PROJECT ADDRESS:
25555 HESPERIAN BLVD
HAYWARD, CA 94545

PROJECT DESCRIPTION:
MODERNIZATION OF EXISTING ECL BUILDING 3500 TO INCLUDE BUT NOT LIMITED TO - NEW ENTRY DOORS AND SECURITY SYSTEMS; ALTERATION OF RECEPTION AREA; NEW CASEWORK, FLOOR AND WALL FINISHES, LIGHTING, FIRE ALARM, SECURITY CAMERA, NEW MECHANICAL REGISTERS, AND CASEWORK THROUGHOUT BUILDING; SELECTIVE REPLACEMENT OF PLUMBING FIXTURES, REPAIR OF EXISTING ROOF FASCIA, NEW EXTERIOR LIGHT FIXTURES AND SECURITY CAMERAS, PAINTING OF ENTIRE BUILDING EXTERIOR ETC. SITE WORK INCLUDE BUT NOT LIMITED TO DEMOLITION OF EXISTING 3700 BUILDING, MINOR MODIFICATION TO EXISTING PLAY AREA, AND OUTDOOR AREA BY LAB CLASSROOM, ADA PATH OF TRAVEL IMPROVEMENTS, NEW SEATING IN PLAZA AREA, PC SHADE STRUCTURES, NEW PLAY YARD STRUCTURE, ETC.

CODE ANALYSIS
SEE SHEET GEN-2 FOR COMPLETE CODE ANALYSIS

PROJECT SUMMARY

DIVISION OF THE STATE ARCHITECT (DSA)
DSA OAKLAND REGIONAL OFFICE
1515 CLAY ST, #1201
OAKLAND, CA 94612
P: 510.622.3101

OWNER
CHABOT COLLEGE
25555 HESPERIAN BLVD
HAYWARD, CA 94545
CONTACT: JIM FABRINI
P: 415.297.0333

CIVIL
BKF ENGINEERS
2100 FRANKLIN STREET,
SUITE 4C,
OAKLAND, CA 94612
CONTACT: JEFFERY WYMA
P: 510.899.7306

ARCHITECT
SVA ARCHITECTS
7901 STONERIDGE DR,
SUITE 100,
PLEASANTON, CA 94588
CONTACT: VELMA ANELO
P: 510.267.3180

LANDSCAPE
ANLA
1723 HAMILTON AVE,
SUITE 101,
SAN JOSE, CA 95125
CONTACT: ERIK PLATO
P: 408.292.2196

MEP
EDESIGNC, INC.
582 MARKET ST,
SAN FRANCISCO, CA 94104
CONTACT: JIM DYER
P: 415.963.4303

STRUCTURAL
KPFF
71 STEVENSON STREET,
SUITE 1800,
SAN FRANCISCO, CA 94105
CONTACT: BRIAN BIEHL
P: 415.989.1004

GOVERNING AGENCIES

THIS PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

FEDERAL:
AMERICANS WITH DISABILITIES ACT (ADA)

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

STATE OF CALIFORNIA PARTIAL LIST OF APPLICABLE CODES

2025 BUILDING STANDARDS ADMINISTRATIVE CODE (CAC)
CALIFORNIA CODE OF REGULATIONS (CCR) PART 1, TITLE 24 C.C.R.

2022 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 2
(2021 INTERNATIONAL BUILDING CODE WITH THE INTERNATIONAL CODE COUNCIL WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 3
(2020 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA, WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA MECHANICAL CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 4
(2021 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO, WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA PLUMBING CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 5
(2021 UNIFORM PLUMBING CODE OF THE INTERNATIONS ASSOCIATION OF THE PLUMBING AND MECHANICAL OFFICIALS, IAPMO, WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA ENERGY CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 6

2022 CALIFORNIA FIRE CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 9
(2021 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL, WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL GREEN CODE)
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 11

2022 CALIFORNIA REFERENCED STANDARDS CODE
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 12

PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 19

PARTIAL LIST OF APPLICABLE STANDARDS:

2022 BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35

NFPA 13	AUTOMATIC SPRINKLER SYSTEM	2022 EDITION
NFPA 17	DRY CHEMICAL EXTINGUISHING SYSTEMS	2021 EDITION
NFPA 17A	WET CHEMICAL SYSTEMS	2021 EDITION
NFPA 72	NATIONAL FIRE ALARM CODE	2022 EDITION
NFPA 80	FIRE DOORS AND OTHER OPENING PROTECTIVES	2019 EDITION
NFPA 2001	CLEAN AGENT FIRE EXTINGUISHING SYSTEMS	2018 EDITION
UL 464	AUDIBLE SIGNAL APPLIANCES	2003 EDITION
UL 521	HEAT DETECTORS FOR FIRE PROTECTION SIGNAL SYSTEMS	1999 EDITION

APPLICABLE CODES

SVA ARCHITECTS IS THE DESIGNATED ARCHITECT OF RECORD AS REQUIRED BY THE STATE OF CALIFORNIA. THE ARCHITECT OF RECORD SHALL REVIEW SUBMITTALS AND COORDINATE SUBMITTALS AND DEFERRED SUBMITTALS THROUGH THE DIVISION OF THE STATE ARCHITECT. DEFERRED SUBMITTALS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT.

DSA SHALL BE NOTIFIED IN WRITING BY THE OWNER IF THE ARCHITECT OF RECORD IS CHANGED OR IS UNABLE TO CONTINUE TO PERFORM THE DUTIES. THE OWNER SHALL DESIGNATE A SUBSTITUTE ARCHITECT OR ENGINEER OF RECORD WHO SHALL PERFORM ALL OF THE DUTIES REQUIRED OF THE ORIGINAL ARCHITECT OF RECORD.

REVIEW AND COMMENT ON SUBMITTALS AND DEFERRED SUBMITTALS SHALL NOT RELIEVE THE AUTHOR OF THE DOCUMENTS OR THE CONTRACTOR FROM COMPLIANCE WITH ALL APPLICABLE CODES AND THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THE REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATING HIS WORK WITH THAT OF OTHER TRADES, AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

ARCHITECT OF RECORD

STATEMENT OF GENERAL CONFORMANCE
THE DRAWINGS OR SHEETS LISTED IN THE INDEX ON THIS SHEET HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAD BEEN EXAMINED BY ME FOR:

1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THE PROJECT.

THIS STATEMENT OF GENERAL CONFORMANCE "SHALL" NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES AND RESPONSIBILITIES UNDER SECTION 17302 AND 81138 OF THE EDUCATION CODE AND SECTION 4-336, 4-341 AND 4-344 OF TITLE 24, PART 1 (TITLE 24, PART 1 SECTION 4-317) (B))

I CERTIFY THAT ALL DRAWINGS OR SHEETS LISTED IN THE INDEX ON THIS SHEET (CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL PLUMBING, ELECTRICAL, FIRE ALARM, LANDSCAPE AND SHADE STRUCTURE) ARE IN GENERAL CONFORMANCE AND HAVE BEEN COORDINATED.

LICENSED ARCHITECT — ROBERT M. SIMPSON — No. C-18301 Jan 31, 2027 — STATE OF CALIFORNIA

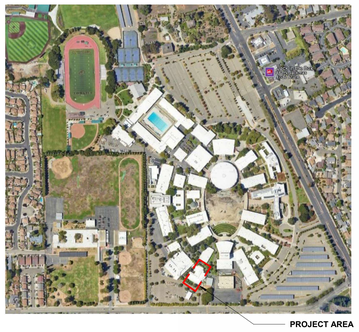
GENERAL CONFORMANCE STATEMENT

PROJECT DIRECTORY

1. SEE SHEET GEN-3 FOR ADDITIONAL PROJECT GENERAL NOTES.
2. WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
3. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA), AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
4. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR: CLASS 1.
5. CCD MUST BE SIGNED AS REQUIRED BY DSA IR A-6.
6. A COPY OF CCR TITLE 24, PARTS 1 THROUGH 5 MUST BE KEPT ON SITE DURING CONSTRUCTION.

GENERAL NOTES





VICINITY MAP

1. **ADD ALT 1:** CONDITIONS WITH (E) WALLPAPER TO BE REMOVED. INSTEAD OF REFINISHING (E) GYP BOARD, GC TO REPLACE PORTIONS OF GYP @ WALLPAPER WITH NEW GYP BOARD. PREP AREA AS REQUIRED FOR NEW WORK.
2. **ADD ALT 2: PC SHADE STRUCTURE AT PLAY AREA AREA** - 20'x30' MAX HIP SHADE STRUCTURE
3. **ADD ALT 3: PC SHADE STRUCTURE AT LAB OUTDOOR AREA** - 13'x13' MAX HIP SHADE STRUCTURE
4. **ADD ALT 4: REPAIR OF (E) BLDG ROOF 2X WOOD FASCIA.**
   A. GC TO SURVEY BUILDING PERIMETER TO IDENTIFY PORTIONS OF THE (E) WOOD FASCIA WITH DRY ROT, WHERE OCCURS OR ANY UNFORSEEN DAMAGES/DEFICIENCIES IN NEED OF REPAIR. PROVIDE SHOP DRAWINGS WITH PHOTOS IDENTIFYING CONDITIONS. REPAIR AND REFINISH ENTIRE FASCIA SYSTEM TO MATCH EXISTING.
5. **ADD ALT 5: SKY MURAL AT BARREL VAULTED CEILING .**
   A. PAINT CLOUD/SKY MURAL PER AREA SHOWN ON RCP MURAL TO HAVE 4 COLORS.
6. **ADD ALT 6: PLAY YARD SEATING FURNITURE. SEE SHEET L-2.1**
7. **ADD ALT 7: ASPHALT PAVING AND STRIPPING AT EXISTING PARKING. SEE A01.0**
   A. ADD ALT 7: SCRABBLE AND GRIND AND/OR FEATHER (E) ASPHALT PAVING AS REQUIRED TO PROVIDE 2% MAX CROSS SLOPE IN ADA PARKING STALL AISLE. RESTRIPE (E) PARKING STALL AS REQUIRED TO MATCH (E). FOR STRIPPING DETAIL, SEE 3,12/A01.4

   GC TO SURVEY AREA AS REQURIED TO DETERMINE EXTENT OF WORK. SUBMIT PROPOSED WORK TO AOR FOR DSA APPROVAL BEFORE CONSTRUCTION.

BID ALTERNATES

THE FOLLOWING ITEMS ARE DESIGN-BUILD SYSTEMS AND WILL BE A DEFERRED SUBMITTAL BY THE CONTRACTOR AT A LATER DATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENGINEERING AND CALCULATIONS FOR APPLICABLE ITEMS. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A CIVIL OR STRUCTURAL ENGINEER WHO SHALL BE RESPONSIBLE FOR THE DESIGN. THE CONTRACTOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS TO THE ARCHITECT OF RECORD, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE DIVISION OF THE STATE ARCHITECT WITH NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT.

1. NONE

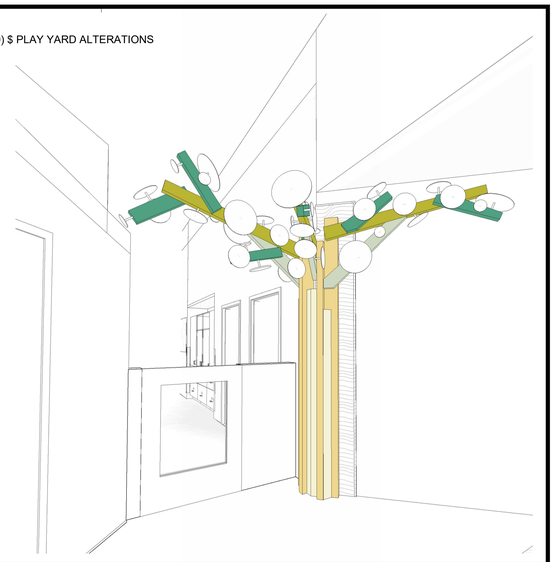
DEFERRED APPROVALS



THE SITE FALLS IN ZONE 3 OF THE CALIFORNIA CLIMATE ZONES.

CALIFORNIA CLIMATE ZONE

SCHOOL NAME: CHABOT COLLEGE
PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG 3500) $ PLAY YARD ALTERATIONS



3D VIEW FOR REFERENCE - TREE PORTAL

GENERAL

GEN-1	PROJECT INFORMATION & SHEET INDEX
GEN-2	CODE ANALYSIS AND SIGNAGE PLAN
GEN-3	GENERAL NOTES
GEN-4	COMMON AREA ACCESSIBILITY NOTES AND DETAILS
GEN-5	PROJECT SIGNAGE
GEN-6	REFERENCE PHOTOS OF (E) CONDITIONS

Grand total: 6

CIVIL

C1.0	TITLE SHEET & GENERAL NOTES
C2.0	EXISTING CONDITIONS & DEMOLITION PLAN
C3.0	SITE IMPROVEMENTS PLAN
C4.0	CONSTRUCTION DETAILS
C5.0	EROSION CONTROL PLAN
C5.1	EROSION CONTROL NOTES & DETAILS

Grand total: 6

ARCHITECTURE

A01.0	OVERALL CAMPUS PLAN
A01.1	ENLARGED DEMOLITION SITE PLAN
A01.2	ENLR PARTIAL SITE PLAN
A01.4	SITE DETAILS
A11.0	DEMOLITION FLOOR PLAN
A11.1	IMPROVEMENT FLOOR PLAN
A14.1	REFLECTED CEILING IMPROVEMENT PLAN
A21.0	EXTERIOR ELEVATIONS
A21.1	EXTERIOR ELEVATIONS - STORAGE DOORS
A41.0	ENLARGED PLAN - ADMIN PLAN AND ELEVATIONS
A41.1	ENLARGED PLAN - CORRIDOR ELEVATIONS
A41.2	ENLARGED PLAN - STAFF AND VISITOR RESTROOMS AND ISOLATION ROOM
A41.3	ENLARGED PLAN - (E) BREAKROOM
A41.4	ENLARGED PLAN - LAB PREP PLAN AND ELEVATIONS
A41.5	ENLARGED PLAN - INFANTS PLAN AND ELEVATIONS
A41.6	ENLARGED PLAN - TODDLERS PLAN AND ELEVATION
A41.7	ENLARGED PLAN - CHILD DEVELOPEMENT LAB PLAN AND ELEVATIONS
A41.8	ENLARGED PLAN - PRESCHOOL 1 PLAN AND ELEVATIONS
A41.9	ENLARGED PLAN - PRESCHOOL 2 PLAN AND ELEVATIONS
A41.10	ENLARGED PLAN - PRESCHOOL 3 PLAN AND ELEVATIONS
A41.11	TYPICAL PRESCHOOL RESTROOM CALLOUT
A41.12	ENLARGED PLAN - INFANTS AND TODDLER RESTROOM
A41.13	ENLARGED PLAN - TYPICAL OBSERVATION ROOM
A50.0	SCHEDULES - DOOR, WINDOW AND STOREFRONT
A50.1	SCHEDULES - INTERIOR FINISHES
A60.1	CONSTRUCTION ASSEMBLY NOTES AND REQUIREMENTS
A60.2	PENETRATION ASSEMBLIES
A61.0	WALL DETAILS
A61.1	ROOF, WALL AND FLOOR ASSEMBLIES
A61.2	EXTERIOR WALL DETAILS
A61.3	WALL & SLAB DETAILS
A62.2	DOOR & WINDOW DETAILS
A62.3	STOREFRONT DETAILS
A64.1	TYPICAL SUSPENDED CEILING DETAILS
A64.2	TYPICAL SUSPENDED CEILING DETAILS
A64.3	CEILING AND SOFFIT DETAILS
A64.4	CASEWORK & MISCELLANEOUS DETAILS
A64.4A	CASEWORK - RECEPTION DESK AREA
A64.4C	CASEWORK - CORRIDOR ALCOVE
A64.4D	LAB ROOM ISLAND DETAILS
A64.5	MISCELLANEOUS DETAILS
A64.6	MISCELLANEOUS DETAILS - TREE PORTAL

Grand total: 42

STRUCTURE

S0.01	TITLE PAGE
S1.01	GENERAL NOTES
S2.01	FOUNDATION PLAN
S3.01	DETAILS

Grand total: 4

MECHANICAL

M00.0	MECHANICAL TITLE SHEEY
M11.0	MECHANICAL DEMOLITION REFLECTIVE CEILING PLAN
M11.1	MECHANICAL REFLECTIVE CEILING PLAN

Grand total: 3

ELECTRICAL

E00.0	ELECTRICAL TITLE SHEET
E00.1	LIGHTING SCHEDULES
E00.2	POWER SCHEDULES
E00.5	TITLE 24 FORMS
E00.6	TITLE 24 FORMS
E00.7	TITLE 24 FORMS
E01.1	ENLARGED DEMOLITION SITE PLAN - ELECTRICAL
E11.0	ELECTRICAL DEMOLITION FLOOR PLAN
E11.1	ELECTRICAL POWER PLAN
E11.2	LOW VOLTAGE FLOOR PLAN
E14.0	LIGHTING DEMOLITION PLAN
E14.1	LIGHTING PLAN
E70.1	ELECTRICAL SINGLE LINE DIAGRAM
E70.2	BLDG EXTERIOR PHOTOMETRICS
E80.1	ELECTRICAL DETAILS
E80.2	ELECTRICAL DETAILS

Grand total: 16

PLUMBING

P00.0	PLUMBING TITLE SHEET
P11.0	PLUMBING DEMOLITION FLOOR PLAN
P11.1	PLUMBING PLAN

Grand total: 3

FIRE ALARM

FA00.0	FIRE ALARM TITLE SHEET
FA01.1	FIRE ALARM SITE PLAN
FA01.2	PARTIAL FIRE ALARM SITE PLAN
FA11.0	FIRE ALARM DEMOLITION PLAN
FA11.1	FIRE ALARM PLAN
FA70.1	FIRE ALARM RISER DIAGRAM
FA80.1	FIRE ALARM DETAILS

Grand total: 7

SHADE STRUCTURE

T-1.0	TITLE SHEET
T-2.0	UNIT SELECTION
T-3.0	T&I FORMS
5.1-1000	PRODUCT INFORMATION
5.2-2000	SPECIFICATIONS

Grand total: 5

LANDSCAPE

L1.1	LAYOUT PLAN
L2.1	MATERIALS PLAN
L3.1	CONSTRUCTION DETAILS
L4.1	IRRIGATION PLAN
L5.1	IRRIGATION DETAILS
L6.1	PLANTING PLAN
L7.1	PLANTING DETAILS

Grand total: 7

SHEETS #: 99

SHEET INDEX

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT — ROBERT M. SIMPSON — No. C-18301 Jan 31, 2027 — STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE:

GEN-1

PROJECT INFORMATION & SHEET INDEX

SVA ARCHITECTS

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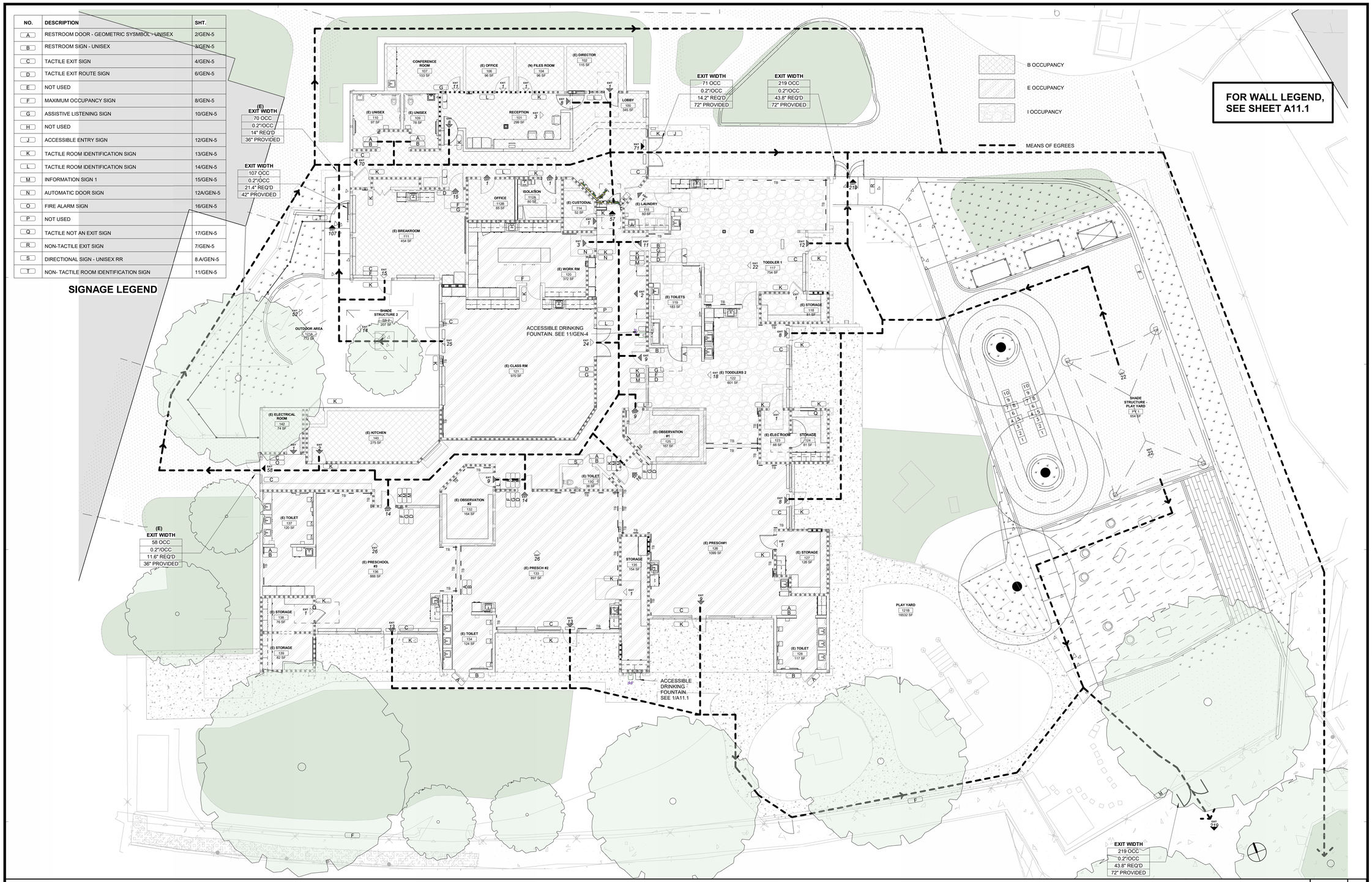
NO.	DESCRIPTION	SHT.
A	RESTROOM DOOR - GEOMETRIC SYSMBOL - UNISEX	2/GEN-5
B	RESTROOM SIGN - UNISEX	4/GEN-5
C	TACTILE EXIT SIGN	4/GEN-5
D	TACTILE EXIT ROUTE SIGN	6/GEN-5
E	NOT USED	
F	MAXIMUM OCCUPANCY SIGN	8/GEN-5
G	ASSISTIVE LISTENING SIGN	10/GEN-5
H	NOT USED	
J	ACCESSIBLE ENTRY SIGN	12/GEN-5
K	TACTILE ROOM IDENTIFICATION SIGN	13/GEN-5
L	TACTILE ROOM IDENTIFICATION SIGN	14/GEN-5
M	INFORMATION SIGN 1	15/GEN-5
N	AUTOMATIC DOOR SIGN	12A/GEN-5
O	FIRE ALARM SIGN	16/GEN-5
P	NOT USED	
Q	TACTILE NOT AN EXIT SIGN	17/GEN-5
R	NON-TACTILE EXIT SIGN	7/GEN-5
S	DIRECTIONAL SIGN - UNISEX RR	8.A/GEN-5
T	NON- TACTILE ROOM IDENTIFICATION SIGN	11/GEN-5

SIGNAGE LEGEND



OCCUPANCY FLOOR PLAN | 1/8" = 1'-0" | 1

- **DSA APPLICATION HISTORY:**

BLDG	APPLICABLE CODE	DSA A#	DATE CERTIFIED
BLDG 3500	UBC 1991	A# 58621	7/11/1996, 2/11/2011

- **EXISTING BUILDING OCCUPANCY** : B/E & S-1, I-4 (*SEE NOTE BELOW)
- **EXISTING BUILDING USE** : EARLY CHILDHOOD EDUCATION, COMMUNITY COLLEGE CLASSROOM, ADMIN
- **EXISTING CONSTRUCTION TYPE:** VB
- **IS BUILDING FIRE SPRINKLERED?:** NO
- **EXISTING BUILDING AREA (PER 1991 UBC CALCS PER DSA A# 58621 (DSA APPROVED IN 1994)**
  TABULAR ALLOWABLE AREA FACTOR:
  B- 9,000 SF
  E- 9,500 SF
- **ALLOWABLE AREA PER AREA INCREASE:**
  B - 12,000 SF
  E - 13,650 SF
- **EXISTING ACTUAL AREA:**
  B - 1,857 SF
  E - 11,359 SF
  TOTAL - 13,216 SF

*THE OCCUPANCY OF EXISTING STRUCTURES AS DESCRIBED IN THE PROJECT INFORMATION CONTINUE WITHOUT CHANGE PER THE APPROVED DSA APPLICATION NUMBER (CBC 102.6). NO OCCUPANCY CHANGE, SIGNIFICANT ALTERATION, OR INCREASE IN SQUARE FOOTAGE IS PROPOSED FOR THIS PROJECT SCOPE OF WORK. BUILDINGS DO NOT REQUIRE THE ADDITION OF SPRINKLERS. EXISTING BUILDING CONSTRUCTION TYPE WILL BE MAINTAINED.

(NOTE PER CURRENT PROJECT - THIS PROJECT DOES NOT CHANGE BUILDING OCCUPANCY, USE OR ADD BUILDING AREA)

- **EXISTING BUILDING HEIGHT:**
  ALLOWABLE: 40'-0" (BASED ON E OCCUPANCY)
  EXISTING: 19'-6"
- **EXISTING # OF STORIES:**
  ALLOWABLE: 1 (BASED ON E OCCUPANCY)
  EXISTING: 1
- **EXISTING OCCUPANCY SEPARATION** = 1 HR (BETWEEN OCCUPANCIES B, E AND S-1 PER UBC 1991)
- **INTERIOR WALL AND CEILING FINISHES FOR B/E OCCUPANCY:**
  1. **CORRIDORS - CLASS B PER ASTM E84**
  2. **ROOMS AND ENCLOSED SPACES - CLASS C PER ASTM E84**

OCCUPANCY SEPARATIONS
PER CBC TABLE 508.4

OCC.	A	E	B	S-1
A	-	-	2	2
E	-	-	2	2
B	2	2	-	-
S-1	2	2	-	-

EXISTING MIXED OCCUPANCY CALCULATION

OCC.	ACTUAL S.F. *(A)*	ALLOWABLE S.F. *(Aa)*	RATIO (A / Aa)	CHECK *(LESS THAN 1)*
B	1,857 SF	12,000 SF	.1547	
E	11,359 SF	13,650 SF	.8322	
TOTAL	13,216 SF		.9869	09269 < 1 - OK.

FIRE-RESISTIVE REQUIREMENTS *PER CBC TABLE 601*

ELEMENT	RATING	NOTES
BEARING WALLS - EXTERIOR		
BEARING WALLS - INTERIOR	-	
NON-BEARING WALLS - EXTERIOR	N/A	
STRUCTURAL FRAME	-	
NON-BEARING WALLS - INTERIOR	-	
ROOF/CEILING ASSEMBLIES	-	
ROOFING	CLASS B	

OCCUPANT LOAD CALCS

ROOM NAME	ROOM #	ROOM AREA	OCCUPANCY GROUP	OCC LOAD FACTOR	OCC LOAD
LOBBY	100	345 SF	E	7 SF	50
CORR 1	100-C1	318 SF			
CORR 2	100-C2	1058 SF			
RECEPTION	101	299 SF	B	150 SF	2
(E) DIRECTOR	102	115 SF	B	150 SF	1
(E) ELEC RM	103	6 SF			
(N) FILES ROOM	104	96 SF	B	150 SF	1
(E) OFFICE	106	96 SF	B	150 SF	1
CONFERENCE ROOM	107	153 SF	A	15 SF	11
(E) UNISEX	109	78 SF	-	0 SF	
(E) UNISEX	110	97 SF	-	0 SF	
(E) BREAKROOM	111	454 SF	B	15 SF	31
ISOLATION	112A	80 SF	B	150 SF	1
OFFICE	112B	85 SF	B	150 SF	1
(E) CUSTODIAL	114	52 SF	U	300 SF	1
(E) LAUNDRY	115	80 SF	U	300 SF	1
TODDLER 1	117	754 SF	I-4	35 SF	22
(E) STORAGE	118	81 SF	S	300 SF	1
(E) TOILETS	119	183 SF	-	0 SF	

OCCUPANT LOAD CALCS

ROOM NAME	ROOM #	ROOM AREA	OCCUPANCY GROUP	OCC LOAD FACTOR	OCC LOAD
(E) WORK RM	120	372 SF	B	150 SF	3
(E) CLASS RM	121	970 SF	E	20 SF	49
OUTDOOR AREA	121A	772 SF	A3	15 SF	52
PLAY YARD	121B	16532 SF	A3	50 SF	331
(E) TODDLERS 2	122	601 SF	I-4	35 SF	18
(E) ELEC ROOM	123	66 SF			
STORAGE	124	81 SF	S	300 SF	1
(E) OBSERVATION #1	125	167 SF	E	20 SF	9
(E) PRESCH#1	126	1099 SF	E	35 SF	32
(E) STORAGE	127	128 SF	S	300 SF	1
(E) TOILET	128	117 SF	-	0 SF	
(E) TOILET	130	38 SF	-	0 SF	
(E) OBSERVATION #2	132	164 SF	E	20 SF	9
(E) PRESCH #2	133	897 SF	E	35 SF	26
(E) TOILET	134	124 SF	-	0 SF	
STORAGE	135	154 SF	S	300 SF	1
(E) PRESCHOOL #3	136	888 SF	E	35 SF	26
(E) TOILET	137	120 SF	-	0 SF	
(E) STORAGE	138	76 SF	S	300 SF	1

OCCUPANT LOAD CALCS

ROOM NAME	ROOM #	ROOM AREA	OCCUPANCY GROUP	OCC LOAD FACTOR	OCC LOAD
(E) STORAGE	139	82 SF	S	300 SF	1
(E) KITCHEN	140	275 SF	B	150 SF	2
WATER HEATER ROOM	141	10 SF	U	300 SF	1
(E) ELECTRICAL ROOM	142	74 SF	U	300 SF	1
SHADE STRUCTURE - PLAY YARD	PY 1	654 SF	A3	15 SF	44
SHADE STRUCTURE 2	SS 2	207 SF	A3	15 SF	14
TOTAL:					746

ASSISTIVE LISTENING SYSTEM:
A MINIMUM NUMBER OF 2 PORTABLE ASSISTIVE-LISTENING SYSTEMS WILL BE PROVIDED WITH 2 RECEIVERS EACH (4 RECEIVERS TOTAL) TO BE SHARED WITHIN THIS FACILITY, OF WHICH, AT LEAST TWO RECEIVERS SHALL BE HEARING AID COMPATIBLE

CODE ANALYSIS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
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5		
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14		
15		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

GEN-2

CODE ANALYSIS AND SIGNAGE PLAN

SVA ARCHITECTS

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1. SITE DEVELOPMENT

A. GRADE AND DEVELOP SITE SUCH THAT ALL PRIMARY BUILDING ENTRANCES ARE ACCESSIBLE TO THE PHYSICALLY DISABLED FROM THE PUBLIC WAY AND DISABLED PARKING PROVIDED.

B. ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, FACILITIES AND SPACES ON THE SAME SITE. WHERE MORE THAN ONE ROUTE IS PROVIDED, ALL ROUTES SHALL BE ACCESSIBLE

C. IF AN ACCESSIBLE ROUTE HAS A CHANGE IN LEVEL GREATER THAN 1/2", THEN A CURB RAMP, RAMP, ELEVATOR, OR PLATFORM LIFT SHALL BE PROVIDED.

D. ALL WALKS, HALLS, CORRIDORS, AISLES, AND OTHER SPACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 48 INCHES AND A CLEAR HEIGHT OF 80 INCHES.

2. WALKS AND SIDEWALKS

A. WALKS AND SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48 INCHES IN WIDTH.

B. ALL SIDEWALKS SHALL BE STABLE, FIRM AND SLIP RESISTANT.

C. SURFACE CROSS SLOPES SHALL NOT EXCEED 1:48 (CBC 11B-403.3).

D. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN THE GRATING SHALL BE LIMITED TO 1/2" IN THE DIRECTION OF TRAFFIC FLOW.

E. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2", WHEN CHANGES DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVELS NOT EXCEEDING 1/4" MAY BE VERTICAL.

F. WHEN CHANGES IN LEVELS GREATER THAN 1/2" ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS OR RAMPS AS REQUIRED.

G. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" SQUARE AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE BY 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. SUCH WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.

H. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 5%, IT MUST COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS (PER CBC 11B-405).

I. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5 FEET IN LENGTH AT INTERVALS NOT EXCEEDING 400 FEET.

3. ENTRANCES AND DOORWAYS

A. PRIMARY ENTRANCES TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO THE DISABLED.

B. ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE "ISA" SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED VISIBLE FROM APPROACHING PEDESTRIAN WAYS.

C. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND ARE IN THE PATH OF TRAVEL, SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.

D. HAND ACTIVATED DOOR HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR (CBC 11B-404.2.7).

E. THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL BE A MINIMUM 60" SQUARE IN THE DIRECTION OF THE DOOR SWING AND A MINIMUM 44" SQUARE OPPOSITE THE DIRECTION OF DOOR SWING (48" IF THE DOOR HAS BOTH LATCH AND CLOSER). THE SQUARES SHALL BE MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION. SEE NOTE I BELOW FOR STRIKE SIDE REQUIREMENTS.

F. THE WIDTH OF THE LEVEL AND CLEAR AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18" PAST THE STRIKE EDGE FOR INTERIOR DOORS AND THE PRIMARY ENTRANCE TO THE DWELLING UNIT.

G THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED NO GREATER THAN 1:2.

H. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT SLIDING AND POCKET DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

I. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS FOR EXTERIOR DOORS AND 5 LBS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT SHALL BE APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS TO ACHIEVE POSITIVE LATCHING, BUT NOT TO EXCEED 15 LBS MAX.

J. EXIT DOORS MUST OPEN FROM THE INSIDE WITHOUT A KEY, OR ANY SPECIAL KNOWLEDGE OR EFFORT. EXIT DOORS FROM BUILDINGS OR ROOMS SERVING 10 OR FEWER OCCUPANTS MAY HAVE A NIGHT LATCH, DEADBOLT OR SECURITY CHAIN, AS LONG AS THE DOORS CAN STILL BE OPENED FROM THE INSIDE WITHOUT A KEY, SPECIAL KNOWLEDGE OR EFFORT. IN ADDITION, THESE DEVICES ARE NOT MOUNTED MORE THAN 48" ABOVE THE FLOOR. MANUALLY OPERATED EDGE BOLTS, SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED. WHEN EXIT DOORS ARE USED IN PAIRS AND AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF WITH THE FLUSH BOLT MUST HAVE NO DOORKNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF MUST NOT REQUIRE MORE THAN ONE OPERATION.

K. EVERY REQUIRED EXIT MUST BE LARGE ENOUGH TO PERMIT A DOOR AT LEAST 3'-0" WIDE BY 6'-8" HIGH. EXIT DOORS SHALL OPEN AT LEAST 90 DEGREES AND PROVIDE A CLEAR WIDTH OF AT LEAST 32".

L. THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE NO HIGHER THAN 1/2". SUCH THRESHOLDS SHALL BE BEVELED NO GREATER THAN 1:2.

M. THE FLOOR LANDING IMMEDIATELY OUTSIDE THE ENTRY MAY BE SLOPED UP TO 1/8" PER FOOT IN THE DIRECTION AWAY FROM THE PRIMARY ENTRANCE FOR DRAINAGE.

N. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS IN A VESTIBULE, SERVING OTHER THAN A REQUIRED EXIT STAIRWAY, MUST HAVE AT LEAST 48" OF CLEAR SPACE FROM ANY DOOR OPENING INTO THE VESTIBULE WHEN THE DOOR IS OPEN 90 DEGREES FROM ITS CLOSED POSITION. DOORS IN SERIES MUST SWING IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS.

4. STAIRWAYS

A. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. STAIRWAYS SHALL HAVE INTERMEDIATE HANDRALS WHERE REQUIRED SUCH THAT ALL PORTIONS OF THE STAIRWAY WIDTH REQUIRED FOR EGRESS CAPACITY ARE WITHIN 30 INCHES OF A HANDRAIL. INTERMEDIATE HANDRALS SHALL BE SPACED AT EQUAL INTERVALS WITHIN THE WIDTH OF THE STAIRWAY AND BE CONTINUOUS FOR THE ENTIRE LENGTH.

B. HANDRAILS MUST BE 34 TO 38 INCHES ABOVE THE NOSING OF THE TREADS AND MUST EXTEND IN THE DIRECTION OF THE STAIR RUN FOR AT LEAST 12" BEYOND THE TOP NOSING AND 12" PLUS THE TREAD WIDTH BEYOND THE BOTTOM NOSING.

C. ENDS SHALL BE RETURNED OR SHALL TERMINATE IN A NEWEL POST OR SAFETY TERMINAL.

D. HANDRAILS PROJECTING FROM A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1-1/2-INCH BETWEEN THE WALL AND THE HANDRAIL.

E. THE HANDGRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1-1/4-INCHES NOR MORE THAN 1 1/2-INCHES IN CROSS-SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE AND SHALL HAVE A SMOOTH SURFACE WITH NO SHARP OR ABRASIVE CORNERS AND ALL EDGES MUST HAVE A MINIMUM 1/8" RADIUS.

F. THE UPPER APPROACH AND THE LOWER TREAD OF EACH INTERIOR STAIR SHALL BE MARKED BY A STRIP OF CLEARLY CONTRASTING COLOR THE FULL WIDTH OF THE TREAD AT LEAST 2-INCHES WIDE PLACED PARALLEL TOAND NOT MORE THAN 1-INCH FROM THE NOSE OF THE STEP OR LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR.

G. WHERE STAIRWAYS OCCUR OUTSIDE A BUILDING, THE UPPER APPROACH AND ALL TREADS SHALL BE MARKED BY A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2-INCHES WIDE AND PLACED PARALLEL TO AND NOT MORE THAN 1-INCH FROM THE NOSE OF THE STEP OR LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIP SHALL BE ACCEPTABLE.

H. ALL TREAD SURFACES SHALL BE SLIP RESISTANT.

I. TREADS SHALL HAVE A SMOOTH, ROUNDED OR CHAMFERED EXPOSED EDGES, AND NO ABRUPT EDGES AT THE NOSING (LOWER FRONT EDGE).

J. NOSING SHALL NOT PROJECT MORE THAN 1-1/4 INCH PAST THE FACE OF THE RISER BELOW.

K. STAIR RISERS SHALL BE SOLID PER CBC 11B-504.

5. SANITARY FACILITIES

A. WHEELCHAIR ACCESSIBLE WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC CLOSING DEVICE, AND SHALL HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32-INCHES WHEN LOCATED AT THE END AND 34-INCHES WHEN LOCATED AT THE SIDE WITH THE DOOR POSITION AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.

B. TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST . CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS, NO MORE THAN 44-INCHES ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT.

C. WHERE URINALS ARE PROVIDED AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14-INCHES FROM THE WALL AND AT A MAXIMUM OF 17-INCHES ABOVE THE FLOOR SHALL BE PROVIDED.

D. URINAL FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT.

E. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED.

F. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

G. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM GLASS EDGE NOT MORE THAN 40-INCHES ABOVE THE FLOOR.

H. LOCATE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES WITH ALL OPERABLE PARTS NOT MORE THAN 40-INCHES FROM THE FLOOR.

I. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL OR PARTITION WITHIN 7" TO 9" TO CENTERLINE FROM THE FRONT EDGE OF THE TOILET SEAT, MOUTED BELOW THE GRAB BAR, AT A MINIMUM HEIGHT OF 19 INCHES, AND 36 INCHES MAXIMUM TO THE FAR EDGE FROM THE REAR WALL. DISPENSERS SHALL PERMIT CONTINUOUS FLOW AND NOT CONTROL DELIVERY (CBC 11B-604.7).

J. GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL BE DESIGNED FOR 250 LB. PER CBC 1607A.9.2.

K. GRAB BARS:
1. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACE OF A GRAB BAR SHALL BE 1-1/4" TO 1-1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.
2. IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2".
3. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
4. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
5. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".

6. SWITCHES CONTROLS AND ELECTRICAL OUTLETS

A. RECEPTACLE OUTLETS SHALL BE 15" MIN ABOVE THE FINISHED FLOOR TO THE BOTTOM OF THE BOX PER CBC 11B-308.1.2.

B. SWITCHES SHALL BE 48" MAX. ABOVE THE FINISHED FLOOR TO THE TOP OF THE BOX (11B-308.1.1).

C. IF REACH IS OVER AN OBSTRUCTION (FOR EXAMPLE, A BASE CABINET) BETWEEN 20" AND 25" IN DEPTH, THE MAXIMUM HEIGHT IS REDUCED TO 44" FOR FORWARD APPROACH, OR 46" FOR SIDE APPROACH PROVIDED THE OBSTRUCTION IS NO MORE THAN 24" IN DEPTH. THE OBSTRUCTION MAY NOT EXTEND MORE THAN 25" FROM THE WALL BENEATH THE CONTROL.

D. THE CENTER OF FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.

E. IF EMERGENCY WARNING SYSTEMS ARE REQUIRED THEY SHALL ACTIVATE A MEANS OF WARNINGTHE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.

ACCESSIBILITY NOTES

1. DEMOLITION DRAWINGS PREPARED BY THE ARCHITECT ARE FOR A GENERAL DESCRIPTION OF EXISTING BUILDING COMPONENTS, ASSEMBLIES AND MATERIALS TO BE REMOVED IN ORDER TO INSTALL THE NEW WORK. THE GC IS RESPONSIBLE FOR VERIFYING ALL THE DEMOLITION WORK REQUIRED TO FACILITATE THE INSTALLATION OF THE NEW WORK SHOWN IN THE CONTRACT DOCUMENTS. THE GC IS RESPONSIBLE FOR VERIFYING AND PERFORMING ALL THE REQUIRED DEMOLITION WORK TO FACILITATE THE INSTALLATION OF THE NEW WORK SHOWN IN THE CONTRACT DOCUMENTS.
2. DEMOLITION CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL MUNICIPAL AGENCIES HAVING JURISDICTIONAL AUTHORITY OVER ANY ASPECT OF THE DEMOLITION SCOPE.
3. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO DEMOLITION WORK.
4. DEMOLITION CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIALS IN A MANNER COMPLIANT TO FEDERAL, STATE AND LOCAL MUNICIPAL REQUIREMENTS AND GUIDELINES.
5. DEMOLITION CONTRACTOR SHALL COORDINATE ALL WORK SCHEDULES WITH OWNER. IN NO CASE SHALL DEMOLITION WORK BE CONDUCTED DURING HOURS PROHIBITED BY LOCAL MUNICIPALITY.
6. PLANS ARE BASED ON EXISTING RECORD DRAWINGS AND VISUAL OBSERVATION. UNIDENTIFIED ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL.
7. CONTACT OWNER'S REPRESENTATIVE FOR LIST OF SALVAGEABLE ITEMS.
8. REMOVE EXISTING CEILING FINISHES (ACOUSTICAL TILE) AND SUBSTRATE (GYPSUM BOARD, PLASTER) AND RELATED SUSPENSION SYSTEMS WHERE NOTED ON DRAWINGS IN ALL ROOMS DESIGNATED TO RECEIVE NEW CEILING FINISHES (AND SUSPENSION SYSTEMS) PER INTERIOR FINISH SCHEDULE.
9. REMOVE EXISTING WALL FINISHES (CERAMIC TILE, VINYL WALL COVERING, PLYWOOD, GYPSUM BOARD SUBSTRATES, PLASTER, ETC.) IN ALL ROOMS DESIGNATED TO RECEIVE NEW WALL FINISHES PER INTERIOR FINISH SCHEDULE.
10. REMOVE EXISTING FLOORING & BASE (CERAMIC TILE, CARPET, PADDING AND ACCESSORIES) IN ALL ROOMS DESIGNATED TO RECEIVE NEW FLOORING AND BASE PER INTERIOR FINISH PLANS.
11. REPAIR ALL SURFACES DESIGNATED TO RECEIVE NEW FLOOR, WALL, AND CEILING FINISHES AS REQUIRED TO PROVIDE A SOUND AND FLUSH SUBSTRATE.
12. ALSO REFERENCE CIVIL, LANDSCAPE, SHADE STRUCTURE, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL, FIRE ALARM AND DEMOLITION DRAWINGS FOR ADDITIONAL COORDINATION OF ITEMS TO BE REMOVED OR PROTECTED IN PLACE.

DEMOLITION NOTES

1. THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF SVA ARCHITECTS, AND ARE NOT TO BE USED, IN WHOLE OR IN PART FOR ANOTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF SVA ARCHITECTS.
2. THE WORK SHOWN ON THESE DRAWINGS AS EXISTING CONDITIONS WAS PREPARED FROM INFORMATION FURNISHED BY THE OWNER. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, SVA ARCHITECTS INC. IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF ANY WORK SHOWN AS EXISTING NOR IS SVA ARCHITECTS INC. RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.
3. EACH BIDDER SHALL POSSESS AT THE TIME OF BID A CLASS B OR THE APPROPRIATE CLASS C CONTRACTOR'S LICENSE PURSUANT TO PUBLIC CONTRACT CODE SECTION 3300 AND BUSINESS AND PROFESSIONS CODE SECTION 7028.15. THE SUCCESSFUL BIDDER MUST MAINTAIN THE LICENSE THROUGHOUT THE DURATION OF THIS CONTRACT.
4. FIRE SAFETY DURING CONSTRUCTION AND THE DURATION OF THIS CONTRACT:

A. GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH 2022 CALIFORNIA FIRE CODE TITLE 24, PART 9, CHAPTER 33.

B. ACCESS ROADS: FIRE DEPARTMENT ACCESS ROADS SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410.

C. WATER SUPPLY: WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL IN ACCORDANCE WITH SECTION 1412.

D. BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIREFIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS OR FIRE APPLIANCES.

E. ALTERATIONS OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF SECTIONS 1405, 1411, 1413, AND 1415.

G. FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL.

5. PENETRATIONS TO FIRE RATED MATERIALS OR ASSEMBLIES SHALL BE RESTORED TO EQUAL RATING. FIRE STOP SYSTEMS AS LISTED BY UNDERWRITERS LABORATORIES SHALL BE INSTALLED PER FIRE RESISTANCE DIRECTORY. FIRE STOP SYSTEMS SHALL BE AS SPECIFIED.

6. STATEMENT (TITLE 24, PART 6): NONRESIDENTIAL ENERGY STANDARDS COMPLIANCE: THE DESIGN INDICATED HEREIN COMPLIES WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROVISED BUILDING(S) WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED IT (THEY) IS (ARE) BUILT ACCORDING TO THESE DRAWINGS AND SPECIFICATIONS AND PROVIDED ANY FUTURE IMPROVEMENTS ARE COMPLETED ACCORDING TO THE REQUIREMENTS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED TO INCLUDE ALL SIGNIFICANT ENERGY CONSERVATION FEATURES REQUIRED FOR COMPLIANCE WITH THE STANDARDS. BUILDING AREAS THAT ARE UNCONDITIONED AND/OR NOT SUBJECT TO THE STANDARDS ARE INDICATED ON THE PLANS.

ENVELOPE MANDATORY MEASURES:

A. INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.

B. ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF [TITLE 24, PART 2, CALIFORNIA BUILDING CODE, SECTIONS 719 AND 2603.]

C. ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL AND OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED.

D. SITE CONSTRUCTED DOORS, AND WINDOWS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).

E. MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER IN ACCORDANCE WITH TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS, SECTION 116(a)1.

F. MANUFACTURED FENESTRATION PRODUCTS IN THE ENVELOPE OF THE BUILDING, INCLUDING, BUT NOT LIMITED TO, WINDOWS, SLIDING GLASS DOORS, FRENCH DOORS, SKYLIGHTS, CURTAIN WALLS, AND GARDEN WALLS AND DOORS MUST BE LABELED FOR U-VALUE IN ACCORDANCE WITH THE (NFRC) NATIONAL FENESTRATION RATING COUNCIL'S INTERIM U-VALUE RATING PROCEDURE.

G. DEMISING WALL INSULATION SHALL BE INSTALLED IN ALL OPAQUE PORTIONS OF FRAMED WALLS (EXCEPT DOORS).

7. INSPECTOR OF RECORD REQUIREMENTS: A. ONE OR MORE INSPECTORS EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS WILL BE ASSIGNED TO THE WORK. THE INSPECTOR DUTIES ARE SPECIFICALLY DEFINED IN SECTION 4-342 OF SAID TITLE 24, PART 1 AND IN ADDITION SHALL BE AS STIPULATED IN INTERPRETATION OF REGULATION DOCUMENT IR A-8. B. INSPECTOR SHALL BE CERTIFIED IN A CLASS [2] INSPECTOR THROUGH THE DIVISION OF THE STATE ARCHITECT INSPECTOR EXAMINATION PROGRAM. INSPECTOR SHALL ALSO BE SPECIFICALLY APPROVED BY THE DIVISION OF THE STATE ARCHITECT FOR THIS PROJECT AT LEAST 10 DAYS PRIOR TO THE START OF ANY WORK FOR THIS PROJECT.

8. ALL WORK SHOWN ON THESE DRAWINGS SHALL COMPLY WITH THE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

9. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CCD APPROVED BY THE DIVISION OF THE STATE ARCHITECT. AS REQUIRED BY SECTION 4-388, PART 1, TITLE 24, CCR.

10. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIROMENTAL HEALTH CONCIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

11. DRINKING WATER SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS.

12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE CODES. ALL ENGINEERING SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL, STATE AND FEDERAL REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS AND ADA REQUIREMENTS.

13. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO BIDDING AND START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE COMMENCING WORK.

14. ALL DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY UNITS, CENTERLINE OF COLUMNS AND BEAMS, OR FACE OF STUDS, UNLESS OTHERWISE NOTED. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE SLAB OR TOP OF INTERIOR PAVING UNLESS NOTED OTHERWISE. CEILING HEIGHT DIMENSIONS ARE TO FINISHED SURFACES UNLESS NOTED OTHERWISE.

15. THE CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH INSTALLATION OF CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK. SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE ARCHITECT'S AND THE CONSULTING ENGINEER'S DRAWINGS AND SPECIFICATIONS THAT WOULD CAUSE A CONFLICT, IT SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.

16. ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING ABBREVIATIONS OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.

17. DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL SIMILAR CASES UNLESS SPECIFICALLY INDICATED OTHERWISE.

GENERAL NOTES

1. PROJECT INSPECTOR AND TESTING LAB MUST BE EMPLOYED BY THE OWNER AND APPROVED BY A/E OF RECORD, STRUCTURAL ENGINEER, AND DSA.
2. THE PROJECT INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. A MINIMUM CLASS_3_ INSPECTOR IS REQUIRED.

PROJECT INSPECTOR AND TESTING LAB REQ

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.

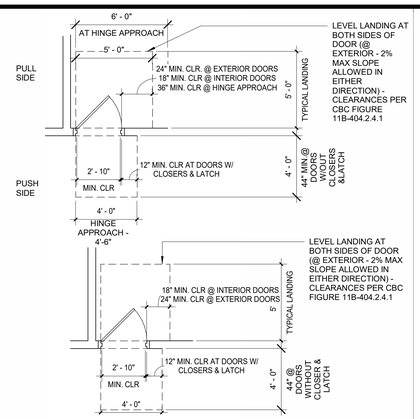
A LISTING OF CERTIFIED ATT CAN BE FOUND AT: HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE.

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

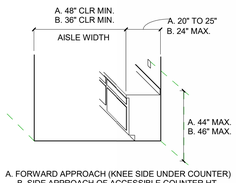
PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED

ACCEPTANCE TESTING REQUIREMENTS

18. ALL RUBBISH AND DEBRIS RESULTING FROM DEMOLITION AND/OR NEW WORK SHALL BE DISPOSED OF OFF-SITE AND SHALL NOT BE ALLOWED TO ACCUMULATE.
19. SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH SECTION 01 30 00 OF SPECIFICATIONS AND AS REQUIRED BY INDIVIDUAL SPECIFICATION SECTIONS.
20. NO SUBSTITUTIONS WILL BE ALL

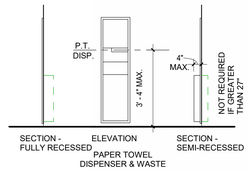


DOOR CLEARANCES | 1/4" = 1'-0" | 20

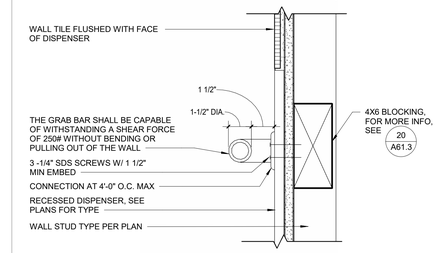


REACH OVER OBSTRUCTION
TYP. WALL MOUNT DIMENSION

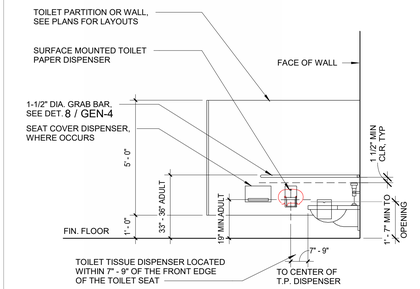
CASEWORK REACH | 3/8" = 1'-0" | 16



PAPER TOWEL DISPENSER AND WASTE | 3/8" = 1'-0" | 12



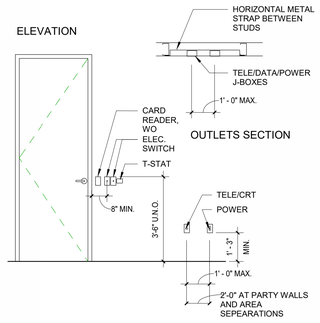
GRAB BAR | 3" = 1'-0" | 8



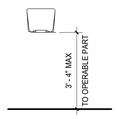
TOILET COMPARTMENT ACCESSORIES
INDIVIDUAL ITEMS

TOILET COMPARTMENT ACCESSORIES | 3/8" = 1'-0" | 4

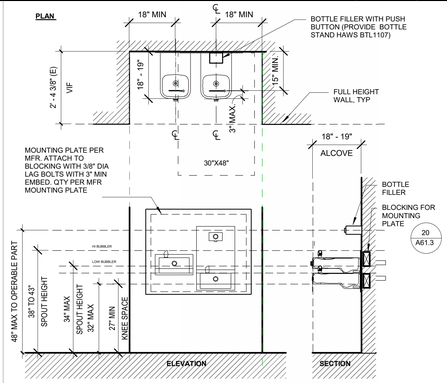
NOTE
1. SEE ELECTRICAL DRAWINGS FOR MORE INFO



RECEPTACLE AND SWITHCES | 3/8" = 1'-0" | 19

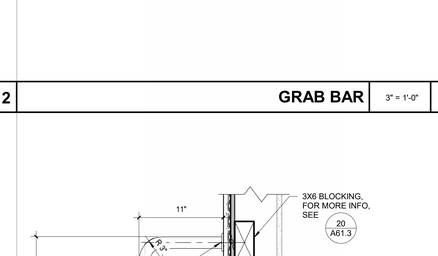


HAND DRYER | 3/8" = 1'-0" | 15

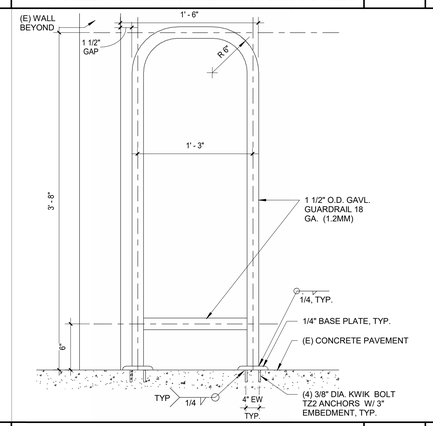


NOTES:
1. SEE PLANS FOR FIXTURE LOCATIONS.

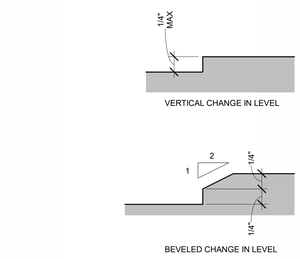
DRINKING FOUNTAIN - INTERIOR | 1/2" = 1'-0" | 11



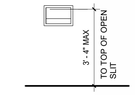
DRINKING FOUNTAIN RAILING | 1 1/2" = 1'-0" | 7



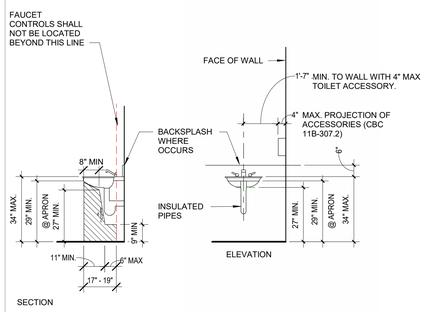
PIPE RAILS FLOOR MOUNTED - DF | 1 1/2" = 1'-0" | 3



CHANGES IN LEVEL | 12" = 1'-0" | 18



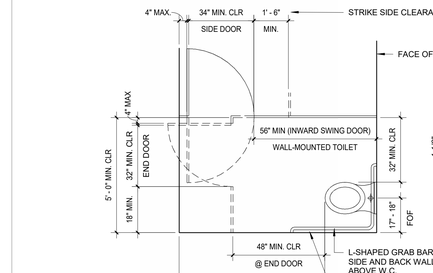
SEAT COVER DISPENSER | 3/8" = 1'-0" | 14



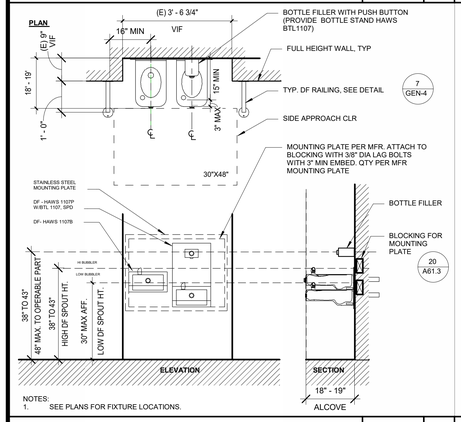
LAVATORY NOTES:

1. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER THE LAVATORY.
2. ALL WATER & DRAIN PIPES ACCESSIBLE UNDERLAVATORIES MUST BE INSULATED OR OTHERWISE COVERED.

LAVATORY KNEE CLEARANCE | 3/8" = 1'-0" | 10

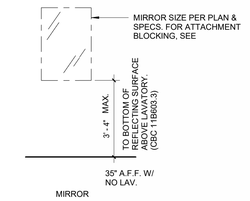


WATER CLOSET MOUNTING HEIGHTS- ADULTS | 3/8" = 1'-0" | 2

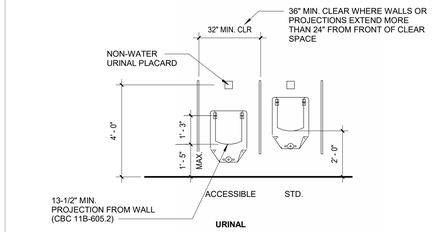


NOTES:
1. SEE PLANS FOR FIXTURE LOCATIONS.

DRINKING FOUNTAIN - EXTERIOR | 1/2" = 1'-0" | 17



MIRROR ABOVE LAVATORY | 3/8" = 1'-0" | 13



URINAL NOTES:

1. REFER TO PLANS FOR FIXTURES/ACCESORY LOCATIONS.
2. SEE ACCESSIBLE NOTES FOR ADDITIONAL RREQUIREMENTS.
3. IF A MINIMUM OF 9 INCHES OF TOE CLEARANCE IS PROVIDED, A MAX. OF 6 OF THE 48" INCHES OF CLEAR FLOOR SPACE IS RERQUIRED AT THE FIXTURE MAY EXTEND INTO THE TOE SPACE.

URINALS | 3/8" = 1'-0" | 9

Note: All height dimensions are A.F.F. (or A.F.G. for exterior). All horizontal dimensions are to face-of-finish.

2022 CBC Reference: T: Table, S: Section, F: Figure

	Adult	Ages 3-4	Ages 5-8	Ages 9-12	*2022 CBC Reference*
Toilet Offset	17"-18"	12"	12"-15"	15"-18"	***T 11B-604.9 S11B-604.2***
Toilet Seat Height	17"-19"	11"-12"	12"-15"	15"-17"	***T 11B-604.9 S11B-604.4***
Top of Grab Bar Gripping Surface	33"-36"	18"-20"	20"-25"	25"-27"	***T 11B-604.9 S11B-609.4***
T.P. Dispenser Outlet (A.F.F. to Outlet)	19" Min.	14"	14"-17"	17"-19"	***T 11B-604.9 S11B-604.7***
T.P. Dispenser centerline in front of W.C.	7"-9" centerline	7"-9" centerline	7"-9" centerline	7"-9" centerline	***S 11B-604.7***
Lav/Sink Rim Height	34" Max.	31" Max.	31" Max.	31" Max.	***S 11B-606.2 S 11B-606.3***
Lav/Sink Knee Clearance	27" Min. (29" Min. at apron for lavatory)	parallel approach permitted	Age 6-8, 24" Min. Age 5, parallel approcah permitted	24" Min.	***S 11B-606.2 F 11B-306.3***
Urinal Height	17" Max.	17" Max.	17" Max.	17" Max.	***S 11B-605.2***
Urinal Projection	13 1/2" Min.	13 1/2" Min.	13 1/2" Min.	13 1/2" Min.	***S 11B-605.2***
Urinal Flush Control Height	44" Max.	44" Max.	44" Max.	44" Max.	***S 11B-605.4***
High D.F. Spout Height	38"-43"	38"-43"	38"-43"	38"-43"	***S 11B-602.7***
Low D.F.Approach, Spout Height, and Spout Location from Front Edge of the Unit Including Bumpers	Front approach per 11B-306, 36" Max. A.F.F., & 5" Max from front edge of the unit	Parallel approach is permitted if spout is 30" Max. A.F.F. & 3 1/2" Max. from front edge of the unit	Parallel approach is permitted if spout is 30" Max. A.F.F. & 3 1/2" Max. from front edge of the unit	Parallel approach is permitted if spout is 30" Max. A.F.F. & 3 1/2" Max. from front edge of the unit	***S 11B-602.2 -Exception S 11B-602.4 S 11B-602.5***
D.F. Operable Parts	6" Max. from front edge of the unit.	6" Max. from front edge of the unit.	6" Max. from front edge of the unit.	6" Max. from front edge of the unit.	***S 11B-602.3***
Cantilever D.F. Projection	18"-19"	18"-19"	18"-19"	18"-19"	***S 11B-602.8***
Toe Clearance at Toilet Partition	9"	12"	12"	12"	***S 11B-604.8.1.4***
Shelf Height	40"-48"	40"-48"	40"-48"	40"-48"	***S 11B-604.8.3***
Restroom Accessory Reach Height	40" Max.	36" Max.	40" MAX	40" MAX	***T 11B-308.4 S 11B-603.5***
Mirror Height (Bottom Edge of Reflecting Surface)	40" Max. (above lav or countertop) 35" Max. (not above lav or countertop)	40" Max. (above lav or countertop) 35" Max. (not above lav or countertop)	37" Max. (above lav or countertop) 35" Max. (not above lav or countertop)	40" Max. (above lav or countertop) 35" Max. (not above lav or countertop)	***S 11B-603.3***
Mirror Height (Bottom Edge of Reflecting Surface) in Dressing, Fitting, & Locker Rooms	20" Max.	20" Max.	20" Max.	20" Max.	***S 11B-803.6***

MOUNTING HEIGHT DIMENSIONS | 12" = 1'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

STUDENT ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
Edward M. Kimura
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
DATE ISSUED: 2/12/26
SCALE: As indicated

SHEET NUMBER: GEN-4

SHEET TITLE:

COMMON AREA ACCESSIBILITY NOTES AND DETAILS

SVA ARCHITECTS
2335 BROADWAY #301 OAKLAND, CA 94612
T 510.267.3180 WWW.SVA-ARCHITECTS.COM

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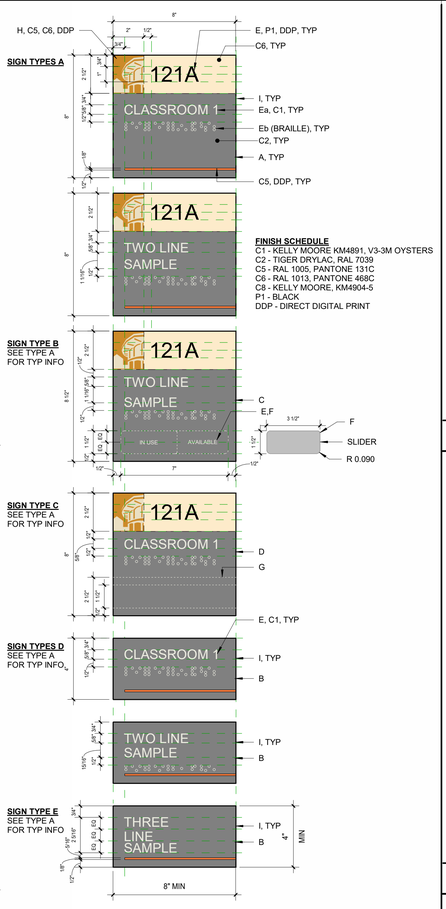
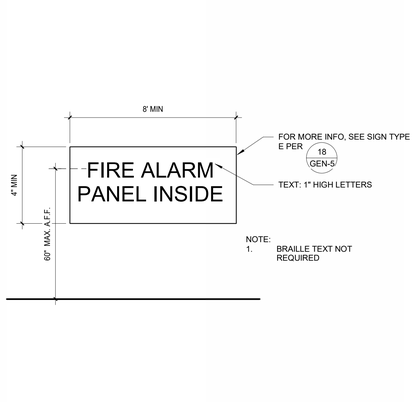


FINISH SCHEDULE
C1 - KELLY MOORE KM4891, V3-3M OYSTERS
C2 - TIGER DRYLAC, RAL 7039
C5 - RAL 1005, PANTONE 131C
C6 - RAL 1013, PANTONE 468C
C8 - KELLY MOORE, KM4904-5
P1 - BLACK
DDP - DIRECT DIGITAL PRINT

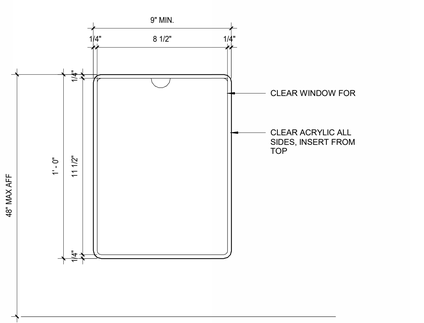
A. 1/4" PHOTOPOLYMER PAINTED, WITH RAISED COPY AND BRAILLE. WITH DIRECT DIGITAL FLAT GRAPHICS, MOUNTS TO SURFACE WITH VHB AND SILICONE.
B. 1/4" PHOTOPOLYMER PAINTED, WITH RAISED COPY AND BRAILLE. WITH DIRECT DIGITAL RULE LINE. MOUNTS TO SURFACE WITH VHB AND SILICONE.
C. 1/16" PHOTOPOLYMER PAINTED, WITH RAISED COPY AND BRAILLE. WITH DIRECT DIGITAL FLAT GRAPHICS. BACKER 3/16" MILLED FOR SLIDER, PAINTED. MOUNTS TO SURFACE WITH VHB AND SILICONE.
D. 1/16" NG ACRYLIC WITH RAISED COPY AND BRAILLE. WITH DIRECT DIGITAL AT GRAPHICS. MOUNTS TO SURFACE WITH VHB AND SILICONE.
E. DIGITALLY PRINTED RAISED GRAPHIC
   a. FONT - FRUTIGER 55 ROMAN
   b. BRAILLE: SEE 5/GEN-5 FOR MORE INFO
   c. TEXT RAISED 1/32" MIN FROM BACKGROUND
F. ROOM STATUS SLIDER BAR WITH DIGITAL PRINT GRAPHICS
G. 3/16" ACRYLIC WILL MILL OUT PAINTED.
H. 3D PRINTED DISTRICT LOGO, CONTRACTOR TO REQUEST GRAPHICS FROM DISTRICT PRIOR TO FABRICATION.
I. NON-GLARE BACKGROUND OF 70%

DISTRICT STANDARDS FOR SIGNAGE — 3" = 1'-0" — 18

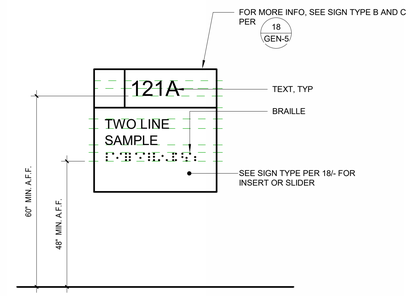


NOTE:
1. BRAILLE TEXT NOT REQUIRED

FIRE ALARM SIGN — 3" = 1'-0" — 16

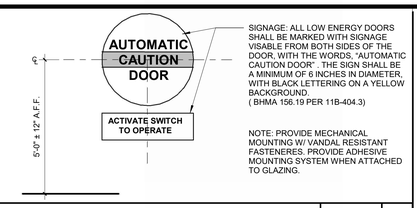


INFORMATION SIGN 1 — 3" = 1'-0" — 15

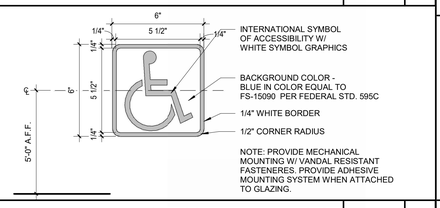


NOTE:
1. FOR TACTILE TEXT REQUIREMENTS, SEE 5 GEN-5 Sim
2. PROVIDE TYPE B FOR ROOMS: 107, 111, 121, 125A, 132
3. PROVIDE TYPE C FOR ROOMS: 102, 106, 112B

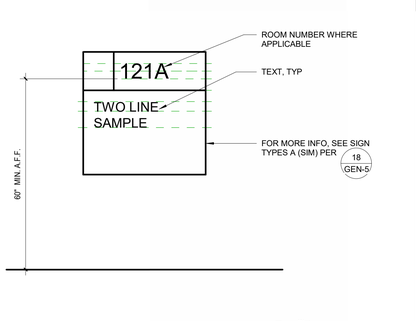
ROOM IDENTIFICATION SIGN (INSERT) — 3" = 1'-0" — 14



AUTOMATIC DOOR SIGN — 3" = 1'-0" — 12A

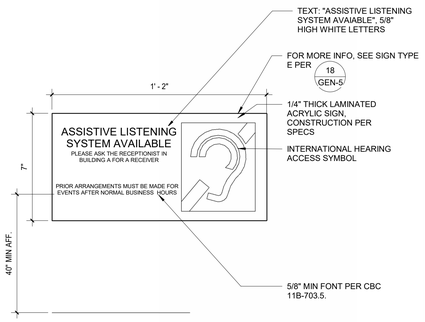


ACCESSIBLE ENTRY SIGN — 3" = 1'-0" — 12



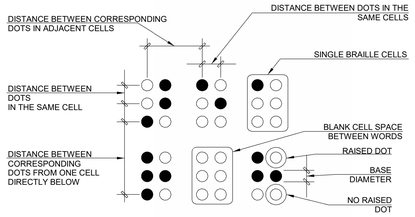
NOTE:
1. FOR TACTILE TEXT REQUIREMENTS, SEE 5 GEN-5 Sim

NON-TACTILE ROOM NUMBER SIGN — 3" = 1'-0" — 11



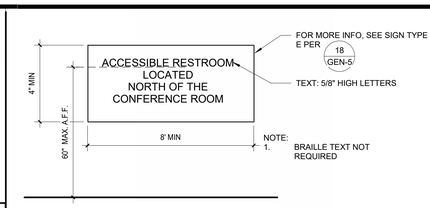
ASSISTIVE LISTENING SIGN — 3" = 1'-0" — 10

MEASUREMENT RANGE	MIN. IN INCHES MAX. IN INCHES
DOT BASE DIAMETER	0.059 (1.5MM) 0.063 (1.6MM)
DIST. BETWEEN TWO DOTS IN THE SAME CELL	0.100 (2.5MM)
DIST. BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS	0.300 (7.6 MM)
DOT HEIGHT	0.025 (0.6MM) 0.037 (0.9MM)
DIST. BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW	0.395 (10MM) 0.400 (10.2MM)



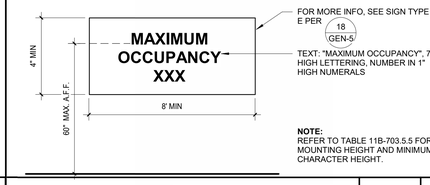
NOTE: REFER TO CBC TABLE 11B-703.3.1 FOR ADDITIONAL INFORMATION.

BRAILLE DETAIL — 1 : 1 — 9



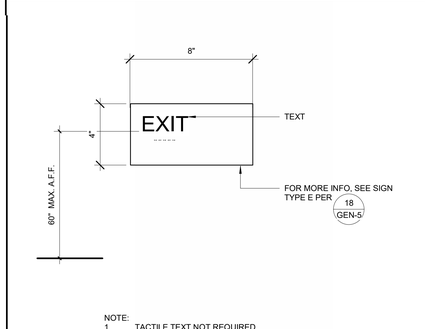
NOTE:
1. BRAILLE TEXT NOT REQUIRED

DIRECTIONAL SIGN - UNISEX RR — 3" = 1'-0" — 8.A



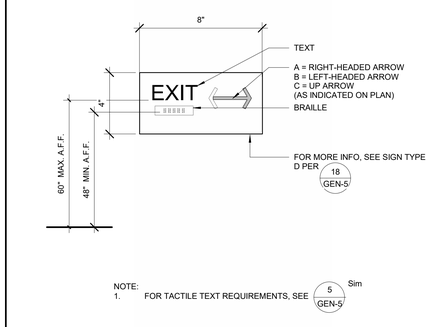
NOTE:
REFER TO TABLE 11B-703.5.5 FOR MOUNTING HEIGHT AND MINIMUM CHARACTER HEIGHT.

OCCUPANT LOAD SIGN — 3" = 1'-0" — 8



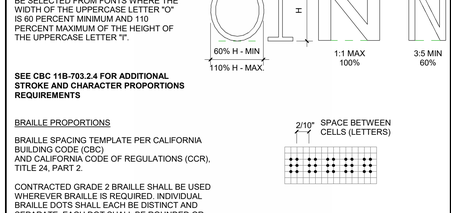
NOTE:
1. TACTILE TEXT NOT REQUIRED.

NON-TACTILE EXIT SIGN — 3" = 1'-0" — 7

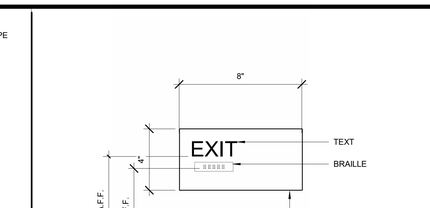


NOTE:
1. FOR TACTILE TEXT REQUIREMENTS, SEE 5 GEN-5 Sim

TACTILE EXIT ROUTE SIGN — 3" = 1'-0" — 6

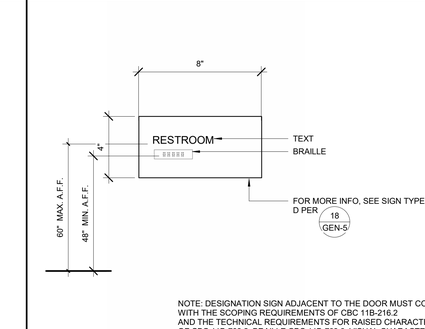


TACTILE SIGNAGE TEMPLATES — 1 : 1 — 5



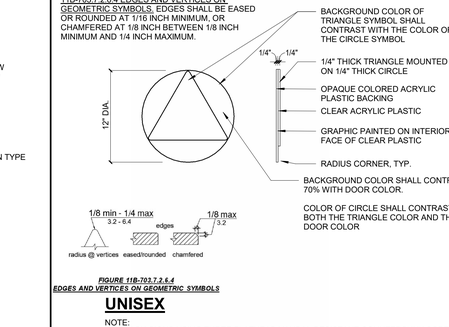
NOTE: DESIGNATION SIGN ADJACENT TO THE DOOR MUST COMPLY WITH THE SCOPING REQUIREMENTS OF CBC 11B-216.2 AND THE TECHNICAL REQUIREMENTS FOR RAISED CHARACTERS OF CBC 11B-703.2, BRAILLE CBC 11B-703.3, VISUAL CHARACTERS CBC 11B-703.5, AND REQUIREMENTS FOR INSTALLATION HEIGHT AND LOCATION PER CBC 11B- 703.4. NO PICTOGRAM SHALL BE USED.

RESTROOM SIGN - UNISEX — 3" = 1'-0" — 3



NOTE: DESIGNATION SIGN ADJACENT TO THE DOOR MUST COMPLY WITH THE SCOPING REQUIREMENTS OF CBC 11B-216.2 AND THE TECHNICAL REQUIREMENTS FOR RAISED CHARACTERS OF CBC 11B-703.2, BRAILLE CBC 11B-703.3, VISUAL CHARACTERS CBC 11B-703.5, AND REQUIREMENTS FOR INSTALLATION HEIGHT AND LOCATION PER CBC 11B- 703.4. NO PICTOGRAM SHALL BE USED.

RESTROOM SIGN - UNISEX — 3" = 1'-0" — 3



NOTE:
1. FOR TACTILE TEXT REQUIREMENTS, SEE 5 GEN-5 Sim

TACTILE EXIT ROUTE SIGN — 3" = 1'-0" — 6

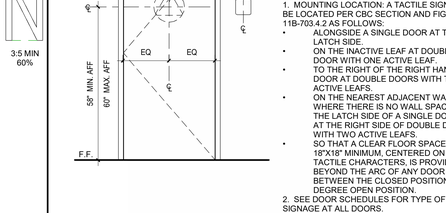
FIGURE 11B-703.7.2.6.4
EDGES AND VERTICES ON GEOMETRIC SYMBOLS

UNISEX

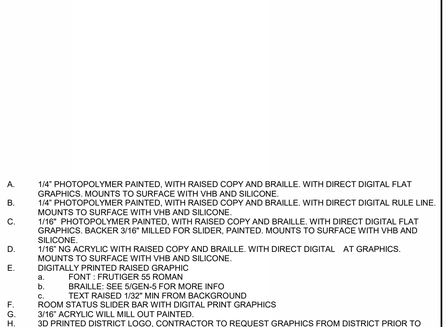
NOTE:
1. ATTACH SIGNS USING THREE FLATHEAD VANDAL RESISTANT COUNTERSUNK SCREWS AND ADHESIVE. SIGNS SHALL BE CENTERED ON THE DOOR AND MOUNTED BEING A 4'-10" MINIMUM AND A 5'-0" MAXIMUM ABOVE FINISH FLOOR LINE TO CENTER OF SIGN.

2. EDGES AND VERTICES ON GENERIC SYMBOLS SHALL BE EASED OR ROUNDED @1/16" MIN. OR CHAMFERED @1/8" MAX. VERTICES SHALL BE RADIUSED BETWEEN 1/8"MIN. AND 1/4" MAX. PER CBC 11B-703.7.2.6.4

TOILET ROOM DOOR SYMBOL - UNISEX — 1 1/2" = 1'-0" — 2



DOOR ROOM SIGNAGE — 1/2" = 1'-0" — 1



NOTE:
1. FOR TACTILE TEXT REQUIREMENTS, SEE 5 GEN-5 Sim

TACTILE EXIT NOT AN EXIT — 3" = 1'-0" — 17

NOTE:
1. FOR TACTILE TEXT REQUIREMENTS, SEE 5 GEN-5 Sim

ROOM NUMBER SIGN — 3" = 1'-0" — 13

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

STUDENT ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
Robert M. Simpson
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

DATE ISSUED: 2023-40178
PROJECT NO: 2/12/26
SCALE: As indicated
DSA APPLICATION No: ISSUE SET

SHEET NUMBER: GEN-5

SHEET TITLE:
PROJECT SIGNAGE

SVA ARCHITECTS
6 HUTTON CENTRE DR, SUITE 1150 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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1. (E) PARKING LOT



2. (E) PARKING LOT



3. POT FROM PARKING TO SITE



4. RECEPTION DESK



5. CORRIDOR/VAULT CEILING



6. LOBBY AREA / SARS STATION



7. VAULT CEILING



8. PRESCHOOL BACKYARD



9. CHILD DEVELOPEMENT LAB



10. COURTYARD NEAR CHILD DEV LAB



11. INFANTS CLASSROOM / INFANT TOILET



12. TODDLERS TOILET



13. INFANTS BACKYARD / FALL PROTECTION



14. PRESCHOOL BACKYARD



15. PLAY STRUCTURE



16. (E) BUILDING SIGN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB
BUILDING (BLDG. 3500) & PLAY
YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE:

GEN-6

REFERENCE PHOTOS OF (E) CONDITIONS

SVA ARCHITECTS

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CHABOT EARLY CHILDHOOD AND PLAY YARD

CIVIL CONSTRUCTION DOCUMENTS

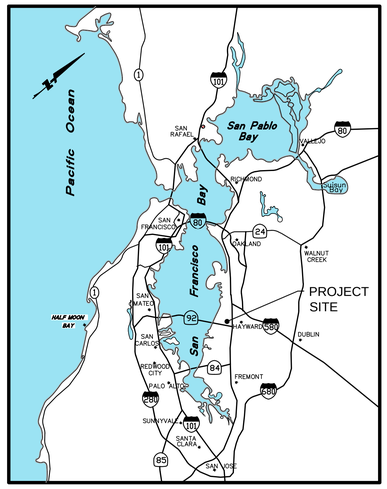
25555 HESPERIAN BOULEVARD, HAYWARD, CA 94545

SHEET INDEX

NUMBER	SHEET	DESCRIPTION
1	C1.0	TITLE SHEET & GENERAL NOTES
2	C2.0	EXISTING CONDITIONS & DEMOLITION PLAN
3	C3.0	SITE IMPROVEMENTS PLAN
4	C4.0	CONSTRUCTION DETAILS
5	C5.0	EROSION CONTROL PLAN
6	C5.1	EROSION CONTROL NOTES & DETAILS



VICINITY MAP
NTS



LOCATION MAP
NTS

ABBREVIATIONS

SYMBOL	DESCRIPTION
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
CONC	CONCRETE
DI	DROP INLET
DIA	DIAMETER
ELEV	ELEVATION
EX	EXISTING
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOW LINE
FS	FINISHED SURFACE
GB	GRADE BREAK
GC	GUIDE CURB
GR	GRATE
INV	INVERT
L/S	LANDSCAPE
MA	MATCH
O.C.	ON CENTER
RAD	RADIUS
SAD	SEE ARCHITECTURAL DRAWINGS
SD	STORM DRAIN
SDAD	STORM DRAIN AREA DRAIN
SLD	SEE LANDSCAPE DRAWINGS
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
TC	TOP FACE OF CURB
TYP	TYPICAL

CIVIL NOTES

A. GENERAL NOTES

1. THE ENGINEER OF RECORD'S (EOR) SIGNATURE AND/OR SEAL ON THESE CONSTRUCTION DOCUMENTS DO NOT NECESSARILY CONSTITUTE DOCUMENTS THAT HAVE BEEN OFFICIALLY PERMITTED BY THE GOVERNING AGENCY. IT IS THE CONTRACTORS RESPONSIBILITY TO CONFIRM WITH THE EOR AND/OR THE GOVERNING AGENCY ISSUING THE CONSTRUCTION PERMIT THAT THE VERSION OF THE DOCUMENTS THEY INTEND TO UTILIZE FOR CONSTRUCTION REPRESENT THE OFFICIAL PERMITTED DOCUMENTS, IRRESPECTIVE OF WHETHER THE DOCUMENTS CONTAIN THE EOR'S STAMP AND/OR SIGNATURE. EOR IS NOT RESPONSIBLE FOR ANY CONSTRUCTION PERFORMED BY THE CONTRACTOR USING DOCUMENTS NOT OFFICIALLY PERMITTED BY THE GOVERNING AGENCY.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED INSPECTIONS AND SHALL NOTIFY THE APPROPRIATE INDIVIDUAL OR AGENCY TWO (2) WORKING DAYS PRIOR TO THE TIME THAT THE CONTRACTOR WISHES THE INSPECTION TO BE MADE. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER TWO (2) WORKING DAYS PRIOR TO REQUIRED INSPECTION.
3. THESE PLANS AND SPECIFICATIONS, INCLUDING GRADES AND STREET DRAINAGE ARE SUBJECT TO MODIFICATION DURING CONSTRUCTION. SHOULD CONDITIONS APPEAR THAT WERE NOT APPARENT DURING DESIGN, ANY SUCH MODIFICATION SHALL BE APPROVED BY THE CITY ENGINEER.
4. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE LOCAL AGENCY ENGINEER AND BKF ENGINEERS. ANY DEVIATIONS OR CHANGES IN THESE PLANS WITHOUT OFFICIAL APPROVAL OF THE DESIGN ENGINEER SHALL ABSOLVE THE DESIGN ENGINEER OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION OR CHANGE.
5. CONTRACTOR SHALL NOT DESTROY OR ALTER ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF THE CITY ENGINEER. ANY PERMANENT MONUMENTS OR POINTS DESTROYED SHALL BE REPLACED BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN GRADING AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.
7. CONTRACTOR SHALL ADEQUATELY SHORE EXCAVATIONS TO PREVENT EARTH FROM SLIDING OR SETTLING AND AVOID DAMAGE TO EXISTING ADJACENT IMPROVEMENTS. DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. PROVIDE SHORING IN CONFORMANCE WITH APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND OSHA WHERE EXCAVATIONS ARE 4 FEET OR MORE IN DEPTH.
8. CONTRACTOR SHALL PROVIDE DUST CONTROL FOR THE ENTIRE PROJECT SITE AT ALL TIMES. THE SITE SHALL BE SPRINKLED WITH WATER AS NECESSARY TO PREVENT DUST NUISANCE.
9. CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY. THE CONTRACTOR SHALL SUBMIT AND OBTAIN APPROVAL OF TRAFFIC CONTROL PLANS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
10. CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOB SITE PRIOR TO THE START OF WORK.
11. CONSTRUCTION STAKING SHALL BE DONE BY A CIVIL ENGINEER OR LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA.
12. BKF ENGINEERS DOES NOT SPECIFY NOR RECOMMEND THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY PARTY INSTALLING OR USING SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT. THE PROVISIONS OF THIS NOTE SHALL APPLY UNLESS THEY ARE EXPRESSLY WAIVED IN WRITING BY BKF ENGINEERS.
13. THE GENERAL CONTRACTOR SHALL PROVIDE A QUALIFIED SUPERVISOR ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.
14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY THE CITY OF SAN RAFAEL OR WITH OTHER AGENCIES AS REQUIRED FOR HAULING ON LOCAL STREETS.
15. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED UP AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY ENGINEER.

B. EXISTING CONDITIONS

1. ALL DISTANCES AND DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
2. SUPPLEMENTAL TOPOGRAPHIC FIELD SURVEY WAS PERFORMED BY SANDIS, DATED AUGUST 26–29, 2024.
3. LOT LINES & RIGHT–OF–WAY LINES WERE BASED ON RECORD INFORMATION ONLY.
   A FORMAL BOUNDARY SURVEY MAY REQUIRE THE BENEFIT OF A PRELIMINARY TITLE REPORT.
4. EXISTING AND FUTURE SUBSURFACE IMPROVEMENTS AND UTILITIES SHOWN ON THESE PLANS WERE TAKEN FROM THE BEFORE–MENTIONED SURVEYS AND FUTURE DESIGN DESCRIBED IN NOTE 1. THESE PLANS ARE NOT MEANT TO BE A FULL CATALOG OF EXISTING SUBSURFACE CONDITIONS. CONTRACTOR SHALL CONDUCT FIELD INVESTIGATION TO VERIFY THE LOCATIONS AND ELEVATIONS OF EXISTING SUBSURFACE IMPROVEMENTS AND UTILITIES, WHETHER SHOWN ON PLANS OR NOT, PRIOR TO START OF EXCAVATION. IF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE PLANS ARE DISCOVERED, NOTIFY THE DESIGN ENGINEER IMMEDIATELY AND REQUEST DISCREPANCY BE RESOLVED.
5. IF CONTRACTOR FAILS TO INVESTIGATE KNOWN AND UNKNOWN EXISTING SUBSURFACE IMPROVEMENTS PRIOR TO ANY CONSTRUCTION ACTIVITIES AND UNFORESEEN CONDITIONS ARISE, ALL COSTS AND SCHEDULE IMPACTS WILL BE BORNE BY THE CONTRACTOR.
6. CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS FOR PRIVATE PROPERTIES ADJACENT TO CONSTRUCTION AREAS THROUGHOUT CONSTRUCTION PERIOD.
7. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICES ALERT) AT 1–800–642–2444, AND AFFECTED UTILITY COMPANIES A MINIMUM OF 2 WORKING DAYS PRIOR TO STARTING WORK TO REQUEST UTILITIES BE MARKED.

C. DEMOLITION

1. PRIOR TO COMMENCING DEMOLITION, CONTRACTOR SHALL OBTAIN A PERMIT FROM THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) AND REQUIRED SIGN–OFFS FROM THE WATER, SEWER, PLANNING AND RECYCLING DEPARTMENTS. THE PINK DEMOLITION PERMIT APPLICATION IS TO BE COMPLETED PRIOR TO BUILDING DEPARTMENT APPROVAL AND THE START OF WORK. CONTRACTOR MAY CALL BAAQMD FOR QUESTIONS CONCERNING OBTAINING A PERMIT FROM BAAQMD, PHONE NUMBER 415–749–4979 OR EMAIL AT www.baaqmd.gov
2. CONTRACTOR SHALL REMOVE FROM SITE AND DISPOSE OF IN A LAWFUL MANNER EXISTING STRUCTURES, UTILITIES, AND OTHER FEATURES AS INDICATED ON PLANS.
3. CONTRACTOR TO COORDINATE WORK WITH GOVERNING AGENCIES FOR EXISTING FIRE AND DOMESTIC LINES AND STRUCTURES WITHIN LIMIT OF WORK

D. EARTHWORK AND GRADING

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE, PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY BKF ENGINEERS IN WRITING IMMEDIATELY OF ANY DIFFERENCES IN TOPOGRAPHY FROM THAT SHOWN IN THIS PLAN, WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT EARTHWORK QUANTITIES.
2. THE CONTRACTOR MAY UNDERCUT THE STREET SUBGRADE DURING ROUGH GRADING IN ORDER THAT THE TRENCH SPOILS MAY BE LEFT IN THE STREET AREA AND COMPACTED DURING FINAL SUBGRADE PRIOR TO PLACEMENT OF BASE ROCK. THE UNDERCUT SHOULD BE ADEQUATE TO ACCEPT ALL TRENCH SPOILS, INCLUDING JOINT TRENCH SPOILS.
3. ALL GRADING, EARTHWORK, AND SITE PREPARATION OPERATIONS ARE TO CONFORM WITH THE GUIDELINES AND REQUIREMENTS CONTAINED IN THE PROJECT, ALONG WITH ANY ASSOCIATED SUPPLEMENTAL DOCUMENTS. ALL GRADING SHOULD ADDITIONALLY BE IN ACCORDANCE WITH THE CLAY CAP CLOSURE PLANS.
4. FILL SHOULD CONSIST OF ONSITE OR IMPORTED SOIL THAT IS NON–CORROSIVE, NON–HAZARDOUS, FREE OF ORGANIC MATTER OR OTHER DELETERIOUS MATERIAL CONTAINS NO ROCK OR LUMPS LARGER THAN FOUR INCHES IN GREATEST DIMENSION, HAS A LIQUID LIMIT OF LESS THAN 40 AND A PLASTICITY INDEX LOWER THAN 12 IS APPROVED, AND COMPACTION SHALL BE IN ACCORDANCE WITH THE SPECIFIED STANDARDS.

E. UTILITIES

1. THE CONTRACTOR SHALL COORDINATE UTILITY RELOCATION WORK WITH RESPONSIBLE AGENCIES.
2. GRAVITY FLOW UTILITIES SHALL BE CONSTRUCTED FROM DOWNSTREAM CONNECTION POINT TO UPSTREAM TERMINUS.
3. PROVIDE MINIMUM 12–INCH VERTICAL CLEARANCE BETWEEN ADJACENT UTILITY PIPES AT UTILITY CROSSINGS UNLESS OTHERWISE NOTED ON PLANS.
4. THE CONTRACTOR SHALL NOTIFY UTILITY PROVIDER MINIMUM 2 WORKING DAYS PRIOR TO COMMENCING WORK OR CONNECTION TO EXISTING UTILITIES. IF EXISTING WATER, STORM DRAIN, SEWER, GAS OR OTHER UTILITY SERVICES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION, NOTIFY UTILITY OWNER IMMEDIATELY.
5. EXISTING UTILITIES TO REMAIN SHALL BE PROTECTED FROM DAMAGE CAUSED BY CONTRACTOR'S WORK.
6. UTILITY STRUCTURES IN PAVED AREAS SHALL BE PROVIDED WITH MATERIALS SUITABLE FOR H–20 LOADING.
7. PIPE LENGTHS SHOWN ON PLANS ARE FOR ENGINEERING CALCULATIONS ONLY AND ARE NOT INTENDED AS BID QUANTITIES OR FOR ORDERING MATERIALS.
8. ALL UNDERGROUND UTILITY WORK SHALL BE DONE TO THE CITY'S SATISFACTION. ALL UNDERGROUND UTILITY WORK SHALL BE INSPECTED BY THE PUBLIC WORKS DEPARTMENT. WATER UTILITY WORK SHALL BE INSPECTED BY FIRE AND PUBLIC WORKS DEPARTMENTS.

F. AS-BUILT DRAWINGS

1. THE CONTRACTOR SHALL KEEP ACCURATE RECORD OF FINAL LOCATION, ELEVATION AND DESCRIPTION OF WORK ON A COPY OF FINAL APPROVED CONSTRUCTION DOCUMENTS. NOTE THE LOCATIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS ENCOUNTERED THAT VARY FROM THE LOCATIONS SHOWN ON THE IMPROVEMENT PLANS. THE CONTRACTOR SHALL PROVIDE COPY OF AS–BUILT INFORMATION TO OWNER AT COMPLETION OF PROJECT AND TO CITY PUBLIC WORKS.

G. STATEMENT OF RESPONSIBILITY

1. CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE CITY, ITS AGENTS, SAN RAFAEL CITY SCHOOLS, OWNER, AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.

H. UNAUTHORIZED CHANGES AND USES

1. THE DESIGN ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND REQUIRE WRITTEN APPROVAL FROM BKF ENGINEERS.

I. SEDIMENTATION AND POLLUTION CONTROL

1. CONTRACTOR TO IMPLEMENT ALL SEDIMENTATION AND POLLUTION CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLANS AND DETAILS INCLUDED IN THESE IMPROVEMENT PLANS.
2. CONTRACTOR TO COORDINATE WITH THE CITY OF SAN RAFAEL PUBLIC WORKS DEPARTMENT ON THE SCHEDULING OF DUST CONTROL METHODS AND LIMITED WATER USE AS REQUIRED BY THE CITY'S WATER CONSERVATION ORDINANCE.
3. CONTRACTOR TO FOLLOW REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) THAT WILL BE PREPARED BY BKF ENGINEERS. CONTRACTOR TO COMPLETE THE PROJECT INFORMATION SECTION AND SUBMIT A COPY TO THE ENGINEER PRIOR TO BEGINNING OF WORK. CONTRACTOR AND QSP SHALL UPDATE THE SWPPP AS NECESSARY AND THE PROJECT SMARTS WEBSITE. A COPY OF THE SWPPP SHALL REMAIN ON–SITE THROUGHOUT CONSTRUCTION.
4. TRUCKS TRANSPORTING FILL MATERIAL TO BE COVERED OR PROTECTED IN SUCH A WAY AS TO PREVENT SLOUGHING AND/OR SPILLAGE.
5. CONTRACTOR TO BE RESPONSIBLE FOR DUST CONTROL REQUIRED IN THE PROJECT SPECIFICATIONS.
6. CONTRACTOR TO BE RESPONSIBLE FOR OFF–SITE DAMAGE RESULTING FROM THE LACK OF DUST CONTROL AND TO PROVIDE MITIGATION MEASURES, AT HIS SOLE EXPENSE, AS DIRECTED BY THE COUNTY AND/OR ADJACENT CITY(S).
7. EROSION AND SEDIMENT CONTROL MEASURES TO BE IMPLEMENTED DURING AND AFTER FINAL GRADING. SLOPE PROTECTIVE MATS, SEDIMENT TRAPS, AND/OR DESILTING BASINS TO BE INSTALLED TO CONTROL SEDIMENT TRANSPORTATION. SILT FENCE TO BE PLACED AROUND THE PERIMETER OF THE SITE AND WATERING OF THE SITE TO BE APPLIED CONTINUOUSLY DURING THE GRADING OPERATION IN A MANNER THAT MINIMIZES DUST PROBLEMS DURING AND AFTER CONSTRUCTION HOURS.
8. ALL EXISTING INLETS IN THE VICINITY THAT MAY BE IMPACTED IS TO BE PROTECTED BY INSTALLING SEDIMENT CONTROL MEASURES. MEASURES TO BE MAINTAINED UNTIL GRADING OPERATIONS ARE COMPLETE AND ON–SITE EROSION AND SEDIMENT CONTROL MEASURES ARE FUNCTIONAL. CONTRACTOR TO REMOVE ALL SILT WHICH ENTERS THE CITY MAINTAINED STORM DRAIN SYSTEM IMMEDIATELY AND TO REIMBURSE THE CITY ITS FULL COST ASSOCIATED WITH THE INSPECTION AND REMOVAL OF SUCH SILT. IN THE CASE OF ANY DISPUTE, CONTRACTOR TO BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH TV INSPECTION AND REEVALUATION.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
KEVIN WONG
No. C 72285
CIVIL
STATE OF CALIFORNIA

REVISIONS:

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PROJECT NO: 2023-40178

DATE ISSUED: 02/12/26

SCALE: As indicated

C1.0

TITLE SHEET & GENERAL NOTES

BKF ENGINEERS
2100 FRANKLIN STREET
SUITE 4C
OAKLAND, CA 94612
(510) 899-7300
www.bkf.com



LEGEND:

- LIMIT OF WORK
- CONTOUR LINE
- STORM DRAIN LINE
- SANITARY SEWER LINE
- WATER LINE
- FIRE WATER LINE
- ELECTRIC LINE
- COMMUNICATIONS LINE
- IRRIGATION LINE
- JOINT TRENCH
- DEMO CLEAR AND GRUB
- REMOVE EXISTING CONCRETE PAVEMENT TO SUBGRADE
- REMOVE EXISTING ASPHALT PAVEMENT TO SUBGRADE
- DEMOLISH EXISTING BUILDING AND EXISTING OVERHANG
- EXISTING FIRE ACCESS LANE

KEYNOTES:

1. PROTECT EXISTING STRUCTURE
2. RAISE EXISTING STRUCTURE TO PROPOSED GRADE, SEE C3.0
3. REMOVE AND REPLACE
4. REMOVE/DEMOLISH
5. EXISTING FENCE & GATE TO BE REMOVED/MODIFIED PER ARCHITECTURAL DRAWINGS

NOTES:

1. EXISTING UTILITIES SHOWN ARE BASED ON RECORD DRAWINGS AND SUPPLEMENTAL TOPOGRAPHIC FIELD SURVEY PERFORMED BY SANDIS ON AUGUST 26TH, 2024 THROUGH AUGUST 29TH, 2024. THE EXISTING UTILITIES SHOWN ARE NOT MEANT TO BE A FULL CATALOGUE OF ACTUAL CONDITIONS. ACTUAL LOCATION, SIZE, AND PRESENCE OF ANY ADDITIONAL UTILITIES NOT SHOWN ON THIS PLAN SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. IF UNDERGROUND FACILITIES ARE DISCOVERED BUT NOT SHOWN ON THESE PLANS, NOTIFY THE OWNER'S REPRESENTATIVE BEFORE REMOVAL OF SAID MATERIAL. PRIOR TO START OF CONSTRUCTION CONTRACTOR SHALL VERIFY THAT EXISTING CONDITONS AT THE PROJECT SITE ARE AS SHOWN ON THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE INFORMATION SHOWN ON THESE IMPROVEMENT PLANS.
3. CONTRACTOR TO USE CAUTION WHEN WORKING ADJACENT TO EXISTING BUILDING.
4. CONTRACTOR TO CLEAR AND GRUB WITHIN THE LIMITS OF PROPOSED WORK, UNLESS OTHERWISE NOTED ON PLANS.
5. RIM ELEVATIONS FOR EXISTING UTILITY STRUCTURES SHALL BE RAISED TO PROPOSED SURFACE ELEVATIONS PER SITE IMPROVEMENT PLANS ON SHEET C3.0.
6. THE CONTRACTOR IS REQUIRED BY STATE LAW TO ACTIVELY RESEARCH THE WORK AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION, REFERENCE ANY MONUMENTS, AND REPLACE THOSE DAMAGED OR REMOVED DURING CONSTRUCTION.
7. THE LIMITS OF DEMOLITION ARE SHOWN APPROXIMATELY ONLY. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING SURROUNDINGS, LANDSCAPE, AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, AND SIDEWALKS AND AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES OR HAZARDOUS CONDITIONS.
8. ANY EXISTING CURB, SIDEWALK, LANDSCAPE/IRRIGATION, UTILITIES, AND OTHER SITE FEATURES THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE TO BE PROTECTED IN PLACE, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE ENGINEER.
9. THE BASIS OF ELEVATION FOR THIS SURVEY IS A CITY OF HAYWARD BENCHMARK LOCATED AT THE INTERSECTION OF HESPERIAN BOULEVARD AND CATHY WAY. ELEVATION = 39.40 FEET.
10. ADDENDUM TO SHEET NOTE 1- EXISTING UTILITES. PROTECT ALL CONDUITS IN PLACE UNLESS SPECIFICALLY MARKED FOR DEMOLITION.

