

GENERAL BUILDING INFORMATION

NOTES

EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT

MINIMUM CORRIDOR WIDTH: 44 INCHES PER TABLE 1020.2

FIRE RATINGS

SUPPORTING HORIZONTAL CONSTRUCTION REQUIRED TO BE PROTECTED PER CBC 711.1

-EXTERIOR BEARING WALLS PER TABLE 601 = 0 HR

-INTERIOR BEARING WALLS PER TABLE 601 = 0 HR

-SEE A800 & A801 FOR FIRE RATED WALL / FLOOR ASSEMBLIES.

FIRE SEPARATION DISTANCE

FOR A, B AND E OCCUPANCIES TABLE 602

$x < 5'$: 1 HR
 $5' \leq x < 10'$: 1 HR
 $10' \leq x < 30'$: 0 HR
 $x \geq 30$ FEET: 0 HR

ALLOWABLE BUILDING AREA

$A_0 = A_1 = (NS \times I)$ EQUATION 5-1

$[24,000 \times 0.78] \times 1 = 40,272$ SF for A2
 $[38,000 \times 0.78] \times 1 = 69,456$ SF for B
 $[38,000 \times 0.78] \times 1 = 69,456$ SF for E

$A_2 = 1,796 / 40,272 = .043$ SF
 $B = 1,424 / 69,456 = .023$ SF
 $E = 4,793 / 69,456 = .075$ SF

TOTAL = 0.141 SF

ALLOWABLE AREA = 164,328 SF

10,477 GROSS SF TOTAL BUILDING < 164,328 SF = OK

PLUMBING FIXTURE COUNT

E	220	50%	= 110	E	51+49+59+51+220	
B	11	50%	= 6	B	3+2+2+1+1+3 = 11	
A2	112	50%	= 56	A2	= 112	

MINIMUM number of plumbing fixtures CPT Table 422.1

OCCUPANCY	WC	URINAL	LAVATORY		
	M	W	M	W	DF
E	3	4	2	3	3
B	1	1	1	1	1
A2	2	3	1	1	2
TOTAL	6	8	4	5	5

REQUIRED

E	5	5	0	5	5	PROVIDED
B	1	1	0	1	1	PROVIDED
A2	1	2	50	1	1	PROVIDED
TOTAL	6	6	0	6	6	PROVIDED

4 DF REQUIRED
4 DF PROVIDED

MULTI-OCCUPANCY, SINGLE STORY BLDG. EQUATION 5-5

If = $[F/P - 0.25] W/30$

W = 30
If = $[.920 - .25] \times 1 = .675$

LEGEND

(E) INDICATES EXISTING
(N) INDICATES NEW

OCCUPANCY TYPE: B
OCCUPANCY TYPE: A2
OCCUPANCY TYPE: E

1-HR. RATED FIRE WALL

USE: EDUCATIONAL (PRE-K)

TYPE OF CONSTRUCTION: TYPE V-B / FULLY-SPRINKLERED Combustible Construction (plywood roof)

OCCUPANCY: (CBC 303.4)

MAIN OCCUPANCY GROUP E AREA - 4,793 SF

- CLASSROOM #1
- CLASSROOM #2
- CLASSROOM #3
- CLASSROOM #4
- TEACHER PREP #1
- TEACHER PREP #2
- CLASSROOM #1 RESTROOM
- CLASSROOM #2 RESTROOM
- CLASSROOM #3 RESTROOM
- CLASSROOM #4 RESTROOM
- PREP ROOM #1 RESTROOM
- PREP ROOM #2 RESTROOM

"B" OCCUPANCIES GROUP B AREA - 1,428 SF

- RECEPTION
- PRIVATE OFFICE
- STORAGE
- CUSTODIAL
- NURSE
- KITCHEN
- STORAGE
- DATA

GROUP A-2 AREA - 4,256 SF

- MULTIPURPOSE ROOM
- FIRE RISER ROOM
- STORAGE 1
- STORAGE 2
- SHADE STRUCTURE 1
- SHADE STRUCTURE 2

PROPOSED AREA:
NET AREA: 7,464 SF
TOTAL GROSS AREA: 10,477 SF

ALLOWABLE AREA PER TABLE 506.2:
ASSEMBLY (A-2): 24,000 SF
BUSINESS (B): 38,000 SF
EDUCATIONAL (E): 38,000 SF

10,477 SF < 24,000 SF = OK

ALLOWABLE BUILDING HEIGHT: (TABLE 504.3)
EDUCATIONAL (E) = 60' MAX ALLOWED

ACTUAL HEIGHT: 18'-0" PROPOSED (AT TOP OF PARAPET)

ALLOWABLE NUMBER OF STORIES: (TABLE 504.4) WITHOUT INCREASE BUSINESS (B)
1 - STORY PROPOSED
2 STORIES MAX

OCCUPANCY SEPARATION: (CBC SECTION 508.3)
SEPARATION REQUIRED BETWEEN:
A-B = 1 HOUR
B-E = 1 HOUR
A-E = NONE

ROOF TYPE: CLASS A ROOF

EGRESS REQUIREMENTS: PANIC HARDWARE ON ROOMS WITH 50 OR MORE OCCUPANTS & AT ELECTRICAL ROOM

OCCUPANT LOAD FACTOR: (CBC TABLE 1004.1.2)
ASSEMBLY (15)
EDUCATION (20)
BUSINESS (150)

PANIC HARDWARE: (CBC 1010.1.10)
REQUIRED FOR OCCUPANT LOAD OF 50 OR MORE OCCUPANTS & AT ELECTRICAL ROOM

REQUIRED FOR ELECTRICAL ROOMS WITH EQUIPMENT RATED 800AMP OR MORE AND OVER 6 FOOT WIDE.
HARDWARE MINIMUM 3/4 INCHES AND MAXIMUM 44 INCHES ABOVE FINISHED FLOOR.

EXCEPT AS SPECIFICALLY PERMITTED BY THIS SECTION EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

ACCESSORY STORAGE SPACES: (CBC 311.1.1)
A ROOM OR SPACE USED FOR STORAGE PURPOSES THAT IS LESS THAN 100 SQUARE FEET IN AREA AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS PART OF THAT OCCUPANCY.

SAFE DISPERSAL AREA: 339 (OCCUPANCY) X 5 SQ FT = 1,695 SQ FT TOTAL LOCATION PER OVERALL SITE PLAN A101 EGRESS FENCE & GATE FOR LOCATION SEE SHEET G003.