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C2.0

EXISTING CONDITIONS & DEMOLITION PLAN

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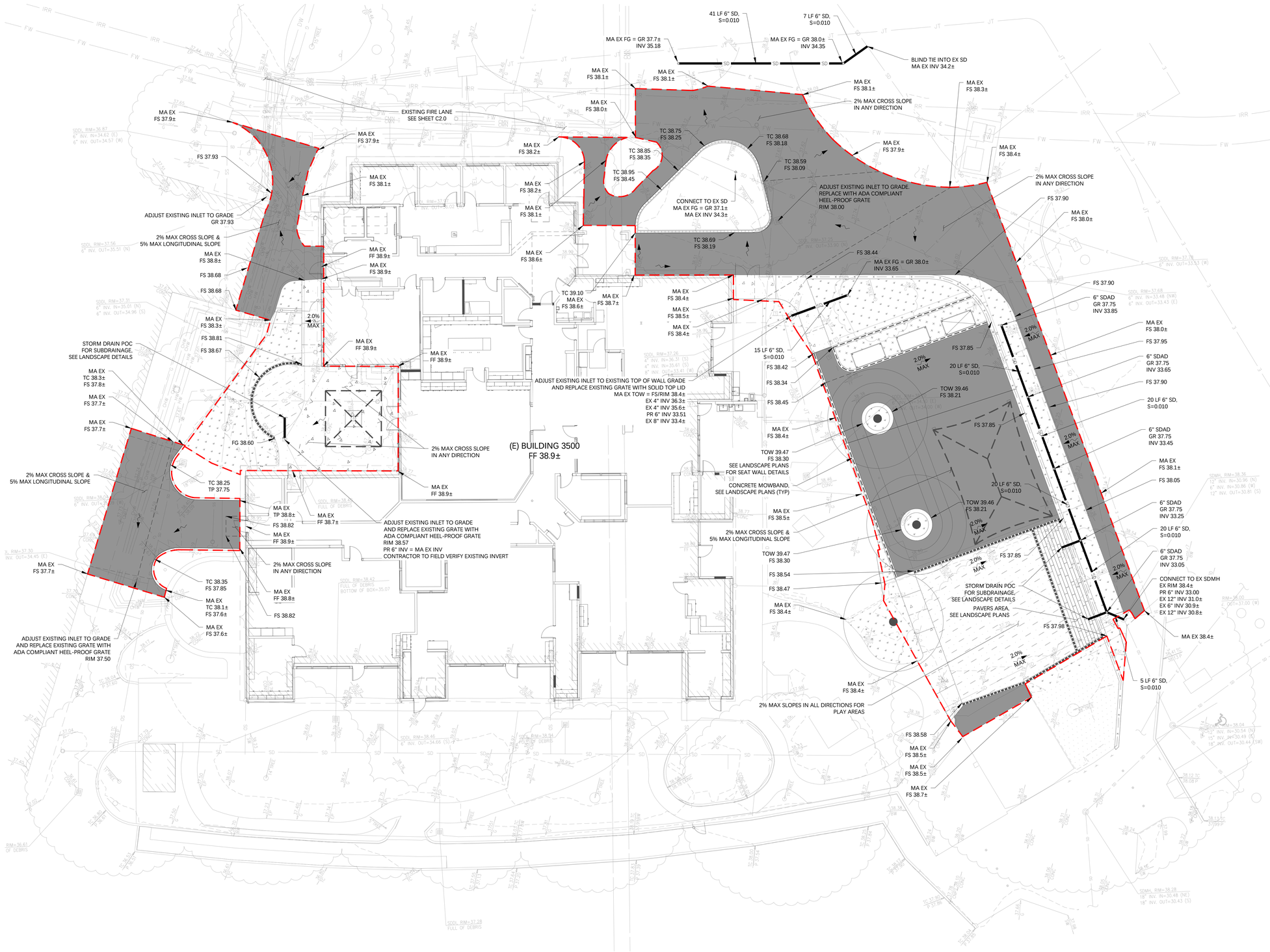
OAKLAND, CA 94612
(510) 899-7300
www.bkf.com



LEGEND:

- LIMIT OF GRADING
- GRADE BREAK
- SD — STORM DRAIN LINE 6" PVC SDR-35
- AREA DRAIN (1 / C4.0)
- ASPHALT CONCRETE PAVEMENT 1.5"AC/10" CLASS II AB (4 / C4.0)
- CONCRETE PAVEMENT SHOWN FOR REFERENCE ONLY, SEE LANDSCAPE PLANS
- SYNTHETIC TURF SHOWN FOR REFERENCE ONLY, SEE LANDSCAPING PLANS
- LANDSCAPE AREA SHOWN FOR REFERENCE ONLY, SEE LANDSCAPE PLANS
- PAVER AREAS SHOWN FOR REFERENCE ONLY, SEE LANDSCAPE PLANS
- EXISTING BUILDING WALL

NOTES:

1. THE LIMITS OF WORK/GRADING SHOWN ARE APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE FULL EXTENTS TO MATCH EXISTING SURROUNDINGS, LANDSCAPE, AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION, AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS-SLOPES OR HAZARDOUS CONDITIONS (TYPICAL AT ALL NEW HARDSCAPE AND LANDSCAPE IMPROVEMENTS).
2. CONTRACTOR SHALL FIELD VERIFY FLOOR ELEVATIONS OF EXISTING BUILDINGS AND PAVEMENT ELEVATIONS AT CONFORMS PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHEN GRADING ADJACENT TO ADJACENT BUILDINGS TO PROTECT EXISTING FOUNDATIONS AND ALL OTHER COMPONENTS.
4. RIMS OF UTILITY STRUCTURES SHALL BE ADJUSTED TO FINISHED GRADE IN AREAS OF RE-GRADING. IN PAVED AREAS, ELEVATION DIFFERENCE SHALL NOT BE MORE THAN 1/4 INCH BETWEEN RIMS AND ADJACENT SURFACE. ALL EXISTING UTILITY BOXES, VAULTS, AND STRUCTURES TO REMAIN TO FINISHED GRADE.
5. ALL PAVED AREAS ARE TO SLOPE A MINIMUM OF 0.5% ACCESSIBLE STALLS AND LOADING ZONES ARE TO SLOPE AT A MAXIMUM OF 2% IN ALL DIRECTIONS. ACCESSIBLE PATHWAYS ARE TO SLOPE AT A MAXIMUM OF 5% IN THE DIRECTION OF TRAVEL AND THE SLOPE CROSSWAYS TO THE DIRECTION OF TRAVEL SHALL BE AT A MAXIMUM OF 2% ANY AREAS ON THE SITE NOT CONFORMING TO THESE BASIC RULES DUE TO EXISTING CONDITIONS OR DISCREPANCIES IN THE DOCUMENTS ARE TO BE REPORTED TO THE ENGINEER/ARCHITECT PRIOR TO PROCEEDING WITH PLACEMENT OF BASE ROCK, FORM WORK AND/OR FLATWORK. TRANSITIONS BETWEEN PROPOSED AND EXISTING IMPROVEMENTS SHALL BE SMOOTH AND FREE OF ABRUPT CHANGES.
6. REFER TO LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR CURB DETAILS AND SURFACING INFORMATION (PEDESTRIAN CONCRETE PAVEMENT DETAILS, INCLUDING JOINTS, SCORING, PATTERN, COLOR AND FINISH).
7. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR WATERPROOFING REQUIREMENTS, DOOR, FENCE, AND GATE DETAILS.
8. ANY EXISTING SITE FEATURES TO REMAIN THAT HAVE BEEN DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN-KIND AT NO COST TO THE OWNER.

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C3.0

SITE IMPROVEMENTS PLAN

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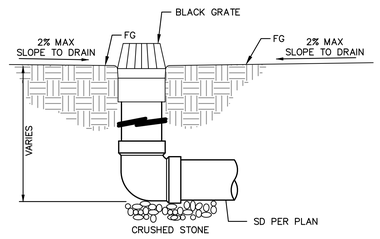
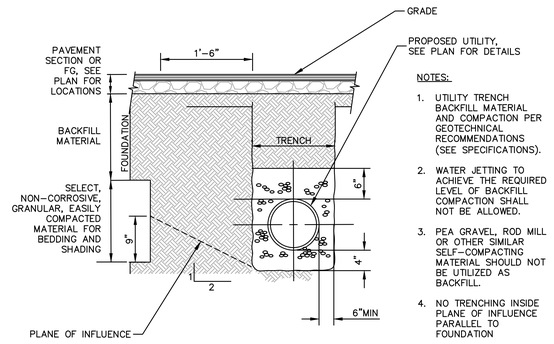


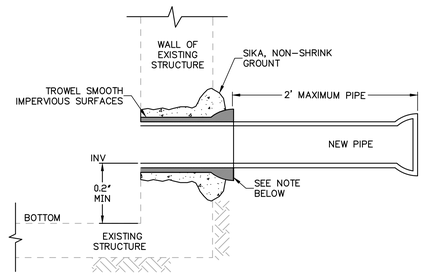
1 6" STORM DRAIN AREA DRAIN
NOT TO SCALE



NOTES:

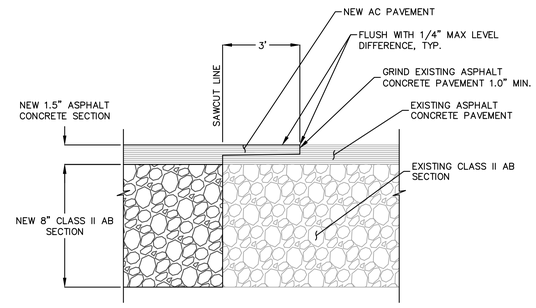
1. UTILITY TRENCH BACKFILL MATERIAL AND COMPACTION PER GEOTECHNICAL RECOMMENDATIONS (SEE SPECIFICATIONS).
2. WATER JETTING TO ACHIEVE THE REQUIRED LEVEL OF BACKFILL COMPACTION SHALL NOT BE ALLOWED.
3. PEA GRAVEL, ROD MILL OR OTHER SIMILAR SELF-COMPACTING MATERIAL SHOULD NOT BE UTILIZED AS BACKFILL.
4. NO TRENCHING INSIDE PLANE OF INFLUENCE PARALLEL TO FOUNDATION

2 UTILITY TRENCH
NOT TO SCALE



NOTE:
1. IF NEW PIPE IS PLASTIC, USE PVC MANHOLE ADAPTOR OR APPROVED EQUAL.

3 PIPE CONNECTION TO EXISTING STRUCTURE
NOT TO SCALE



4 ASPHALT CONCRETE PAVEMENT CONFORM
NOT TO SCALE

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C4.0

CONSTRUCTION DETAILS

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OAKLAND, CA 94612
(510) 899-7300
www.bkf.com

LEGEND:

- LIMIT OF WORK
- FIBER ROLL
- INLET PROTECTION

NOTES:

1. INLET PROTECTION SHOWN FOR REFERENCE ONLY. CONTRACTOR TO FOLLOW GUIDANCE PER THE SWPPP AND ONSITE QSP.
2. SEE SHEET C5.1 FOR ADDITIONAL EROSION CONTROL PLAN NOTES

10 0 10 20
scale 1" = 10' feet

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C5.0

EROSION CONTROL PLAN

BKF ENGINEERS
2100 FRANKLIN STREET
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(510) 899-7300
www.bkf.com

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES FOR THE CITY OF HAYWARD STANDARD SPECIFICATIONS AND STANDARD PLANS FOR THE DESIGN AND IMPLEMENTATION OF EROSION SEDIMENT CONTROL MEASURES SHOWN OR STATED ON THESE PLANS.
2. CONTRACTOR MUST ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM. CONTRACTOR SHALL HAVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN PLACE FOR THE WINTER MONTHS PRIOR TO OCTOBER 15TH.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
4. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF OR AT THE DIRECTION OF A REPRESENTATIVE OF THE DEPARTMENT OF UTILITIES.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
6. CONTRACTOR SHALL MAINTAIN A LOG AT THE SITE OF ALL INSPECTIONS OR MAINTENANCE OF BMPS, AS WELL AS, ANY CORRECTIVE CHANGES TO THE BMPS OR EROSION AND SEDIMENT CONTROL PLAN.
7. IN AREAS WHERE SOIL IS EXPOSED, PROMPT REPLANTING WITH NATIVE COMPATIBLE, DROUGHT–RESISTANT VEGETATION SHALL BE PERFORMED. NO AREAS WILL BE LEFT EXPOSED OVER THE WINTER SEASON.
8. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING. LOCATION OF THE ENTRANCE MAY BE ADJUSTED BY THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL REMAIN IN PLACE UNTIL THE ROAD BASE ROCK COURSE IS COMPLETED.
9. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY OR AS NECESSARY.
10. CONTRACTOR SHALL PLACE STORM DRAIN INLET PROTECTION AROUND ALL NEW DRAINAGE STRUCTURE OPENINGS IMMEDIATELY AFTER THE STRUCTURE OPENING IS CONSTRUCTED. THESE STORM DRAIN INLET PROTECTION SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
11. CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS:

A. SOLID WASTE MANAGEMENT: PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS. ARRANGE FOR REGULAR REMOVAL AND DISPOSAL. CLEAR SITE OF TRASH INCLUDING ORGANIC DEBRIS, PACKAGING MATERIALS, SCRAP OR SURPLUS BUILDING MATERIALS, AND DOMESTIC WASTE DAILY.

B. MATERIAL DELIVERY AND STORAGE: PROVIDE A DESIGNATED MATERIAL STORAGE AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. STORE MATERIAL ON PALLETS AND PROVIDE COVERING FOR SOLUBLE MATERIALS. RELOCATE STORAGE AREA INTO BUILDING SHELL WHEN POSSIBLE. INSPECT AREA WEEKLY.

C. CONCRETE WASTE: PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH–OUT. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP ITS WASTE AND CLEAN ITS TRUCK INTO THE CITY STORM DRAINS VIA CURB AND GUTTER. INSPECT DAILY TO CONTROL RUNOFF, AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.

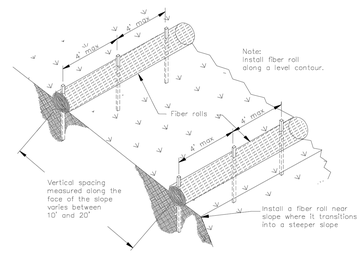
D. PAINT AND PAINTING SUPPLIES: PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUTANTS INCLUDING MATERIAL STORAGE, USE, AND CLEAN UP. INSPECT SITE WEEKLY FOR EVIDENCE OF IMPROPER DISPOSAL.

E. VEHICLE FUELING, MAINTENANCE, AND CLEANING: PROVIDE A DESIGNATED FUELING AREA WITH SECONDARY CONTAINMENT SUCH AS BERMING. DO NOT ALLOW MOBILE FUELING OF EQUIPMENT. PROVIDE EQUIPMENT WITH DRIP PANS. RESTRICT ONSITE MAINTENANCE AND CLEANING OF EQUIPMENT TO A MINIMUM. INSPECT AREA WEEKLY.

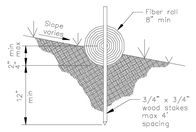
F. HAZARDOUS WASTE MANAGEMENT: PREVENT THE DISCHARGE OF POLLUTANTS FROM HAZARDOUS WASTES TO THE DRAINAGE SYSTEM THROUGH PROPER MATERIAL USE, WASTE DISPOSAL, AND TRAINING OF EMPLOYEES. HAZARDOUS WASTE PRODUCTS COMMONLY FOUND ON–SITE INCLUDE BUT ARE NOT LIMITED TO PAINTS & SOLVENTS, PETROLEUM PRODUCTS, FERTILIZERS, HERBICIDES & PESTICIDES, SOIL STABILIZATION PRODUCTS, ASPHALT PRODUCTS, AND CONCRETE CURING PRODUCTS.

12. REFERENCE: "CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICE (BMP) HANDBOOK", LATEST EDITION.
13. CONSTRUCTION AREAS SHOWN ARE CONCEPTUAL. ACTUAL PLACEMENT TO BE DETERMINED BY CONTRACTOR BASED ON CURRENT BEST MANAGEMENT PRACTICES. CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING PLAN.
14. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN EFFECT AND MAINTAINED BY THE CONTRACTOR ON A YEAR–ROUND BASIS UNTIL ALL DISTURBED AREAS ARE STABILIZED UNLESS OTHERWISE PERMITTED BY THE CITY INSPECTOR.
15. AS PART OF THE GRADING OPERATIONS, THE CONTRACTOR SHALL ENSURE THAT THE SITE IS WATERED PRIOR TO THE COMMENCEMENT OF GRADING.
16. ALL INLETS RECEIVING STORM WATER RUNOFF FROM THE PROJECT AREA MUST BE EQUIPPED WITH REQUIRED INLET PROTECTION.
17. ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIALS AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF ENTERING THE STORM DRAIN SYSTEM.
18. ALL CONCRETE SLURRY SHALL BE CONTAINED IN CONCRETE WASH–OUT AREAS DESIGNATED ON–SITE.
19. STOCKPILED EARTHEN MATERIAL SHALL BE EITHER COVERED WITH A TARP OR WATERED SUFFICIENTLY TO ELIMINATE DUST.
20. TEMPORARY EROSION CONTROLS TO STABILIZE ALL DENUDED AREAS UNTIL PERMANENT EROSION CONTROLS ARE ESTABLISHED.
21. DELINEATE WITH FIELD MARKERS CLEARING LIMITS, EASEMENTS, SETBACKS, SENSITIVE OR CRITICAL AREAS, BUFFER ZONES, TREES, AND DRAINAGE COURSES.
22. PERFORM CLEARING AND EARTH MOVING ACTIVITIES ONLY DURING DRY WEATHER.
23. USE SEDIMENT CONTROLS OR FILTRATION TO REMOVE SEDIMENT WHEN DEWATERING AND OBTAIN ALL NECESSARY PERMITS.
24. PROTECT ALL STORM DRAIN INLETS IN VICINITY OF SITE USING SEDIMENT CONTROLS SUCH AS BERMS, FIBER ROLLS, OR FILTERS.
25. TRAP SEDIMENT ON–SITE, USING BMPS SUCH AS SEDIMENT BASINS OR TRAPS, EARTHEN DIKES OR BERMS, SILT FENCES, CHECK DAMS, SOIL BLANKETS OR MATS, COVERS FOR SOIL STOCK PILES, ETC.
26. DIVERT ON–SITE RUNOFF AROUND EXPOSED AREAS; DIVERT OFF–SITE RUNOFF AROUND THE SITE (E.G., SWALES AND DIKES).
27. PROTECT ADJACENT PROPERTIES AND UNDISTURBED AREAS FROM CONSTRUCTION IMPACTS USING VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES, MULCHING, OR OTHER MEASURES AS APPROPRIATE.
28. LIMIT CONSTRUCTION ACCESS ROUTES AND STABILIZE DESIGNATED ACCESS POINTS.
29. NO CLEANING, FUELING, OR MAINTAINING VEHICLES ON–SITE, EXCEPT IN A DESIGNATED AREA WHERE WASHWATER IS CONTAINED AND TREATED.
30. STORE, HANDLE, AND DISPOSE OF CONSTRUCTION MATERIALS/WASTES PROPERLY TO PREVENT CONTACT WITH STORMWATER.
31. CONTRACTOR SHALL TRAIN AND PROVIDE INSTRUCTION TO ALL EMPLOYEES/SUBCONTRACTORS RE: CONSTRUCTION BMPS.
32. CONTROL AND PREVENT THE DISCHARGE OF ALL POTENTIAL POLLUTANTS, INCLUDING PAVEMENT CUTTING WASTES, PAINTS, CONCRETE, PETROLEUM PRODUCTS, CHEMICALS, WASHWATER OR SEDIMENTS, RINSE WATER FROM ARCHITECTURAL COPPER, AND NON–STORMWATER DISCHARGES TO STORM DRAINS AND WATERCOURSES.
33. CONTRACTOR SHALL PROVIDE INLET PROTECTION AT THE NEAREST DOWNSTREAM STORM DRAIN ALONG PROJECT SITE.

Fiber Rolls **SE-5**



TYPICAL FIBER ROLL INSTALLATION
N.T.S.



ENTRENCHMENT DETAIL
N.T.S.

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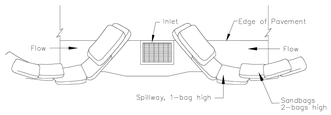
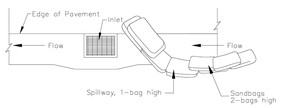
1 **FIBER ROLL**
NTS

Storm Drain Inlet Protection **SE-10**



TYPICAL PROTECTION FOR INLET ON SUMP



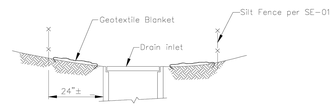
TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:
1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.

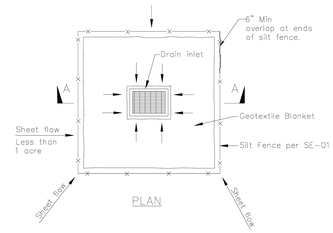
DI PROTECTION TYPE 3
NOT TO SCALE

November 2009 California Stormwater BMP Handbook Construction www.casqa.org 9 of 10

Storm Drain Inlet Protection **SE-10**



SECTION A–A



PLAN

DI PROTECTION TYPE 1
NOT TO SCALE

NOTES:
1. For use in areas where grading has been completed and final soil stabilization and seeding are pending.
2. Not applicable in paved areas.
3. Not applicable with concentrated flows.

November 2009 California Stormwater BMP Handbook Construction www.casqa.org 7 of 10

2 **STORM INLET PROTECTION**
NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
KEVIN WONG
No. C 72285
CIVIL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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12		

PROJECT NO: 2023-40178
DATE ISSUED: 02/12/26
SCALE: As indicated

C5.1

EROSION CONTROL NOTES & DETAILS

BKF ENGINEERS
2100 FRANKLIN STREET
SUITE 4C
OAKLAND, CA 94612
(510) 899-7300
www.bkf.com



SITE PLAN LEGEND - CAMPUS PLAN

- (E) TO BE DEMOLISHED
- (E) CHAIN LINK FENCE TO BE MODIFIED, SLD, SCD.
- (N) CHAIN LINK FENCE
- PROPERTY LINE
- LIMIT OF WORK
- (E) BUILDING FOOTPRINT
- (E) LANDSCAPE
- (N) ASPHALT PAVING, SLD
- (N) SYNTHETIC TURF, SLD
- (N) PLANTER AREA, SLD
- (E) BUILDINGS
- (E) CONCRETE PAVING
- (E) FALL PROTECTION
- (E) FIRE ACCESS LANE PER DSA A# 01-121159, 01-119234

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION	
School District/Owner:	CHABOT COLLEGE
Project Name/School:	EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS
Project Address:	25555 HESPERIAN BLVD, HAYWARD, CA 94545

FIRE & LIFE SAFETY INFORMATION				
1.	Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)*	Yes ☐		No ☑
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes ☐		No ☑
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)*	Yes ☐		No ☑
	Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area	Moderate ☐	High ☐	Very High ☐
	Wildland Interface Area (WFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)*			WFA ☐

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.			✔	
4a.	**Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	**Fire Hydrants:** Number and spacing does not meet CFC requirements.			✔	
5a.	**Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	**Fire Hydrants:** Water flow and pressure are less than CFC minimum.			✔	
6a.	**Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			✔	
7a.	**Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	

LFA Reviewer's Signature: _____ Date: _____

NOTE: EXISTING ACCESSIBLE STALLS FOR REVIEW AND INSPECTION UDER THIS APPLICATION (01-122494)

ENLR PLAN - (E) ADA STALLS IN PARKING LOT E | 1/16" = 1'-0" | 2

OVERALL CAMPUS PLAN | 1" = 100'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMPSON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A01.0

OVERALL CAMPUS PLAN

SVA ARCHITECTS

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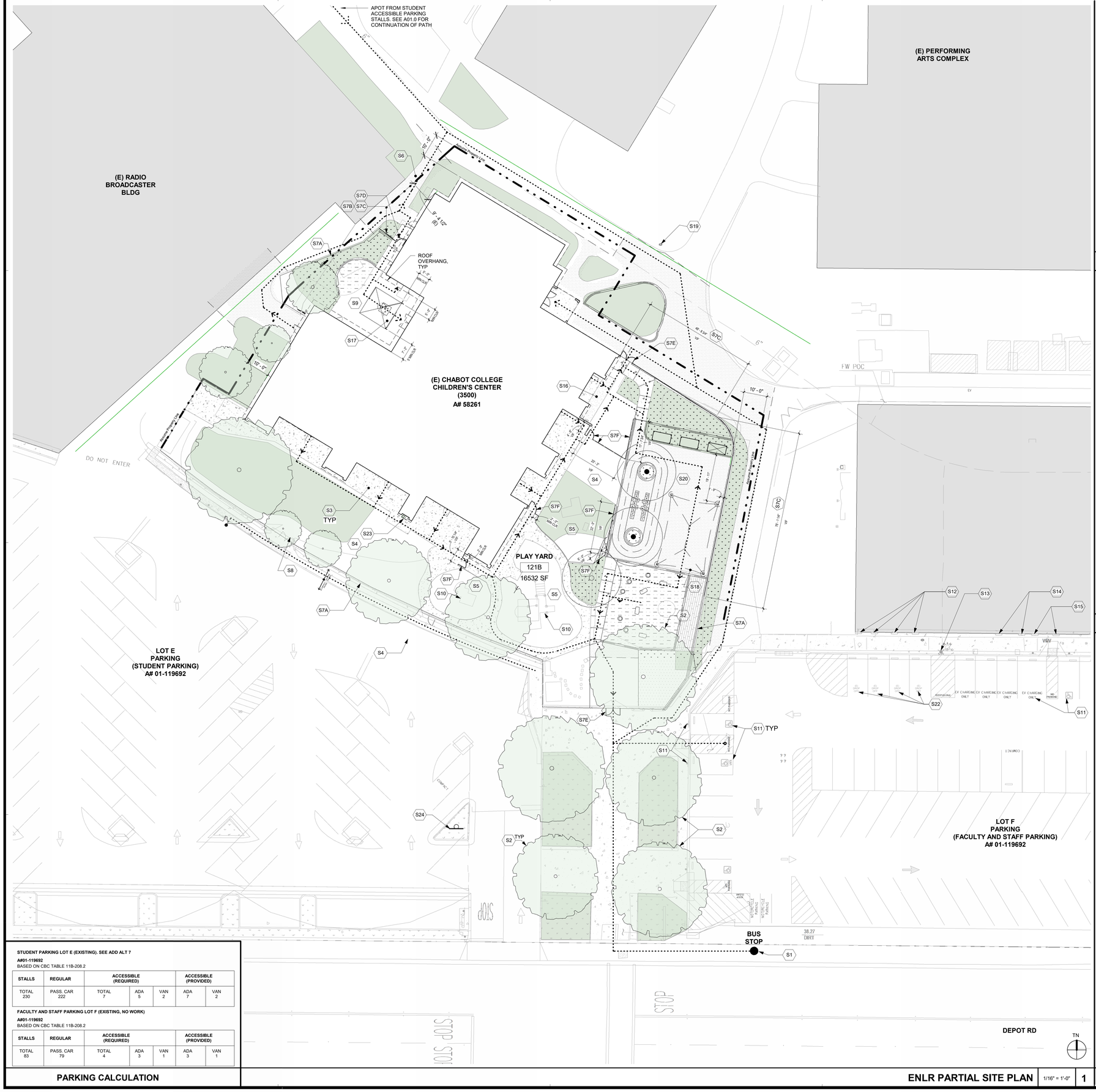

STUDENT PARKING LOT E (EXISTING). SEE ADD ALT 7

A#01-119692
BASED ON CBC TABLE 11B-208.2

STALLS	REGULAR	ACCESSIBLE (REQUIRED)			ACCESSIBLE (PROVIDED)	
TOTAL 230	PASS. CAR 222	TOTAL 7	ADA 5	VAN 2	ADA 7	VAN 2

FACULTY AND STAFF PARKING LOT F (EXISTING, NO WORK)

A#01-119692
BASED ON CBC TABLE 11B-208.2

STALLS	REGULAR	ACCESSIBLE (REQUIRED)			ACCESSIBLE (PROVIDED)	
TOTAL 83	PASS. CAR 79	TOTAL 4	ADA 3	VAN 1	ADA 3	VAN 1

PARKING CALCULATION

ENLR PARTIAL SITE PLAN | 1/16" = 1'-0" | 1

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

- S1 (E) BUS STOP
- S2 (E) TREE, SLD FOR MORE INFO
- S3 (E) CONCRETE PAVING
- S4 (E) ASPHALT
- S5 (E) PLAY AREA FIBAR TO REMAIN
- S6 (E) PAVING TO BE MODIFIED, SLD, SCD
- S7A PORTION OF (E) CHAIN LINK FENCING SYSTEM TO REMAIN, PROTECT IN PLACE
- S7B MODIFIED (E) CHAIN LINK FENCE ENCLOSURE AS REQUIRED FOR NEW FENCING, SCD AND SLD FOR INFO. SEE DETAIL 1/A01.4
- S7C (N) 9' H CHAIN LINK FENCE SYSTEM WITH PRIVACY SCREEN. SLD, SEE DETAILS 1/A01.4
- S7D (N) ACCESSIBLE 42" WIDE SINGLE CHAIN LINK GATE SYSTEM, SEE DETAIL FOR GATE G1 BY, SEE DOOR HARDWARE GROUP 02 FOR REQUIRED GATE HARDWARE 5/A01.4
- S7E (N) ACCESSIBLE 72" WIDE DOUBLE CHAIN LINK PEDESTRIAN GATE SYSTEM, SEE DETAIL 5/A01.4
- S7F (N) 48" HIGH CHAIN LINK FENCE SYSTEM WITH 48" MAX WIDE GATE, SEE DETAIL PROVIDE SELF CLOSING GATE HINGE. 5/A01.4
- S8 (E) SERVICE GATE TO REMAIN
- S9 (E) OUTDOOR AREA TO BE MODIFIED, SLD, SCD
- S10 (E) PLAY STRUCTURE
- S11 (E) ACCESSIBLE PARKING STALLS WITH SIGNAGE PER DSA A# 01- 119692.
- S12 (E) BLDG MOUNTED SIGNAGE FOR (E) DROP OFF STALLS PER DSA A# 01- 119692. SEE REFERENCE PHOTOS 1 AND 2 ON SHEET GEN-6.
- S13 (E) FIRE HYDRANT
- S14 (E) BUILDING MOUNTED EV PARKING STALLS SIGN PER DSA A# 01- 119692. SEE REFERENCE PHOTO 2 ON SHEET GEN-6.
- S15 (E) ADA PARKING BUILDING MOUNTED SIGNAGE PER DSA A# 01- 119692
- S16 (E) PLAY AREA FALL PROTECTION TO REMAIN, PROTECT IN PLACE
- S17 SHADE STRUCTURE 1 (PC DSA A# 04-123501), SEE GEN -1 FOR ADD ALT 3; S.L.D FOR MORE INFO
- S18 SHADE STRUCTURE 2 (PC DSA A# 04-123501), SEE GEN -1 FOR ADD ALT 2; S.L.D FOR MORE INFO
- S19 (E) FIRE HYDRANT ON SITE
- S20 MODIFIED PLAY AREA, SLD, SCD FOR MORE INFO
- S21 (E) ENCLOSED YARD
- S22 (E) DROP OFF STALLS
- S23 BUILDING MOUNTED DRINKINGN FOUNTAIN SYSTEM, FOR MORE INFO, SPD, SEE 17/GEN-4
- S24 TOW-AWAY SIGN, SEE 18/A01.4

SITE PLAN KEYNOTES

PATH OF TRAVEL
PATH OF TRAVEL (P.O.T) AS INDICATED MEETS THE FOLLOWING REQUIREMENTS:
1. IS A BARRIER-FREE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT A SLOPE NOT STEEPER THAN 1:2 EXCEPT THAT LEVEL CHANGES ARE 1/4" MAX VERTICAL & IS AT LEAST 48" WIDE.
2. SURFACE SHALL BE STABLE, FIRM AND SLIP RESISTANT.
3. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND RUNNING SLOPE SHALL NOT BE STEEPER THAN 1:20 UNLESS OTHERWISE INDICATED (SEC 11B-403.3)
4. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (SECTION 11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL SURFACE BETWEEN 27" AND 80" ABOVE FINISH FLOOR OR GROUND (SECTION 11B-307.2)
5. PROVIDE FLUSH TRANSITIONS AT ANY ADJOINING JOINTS BETWEEN DIFFERENT WALK SURFACES IN P.O.T.
6. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

DSA PR 15-01: REQUIRED INFORMATION FOR PATH OF TRAVEL UPGRADES ON CONSTRUCTION DOCUMENTS.
ADD RESPONSIBLE CHARGE STATEMENT TO ACCESS PLAN:

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS A PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLAINT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLAINCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF CONSTRUCTION CHANGE DOCUMENT."

SITE PLAN LEGEND

- (E) TO BE DEMOLISHED
- (E) CHAIN LINK FENCE TO BE MODIFIED, SLD, SCD.
- (N) CHAIN LINK FENCE
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- (E) BUILDING FOOTPRINT
- (E) LANDSCAPE
- (N) ASPHALT PAVING, SLD
- (N) SYNTHETIC TURF, SLD
- (N) PLANTER AREA, SLD
- (E) BUILDINGS
- (E) CONCRETE PAVING
- (E) FALL PROTECTION
- (E) FIRE ACCESS LANE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMPSON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A01.2

ENLR PARTIAL SITE PLAN

SVA ARCHITECTS

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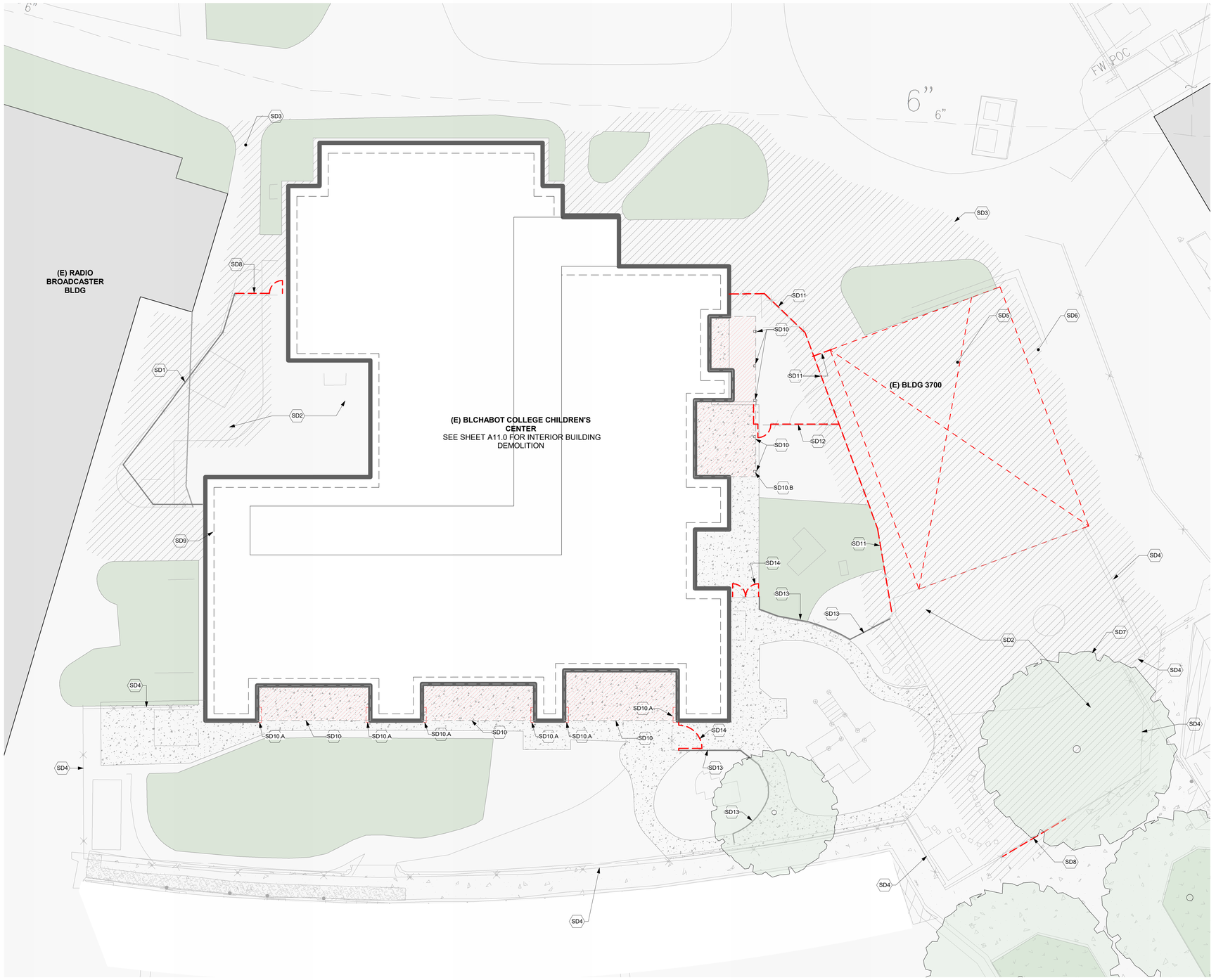

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

- SD1 (E) CHAIN LINK FENCE TO BE MODIFIED. PREP FOR NEW WORK. PROVIDE PRIVACY SLATS
- SD2 (E) OUTDOOR AREA TO BE MODIFIED, SLD, SED, SAD FOR MORE INFO
- SD3 PORTION OF EXISTING AREA TO BE MODIFIED. EXTENT SHOWN FOR REFERENCE ONLY. SCD, SLD , SED FOR MORE INFO
- SD4 (E) FENCE TO REMAIN, PROTECT IN PLACE
- SD5 (E) PREFABRICATED BUILDING ON PERMANENT CONCRETE FOUNDATIONS TO BE REMOVED. ALL BUILDING SYSTEMS INCLUDING ELECTRICAL, PLUMBING, CIVIL TO BE REMOVED AND/ OR CAPPED AS REQUIRED. SLD, SCD, SPD, SPD FOR MORE INFO. (E) THREE BUILDING MOUNTED CAMERAS (GC TO CONFIRM COUNT), SO BE CAREFULLY REMOVED AND SALVAGED FOR DISTRICT.
- SD6 (E) PATH TO BE MODIFIED TO RE-ESTABLISH CAMPUS PATH CONNECTION TO PLAZA. SCD, SLD, SED FOR MORE INFO
- SD7 (E) TREE TO REMAIN, PROTECT IN PLACE
- SD8 PORTION OF EXISTING FENCE TO BE MODIFIED AS REQURIED FOR NEW WORK.
- SD9 EXISTING 2X PAINTED WOOD FASCIA. SEE ADD ALT.3 ON GEN-1.
- SD10 TYP EXISTING PATIO ROOFING SYSTEMS / AWNING AND ASSOCIATED SUPPORT STRUCTURES, GUTTERS AND DOWNSPOUTS TO BE REMOVED. GC TO PATCH EXISTING SITE AND BLDG ELEMENTS TO MATCH EXISTING OR PREP FOR NEW WORK.
- SD10.A TYP. ALUMINUM CHANEL SUPPORTS TO BE REMOVED. PATCH EXISTING SURFACE TO MATCH EXISTING ADJACENT CEMENT PLASTER FINISH.
- SD10.B TYP. DOWNSPOUT END OR COLUMNS TO BE REMOVED. PATCH EXISTING ROOF SYSTEM AND CONCRETE SLAB AS REQUIRED TO MATCH EXISTING ADJACENT FINISHES.
- SD11 REMOVE PORTION OF EXISTING CHAIN LINK FENCING SYSTEM, INCLUDING EXISTING FOOTINGS. PREP AREA AS REQUIRED FOR NEW WORK. PATCH AS REQUIRED TO MATCH EXISTING SURFACE. AT (E) CONCRETE CURB BY BUILDING 3700, CUT POSTS AT (E) CURB, GRIND POST EDGES AND FILL WITH CONCRETE TO MATCH (E) CURB.
- SD12 REMOVE EXISTING PARTIAL HT WOOD FENCING SYSTEM. PREP AREA FOR NEW WORK
- SD13 PORTION OF EXISTING PARTIAL HEIGHT CHAIN LINK FENCE SYSTEM TO REMAIN. PROTECT IN PLACE
- SD14 REMOVE PORTION OF EXISTING PARTIAL HEIGHT CHAIN LINK FENCE SYSTEM AS REQURIED FOR NEW WORK. EXISTING FENCE POST ADJACENT TO BUILDING TO REMAIN FOR REUSE WHERE REQUIRED.

DEMOLITION SITE PLAN KEYNOTES

PATH OF TRAVEL
PATH OF TRAVEL (P.O.T) AS INDICATED MEETS THE FOLLOWING REQUIREMENTS:
1. IS A BARRIER-FREE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT A SLOPE NOT STEEPER THAN 1:2 EXCEPT THAT LEVEL CHANGES ARE 1/4" MAX VERTICAL & IS AT LEAST 48" WIDE.
2. SURFACE SHALL BE STABLE, FIRM AND SLIP RESISTANT.
3. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND RUNNING SLOPE SHALL NOT BE STEEPER THAN 1:20 UNLESS OTHERWISE INDICATED (SEC 11B-403.3)
4. P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (SECTION 11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL SURFACE BETWEEN 27" AND 80" ABOVE FINISH FLOOR OR GROUND (SECTION 11B-307.2)
5. PROVIDE FLUSH TRANSITIONS AT ANY ADJOINING JOINTS BETWEEN DIFFERENT WALK SURFACES IN P.O.T .
6. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

DSA PR 15-01: REQUIRED INFORMATION FOR PATH OF TRAVEL UPGRADES ON CONSTRUCTION DOCUMENTS.
ADD RESPONSIBLE CHARGE STATEMENT TO ACCESS PLAN:

"DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS A PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON-COMPLAINT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLAINCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF CONSTRUCTION CHANGE DOCUMENT."

SITE PLAN LEGEND

- (E) TO BE DEMOLISHED
- (E) CHAIN LINK FENCE TO BE MODIFIED, SLD, SCD.
- (N) CHAIN LINK FENCE
- PROPERTY LINE
- ASSUMED PROPERTY LINE
- (E) BUILDING FOOTPRINT
- (E) LANDSCAPE
- (N) ASPHALT PAVING, SLD
- (N) SYNTHETIC TURF, SLD
- (N) PLANTER AREA, SLD
- (E) BUILDINGS
- (E) CONCRETE PAVING
- (E) FALL PROTECTION
- (E) FIRE ACCESS LANE

TN RN

ENLARGED DEMOLITION SITE PLAN | 1" = 10'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
Richard M. Simon
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
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PROJECT NO:	2023-40178
ISSUANCE:	ISSUE SET
DATE ISSUED:	2/12/26
SCALE:	As indicated

A01.1

ENLARGED DEMOLITION SITE PLAN

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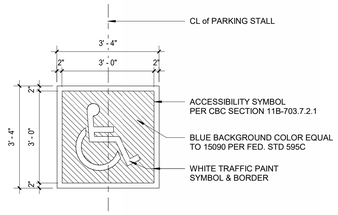
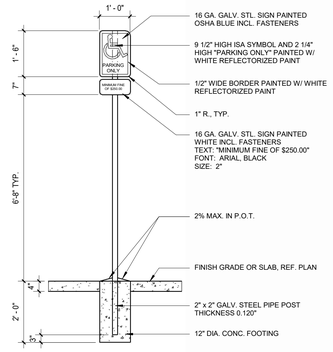
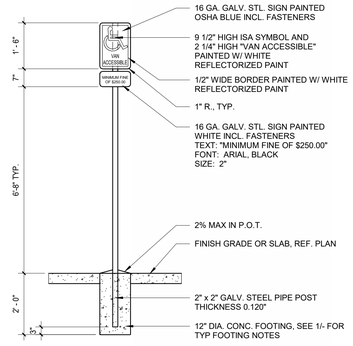


SIGN SHALL MEET THE REQUIREMENTS OF CBC SECTION 11B-502.6.4.1

ISA PARKING SYMBOL 1/2" = 1'-0" **12**



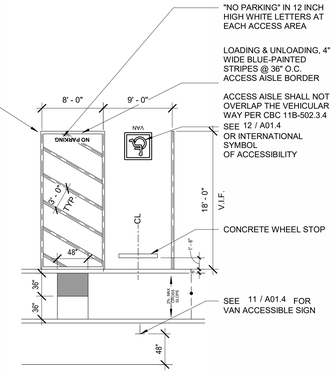
ACCESSIBLE PARKING SIGNAGE 1/2" = 1'-0" **15**



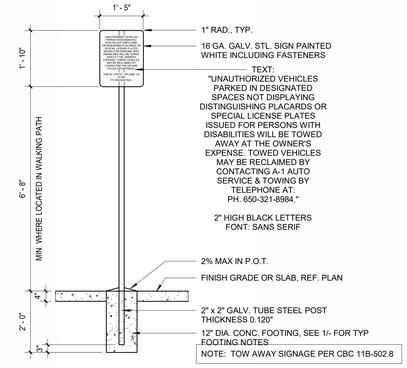
VAN ACCESSIBLE SIGNAGE 1/2" = 1'-0" **11**

NOTE:
1. MAXIMUM SLOPE OF FINISHED SURFACE SHALL NOT EXCEED 2% IN ANY DIRECTION PER CBC 11B-502.4 FOR ACCESSIBLE PARKING SPACES & ACCESS AISLES.

PARKING STALLS NOT TO ENCROACH INTO DRIVE AISLE



ACCESSIBLE PARKING STALLS 1/8" = 1'-0" **3**

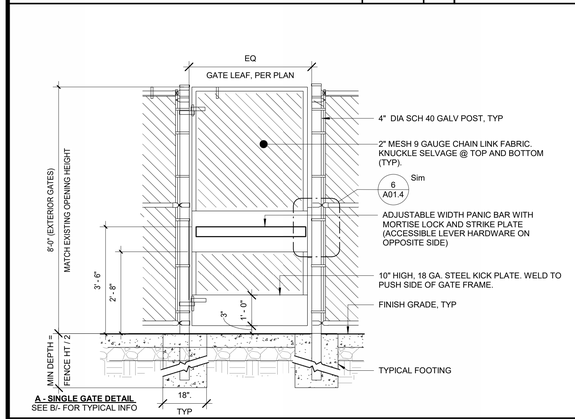


NOTE: TOW AWAY SIGNAGE PER CBC 11B-502.8

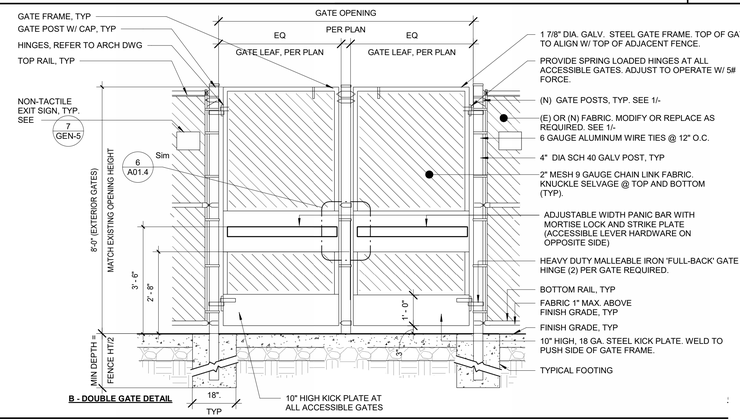
TOW AWAY SIGN 1/2" = 1'-0" **18**

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	P00009620	9005	LOCINOX
2	EA	Door Cord	788-18	626	SCE
1	EA	CANE BOLT	BBL		SVB
1	EA	PADLOCK LESS CYL-KNK	KS23F2200	606	SCH
1	EA	PANIC HARDWARE	PA-9875-L-06-WH	626	VON
1	EA	FSIC CORE	23-030	626	SCH
1	EA	MORTISE CYLINDER	26-091	626	SCH
1	EA	ELECTRIC STRIKE	6221 FSE 12/16/24/28 VAC/VDC	630	VON
2	EA	FLOOR STOP	FS18L	BLK	IVE

GATE HARDWARE AT EXISTING GATES 3" = 1'-0" **10**



A - SINGLE GATE DETAIL
SEE B/- FOR TYPICAL INFO

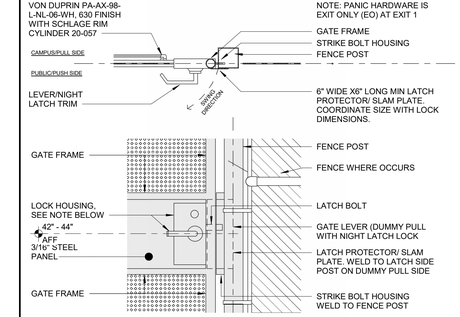


B - DOUBLE GATE DETAIL

NOTES:
1. FOR REQUIRED HARDWARE, SEE 10/-
2. SEE SPECS FOR MORE INFO ON CHAIN LINK FABRIC. UNCOATED CHAIN LINK FENCE CONNECTING HARDWARE AND ACCESSORIES SHALL BE SHALL BE GALVANIZED. PROVIDE SHOP DRAWINGS FOR APPROVAL.
3. PROVIDE UV-RESISTANT HDPE WIND/ FENCE PRIVACY SCREEN FABRIC WITH GROMMETS TO MATCH EXISTING.
4. WHERE REQUIRED, PROVIDE METAL PLATE AND NOT REQUIRED ACCESSORIES REQUIRED FOR ELECTRONIC ACCESS HARDWARE ATTACHMENT TO FENCE.

PEDESTRIAN CHAINLINK GATE DETAILS 1/2" = 1'-0" **5**

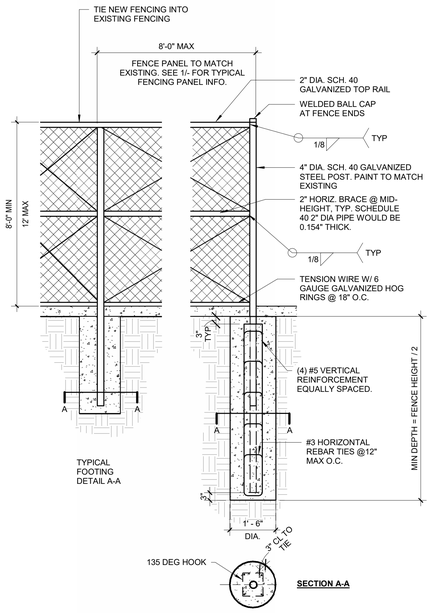
VON DUPRIN PA-AX-98-L-NL-06-WH, 630 FINISH WITH SCHLAGE RIM CYLINDER 20-057



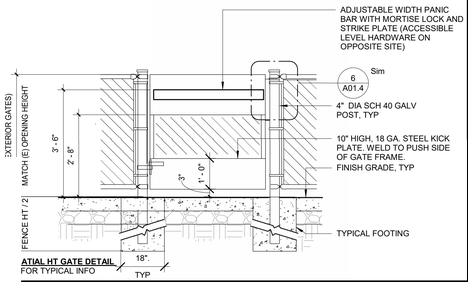
NOTE- CONFIRM KEY CORES WITH DISTRICT. ALL KEYING AND KEYWAYS MUST BE COORDINATED WITH DISTRICT.

CHAINLINK FENCE LATCH DETAIL 1" = 1'-0" **6**

NOTES:
1. ALL CHAIN LINK FABRIC SHALL BE GALVANIZED. POSTS, RAILS AND CONNECTING HARDWARE SHALL BE GALVANIZED. PROVIDE SHOP DRAWINGS FOR APPROVAL.
2. PROVIDE UV-RESISTANT HDPE WIND/ FENCE PRIVACY SCREEN FABRIC WITH GROMMETS TO MATCH EXISTING.
3. PROVIDE WOOD TRIM AT TOP OF FENCE AS REQUIRED TO MATCH EXISTING.



CHAIN LINK FENCE DETAIL 1/2" = 1'-0" **1**



ATIAL HT GATE DETAIL
FOR TYPICAL INFO

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMPSON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A01.4

SITE DETAILS

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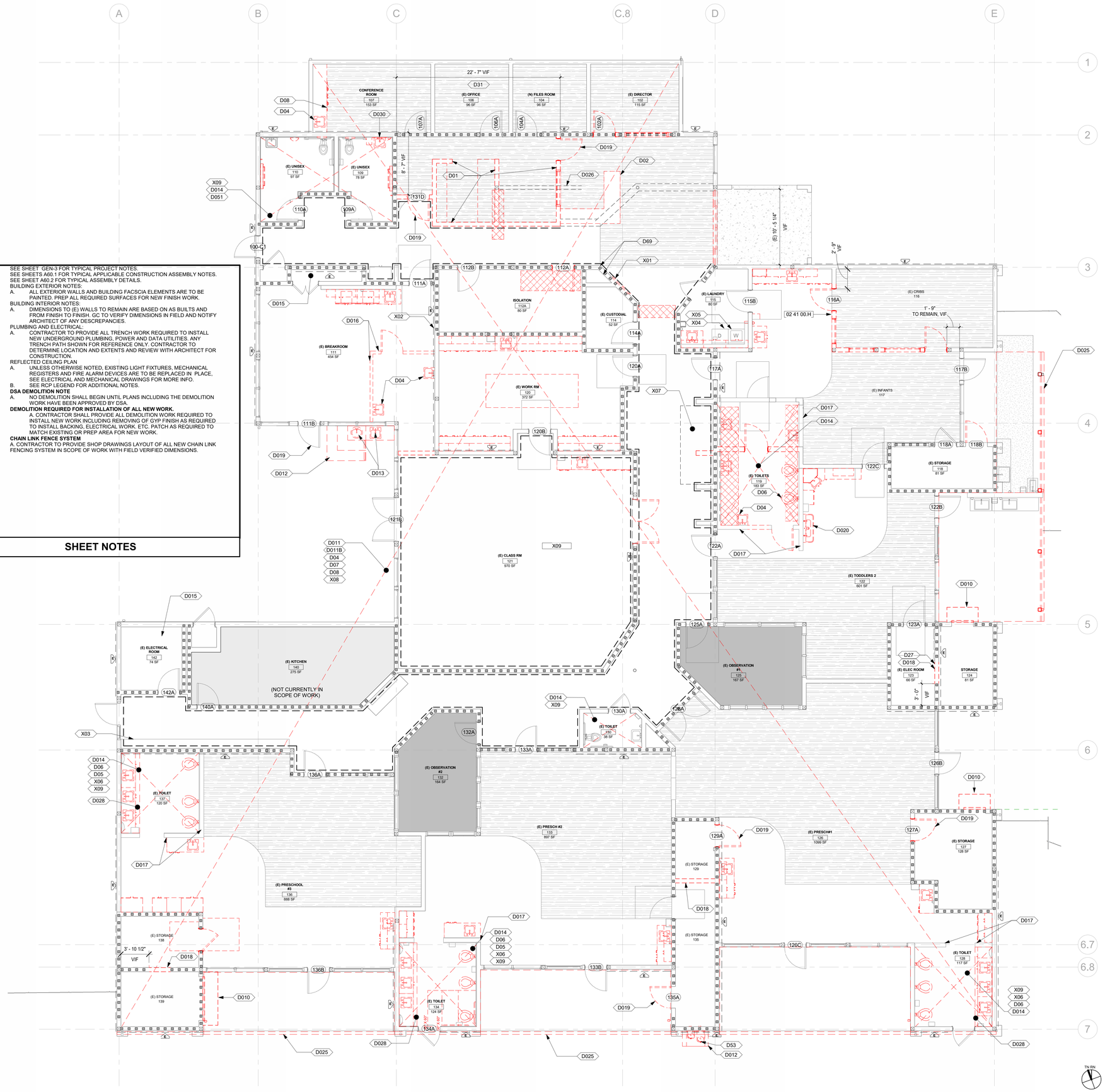

SHEET NOTES

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK, ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

DEMOLITION FLOOR PLAN | 3/16" = 1'-0" | 1

D01 (E) WALL TO BE DEMOLISHED. PATCH AREA TO MATCH EXISTING. ALL GYPSUM BOARD REMOVED OR DEMOLISHED SHALL BE REPLACED.
D02 (E) RECEPTION DESK TO BE REMOVED
D04 (E) LAV SINK TO BE REPLACED IN KIND, TYP. PREP AREA FOR WORK.
D05 (E) URINALS TO BE REMOVED AND REPLACED WITH NEW PER IMPROVEMENT PLANS, TYP., SPD.
D06 (E) WC TO BE REMOVED AND REPLACED WITH NEW PER IMPROVEMENT PLANS. TYP., SPD.
D07 (E) UPPER CASEWORK TO BE REMOVED AND REPLACED WITH NEW, TYP
D08 (E) BASE CASEWORK TO BE REMOVED AND REPLACED WITH NEW, TYP
D010 (E) WINDOWS TO BE DEMOLISHED. ROUGH OPENINGS TO BE PREPARED TO RECEIVE NEW WINDOWS.
D011 UNLESS OTHERWISE NOTED, ALL EXISTING FLOOR FINISHES, ACT CEILING SYSTEMS, ADHERED CEILING TILE SYSTEMS, GYP CEILING OR SOFFITS, LIGHT FIXTURES, BUILT-IN CASEWORK, PLUMBING FIXTURES, MECHANICAL AIR REGISTERS, RESTROOM ACCESSORIES, ETC TO BE REMOVED, SEE DRAWINGS FOR MORE INFO, PREP AREA FOR NEW WORK, OR PATCH AS REQUIRED TO MATCH EXISTING.
D011B REMOVE ALL EXISTING EXTERIOR FINISH, INTERIOR FINISHES, WALL AND CEILING GYP BOARD FINISHES AS REQUIRED FOR ALL CONCEALED ELECTRICAL OR PLUMBING WORK. SEE DRAWINGS FOR MORE INFO, PREP AREA FOR NEW WORK, OR PATCH AS REQUIRED TO MATCH EXISTING.
D012 (E) PLATFORM TO BE REMOVED. CONTRACTOR TO PATCH TO MATCH CONC PAVING.
D013 (E) BUILT IN SINK TO BE REMOVED. PATCH AREA AS REQUIRED. SPD.
D014 (E) FLOOR AND WALL CERAMIC TILE FINISH TO REMAIN. REGROUT WITH EPOXY PER SPECS. GC TO ASSUME 5% OF (E) TILE FINISH NEEDS TO BE REPAIRED OR REPLACED TO MATCH EXISTING.
D015 (E) ELECTRICAL ROOM, PROTECT IN PLACE
D016 (E) BOTTOM OF SOFFIT TO BE DEMOLISHED AND REPLACED AS NEEDED FOR INSTALLATION OF ELECTRICAL AND HVAC SYSTEMS, REPLACE ALL GYPSUM BOARD DEMOLISHED WITH NEW.
D017 (E) DOOR TO BE REMOVED. INFILL WITH FRAMING AND MATCH ADJACENT WALL FINISH.
D018 EXISTING WINDOW TO BE DEMOLISHED AND REPLACED WITH NEW DOOR. PREPARE AREA FOR NEW WORK.
D019 (E) FULL HEIGHT DOOR TO BE REMOVED AND REPLACED WITH NEW
D020 REMOVE (E) 12"X12" SLOPED ACT AND UNDERLYING (E) 2X4 STRIPPING.
D025 (E) CONCEALED SKYLIGHT WELL ABOVE ACT CEILING. PATCH ROOF AS REQUIRED TO MATCH EXISTING ROOFING.
D026 SKYLIGHT WELL TO BE INFILLED WITH FRAMING. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.
D27 REMOVE AND REPLACE (E) ELECTRICAL PANELS AS REQUIRED TO PROVIDE WALL OPENING, SED FOR MORE INFO. PATCH (E) WALL AS REQUIRED FOR NEW WORK.
D028 REPLACE LIGHT FIXTURE WITH NEW L.E.D. FIXTURES, TYP.
D030 EXISTING DOUBLE DOOR AND WINDOWS TO BE ROOM TO CREATE NEW OPENING. PATCH WALL TO MATCH EXISTING.
D31 (E) SOUND RETARDANT PARTITION TO BE CONVERTED TO 1HR RATED FIRE BARRIER - REMOVE EXISTING GYP FINISH FROM EXISTING FULL HEIGHT WALL. REMOVE ALL FINISHES, MECH, ELECTRICAL , PLUMBING OR FURNISHING OR EQUIPMENT ITEMS AS REQUIRE FOR NEW WORK OR SALVAGE FOR REINSTALLATION. PREP WALL AS REQRUIED FOR NEW WORK.
D051 EXISTING TOILET SEAT COVER DISPENSERS TO BE SALVAGED FOR REINSTALLATION. PATCH WALL TILE AS REQUIRED TO MATCH EXISTING.
D53 (E) DRINKING FOUNTAIN SYSTEM TO BE REMOVED. REMOVE PORTION OF (E) WALL FINISH AND MODIFY (E) PLUMBING AS REQUIRED FOR INSTALLATION OF NEW DRINKING FOUNTAIN AND GUARDRAILS. PATCH TO MATCH EXISTING.
D69 REMOVE PORTION OF GYP BOARD WALL FINISH AS REQUIRED FOR NEW WORK AND TREE PORTAL INSTALLATION. PATCH OR REPLACE TO MATCH EXISTING. REMOVE AND REPLACE ANY EXISTING WALL MOUNTED WALL FINISHES, EQUIPMENT, BUILDING UTILITY ITEMS AS REQUIRED FOR TREE PORTAL INSTALLATION. PATCH AS REQURIED TO MATCH EXISTING.

X01 (E) ELECTRICAL CONDUIT AND BALLASTS TO BE REMOVED AS NEEDED AND REPLACED WITH NEW.
X02 (E) PRESENTATION WALL
X03 (E) CASEWORK FOR STORAGE
X04 (E) DRYER TO REMAIN
X05 (E) WASHER TO REMAIN
X06 (E) PARABOLIC MIRRORS TO REMAIN, PROTECT IN PLACE OR SALVAGE AND REINSTALL IF REQUIRED.
X07 REMOVE AND REPLACE (E) GYP FINISH AS REQUIRED FOR NEW WORK
X08 REMOVE AND SALVAGE FOR REINSTALLATION ALL E FIRE EXTINGUISHERS. CONFIRM LOCATION WITH ARCHITECT BEFORE INSTALLATION.
X09 EXISTING TOILET PAPER DISPENSER, SANITARY NAPKIN DISPENSER, TOILET SEAT COVER DISPENSER PREOTECT IN PLACE OR REMOVE IF REQUIRED AND SALVAGE FOR REINSTALLATION.

DEMOLITION KEYNOTES

(E) ITEM TO BE DEMOLISHED, PREP AREA AS REQUIRED FOR NEW WORK OR PATCH TO MATCH EXISTING.
(E) WALLS TO BE DEMOLISHED, PREP AREA AS REQUIRED FOR NEW WORK OR PATCH TO MATCH EXISTING
APPROXIMATE AREA OF TRENCHING REQUIRED FOR PLUMBING, ELECTRICAL , DOOR HARDWARE SCOPE OF WORK. SEE SHEET NOTE 6A
(E) WALLS WITH WALLPAPER
(E) OVERHANGS
(E) FENCING AROUND THE PLAY AREAS
(E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
(E) APPROX CARPET AREA. CARPET TO BE REMOVED
(E) WOOD STUD WALL
(E) SHEAR WALL
(E) 1-HR OCCUPANCY SEPARATION WALL
WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
101 NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
1 NUMBER INDICATED WINDOW PER SCHEDULE, REFER TO SHEET A50.0
F.E. FIRE EXTINGUISHER CABINET PER DET. XX/XX

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
3. REFER TO SHEET GEN-5 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.
4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.
5. SEE SHEET NOTES FOR ADDITIONAL INFORMATION.

FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVANOE
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO:	2023-40178
ISSUANCE:	ISSUE SET
DATE ISSUED:	2/12/26
SCALE:	As indicated

A11.0

DEMOLITION FLOOR PLAN

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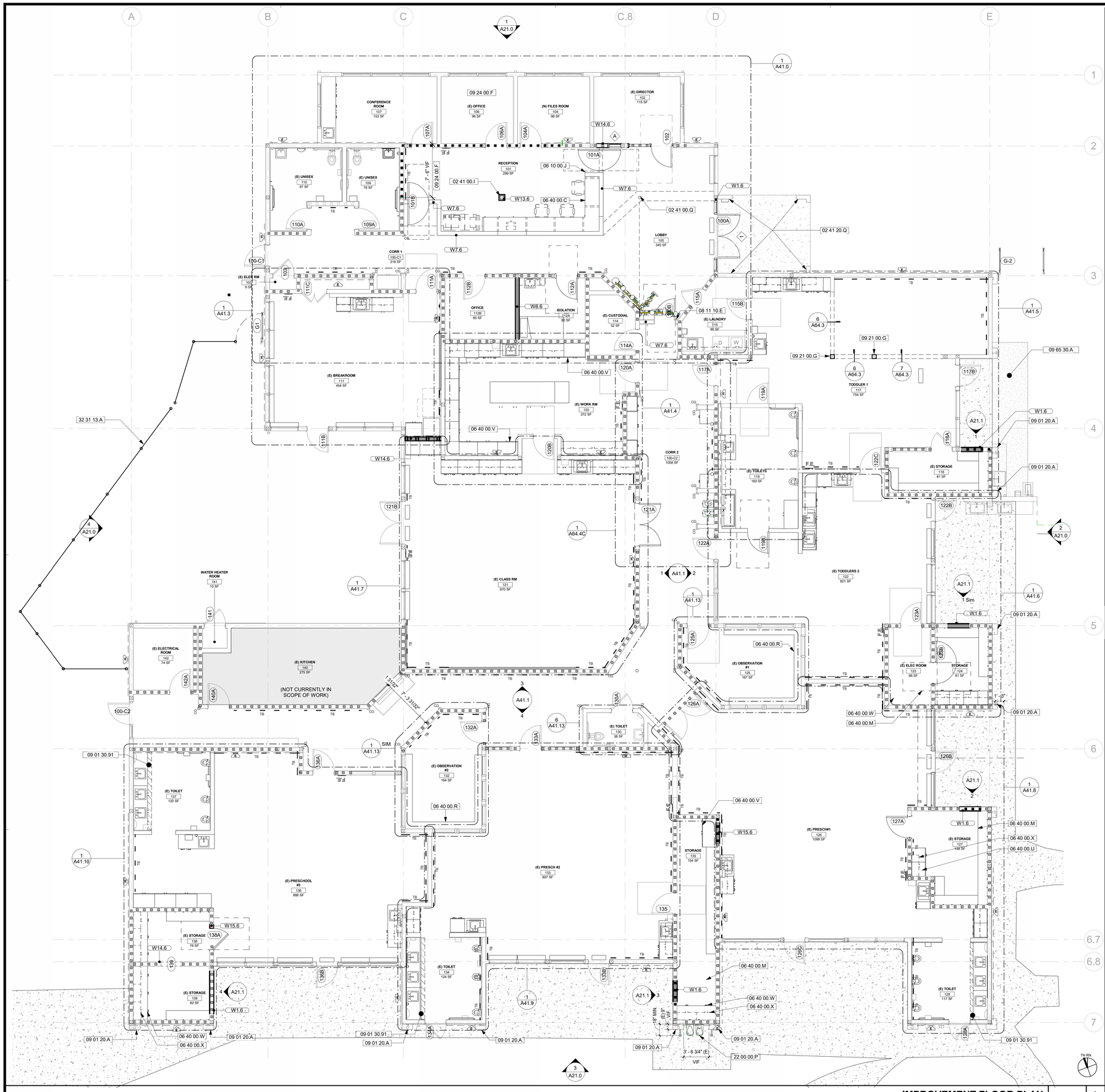

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
02 41 00.I	(E) COLUMN TO REMAIN, PROTECT IN PLACE
02 41 00.Q	EXISTING STEEL COLUMN TO REMAIL. PROTECT IN PLACE. PREP FOR NEW PAINT FINISH
02 41 20.Q	(E) CEMENT PLASTER TO BE REPAINTED. ALL WATER STAINS TO BE REMOVED. PREP AREA FOR NEW WORK.
05 50 00.M	(N) RAILING FOR THE ACCESSIBLE DRINKING FOUNTAIN. SEE DETAIL 3/GEN-4 FOR MORE INFORMATION.
06 10 00.J	(N) PARTIAL HEIGHT WALL TO BE ADDED TO EXTEND RECEPTION AREA. T.O WALL @ 34". PREP AREA FOR NEW WORK.
06 40 00.C	(N) SOLID SURFACE COUNTERTOP
06 40 00.M	STORAGE SHELVING - 1" PLYWOOD SHELVING, IN 4' SEGMENTS WITH TRANSPARENT WOOD FINISH PER SPECS. SUPPORT WITH KNAPE & VOGT 82/182 HEAVY DUTY WALL STANDARDS AND HEIGHT ADJUSTABLE BRACKETS OR EQ. WHITE WALL STANDARDS AND BRAKCETS. PROVIDE WALL STANDARDS AT 12" O.C. FASTEN TO WALL AT WOOD WITH #10 FHWS W/ 2" MIN EMBED."
06 40 00.R	(N) 1" DEEP COUNTERTOPS. T.O COUNTERTOPS @30".
06 40 00.U	(N) UPPER CABINET AND LOWER CABINET WITH DRAWERS.
06 40 00.V	(N) TALL CABINETS
06 40 00.W	(N) DRAWERS
06 40 00.X	(N) UPPER CABINETS W/ DOORS
08 11 10.E	(N) PARTIAL HEIGHT SWING DOOR TO BE ADDED. PREP AREA FOR NEW WORK.
09 01 20.A	EXISTING CEMENT PLASTER PILASTER WITH METAL CORNER GUARDS. REPAIR EXISTING DAMAGED CEMENT PLASTER FINISH AT PILASTER VERTICAL AND BOTTOM EDGES. REMOVE AND REINSTALL CORNER GUARDS. PREP AREA AS REQUIRED FOR NEW WORK.
09 01 30.91	PATCH EXISTING FLOOR TILE AS REQUIRED FOR NEW WORK. TILE TO MATCH EXISTING, COORDINATE COLOR WITH ARCHITECT.
09 21 00.G	5/8" TYPE X GYP BOARD FINISH O/(E) WD COLUMN. PROVIDE CORNER GUARDS, WALL BASE ADN OTHER REQUIRED ACCESSORIES FOR COMPLETE INSTALLATION
09 24 00.F	PROVIDE (N) 5/8" THICK TYPE X GYP BOARD FINISH AS REQURIED TO PROVIDE 1-HR RATED FIRE BARRIER WALL. SEE WALL TYPE W5 FOR TYP INFO
09 65 30.A	(E) FALL PROTECTION SURFACE TO REMAIN. CONTRACTOR TO PROTECT IN PLACE.
22 00 00.P	(N) HI-LO DRINKING FOUNTAIN AND BOTTLE FILLING STATION WITH GUARDRAILS, SPD; SEE 17/GEN-4 FOR MORE INFO.
32 31 13.A	(N) CHAIN LINK FENCE AND GATE SYSTEM, SEE LANDSCAPE DRAWINGS

KEYNOTES - IMPROVEMENTS

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:

1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILITY REQUIREMENTS AND DIMENSIONS.
4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN | 3/16" = 1'-0" | 1

IMPROVEMENT FLOOR PLAN LEGEND

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DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVINTH
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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IMPROVEMENT FLOOR PLAN

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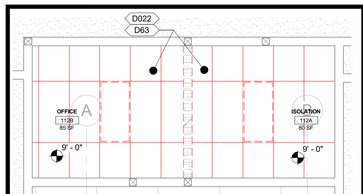
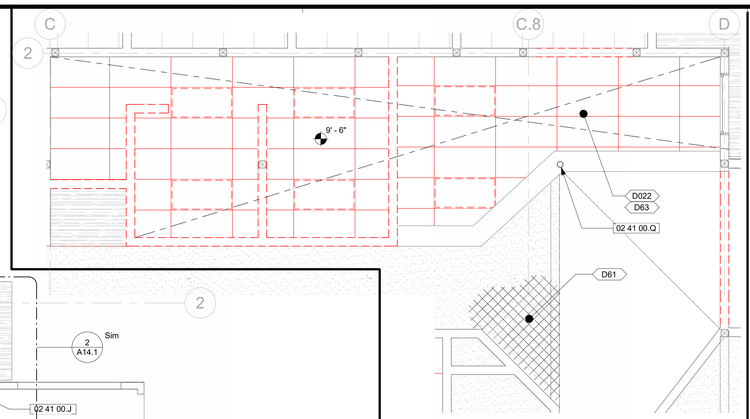


DEMOLITION RCP CALLOUT | 1/4" = 1'-0" | **3**



DEMOLITION RCP CALLOUT | 1/4" = 1'-0" | **2**

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
D022	(E) CEILING LIGHTS TO BE REPLACED, TYP, SEE ELECTRICAL DRAWINGS FOR MORE INFO
D61	REMOVE PORTION OF GYP BOARD CEILING AS REQUIRED FOR NEW WORK. PATCH OR REPLACE TO MATCH EXISTING.
D63	REMOVE PORTION OF EXISTING SUSPENDED ACOUSTIC CEILING TILE SYSTEM. PREP AREA AS REQUIRED FOR NEW WORK. PATCH TO MATCH EXISTING.

KEYNOTES - DEMOLITION

?	DESCRIPTION
02 41 00.J	(E) SOFFIT TO REMAIN. PROTECT IN PLACE
02 41 00.Q	EXISTING STEEL COLUMN TO REMAIL. PROTECT IN PLACE. PREP FOR NEW PAINT FINISH
02 41 20.A	(E) BARREL VAULTED GYP CEIILING TO BE PAINTED. PREP AREA FOR NEW WORK, SEE ELECTRICAL DRAWINGS FOR MORE INFO.
08 31 00.B	24"X24" ACCESS DOOR PLANEL. PAINT TO MATCH EXISTING ADJACENT SURFACE
09 51 00.F	SUSPENDED WOOD GRILLE SYSTEM. SEE DETAIL 1/A64.3 AND SPECS FOR MORE INFO
09 51 10.A	(E) 12"X12" ADHERED ACOUSTICAL TILE OVER GYP BOARD. (E) TILE TO BE RESTORED WITH ACOUSTIC CEILING PAINT PER SPEC SECTION 09 90 00. PREP EXISTING TILE AND AREA AS REQUIRED FOR NEW WORK.

KEYNOTES - IMPROVEMENTS

- (E) GYP. BOARD BARREL VAULTED CEILING TO BE PAINTED
- (E) GYP. BOARD CEILING TO BE PAINTED
- (N) GYP. BOARD CEILING TO BE PAINTED
- PORTION OF EXISTING GYP CEILING TO BE REMOVED, MODIFIED OR INFILLED AS REQUIRED FOR NEW WORK. PATCH AS REQUIRED TO MATCH ADJACENT GYP CEILING FINISH
- (N) 24"X48" SUSPENDED ACOUSTIC CEILING TILE SYSTEM
- (E) 24"X48" SUSPENDED ACOUSTIC CEILING TILE SYSTEM TO BE RESTORED WITH ACOUSTIC CEILING PAINT PER SPEC SECTION 09 90 00. PREP EXISTING TILE AND AREA AS REQUIRED FOR NEW WORK.
- (E) 12"X12" ADHERED ACOUSTICAL TILE OVER GYP BOARD. (E) TILE TO BE RESTORED WITH ACOUSTIC CEILING PAINT PER SPEC SECTION 09 90 00. PREP EXISTING TILE AND AREA AS REQUIRED FOR NEW WORK.
- ACCESS PANEL
- (E) METAL ROOF SYSTEM WITH CEMENT PLASTER SOFFIT
- SKY MURAL AT BARREL VAULT GYP CEILING. SEE ADD-ALTERNATE 5

NOTES:
1. GYPSUM BOARD CEILINGS SHALL BE FRAMED WITH METAL STUD JOISTS, U.N.O. SEE SHEET A64.3 FOR MORE INFORMATION.
2. FOR SUSPENDED ACOUSTICAL CEILING, REFER TO SHEET A64.1, A64.2, A64.3.
3. NOT USED.
4. AT ALL ROOMS WITHOUT CEILINGS (LABELLED AS "EXP" ON PLAN AND/OR ON THE FINISH SCHEDULE), ALL EXPOSED SURFACES AND ELEMENTS SHALL BE PAINTED, INCLUDING STRUCTURE, DECK ABOVE, AND ALL UTILITIES INCLUDING PIPING, CONDUITS, DUCTWORK, ETC.
5. PLUMBING, ELECTRICAL, MECHANICAL AND FIRE PROTECTION COMPONENTS ARE SHOWN FOR REFERENCE AND COORDINATION PURPOSES. REFER TO PLUMBING, ELECTRICAL, MECHANICAL AND FIRE PROTECTION DRAWINGS FOR COMPONENT AND SYSTEM QUANTITIES, TYPES AND REQUIREMENTS.
6. CENTER LIGHTING FIXTURES BETWEEN OPPOSITE WALLS, U.N.O.
7. ALL DIMENSIONS, NOTES, KEYNOTES AND DETAILS CALLOUTS ARE TYPICAL, U.N.O.
8. SEE SHEET A50.1 FOR INTERIOR FINISH LEGEND
9. AT EXPOSED CEILINGS, ALL DUCTS, PIPES AND CONDUITS SHALL RUN PARALLEL OR PERPENDICULAR TO WALL, AND AS CLOSE TO THE DECK ABOVE AS POSSIBLE. PROVIDE ESCUTCHEONS FOR CONDUIT/PIPES AT WALLS WHERE EXPOSED.
10. ALL EXPOSED CONDUITS, SHALL BE PAINTED.

* REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF EMERGENCY LIGHTING.

REFLECTED CEILING IMPROVEMENT PLAN | 3/16" = 1'-0" | **1**

RCP LEGEND

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DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

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REFLECTED CEILING IMPROVEMENT PLAN

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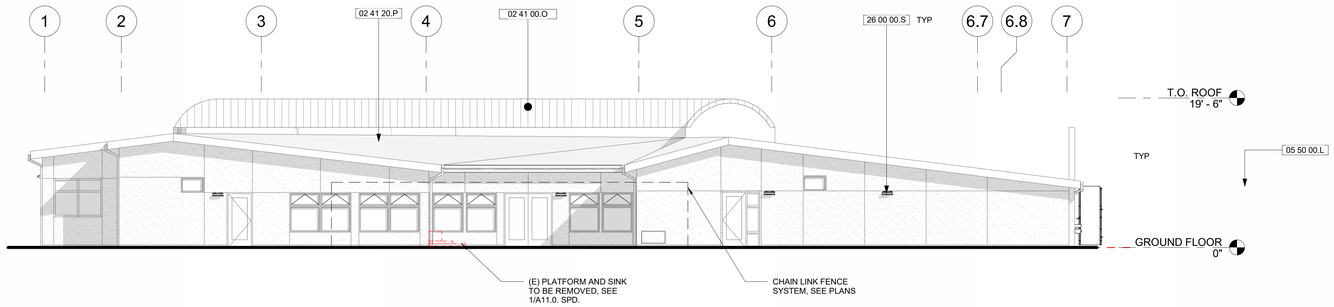
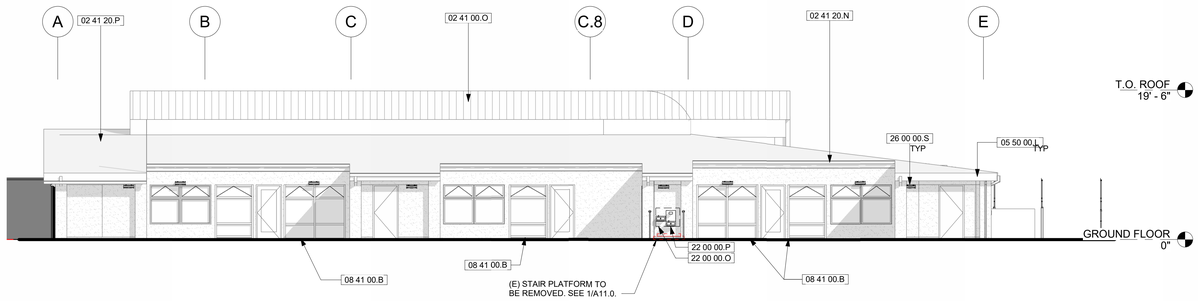
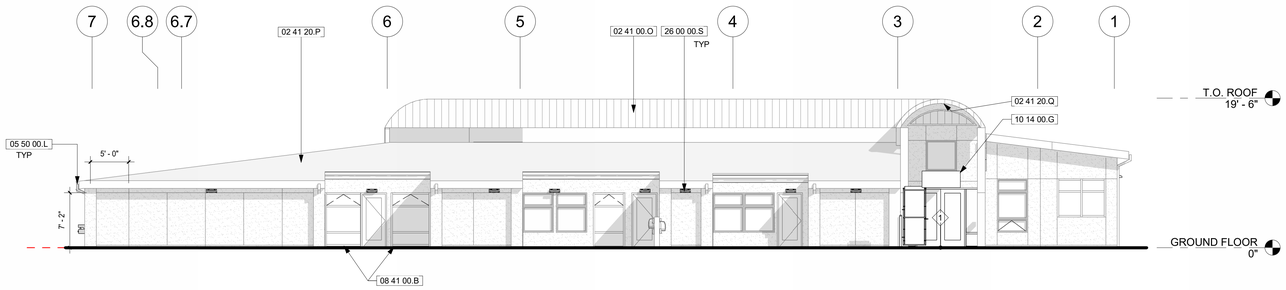


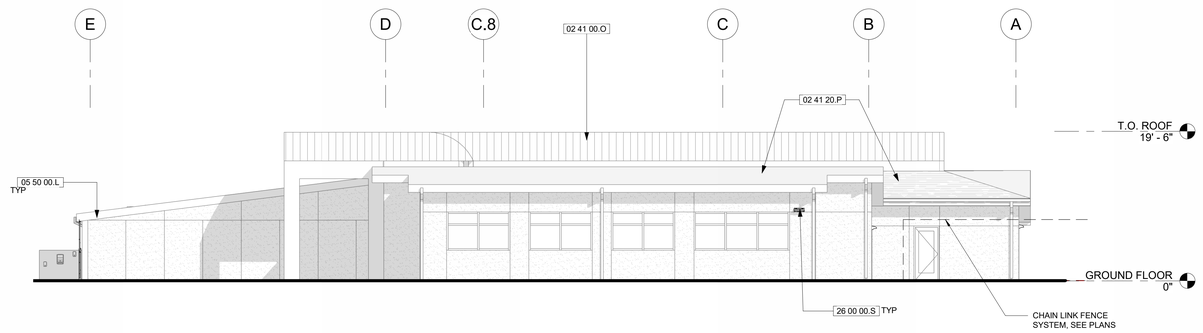
WEST ELEVATION | 1/8" = 1'-0" | **4**



SOUTH ELEVATION | 1/8" = 1'-0" | **3**



EAST ELEVATION | 1/8" = 1'-0" | **2**



NORTH ELEVATION | 1/8" = 1'-0" | **1**

SHEET NOTES - IMPROVEMENTS

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

KEYNOTES - IMPROVEMENTS

?	DESCRIPTION
02 41 00.O	(E) BARREL VAULT CORRUGATED METAL ROOF TO REMAIN. PROTECT IN PLACE
02 41 20.N	TYPICAL (E) WOOD FASCIA. PREP AND FINISH AS REQUIRED TO RECIEVE NEW PAINT FINISH. SEE ADD ALTERNATE #4A FOR MORE INFO
02 41 20.P	TYPICAL (E) BUILT UP ROOFING TO REMAIN
02 41 20.Q	(E) CEMENT PLASTER TO BE REPAINTED. ALL WATER STAINS TO BE REMOVED. PREP AREA FOR NEW WORK.
05 50 00.L	(E) SHEET METAL GUTTER AND DOWNSPOUT TO BE PAINTED, PREP AREA FOR NEW WORK.
05 50 00.M	(N) RAILING FOR THE ACCESSIBLE DRINKING FOUNTAIN. SEE DETAIL 3/GEN-4 FOR MORE INFORMATION.
08 41 00.B	(E) TYP ALUMINIUM STOREFRONT SYSTEMS TO REMAIN. PROTECT IN PLACE.
10 14 00.G	(E) BUILDING IDENTIFICATION SIGN. SEE IMAGE 4 ON SHEET GEN-6
22 00 00.O	STAINLESS STEEL DRINKING FOUNTAIN BACK PANEL ASSEMBLY. PROVIDE CUSTOM CUTOUT AS REQUIRED OR DRINKING FOUNTAIN AND BOTTLE FILLER INSTALLATION.
22 00 00.P	(N) HI-LO DRINKING FOUNTAIN AND BOTTLE FILLING STATION WITH GUARDRAILS, SPD; SEE 17/GEN-4 FOR MORE INFO.
26 00 00.S	EXTERIOR LIGHTING. SED AND SPECS FOR MORE INFO.

EXTERIOR ELEV LEGEND

(E) CEMENT PLASTER FINISH TO BE REPAINTED. GC TO CLEAN AND PREP EXISTING CEMENT PLASTER FINISH AS REQUIRED FOR NEW WORK

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PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVARA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

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EXTERIOR ELEVATIONS

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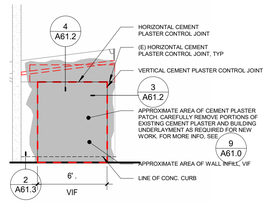
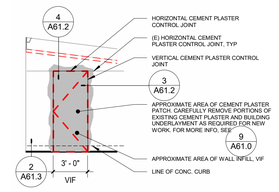
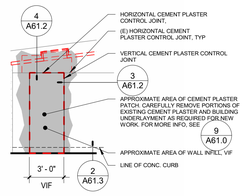


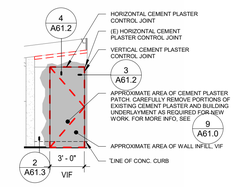
PRESCHOOL 3 STORAGE DOOR PATCH 3/16" = 1'-0" **4**



PRESCHOOL 2 STORAGE DOOR PATCH 3/16" = 1'-0" **3**



PRESCHOOL 1 STORAGE DOOR PATCH 3/16" = 1'-0" **2**



INFANTS STORAGE DOOR PATCH 3/16" = 1'-0" **1**

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION

KEYNOTES - IMPROVEMENTS

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ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SUMMA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

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EXTERIOR ELEVATIONS - STORAGE DOORS

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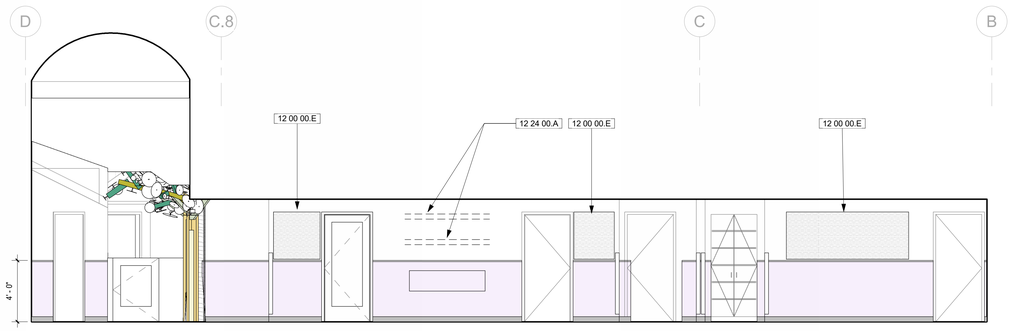
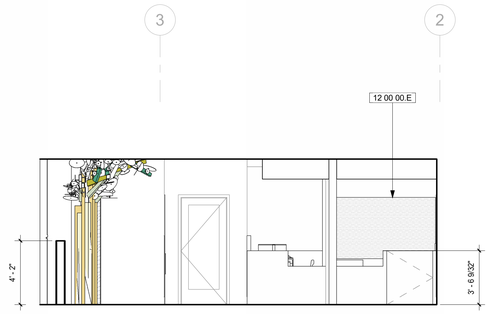


INT ELEV - ADMIN AREA - WEST | 1/4" = 1'-0" | **5**



INT ELEV - ADMIN AREA - SOUTH | 1/4" = 1'-0" | **4**

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
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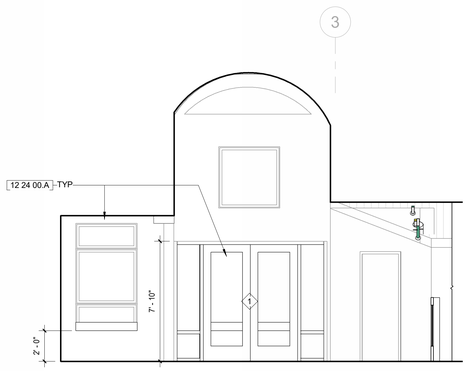
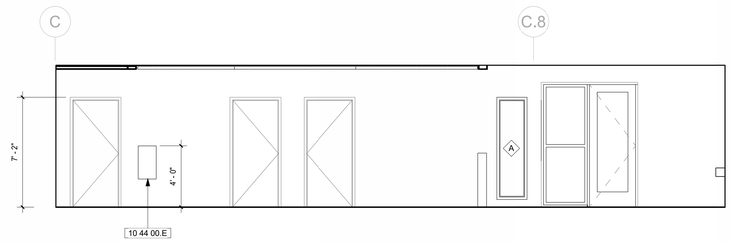
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

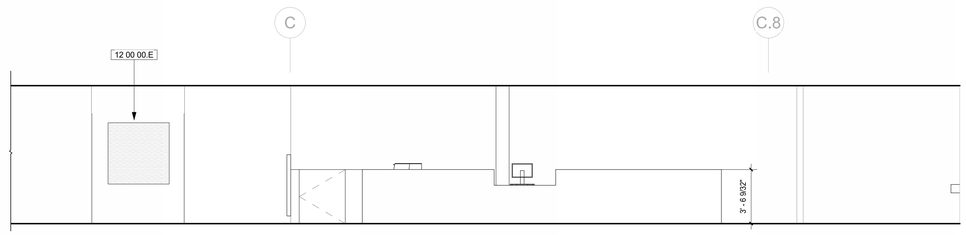
?	DESCRIPTION
06 40 00.C	(N) SOLID SURFACE COUNTERTOP
06 40 00.Y	(N) BASE CABINET. DEPTH 2'
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2
22 00 00.A	(N) COUNTERTOP SINK, SPD



INT ELEV - ADMIN AREA - EAST | 1/4" = 1'-0" | **3**

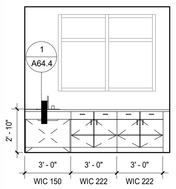


INT ELEV - ADMIN AREA - NORTH B | 1/4" = 1'-0" | **7**

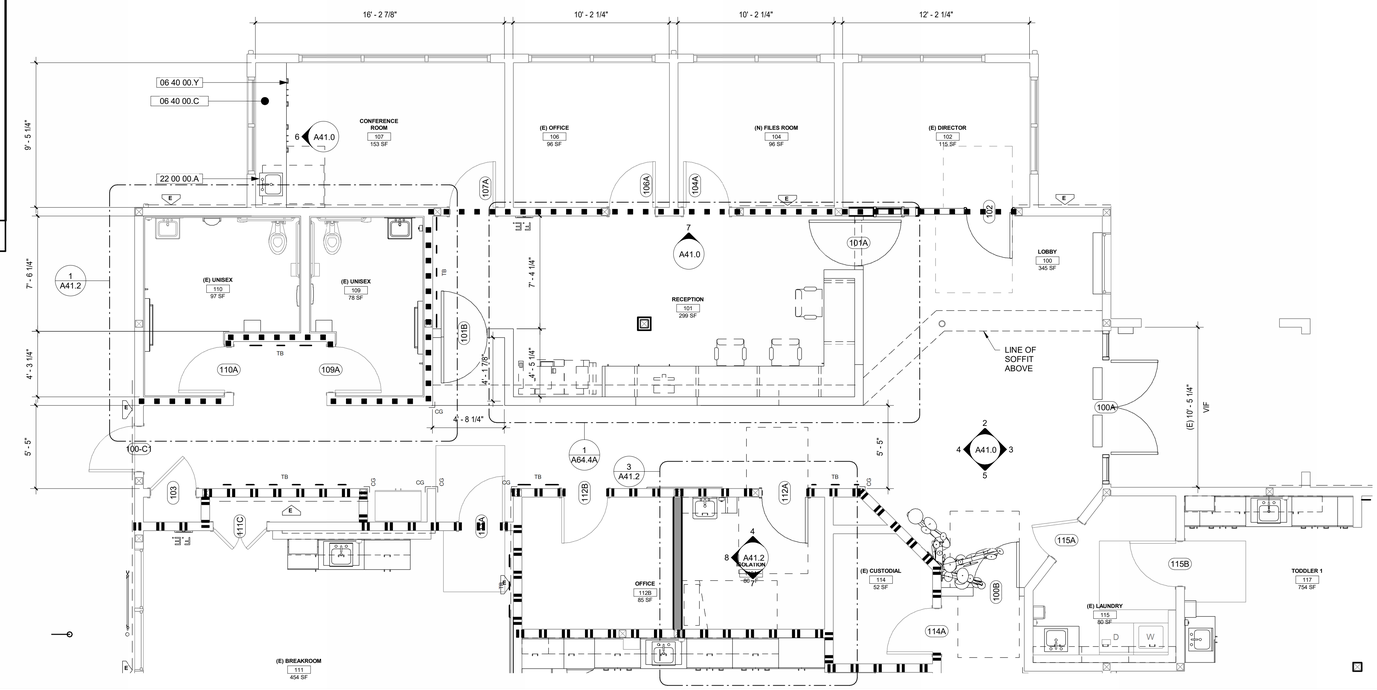


INT ELEV - ADMIN AREA - NORTH A | 1/4" = 1'-0" | **2**

KEYNOTES - IMPROVEMENTS



KITCHEN ELEVATION | 1/4" = 1'-0" | **6**



ENLARGED FLOOR PLAN - ADMIN AREA | 1/4" = 1'-0" | **1**

IMPROVEMENT FLOOR PLAN LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. CAB. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.0

ENLARGED PLAN - ADMIN PLAN AND ELEVATIONS

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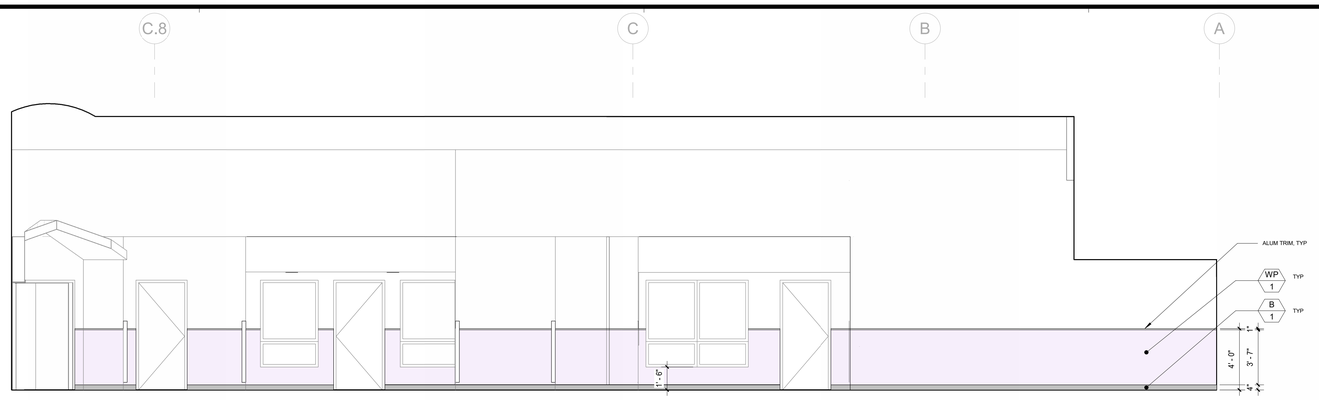
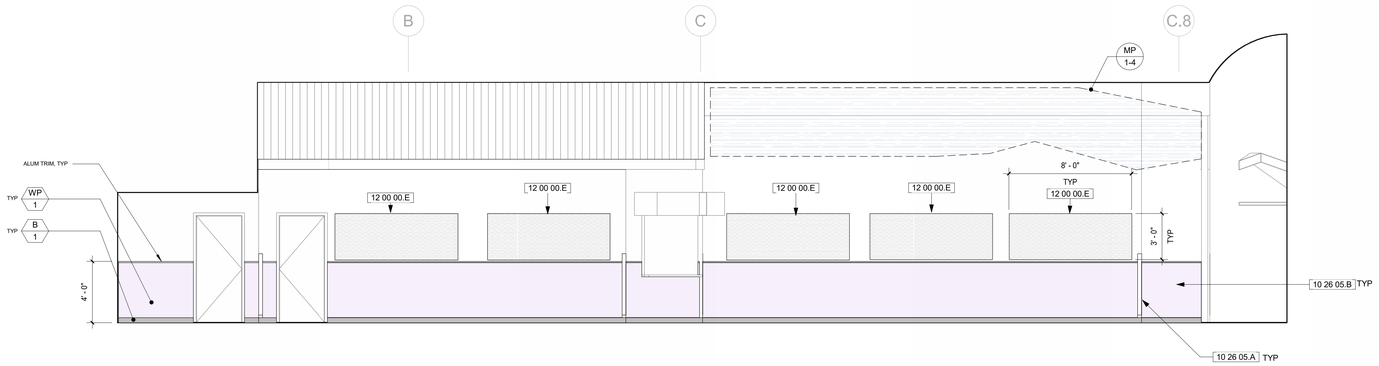
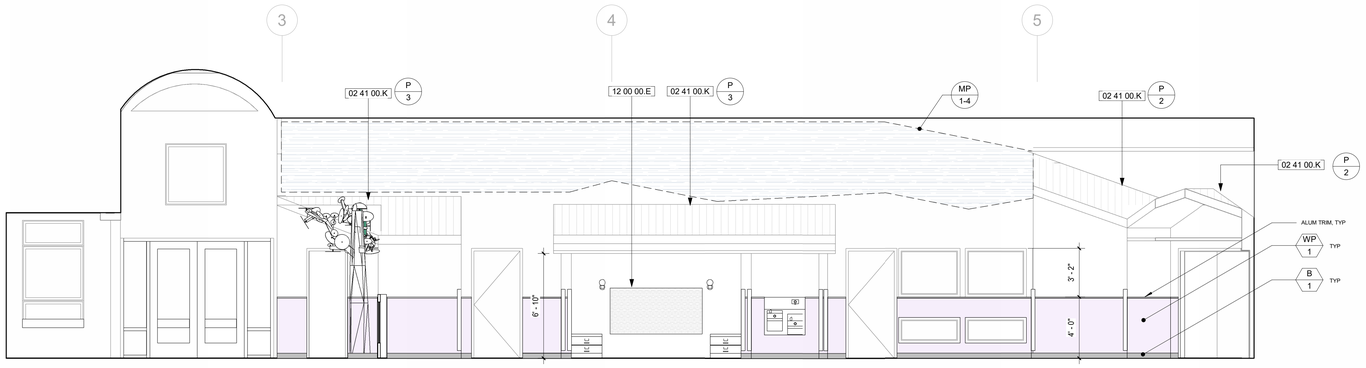


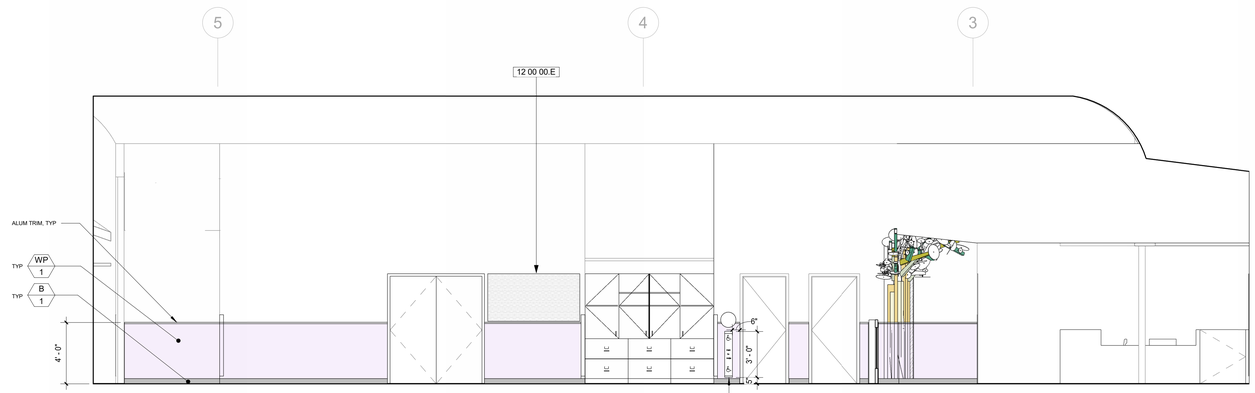
CORRIDOR ELEVATION 4 | 1/4" = 1'-0" | **4**



CORRIDOR ELEVATION 3 | 1/4" = 1'-0" | **3**



CORRIDOR ELEVATION 2 | 1/4" = 1'-0" | **2**



CORRIDOR ELEVATION 1 | 1/4" = 1'-0" | **1**

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KEYNOTES - IMPROVEMENTS

?	DESCRIPTION
02 41 00.K	(E) STANDING SEAM METAL ROOFING AND FASCIA TO BE PAINTED
10 26 05.A	CORNER GUARD, SEE PLAN AND SPECS
10 26 05.B	ADHRERED WALL PROTECTION, SEE PLAN, ELEVATIONS AND SPECS
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.

IMPROVEMENT FLOOR PLAN LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
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- 1i — WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
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3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.
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LICENSED ARCHITECT
ROBERT M. SIMMONS
No. C-18301
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
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A41.1

ENLARGED PLAN - CORRIDOR ELEVATIONS

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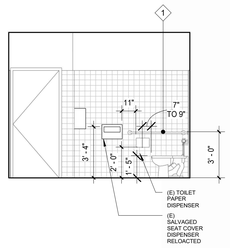
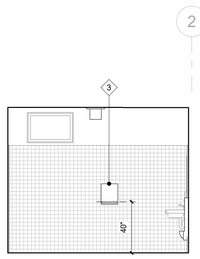
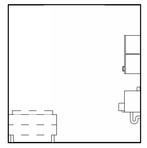


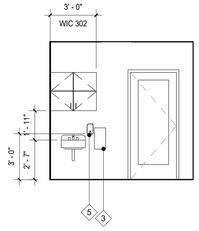
STAFF AND VISITOR B RR WEST ELEV 1/4" = 1'-0" **16**



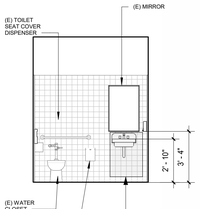
STAFF AND VISITOR A RR WEST ELEV 1/4" = 1'-0" **12**



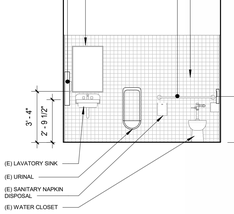
ISOLATION RM - WEST ELEV (AGE 3-4YRS) 1/4" = 1'-0" **8**



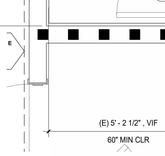
ISOLATION RM - NORTH ELEV (AGE 3-4YRS) 1/4" = 1'-0" **4**



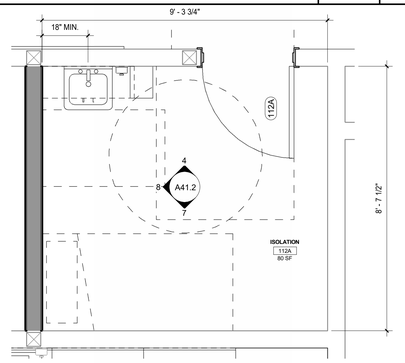
STAFF AND VISITOR B RR SOUTH ELEV 1/4" = 1'-0" **15**



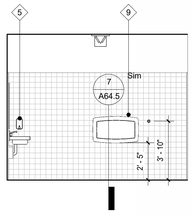
STAFF AND VISITOR A RR SOUTH ELEV 1/4" = 1'-0" **11**



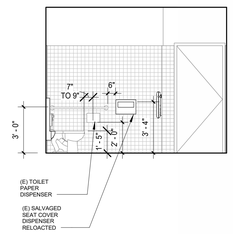
ISOLATION RM - SOUTH ELEV (AGE 3-4YRS) 1/4" = 1'-0" **7**



ENLR PLAN - ISOLATION RM (AGE 3-4YRS) 1/2" = 1'-0" **3**



TAFF AND VISITOR B RR EAST ELEV 1/4" = 1'-0" **14**



STAFF AND VISITOR A RR EAST ELEV 1/4" = 1'-0" **10**

GENERAL/UNISEX B RR NORTH ELEV 1/4" = 1'-0" **13**

GENERAL/UNISEX A RR NORTH ELEV 1/4" = 1'-0" **9**

ENLARGED PLAN - STAFF AND VISITOR RESTROOM 1/2" = 1'-0" **1**

TN RN

SHEET NOTES - IMPROVEMENTS

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?	DESCRIPTION
09 02 00.A	APPROXIMATE EXTENT OF NEW TILE PATCH. GC TO PROVIDE TILE FINISH FOR ARCHITECT REVIEW FOR INSTALLATION.

KEYNOTES - IMPROVEMENTS

◇ FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42

3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.

4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

9 BABY CHANGING TABLE - KOALA KARE KB300-SS

10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4 / A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
RICHARD M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.2

ENLARGED PLAN - STAFF AND VISITOR RESTROOMS AND ISOLATION ROOM

SVA ARCHITECTS

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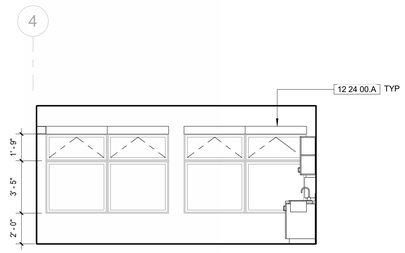
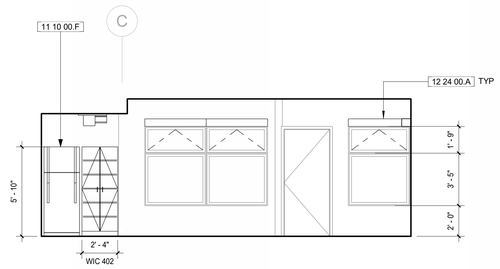
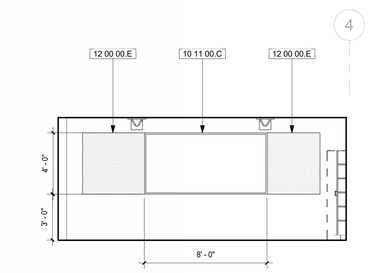


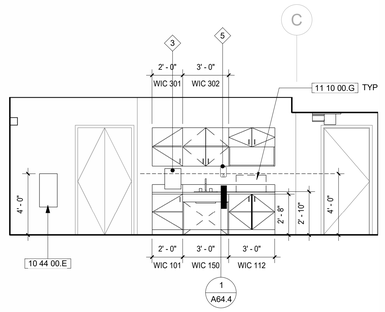
CONFERENCE ROOM WEST ELEVATION | 1/4" = 1'-0" | **5**



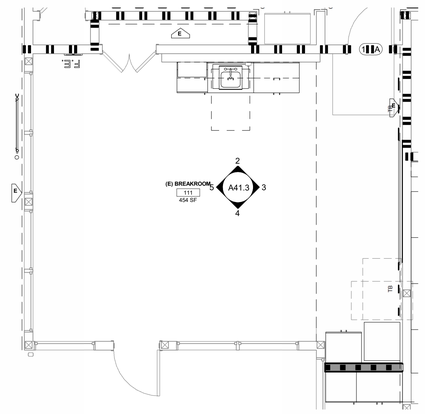
CONFERENCE ROOM SOUTH ELEVATION | 1/4" = 1'-0" | **4**



CONFERENCE ROOM EAST ELEVATION | 1/4" = 1'-0" | **3**



CONFERENCE ROOM NORTH ELEVATION | 1/4" = 1'-0" | **2**



ENLARGED IMPROVEMENT FLOOR - (E) BREAKROOM | 1/4" = 1'-0" | **1**

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK, ETC; PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
10 11 00.C	(N) MARKER BOARD WALL WITH ACCESSORIES ,SEE DETAIL 1/A64.5 AND SPEC"
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
11 10 00.F	FULL HEIGHT REFRIGERATOR, COMBINATION REFRIGERATOR/FREEZERS SHALL HAVE AT LEAST 50% OF FREEZER SPACE 54" MAX AFF.OFCI
11 10 00.G	COUNTERTOP MICROWAVE, OFCI
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2

KEYNOTES - IMPROVEMENTS

FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42

3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.