HEIGHT / STORIES

TABLE 504.3 & 504.4: ALLOWABLE BUILDING HEIGHTS AND AREAS: TYPE V-B

MAX HEIGHT ALLOWED ABOVE GRADE PLANE: 60'-0" (S/WITHOUT AREA INCREASE)
ACTUAL MAX HEIGHT: 20'-0" = OK

MAX STORIES ALLOWED ABOVE GRADE PLANE: 2 = OK
ACTUAL STORIES ABOVE GRADE PLANE: 2 = OK

AGENCY APPROVAL

IDENTIFICATION STAMP
OF THE STATE ARCHITECT
APP. 04-120944 INC.
REVIEWED FOR:
38 □ PLS □ ACS □
DATE: 08/20/2022

PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE

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BLYTHE CA 92225

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ISSUE

MARK	DATE	DESCRIPTION

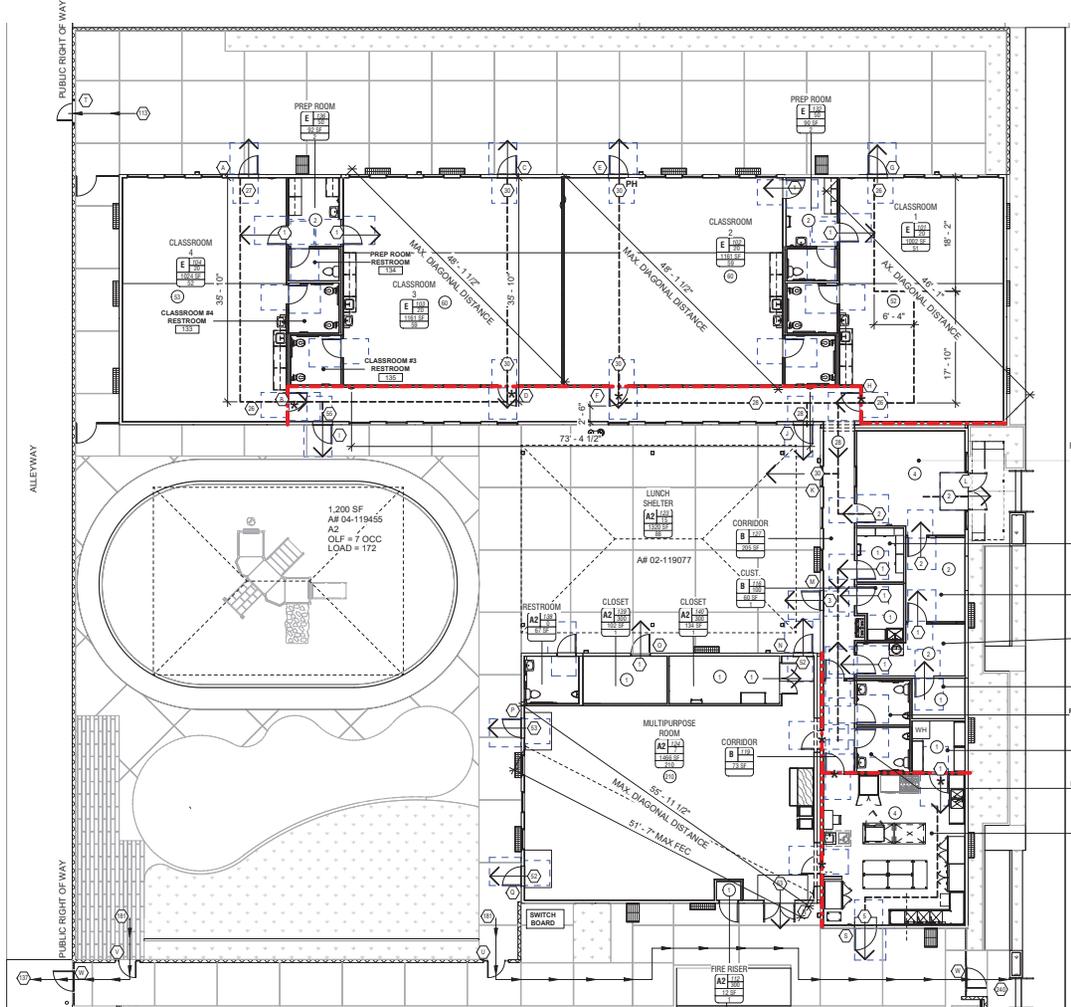
KEY PLAN

SHEET TITLE
CODE ANALYSIS

SHEET NUMBER
G004

File Path: BM 300/PVC CDC By:rh/PVC CDC Blythe.rvt

File Path: BM 350/PVC CDC By:RHPVC CDC Blythe.rvt



EXIT ACCESS DOORWAYS (1005.3.2 EGRESS WIDTH PER OCCUPANT SERVED)

EXIT "A"
OCCUPANT LOAD = 27 OCCUPANTS
27 X 0.2 = 5' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "B"
OCCUPANT LOAD = 26 OCCUPANTS
26 X 0.2 = 5' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "C"
OCCUPANT LOAD = 30 OCCUPANTS
30 X 0.2 = 6' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "D"
OCCUPANT LOAD = 30 OCCUPANTS
30 X 0.2 = 6' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "E"
OCCUPANT LOAD = 30 OCCUPANTS
30 X 0.2 = 6' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "F"
OCCUPANT LOAD = 30 OCCUPANTS
30 X 0.2 = 6' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "G"
OCCUPANT LOAD = 26 OCCUPANTS
26 X 0.2 = 5' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "H"
OCCUPANT LOAD = 25 OCCUPANTS
25 X 0.2 = 5' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "I"
OCCUPANT LOAD = 55 OCCUPANTS
86 X 0.2 = 11' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "J"
OCCUPANT LOAD = 28 OCCUPANTS
28 X 0.2 = 5.6' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "K"
OCCUPANT LOAD = 30 OCCUPANTS
30 X 0.2 = 6' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "L"
OCCUPANT LOAD = 2 OCCUPANTS
2 X 0.2 = 1' EXIT DOOR REQUIRED; 72" PROVIDED

EXIT "M"
OCCUPANT LOAD = 3 OCCUPANTS
3 X 0.2 = 1' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "N"
OCCUPANT LOAD = 52 OCCUPANTS
52 X 0.2 = 10' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "O"
OCCUPANT LOAD = 1 OCCUPANTS
1 X 0.2 = 1' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "P"
OCCUPANT LOAD = 53 OCCUPANTS
53 X 0.2 = 11' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "Q"
OCCUPANT LOAD = 52 OCCUPANTS
52 X 0.2 = 10' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "R"
OCCUPANT LOAD = 53 OCCUPANTS
53 X 0.2 = 11' EXIT DOOR REQUIRED; 72" PROVIDED

EXIT "S"
OCCUPANT LOAD = 4 OCCUPANTS
4 X 0.2 = 1' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "T"
OCCUPANT LOAD = 113 OCCUPANTS
113 X 0.2 = 23' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "U"
OCCUPANT LOAD = 181 OCCUPANTS
181 X 0.2 = 36' EXIT DOOR REQUIRED; 36" PROVIDED

EXIT "V"
OCCUPANT LOAD = 181 OCCUPANTS
181 X 0.2 = 36' EXIT DOOR REQUIRED; 36" PROVIDED

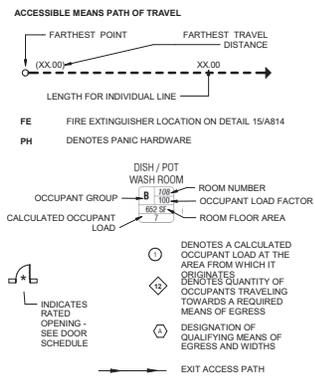
EXIT "W"
OCCUPANT LOAD = 240 OCCUPANTS
240 X 0.2 = 48' EXIT DOOR REQUIRED; 48" PROVIDED

EGRESS ANALYSIS

Number	ROOM NAME	Area	Load Factor	Occp.Load
122	Room	Not Placed		
103	CLASSROOM 3	1161 SF	20	58
102	CLASSROOM 2	1161 SF	20	58
101	CLASSROOM 1	1002 SF	20	50
124	MULTIPURPOSE ROOM	1466 SF	7	210
104	CLASSROOM 4	1024 SF	20	51
127	CORRIDOR	205 SF		
120	KITCHEN	546 SF	200	3
114	NURSE OFFICE	121 SF	150	1
113	OFFICE	128 SF	150	1
116	CUST.	60 SF	300	0
129	RESTROOM	61 SF	0	
128	RESTROOM	61 SF	0	
121	PANTRY	69 SF	300	0
115	STORAGE	65 SF	300	0
117	DATA	55 SF	300	0
119	CORRIDOR	73 SF		
126	CORRIDOR	507 SF		
100	RECEPTION	277 SF	150	2
132	PREP ROOM	90 SF	50	2
133	CLASSROOM #4 RESTROOM	65 SF	0	
134	PREP ROOM RESTROOM	42 SF	0	
135	CLASSROOM #3 RESTROOM	65 SF	0	
136	PREP ROOM	92 SF	50	2
112	FIRE RISER	12 SF	300	0
139	PREP ROOM RESTROOM	42 SF	0	
140	CLOSET STO	134 SF	300	0
138	RESTROOM	67 SF	0	
129	CLASSROOM #1 RESTROOM	65 SF	0	
130	PREP ROOM RESTROOM	42 SF	0	
131	CLASSROOM #2 RESTROOM	65 SF	0	
Grand total:				439

* CONFIRM ALL ROOM NAMES WITH DISTRICT PRIOR TO SIGN FABRICATION *

LEGEND



AGENCY APPROVAL

IDENTIFICATION STAMP
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APP: 04-120944 INC.
REVIEWED FOR:
S3 PLS ACS
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PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE
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ISSUE

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.	AP04-120944	
DRAWN BY:	SILLMAN	
CHECKED BY:	SILLMAN	
SCALE:	As indicated	
SUBMITTAL:	8/2/22	

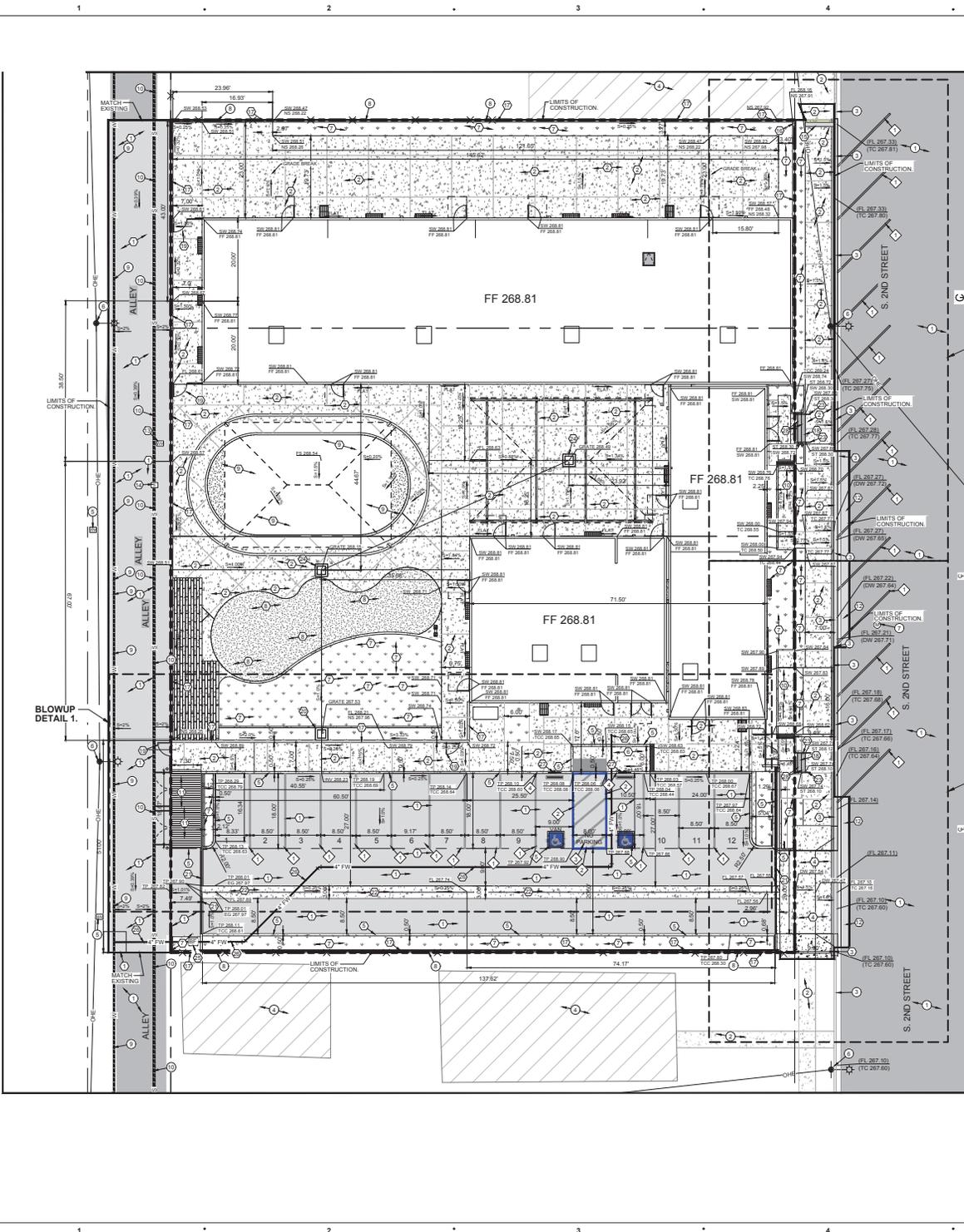
KEY PLAN

SHEET TITLE
EGRESS ANALYSIS

SHEET NUMBER
G005

1 EGRESS ANALYSIS PLAN

G005
SCALE: 1/8" = 1'-0"
REF: A107



- EXISTING KEYNOTES**
- 1 EXISTING A.C. PAVEMENT TO REMAIN.
 - 2 EXISTING SIDEWALK TO REMAIN.
 - 3 EXISTING CURB AND GUTTER TO REMAIN.
 - 4 EXISTING BUILDING TO REMAIN.
 - 5 EXISTING WATER MAIN TO REMAIN.
 - 6 EXISTING MONITORING WELL TO REMAIN.
 - 7 EXISTING FENCE TO REMAIN.
 - 8 EXISTING WATER MAIN TO REMAIN.
 - 9 EXISTING SEWER MAIN TO REMAIN.

- CONSTRUCTION KEYNOTES**
- 10 INSTALL 3-INCHES OF A.C. PAVEMENT OVER 8-INCHES OF CLASS 2 BASE COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
 - 11 INSTALL P.C.C. SIDEWALK PER CITY OF BLYTHE STANDARD DETAIL S-200C; SEE DETAIL A ON SHEET C-105.
 - 12 INSTALL SINK/CURB AND GUTTER PER CITY OF BLYTHE STANDARD DETAIL S-200B; SEE DETAIL B ON SHEET C-105.
 - 13 INSTALL NEW P.C.C. COMMERCIAL DRIVEWAY PER CITY OF BLYTHE STANDARD DETAIL S-200A; SEE DETAIL C ON SHEET C-105.
 - 14 INSTALL 8-INCH BARRIER CURB PER CITY OF BLYTHE STANDARD DETAIL S-200C; SEE DETAIL D ON SHEET C-105.
 - 15 INSTALL P.C.C. CURB/RAMP PER DETAIL F ON SHEET C-105.
 - 16 INSTALL LANDSCAPE AREA PER LANDSCAPE PLANS.
 - 17 INSTALL SAND/BOX ARCHITECTURAL PLANS.
 - 18 INSTALL RUBBER FLOORING AND PLAYGROUND PER LANDSCAPE PLANS.
 - 19 INSTALL P.C.C. ADA RAMP PER DETAIL F ON SHEET C-105.
 - 20 INSTALL TRASH ENCLOSURE PER ARCHITECTURAL DRAWINGS. SEE DETAILS ON SHEETS A02 AND A06.
 - 21 INSTALL 3-INCHES OF A.C. PAVEMENT OVER 8-INCHES OF CLASS 2 BASE COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
 - 22 INSTALL WATER SERVICE PER CITY OF BLYTHE STANDARD DETAIL V-500; SEE DETAIL H ON SHEET C-107.
 - 23 INSTALL SEWER SERVICE PER CITY OF BLYTHE STANDARD DETAIL S-407; SEE DETAIL I ON SHEET C-107.
 - 24 INSTALL UNDERWALK DRAIN PER CITY OF BLYTHE STANDARD DETAIL S-217; SEE DETAIL J ON SHEET C-107.
 - 25 CONTRACTOR TO CORE AN 8-INCH DIAMETER HOLE ON THE EXISTING MASONRY WALL. CONTRACTOR TO INSTALL A 6-INCH PVC PIPE CENTERED ON THE BLENDED CORNER MASONRY WALL PER DETAIL K ON SHEET C-107.
 - 26 INSTALL NEW 8-FOOT MASONRY WALL PER DETAIL 21 ON SHEET A108; SEE DETAIL Q ON SHEET 107.
 - 27 INSTALL STAIRS PER ARCHITECTURAL PLANS.
 - 28 INSTALL GATES PER ARCHITECTURAL PLANS.
 - 29 INSTALL STORM WATER SUSP RAMP PER DETAIL E ON SHEET 108.
 - 30 INSTALL ROLLING GATE PER ARCHITECTURAL PLANS.
 - 31 INSTALL RIBBON GUTTER PER CITY OF BLYTHE STANDARD DETAIL S-213; SEE DETAIL L ON SHEET C-107.
 - 32 INSTALL HANDRAILS PER CALIFORNIA BUILDING CODE 11B-204.6 AND 11B-505.
 - 33 INSTALL 24-INCH X 24-INCH STORM WATER INLET PER DETAIL E ON SHEET 7.
 - 34 INSTALL 4-INCH FIRE SERVICE LINE BACKFLOW PREVENTOR WITH FDC PER UTILITY PLAN SHEET C-103.
 - 35 INSTALL FIRE WATER PIPELINE PER UTILITY PLAN SHEET C-103.
 - 36 INSTALL ADA SIGN PER DETAIL 4 ON SHEET A104.
 - 37 3-INCH WIDE CONTRASTING STRIP PER DETAIL 10 ON SHEET A104.