4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

9 BABY CHANGING TABLE - KOALA KARE KB300-SS

10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- 1i — WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
RESIDENT IN SUSANA
Richard M. Simon
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.3

ENLARGED PLAN - (E) BREAKROOM

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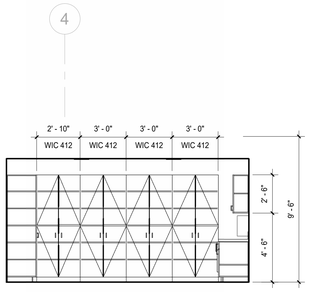
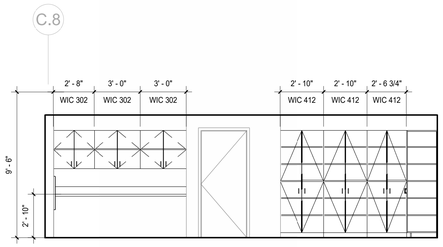
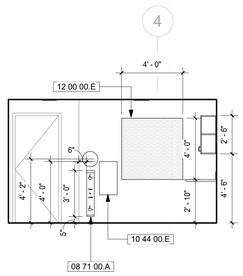


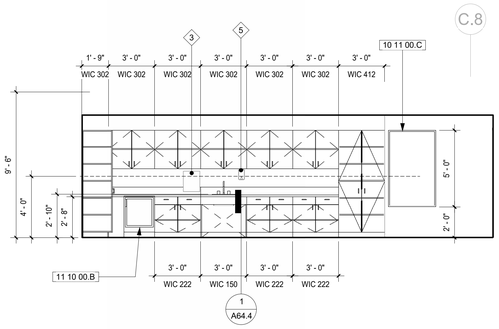
LAB PREP WEST ELEVATION 1/4" = 1'-0" **5**



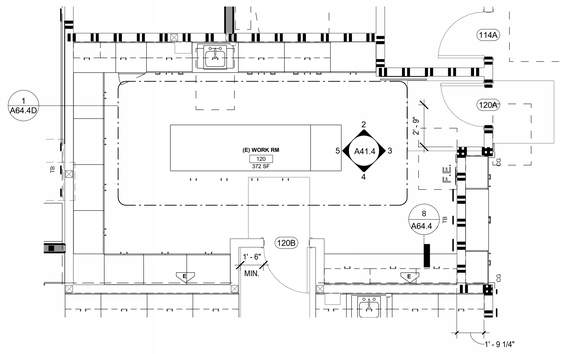
LAB PREP SOUTH ELEVATION 1/4" = 1'-0" **4**



LAB PREP EAST ELEVATION 1/4" = 1'-0" **3**



LAB PREP NORTH ELEVATION 1/4" = 1'-0" **2**



LAB PREP-ENLARGED IMPROVEMENT FLOOR PLAN 1/4" = 1'-0" **1**

TN RN

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
08 71 00.A	DOOR OPERATOR ON PULL SIDE, PROVIDE REQUIRED POWER INFRASTRUCTURE AND ACCESSORIES REQURIED FOR INSTALLATION.
10 11 00.C	(N) MARKER BOARD WALL WITH ACCESSORIES ,SEE DETAIL 1/A64.5 AND SPEC"
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
11 10 00.B	UNDER COUNTER REFRIGERATOR, OFCI
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.

KEYNOTES - IMPROVEMENTS

FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

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4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

9 BABY CHANGING TABLE - KOALA KARE KB300-SS

10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- 1i — WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. CO — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
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FLOOR PLAN GENERAL NOTES:

1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.4

ENLARGED PLAN - LAB PREP PLAN AND ELEVATIONS

SVA ARCHITECTS

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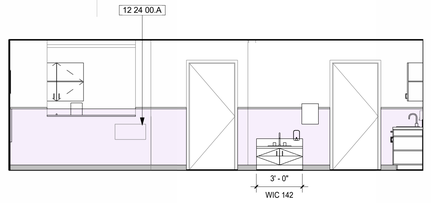
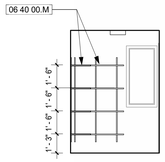
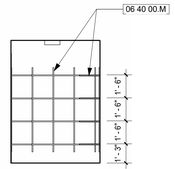


INFANTS WEST ELEVATION | 1/4" = 1'-0" | 5



INFANT STORAGE WEST ELEVATION | 1/4" = 1'-0" | 9



INFANT STORAGE EAST ELEVATION | 1/4" = 1'-0" | 7

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
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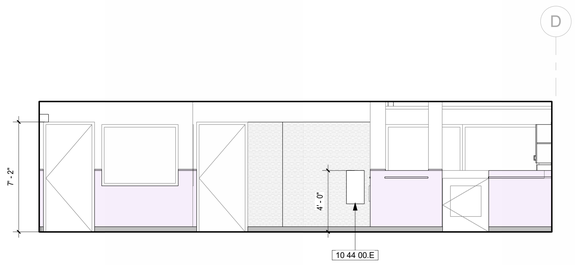
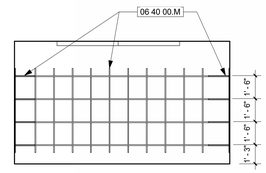
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

	DESCRIPTION

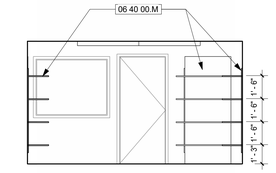
SHEET NOTES - IMPROVEMENTS



INFANTS SOUTH ELEVATION | 1/4" = 1'-0" | 4



INFANT STORAGE SOUTH ELEVATION | 1/4" = 1'-0" | 8



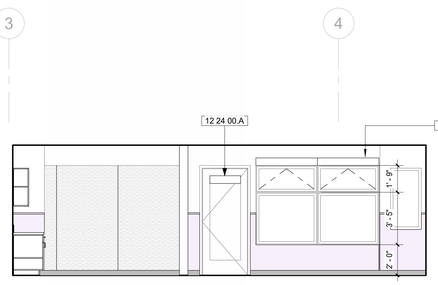
INFANT STORAGE NORTH ELEVATION | 1/4" = 1'-0" | 6

06 40 00.M	STORAGE SHELVING - 1" PLYWOOD SHELVING, IN 4' SEGMENTS WITH TRANSPARENT WOOD FINISH PER SPECS. SUPPORT WITH KNAPE & VOGT 82/182 HEAVY DUTY WALL STANDARDS AND HEIGHT ADJUSTABLE BRACKETS OR EQ. WHITE WALL STANDARDS AND BRAKCETS. PROVIDE WALL STANDARDS AT 12" O.C. FASTEN TO WALL AT WOOD WITH #10 FHWS W/ 2" MIN EMBED."
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2
22 00 00.N	NEW HOSE BIB, SEE PLUMBING DRAWINGS AND SHEET NOTE__

KEYNOTES - IMPROVEMENTS

	FIXTURE
1	GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL): 42" LENGTH @ SIDE WALL (BOBRICK B-5806X42) 36" LENGTH @ REAR WALL (BOBRICK B-5806X36)
2	1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42
3	PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.
4	NOT USED
5	PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)
6	NOT USED
7	NOT USED
8	24" x 36" FRAMED MIRROR, BOBRICK B-165 2436
9	BABY CHANGING TABLE - KOALA KARE KB300-SS
10	NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.



INFANTS EAST ELEVATION | 1/4" = 1'-0" | 3

RESTROOM ACCESSORY LEGEND

(E) SOFFIT TO REMAIN

(E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK

(E) WOOD STUD WALL

(N) FULL HEIGHT WOOD STUD WALL

(E) SHEAR WALL

(E) 1-HR OCCUPANCY SEPARATION WALL

1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)

2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)

WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS

101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0

1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0

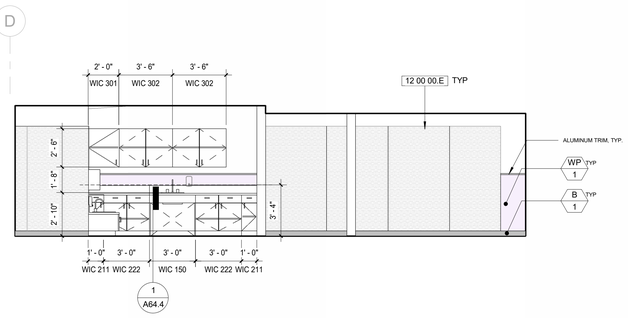
F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5

CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO

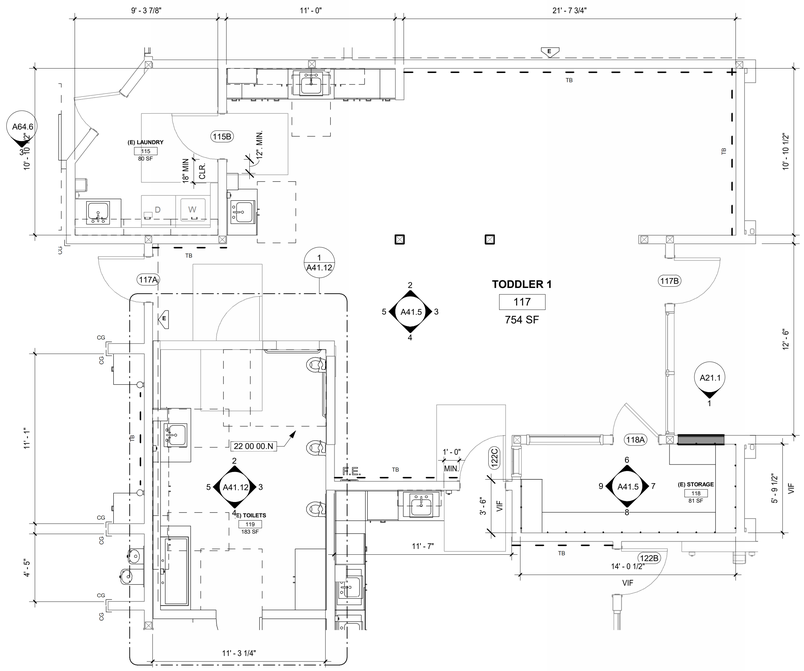
A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS

30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE

60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE



INFANTS NORTH ELEVATION | 1/4" = 1'-0" | 2



INFANTS-ENLARGED IMPROVEMENT FLOOR PLAN | 1/4" = 1'-0" | 1

IMPROVEMENT FLOOR PLAN LEGEND

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.5

ENLARGED PLAN - INFANTS PLAN AND ELEVATIONS

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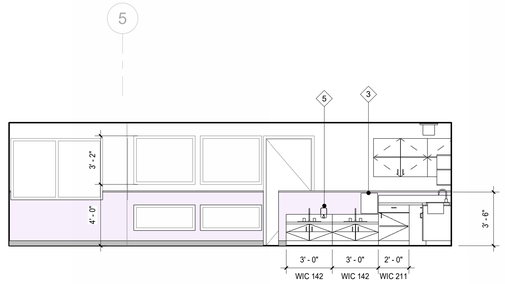
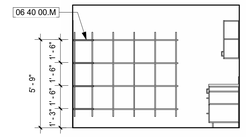


TODDLER WEST ELEVATION 1/4" = 1'-0" **5**



TODDLER STORAGE WEST ELEV 1/4" = 1'-0" **9**

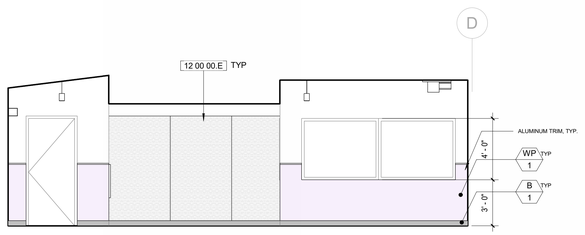


TODDLER STORAGE EAST ELEV 1/4" = 1'-0" **7**

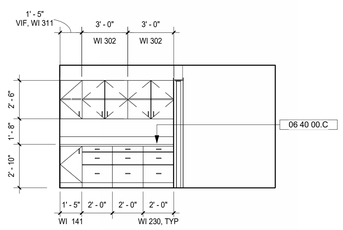
1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

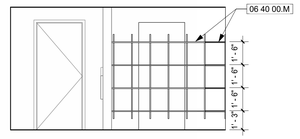
?	DESCRIPTION
06 40 00.C	(N) SOLID SURFACE COUNTERTOP
06 40 00.M	STORAGE SHELVING - 1" PLYWOOD SHELVING, IN 4' SEGMENTS WITH TRANSPARENT WOOD FINISH PER SPECS. SUPPORT WITH KNAPE & VOGT 82/182 HEAVY DUTY WALL STANDARDS AND HEIGHT ADJUSTABLE BRACKETS OR EQ. WHITE WALL STANDARDS AND BRAKCETS. PROVIDE WALL STANDARDS AT 12" O.C. FASTEN TO WALL AT WOOD WITH #10 FHWS W/ 2" MIN EMBED."
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2



TODDLER SOUTH ELEVATION 1/4" = 1'-0" **4**



TODDLER STORAGE SOUTH ELEV 1/4" = 1'-0" **8**



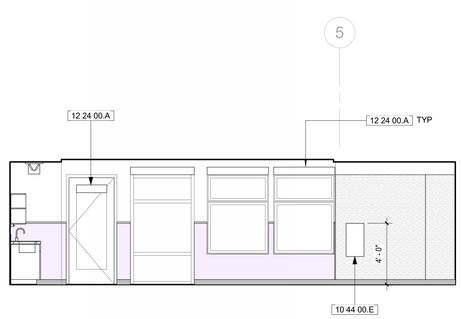
TODDLER STORAGE NORTH ELEV 1/4" = 1'-0" **6**

KEYNOTES - IMPROVEMENTS

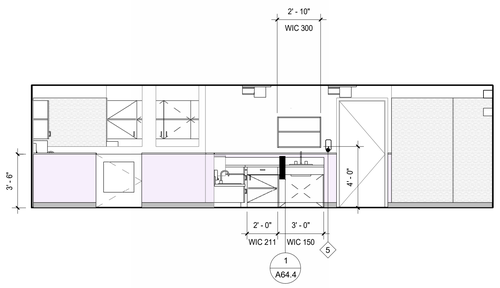
FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)
2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42
3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.
4 NOT USED
5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)
6 NOT USED
7 NOT USED
8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436
9 BABY CHANGING TABLE - KOALA KARE KB300-SS
10 NOT USED

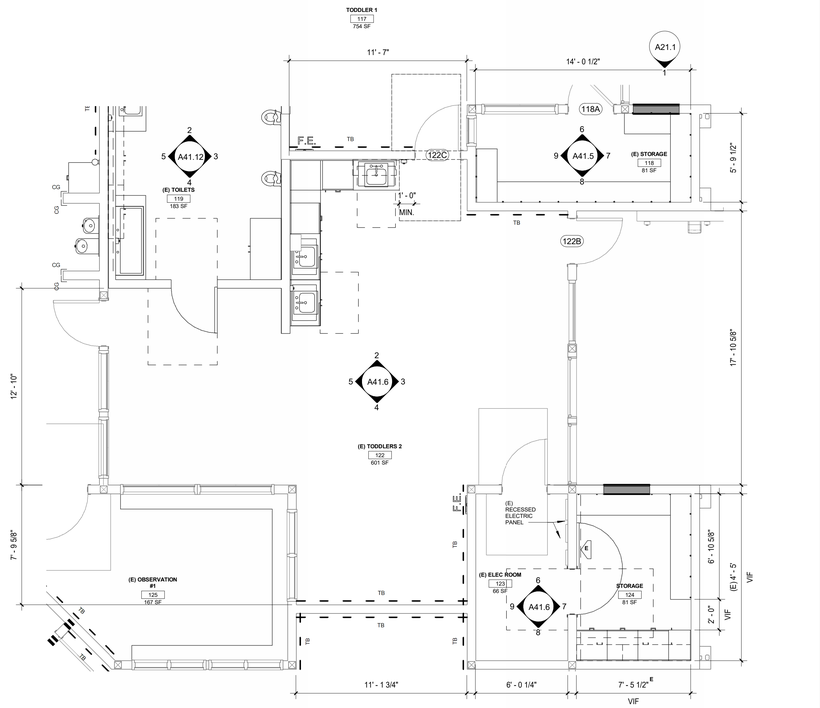
* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.



TODDLER EAST ELEVATION 1/4" = 1'-0" **3**



TODDLER NORTH ELEVATION 1/4" = 1'-0" **2**



TODDLERS-ENLARGED IMPROVEMENT FLOOR PLAN 1/4" = 1'-0" **1**

TN
RN

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.6

ENLARGED PLAN - TODDLERS PLAN AND ELEVATION

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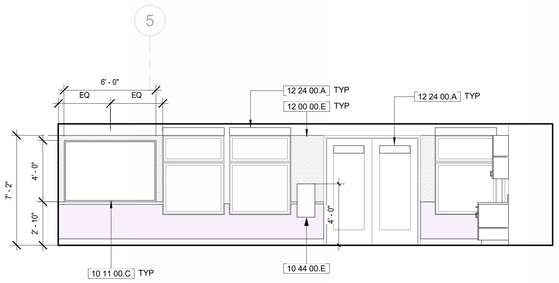
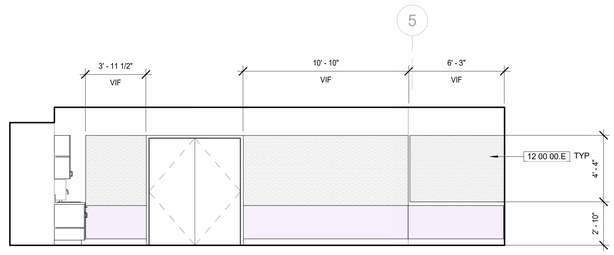


CHILD DEVELOPEMENT LAB WEST ELEVATION | 1/4" = 1'-0" | 5



CHILD DEVELOPEMENT LAB EAST ELEVATION | 1/4" = 1'-0" | 3

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
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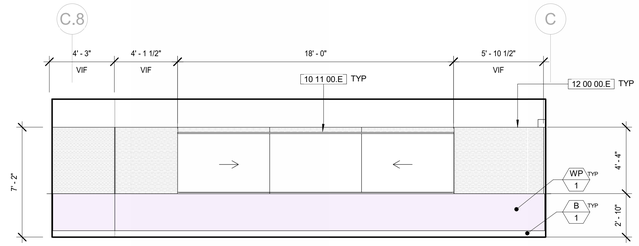
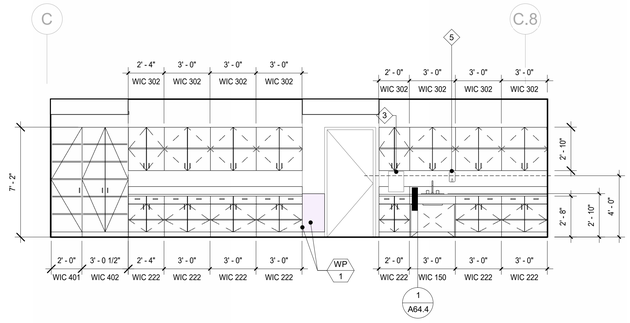
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK, ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS



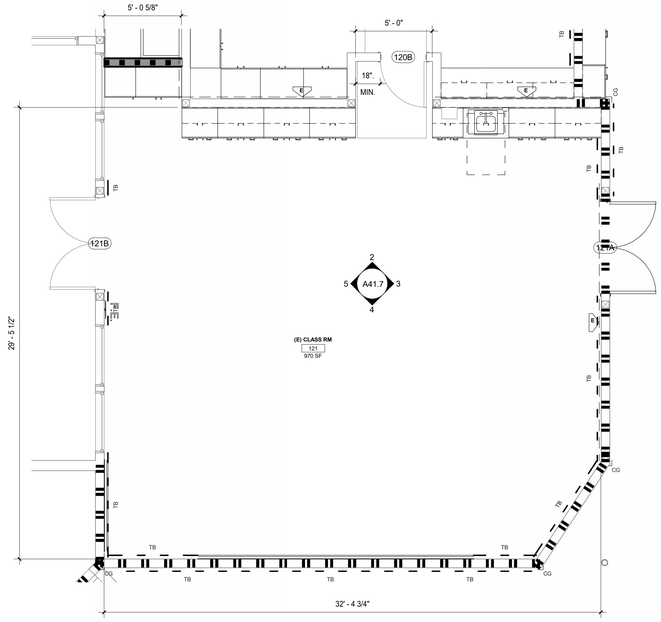
CHILD DEVELOPEMENT LAB SOUTH ELEVATION | 1/4" = 1'-0" | 4



CHILD DEVELOPEMENT LAB NORTH ELEVATION | 1/4" = 1'-0" | 2

	DESCRIPTION
10 11 00.C	(N) MARKER BOARD WALL WITH ACCESSORIES ,SEE DETAIL 1/A64.5 AND SPEC"
10 11 00.E	(N) SLIDING MARKER BOARD WALL WITH TRAY AND ACCESSORIES ,SEE SPECS.
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2

KEYNOTES - IMPROVEMENTS



CHILD DEVELOPMENT LAB-ENLARGED IMPROVEMENT FLOOR PLAN | 1/4" = 1'-0" | 1

TN RN

- FIXTURE
- 1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL): 42" LENGTH @ SIDE WALL (BOBRICK B-5806X42) 36" LENGTH @ REAR WALL (BOBRICK B-5806X36)
- 2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42
- 3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.
- 4 NOT USED
- 5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)
- 6 NOT USED
- 7 NOT USED
- 8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436
- 9 BABY CHANGING TABLE - KOALA KARE KB300-SS
- 10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- 1i — WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. CAB. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:

1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.
4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVARA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
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9		
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11		
12		
13		
14		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.7

ENLARGED PLAN - CHILD DEVELOPEMENT LAB PLAN AND ELEVATIONS

SVA ARCHITECTS

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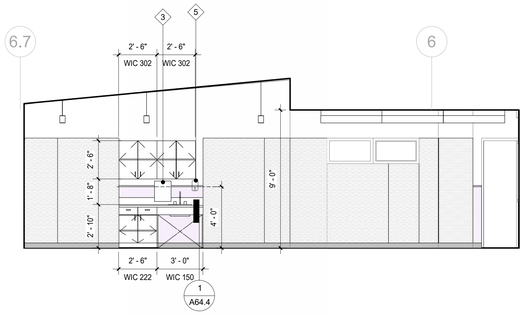
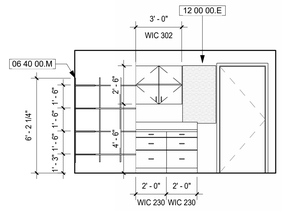
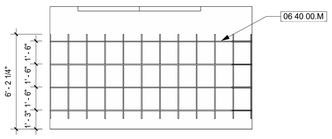


PRESCHOOL 1 WEST ELEVATION | 1/4" = 1'-0" | 5



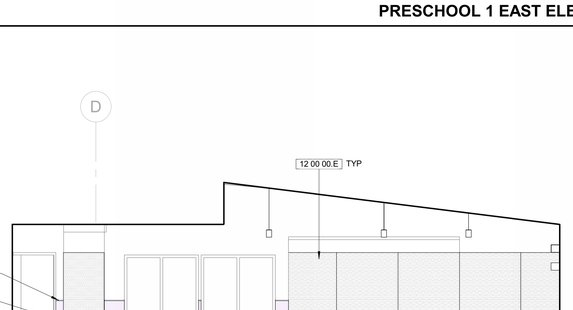
PRESCHOOL 1 STORAGE WEST ELEV | 1/4" = 1'-0" | 9



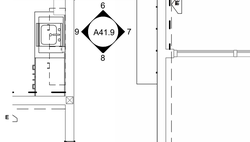
PRESCHOOL 1 STORAGE EAST ELEV | 1/4" = 1'-0" | 7

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS



PRESCHOOL 1 SOUTH ELEVATION | 1/4" = 1'-0" | 4

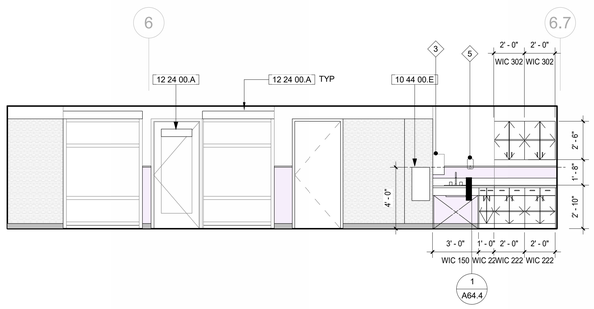


PRESCHOOL 1 STORAGE SOUTH ELEV | 1/4" = 1'-0" | 8



PRESCHOOL 1 STORAGE NORTH ELEV | 1/4" = 1'-0" | 6

?	DESCRIPTION
06 40 00.M	STORAGE SHELVING - 1" PLYWOOD SHELVING, IN 4' SEGMENTS WITH TRANSPARENT WOOD FINISH PER SPECS. SUPPORT WITH KNAPE & VOGT 82/182 HEAVY DUTY WALL STANDARDS AND HEIGHT ADJUSTABLE BRACKETS OR EQ. WHITE WALL STANDARDS AND BRAKCETS. PROVIDE WALL STANDARDS AT 12" O.C. FASTEN TO WALL AT WOOD WITH #10 FHWS W/ 2" MIN EMBED."
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2



PRESCHOOL 1 EAST ELEVATION | 1/4" = 1'-0" | 3

PRESCHOOL 1-ENLARGED IMPROVEMENT FLOOR PLAN | 1/4" = 1'-0" | 1

FIXTURE **KEYNOTES - IMPROVEMENTS**

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42

3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.

4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

9 BABY CHANGING TABLE - KOALA KARE KB300-SS

10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. CT — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- CG A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

PRESCHOOL 1 NORTH ELEVATION | 1/4" = 1'-0" | 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
RICHARD M. SVINTH
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.8

ENLARGED PLAN - PRESCHOOL 1 PLAN AND ELEVATIONS

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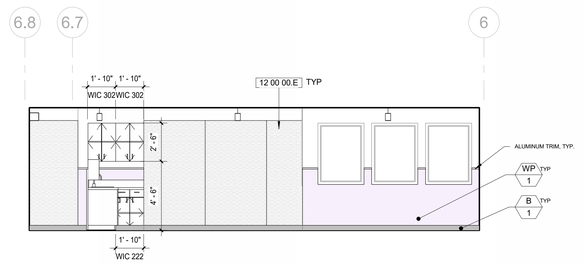
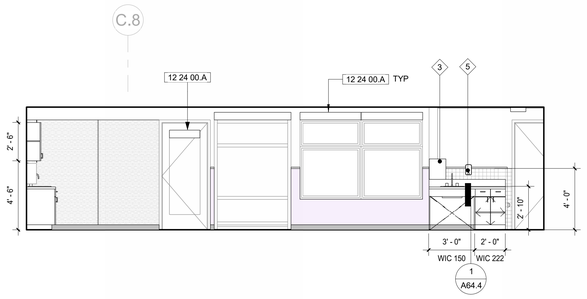
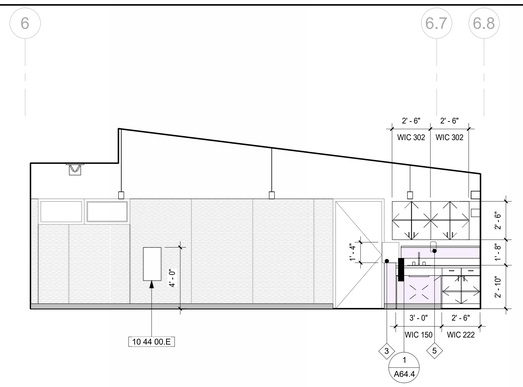


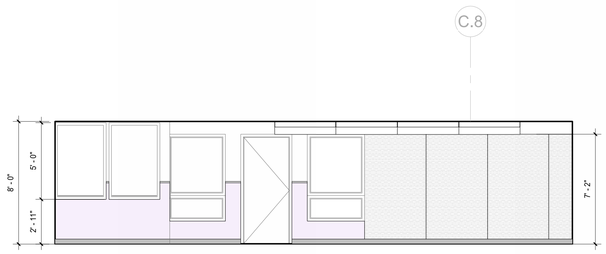
PRESCHOOL 2 WEST ELEVATION | 1/4" = 1'-0" | 5



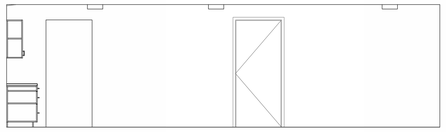
PRESCHOOL 2 SOUTH ELEVATION | 1/4" = 1'-0" | 4



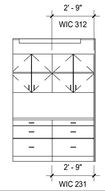
PRESCHOOL 2 EAST ELEVATION | 1/4" = 1'-0" | 3



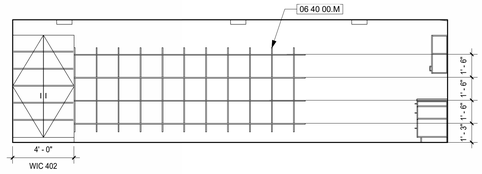
PRESCHOOL 2 NORTH ELEVATION | 1/4" = 1'-0" | 2



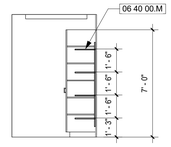
PRESCHOOL 2 STORAGE WEST ELEVATION | 1/4" = 1'-0" | 9



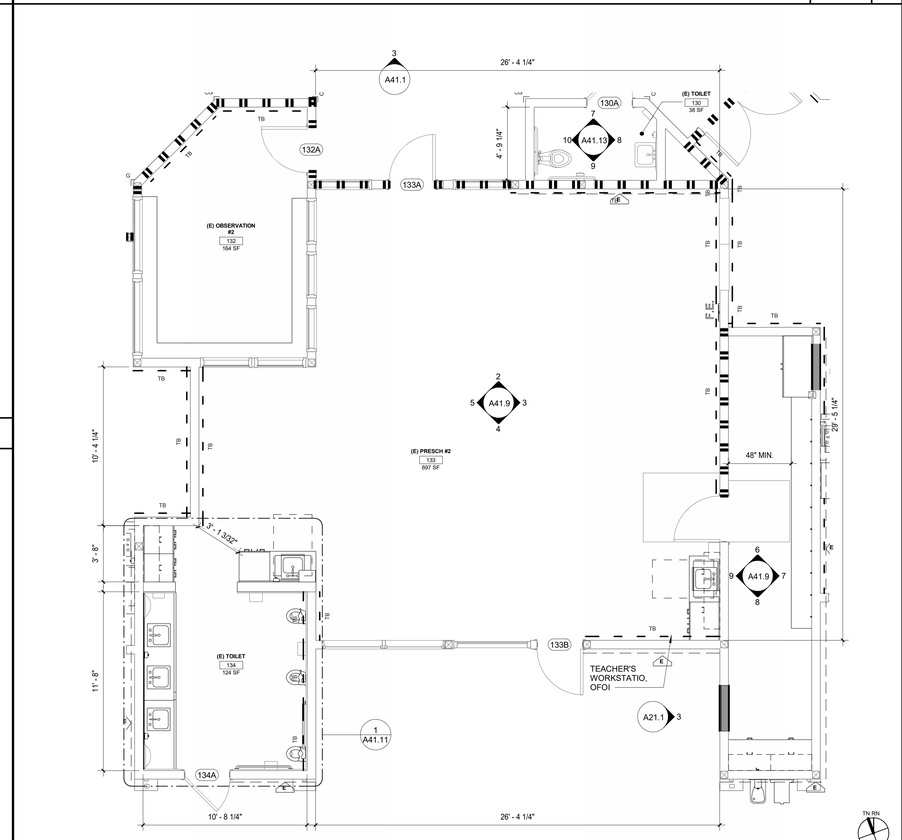
PRESCHOOL 2 STORAGE SOUTH ELEVATION | 1/4" = 1'-0" | 8



PRESCHOOL 2 STORAGE EAST ELEVATION | 1/4" = 1'-0" | 7



PRESCHOOL 2 STORAGE NORTH ELEVATION | 1/4" = 1'-0" | 6



PRESCHOOL 2-ENLARGED IMPROVEMENT FLOOR PLAN | 1/4" = 1'-0" | 1

IMPROVEMENT FLOOR PLAN LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:

1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.
4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

SHEET NOTES - IMPROVEMENTS

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
06 40 00.M	STORAGE SHELVING - 1" PLYWOOD SHELVING, IN 4' SEGMENTS WITH TRANSPARENT WOOD FINISH PER SPECS. SUPPORT WITH KNAPE & VOGT 82/182 HEAVY DUTY WALL STANDARDS AND HEIGHT ADJUSTABLE BRACKETS OR EQ. WHITE WALL STANDARDS AND BRAKCETS. PROVIDE WALL STANDARDS AT 12" O.C. FASTEN TO WALL AT WOOD WITH #10 FHWS W/ 2" MIN EMBED."
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2

KEYNOTES - IMPROVEMENTS

FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42

3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.

4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

9 BABY CHANGING TABLE - KOALA KARE KB300-SS

10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.9

ENLARGED PLAN - PRESCHOOL 2 PLAN AND ELEVATIONS

SVA ARCHITECTS

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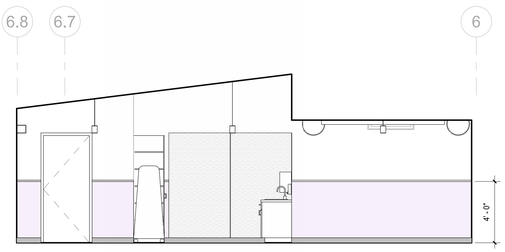
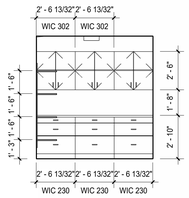
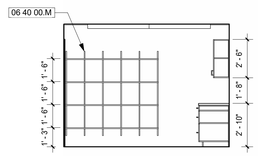


PRESHOOL 3 WEST ELEVATION | 1/4" = 1'-0" | 12



PRESCHOOL 3 STR WEST ELEV B | 1/4" = 1'-0" | 8



PRESCHOOL 3 STR SOUTH ELEV | 1/4" = 1'-0" | 4

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
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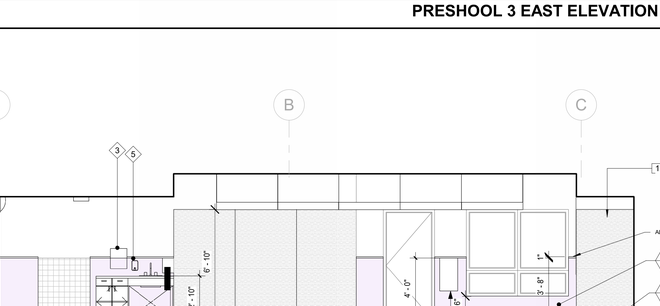
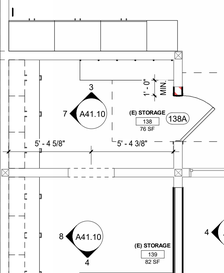
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

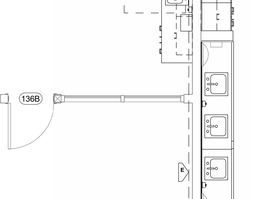
?	DESCRIPTION
06 40 00.M	STORAGE SHELVING - 1" PLYWOOD SHELVING, IN 4' SEGMENTS WITH TRANSPARENT WOOD FINISH PER SPECS. SUPPORT WITH KNAPE & VOGT 82/182 HEAVY DUTY WALL STANDARDS AND HEIGHT ADJUSTABLE BRACKETS OR EQ. WHITE WALL STANDARDS AND BRAKCETS. PROVIDE WALL STANDARDS AT 12" O.C. FASTEN TO WALL AT WOOD WITH #10 FHWS W/ 2" MIN EMBED."
10 44 00.E	WALL MOUNTED FIRE EXTINGUISHER- WITH WALL MOUNT BRACKET, TYPE 2A 10B:C WITH CERTIFIED TAG, DETAIL SEE 4/A64.5, TYP
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 24 00.A	MANUAL WINDOW SHADES, SURFACE MOUNTED, SEE 18/A64.2



PRESHOOL 3 SOUTH ELEVATION | 1/4" = 1'-0" | 11



PRESCHOOL 3 STR WEST ELEV A | 1/4" = 1'-0" | 7

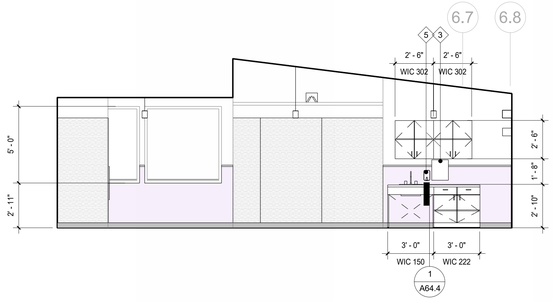


PRESCHOOL 3 STR NORTH ELEV | 1/4" = 1'-0" | 3

KEYNOTES - IMPROVEMENTS

-	FIXTURE
1	GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL): 42" LENGTH @ SIDE WALL (BOBRICK B-5806X42) 36" LENGTH @ REAR WALL (BOBRICK B-5806X36)
2	1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42
3	PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.
4	NOT USED
5	PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)
6	NOT USED
7	NOT USED
8	24" x 36" FRAMED MIRROR, BOBRICK B-165 2436
9	BABY CHANGING TABLE - KOALA KARE KB300-SS
10	NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.



PRESHOOL 3 EAST ELEVATION | 1/4" = 1'-0" | 10

PRESHOOL 3 NORTH ELEVATION | 1/4" = 1'-0" | 9

PRESCHOOL 3-ENLARGED IMPROVEMENT FLOOR PLAN | 1/4" = 1'-0" | 1

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. CO — FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
- CG — (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:

1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
RICHARD M. SVANOE
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.10

ENLARGED PLAN - PRESCHOOL 3 PLAN AND ELEVATIONS

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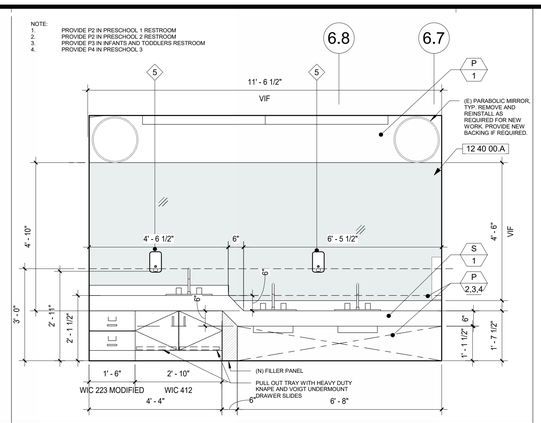
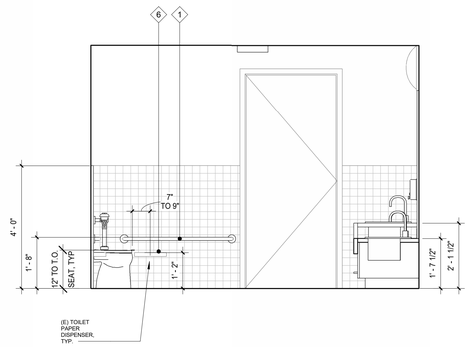
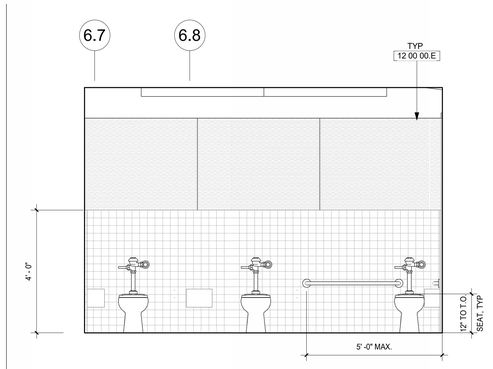


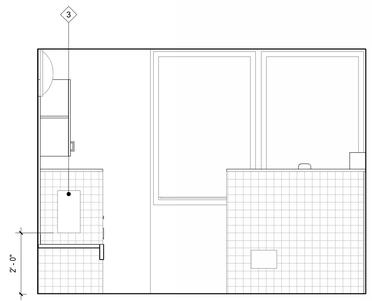
PRESCHOOL RESTROOM WEST ELEV | 1/2" = 1'-0" | **5**



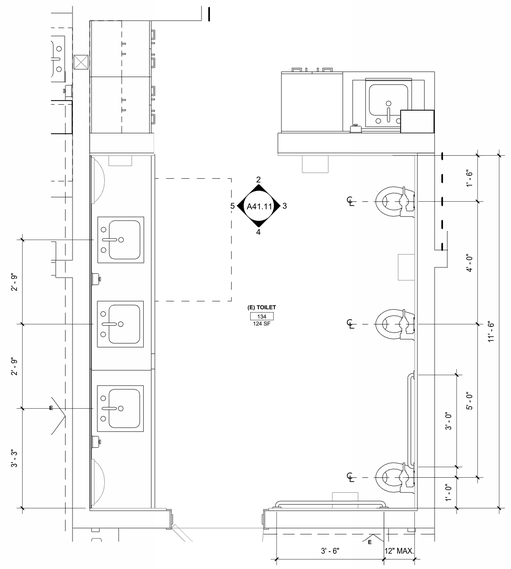
PRESCHOOL RESTROOM SOUTH ELEV | 1/2" = 1'-0" | **4**



PRESCHOOL RESTROOM EAST ELEV | 1/2" = 1'-0" | **3**



PRESCHOOL RESTROOM NORTH ELEV | 1/2" = 1'-0" | **2**



TYPICAL PRESCHOOL (3-4 YRS) RESTROOM ENLARGED PLAN | 1/2" = 1'-0" | **1**

TN RN

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
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8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
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10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
12 40 00.A	(E) MIRROR

KEYNOTES - IMPROVEMENTS

◇ FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42

3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.

4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

9 BABY CHANGING TABLE - KOALA KARE **KB**300-SS

10 NOT USED

* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.

RESTROOM ACCESSORY LEGEND

(E) SOFFIT TO REMAIN

(E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK

(E) WOOD STUD WALL

(N) FULL HEIGHT WOOD STUD WALL

(E) SHEAR WALL

(E) 1-HR OCCUPANCY SEPARATION WALL

1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)

2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)

1 WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS

101 NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0

1 STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0

F.E. FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5

CG (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO

A TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS

30"X48" CLR. 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE

60" MIN. CLR. 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

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3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMMS
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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TYPICAL PRESCHOOL RESTROOM CALLOUT

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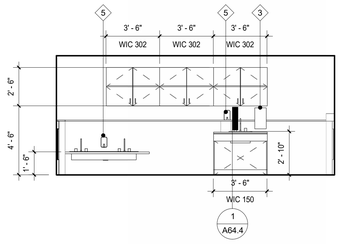
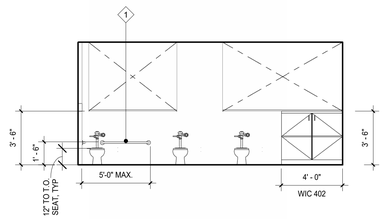


INFANTS & TODDLER RR WEST ELEV | 1/4" = 1'-0" | 5



INFANTS & TODDLER RR EAST ELEV | 1/4" = 1'-0" | 3

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
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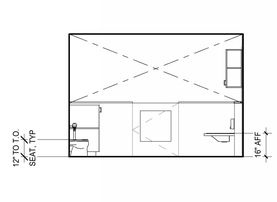
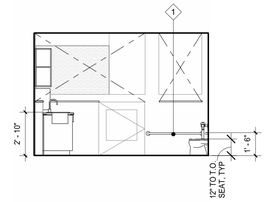
#	DESCRIPTION

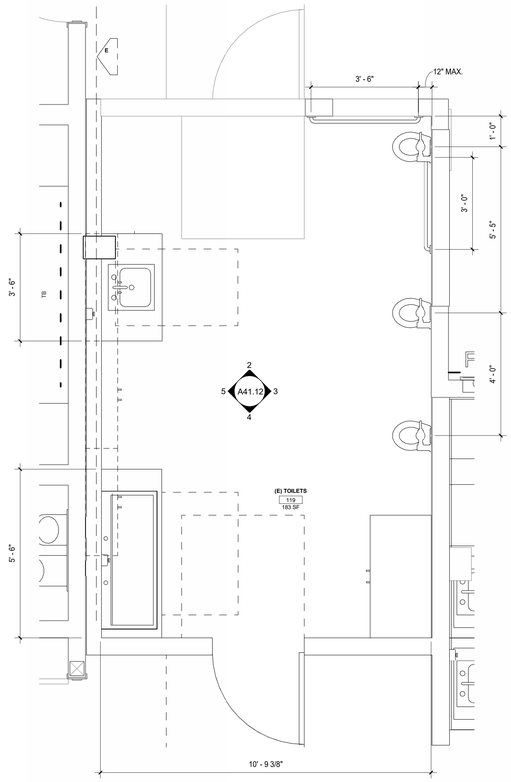
SHEET NOTES - IMPROVEMENTS



INFANTS & TODDLER RR SOUTH ELEV | 1/4" = 1'-0" | 4



INFANTS & TODDLER RR NORTH ELEV | 1/4" = 1'-0" | 2



INFANTS AND TODDLERS RESTROOM (AGE 3-4 YRS) | 1/2" = 1'-0" | 1

KEYNOTES - IMPROVEMENTS

FIXTURE

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10 NOT USED

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- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
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- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

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4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
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DATE: 04/01/2026

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ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVANOE
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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15		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A41.12

ENLARGED PLAN - INFANTS AND TODDLER RESTROOM

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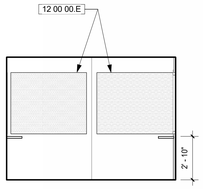
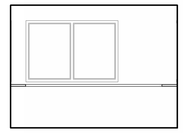


OBV 1 WEST ELEVATION | 1/4" = 1'-0" | 5

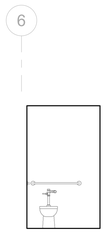


OBV 1 EAST ELEVATION | 1/4" = 1'-0" | 3

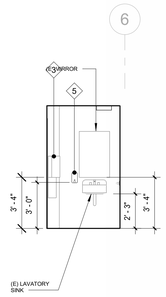
1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

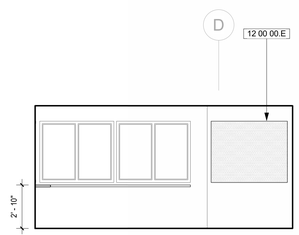
?	DESCRIPTION
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.



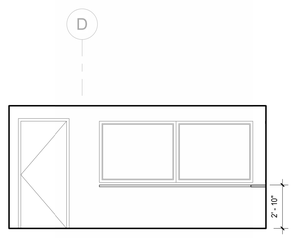
UNISEX ADULT RESTROOM WEST ELEV | 1/4" = 1'-0" | 10



UNISEX ADULT RESTROOM EAST ELEV | 1/4" = 1'-0" | 8



OBV 1 SOUTH ELEVATION | 1/4" = 1'-0" | 4



OBV 1 NORTH ELEVATION | 1/4" = 1'-0" | 2

KEYNOTES - IMPROVEMENTS

◇ FIXTURE

1 GRAB BARS FOR ACCESSIBLE TOILET (1-1/4" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5806X42)
36" LENGTH @ REAR WALL (BOBRICK B-5806X36)

2 1-1/4" DIA. STAINLESS STEEL GRAB BAR, 42", BOBRICK B-5806X42

3 PACIFIC BLUE ULTRA RECESSED MECHANICAL TOWEL DISPENSER BY GP PRO (GEORGIA-PACIFIC), STAINLESS STEEL (59537) OFOI. WITH STAINLESS STEEL WALL MOUNT COLLAR FOR SURFACE MOUNTING.

4 NOT USED

5 PACIFIC BLUE ULTRA WALL-MOUNTED MANUAL DISPENSER (53757PC) BLACK (OFOI)

6 NOT USED

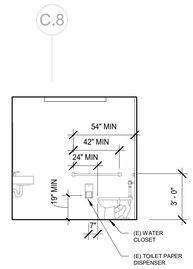
7 NOT USED

8 24" x 36" FRAMED MIRROR, BOBRICK B-165 2436

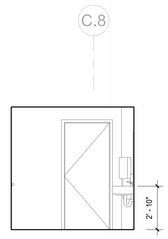
9 BABY CHANGING TABLE - KOALA KARE KB300-SS

10 NOT USED

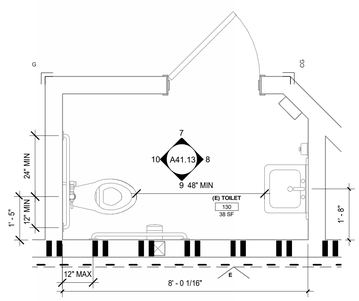
* REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.



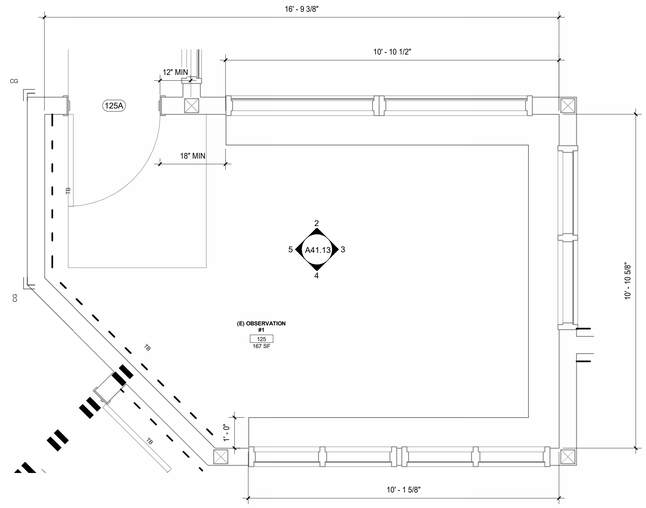
UNISEX ADULT RESTROOM SOUTH ELEV | 1/4" = 1'-0" | 9



UNISEX ADULT RESTROOM NORTH ELEV | 1/4" = 1'-0" | 7



ENLARGED ROOM - UNISEX ADULT RESTROOM | 1/2" = 1'-0" | 6



TN RN

OBV 1-ENLARGED IMPROVEMENT FLOOR PLAN | 1/2" = 1'-0" | 1

RESTROOM ACCESSORY LEGEND

- (E) SOFFIT TO REMAIN
- (E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
- (E) WOOD STUD WALL
- (N) FULL HEIGHT WOOD STUD WALL
- (E) SHEAR WALL
- (E) 1-HR OCCUPANCY SEPARATION WALL
- 1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
- 2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
- 1i — WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
- 101 — NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
- 1 — STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
- F.E. — FIRE EXTINGUISHER CABINET PER DETAIL 4 / A64.5
- (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
- CG / A — TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
- 30"X48" CLR. — 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. — 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.

2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.

3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.

4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVANOE
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO:	2023-40178
ISSUANCE:	ISSUE SET
DATE ISSUED:	2/12/26
SCALE:	As indicated

A41.13

ENLARGED PLAN - TYPICAL OBSERVATION ROOM

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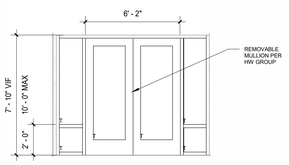
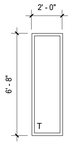
DOOR SCHEDULE

NUMBER	Phase Created	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	DETAILS HEAD DETAIL	DETAILS TRANSOM	DETAILS JAMB 1	DETAILS JAMB 2	DETAILS THRESHOLD (SEE 5/A62.2)	HARDWARE HARDWARE GROUP	HARDWARE PANIC HARDWARE ?	HARDWARE ELECTRONIC ACCESS Electronic Access	HARDWARE ELECTRONIC ACCESS FAIL SAFE?	HARDWARE ELECTRONIC ACCESS FAIL SECURE?	LOCKABLE FROM INSIDE?	FIRE RATING	REMARKS
100-C1	Existing	3' - 0"	7' - 0"	FG	SWC	FP	HM	FP	(E)		(E)		F	17	Yes				Yes		4, 5
100-C2	Existing	3' - 0"	7' - 2"	FG										11	Yes	Yes			Yes		4,5B
100-C5	New Construction	3' - 0"	8' - 0"	G-BBB	CLF	GALV	CLF	GALV	-		5/A01.4		-	02	Yes	No	Yes				
100A	New Construction	6' - 2"	7' - 7 1/2"	FG-FG	ALUM	FPFP	ALUM	FPFP	2/A62.3		4/A62.3		F	3	Yes	Yes	Yes		Yes		4, 5B
100B	New Construction	3' - 0"	4' - 2"	G-OOO		FPFP		FPFP	-		3/A62.2		-	04	Yes	Yes	Yes				
101A	New Construction	3' - 0"	3' - 6 9/32"	DA	SWC	FP	HM	FP					-	10							PROVIDE DOUBLE ACTING HINGE - BOOMER #3029 OR EQ
101B	New Construction	3' - 0"	3' - 6 9/32"	DA	SWC	FPFP	HM	FPFP					E	10							PROVIDE DOUBLE ACTING HINGE - BOOMER #3029 OR EQ
102	New Construction	3' - 0"	8' - 0"	FG-S	SWC	WD	HM	FPFP	3/A62.2		3/A62.2		-	05						20 MINS	
103	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
104A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
106A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
107A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
109A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		B	14						20 MINS	
110A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		B	14						20 MINS	
111A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
111B	Existing	3' - 0"	7' - 0"	F	ALUM	-	ALUM	-	(E)		(E)		F	12		Yes		Yes	Yes		5B
111C	Existing	3' - 6"	7' - 0"	F-F	SWC	WD	HM	FP	(E)		(E)		-	14							
112A	New Construction	3' - 0"	7' - 0"	FG	SWC	WD	HM	FPFP	3/A62.2		3/A62.2		-	06						20 MINS	
112B	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		E	14						20 MINS	
114	Existing	4' - 11"	4' - 0"	R-O	STL	FP	STL	FP	(E)		(E)		-	14						20 MINS	(E) ROLL-UP DOOR AT KITCHEN
114A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		B	14						20 MINS	
115A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		-	14						20 MINS	
115B	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		-	14							
117A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		-	18						20 MINS	
117B	Existing	3' - 0"	7' - 0"	FG	ALUM	-	ALUM	-	(E)		(E)		F	14							
118A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		E	14						45 MINS	
119A	Existing	3' - 0"	3' - 6"	FG	SWC	FP	HM	FP	(E)		(E)		B	14							
119B	New Construction	3' - 0"	3' - 6"	FG	SWC	FPFP	HM	FPFP	-		3/A62.2		B	07							
120A	Existing	2' - 10"	7' - 0"	F	HM	FP	HM	FP	(E)		(E)		-	14						20 MINS	
120B	Existing	3' - 0"	7' - 0"	F	HM	FP	HM	FP	(E)		(E)		-	14							
121A	New Construction	6' - 0"	7' - 0"	F-F	HM	FP	HM	FP	3/A62.2		3/A62.2		-	16						20 MINS	
121B	Existing	6' - 0"	7' - 0"	FG-FG	ALUM	-	ALUM	-	(E)		(E)		F	13	No	Yes			Yes		4, 5B
122A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		-	18						20 MINS	
122B	Existing	3' - 0"	7' - 0"	FG	ALUM	-	ALUM	-	(E)		(E)		F	14							
122C	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		-	14							
123A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		E	14						45 MINS	
123B	New Construction	3' - 0"	7' - 0"	F	SWC	FPFP	HM	FPFP	3/A62.2		3/A62.2		-	05						20 MINS	PROVIDE 180 DEG HOLD OPEN
125A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
126A	Existing	6' - 0"	7' - 0"	G-V	SWC	WD	HM	FP	3/A62.2				-	15					Yes	20 MINS	5
126B	Existing	3' - 0"	7' - 0"	FG	ALUM	-	ALUM	-	(E)		(E)		F	14							
126C	Existing	3' - 0"	7' - 0"	FG	ALUM	-	ALUM	-	(E)		(E)		F	14							
127A	New Construction	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	3/A62.2		3/A62.2		E	08						45 MINS	
128A	Existing	3' - 0"	7' - 0"	F	HM	FP	HM	FP	(E)		(E)		F	14							
130A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		B	14						20 MINS	
132A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	14						20 MINS	
133A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	18						20 MINS	
133B	Existing	3' - 0"	7' - 0"	FG	ALUM	-	ALUM	-	(E)		(E)		F	14							
134A	Existing	3' - 0"	7' - 0"	F	HM	FP	HM	FP	(E)		(E)		F	14							
135	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		E	14						45 MINS	
136A	Existing	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	(E)		(E)		-	18						20 MINS	
136B	Existing	3' - 0"	7' - 0"	FG	ALUM	-	ALUM	-	(E)		(E)		F	14							
138A	New Construction	3' - 0"	7' - 0"	F	SWC	WD	HM	FP	3/A62.2		3/A62.2		-	09						45 MINS	
139	New Construction	3' - 0"	7' - 0"	G-CCC	HM	FPFP	HM	FPFP	3/A62.2				-	06							
140A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		B	14						20 MINS	
141	Existing	3' - 0"	7' - 0"	FG	HM	FP	HM	FP	3/A62.2				F	14							
142A	Existing	3' - 0"	7' - 0"	F	SWC	FP	HM	FP	(E)		(E)		-	14						20 MINS	

Grand total: 56



STOREFRONT TYPE 1 | 1/4" = 1'-0" | 1



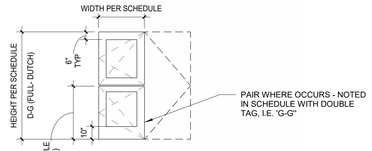
WINDOW TYPE A
FIRE RATING - 1 HR
(FIRE-RESISTANCE-RATED GLAZING ASSEMBLIES TESTED TO ASTM E119 OR UL 263, AS SPECIFIED IN SECTION 716.1.2.3)

WINDOW SCHEDULE

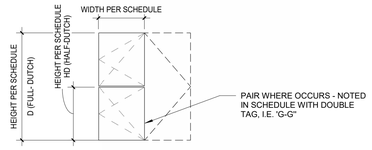
ABBREVIATIONS

AL	-	ALUMINUM
FP	-	FLUOROPOLYMER FINISH, SEE SPECS
FPFP	-	FACTORY PRIMED, FIELD PAINTED
FRG	-	FIRE - RESISTIVE SAFETY GLAZING (LAMINATED), SEE SPECS
GS	-	GALVANIZED STEEL
IG	-	INSULATED GLAZING UNIT
ST	-	STEEL
SS	-	STAINLESS STEEL
TG /T	-	TEMPERED GLASS

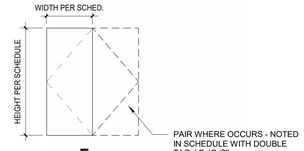
SCHEDULE NOTES



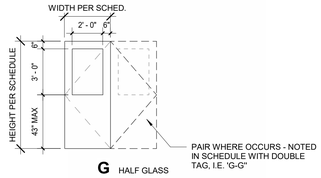
DG FULL OR HALF DUTCH DOOR



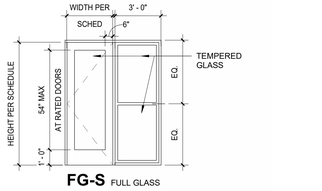
D FULL OR HALF DUTCH DOOR



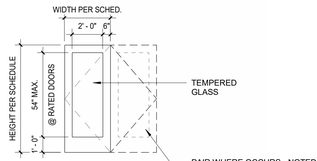
F FLUSH



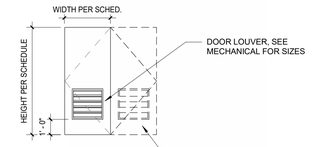
G HALF GLASS



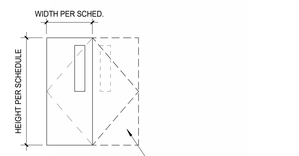
FG-S FULL GLASS



FG FULL GLASS



L LOUVER



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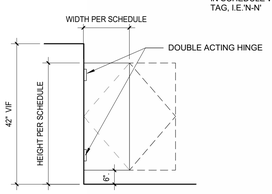

DA DOUBLE ACTING DOOR

DOOR LEGEND

COMMENTS:

1. PROVIDE ELECTRONIC HOLD-OPENS FOR EACH LEAF W/ CONNECTION TO FIRE ALARM.
2. EXISTING DOOR TO REMAIN.
3. EXISTING COPPER-CLAD DOOR TO REMAIN - CONTRACTOR TO INCLUDE $5,000 ALLOWANCE FOR REPAIR OF EXISTING METAL.
4. ACCESSIBLE DOORS SHALL NOT BE PROVIDED WITH A "NIGHT LATCH" FUNCTION UNLESS THE FOLLOWING CONDITIONS ARE MET.
   A. SUCH HARDWARE HAS A 'DOGGING' FEATURE.
   B. IT IS DOGGED DURING THE TIME THE FACILITY IS OPEN.
   C. SUCH 'DOGGING' OPERATION IS PERFORMED ONLY BY EMPLOYEES AS THEIR JOB FUNCTION (NON-PUBLIC USE).
   D. CONTRACTOR TO VERIFY IF THE EXISTING DOORS AND NOTIFY ARCHITECT IF THE DOORS HAVE A NIGHT LATCH FUNCTION AND COMPLY WITH ITEMS 4A TO D ABOVE.
5. DOORS LOCKABLE FROM INSIDE -
   A. DSA BU 24-04 BULLETIN: EDC 17586 (AB 2565, 2024) INTERIOR DOOR LOCKING REQUIREMENTS FOR K-12 SCHOOLS - DOORS WITH AN OCCUPANT LOAD OF 5 OR MORE STUDENTS SHALL BE LOCKABLE FROM THE INSIDE.
   B. DSA BUINSIDE LOCKS ARE NOT REQUIRED FOR DOORS WITH ELECTRONIC ACCESS AND ARE LOCKED FROM THE OUTSIDE AT ALL TIMES.

DOOR COMMENTS LEGEND

AL	-	ALUMINUM
ALUM	-	ALUMINUM
AC	-	ANODIZED CLEAR
BZ	-	ANODIZED BRONZE
CC	-	CONCEALED CLOSER
CLR	-	CLEAR
CLF	-	CHAIN LINK FENCE
FC	-	FLOOR CLOSER
FF	-	FACTORY FINISH
FLFD	-	FUSIBLE LINK FIRE DAMPER
FP	-	FIELD PAINT
FPFP	-	FACTORY PRIMED, FIELD PAINTED
FRA	-	FIRE RATED ASSEMBLY
FS	-	FIELD STAINED
GA	-	GALVANIZED
GL	-	GLASS OR GLAZING
GS	-	GALVANIZED STEEL
HM	-	HOLLOW METAL
KY	-	FLUOROPOLYMER FINISH (SEE SPECS)
LVR	-	LOUVER
MF	-	MILL FINISH
MR	-	MIRRORED GLASS
MAG	-	MAGNETIC HOLD OPEN
P	-	PAINTED (FOR EXISTING FRAMES - PAINT SHALL INCLUDE PREP AND REPAIR OF EXISTING FRAME, TYPICAL)A\
PG	-	PAINT GRADE
PH	-	PANIC HARDWARE
PR	-	PAIR
SCW	-	SOLID CORE WOOD
SG	-	STAIN GRAIN
SMC	-	SURFACE MOUNTED CLOSER
ST	-	STEEL
SS	-	STAINLESS STEEL
TEMP	-	TEMPERED

DOOR NOTES LEGEND

1. LETTER "P" FOLLOWING DOOR TYPE LETTER IN SCHEDULE INDICATES A PAIR OF DOORS. SCHEDULED DIMENSION IS TOTAL FRAME OPENING. BOTH DOOR LEAVES ARE THE SAME SIZE UNLESS OTHERWISE NOTED.

2. LETTER "X" FOLLOWING DOOR TYPE LETTER IN SCHEDULE INDICATES A FIXED PANEL ABOVE DOOR LEAF. DOOR LEAF IS TO BE 7'-0" HIGH. SCHEDULED DIMENSION IS HEIGHT OF ACTIVE DOOR LEAF PLUS FIXED PANEL. FIXED PANEL SHALL BE OF SAME MATERIAL, CONSTRUCTION, THICKNESS, AS FINISH AS ACTIVE DOOR AND PROVIDED BY THE SAME MANUFACTURER AS DOOR.

3. LOUVERS IN FIRE-RATED DOOR ASSEMBLIES TO BE FLFD (FUSIBLE LINK FIRE DAMPER), LOUVERS IN EXTERIOR DOORS TO BE VANDAL-PROOF SECURITY TYPE.

4. GLAZING, ALL GLAZING PANELS IN FIRE-RATED DOOR ASSEMBLIES TO BE RATED GLASS. ALL OTHER GLAZING PANELS IN DOORS TO BE TEMPERED GLASS UNLESS OTHERWISE NOTED.

5. ALL DOORS NOTED AS 1-HOUR, AND 1 1/2-HOUR FIRE-RATED ASSEMBLIES SHALL MEET THE ADDITIONAL REQUIREMENTS OF MAXIMUM 450 F TEMPERATURE RISE ABOVE AMBIENT AFTER 30 MINUTES OF THE FIRE TEST. (CBC SEC. 1005.3.3.5 AND 1005.3.4.4).

6. THICKNESS: ALL DOORS TO BE 1 3/4" THICK UNLESS OTHERWISE NOTED.

7. ALL EXTERIOR DOORS TO HAVE WEATHERSTRIPPING ALL SIDES PER TITLE 24, SECTION T20-1451-1542.

8. ALL WOOD DOORS TO BE SOLID-CORE TYPE.

9. EXIT DOORS SERVING 50 OR MORE OCCUPANTS SHALL OPEN IN THE DIRECTION OF EXIT.

10. EVERY EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. ANY SPECIAL LOCKING DEVICES SHALL BE OF THE APPROVED TYPE. CBC CHAPTER 33 AND UFC SECTION 12.104(B).

11. DOOR HARDWARE SHALL COMPLY WITH THE FOLLOWING PER CBC 1133B.2.5

    1. OPERABLE BY A SIMPLE EFFORT, NOT GRASPING WRIST MOVEMENT (LEVERS, PANIC DEVICES, OR PULLS).
    2. 5-LB CLOSURE PRESSURE AT INTERIOR DOORS.
    3. 5-LB CLOSURE PRESSURE AT EXTERIOR DOORS.
    4. 5-LB CLOSURE PRESSURE AT FIRE DOORS.
    5. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.

12. ALL DOORS INDICATED AS FIRE-RATED ASSEMBLIES TO HAVE CLOSURES AND SMOKE SEALS.

13. ON DOORS IN ALUMINUM FRAMES, PROVIDE ARMORED STRIKE ON JAMB OF ALUMINUM FRAME.

14. EXIT DOORS SHALL HAVE A READILY VISIBLE, DURABLE SIGN ON OR ADJACENT TO THE DOOR STATING, "THIS DOOR TO REMAINED UNLOCKED DURING BUSINESS HOURS." THE SIGN SHALL HAVE 1" HIGH LETTERS ON A CONTRASTING BACKGROUND. THE LOCKING DEVICE MUST BE OF A TYPE THAT WILL BE READILY DISTINGUISHABLE AS LOCKED.

15. DOORS SHALL BE A MINUMUM OF 36" WIDE X 80" HIGH WITH NO SINGLE LEAF EXCEEDING 4'-0" IN WIDTH.

16. BOTTOM 10" OF DOOR TO HAVE SMOOTH UNINTERUPTED SURFACE FOR OPENING BY WHEELCHAIR FOOT REST.

17. CENTER OF HARDWARE TO BE 30" TO 40" ABOVE FLOOR. LATCHING AND LOCKING DOOR TO BE OPERABLE WITH A SINGLE EFFORT BY LEVER OR PUSH-PULL TYPE HARDWARE.

18. PROVIDE DOOR SYMBOLS ON DOORWAYS LEADING TO SANITARY FACILITIES (SEE TOILET ROOM DOOR SIGNAGE). CENTER SYMBOLS ON DOORS AT 60" HEIGHT, AND FINISH IN COLOR CONTRASTING TO THAT OF THE DOOR.

19. THRESHOLDS SHALL BE 1/2" HIGH MAXIMUM WITH A 2:1 DEGREE BEVELED EDGE.

20. THRESHOLD HEIGHT BETWEEN 1/4" AND 1/2" SHALL BE BEVELED AT MAZIMUM 50% SLOPE.

21. ALL EXTERIOR DOOR SHALL HAVE PERIMETER DOOR SOUND SEAL/GASKET.

22. EACH DOOR IN A MEANS OF EGRESS FROM A GROUP A, OR ASSEMBLY AREA NOT CLASSIFIED AS AN ASSEMBLY OCCUPANCY, HAVING AN OCCUPANT LOAD OF 50 OR MORE SHALL NOT BE PROVIDED WITH A LATCH OR LOCK UNLESS IT IS PANIC HARDWARE OR FIRE EXIT HARDWARE. BUILDING CODE 1008.1.10 FIRE CODE 1008.1.10

DOOR GENERAL NOTES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMMONS
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
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15		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: 1/4" = 1'-0"

A50.0

SCHEDULES - DOOR, WINDOW AND STOREFRONT

SVA ARCHITECTS

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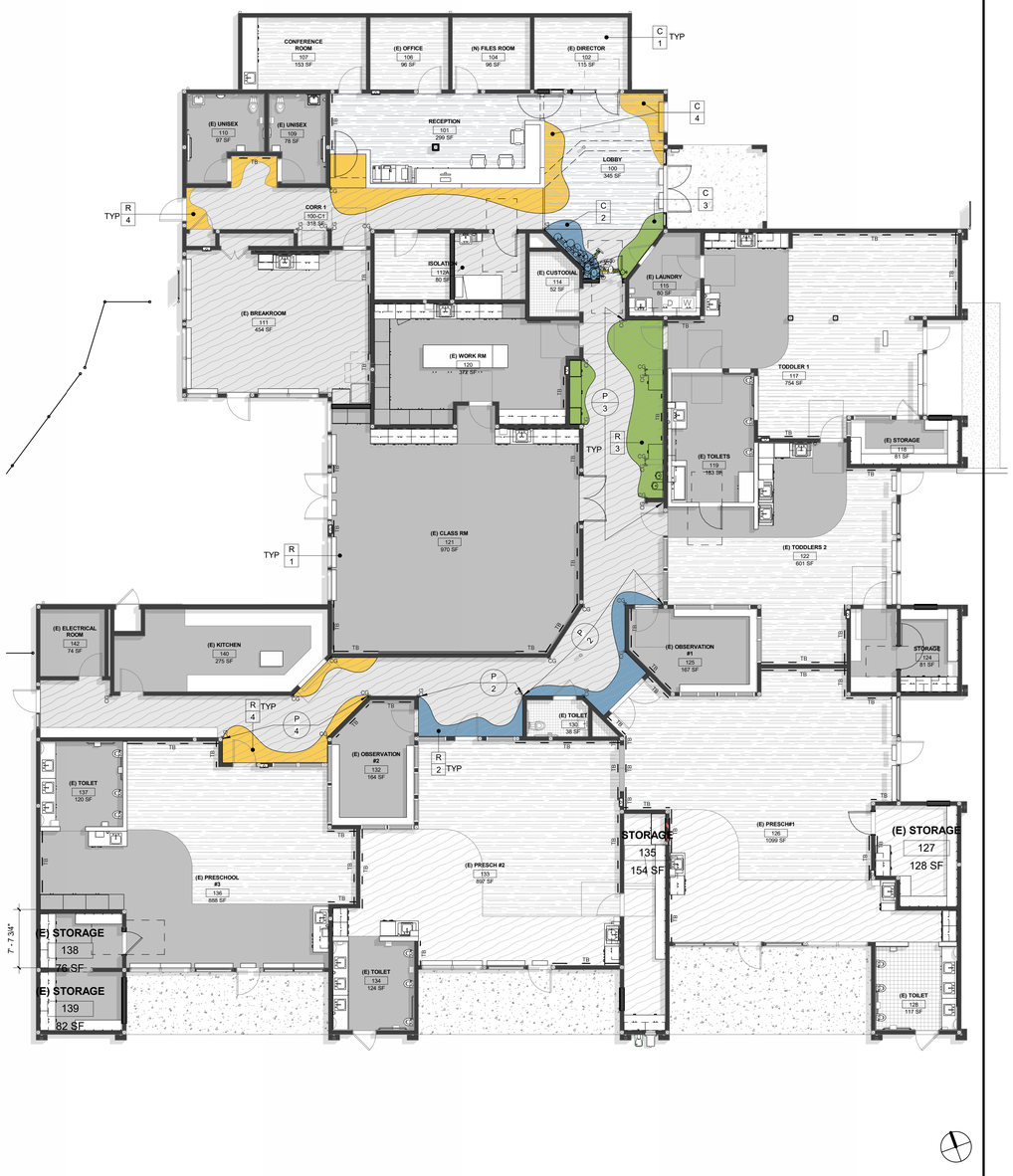

OVERALL FINISH FLOOR PLAN

1/8" = 1'-0"

1

FINISH SCHEDULE								
				WALL		CEILING		
#	NAME	FLOOR	BASE	MATERIAL	FINISH	MATERIAL	FINISH	COMMENTS
100	LOBBY	R-1, CPT-1	B-1	GYP	P-1	WD-1, ACT-1, GYP		
100-C1	CORR 1	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
100-C2	CORR 2	R-1	B-1	GYP	P-1	GYP	P-1	
101	RECEPTION	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
102	(E) DIRECTOR	CPT-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
103	(E) ELEC RM							
104	(N) FILES ROOM	CPT-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
106	(E) OFFICE	CPT-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
107	CONFERENCE ROOM	CPT-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
109	(E) UNISEX	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
110	(E) UNISEX	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
111	(E) BREAKROOM	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
112A	ISOLATION	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
112B	OFFICE	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
114	(E) CUSTODIAL	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
115	(E) LAUNDRY	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
117	TODDLER 1	CPT-1, R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
118	(E) STORAGE	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
119	(E) TOILETS	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
120	(E) WORK RM	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
121	(E) CLASS RM	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
121A	OUTDOOR AREA							
121B	PLAY YARD							
122	(E) TODDLERS 2	CPT-1, R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
123	(E) ELEC ROOM							
124	STORAGE	R-1	B-1	GYP	P-1	GYP	P-1	
125	(E) OBSERVATION #1	R-1	B-1	GYP	P-1	GYP	P-1	
126	(E) PRESCH#1	CPT-1, R-1	B-1	GYP	P-1	ACT-2	P-6	PAINT ALL CEILING TILES - P-6
127	(E) STORAGE	R-1	B-1	GYP	P-1	GYP	P-1	
128	(E) TOILET	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
130	(E) TOILET	R-1, CPT-1	B-1	GYP	P-1	WD-1, ACT-1, GYP		
132	(E) OBSERVATION #2	R-1	B-1	GYP	P-1	GYP	P-1	
133	(E) PRESCH #2	CPT-1, R-1	B-1	GYP	P-1	ACT-2	P-6	PAINT ALL CEILING TILES - P-6
134	(E) TOILET	(E) TILE	(E)	(E) TILE, GYP	(E) TILE, GYP	GYP	P-1	
135	STORAGE	R-1	B-1	GYP	P-1	GYP	P-1	
136	(E) PRESCHOOL #3	CPT-1, R-1	B-1	GYP	P-1	ACT-2	P-6	PAINT ALL CEILING TILES - P-6
137	(E) TOILET	(E) TILE	(E)	(E) TILE, GYP	(E) TILE, GYP	GYP	P-1	
138	(E) STORAGE	R-1	B-1	GYP	P-1	GYP	P-1	
139	(E) STORAGE	R-1	B-1	GYP	P-1	GYP	P-1	
140	(E) KITCHEN	R-1	B-1	GYP	P-1	ACT-1	P-6	PAINT ALL CEILING TILES - P-6
141	WATER HEATER ROOM	CONC-1	B-1	FRP-1	P-1	GYP	P-1	
142	(E) ELECTRICAL ROOM	CONC-1	B-1	FRP-1	P-1	GYP	P-1	
PY 1	SHADE STRUCTURE - PLAY YARD							
SS 2	SHADE STRUCTURE 2							

FINISH SCHEDULE

FLOORS

- C 1 **TARKETT** (FIELD) COLLECTION STYLE - LONGITUDE 04318 W/ POWERBOND CUSHION COLOR - PATRICOLOR 13508
- C 2 **TARKETT** (ACCENT) COLLECTION STYLE - LONGITUDE 04318 W/ POWERBOND CUSHION COLOR - TBD
- C 3 **TARKETT** (ACCENT) COLLECTION STYLE - LONGITUDE 04318 W/ POWERBOND CUSHION COLOR - TBD
- C 4 **TARKETT** (ACCENT) COLLECTION STYLE - LONGITUDE 04318 W/ POWERBOND CUSHION COLOR - TBD
- R 1 NORAPLAN ENVIRONCARE COLOR - ANTIQUING
- R 2 NORAPLAN ENVIRONCARE COLOR - WATER PARK
- R 3 NORAPLAN ENVIRONCARE COLOR - GARDEN PARTY
- R 4 NORAPLAN ENVIRONCARE COLOR - CORN MAZE
- B 1 ROPPE 4" HIGH RUBBER BASE COLOR - TBD

PAINT - INTERIOR

- P 1 FIELD COLOR DUNN EDWARDS - WHISPER DEW340
- P 2 ACCENT COLOR DUNN EDWARDS - ANCHORS AWAY DE5814
- P 3 ACCENT COLOR DUNN EDWARDS - TINTED MINT DE5540
- P 4 ACCENT COLOR DUNN EDWARDS - BABY CHICK DE5311
- P 5 ACCENT COLOR DUNN EDWARDS - TBD
- P 6 ACT TILE PAINT TBD
- P 7 DOOR FRAME DUNN EDWARDS - TBD
- P 8 DOOR PANEL DUNN EDWARDS - TBD
- MP 1-4 MURAL COLOR DUNN EDWARDS - TBD UP TO 4 COLORS

PAINT - EXTERIOR

- P A EXTERIOR FIELD COLOR DUNN EDWARDS - TBD
- P B EXTERIOR ACCENT COLOR DUNN EDWARDS - TBD
- P C EXTERIOR ACCENT COLOR DUNN EDWARDS - TBD
- P D EXTERIOR ACCENT COLOR DUNN EDWARDS - TBD
- P E EXTERIOR ACCENT COLOR DUNN EDWARDS - TBD

MILLWORK

- S 1 FORMICA SOLID SURFACE WHITE TRAVERTINE 788
- PL 1 NEVAMAR PLAM CREMA - WZ00-49-T

CEILING

- ACT 1 2' X 4' SUSPENDED CEILING TILES SYSTEM ARMSTRONG ULTIMA TEGULAR CEILING TILES WITH 15/16" EXPOSED TEE
- ACT 2 1' X 1' ADHERED CEILING TILE SYSTEM
- WD 1 9 WOOD CEILING WOOD GRILLE 1114-5 CROSS PIECE GRILLE - 5/8" X 3 1/4" W/ 5 MEMBERS/LF WOOD FINISH - WESTERN HEMLOCK
- EXP 4 COLOR TBD

MISCELLANEOUS

- FRP 1 CS ACROVYN WALL PROTECTION TEXTURE - SUEDE, COLOR - TBD
- WP 1 KOROSEAL WALL PROTECTION ENIGMA - ALABASTER E922-10, SEE DETAIL 8 / A64.5
- TB 1 FABRIC TACKBOARD KOROSEAL WALL COVERING LINSEY NETTLE SE21-06 NFPA 255 TUNNEL TEST CLASS A RATING
- TP 1 TREE - FABRIC WRAPPED PANEL TBD
- TP 2 TREE - FABRIC WRAPPED PANEL TBD
- TP 3 TREE - FABRIC WRAPPED PANEL TBD

FINISH PLAN LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVANOE
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A50.1

SCHEDULES - INTERIOR FINISHES

SVA ARCHITECTS

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ASSEMBLY	THERMAL INSULATION			ACOUSTICAL INSULATION		
	THICKNESS	MATERIAL	R-VALUE	THICKNESS	MATERIAL	R-VALUE
ROOF/CEILING	10" 2" MIN	BATT RIGID	R-30 R-10 MIN			
FLOOR/CEILING				3-1/2"	S.A.B.	
DROP CEILING				3-1/2"	S.A.B.	
EXTERIOR WALL	5-1/2" **PLUS** 2" @ BLDG A TYPES 1" @ OTHER BLDGS *@ METAL SIDING WALL CONTINUOUS INSULATION PROVIDED BY INSULATED WALL PANELS*	BATT RIGID RIGID	R-19 R-5 R-5			
PARTY WALL				3-1/2"	S.A.B.	
CORRIDOR WALL				3-1/2"	S.A.B.	
INTERIOR PLUMBING WALL				3-1/2"	S.A.B.	
INTERIOR SHAFT WALL				2-1/2"	S.A.B.	

INSULATION NOTES:

1. INSULATION INSTALLED IN A FLOOR/CEILING OR ROOF CEILING ASSEMBLY SHALL BE SUPPORTED BY WIRE STAYS (OR EQUAL) SO THAT THE INSULATION DOES NOT MAKE CONTACT WITH THE FACE MEMBRANE OF THE ASSEMBLY (GYPSUM WALLBOARD).
2. MATERIAL NOTED AS S.A.B. REFERS TO SOUND ATTENTUATION BATT.
3. INSULATION SCHEDULED FOR COMMON WALL UNIT TO UNIT SHALL BE INSTALLED IN EACH SIDE OF THE WALL ASSEMBLY.
4. ALL INTERIOR WALL CAVITY SPACES TO RECEIVE INSULATION.
5. REFER TO MECHANICAL PLANS FOR DETAILED INFORMATION REGARDING ENERGY CODE REQUIREMENTS.

WINDOW NOTES:

1. EXTERIOR WINDOWS SHALL HAVE THE FOLLOWING MINIMUM ENERGY PERFORMANCE CHARACTERISTICS:
   U-VALUE: 0.30
   SHGC: 0.20 MAX.

ASSEMBLY SCHEDULE

1. PARTY WALL AND DIVISION WALL FRAMING REQUIREMENTS:

A. STUDS SHALL NOT OVERRIDE PLATES OF PARTY OR DIVISION WALLS. KNOT HOLES, WARPED LUMBER, SPLINTERED WOOD, SPLICES, CHIPS AND SAWCUTS SHALL NOT BE PERMITTED AT VERTICAL OR HORIZONTAL PARTY WALL CONNECTIONS.
B. FRAMING AT BUILT-UP CORNERS AND JOISTS TO WALL CONNECTIONS ALONG PARTY WALLS SHALL FIT TIGHTLY WITHOUT AIR GAPS. SPECIAL CARE SHALL BE TAKEN SO THAT DRY WALL NAILER BLOCKING MEETS THIS CONDITION BETWEEN JOISTS.
C. CONCRETE POUR MATERIAL SHALL NOT FLOW ONTO PART WALL SOLE PLATES. CONCRETE SHALL NOT BE POURED ONTO OR INTO PARTY WALL SEPARATION CAVITIES BETWEEN PLATES.
D. REFER TO INSULATION SCHEDULE (A-61.11) FOR ACOUSTIC INSULATION REQUIREMENTS. ALL WALL INSULATION SHALL BE SNUGLY FITTED AND/OR STAPLED BETWEEN STUDS.
E. GYPSUM WALLBOARD SHALL CONTINUE TO THE ROOF LINE ON ONE SIDE OF THE WALL TO AVOID FLANKING OF SOUND THROUGH THE ATTIC SPACE. GYPSUM WALLBOARD SHALL BE INSTALLED TO MAINTAIN A 1/4" GAP AT ALL PARTY OR DIVISION WALL PERIMETERS AND FILL THE GAP WITH ACOUSTICAL CAULK.
F. WHERE TWO LAYERS OF GYPSUM WALLBOARD AIRE REQUIRED ON ONE SIDE OF A COMMON WALL, THE JOINTS BETWEEN THE SECOND LAYER OF WALLBOARD MUST BE STAGGERED WITH RESPECT TO THE JOINTS OF THE FIRST LAYER, I.E. THE JOINTS MUST NOT OVERLAP.
G. GYPSUM WALLBOARD AT PARTY AND DIVISION WALLS SHALL BE INSTALLED TO MAINTAIN A 1/4" GAP AT PERIMETERS. FILL GAP WITH ACOUSTICAL SEALANT.

2. FLOOR/CEILING REQUIREMENTS:

A. PROVIDE 1-1/2 INCH THICK 2000 PSI GYPSUM CONCRETE FLOOR UNDERLAYMENT OVER ENKASONIC UNDERLAYMENT OVER STRUCTURAL SHEATHING @ ALL APARTMENTS ABOVE GROUND FLOOR.
B. REFER TO INSULATION SCHEDULE ON THIS SHEET FOR ACOUSTIC INSULATION REQUIREMETNS. ALL FLOOR/CEILING INSULATION SHALL BE SNUGLY FITTED AND/OR STAPLED BETWEEN JOISTS.
C. GYPSUM WALLBOARD AT FLOOR CEILING ASSEMBLIES SHALL BE INSTALLED TO MAINTAIN A 1/4" GAP AT PERIMETERS. FILL GAP WITH ACOUSTICAL SEALANT.
D. SEALANT FOR ALL FLOOR/CEILING ASEMBLIES SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS.
E. RESILIENT CHANNELS SHALL BE INSTALLED PER CONFORMANCE WITH THE MANUFACTURER, ASTM STANDARDS AND THE GYPSUM CONSTRUCTION HANDBOOK.
F. WALLS SHALL BE INSTALLED BEFORE THE RESILIENT CHANNELS TO ENSURE THAT THE CHANNELS REMAIN TO THE OUTSIDE OF THE WALL TO ALLOW THE CEILING TO FLOAT OR MOVE VERTICALLY WITHOUT HINDRANCE.

3. SEALANT:

A. THE INTENT OF THESE RECOMMENDATIONS IS TO ENSURE THAT AN AIR TIGHT COMMON PARTITION CONSTRUCTION IS MAINTAINED. A 1 SQ. IN. HOLE, CRACK OR GAP IN A 100 SQ. FT. WALL WILL REDUCE THE STC RATING BY 10 POINTS AS COMPARED OT HTE SAME WALL WITH AN AIR TIGHT CONSTRUCTION. THUS, THE IMPORTANCE OF PERFORMING CAULKING AND SEALING COMPLETELY AND PRECISELY CANNOT BE OVEREMPHASIZED.
B. ACOUSTICAL SEALANT SHALL BE NON-SKINNING, NON-HARDENING, FLEXIBLE SEALANT SPECIFICALLY DESIGNED FOR SEALING GYPSUM WALLBOARD (ASTMC C919). SEALANT SHALL BE CAPABLE OF SPANNING 1/2" WIDE BY 3/8" DEEP GAPS. ACCEPTABLE PRODUCTS INCLUDE: TREMO OR USG SEALANT (OR APPROVED EQUAL). SEALANT SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S SPECIFICATIONS.
C. IF MULTIPLE LAYERS OF WALLBOARD ARE APPLIED TO A WALL SURFACE THE SEALANT MUST BE INSTALLED FOR LAST LAYER (EA. SIDE OF WALL).
D. AT ALL PENETRATIONS IN COMMON WALLS OR COMMON CEILINGS FOR SUCH ITEMS AS ELECTRICAL BOXES, LIGHT FIXTURES, PLUMBING LINES, ETC., LEAVE A 3/16" TO 1/4" GAP IN THE WALLBOARD AROUND THE FIXTURE AND THEN FILL THE GAP WITH ACOUSTICAL SEALANT. IN ADDITION, THE BACKS OF ALL ELECTRICAL BOXES, TELEPHONE BOXES, MEDICINE CABINETS, AND OTHER THIN WALLED ITEMS INSET INTO A COMMON WALL MUST BE COVERED WITH AN AIRTIGHT GYPSUM WALLBOARD HOUSING OR WITH HEAVY MASTIC MATERIAL SUCH AS LOWRY PADS.

4. RESILIENT CHANNEL ASSEMBLIES:

A. RESILIENT CHANNELS SHALL BE DIETRICH RC DELUXE FOR WALLS, SUBSTITUTOINS ARE NOT ALLOWED.
NOTE: THERE SHALL BE NO CONTACT BETWEN THE SHORT (NON-FASTEN) LEG OF THE CHANNEL AND THE JOIST OR STUDS.
B. ATTACHING CHANNELS: ORIENT CHANNELS PERPENDICULAR TO FRAMING AND WITH FLANGES FACING IN ONLY ONE DIRECTION. ATTACH CHANNELS AT SPACINGS AND WITH FASTENERS DENOTED IN THE FIRE TEST ASSEMBLY. USE THE PRE-DRILLED MOUNTING HOLES IN THE CHANNELS FOR ATTACHMENT TO THE STUDS OR JOISTS. LOCATE CHANNELS A MAXIMUM OF 3" AND HOLD BACK ENDS 1/2" FROM INTERSECTING SURFACES. PROVIDE SUFFICIENT FRAMING SO CHANNELS ARE NOT CANTILEVERED GREATER THAN 6". CHANNELS MUST NOT CROSS EACH OTHER UNDER ANY CIRCUMSTANCE. CHANNELS MAY ONLY BE OVERLAPPED AT SPLICES. SPLIE CHANNELS ONLY AT FRAMING WITH A MAXIMUM OVERLAP OF 1.5" AND SCREW ATTACH THROUGH BOTH FLANGES.
C. ATTACHING GYPSUM WALLBOARD: APPLY GYPSUM WALLBOARD AT A MAXIMUM PRACTICAL LENGTH WITH THE LONG EDGE PARALLEL WITH AND CENTERED ON CHANNELS. FASTEN GYPSUM WALLBOARD AT SPACINGS AND WITH FASTENERS DENOTED IN THE FIRE TEST ASSEMBLY. NAILING RESLIENT CHANNELS ISS NOT PERMITTED. FASTENERS SHALL ONLY BE ATTACHED TO THE CHANNELS AND NOT THE FRAMING. INSTALL GYPSUM WALLBOARD TO ALLOW FOR 1/4" GAP FROM INTERSECTING SURFACES. WHEN CONSTRUCTION OF MULTIPLE LAYERS OF GYPSUM WALLBOARD IS INDICATED, APPLY THE FACE LAYER WITH THE LONG EDGE JOINTS OFFSET BY 24" AND THE SHORT EDGE JOINTS OFFSET BY 48" FROM THE BASE LAYER. ADDITIONALLY, OFFSET THE FACE LAYER SCREW PATTERN 6" FROM THE BASE LAYER SCREWS ALONG THE CHANNELS.
D. SEALANT: SEAL ALL PERIMETER JOINTS OF RESILIENT ASSEMBLIES AIRTIGHT WITH APPROVED ACOUSTICAL SEALANT.
E. BASEBOARD AND TRIM: DO NOT RIGIDLY ATTACH BASEBOARD OR OTHER FINISH TRIM TO UNDERLYING FRAMING THROUGH RESILIENT ASSEMBLIES. SCREW ATTACH BASEBOARD OR OTHER FINISH TRIM TO RESILIENT CHANNELS. ADHERING FINISH TRIM IS AN ACCEPTABLE ALTERNATIVE.

5. PLUMBING:

A. IN ORDER TO MINIMIZE OR ELIMINATE FLOW NOISE AT ALL WATER, WASTE, DRAIN AND REFRIGERANT PIPING, CONTRACTOR IS TO PROVIDE VIBRATION ISOLATION:
I) SUPPLY PIPING 1" DIAMETER OR SMALLER SHALL BE INSTALLED WITH ISOLATOR HOLDERS, AND GUIDES.
II) SUPPLY AND WASTE PIPING MORE THAN 1" IN DIAMETER SHALL BE INSTALLED WITH PILE ISOLATORS
II) PLASTER R THIN-WALLED COPER WASTE AND DRAIN PIPING SHALL BE COMPLETELY WRAPPED USING LOWRY ACOUSTICAL PIPIE WRPA AS MANUFACTURED BY HARRY A. LOWRY COMPANY (OR APPROVED EQUAL)
IV) REFRIGERANT LINES SHALL BE ISOLATED BY INSULATING THE ENTIRE LENGTH OF THE LINE WITH A MINIMUM OF 1/2" "ARMAFLEX" (OR APPROVED EQUAL). PLACE CLAMPS OVER THE INSULATION WHEN ATTTACHING TO THE STRUCTURE SO THAT THERE IS NO DIRECT CONTACT BETWEEN THE PIPING AND THE STRUCTURE. MAINTAIN A 2" CLEANCE BETWEEN THE REFRIGERANT LINES AND THE GYPSUM WALLBOARD.
B. PIPING THROUGH BEDROOOMS, LIVING ROOMS AND DINING ROOMS SHALL BE INSTALLED TO MAINTAIN A 2" MINIMUM CLEARRANCE FROM GYPSUM WALLBOARD. SUPPLY PIPING ROUTED DIRECTLY ACROSS PARTY WALLS SHALL NOT BE PERMITTED. IN NO CASE SHALL THE PLUMBING PIPING OF ONE DWELLING UNIT BE CLOSER THAN 1" FROM ANOTHER DWELLING UNIT.
C. AT A MINIMUM PROVIDE PIPING SUPPORT PER PLUMBING CODE (SEE PLUMBING DRAWINGS). THE PLUMBING PIPING, PIPE CONNECTIONS, PIPE HANGERS, OR VALVES, SHALL NOT MAKE CONTACT WITH ANY PART OF THE SURROUNDING STRUCTURE. JOISTS, STUDS, WALLBOARD OR OTHER PIPES, PIPING AND/OR DUCTING WITHIN FLOOR/CEILING ASSEMBLIES SHALL BE SUPPORTED FROM THE JOISTS AND COMPLETELY ISOLATED FROM THE CEILING.
D. IN OTHERWISE UN-INSULATED STUD BAY OR JOIST CAVITY CONTAINING PIPING INSTALL A MINIMUM OF 3-1/2" ACOUSTIC BATT INSULATION OR OTHER SOUND ABSORPTIVE MATERIAL.
E. WATER PRESSURE CONTROL: GENERAL CONTRACTOR TO CONFIRM THT WATER SUPPLY PIPING INSTALLED WILL MAINTAIN A MAXIMUM WATER FLOW RATE OF 4 FEET PER SECOND IN 1/2" AND 3/4" DIAMETER BRANCH LINES. FOR LARER LINES THE MAXIMUM FLOW RATE SHALL BE 6 FEET PER SECOND. MAINTAIN A MAXIMUM OF 50 PSI WATER PRESSURE AT PLUMBING FIXTURES, CONSISTEN WITH ADEQUATE FLOW RATES.
F. ACOUSTICAL (FIRE STOPPING) SEALANT SHALL BE INSTALLED AT ALL PIPE PENETRATIONS AS DESCRIBED ABOVE.

6. MECHANICAL:

A. PROVIDE NEOPRENE PADS WHERE ROOFTOP EQUIPMENT IS OVER RESIDENTIAL DWELLING UNITS. WHERE ROOFTOP EQUIPMENT IS PLACED OVER RESIDENTIAL DWELLING LIVING AND SLEEPING AREAS, AND WHENEVER OVER COMMON AREAS, MASON INDUSTRIES, INC. TYPE SLR SPRING MOUNTS TO BE PROVIDED. USE SLACK CABLE RESTRAINT OR SEPARATE SEISMIC SNUBBERS TO LIMIT HORIZONTAL MOVEMENT. MECHANICAL CONTRACTOR SHALL CONSULT AN INDEPENDENT STRUCURAL ENGINEER FOR APPROPRIATE SEISMIC RESTRAINT SYSTEM DESIGN. ROOFTOP EQUIPMENT SHALL BE INSTALLED ON CONCRETE HOUSEKEEPING PADS.
B. INSTALL SUSPENDED MEHCANICAL UNITS SUCH AS FAN/COIL OR IN-LINE FANS ON A MINIMUM OF 1" STATIC DEFLECTION SPRING HANGERS SUCH AS MASON TYPE SCN (OR APPROVED EQUAL). DO NOT ALLOW DIRECT CONTACT BETWEEN THE MECHANICAL UNIT AND THE STRUCTURE OR OTHER ADJACENT UTILITIES. MAINTAIN A MINIMUM OF 2" CLEARANCE BETWEEN THE REFRIGERANT LINES AND GYPSUM WALLBOARD SURFACES.
C. AT A MINIMUM, PROVIDE BATHROOM EXHAUST FANS WITH A NOISE RATING LOWER THAN 2.0 SONES. NOTE THAT FAN SOUND RATINGS TYPICALLY ASSUME 10 FEET OF STRAIGHT DUCT ATTACHED OT THE FAN. WHERE CONDITIONS VARY FROM THIS ASSUMPTION, PROVIDE FANS WITH LOWER SOUND RATINGS. MANY BATHROOM FANS ARE AVAILABLE WITH SOUND RATINGS BELOW 1.0 SONE. BATHROOM FAN HOUSING WHICH ARE MOUNTED WITHIN A SEPARATION ASSEMBLY SHALL BE BOXED IN WITH 5/8" GYPSUM BOARD, SEALED AIR TIGHT AND SURROUNDED WITHFIBERGLAS OR EQUIVALENT SOUND ABSORPTIVE MATERIAL.
D. PROVIDE A MINIMUM OF 3 FEET OF ACOUSTICALLY LINED DUCT BETWEEN THE FAN/COIL UNIT AND ANY DIFFUSER. DIFFUSERS AND GRILLS SHALL PERFORM A BACKGROUND NOISE CRITERION OF 3 POINTS BELOW NC 30 (I.E. NC25).

7. ELECTRICAL:

A. CONVENIENCE OUTLETS IN OPPOSITE FACES OF PARTY OR DIVISION WALLS SHALL BE INSULATED AS FOLLOWS:
I) ELECTRICAL BOXES (SWITCHES, OUTLETS, WALL FIXTURES, ETC. IN OPPOSITE FACES OF PARTY OR DIVISION WALLS SHALL BE SEPARATED HORIZONTALLY BY NOT LESS THAN 24 INCHES (I.E. IN DIFFERENT STUD BAYS). IN THE EVENT IT IS NOT PRACTICAL OR POSSIBLE TO PLACE OUTLETS IN DIFFERENT STUD BAYS, THEY SHALL BE SEPARATED FROM EACH OTHER AS MUCH AS POSSIBLE AND IN NO CASE SHALL THERE BE PHYSICAL CONTACT BETWEEN THE TWO ELECTRICAL BOXES. HOWEVER, THE FOLLOWING ITEMS ARE APPLICABLE IN ALL CASES:
II) MASTIC SEALER (LOWRY PADS OR APPROVED EQUAL) SHALL BE WRAPPED AROUND BACK SIDES, TOP AND BOTTOM OF ALL ELECTRICAL BOXES IN PARTY WALLS.
III) ELECTRICAL BOXES SHALL BE BACKED BY R-11 FIBERGLASS AS NEEDED TO COMPLETELY FILL THE STUD BAY.
IV) KNOCKOUT PLATES ON ELECTRICAL BOXES IN PARTY OR DIVISION WALLS SHALL NOT BE BENT OR REMOVED WHERE CONDUITS ARE NOT CONNECTED TO THE BOX.
B. RECESSED LIGHT FIXURES IN CEILINGS SHALL HAVE NO VENTILATION HOLES. JUNCTION BOXES IN CEILINGS SHALL BE WRAPPED AROUDN BACK AND SIDES WITH LOWRY PADS (OR APPROVED EQUAL) AND SEALED AIRTIGHT WITH ACOUSTICAL SEALANT.

8. KITCHENS, BATHROOMS AND LAUNDRY ROOMS:

A. THE PARTY WALL BEHIND A TUB AND/OR SHOWER ASSEMBLY SHALL BE CONSTRUCTED CONSISTENT WITH THE PARTY WALL SPECIFICATIONS. GYPSUM WALLBOARD SHALL BE INSTALLED BEHIND ALL TUBS AND/OR SHOWERS WHICH ARE ADJACENT TO PARTY WALLS.
B. VOIDS BETWEEN THE WALL, FLOOR AND TUB/SHOWER UNITS SHALLBE COMLETELY FILLED WITH A FIBERGLASS INSULATION OR EQUIVALENT SOUND ABSORPTIVE MATERIAL.
C. KITCHEN CABINETS SHALL BE PLACED ON 1/8" THICK NEOPRENE RUBBER PADS AND THE PADS SHALL BE PLACED BETWEEN THE CABINET AND WALL WHERE ATTACHED TO THE PARTY WALL.
D. KITCHEN DISHWASHERS AND DISPOSALS SHALL BE ISOLATD FROM THE FRAME BY RESILIENT MOUNTS. FLEXIBLE HOSE COUPLERS FOR INLET AND OUTLET WATER CONNECTIONS ON THE DISHWASHER SHALL BE INSTALLED SO THAT NO RIGID CONNECTION EXISTS.

9. FLOOR COVERINGS:

A. IF A RESILIENT VINYL FLOOR COVERING IS USED, A DURABLE BRAND OF VINYL MEETING RESILIENT FLOOR COVERING COMMITTEE F6 AT THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) REQUIREMENTS SHALL BE PROVIDED.
B. REFER TO FINISH SCHEULE FOR SPECIFICATION OF ACOUSTIC UNDERLYAMENTS AT TILE FLOOR ASSEMBLIES.

ACOUSTICAL CONTROL REQUIREMENTS

REQUIRED LOCATIONS:

1. CONCEALED SPACES OF WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AT 10'-0" INTERVALS BOTH HORIZONTAL AND VERTICAL.

2. AT INTERSECTIONS BETWEEN VERTICAL AND HORIZONTAL.

3. AT CONCEALED SPACES BETWEEN STAIR STRINGERS AT TOP AND BOTTOM OF STAIR RUN.

4. IN OPENING AROUND PIPES, DUCTS, CHIMNEYS, FIREPLACES AT CEILINGS AND FLOORS.

CONSTRUCTION:

1. 2" NOMINAL LUMBER, OR (2) LAYERS OF 1" LUMBER WITH BROKEN LAPS, OR (1) LAYER OF 3/4" STRUCTURAL PANEL WITH JOINTS BACKED BY 3/4" STRUCTURAL PANEL.

2. GYPSUM BOARD, CEMENT FIBER BOARD.

3. BLANKETS OF MINERAL FIBER (IF TESTED FOR USE). NO LOOSE FILL INSULATION.

FIRE BLOCKING NOTES

GENERAL:

1. ALL FRAMING MEMBERS SHALL BE SO ARRANGED AND SPACED AS TO PERMIT INSTALLATION OF PIPES, CONDUITS, CONTROLS AND DUCTWORK WITH A MINIMUM OF CUTTING. SHAFT WALLS SHALL BE PROVIDED WITH NECESSARY FRAMES, BRACING AND SEALANT AROUND THE OPENING.

2. OFFSET STUDS WHERE REQUIRED SO THAT FINISH WALL SURFACE WILL BE FLUSH. IF STRUCTURAL PANELS ARE REQUIRED ON A WALL PLANE, THE ENTIRE WALL PLANE SHALL BE FURRED OR FINISHED FLUSH.

3. CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACK-UP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, STAIR RAILINGS, TOILET ACCESSORIES, PARTITION, AND ALL WALL-MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL OR MISCELLANEOUS EQUIPMENT.

4. AT A MINIMUM FIREBLOCKING SHALL BE PROVIDED THROUGHOUT AS REQUIRED PER CURRENT BUILDING CODES. SEE NOTES THIS SHEET.

5. AT A MINIMUM FIRE DAMPERS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE RATED ASSEMBLIES IN COMPLIANCE WITH CURRENT BUILDING CODES. SEE NOTES THIS SHEET.

6. PLASTIC PIPE PENETRATION IN ACOUSTICAL PARTY FLOOR-CEILING OR WALL ASSEMBLIES ARE PROHIBITED (UNLESS ALLOWED BY LISTED ASSEMBLY). PLASTIC PIPES AND PLASTIC BOXES (EXCEPT UL FIRE RATED BOXES) SHALL NOT PENETRATE FIRE RATED WALLS, FLOORS, CEILINGS. NEC 300-21. SEE SHEET A-61.1 FOR FIRE STOPPING REQUIREMENTS.

7. FURNISH AND INSTALL ALL ACCESS DOORS, FIRE DAMPERS, ETC. IN CEILING AND WALL CONSTRUCTION LOCATED AS REQUIRED BY INSTALLATION OF MECHANICAL, PLUMBING AND ELECTRICAL WORK AND AS APPROVED BY THE ARCHITECT. PROVIDE REQUIRED FIRE RATED ASSEMBLIES IN FIRE RATED WALLS AND CEILINGS.

8. CONTACT BETWEEN DISSIMILAR METALS SHALL BE PROTECTED AT ALL LOCATIONS W/ UNDERLAYMENT - BITUMINOUS PAINT, NEOPRENE WASHERS OR ANOTHER NON-CONDUCTING MATERIAL.

9. PROVIDE INSULATION PER SCHEDULE AND CONFORMING TO ASTM C 665-98 TYPE III - BLANKETS W/ A REFLECTIVE VAPOR-RETARDED ON PRINCIPAL SIDE. FIRE RESISTANCE RATED WHERE EXPOSED IN THE EXTERIOR WALL OR AT THE CEILING PLENUM.

10. ROOFING SYSTEM SHALL BEAR UL LISTING AS A CLASS "A" SYSTEM. ALL MANUFACTURED MATERIALS USED SHALL BEAR THE APPROPRIATE UL LABEL.

11. CONTRACTOR SHALL PROVIDE ALL CONCRETE HOUSEKEEPING PADS FOR MECHANICAL AND ELECTRICAL EQUIPMENT, AS REQUIRED.

12. ALL CONSTRUCTION SHALL COMPLY WITH ACOUSTICAL REQUIREMENTS NOTED ON A-61.11 AND ELSEWHERE IN THE DRAWINGS AND SPECIFICATIONS. UNIT TO UNIT WALLS AND FLOOR/CEILIN ASSEMBLIES SHALL MEET A MINIMUM STC AND IIC SOUND RATING OF 50. REFERENCE INDIVIDUAL WALL AND FLOOR CEILING ASSEMBLIES NOTED IN THESE DRAWINGS.