- STRIPING KEYNOTES**
- 1 INSTALL 4-INCH WIDE WHITE STRIPING FOR PARKING STALLS.
 - 2 INSTALL 4-INCH WIDE BLUE STRIPING PER CALTRANS STANDARD PLANS A06A.
 - 3 INSTALL "NO PARKING" LEGEND PER CALTRANS STANDARD A06E. HATCH STRIPING SHALL NOT ENDOUCH INTO "NO PARKING" LEGEND.
 - 4 INSTALL BLUE PAINT ON CURB PER CALTRANS STANDARD PLANS A06B.
 - 5 INSTALL AN INTERNATIONAL SYMBOL OF ACCESSIBILITY (SA) BLUE SYMBOL PER CALTRANS STANDARDS A06C AND CALTRANS STANDARD PLANS A06A.

NOTE:
ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT PREPARED BY LANDMARK GEOENGINEERS AND GEOLOGISTS (L1) REPORT NO. LPE1061 DATED JUNE 15, 2021 AND ADDENDUM NO. 1 DATED DECEMBER 3, 2021.

SOIL PREPARATION:
THE NATIVE SOILS WITHIN THE MODULAR BUILDING AREA SHOULD BE REMOVED TO SUB-EXCAVATION LEVEL. THE SUB-EXCAVATION LEVEL IS APPROXIMATELY 2 TO 2.5 FEET BELOW THE EXISTING GRADE. FOOTINGS SHALL BE EXCAVATED INTO UNDISTURBED SOIL AT THE BOTTOM OF THE MODULAR DRIFT EXCAVATION. A MINIMUM OF 12 INCHES OF NATIVE SOIL THAT HAS BEEN MOISTURE CONDITIONED (2% BELOW TO 4% ABOVE OPTIMUM) AND RE-COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DENSITY (IF SAND) OR UNIFORM MOISTURE CONDITIONED TO 5 TO 10% ABOVE OPTIMUM MOISTURE CONTENT AND RE-COMPACTED TO 85 TO 90% OF THE MAXIMUM DENSITY (IF CLAYS) SHOULD UNDERLIE THE FOUNDATIONS.

FOUNDATIONS:
ALL FOOTINGS SHOULD BE EMBEDDED A MINIMUM OF 12 INCHES BELOW THE MODULAR BUILDING SUB-EXCAVATION PAD. INTERIOR AND EXTERIOR FOOTING EMBEDMENT DEPTHS LISTED HEREIN ARE MINIMUM DEPTHS AND ACTUAL DEPTHS AND WIDTHS SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER/DESIGNER. THE GRADE-BEAM WALL FOOTINGS MAY BE DESIGNED USING AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 POUNDS PER SQUARE FOOT FOR DEAD AND LIVE LOADS WHEN FOUNDATIONS ARE SUPPORTED ON REINFORCED STRUCTURAL FILL (EXTENDING A MINIMUM OF 10 FEET BELOW FOOTINGS).

A REINFORCED STRUCTURAL FILL WHICH SHOULD CONSIST OF A MINIMUM OF TWO LAYERS OF GEOTEXTILE REINFORCING. AFTER REMOVAL OF THE SUBGRADE SOIL TO A MINIMUM DEPTH OF 24 INCHES BELOW THE BOTTOM OF THE FOUNDATION, A LAYER OF GEOTEXTILE STABILIZATION/SEPARATION FABRIC SUCH AS MIRAFF R850R OR EQUIVALENT SHALL BE PLACED DIRECTLY ON THE BOTTOM OF THE EXCAVATION AFTER FINE GRADING OF THE SUBGRADE SOILS. THE GEOTEXTILE STABILIZATION/SEPARATION FABRIC SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (24-INCH END AND SIDE LAP). A SECOND LAYER SUCH AS TENSAR TX355 (OR EQUIVALENT) SHOULD THEN BE PLACED OVER THE GEOTEXTILE. THE GEOTEXTILE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (24-INCH END AND SIDE LAP).

AFTER PLACEMENT OF THE GEOTEXTILE SEPARATION FABRIC AND GEOTEXTILE 12 INCHES OF CALTRANS CLASS 2 AGGREGATE BASE SHALL BE EMB DUMPED ON THE GEOTEXTILE FABRIC/GEOTEXTILE AND SPREAD BY METHODS WHICH WILL AVOID DIRECT CONTACT WITH WHEELS ON THE FABRIC. THE AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY.

AFTER PLACEMENT AND COMPACTION OF THE 12-INCH LAYER AGGREGATE BASE MATERIAL, A SECOND GEOTEXTILE AND 12-INCH AGGREGATE BASE MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED ABOVE. SUBSEQUENT LAYERS OF NON-EXPANSIVE ENGINEERED FILL SOILS SHALL BE PLACED DIRECTLY OVER THE STABILIZATION AGGREGATE BASE LAYER AND COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY.

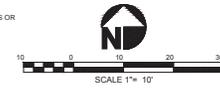
BUILDING PAD PREPARATION:
THE EXISTING SOILS SHOULD BE OVEREXCAVATED TO A MINIMUM DEPTH OF 3 FEET BELOW THE EXISTING GROUND SURFACE AND SHOULD EXTEND AT LEAST FIVE (5) FEET BEYOND ALL EXTERIOR WALL COLUMN LINES (INCLUDING COVERED AREAS ADJACENT TO THE BUILDING). AFTER THE REMOVAL, THE BOTTOM OF THE EXCAVATION SHOULD BE SCARIFIED TO A DEPTH OF 8 INCHES, MOISTURE CONDITIONED TO 2% BELOW TO 4% ABOVE OPTIMUM, AND RE-COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DENSITY (IF SAND) AND UNIFORM MOISTURE CONDITIONED TO 5 TO 10% ABOVE OPTIMUM MOISTURE CONTENT AND RE-COMPACTED TO 85 TO 90% OF THE MAXIMUM DENSITY (IF CLAYS).

IF WET AND/OR PUMPING CONDITIONS ARE ENCOUNTERED AT THE BOTTOM OF THE EXCAVATION, AN ADDITIONAL 12 INCHES OF SUBGRADE SOIL SHOULD BE REMOVED BELOW THE EXISTING EXCAVATION DEPTH. AFTER REMOVAL OF THE SUBGRADE SOIL, A LAYER OF GEOTEXTILE STABILIZATION/SEPARATION FABRIC SUCH AS MIRAFF R850R OR EQUIVALENT SHALL BE PLACED DIRECTLY ON THE BOTTOM OF THE EXCAVATION AFTER FINE GRADING OF THE SUBGRADE SOILS. THE GEOTEXTILE STABILIZATION/SEPARATION FABRIC SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (24-INCH END AND SIDE LAP).

AFTER PLACEMENT OF THE GEOTEXTILE STABILIZATION/SEPARATION FABRIC, 12 INCHES OF CALTRANS CLASS 2 AGGREGATE BASE SHALL BE EMB DUMPED ON THE GEOTEXTILE FABRIC AND SPREAD BY METHODS WHICH WILL AVOID DIRECT CONTACT WITH WHEELS ON THE FABRIC. THE AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY. SUBSEQUENT LAYERS OF NON-EXPANSIVE ENGINEERED FILL SOILS (3.0 FEET) SHALL BE PLACED DIRECTLY OVER THE STABILIZATION AGGREGATE BASE LAYER AND COMPACTED AS DESCRIBED IN SECTION 5.1.3.

OVEREXCAVATION BENEATH WALKWAYS AND NON-STRUCTURAL PLATFORMS MAY BE LIMITED TO A DEPTH OF 1 FOOT BELOW AND BEYOND THE LIMITS OF THE WALKWAYS.

DIVISION 32 - EXTERIOR IMPROVEMENTS
531313 PORTLAND CEMENT CONCRETE PAVING & CONCRETE FINISHES
PORTLAND CEMENT CONCRETE PAVING SHALL BE STABLE, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH CBC SECTIONS 11B-302 AND 11B-403.
(SHOW PLAN REVIEWER THE PERFORMANCE SPECIFICATIONS OR SAMPLES FOR DEMONSTRATION OF COMPLIANCE.)



CLIENT
PALM VERDE COLLEGE
141 S 2ND STREET
BLYTHE CA, 92225

PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE

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ROBERT K. HOLT, P.E. R.C.E. NO. 27943
08-01-02 03/31/24
DATE REG. EXP.

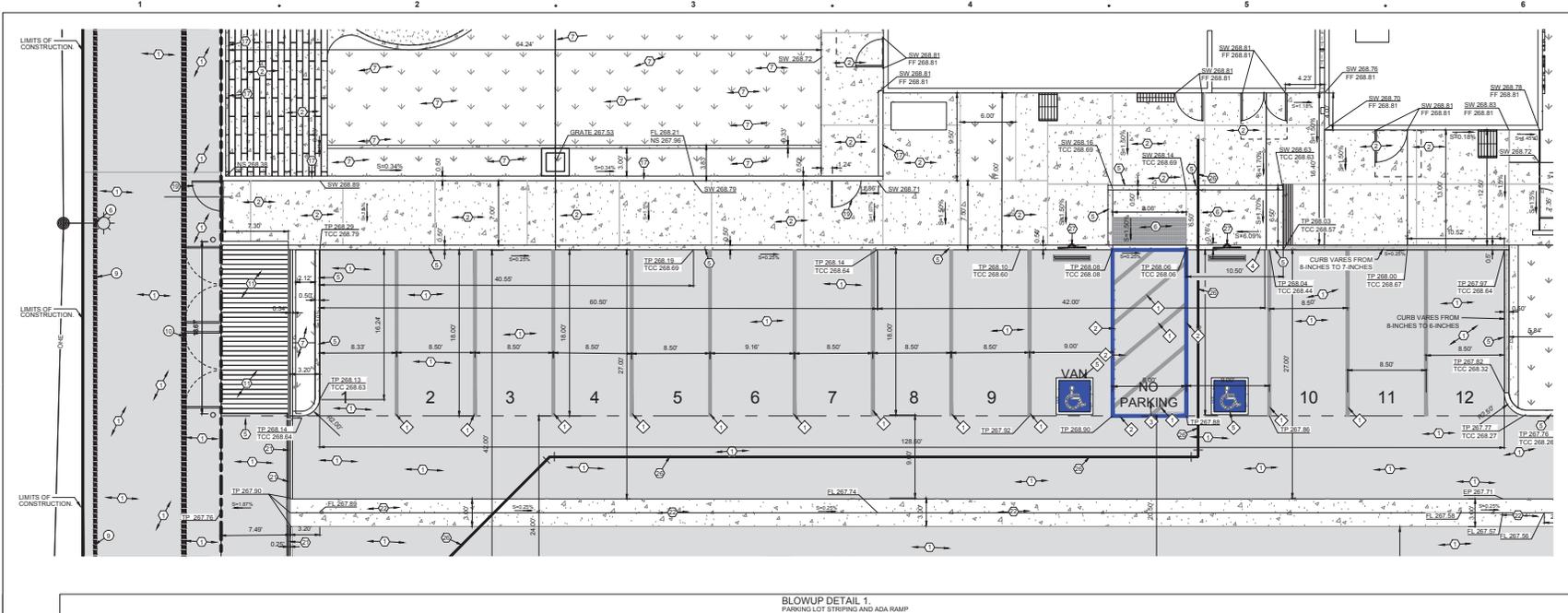
REGISTRATION STAMPS
Professional Engineer Seal for Robert K. Holt, P.E., State of California, License No. 27943.

AGENCY APPROVAL

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.		
DRAWN BY:	SILLMAN	
CHECKED BY:	SILLMAN	
SCALE:	1/8" = 1'-0"	
SUBMITTAL:	9/17/21	

KEY PLAN

SHEET TITLE
Sheet Name
GRADING IMPROVEMENT PLAN
3 OF 8 SHEETS
SHEET NUMBER
C-102



BLOWUP DETAIL 1.
PARKING LOT STRIPING AND ADA RAMP

- EXISTING KEYNOTES**
- ① EXISTING A.C. PAVEMENT TO REMAIN.
 - ② EXISTING SIDEWALK TO REMAIN.
 - ③ EXISTING CURBS AND GUTTER TO REMAIN.
 - ④ EXISTING BUILDING TO REMAIN.
 - ⑤ EXISTING WATER METER TO REMAIN.
 - ⑥ EXISTING POWER POLE WITH STREET LIGHT TO REMAIN.
 - ⑦ EXISTING MONITORING WELL TO REMAIN.
 - ⑧ EXISTING FENCE TO REMAIN.
 - ⑨ EXISTING WATER MAIN TO REMAIN.
 - ⑩ EXISTING SEWER MAIN TO REMAIN.

- CONSTRUCTION KEYNOTES**
1. INSTALL 3 INCHES OF A.C. PAVEMENT OVER 8 INCHES OF CLASS 2 BASE COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
 2. INSTALL P.C.C. SIDEWALK PER CITY OF BLYTHE STANDARD DETAIL S-206C. SEE DETAIL A ON SHEET C-106.
 3. INSTALL 4 INCH CURBS AND GUTTER PER CITY OF BLYTHE STANDARD DETAIL S-208. SEE DETAIL B ON SHEET C-106.
 4. INSTALL NEW P.C.C. COMMERCIAL DRIVEWAY PER CITY OF BLYTHE STANDARD DETAIL S-206A. SEE DETAIL C ON SHEET C-106.
 5. INSTALL 1 INCH BARRIER CURBS PER CITY OF BLYTHE STANDARD DETAIL S-208C. SEE DETAIL D ON SHEET C-106.
 6. INSTALL P.C.C. CURB RAMP PER DETAIL F ON SHEET C-106.
 7. INSTALL LANDSCAPE AREA PER LANDSCAPE PLANS.
 8. INSTALL SANDBOX ARCHITECTURAL PLANS.
 9. INSTALL RUBBER FLOORING AND PLAYGROUND PER LANDSCAPE PLANS.
 10. INSTALL P.C.C. ADA RAMP PER DETAIL F ON SHEET C-106.
 11. INSTALL TRASH ENCLOSURE PER ARCHITECTURAL DRAWINGS. SEE DETAILS ON SHEETS A10 AND A10B.
 12. INSTALL 3 INCHES OF A.C. PAVEMENT OVER 8 INCHES OF CLASS 2 BASE COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
 13. INSTALL WATER SERVICE PER CITY OF BLYTHE STANDARD DETAIL W-300. SEE DETAIL H ON SHEET C-107.
 14. INSTALL SEWER SERVICE PER CITY OF BLYTHE STANDARD DETAIL S-407. SEE DETAIL I ON SHEET C-107.
 15. INSTALL UNDERWALK DRAIN PER CITY OF BLYTHE STANDARD DETAIL S-217. SEE DETAIL J ON SHEET C-107.
 16. CONTRACTOR TO CORE AN 8 INCH DIAMETER HOLE ON THE EXISTING MASONRY WALL. CONTRACTOR TO CHECK BY INSTALL A 6 INCH PVC PIPE CENTERED ON THE 8 INCH CORED MASONRY WALL PER DETAIL K ON SHEET C-107.
 17. INSTALL NEW FOOT MASONRY WALL PER DETAIL N ON SHEET A10B. SEE DETAIL Q ON SHEET 107.
 18. INSTALL STAIRS PER ARCHITECTURAL PLANS.
 19. INSTALL GATES PER ARCHITECTURAL PLANS.
 20. INSTALL STORM WATER SUMP PUMP PER DETAIL E ON SHEET 106.
 21. INSTALL ROLLING GATE PER ARCHITECTURAL PLANS.
 22. INSTALL RUBBON GUTTER PER CITY OF BLYTHE STANDARD DETAIL S-213 SEE DETAIL L ON SHEET C-107.
 23. INSTALL HANDRAILS PER CALIFORNIA BUILDING CODE 11B-204.6 AND 11B-205.
 24. INSTALL 24-INCH X 24-INCH STORM WATER INLET PER DETAIL E ON SHEET 7.
 25. INSTALL 4 INCH FIRE SERVICE LINE BACKFLOW PREVENTOR WITH FDC PER 11B71 PLAN SHEET C-103.
 26. INSTALL FIRE WATER PIPELINE PER UTILITY PLAN SHEET C-103.
 27. INSTALL ADA SIGN PER DETAIL 4 ON SHEET A10A.
 28. 3 INCH WIDE CONTRASTING STRIP PER DETAIL 10 ON SHEET A10A.