13. ALL ROOF PIPE PENETRATIONS TO BE ROUND.

CONSTRUCTION ASSEMBLIES - GENERAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMPSON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

PROJECT NO:	2023-40178
ISSUANCE:	ISSUE SET
DATE ISSUED:	2/12/26
SCALE:	As indicated

A60.1

CONSTRUCTION ASSEMBLY NOTES AND REQUIREMENTS

SVA ARCHITECTS

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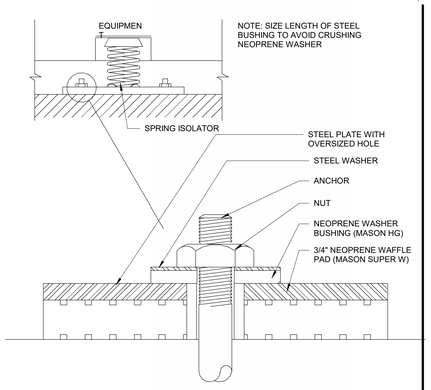
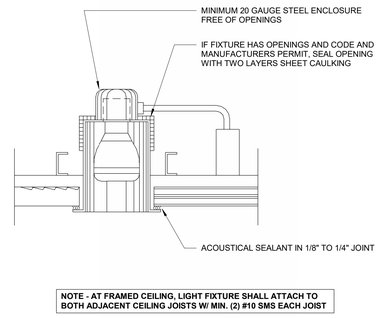


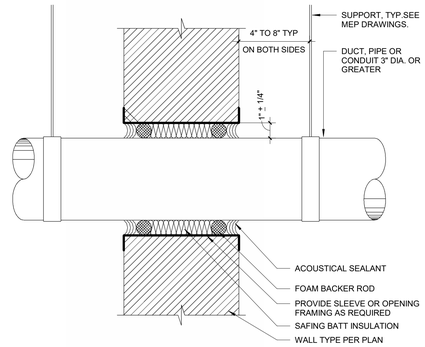
TYP SPRING MOUNT RESTRAINT BOLT 12" = 1'-0" **12**



NOTE - AT FRAMED CEILING, LIGHT FIXTURE SHALL ATTACH TO BOTH ADJACENT CEILING JOISTS W/ MIN. (2) #10 SMS EACH JOIST

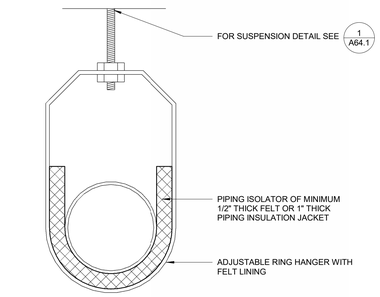
NON-RATED PLASTER OR DRYWALL CEILING

HEAVY GAUGE LIGHT FIXTURE IN 3" = 1'-0" **8**

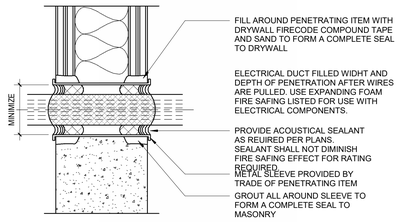


NOTE: APPLICABLE AT ALL SOUND-RATED CONSTRUCTION INCLUDING INTERIOR INSULATED ASSEMBLIES

TYP PENETRATION GREATER THAN 3" 3" = 1'-0" **4**



SUSPENDED PIPE HANGER 3" = 1'-0" **11**



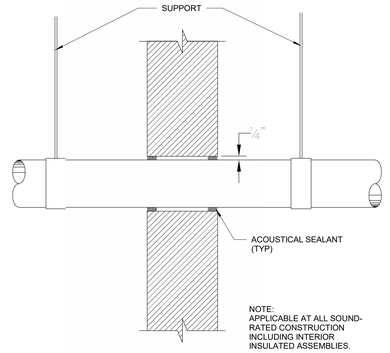
NOTES:

1. PROVIDE BLOCKING OR LINTEL AS REQUIRED ABOVE PENETRATIONS.
2. INTERRUPT INSULATION OUTSIDE PIPES AND DUCT AT PENETRATIONS.
3. DO NOT GROUP DUCT LIKE PIPES IN DETAIL 6.

ELECTRICAL DUCT THRU DRYWALL OR PLASTER, CONCRETE, FLOOR SIMILAR.

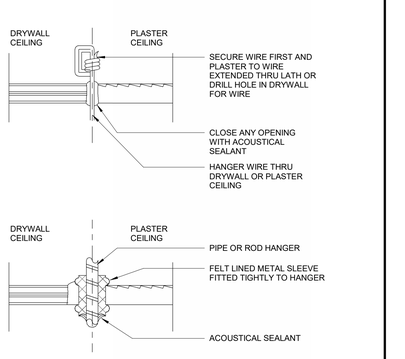
THRU GYPSUM BOARD OR CONCRETE CONSTRUCTION

PENETRATION - ELECTRICAL CONDUIT 3" = 1'-0" **7**



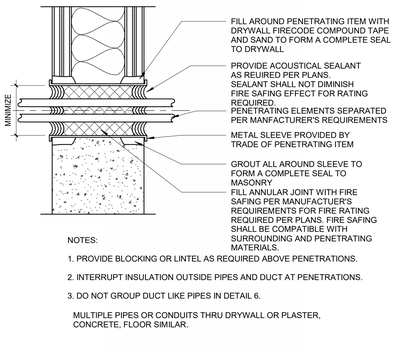
NOTE:
APPLICABLE AT ALL SOUND-RATED CONSTRUCTION INCLUDING INTERIOR INSULATED ASSEMBLIES.

TYP PIPE PENETRATION - LESS THAN 3" 3" = 1'-0" **3**



THRU CEILING FINISH

NON-RATED HANGER PENETRATION 3" = 1'-0" **10**



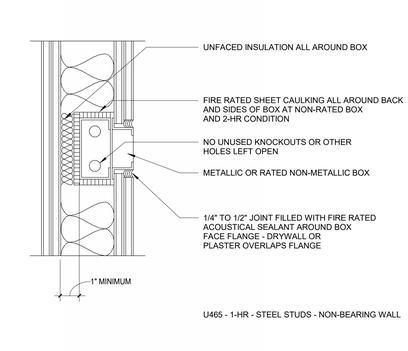
NOTES:

1. PROVIDE BLOCKING OR LINTEL AS REQUIRED ABOVE PENETRATIONS.
2. INTERRUPT INSULATION OUTSIDE PIPES AND DUCT AT PENETRATIONS.
3. DO NOT GROUP DUCT LIKE PIPES IN DETAIL 6.

MULTIPLE PIPES OR CONDUITS THRU DRYWALL OR PLASTER, CONCRETE, FLOOR SIMILAR.

THRU GYPSUM BOARD OR CONCRETE CONSTRUCTION

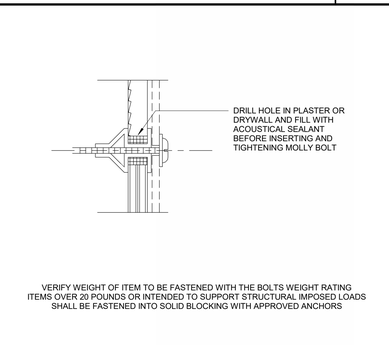
PENETRATON- MULTIPLE PIPES 3" = 1'-0" **6**



U465 - 1-HR - STEEL STUDS - NON-BEARING WALL

IN DRYWALL OR PLASTER WALL

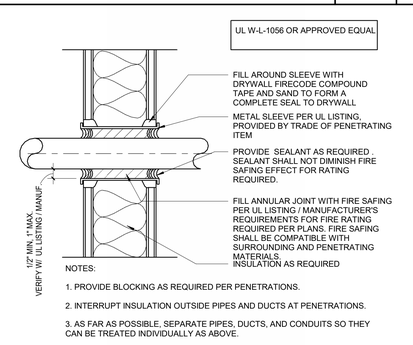
ELECTRICAL BOX UP TO 16 SQ. IN. 3" = 1'-0" **2**



VERIFY WEIGHT OF ITEM TO BE FASTENED WITH THE BOLTS WEIGHT RATING ITEMS OVER 20 POUNDS OR INTENDED TO SUPPORT STRUCTURAL IMPOSED LOADS SHALL BE FASTENED INTO SOLID BLOCKING WITH APPROVED ANCHORS

WALL FINISH FOR SURFACE MOUNTED ELEMENT

NON-STRUCTURAL MOLLY BOLT THRU 3" = 1'-0" **9**

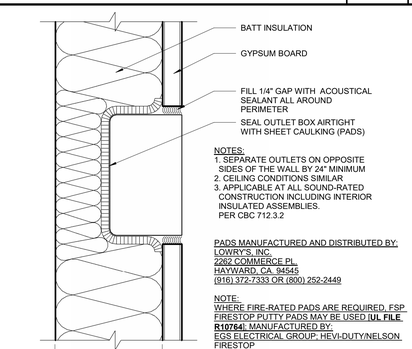


NOTES:

1. PROVIDE BLOCKING AS REQUIRED PER PENETRATIONS.
2. INTERRUPT INSULATION OUTSIDE PIPES AND DUCTS AT PENETRATIONS.
3. AS FAR AS POSSIBLE, SEPARATE PIPES, DUCTS, AND CONDUITS SO THEY CAN BE TREATED INDIVIDUALLY AS ABOVE.
4. 1- HOUR WALL GRAPHICALLY SHOWN, 2-HOUR SIMILAR BUT WITH WALL TYPE PER UL 2 HR ASSEMBLIES

ALL RESILIENTLY-SUPPORTED PIPES, DUCTS OR CONDUITS AND RIGIDLY-SUPPORTED PIPES, DUCTS OR CONDUITS OVER 2 INCHES IN DIAMETER THRU DRYWALL WALLS

WALL PENETRATION 3" = 1'-0" **5**



NOTES:
1. SEPARATE OUTLETS ON OPPOSITE SIDES OF THE WALL BY 24" MINIMUM
2. CEILING CONDITIONS SIMILAR
3. APPLICABLE AT ALL SOUND-RATED CONSTRUCTION INCLUDING INTERIOR INSULATED ASSEMBLIES. PER CBC 712.3.2

PADS MANUFACTURED AND DISTRIBUTED BY:
LOWRY'S, INC.
2262 COMMERCE PL.
HAYWARD, CA. 94545
(916) 372-7333 OR (800) 252-2449

NOTE:
WHERE FIRE-RATED PADS ARE REQUIRED, FSP FIRESTOP PUTTY PADS MAY BE USED **[UL FILE R10764]**. MANUFACTURED BY:
EGS ELECTRICAL GROUP; HEVI-DUTY/NELSON FIRESTOP
P.O. BOX 726
TULSA, OK. 74101
(800) 331-7325

JUNCTION BOX ISOLATION 6" = 1'-0" **1**

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVIMBERSKY
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A60.2

PENETRATION ASSEMBLIES

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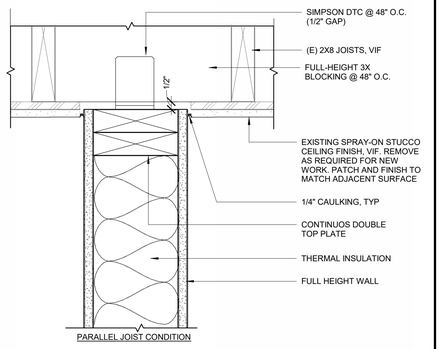
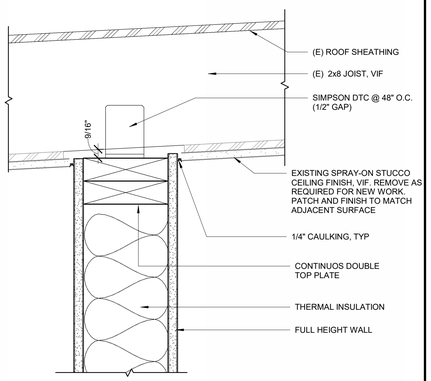
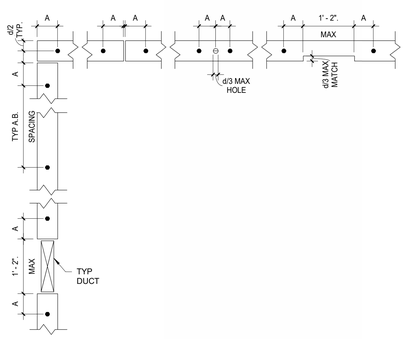


PARALLEL JOIST CONDITION



PERPENDICULAR JOIST CONDITION

TYP. HEAD CONNECTION | 3" = 1'-0" | 15



GENERAL SILL PLATE NOTES:

1. ALL SILL PLATES SHALL BE PRESSURE TREATED D.F OR REDWOOD, SEE GENERAL NOTES.
2. FOR ANCHOR BOLTS AT SHEAR WALLS, SEE SHEARWALL SCHEDULE
3. WIDTH 'd' SHALL BE EQUAL TO DEPTH OF STUDS, U.N.O.
4. 'A' DIMENSION SHALL BE 5" MINIMUM AND 9" MAXIMUM

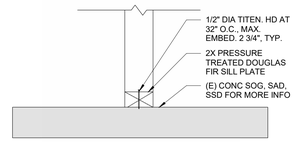
ANCHOR BOLT AND SILL PLATE AT EXTERIOR WALLS AND INTERIOR SHEAR WALLS

1. ANCHOR BOLTS SHALL BE 5/8"DIA WITH SIMPSON BP PLATE WASHERS SPACED AT 4'-0" O.C. MAX, U.N.O.
2. ANCHOR BOLTS AND PLATE WASHERS SHALL BE GALVANIZED, SEE GENERAL NOTES.
3. EACH SILL PIECE SHALL HAVE 2 BOLTS MINIMUM. LOCATE BOLTS CLEAR OF STUDS AND POSTS.

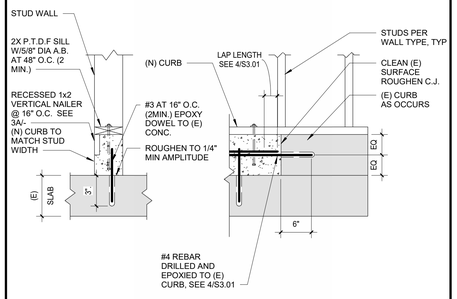
L.V.P. AND SILL PLATE AT INTERIOR BEARING & PARTITION WALLS

1. L.V.P SHALL BE 0.145" DIA X 2 7/8" HILTI 'X-CP' AT 16" O.C, TYP.
2. L.V.P. SHALL BE GALVANIZED OR STAINLESS STEEL, SEE GENERAL NOTES.
3. EACH SILL PIECE SHALL HAVE 3-L.V.P. MINIMUM LOCATE L.V.P. CLEAR OF STUDS AND POSTS.

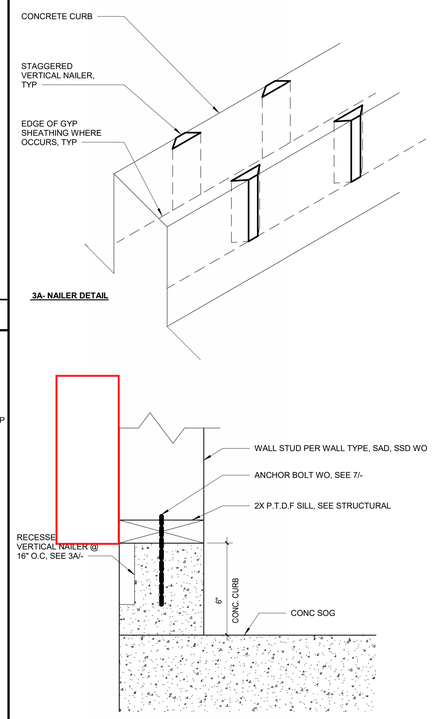
ANCHOR BOTL AT SILL PLATE | 1" = 1'-0" | 11



NON-STR PARTITION WALL AT (E) SLAB | 1" = 1'-0" | 8

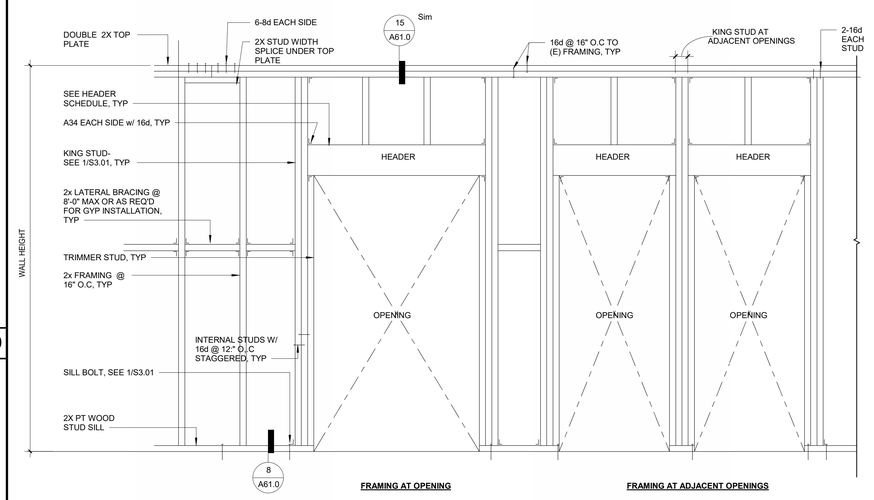


(N) CURB AT (E) SLAB | 1" = 1'-0" | 7



3A- NAILER DETAIL

EXT WALL CURB @ (N) CURB AND SOG | 3" = 1'-0" | 3



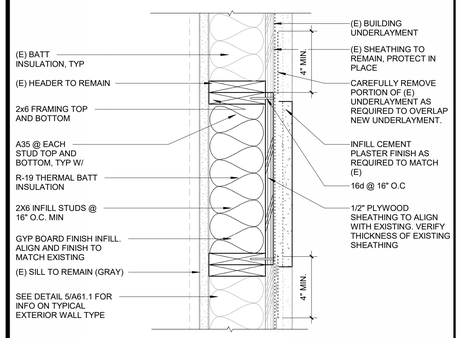
FRAMING AT OPENING **FRAMING AT ADJACENT OPENINGS**

HEADER SCHEDULE FOR INTERIOR NON-BEARING WALLS, 2X6 STUD WALL			
3'-0" MAX	5'-0" MAX	8'-0" MAX	OVER 8'-0"
6X6	6X8	6X10	SEE SPECIFIC DETAILS ON DRAWINGS

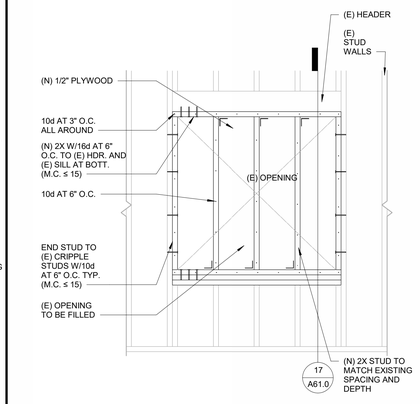
** NOTES:
IF MORE THAN 5'-0" OF SOLID WALL OCCURS OVER OPENING, USE BEARING WALL SCHEDULE

1. PROVIDE BLOCKING AT MID-HEIGHT OF ALL WALLS
2. ALL WALLS SHALL BE FULL HEIGHT UNLESS NOTED OTHERWISE.
3. REFER TO SPECIFICATION DIVISIONS 22, 23 AND 26 FOR HVAC, PLUMBING, AND ELECTRICAL PENETRATION OF WALLS.
4. PROVIDE ACOUSTICAL INSULATION AT ALL INTERIOR WALLS.

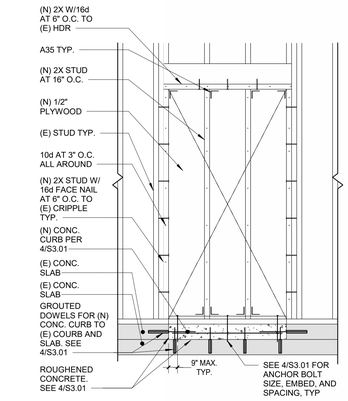
TYPICAL WOOD STUD WALL FRAMING - NON-BEARING | 3/4" = 1'-0" | 1



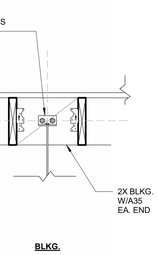
PATCH INFILL DETAIL | 3" = 1'-0" | 17



PATCH INFILL ELEVATION | 1" = 1'-0" | 13



DOOR PATCH INFILL DETAIL | 1" = 1'-0" | 9



PIPE HANGER DETAIL | 1" = 1'-0" | 10

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
Robert M. Sinnen
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

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PROJECT NO: 2023-40178
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WALL DETAILS

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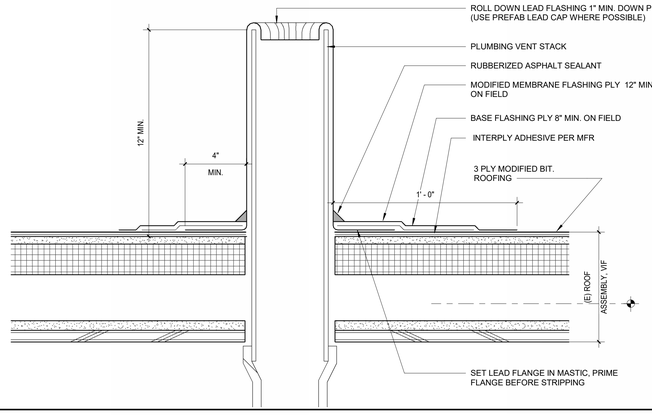
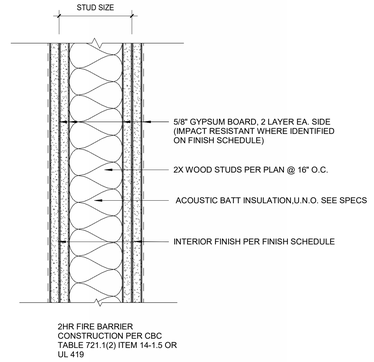


PLUMBING PIPE PENETRATION AT ROOF1 — 3" = 1'-0" — 12



W14 - 2-HR INT FIRE RATED WALL — 3" = 1'-0" — 8

WALL	DESCRIPTION	RATING	STUD SIZE	STUD SPACING	DET. REF	COMMENTS
W1.6	EXT. PLASTER	-	2X6	16" O.C.	1/-	
W5.6	INTERIOR	-	2X6	16" O.C.	2/-	
W6.6	INTERIOR/STC50	-	2X6	16" O.C.	5/-	
W7.6	PARTIAL HEIGHT	-	2X6	16" O.C.	6/-	
W13.6	FURRING	-	2x6	16" O.C.	7/-	
W14.6	INTERIOR (2HR FR.)	-	2x6	16" O.C.	8/-	
W15.6	INTERIOR (1HR FR.)	-	2x6	16" O.C.	11/-	

WALL TYPE SCHEDULE

1. PROVIDE BLOCKING AT MID-HEIGHT OF ALL WALLS, SEE STRUCTURAL DETAILS FOR MORE INFORMATION. WHERE EXTERIOR WALLS ARE SHEATED ON ONE SIDE ONLY, PROVIDE CONTINUOUS BLOCKING @ 48" O.C. VERTICALLY FOR ENTIRE WALL HEIGHT.

2. ALL WALLS SHALL BE FULL HEIGHT UNLESS NOTED OTHERWISE.

3. ALL FIRE RATED WALLS SHALL TERMINATE AT STRUCTURE ABOVE UNLESS NOTED OTHERWISE. ALL FIRE RATED WALLS SHALL COMPLY WITH CBC CHAPTER 7.

4. REFER TO SPECIFICATION DIVISIONS 22, 23 AND 26 FOR HVAC, PLUMBING, AND ELECTRICAL PENETRATION OF WALLS.

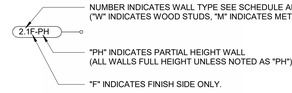
5. REFER TO FLOOR PLAN FOR LOCATION OF RATED WALLS AND REFER TO SHEET A###.## FOR HEAD OF WALL CONDITION OF ALL RATED WALLS.

6. AT TILED WALLS, STOP TILE AND BACKER BOARD AT CEILING, PROVIDE 5/8" TYPE "X" GYP. BD. FOR REMAINING HEIGHT OF WALL.

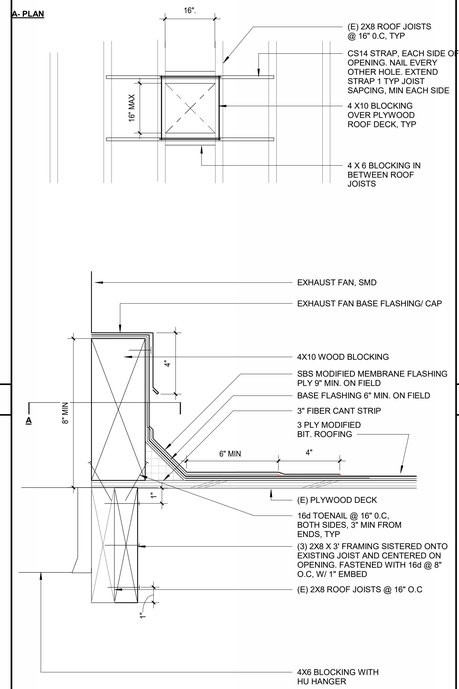
7. PROVIDE THERMAL BATT INSULATION AT ALL EXTERIOR WALLS - PROVIDE ACOUSTICAL INSULATION AT ALL INTERIOR WALLS.

8. ALL FURRING APPLIED TO FIRE RATED WALLS SHALL COMPLY WITH CBC 803.11.

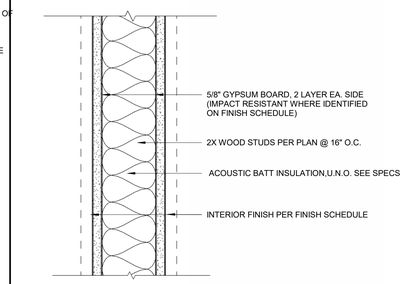
WALL TYPE GENERAL NOTES



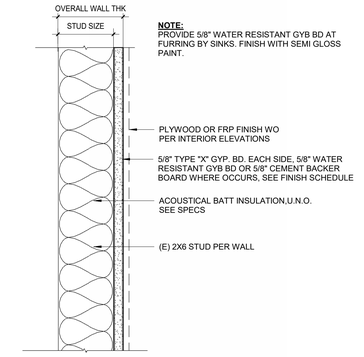
WALL TYPE SYMBOL LEGEND



EXHAUST FAN CURB FLASHING — 3" = 1'-0" — 14



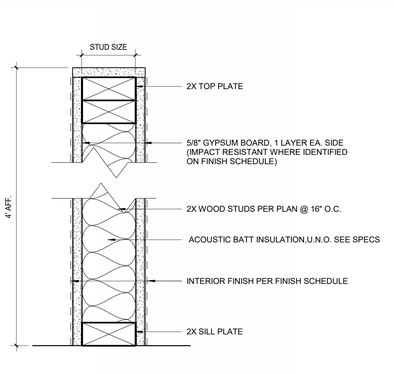
W15 - 1-HR INT FIRE RATED WALL — 3" = 1'-0" — 11



W13 - INT FURRING WALL — 3" = 1'-0" — 7

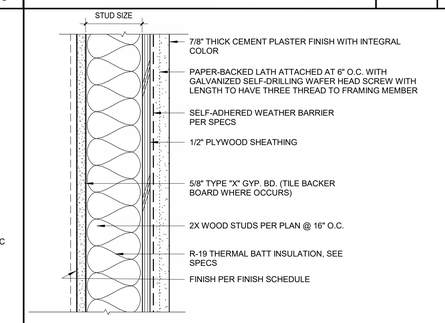
W5 - INT PART GYP — 3" = 1'-0" — 2

ROOF TYPE H - BUR O/(E) FRAMING — 3" = 1'-0" — 10



STC 50 RATING PER USG BBN-760903 OR RIVERBANK ACOUSTICAL LAB (RAL) TL177-138

W6- INT PART GYP/GYP STC 50 — 3" = 1'-0" — 5

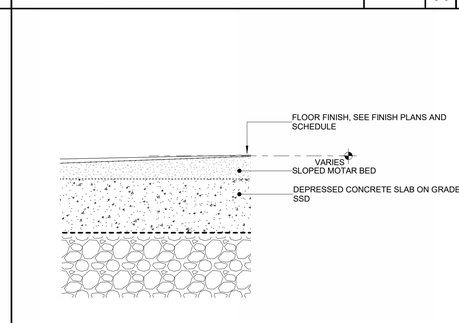


EXTERIOR SIDE

REFER TO THE FOLLOWING and CONFIRM WITH REQUIREMENTS:

1. 2019 CBC TABLE 721.1, ITEM 15-2.3
2. USG PLASTER SYSTEMS REFERENCE SA920,SA700 and SPECIFICATIONS.

W1 EXT PLAST/GYP- SINGLE SHEAR — 3" = 1'-0" — 1



SLAB ON GRADE ASSEMBLY — 3" = 1'-0" — 9

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ROOF, WALL AND FLOOR ASSEMBLIES

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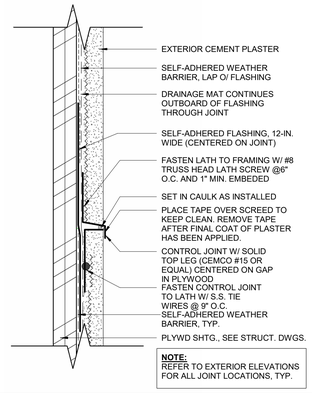
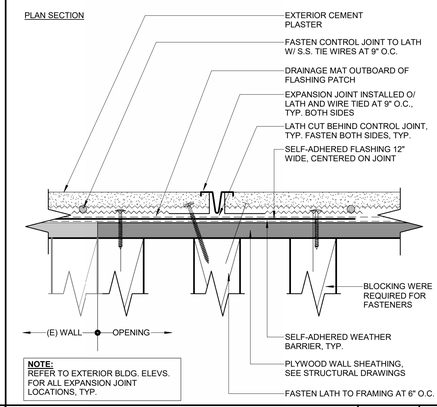
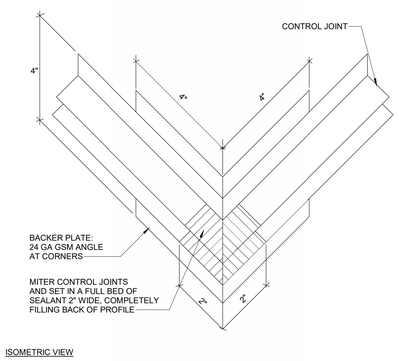


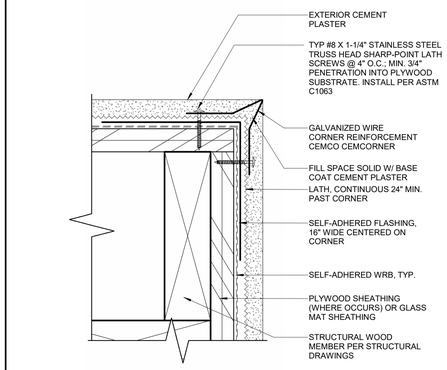
HORIZONTAL CONTROL JOINT 6" = 1'-0" **4**



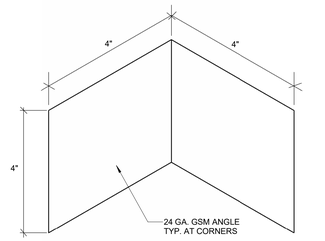
VERTICAL CONTROL JOINT 6" = 1'-0" **3**



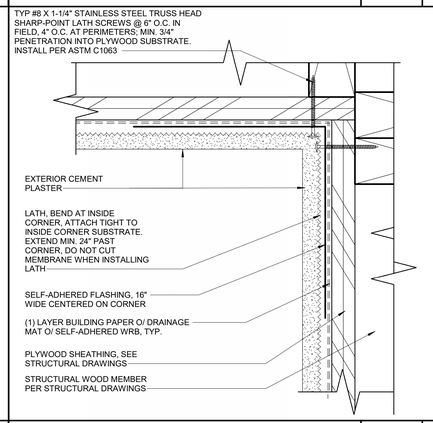
CONTROL JOINT AT CORNER 6" = 1'-0" **6**



TYP. OUTSIDE CORNER 6" = 1'-0" **2**



GSM ANGLE @ INSIDE CORNER 6" = 1'-0" **5**



TYP. INSIDE CORNER 6" = 1'-0" **1**

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RESIDENT ARCHITECT
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ISSUANCE: ISSUE SET
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SCALE: 6" = 1'-0"

A61.2

EXTERIOR WALL DETAILS

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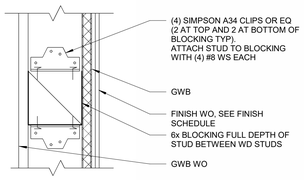
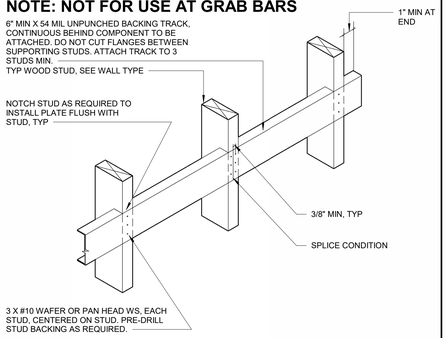
NOTES:
1. USE FOR GRAB BARS AND EQUIPMENT MAX. WT.-300 LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN.
4. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS



FOR FURNITURE, FIXTURES, EQUIPMENT, TOILET PARTITIONS, GRAB BARS

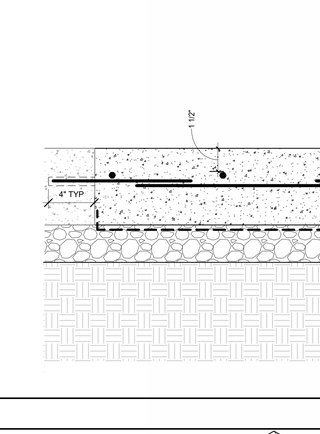
WOOD BACKING DETAIL - TYPE 3 3" = 1'-0" **20**

NOTE: NOT FOR USE AT GRAB BARS

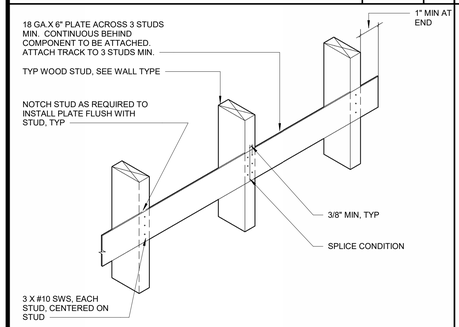


NOTES:
1. FOR WALL MOUNTED CASEWORK, HANDRAILS AND OTHER WALL MOUNTED ITEMS WITH MAX. WEIGHT 200 LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS.

WOOD BACKING DETAIL - TYPE 3M 3" = 1'-0" **19**

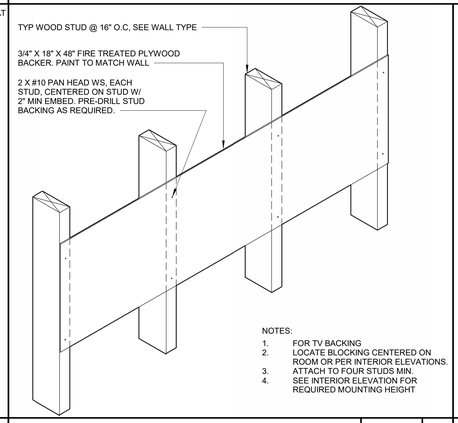


FLOOR INFILL DETAIL 3" = 1'-0" **3**



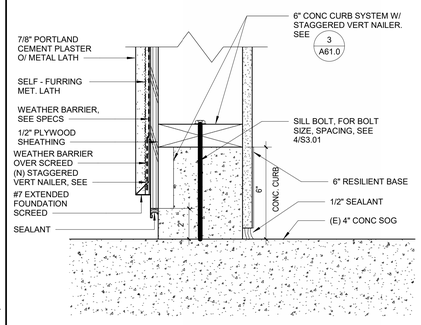
NOTES:
1. FOR SURFACE MOUNTED MIRRORS, WASTE RECEPTACLES, TOWEL DISPENSERS, WALL MOUNTED DOOR STOPS, ETC. WITH MAX. WEIGHT 50LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN.
4. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS

WOOD BACKING DETAIL - TYPE 1M 3" = 1'-0" **18**



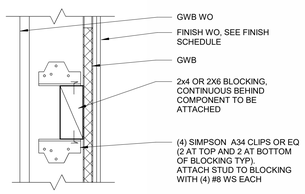
NOTES:
1. FOR TV BACKING
2. LOCATE BLOCKING CENTERED ON ROOM OR PER INTERIOR ELEVATIONS.
3. ATTACH TO FOUR STUDS MIN.
4. SEE INTERIOR ELEVATION FOR REQUIRED MOUNTING HEIGHT

WOOD BACKING DETAIL - TYPE 4 3" = 1'-0" **14**



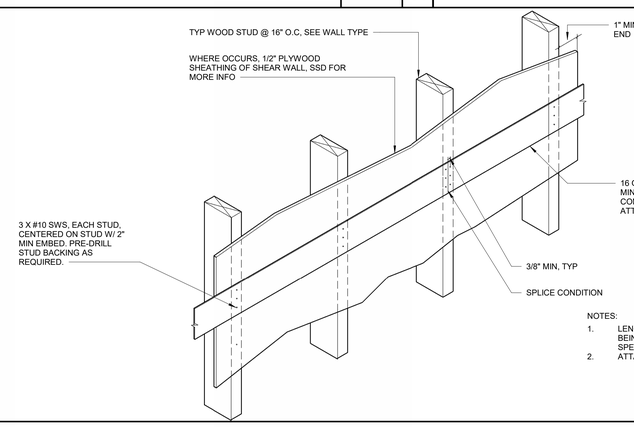
EXT WALL CURB 3" = 1'-0" **2**

NOTES:
1. USE FOR MISC ITEMS AS NEEDED MAX. WT.-50 LBS/ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN.
4. USE DBL. STUDS WHEN STUD IS SUPPORTING MORE THAN (2) BLOCKING STUDS



FOR SURFACE MOUNTED MIRRORS, WASTE RECEPTACLES, TOWEL DISPENSERS, WALL MOUNTED DOOR STOPS, ETC. MEETING LOAD MAX

WOOD BACKING DETAIL - TYPE 1 3" = 1'-0" **17**



NOTES:
1. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED. SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
2. ATTACH TO THREE STUDS MIN.

FLAT STRAP BACKING TYPE 2 (FOR USE AT (E) DOUBLE SHEAR WALLS) 3" = 1'-0" **1**

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APP: 01-122494 INC:
REVIEWED FOR
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DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
REGISTERED PROFESSIONAL
Richard M. Simon
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: 3" = 1'-0"

A61.3

WALL & SLAB DETAILS

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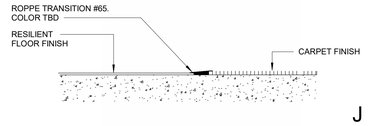

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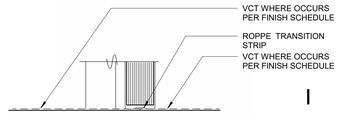

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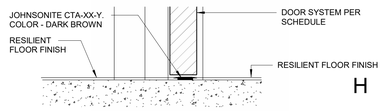

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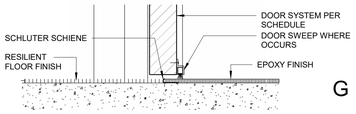

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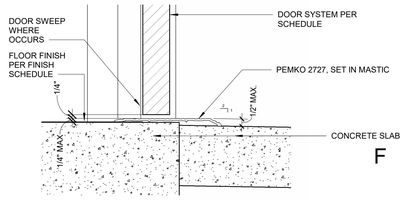

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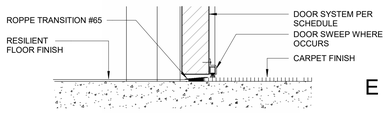

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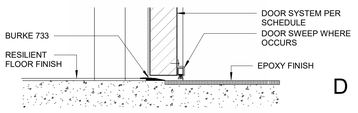

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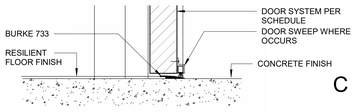

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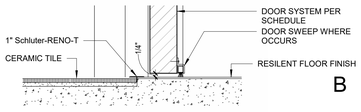

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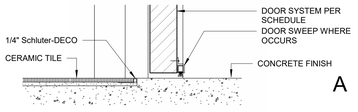
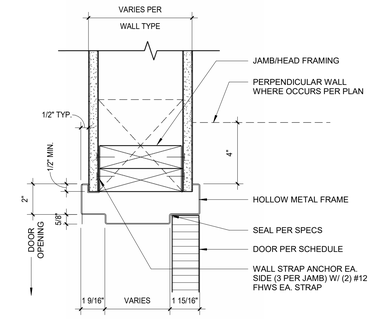
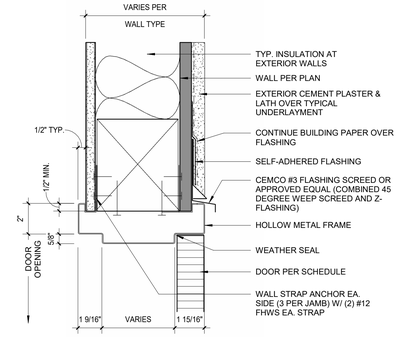


A

THRESHOLD DETAILS | 3" = 1'-0" | **5**



H.M HEAD @ INTERIOR (JAMB SIM) TYP | 3" = 1'-0" | **3**



HOLLOW METAL HEAD @ EXTERIOR | 3" = 1'-0" | **2**

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ROBERT M. SVIMA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

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A62.2

DOOR & WINDOW DETAILS

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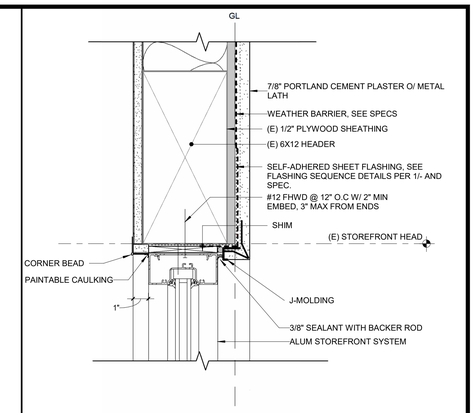
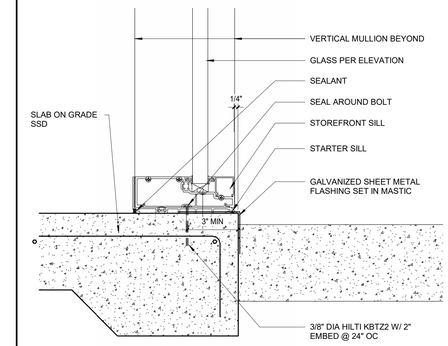
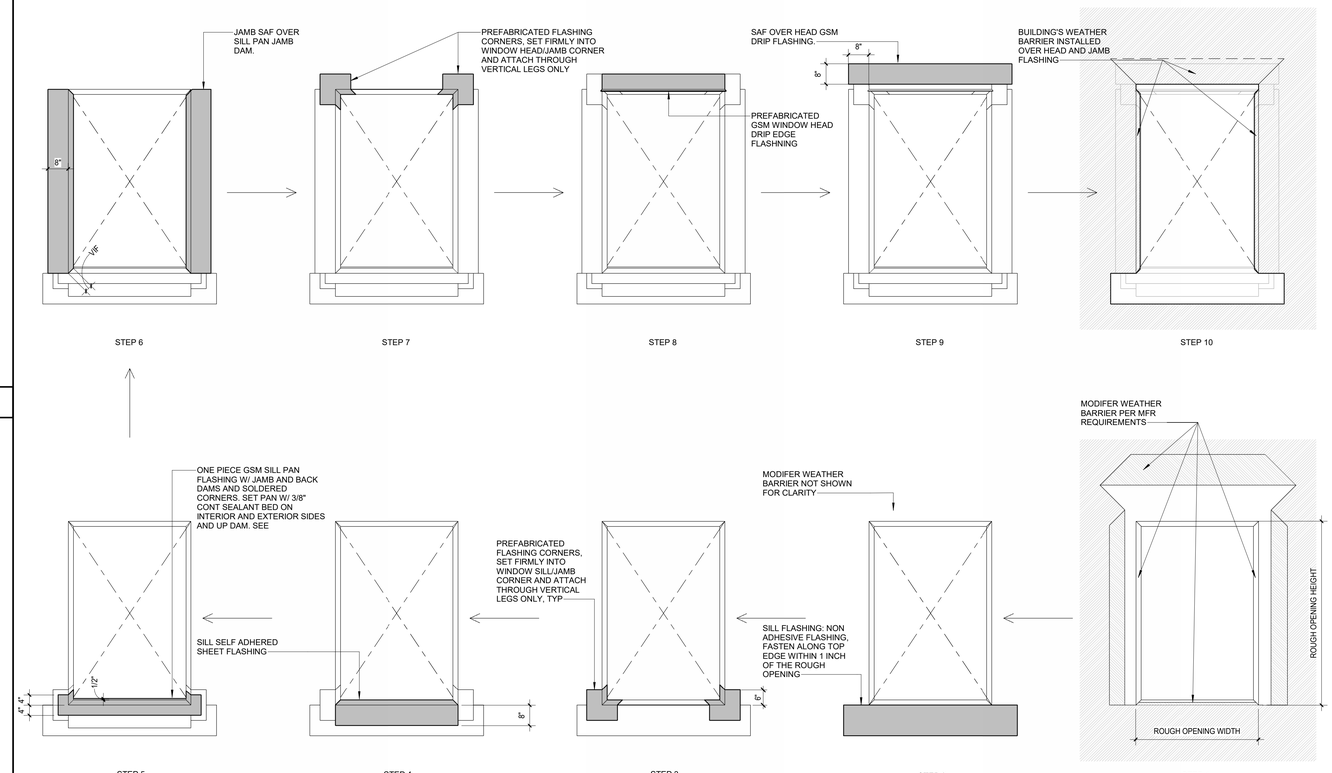


STOREFRNT HD @ CEM PLAS (JAMB SIM) 3" = 1'-0" **2**



STOREFRONT SILL 3" = 1'-0" **3**



STOREFRONT WALL OPENING FLASHING 1/2" = 1'-0" **1**

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REVISIONS:

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ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A62.3

STOREFRONT DETAILS

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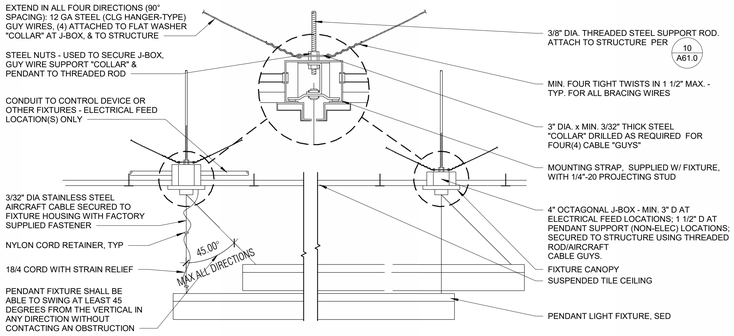
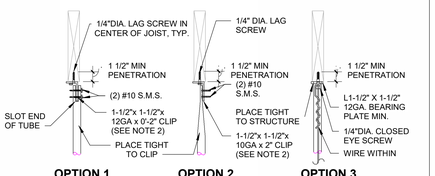
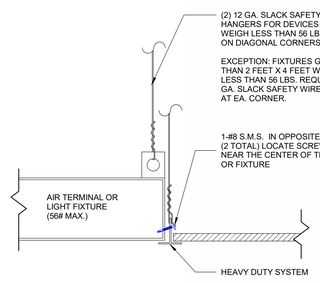


PENDANT FIXTURE MOUNTING @ SUSPENDED CLG | 1" = 1'-0" | 16

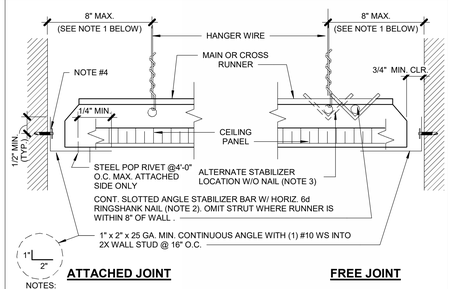


NOTES:
1. NOT USED
2. VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
3. FOR ANCHORS TESTING REQUIREMENTS, SEE CEILING NOTES ON SHEET A64.1

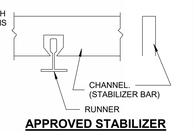
STRUT @ SAWN TIMBER | 1 1/2" = 1'-0" | 19



LIGHT FIXTURES/ AIR TERMINAL SUPPORT | 3" = 1'-0" | 15

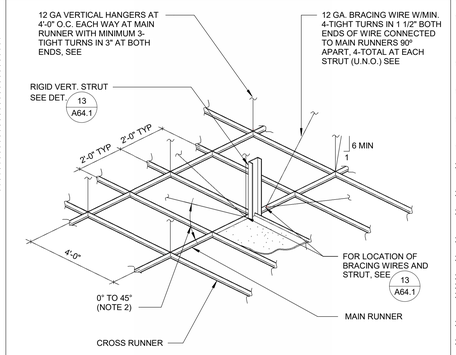


NOTES:
1. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE. WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
2. NAILS AT ENDS OF HORIZONTAL STABILIZERS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTER LINE OF SPAN OF STRUT.
3. STABILIZER BAR MAY BE SLOTTED APPROVED ANGLES OR CHANNELS WITH "DIAMOND POINTS" OF SPRING STEEL WHICH SNAP TIGHT TO PREVENT MOVEMENT OF STRUT.



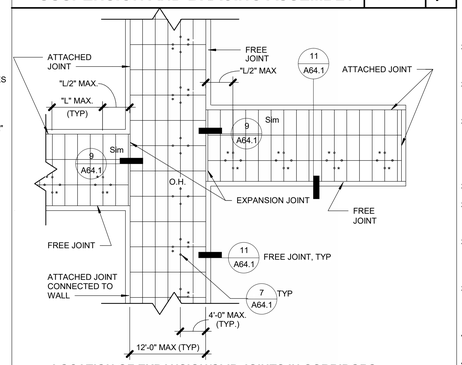
APPROVED STABILIZER
(SEE NOTE 3)

PENDANT FIXTURE BRACING DETAIL | 1 1/2" = 1'-0" | 8



NOTES:
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

SUSPENSION AND BRACING ASSEMBLY | 3" = 1'-0" | 7



LOCATION OF EXPANSION/SLIP JOINTS IN CORRIDORS
NOTES:
1. "L"IS MAX. BRACE ASSEMBLY SPACING PER CEILING PLAN DETAIL, FOR EXAMPLE, WHERE 8' x 12' SPACING IS SPECIFIED, USE "L" = 8'.

SUSPENDED LAY-IN CEILING NOTES:
(FOR CEILING SYSTEMS WHOSE TOTAL WEIGHT, INCLUDING AIR CONDITIONING/HEATING GRILLS AND LIGHT FIXTURES, DOES NOT EXCEED 4 PSF)

CEILING SYSTEM COMPONENTS

1. CEILING SYSTEM COMPONENTS SHALL COMPLY WITH ASTM C635 AND SECTION 5.1 OF ASTM E580.
2. THE CEILING GRID SYSTEM MUST BE RATED HEAVY DUTY AS DEFINED BY ASTM C635. SEE SPECS FOR MORE INFO.
3. NOT USED.
4. CEILING WIRE SHALL BE CLASS 1 ZINC COATED (GALVANIZED) CARBON STEEL CONFORMING TO ASTM A641. WIRE SHALL BE 12 GAGE (0.106" DIAMETER) WITH SOFT TEMPER AND MINIMUM TENSILE STRENGTH = 70KSI. THE MAXIMUM ALLOWABLE (ASD) TENSION LOAD FOR WIRE MEETING THIS SPECIFICATION IS 350 LB.
5. FOUR TURNS OF THE WIRE WITHIN 1.5" WILL DEVELOP THE WIRE ALLOWABLE LOAD.
6. THREE TURNS OF THE WIRE WITHIN 3" IS ASSUMED TO DEVELOP NO MORE THAN 50 PERCENT OF THE WIRE ALLOWABLE LOAD.

SUSPENSION SYSTEM INSTALLATION

7. SHALL COMPLY WITH ASTM C636 AND SECTION 5.2 OF ASTM E580.
8. #12 GAGE HANGER WIRES MAY BE USED FOR UP TO AND INCLUDED A 4 FOOT BY 4 FOOT GRID SPACING AND SHALL BE ATTACHED TO MAIN RUNNERS. SPLICES IN HANGER WIRES SHALL DEVELOP 50 PERCENT OF THE WIRE ALLOWABLE LOAD.
9. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OF WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LEAST, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NO REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
10. CEILING GRID MEMBERS SHALL BE ATTACHED TO TWO (2) ADJACENT WALLS PER ASTM E580, SECTION 5.2.3. CEILING GRID MEMBERS SHALL BE AT LEAST 3/4 INCH CLEAR OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE, AND A MINIMUM OF 3/4 INCH CLEAR OF WALL.
11. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN TWO (2) INCHES. PROPRIETARY SYSTEMS MUST BE SPECIFICALLY APPROVED BY DSA FOR USE IN PROJECT.
12. AT PERIMETER OF CEILING AREA, WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STABILIZER OR A #16 GAGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED AND PLACED WITH EIGHT (8) INCHES OF THE WALL. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS EIGHT (8) INCHES OR LESS, THE STABILIZER OR #16 GAGE WIRE IS NOT REQUIRED.

LATERAL FORCE BRACING ASSEMBLY INSTALLATION

13. LATERAL FORCE BRACING ASSEMBLIES CONSISTING OF A COMPRESSION STRUT AND FOUR (4) #12 GAGE SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER ARE REQUIRED FOR ALL CEILING AREAS.
14. LATERAL FORCE BRACING ASSEMBLIES SHALL BE SPACED AT 12' X 12' MAX. SPACING PER SHEET A64.1.
15. THERE SHALL BE A BRACE ASSEMBLY A DISTANCE OF NOT MORE THAN ONE HALF OF THE SPACING PER ITEM #2 FROM EACH SURROUNDING WALL. EXPANSION JOINT AND AT THE EDGES OF ANY CEILING VERTICAL OFFSET. FOR EXAMPLE, WHERE THE BRACE SPACING IS 8' X 12', THE EDGE DISTANCE SHALL BE 4 FEET IN THE DIRECTION OF THE 8 FOOT SPACING AND 6 FEET IN THE DIRECTION OF THE 12 FOOT SPACING.
16. SLOPE OF BRACING WIRES SHALL NOT EXCEED 45 DEGREES FROM THE HORIZONTAL PLANE AND WIRES SHALL BE TAUT. SPLICES IN BRACING WIRES SHALL DEVELOPED THE WIRE ALLOWABLE LOAD.
17. COMPRESSION STRUTS SHALL BE PER SHEET A64.1.

ATTACHMENT OF HANGER AND BRACING WIRES

18. FASTEN HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURNS IN THREE (3) INCHES. HANGER WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION OF THE MEMBER WITHIN THE LOOP.
19. FASTEN BRACING WIRES WITH NOT LESS THAN FOUR (4) TIGHT TURNS IN ONE AND ONE-HALF (1-1/2) INCHES.
20. HANGER AND BRACING WIRE ANCHORAGE TO THE STRUCTURE SHALL BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHORAGE CLOSELY ALIGNS WITH THE DIRECTION OF THE WIRE.
21. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC.
22. HANGER AND BRACING WIRES SHALL NOT ATTACH TO OR BEND AROUND OBSTRUCTIONS INCLUDE BUT NOT LIMITED TO, PIPING, DUCTWORK, CONDUIT AND EQUIPMENT. PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO ALLOW TYPICAL HANGER SPACING.
23. PROVIDE ADDITIONAL HANGERS, STRUTS AND BRACE ASSEMBLIES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS.
24. HANGER WIRES THAT ARE MORE THAN ONE (HORIZONTAL) IN SIX (VERTICAL) OUT OF PLUMB SHALL HAVE COUNTER-SLOPING WIRES.
25. POST-INSTALLED ANCHORS SHALL HAVE A CURRENT EVALUATION REPORT ACCEPTABLE TO DSA.
26. POWER-ACTUATED FASTENERS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES.
27. NOT USED

EXPANSION JOINTS, SEISMIC SEPARATION JOINTS

28. EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND JUNCTIONS OF CORRIDOR AND LOBBIES OR OTHER SIMILAR AREAS.
29. FOR CEILING AREAS EXCEEDING 2,500 SF, A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2,500 SF IN ACCORDANCE WITH ASTM E580, SECTION 5.2.9.

CEILING FIXTURES, TERMINALS AND DEVICES

30. ALL FIXTURES, TERMINALS AND OTHER DEVICES SHALL BE MOUNTED IN A MANNER THAT WILL NOT COMPROMISE CEILING PERFORMANCE IN ACCORDANCE WITH SECTION 13.5.6.2.2 ITEM 5 OF ASCE 7 AS AMENDED BY ASTM E580 SECTIONS 5.3 AND 5.4.
31. CEILING PANELS SHALL NOT SUPPORT ANY LIGHT FIXTURES, AIR TERMINAL OR DEVICES.
32. PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEAD AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE AT LEAST A TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF 1" IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, PER ASTM E580, SECTION 5.2.8.5, A FLEXIBLE SPRINKLER HOSE FITTING THAT CAN ACCOMMODATE ONE (1) INCH OF CEILING MOVEMENT SHALL BE PERMITTED.
33. SLACK SAFETY WIRES SHALL BE CONSIDERED HANGER WIRES FOR INSTALLATION AND TESTING REQUIREMENTS.

LIGHT FIXTURES

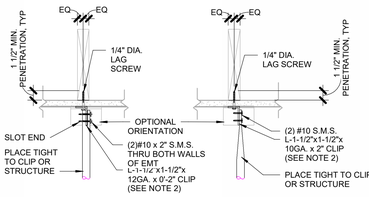
34. ALL LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS PER CEC ARTICLE 410.36 TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE. A MINIMUM OF TWO SCREWS OR APPROVED FASTENERS ARE REQUIRED AT EACH FIXTURE, PER ASTM E580, SECTION 5.3.1.
35. SURFACE-MOUNTED LIGHT FIXTURES SHALL BE ATTACHED TO THE MAIN RUNNER WITH AT LEAST TWO POSITIVE CLAMPING DEVICES ON EACH FIXTURE. THE CLAMPING DEVICE SHALL COMPLETELY SURROUND THE SUPPORTING CEILING RUNNER AND BE MADE OF STEEL WITH A MIN. THICKNESS OF 14 GAGE. ROTATIONAL SPRING CATCHES DO NOT COMPLY. A #12 GAGE SLACK SAFETY WIRE SHALL BE CONNECTED FROM EACH CLAMPING DEVICE TO THE STRUCTURE ABOVE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE EIGHT (8) FEET OR LONGER OR EXCEED 56 LB. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED EIGHT (8) FEET.
36. LIGHT FIXTURES WEIGHING LESS THAN OR EQUAL TO 10 LB SHALL HAVE A MINIMUM OF ONE (1) #12 GAGE SLACK SAFETY WIRE CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE.
37. LIGHT FIXTURES WEIGHING GREATER THAN 10 LB BUT LESS THAN 56 LB MAY BE SUPPORTED DIRECTLY ON THE CEILING RUNNERS, BUT THEY SHALL HAVE A MINIMUM OF TWO (2) #12 GAGE SLACK SAFETY WIRES CONNECTED FROM THE FIXTURE HOUSING AT DIAGONAL CORNERS TO THE STRUCTURE ABOVE.
38. LIGHT FIXTURES WEIGHING MORE THAN 56 LB SHALL BE INDEPENDENTLY SUPPORTED BY AT LEAST FOUR (4) TAUT #12 HANGER WIRES (ONE AT EACH CORNER). HANGERS MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE FIXTURE.

SERVICES WITHIN THE CEILING

39. ALL FLEXIBLE SPRINKLER HOSE FITTING MOUNTING BRACKETS, CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION SYSTEMS BY MECHANICAL MEANS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE COMPONENT. SCREWS OR APPROVED FASTENERS ARE REQUIRED - A MINIMUM OF TWO ATTACHMENTS ARE REQUIRED FOR EACH COMPONENT.
40. CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING LESS THAN OR EQUAL TO 20 LB SHALL HAVE ONE (1) #12 GAGE SLACK SAFETY WIRE ATTACHED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.
41. FLEXIBLE SPRINKLER HOSE FITTINGS, CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING MORE THAN 20 LB BUT LESS THAN OR EQUAL TO 56 LB SHALL HAVE TWO (2) #12 GAGE SLACK SAFETY WIRES AT DIAGONAL CORNERS CONNECTED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE.
42. FLEXIBLE SPRINKLER HOSE FITTINGS, CEILING-MOUNTED AIR TERMINALS OR OTHER SERVICES WEIGHING MORE THAN 56 LB SHALL BE INDEPENDENTLY SUPPORTED BY AT LEAST FOUR (4) TAUT # 12 HANGER WIRES (ONE AT EACH CORNER). HANGERS MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE FIXTURE.
43. ALL LIGHTWEIGHT MISCELLANEOUS DEVICES, SUCH AS STROBE LIGHTS, OCCUPANCY SENSORS, SPEAKERS, EXIT SIGNS, ETC. SHALL BE ATTACHED TO THE CEILING GRID PER ITEM #1. DEVICES WEIGHING MORE THAN 10 POUNDS SHALL HAVE A #12 SLACK SAFETY WIRE, AND DEVICES WEIGHING MORE THAN 20 LB SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE BY HANGER WIRES.

CEILING NOTES (LAY-IN PANEL)2 | 1 1/2" = 1'-0" | 2

STRUCTURAL CONDITIONS ABOVE SUSPENDED CEILING	APPLICABLE HANGER WIRE DETAIL	APPLICABLE BRACING WIRE DETAIL	APPLICABLE STRUT DETAIL
SAWN TIMBER			18 A64.1 / 19 A64.1

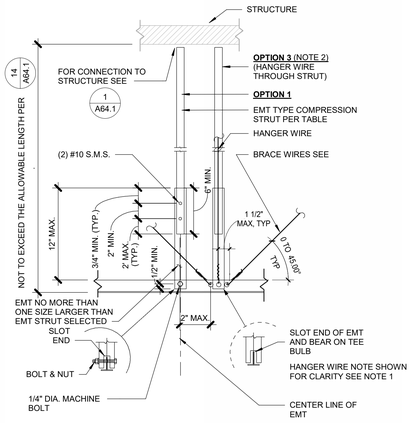


NOTES:
1. NOT USED
2. FOR ANGLE ORIENTED IN THE STANDARD POSITION, VERTICAL LEG TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.

STRUT @ SAWN TIMBER WITH GYPSUM | 1 1/2" = 1'-0" | 18

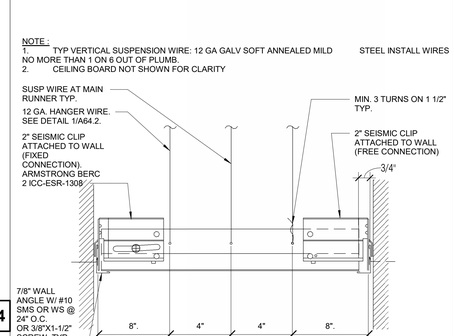
EMT COMPRESSION STRUT	MAXIMUM LENGTH
1/2" DIAMETER EMT (0.042" WALL THICKNESS)	3'-11"
3/4" DIAMETER EMT (0.049" WALL THICKNESS)	5'-2"
1" DIAMETER EMT (0.057" WALL THICKNESS)	6'-6"

COMPRESSION STRUT TABLE- EMT | 3" = 1'-0" | 14

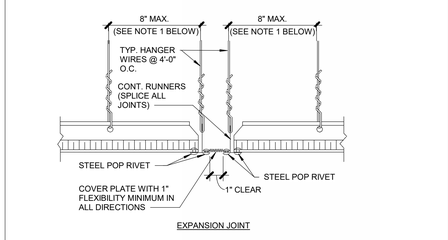


NOTES:
1. MACHINE BOLT IS NOT REQUIRED ON OPTION 3
2. APPLICABLE TO SAWN TIMBER WITHOUT GYPSUM BOARD ONLY.

EMT TYPE STRUT | 1 1/2" = 1'-0" | 13



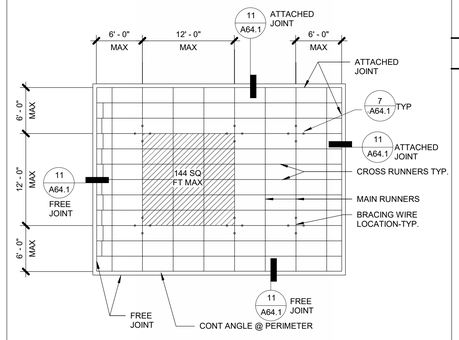
PERIMETER JOINT DETAIL | 3" = 1'-0" | 11



EXPANSION JOINTS AT THE INTERSECTION OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS AND LOBBIES OR OTHER SIMILAR AREAS

NOTES:
1. PROVIDE #12 GAGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.

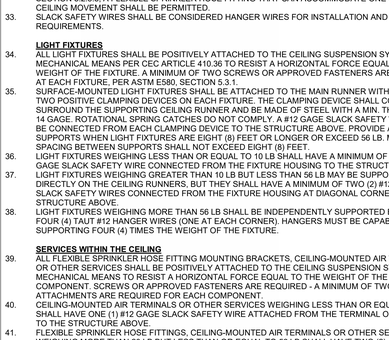
EXPANSION JOINT AT INTERSECTIONS | 3" = 1'-0" | 9



NOTE:
BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 144 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.

TYPICAL CEILING PLAN | 1/8" = 1'-0" | 5

TYPICAL CEILING PLAN- CORRIDOR | 3" = 1'-0" | 6



HANGER/ BRACING WIRE CONNECTION DET | 3" = 1'-0" | 1

OWNER: CHABOT COLLEGE
PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS
ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

LICENSED ARCHITECT
ROBERT E. SVA
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
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14		
15		
16		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
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A64.1

TYPICAL SUSPENDED CEILING DETAILS

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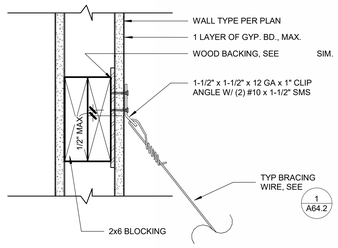
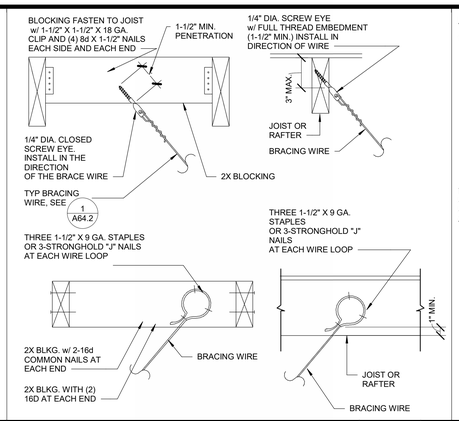


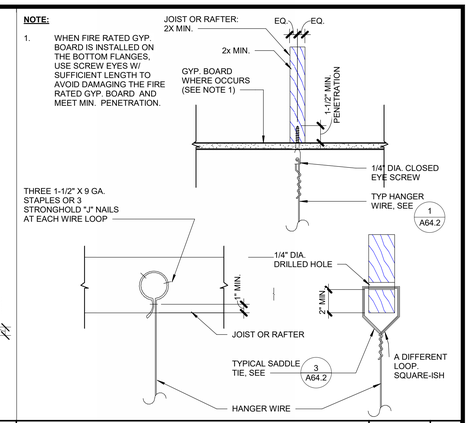
BRACING WIRE ATTACHMENT AT WALL

3" = 1'-0" | 12



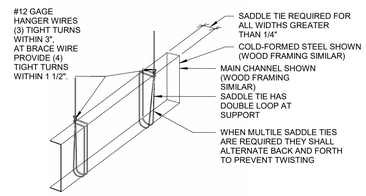
BRACING WIRE @ SAWN TIMBER

1 1/2" = 1'-0" | 8



HANGER WIRE @ SAWN TIMBER

1 1/2" = 1'-0" | 4

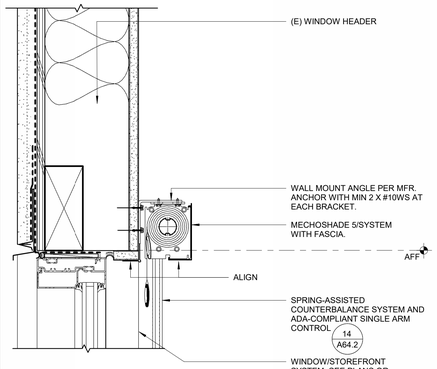


TYPICAL SADDLE TIE DETAIL

HANGER WIRE CONDITION SHOWN.
BRACE WIRE CONDITION SIMILAR

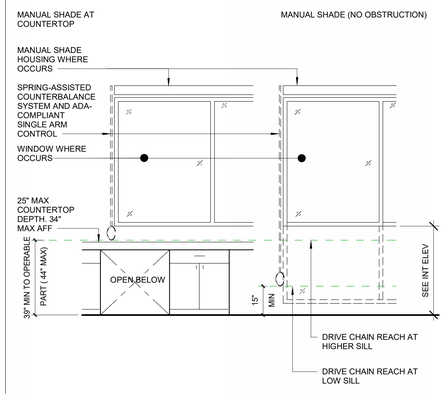
TYPICAL SADDLE TIE DETAIL

3" = 1'-0" | 3



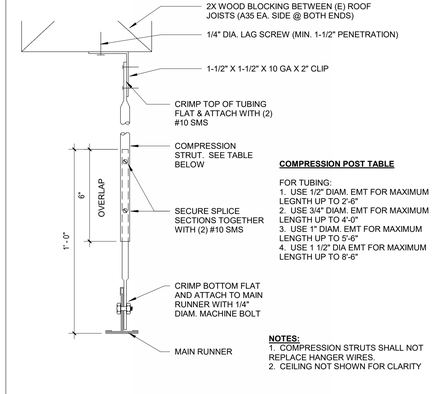
MANUAL ROLLER SHADE MOUNTING

3" = 1'-0" | 18



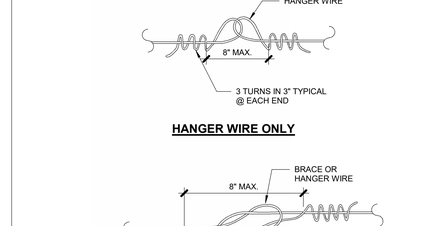
MANUAL SHADE CONTROL REACH

3/8" = 1'-0" | 14



COMPRESSION STRUT DETAIL @ ACT

3" = 1'-0" | 6



HANGER WIRE ONLY

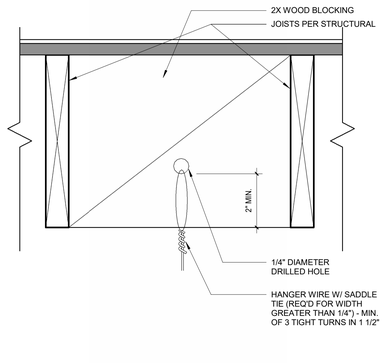
HANGER OR BRACE WIRE

NOTES:

1. WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.
2. WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION WITHIN THE LOOPS.
3. EACH HANGER AND BRACE WIRE SHALL BE SPLICED NO MORE THAN ONCE ALONG ITS LENGTH.

CEILING WIRE SPLICES

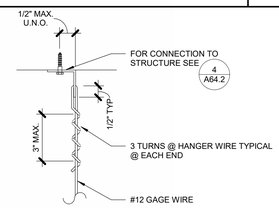
3" = 1'-0" | 2



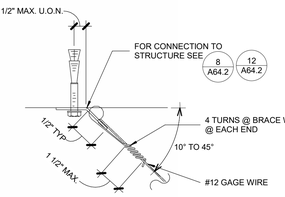
HANGER WIRE @ WD JOIST

3" = 1'-0" | 5

HANGER WIRE



BRACING WIRE



HANGER AND BRACING WIRE CONNECTION

3" = 1'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
Richard M. Simon
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A64.2

TYPICAL SUSPENDED CEILING DETAILS

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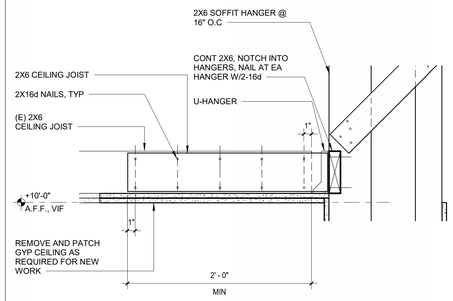
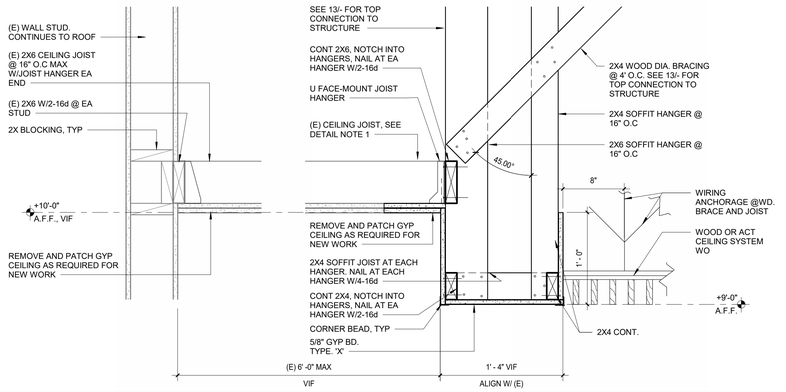
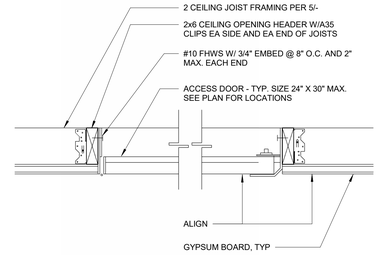


NOTE:

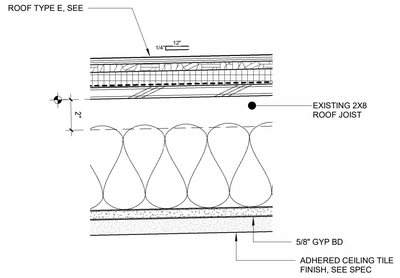
1. **MODIFICATION OF EXISTING 2X6 CEILING JOIST.**
   - **A.** CONTRACTOR TO CONFERENCE WITH ARCHITECT BEFORE THE DEMOLTION AT/MODIFICATION AT (E) CEILING JOIST TO CONFIRM EXISTING CONDITIONS. WHERE DEMOLITION AND PREP FOR NEW WORK SHORTENS JOIST, PROVIDE SPLICE PER DETAIL B

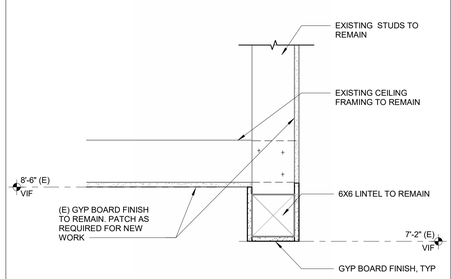




SOFFIT AT RECEPTION AREA | 1 1/2" = 1'-0" | 8

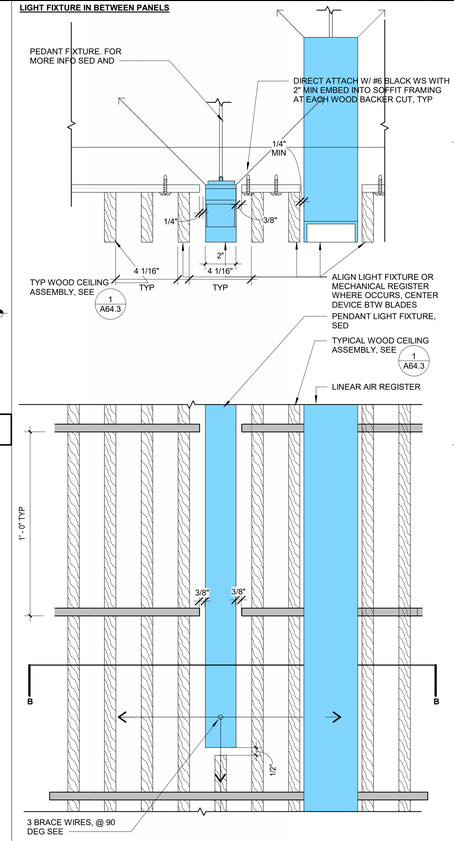
CEILING ACCESS PANEL | 1 1/2" = 1'-0" | 4





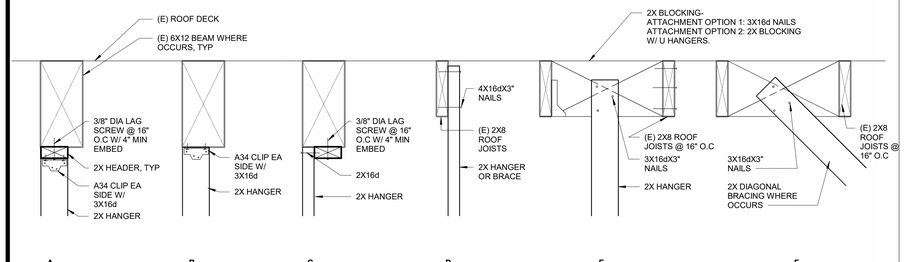
A-SOFFIT PATCH AT (E) BEAM

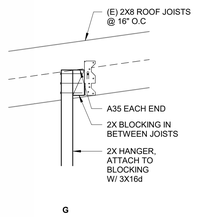
LIGHT FIXTURE IN BETWEEN PANELS



CEMENT PLASTER SOFFIT EDGE 2 | 3" = 1'-0" | 11

SOFFIT PATCH DETAIL | 1 1/2" = 1'-0" | 7





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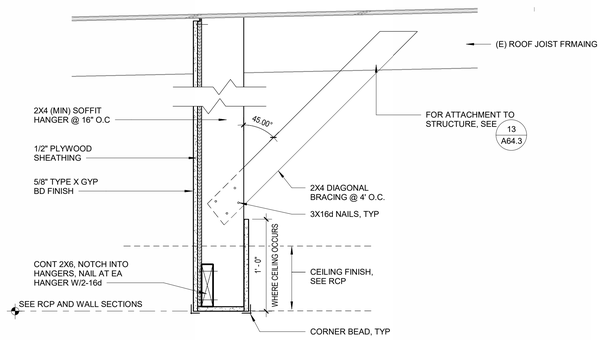
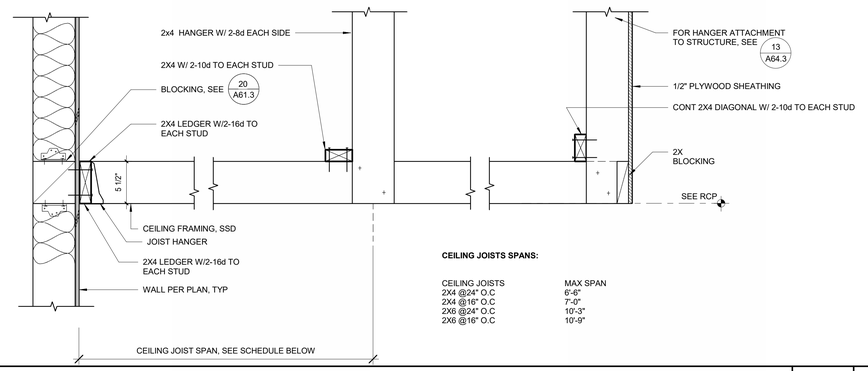


HANGING SOFFIT DETAIL | 1 1/2" = 1'-0" | 6

WD-1 / WOOD CEILING W/ LIGHT FIXTURE | 3" = 1'-0" | 2

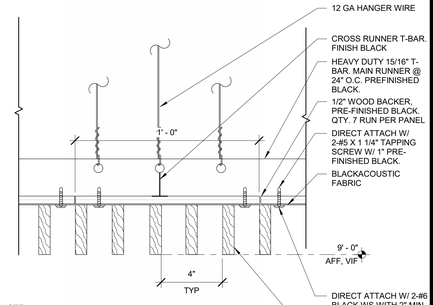
HANGING SOFFIT - TOP ATTACHMENTS | 1 1/2" = 1'-0" | 13



CEILING JOISTS SPANS:

CEILING JOISTS	MAX SPAN
2X4 @24" O.C	6'-6"
2X4 @16" O.C	7'-0"
2X6 @24" O.C	10'-3"
2X6 @16" O.C	10'-9"

CEILING JOIST SCHEDULE | 1 1/2" = 1'-0" | 5



NOTE:
1. FOR TYPICAL DETAILS, SEE SHEET
2. FOR ADDITIONAL DETAILS, SEE SHEET 2 A64.3

WD-1 / WOOD CEILING ASSEMBLY - VIEW 1 | 3" = 1'-0" | 1

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A64.3

CEILING AND SOFFIT DETAILS

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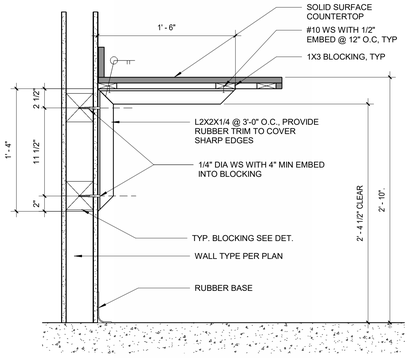
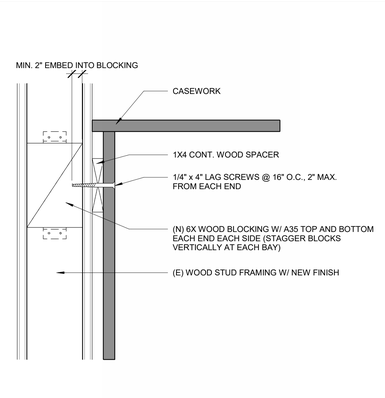


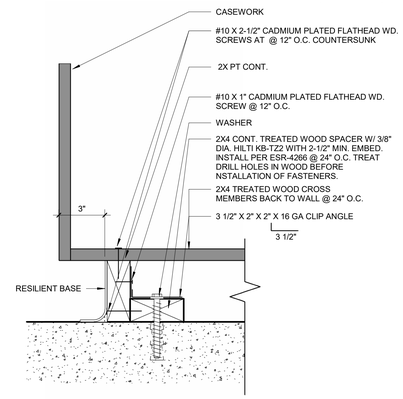
COUNTERTOP AT WALL - PL | 1 1/2" = 1'-0" | 8

1. CASEWORK SHALL COMPLY W/ THE REQUIREMENTS OF THE WOODWORK INSTITUTE.
2. ALL CABINET DIMENSIONS INDICATED ARE NOMINAL OUTSIDE DIMENSIONS.
3. FILLER STRIPS ARE REQUIRED AT ENDS OF CABINETS WHERE CABINETS ARE ADJACENT TO WALLS.
4. ALL FILLER STRIPS AT TALL AND WALL CABINETS TO HAVE TOP AND BOTTOM RETURNS.
5. ALL PLAN DIMENSIONS OF CASEWORK ARE CABINET DIMENSIONS ONLY AND DO NOT INCLUDE TOPS.
6. PROVIDE FINISHED END PANELS FOR SUPPORT OF COUNTERTOPS AT UNDERCOUNTER EQUIPMENT OR KNEE SPACES WHERE THERE IS NO ADJACENT WALL OR CABINET THAT CAN BE USE FOR SUPPORT.
7. FINISH ALL EXPOSED PORTIONS OF CASEWORK AND COUNTERTOPS.
8. ALL UNITS, INCLUDING OPEN UNITS, SHALL HAVE CASEWORK MANUFACTURER'S STANDARD CABINET LINER UNLESS OTHERWISE NOTED.
9. ALL TOE SPACES SHALL BE 4" IN HEIGHT AND 3" IN DEPTH AND SHALL RETURN TO WALL WHERE ENDS OF CABINETS ARE EXPOSED.
10. ALL SHELVING SHALL BE ADJUSTABLE UNLESS OTHERWISE NOTED.
11. ALL COUNTERTOPS SHALL BE OF MAXIMUM PRACTICAL LENGTHS REQUIRED TO CONFORM TO OVERALL BASE CABINET DIMENIONS.
12. PROVIDE BACKSPLASH COUNTERTOP RETURN AT ENDS OF COUNTERTOPS WHERE ADJACENT TO WALL OR OTHER FULL HEIGHT CASEWORK.
13. ALL SINKS, SINK TRIM & ELECTRICAL ITEMS SHALL BE FURNISHED BY OTHER THAN THE CASEWORK MANUFACTURER UNLESS OTHERWISE NOTED.
14. ALL COUNTER TOPS SHALL BE PLASTIC LAMINATE UNLESS OTHERWISE NOTED.
15. ALL W.I. CASEWORK TO BE FACE FRAME MODEL.

CASEWORK NOTES | 12" = 1'-0" | 4



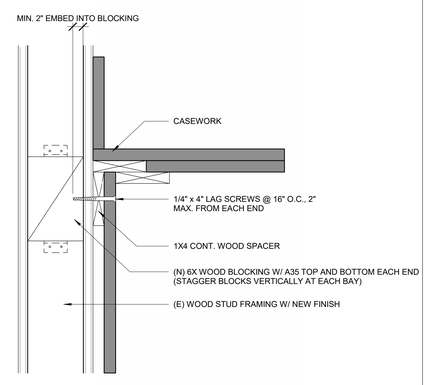
TYP. ANCHORAGE @ WOOD STUD | 3" = 1'-0" | 7



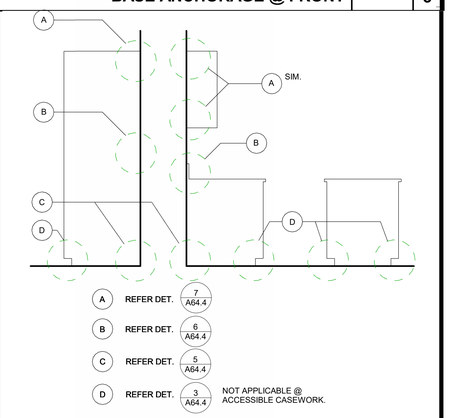
BASE ANCHORAGE @ FRONT | 3" = 1'-0" | 3



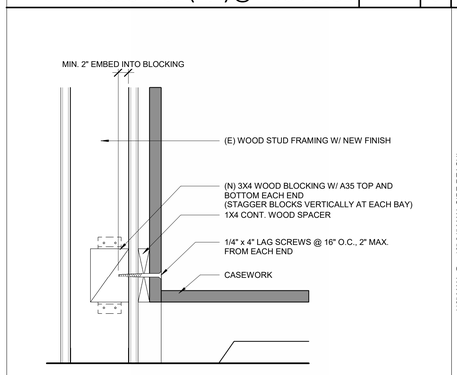
BUILT-IN CASEWORK CABINET SECTION | 1 1/2" = 1'-0" | 9



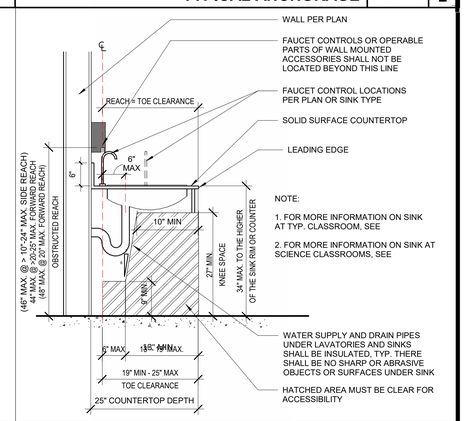
ANCHORAGE (MID) @ WOOD STUD | 3" = 1'-0" | 6



TYPICAL ANCHORAGE | 1/2" = 1'-0" | 2



ANCHORAGE (BASE) @ WOOD STUD | 3" = 1'-0" | 5



ACCESSIBLE W/ BUILT-IN SINK CASEWORK | 3/4" = 1'-0" | 1

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APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVINTH
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A64.4

CASEWORK & MISCELLANEOUS DETAILS

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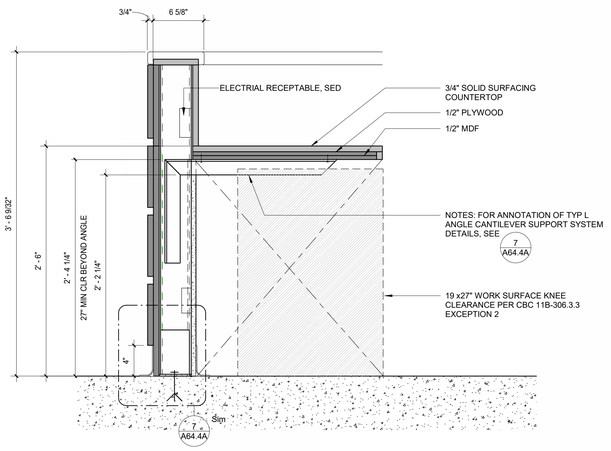
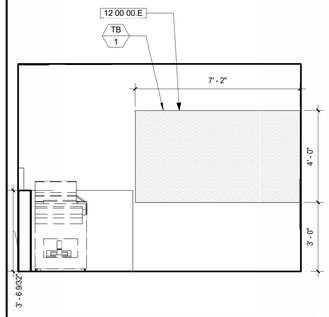
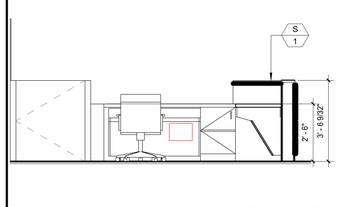


RECEPTION DESK DETAIL C | 1 1/2" = 1'-0" | 9



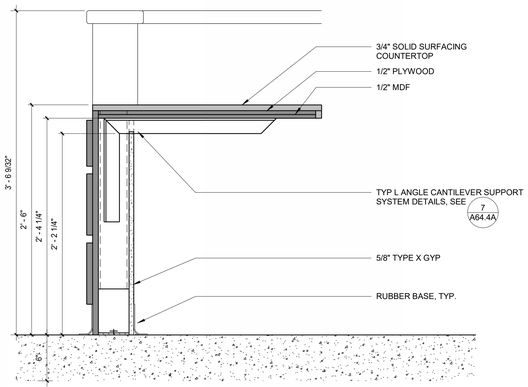
RECPT. INT ELEV 4 | 3/8" = 1'-0" | 6



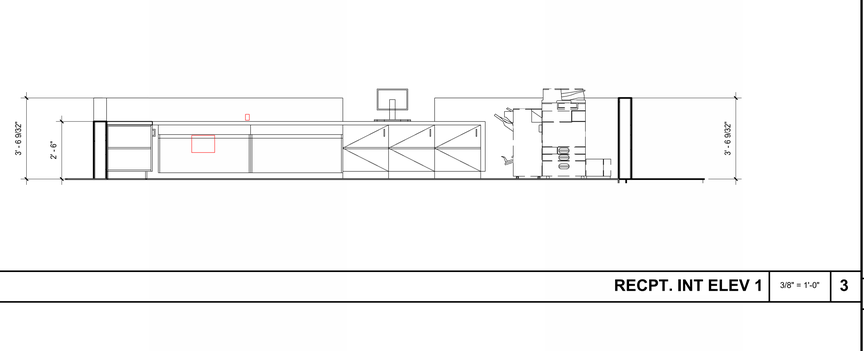
RECPT. INT ELEV 3 | 3/8" = 1'-0" | 5



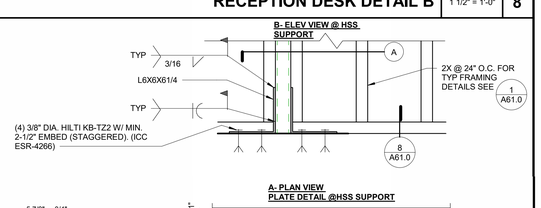
RECPT. INT ELEV 2 | 3/8" = 1'-0" | 4



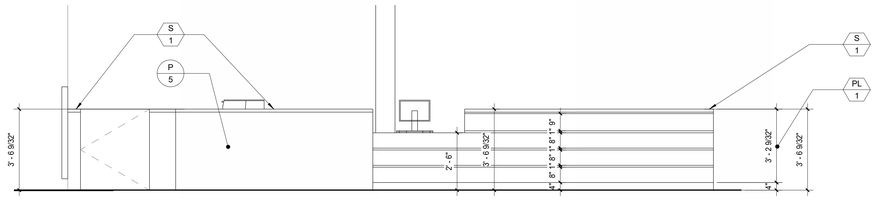
RECEPTION DESK DETAIL B | 1 1/2" = 1'-0" | 8



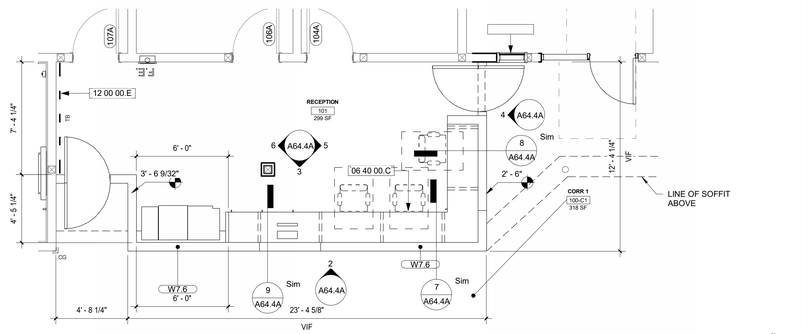
RECPT. INT ELEV 1 | 3/8" = 1'-0" | 3



RECEPTION DESK DETAIL A | 1 1/2" = 1'-0" | 7



RECEPTION DESK - INT ELEV - SOUTH 1 | 3/8" = 1'-0" | 2



ENLARGED IMPROVEMENT FLOOR - RECEPTION | 1/4" = 1'-0" | 1

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
   A. UNLESS OTHERWISE NOTED, EXISTING LIGHT FIXTURES, MECHANICAL REGISTERS AND FIRE ALARM DEVICES ARE TO BE REPLACED IN PLACE, SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFO.
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION

06 40 00.C (N) SOLID SURFACE COUNTERTOP
12 00 00.E (N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.

KEYNOTES - IMPROVEMENTS

(E) SOFFIT TO REMAIN
(E) KITCHEN - NOT CURRENTLY IN SCOPE OF WORK
(E) WOOD STUD WALL
(N) FULL HEIGHT WOOD STUD WALL
(E) SHEAR WALL
(E) 1-HR OCCUPANCY SEPARATION WALL
1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)
2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFED)
WALL TYPE ANNOTATIONS, SEE SHEET A61.1 FOR DETAILS
101 NUMBER INDICATES DOOR PER SCHEDULE, REFER TO SHEET A50.0
STOREFRONT AND WINDOW TAG, REFER TO SHEET A50.0
F.E. FIRE EXTINGUISHER CABINET PER DETAIL 4/A64.5
CG (N) ADHERED CORNERT GUARD, SEE SPECS FOR INFO
A TYPICAL FINISH TAG. REFER SHEET A50.1 FOR FINISH DETAILS
30"X48" CLR. 30"X48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
60" MIN. CLR. 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE

FLOOR PLAN GENERAL NOTES:
1. ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
2. UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
3. REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILTY REQUIREMENTS AND DIMENSIONS.
4. REFER TO ENLARGED PLANS FOR DIMENSIONS AND CALLOUTS NOT SHOWN HERE.

IMPROVEMENT FLOOR PLAN LEGEND

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OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SIMON
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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2		
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PROJECT NO: 2023-40178
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A64.4A

CASEWORK - RECEPTION DESK AREA

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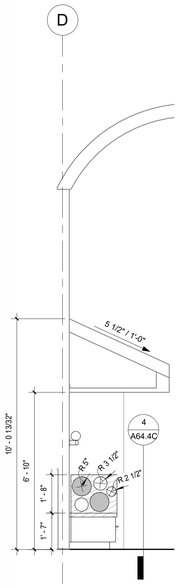
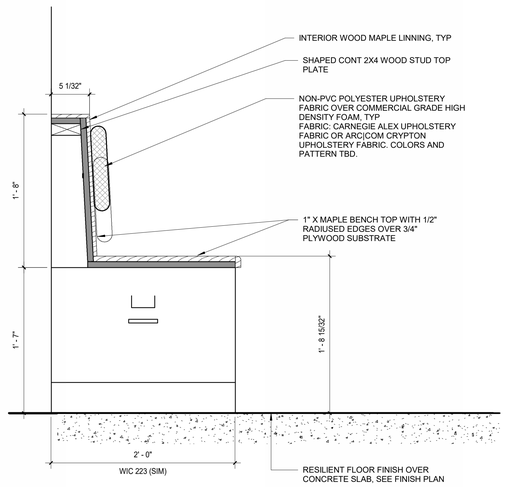
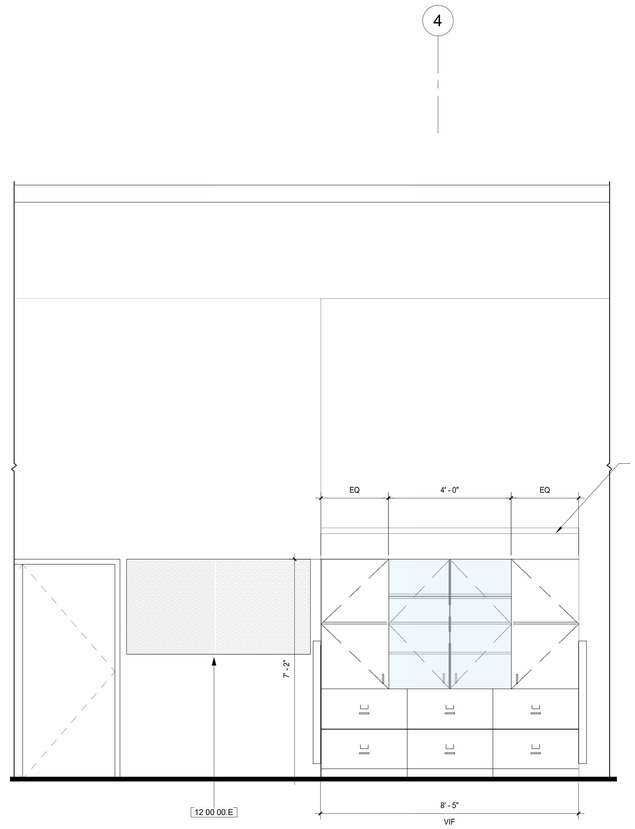


CORRIDOR NOOK SECTION A 3/8" = 1'-0" 5



CORRIDOR SEATING DETAIL SECTION 1 1/2" = 1'-0" 4



CORRIDOR NOOK BOOKCASE 1/2" = 1'-0" 3

1. SEE SHEET GEN-3 FOR TYPICAL PROJECT NOTES.
2. SEE SHEETS A60.1 FOR TYPICAL APPLICABLE CONSTRUCTION ASSEMBLY NOTES.
3. SEE SHEET A60.2 FOR TYPICAL ASSEMBLY DETAILS.
4. BUILDING EXTERIOR NOTES:
   A. ALL EXTERIOR WALLS AND BUILDING FACSCIA ELEMENTS ARE TO BE PAINTED. PREP ALL REQUIRED SURFACES FOR NEW FINISH WORK.
5. BUILDING INTERIOR NOTES:
   A. DIMENSIONS TO (E) WALLS TO REMAIN ARE BASED ON AS BUILTS AND FROM FINISH TO FINISH. GC TO VERIFY DIMENSIONS IN FIELD AND NOTIFY ARCHITECT OF ANY DESCREPANCIES.
6. PLUMBING AND ELECTRICAL:
   A. CONTRACTOR TO PROVIDE ALL TRENCH WORK REQUIRED TO INSTALL NEW UNDERGROUND PLUMBING, POWER AND DATA UTILITIES. ANY TRENCH PATH SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE LOCATION AND EXTENTS AND REVIEW WITH ARCHITECT FOR CONSTRUCTION.
7. REFLECTED CEILING PLAN
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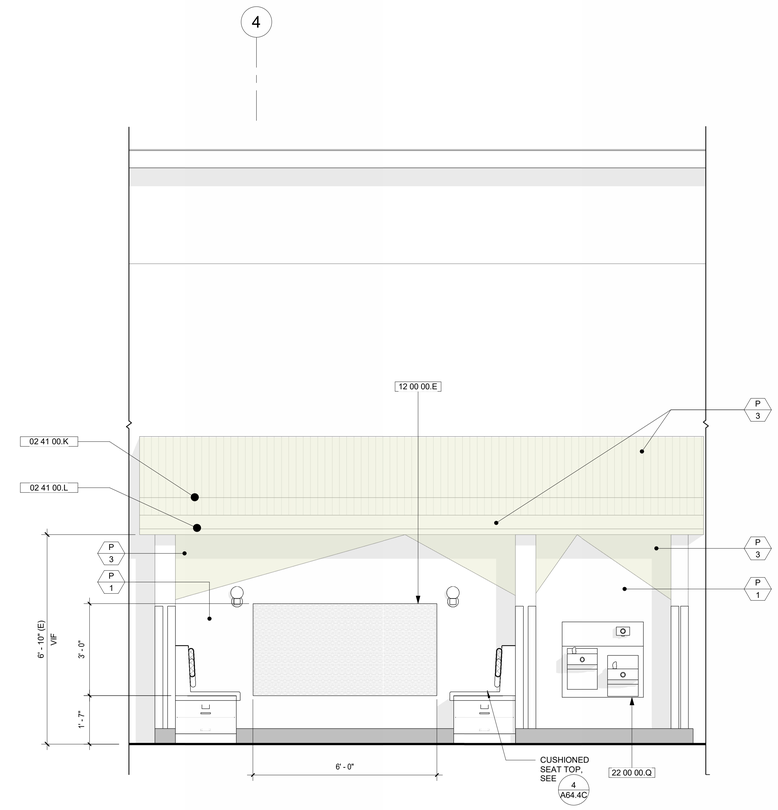
   B. SEE RCP LEGEND FOR ADDITIONAL NOTES.
8. **DSA DEMOLITION NOTE**
   A. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
9. **DEMOLITION REQUIRED FOR INSTALLATION OF ALL NEW WORK.**
   A. CONTRACTOR SHALL PROVIDE ALL DEMOLITION WORK REQUIRED TO INSTALL NEW WORK INCLUDING REMOVING OF GYP FINISH AS REQUIRED TO INSTALL BACKING, ELECTRICAL WORK. ETC. PATCH AS REQUIRED TO MATCH EXISTING OR PREP AREA FOR NEW WORK.
10. **CHAIN LINK FENCE SYSTEM**
    A. CONTRACTOR TO PROVIDE SHOP DRAWINGS LAYOUT OF ALL NEW CHAIN LINK FENCING SYSTEM IN SCOPE OF WORK WITH FIELD VERIFIED DIMENSIONS.

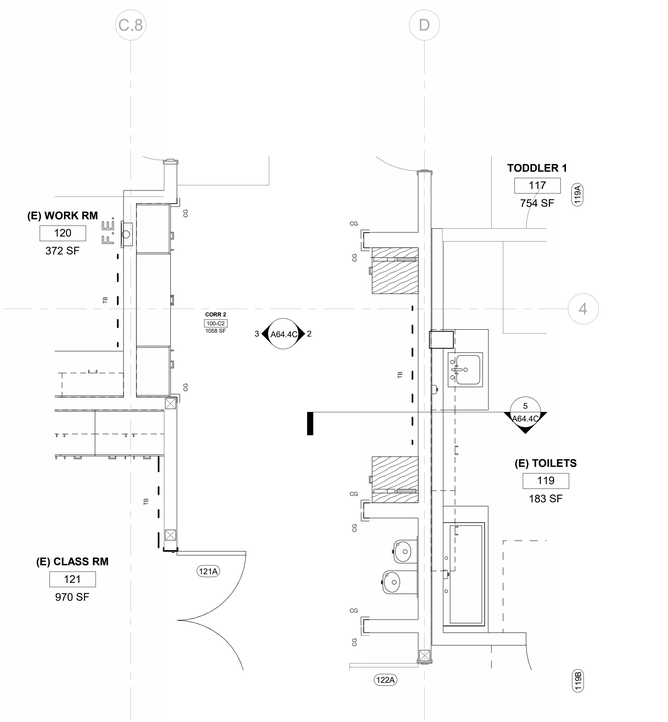
SHEET NOTES - IMPROVEMENTS

?	DESCRIPTION
02 41 00.K	(E) STANDING SEAM METAL ROOFING AND FASCIA TO BE PAINTED
02 41 00.L	(E) GYP SOFFIT TO BE PAINTED
12 00 00.E	(N) TACKBOARD. REF. DET. 2/A64.5 FOR MOUNTING DETAIL, TYP.
22 00 00.Q	(N) HI-LO DRINKING FOUNTAIN AND BOTTLE FILLING STATION, SPD; SEE 11/GEN-4 FOR MORE INFO.