- STRIPING KEYNOTES**
- ◆ INSTALL 4 INCH WIDE WHITE STRIPING FOR PARKING STALLS.
 - ◆ INSTALL 4 INCH WIDE BLUE STRIPING PER CALTRANS STANDARD PLANS A90A.
 - ◆ INSTALL "NO PARKING" LEGEND PER CALTRANS STANDARD A90A. HATCH STRIPING SHALL NOT ENCRUGH INTO "NO PARKING" LEGEND.
 - ◆ INSTALL BLUE PAINT ON CURB PER CALTRANS STANDARD PLANS A90B.
 - ◆ INSTALL AN INTERNATIONAL SYMBOL OF ACCESSIBILITY (HAI) BLUE SYMBOL PER CALTRANS STANDARD A90C AND CALTRANS STANDARD PLANS A90A.

NOTE.
ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT PREPARED BY GEOTECHNICAL ENGINEERS AND GEOLOGISTS LC REPORT NO. LP21061 DATED JUNE 15, 2021 AND ADDENDUM NO. 1 DATED DECEMBER 3, 2021.

SITE PREPARATION
THE NATIVE SOILS WITHIN THE MODULAR BUILDING AREA SHOULD BE REMOVED TO SUB-EXCAVATION LEVEL. THE SUB-EXCAVATION LEVEL IS APPROXIMATELY 2 TO 2.5 FEET BELOW THE EXISTING GRADE. FOOTINGS SHALL BE EXCAVATED INTO UNDISTURBED SOIL AT THE BOTTOM OF THE MODULAR UNIT EXCAVATION. A MINIMUM OF 12 INCHES OF NATIVE SOIL THAT HAVE BEEN MOISTURE CONDITIONED ON BELLY TO 4% ABOVE OPTIMUM AND RE-COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DENSITY (IF SAND) OR UNIFORM MOISTURE CONDITIONED TO 5 TO 10% ABOVE OPTIMUM MOISTURE CONTENT AND RE-COMPACTED TO 85 TO 90% OF THE MAXIMUM DENSITY (IF CLAYS) SHOULD UNDERLIE THE FOUNDATIONS.

FOUNDATIONS
ALL FOOTINGS SHOULD BE EMBEDDED A MINIMUM OF 12 INCHES BELOW THE MODULAR BUILDING SUB-EXCAVATION PAD. INTERIOR AND EXTERIOR FOOTING EMBEDMENT DEPTHS LISTED HEREIN ARE MINIMUM OPTIMUM AND ACTUAL DEPTHS WHICH SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER/DESIGNER. THE GRADE BEAM WALL FOOTINGS MAY BE DESIGNED USING AN ALLOWABLE SOIL BEARING PRESSURE OF 2,500 POUNDS PER SQUARE FOOT FOR DEAD AND LIVE LOADS WHEN FOUNDATIONS ARE SUPPORTED ON REINFORCED STRUCTURAL FILL (EXTENDING A MINIMUM OF 1.0 FEET BELOW FOOTINGS).

A REINFORCED STRUCTURAL FILL WHICH SHOULD CONSIST OF TWO LAYERS OF GEOTEXTILE REINFORCING. AFTER REMOVAL OF THE SUBGRADE SOIL TO A MINIMUM DEPTH OF 24 INCHES BELOW THE BOTTOM OF THE FOUNDATION, A LAYER OF GEOTEXTILE STABILIZATION/SEPARATION FABRIC SUCH AS MIRAFIB R9000 OR EQUIVALENT SHALL BE PLACED DIRECTLY ON THE BOTTOM OF THE EXCAVATION AFTER FINE GRADING OF THE SUBGRADE SOILS. THE GEOTEXTILE STABILIZATION/SEPARATION FABRIC SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (24-INCH END AND SIDE LAP). A SECOND LAYER SUCH AS TENSAR TX300S OR EQUIVALENT SHOULD THEN BE PLACED OVER THE GEOTEXTILE. THE GEOTEXTILE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (24-INCH END AND SIDE LAP).

AFTER PLACEMENT OF THE GEOTEXTILE SEPARATION FABRIC AND GEOTEXTILE, 12 INCHES OF CALTRANS CLASS 2 AGGREGATE BASE SHALL BE END DUMPED ON THE GEOTEXTILE FABRIC AND SPREAD BY METHODS WHICH WILL AVOID DIRECT CONTACT WITH WHEELS ON THE FABRIC. THE AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM DRY DENSITY OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY.

AFTER PLACEMENT AND COMPACTION OF THE 12 INCH LAYER AGGREGATE BASE MATERIAL, A SECOND GEOTEXTILE LAYER AND 12 INCH AGGREGATE BASE MATERIAL SHALL BE PLACED AND COMPACTED AS SPECIFIED ABOVE. SUBSEQUENT LAYERS OF NON-EXPANSIVE ENGINEERED FILL SOILS SHALL BE PLACED DIRECTLY OVER THE STABILIZATION AGGREGATE BASE LAYER AND COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY.

BUILDING PAD PREPARATION
THE EXISTING SOILS SHOULD BE OVEREXCAVATED TO A MINIMUM DEPTH OF 3 FEET BELOW THE EXISTING GROUND SURFACE AND SHOULD EXTEND AT LEAST FIVE (5) FEET BEYOND ALL EXTERIOR WALL/COLUMN LINES (INCLUDING AREAS ADJACENT TO THE BUILDING). AFTER THE REMOVAL, THE BOTTOM OF THE EXCAVATION SHOULD BE SCARIFIED TO A DEPTH OF 8 INCHES. MOISTURE CONDITIONED TO A MINIMUM OF 4% ABOVE OPTIMUM AND RE-COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DENSITY (IF SAND) AND UNIFORM MOISTURE CONDITIONED TO 5 TO 10% ABOVE OPTIMUM MOISTURE CONTENT AND RE-COMPACTED TO 85 TO 90% OF THE MAXIMUM DENSITY (IF CLAYS).

IF WET AND/OR PUMPING CONDITIONS ARE ENCOUNTERED AT THE BOTTOM OF THE EXCAVATION, AN ADDITIONAL 3 INCHES OF SUBGRADE SOIL SHOULD BE REMOVED BELOW THE EXISTING EXCAVATION DEPTH. AFTER REMOVAL OF THE SUBGRADE SOIL, A LAYER OF GEOTEXTILE STABILIZATION/SEPARATION FABRIC SUCH AS MIRAFIB R9000 OR EQUIVALENT SHALL BE PLACED DIRECTLY ON THE BOTTOM OF THE EXCAVATION AFTER FINE GRADING OF THE SUBGRADE SOILS. THE GEOTEXTILE STABILIZATION/SEPARATION FABRIC SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS (24-INCH END AND SIDE LAP). AFTER PLACEMENT OF THE GEOTEXTILE STABILIZATION/SEPARATION FABRIC, 12 INCHES OF CALTRANS CLASS 2 AGGREGATE BASE SHALL BE END DUMPED ON THE GEOTEXTILE FABRIC AND SPREAD BY METHODS WHICH WILL AVOID DIRECT CONTACT WITH WHEELS ON THE FABRIC. THE AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 90% OF ASTM D1557 MAXIMUM DRY DENSITY. SUBSEQUENT LAYERS OF NON-EXPANSIVE ENGINEERED FILL SOILS (2.0 FEET) SHALL BE PLACED DIRECTLY OVER THE STABILIZATION AGGREGATE BASE LAYER AND COMPACTED AS DESCRIBED IN SECTION 5.1.3.

DIVISION 32 - EXTERIOR IMPROVEMENTS
321313 PORTLAND CEMENT CONCRETE PAVING & CONCRETE FINISHES
• PORTLAND CEMENT CONCRETE PAVING SHALL BE CLASS B, FIRM, AND SLIP RESISTANT AND SHALL COMPLY WITH CBC SECTIONS 11B-302 AND 11B-403.