KEYNOTES - IMPROVEMENTS



CORRIDOR SEATING NOOK INT ELEV 1/2" = 1'-0" 2



CORRIDOR ALCOVES PLAN 3/8" = 1'-0" 1

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APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
RENEWAL 08/31/2027
Richard M. Simon
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
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11		
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13		
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15		

PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A64.4C

CASEWORK - CORRIDOR ALCOVE

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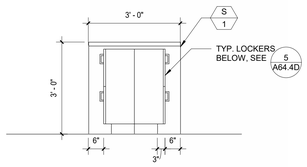
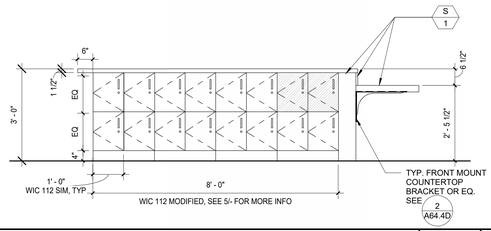
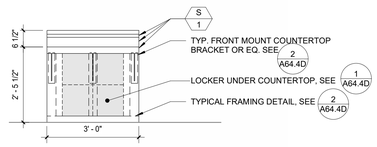


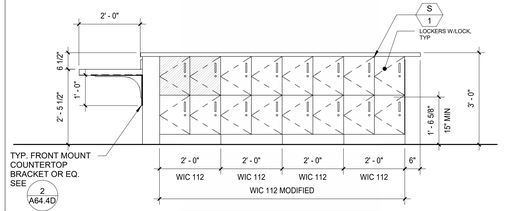
LAB PREP ISLAND WEST ELEV | 1/2" = 1'-0" | **8**



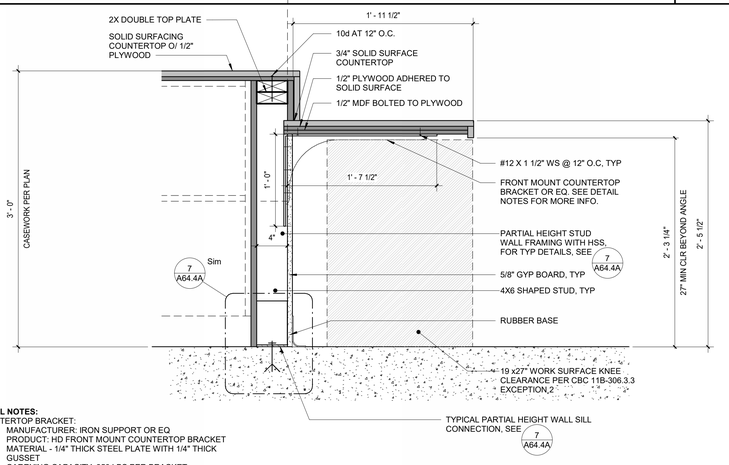
LAB PREP ISLAND SOUTH ELEV | 1/2" = 1'-0" | **7**



LAB PREP ISLAND EAST ELEV | 1/2" = 1'-0" | **6**

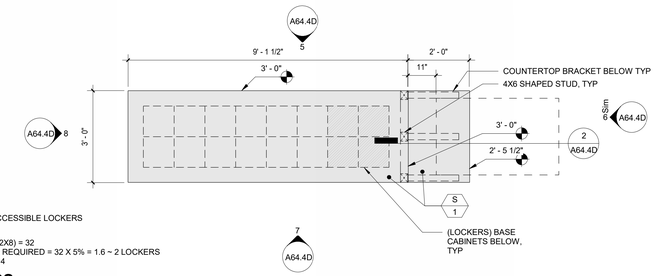


LAB PREP ISLAND NORTH ELEV | 1/2" = 1'-0" | **5**



DETAIL NOTES:
COUNTERTOP BRACKET:
1. MANUFACTURER: IRON SUPPORT OR EQ
2. PRODUCT: HD FRONT MOUNT COUNTERTOP BRACKET
3. MATERIAL - 1/4" THICK STEEL PLATE WITH 1/4" THICK GUSSET
4. CARRYING CAPACITY: 350 LBS PER BRACKET

LAB ISLAND SECTION A | 1 1/2" = 1'-0" | **2**



TOTAL # OF LOCKERS = 2X (2X8) = 32
OF ACCESSIBLE LOCKERS REQUIRED = 32 X 5% = 1.6 ~ 2 LOCKERS
OF LOCKERS PROVIDED = 4

LOCKER CALCS

LAB PREP ROOM ISLAND | 1/2" = 1'-0" | **1**

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LICENSED ARCHITECT
RICHARD M. SVINTH
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

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PROJECT NO: 2023-40178
ISSUANCE: ISSUE SET
DATE ISSUED: 2/12/26
SCALE: As indicated

A64.4D

LAB ROOM ISLAND DETAILS

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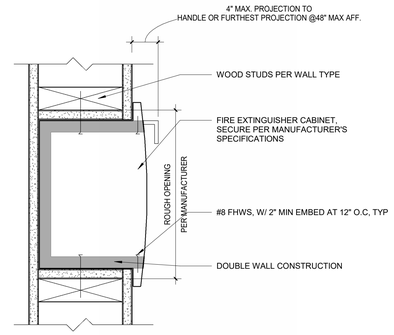
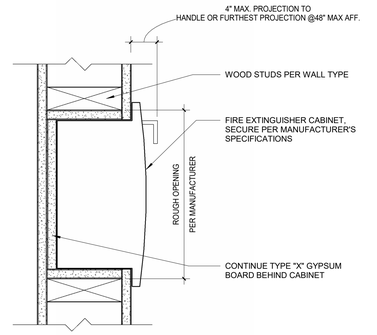
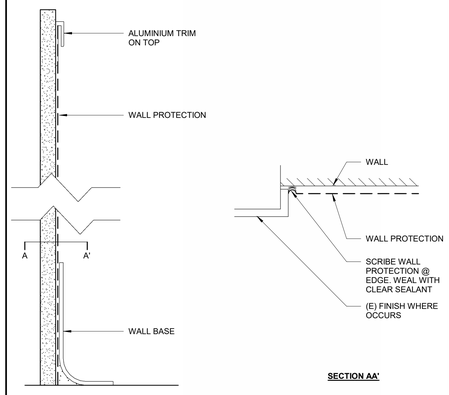


PLAN VIEW - 1HR FIRE- RATED WALL



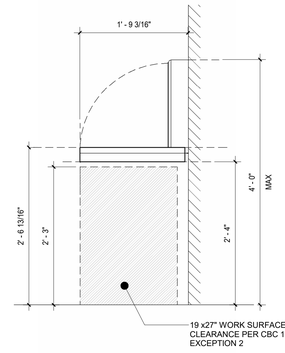
PLAN VIEW - NON- RATED WALL

FIRE EXITINGUISHER CABINET - SEMI-RECESSED | 3" = 1'-0" | 4

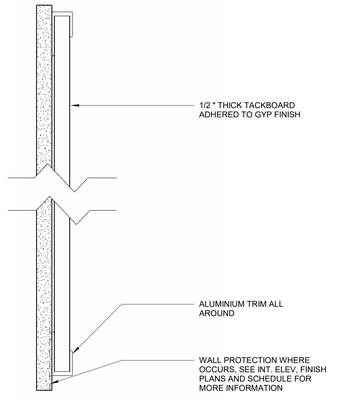


SECTION AA'

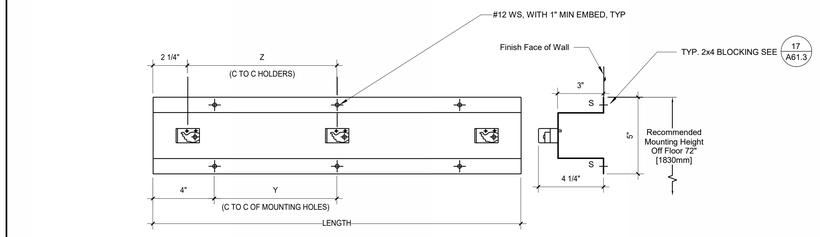
WAINSCOTTING DETAIL | 6" = 1'-0" | 8



BABY CHANGING TABLE | 1" = 1'-0" | 7



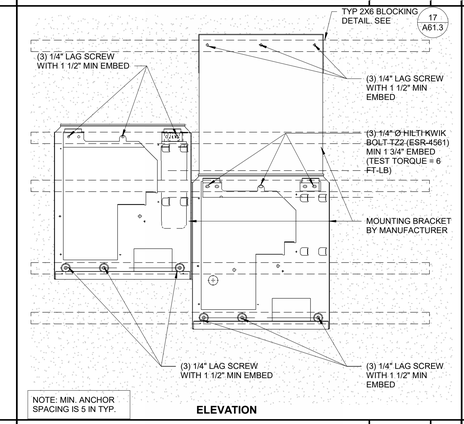
TACKBOARD MOUNTING DETAIL | 6" = 1'-0" | 3



STANDARD STOCK SIZES

Model No.	Length Holders	No. of Mtg. Holes	Dim. Y	No. of	Dim. Z
B-223 x 24	24"[610mm]	3	8"[205mm]	6	9-3/4"[250mm]
B-223 x 36	36"[915mm]	4	14"[355mm]	6	10-1/2"[265mm]

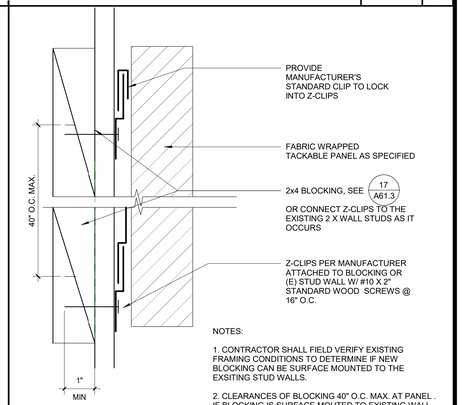
MOP/BROOM HOLDER | 3" = 1'-0" | 10



NOTE: MIN. ANCHOR SPACING IS 5 IN TYP.

ELEVATION

DRINKING FOUNTAIN MOUNTING DETAIL | 1 1/2" = 1'-0" | 6

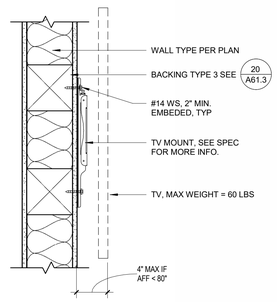


NOTES:

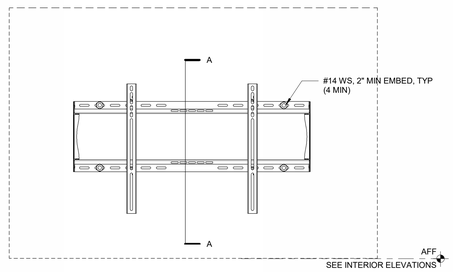
1. CONTRACTOR SHALL FIELD VERIFY EXISTING FRAMING CONDITIONS TO DETERMINE IF NEW BLOCKING CAN BE SURFACE MOUNTED TO THE EXSITING STUD WALLS.

2. CLEARANCES OF BLOCKING 40" O.C. MAX. AT PANEL . IF BLOCKING IS SURFACE MOUTED TO EXISTING WALL

ACOUSTIC PANEL ANCHORAGE | 6" = 1'-0" | 2

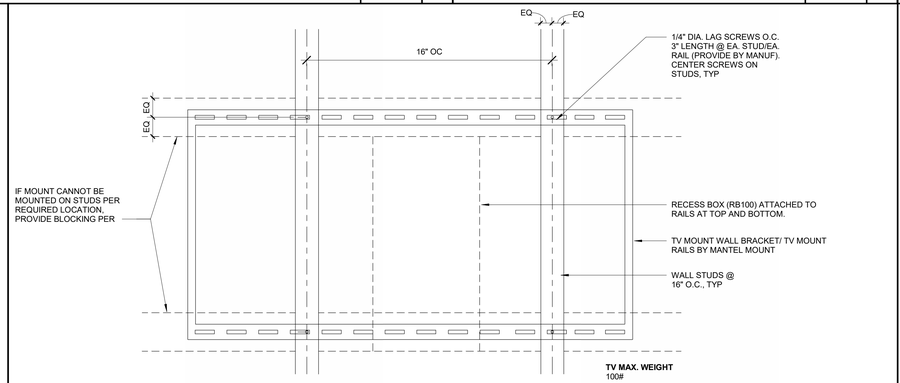


SECTION AA

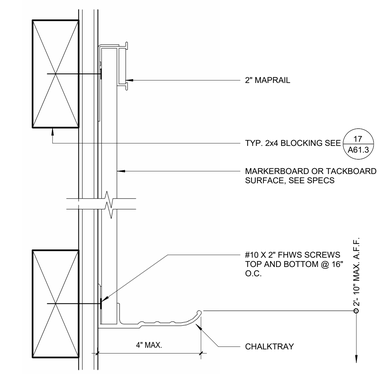


ELEVATION

ANCHORAGE DTL - TV MOUNT BRACKET | 1 1/2" = 1'-0" | 11



TV MOUNT- ELEVATION | 3" = 1'-0" | 5



FIXED MARKERBOARD DETAIL | 6" = 1'-0" | 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

LICENSED ARCHITECT
ROBERT M. SVINTH
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO:	2023-40178
ISSUANCE:	ISSUE SET
DATE ISSUED:	2/12/26
SCALE:	As indicated

A64.5

MISCELLANEOUS DETAILS

SVA ARCHITECTS

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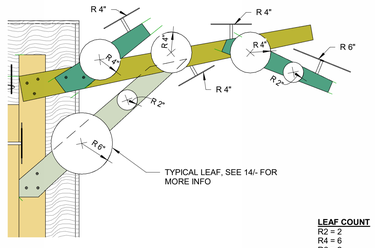
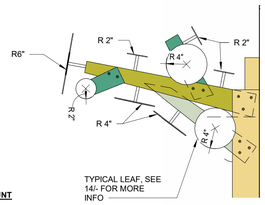


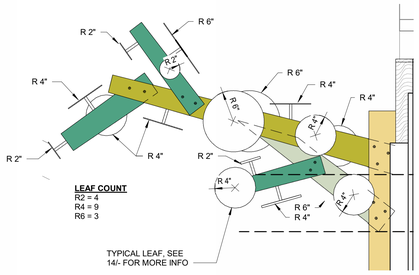
LEAF COUNT
R2 = 2
R4 = 6
R6 = 2

TREE TRUNK/BRANCH 1 - WITH LEAVES | 1" = 1'-0" | 20



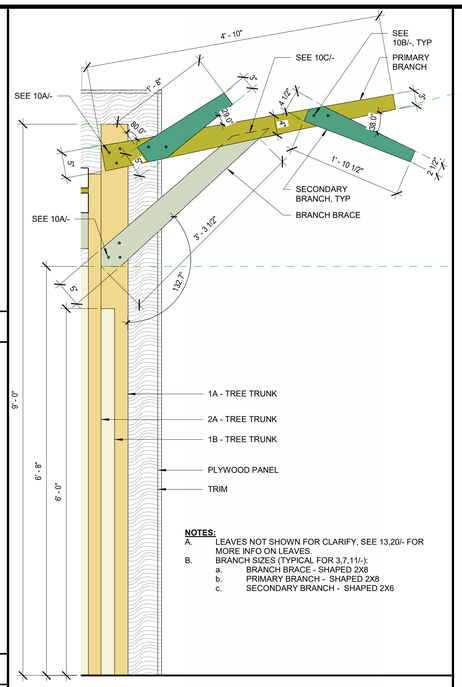
LEAF COUNT
R2 = 5
R4 = 4
R6 = 2

TREE TRUNK/BRANCH 2 - WITH LEAVES | 1" = 1'-0" | 16



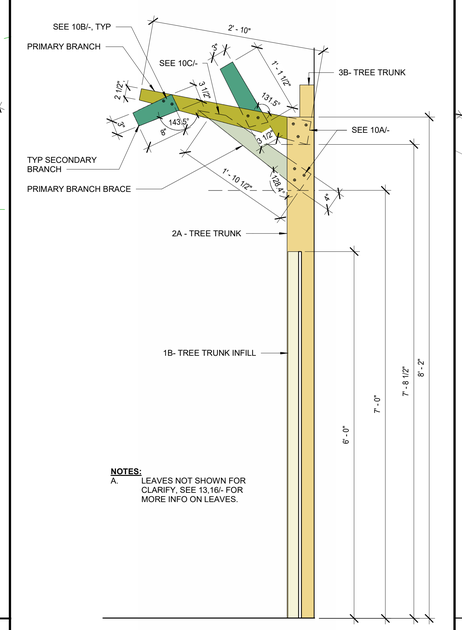
LEAF COUNT
R2 = 4
R4 = 9
R6 = 3

TREE TRUNK/BRANCH 3 - WITH LEAVES | 1" = 1'-0" | 15



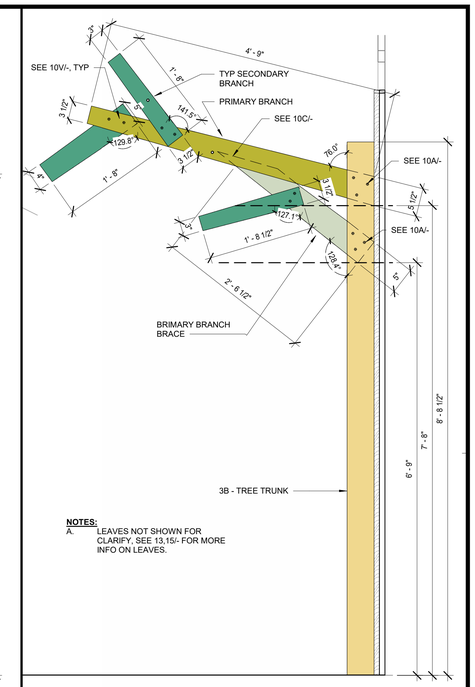
NOTES:
A. LEAVES NOT SHOWN FOR CLARIFY, SEE 13,20/- FOR MORE INFO ON LEAVES.
B. BRANCH SIZES (TYPICAL FOR 3,7,11/-):
a. BRANCH BRACE - SHAPED 2X8
b. PRIMARY BRANCH - SHAPED 2X8
c. SECONDARY BRANCH - SHAPED 2X6

TREE TRUNK/BRANCH 1 | 1" = 1'-0" | 11



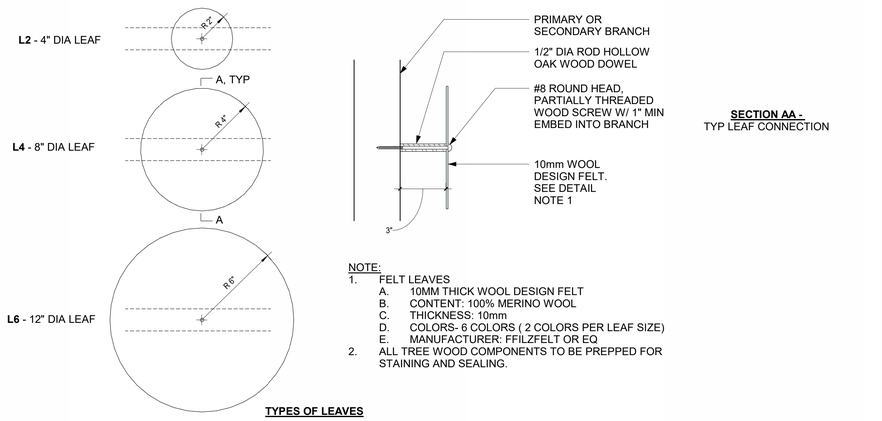
NOTES:
A. LEAVES NOT SHOWN FOR CLARIFY, SEE 13,16/- FOR MORE INFO ON LEAVES.

TREE TRUNK/BRANCH 2 | 1" = 1'-0" | 7



NOTES:
A. LEAVES NOT SHOWN FOR CLARIFY, SEE 13,15/- FOR MORE INFO ON LEAVES.

TREE TRUNK/BRANCH 3 | 1" = 1'-0" | 3

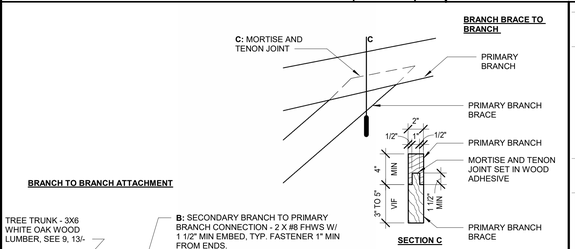


SECTION AA -
TYP LEAF CONNECTION

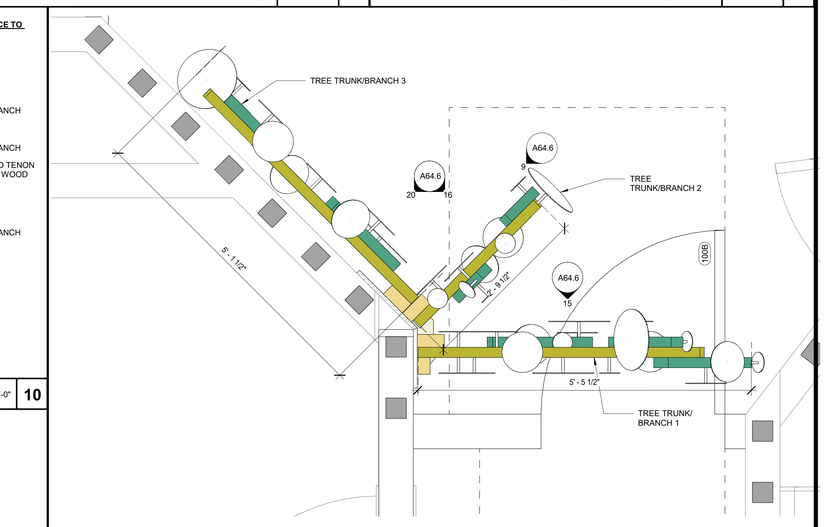
NOTE:
1. FELT LEAVES
   A. 10MM THICK WOOL DESIGN FELT
   B. CONTENT: 100% MERINO WOOL
   C. THICKNESS: 10mm
   D. COLORS- 6 COLORS (2 COLORS PER LEAF SIZE)
   E. MANUFACTURER: FFILZFELT OR EQ
2. ALL TREE WOOD COMPONENTS TO BE PREPPED FOR STAINING AND SEALING.

TYPES OF LEAVES

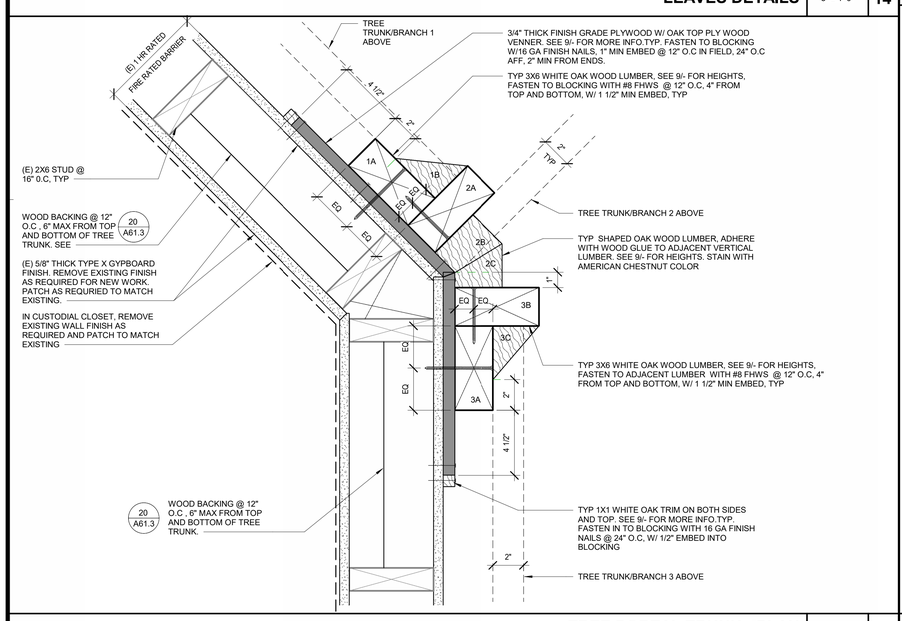
LEAVES DETAILS | 3" = 1'-0" | 14



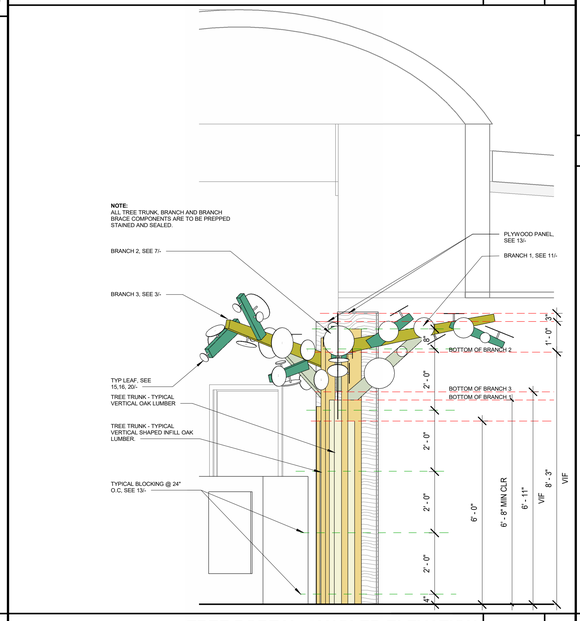
TREE BRANCH ATTACHMENT DETAILS | 1 1/2" = 1'-0" | 10



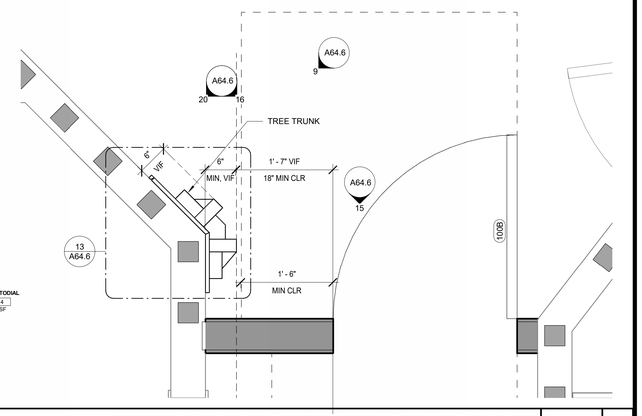
ENLR FLOOR PLAN - TREE PORTAL TRUNK - @ 10' AFF | 1" = 1'-0" | 2



TREE PORTAL TRUNK - PLAN | 3" = 1'-0" | 13



TREE PORTAL - ANGLED ELEVATION | 1/2" = 1'-0" | 9



ENLR FLOOR PLAN - TREE PORTAL TRUNK - @ 4' AFF | 1" = 1'-0" | 1

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALTERATIONS

CLIENT ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

LICENSED ARCHITECT
Robert M. Simon
No. C-18301
Jan 31, 2027
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
DATE ISSUED: 2/12/26
SCALE: As indicated

A64.6

MISCELLANEOUS DETAILS - TREE PORTAL

SVA ARCHITECTS
2030 FRANKLIN ST, SUITE 210 OAKLAND, CA 94612
T 510.267.3180 WWW.SVA-ARCHITECTS.COM

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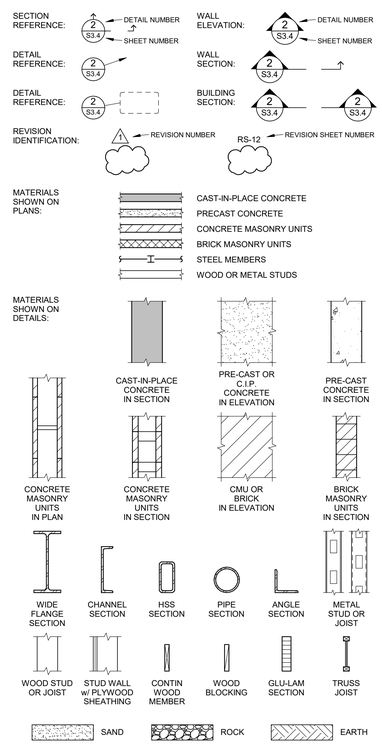
CHABOT COLLEGE
EARLY CHILDHOOD LABORATORY

25555 HESPERIAN BLVD
HAYWARD, CA 94545

ABBREVIATIONS

A.B.	Anchor Bolt	GALV	Galvanized	REINF	Reinforcing
ACI	American Concrete Institute	G.B.	Grade Beam	REQD	Required
A.D.	Area Drain	GLB	Glued Laminated Beam	REV	Revision
ADDL	Additional	GLC	Glued Laminated Column	RF	Roof
ADJ	Adjacent	GR	Grade	RM	Room
A.F.F.	Above Finish Floor	GYP	Gypsum	R.O.	Rough Opening
AISC	American Institute of Steel Construction				
ALT	Alternate	HDR	Header	S	Section Modulus
APPROX	Approximately	HGR	Hanger	S.A.D.	See Architectural Drawings
ARCH	Architect or Architectural	HK	Hook	S.C.D.	See Civil Drawings
ASPH	Asphalt	HORIZ	Horizontal	SCHED	Schedule
ASTM	American Society for Testing and Materials	H.P.	High Point	S.E.D.	See Electrical Drawings
A.C.	Asphaltic Concrete, Air Condition	H.R.	Hard Rock	SF	Square Feet
		HSS	Hollow Structural Section	SHT	Sheet
BAL	Balance	HT	Height	SHTG	Sheathing
B.L.	Bottom Lower			SIM	Similar
BLDG	Building	I	Moment of Inertia	S.J.	Shrinkage Joint, Seismic Joint or Slip Joint
BLK	Block	I.D.	Inside Diameter	S.L.D.	See Landscape Drawings
BLKG	Blocking	I.F.	Inside Face	S.M.D.	See Mechanical Drawings
BM	Beam	INFO	Information	S.M.F.	Special Moment Frames
B.O.	Bottom of	INSUL	Insulation	S.M.S.	Sheet Metal Screw
BOT	Bottom	INT	Interior	S.O.G.	Slab On Grade
B.P.	Break Point			SP	Space or Spacing
BRD	Board	JST	Joist	S.P.D.	See Plumbing Drawings
BRG	Bearing	JT	Joint	SPEC	Specification
BRKT	Bracket			SQ.	Square
BTWN	Between	KIPS	1000 Pounds	S.S.D.	See Structural Drawings
B.U.	Bottom Upper	KSF	KIPS Per Square Foot	STAGG	Staggered
				STD	Standard
C	Channel	L	Angle	STIFF	Stiffener
CBC	California Building Code	LBS	Pounds	STL	Steel
C.I.P.	Cast In Place	LL	Live Load	STRUCT	Structural
C.J.	Construction or Control Joint	LLH	Long Leg Horizontal	SYM	Symmetric
CLG	Ceiling	LLV	Long Leg Vertical		
CL	Center Line	LONGIT	Longitudinal	T & B	Top and Bottom
CLR	Clear	L.P.	Low Point	T & G	Tongue and Groove
CMU	Concrete Masonry Unit	L.S.	Low Shrinkage	T.B.	Tie Beam
COL	Column	LSL	Laminated Strand Lumber	THK	Thick
CONC	Concrete	LT	Light	THRU	Through
CONN	Connection	LVL	Laminated Veneer Lumber	T.L.	Top Lower
CONSTR	Construction	LTWT	Light Weight	T.O.	Top Of
CONTIN	Continuous			T.O.T.S.	Top of Topping Slab
C.J.P.	Complete Joint Penetration	MACH	Machine	T.O. CONC	Top of Concrete
CTR	Center	MAS	Masonry	T.O. PAR	Top of Parapet
CTRD	Centered	MATL	Material	T.O. PLY	Top of Plywood
CTRSNK	Countersink	MAX	Maximum	T.O. PL	Top of Plate
		M.B.	Machine Bolt	T.O. SLAB	Top of Slab
d	Penny weight	MC	Miscellaneous Channel	T.O. STL	Top of Steel
DBL	Double	M.D.	Mid-depth	TRANS	Transverse
DEPR	Depression	MECH	Mechanical	TS	Tube Steel
D.F.	Douglas Fir	M.F.	Moment Frame	T.U.	Top Upper
DIA or	Diameter	MFR	Manufacturer	TYP	Typical
DIAG	Diagonal	MIN	Minimum		
DIM	Dimension	MISC	Miscellaneous	UBC	Uniform Building Code
DL	Dead Load	MTL	Metal	U.N.O.	Unless Noted Otherwise
DN	Down				
do	Ditto	(N)	New	V.B.	Vapor Barrier
D.W.F.	Deformed Wire Fabric	N.A.	Not Applicable	VENT	Ventilation
DWG	Drawing	N.I.C.	Not In Contract	VERT	Vertical
		NO.	Number	V.I.F.	Verify In Field
(E)	Existing	N.P.	No Profile		
EA.	Each	N.S.	Near Side	W	Wide Flange
E.F.	Each Face	N.T.S.	Not To Scale	w/	With
E.J.	Expansion Joint			w/o	Without
EL	Elevation	o.c.	On Center	WD	Wood
ELEC	Electrical	O.D.	Outside Diameter	WF	Wide Flange
ELEV	Elevator	O.F.	Outside Face	W.P.	Work Point
EMBED	Embedment	O.H.	Opposite Hand	W.P.J.	Weakened Plane Joint
E.N.	Edge Nail	OPNG	Opening	WT	Weight or Structural T
ENCL	Enclosure	OPP.	Opposite	W.W.F.	Welded Wire Fabric
ENGR	Engineer	OSB	Oriented Strand Board		
E.O.	Edge of	O.W.S.G.	Open Web Steel Girder		
E.O. MAS	Edge of Masonry	O.W.S.J.	Open Web Steel Joist		
E.O. PL	Edge of Plate				
E.O. SLAB	Edge of Slab	PAR	Parapet		
EQ	Equal	PC	Piece		
EQPT	Equipment	P/C	Precast		
E.W.	Each Way	PCF	Pound per Cubic Foot		
EXP	Expansion	P.D.F.	Powder Driven Fastener		
EXT	Exterior	P.D.P.	Powder Driven Pin		
		PL	Property Line or Plate		
F.D.	Floor Drain	PLF	Pounds per Linear Foot		
FDN	Foundation	PLY	Plywood		
F.F.	Finish Floor	PLYWD	Plywood		
FIN	Finish	P.J.P.	Partial Joint Penetration		
FLR	Floor	PSF	Pounds per Square Foot		
F.O.	Face of	PSI	Pounds per Square Inch		
F.O. CONC	Face of Concrete	PSL	Parallel Strand Lumber		
F.O. MAS	Face of Masonry	P/T	Post-Tensioned		
F.O. STUD	Face of Stud	P.T.	Pressure Treated		
FRMG	Framing	P.T.D.F.	Pressure Treated Douglas Fir		
F.S.	Far Side				
FT	Foot or Feet	R	Radius		
FTG	Footing	R.D.	Roof Drain		
		RDWD	Redwood		
GA	Gage	REF	Reference		

SYMBOLS



SHEET INDEX

#	TITLE	DSA SUBMITTAL	PLAN CHECK RESPONSE 1
S0.01	TITLE PAGE	√	√
S1.01	GENERAL NOTES	√	√
S2.01	FOUNDATION PLAN	√	√
S3.01	DETAILS	√	√

ISSUE LOG KEY
' √ ' ISSUED AS PART OF A SET
' — ' NOT A PART OF ISSUED SET
' * ' ISSUED FOR INFORMATION ONLY
' o ' PREVIOUSLY SUBMITTED FOR PLAN CHECK & PROVIDED FOR INFORMATION ONLY

ISSUE LOG

DATE	08-05-2025	11-24-2025

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB
BUILDING (BLDG. 3500) & PLAY
YARD ALT.

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REVISIONS:

	DESCRIPTION	DATE
1		02/12/26

PROJECT NO: 2500084.00

ISSUANCE:

DATE ISSUED: 08-05-2025

SCALE: NONE

S0.01

TITLE PAGE

REGISTERED PROFESSIONAL ENGINEER
DAVID J. ROSSI
No. 4127
STRUCTURAL
STATE OF CALIFORNIA

24 NOV 2025
DATE SIGNED

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San Francisco, CA 94105
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GENERAL NOTES

GENERAL

Dimensions refer to rough concrete surfaces, face of studs, face of concrete block, top of sheathing, or top of slab, unless otherwise indicated. The Contractor shall verify all dimensions prior to the start of construction. The Architect shall be notified of any discrepancies or inconsistencies.

All drawings are considered to be a part of the contract documents. The Contractor shall be responsible for the review and coordination of all drawings and specifications prior to the start of construction. Any discrepancies that occur shall be brought to the attention of the Architect prior to the start of construction so that a clarification can be issued. Any work performed in conflict with the contract documents or any code requirements shall be corrected by the Contractor at their own expense and at no expense to the owner or Architect.

Notes and details on the structural drawings shall take precedence over general notes and typical details. Where no details are given, construction shall be as shown for similar work.

All work shall conform to the minimum standards of the following codes:

2022 California Building Code, which comprises Title 24, Part 2 of the California Code of Regulations, as adopted by the California Building Standards Commission referred to here as "The California Building Code, 2022 Edition" or "the code", and any other regulating agencies which have authority over any portion of the work, including the State of California Division of Industrial Safety, and those additional codes and standards including, but not limited to, the following incorporated codes listed below, and in these structural notes and specifications.

Aluminum Association: ADM-2020, Aluminum Design Manual

American Society of Civil Engineers: ASCE 7-16 with Supplement 1, Minimum Design Loads for Buildings and Other Structures including Supplement No. 1 and 2

American Concrete Institute (ACI): ACI 318-19 Bldg. Code Requirements for Structural Concrete and Requirements for Structural Concrete and Commentary

American Institute of Steel Construction (AISC): AISC 360-16 Specification for Structural Steel Buildings

American Institute of Steel Construction (AISC): Steel Construction Manual 15th Edition

American Iron and Steel Institute (AISI): AISI S100-16(2020) w/ S2-20 North American Specification for the Design of Cold-formed Steel Structural Members, 2016 Edition (Reaffirmed 2020) with Supplement 2, 2020 Edition

American Welding Society: AWS D1.1:2020 Structural Welding Code - Steel

American Wood Council (AWC): NDS-2018 National Design Specification (NDS) for Wood Construction with 2018 Supplement

American Wood Council (AWC): SDPWS-2021 Special Design Provisions for Wind and Seismic

International Existing Building Code (IEBC): IEBC-21

ASTM specifications on the structural drawings shall be of the latest version, unless otherwise noted.

Refer to the architectural drawings for the following:

Dimensions not shown on the structural drawings.
Size and location of all floor and roof openings, except as noted.
Size and location of all interior and exterior non-bearing partitions.
Size and location of all door and window openings, except as noted.
Size and location of inserts for cladding or ornamentation.
Size and location of all concrete curbs, equipment pads, pits, floor drains, slopes, depressed areas, change in level, chamfers, grooves, inserts, etc.
Floor and roof finishes.

Refer to the mechanical, plumbing, and electrical drawings for the following:

Pipe runs, sleeves, hangers, trenches, wall and slab openings, etc., except as noted.
Electrical conduit runs, boxes, and outlets in walls and slabs.
Concrete inserts for electrical, mechanical, or plumbing fixtures.
Size and location of machine or equipment bases or anchor bolts for motor mounts.

The contract structural drawings and specifications represent the finished structure. They do not indicate the method of construction. The Contractor shall provide all measures necessary to protect the structure during construction. Such measures shall include, but not be limited to, bracing and shoring for loads due to construction equipment, etc. Observation visits to the site by the Engineer shall not include inspection of the aforementioned items.

Contractor shall investigate the site, during clearing and earthwork operations, for filled excavations or buried structures, such as cesspools, cisterns, foundations, etc. If any such structures are found, the Engineer shall be notified immediately.

Openings, pockets, etc., larger than 6" shall not be placed in concrete slabs, decks, or walls, unless specifically detailed on the structural drawings. Notify the Engineer when drawings by others show openings, pockets, etc., larger than 6" not shown on the structural drawings, but which are located in structural members. For any further restrictions on openings in structural elements, see applicable sections below.

Construction material shall be spread out if placed on framed roof or floor. Load shall not exceed the design live load per square foot. Provide adequate shoring and/or bracing where the structure has not attained the design strength.

Specifications and detailing of all waterproofing and drainage items, although sometimes indicated on the structural drawings for general information purposes only, are solely the design responsibility of others.

Shop drawings, special inspections, and material sampling and testing, when required, are specified in their respective tables in the general notes and in the specifications.

DESIGN

Design conforms to the California Building Code, 2022 Edition.

Wind Analysis:

Basic wind speed, V_{3S}	(CBC Figure 1609.3)	V_{ULT} =	92 mph
Exposure	(CBC Section 1609.4.3)	=	C
Internal Pressure Coefficient, GC_{Pi}	(ASCE Table 26.13-1)	GC_{Pi} =	±0.18

Components and cladding design wind pressures at allowable stress levels

Interior Wall Condition (psf): +15/-16
Corner Wall Condition (psf): +16/-20

(+) Pressures indicate pressure towards wall
(-) Pressures indicate pressure away from wall
Corner conditions - extent of wall from building corner as defined by ASCE

Seismic Analysis:

Seismic Importance Factor, I	(ASCE Table 1.5-2)	I =	1.0
Risk Category	(CBC Table 1604.5)	=	II
Site Location, Latitude	37.63958°		
Site Location, Longitude	-122.10636°		
Spectra Accel., Short Period, S_S	(CBC Figure 1613.2.1(1)&(2))	S_S =	1.847 g
Spectra Accel., Long Period, S_1	(CBC Figure 1613.2.1(3)&(4))	S_1 =	0.704 g
Site Classification	(CBC Section 1613A.2.2)	=	D - Default
Design Response, Short Period, S_{DS}	(CBC Section 1613A.2.4)	S_{DS} =	1.478 g
Design Response, Long Period, S_{D1}	(CBC Section 1613A.2.4)	S_{D1} =	N/A
Seismic Design Category	(CBC Section 1613A.2.5)	=	D
Lateral System (ASCE Table 12.2-1)	Bearing Wall System, Light-Frame Wood Walls w/ Wood Structural Panel Shear Wall		
Response Modification Factor	R = 6.5		
System Overstrength Factor	Ω_0 = 3		
Deflection Amplification Factor	C_d = 4		

EXISTING CONSTRUCTION

Existing construction shown on the structural drawings was obtained from existing structural drawings "Chabot College Child Care Development Center" by Rozzano Associates, Inc., dated January 10, 1994. The Contractor shall verify all existing conditions and shall notify the Architect of all exceptions before proceeding with the work.

The removal, cutting, drilling, etc. of existing work shall be performed with great care and small tools in order not to jeopardize the structural integrity of the building. If existing structural members that are not indicated for removal interfere with the new work, the Engineer shall be notified immediately, and approval obtained, before removal of the existing members.

The Contractor shall safely shore existing construction wherever existing supports are removed to allow installation of the new work. The existing construction shall be connected and/or embedded into the new construction as shown or specified.

REINFORCING STEEL

Reinforcing Steel detailing, fabrication, and placement shall conform to the "California Building Code," Chapter 19; the "Manual of Standard Practice of the Concrete Reinforcing Steel Institute," latest edition; and the "Building Code Requirements for Structural Concrete and Commentary," ACI 318-19; unless otherwise noted.

Standards:
Reinforcing steel shall conform to the following standards:

Deformed Bars, #3	ASTM A615, Grade 40
Deformed Bars, #4 and larger	ASTM A615, Grade 60
Spiral Reinforcement, deformed	ASTM A615
Epoxy Coated Reinforcing, when specified by Engineer	ASTM A775 and A615

Placing: All steel reinforcement shall be securely tied in place so as to maintain their exact position before and during the placement of concrete. Reinforcing steel shall be securely tied in place with #16 annealed iron wire. Bars in beams and slabs shall be supported on well-cured concrete blocks or approved plastic tipped metal chairs, as specified by CRSI Manual of Standard Practice, MSP-1. Accessories for epoxy-coated reinforcing, where shown on plans, shall be as noted in the Specifications. Wire fabric in slabs shall be securely fastened to supporting devices to maintain their position during concrete placement.

Clear distances, steel to forms, unless noted otherwise:

Slabs not exposed to weather, joists, interior wall surfaces	3/4"
Exterior wall surfaces, slabs exposed to weather, #5 and smaller	1-1/2"
Exterior wall surfaces, slabs exposed to weather, #6 and larger	2"
Column Ties, Beam Ties	1-1/2"
Clear distance between bars	2"
Slabs on rolled grade	1-1/2"
Formed surfaces in contact with earth	2"
Unformed surfaces in contact with earth	3"

Shop drawings shall be submitted to the Architect for review prior to fabrication. Shop drawings shall include elevations of all beams and columns showing bar and lap locations. See Shop Drawing Submittal Requirements elsewhere in General Notes. Submit mill certificates for reinforcing steel prior to rebar placement.

CONCRETE WORK

Forms shall be properly constructed conforming to concrete surfaces as shown on the drawings, sufficiently tight to prevent leakage, sufficiently strong, and braced to maintain their shape and alignment until no longer needed to support the concrete. Forms for exposed concrete shall be plywood, using sheets as large as possible, with all joints tightly fitted and blocked, and shall produce a finished concrete surface which is smooth, true, and free from blemishes according to accepted standards for architectural concrete.

Refer to architectural, electrical, and mechanical drawings for details at door and window openings, floor type hinges, etc., and for location of sleeves, pipes, and other embedded items. Openings through slabs or walls not shown on the structural drawings which would interrupt reinforcing bars shall not be made without approval of the Architect.

Debris should be entirely removed from forms prior to concrete placement.

Horizontal construction joints shall be located as shown on the structural drawings, and the hardened concrete surfaces shall be cleaned by sand-blasting or other approved means to expose firmly embedded aggregates prior to pouring additional concrete in contact with these surfaces. Vertical construction joints through beams or slabs shall be located only as shown on structural drawings.

Forms and shoring shall not be removed until the concrete has attained sufficient strength to withstand all loads to be imposed without excessive stress, creep, or deflection. See specifications for shoring requirements.

Concrete shall be ready mixed conforming to ASTM C94. Cement shall be Portland Cement Type II, conforming to ASTM C150. All hardrock (H.R.) concrete used in suspended slabs and slabs on grade shall be designed for low shrinkage (L.S.). Acceptable coarse aggregates for low shrinkage concrete include Kaiser Clayton, Granite Rock, Limestone, Sechelt, or Orcas aggregates. Fine aggregates acceptable for low shrinkage concrete include Sechelt, Orcas, or Granite Rock sands. Alternative aggregates may be submitted provided they provide a concrete mix with a shrinkage limitation of 0.040% after 28 days of drying. Submit test data to Architect for review.

Use maximum size aggregate as noted below.

Use 3/8" maximum aggregate where necessary for proper placing, such as in thin or congested sections, etc. Superplasticizers may be used to improve workability in thin or congested sections. Incorporate superplasticizers into concrete mix designs.

Admixtures used in concrete shall conform to the following ASTM standards, shall be used in dosages recommended by the manufacturer, and shall not contain more chloride than is found in the municipal drinking water supply. Liquid volume in ASTM C494, Type C admixtures shall be added to water content and water cement ratio calculations.

Water Reducers	ASTM C494, Type A
Mid-range Water Reducers	ASTM C494, Type A/F
High-range water reducers	ASTM C494, Type F
Hydration stabilizers (Retarders)	ASTM C494, Type B and D
Accelerators	ASTM C494, Type C
Air Entraining Agents	ASTM C260
Corrosion Inhibitors	ASTM C494, Type C
Shrinkage Reducing Admixtures	ASTM C494, Type F
Viscosity Modifying Admixtures	ASTM C494, Type S
Silica Fume	ASTM C1240
Crystalline Waterproofing	No ASTM standard
Post-Industrial, Recycled CO_2	ASTM C494, Type S

Cementitious Material (CM) content includes all cement and Supplemental Cementitious Materials (SCM).

Contractor shall submit for review of the Architect the concrete mixes proposed for use, designed by the concrete supplier and reviewed by an approved testing laboratory.

Concrete shall have the following characteristics:

Concrete Location	Max Aggregate		Strength @ 28 days (psi)	Min Slump[1] (in)	Min CM Content (Sacks)	Max Water Content[1] (gals)	Max Water/ Cement Ratio	Flyash Content Min, Max (%)
Slab on Grade & Curbs	1"x#4	HR-LS	3000	3.5	5.0	33	0.45	15,25

NOTES:
[1] Slump shall be the minimum consistent with proper placing. Achieve slump with water reducing admixtures(ASTM C-494 Type A, F, or A/F) for desired workability.

Pipes other than electrical conduits shall not be embedded in structural concrete except where specifically approved by the Engineer. Electrical conduits embedded in concrete shall not exceed 1-1/4" O.D., without approval of the Engineer.

Sleeves, when installed in concrete, shall be spaced with one sleeve diameter (larger sleeve) clear between adjacent sleeves, rebar, or 1 inch, whichever is greater. Sleeves may not touch rebar or other support hardware. Provide clearance between sleeves and reinforcing for typical slab edge conditions. Added trim reinforcement is required per the typical slab opening detail when sleeves exceed 12" diameter or are placed in groups where the out-to-out dimension exceeds 12" in any direction. Sleeve placement shall not interfere with the rebar placement without the approval of the Engineer.

The Contractor shall inform the Architect at least 3 days prior to pouring any structural concrete so that the Architect may have the opportunity of reviewing the work prior to concrete placement.

All concrete except slabs on grade 6" thick or less shall be mechanically vibrated so as to completely fill the forms without causing undue segregation.

For 28 day strengths and 4" diameter x 8" long cylinders:
5 test cylinders from each 50 yards, or fraction thereof, poured in any one day, shall be secured and tested by an independent testing agency; one to be tested at 7 days for information, three at 28 days for acceptance, and hold one in reserve.

The Contractor shall remove and replace any concrete which fails to attain specified strength in 28/56 days if so directed by the Architect. Any defects in the hardened concrete shall be satisfactorily repaired or the hardened concrete shall be replaced.

ROUGHENED SURFACE

Roughened Surface, where noted on Drawings shall be a surface intentionally roughened to 1/4" amplitude with exposed aggregates. Apply spray-applied concrete retarder after initial set of concrete in areas specified to have roughened surfaces. Remove concrete paste from concrete surface with high pressure water stream. Keys are not required at locations of roughened surfaces. Raked surfaces shall not be used as roughened surfaces.

STRUCTURAL STEEL AND MISCELLANEOUS IRON

Structural Steel and Miscellaneous Metal shall be detailed, fabricated, and erected in accordance with AISC 325. Fabricators and Erectors shall be AISC Certified.

Standards:
All Structural Steel shall conform to the following ASTM designations, U.N.O.

Steel Pipe	A53, Grade B (Fy = 35 ksi)
HSS Round	A500, Grade C (Fy = 50 ksi)
HSS Rectangular and Square	A500, Grade C (Fy = 50 ksi)
Angles, C-Shapes, MC-Shapes	A572 Grade 50
Other Steel Plates and Bars	A572 Grade 50

Unless otherwise shown or noted stiffener plates shall be 3/8" thick minimum.

All structural steel surfaces that are encased in concrete, masonry, spray on fireproofing, or are encased by building finishes shall be left unpainted except as required for designation of protected zones, unless noted otherwise.

All steel elements exposed to weather shall be galvanized, galvanize according to ASTM A123, hot dip process.

Erection clips, temporary bracing, and shoring required by the Contractor are not shown. Contractor shall comply with all OSHA requirements.

Additional miscellaneous metal items such as embeds, railings, and supports for interior finishes may be shown on drawings prepared by others, see architectural drawings.

Shop drawings shall be submitted to the architect for review prior to fabrication.

The testing agency shall send copies of Structural Testing and Inspection Reports directly to the Engineer of Record.

Bolted Connections:

Unless otherwise noted, all steel to steel bolted connections shall be bolted with high strength bolts per the "Specification for Structural Joints Using High Strength Bolts", by the Research Council on Structural Connections (RCSC).

1. Unless otherwise noted, bolts in connections shall be bearing type with threads excluded from the shear plane using ASTM F3125 Grade A325 bolts unless specifically noted otherwise. All bolts in bearing type connections may be snug tightened per RCSC.
2. Steel washers shall conform to ASTM F436 or F959. Nuts shall conform to ASTM A563.
3. Unless noted otherwise, anchor bolts and/or anchor rods shall conform to ASTM F1554 Grade 36.
4. Other bolted connections shall be bolted with unfinished bolts according to ASTM A307.

Welded Connections:

All welded connections shall be welded in accordance with the "Structural Welding Code - Steel (AWS-D1.1). All welding shall be done with electrodes having a minimum tensile strength of 70 ksi, unless noted otherwise. Shielded metal arc welding (SMAW) electrodes shall be low-hydrogen type. Unless otherwise noted.

1. All welders shall be qualified in accordance with AWS D1.1 for all welds they will be performing.
2. The weld lengths called for on the structural drawings are the net effective length required. Where fillet weld symbol is given without indication of size, use the minimum size welds as specified in AISC 360, Section J2.2b.
3. All welding shall be performed in conformance with a written welding procedure specification (WPS). Submit all WPS's applicable to the project for review listing specific electrodes to be used. The submittal shall include an index of all procedures, shall identify the actual electrode to be used for each procedure, and shall include electrode data sheets describing the products, the limitations of use, the recommended welding parameters, and storage and exposure requirements. For WPS's that are not pre-qualified per AWS D1.1, submit procedure qualification record with WPS.
4. Run-off tabs per AWS D1.1 are required for Complete Joint Penetration (C.J.P.) groove welds. All welds are to be started and completed on the run-off tabs as much as practicable. Do not end welds at cope hole locations. Use of weld dams is not allowed.
5. The minimum preheat and interpass temperatures of AWS D.1 Section 3.5 must be followed.
6. All C.J.P. groove welds in members and connections shall be made with a filler metal having a minimum Charpy V-Notch toughness of 20 FT-LBS at 40 degrees F as determined by AWS classification or manufacturer's certification.
7. All Butt welds are complete joint penetration welds.
8. Complete penetration welds and partial penetration welds shall be examined by Ultrasonic Testing. All testing and inspection shall conform to CBC requirements. Refer to the specifications for additional information.

CARPENTRY

Framing lumber shall meet the following minimum standard except where otherwise noted:

USE		SPECIES	GRADE	AUTHORITY
Mudsills	2 x 4	D.F.	Standard or Better Pressure Treated	CBC Sec. 2303.1.9
	2 x 6 and larger	D.F.	No. 2 or Better Pressure Treated	CBC Sec. 2303.1.9
Plywood		A.P.A. Grade Marked	CC Exterior or CD Exposure 1	CBC Sec. 2303.1.5 & DOC PS1 & PS2
OSB		A.P.A. Grade Marked	Exterior or CD Exposure 1	CBC Sec. 2303.1.5 & DOC PS1 & PS2
Horizontal framing member:				
4 x 4 and smaller		D.F.	No. 2	WCLIB & WWPA
2 x roof joists and rafters		D.F.	No. 2	WCLIB & WWPA
2 x floor joists		D.F.	No. 2	WCLIB & WWPA
4 x header and beams		D.F.	No. 2	WCLIB & WWPA
6 x 6 and larger		D.F.	No. 1	WCLIB & WWPA
Vertical framing lumber:				
2 x 4 & 3 x 4 studs		D.F.	Stud	WCLIB & WWPA
2 x 6 & 2 x 8 studs		D.F.	No. 2	WCLIB & WWPA
4 x 4 & 4 x 6 posts		D.F.	No. 2	WCLIB & WWPA
4 x 8 & larger posts		D.F.	No. 1	WCLIB & WWPA
6 x 6 & larger posts		D.F.	No. 1	WCLIB & WWPA
All other framing lumber, U.N.O.		D.F.	Standard & Better	WCLIB & WWPA

Solid sawn joists shall be grade stamped "S-DRY" which indicates a moisture content not exceeding 19 percent.

Stud walls shown on plans are nonbearing partitions walls, bearing walls or shear walls below the framing level, unless noted otherwise. Studs shall be size and spacing as noted in the drawings, see plans, schedules, and architectural drawings. Where not noted otherwise, stud walls shall be 2 x 4 at 16"o.c.

Minimum framing nailing shall conform to CBC Table 2304.10.2. All nails shall be common wire nails. Predrill nail holes to 70% of nail shank diameter where nailing tends to split wood.

Unless otherwise noted, all wood sill plates under exterior or shear walls in contact with concrete or masonry shall be bolted to the concrete or masonry with 5/8" diameter x 12" bolts at 4'-0"o.c. beginning at 9"o.c. maximum from each end of the plates. The bolts shall extend a minimum of 7" into the concrete or masonry.

All lumber in contact with concrete shall be pressure treated lumber with AWPA treatment C2 using either Alkaline Copper Quaternary (ACQ type B and D), Copper Azole (CBA-A, CA-B), or Sodium Borates (SBX). Anchor bolts, fasteners, and Metal framing connectors in contact with pressure treated lumber shall be hot-dipped galvanized to a rating of G-185 per ASTM A653.

Provide 2 studs, each end, under all 4 x 10 and larger beams or headers at spans larger than 5 feet, unless otherwise noted. Where posts or multiple studs under beams or headers are called for on drawings those posts or multiple studs shall be carried to the foundation.

At solid sawn joist provide the following as a minimum, unless shown otherwise:
2" x full depth solid blocking between joists over support.
2" x full depth solid blocking between joists over and below partition walls.

CARPENTRY (Continued)

Bridging shall be 2 x solid blocking or approved metal bridging, installed as follows:
Roof joists more than 8" depth, 8'-0"o.c. maximum, not more than 8'-0" from support.
Floor joists more than 8" depth, 8'-0"o.c. maximum, not more than 8'-0" from support.

Joist hangers and other metal framing accessories are referred to on plans by particular type as manufactured by Simpson Strong-Tie Company, Stockton, California. Accessories of other manufacturer with equivalent load carrying characteristics may be used.

Fire stopping, backing for interior finishes, nonbearing walls, and other non-structural framing are not necessarily shown on structural drawings.

Wall Sheathing

Plywood sheathing shall be 1/2" (15/32" Performance Category), Ident Index 16/0

Sheathing Installation - Plywood roof and floor sheathing shall be laid with the grain of the outer plies perpendicular to the framing members, shall be continuous over 2 joist bays minimum and end joints shall be staggered. Plywood or OSB Wall sheathing shall be applied vertically.

NOTE: For panelized roof systems only, with 1/2" or 5/8" Structural I, Identification Index 32/16 plywood, sheathing shall be laid with the grain of the outer plies parallel to framing members.

Unless otherwise noted, plywood or OSB sheathing nails shall be common. Equivalent pneumatically driven nails or staples may be used if fastener manufacturer has received ICC approval according to ESR-1539, or equal. Fasteners to be substituted shall be equivalent in lateral and withdrawal strength to the size of common nail specified.

Use of machine nailing is subject to a satisfactory jobsite demonstration for each project and the approval by the project architect or structural engineer. The approval is subject to continued satisfactory performance. If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.

Typical nailing shall be 10d at 6"o.c. at all supported edges and over shear walls, and 10d at 12"o.c. at all intermediate supports, unless otherwise noted, see plans.

Wall Sheathing - All walls that are designated thus ------- on plans shall be sheathed with plywood or OSB sheathing. Block all unsupported edges of sheathing. For Fire Retardant Treated requirements see architectural drawings and Fire Retardant Treated section above.

Typical nailing shall be 10d at 4"o.c. at all edges, and 10d at 12"o.c. at all intermediate supports, unless otherwise noted, see plans.

Plywood or OSB sheathed walls, denoted with a -- symbol, are designated as shear walls and shall be nailed as per the Shear Wall Nailing Schedule.

HIGH STRENGTH SCREW ANCHORS

High-Strength Screw Anchors shall be Hilti HU-EZ as manufactured by HILTI, Inc. (ICC Evaluation Report ESR-3027) or approved equal with a current ICC report. All drilled holes shall be sized according to the manufacturer's recommendations.

Minimum screw anchor embedment shall be indicated on the drawings. Minimum embedment indicated on the drawings is the minimum effective embedment unless otherwise indicated.

The following criteria apply for the acceptance of installed anchors:

EPOXY FOR CONCRETE

Epoxy shall be HIT-HY 200 V3 as manufactured by Hilti, Inc. (ICC Evaluation Report ESR-4868) or approved equal with a current ICC report. All drilled holes shall be sized according to the manufacturer's recommendations.

POST-INSTALLED ANCHOR TESTING

The Owner's testing agency shall perform tension load tests on anchors and dowels installed in hardened concrete. L.V.P.s are not required to be tested. Refer to the tables below for test load values.

Post-installed anchors used for structural applications shall be tested at a frequency of 100%. Anchors used for nonstructural applications such as equipment anchorage shall be tested at a frequency of 50% or alternate bolts in a group including at least one half the anchors in each group. If any anchor fails testing, all anchors of the same type shall be tested, which are installed by the same trade, not previously tested until 20 consecutive anchors pass, then resume initial testing frequency.

The Owner's testing agency shall develop and utilize an effective method of field marking locations of passed and failed anchor tests.

Test equipment including torque wrenches are to be calibrated by an approved testing laboratory in accordance with the standard recognized procedures.

The following criteria apply for the acceptance of installed anchors:

TORQUE WRENCH METHOD:

The applicable test torque must be reached within the following limits. For wedge or sleeve type anchors: one-half turn of the nut. For 3/8 inch sleeve type anchors and all screw anchors: one-quarter turn of the nut.

If the manufacturer's recommended installation torque is less than the test torque noted in the table, the manufacturer's recommended installation torque should be used in lieu of the tabulated values.

SCREW ANCHOR TESTING REQUIREMENTS (ICC REPORT ESR-3027)

NORMAL WEIGHT CRACKED CONCRETE SLAB - CARBON STEEL ANCHOR					
ANCHOR DIAMETER (INCHES)	EMBED DEPTH (INCHES)	MIN CONC THICKNESS (INCHES)	TORQUE TEST LOAD (LBS)	MIN. REQUIRED EDGE DISTANCE (INCHES)	MIN. REQUIRED SPACING (INCHES)
5/8	6	9.5	85	4	3

MATERIAL SAMPLING, TESTING, AND SPECIAL INSPECTIONS

See DSA Form 103-22 for material sampling, testing, and special inspection requirements.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE
PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALT.
ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REVISIONS:

	DESCRIPTION	DATE
1		02/12/26

PROJECT NO: 2500084.00
ISSUANCE:
DATE ISSUED: 08-05-2025
SCALE: NONE

S1.01

GENERAL NOTES

REGISTERED PROFESSIONAL ENGINEER
DAVID J. ROSS
No. 41737
STRUCTURAL
STATE OF CALIFORNIA
24 NOV 2025
DATE SIGNED

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San Francisco, CA 94105
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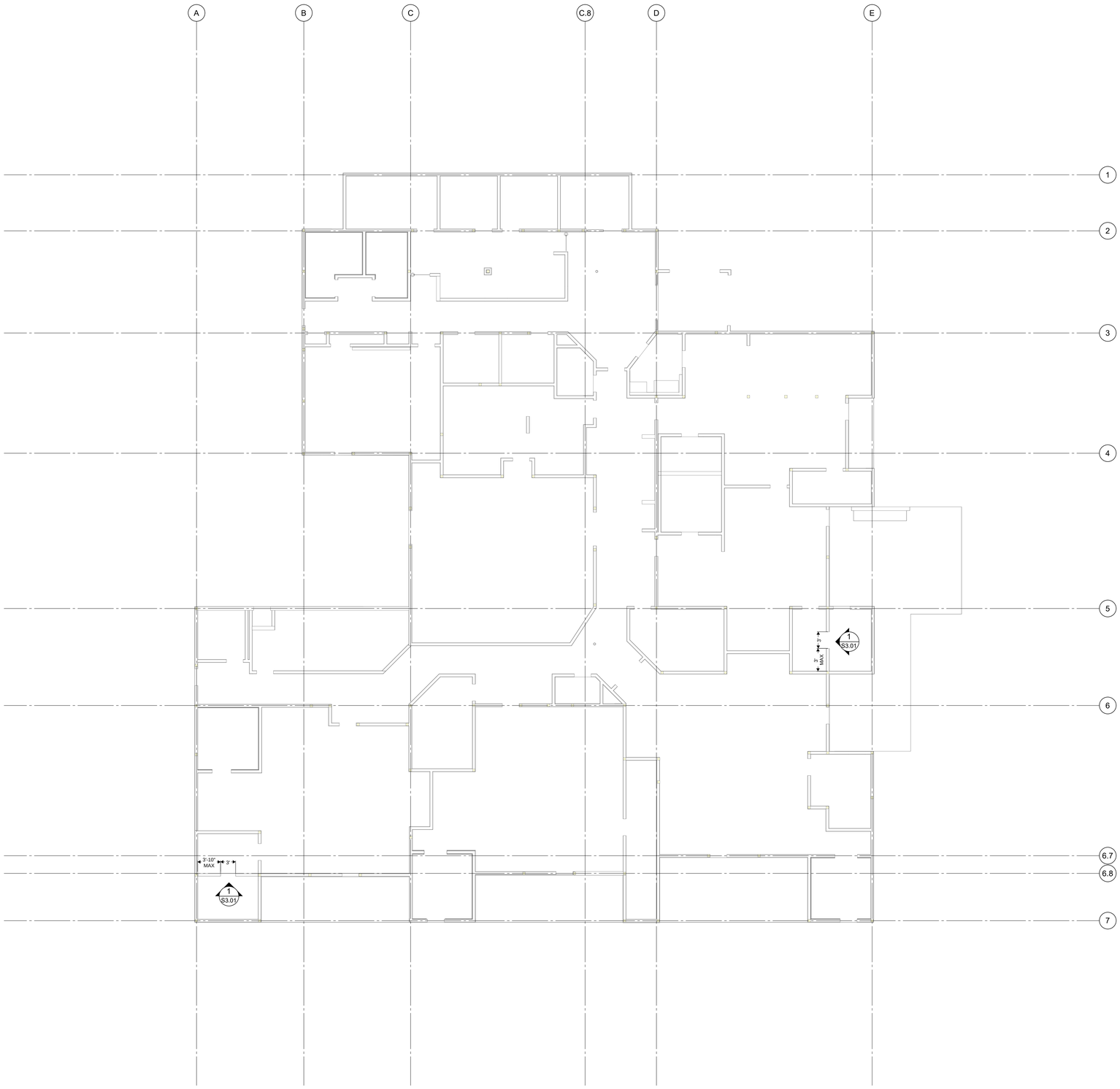

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1		02/12/26

PROJECT NO: 2500084.00

ISSUANCE:

DATE ISSUED: 08-05-2025

SCALE: 1/8" = 1'-0"

S2.01

FOUNDATION PLAN

REGISTERED PROFESSIONAL ENGINEER
DAVID J. ROSSI
No. 41727
STRUCTURAL
STATE OF CALIFORNIA

24 NOV 2025
DATE SIGNED

kpff
71 Stevenson Street, Suite 1800
San Francisco, CA 94105
415.989.1004 | kpff.com

SEOR Contact:
david.rossi@kpff.com
Day-to-Day Contact:
brian.biehl@kpff.com

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SD | DD | CD

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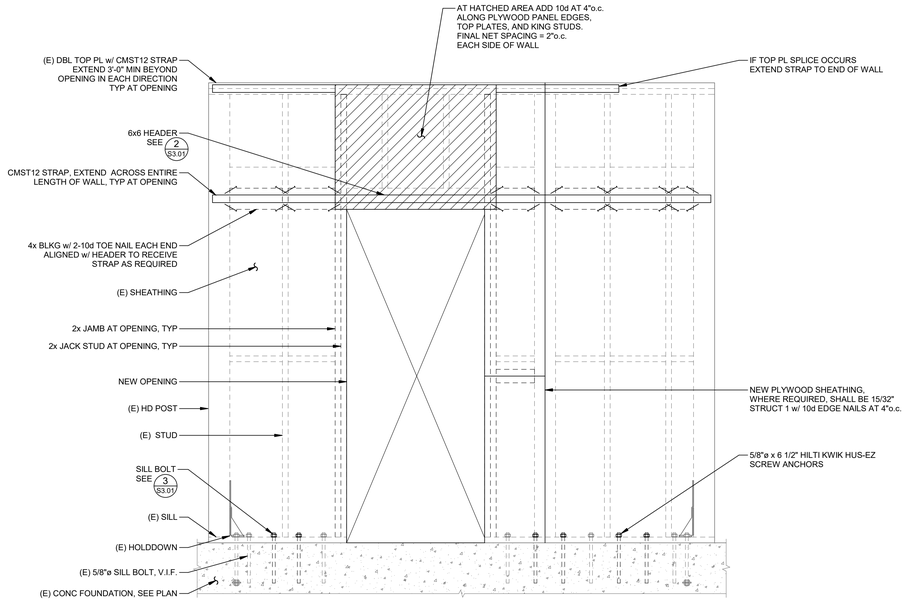
Autodesk Docs://2500084-00 CHABOT COLLEGE ECL/2500084-00-Chabot_College_ECL-KPFF-R2023.rvt

FOUNDATION PLAN

SCALE: 1/8" = 1'-0"
KPFF
1
S2.01

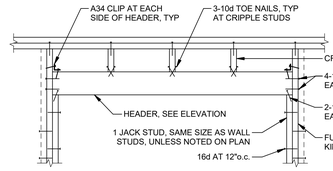


NOTES:

1. AT ALL ANCHOR BOLT LOCATIONS, PROVIDE SIMPSON BPS/8 BEARING PLATES, SEE 3/S3.01
2. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED SILL PLATES SHALL BE GALVANIZED
3. PROVIDE 3/8" MINIMUM EDGE DISTANCE AT EDGE NAILING
4. FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL NOT BE LESS THAN A SINGLE 3" NOMINAL MEMBER AND NAILS SHALL BE STAGGERED
5. 10d AT 12"o.c. ALONG ALL INTERMEDIATE FRAMING MEMBERS
6. PREDRILL NAIL & SCREW HOLES TO PREVENT SPLITTING OF FRAMING AS REQUIRED AND STAGGER FASTENERS
7. REMOVE SHEATHING FROM ONE SIDE OF WALL AS REQUIRED TO INSTALL BLOCKING
8. WHERE EXISTING SILL BOLTS OCCUR, ADD BOLTS AS REQUIRED TO SATISFY SILL BOLT SPACING OF 8"o.c.

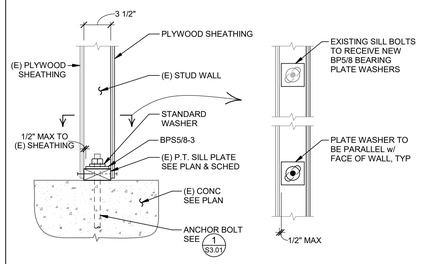
ELEVATION

SCALE: 3/4" = 1'-0" | 1 | KPFF PROJ S3.01



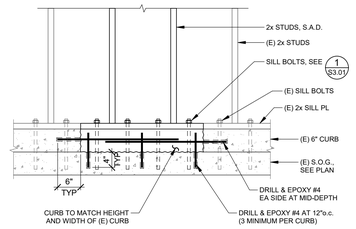
DETAIL

SCALE: NONE | 2 | KPFF TYP S3.01



DETAIL

SCALE: NONE | 3 | KPFF TYP S3.01



DETAIL

SCALE: 3/4" = 1'-0" | 4 | KPFF PROJ S3.01

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: EARLY CHILDHOOD LAB BUILDING (BLDG. 3500) & PLAY YARD ALT.

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REVISIONS:

	DESCRIPTION	DATE
1		02/12/26
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

PROJECT NO: 2500084.00

ISSUANCE:

DATE ISSUED: 08-05-2025

SCALE: As indicated

S3.01

DETAILS

REGISTERED PROFESSIONAL ENGINEER
DAVID J. ROSS
No. 4127
ESTRUCTURAL
STATE OF CALIFORNIA

24 NOV 2025
DATE SIGNED

kpff
71 Stevenson Street, Suite 1800
San Francisco, CA 94105
415.989.1004 | kpff.com

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david.ross@kpff.com
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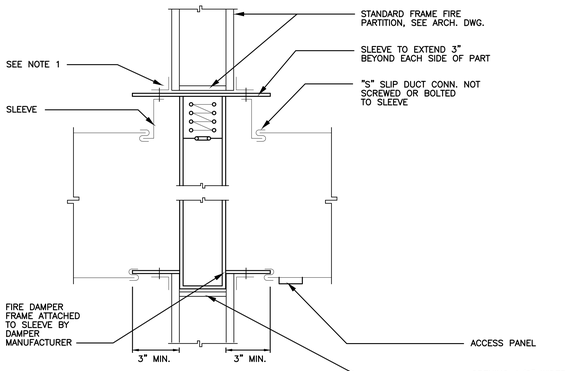
Autodesk Docs://2500084-00 CHABOT COLLEGE ECL/2500084-00-Chabot_College_ECL_KPFF-R2023.rvt

DIFFUSERS, GRILLES AND REGISTERS

SYMBOL	MANUFACTURER /MODEL	AREA SERVED	FACE SIZE	TYPE	MOUNTING	NOTES
A	TITUS PSS	VARIOUS	24"X24"	SUPPLY DIFFUSER	T-BAR CEILING	PERFORATED FACE CEILING SUPPLY DIFFUSER, FLUSH FACE, STAR PATTERN. MATCH EXISTING FOR FINISHES.
B	TITUS PSS	VARIOUS	12"X12"	SUPPLY DIFFUSER	T-BAR CEILING	PERFORATED FACE CEILING SUPPLY DIFFUSER, FLUSH FACE, STAR PATTERN. MATCH EXISTING FOR FINISHES.
C	TITUS PAR-AA	VARIOUS	24"X24"	RETURN GRILLE	T-BAR CEILING	PERFORATED FACE CEILING SUPPLY DIFFUSER, FLUSH FACE, STAR PATTERN. MATCH EXISTING FOR FINISHES.
D	TITUS PAR-AA	VARIOUS	12"X12"	RETURN GRILLE	T-BAR CEILING	SQUARE PERFORATED DIFFUSER, ALUMINUM, FLUSH FACE. MATCH EXISTING FOR FINISHES.
E	TITUS FL-10	VARIOUS	3 LINEAR FT	SUPPLY REGISTER	CEILING	LINEAR SUPPLY DIFFUSER, (2) 1" SLOTS, 35 CFM/FT. PROVIDE WITH BOOT FROM LINEAR SLOT DIFFUSER MANUFACTURER.
F	TITUS MLR-37	VARIOUS	3 LINEAR FT	RETURN GRILLE	CEILING	LINEAR SLOT RETURN, (2) 1" SLOTS, 50 CFM/FT. PROVIDE WITH BOOT FROM LINEAR SLOT RETURN MANUFACTURER.

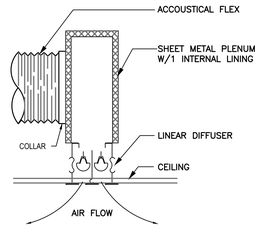


NOTE

A. ANGLES ALL AROUND SLEEVE ON BOTH SIDES OF PARTITION. WELDED OR BOLTED TO SLEEVE WITH 1" FILLETS AT 5" O.C. MAXIMUM. ANGLES ARE NOT ATTACHED TO WALL TO PROVIDE FOR EXPANSION. IN NO CASE SHALL ANGLE OVERLAP WALL FRAMING LESS THAN 1". SEE MANUFACTURER'S REQUIREMENTS FOR SIZE AND GAUGE OF ANGLES. REFER TO FIRE MARSHAL REQUIREMENTS.

5 FIRE DAMPER DETAIL

SCALE: NONE

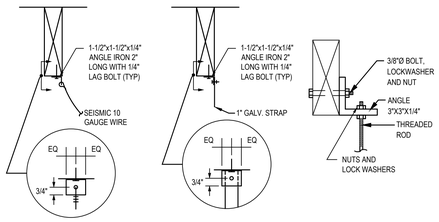


NOTE

COORDINATE CEILING DIFFUSER STYLE WITH ARCHITECTUAL CEILING TYPE.

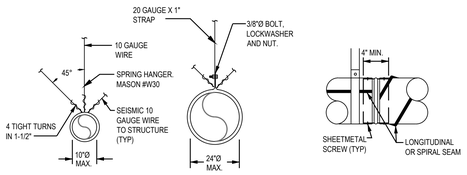
4 LINEAR SLOT DIFFUSER AND RETURN GRILLE

SCALE: NONE



3 UPPER ATTACHMENT DETAIL

SCALE: NONE

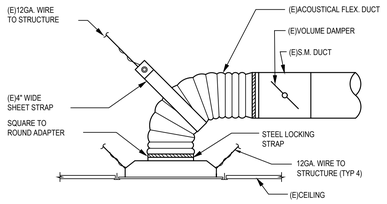


NOTE

1. STRAP AND WIRE TO BE SIZED PER SMACNA DUCT CONSTRUCTION STANDARDS TABLE 4-2. MAXIMUM SPACING BETWEEN SUPPORTS - 12 FEET MAX AND AT EACH ELBOW OR OTHER FITTINGS. SECURE STRAPS TIGHT TO DUCT.
2. REFER TO DETAIL 3, THIS SHEET, FOR UPPER ATTACHMENT.

2 ROUND DUCT SUPPORT MOUNTING DETAIL

SCALE: NONE



NOTE:
(E) DIFFUSER WEIGHT = 20 LBS. (N) DIFFUSER WEIGHT = 20 LBS.

1 CEILING DIFFUSER AND RETURN GRILLE

SCALE: NONE

GENERAL MECHANICAL NOTES

1. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (C.C.R.), 2022 CMC.
2. ALL SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE CITY, COUNTY, FEDERAL AND STATE CODES AND ORDINANCES, AND SHALL MEET ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
3. SYSTEM LAYOUTS AS INDICATED ON DRAWINGS ARE GENERALLY DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION WILL PERMIT.
4. PRIOR TO SUBMISSION OF BID, REVIEW FULL SET OF NEW CONSTRUCTION DRAWINGS (INCLUDING ALL OTHER TRADES). INCLUDE ANY ADDITIONAL PIPE OR DUCT OFF-SETS THAT ARE NOT CURRENTLY SHOWN ON DRAWINGS BUT MAY BE REQUIRED TO CLEAR STRUCTURE, FINISHES OR WORK OF OTHER TRADES. NO EXTRA PAYMENT WILL BE ALLOWED FOR WORK RESULTING FROM LACK OF PROPER INITIAL APPRAISAL OF ENTIRE SCOPE OF WORK. SUBMIT REQUESTS FOR INFORMATIONS (RFIS) AS REQUIRED TO ANSWER ANY QUESTIONS THAT MAY ARISE DURING BIDDING PHASE. CLEARLY INDICATE SCOPE INCLUSION AND EXCLUSION IN BID.
5. FURNISH ALL LABOR, MATERIALS, TRANSPORTATION, AND PERFORM ALL REQUIRED OPERATIONS TO PROVIDE COMPLETE AND OPERABLE MECHANICAL SYSTEM, IN ACCORDANCE WITH THE FULL INTENT AND MEANING OF THE DRAWINGS AND SPECIFICATIONS AND PER STANDARD TRADE PRACTICES.
6. WORKMANSHIP SHALL BE FIRST CLASS THROUGHOUT AND PERFORMED ONLY BY COMPETENT AND EXPERIENCED WORKMEN IN A MANNER SATISFACTORY TO THE OWNER AND ARCHITECT.
7. ALL EQUIPMENT SHALL BE INSTALLED WITH SUFFICIENT ACCESS TO CONTROLS, FILTERS, ELECTRIC MOTORS, ETC. CONTRACTOR SHALL PROVIDE ACCESS PANELS WHERE REQUIRED.
8. COORDINATE ACCESS TO ALL DAMPERS AND OTHER SERVICEABLE EQUIPMENT.
9. PROVIDE BIRD SCREENS AT ALL INTAKE AND EXHAUST OPENINGS.
10. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS AS REQUIRED TO SEAL WEATHER TIGHT. (SEE ARCHITECTURAL ROOFING DETAILS AND SPECIFICATIONS).
11. PROVIDE UL-LISTED/APPROVED THROUGH PENETRATION FIRE-STOPPING AT ALL DUCT PENETRATIONS OF FIRE-RATED WALLS, FLOORS, CEILING/FLOOR OR CEILING/ROOF ASSEMBLIES AND SHAFTS COMPLIANT WITH CHAPTER 7 OF THE 2022 CALIFORNIA BUILDING CODE.
12. LIMITING TRANSMISSION OF NOISE AND VIBRATIONS IS EXTREMELY IMPORTANT. CONTRACTOR TO PAY PARTICULAR ATTENTION THAT EQUIPMENT, AND DUCTWORK ARE INSTALLED SO AS NOT TO CHATTER OR RUB AGAINST OTHER MATERIALS, EQUIPMENT OR BUILDING STRUCTURE. PROVIDE ISOMODE PADS, INSULATION OR OTHER SUITABLE MATERIALS TO AVOID DIRECT CONTACT AND NOISY CONDITIONS.
13. PROVIDE DIELECTRIC INSULATING CONNECTIONS BETWEEN ALL DISSIMILAR METALS.
14. NOTIFY ARCHITECT AND GENERAL CONTRACTOR 48 HOURS IN ADVANCE BEFORE ANY TESTING.
15. PROVIDE DUCT AND PIPE INSULATION AND THERMOSTATS PER TITLE 24 REQUIREMENTS AND SPECIFICATIONS.
16. PER CALIFORNIA GREEN BUILDING STANDARDS CODE (PART 11 OF TITLE 24, CALIFORNIA CODE OF REGULATIONS):
    A. PROTECT DUCT OPENINGS AND MECHANICAL EQUIPMENT DURING CONSTRUCTION.
    B. LIMIT USE OF PERMANENT HVAC DURING CONSTRUCTION TO CONDITIONING NECESSARY FOR MATERIAL AND EQUIPMENT INSTALLATION. IF PERMANENT HVAC IS USED DURING CONSTRUCTION, INSTALL MERV-8 FILTERS ON RETURNS, AND REPLACE ALL FILTERS IMMEDIATELY PRIOR TO OCCUPANCY, OR, IF THE BUILDING IS OCCUPIED DURING ALTERATION, AT THE CONCLUSION OF CONSTRUCTION.
18. ALL EXHAUST FAN DISCHARGES SHALL BE MINIMUM 3'-0" FROM ANY OPENINGS INTO THE BUILDING.
19. ALL EXHAUST FAN DISCHARGES SHALL BE MINIMUM 10'-0" FROM A FORCED AIR INLET.
20. COMPLY WITH CHAPTER 7 & 7A OF 2022 CBC.
21. COORDINATE WITH ELECTRICAL DRAWINGS FOR POWER AND WIRING INFORMATION.

SYMBOLS

NOTE: NOT ALL SYMBOLS APPLY

SYMBOL	ABBR	DESCRIPTION
1 / M-1		DETAIL NUMBER / DRAWING NUMBER
M-1		SECTION NUMBER / DRAWING NUMBER
AC 1		EQUIPMENT TYPE / UNIT NUMBER
A XXX_FD 12x12		SYMBOL, AIR QUANTITY / NECK SIZE (4-WAY UON)
		CEILING SUPPLY DIFFUSER/REGISTER
		CEILING RETURN GRILLE/REGISTER
		CEILING EXHAUST GRILLE/REGISTER
		CEILING TRANSFER DIFFUSER/GRILLE
		CEILING OUTSIDE AIR GRILLE/REGISTER
		SLOT DIFFUSER WITH AIR DUCT
		WALL SUPPLY GRILLE/REGISTER
		WALL RETURN OR EXHAUST GRILLE/REGISTER
		SUPPLY AIR DUCT RISER/DROP
		RETURN AIR DUCT RISER/DROP
		EXHAUST AIR DUCT RISER/DROP
		OUTSIDE AIR DUCT RISER/DROP
(D)	R or D	SLOPED DUCT (RISE OR DROP)
	AL	ACOUSTICAL LINING (1" FIBERGLASS U.O.N.)
	TV	TURNING VANES
FD FD	FD	FIRE DAMPER
FS FS	FS	FIRE-SMOKE DAMPER
	VD	VOLUME DAMPER
	BDD	BACK DRAFT DAMPER
		FLEXIBLE DUCT
		SQUARE TO ROUND DUCT
		DUCT CONTINUATION
RL		REFRIGERANT LIQUID
RS		REFRIGERANT SUCTION
T	T-STAT	THERMOSTAT (MOUNT AT 48" AFF)
H		HUMIDISTAT (MOUNT AT 48" AFF)
S		TEMPERATURE SENSOR (MOUNT AT 48" AFF)
#		MECHANICAL SHEET NOTE
CO2		CO2 SENSOR
HWS	HWS	HEATING HOT WATER SUPPLY
HWR	HWR	HEATING HOT WATER RETURN
CHWS	CHWS	CHILLED WATER SUPPLY
CHWR	CHWR	CHILLED WATER RETURN
		DIRECTION OF SLOPE
		DIRECTION OF FLOW
		BALL VALVE
	P&TRV	RELIEF VALVE, P&T RELIEF VALVE
		BUTTERFLY VALVE
		MOTORIZED BUTTERFLY VALVE
		GATE VALVE
		CHECK VALVE
		2-WAY CONTROL VALVE
		3-WAY CONTROL VALVE
		STRAINER
		STRAINER WITH BLOW OFF
		PRESSURE GAGE
		PRESSURE GAUGE WITH COCK
		THERMOMETER
		PUMP
		TEST TAP (PETE'S PLUG)
MV		MANUAL AIR VENT
AAV		AUTOMATIC AIR VENT
		PIPE GUIDE
		EXPANSION JOINT
		FLEXIBLE CONNECTOR
		UNION
		CAPPED OR PLUGGED TEE
		EXPANSION LOOP
		PIPE UP
		PIPE DOWN
		TOP CONNECTION - BRANCH LINE
		BOTTOM CONNECTION - BRANCH LINE
		PIPE ANCHOR
		TEE UP
		TEE DOWN
		CIRCUIT SETTER

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS APPLY

Ø	DIAMETER	LWT	LEAVING WATER TEMPERATURE
ABC	ABOVE CEILING/OVERHEAD	MA	MIXED AIR
AC	AIR CONDITIONING	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MBH	THOUSAND BTU PER HOUR
AMP	AMPERE	MECH	MECHANICAL
ARCH	ARCHITECTURAL	MIN	MINIMUM
BDD	BACKDRAFT DAMPERS	(N)	NEW
BHP	BRAKE HORSEPOWER	N/A	NOT APPLICABLE
BLDG	BUILDING	NC	NORMALLY CLOSED
BOD	BOTTOM OF DUCT	NIC	NOT IN CONTRACT
BTU	BRITISH THERMAL UNIT	NO	NUMBER OR NORMALLY OPEN
BTUH	BRITISH THERMAL UNIT PER HOUR	NTS	NOT TO SCALE
CFM	CUBIC FEET PER MINUTE	OAT	OUTSIDE AIR TEMPERATURE
CL	CENTER LINE	OBD	OPPOSED BLADE DAMPER
CLG	CEILING	OC	ON CENTER
(D)	DEMOLISH	OD	OUTSIDE DIMENSION
DBT	DRY BULB TEMPERATURE	OH	OVERHEAD
DN	DOWN	OSA	OUTSIDE AIR
DSD	DUCT MOUNTED SMOKE DETECTOR	PD	PRESSURE DROP
(E)	EXISTING	PH	PHASE
EA	EXHAUST AIR	PLBG	PLUMBING
EAT	ENTERING AIR TEMPERATURE	POC	POINT OF CONNECTION
EER	ENERGY EFFICIENCY RATIO	POD	POINT OF DEMOLITION
ELEC	ELECTRICAL	RA	RETURN AIR
ESP	EXTERNAL STATIC PRESSURE (IN WG)	REQ'D	REQUIRED
EWT	ENTERING WATER TEMPERATURE	REV	REVISION
F	FAHRENHEIT	RPM	REVOLUTIONS PER MINUTE
FA	FACE AREA	SA	SUPPLY AIR
FLA	FULL LOAD AMPS	SAD	SEE ARCHITECTURAL DRAWINGS
FD	FIRE DAMPER	SCD	SEE CIVIL DRAWINGS
FPM	FEET PER MINUTE	SED	SEE ELECTRICAL DRAWINGS
FSD	FIRE/SMOKE DAMPER	SD	SMOKE DAMPER
FT	FEET	SEER	SEASONAL ENERGY EFFICIENCY RATIO
GA	GAUGE	SF	SQUARE FEET
GAL	GALLONS	SP	STATIC PRESSURE
GALV	GALVENIZED	SPD	SEE PLUMBING DRAWINGS
GPM	GALLONS PER MINUTE	SQ.FT.	SQUARE FEET
HD	HEAD	SSD	SEE STRUCTURAL DRAWINGS
HP	HORSEPOWER	TA	TRANSFER AIR
HVAC	HEATING VENTILATING AND AC	TCP	TEMPERATURE CONTROL PANEL
HZ	HERTZ	TEMP	TEMPERATURE
ID	INSIDE DIAMETER	TOD	TOP OF DUCT
IN.	INCH	TYP	TYPICAL
IN. W.G.	INCHES WATER GAGE (PRESSURE)	UC	UNDERCUT
KW	KILOWATT	UG	UNDERGROUND
LAT	LEAVING AIR TEMPERATURE	UON	UNLESS OTHERWISE NOTED
LBS	POUNDS	VAV	VARIABLE AIR VOLUME
LF	LINEAR FEET	VEL	VELOCITY
		VFD	VARIABLE FREQUENCY DRIVE
		WG	WATER GAGE
		WT	WEIGHT

APPLICABLE CODES

1. 2025 BUILDING STANDARD ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.;
3. 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.;
4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.;
5. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.;
6. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.;
7. 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.;
8. 2022 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R
9. 2022 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R
10. 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
11. TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC(SFM) 3504.1
TITLE 24 C.C.R. ACCESSIBILITY STANDARDS
AMERICAN WITH DISABILITIES ACT (A.D.A., ADAAG) FEDERAL ACCESSIBILITY STANDARDS

MECHANICAL SCOPE OF WORK

1. REPLACE (E) CEILING MOUNTED SUPPLY DIFFUSERS AND RETURN GRILLES IN KIND EXCEPT WHERE THE CEILING TYPE CHANGES.

TITLE 24 ENERGY COMPLIANCE

TITLE 24 ENERGY COMPLIANCE FORMS ARE FOUND ON SHEETS X.1 TO X.X. CONTRACTOR SHALL COMPLETE AND SUBMIT TO LOCAL AUTHORITY NRCA/NRCI/NRCC FORMS FOR NON-RESIDENTIAL PROJECTS AND/OR REQUIRED HERS TESTING REPORTS FOR RESIDENTIAL PROJECTS.

SHEET INDEX

M00.1	MECHANICAL TITLE SHEET
M11.0	MECHANICAL DEMOLITION REFLECTED CEILING PLAN
M11.1	MECHANICAL REFLECTED CEILING PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
JAMES D'LEO
NO. 25378
REN. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

M00.0

MECHANICAL TITLE SHEET

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

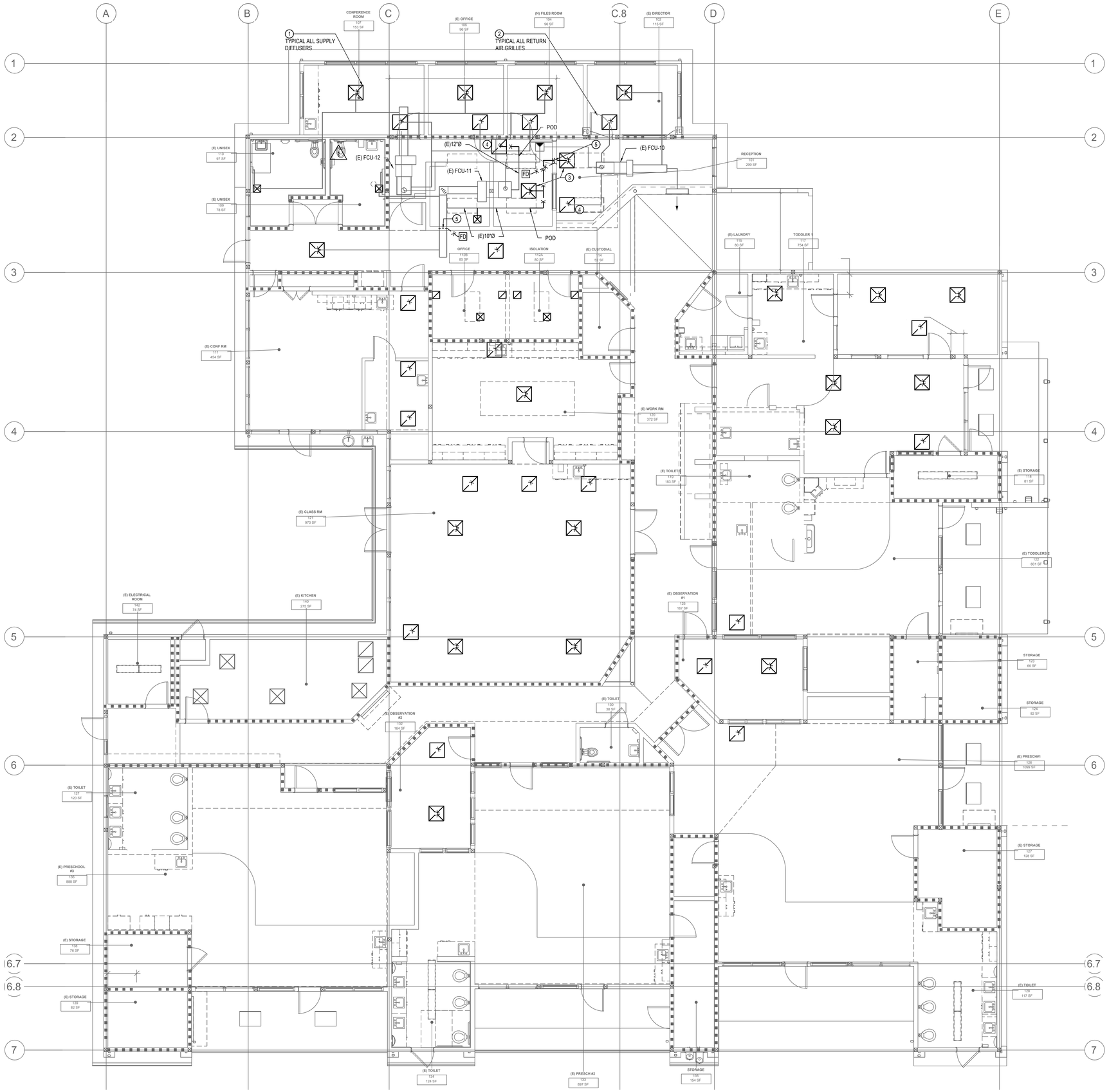
212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

SHEET NOTES

1. REMOVE EXISTING CEILING MOUNTED RETURN GRILLE AND REPLACE IN KIND, TITUS PAR OR SIMILAR, COLOR WHITE. SEE M11.1
2. REMOVE EXISTING CEILING MOUNTED SUPPLY DIFFUSER AND REPLACE IN KIND, TITUS PAS OR SIMILAR, COLOR WHITE. SEE M11.1
3. REMOVE EXISTING SUPPLY DIFFUSER. MODIFY DUCTING AS SHOWN TO CONNECT TO NEW LINER SUPPLY DIFFUSER IN NEW LOCATION. SEE M11.1
4. REMOVE EXISTING RETURN GRILLE. MODIFY DUCTING AS SHOWN TO CONNECT TO NEW LINEAR SLOT RETURN IN NEW LOCATION. SEE M11.1
5. DEMOLISH FIRE DAMPER. REPAIR DUCT AND SEAL AIRTIGHT.



1 MECHANICAL DEMOLITION REFLECTIVE CEILING PLAN
SCALE: 3/16"=1'-0"

N

IDENTIFICATION STAMP
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SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

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M11.0

MECHANICAL DEMOLITION REFLECTIVE CEILING PLAN

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

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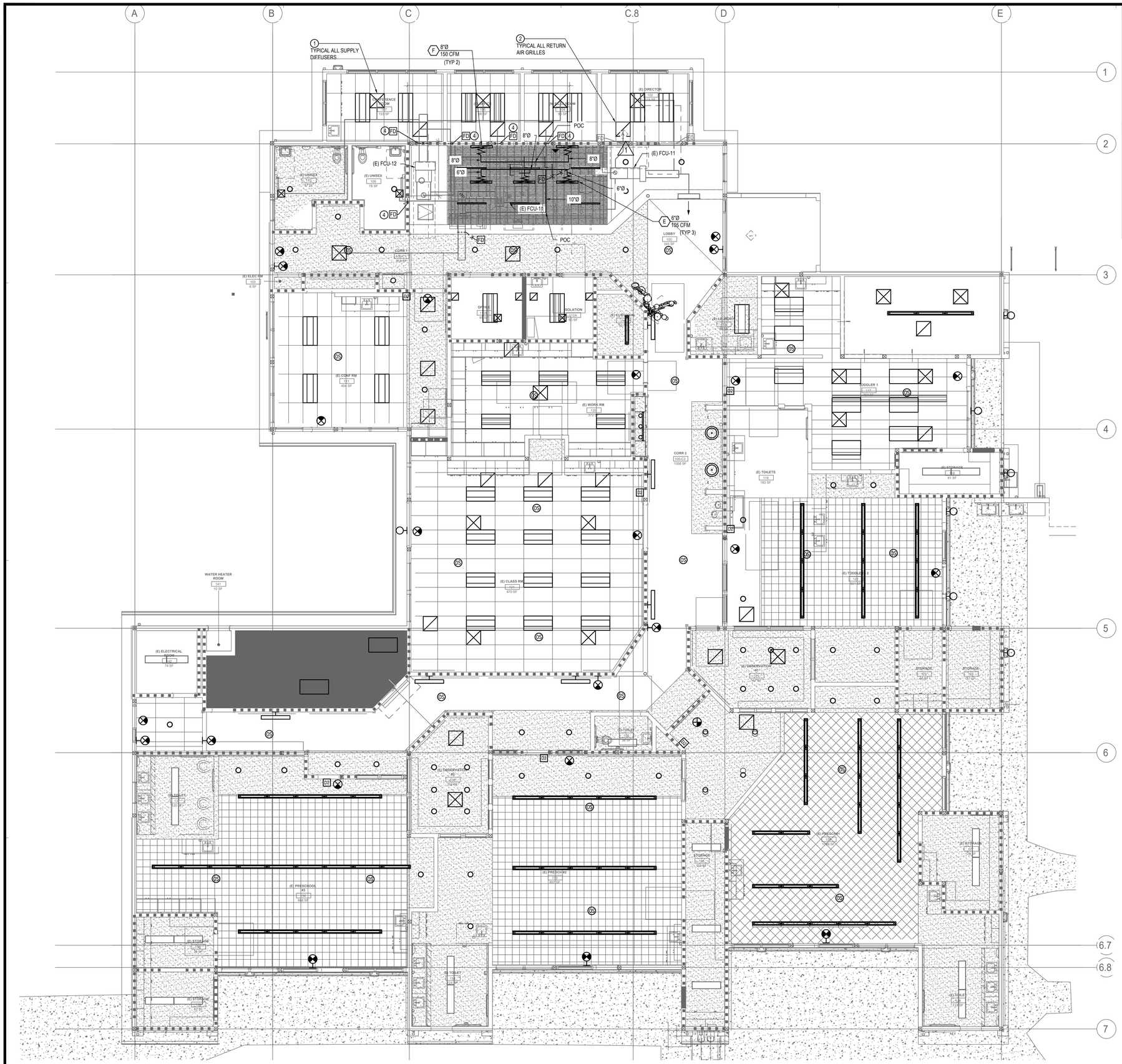

1 MECHANICAL REFLECTIVE CEILING PLAN

SCALE: 3/16"=1'-0"

N

GENERAL NOTES

A. MATCH EXISTING DUCT TYPE WHEN ADDING OR REPLACING DUCTWORK.

B. AIR DIFFUSERS WEIGHING LESS THAN 20 LBS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY-DUTY GRID SYSTEM BUT, IN ADDITION, MUST HAVE A MINIMUM OF TWO #12 GAGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. SEE DETAIL 1/M0.0 FOR ATTACHMENT DETAIL.

SHEET NOTES (F)

1. REMOVE EXISTING CEILING MOUNTED RETURN GRILLE AND REPLACE IN KIND, TITUS PAR, OR SIMILAR, COLOR WHITE.
2. REMOVE EXISTING CEILING MOUNTED SUPPLY DIFFUSER AND REPLACE IN KIND, TITUS PSS OR SIMILAR, COLOR WHITE.
3. PROVIDE NEW LINEAR SLOT RETURN AND SUPPLY DIFFUSERS THROUGH THE WOOD SLOT CEILING WITH THE BOTTOM OF THE DIFFUSERS FLUSH WITH THE BOTTOM OF THE WOOD SLATS. SEE SCHEDULED TYPE E AND F. CONNECT TO EXISTING FCU-11 AS SHOWN.
4. PROVIDE FIRE DAMPER IN EXISTING DUCT AT WALLS WITH ADDED FORE RATING. COORDINATE WITH ARCHITECTURAL.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
JAMES DYER
NO. 25378
REN. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
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10		
11		

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

M11.1

MECHANICAL REFLECTIVE CEILING PLAN

EDesignC Incorporated

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GENERAL ELECTRICAL NOTES

1. ALL WORK IS TO BE PERFORMED IN STRICT COMPLIANCE WITH THE NATIONAL ELECTRIC CODE, STATE LAWS, AND ALL OTHER REGULATIONS GOVERNING WORK OF THIS NATURE.
2. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING JOB CONDITION. HE SHALL EXAMINE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND SHALL HAVE HAD VISITED THE CONSTRUCTION SITE, PRIOR TO SUBMITTING HIS BID PROPOSAL. HE SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART. DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING TEMPORARY FACILITIES AND CONNECTIONS REQUIRED FOR THE DURATION OF THE PROJECT.
3. THE CONTRACTOR SHALL SECURE ALL PERMITS OR APPLICATIONS, AND PAY ANY AND ALL FEES AS REQUIRED.
4. EXISTING ARCHITECTURAL SURFACES DISTURBED DURING CONSTRUCTION SHALL BE PATCHED AND PAINTED TO MATCH EXISTING.
5. WORK SHOWN IN THESE PLANS ARE NEW, UON. INSTALLATION SHALL BE CONCEALED. WHERE NOT POSSIBLE, CONTRACTOR SHALL OBTAIN APPROVAL FROM ARCHITECT AND ENGINEER FOR EXPOSED INSTALLATION. A WRITTEN APPROVAL IS REQUIRED. USE SURFACE RACEWAYS, WIREMOLD, OR EQUAL. ALL ELECTRIC MATERIALS, DEVICES, AND EQUIPMENT FOR THE PROJECT SHALL BE NEW AND U.L. APPROVED
6. ALL CONDUIT SHALL BE 3/4" MINIMUM. ALL CONDUIT SHALL BE RUN PARALLEL TO EXISTING SURFACES. WHEN CONDUIT CROSSES CORRIDORS OR ROOMS IT SHALL BE DONE PERPENDICULAR TO WALLS.
7. PAINT ALL SURFACE MOUNTED CONDUITS AND FITTINGS TO MATCH ADJACENT SURFACE. CONFIRM COLOR WITH OWNER.
8. ALL EXPOSED CONDUITS SHALL BE MOUNTED WITH 2-HOLE STRAPS.
9. CONDUIT CONNECTORS SHALL BE COMPRESSION TYPE.
10. SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS. FURNISH AND INSTALL FIRE RATED BACKBOXES AS REQUIRED TO MAINTAIN FIRE RATING OF CEILING OR WALLS WHERE RECESSED ELECTRIC EQUIPMENT SUCH AS LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANEL, ETC. ARE INSTALLED IN RATED WALL OR CEILINGS. PENETRATIONS OF FIRE RATED WALLS, CEILINGS, OR FLOORS SHALL COMPLY WITH CBC CHAPTER 7 REQUIREMENTS. IN WALLS AND PARTITIONS THAT ARE FOR FIRE RESISTIVE CONSTRUCTION, OPENINGS FOR STEEL ELECTRICAL OUTLET BOXES SHALL NOT EXCEED 16 SQUARES INCHES. IN ADDITION, THE AGGREGATE AREA OF SUCH OPENING SHALL NOT EXCEED 100 SQ IN FOR ANY 100 SQUARE FEET OF WALL OR PARTITION. OUTLET BOXES ON OPPOSITE SIDES OF THE WALLS OR PARTITION SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24 INCHES, OR BE PROVIDED WITH FIRE PUTTY.
11. ALL NEW WIRING SHALL BE IN CONDUIT. COORDINATE ROUTING OF CONDUIT WITH ARCHITECT AND STRUCTURAL FOR OPENINGS IN WALLS AND ANY NOTCHING OF JOISTS.
12. THE ELECTRICAL PLANS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL OF THE ARCHITECTURAL DETAILS OR SPECIFICS OF ELECTRICAL CONSTRUCTION. TAKE ALL DIMENSIONS FROM THE ARCHITECTURAL DRAWINGS. BEFORE ROUGH-IN, VERIFY ALL MOUNTING HEIGHTS AND EXACT LOCATIONS FOR ALL EQUIPMENT ELECTRICAL CONNECTIONS, STUB-UPS, RECEPTACLES, OUTLETS, CONDUIT RUNS, ETC. WITH ARCHITECT AND OWNER. PLACE DEVICES LOCATED ABOVE COUNTERS, SHELVING, ETC. AND IN BATHROOMS SO AS NOT TO CONFLICT WITH EDGES OF WAINSCOTING, COUNTER SPLASH, SHELVING, ETC. ARCHITECTURAL SHEETS SHALL GOVERN. SEE ELECTRICAL SECTION OF ARCHITECTURAL SPECIFICATION FOR ADDITIONAL INFORMATION.
13. PULLROPES: ANY RACEWAY WITHOUT CABLE OR WIRE SHALL BE INSTALLED WITH MINIMUM 200 POUND TEST PULL LINE AND LARGER.
14. ALL DEVICES AND EQUIPMENT INSTALLED OUTDOORS OR EXPOSED TO THE WEATHER SHALL BE OF WEATHERPROOF CONSTRUCTION. ALL WALL PENETRATIONS TO EXTERIOR WALLS SHALL BE SEALED WATER TIGHT.
15. ALL EQUIPMENT SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND SHALL BE INSTALLED AS PER LISTING OR LABELING (IE. MAXIMUM FUSE SIZE MEANS FUSE PROTECTION IS REQUIRED).
16. ALL EQUIPMENT MANUFACTURERS SHALL BE NOTED IN DRAWINGS. SUBSTITUTIONS ARE PERMITTED BUT MUST BE APPROVED EQUAL.
17. CONNECTIONS TO MECHANICAL EQUIPMENT SHALL BE MADE WITH A MINIMUM OF 24" OF WEATHERPROOF FLEXIBLE CONDUIT TO PREVENT SOUND AND VIBRATION TRANSMISSION TO THE STRUCTURE. COORDINATE ALL MOTOR OVERLOADS AND/OR FUSES FURNISHED BY THIS CONTRACT WITH THE ACTUAL EQUIPMENT INSTALLED. SIZE OVERLOADS BASED ON MOTOR NAMEPLATE FULL LOAD CURRENT AND SERVICE FACTOR. FUSES FOR MOTOR AND TRANSFORMER CIRCUITS SHALL BE DUAL ELEMENT. FUSES FOR OTHER "NON-INRUSH" LOADS SHALL BE FAST ACTING. ALL FUSES SHALL BE CURRENT LIMITING CLASS RKS OR CLASS L, UON. CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR MANUFACTURER INSTALLATION REQUIREMENTS.
18. SEE MECHANICAL AND PLUMBING DRAWINGS FOR LOCATION OF FANS AND WATER HEATERS.
19. ALL ELECTRICAL WORK SHALL BE COORDINATED WITH THE MECHANICAL WORK AS CALLED FOR IN MECHANICAL SPECIFICATIONS.
20. GROUNDING CONDUCTORS ARE GENERALLY NOT SHOWN. GROUND AND BOND ALL EQUIPMENT, RACEWAYS, MOTORS, PANELBOARDS AND SWITCHBOARDS, ETC. IN ACCORDANCE WITH NEC ARTICLE 250.
21. FIELD MOUNTED DEVICES SUCH AS SWITCHES, MOTOR STARTERS, RECEPTACLES, ETC., ARE SHOWN IN THEIR APPROXIMATE LOCATION. SWITCH MOUNTING HEIGHT SHALL BE 48" ABOVE FINISHED FLOOR AND RECEPTACLE MOUNTING HEIGHT SHALL BE 18" ABOVE FINISHED FLOOR. CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR MANUFACTURER INSTALLATION REQUIREMENTS.
22. ELECTRICAL CONTRACTOR TO PROVIDE EXPANSION FITTINGS AT ALL EXPANSION JOINT LOCATION. USE STEEL FLEX 6 FEET EACH SIDE OF THE JOINT AND TERMINATE IN A PULLBOX AT EACH END, OR OTHER APPLIED METHODS.
23. ALL LIGHTING FIXTURE LOCATIONS AND ROUTING SHALL BE REVIEWED BY ARCHITECT PRIOR TO ROUGH-IN.
24. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MAINTAIN A MINIMUM OF 36" CLEARANCE PER NEC ARTICLE 110.26.
25. PENETRATIONS OF FIRE RATED WALLS CEILINGS OR FLOORS SHALL COMPLY WITH CBC CHAPTER 7 REQUIREMENTS.
26. WHERE OUTLET BOXES ARE INSTALLED WITHIN RATED ASSEMBLIES, PROVIDE 3M MOLDABLE PUTTY PADS OR EQUAL TO MAINTAIN FIRE RATED ASSEMBLIES.
27. ALL RECEPTACLES SHALL BE GROUNDING TYPE.
28. ALL RECEPTACLES INSTALLED IN BATHROOMS AND KITCHENS SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION AS REQUIRED BY THE NATIONAL ELECTRIC CODE.
29. CONTRACTOR TO CONFIRM EXACT LOCATION OF METERS WITH ELECTRIC UTILITY.
30. SUBMIT TO THE OWNER CERTIFICATES OF INSPECTIONS IN DUPLICATE FROM AN APPROVED INSPECTION AGENCY UPON COMPLETION.
31. PERFORMANCE AND WITNESSING OF TESTS
    A. THE CONTRACTOR SHALL FURNISH ALL INSTRUMENTS AND QUALIFIED PERSONNEL OR FIRM TO PERFORM ALL REQUIRED TESTS.
    B. ALL NEW AND RECONNECTED ELECTRICAL CIRCUIT SHALL BE TESTED TO INSURE CIRCUIT CONTINUITY, INSULATION RESISTANCE, PROPER SPLICING AND GROUNDING IN ACCORDANCE WITH THE LATEST STANDARDS AS STATED ABOVE. BEFORE CONNECTING POWER CABLES TO MOTORS, THE INSULATION RESISTANCE OF ALL MOTOR WINDINGS SHALL BE TESTED IN ACCORDANCE WITH THE ABOVE STANDARDS.
    C. ANY CONTRACTOR FURNISHED AND/OR INSTALLED SPLICE, RECOMMENDED VOLTAGE AND INSULATION RESISTANCE TESTS, SHALL BE CONNECTED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
    D. NO EQUIPMENT SHALL BE ENERGIZED UNTIL ALL TESTS AND ADJUSTMENTS HAVE BEEN MADE.
    E. THREE COPIES OF ALL TEST RESULTS SHALL BE DELIVERED TO THE OWNER.
32. SPECIFY ELECTRICAL CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO BE LOCATED NO MORE THAN 48" MEASURED FROM THE TOP OF THE OUTLET BOX AND NO LESS THAN 15" MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
33. SPECIFY ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES TO BE LOCATED NO MORE THAN 48" MEASURED FROM THE TOP OF THE RECEPTACLE HOUSING AND NO LESS THAN 15" MEASURED FROM THE BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.

MEP COMPONENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G., HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E☒ OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
MP☐ MD☐ PP☐ E☐ OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #). #_____

GENERAL TELECOMMUNICATION NOTES

COMMUNICATIONS GENERAL NOTES:

1. THE WORK - INCLUDING MATERIALS, METHODS, ASSEMBLIES, ETC - SHALL COMPLY WITH THE MINIMUM REQUIREMENTS OF THE GOVERNING LAWS, ORDINANCES AND REGULATIONS OF ALL FEDERAL, STATE, DISTRICT, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING LAW, ORDINANCE, OR REGULATION.
2. PARTIAL SETS OF DRAWING ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR - CONTRACT REQUIRES FULL SET OF DRAWINGS AND SPECIFICATIONS WITH ANY ADDENDA.
3. THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND DIMENSIONED LOCATION OF EXPOSED ELEMENTS OF THE WORK OF TRADES, INCLUDING THAT WORK THAT IS ILLUSTRATED PRIMARILY ON THESE DRAWINGS. LOCATIONS SHOW ON THESE DRAWINGS ARE DIAGRAMMATIC. REFER TO ARCHITECTURAL DRAWING FOR DIMENSIONED LOCATIONS - IF NO DIMENSION MARK PRIOR TO ROUGH IN FOR REVIEW BY ARCHITECT AND ENGINEER.
4. MAINTAIN A COPY OF THE SPECIFICATION AND DRAWINGS AT THE JOB SITE. PRESENT THE SPECIFICATIONS AND DRAWINGS UPON REQUEST. MAINTAIN DAILY MARKUPS OF ACTUAL INSTALLATION AND PRESENT FOR REVIEW UPON REQUEST.
5. PROVIDE NECESSARY EQUIPMENT AND ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM THAT MEETS INTENDED DESIGN WHETHER EXPRESSLY SPECIFIED OR NOT. MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES FOR THE PURPOSE USED AND BEARING THEIR LABEL.
6. PRIOR TO PERFORMING WORK, IMMEDIATELY NOTIFY THE OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING OF OBSERVATIONS OR CONDITIONS DISCOVERED THAT WOULD PREVENT INSTALLATION ACCORDING TO DRAWINGS AND SPECIFICATIONS.
7. REMOVE ABANDONED CABLING, LEFT OVER CONDUIT, WIRE, SCRAPS, ETC., LEAVE PREMISES CLEAN AND FREE OF TRASH OR DEBRIS RESULTING FROM WORK, AND PROPERLY RECYCLE APPLICABLE MATERIAL ACCORDING TO ALL CODE REQUIREMENTS FOR SUCH MATERIAL.
8. LOW VOLTAGE CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND ELECTRICAL FOR DATA OR TELEPHONE CONNECTIONS REQUIRED. THESE CAN INCLUDE BUT ARE NOT LIMITED TO MECHANICAL CONTROLS, PV SYSTEM MONITORING, HVAC AUTO SHUTOFF, FIRE ALARM MONITORING, AND ELEVATOR LOW VOLTAGE COMPONENT INTEGRATION.

COMMUNICATIONS PATHWAYS:

1. INSTALL EQUIPMENT, DEVICES, AND PATHWAYS, SUCH AS CABLE TRAY, RUNWAY, CONDUITS, CABLE HANGERS, AND PULLBOXES, ETC. ACCORDING TO STATE AND LOCAL CODES AND REGULATORY REQUIREMENTS FOR SEISMIC BRACING. ROUTE CONDUIT, CABLE TRAYS, AND OTHER PATHWAYS PERPENDICULAR OR PARALLEL TO BUILDING LINES, IN GENERAL
2. CONDUIT ROUTING, WHERE SHOWN ON DRAWINGS, IS DIAGRAMMATIC IN NATURE. FIELD DETERMINE CONDUIT ROUTES TO SUIT FIELD CONDITIONS WHILE CONFORMING TO SPECIFICATIONS. PREPARE SHOP DRAWINGS TO SHOW EXACT CONDUIT ROUTES, INDICATE PENETRATION TYPES (e.g. FRAMED WALL, CONCRETE WALL, ETC). COORDINATE REQUIREMENTS WITH OTHER TRADES
3. INSTALL CONDUIT PATHWAYS PER TIA/EIA-568 -B AND BICSI TDMM.
4. CONDUITS WITH LESS THEN 2" INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 6 TIMES THE INSIDE DIAMETER. CONDUITS WITH A 2" OR GREATER INSIDE DIAMETER WILL HAVE A BEND RADIUS OF NO LESS THAN 10 TIMES THE DIAMETER.
5. CONDUIT RUNS SHALL NOT EXCEED 180 DEGREES OR TWO 90-DEGREE BENDS WITHOUT AN APPROPRIATE NEMA RATED PULL BOX OR/AND INCREASE CONDUIT BY ONE TRADE SIZE FOR EACH ADDITIONAL BEND OF UP TO 90 DEGREES UNLESS LAST BEND IS WITHIN 12 INCHES OF THE CONDUIT END.
6. WHEN ROUTING CONDUIT IN CONCRETE, MAINTAIN A GRADUATED BEND RADIUS TO MAINTAIN CONDUIT CAPACITY. THE USE OF 90-DEGREE "ELBOW" FITTINGS IS EXPRESSLY PROHIBITED UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM OWNER, OR OWNER'S REPRESENTATIVE, IN WRITING.
7. PROPERLY FIRE SEAL CONDUIT AND RACEWAY PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS TO MAINTAIN THE FIRE SEPARATION RATING. PROVIDE FIRE SEALING ASSEMBLIES THAT ARE UL LISTED FOR THE APPLICATION. COORDINATE REQUIREMENTS WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION. DO NOT MIX PRODUCTS BETWEEN MANUFACTURED ASSEMBLIES.
8. PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUITS AT STRUCTURAL EXPANSION JOINT CROSSINGS.
9. PROVIDE PLASTIC BUSHINGS ON EXPOSED ENDS OF CONDUIT AND SLEEVES, WHETHER VISIBLE OR NOT.
10. PROVIDE EMT 4" TRADE SIZE CONDUITS FOR BACKBONE PATHWAYS WITH 40" MINIMUM BEND RADIUS FITTINGS. UON
11. CONDUITS USED FOR HORIZONTAL PATHWAYS SHALL BE A MINIMUM OF EMT 1-1/4" TRADE SIZE WITH 4-11/16" x 4-11/16" x 2-1/2" BACKBOXES. UON
12. CONDUIT ("LB", ETC.) FITTINGS ARE EXPRESSLY PROHIBITED FOR TELECOMMUNICATIONS SYSTEM PATHWAYS.
13. PROVIDE A PULL STRING IN EMPTY/UNUSED DISTRIBUTION CONDUITS AND CONDUITS SERVING TELECOMMUNICATIONS DEVICES SUITABLE FOR A 200 LB PULL TENSION MINIMUM. PROVIDE MULE TAPE FROM UTILITY SERVICE POINT TO INSIDE BUILDING THAT MEET AT&T REQUIREMENTS
14. PROVIDE DEDICATED SUPPORTS (E.G., CLIPS & WIRES) FOR CABLE SUPPORT HANGERS (OR SIMILAR PATHWAY COMPONENTS) INTENDED FOR TELECOMMUNICATIONS CABLES. DO NOT SHARE SUPPORTS WITH OTHER TRADES/SYSTEMS, OTHER THAN SECURITY AND/OR AUDIOVISUAL.

COMMUNICATIONS CABLING & DEVICES

1. DO NOT TIE CABLES TO OTHER STRUCTURES NOT INTENDED FOR THIS SPECIFIC USE. DO NOT TIE CABLES TO CABLE TRAY.
2. ROUTE TELECOMMUNICATIONS CABLES PERPENDICULAR OR PARALLEL TO BUILDING LINES, IN GENERAL. ROUTE TELECOMMUNICATIONS CABLE NO LESS THAN 6 INCHES FROM ANY POWER SOURCE OR FLUORESCENT LIGHTING FIXTURE, AND NO LESS THAN 4 FEET FROM ANY TRANSFORMER OR MOTOR.
3. GROUP AND DRESS EXPOSED TELECOMMUNICATIONS CABLE GROUPS USING VELCRO TIES, UON.
4. LABEL TELECOMMUNICATIONS CABLES ACCORDING TO SPECIFICATIONS, PROVIDE LABELS AT BOTH ENDS. PROVIDE SAMPLE LABELS TO THE OWNER OR OWNER'S REPRESENTATIVE AND OBTAIN WRITTEN APPROVAL PRIOR TO LABELING (VERIFY FORMAT AND REQUIRED FIELDS OF INFORMATION)

SYMBOLS (NOT ALL USED)

GENERAL SYMBOLS

- # = DETAIL NUMBER
- X = SHEET NUMBER
- DEMOLITION WORK
- EXISTING UNDERGROUND CONDUIT TO REMAIN
- MATCH LINE
- CONDUIT CONCEALED IN CEILING OR WALL.
- CONDUIT CONCEALED UNDER FLOOR OR UNDERGROUND.
- BRANCH CIRCUIT HOMERUN TO PANEL. CONCEALED IN CEILING SPACE OR WHERE POSSIBLE.
- REQUIRED WORKING CLEARANCE PER NEC 110.26.
- X — LIGHT FIXTURE TAG (X = FIXTURE TYPE). REFER TO LIGHTING SCHEDULE.
- M — MAST AND WEATHERHEAD ABOVE ROOF FOR AERIAL INSTALLATION.

POWER SYSTEM SYMBOLS

- X J — JUNCTION OR OUTLET BOX MOUNTED ABOVE CEILING WITH BLANK COVER.
  - X = JUNCTION BOX TYPE: CU = CONDENSING UNIT, EF = EXHAUST FAN, ERV = ENERGY RECOOVERY VENTILATOR, FC = FAN COIL, KRH = KITCHEN RANGE HOOD, HP = HEAT PUMP, OAF = OUTSIDE AIR FAN, AND SF = SUPPLY FAN.
- $T — HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS.
- FUSED DISCONNECT SWITCH WITH DUAL ELEMENT FUSED (UON).
- X — DUPLEX RECEPTACLE 20A, 125V, 3WG, NEMA 5-20R, +15" (UON), NEW INTERIOR RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. REFER TO PANEL SCHEDULES FOR AFCI TYPE RECEPTACLE APPLICATION.
  - X = RECEPTACLE TYPE: WP = GFCI AND WEATHERPROOF WITH IN-USE COVER, D = DEDICATED, GFCI = WITH GROUND FAULT CIRCUIT INTERRUPTER, AND OS = OCCUPANCY SENSOR CONTROLLED.
- RS $ — MOTORIZED ROLLER SHADE OPERATING SWITCH.
- GFCI — DUPLEX RECEPTACLE 20A, WITH GROUND FAULT CIRCUIT INTERRUPTER, +15" (UON). (WP = WEATHERPROOF)
- DUPLEX RECEPTACLE 20A, ABOVE COUNTER OR +42" AFF.
- GFCI — DOUBLE DUPLEX RECEPTACLE (2) NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER, ABOVE COUNTER.
- DUPLEX RECEPTACLE, 20A, FLUSH MOUNTED FLOOR BOX. NEW INTERIOR RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. REFER TO PANEL SCHEDULES FOR AFCI TYPE RECEPTACLE APPLICATION.
- QUADPLEX RECEPTACLE NEMA 5-20R , FLUSH MOUNTED FLOOR BOX. NEW INTERIOR RECEPTACLES SHALL BE TAMPER RESISTANT TYPE. REFER TO PANEL SCHEDULES FOR AFCI TYPE RECEPTACLE APPLICATION.
- CEILING MOUNTED DUPLEX RECEPTACLE.
- DOUBLE DUPLEX RECEPTACLE (2) NEMA 5-15R.
- DOUBLE DUPLEX RECEPTACLE (2) NEMA 5-20R, SPLIT-WIRED, WITH GROUND FAULT CIRCUIT INTERRUPTER.
- 204V OR 208V RECEPTACLE OR OUTLET. COORDINATE ELECTRICAL CONNECTION WITH FINAL EQUIPMENT SELECTION.
- PANELBOARD: 120/240V, 1 PHASE, 3 WIRE SURFACE MOUNTED; 120/208V, 3 PHASE, 4 WIRE FLUSH/SURFACE MOUNTED.

LIGHTING CONTROLS SYSTEM SYMBOLS

- a,b D# — LOW VOLTAGE DIMMER SWITCH FOR MULTIPLE ZONES. (# = NUMBER OF CONTROLLED ZONE AND a,b = ZONE)
- X $ $ — SINGLE POLE SWITCH AND BOX WITH STANDARD MANUAL ON / OFF IN COMBINATION OF SWITCH TYPE LISTED BELOW, WALL MOUNTED, +48" AFF TO THE TOP OF THE BOX, UON.
  - X = SWITCH TYPE: BLANK = MANUAL ON / OFF ONLY, 3 = THREE-WAY, D = DIMMER, OS = OCCUPANCY SENSOR, VS = VACANCY SENSOR, AND WP = WEATHERPROOF.
- OSD VSD $ $ — SINGLE POLE SWITCH AND BOX WITH LIGHTING SENSOR AND DIMMING CAPABILITY, WALL MOUNTED, +48" AFF TO THE TOP OF THE BOX, UON.
  - SWITCH TYPE: OSD = OCCUPANCY SENSOR WITH DIMMER, AND VSD = VACANCY SENSOR WITH DIMMER.
- 3a,b $ — THREE-WAY SWITCH WITH DIMMING CAPABILITY, WALL MOUNTED, +48" AFF TO THE TOP OF THE BOX, UON.
  - a,b = CONTROLLED ZONE (ONLY APPLICABLE TO THREE-WAY SWITCH).
- LIGHTING SENSOR, CEILING MOUNTED. OS = CONFIGURE FOR OCCUPANCY AND VS = CONFIGURE FOR VACANCY.
- LIGHTING SENSOR, WALL MOUNTED. OS = CONFIGURE FOR OCCUPANCY AND VS = CONFIGURE FOR VACANCY.
- X DS — DAYLIGHTING SENSOR, CEILING MOUNTED.
  - X = DAYLIT ZONE: P = CONFIGURE FOR PRIMARY DAYLIT ZONE AND S = CONFIGURE FOR SECONDARY DAYLIT ZONE.

VIDEO SURVEILLANCE SYSTEM SYMBOLS

- EXISTING CAMERA DEVICES TO BE REMOVED AND TURNED OVER TO DISTRICT. EXISTING CABLING TO BE REMOVED AND DISCARDED.
- XXX — CAMERA OUTLET, FLUSH IN WALL OR CEILING WITH 1-1/4"C TO TELECOM ROOM OR ACCESSIBLE CEILING SPACE. PROVIDE TYPE B DATA OUTLET PER DISTRICT STANDARDS. XXX = INTENDED COVERAGE.

AUDIO VISUAL SYSTEM SYMBOLS

- S — CEILING MOUNTED SPEAKER.
- M — CEILING MOUNTED MICROPHONE.
- V — WALL MOUNTED VOLUME CONTROL.
- S — WALL MOUNTED CLASSROOM SELECTION BUTTON.

MANAGEMENT COMMUNICATIONS SERVICES SYMBOLS

- C — TYPE C DATA OUTLET, FLUSH IN WALL WITH 1-1/4"C TO EXISTING TELECOM CLOSET OR ACCESSIBLE CEILING SPACE. F/I TWO (2) VOICE JACKS AND TWO (2) DATA JACKS. SEE ELECTRICAL DETAILS FOR REQUIREMENTS.
- B — TYPE B DATA OUTLET, FLUSH IN WALL WITH 1-1/4"C TO EXISTING TELECOM CLOSET OR ACCESSIBLE CEILING SPACE. F/I TWO (2) DATA JACKS. SEE ELECTRICAL DETAILS FOR REQUIREMENTS.

ACCESS CONTROL SYSTEM SYMBOLS

- CR — EXISTING ACCESS CONTROL KEY FOB PROXIMITY READER.
- CR — NEW ACCESS CONTROL KEY FOB PROXIMITY READER.

ELECTRONIC ENTRY SYSTEM SYMBOLS

- M IC — EXISTING INTERCOM MASTER STATION.
- D IC — EXISTING INTERCOM DOOR STATION.
- DB — EXISTING DOORBELL PUSH BUTTON.
- DB — NEW DOORBELL PUSH BUTTON.

SCOPE OF WORK

1. POWER SYSTEM:
   - F/I NEW RECEPTACLES IN SPACES PART OF SCOPE OF WORK. COORDINATE DEVICE FINISHES TO MATCH WITH OWNER APPROVED STANDARD.
   - FOR BLDG 3700:
     - DISCONNECT AND REMOVE MAIN INCOMING POWER SUPPLY (CABLES, CONDUITS, BREAKERS) FROM UTILITY OR UPSTREAM DISTRIBUTION PANEL.
2. LIGHTING SYSTEM:
   - F/I NEW INTERIOR LED LIGHTING FIXTURES AND T24 CONTROLS.
   - EXISTING BUILDING EXTERIOR LIGHTS TO REMAIN.
   - COORDINATE LIGHTING FIXTURE WITH ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT AND EXACT LOCATIONS.
3. COMMUNICATIONS SYSTEMS
   - DATA AND VOICE OUTLETS IN NEW OR MODIFIED SPACES WITH HOMERUN WIRING TO EXISTING WALL MOUNTED EQUIPMENT ENCLOSURE. COORDINATE WITH DISTRICT'S IT DEPARTMENT.
   - NEW J-HOOKS TO BE FURNISHED AND INSTALLED FOR NEW OUTLETS. EXISTING PATHWAY MAY BE USED IF FOUND TO BE SUITABLE FOR USE WITH SPARE CAPACITY.
   - FOR BLDG 3700:
     - DISCONNECT AND REMOVE ALL CAT6/CAT6A CABLES, FIBER OPTIC CABLES, PATCH PANELS, DATA MODULES, FACEPLATES, AND CONDUITS. REMOVE CABLING BACK TO SERVING PATCH PANELS IN BLDG 3500.
4. AUDIO VISUAL SYSTEMS (AV)
   - AUDIO SYSTEM WITH SPEAKERS AT OBSERVATION ROOMS #1 AND #2 WITH CONTROLS WITHIN EACH ROOM AND MICROPHONES AT PRESCHOOL ROOMS #1, #2 AND #3, AND TODDLERS ROOM.
5. ACCESS CONTROL SYSTEM
   - NEW CARD READERS BACK TO EXISTING IDF CLOSET. PROVIDE ADDITIONAL CARD READER PANELS TO MATCH EXISTING. PROVIDE DOOR POWER SUPPLY TO SUPPORT ELECTRIFIED DOOR HARDWARE.
6. VIDEO SURVEILLANCE SYSTEM (VSS)
   - RELOCATE EXISTING CAMERA TO MODIFIED LOCATION.
   - F/I NEW CAMERAS AND RELATED COMPONENTS.
   - FOR BLDG 3700:
     - REMOVE EXISTING CAMERAS AND RELATED COMPONENTS AND TURNED OVER TO OWNER.
7. ELECTRONIC ENTRY SYSTEMS
   - DOORBELL SYSTEM: EXISTING DOORBELL PUSH BUTTON, TRANSFORMER, AND SOUNDER TO B

TYPE	MANUFACTURER	MODEL	LAMPING & CCT	MOUNTING	CONTROL	VOLTAGE	LUMENS	MAX VA	WEIGHT	NOTES
				COMMON AREAS						
C1	MAGNESIUM	Mg3-SMS-4'-40k-VHO-VHO-UNV-10D-SC-MF-MA-EMB12	INTEGRATED LED 90CRI, 4000K	WALL	DIM/OS	120	25252	96	31 lbs	CORRIDOR - 4' LENGTH WITH INTEGRATED BATTERY BACKUP.
C2	FOMARL LUCI	PLAY MEDIUM	INTEGRATED LED 90CRI, 4000K	CEILING	DIM/OS	24VDC	130	1.6	1 lb	DISPLAY CABINET. ADJUSTABLE MAGNETIC TRACK.
C3	DIPPING LIGHT	SPHERICAL FIXTURES	INTEGRATED LED 90CRI, 4000K	PENDANT	DIM/OS	120	1000	25	15 lbs	NOOK - VARIES IN SIZES.
C4	FINELITE	HP-2-P-D-4'-B-940-TG-F-120-SC-FC-10%-LGD18W	INTEGRATED LED 90CRI, 4000K	PENDANT	DIM/OS	120	3292	28	11.6 lbs	RECEPTION - 4' LENGTH WITH INTEGRATED BATTERY BACKUP.
C5	HE WILLIAMS	AT1-2-4-L40-9-40-D-EM/10W-DIM-UNV	INTEGRATED LED 90CRI, 4000K	RECESSED	DIM/OS	120	4035	34.2	14 lbs	OFFICE & CLASSROOMS - 2' X 4'.
C6	FINELITE	HP-4-P-ID-4'-S-S-940-TG-F-96LG-120-SC-FC-10%-FE-LGD18W	INTEGRATED LED 90CRI, 4000K	PENDANT	DIM/OS	120	3404	28.4	13.6 lbs	CLASSROOMS - 4' LENGTH WITH INTEGRATED BATTERY BACKUP.
C7	HE WILLIAMS	8DR-L20/940-TC-DIM-120-O-W-MWT-R-EM/10W	INTEGRATED LED 90CRI, 4000K	RECESSED	DIM/OS	120	2010	24.3	3 lbs	CORRIDOR AND CLASSROOMS - 8" ROUND.
C8	HE WILLIAMS	MX4S-4'-L8/840-F-EM/10W-DIM-UNV	INTEGRATED LED 90CRI, 4000K	SURFACE	DIM/OS	120	3296	29.2	11.6 lbs	STORAGE - 4' LENGTH.
C9	LITHONIA LIGHTING	CPANL-2X4-AL06-SWW7-M2	INTEGRATED LED 90CRI, 4000K	SURFACE	DIM/OS	120	4400	41	17.8 lbs	KITCHEN - 2' X 4'. NSF RATED.
X1	HE WILLIAMS	EXIT-R-AC-WHT-D	INTEGRATED LED	SURFACE	ALWAYS ON	120	-	3.8	0.5 lbs	EXIT SIGN WITH BUILT-IN BATTERY BACKUP.
X2	HE WILLIAMS	EXIT/EM/LOW-R-WHT-D	INTEGRATED LED	SURFACE	ALWAYS ON	120	-	3.8	0.8 lbs	EXIT SIGN WITH BUILT-IN BATTERY BACKUP. FOR LOW-LEVEL
				EXTERIOR						
E1	HE WILLIAMS	VMPH-L30-8-40-T3-CGL-UNV-EM/10CEC	INTEGRATED LED 80CRI, 4000K	WALL	PHOTOCELL/ TIMECLOCK	120	3468	27	15 lbs	EXTERIOR. WITH INTEGRATED BATTERY BACKUP.

NOTES:

1 - CONTRACTOR SHALL VERIFY EXACT QUANTITY AND LOCATION OF FIXTURES WITH ARCHITECTURAL RCP PLAN PRIOR TO PURCHASING.
2 - ALL FIXTURE LENGTHS, COLOR TEMPERATURES, AND FINISHES SHALL BE VERIFIED BY ARCHITECT.
3 - ENGINEER APPROVED EQUAL ALTERNATE MANUFACTURERS ARE ACCEPTABLE.
4 - ALL FIXTURES FOR EGRESS ARE BACKED UP BY INDIVIDUAL EMERGENCY BATTERY BACKUP.
5 - ALL FIXTURES LOCATED IN ELECTRICAL EQUIPMENT ROOMS, FIRE COMMAND CENTERS, FIRE PUMP ROOMS, GENERATOR ROOMS, AND PUBIC RESTROOMS WITH AREA GREATER THAN 300 SQ. FT. SHALL BE ON EMERGENCY SYSTEM PER CBC 1008.3.3.
6 - ALL EXTERIOR FIXTURES SHALL BE ON ASTRONOMIC TIMECLOCK.

1 LIGHTING SCHEUDLES

SCALE: NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWARTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

E00.1

LIGHTING SCHEDULES

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 CRYCORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

PANEL NAME: (E) PNL 'AH' | **PHASE** 3 | **VOLTAGE** 277/480 | **MCB** -----
LOCATION: ELECTRICAL RM. 142 | **WIRE** 4 | **AIC** VERIFY WITH UTILITY | **MLO** 100 AMPS
FED FROM: (E) MSB 'CDAH'

CKT	NOTES	TYPE	T	P	DESCRIPTION	LOAD		LOAD	DESCRIPTION	T	P	TYPE	NOTES	CKT
1		C	20	1	(E) LTG - CHILD LAB #3	2.50	A	2.70	(E) LTG - KITCHEN, DEV. LAB	20	1	C		2
3		C	20	1	(E) LTG - CHILD LAB #2	2.00	B	2.50	(E) LTG - OFFICES	20	1	C		4
5		C	20	1	(E) LTG - CHILD LAB #1	3.30	C		SPARE	20	1			6
7		C	20	1	(E) LTG - TODDLER, INFANT	2.90	A	3.20	(E) LTG - CORRIDOR	20	1	C		8
9			20	1	SPARE		B	2.80	(E) LTG - CORRIDOR	20	1	C		10
11			20	1	SPARE		C		SPARE	20	1			12
13			20	1	SPARE		A		SPARE	20	1			14
15			20	1	SPARE		B		SPARE	20	1			16
17			20	1	SPARE		C		SPARE	20	1			18
19			20	1	SPARE		A		SPARE	20	1			20
21			20	1	SPARE		B		SPARE	20	1			22
23			20	1	SPARE		C		SPARE	20	1			24
25					SPACE		A	0.80		15	3	M		26
27					SPACE		B	0.80	EXHAUST FAN EF-10	-	-	M		28
29					SPACE		C	0.80		-	-	M		30

PHASE A	12.10	**SUBTOTAL**	**DEMAND CALCULATION**
PHASE B	8.10	21.90	CONTINUOUS LOAD (C) 125% 27.38
PHASE C	4.10	0.00	DEDICATED LOAD (D) 100% 0.00
		0.00	GENERAL LOAD (G) 100 1ST 10KVA, 50% REST 0.00
		2.40	LARGEST MOTOR 25% 0.60
		2.40	MOTOR LOAD (M) 100% 2.40
			TOTAL DEMAND 30.38
			AMPS @ 277/480 36.54

NOTES:
1 - NOT USED

PANEL NAME: (E) PNL 'MBL' | **PHASE** 3 | **VOLTAGE** 120/208 | **MCB** -----
LOCATION: STORAGE RM. 123 | **WIRE** 4 | **AIC** VERIFY WITH UTILITY | **MLO** 100 AMPS
FED FROM: (E) PNL 'CDAL'

CKT	NOTES	TYPE	T	P	DESCRIPTION	LOAD		LOAD	DESCRIPTION	T	P	TYPE	NOTES	CKT
1		M	20	1	(E) FCU-6	0.70	A	1.40	(E) FCU-1	20	1	M		2
3		M	20	1	(E) FCU-7	0.70	B	0.70	(E) FCU-2	20	1	M		4
5		M	20	1	(E) FCU-8	0.70	C	1.40	(E) FCU-3	20	1	M		6
7		M	20	1	(E) FCU-9	0.90	A	0.80	(E) FCU-4	20	1	M		8
9			20	1	SPARE		B	0.70	(E) FCU-5	20	1	M		10
11			20	1	SPARE		C		SPARE	20	1			12
13			20	1	SPARE		A		SPARE	20	1			14
15			20	1	SPARE		B		SPARE	20	1			16
17			20	1	SPARE		C		SPARE	20	1			18
19			20	1	SPARE		A		SPARE	20	1			20
21					SPACE		B		SPACE					22
23					SPACE		C		SPACE					24
25					SPACE		A		SPACE					26
27					SPACE		B		SPACE					28
29					SPACE		C		SPACE					30

PHASE A	3.80	**SUBTOTAL**	**DEMAND CALCULATION**
PHASE B	2.10	0.00	CONTINUOUS LOAD (C) 125% 0.00
PHASE C	2.10	0.00	DEDICATED LOAD (D) 100% 0.00
		0.00	GENERAL LOAD (G) 100 1ST 10KVA, 50% REST 0.00
ALL 20A/1P COMMON AREA RECEPTACLES SHALL BE TAMPER RESISTANT TYPE		1.40	LARGEST MOTOR 25% 0.35
		8.00	MOTOR LOAD (M) 100% 8.00
			TOTAL DEMAND 8.35
			AMPS @ 120/208 23.18

NOTES:
1 - NOT USED

PANEL NAME: (E) PNL 'AL' | **PHASE** 3 | **VOLTAGE** 120/208 | **MCB** -----
LOCATION: ELECTRICAL RM. 142 | **WIRE** 4 | **AIC** VERIFY WITH UTILITY | **MLO** 225 AMPS
FED FROM: (E) PNL 'CDAL'

CKT	NOTES	TYPE	T	P	DESCRIPTION	LOAD		LOAD	DESCRIPTION	T	P	TYPE	NOTES	CKT
1		G	20	1	(E) REC - KITCHEN	0.80	A	1.00	(E) REC - OFFICES, CORR	20	1	G		2
3		G	20	1	(E) REC -	1.20	B	1.50	(E) REC - OFFICES, COMPUTER	20	1	G		4
5		G	20	1	(E) REC - DEV.	1.00	C	1.00	(E) REC - OFFICES, COMPUTER	20	1	G		6
7		G	20	1	(E) REC - CONFERENCE	1.20	A	1.00	(E) REC, OFFICE TOILET, EXH. FAN	20	1	G		8
9		G	20	1	(E) REC - CONFERENCE	1.00	B	0.80	(E) REC, OFFICE TOILET, EXH. FAN	20	1	G		10
11		G	20	1	(E) REC - CONFERENCE	1.20	C	1.00	(E) REC, OFFICE TOILET, EXH. FAN	20	1	G		12
13		G	20	1	(E) REC - ISOLATION LAB	0.80	A	0.00	(E) REC, OFFICE COPIER	20	1	G		14
15		M	20	1	(E) EF - 7	1.00	B	1.50	(E) REC, OFFICE	20	1	G		16
17	1	G	20	1	**(N) RM. 121 COUNTER RCPTS**	0.36	C	1.20	(E) REC, COMPUTER	20	1	G		18
19	1	G	20	1	**(N) RM. 120 COUNTER RCPTS**	0.54	A	1.20	(E) REC, ELECTRICAL RM	20	1	G		20
21	1	G	20	1	**(N) RM. 120 COUNTER RCPTS**	0.72	B	0.40	(E) FCH CONTROL	20	1	D		22
23	1	G	20	1	**(N) RM. 120 COUNTER RCPTS**	0.54	C	0.80	(E) REC	20	1	G		24
25	1	G	20	1	**(N) RM. 120 REF**	0.60	A	0.80	(E) TELEPHONE	20	1	G		26
27		D	20	1	(E) HEAT TRACE CABLE	1.00	B	0.40	(E) TELEPHONE	20	1	G		28
29		D	20	1	(E) CCTV EQPT 121	0.80	C	0.40	(E) BOILER B-1	20	1	M		30
31		D	20	1	(E) VIDEO EQPT 121	0.80	A	0.40	(E) EXTERIOR LTG	20	1	C		32
33		D	20	1	(E) COMPUTER 106, 107	0.60	B	0.90	(E) EXTERIOR LTG	20	1	C		34
35		M	20	1	(E) EF- 11 - ELECTRICAL RM	0.40	C	1.20	(E) WASHER	20	1	D		36
37		G	20	1	(E) MIRCROWAVE - LOUNGE 107	1.20	A	1.20	(E) WASHER	20	1	D		38
39		G	20	1	(E) COFFEE - LOUNGE 107	1.20	B	2.00	(E) DRYER	20	1	D		40
41		G	20	1	(E) REFRIG. - LOUNGE 107	1.20	C	2.00	(E) DRYER	20	1	D		42

PHASE A	11.54	**SUBTOTAL**	**DEMAND CALCULATION**
PHASE B	14.22	1.30	CONTINUOUS LOAD (C) 125% 1.63
PHASE C	13.10	10.00	DEDICATED LOAD (D) 100% 10.00
		25.76	GENERAL LOAD (G) 100 1ST 10KVA, 50% REST 17.88
		1.00	LARGEST MOTOR 25% 0.25
		1.80	MOTOR LOAD (M) 100% 1.80
			TOTAL DEMAND 31.56
			AMPS @ 120/208 87.59

NOTES:
1 - UTILIZE EXISTING SPARE

PANEL NAME: (E) PNL 'BL' | **PHASE** 3 | **VOLTAGE** 120/208 | **MCB** -----
LOCATION: STORAGE RM. 123 | **WIRE** 4 | **AIC** VERIFY WITH UTILITY | **MLO** 225 AMPS
FED FROM: (E) PNL 'CDAL'

CKT	NOTES	TYPE	T	P	DESCRIPTION	LOAD		LOAD	DESCRIPTION	T	P	TYPE	NOTES	CKT
1		G	20	1	(E) RE. LTG - INFANT LAUNDRY	1.10	A	1.00	(E) EF -1, CHILDREN LAB #3	20	1	M		2
3		M	20	1	(E) EF-6	1.90	B	1.00	(E) REC - CHILDREN LAB #3	20	1	G		4
5		M	20	1	(E) EF-4	0.80	C	1.20	(E) REC - CHILDREN LAB #3	20	1	G		6
7		D	20	1	(E) REFRIG.	1.00	A	1.20	(E) REC - CHILDREN LAB #3	20	1	G		8
9		D	20	1	(E) MIROWAVE	1.20	B	1.00	(E) MIROWAVE	20	1	D		10
11		D	20	1	(E) REFRIG.	1.00	C	1.20	(E) MIROWAVE	20	1	D		12
13		D	20	1	(E) MICROWAVE	1.20	A	1.00	(E) EF-2, CHILDREN LAB #2	20	1	M		14
15		D	20	1	(E) HEATERACE CABLE LAB #1	1.00	B	1.20	(E) REC - CHILDREN LAB #2	20	1	G		16
17		D	20	1	(E) HEATERACE CABLE LAB #1	1.00	C	1.20	(E) MIROWAVE	20	1	D		18
19		D	20	1	(E) HEATERACE CABLE LAB #1	1.00	A	1.20	(E) MIROWAVE	20	1	D		20
21	1	G	20	1	**(N) RM. 132 RCPT**	0.36	B	1.00	(E) EF-3, CHILDREN LAB #1	20	1	M		22
23	1	G	20	1	**(N) RM. 132 COUNTER RCPT**	0.54	C	1.20	(E) LTG, TODDLERS	20	1	C		24
25	1	G	20	1	**(N) RM. 125 RCPT**	0.36	A	1.20	(E) REC. TODDLERS	20	1	G		26
27	1	G	20	1	**(N) RM. 125 COUNTER RCPT**	0.72	B	1.00	(E) REC - OBSERV. RM #1	20	1	G		28
29	1	G	20	1	**(N) RM. 111 RCPT**	0.72	C	1.00	(E) REC - OBSERV. RM #1	20	1	G		30
31	1	G	20	1	**(N) RM. 111 REF**	0.60	A	1.20	(E) LTG - OBSERV. RM #1, #2	20	1	C		32
33	1	G	20	1	**(N) RM. 101 COPIER**	0.36	B	0.72	**(N) RM. 101 COUNTER RCPTS**	20	1	G	1	34
35		G	20	1	(E) TV MONITOR 126, 122, 133	0.40	C	0.72	**(N) RM. 101 COUNTER RCPTS**	20	1	G	1	36
37		G	20	1	(E) COMPUTER REC. 126, 122	0.80	A	0.36	**(N) RM. 107 COUNTER RCPTS**	20	1	G	1	38
39		G	20	1	(E) COMPUTER REC. 133,136	0.80	B	0.18	**(N) RM. 100 TV RCPT**	20	1	G	1	40
41		G	20	1	(E) HVAC CONTROL RM 123	0.80	C		SPARE	20	1			42

PHASE A	13.22	**SUBTOTAL**	**DEMAND CALCULATION**
PHASE B	12.44	2.40	CONTINUOUS LOAD (C) 125% 3.00
PHASE C	11.78	12.00	DEDICATED LOAD (D) 100% 12.00
		17.34	GENERAL LOAD (G) 100 1ST 10KVA, 50% REST 13.67
		1.90	LARGEST MOTOR 25% 0.48
		5.70	MOTOR LOAD (M) 100% 5.70
			TOTAL DEMAND 34.85
			AMPS @ 120/208 96.72

NOTES:
1 - UTILIZE EXISTING SPARE

PANEL NAME: (E) PNL 'CDAL' | **PHASE** 3 | **VOLTAGE** 120/208 | **MCB** 400 AMPS
LOCATION: ELECTRICAL RM. 142 | **WIRE** 4 | **AIC** VERIFY WITH UTILITY | **MLO** -----
FED FROM: (E) MSB 'CDAH'

CKT	NOTES	TYPE	T	P	DESCRIPTION	LOAD		LOAD	DESCRIPTION	T	P	TYPE	NOTES	CKT
1		M	20	1	(E) FCU-10	0.90	A	1.40	(E) FCU-13	20	1	M		2
3		M	20	1	(E) FCU-11	0.90	B		SPARE	20	1			4
5		M	20	1	(E) FCU-12	0.90	C	1.40	(E) FCU-14	20	1	M		6
7			20	1	SPARE		A	0.30	(E) FCU-15	20	1	M		8
9			20	1	SPARE		B	0.70	(E) FCU-16	20	1	M		10
11			20	1	SPARE		C	1.40	(E) FCU-17	20	1	M		12
13			20	1	SPARE		A	1.70	(E) FCU-18	20	1	M		14
15			20	1	SPARE		B	0.20	(E) WATER HEATER, CIRC, PUMP	20	1	G		16
17			20	1	SPARE		C	1.00	(E) GRIDDLE	20	1	D		18
19		G	20	2	(E) SINK HEATER	4.50	A	1.90	(E) REF. /FREEZER	20	1	D		20
21		G	-	-		4.50	B	0.90	(E) FIRE PROTECTION SYSTEM	20	1	D		22
23		G	20	2	(E) DISPOSER	0.90	C	0.90	(E) EXHAUST HOOD	20	1	D		24
25		G	-	-		0.90	A	0.60	(E) ICE MACHINE	20	1	D		26
27		G	20	2	(E) DISH MACHINE	4.00	B	2.30	(E) MICROWAVE	20	1	D		28
29		G	-	-		4.00	C	2.30	(E) MICROWAVE	20	1	D		30
31			20	1	SPARE		A	3.80	(E) PANEL 'MBL'	100	3	G		32
33			20	1	SPARE		B	2.10		-	-	G		34
35			20	1	SPARE		C	2.10		-	-	G		36
37		G	100	3	(E) PANEL 'AL'	11.54	A	13.22	(E) PANEL 'BL'	125	3	G		38
39		G	-	-		14.22	B	12.44		-	-	G		40
41		G	-	-		13.10	C	11.78		-	-	G		42

PHASE A	40.76	**SUBTOTAL**	**DEMAND CALCULATION**
PHASE B	42.26	0.00	CONTINUOUS LOAD (C) 125% 0.00
PHASE C	39.78	9.90	DEDICATED LOAD (D) 100% 9.90
		103.30	GENERAL LOAD (G) 100 1ST 10KVA, 50% REST 56.65
		0.00	LARGEST MOTOR 25% 0.00
		9.60	MOTOR LOAD (M) 100% 9.60
			TOTAL DEMAND 76.15
			AMPS @ 120/208 211.37

NOTES:
1 - NOT USED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWARTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

E00.2

POWER SCHEDULES

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-LTI-E**

This document is used to demonstrate compliance with requirements in 110.9, 110.12(c), 130.0, 130.1, 140.6 and 141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.

Project Name:	CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:**	**(Page 1 of 12)**
Project Address:	25555 HESPERIAN BLVD, HAYWARD, CA 94545	**Date Prepared:**	2025-08-01T16:40:49-04:00

A. GENERAL INFORMATION

01	Project Location (city)	HAYWARD	04	Total Conditioned Floor Area (ft²)	12,128
02	Climate Zone	3	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1
● Classroom					

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	12128	N/A	0
☐ New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)	12128			

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 /170.2(e)	Allowed Lighting Power per 140.6(b) /170.2(e) (Watts)						Adjusted Lighting Power per 140.6(a) /170.2(e) (Watts)				Compliance Results
	01	02	03	04		05	06	07		08	09
	Complete Building 140.6(c)1	Area Category 140.6(c)2 /170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 /170.2(e)4B (+)		**Total Allowed** (Watts)	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 /170.2(e)1B (-)		**Total Adjusted** (Watts) *Includes Adjustments	**05 must be >= 08 140.6 /170.2(e)**
	(See Table I)	(See Table I)	(See Table J)	(See Table K)			(See Table F)	(See Table P)			
Conditioned		5,829.9			=	5,829.9	5,719.9		=	5719.9	COMPLIES
Unconditioned					=				=		
Controls Compliance (See Table H for Details)											COMPLIES
Rated Power Reduction Compliance (See Table Q for Details)											

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Track Lighting has been included in this project, details are provided in Table G.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change [1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector	
									Pass	Fail
C1	CORRIDOR 4' LENGTH WALL MOUNTED WITH ROTATIONAL ARM MOUNT	No	NA	96	Mfr. Spec	6	No	576	☐	☐
C2	DISPLAY CABINET, ADJUSTABLE MAGNETIC TRACK	Yes	NA	40	See Other Section	1	No	40	☐	☐
C3	NOOK	No	NA	25	Mfr. Spec	3	No	75	☐	☐
C4	RECEPTION LIGHT	No	NA	28	Mfr. Spec	10	No	280	☐	☐
C5	2'X4' CEILING RECESSED LED	No	NA	34.2	Mfr. Spec	41	No	1,402.2	☐	☐
C6	4' LENGTH PENDANT LED	No	NA	28.4	Mfr. Spec	72	No	2,044.8	☐	☐
C7	8" DIA LED CEILING RECESSED LED DOWNLIGHT	No	NA	24.3	Mfr. Spec	49	No	1,190.7	☐	☐
C8	4' LENGTH LED CEILING SURFACE	No	NA	29.2	Mfr. Spec	1	No	29.2	☐	☐
C9	2'X4' NSF RATED CEILING LED	No	NA	41	Mfr. Spec	2	No	82	☐	☐
							Total Designed Watts: CONDITIONED SPACES	5,719.9		

[1]*FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B /170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2]*Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) /160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This table calculates wattage for modular lighting systems/ track lighting fixtures indicated on Table F and transfers wattage to Table F.

01	02	03						04
Name or Item Tag	Complete Track Description	Calculation Method per 130.0(c)6						Track Wattage
C2	DISPLAY CABINET, ADJUSTABLE MAGNETIC TRACK	☐	i Installed Luminaires vs Default 30 W/ft	☐	ii Current Limiter	☐	iii Overcurrent Protection Panel	☒ iv Power supplied by driver, power supply or transformer[1]	
		Maximum rated input wattage per manufacturer						40
		40						

[1]*FOOTNOTE: For power-over-Ethernet lighting systems, power provided to installed non-lighting devices may be subtracted from the total power rating of the power-over-Ethernet system.*

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
		Field Inspector	
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Pass	Fail
Required >= 4,000W subject to multilevel	See Area/Space Level Controls	☐	☐

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) /160.5(b)4A	Multi-Level Controls 130.1(b) /160.5(b)4B	Shut-Off Controls 130.1(c) //160.5(b)4C	Primary/Skylit Daylighting 130.1(d) /160.5(b)4D	Secondary Daylighting 130.1(d) /160.5(b)4D	Interlocked Systems 140.6(a)1/170.2(e)2A	Field Inspector	
								Pass	Fail
LOBBY 100	Main Entry Lobby	Auth. Personnel	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CORR 1 - 100-C1	Corridor	Auth. Personnel	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
RECEPTION 101	Main Entry Lobby	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
DIRECTOR 102	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
FILES ROOM 104	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
OFFICE 106	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CONFERENCE ROOM 107	Conference, Multipurpose and Meeting Area	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CONFERENCE ROOM 111	Conference, Multipurpose and Meeting Area	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
ISOLATION 112	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CUSTODIAL 114	Commercial Industrial Storage Area	Readily Accessible	NA: Enclosed area <1005F	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
OFFICE 143	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

LAB PREPARATION 120	Laboratory Area, Scientific	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CHILD DEVELOPMENT LAB 121	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CRIBS 116	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
LAUNDRY 115	Laundry	Readily Accessible	NA: Enclosed area <1005F	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CORR 2 - 100-C2	Corridor	Auth. Personnel	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
TODDLERS 122	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
OBSERVATION #1	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
OBSERVATION #2	Office (<=250 square feet)	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
PRESCHOOL #3	Classroom, Lecture, or Training Vocational	Readily Accessible	NA: Restrooms	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
PRESCHOOL #2	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
PRESCHOOL #1	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
KITCHEN 140	Kitchen/ Food Preparation	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
INFANT 117	Classroom, Lecture, or Training Vocational	Readily Accessible	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
							13		
							Plan Sheet Showing Daylit Zones:		

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment	
					Area Category	PAF
LOBBY 100	Main Entry Lobby	0.7	345	241.5	No	No
CORR 1 - 100-C1	Corridor	0.4	320	128	No	No
RECEPTION 101	Main Entry Lobby	0.7	300	210	No	No
DIRECTOR 102	Office (<=250 square feet)	0.65	115	74.75	No	No
FILES ROOM 104	Office (<=250 square feet)	0.65	96	62.4	No	No
OFFICE 106	Office (<=250 square feet)	0.65	96	62.4	No	No
CONFERENCE ROOM 107	Conference, Multipurpose and Meeting Area	0.75	153	114.75	No	No
CONFERENCE ROOM 111	Conference, Multipurpose and Meeting Area	0.75	454	340.5	No	No
ISOLATION 112	Office (<=250 square feet)	0.65	81	52.65	No	No
CUSTODIAL 114	Commercial Industrial Storage Area	0.4	52	20.8	No	No
OFFICE 143	Office (<=250 square feet)	0.65	85	55.25	No	No
LAB PREPARATION 120	Laboratory Area, Scientific	0.9	374	336.6	No	No
CHILD DEVELOPMENT LAB 121	Classroom, Lecture, or Training Vocational	0.6	970	582	No	No
CRIBS 116	Classroom, Lecture, or Training Vocational	0.6	116	69.6	No	No
LAUNDRY 115	Laundry	0.45	80	36	No	No
CORR 2 - 100-C2	Corridor	0.4	1,054	421.6	No	No
TODDLERS 122	Classroom, Lecture, or Training Vocational	0.6	599	359.4	No	No
OBSERVATION #1	Office (<=250 square feet)	0.65	169	109.85	No	No
OBSERVATION #2	Office (<=250 square feet)	0.65	164	106.6	No	No
PRESCHOOL #3	Classroom, Lecture, or Training Vocational	0.6	888	532.8	No	No
PRESCHOOL #2	Classroom, Lecture, or Training Vocational	0.6	897	538.2	No	No

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

PRESCHOOL #1	Classroom, Lecture, or Training Vocational	0.6	1,099	659.4	No	No
KITCHEN 140	Kitchen/ Food Preparation	0.95	275	261.25	No	No
INFANT 117	Classroom, Lecture, or Training Vocational	0.6	756	453.6	No	No
		TOTALS:	9,538	5,829.9	See Tables J, or P for detail	

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWATER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
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8		
9		
10		
11		
12		

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

E00.5

TITLE 24 FORMS

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:** (Page 10 of 12)
	Date Prepared: 2025-08-01T16:40:49-04:00

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:** (Page 11 of 12)
	Date Prepared: 2025-08-01T16:40:49-04:00

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	LOBBY 100; CORR 1 - 100-C1; RECEPTION 101; DIRECTOR 102; FILES ROOM 104; OFFICE 106; CONFERENCE ROOM 107; CONFERENCE ROOM 111; ISOLATION 112; CUSTODIAL 114; OFFICE 143; LAB PREPARATION 120; CHILD DEVELOPMENT LAB 121; CRIBS 116; LAUNDRY 115; CORR 2 - 100-C2; TODDLERS 122; OBSERVATION #1; OBSERVATION #2; PRESCHOOL #3; PRESCHOOL #2; PRESCHOOL #1; KITCHEN 140; INFANT 117
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	LOBBY 100; CORR 1 - 100-C1; RECEPTION 101; DIRECTOR 102; FILES ROOM 104; OFFICE 106; CONFERENCE ROOM 107; CONFERENCE ROOM 111; ISOLATION 112; CUSTODIAL 114; OFFICE 143; LAB PREPARATION 120; CHILD DEVELOPMENT LAB 121; CRIBS 116; LAUNDRY 115; CORR 2 - 100-C2; TODDLERS 122; OBSERVATION #1; OBSERVATION #2; PRESCHOOL #3; PRESCHOOL #2; PRESCHOOL #1; KITCHEN 140; INFANT 117

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:** (Page 12 of 12)
Project Address: 25555 HESPERIAN BLVD, HAYWARD, CA 94545	**Date Prepared:** 2025-08-01T16:40:49-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Mao Song Li	
Company:	Signature Date:
EDesignC, Inc	08/01/2025
Address: 582 Market Street	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: San Francisco, CA 94104	Phone: (415) 963-4303

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Stephen Howarter	Responsible Designer Signature:
Company: EDesignC, Inc.	Date Signed: 08/01/2025
Address: 582 Market Street	License: E18568
City/State/Zip: San Francisco, CA 94104	Phone: (415) 963-4303

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.	
Project Name: CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:** (Page 1 of 7)
Project Address: 25555 HESPERIAN BLVD, HAYWARD, CA 94545	**Date Prepared:** 2025-08-01T14:25:16-04:00

A. GENERAL INFORMATION

01	Project Location (city)	HAYWARD	04 Total Illuminated Hardscape Area (ft^2)	432
02	Climate Zone	3		
03	Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):			
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval	
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas		
05	Occupancy Types within Project			
• Classroom				

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02		
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6		
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	Yes	No
03	04	05	
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method	
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%			

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

STATE OF CALIFORNIA
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CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-LTO-E
Project Name: CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:** (Page 2 of 7)
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C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv											Compliance Results		
01		02		03		04		05		06	07	08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	= **Total Allowed** (Watts)	≥	**Total Actual** (Watts)	**07 must be >= 08**
295.67	+	---	+	---	+	---	+	---	OR	---	= 295.67	≥	189	COMPLIES
										Shielding Compliance (See Table G for Details)				N/A
										Controls Compliance (See Table H for Details)				COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with unedittable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1, 2]	How is Wattage determined	Total Number Luminaires [2]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) /160.5(c)1 [4]	Field Inspector	
										Pass	Fail
E1	EXTERIOR WALL LED	☐ Linear	27	Mfr. Spec	7	New	☐	189	NA: < 6200 lumens	☐	☐
							Total Design Watts:	189			

** NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.*
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)

[2] For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

[3] Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.

[4] Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

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H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 150.5(c)	Field Inspector	
				Pass	Fail
WALKWAY: "E1"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1] FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
[2] Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.
[3] Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

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I. LIGHTING POWER ALLOWANCE (per 140.7 /170.2(e))

This table includes areas using allowance calculations per 140.7 /170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01				
	"Use it or lose it" Allowance (select all that apply) (select all that apply)				
	☒ General Hardscape Allowance Table I (below)	☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft^2)	Allowed Density (W/ft^2)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
WALKWAY	432	0.021	9.07	183	0.2	36.6	45.67
					Initial Wattage Allowance for Entire Site (Watts):		250
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		295.67

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

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M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	WALKWAY: "E1"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWARTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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E00.6

TITLE 24 FORMS

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name:	CHABOT EARLY CHILDHOOD AND PLAY YARD	**Report Page:** (Page 7 of 7)
Project Address:	25555 HESPERIAN BLVD, HAYWARD, CA 94545	**Date Prepared:** 2025-08-01T14:25:16-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Mao Song LI	Documentation Author Signature:
Company: EDesignC, Inc	Signature Date: 08/01/2025
Address: 582 Market Street	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: San Francisco, CA 94104	Phone: (415) 963-4303

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Stephen Howarter	Responsible Designer Signature:
Company: EDesignC, Inc.	Date Signed: 08/01/2025
Address: 582 Market Street	License: E18568
City/State/Zip: San Francisco, CA 94104	Phone: (415) 963-4303

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
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OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWARTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

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DATE ISSUED: 03/13/26
SCALE: As indicated

E00.7

TITLE 24 FORMS

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582 MARKET STREET, SUITE 400
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212 9TH STREET, SUITE 203
OAKLAND, CA 94607

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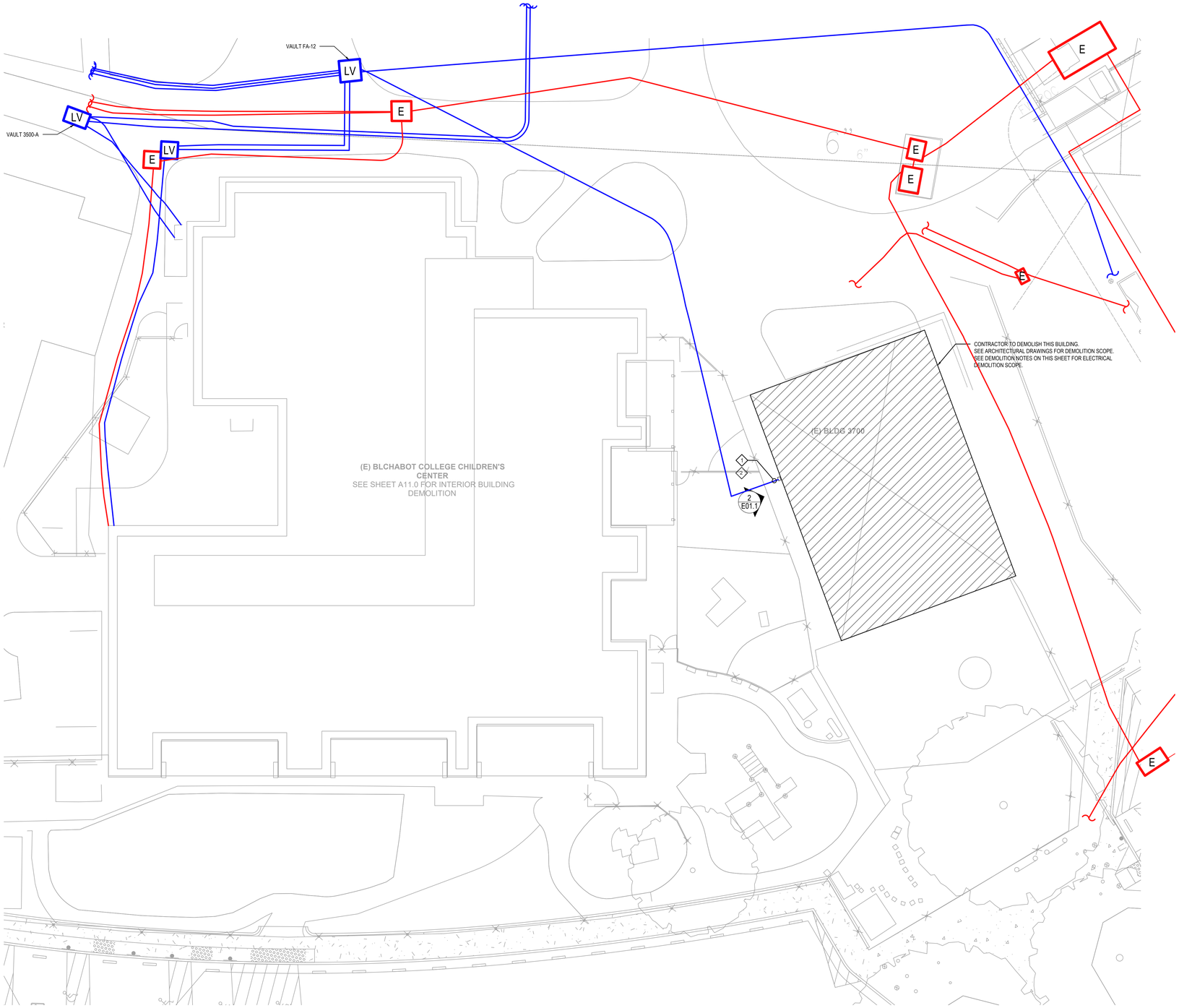


1 ENLARGED DEMOLITION SITE PLAN - ELECTRICAL

SCALE: 1" = 10'-0"

DEMOLITION NOTES

GENERAL REQUIREMENTS:

A. VERIFY ALL EXTERNAL ELECTRICAL AND TELECOM UTILITIES ARE ISOLATED, DISCONNECTED, AND CERTIFIED SAFE BY THE RELEVANT AUTHORITY PRIOR TO STARTING DEMOLITION.

B. IMPLEMENT FULL LOCKOUT/TAGOUT (LOTO) AT ALL EXTERNAL FEEDER PILLARS, CABINETS, POWER POLES, AND TELECOM DISTRIBUTION POINTS.

C. CONTRACTOR SHALL LOCATE AND VERIFY UNDERGROUND SERVICES USING APPROVED METHODS (AS-BUILT DRAWINGS, SCANNING, TRIAL PITS).

ELECTRICAL SYSTEM:

1. INCOMING POWER/DISTRIBUTION:
   - 1.1. DISCONNECT AND REMOVE MAIN INCOMING POWER SUPPLY (CABLES, CONDUITS, BREAKERS) FROM UTILITY OR UPSTREAM DISTRIBUTION PANEL.
   - 1.2. REMOVE MAIN DISTRIBUTION PANELS AFTER CONFIRMING ZERO VOLTAGE.
   - 1.3. LABEL AND DOCUMENT ALL REMOVED BREAKERS, CIRCUITS, AND CABLE SIZES FOR RECORD.

TELECOM SYSTEM:

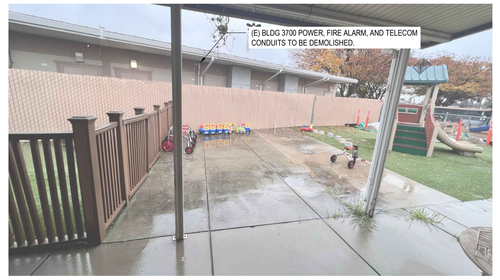
1. STRUCTURED CABLING:
   - 1.1. DISCONNECT AND REMOVE ALL CAT6/CAT6A CABLES, FIBER OPTIC CABLES, PATCH PANELS, DATA MODULES, FACEPLATES, AND CONDUITS.
   - 1.2. ENSURE FIBER CABLES ARE HANDLED WITH CARE; REMOVE ONLY AFTER CONFIRMING ISOLATION FROM UPSTREAM NETWORK RACKS. FIBER AND COPPER BACKBONES NEED TO BE DEMOLISHED BACK TO IDF IN BUILDING B3500.
   - 1.3. REMOVE CABLE RACEWAYS AND RACKS.
   - 1.4. TELECOMMUNICATIONS DEMO MUST BE PERFORMED BY A COMMSCOPE CERTIFIED CONTRACTOR.

SHEET NOTES

1. EXISTING UNDERGROUND CONDUITS FOR POWER, FIRE ALARM, AND LOW VOLTAGE. VERIFY EXACT PATHWAY IN FIELD. CONDUITS ABOVE GROUND TO BE REMOVED.
2. DEMOLISH TELECOMMUNICATIONS CONDUITS BACK TO TELECOMMUNICATIONS VAULT AFTER FIBER/COPPER BACKBONES ARE REMOVED BY CERTIFIED TELECOM CONTRACTOR.

SITE PLAN KEY

- E — (E) ELECTRICAL IN GROUND VAULT OR PULLBOX
- LV — (E) LOW VOLTAGE IN GROUND VAULT OR PULLBOX
- (E) ELECTRICAL U.G. CONDUIT INFRASTRUCTURE
- (E) LOW VOLTAGE U.G. CONDUIT INFRASTRUCTURE



2 PLAY YARD

SCALE: NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWATER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178

DATE ISSUED: 03/13/26

SCALE: As indicated

E01.1

ENLARGED DEMOLITION SITE PLAN - ELECTRICAL

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
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OAKLAND, CA 94607

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PLEASANT HILL, CA 94523

(415) 963-4303

GENERAL NOTES

A. ALL TELECOM CABLING NOT SHOWN FOR DEMOLITION IS TO BE PROTECTED IN PLACE. ANY CABLES DAMAGED BY CONTRACTORS WILL BE REPLACED WITH NEW COMMSCOPE SYSTIMAX CATEGORY 6A CABLING AT NO COST TO THE OWNER.

B. REMOVE EXISTING TELEPHONE AND DATA HARDWIRED PORTS AT AREAS SHOWN. CABLING TO BE REMOVED BACK TO SERVING IDF PATCH PANEL.

C. CONTRACTOR SHALL PROTECT ALL EXISTING DEVICES, EQUIPMENT, AND WIRING TO REMAIN. ANY DAMAGE TO EXISTING SYSTEMS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

D. TELECOMMUNICATIONS DEMO MUST BE PERFORMED BY A COMMSCOPE CERTIFIED CONTRACTOR.

SHEET NOTES

1. EXISTING TIMECLOCK SHALL BE RELOCATED WITHIN THE SAME AREA. VERIFY LOCATION IN FIELD AND CONFIRM NEW LOCATION WITH EOR PRIOR TO WORK.
2. ALL AV EQUIPMENT AND CABLING IN CLASSROOM 121 MUST BE PROTECTED IN PLACE.
3. DEMOLISH EXISTING DOORBELL PUSH BUTTON, TRANSFORMER, SOUNDER, AND ASSOCIATED WIRING.
4. REMOVE EXISTING INTERCOM MASTER AND DOOR STATION. PROTECT FOR REINSTALLATION.

(E) SECURITY SYSTEM PANELS

(E) NETWORK CABINET

(E) SURFACE MOUNTED CONDUIT SHALL BE CONCEAL IN WALL. COORDINATE WITH ARCHITECTURAL DRAWINGS.

(D) DOORBELL

(E) PNL 'AH'

(E) PNL 'CDAL'

(E) PNL 'AL'

(E) MSB 'CDAH'

(E) PNL 'BL'

(E) PNL 'MBL'

(E) TIMECLOCK

1 ELECTRICAL DEMOLITION FLOOR PLAN

SCALE: 3/16"=1'-0"

TRUE N

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PROJECT NO: 2023-40178

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SCALE: As indicated

E11.0

ELECTRICAL DEMOLITION FLOOR PLAN

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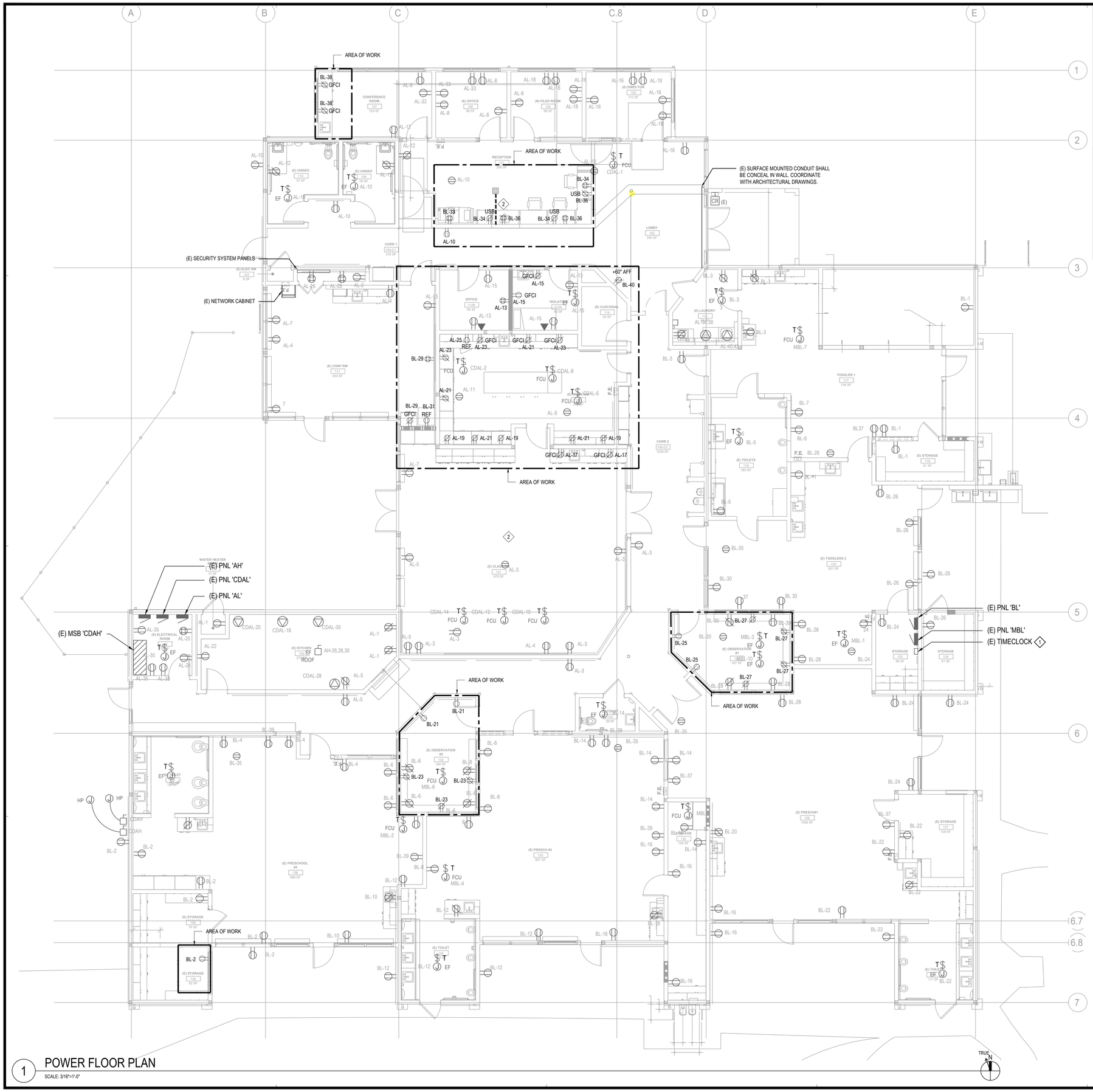

1 POWER FLOOR PLAN

SCALE: 3/16"=1'-0"

GENERAL NOTES

A. EXISTING PANELS SHALL REMAIN.

B. FURNISH AND INSTALL NEW DEVICES AT SPACES MARKED "AREA OF WORK" ON PLAN.

C. UTILIZE EXISTING AREA CIRCUITS FOR NEW ELECTRICAL DEVICES. CONTRACTOR SHALL UPDATE PANEL SCHEDULES WITH NEW OR MODIFIED LOADS. UTILIZE EXISTING WIRING.

D. NOT ALL EXISTING CONDITIONS ARE SHOWN ON PLANS. VERIFY EXISTING CONDITIONS AND LOCATIONS OF ELECTRICAL DEVICES IN AREAS OF WORK PRIOR TO DEMOLITION.

E. WHERE EXISTING CONDITIONS ALLOW, MAINTAIN AND RE-USE CURRENT ELECTRICAL WIRING AND PATHWAYS TO MINIMIZE DISRUPTION AND SUPPORT COST-EFFECTIVE INSTALLATION.

F. ALL CONDUITS MUST BE CONCEALED.

G. ELECTRICAL COUNTER RECEPTACLES SHALL COMPLY WITH CBC CHAPTER 11B. FOR SIDE REACH OVER OBSTRUCTIONS, PROVIDE 34" MAX OBSTRUCTION HEIGHT, 24" MAX OBSTRUCTION DEPTH, AND 46" MAX RECEPTACLE HEIGHT AFF WHERE REACH DEPTH EXCEEDS 10". COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS.

SHEET NOTES ◈

1. EXISTING TIMECLOCK SHALL BE RELOCATED WITHIN THE SAME AREA. VERIFY LOCATION IN FIELD AND CONFIRM NEW LOCATION WITH EOR PRIOR TO WORK.
2. ROUTE BRANCH CIRCUIT WIRING THROUGH TRENCH AND COLUMN BACK TO PANELS BL AND AL. SEE ARCHITECTURAL DRAWINGS FOR TRENCH INFORMATION.

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STEPHEN HOWALTER
E18568
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ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

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DATE ISSUED: 03/13/26
SCALE: As indicated

E11.1

POWER FLOOR PLAN

EDesignC Incorporated

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(415) 963-4303



1 LOW VOLTAGE FLOOR PLAN

SCALE: 3/16"=1'-0"

GENERAL NOTES

A. COORDINATE LOW VOLTAGE DEVICES WITH ELECTRICAL AND ARCHITECTURAL SHEETS FOR EXACT LOCATIONS.

B. ALL ITEMS LISTED OR SHOWN SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR, UNLESS OTHERWISE NOTED.

C. REFER TO E70.1 FOR AUDIO AND VISUAL RISER DIAGRAM.

D. ALL TELECOM CABLING NOT SHOWN FOR DEMOLITION IS TO BE PROTECTED IN PLACE. ANY CABLES DAMAGED BY CONTRACTORS WILL BE REPLACED WITH NEW COMMSCOPE SYSTIMAX CATEGORY 6A CABLING AT NO COST TO THE OWNER.

E. SEE ARCHITECTURAL DRAWINGS.

F. ALL CONDUITS MUST BE CONCEALED.

SHEET NOTES

1. REPLACE EXISTING CAMERA WITH NEW IN EXISTING LOCATION.
2. PROVIDE TYPE B OUTLET ABOVE ACCESSIBLE CEILING OF ROOM "123" WITH 1-1/4" CONDUIT TO EXTERIOR CAMERA LOCATION. PROVIDE OSP RATED PATCH CABLE FROM INTERIOR OUTLET TO EXTERIOR CAMERA.
3. PROVIDE TYPE B OUTLET ABOVE ACCESSIBLE CEILING OF ROOM "112A" WITH 1-1/4" CONDUIT TO CAMERA LOCATION.
4. ROUTE CABLING THROUGH TRENCH AND COLUMN BACK TO EXISTING IDF. SEE ARCHITECTURAL DRAWINGS FOR TRENCH INFORMATION.
5. REINSTALL EXISTING INTERCOM DOOR AND MASTER STATIONS. ROUTE NEW CONDUIT AND WIRING CONCEALED THROUGH CEILING TO COLUMN SHOWN IN RECEPTION 101. FOLLOW COMMUNICATIONS CABLING DOWN COLUMN, THROUGH TRENCH AND WITHIN RECEPTION WALL TO NEW MASTER STATION LOCATION.
6. FURNISH AND INSTALL NEW DOORBELL BUTTON, SOUNDER, AND TRANSFORMER TO MATCH EXISTING. VERIFY FINISH AND MODEL WITH ARCHITECT PRIOR TO FURNISHING. VERIFY SOUNDER LOCATION WITH OWNER PRIOR TO INSTALLATION.
7. BACKBOX AND CONDUIT MUST BE CONCEALED WITHIN EXISTING WALL. CONDUIT MUST EXTEND TO ACCESSIBLE CEILING OR IDF ROOM. SEE ARCHITECTURAL DEMOLITION SHEET KEYNOTE D0118.
8. PROVIDE LEGRAND TRIPLE CHANNEL FLUSH MOUNTED RACEWAY, FOR TELECOM CABLING, THIS TRENCH NEEDS TO ROUTE TWO (2) 2" CONDUITS COMPLETELY ENCASED IN CONCRETE – 2" ABOVE CONDUIT TO FINISH GRADE AND 2 BELOW CONDUIT TO SOIL. CONDUITS WILL SWEEP AT PILLAR AND UP INTO FURNITURE CHASE WITH A SWEEP OF 6 X THE DIAMETER OF THE CONDUITS. CONDUITS (EMT) WILL CONTINUE UP THE PILLAR AND STUB INTO ACCESSIBLE CEILING SPACE. ADD CONDUITS NEEDED FOR ELECTRICAL, ELECTRICAL AND TELECOM CONDUITS WILL BE SEPARATED BY 3" OF CONCRETE IN THE GROUND.

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APP: 01-122494 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWALTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178

DATE ISSUED: 03/13/26

SCALE: As indicated

E11.2

LOW VOLTAGE FLOOR PLAN

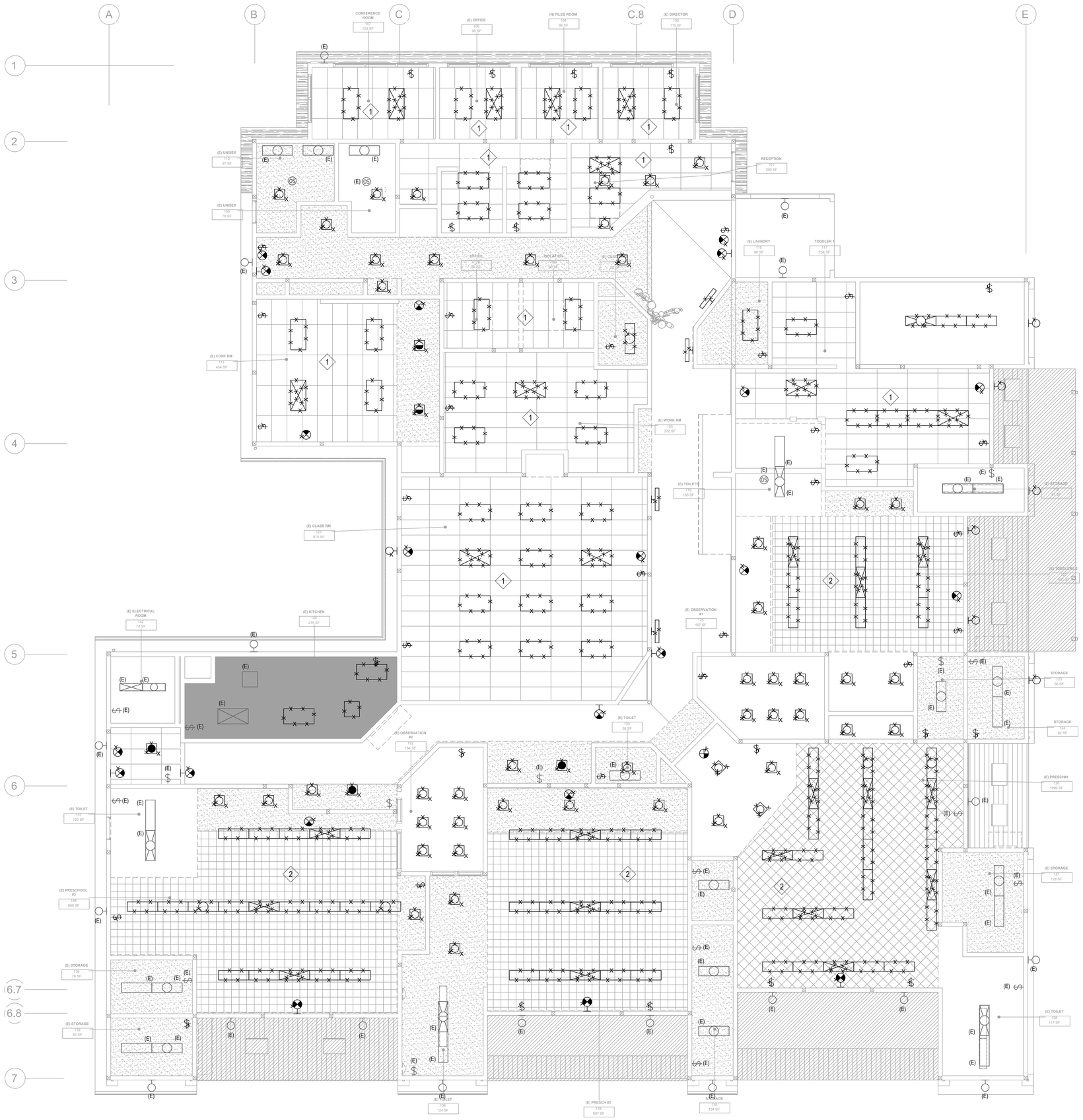
EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303



1 LIGHTING DEMOLITION PLAN

SCALE: 3/16"=1'-0"

GENERAL NOTES

A. NOT ALL EXISTING CONDITIONS ARE SHOWN ON PLANS. VERIFY EXISTING CONDITIONS AND LOCATIONS OF ELECTRICAL DEVICES IN AREAS OF WORK PRIOR TO DEMOLITION.

B. CONTRACTOR SHALL PROTECT ALL EXISTING DEVICES, EQUIPMENT, AND WIRING TO REMAIN. ANY DAMAGE TO EXISTING SYSTEMS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

SHEET NOTES (#)

1. REMOVE AND REPLACE EXISTING 2X4 RECESSED FIXTURE WITH NEW.
2. REMOVE AND REPLACE EXISTING STEM MOUNTED 1X4 AND 2X4 WITH LINEAR PENDANT.
3. REMOVE AND REPLACE EXISTING 8" CAN RECESSED LIGHTS WITH NEW.

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E14.0

LIGHTING DEMOLITION PLAN

EDesignC Incorporated

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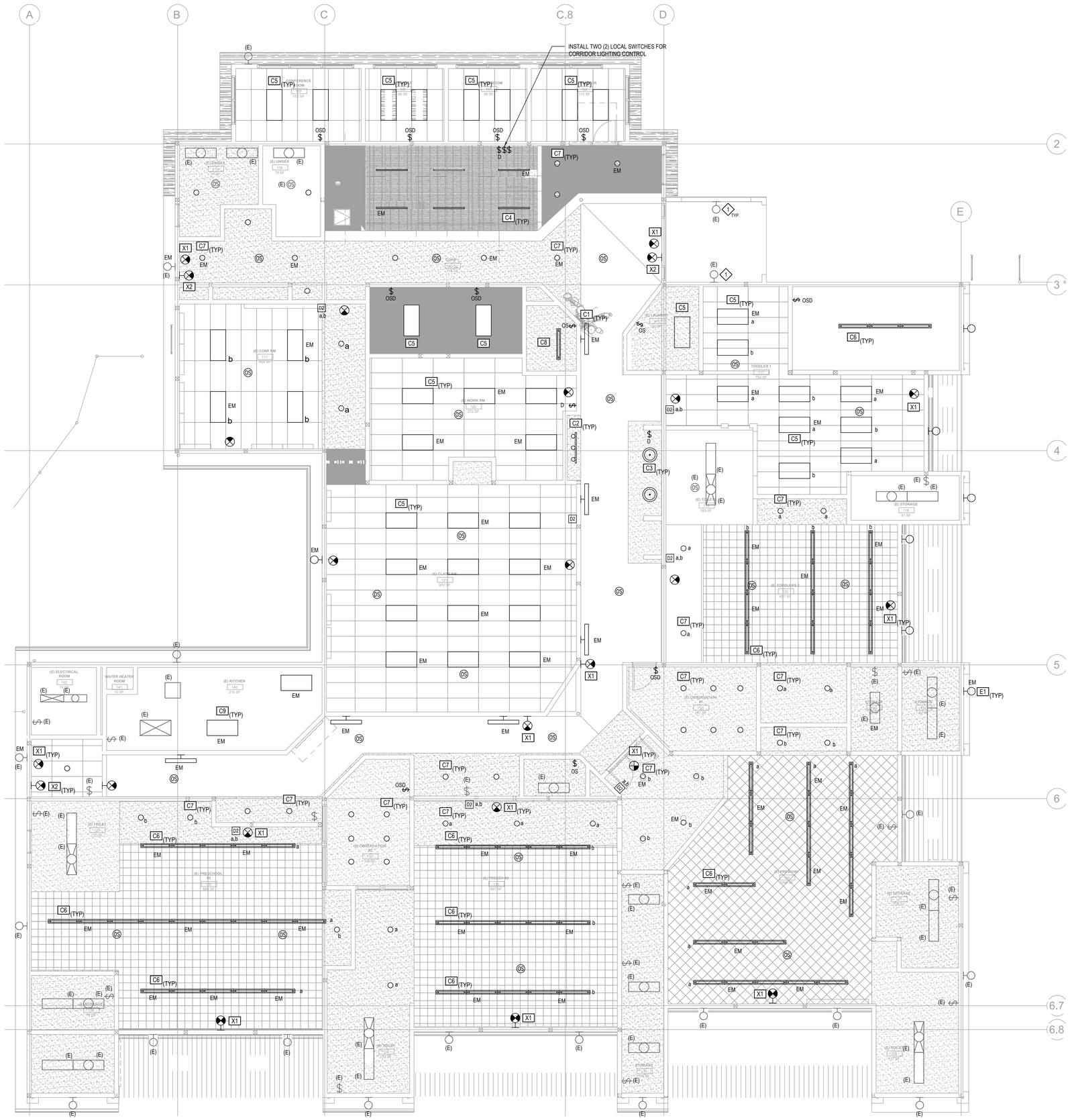
INSTALL TWO (2) LOCAL SWITCHES FOR CORRIDOR LIGHTING CONTROL
A
B
C
C.8
D
E
2
3
4
5
6
6.7
6.8
(E) ELECTRICAL ROOM 141 75 SF
WATER HEATER ROOM 141 10 SF
(E) KITCHEN 160 275 SF
(E) CONFERENCE ROOM 109 153 SF
(E) LOCKER 109 36 SF
(E) LOCKER 109 36 SF
(E) LOCKER 109 115 SF
(E) LOCKER 109 78 SF
(E) CONF RM 111 454 SF
(E) WORK RM 120 372 SF
(E) CLASS RM 123 970 SF
(E) LAUNDRY 117 BATTERY CHARGING 24 SF
TODDLER 1 117 704 SF
(E) STORAGE 116 91 SF
(E) OBSERVATION 107 156 SF
(E) PRESCHOOL 105 657 SF
(E) TOILET 104 120 SF
(E) TOILET 103 120 SF
(E) STORAGE 102 91 SF
(E) OBSERVATION 101 156 SF
(E) PRESCHOOL 100 657 SF
(E) STORAGE 118 91 SF
(E) TODDLER 2 121 661 SF
(E) OBSERVATION 122 156 SF
(E) STORAGE 119 91 SF
(E) TOILET 115 120 SF
(E) TOILET 114 120 SF
(E) STORAGE 113 91 SF
(E) PRESCHOOL 112 657 SF
(E) STORAGE 110 91 SF
(E) TOILET 108 120 SF
(E) TOILET 106 120 SF
(E) STORAGE 102 91 SF
(E) STORAGE 118 91 SF
(E) STORAGE 119 91 SF
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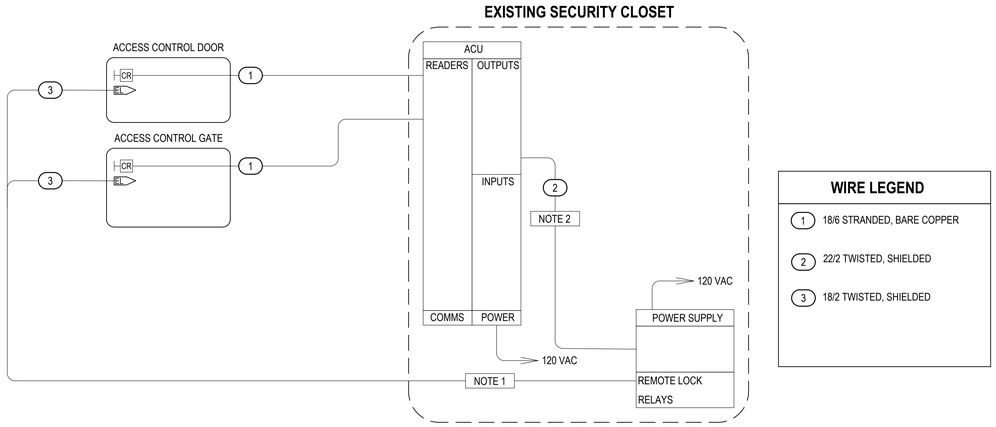
(E) STORAGE 113 91 SF
(E) STORAGE 108 91 SF
(E) STORAGE 106 91 SF
(E) STORAGE 102 91 SF
(E) STORAGE 102 91 SF
(E) STORAGE 102

GENERAL NOTES

A. DISTRIBUTION SYSTEM AND PANELBOARDS ARE EXISTING TO REMAIN. CONTRACTOR SHALL RE-TORQUE BOLTS AT ALL PANELS.

B. CONTRACTOR SHALL TEST GROUNDING SYSTEM AND CONFIRM SYSTEMS ARE WORKING WITHIN NECA STANDARDS.



WIRE LEGEND

1	18/6 STRANDED, BARE COPPER
2	22/2 TWISTED, SHIELDED
3	18/2 TWISTED, SHIELDED

NOTES:
1. POWER FOR ELECTRONIC LATCHING DEVICES.
2. CONNECTION BETWEEN ACCESS CONTROL SYSTEM AND POWER SUPPLY.

4 ACCESS CONTROL DEVICE WIRING, TYPICAL

SCALE: SCHEMATIC

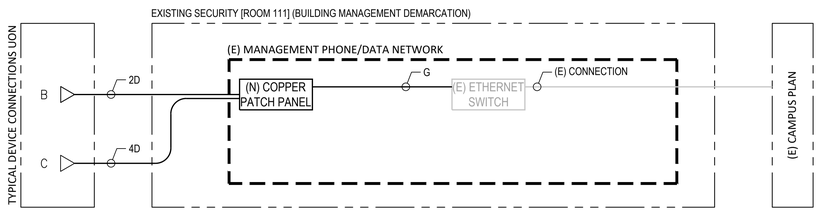
CABLE SCHEDULE

D = AUGMENTED CATEGORY 6, 4-PAIR CABLE (CAT6A)
RJ45 JACKS

G = COPPER PATCH CABLES
FACTORY PRE-TERMINATED RJ45 CONNECTORS
PROVIDE 20% SPARE

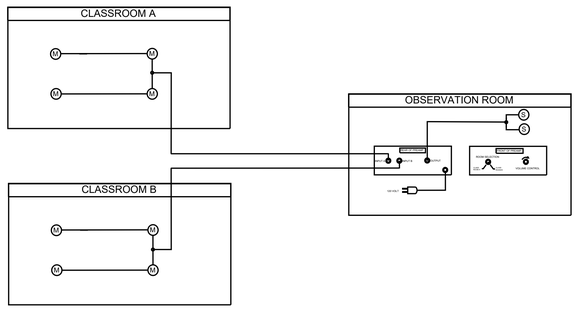
CONTRACTOR WILL VERIFY PATCH CORD LENGTHS, COLORS, AND QUANTITIES WITH CLPCCD ITS BEFORE ORDERING.

#X
# = NUMBER OF WIRES
X = TYPE OF WIRE



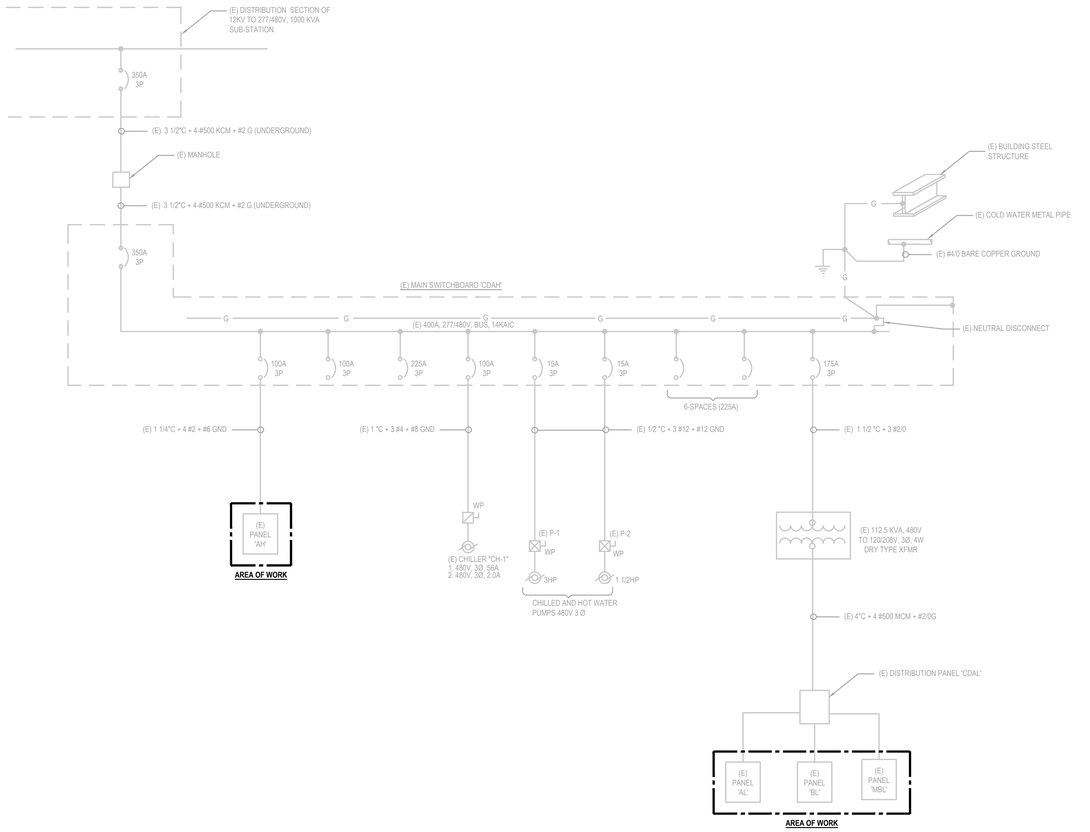
3 STRUCTURED CABLING SCHEMATIC

SCALE: SCHEMATIC



2 AUDIO AND VISUAL RISER DIAGRAM

SCALE: SCHEMATIC



1 EXISTING SINGLE LINE DIAGRAM

SCALE: SCHEMATIC

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E18568
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SCALE: As indicated

E70.1

RISER DIAGRAMS

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ENGINEERING DESIGN COLLABORATIVE
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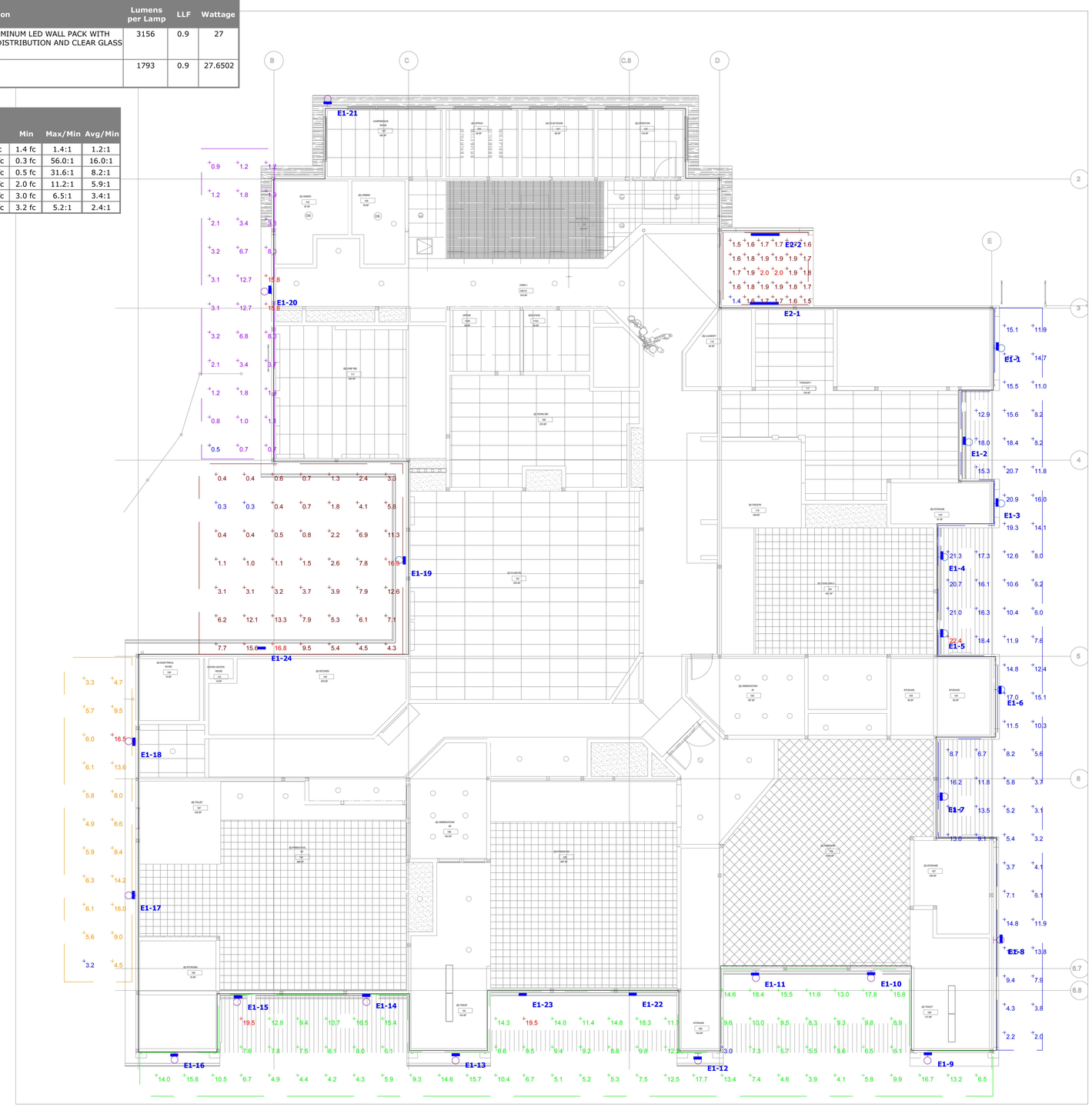
Schedule

Symbol	Label	QTY	Catalog Number	Description	Lumens per Lamp	LLF	Wattage
	E1	24	VWPx-L30-840-T3-xxx-CGL-DIM-UNV	CAST ALUMINUM LED WALL PACK WITH TYPE III DISTRIBUTION AND CLEAR GLASS LENS	3156	0.9	27
	E2	2	EXISTING	EXISTING	1793	0.9	27.6502

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BLDG ENTRY - 1FC @ FLR	+	1.7 fc	2.0 fc	1.4 fc	1.4:1	1.2:1
COURTYARD - 1FC @ FLR	+	4.8 fc	16.8 fc	0.3 fc	56.0:1	16.0:1
EXIT EGRESS 2 - 1FC @ FLR	+	4.1 fc	15.8 fc	0.5 fc	31.6:1	8.2:1
PLAN EAST BLDG EXTERIOR - 1FC @ FLR	+	11.8 fc	22.4 fc	2.0 fc	11.2:1	5.9:1
PLAN SOUTH BLDG EXTERIOR - 1FC @ FLR	+	10.1 fc	19.5 fc	3.0 fc	6.5:1	3.4:1
PLAN WEST EXIT EGRESS - 1FC @ FLR	+	7.7 fc	16.5 fc	3.2 fc	5.2:1	2.4:1



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BLDG EXTERIOR PHOTOMETRICS

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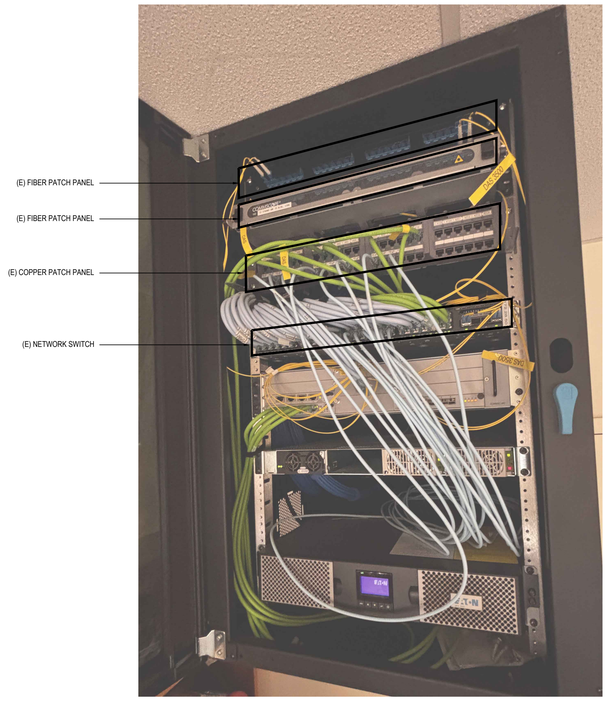
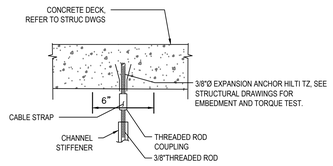


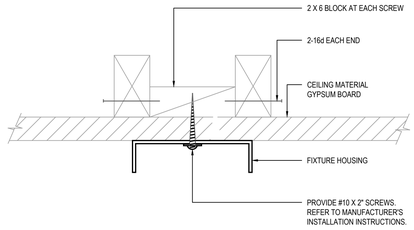
9 EXISTING ELEVATION RACK AT TELECOM ROOM

SCALE: SCHEMATIC



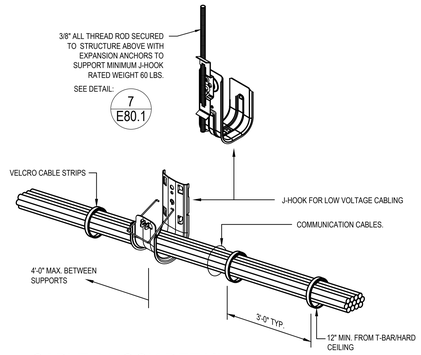
7 UPPER ATTACHEMENT DETAIL

SCALE: SCHEMATIC



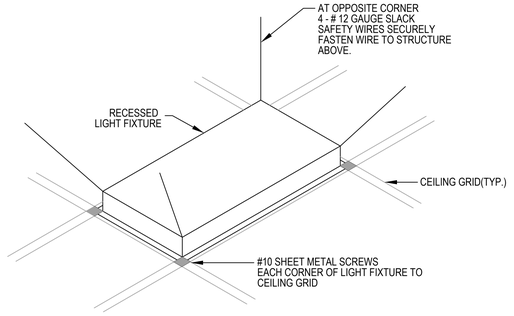
3 LIGHTING FIXTURE - SURFACE MOUNT DETAIL

SCALE: SCHEMATIC



6 CABLE J-HOOK DETAIL

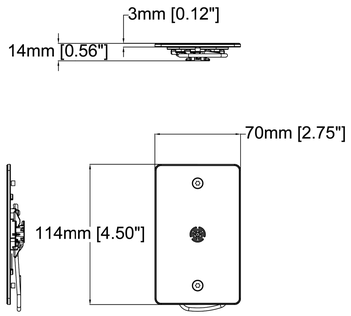
SCALE: SCHEMATIC



NOTE:
S.A.D. FOR ADDITIONAL FIXTURE SUPPORT DETAILS

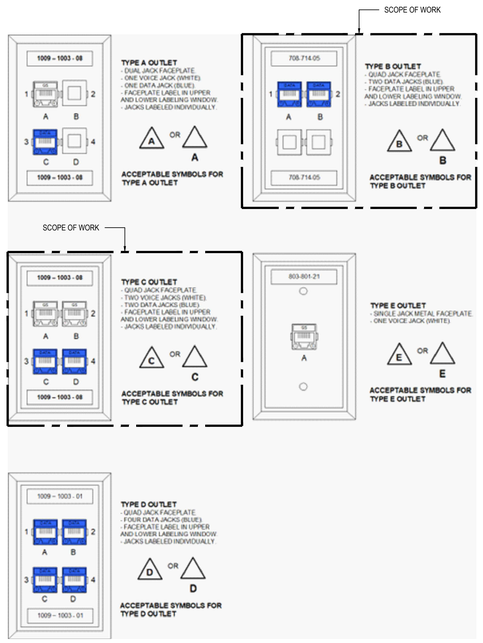
2 LIGHTING FIXTURE - RECESSED MOUNT DETAIL

SCALE: SCHEMATIC



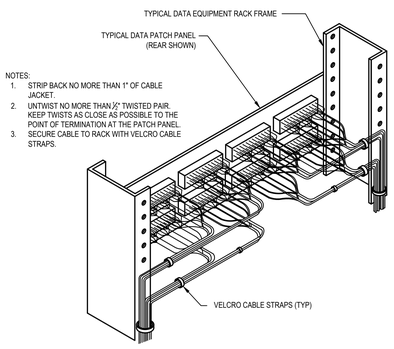
10 MICROPHONE MOUNTING DETAIL

SCALE: SCHEMATIC



8 SCHOOL DISTRICT STANDARD TELECOM OUTLETS

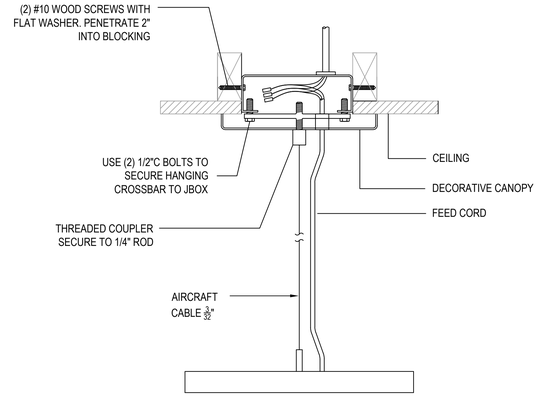
SCALE: SCHEMATIC



NOTES:
1. STRIP BACK NO MORE THAN 1" OF CABLE JACKET.
2. UNTWIST NO MORE THAN ½" TWISTED PAIR. KEEP TWISTS AS CLOSE AS POSSIBLE TO THE POINT OF TERMINATION AT THE PATCH PANEL.
3. SECURE CABLE TO RACK WITH VELCRO CABLE STRAPS.