BLOWUP DETAIL

CLIENT

IDENTIFICATION STAMP
OF THE STATE ARCHITECT
PALM
APP. 04-120944 INC.
REVIEWED FOR
S3 PLS 03 ACS 03
DATE: 01/20/2022

PROJECT NAME
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PREPARED UNDER THE DIRECT SUPERVISION OF

ROBERT K. HOLT, P.E. 27943
R.C.E. NO. 08-01-22 0313124
DATE REG. EXP.

REGISTRATION STAMPS



AGENCY APPROVAL

ISSUE

MARK DATE DESCRIPTION

DESIGNER PROJ. NO.
DRAWN BY: SILLMAN
CHECKED BY: SILLMAN
SCALE: 1/8" = 1'-0"
SUBMITTAL: 9/11/21

KEY PLAN

SHEET TITLE

Sheet Name
BLOWUP DETAIL

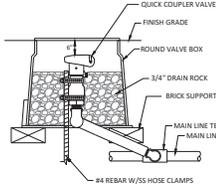
5 OF 8 SHEETS

SHEET NUMBER

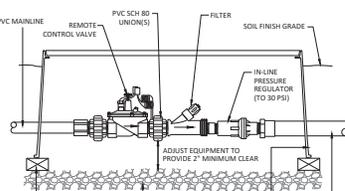
C-104

IRRIGATION NOTES

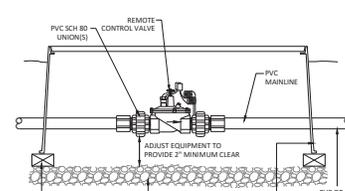
- THESE PLANS ARE DIAGRAMMATIC. ALL EQUIPMENT SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARITY ONLY AND SHALL BE INSTALLED IN PLANTING AREAS.
- IRRIGATION CONTRACTOR SHALL FLUSH ALL LINES FOR MAXIMUM SYSTEM PERFORMANCE BEFORE AND AFTER EMITTER INSTALLATION.
- THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE PROJECT SPECIFICATIONS PRIOR TO BIDDING. THE PROJECT SPECIFICATIONS ARE PART OF THESE PLANS AND SHALL BE CONSULTED BY THE IRRIGATION CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE WORK AS SPECIFIED IN THE SPECIFICATIONS AND AS SHOWN ON THE PLANS (IF APPLICABLE).
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN THE PLANS AND/OR SPECIFICATIONS PRIOR TO BEGINNING WORK.
- SUBSTITUTIONS, DELETIONS OR CHANGES TO THE PLANS OR SPECIFICATIONS SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF LANDSCAPE ARCHITECT.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL CODES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO THE START OF WORK.
- THE IRRIGATION PLAN IS SCHEMATIC IN NATURE. THE CONTRACTOR SHALL MAKE ADJUSTMENTS AS NECESSARY BASED ON ACTUAL FIELD CONDITIONS TO GUARANTEE ADEQUATE IRRIGATION COVERAGE TO ALL PLANT MATERIAL.
- EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE. TRENCHING WITHIN DRIP LINES OF TREES AND SHRUBS TO REMAIN SHALL BE DONE BY HAND. DAMAGE TO EXISTING TREE AND/OR PLANT MATERIAL TO REMAIN SHALL BE REPAIRED BY THE CONTRACTOR IN KIND AND AT NO ADDITIONAL COST TO THE OWNER.
- THE IRRIGATION CONTROLLER SHALL BE WIRED DIRECTLY TO A 110 VOLT POWER SOURCE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE CONTROLLER WIRING TO THE POWER SOURCE. THE INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL ORDINANCES THAT APPLY.
- THE FINAL LOCATION OF THE IRRIGATION CONTROLLER SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
- ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE SPECIFIED.
- SCHEDULE 40 PVC PIPE SLEEVING (2X THE SIZE OF PIPE TO BE SLEWED) IS REQUIRED FOR ALL IRRIGATION LINES THAT RUN UNDER HARDSCAPE. IRRIGATION CONTRACTOR IS RESPONSIBLE TO COORDINATE PLACEMENT OF SLEEVING PRIOR TO PAVING OPERATIONS.
- THREADED PLASTIC PIPE JOINTING: DO NOT USE SOLVENT CEMENT ON THREADED JOINTS, WRAP MALE PLASTIC THREADED JOINTS WITH TEFLON TAPE.
- IRRIGATION VALVE BOXES SHALL BE NOS 10" ROUND WITH GREEN OR BLACK COVER, 13"X20" OR 14"X18" PRO SERIES RECTANGULAR VALVE BOXES. SIZE OF BOX TO BE SELECTED TO ACCOMMODATE EASE OF ACCESS AND FUTURE MAINTENANCE OF VALVES. SEE IRRIGATION DETAILS FOR ADDITIONAL INFORMATION.
- AS BUILT OR RECORD DRAWINGS SHALL BE INCLUDED WITH THE PROJECT COMPLETION AND CERTIFICATION.
- A COLOR CODED AND LAMINATED DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES (MINIMUM SIZE TO BE 11"X17").
- IRRIGATION CONTRACTOR RESPONSIBLE TO ADJUST/TUNE THE IRRIGATION INSTALLATION TO ELIMINATE OVERSPRAY ONTO SIDEWALKS OR DRIVEWAYS.



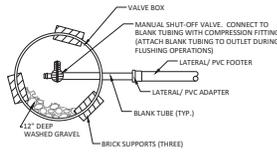
A- QUICK COUPLER
NTS



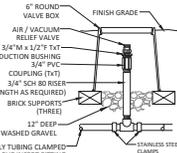
B-REMOTE CONTROL VALVE (DRIP ZONES)
NTS



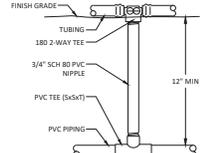
C-REMOTE CONTROL VALVE (BUBBLER ZONES)
NTS



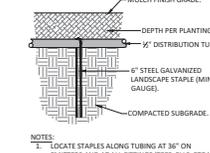
D- LINE FLUSH VALVE
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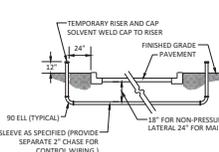
E- AIR/VACUUM RELIEF
NTS



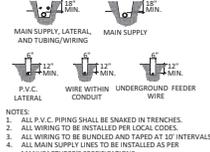
F- STARTER CONNECTION
NTS



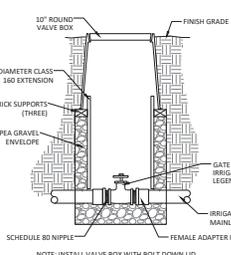
G-DRIPTUBE STAPLE
NTS



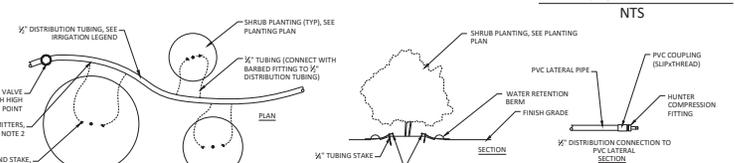
H- SLEEVE INSTALLATION
NTS



I- TRENCHING
NTS



J- GATE VALVE
NTS



K- POINT SOURCE DRIP TUBE LAYOUT
NTS

AGENCY APPROVAL

IDENTIFICATION STAMP
OF THE STATE ARCHITECT
APP. 04-120944 INC.
REVIEWED FOR
SD PLS ACS
DATE: 08/28/2022

PROJECT NAME
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ISSUE

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.	A	04-120944
DRAWN BY:		STAFF
CHECKED BY:		MS
SCALE:		AS NOTED
SUBMITTAL:	7/27/22	