5 BACK OF PATCH PANEL DRESSING

SCALE: SCHEMATIC



NOTE:
FIXTURE SHALL SWING 45° IN ANY DIRECTION WITHOUT HITTING AN OBJECT.

1 LIGHTING FIXTURE - PENDANT MOUNT DETAIL

SCALE: SCHEMATIC

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ELECTRICAL DETAILS

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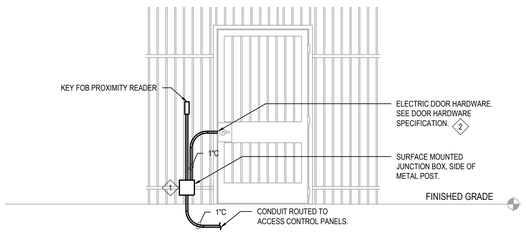
SHEET NOTES ◇

1. UNLESS OTHERWISE NOTED, POWER SUPPLIES SHALL BE F/I BY SECURITY CONTRACTOR AND LOCATED WITH SECURITY PANELS.
2. DEVICE LOCATIONS ARE DIAGRAMMATIC. COORDINATE EXACT INSTALLATION WITH GATE MANUFACTURER AND INSTALLER.

GENERAL NOTES

A. COORDINATE FINAL LOCATION OF SECURITY DEVICES WITH OWNER'S REPRESENTATIVE AND/OR PROJECT ARCHITECTURE PRIOR TO ROUGH-IN.
B. CONDUIT & CABLING PATHWAYS ARE SCHEMATIC IN NATURE. INSTALLING CONTRACTOR TO COORDINATE FINAL ROUTING WITH ARCHITECT DRAWINGS.
C. DASHED SYMBOLS INDICATE DEVICES ON OPPOSITE SIDE OF THE WALL.
D. REVIEW ROUTING OF CONDUITS WITH ELECTRICAL CONTRACTOR.

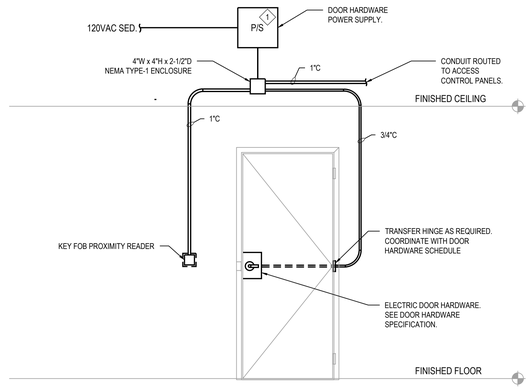


OPERATION NOTES:

1. NORMAL DOOR STATE IS CLOSED AT ALL TIMES.
2. DOOR IS LOCKED ON THE NON-PROTECTED SIDE AND UNLOCKED ON THE PROTECTED SIDE.
3. TO OPEN DOOR FROM THE NON-PROTECTED SIDE, VALID KEY FOB MUST BE PRESENTED.

3 ACCESS CONTROL @ SINGLE GATE

SCALE: NO SCALE

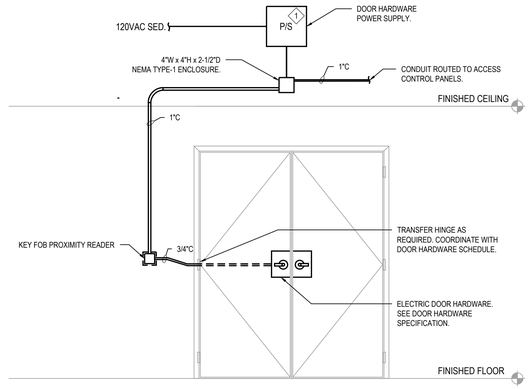


OPERATION NOTES:

1. NORMAL DOOR STATE IS CLOSED AT ALL TIMES.
2. DOOR IS LOCKED ON THE NON-PROTECTED SIDE AND UNLOCKED ON THE PROTECTED SIDE.
3. TO OPEN DOOR FROM THE NON-PROTECTED SIDE, VALID KEY FOB MUST BE PRESENTED.

2 ACCESS CONTROL @ SINGLE DOOR

SCALE: SCHEMATIC



OPERATION NOTES:

1. NORMAL DOOR STATE IS CLOSED AT ALL TIMES.
2. DOOR IS LOCKED ON THE NON-PROTECTED SIDE AND UNLOCKED ON THE PROTECTED SIDE.
3. TO OPEN DOOR FROM THE NON-PROTECTED SIDE, VALID KEY FOB MUST BE PRESENTED.

1 ACCESS CONTROL @ DOUBLE DOOR

SCALE: SCHEMATIC

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E80.2

ELECTRICAL DETAILS

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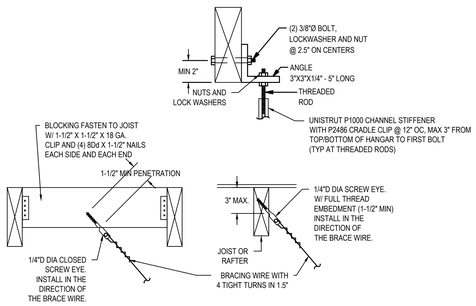
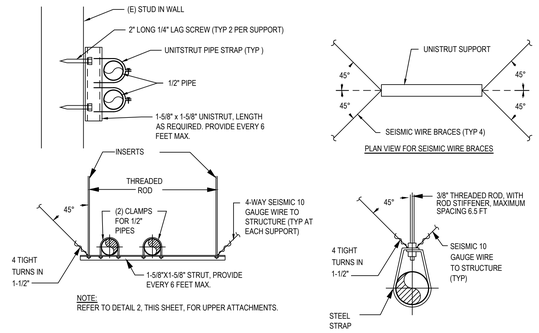
PLUMBING FIXTURE SCHEDULE

SYMBOL	TYPE	AREA SERVED	CONNECTIONS				DESCRIPTION
			CW	HW	SS	V	
WC-1	WATER CLOSET	VARIOUS	1"	---	3"	2"	ZURN ECOVANTAGE #Z5675-BWL, CHILDREN'S TOILET, FLOOR MOUNTED ELONGATED TOILET, FLUSH VALVE TYPE, 1.28 GPF, WHITE VITREOUS CHINA. PROVIDE WITH SEAT AND SLOAN ROYAL 111-1.28 MANUAL FLUSH VALVE, 1.28 GPF.
WC-2	WATER CLOSET	VARIOUS	1"	---	3"	2"	AMERICAN STANDARD "BABY DEVORO" 2282.001. FLOOR MOUNTED, MANUAL FLUSH VALVE, 1.28 GPF, PROVIDE WITH SEAT.
L-1	LAVATORY (ADA)	VARIOUS CHILDREN RESTROOMS	1/2"	---	1-1/4"	1-1/4"	KOHLER TAHOE #K-2895-4 VITREOUS CHINA SELF-RIMMING LAVATORY WITH METAL GRID DRAIN. SYMMONS SYMMETRIX #S202G SINGLE HANDLE LAVATORY FAUCET WITH 0.5 GPM FLOW RESTRICTOR WITH 2-HOLES AT 4" CENTERS.PROVIDE COVERS ON WASTE AND WATER PIPING
S-1	COUNTER SINK (ADA)	VARIOUS	1/2"	1/2"	2"	1-1/2"	ELKAY #LRADQ2219653, 18 GAUGE TYPE 304-STAINLESS STEEL, SELF-RIMMING, 22"x19-1/2"x6.5" DEEP BOWL, SINGLE COMPARTMENT UNIT WITH DRAIN LOCATED CENTER AND 3-HOLE PUNCH FOR CHICAGO #W4D-DB6AE35-317AB DECK MOUNT 4" SWING SPOUT FAUCET PROVIDE WITH LOW FLOW AERATOR (1.5 GPM) AND DRAIN. PROVIDE COVERS ON WASTE AND WATER PIPING BELOW
S-2	TROUGH SINK	TODDLER AREA	1/2"	---	1-1/4"	1-1/4"	DURAVITWASHBASIN #2353100072 WALL HUNG LAVATORY, 48"X19" CERAMIC, WITH 2 WASH STATIONS, PROVIDE (2) WITH CHICAGO 2200-4E39VPABCP SINGLE LEVER FAUCET WITH 0.35 GPM AERATOR. MOUNT AT ADA ACCESSIBLE HEIGHT, COORDINATE WITH ARCHITECTURAL DRAWINGS.
LS-1	LAUNDRY SINK		3/4"	3/4"	2"	1-1/2"	KOHLER K-6663, 25x22"x13" SINGLE COMPARTMENT, 2-HOLE CAST IRON CABINET MOUNTED SINK WITH 3" DRAIN. CHICAGO #431-ABCP SINGLE LEVER 8" SWING SPOUT FAUCET WITH LOW FLOW AERATOR (1.5 GPM).
BF-1	BOTTLE FILLER		1/2"	---	1-1/4"	1-1/4"	HAWS #1922, WALL MOUNTED, PUSHBUTTON OPERATED BOTTLE FILLER. 1 GPM FLOW RATE. SEE 11,17/GEN-4 FOR MORE INFO
DF-1	DRINKING FOUNTAIN (ADA)		1/2"	---	1-1/4"	1-1/4"	DRINKING FOUNTAIN: HAWS MODEL 1107, PUSH BUTTON VALVE WITH ADJUSTABLE FLOW, VANDAL RESISTANT BUBBLER HEAD, 18 GA. STAINLESS STEET CONSTRUCTION. PROVIDE WITH 1920 BOTTLE FILLER. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SEE 11,17/GEN-4 FOR MORE INFO
DF-2	DRINKING FOUNTAIN		1/2"	---	1-1/4"	1-1/4"	DRINKING FOUNTAIN: HAWS MODEL 1105, PUSH BUTTON VALVE WITH ADJUSTABLE FLOW, VANDAL RESISTANT BUBBLER HEAD, 18 GA. STAINLESS STEEL CONSTRUCTION. INSTALL AT CHILDREN'S HEIGHT, COORDINATE WITH ARCHITECTUAL. SEE 11,17/GEN-4 FOR MORE INFO



2 UPPER ATTACHMENT DETAIL

SCALE: NONE



1 PIPING SUPPORT DETAIL

SCALE: NONE

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS APPLY

ABC	ABOVE CEILING/OVERHEAD
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AG	ABOVE GRADE
AMP	AMPERES
ARCH	ARCHITECTURAL
BFF	BELOW FINISHED FLOOR
BG	BELOW GRADE
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BOF	BOTTOM OF FOOTING
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CFH	CUBIC FEET PER HOUR
CLG	CEILING
CONC	CONCRETE
COTG	CLEAN OUT TO GRADE
DIA	DIAMETER
(E)	EXISTING
EA	EACH
EFF	EFFICIENCY
ELEC	ELECTRICAL
EWT	ENTERING WATER TEMPERATURE
FD	FLOOR DRAIN
FT	FOOT OR FEET
FP	FIRE PROTECTION
FU	FIXTURE UNIT
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H&CW	HOT AND COLD WATER
HD	HEAD
HP	HORSEPOWER
HVAC	HEATING, VENT & AIR CONDITIONING
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCH
KW	KILOWATTS
LAB	LABORATORY
LBS	POUNDS
LVL	LEVEL
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MIN	MINIMUM
MISC	MISCELLANEOUS
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
PD	PRESSURE DROP
POC	POINT OF CONNECTION
POD	POINT OF DEMOLITION
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
RIO	ROUGH-IN ONLY
RPM	REVOLUTIONS PER MINUTE
SAD	SEE ARCHITECTURAL DRAWINGS
SCD	SEE CIVIL DRAWINGS
SED	SEE ELECTRICAL DRAWINGS
SMD	SEE MECHANICAL DRAWINGSSL SLOPE
SP	STATIC PRESSURE
SPECS	SPECIFICATIONS
STD	STANDARD
STRUCT	STRUCTURAL
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TYP	TYPICAL
UF	UNDERFLOOR
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VENT OR VOLTS
VTR	VENT THROUGH ROOF
W	WATTS
WT	WEIGHT

SYMBOLS

NOTE: NOT ALL SYMBOLS APPLY

SYMBOL	ABBR	DESCRIPTION
1 / P-1		DETAIL NUMBER / DRAWING NUMBER
1 / P-1		SECTION NUMBER / DRAWING NUMBER
WH / 1		EQUIPMENT TYPE / UNIT NUMBER
—— —— ——	SS	SANITARY SEWER (UNDERGROUND/UNDERSLAB)
————		SANITARY SEWER (ABOVE FLOOR OR OVERHEAD)
– – – – – –	V	SANITARY VENT
————	SD	STORM DRAIN
————	SD-FTP	STORM DRAIN TO FLOW-THRU-PLANTER
————	OD	OVERFLOW DRAIN (FOR ROOF DRAINS)
—— CD ——	CD	CONDENSATE DRAIN
—— IW ——	IW	INDIRECT WASTE
—— – ——	CW	COLD WATER SUPPLY
—— – – ——	HW	HOT WATER SUPPLY
—— – – – ——	HWR	HOT WATER RECIRCULATING
—— TW ——	TW	TEMPERED WATER
—— G ——	G	NATURAL GAS - LOW PRESSURE
—— MG ——	MG	NATURAL GAS - MEDIUM PRESSURE
—X—X—X—		DEMOLISHED ITEM
——Φ	FCO, COTG	FLOOR CLEANOUT OR CLEANOUT TO GRADE
——|	WCO, CO	WALL CLEANOUT OR CLEANOUT
		PIPE BREAK
		PIPE RISER UP (ELBOW)
		PIPE RISER DOWN (ELBOW)
		PETE'S PLUG
		MAIN WATER SHUT FOR BUILDING
	UN	UNION
	CV	CHECK VALVE
	GV	GATE VALVE
	PRV	PRESSURE REDUCING VALVE
	BV	BALL VALVE
	GC	GAS COCK
	BFV	BUTTERFLY VALVE
	BLNV	BALANCING VALVE
	CS	CIRCUIT SETTER
	PTRV	PRESSURE AND TEMPERATURE RELIEF VALVE
		THERMOMETER
	PG	PRESSURE GAUGE WITH GAUGE COCK
RPBP	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
	HB	HOSE BIBB
	T-1	PLUMBING FIXTURE IDENTIFICATION
	1	PLUMBING SHEET NOTE

GENERAL PLUMBING NOTES

1. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (C.C.R.), 2022 CPC.
2. ALL SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ALL APPLICABLE CITY, COUNTY, FEDERAL AND STATE CODES AND ORDINANCES, AND SHALL MEET ALL REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
3. DRAWINGS SHOWING THE LOCATIONS OF PLUMBING EQUIPMENT, PIPING, ETC. ARE DIAGRAMMATIC AND JOB CONDITIONS WILL NOT ALWAYS PERMIT THEIR INSTALLATION ON THE LOCATIONS SHOWN. THE PLUMBING DRAWINGS SHOW THE GENERAL ARRANGEMENTS OF EQUIPMENT, PIPING, ETC. AND SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHER TRADES WILL PERMIT. THE ARCHITECTURAL DRAWINGS SHALL BE PART OF THE WORK INSOFAR AS THESE DRAWINGS FURNISH THE CONTRACTOR WITH INFORMATION RELATING TO DESIGN AND CONSTRUCTION OF THE BUILDING.
4. FURNISH AND INSTALL ANY INCIDENTAL WORK NOT SHOWN OR SPECIFIED WHICH ARE NECESSARY TO PROVIDE A COMPLETE AND WORKABLE SYSTEM.
5. PRIOR TO SUBMISSION OF BID, REVIEW FULL SET OF NEW CONSTRUCTION DRAWINGS (INCLUDING ALL OTHER TRADES). INCLUDE ANY ADDITIONAL PIPE OFF-SETS THAT ARE NOT CURRENTLY SHOWN ON DRAWINGS BUT MAY BE REQUIRED TO CLEAR STRUCTURE, FINISHES OR WORK OF OTHER TRADES. NO EXTRA PAYMENT WILL BE ALLOWED FOR WORK RESULTING FROM LACK OF PROPER INITIAL APPRAISAL OF ENTIRE SCOPE OF WORK. SUBMIT REQUESTS FOR INFORMATION (RFIS) AS REQUIRED TO ANSWER ANY QUESTIONS THAT MAY ARISE DURING BIDDING PHASE. CLEARLY INDICATE SCOPE INCLUSION AND EXCLUSION IN BID.
6. FOR EXACT LOCATIONS OF PLUMBING FIXTURES, SEE ARCHITECTURAL DRAWINGS.
7. PROVIDE CLEANOUTS ON DRAINAGE LINES IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE AND AS INDICATED ON THE DRAWINGS.
8. ALL SANITARY SEWER PIPING SHALL BE SLOPED AT 1/4" PER FOOT FOR PIPING LESS THAN 4" IN DIAMETER AND AT 1/8" PER FOOT FOR PIPES 4" OR GREATER UNLESS NOTED OTHERWISE.
9. WHERE MAIN PIPE SIZE IS NOT INDICATED BETWEEN BRANCH CONNECTIONS ON THE DRAWING, THE PIPE SIZE SHALL BE OF THE PRECEDING PIPE SIZE.
10. ALL VALVES AND ACCESSORIES SHALL BE FULL LINE SIZE. PROVIDE ALL NECESSARY UNIONS, REDUCERS AND STOPS AS REQUIRED WHEN CONNECTING TO EACH FIXTURE AND/OR EQUIPMENT.
11. KEEP ALL PLUMBING PIPING AS HIGH AS POSSIBLE TO THE STRUCTURE ABOVE AND OFFSET PIPING AS REQUIRED.
12. INSTALL ACCESS PANELS IN ALL NON-ACCESSIBLE CEILINGS AND WALLS FOR VALVES AND OTHER MAINTENANCE ITEMS. REFER TO ARCHITECTURAL PLANS FOR TYPES OF CEILINGS AND WALLS. INSTALL SECURITY ACCESS PANELS IN SECURITY CEILINGS AND WALLS. INSTALL FIRE RATED ACCESS PANELS IN FIRE RATED CEILINGS AND WALLS, SEE SPECIFICATIONS. ALL ACCESS PANEL/DOOR LOCATIONS SHALL BE APPROVED BY THE ARCHITECT. OFFSET PLUMBING PIPING AND ACCESSORIES AS REQUIRED.
13. CLOSELY COORDINATE WORK WITH ALL TRADES.
14. FOR ANY CONFLICT IN THE DRAWINGS AND/OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. ANY SUCH CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER FOR RESOLUTION PRIOR TO THE CONSTRUCTION OF SUCH ITEMS.
15. CHANGES IN THE DIRECTION OF DRAINAGE FLOW SHALL BE PER CALIFORNIA PLUMBING CODE.
16. ALL SANITARY VENTS SHALL TERMINATE AT LEAST 6" ABOVE ROOF AND AT LEAST 12" FROM ANY VERTICAL SURFACE. PROVIDE MINIMUM 10' CLEARANCE FROM VENT TERMINATIONS TO OUTSIDE AIR INLETS OR OPENINGS IN THE BUILDING.
17. PROVIDE VALVES WHERE SHOWN ON FLOOR PLAN AND PIPING DIAGRAMS.
18. ALL PIPING PENETRATION THROUGH RATED WALLS AND FLOORS SHALL BE SEALED WITH UL-LISTED AND CALIFORNIA FIRE MARSHAL LISTED SEALANTS. SEE ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS.
19. PROVIDE DIELECTRIC INSULATING CONNECTIONS BETWEEN ALL DISSIMILAR METALS.
20. PROVIDE INSULATION ON HW AND HWR PIPING AS REQUIRED BY CALIFORNIA ENERGY CODES.

SCOPE OF WORK

1. REMOVE EXISTING WATER CLOSETS, RESTROOM LAVATORIES AND COUNTER SINKS AS SHOWN AND LEAVE WATER, SEWER AND VENT CONNECTIONS FOR NEW FIXTURES.
2. PROVIDE NEW WATER CLOSETS, RESTROOM LAVATORIES AND COUNTER SINKS AS SHOWN. CONNECT TO EXISTING WATER, SEWER AND VENT CONNECTIONS.

APPLICABLE CODES

1. 2025 BUILDING STANDARD ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.;
3. 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.;
4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.;
5. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.;
6. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.;
7. 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.;
9. 2022 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.
10. 2022 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R (PENDING ADOPTION)
11. 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
12. TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

NFPA 13, AUTOMATIC SPRINKLER SYSTEM, CURRENT EDITION
NFPA 24, PRIVATE FIRE SERVICE MAINS, CURRENT EDITION
REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC(SFM) 3504.1
TITLE 24 C.C.R. ACCESSIBILITY STANDARDS
AMERICAN WITH DISABILITIES ACT - 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

SHEET INDEX

P00.0	PLUMBING TITLE SHEET
P11.0	PLUMBING DEMOLITION FLOOR PLAN
P11.1	PLUMBING PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
JAMES DYER
NO. 25378
REN. 9-30-26
MECHANICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

P00.0

PLUMBING TITLE SHEET

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

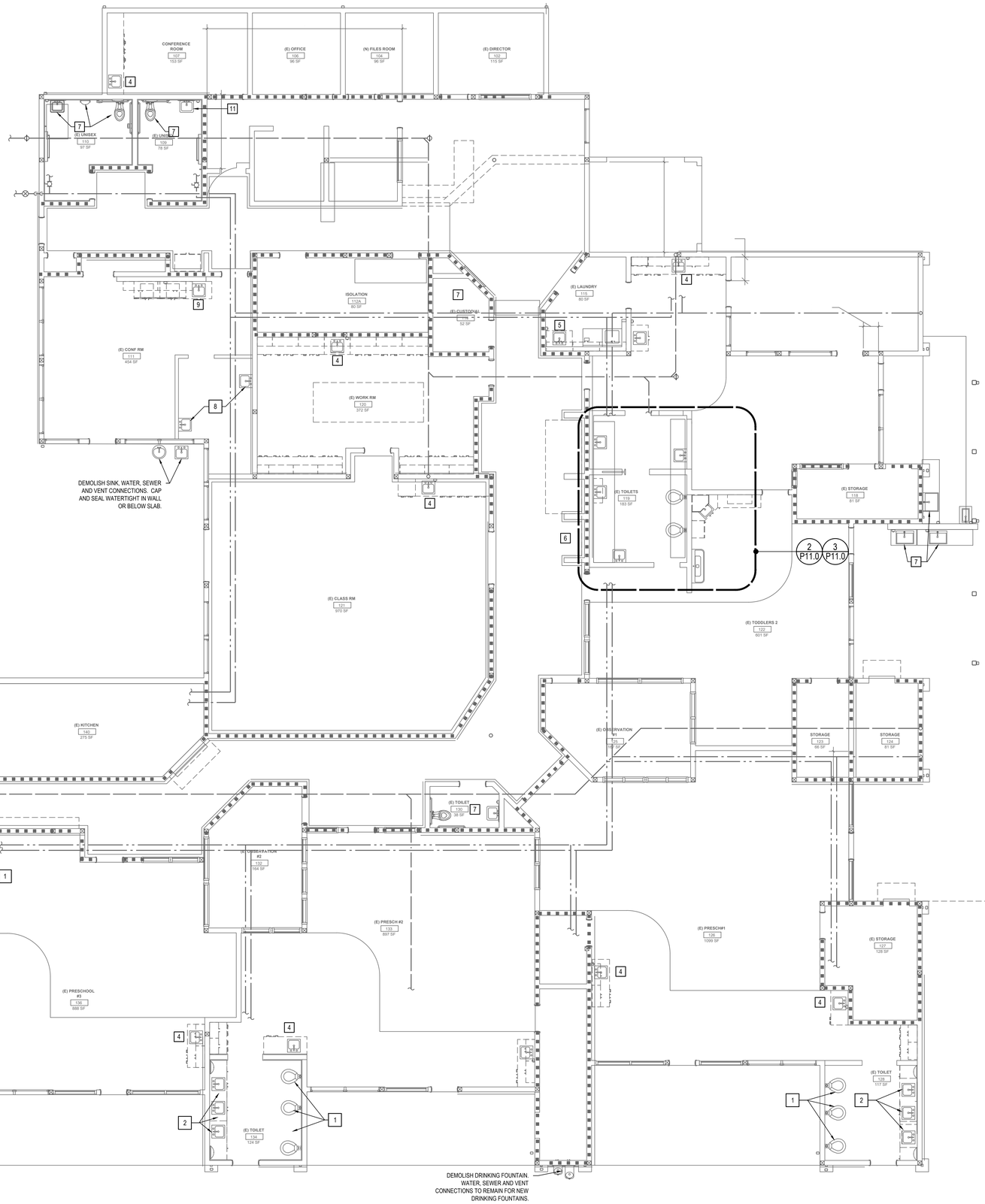
212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

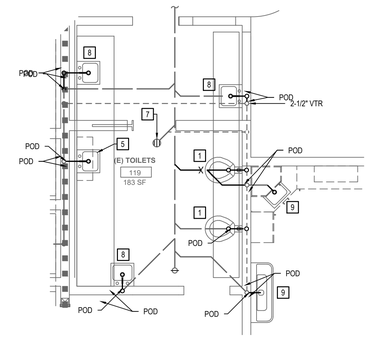
SHEET NOTES [X]

1. DEMOLISH WATER CLOSET. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR NEW WATER CLOSET.
2. DEMOLISH LAVATORY. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR NEW LAVATORY.
3. DEMOLISH LAVATORY FAUCET. WATER CONNECTIONS TO REMAIN FOR NEW LAVATORY FAUCET.
4. DEMOLISH SINK. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR NEW SINK.
5. DEMOLISH LAUNDRY SINK. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR NEW LAUNDRY SINK.
6. DEMOLISH DRINKING FOUNTAIN. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR NEW BOTTLE FILLER.
7. EXISTING PLUMBING FIXTURE TO REMAIN.
8. DEMOLISH SINK, WATER, SEWER AND VENT CONNECTIONS. CAP AND SEAL WATERTIGHT IN WALL, ABOVE CEILING OR BELOW FLOOR.
9. DEMOLISH SINK. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR NEW SINK IN NEW LOCATION.
10. DEMOLISH TROUGH SINK. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR (2) NEW SINKS.
11. REMOVE AND RETAIN LAVATORY. WATER, SEWER AND VENT CONNECTIONS TO REMAIN FOR RELOCATED LAVATORY.



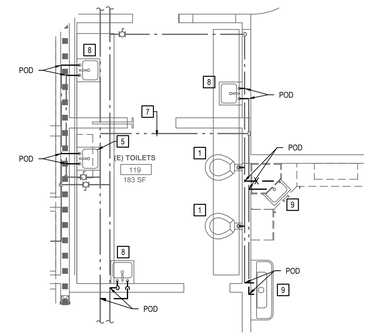
1 PLUMBING DEMOLITION FLOOR PLAN

SCALE: 3/16"=1'-0"



3 ENLARGED SS&V DEMOLITION PLAN

SCALE: 1/4"=1'-0"



2 ENLARGED H&CW DEMOLITION PLAN

SCALE: 1/4"=1'-0"

(E) SOFFIT TO REMAIN
(E) WOOD STUD WALL
(E) SHEAR WALL
(E) 1-HR OCCUPANCY SEPARATION WALL

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PLUMBING DEMOLITION FLOOR PLAN

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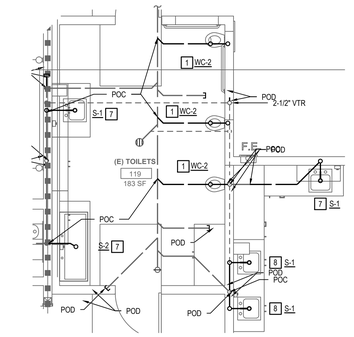
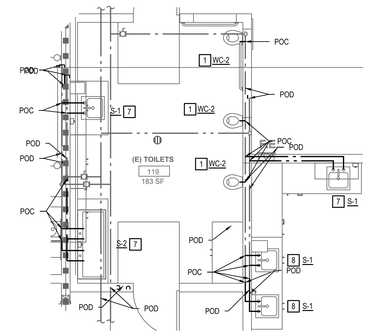
SHEET NOTES [X]

1. PROVIDE NEW WATER CLOSET, CONNECT TO EXISTING WATER, SEWER AND VENT PIPES.
2. PROVIDE NEW LAVATORY, CONNECT TO EXISTING WATER, SEWER AND VENT PIPES.
3. PROVIDE NEW LAVATORY FAUCET, CONNECT TO EXISTING WATER PIPES.
4. PROVIDE NEW SINK, CONNECT TO EXISTING WATER, SEWER AND VENT PIPES.
5. PROVIDE NEW LAUNDRY SINK, CONNECT TO EXISTING WATER, SEWER AND VENT PIPES.
6. PROVIDE NEW BF-1, CONNECT TO EXISTING WATER, SEWER AND VENT PIPES.
7. PROVIDE NEW SINK, MODIFY EXISTING WATER, SEWER AND VENT PIPES AS REQUIRED FOR NEW SINK LOCATION.
8. PROVIDE (2) NEW SINKS, MODIFY EXISTING WATER, SEWER AND VENT PIPES AS REQUIRED.
9. PROVIDE NEW DRINKING FOUNTAIN, CONNECT TO EXISTING WATER, SEWER AND VENT PIPES.
10. REINSTALL LAVATORY, MODIFY EXISTING WATER, SEWER AND VENT PIPE CONNECTIONS AS NEEDED. COORDINATE EXACT LOCATION OF LAVATORY WITH ARCHITECTURAL.



3 ENLARGED SS&V PLAN

SCALE: 1/4"=1'-0"



2 ENLARGED H&CW PLAN

SCALE: 1/4"=1'-0"

(E) SOFFIT TO REMAIN

(E) WOOD STUD WALL

(N) FULL HEIGHT WOOD STUD WALL

(E) SHEAR WALL

(E) 1-HR OCCUPANCY SEPARATION WALL

1-HR OCCUPANCY SEPARATION WALL (NEW OR MODIFIED WALL. SEE PLANS FOR MORE INFO)

2-HR OCCUPANCY SEPARATION WALL (EXISTING 1 HOUR FIRE BARRIER MODIFIED)

1 PLUMBING PLAN

SCALE: 3/16"=1'-0"

N

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PLUMBING PLAN

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
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GENERAL FIRE ALARM NOTES

1. APPLICABLE STANDARD 2022 NFPA 72.
2. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY AHJ.
3. UPON COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE AHJ.
4. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION THE ARCHITECT/ENGINEER OF THE PROJECT.
6. ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
7. ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7 & 7A, UL OR OTHER LAB TESTING CRITERIA. APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
8. WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR ENTIRE LENS MOUNTED BETWEEN 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
9. WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THEN 6" TO A HORIZONTAL STRUCTURE.
10. AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL BUT NOT LESS THAN 75 DBA AT 10 FEET OR MORE THAN 110 DBA AT THE MINIMUM HEARING DISTANCE . SOUND LEVEL SHALL BE MAINTAINED FOR A DURATION OF AT LEAST 60 SECONDS.
11. AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
12. THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
13. VISUAL DEVICES SHALL NOT EXCEED 2 FLASHES PER SECOND AND SHALL NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. VISUAL DEVICES WITHIN THE SAME FIELD OF VIEW WITH FROM EACH OTHER SHALL BE SYNCHRONIZED.
14. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVAL FOR WET LOCATIONS.
15. ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.
16. PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. THERE MUST BE AT LEAST 6" OF LEAD WIRE FROM THE BOX TO THE DEVICE. ALL BOXES TO BE SIZED PER CEC. "T" TAPPING OF NOTIFICATION APPLIANCES IS NOT PERMITTED.
17. SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
18. ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANOR AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
19. FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
20. A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
21. COMPLETE THE NFPA 72 RECORD OF COMPLETION, TESTING ALL DEVICES AND APPLIANCES. PROVIDE A COPY OF THE COMPLETED RECORD OF COMPLETION TO THE OWNER, ARCHITECT, AND LOCAL FIRE AUTHORITY.
22. CONTROL PANELS, REMOTE ANNUNCIATORS AND MANUAL FIRE ALARM PULL STATIONS SHALL BE INSTALLED WITH THEIR OPERABLE PARTS MOUNTED AT 48"
23. THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
24. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST. SEE NOTE 27.
25. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.
26. WIRING AND MATERIALS PER CEC ARTICLE 760.
27. COORDINATE WITH AUTOMATIC FIRE SPRINKLER SYSTEM CONTRACTOR.
28. FIRE ALARM DEVICES SHALL BE SYNCHRONIZED. PROVIDE MODULES AND WIRES AS NECESSARY.
29. IF ROUTING DIFFERS SIGNIFICANTLY FROM THESE PLANS, APPROVAL FROM THE PROJECT ELECTRICAL ENGINEER MUST BE OBTAINED BEFORE CONSTRUCTION. AFTER CONSTRUCTION, PROVIDE ACCURATE FIELD RECORD DRAWINGS TO OWNER.
30. INDEPENDENT TESTING COMPANY HIRED BY THE CONTRACTOR SHALL TEST SOUND LEVELS TO MEET THE SOUND REQUIREMENTS. CONTRACTOR MUST SUBMIT RESULT OF THE SOUND TEST TO THE PROJECT ELECTRICAL ENGINEER AND MAY BE REQUIRED TO RELOCATE OR ADD AUDIBLE DEVICES TO MEET THE DBA REQUIREMENT. CONTRACTOR BID SHALL INCLUDE TWO (2) SPARE OF EACH TYPE OF SIGNALING DEVICES WITH CONNECTION TO FACP AS REQUIRED (I.E. HORN, HORN/STROBE).
31. CONNECT AC POWER TO (N) FACP IN THE PRESENCE OF THE FACP MANUFACTURER REPRESENTATIVE.
32. FIRE ALARM CONTROL PANEL SHALL BE CONNECTED TO CELLULAR DIALER TO SUPERVISING STATION PER NFPA 72. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUJS UNDER UNDERWRITES LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011.
33. DEVICE LOCATIONS IN FRONT OF HOUSE SPACES TO BE COORDINATED WITH ARCHITECT PRIOR TO ROUGH-IN.

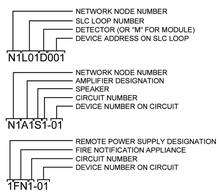
EXISTING CAMPUS FIRE ALARM SEQUENCE OF OPERATION MATRIX

CAMPUS FIRE ALARM OPERATION MATRIX

	ANNUNCIATE ALARM CONDITION AT FACP	ANNUNCIATE TROUBLE CONDITION AT FACP	ANNUNCIATE ALARM CONDITION AT ANNUNCIATOR	ANNUNCIATE TROUBLE CONDITION AT ANNUNCIATOR	ACTIVATE SPEAKER/STROBES UNITS PER BUILDING ALARM SCHEDULE	ACTIVATE SPRINKLER RISER BELL	SHUTDOWN ASSOCIATED AHU AND FIRE SMOKE DAMPERS	ACTIVATE ALARM SIGNAL TO CENTRAL STATION (SIGNAL VIA DRY CONTACTS)	ACTIVATE TROUBLE SIGNAL FOR CENTRAL STATION (SIGNAL VIA DRY CONTACTS)	ANNUNCIATE SUPERVISORY AT PANEL AND ANNUNCIATOR AND CENTRAL STATION	RECALL ELEVATOR TO FIRST FLOOR	RECALL ELEVATOR TO SECOND FLOOR
MANUAL STATION	X		X		X			X				
HEAT/SMOKE DETECTORS	X		X		X		X	X				
DUCT DETECTORS	X		X		X		X	X				
WATER FLOW	X		X		X	X	X	X				
TAMPER / PIV		X		X					X	X		
SYSTEM TROUBLE		X		X					X			
SMOKE DET. ELEVATOR MACHINE ROOM	X		X		X		X	X				X
1ST FLR. ELEV. LOBBY SMOKE DET.	X		X		X			X				X
2ND FLR. ELEV. LOBBY SMOKE DET.	X		X		X			X			X	

FIRE ALARM WIRING LEGEND

ADDRESS LABEL CLARIFICATION



WIRE LEGEND			
DESIGNATION	CIRCUIT TYPE	WIRE TYPE	CIRCUIT CLASS
A	SIGNALING LINE CIRCUIT (SLC LOOP)	2#16 TWISTED/UNSHIELDED - FPLR	CLASS B
C	HORN/STROBE CIRCUIT	2#12 AWG - FPL	CLASS B
E	INITIATING DEVICE CIRCUIT	2#16 AWG - FPL	CLASS B
G	CONTROL CIRCUIT	2#14 AWG - FPL	
H	ANNUNCIATOR DATA CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B
J	24 VDC ANNUNCIATOR POWER	2#14 AWG - FPL	
K	24 VDC POWER	2#16 AWG - THHN	
N	NETWORK CIRCUIT	9/125 µm SINGLE-MODE FIBER (2 strands)	CLASS B
T	REMOTE TEST STATION CONNECTIONS	4#18 AWG - THHN	
V	SPEAKER CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B

SYMBOLS (NOT ALL USED)

GENERAL SYMBOLS

- # = DETAIL NUMBER / X = SHEET NUMBER
- OH — OH — OVERHEAD FIRE ALARM CABLING VIA MESSENGER WIRE.
- ENLARGED PLANS
- BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED IN CEILING OR WALL.
- BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED UNDER FLOOR OR UNDERGROUND.
- CONDUIT STUBBED THROUGH WALL.
- BRANCH CIRCUIT HOMERUN TO PANEL.
- MAST AND WEATHERHEAD ABOVE ROOF FOR AERIAL INSTALLATION.
- MM — EXISTING MONITORING MODULE.
- CM — EXISTING CONTROL MODULE.
- FSCP — EXISTING FIRE SUPPRESSION CONTROL PANEL.
- EXISTING HEAT DETECTOR.
- INX — EXISTING INTELLIGENT NETWORK TRANSPONDER.
- EOL — EXISTING END OF LINE RESISTOR.
- FATC — EXISTING FIRE ALARM TERMINAL CABINET.
- FACP — EXISTING FIRE ALARM CONTROL PANEL.
- FAA — EXISTING FIRE ALARM ANNUNCIATOR.

NEW FIRE ALARM DEVICE SYMBOLS

SYMBOL	DEVCE	MANUFACTURER	MODEL #	CSFM
	SMOKE DETECTOR	SIMPLEX	4098-9793	7300-0026:0244
	INTERIOR WALL MOUNT SPEAKER/STROBE	SIMPLEX	4906-9151	7320-0026:0247

SCOPE OF WORK

1. FIRE ALARM SYSTEM
   - EXISTING AUTOMATIC ADDRESSABLE FIRE ALARM SYSTEM IN BUILDING 3500 TO REMAIN.
   - RLOCATE/ADD DEVICES AS SHOWN ON PLANS ON AREAS PART OF SCOPE OF WORK.
   - NEW DEVICES SHALL BE COMPATIBLE WITH EXISTING SYSTEM.
   - CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS OF FIRE ALARM DEVICES PRIOR TO WORK.
   - RUN RESET PROCEDURE TO FIRE ALARM SYSTEM PER NFPA 72 23.8.2.9.3. SEE FIRE ALARM SYSTEM RESET PROCEDURE SECTION ON THIS SHEET.
   - FOR BLDG 3700:
     - DISCONNECT AND REMOVE ALL FIRE ALARM DEVICES, CABLES, CONDUITS, AND RELATED COMPONENTS. REMOVE CABLING BACK TO SERVING FACP. CONTRACTOR TO VERIFY IN FIELD.

FIRE ALARM SYSTEM DESCRIPTION

1. NEW INITIATING AND NOTIFICATION DEVICES FIRE ALARM CIRCUITS ARE ADDRESSABLE AND WIRED AS CLASS B CIRCUIT.
2. AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AS AMENDED BY ARTICLE 91. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011.

FIRE ALARM SYSTEM RESET PROCEDURE

1. ACKNOWLEDGE: PRESS THE ACK (ACKNOWLEDGE) BUTTON TO SILENCE THE PANEL PIEZO / BUZZER.
2. INVESTIGATE: CONFIRM THE CAUSE OF THE ALARM (E.G., INITIATING DEVICE, TROUBLE, SUPERVISORY):
   A. CHECK ZONES / POINT DISPLAY ON PANEL OR ANNUNCIATOR.
   B. PHYSICALLY INSPECT DEVICES IN ALARM, IF SAFE AND PERMITTED.
3. CORRECT FAULT: IF THE CAUSE WAS A FALSE ALARM (E.G., SMOKE CLEARED, PULL STATION RESET), RESET THE INITIATING DEVICE(S):
   A. MANUALLY RESET PULL STATIONS (IF USED) BACK TO THEIR REST POSITION.
   B. ENSURE SMOKE / HEAT DETECTORS ARE NO LONGER IN ALARM CONDITION.
4. RESET SYSTEM: PRESS AND HOLD (OR PRESS, DEPENDING ON MANUFACTURER) THE RESET BUTTON ON THE FACP:
   A. WAIT FOR THE SYSTEM TO RETURN TO "NORMAL" STATUS (NO ACTIVE ALARMS/TROUBLES).
5. CONFIRM AND MONITOR:
   A. VERIFY THE PANEL SHOWS "NORMAL" (OR EQUIVALENT) CONDITION.
   B. CONFIRM THAT REMOTE ANNUNCIATORS ALSO SHOW NORMAL STATUS.
6. REPORT: AFTER RESET, NOTIFY BUILDING / FIRE SAFETY PERSONNEL (OR OTHER DESIGNATED PERSON) OF THE ALARM EVENT, INCLUDING:
   A. WHAT CAUSED THE ALARM (IF KNOWN)
   B. WHETHER A RESET WAS SUCCESSFUL OR IF THE SYSTEM RE-ALARMED
7. LOG: ENTER THE EVENT IN THE FIRE ALARM EVENT LOG / MAINTENANCE LOG, NOTING TIME OF ALARM, RESET, AND INVESTIGATION FINDINGS.

ABBREVIATIONS

(E)	EXISTING TO REMAIN	MTD	MOUNTED
(F)	FUTURE	MV	MEDIUM VOLTAGE
(N)	NEW	N	NEUTRAL
(RR)	REMOVE AND RELOCATE	N.E.C.	NATIONAL ELECTRICAL CODE
A	AMPERE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
AC	ALTERNATING CURRENT		
AF	AMPERE RATING OF FUSE	NEUT	NEUTRAL
AFCI	ARC FAULT CIRCUIT INTERRUPTER	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	NTS	NOT TO SCALE
AV	AUDIO/VISUAL	OS	OCCUPANCY SENSOR
BS	BRANCH SELECTOR	OSD	OCCUPANCY SENSOR DIMMER
C	CONDUIT	P	POLE
CKT	CIRCUIT	PB	PULL BOX
CU	CONDENSING UNIT	PH	PHASE
D	DEDICATED	PNL	PANEL
DIM	DIMMABLE	POS	POINT OF SALE
EC	ELECTRICAL CONTRACTOR	RSC	RIGID STEEL CONDUIT
EF	EXHAUST FAN	SAD	SEE ARCHITECTURAL DRAWINGS
ELEC	ELECTRICAL	SAVD	SEE AUDIO/VISUAL DRAWINGS
EM	EMERGENCY	SCD	SEE CIVIL DRAWINGS
EMT	ELECTRICAL METALLIC TUBING	SLD	SEE LANDSCAPE DRAWINGS
F/I	FURNISH AND INSTALL	SLDG	SINGLE LINE DIAGRAM
FACP	FIRE ALARM CONTROL PANEL	SMD	SEE MECHANICAL DRAWINGS
FATC	FIRE ALARM TERMINAL CAN	SPD	SEE PLUMBING DRAWINGS
FC	FAN COIL	SPEC	SPECIFICATION
FSD	FIRE SMOKE DAMPER	T	TELEPHONE
G	GROUNDING CONDUCTOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTER	TV	TELEVISION
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND
GND	GROUND	UAC	UNDER ANOTHER CONTRACT
HP	HORSEPOWER	UON	UNLESS OTHERWISE NOTED
HV	HIGH VOLTAGE	V	VOLT
kVA	KILOVOLT AMPS	VP	VANDAL PROOF
kW	KILOWATTS	VS	VACANCY SENSOR
LC	LOAD CENTER	VSD	VACANCY SENSOR DIMMER
LTG	LIGHTING	W	WATTS
LTS	LIGHTS	WP	WEATHERPROOF (NEMA 3R)
LV	LOW VOLTAGE	WT	WATERTIGHT
MC	MEDIA CABINET	XFMR	TRANSFORMER
MECH	MECHANICAL		

APPLICABLE CODES

1. 2025 BUILDING STANDARD ADMINISTRATIVE CODE. PART 1, TITLE 24 C.C.R.
2. 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
3. 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
4. 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
5. 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
6. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
7. 2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
9. 2022 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.
10. 2022 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R.
11. 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
12. TITLE 19, C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

NFPA 13, AUTOMATIC SPRINKLER SYSTEM, 2022 EDITION
NFPA 14, STANDPIPE AND HOSE SYSTEMS, 2019 EDITION
NFPA 72, NATIONAL FIRE ALARM CODE, 2022 EDITION
LOCAL MUNICIPAL BUILDING CODES

SHEET INDEX

FA00.0	FIRE ALARM TITLE SHEET
FA01.1	ENLARGED DEMOLITION SITE PLAN - FIRE ALARM
FA01.2	PARTIAL FIRE ALARM SITE PLAN
FA11.0	FIRE ALARM DEMOLITION PLAN
FA11.1	FIRE ALARM PLAN
FA70.1	FIRE ALARM RISER DIAGRAM AND CALCULATIONS
FA80.1	FIRE ALARM DETAILS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWALTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
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9		
10		
11		
12		

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

FA00.0

FIRE ALARM TITLE SHEET

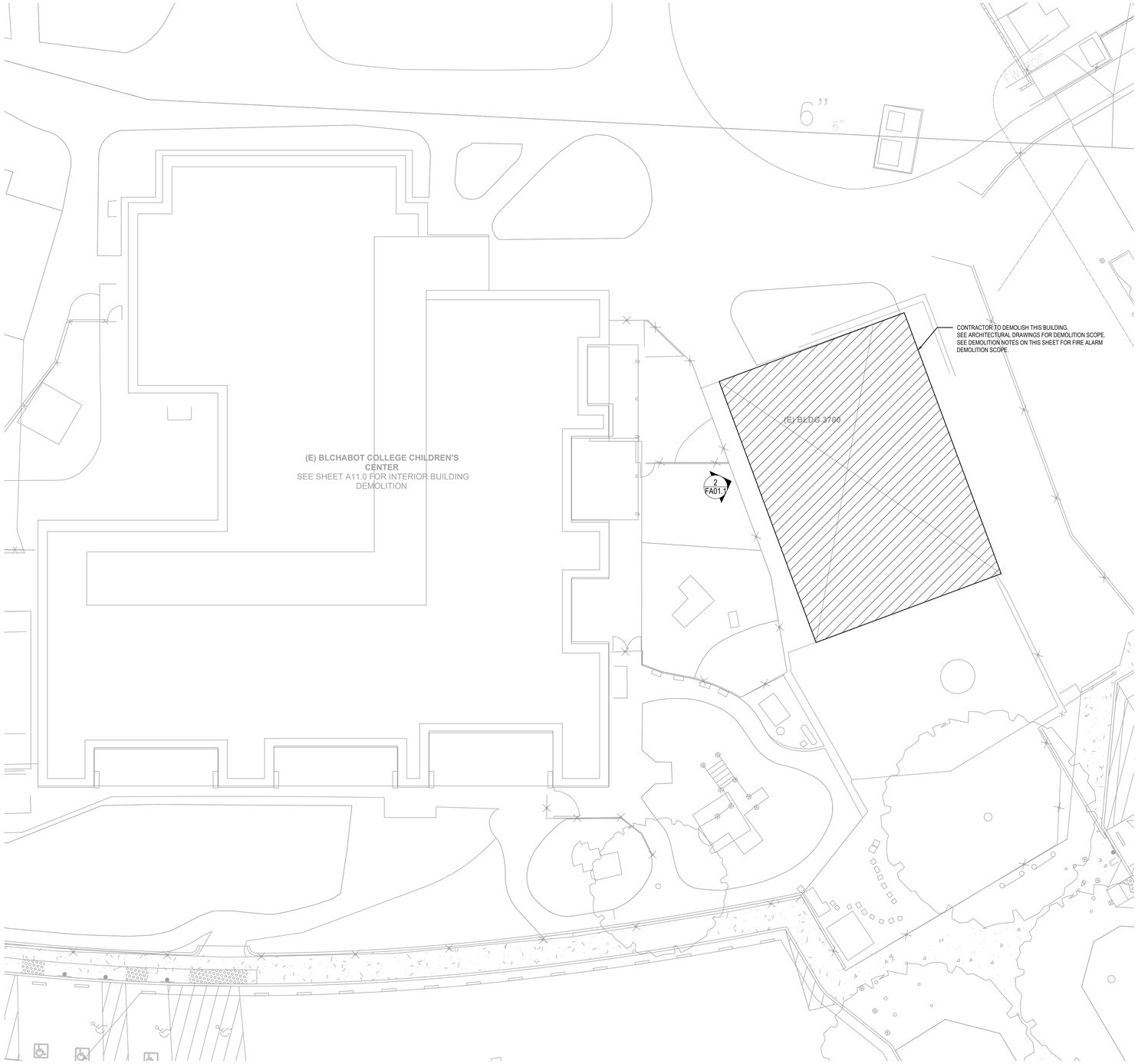
EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303



1 ENLARGED DEMOLITION SITE PLAN - FIRE ALARM

SCALE: NTS

DEMOLITION NOTES

GENERAL REQUIREMENTS:

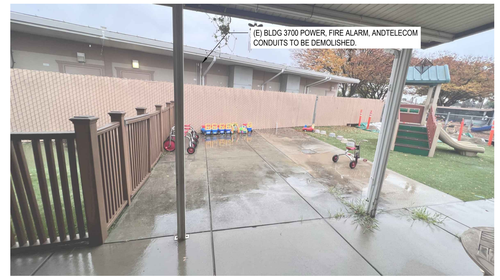
A. ALL DEMOLITION WORK SHALL COMPLY WITH APPLICABLE NFPA 72, LOCAL FIRE CODES, BUILDING CODES, AND AUTHORITY HAVING JURISDICTION (AHJ) REQUIREMENTS.

B. COORDINATE DEMOLITION ACTIVITIES WITH THE BUILDING OWNER, FACILITY MANAGEMENT, AND AHJ PRIOR TO START OF WORK.

C. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS ON-SITE. ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS SHALL BE REPORTED PRIOR TO DEMOLITION.

FIRE ALARM SYSTEM:

1. BEFORE ANY DEMOLITION, DISABLE AFFECTED CIRCUITS AT THE FIRE ALARM CONTROL PANEL (FACP) TO AVOID NUISANCE ALARMS OR DAMAGE.
2. REMOVE ALL FIRE ALARM DEVICES INDICATED FOR DEMOLITION, INCLUDING BUT NOT LIMITED TO SMOKE DETECTORS, HEAT DETECTORS, PULL STATIONS, NOTIFICATION APPLIANCES, FA MODULES, AND JUNCTION BOXES.
3. REMOVE ABANDONED OR UNUSED WIRING BACK TO ITS POINT OF ORIGIN OR TO THE NEAREST ACCESSIBLE JUNCTION BOX IN ACCORDANCE WITH ELECTRICAL CODE AND AHJ REQUIREMENTS.
4. REMOVE AND CAP RACEWAYS AS REQUIRED OR LEAVE IN PLACE WHERE INDICATED. ENSURE UNUSED PENETRATIONS ARE PROPERLY SEALED WITH FIRE-RATED MATERIALS.
5. REMOVE ALL FIRE ALARM CABLING ASSOCIATED WITH EQUIPMENT SLATED FOR DEMOLITION UNLESS OTHERWISE NOTED.
6. ABANDONED CABLING NOT REMOVED MUST BE TAGGED "ABANDONED" AND NEATLY COILED IN AN ACCESSIBLE LOCATION AS PERMITTED BY CODE.



2 PLAY YARD

SCALE: NTS

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SCALE: As indicated

FA01.1

ENLARGED DEMOLITION SITE PLAN - FIRE ALARM

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
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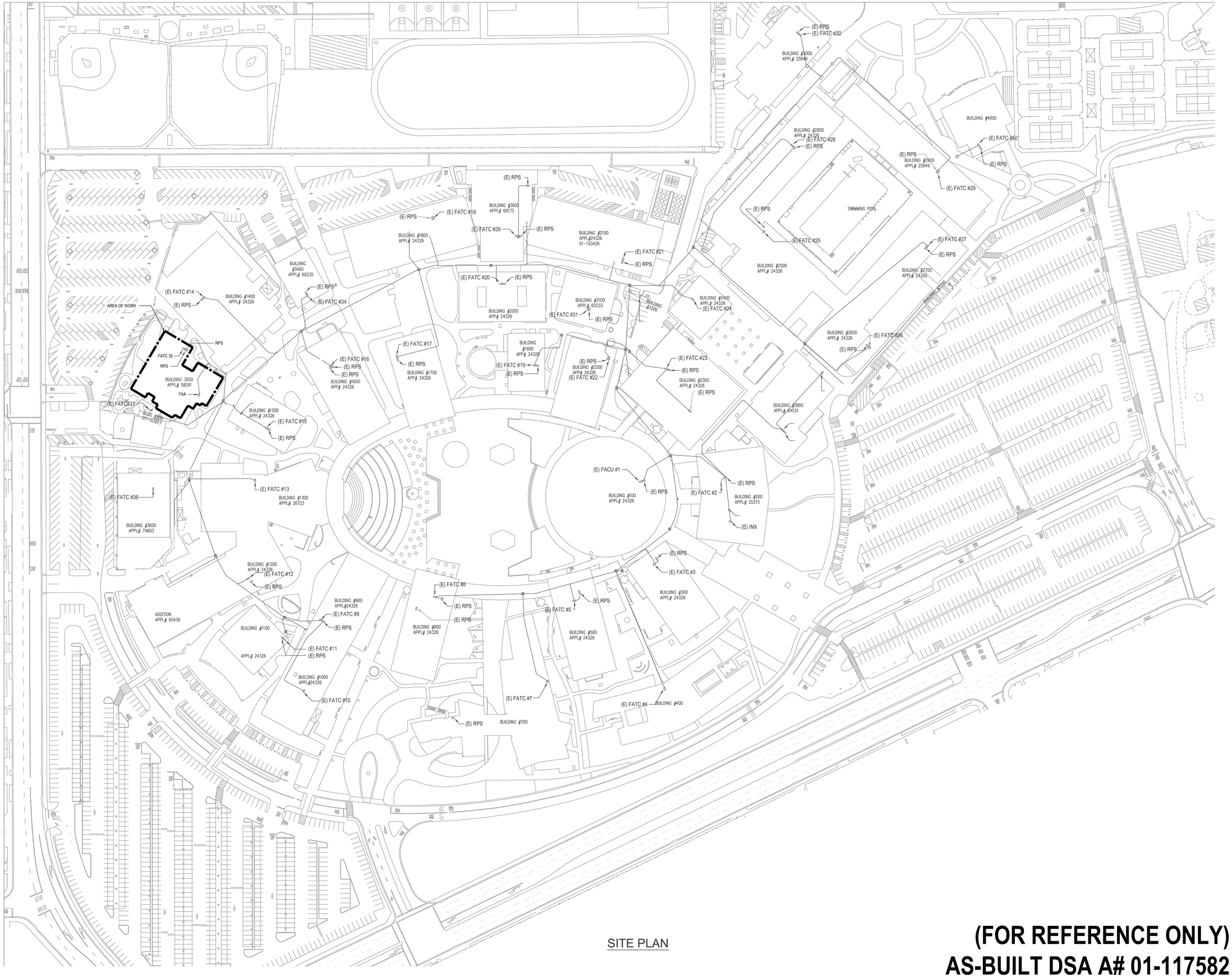

SITE PLAN

(FOR REFERENCE ONLY)
AS-BUILT DSA A# 01-117582

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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ELECTRICAL
STATE OF CALIFORNIA

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FA01.2

PARTIAL FIRE ALARM SITE PLAN

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

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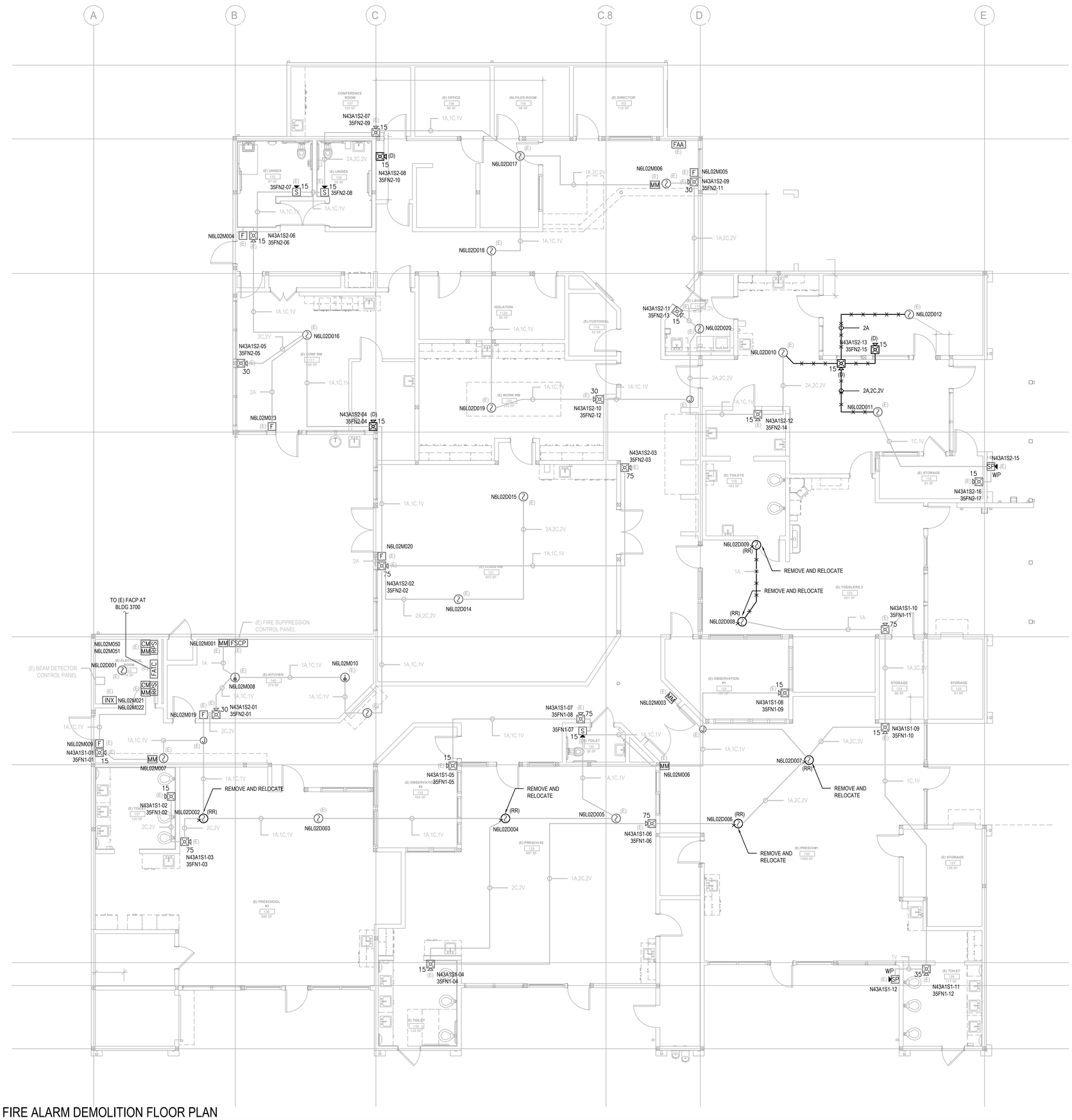


1 FIRE ALARM DEMOLITION FLOOR PLAN

SCALE: 3/16"=1'-0"

GENERAL NOTES

A. NOT ALL EXISTING CONDITIONS ARE SHOWN ON PLANS. VERIFY EXISTING CONDITIONS AND LOCATIONS OF FIRE ALARM DEVICES IN AREAS OF WORK PRIOR TO WORK.

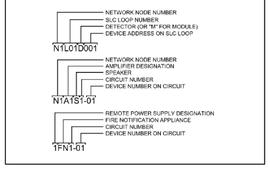
B. CONTRACTOR SHALL PROTECT ALL EXISTING DEVICES, EQUIPMENT, AND WIRING TO REMAIN. ANY DAMAGE TO EXISTING SYSTEMS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

C. REFER TO DSA A# 01-117582 FOR EXISTING CAMPUS FIRE ALARM SYSTEM DOCUMENTATION.

D. SMOKE DETECTOR SPACING SHALL COMPLY WITH NFPA 72 SECTION 17.7.4.2.3.1.

WIRE LEGEND			
DESIGNATION	CIRCUIT TYPE	WIRE TYPE	CIRCUIT CLASS
A	SIGNALING LINE CIRCUIT (SLC LOOP)	2#16 TWISTED/UNSHIELDED - FPLR	CLASS B
C	HORN/STROBE CIRCUIT	2#12 AWG - FPL	CLASS B
E	INITIATING DEVICE CIRCUIT	2#16 AWG - FPL	CLASS B
G	CONTROL CIRCUIT	2#14 AWG - FPL	
H	ANNUNCIATOR DATA CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B
J	24 VDC ANNUNCIATOR POWER	2#14 AWG - FPL	
K	24 VDC POWER	2#16 AWG - THHN	
N	NETWORK CIRCUIT	9/125 µm SINGLE-MODE FIBER (2 strands)	CLASS B
T	REMOTE TEST STATION CONNECTIONS	4#18 AWG - THHN	
V	SPEAKER CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B

ADDRESS LABEL CLARIFICATION



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ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWALTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

FA11.0

FIRE ALARM DEMOLITION PLAN

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
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SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

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(415) 963-4303

GENERAL NOTES

A. NOT ALL EXISTING CONDITIONS ARE SHOWN ON PLANS. VERIFY EXISTING CONDITIONS AND LOCATIONS OF FIRE ALARM DEVICES IN AREAS OF WORK PRIOR TO WORK.

B. CONTRACTOR SHALL PROTECT ALL EXISTING DEVICES, EQUIPMENT, AND WIRING TO REMAIN. ANY DAMAGE TO EXISTING SYSTEMS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

C. REFER TO DSA A# 01-117582 FOR EXISTING CAMPUS FIRE ALARM SYSTEM DOCUMENTATION.

D. ALL CONDUITS MUST BE CONCEALED.

E. TESTING OF THE RE-INSTALLED FIRE ALARM EQUIPMENT IS REQUIRED.

WIRE LEGEND			
DESIGNATION	CIRCUIT TYPE	WIRE TYPE	CIRCUIT CLASS
A	SIGNALING LINE CIRCUIT (SLC LOOP)	2#16 TWISTED/UNSHIELDED - FPLR	CLASS B
C	HORN/STROBE CIRCUIT	2#12 AWG - FPL	CLASS B
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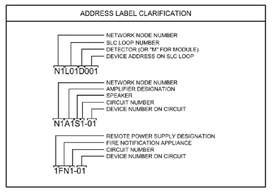
G	CONTROL CIRCUIT	2#14 AWG - FPL	
H	ANNUNCIATOR DATA CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B
J	24 VDC ANNUNCIATOR POWER	2#14 AWG - FPL	
K	24 VDC POWER	2#16 AWG - THHN	
N	NETWORK CIRCUIT	9/125 µm SINGLE-MODE FIBER (2 strands)	CLASS B
T	REMOTE TEST STATION CONNECTIONS	4#18 AWG - THHN	
V	SPEAKER CIRCUIT	2#16 TWISTED/SHIELDED - FPL	CLASS B

ADDRESS LABEL CLARIFICATION



F/I 110CD HORN/STROBE DEVICE IN EXISTING LOCATION.

RELOCATED EXISTING DEVICE

RELOCATED EXISTING DEVICE

RELOCATED EXISTING DEVICE

RELOCATED EXISTING DEVICE

RELOCATED EXISTING DEVICE

RELOCATED EXISTING DEVICE

TO (E) FACP AT BLDG 3700

(E) FIRE SUPPRESSION CONTROL PANEL

(E) BEAM DETECTOR CONTROL PANEL

1 FIRE ALARM PLAN

SCALE: 3/16"=1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT COLLEGE

PROJECT NAME: CHABOT EARLY CHILDHOOD AND PLAY YARD

ADDRESS: 25555 Hesperian Blvd, Hayward, CA 94545

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWALTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE

PROJECT NO: 2023-40178

DATE ISSUED: 03/13/26

SCALE: As indicated

FA11.1

FIRE ALARM PLAN

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

Required Standby Time in Hours (24 OR 60)			24 Hours
Required Alarm Time in Hours (5 minutes = 0.0833 - 15 minutes = 0.25)			0.2500 Hours
Multiply by the Derating Factor			1.2
Total Standby Current (Amps)	0.000000	X Required Standby Time in Hours=	0.000 AMPS
		+	
Alarm Condition Current (Amps)	2.805000	X Required Alarm Time in Hours=	0.701 AMPS
		= Total Current Load	0.701 AMPS
		X The Derating Factor	1.2
		= Total Ampere Hours Required	0.8415

System Checks	Recommended Batteries
THE BATTERIES CAN BE STORED INSIDE THE FACP. YOU NEED TO USE AN AUXILIARY NAC POWER SUPPLY	2 12 volt 7 ah batteries

TOTAL FIRE ALARM DEVICES	0
ADDITIONAL NAC REQUIREMENTS (Amps)	0.000
TOTAL NOTIFICATION APPLIANCES NAC 1	7
TOTAL NOTIFICATION APPLIANCES NAC 2	11
TOTAL NOTIFICATION APPLIANCES NAC 3 (Not on all FACPs)	10
TOTAL NOTIFICATION APPLIANCES NAC 4 (Not on all FACPs)	0
Voltage Drop for NAC Circuit 1	2.74%
Voltage Drop for NAC Circuit 2	3.18%
Voltage Drop for NAC Circuit 3	2.99%

3 FIRE ALARM VOLTAGE DROP CALCULATION

SCALE: NTS

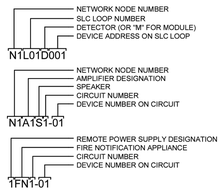
IDNet Addressable Devices (SLC)			
4098-9714	29	TRUEALARM PHOTO SMOKE SENSOR	Constant current draw of .8mA standby and 1mA alarm per address used. Devices requiring additional current are accounted for in the section labeled "Miscellaneous Peripheral Devices Requiring Additional System
4098-9793	29	TRUEALARM SENSOR BASE W/ ISOLATOR *	
4099-9004	2	ADDRESSABLE SINGLE ACTION MANUAL STATION *	
		Address Totals	31 Addresses 0.0248 0.0310
		System Totals*:	Standby 0.0248 Alarm 0.0310

Battery Set #1 (Cabinet/Charger #1)			Standby Current	Standby Total	Alarm Current	Alarm Total
Select ALL Power Supplies on this battery set:						
ESPS-1				0.0000		0.0000
ESPS-2				0.0000		0.0000
ESPS-3				0.0000		0.0000
				Sub Total 0.0000		0.0000
Additional Current Draws:						
RUI Connected Peripheral Devices	0	x 0.0035		= 0.0000	x 0.0035	= 0.0000
MAPNET/IDNet Device Address Communication Current	31	x 0.000800		= 0.0248	x 0.001000	= 0.0310
				Sub Total 0.0248		0.0310
Spare addressable point capacity	0%	0	x 0.0008	= 0.0000	x 0.001	= 0.0000
				Total 0.0248		0.0310
Standby Time =	24	Hrs	x 0.0248	= 0.5952	Standby Ah	
Alarm Time =	15	Min	0.25 x 0.031	= 0.0078	Alarm Ah	
				0.6030		
Additional Spare Battery Capacity =	0%		+	0.0000		
				0.6030		
Battery Discharge Factor =	25%		+	0.1507		
Minimum Battery Required	2081-9286 7.0AH (2x)			0.7537		
Battery Supplied	2081-9286 7.0AH (2x)					

2 FIRE ALARM BATTERY CALCULATION

SCALE: NTS

ADDRESS LABEL CLARIFICATION



WIRE LEGEND			
DESIGNATION	CIRCUIT TYPE	WIRE TYPE	CIRCUIT CLASS
A	SIGNALING LINE CIRCUIT (SLC LOOP)	2#16 TWISTED/UNSHIELDED - FPLR	CLASS B
C	HORN/STROBE CIRCUIT	2#12 AWG - FPL	CLASS B
E	INITIATING DEVICE CIRCUIT	2#16 AWG - FPL	CLASS B
G	CONTROL CIRCUIT	2#14 AWG - FPL	
H	ANNUNCIATOR DATA CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B
J	24 VDC ANNUNCIATOR POWER	2#14 AWG - FPL	
K	24 VDC POWER	2#16 AWG - THHN	
N	NETWORK CIRCUIT	9/125 µm SINGLE-MODE FIBER (2 strands)	CLASS B
T	REMOTE TEST STATION CONNECTIONS	4#18 AWG - THHN	
V	SPEAKER CIRCUIT	2#18 TWISTED/SHIELDED - FPL	CLASS B

NOTE:
FIRE ALARM CONTROL PANELS ARE INTERCONNECTED THROUGH THE INTELLIGENT FIRE ALARM NETWORK (INTS). ALARM, SUPERVISORY, AND TROUBLE SIGNALS ARE TRANSMITTED TO THE HEAD-END FIRE ALARM CONTROL PANEL WITH DACT-E3 DIGITAL ALARM COMMUNICATOR, WHICH COMMUNICATES WITH THE UL-LISTED SUPERVISING STATION VIA TWO INDEPENDENT TELEPHONE LINES IN ACCORDANCE WITH NFPA 72 CHAPTER 26.

1 EXISTING FIRE ALARM RISER DIAGRAM

SCALE: NTS

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWALTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178
DATE ISSUED: 03/13/26
SCALE: As indicated

FA70.1

FIRE ALARM RISER DIAGRAM AND CALCULATIONS

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
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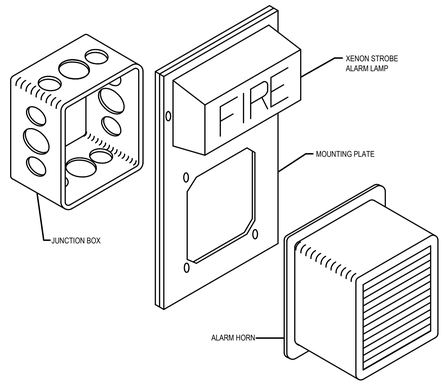
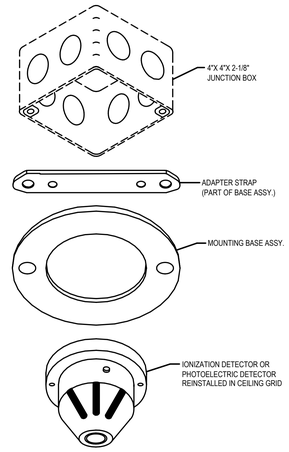


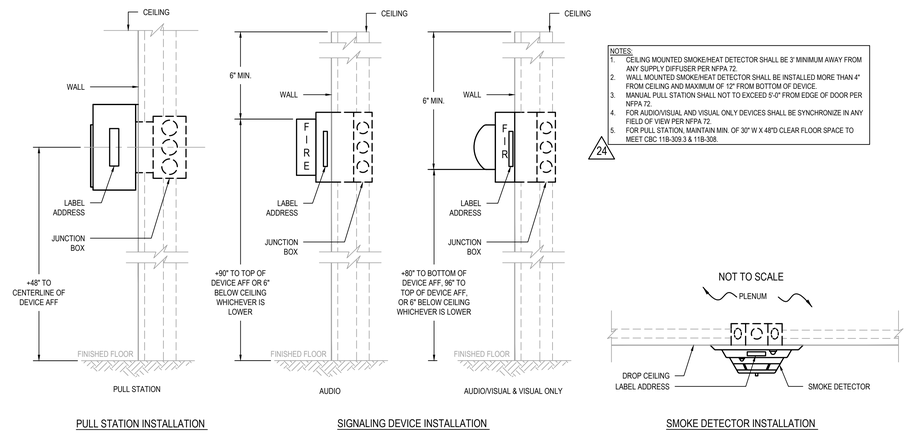
4 FIRE ALARM HORN/STROBE LIGHT MOUNTING DETAIL

SCALE: NTS



2 TYPICAL SMOKE DETECTOR MOUNTING DETAIL

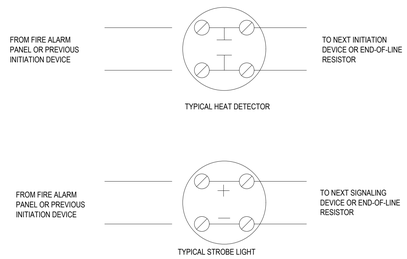
SCALE: NTS



PULL STATION INSTALLATION | SIGNALING DEVICE INSTALLATION | SMOKE DETECTOR INSTALLATION

3 FIRE ALARM DEVICE MOUNTING HEIGHT DETAIL

SCALE: SCHEMATIC



1 TYPICAL FIRE ALARM DETAILS

SCALE: NTS

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN HOWARTER
E18568
Exp: 12/31/2026
ELECTRICAL
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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PROJECT NO: 2023-40178

DATE ISSUED: 03/13/26

SCALE: As indicated

FA80.1

FIRE ALARM DETAILS

EDesignC Incorporated

ENGINEERING DESIGN COLLABORATIVE
582 MARKET STREET, SUITE 400
SAN FRANCISCO, CA 94104

212 9TH STREET, SUITE 203
OAKLAND, CA 94607

91 GREGORY LANE, SUITE 3
PLEASANT HILL, CA 94523

(415) 963-4303

USASHADE & Fabric Structures, Inc.

FABRIC SHADE STRUCTURE

DSA P.C. 04-123501

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE 2022 EDITION OF THE TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2. ALL WORK SHALL BE IN COMPLIANCE WITH CFC CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
3. SEE INDIVIDUAL STRUCTURAL DRAWINGS FOR SPECIFIC DESIGN NOTES AND LOADING.
4. PRIOR TO SUBMITTAL ARCHITECT OF RECORD SHALL IDENTIFY PC MODEL(S) SELECTED BY END USER ON SHEETS T-1.0 AND T-2.0 BY CHECKING THE APPROPRIATE BOX ASSOCIATED WITH SELECTED PC MODEL(S). EXCLUDE SHEETS FOR MODELS NOT SELECTED.

PLANS FOR SPECIFIC APPLICATION SHALL INCLUDE THE FOLLOWING:

1. COMPLETE SCOPE OF WORK INCLUDING THE SHADE STRUCTURE MODEL NUMBER, P.C. NUMBER, AND SPECIFIC SIZE OF THE SHADE STRUCTURE(S).
2. PROVIDE A CODE ANALYSIS, INCLUDING ACTUAL SHADE STRUCTURE AREA (SQ. FT.), OCCUPANCY TYPE (A-3), AND TYPE OF CONSTRUCTIONS (V-B). INDICATE OCCUPANT LOAD FACTOR (2022 CBC, SECTION 1004).
3. ACTUAL DIMENSIONS OF SHADE STRUCTURES.
4. DIMENSIONS FROM ADJACENT STRUCTURES AND PROXIMITY OF ASSUMED OR ACTUAL PROPERTY LINES.
5. INDICATE LOCATIONS OF FIRE EXTINGUISHERS WITHIN 75 FEET.
6. SHOW LOCATION OF AUDIBLE FIRE ALARM.
7. ALL SADDLES, CLAMPS AND FITTINGS SHALL CONFORM TO THE GUIDELINES AS SPECIFIED IN APPENDICES "A, B, & C", RESPECTIVELY, IN ASCE/SEI 19-16, "STRUCTURAL APPLICATIONS OF STEEL CABLES FOR BUILDINGS."
8. ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS LOCATED IN A MAPPED GEOLOGIC HAZARD ZONE. GEOHAZARD REPORTS REQUIREMENTS SHALL COMPLY WITH DSA IR A-4.
9. ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS LOCATED IN A MAPPED FIRE HAZARD SEVERITY ZONE OR WILDLAND INTERFACE AREA.

FOR SNOW LOAD MODELS ONLY:

10. INDICATE DIMENSIONS FROM THE ROOF TO THE HIGHER STRUCTURE OR TERRAIN FEATURE. MINIMUM DIMENSION OF 20'-0" FOR SNOW LOAD MODEL (ASCE 7-16).
11. ACTUAL SITE ELEVATION (FEET) TO DETERMINE IF THE SITE OCCURS AT OR BELOW THE UPPER ELEVATION LIMIT FOR THE GROUND SNOW LOAD SHOWN IN ASCE 7-16.

P.C. NOTES

PLANS FOR SPECIFIC APPLICATION SHALL INCLUDE THE FOLLOWING:

LIST OF APPLICABLE CODES:

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- 2022 CALIFORNIA ELECTRICAL CODE (CEC) , PART 3, TITLE 24 C.C.R.
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R.
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS:

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

APPLICABLE CODES

SITE SPECIFIC PARAMETERS

INSTRUCTIONS: DESIGN PROFFESIONAL SHALL CHECK THE APPROPRIATE SELECTION BOXES BELOW AND ENTER THE DESIGN PARAMETERS APPLICABLE TO THE SPECIFIC PROJECT SITE

SEISMIC

SELECT ONE

- ☑ DESIGN BASED ON SITE CLASS $D_{default}$
  NO GEOTECHNICAL INVESTIGATION REQUIRED
  Ss = 1.847g Fa = 1.2
- ☐ DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16
  GEOTECHNICAL INVESTIGATION PROVIDED
  SITE CLASS: ☐ C ☐ D
  Ss = _____ Fa = _____ PER ASCE 7-16 SUPPL 3, TABLE 11.4-1
- ☐ DESIGN BASED ON SITE CLASS SPECIFIC GROUND MOTION HAZARD ANALYSIS PER CHAPTER 21 OF ASCE 7-16
  SHORT-PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S_{DS}, SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION
  CGS APPROVAL REQUIRED
  NOT ELIGIBLE FOR OTC REVIEW
  SITE CLASS: ☐ C ☐ D

S_{DS} = 2/3 Fa Ss = 1.2 ≤ 2.0
Cs = 1.6 USED IN DESIGN
SEISMIC DESIGN CATEGORY: ☐ D ☐ E

CODE ANALYSIS			
OCCUPANCY GROUP	OCCUPANT LOAD FACTOR	TOTAL OCCUPANT LOAD	SHADE STRUCTURE AREA (ft^2)

SITE SPECIFIC PARAMETERS

MANUFACTURER:

USA SHADE & FABRIC STRUCTURES
2580 ESTERS BOUVLEVARD, SUITE 100
DFW AIRPORT, TEXAS 75261
PH. 800-966-5005
W. www.usa-shade.com

ARCHITECT:

HIGGINSON ARCHITECTS, INC.
DAVID HIGGINSON, AIA, PRINCIPAL ARCHITECT
34247 YUCAIPA BOULEVARD, SUITE D
YUCAIPA, CALIFORNIA 92399
PH. 909-499-0058
E. dhiggInson@higgInsonarchitects.com
W. www.hIggInsonarchitects.com

LICENSED ARCHITECT — DAVID HIGGINSON — C19168 — 10-31-25 RENEWAL DATE — STATE OF CALIFORNIA

8/19/24

STRUCTURAL ENGINEER:

MARK LOWE, S.E.
c/o USA SHADE AND FABRIC STRUCTURES

REGISTERED PROFESSIONAL ENGINEER — MARK ALBERT LOWE — No. 3693 — STRUCTURAL — STATE OF CALIFORNIA

8/23/2024

ARCHITECT / ENGINEER

✓	SHEET NO.	SHEET DESCRIPTION	UNIT STRUCTURE TYPE	MAX. UNIT SIZE	UNIT MODEL NUMBER
X	T-1.0	TITLE SHEET			
X	T-2.0	UNIT SELECTION			
X	T-3.0	T&I FORMS			
	1.1-1000	PRODUCT INFORMATION	HIP	20' x 30' x 15'	DSA4012030-22
	1.2-2000	REACTIONS	HIP	20' x 30' x 15'	DSA4012030-22
	2.1-1000	PRODUCT INFORMATION	HIP	30' x 30' x 15'	DSA4013030-22
	2.2-2000	REACTIONS	HIP	30' x 30' x 15'	DSA4013030-22
	3.1-1000	PRODUCT INFORMATION	HIP	30' x 40' x 15'	DSA4013040-22
	3.2-2000	REACTIONS	HIP	30' x 40' x 15'	DSA4013040-22
	4.1-1000	PRODUCT INFORMATION	HIP	40' x 40' x 15'	DSA4014040-22
	4.2-2000	REACTIONS	HIP	40' x 40' x 15'	DSA4014040-22
X	5.1-1000	PRODUCT INFORMATION	HIP	20' x 30' x 12'	DSA401203012-22
X	5.2-2000	REACTIONS	HIP	20' x 30' x 12'	DSA401203012-22
	6.1-1000	PRODUCT INFORMATION	HIP	30' x 30' x 12'	DSA401303012-22
	6.2-2000	REACTIONS	HIP	30' x 30' x 12'	DSA401303012-22
	7.1-1000	PRODUCT INFORMATION	HIP	30' x 40' x 12'	DSA401304012-22
	7.2-2000	REACTIONS	HIP	30' x 40' x 12'	DSA401304012-22
	8.1-1000	PRODUCT INFORMATION	HIP (20 psf SNOW LOAD)	20' x 30' x 15'	DSA401S2030-22
	8.2-2000	REACTIONS	HIP (20 psf SNOW LOAD)	20' x 30' x 15'	DSA401S2030-22
	9.1-1000	PRODUCT INFORMATION	JOINED HIPS	VARIES	DSA401J-22
	9.2-1001	DETAILS	JOINED HIPS	VARIES	DSA401J-22
	9.3-2000	REACTIONS	JOINED HIPS	VARIES	DSA401J-22
	10.1-1000	PRODUCT INFORMATION	QUAD JOINED HIPS	VARIES	DSA401Q-22
	10.2-1001	DETAILS	QUAD JOINED HIPS	VARIES	DSA401Q-22
	10.3-2000	REACTIONS	QUAD JOINED HIPS	VARIES	DSA401Q-22
	11.1-1000	PRODUCT INFORMATION	FULL CANTILEVER HIP SINGLE	20' x 30' x 15'	DSA2022030-22
	11.2-2000	REACTIONS	FULL CANTILEVER HIP SINGLE	20' x 30' x 15'	DSA2022030-22
	12.1-1000	PRODUCT INFORMATION	FULL CANTILEVER HIP JOINED	20' x 200' x 15'	DSA3022060-22
	12.2-2000	REACTIONS	FULL CANTILEVER HIP JOINED	20' x 200' x 15'	DSA3022060-22
	13.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID	14' x 14' x 12'	DSA1031414-22
	13.2-2000	REACTIONS	SINGLE POST PYRAMID	14' x 14' x 12'	DSA1031414-22
	14.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID	20' x 20' x 12'	DSA1032020-22
	14.2-2000	REACTIONS	SINGLE POST PYRAMID	20' x 20' x 12'	DSA1032020-22
	15.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID CANTILEVER	14' x 14' x 12'	DSA1241414-22
	15.2-2000	REACTIONS	SINGLE POST PYRAMID CANTILEVER	14' x 14' x 12'	DSA1241414-22
	16.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID CANTILEVER	20' x 20' x 12'	DSA1242020-22
	16.2-2000	REACTIONS	SINGLE POST PYRAMID CANTILEVER	20' x 20' x 12'	DSA1242020-22
	17.1-1000	PRODUCT INFORMATION	MARINER PEAK	30' x 30' x 15'	DSA4073030-22
	17.2-2000	REACTIONS	MARINER PEAK	30' x 30' x 15'	DSA4073030-22
	18.1-1000	PRODUCT INFORMATION	MARINER PEAK	30' x 40' x 18'	DSA4073040-22
	18.2-2000	REACTIONS	MARINER PEAK	30' x 40' x 18'	DSA4073040-22
	19.1-1000	PRODUCT INFORMATION	MARINER PEAK JOINED	30' x 133' x 15'	DSA407J3060-22
	19.2-2000	REACTIONS	MARINER PEAK JOINED	30' x 133' x 15'	DSA407J3060-22
	20.1-1000	PRODUCT INFORMATION	MARINER PEAK QUAD	60' x 60' x 15'	DSA407Q6060-22
	20.2-2000	REACTIONS	MARINER PEAK QUAD	60' x 60' x 15'	DSA407Q6060-22
	21.1-1000	PRODUCT INFORMATION	TRI TRUSS HIP SINGLE WIDE	20' x 30' x 15'	DSA2062030-22
	21.2-2000	REACTIONS	TRI TRUSS HIP SINGLE WIDE	20' x 30' x 15'	DSA2062030-22
	22.1-1000	PRODUCT INFORMATION	TRI TRUSS HIP JOINED	20' x 200' x 15'	DSA3052060-22
	22.2-2000	REACTIONS	TRI TRUSS HIP JOINED	20' x 200' x 15'	DSA3052060-22
	23.1-1000	PRODUCT INFORMATION	TENSION SAILS THREE POINT	30' x 133' x 15'	DSA30730-22
	23.2-2000	REACTIONS	TENSION SAILS THREE POINT	30' x 133' x 15'	DSA30730-22
	24.1-1000	PRODUCT INFORMATION	TENSIONS SAILS FOUR POINT	20' x 200' x 15'	DSA4182020-22
	24.2-2000	REACTIONS	TENSIONS SAILS FOUR POINT	20' x 200' x 15'	DSA4182020-22
	25.1-1000	PRODUCT INFORMATION	TENSIONS SAILS FOUR POINT	30' x 133' x 15'	DSA4183030-22
	25.2-2000	REACTIONS	TENSIONS SAILS FOUR POINT	30' x 133' x 15'	DSA4183030-22
	26.1-1000	PRODUCT INFORMATION	TRIANGLE	25' x 25' x 15'	DSA30125-22
	26.2-2000	REACTIONS	TRIANGLE	25' x 25' x 15'	DSA30125-22
	27.1-1000	PRODUCT INFORMATION	TRIANGLE	40' x 40' x 15'	DSA30140-22
	27.2-2000	REACTIONS	TRIANGLE	40' x 40' x 15'	DSA30140-22
	28.1-1000	PRODUCT INFORMATION	HEXAGON	Ø40' X 15'	DSA60340-22
	28.2-2000	REACTIONS	HEXAGON	Ø40' X 15'	DSA60340-22
	29.1-1000	PRODUCT INFORMATION	HEXAGON	Ø60' X 15'	DSA60360-22
	29.2-2000	REACTIONS	HEXAGON	Ø60' X 15'	DSA60360-22

TOTAL SHEET COUNT: 63 SHEETS

SHEET INDEX

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
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DATE: 04/01/2026

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN

USASHADE & Fabric Structures®
CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Chabot-Las Positas Community College District

PROJECT NAME:
Chabot College
Early Childhood Lab

LOCATION:
2555 Hesperian Blvd.
Hayward, CA 94545

MODEL NUMBER:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-123501 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 12/11/2024

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

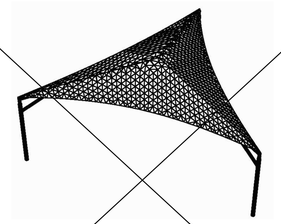
Eng. By :	DWH	8/19/23
Design By :	DWH	8/19/23
Approved By :	DWH	8/19/23

DRAWING DESCRIPTION:

DWG. TITLE SHEET

SHEET T-1.0

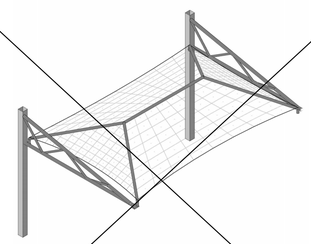
REV.



STRUCTURE MODEL:	DSA30125-22	SEE SHEET 26.1-1000
MAX. SIZE:	25' x 25' x 15'	
MAX. AREA:	277 SQ. FT.	
MAX. OCCUPANCY:	18 PERSONS	
STRUCTURE MODEL:	DSA30140-22	SEE SHEET 27.1-1000
MAX. SIZE:	40' x 40' x 15'	
MAX. AREA:	692 SQ. FT.	
MAX. OCCUPANCY:	46 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

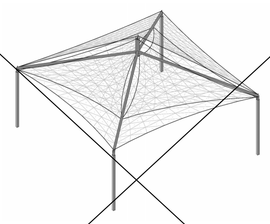
TRIANGLE



STRUCTURE MODEL:	DSA2062030-22	SEE SHEET 21.1-1000
MAX. SIZE:	20' x 30' x 15'	
MAX. AREA:	600 SQ. FT.	
MAX. OCCUPANCY:	40 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

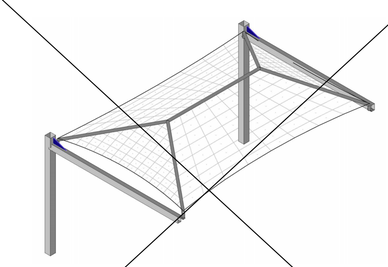
TRI-TRUSS HIP SINGLE WIDE



STRUCTURE MODEL:	DSA4073030-22	SEE SHEET 17.1-1000
MAX. SIZE:	30' x 30' x 15'	
MAX. AREA:	900 SQ. FT.	
MAX. OCCUPANCY:	60 PERSONS	
STRUCTURE MODEL:	DSA4073040-22	SEE SHEET 18.1-1000
MAX. SIZE:	30' x 40' x 15'	
MAX. AREA:	1,200 SQ. FT.	
MAX. OCCUPANCY:	80 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

MARINER PEAK



STRUCTURE MODEL:	DSA2022030-22	SEE SHEET 11.1-1000
MAX. SIZE:	20' x 30' x 15'	
MAX. AREA:	600 SQ. FT.	
MAX. OCCUPANCY:	40 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

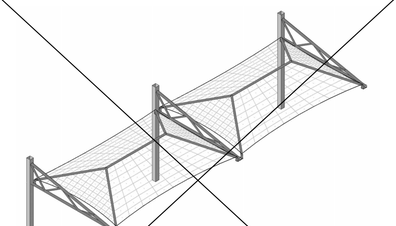
FULL CANTILEVER HIP SINGLE



STRUCTURE MODEL:	DSA60340-22	SEE SHEET 28.1-1000
MAX. SIZE:	Ø40' x 15'	
MAX. AREA:	1,040 SQ. FT.	
MAX. OCCUPANCY:	69 PERSONS	
STRUCTURE MODEL:	DSA60360-22	SEE SHEET 29.1-1000
MAX. SIZE:	Ø60' x 15'	
MAX. AREA:	2,338 SQ. FT.	
MAX. OCCUPANCY:	156 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

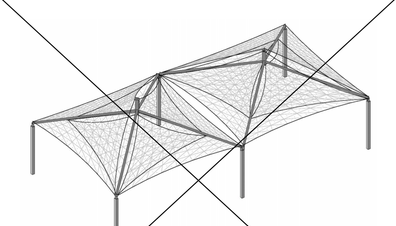
HEXAGON



STRUCTURE MODEL:	DSA3052060-22	SEE SHEET 22.1-1000
MAX. SIZE:	20' x 200' x 15'	
MAX. AREA:	4,000 SQ. FT.	
MAX. OCCUPANCY:	266 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

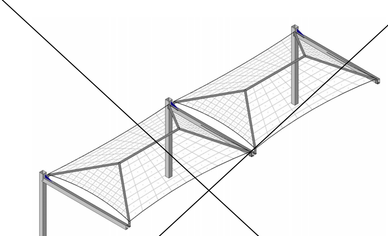
TRI-TRUSS HIP JOINED



STRUCTURE MODEL:	DSA407J3060-22	SEE SHEET 19.1-1000
MAX. SIZE:	30' x 133' x 15'	
MAX. AREA:	3,990 SQ. FT.	
MAX. OCCUPANCY:	266 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

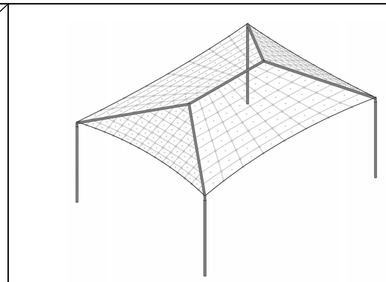
MARINER PEAK JOINED



STRUCTURE MODEL:	DSA3022060-22	SEE SHEET 12.1-1000
MAX. SIZE:	20' x 200' x 15'	
MAX. AREA:	4,000 SQ. FT.	
MAX. OCCUPANCY:	266 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

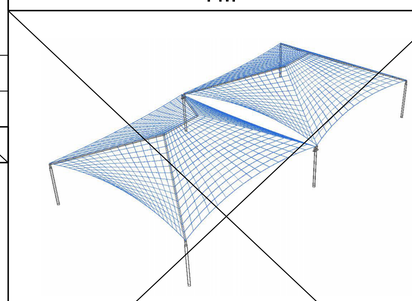
FULL CANTILEVER HIP JOINED



STRUCTURE MODEL:	DSA4012030-22	SEE SHEET 1.1-1000
MAX. SIZE:	20' x 30' x 15'	
MAX. AREA:	600 SQ. FT.	
MAX. OCCUPANCY:	40 PERSONS	
STRUCTURE MODEL:	DSA4013030-22	SEE SHEET 2.1-1000
MAX. SIZE:	30' x 30' x 15'	
MAX. AREA:	900 SQ. FT.	
MAX. OCCUPANCY:	60 PERSONS	
STRUCTURE MODEL:	DSA4013040-22	SEE SHEET 3.1-1000
MAX. SIZE:	30' x 40' x 15'	
MAX. AREA:	1,200 SQ. FT.	
MAX. OCCUPANCY:	80 PERSONS	
STRUCTURE MODEL:	DSA4014040-22	SEE SHEET 4.1-1000
MAX. SIZE:	40' x 40' x 15'	
MAX. AREA:	1,600 SQ. FT.	
MAX. OCCUPANCY:	106 PERSONS	
X STRUCTURE MODEL:	DSA401203012-22	SEE SHEET 5.1-1000
MAX. SIZE:	20' x 30' x 12'	
MAX. AREA:	600 SQ. FT.	
MAX. OCCUPANCY:	40 PERSONS	
STRUCTURE MODEL:	DSA401303012-22	SEE SHEET 6.1-1000
MAX. SIZE:	30' x 30' x 12'	
MAX. AREA:	900 SQ. FT.	
MAX. OCCUPANCY:	60 PERSONS	
STRUCTURE MODEL:	DSA401304012-22	SEE SHEET 7.1-1000
MAX. SIZE:	30' x 40' x 12'	
MAX. AREA:	1,200 SQ. FT.	
MAX. OCCUPANCY:	80 PERSONS	
STRUCTURE MODEL:	DSA401S2030-22 (20 psf SNOW LOAD)	SEE SHEET 8.1-1000
MAX. SIZE:	20' x 30' x 15'	
MAX. AREA:	600 SQ. FT.	
MAX. OCCUPANCY:	40 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

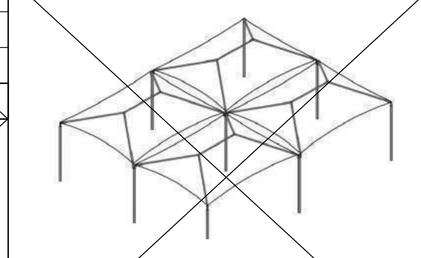
HIP



STRUCTURE MODEL:	DSA401J-22	SEE SHEET 9.1-1000
MAX. SIZE:	VARIES, SEE JOINED HIP UNIT SHEET	
MAX. AREA:	VARIES	
MAX. OCCUPANCY:	VARIES	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

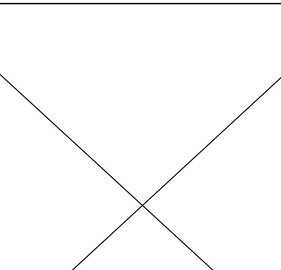
JOINED HIP



STRUCTURE MODEL:	DSA401Q-22	SEE SHEET 10.1-1000
MAX. SIZE:	VARIES, SEE QUAD HIP UNIT SHEET	
MAX. AREA:	VARIES	
MAX. OCCUPANCY:	VARIES	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

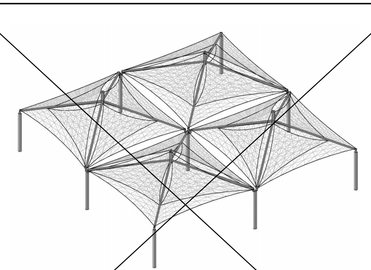
QUAD HIP



STRUCTURE MODEL:	DSA30730-22	SEE SHEET 23.1-1000
MAX. SIZE:	30' x 133' x 15'	
MAX. AREA:	3,990 SQ. FT.	
MAX. OCCUPANCY:	266 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

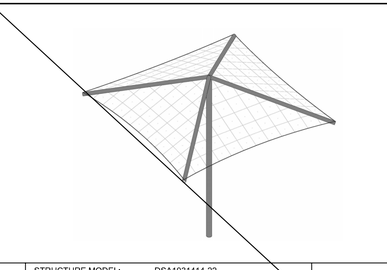
TENSIONS SAILS THREE-POINT



STRUCTURE MODEL:	DSA407Q8060-22	SEE SHEET 20.1-1000
MAX. SIZE:	60' x 60' x 15'	
MAX. AREA:	3,600 SQ. FT.	
MAX. OCCUPANCY:	240 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

MARINER PEAK QUAD

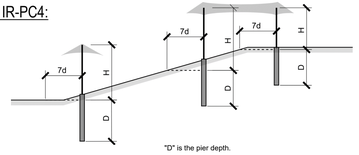


STRUCTURE MODEL:	DSA1031414-22	SEE SHEET 13.1-1000
MAX. SIZE:	14' x 14' x 12'	
MAX. AREA:	196 SQ. FT.	
MAX. OCCUPANCY:	13 PERSONS	
STRUCTURE MODEL:	DSA1032020-22	SEE SHEET 14.1-1000
MAX. SIZE:	20' x 20' x 12'	
MAX. AREA:	400 SQ. FT.	
MAX. OCCUPANCY:	26 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

SINGLE POST PYRAMID

PER IR-PC4:



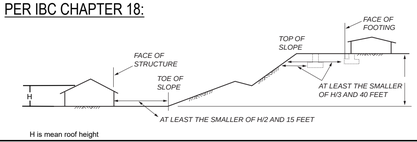
"D" is the pier depth.

"d" is the pier diameter.

"7d" is the horizontal plane projected from 7 times d.

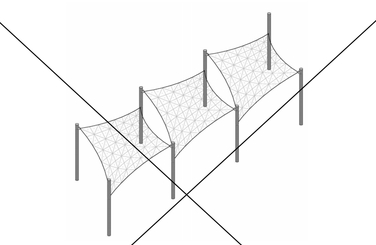
"H" is the theoretical column height (column height plus part of projected height)

PER IBC CHAPTER 18:



H is mean roof height

PC SLOPE DESIGN PARAMETERS

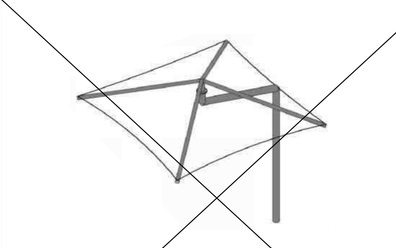


STRUCTURE MODEL:	DSA4182020-22	SEE SHEET 24.1-1000
MAX. SIZE:	20' x 200' x 15'	
MAX. AREA:	4,000 SQ. FT.	
MAX. OCCUPANCY:	266 PERSONS	
STRUCTURE MODEL:	DSA4183030-22	SEE SHEET 25.1-1000
MAX. SIZE:	30' x 133' x 15'	
MAX. AREA:	3,990 SQ. FT.	
MAX. OCCUPANCY:	266 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

TENSIONS SAILS FOUR-POINT

NOT USED



STRUCTURE MODEL:	DSA1241414-22	SEE SHEET 15.1-1000
MAX. SIZE:	14' x 14' x 12'	
MAX. AREA:	196 SQ. FT.	
MAX. OCCUPANCY:	13 PERSONS	
STRUCTURE MODEL:	DSA1242020-22	SEE SHEET 16.1-1000
MAX. SIZE:	20' x 20' x 12'	
MAX. AREA:	400 SQ. FT.	
MAX. OCCUPANCY:	26 PERSONS	

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

SINGLE POST PYRAMID CANTILEVER

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN

USA SHADE & Fabric Structures®

CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:

IAS CERTIFICATION No: FA-428

CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Chabot-Las Positas Community College District

PROJECT NAME:
Chabot College
Early Childhood Lab

LOCATION:
2555 Hesperian Blvd.
Hayward, CA 94545

MODEL NUMBER:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-123501 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☒ CG ☐
DATE: 12/11/2024

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE:
D

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

Eng. By :	DWH	8/19/23
Design By :	DWH	8/19/23
Approved By :	DWH	8/19/23

DRAWING DESCRIPTION:

DWG.
UNIT SELECTION

SHEET
T-2.0

REV.

LICENSED ARCHITECT
DAVID HIGGINSON
C19168
10-31-25
RENEWAL DATE
STATE OF CALIFORNIA
8/19/24

REGISTERED PROFESSIONAL ENGINEER
MARK ALBERT LOWE
No. 3693
STRUCTURAL
STATE OF CALIFORNIA
8/23/2024

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC

General

Application Number: 04-123501
DSA File Number: PC-140
School Name: PCC FABRIC SHADE STRUCTURES
Increment Number:
School District: USA SHADE AND FABRIC STRUCTURES
Date Created: 2024-08-06 15:16:59

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Undefined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS

1. TYPE	2. PERFORMED BY
Continuous – Indicates that a continuous special inspection is required **Periodic –** Indicates that a periodic special inspection is required **Test –** Indicates that a test is required	**GE (Geotechnical Engineer) –** Indicates that the special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative. **LOR (Laboratory of Record) –** Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CAC Section 4-335. **PI (Project Inspector) –** Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA. **SI (Special Inspection) –** Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: 04-123501
DSA File Number: PC-140
School Name: PCC FABRIC SHADE STRUCTURES
Increment Number:
School District: USA SHADE AND FABRIC STRUCTURES
Date Created: 2024-08-06 15:16:59

Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report

	S1. GENERAL:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify that: • Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. • Foundation excavations are extended to proper depth and have reached proper material. • Materials below footings must not contain loose material, mud, organic silt, organic clays, or peat.	**See Notes**	**PI**	Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12" depth under foundations and/or within the building envelope is not permitted without a geotechnical report.

	S2. SOIL COMPACTION AND FILL:	see T&I Note #7 for additional information		
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Perform classification and testing of fill materials.	**Test**	**LOR***	* Under the supervision of the geotechnical engineer.
☐	**b.** Verify use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill.	**Continuous**	**LOR***	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
☐	**c.** Compaction testing.	**Test**	**LOR***	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.

	S3. DRIVEN DEEP FOUNDATIONS (PILES):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Verify pile materials, sizes and lengths comply with the requirements.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: 04-123501
DSA File Number: PC-140
School Name: PCC FABRIC SHADE STRUCTURES
Increment Number:
School District: USA SHADE AND FABRIC STRUCTURES
Date Created: 2024-08-06 15:16:59

	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**b.** Determine capacities of test piles and conduct additional load tests as required.	**Test**	**LOR***	* Under the supervision of the geotechnical engineer.
☐	**c.** Inspect driving operations and maintain complete and accurate records for each pile.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative.
☐	**d.** Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and butt elevations and record any pile damage.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative.
☐	**e.** Steel piles.	Provide tests and inspections per STEEL section below.		
☐	**f.** Concrete piles and concrete filled piles.	Provide tests and inspections per CONCRETE section below.		
☐	**g.** For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.	*	*	* As defined on drawings or specifications.

	S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):	see T&I Note #8 for additional information		
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Note**
☑	**a.** Inspect drilling operations and maintain complete and accurate records for each pier.	**Continuous**	**PI**	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
☑	**b.** Verify pier locations, diameters, plumbness and lengths.Record concrete or grout volumes.	**Continuous**	**PI**	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
☑	**c.** Concrete piers.	Provide tests and inspections per CONCRETE section below.		

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: 04-123501
DSA File Number: PC-140
School Name: PCC FABRIC SHADE STRUCTURES
Increment Number:
School District: USA SHADE AND FABRIC STRUCTURES
Date Created: 2024-08-06 15:16:59

	S5. RETAINING WALLS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Placement, compaction and inspection of backfill.	**Continuous**	**GE***	**1705A.6.1.** * By geotechnical engineer or his or her qualified representative. (See section S2 above).
☐	**b.** Placement of soil reinforcement and/or drainage devices.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative.
☐	**c.** Segmental retaining walls; inspect placement of units, dowels, connectors, etc.	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative. See DSA IR 18-2.
☐	**d.** Concrete retaining walls.	Provide tests and inspections per CONCRETE section below.		
☐	**e.** Masonry retaining walls.	Provide tests and inspections per MASONRY section below.		

	S6. OTHER SOILS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Soil improvements	**Test**	**GE***	Submit a comprehensive report documenting final soil improvements constructed, construction observation and the results of the confirmation testing and analysis to CGS (California Geological Survey) for final acceptance. * By geotechnical engineer or his or her qualified representative.
☐	**b.** Inspection of Soil Improvements	**Continuous**	**GE***	* By geotechnical engineer or his or her qualified representative.
☐	**c.**			

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Table 1705A.3; ACI 318-19 Sections 26.12 & 26.13

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	C1. CAST-IN-PLACE CONCRETE			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify use of required design mix.	**Continuous**	**SI**	**Table 1705A.3 Item 5, 1910A.1.**
☑	**b.** Identify, sample, and test reinforcing steel.	**Test**	**LOR**	**1910A.2;** ACI 318-19 Ch.20 and Section 26.6.1.2; DSA IR 17-10. (See Appendix (end of this form) for exemptions.)
☑	**c.** During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	**Test**	**LOR**	**Table 1705A.3 Item 6**; ACI 318-19 Sections 26.5 & 26.12.
☑	**d.** Test concrete (f'c).	**Test**	**LOR**	**1905A.1.17;** ACI 318-19 Section 26.12.
☑	**e.** Batch plant inspection: **Not Required**	**See Notes**	**SI**	Default of '**Continuous**' per **1705A.3.3**. If approved by DSA, batch plant inspection may be reduced to '**Periodic**' subject to requirements in Section **1705A.3.3.1.**, or not required per **1705A.3.3.2.** See IR 17-13. (See Appendix (end of this form) for exemptions.)
☐	**f.** Welding of reinforcing steel.	Provide special inspection per STEEL, Category S/A4(d) & (e) and/or S/A5(g) & (h) below.		

	C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Sample and test prestressing tendons and anchorages.	**Test**	**LOR**	**1705A.3.4, 1910A.3**
☐	**b.** Inspect placement of prestressing tendons.	**Periodic**	**SI**	**1705A.3.4, Table 1705A.3 Items 1 & 9.**

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Table 1705A.3; ACI 318-19 Sections 26.12 & 26.13

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	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**c.** Verify in-situ concrete strength prior to stressing of post-tensioning tendons.	**Periodic**	**SI**	**Table 1705A.3 Item 13.** Special inspector to verify specified concrete strength test prior to stressing.
☐	**d.** Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	**Continuous**	**SI**	**1705A.3.4, Table 1705A.3 Item 9**; ACI 318-19 Section 26.13 Appendix (end of this form) for exemptions.)

	C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Inspect fabrication of precast concrete members.	**Continuous**	**SI**	ACI 318-19 Section 26.13, and PCI MNL-128 and -130.
☐	**b.** Inspect erection of precast concrete members.	**Periodic**	**SI***	**Table 1705A.3 Item 10.** * May be performed by PI when specifically approved by DSA.
☐	**c.** For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDE or HDE) in structures assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for: 1. Installation of the embedded parts 2. Completion of the continuity of reinforcement across joints. 3. Completion of connections in the field.	**Continuous**	**SI**	Table 1705A.3; ACI 318-19 Section 26.13.1.3; ACI 550.5
☐	**d.** Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	**Periodic**	**SI**	Table 1705A.3; ACI 318-19 Section 26.13.1.3; ACI 550.5

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Table 1705A.3; ACI 318-19 Sections 26.12 & 26.13

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	C4. SHOTCRETE (IN ADDITION TO SECTION C1):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Inspect shotcrete placement for proper application techniques.	**Continuous**	**SI**	**1705A.3.9, Table 1705A.3 Item 7, 1908A.1, 1908A.2, 1908A.3.** See ACI 506.2-13 Section 3.4, ACI 506R-16.
☐	**b.** Sample and test shotcrete (f'c).	**Test**	**LOR**	**1908A.2, 1705A.3.9**

	C5. POST-INSTALLED ANCHORS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Inspect installation of post-installed anchors	**See Notes**	**SI***	**1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8** (See Appendix (end of this form) for exemptions). ACI 318-19 Section 26.13. * May be performed by the project inspector when specifically approved by DSA.
☐	**b.** Test post-installed anchors.	**Test**	**LOR**	**1910A.5.** (See Appendix (end of this form) for exemptions.)

	C6. OTHER CONCRETE:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.**			

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1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

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	S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. •Material sizes, types and grades comply with requirements.	**Periodic**	*	**Table 1705A.2.1 Item 3a–3c**, 2202A.1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5, AISI S220-20 Sections A4 & A6. * By special inspector or qualified technician when performed off-site.
☑	**b.** Test unidentified materials	**Test**	**LOR**	**2202A.1.**
☑	**c.** Examine seam welds of HSS shapes	**Periodic**	**SI**	DSA IR 17-3.
☑	**d.** Verify and document steel fabrication per DSA-approved construction documents.	**Periodic**	**SI**	Not applicable to cold-formed steel light-frame construction, except for trusses (**1705A.2.4**).
☐	**e.** Buckling restrained braces.	**Test**	**LOR**	Testing and special inspections in accordance with IR 22-4.

	S/A2. HIGH-STRENGTH BOLTS:	see Testing Matrix table for additional information		
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents.	**Periodic**	**SI**	**Table 1705A.2.1 Items 1a & 1b, 2202A.1;** AISC 360-16 Section A3.3, J3.1, and N3.2; RCSC 2014 Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.
☑	**b.** Test high-strength bolts, nuts and washers.	**Test**	**LOR**	**Table 1705A.2.1 Item 1c, 2213A.1.** RCSC 2014 Section 7.2; DSA IR 17-8.
☑	**c.** Bearing-type ("snug tight") connections.	**Periodic**	**SI**	**Table 1705A.2.1 Item 2a, 1705A.2.6, 2204A.2**; AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Section 9.2 & 9.3; DSA IR 17-9
☑	**d.** Pretensioned and slip-critical connections.	*	**SI**	**Table 1705A.2.1 Items 2b & 2c, 1705A.2.6, 2204A.2;** AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Sections 9.2 & 9.3; DSA IR 17-9 **"Continuous" or "Periodic" depends on the tightening method used.

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1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

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	S/A3. WELDING:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	**Periodic**	**SI**	**1705A.2.5, Table 1705A.2.1 Items 4 & 5**; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3.
☑	b. Verify weld filler material manufacturer's certificate of compliance.	**Periodic**	**SI**	DSA IR 17-3.
☑	**c.** Verify WPS, welder qualifications and equipment.	**Periodic**	**SI**	DSA IR 17-3.

	S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	**Continuous**	**SI**	**Table 1705A.2.1 Items 5a.1–4;** AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
☑	b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds.	**Periodic**	**SI**	**1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6;** AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
☐	**c.** Inspect welding of stairs and railing systems.	**Periodic**	**SI**	**1705A.2.1**; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3.
☐	**d.** Verification of reinforcing steel weldability other than ASTM A706.	**Periodic**	**SI**	**1705A.3.1**; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
☐	**e.** Inspect welding of reinforcing steel.	**Continuous**	**SI**	**Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8;** AWS D1.4; DSA IR 17-3.

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1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

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	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
	S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	**Continuous**	**SI**	**Table 1705A.2.1 Items 5a.1–4;** AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.
☐	b. Inspect single-pass fillet welds ≤ 5/16".	**Periodic**	**SI**	**Table 1705A.2.1 Item 5a.5;** AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.
☐	**c.** Inspect end-welded studs (ASTM A-108) installation (including bend test).	**Periodic**	**SI**	**2213A.2**; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.
☐	**d.** Inspect floor and roof deck welds.	**Periodic**	**SI**	**1705A.2.2, Table 1705A.2.1 Item 5a.6;** AISC 360-16 (AISC 341-16 as applicable); AWS D1.3 DSA IR 17-3.
☐	**e.** Inspect welding of structural cold-formed steel.	**Periodic**	**SI***	**1705A.2.5; AWS D1.3; DSA IR 17-3.** The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
☐	**f.** Inspect welding of stairs and railing systems.	**Periodic**	**SI***	**1705A.2.1**; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.
☐	**g.** Verification of reinforcing steel weldability.	**Periodic**	**SI**	**1705A.3.1**; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
☐	**h.** Inspect welding of reinforcing steel.	**Continuous**	**SI**	**Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8;** AWS D1.4; DSA IR 17-3.

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1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

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	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
	S/A6. NONDESTRUCTIVE TESTING:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Ultrasonic	**Test**	**LOR**	**1705A.2.1, 1705A.2.5;** AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	**b.** Magnetic Particle	**Test**	**LOR**	**1705A.2.1, 1705A.2.5;** AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	**c.**	**Test**	**LOR**	

	S/A7. STEEL JOISTS AND TRUSSES:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joist.	**Continuous**	**SI**	**1705A.2.3, Table 1705A.2.3;** AWS D1.1; DSA IR 22-3 for steel joists only. **1705A.2.4;** AWS D1.3 for cold-formed steel trusses.

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1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

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	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
	S/A8. SPRAYED FIRE-RESISTANT MATERIALS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Examine structural steel surface conditions, inspect application, take samples, measure thickness and verify compliance of all aspects of application with DSA-approved documents.	**Periodic**	**SI**	**1705A.15, 1705A.15.1, 1705A.15.2, 1705A.15.3, 1705A.15.4, 1705A.15.5, 1705A.15.6.**
☐	**b.** Test density.	**Test**	**LOR**	**1705A.15.1, 1705A.15.5, ASTM E605**
☐	**c.** Bond strength adhesion/cohesion.	**Test**	**LOR**	**1705A.15.1, 1705A.15.6, ASTM E736**

	S/A9. ANCHOR BOLTS AND ANCHOR RODS:	see T&I Note #9 for additional information		
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☑	**a.** Anchor Bolts and Anchor Rods	**Test**	**LOR**	Identify, sample and test anchor bolts and anchor rods **not** meeting exemptions identified in Section 1 of IR 17-11.
☑	**b.** Threaded rod not used for foundation anchorage.	**Test**	**LOR**	Identify, sample and test threaded rods **not** meeting exemptions identified in Section 1 of IR 17-11.

	S/A10. STORAGE RACK SYSTEMS:			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.** Materials used, to verify compliance with one or more of the material test reports in accordance with the approved construction documents.	**Periodic**	**SI**	Table 1705A.13.7
☐	**b.** Fabricated storage rack elements.	**Periodic**	**SI**	1704A.2.5; Table 1705A.13.7

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1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

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	S/A11. Other Steel			
	Test or Special Inspection	**Type**	**Performed By**	**Code References and Notes**
☐	**a.**			

GENERAL DSA-103 NOTES:

1. THE SAMPLE DSA-103 FORM PROVIDED ON THIS SHEET IS FOR ILLUSTRATIVE PURPOSES ONLY TO ASSIST IN THE COMPLETION OF SPECIFIC DSA-103 FORMS FOR FUTURE PROJECTS.
2. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS P.C. DOCUMENT IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS SHEET

TESTING AND INSPECTION NOTES:

1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2. IF THE TOTAL AREA OF THE SHADE STRUCTURE(S) IS LESS THAN 2,000 SQ. FT. WITH NO FIELD WELDING OR HIGH-STRENGTH FASTENERS THEN THE SITE PROJECT INSPECTOR MAY BE A CLASS 3.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT.
4. COPIES OF THE VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
5. THE IN-PLANT INSPECTOR SHALL BE A WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
6. PER 2022 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
   - 6.1. A LICENSED WEIGHMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
   - 6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, IT'S LOAD, TIME OF RECEIPT AT THE JOBSITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCING AGENCY.
7. INCLUDE SECTION S2 - SOIL COMPACTION AND FILL WHEN OVER-EX AND RE-COMPACTING OCCURS.
8. S4 - CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): NOT REQUIRED IF SPREAD FOOTING OPTION IS CHOSEN.
9. S/A9 - ANCHOR BOLT AND ANCHOR ROD: NOT REQUIRED IF EMBEDDED BASE PLATE OPTION IS CHOSEN.

HIGH-STRENGTH BOLTS (S/A2) SPECIAL INSPECTIONS TESTING MATRIX FOR SPECIFIC MODELS

✓	MODEL	SHEET	HIGH STRENGTH BOLTS	PRETENSIONED / SLIP-CRITICAL CONNECTIONS
	DSA2022030-22	11,1-1000	YES	-
	DSA3022060-22	12,1-1000	YES	-
X	DSA1031414-22	13,1-1000	YES	YES
	DSA1032020-22	14,1-1

GENERAL NOTES

1.- SPECIAL INSPECTION REQUIREMENTS SHALL FOLLOW THE ATTACHED SAMPLE TEST AND INSPECTION LIST (T & I LIST) APPROVED BY DSA. THE SHOP WELDING INSPECTION SHALL INCLUDE WELDING OF ALL STEEL MEMBERS AND IDENTIFICATION OF STEEL THROUGH MILL CERTIFICATE OR MATERIAL TESTING, UNCERTIFIED STEEL SHALL BE TESTED TO THE REQUIREMENTS OF CBC 2022 CHAPTER 17A. THE FIELD SPECIAL INSPECTION SHALL INCLUDE COMPRESSION CYLINDER TESTS FOR THE CONCRETE FOUNDATION.

2.- STRUCTURE SHALL BE IN THE LOCATION SHOWN ON THE SITE SPECIFIC DSA APPLICATION DRAWING.

3.- FOUNDATION DESIGN BASED ON CBC 2022, TABLE 1806A.2, SOIL CLASS 5 (ALLOWABLE FOUNDATION PRESSURE 1500 PSF)

4.- DESIGN PER FOLLOWING CODES: CBC 2022 (CHAPTER 35), ASCE 7-16, AISC 360-16, AISC 341-16, ACI 318-19, ASCE 55-16 & ASCE 19-16

STRUCTURAL STEEL

1.- FABRICATION OF THE STEEL STRUCTURES SHALL BE PERFORMED BY SHADE STRUCTURES OR AN AUTHORIZED LICENSEE. MATERIAL TESTING (OR MILL CERTIFICATES) AND INSPECTION OF WELDING SHALL BE CONDUCTED PER CBC 2022 SECTIONS 1704A, 1705A, 1705A.2, AND TABLE 1705A.2.1.

2.- ONLY CALIFORNIA LICENSED CONTRACTORS AUTHORIZED BY SHADE STRUCTURES SHALL INSTALL THE SHADE STRUCTURES.

3.- ALL WORK SHALL CONFORM TO CBC 2022 EDITION, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

4.- ALL GALVANIZED STEEL TUBE PRODUCTS MANUFACTURED BY ALLIED TUBE & CONDUIT FOR THIS STRUCTURE SHALL BE, AND CONFORM TO ASTM A500 GRADE C, IN ITS' ENTIRETY.
TYPICAL MECHANICAL PROPERTIES ARE:
ROUND TUBE GRADE C 50,000 PSI YIELD STRESS MINIMUM / 62,000 PSI TENSILE STRESS MINIMUM

5.- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS ASTM A500 GRADE C, UNLESS OTHERWISE NOTED. TYPICAL MECHANICAL PROPERTIES ACHIEVED FOR HSS PRODUCTS:
SQUARE AND RECTANGULAR 50,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESS
ROUND PIPE 50,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESS

6.- ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.

7.- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.

8.- ALL WELDING TO CONFORM WITH AMERICAN WELDING SOCIETY STANDARDS AND SHALL BE INSPECTED BY AN AWS/CWI INSPECTOR. AWS D1.1 FOR HOT ROLLED. AWS D1.3 FOR SHEET/COLD FORMED. AWS D1.8 SEISMIC SUPPLEMENT.

9.- ALL FULL PENETRATION WELD SHALL BE CONTINUOUSLY INSPECTED PER AWS D1.1 & D1.8.

10.- SHOP CONNECTIONS SHALL BE WELDED UNLESS NOTED OTHERWISE. ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" ER70SX ELECTRODES UNLESS OTHERWISE NOTED. GMAW IS ACCEPTABLE.

11.- ALL STAINLESS STEEL BOLTS SHALL COMPLY WITH ASTM F-593, YIELD STRENGTH= 65 KSI, TENSILE STRENGTH=100 KSI MINIMUM, ALLOY GROUP 2, CONDITION CW1. ALL NUTS SHALL COMPLY WITH ASTM F-594 ALLOY GROUP 2, CONDITION CW1. REFERRING TO RCSC, ASTM F-593 IS NOT CONSIDERED AS HIGH STRENGTH BOLTS. BOLTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION (ST).

12.- ALL STRUCTURAL STEEL (ITEMS FROM NOTE 5) SHALL BE POWDER COATED WITH ONE SHOP COAT (2.5 MILS MIN.) OF ZINC-RICH PRIMER, UNDERCOAT, AND FINISH COAT, OR EQUIVALENT PAINT SYSTEM. THIS COAT IS A WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, ASKO NOBEL, PPG OR TIGER DRYLAC). TO ACHIEVE OPTIMUM ADHESION, IT IS RECOMMENDED THAT THE PROPER TREATMENT AND DRYING TAKE PLACE BEFORE COATING. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:
- PENCIL HARDNESS (ASTM D-3363). - HUMIDITY (ASTM D-2247).
- SOLVENT RESISTANCE (PCI METHOD) - 50 DBL RUBS SL. SOFTNESS.

13.- ALL STEEL ROUND TUBING (ITEMS FROM NOTE 4) SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT.

14.- ALL EXPOSED STEEL FASTENERS SHALL BE STAINLESS STEEL (TYPE 304 MINIMUM), HOT DIP GALVANIZED (ASTM A153, CLASS D MINIMUM OR ASTM F2329) AS APPLICABLE, OR PROTECTED WITH CORROSION PREVENTIVE COATING THAT DEMONSTRATED NO MORE THAN 2% OF RED RUST IN MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117. ZINC-PLATED FASTENERS DO NOT COMPLY WITH THIS REQUIREMENT.

CONCRETE SPECIFICATION

1.- CONCRETE SHALL BE SAMPLED AND TESTED PER CBC 2022 SECTION 1903A & SHALL BE INSPECTED PER SECTION 1903A.

2.- CONCRETE TO BE [illegible] PSI, TYPE V CEMENT PLUS POZZOLAN OR SLAG CEMENT, MAXIMUM [illegible] CHLORIDE WILL BE USED.) REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 AND TO BE f_y = 60000 PSI , MIN. GR. 60.

3.- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 36 (GALVANIZED PER ASTM A153, CLASS D MINIMUM OR ASTM F2329).
ANCHOR BOLT'S DIAMETER NEEDS TO BE AS FOLLOW:
A) ANCHOR BOLT Ø1 1/4"

4.- CERTIFIED MILL TEST REPORTS ARE TO BE PROVIDED FOR EACH SHIPMENT OF REINFORCEMENT.

5.- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.

6.- CONCRETE EXPOSED TO FREEZING-AND-THAWING CYCLES SHALL BE AIR ENTRAINED PER ACI 318 SECTION 19.3.3.

FABRIC SPECIFICATION

1.- FABRIC SHALL BE MANUFACTURED BY MULTIKNIT LTD., WHICH MEETS THE SPECIFICATIONS LISTED ON PAGE 2000, AND SHALL BE FABRICATED FROM POLYETHYLENE MATERIALS. MINIMUM SEAM LENGTH 3/4".

2.- THE FABRIC SHALL RETAIN 80% OF ITS TENSILE AND TEARING STRENGTH AFTER ULTRAVIOLET EXPOSURE PER ASTM G53 USING A 313 NM LIGHT SOURCE FOR 500 HOURS WHILE MOISTENED FOR 1 HOUR EVERY 12 HOURS.

3.- PROVIDE CERTIFICATION BY MANUFACTURER AND STATE FIRE MARSHAL TO SCHOOL'S DISTRICT INSPECTOR OF RECORD AT SITE SPECIFIC INSTALLATION. COPY OF FIRE CERTIFICATION SHALL BE SENT TO DSA.

4.- FABRIC SHALL REQUIRE ANNUAL INSPECTION AND MAINTENANCE BY THE DISTRICT. FIRE TEST ON FABRIC: NFPA 701 TEST 2 AND ASTM E 84 EXTENDED 30 MINUTES TEST. FLAME SPREAD INDEX (FSI): 10. SMOKE DEVELOPED INDEX (SDI): 50. FABRIC IS ACCEPTABLE FOR USE IN WILDLIFE URBAN INTERFACE AREA.

5.- FABRIC TOP NEEDS TO BE REMOVED IF SNOW EXCEEDING 5 PSF ARE ANTICIPATED, FABRIC TOP NEEDS TO BE REMOVED IF WINDS EXCEEDING 115 MPH ARE ANTICIPATED.

6.- A VISUAL INSPECTION LOOKING FOR TEAR AND ABNORMAL WEAR IN FABRIC MATERIAL AND THREAD IS REQUIRED PRIOR TO RE-INSTALLATION. USA SHADE & FABRIC STRUCTURES SHALL BE NOTIFIED IF SIGNIFICANT DAMAGE IS PRESENT BEFORE RE-INSTALLATION.

AIRCRAFT CABLE

1.- FOR FABRIC ATTACHMENT USE 3/8" 7x19 GALV. CABLE PER ASTM A1023/A1023M, WITH A BREAKING STRENGTH VALUE OF 14,400 LBS. CABLE SHALL BE TENSIONED TO 300 LBS MINIMUM AND 500 LBS MAXIMUM. THE MAXIMUM CALCULATED CABLE ALLOWABLE CAPACITY IS Sa=4909 LB.

2.- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) REACH A TAUT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTING VISITS AS REQUIRED.

MAXIMUM OCCUPANT LOAD (PER CBC 2022 TABLE 1604A.5)
-K-12: 250 PERSONS
-PUBLIC ASSEMBLY: 300 PERSONS
-EDUCATIONAL OCCUPANCIES
ABOVE 12TH GRADE: 500 PERSONS

CBC PC DESIGN NOTES

BUILDING CODE	CBC 2022 (BASED ON IBC 2021)
FLOOR LIVE LOAD	N/A
ROOF LIVE LOAD	RLL 5 PSF

ALLOWABLE SOIL PRESSURE:

DL + LL (CONC FTG)	1500 PSF
DL + LL + SEISMIC (CONC FTG)	1500 PSF
LATERAL BEARING DESIGN VALUE	100 PSF/FT BELOW NATURAL GRADE, PER TABLE 1806A.2

TWO TIMES THE TABULAR VALUE IS USED (200 PSF/FT)
PER CBC SECTION 1806A.3.4.
ALLOWABLE PIER FRICTIONAL RESISTANCE 250 PSF MAXIMUM
BASED ON SECTION 1810A.3.3.1.4 (ONE-SIXTH OF THE BEARING VALUE).
UPLIFT FRICTIONAL RESISTANCE HAVE A SAFETY FACTOR OF 3.

ROOF SNOW LOAD	5 PSF
ICE LOAD	ZERO PSF
FLOOD HAZARD AREA	ZONE X

WHEN A SITE SPECIFIC PROJECT IS LOCATED IN A FLOOD ZONE OTHER THAN ZONE X, A LETTER STAMPED AND SIGNED FROM A SOILS ENGINEER IS NEEDED TO VALIDATE THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC ARE STILL APPLICABLE.

WIND DESIGN DIRECTIONAL PROCEDURE: ASCE 7-16, SECTION 27.3.2
NOTE: WIND DESIGN IS LIMITED TO UNOBSTRUCTED CLEAR FLOW CONDITION

-BASIC DESIGN WIND SPEED (3 SEC GUST)	V	115 MPH
-ASD WIND LOAD (CBC 2022 SEC. 1603A.1.4)	V_{ASD}	90 MPH
-WIND EXPOSURE FACTOR	C	
-TOPOGRAPHIC FACTOR	Kzt	1
-RISK CATEGORY	II	
-VELOCITY PRESSURE EXPOSURE COEFFICIENT	Kz	0.85
-VELOCITY PRESSURE	qz	24.46 PSF

SEISMIC DESIGN:

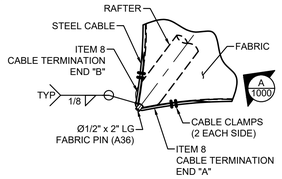
-SITE CLASS	D	
NOTE: UNLESS A SITE-SPECIFIC GROUND MOTION HAZARD ANALYSIS IS PERFORMED, THE SM1 VALUE INCREASED BY 50% SHALL BE LESS THAN THE DESIGN CRITERIA STATED HEREIN.		
	SS	3.00g
	S1	1.389g
-SPECTRAL RESPONSE COEFFICIENTS	SDS	2.00
	SD1	1.39
-LATERAL FORCE RESISTING SYSTEM G.2 ORDINARY CANTILEVERED COLUMN SYSTEM.		
-SEISMIC IMPORTANCE FACTOR	Ie	1.0
-DESIGN BASE SHEAR AT BASE	V	1608 LB
-SEISMIC RESPONSE COEFFICIENTS	Cs	1.6
-RESPONSE MODIFICATION FACTOR	R	1.25
-ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE	
-RISK CATEGORY	II	
-SEISMIC DESIGN CATEGORY		E
-SITE COEFFICIENT CATEGORY	Fa	1.2
	Fv	1.5
-REDUNDANCY FACTOR	ρ	1.3

GEOHAZARD REPORT IS NOT REQUIRED FOR OPEN FABRIC STRUCTURES 1,600 SQF OR LESS COMPLYING WITH THE REQUIREMENTS OF IR A-4 SECTION 3.1.1. OPEN FABRIC SHADE STRUCTURES GREATER THAN 1,600 SQUARE FEET UP TO A MAXIMUM OF 4,000 SQUARE FEET AND COMPLYING WITH THE REQUIREMENTS NOTED IN IR A-4 SECTION 3.1.1 DO NOT REQUIRE A GEOHAZARD REPORT PROVIDED A GEOTECHNICAL REPORT INDICATES THAT NO LIQUEFACTION POTENTIAL EXISTS.

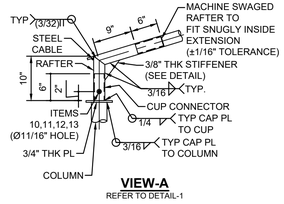
ARCHITECT OF RECORD TO DETERMINE IF SPECIFIC SITE IS IN GEOLOGIC HAZARD ZONE. GEOHAZARD REPORT REQUIREMENTS PER DSA IR A-4.

PC OPTIONS SHALL NOT INCLUDE LIQUEFIABLE SOIL (EXCEPTION: OPEN FABRIC SHADE STRUCTURES 1,600 SQUARE FEET OR LESS COMPLYING WITH REQUIREMENTS OF IR A-4 SECTION 3.1.1). IF STRUCTURE IS LOCATED IN AN AREA WITH LIQUEFIABLE SOIL OR SITE CLASS F, OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND REGULAR PROJECT SUBMITTAL IS REQUIRED. IF SITE IS NOT IN A MAPPED LIQUEFACTION HAZARD ZONE, IT MAY BE PRESUMED THAT NO LIQUEFACTION HAZARD EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEOTECHNICAL REPORT IDENTIFIES SUCH HAZARD.

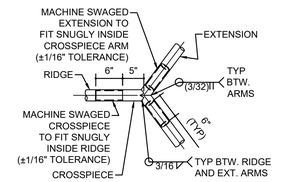
MINIMUM FOUNDATION SETBACK LIMIT IN ADJACENT SLOPE: THE DEPTH OF REQUIRED PIER EMBEDMENT SHALL START FROM AN ELEVATION THAT CORRESPONDS WITH A HORIZONTAL CLEAR DISTANCE OF 14 FEET THAT INTERSECT WITH THE SLOPE (DAYLIGHTING). IF SETBACK LIMITS ARE SMALLER THAN CBC REQUIRES, A SITE-SPECIFIC SOILS REPORT IS REQUIRED.



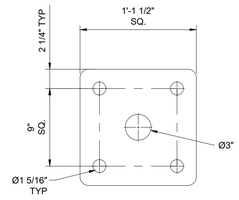
DETAIL 1
REFER TO TOP VIEW



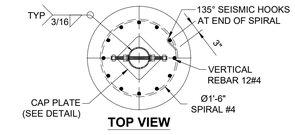
VIEW-A
REFER TO DETAIL-1



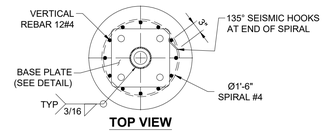
DETAIL-2
REFER TO TOP VIEW



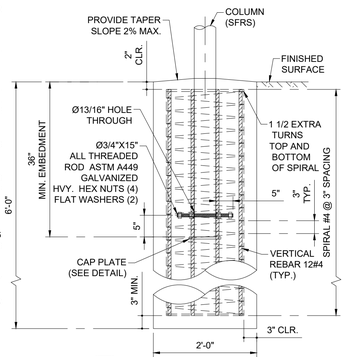
BASE PLATE
(1 1/4" THK)
(TYP. FOR RBP COLUMNS)



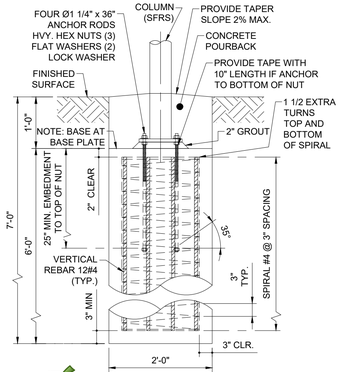
TOP VIEW



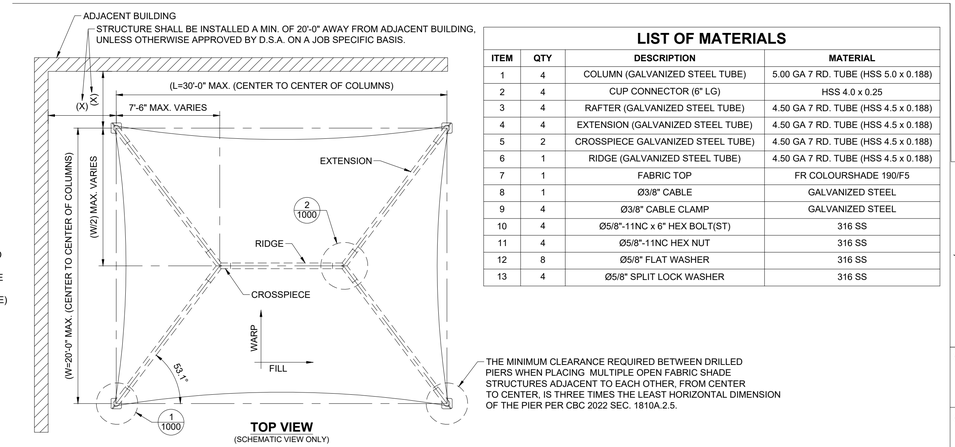
TOP VIEW



DRILLED PIER FOOTING-PIH
(EMBEDDED, PIH)
(USE FOR NON-CONSTRAINED CASES)



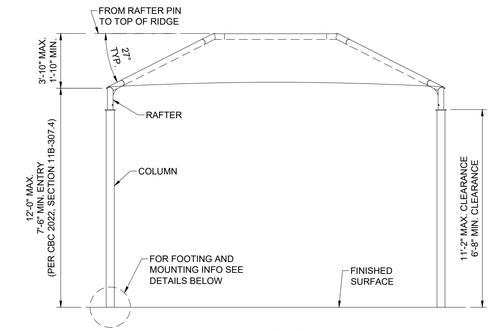
DRILLED PIER FOOTING-RBP
(RECESSED BASE PLATE, RBP)
(USE FOR NON-CONSTRAINED CASES)
(OPTIONAL)



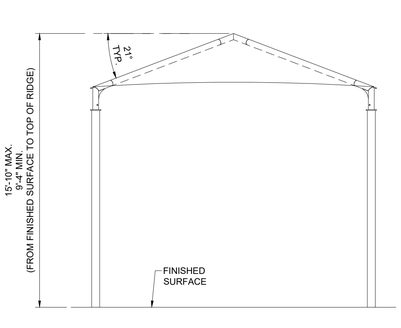
TOP VIEW
(SCHEMATIC VIEW ONLY)

LIST OF MATERIALS

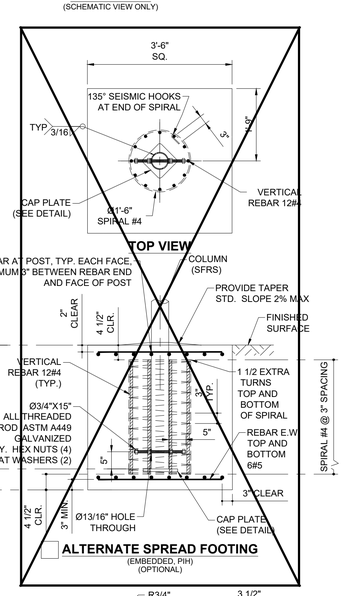
ITEM	QTY	DESCRIPTION	MATERIAL
1	4	COLUMN (GALVANIZED STEEL TUBE)	5.00 GA 7 RD. TUBE (HSS 5.0 x 0.188)
2	4	CUP CONNECTOR (6" LG)	HSS 4.0 x 0.25
3	4	RAFTER (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
4	4	EXTENSION (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
5	2	CROSSPIECE GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
6	1	RIDGE (GALVANIZED STEEL TUBE)	4.50 GA 7 RD. TUBE (HSS 4.5 x 0.188)
7	1	FABRIC TOP	FR COLOURSHADE 190/F5
8	1	Ø3/8" CABLE	GALVANIZED STEEL
9	4	Ø3/8" CABLE CLAMP	GALVANIZED STEEL
10	4	Ø5/8"-11NC x 6" HEX BOLT(ST)	316 SS
11	4	Ø5/8"-11NC HEX NUT	316 SS
12	8	Ø5/8" FLAT WASHER	316 SS
13	4	Ø5/8" SPLIT LOCK WASHER	316 SS



FRONT VIEW
(SCHEMATIC VIEW ONLY)

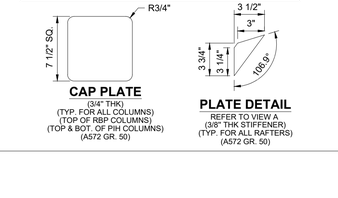


SIDE VIEW
(SCHEMATIC VIEW ONLY)



ALTERNATE SPREAD FOOTING
(EMBEDDED, PIH)
(OPTIONAL)

ALTERNATE SPREAD FOOTING
(RECESSED BASE PLATE, RBP)
(OPTIONAL)



CAP PLATE
(3/4" THK)
(TYP. FOR ALL COLUMNS)
(TOP OF RBP COLUMNS)
(TOP & BOT. OF PIH COLUMNS)
(A572 GR. 50)

PLATE DETAIL
REFER TO VIEW A
(3/8" THK STIFFENER)
(TYP. FOR ALL RAFTERS)
(A572 GR. 50)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

USASHADE & Fabric Structures
CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Chabot-Las Positas Community College District

PROJECT NAME:
Chabot College
Early Childhood Lab

LOCATION:
2555 Hesperian Blvd.
Hayward, CA 94545

MODEL NUMBER:
DSA401203012-22

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-123501 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 12/11/2024

STRUCTURE TYPE:
H I P
DSA

SIZE: MAXIMUM
20' x 30' x 12'e MAX.

SCALE : NONE

DRAWING SIZE:
D

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

Eng. By :	HH	12/01/22
Design By :	OS	12/01/22
Approved By :	MB	12/01/22

DRAWING DESCRIPTION:
PRODUCT INFORMATION

DWG.
DSA401203012-22

SHEET
5.1-1000

REV.
NC

LICENSED ARCHITECT
DAVID HIGGINSON
C19168
10-31-25
RENEWAL DATE
STATE OF CALIFORNIA
8/19/24

REGISTERED PROFESSIONAL ENGINEER
MARK BERGMAN
No. 3693
STRUCTURAL
STATE OF CALIFORNIA
6/28/2024

Aircraft Cable

Preformed, made in accordance with commercial specifications military and federal specification rope available.

Carbon Steel (Aircraft Cable) - Galvanized cable has the highest strength and greatest fatigue life of the materials offered. It has good to fair corrosion resistance in rural to industrial atmosphere environments. This material is most widely used for small diameter cables. Tin over galvanized cable offers greater corrosion resistance and reduced friction over pulleys.



7 x 19

7 x 19		Galvanized Min. Breaking Strengths (lbs)
Dia. (In)	Approx. Wt 1000 Ft/lbs	
3/32	17.	1,000
1/8	29.	2,000
5/32	45.	2,800
3/16	65.	4,200
7/32	86.	5,600
1/4	110.	7,000
9/32	139.	8,000
5/16	173.	9,800
3/8	243.	14,400

Multiknit INTERNATIONAL

190/F5 Fire rated specifications

Standard range

Revision 0 28-Oct-12

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85		185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84
				110 LB		159 LB		3258 PSF	

CONVERSION TO IMPERIAL UNITS:
185 GSM = .0378 psf
50 KGS = 110 Lb
72 KGS = 159 Lb
156 Kpa = 3258 psf

Notes:
- 190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics
- Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min
- This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory. the information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.
Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

PP
Deon Joubert
General Manager - Multiknit (Pty) Ltd

Tommy Rogers
Managing Director - Multiknit (Pty) Ltd

CAL FIRE SINCE 1885

FLAME RETARDANT

Fabric Registration

LICENSE NUMBER: F-052001

COLOURSHADE 190/F5

Product Marketed by:

MULTIKNIT (PTY) LTD
BOX 798 WHITE RIVER 1240
MPUMALANGA SOUTH AFRICA, ,

Issue Date : 05/08/2023
Expiration Date : 06/30/2024

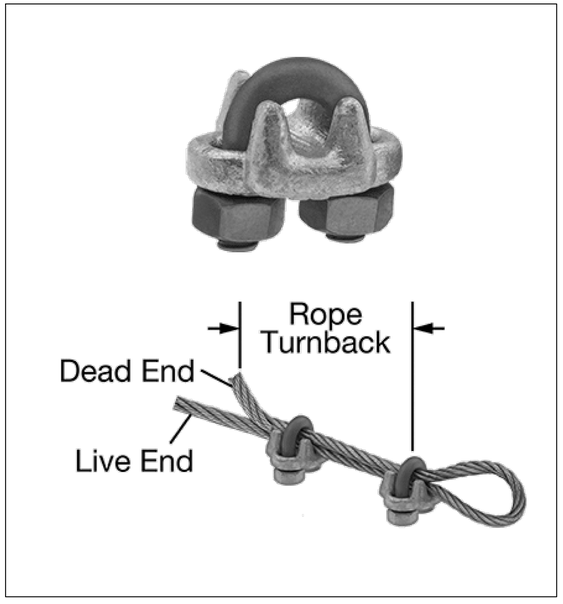
This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

CWalker
Issued By Cortney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Reviewed and Approved By Patricia Setter
Deputy State Fire Marshal III
Fire Engineering & Investigations Division

OFFICE OF THE STATE FIRE MARSHAL

Please visit calfire.govmotus.org for more information on Licensing and Permitting with CAL FIRE



FORGED WIRE ROPE CLAMP

FITTING TYPE ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER 3/8"
NUMBER OF CLAMPS REQUIRED: 2
ROPE TURNBACK: 6 1/2"
FOR WIRE ROPE CONSTRUCTION 7 × 19
ATTACHMENT TYPE: LOOP
CLAMP:WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"
REQUIRED INSTALLATION TOOL TORQUE WRENCH
REQUIRED TORQUE 45 FT.-LBS.
CAPACITY 80% OF THE ROPE'S CAPACITY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450

LICENSED ARCHITECT DAVID HIGGINSON C19168 10-31-25 RENEWAL DATE STATE OF CALIFORNIA
8/19/24

REGISTERED PROFESSIONAL ENGINEER MARK BERGER No. 3693 STRUCTURAL STATE OF CALIFORNIA
6/28/2024

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CUSTOMER:
Chabot-Las Positas Community College District

PROJECT NAME:
Chabot College
Early Childhood Lab

LOCATION:
2555 Hesperian Blvd.
Hayward, CA 94545

MODEL NUMBER:
DSA401203012-22

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-123501 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 12/11/2024

STRUCTURE TYPE:
H I P
DSA

SIZE: MAXIMUM
20' x 30' x 12'e MAX.

SCALE : NONE

DRAWING SIZE: **D**

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

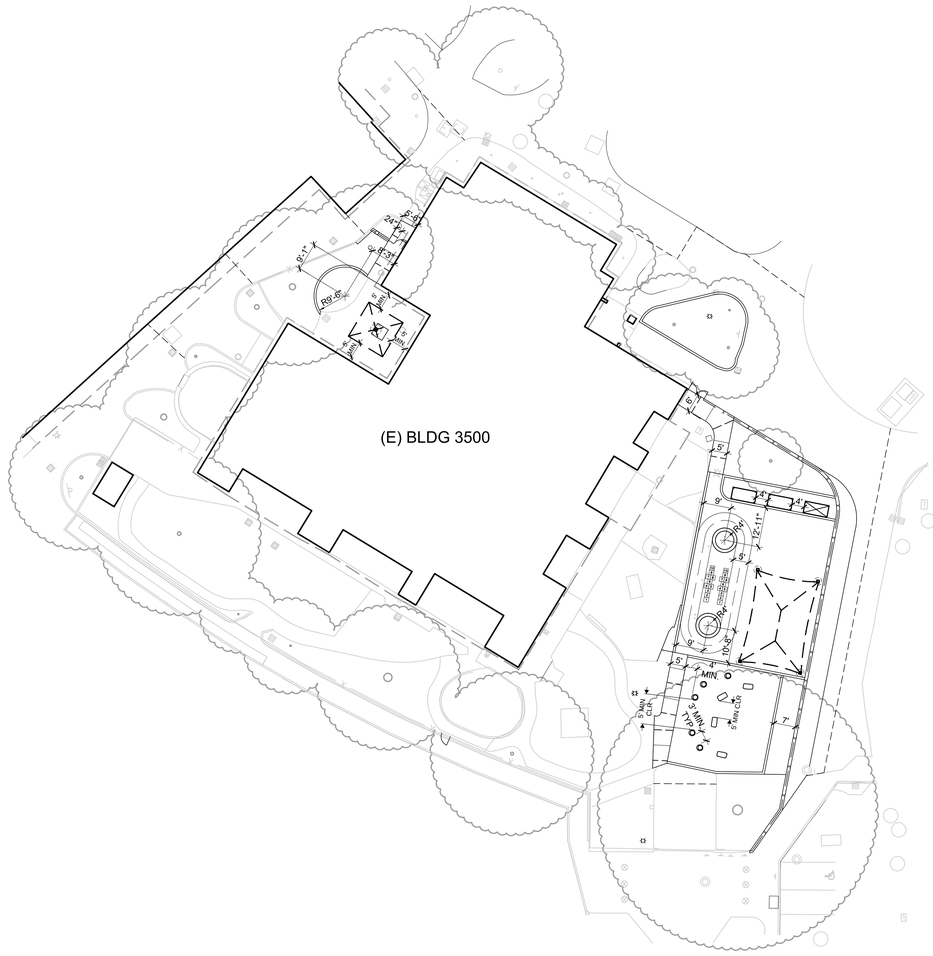
Eng. By :	HH	12/01/22
Design By :	OS	12/01/22
Approved By :	MB	12/01/22

DRAWING DESCRIPTION:
SPECIFICATIONS

DWG. **DSA401203012-22**

SHEET **5.2-2000**

REV. **NC**



LAYOUT NOTES

1. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
2. DRAWINGS SHALL NOT BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CONTRACTOR FINDS A DISCREPANCY WITH WRITTEN DIMENSIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF AND LOCATIONS OF EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK. CONTACT THE OWNER'S REPRESENTATIVE AND UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO INITIATING CONSTRUCTION FOR ASSISTANCE.
4. COORDINATE CONSTRUCTION ELEMENTS PRIOR TO INSTALLATION. VERIFY WALLS, CURBS, FENCES, ETC. AND CRITICAL DIMENSIONS, REFERENCE AND COORDINATE POINT LOCATIONS, AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCIES ARISE.
5. CONTRACTOR SHALL LAYOUT PROJECT ELEMENTS IN FIELD AS SHOWN ON THESE PLANS AND HAVE THEM APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
6. MINOR ADJUSTMENTS MADE TO ACCOMMODATE EXISTING SITE CONDITIONS SHALL MAINTAIN THE OVERALL DESIGN LAYOUT. ADJUSTMENTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
7. NEW PAVED SURFACES SHALL CONFORM TO EXISTING PAVED SURFACES, FLUSH AND SMOOTH. CONTRACTOR SHALL CONSTRUCT SMOOTH TRANSITIONS OF PAVING AND WALKS WHILE MAINTAINING POSITIVE DRAINAGE.
8. COORDINATE SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS AND THE REQUIREMENTS OF NFPA 24, SECTION 10.4.2.2.3, "MINIMUM DEPTH OF COVER" (36 INCHES) FOR PIPE BENEATH FIRE LANE ACCESS ROUTES.
9. CONDITIONS NOT SPECIFICALLY NOTED OR DETAILED ON THESE PLANS SHALL BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO IMPLEMENTATION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
11. ANGLES FOR LAYOUT TO BE 90 DEGREES UNLESS OTHERWISE NOTED.

LAYOUT LEGEND

SYMBOL	DESCRIPTION OF SYMBOL
ALN	ALIGN
BCR	BEGINNING OF CURVE RETURN
BOC	BACK OF CURB
BS	BOTTOM OF STAIRS / STEPS
BOW	BACK OF WALL
℄	CENTERLINE
CLR	CLEAR
DIA	DIAMETER
ECR	END OF CURVE RETURN
℈	END OF RADIUS
EJ	EXPANSION JOINT, TYPICAL
EQ	EQUAL
EW	EACH WAY
FOB	FACE OF BUILDING
FOC	FACE OF CURB
FOW	FACE OF WALL
MAX	MAXIMUM
MIN	MINIMUM
OC	ON CENTER
PA	PLANTING AREA
POB	POINT OF BEGINNING
PT	POINT OF TANGENCY
R	RADIUS
SL	SCORE JOINT, TYPICAL
TS	TOP OF STAIRS / STEPS
TYP	TYPICAL

NORTH

SCALE: 1" = 20'-0"

0' 10' 20' 40'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT

PROJECT NAME: CHABOT COLLEGE EARLY CHILDHOOD LAB CENTER

ADDRESS: 2555 Hesperian Blvd., Hayward, CA 94545

LICENSED LANDSCAPE ARCHITECT
ELIKA Plato No. 4927
Signature
03.31.2027
Renewal Date
03.13.2026
Date
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

ANLA PROJECT NO: 2505

DATE ISSUED: 2026.03.13

SCALE: AS NOTED

L1.1

LAYOUT PLAN

ANLA ASSOCIATES, INC.
1723 Hamilton Ave, Suite 101
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www.anla-associates.com

7901 STONERIDGE DR, SUITE #100, PLEASANTON, CA 94588
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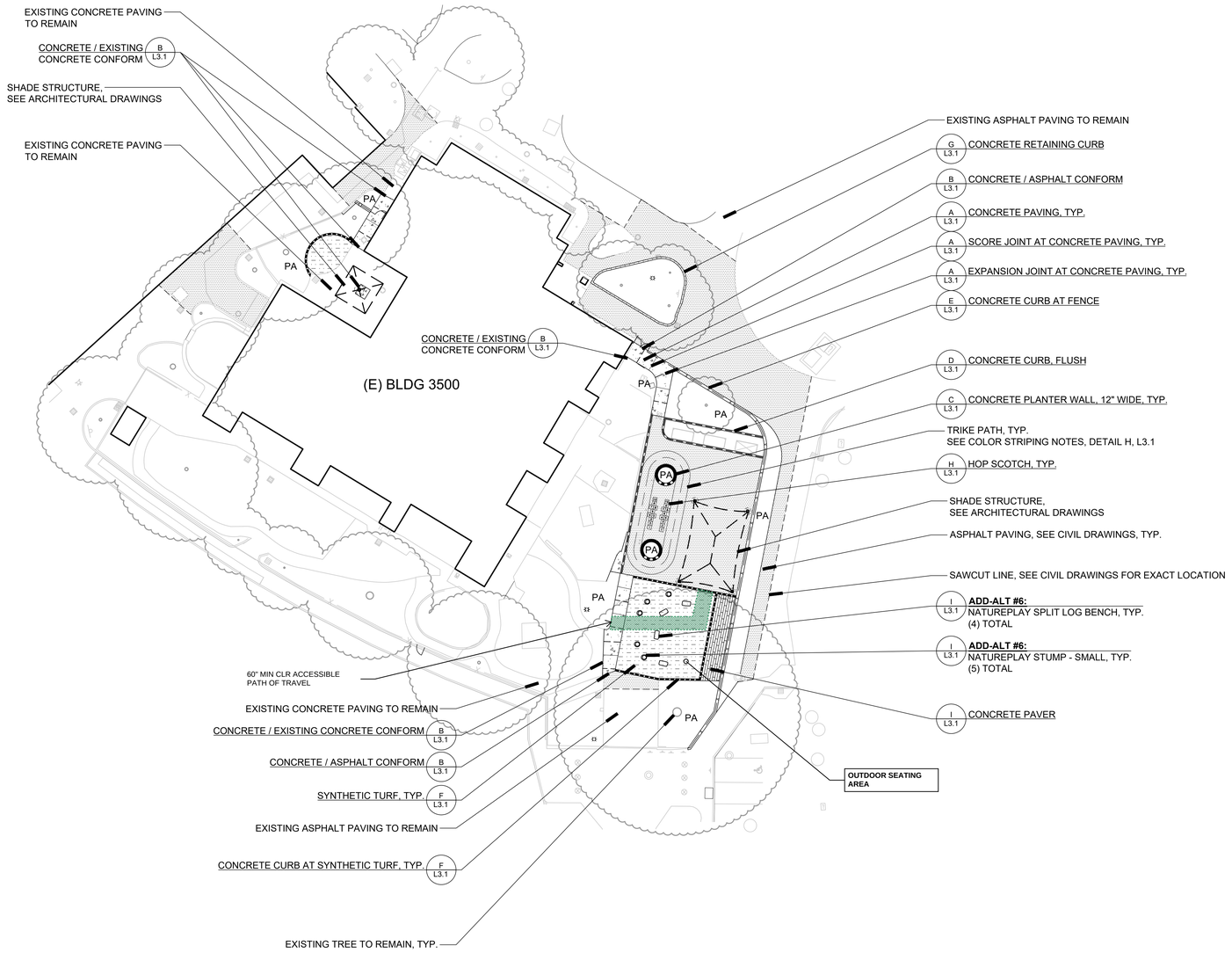

MATERIAL NOTES

1. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT OWNER'S REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.
3. SCORE AND EXPANSION JOINTS SHALL BE LOCATED AS INDICATED ON THIS PLAN. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS WHEN NECESSARY TO ALIGN SCORE AND EXPANSION JOINTS WITH RELATIVE ELEMENTS AS SHOWN ON THE PLAN.
4. DETAIL CALLOUTS ON PLAN ARE PROVIDED FOR CONVENIENCE AND GENERAL REFERENCE ONLY. CONTRACTOR SHALL PROVIDE QUANTITY OF PRODUCTS, ELEMENTS AND MATERIALS AS SYMBOLIZED ON PLANS, ASSOCIATED DETAILS, AND SPECIFICATIONS.
5. FOR EACH CONCRETE COLOR AND FINISH SPECIFIED, CONTRACTOR SHALL POUR A 2'x2' SAMPLE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLING CONCRETE PAVING.
6. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. IF WORK WITHIN THIS SCOPE REQUIRES REMOVAL, RELOCATION, OR DEMOLITION OF EXISTING TO REMAIN IMPROVEMENTS, BOTH SURFACE AND KNOWN SUBSURFACE CONDITIONS, CONTRACTOR SHALL INCLUDE IN THE BID SUFFICIENT LABOR AND MATERIALS TO RESTORE EXISTING TO REMAIN IMPROVEMENTS IN KIND AND AS ACCEPTABLE TO OWNER'S REPRESENTATIVE.
7. CONTRACTOR SHALL COORDINATE ROUGH GRADING AND FINE GRADING TO ENSURE EXISTING SUITABLE TOPSOIL IS REMOVED, STOCKPILED AND REINSTALLED INTO ALL PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATION SECTION 32 90 00. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION SECTION 32 90 00.
8. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, SURFACE AND SUBSURFACE SITE FEATURES TO REMAIN, INCLUDING BUT NOT LIMITED TO STRUCTURES, FENCES, WALLS, PAVING SURFACES, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
9. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR ROOFTOP GARDEN LINER, BUILDING WATERPROOFING, DRAINAGE FROM ROOF, WEIGHT LOAD BEARING ISSUES, MAINTENANCE, SAFETY, AND MEANS AND/OR METHODS OF INSTALLATION.
10. CONTRACTOR SHALL ADJUST EXISTING UTILITY BOXES TO BE FLUSH WITH PROPOSED GRADES.
11. REFER TO THE FOLLOWING SPECIFICATION SECTIONS:

01 56 39	TEMPORARY TREE AND PLANT PROTECTION
12 93 00	SITE FURNISHINGS
32 13 13.1	CONCRETE WORK (LANDSCAPE)
32 14 00	UNIT PAVERS
32 18 13	SYNTHETIC GRASS SURFACING

12. REFER TO CONSTRUCTION DETAILS ON SHEET L3.1.

MATERIALS LEGEND

SYMBOL	DESCRIPTION	DETAIL
	CONCRETE PAVING, PEDESTRIAN FINISH TO BE MEDIUM BROOM; COLOR TO BE NATURAL	A, L3.1
	EXPANSION JOINT IN CONCRETE PAVING	A, L3.1
	SCORE JOINT IN CONCRETE PAVING	A, L3.1
	ASPHALT PAVING, SEE CIVIL DRAWINGS, TYP.	---
	SAWCUT LINE AT ASPHALT PAVING, SEE CIVIL DRAWINGS, TYP.	---
	CONCRETE PLANTER WALL, 12" WIDE	C, L3.1
	CONCRETE CURB, FLUSH	D, L3.1
	CONCRETE CURB AT FENCE	E, L3.1
	SYNTHETIC TURF	F, L3.1
	CONCRETE CURB AT SYNTHETIC TURF	F, L3.1
	CONCRETE RETAINING CURB	G, L3.1
	CONCRETE PAVER	I, L3.1
	ADD-ALT #6: NATUREPLAY SPLIT LOG BENCH, TYP. (4) TOTAL	J, L3.1
	ADD-ALT #6: NATUREPLAY STUMP - SMALL, TYP. (5) TOTAL	K, L3.1
	CHAIN LINK FENCE, SEE ARCHITECTURAL DRAWINGS, TYP.	---
PA	PLANTER AREA, SEE IRRIGATION AND PLANTING PLANS	---

NORTH

SCALE: 1" = 20'-0"

0' 10' 20' 40'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT

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ADDRESS: 2555 Hesperian Blvd., Hayward, CA 94545

LICENSED LANDSCAPE ARCHITECT
GINA A. Plato No. 4577
Signature
03.31.2027
Renewal Date
03.13.2026
Date
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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ANLA PROJECT NO: 2505

DATE ISSUED: 2026.03.13

SCALE: AS NOTED

L2.1

MATERIALS PLAN

ANLA ASSOCIATES, INC.
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BCI BURKE 'NATUREPLAY STUMP - SMALL'
18"H x 24"Ø
AVAILABLE AT:
SPECIFIED PLAY EQUIPMENT CO
800-475-1071
SPECIFIEDPLAYEQUIPMENT.COM

K ADD-ALT #6 NATUREPLAY STUMP - SMALL

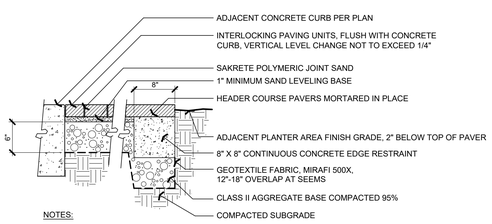
SCALE: NTS



BCI BURKE 'NATUREPLAY SPLIT LOG BENCH'
16"H x 16"D x 36"W
AVAILABLE AT:
SPECIFIED PLAY EQUIPMENT CO
800-475-1071
SPECIFIEDPLAYEQUIPMENT.COM

J ADD-ALT #6 NATUREPLAY SPLIT LOG BENCH

SCALE: NTS



NOTES:

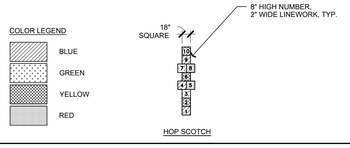
1. INTERLOCKING PAVING UNITS SHALL BE TECHO-BLOC 'BOREALIS' PLANK PAVER, TEXTURE TO BE 'KLEAN-BLOC WOOD', COLOR TO BE 'SMOKED PINE'. INSTALL IN A '02' LINEAR LAYING PATTERN WITH 100% USE OF 30"x5"x2.25" PAVER.
2. PAVERS SHALL BE FLUSH WITH CONCRETE CURB AND/OR ADJACENT PAVING.
3. LAYOUT PAVERS PRIOR TO INSTALLATION AND SPACE SO THAT NO PAVERS REQUIRE SAWCUTTING RESULTING IN PIECES LESS THAN 2" IN SIZE IN ANY DIRECTION.
4. INSTALL PAVERS WITH TIGHT JOINTS. FILL VOIDS WITH SAKRETE SAND AND COMPACT UNTIL ALL JOINTS ARE TIGHT.
5. PAVER SURFACE SHALL BE A SMOOTH AND CONTINUOUS SURFACE WITH NO GAPS COMPLIANT WITH ADA.
6. REFER TO SPECIFICATION 32 14 00 UNIT PAVERS.

I CONCRETE PAVER

SCALE: NTS

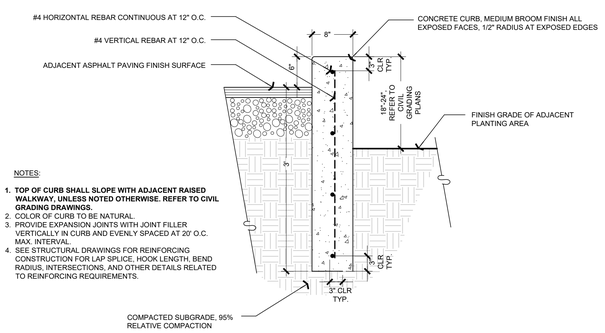
COLOR STRIPING NOTES

1. LINEWORK TO BE 2" WIDE WHITE GAMELINE PAINT UNLESS NOTED OTHERWISE. PAINT TO BE WATER BASED, 100% ACRYLIC, LEAD FREE, NON-BLEEDING, SLIP RESISTANT STRIPING AND MARKING MATERIAL FOR PERMANENT, EXTERIOR GAME LINE MARKING.
2. CLEAN AND DRY AREA(S) TO RECEIVE FIELD OF PAINT.
3. FIELDS TO BE PAINTED PRIMARY COLORS UNLESS INDICATED OTHERWISE. SUBMIT COLOR TILES TO ARCHITECT FOR APPROVAL PRIOR TO PLACING ORDER FOR PAINTS.
4. APPLY PAINT TO CURED ASPHALT ACCEPTABLE TO MANUFACTURER. TREAT NEWLY INSTALLED ASPHALT AS RECOMMENDED BY MANUFACTURER.
5. APPLY PAINT AT MANUFACTURER RECOMMENDED RATES FOR UNIFORM, THOROUGH COVERAGE REQUIRED FOR VIBRANT COLOR PRODUCT. APPLY A MINIMUM OF 2 COATS. ALLOW AT LEAST 4 HOURS DRYING TIME BETWEEN EACH COAT
6. ADD H&C SHARKGRIP SLIP-RESISTANT ADDITIVE INTO FINAL TOPCOAT OF PAINT PER MANUFACTURER RECOMMENDED RATES (APPROXIMATELY 3.2 OZ PER GALLON) AND APPLY WITH A ROLLER.
7. APPLY PAINT IN LARGE AREAS USING A ROLLER AND ONLY USE A BRUSH FOR SMALL AREAS. EDGES SHALL BE CRISP AND CONFORM TO DRAWINGS AND DIAGRAMS.
8. PROTECT AREA FROM TRESPASS AS REQUIRED UNTIL COLORS ARE DRY AND READY FOR USE.
9. ALL TEXT SHALL BE ARIAL FONT, 6" HIGH UNLESS OTHERWISE NOTED. COLOR TO BE WHITE UNLESS OTHERWISE NOTED. EDGES OF ALL LETTERS ARE TO BE CRISP AND WITH NO OVERSPRAY OR OVERPAINTING ON ADJACENT SURFACES. STENCIL GAPS WITHIN LETTERS SHALL NOT BE PERMITTED. IF A STENCIL IS USED FOR LETTERS THEN ALL STENCIL GAPS SHALL BE FILLED IN TO CREATE CONTINUOUS LETTERING WITH NO GAPS.
10. TRICYCLE PATH STRIPING TO BE CENTERED IN WALKWAY. 5' WIDE PATH WITH CONTINUOUS STRIPE ON EACH SIDE AND DASHED STRIPE DOWN THE MIDDLE AS INDICATED ON THE PLAN. COLOR TO BE BLUE.



H HOP SCOTCH AND COLOR STRIPING NOTES

SCALE: NTS

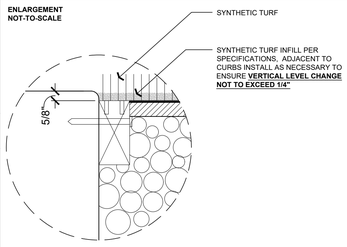


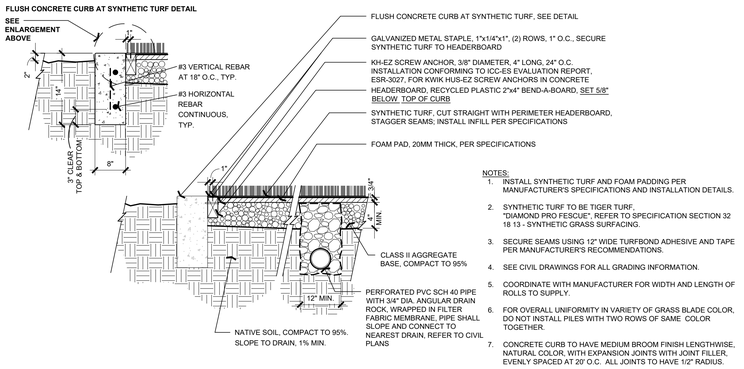
NOTES:

1. **TOP OF CURB SHALL SLOPE WITH ADJACENT RAISED WALKWAY, UNLESS NOTED OTHERWISE. REFER TO CIVIL GRADING DRAWINGS.**
2. COLOR OF CURB TO BE NATURAL.
3. PROVIDE EXPANSION JOINTS WITH JOINT FILLER VERTICALLY IN CURB AND EVENLY SPACED AT 20' O.C. MAX. INTERVAL.
4. SEE STRUCTURAL DRAWINGS FOR REINFORCING CONSTRUCTION FOR LAP SPLICE, HOOK LENGTH, BEND RADIUS, INTERSECTIONS, AND OTHER DETAILS RELATED TO REINFORCING REQUIREMENTS.

G CONCRETE RETAINING CURB

SCALE: NTS





NOTES:

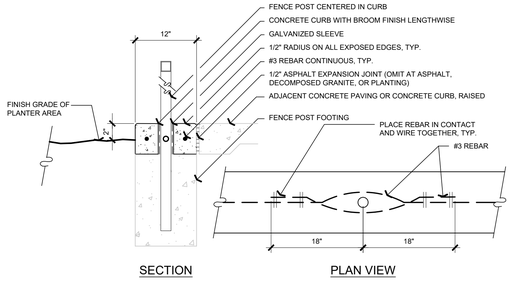
1. INSTALL SYNTHETIC TURF AND FOAM PADDING PER MANUFACTURER'S SPECIFICATIONS AND INSTALLATION DETAILS.
2. SYNTHETIC TURF TO BE TIGER TURF, "DIAMOND PRO FESCUE", REFER TO SPECIFICATION SECTION 32 18 13 - SYNTHETIC GRASS SURFACING.
3. SECURE SEAMS USING 12" WIDE TURFBOND ADHESIVE AND TAPE PER MANUFACTURER'S RECOMMENDATIONS.
4. SEE CIVIL DRAWINGS FOR ALL GRADING INFORMATION.
5. COORDINATE WITH MANUFACTURER FOR WIDTH AND LENGTH OF ROLLS TO SUPPLY.
6. FOR OVERALL UNIFORMITY IN VARIETY OF GRASS BLADE COLOR, DO NOT INSTALL PILES WITH TWO ROWS OF SAME COLOR TOGETHER.
7. CONCRETE CURB TO HAVE MEDIUM BROOM FINISH LENGTHWISE, NATURAL COLOR, WITH EXPANSION JOINTS WITH JOINT FILLER, EVENLY SPACED AT 20' O.C. ALL JOINTS TO HAVE 1/2" RADIUS.

F SYNTHETIC TURF AND CONCRETE CURB

SCALE: NTS

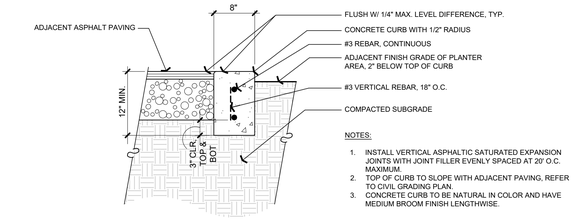
NOTES:

1. TOP OF CURB TO BE FLUSH WITH ADJACENT CONCRETE AND ASPHALT PAVING, 2" ABOVE FINISH GRADE OF SHRUB PLANTING AREA, 1" ABOVE FINISH GRADE OF TURF PLANTING AREAS.
2. COLOR OF CURB TO BE NATURAL PER SPECIFICATIONS.
3. PROVIDE 1/2" ASPHALTIC SATURATED EXPANSION JOINTS WITH JOINT FILLER VERTICALLY IN CURB AND EVENLY SPACED AT 20' O.C. MAX. INTERVAL. 1/2" RADIUS EDGES OF JOINT. ALIGN JOINTS WITH ADJACENT PAVING AS POSSIBLE.



E CONCRETE CURB AT FENCE

SCALE: NTS

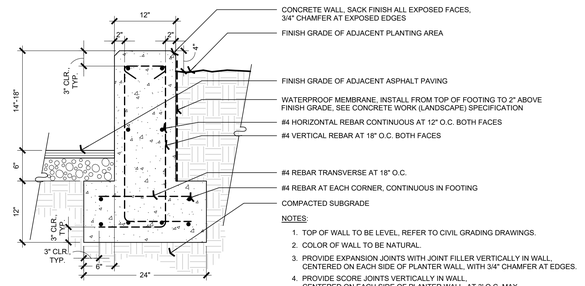


NOTES:

1. INSTALL VERTICAL ASPHALTIC SATURATED EXPANSION JOINTS WITH JOINT FILLER EVENLY SPACED AT 20' O.C. MAXIMUM.
2. TOP OF CURB TO SLOPE WITH ADJACENT PAVING, REFER TO CIVIL GRADING PLAN.
3. CONCRETE CURB TO BE NATURAL IN COLOR AND HAVE MEDIUM BROOM FINISH LENGTHWISE.

D CONCRETE CURB, FLUSH

SCALE: NTS

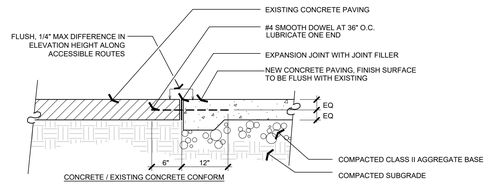


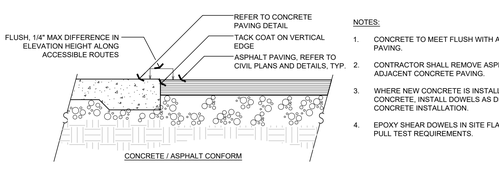
NOTES:

1. TOP OF WALL TO BE LEVEL, REFER TO CIVIL GRADING DRAWINGS.
2. COLOR OF WALL TO BE NATURAL.
3. PROVIDE EXPANSION JOINTS WITH JOINT FILLER VERTICALLY IN WALL, CENTERED ON EACH SIDE OF PLANTER WALL, WITH 3/4" CHAMFER AT EDGES.
4. PROVIDE SCORE JOINTS VERTICALLY IN WALL, CENTERED ON EACH SIDE OF PLANTER WALL, AT 3' O.C. MAX.

C CONCRETE PLANTER WALL, 12" WIDE

SCALE: NTS



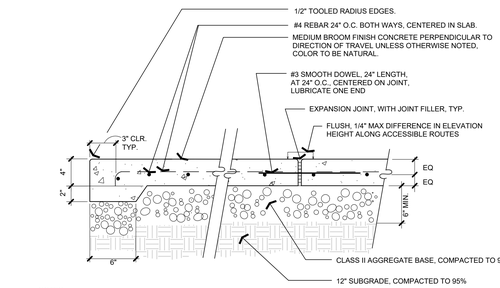


NOTES:

1. CONCRETE TO MEET FLUSH WITH ASPHALT AND CONCRETE PAVING.
2. CONTRACTOR SHALL REMOVE ASPHALT SPILLAGE ON ADJACENT CONCRETE PAVING.
3. WHERE NEW CONCRETE IS INSTALLED ADJACENT TO FUTURE CONCRETE, INSTALL DOWELS AS DETAILED FOR FUTURE CONCRETE INSTALLATION.
4. EPOXY SHEAR DOWELS IN SITE FLATWORK EXEMPTED FROM PULL TEST REQUIREMENTS.

B CONCRETE CONFORMS

SCALE: NTS



NOTES:

1. EXPANSION JOINTS TO BE A MAXIMUM OF 20' O.C., SCORE JOINTS SHALL BE PLACED A MAXIMUM OF 10' O.C. REFER TO PLAN FOR EXACT LOCATIONS.
2. EXPANSION JOINTS TO BE 1/2" WIDE MAXIMUM, FULL DEPTH OF SLAB, AND 1/2" RADIUS EDGES.SCORE JOINTS HAVE 1/2" RADIUS BOTH SIDES, 1-1/4" DEEP SCORE.
3. ADJACENT FINISH GRADE TO BE 2" BELOW CONCRETE PAVING IN SHRUB AND TREE PLANTING AREAS.
4. THICKEN CONCRETE PAVING AT ALL POST LOCATIONS, PRECAST CONCRETE WALLS, AND SURFACE-MOUNTED SITE FURNISHING ANCHORINGS. REFER TO PLAN AND DETAILS FOR LOCATIONS AND THICKNESSES.
5. REFER TO SPECIFICATION SECTION 32 1313.1 - CONCRETE WORK (LANDSCAPE) FOR CONCRETE MIX DESIGN CRITERIA.

A CONCRETE PAVING

SCALE: NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT

PROJECT NAME: CHABOT COLLEGE EARLY CHILDHOOD LAB CENTER

ADDRESS: 2555 Hesperian Blvd., Hayward, CA 94545

LICENSED LANDSCAPE ARCHITECT
ELIKA A. Plato No. 4577
Signature
03.31.2027
Renewal Date
02.03.2026
Date
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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ANLA PROJECT NO: 2505

DATE ISSUED: 2026.02.03

SCALE: AS NOTED

L3.1

CONSTRUCTION DETAILS

ANLA ASSOCIATES, INC.
1723 Hamilton Ave, Suite 101
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www.anla-associates.com

7901 STONERIDGE DR, SUITE #100, PLEASANTON, CA 94588
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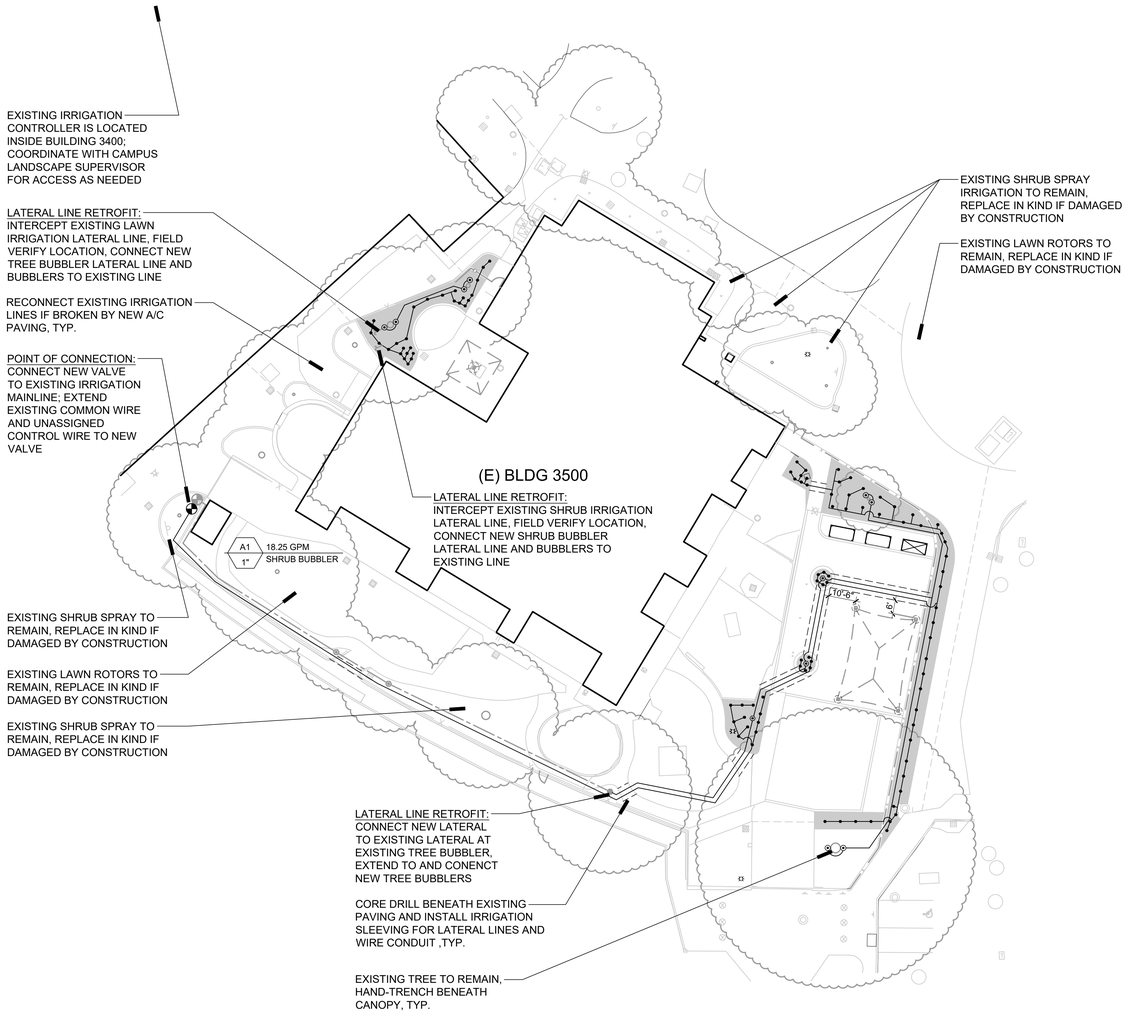

IRRIGATION NOTES

1. I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

   ERIK A. PLATO, CALIFORNIA LANDSCAPE ARCHITECT #5677
2. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT OWNER'S REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.
4. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND REGULATIONS. CONTRACTOR TO CONFORM TO THE REQUIREMENTS OF NFPA 24, SECTION 8.1, MINIMUM 'DEPTH-OF-COVER' (36 INCHES) FOR PIPE TO INCLUDE FIRE LANE ROUTES OF ACCESS.
5. THIS SYSTEM IS DESIGNED TO OPERATE AT 40 PSI AND 18.25 GPM FROM THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE AND FLOW PRIOR TO BEGINNING OF WORK. CONTACT OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.
6. THE IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS FOR PIPING, VALVES, ETC. TO BE INSTALLED WITHIN PLANTING AREAS UNLESS OTHERWISE NOTED AND DETAILED.
7. CONTRACTOR SHALL COORDINATE IRRIGATION INSTALLATION WITH OTHER TRADES. CONTRACTOR TO COORDINATE AND VERIFY ALL SLEEVING, PIPING, ELECTRICAL SUPPLY, POINT OF CONNECTION, ETC.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLETE AND UNIFORM COVERAGE OF PLANTING AND TURF AREAS. CONTRACTOR TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN OPTIMUM OPERATING PRESSURE FOR EACH CIRCUIT. ADJUST SPRAY HEADS AND NOZZLES FOR OPTIMUM COVERAGE WHILE PREVENTING OVERSPRAY ONTO WALKWAYS AND STRUCTURES. ADDITIONALLY, CONTRACTOR SHALL ADJUST ALL VALVES, NOZZLES, AND HEADS FOR OPTIMUM COVERAGE, AVOIDING MISTING, OVERSPRAY, OR UNDERSPRAY.
9. LATERAL LINES TO BE SIZED PER PIPE SIZING CHART.
10. CONTRACTOR TO MAINTAIN AS-BUILT DRAWING SET TO BE AVAILABLE ON SITE AT ALL TIMES AND AT TIME OF SUBSTANTIAL COMPLETION REVIEW. CONTRACTOR SHALL PREPARE REDUCED, COLOR-CODED PLANS, LAMINATE, AND PLACE (1) IN CONTROLLER ENCLOSURE AND DELIVER (1) TO OWNER'S REPRESENTATIVE AFTER APPROVAL OF RECORD DRAWING SUBMITTAL AND PRIOR TO FINAL COMPLETION.
11. CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN TRENCHING AROUND EXISTING TREES AND SHRUBS. CONTRACTOR SHALL HAND TRENCH WHEN TRENCHING ACROSS ROOTS 2" AND LARGER TO PRESERVE ROOT SYSTEM. ROOTS SMALLER THAN 2" MAY BE TRIMMED. DO NOT TEAR ANY ROOTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
13. REFER TO IRRIGATION DETAILS ON SHEET L5.1, AND SPECIFICATION SECTIONS:
    - 01 56 39 TEMPORARY TREE AND PLANT PROTECTION
    - 32 84 00 PLANTING IRRIGATION
14. TOTAL NEW IRRIGATED LANDSCAPE AREA IS 2,040 SQUARE FEET. COMPLIANCE WITH THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE LIMITED TO APPENDIX D PROVISIONS.

IRRIGATION DEMOLITION NOTES:

1. CONTRACTOR SHALL EXECUTE IRRIGATION WORK EXPEDITIOUSLY TO MAINTAIN WATER SERVICE FOR EXISTING TO REMAIN IRRIGATION SYSTEMS LOCATED OUTSIDE OF PROJECT AREA AS REQUIRED TO MAINTAIN PLANT MATERIAL IN A HEALTHY CONDITION.
2. CONTRACTOR SHALL SCHEDULE OR PHASE WORK AS APPROPRIATE WITH GENERAL CONTRACTOR'S OVER-ALL PROJECT SCHEDULING.
3. IRRIGATION CONTRACTOR SHALL INCLUDE IN THEIR BID TO COORDINATE WITH GENERAL CONTRACTOR PRIOR TO DEMOLITION AND GRADING AND MAKE TEMPORARY AND PERMANENT CONNECTIONS AND / OR REPAIRS AS NECESSARY TO MAINTAIN IRRIGATION WATER SERVICE TO IRRIGATION SYSTEMS LOCATED OUTSIDE OF PROJECT AREA AFFECTED BY CONSTRUCTION. CONTRACTOR TO MAINTAIN WATER SUPPLY TO PLANTS AND TURF AT ALL TIMES OR SUPPLY WATER MANUALLY TO MAINTAIN PLANTS AND TURF IN HEALTHY CONDITION THROUGHOUT CONSTRUCTION. DAMAGE TO TURF DUE TO INSUFFICIENT WATER SHALL BE REPAIRED BY INSTALLING NEW SOD.
4. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH CAMPUS LANDSCAPE SUPERVISOR IN ADVANCE OF PLANNED DISRUPTIONS OF IRRIGATION WATER SERVICE.

IRRIGATION LEGEND

SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
BUBBLER						
⊛	1401	RAINBIRD	TREE FLOOD BUBBLER IN DRAIN TUBE PER DETAIL, TWO PER TREE	0.25	30	-
⊙	1401	RAINBIRD	TREE FLOOD BUBBLER ON GRADE, ONE PER SYMBOL	0.25	30	-
⊛	--	--	EXISTING TREE BUBBLER, TO REMAIN	-	-	-
•	1401	RAINBIRD	FLOOD BUBBLER, ONE PER SHRUB	0.25	30	-
VALVES						
	100-EFB-CP	RAINBIRD	BRASS ELECTRIC REMOTE CONTROL VALVE, SIZE PER PLAN, INSTALL WYE STRAINER UPSTREAM FOR FLOWS 5 GPM AND LESS			
	-	-	EXISTING REMOTE CONTROL VALVE TO REMAIN			
PIPING						
			EXISTING IRRIGATION MAINLINE TO REMAIN			
			EXISTING IRRIGATION LATERAL LINE TO REMAIN			
			SCHEDULE 40 PVC NON-PRESSURIZED LATERAL LINE PIPE, 18" DEPTH; 36" DEPTH UNDER FIRE LANE AND 24" UNDER STANDARD PAVING, NSF APPROVED, SIZE PER CHART			
			SCH 40 PVC SLEEVES, (2) IN EACH LOCATION, 3" MIN. IN SIZE, 36" MINIMUM DEPTH'			

HYDROZONES

LOW

MODERATE

NOTES:

1. HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE 1 PER WUCOLS IV, 2014.
2. SEE IRRIGATION PLAN FOR HYDROZONE NUMBERS AND CALCULATIONS.
3. TREE HYDROZONE AREA ESTIMATED FROM SPECIES CANOPY SIZE AT MATURITY.

LATERAL PIPE SIZE CHART, SCH 40 PVC

GALLONS PER MINUTE	PIPE SIZE
0 - 7.99 GPM	3/4"
8 - 12.99 GPM	1"
13 - 22.99 GPM	1-1/4"
23 - 30.99 GPM	1-1/2"
31 - 50.99 GPM	2"
51 - 70.99 GPM	2-1/2"
71 - 110.99 GPM	3"

C = GALLONS PER MINUTE
A = VALVE NUMBER
B = VALVE SIZE
D = DESCRIPTION

A C
B D

NORTH

SCALE: 1" = 20'-0"

0' 10' 20' 40'

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ERIK A. Plato No. 5677
Signature 03.31.2027
Renewal Date
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ANLA PROJECT NO: 2505

DATE ISSUED: 2026.03.13

SCALE: AS NOTED

L4.1

IRRIGATION PLAN

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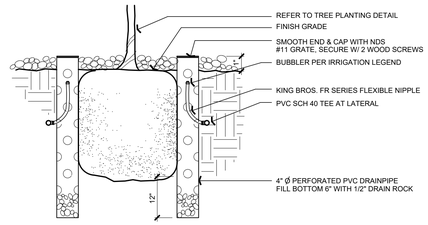
L

H

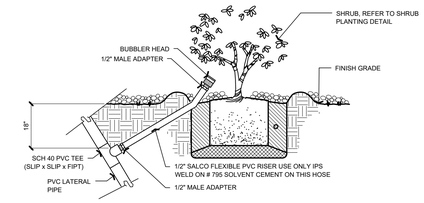
D TREE BUBBLER SCALE: NTS



K

G

C SHRUB BUBBLER SCALE: NTS

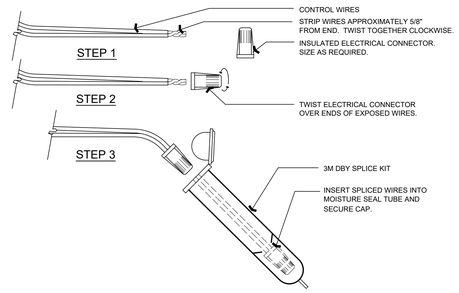


NOTES :

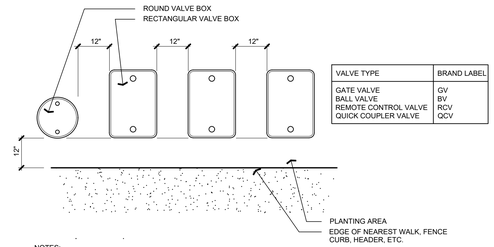
1. FLEXIBLE TUBING NOT TO EXTEND MORE THAN 1-1/2" ABOVE FINISH GRADE.
2. INSTALL AND ADJUST BUBBLER TO APPLY WATER ON ROOTBALL OF EACH SHRUB.
3. CONTRACTOR SHALL INSTALL CHECK VALVES AS REQUIRED ON SLOPES TO MINIMIZE RUN-OFF AND AVOID POOLING OF WATER FROM LOW HEAD RUN-OFF.
4. INSTALL BUBBLER ON HIGH SIDE OF SLOPE WHEN SHRUB IS PLANTED ON SLOPE.

J

F WIRE CONNECTIONS SCALE: NTS



B VALVE BOX ALIGNMENT SCALE: NTS



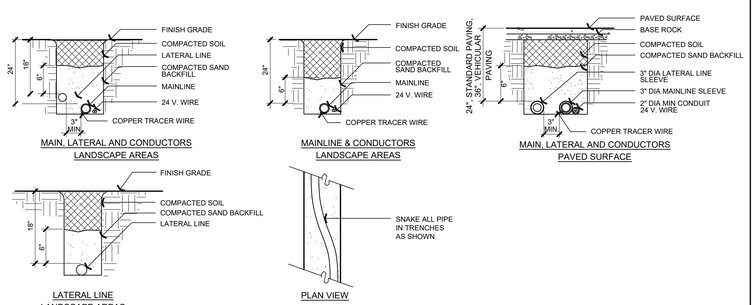
VALVE TYPE	BRAND LABEL
GATE VALVE	GV
BALL VALVE	BV
REMOTE CONTROL VALVE	RCV
QUICK COUPLER VALVE	QCV

NOTES:

1. SET BOXES PARALLEL AND PERPENDICULAR TO NEAREST EDGE AND EACH OTHER.
2. CENTER BOXES OVER ENCLOSED VALVES.
3. AVOID HEAVILY COMPACTING SOIL AROUND BOXES TO PREVENT DAMAGING BOX.
4. VALVE BOXES IN SHRUB PLANTING AREAS SHALL BE BLACK AND GREEN IN TURF.
5. FOR ANY VALVE BOXES THAT FALL WITHIN THE PATH OF TRAVEL: ALL TRANSITIONS/COVER PLATES/INFILLS SHALL BE FLUSH WITH A ¼" MAX. LEVEL DIFFERENCE, TYP.
6. BRAND VALVE LIDS WITH IDENTIFYING LABEL. SEE TABLE.

I

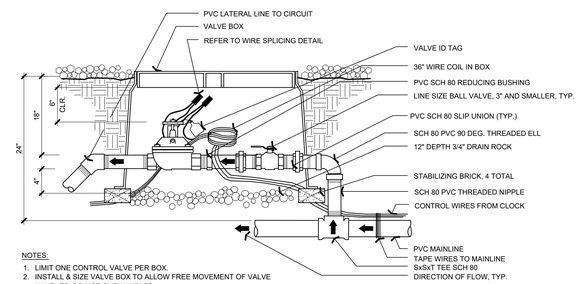
E TRENCHING SCALE: NTS



NOTES:

1. TAPE AND BUNDLE CONTROL WIRES AT 10 FOOT INTERVALS.
2. LAY IRRIGATION SUPPLY LINE ON NATIVE SOIL BED. BACKFILL WITH SAND, COMPACT SAND BY FLOODING.
3. PROVIDE SLEEVES FOR ALL LINES AND WIRES BENEATH PAVING.

A REMOTE CONTROL VALVE SCALE: NTS



NOTES:

1. LIMIT ONE CONTROL VALVE PER BOX.
2. INSTALL & SIZE VALVE BOX TO ALLOW FREE MOVEMENT OF VALVE HANDLES. DO NOT CUT HANDLES.
3. CONTRACTOR SHALL RUN SPECIFIED QUANTITY OF SPARE CONTROL WIRES THROUGH EACH BALL VALVE BOX AND COIL 3' LOOP FOR FUTURE USE.
4. NO EARTH FILL INSIDE BOX OR TOUCHING VALVE.
5. USE TEFLON PASTE PIPE THREAD SEALANT ON THREADED CONNECTIONS.
6. EACH CONTROL VALVE TO HAVE MANUAL BLEED AND FLOW CONTROL.
7. ADJUST EACH CONTROL VALVE TO OPTIMUM FLOW AS REQUIRED BY THE HEADS.

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PROJECT NAME: CHABOT COLLEGE EARLY CHILDHOOD LAB CENTER

ADDRESS: 2555 Hesperian Blvd., Hayward, CA 94545

LICENSED LANDSCAPE ARCHITECT
C.H.A.P. Plato No. 4577
Signature
03.31.2027
Renewal Date
03.13.2026
Date
STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
1		
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ANLA PROJECT NO: 2505

DATE ISSUED: 2026.03.13

SCALE: AS NOTED

L5.1

IRRIGATION DETAILS

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1723 Hamilton Ave, Suite 101
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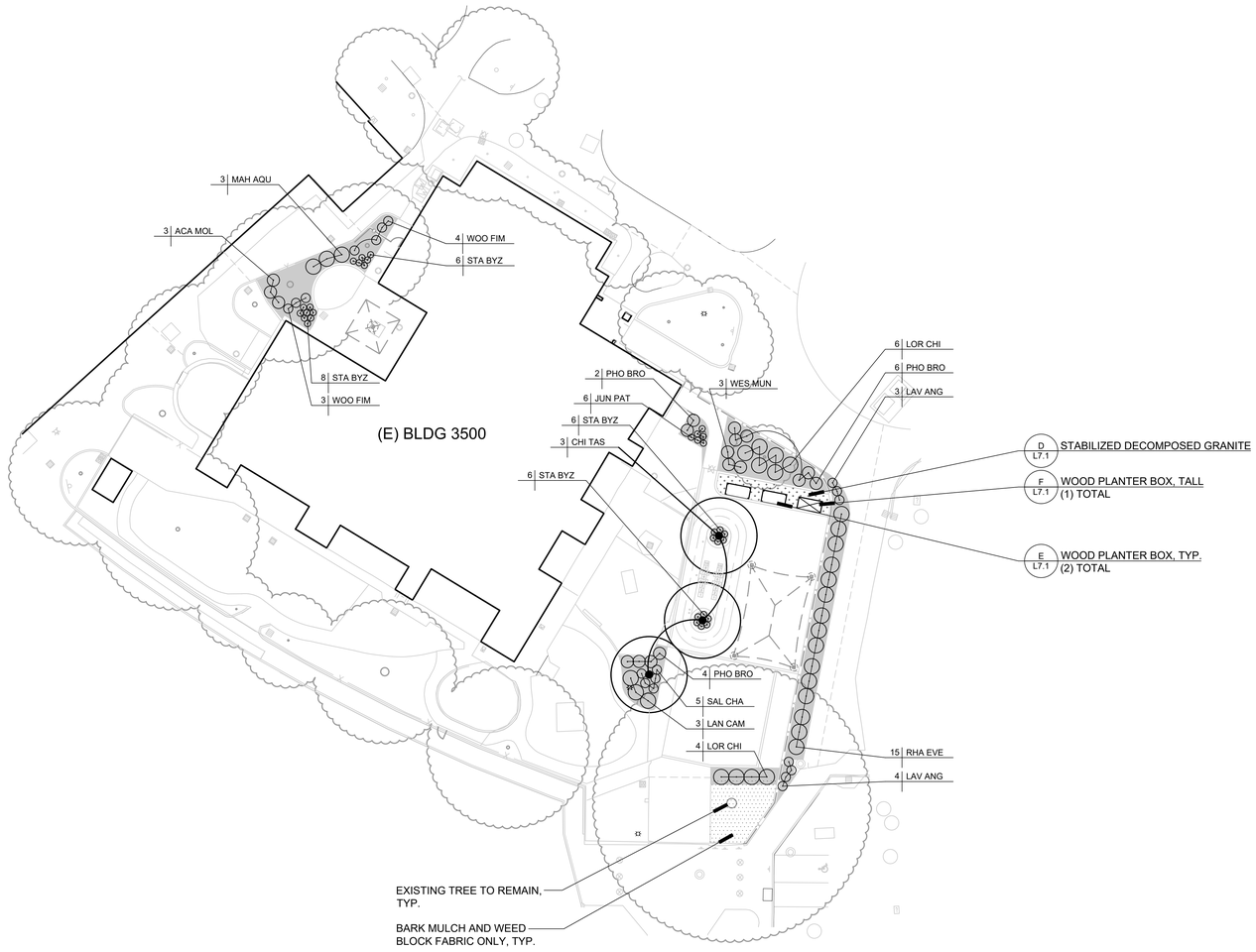

PLANTING NOTES

1. I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

   ERIK A. PLATO, CALIFORNIA LANDSCAPE ARCHITECT #5677

2. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH WORK TO BE DONE. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO DIGGING. NOTIFY OWNER IMMEDIATELY SHOULD CONFLICTS ARISE.
5. FINE GRADING, HEADERS AND IRRIGATION COVERAGE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.
6. CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FACE TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES OR VIEWS. CONTRACTOR TO OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
7. PLANT MATERIAL SHALL NOT BE INSTALLED IN AN AREA WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERN. NOTIFY THE OWNER'S REPRESENTATIVE SHOULD CONFLICTS ARISE.
8. PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE OWNER'S REPRESENTATIVE REQUEST PRIOR TO INSTALLATION. OBTAIN APPROVAL OF PLANT LAYOUT FROM THE OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
9. UNLESS OTHERWISE NOTED, FINISH GRADE OF SHRUB AND GROUND COVER AREAS SHALL BE 2" BELOW ADJACENT PAVING. TAPER 3" DEPTH BARK MULCH TOP DRESSING TO 1/2" BELOW ADJACENT PAVING (1-1/2" DEPTH) WITHIN 2' OF PAVING. FINISH GRADE OF SEEDED TURF AREAS SHALL BE 1/2" BELOW ADJACENT PAVING. FINISH GRADE OF SODDED TURF AREAS SHALL BE 1" BELOW ADJACENT PAVING.
10. PLANTING AREAS SHALL RECEIVE A 3" MIN. DEPTH BARK MULCH TOP DRESSING, UNLESS OTHERWISE NOTED. MULCH TO BE ORGANIC SHREDDED CEDAR.
11. NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.
12. EXISTING TREES, SHRUBS AND GROUND COVERS TO REMAIN SHALL BE PROTECTED. ANY DAMAGE CAUSED BY CONTRACTOR'S WORK OR NEGLIGENCE SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
13. THIRTY DAYS AFTER PLANTING, CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NECESSARY.
14. CONTRACTOR TO COLLECT AND SUBMIT SOIL SAMPLE TO LUCCHESI CONSULTING FOR SOIL AMENDING AND PREPARATION RECOMMENDATION PER SPECIFICATION SECTION 32 90 00.
15. CONTRACTOR SHALL COORDINATE ROUGH GRADING AND FINE GRADING TO ENSURE EXISTING SUITABLE TOPSOIL IS REMOVED, STOCKPILED AND REINSTALLED INTO PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATION SECTION 32 90 00. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION SECTION 32 90 00.
16. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT HIS OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
17. REFER TO PLANTING DETAILS ON SHEET L7.1, AND SPECIFICATION SECTIONS:
    01 56 39 TEMPORARY TREE AND PLANT PROTECTION
    32 90 00 PLANTING

PLANT LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WATER NEEDS*
TREES:				
CHI TAS	24" BOX	CHITALPA TASHKENTENSIS 'PINK DAWN'	PINK DAWN CHITALPA	LOW
SHRUBS:				
ACA MOL	5 GAL	ACANTHUS MOLLIS	BEAR'S BREECH	MOD
JUN PAT	5 GAL	JUNCUS PATENS 'ELK BLUE'	ELK BLUE CALIFORNIA RUSH	LOW
LAN HYB	5 GAL	LANTANA HYBRID 'SPREADING SUNSET'	SPREADING LANTANA	LOW
LAV ANG	5 GAL	LAVANDULA ANGUSTIFOLIA 'MUNSTEAD'	MUNSTEAD ENGLISH LAVENDER	LOW
LOR CHI	5 GAL	LOROPETALUM CHINENSE 'BURGUNDY'	CHINESE FRINGE FLOWER	LOW
MAH AQU	5 GAL	MAHONIA AQUIFOLIUM	OREGON GRAPE	MOD
PHO BRO	5 GAL	PHORMIUM 'BRONZE BABY'	BRONZE NEW ZEALAND FLAX	LOW
RHA EVE	5 GAL	RHAMNUS CALIFORNICA 'EVE CASE'	CALIFORNIA COFFEEBERRY	LOW
SAL CHA	5 GAL	SALVIA CHAMAEDRYOIDES	GERMANDER SAGE	LOW
STA BYZ	1 GAL	STACHYS BYZANTINA	LAMB'S EAR	LOW
WES MUN	5 GAL	WESTRINGIA FRUTICOSA 'MUNDI'	TRAILING COAST ROSEMARY	LOW
WOO FIM	5 GAL	WOODWARDIA FIMBRIATA	GIANT CHAIN FERN	MOD

*WATER NEEDS BASED ON: "WATER USE CLASSIFICATION OF LANDSCAPE SPECIES", ZONE 1, UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION AND THE DEPARTMENT OF WATER RESOURCES, 2014.

HYDROZONES

LOW

MODERATE

NOTES:

1. HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE 1 PER WUCOLS IV, 2014.
2. SEE IRRIGATION PLAN FOR HYDROZONE NUMBERS AND CALCULATIONS.
3. TREE HYDROZONE AREA ESTIMATED FROM SPECIES CANOPY SIZE AT MATURITY.

LANDSCAPE MATERIALS LEGEND

SYMBOL	DESCRIPTION	DETAIL
	STABILIZED DECOMPOSED GRANITE	D, L7.1
	WOOD PLANTER BOX, TYP. (2) TOTAL	E, L7.1
	WOOD PLANTER BOX, TALL (1) TOTAL	F, L7.1
	BARK MULCH AND WEED BLOCK FABRIC ONLY	

LANDSCAPE SHADING:

AS REQUIRED PER CALGREEN 5.106.12: SHADE TREES

5.106.12.2: LANDSCAPE AREAS:	
TOTAL AREA OF NEW LANDSCAPE	1,886 SF
REQUIRED SHADING OF LANDSCAPE AREAS 20%	377 SF
TOTAL SHADED LANDSCAPE AREA PROVIDED	1,276 SF
5.106.12.3: HARDSCAPE AREAS:	
TOTAL AREA OF NEW HARDSCAPE	7,105 SF
REQUIRED HARDSCAPE AREA SHADING (20%)	1,421 SF
TOTAL SHADED HARDSCAPE AREA PROVIDED	3,296 SF

NORTH

SCALE: 1" = 20'-0"

0' 10' 20' 40'

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STATE OF CALIFORNIA

REVISIONS:

	DESCRIPTION	DATE
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ANLA PROJECT NO: 2505

DATE ISSUED: 2026.03.13

SCALE: AS NOTED

L6.1

PLANTING PLAN

ANLA ASSOCIATES, INC.
1723 Hamilton Ave, Suite 101
San Jose, CA 95125
T. 408.292.2196
www.anla-associates.com

7901 STONERIDGE DR, SUITE #100, PLEASANTON, CA 94588
T 510.267.3180 WWW.SVA-ARCHITECTS.COM

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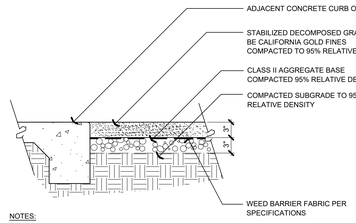
L

H

D STABILIZED DECOMPOSED GRANITE SCALE: NTS



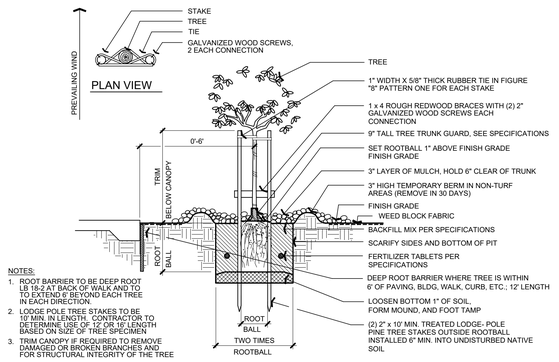
NOTES:

1. DECOMPOSED GRANITE SOIL BINDER TO BE BY STABILIZER SOLUTIONS, INC., (602) 225-5900.
2. DECOMPOSED GRANITE TO SIT FLUSH TO 1/4" BELOW ADJACENT PAVING.

K

G

C TREE PLANTING SCALE: NTS



NOTES:

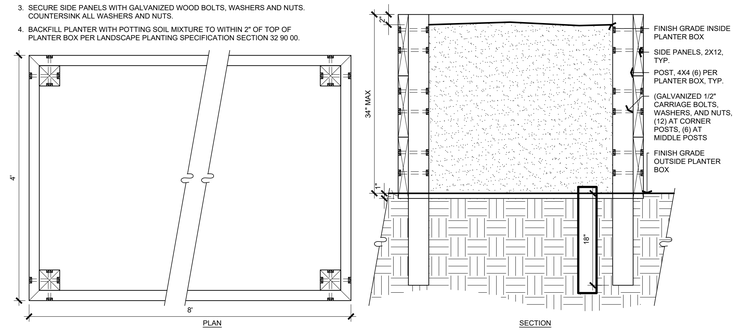
1. ROOT BARRIER TO BE DEEP ROOT UB 18-2 AT BACK OF WALK AND TO TO EXTEND 8' BEYOND EACH TREE IN EACH DIRECTION.
2. LODGE POLE TREE STAKES TO BE 10' MIN. IN LENGTH. CONTRACTOR TO DETERMINE USE OF 12' OR 16' LENGTH BASED ON SIZE OF TREE SPECIMEN
3. TRIM CANOPY IF REQUIRED TO REMOVE DAMAGED OR BROKEN BRANCHES AND FOR STRUCTURAL INTEGRITY OF THE TREE

J

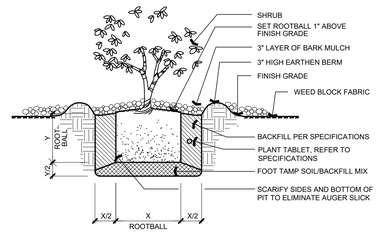
F PLANTER BOX, TALL SCALE: NTS

NOTES:

1. ALL 2X12 LUMBER SHALL BE REDWOOD CONSTRUCTION / COMMON DECK COMMON.
2. ALL 4X4 LUMBER SHALL BE REDWOOD CONSTRUCTION COMMON DECK COMMON.
3. SECURE SIDE PANELS WITH GALVANIZED WOOD BOLTS, WASHERS AND NUTS. COUNTERSINK ALL WASHERS AND NUTS.
4. BACKFILL PLANTER WITH POTTING SOIL MIXTURE TO WITHIN 2" OF TOP OF PLANTER BOX PER LANDSCAPE PLANTING SPECIFICATION SECTION 32 90 00.



B SHRUB PLANTING SCALE: NTS



I

E PLANTER BOX SCALE: NTS

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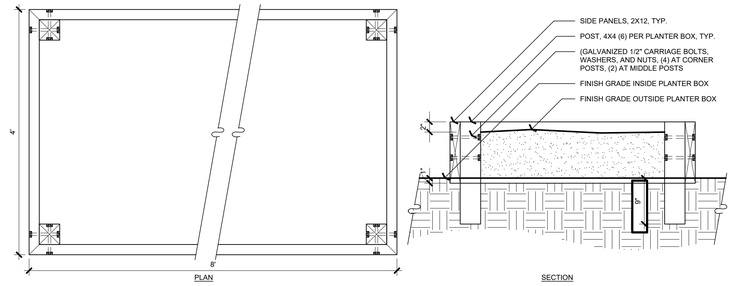
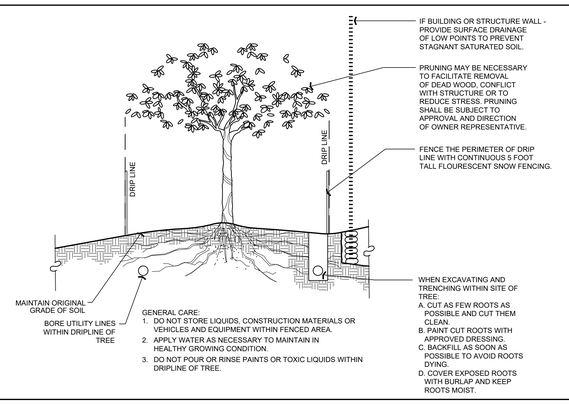


A TREE PROTECTION SCALE: NTS



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 01-122494 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 04/01/2026

OWNER: CHABOT - LAS POSITAS COMMUNITY COLLEGE DISTRICT

PROJECT NAME: CHABOT COLLEGE EARLY CHILDHOOD LAB CENTER

ADDRESS: 2555 Hesperian Blvd., Hayward, CA 94545

LICENSED LANDSCAPE ARCHITECT
CHRISTOPHER A. PLATO No. 4577
Signature
03.31.2027
Renewal Date
03.13.2026
Date
STATE OF CALIFORNIA

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