KEY PLAN

SHEET TITLE
IRRIGATION NOTES AND DETAILS

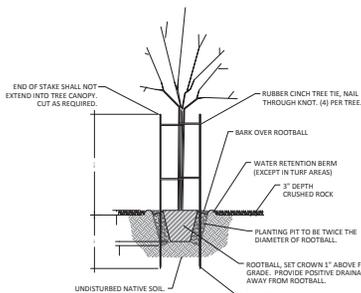
SHEET NUMBER
L2

PLANTING NOTES

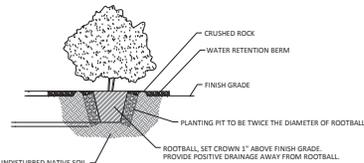
- PLANTING SHALL CONFORM TO LOCAL REQUIREMENTS FOR LANDSCAPE SITE DEVELOPMENT.
 - PROVIDE MINIMUM SLOPE OF 1/2% FOR POSITIVE DRAINAGE AWAY FROM CENTER IN ALL PLANTED AREAS.
 - THE PLANT QUANTITIES SHOWN ON THE DRAWINGS ARE INFORMATIONAL ONLY. THE CONTRACTOR IS RESPONSIBLE FOR FINAL QUANTITIES REQUIRED TO COMPLETE THE WORK. IN CASE OF DISCREPANCY, THE PLAN SHALL GOVERN.
 - ALL TREES SHALL BE PLANTED A MINIMUM OF 5' FROM UNDERGROUND UTILITIES.
 - ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. DO NOT STORE CONSTRUCTION EQUIPMENT BELOW THE CANOPY OF ANY TREES TO REMAIN. DAMAGE TO ANY EXISTING TREES OR PLANT MATERIAL TO REMAIN SHALL BE REPLACED BACK TO ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
 - IMMEDIATELY AFTER AWARD OF CONTRACT, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IF SPECIFIED PLANT MATERIAL IS AVAILABLE FROM COMMERCIAL NURSERIES. IN THE EVENT THAT A PLANT IS NOT AVAILABLE, THE CONTRACTOR SHALL PROVIDE ALTERNATE PLANT MATERIAL SELECTIONS COMPARABLE TO THE ORIGINAL SPECIFIED SPECIES. SUCH CHANGES WILL NOT ALTER THE CONTRACTOR'S ORIGINAL BID PRICE UNLESS A CREDIT IS DUE TO THE OWNER. CONTRACTOR TO SOURCE MULTIPLE NURSERIES WHEN ORDERING PLANT MATERIAL.
 - THE CONTRACTOR SHALL INSURE THAT ALL EXCAVATED PLANT PITS HAVE POSITIVE DRAINAGE. PLANT PITS SHALL BE FULLY FILLED WITH WATER AND SHALL DRAIN WITHIN ONE (1) HOUR OF FILLING. THE CONTRACTOR SHALL EXCAVATE THROUGH ANY IMPERVIOUS LAYER IF ENCOUNTERED.
 - ALL PLANT MATERIAL SHALL COMPLY WITH ANSI Z601 'STANDARD FOR NURSERY STOCK' AND MEET THE MINIMUM SIZES:
- | SHRUBS/GROUNDCOVER | | TREES | |
|--------------------|--------|--------|------------------|
| HEIGHT | SPREAD | HEIGHT | SPREAD / CALIBER |
| 1 GAL | 9-11" | 6-8" | 15 GAL |
| 5 GAL | 15-24" | 15-20" | 8'-11" |
| 15 GAL | 36-42" | 36-42" | 30-36" |
| | | | 1" - 1 1/4" |
- TREE ROOTS SHALL BE VISUALLY INSPECTED IN CONTAINERS PRIOR TO PLANTING. CONTRACTOR SHALL CONFIRM THAT NO CIRCUING ROOTS ARE LOCATED WITHIN THE TOP SOIL OF THE CONTAINERS.
 - ROOT BARRIERS SHALL BE PROVIDED FOR ALL TREES WITHIN 12" OF ANY CURB AND/OR HARDSCAPE PAVEMENT.
 - PLANTER AREAS (AND/OR AREAS NOTED) SHALL RECEIVE A 2" LAYER OF CRUSHED ROCK TO COVER BARE SOIL. ROCK SHALL BE LOCALLY AVAILABLE AND BE A SIZE RANGE OF 1" TO 3/4" MINUS, NO FINES. BARK MULCH SHALL NOT BE USED IN PLANTER AREAS.
 - INSTALL WEED MAT BELOW ALL CRUSHED ROCK WITH THE EXCEPTION OF HYDROSEED OR LAWN AREAS (AS APPLICABLE).
 - THE CONTRACTOR SHALL PROVIDE A SOIL REPORT PREPARED BY A QUALIFIED SOILS SPECIALIST AND SUBMIT TO THE OWNER FOR FINAL APPROVAL. SOIL SAMPLES SHALL BE COLLECTED AFTER ROUGH GRADING OPERATIONS AND PRIOR TO THE INSTALLATION OF PLANT MATERIAL. SOIL SAMPLES SHALL BE SUFFICIENTLY NUMEROUS TO ACCOUNT FOR ANY SOIL VARIATIONS THAT MAY BE PRESENT ON THE SITE. THE FOLLOWING MINIMUM ITEMS SHALL BE INCLUDED IN THE ANALYSIS:
 - INFILTRATION RATE.
 - SOIL TEXTURE.
 - CATION EXCHANGE CAPACITY.
 - SOIL FERTILITY INCLUDING TESTS FOR NITROGEN, POTASSIUM, PHOSPHOROUS, PH, ORGANIC MATTER AND SPECIFIC CONDUCTANCE (E.C.).
 - PRIOR TO PLANTING, SOIL AMENDMENTS SHALL BE ADDED PER RECOMMENDATIONS OF THE SOILS REPORT. REPORT AND AMENDMENTS SHOWN ON THE PLAN ARE FOR BIDDING INFORMATION ONLY. CONTRACTOR SHALL ACCOUNT FOR SOIL AMENDMENTS IN FINAL BID. THE RESULTS OF THE SOILS TESTS THE CONTRACTOR PERFORMS SHALL DETERMINE ACTUAL AMENDMENTS TO BE INSTALLED AND SHALL NOT ALTER FINAL BID TO OWNER.
 - ANY LAWN AREAS SHALL BE BID AS SOD UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL MAKE SCHEDULING PROVISIONS TO ASSURE THAT ALL SOD IS INSTALLED PRIOR TO OCTOBER 31. ANY LAWN INSTALLED AFTER OCTOBER 31 SHALL BE SUBJECT TO AN EXTENDED ESTABLISHMENT PERIOD (MINIMUM 6 MONTHS) TO GUARANTEE PROPER ESTABLISHMENT.
 - SOD AREAS TO BE PREPARED WITH A MIN. 2" AMENDMENT (IF APPLICABLE). AMENDMENTS TO BE INSTALLED PER THE RECOMMENDATIONS OF THE SOILS REPORT.
 - CONTRACTOR RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AT ALL TIMES. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE ALL MEASURES ARE FUNCTIONING PROPERLY.
 - ALL AREAS THAT ARE EXPOSED SHALL BE PLANTED WITH HYDROSEED MIX. NO AREAS SHALL BE LEFT EXPOSED DURING THE WINTER MONTHS. EXPOSED SURFACES SHALL HAVE EROSION CONTROL MEASURES IN PLACE PRIOR TO OCTOBER 1.
 - ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS, HARDSCAPES, SIDEWALKS OR OTHER NON-PLANTER AREAS SHALL BE SWEEP AT THE END OF EACH WORKING DAY.
 - CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE CIVIL EROSION CONTROL PLAN AND/OR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ADDITION TO THESE MINIMUM REQUIREMENTS (AS APPLICABLE).
 - ALL PLANTER AREAS TO BE FREE FROM DEBRIS, TRASH, CONSTRUCTION MATERIAL, WOOD, ETC. WITHIN THE TOP 6" OF THE SOIL SHALL BE FREE FROM STONES GREATER THAN 1" IN DIAMETER WITHIN THE TOP 6" OF SOIL PROFILE.

PLANT LEGEND

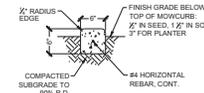
SYM	BOTANICAL/COMMON NAME	SIZE	QTY	WATER USE	REMARKS
TREES					
	CHILOPSIS LINEARIS/ DESERT WILLOW	15 GAL	8	LOW	STANDARD
	PARKINSONIA ACULEATA/ MEXICAN PALO VERDE	15 GAL	10	LOW	STANDARD
SHRUBS/ GROUNDCOVER					
	ACHILLEA MILLEFOLIUM/ YARROW	1 GAL	166	LOW	
	HESPERALOE PARVIFLORA/ RED YUCCA	1 GAL	35	LOW	
	MULLENBERGIA CAPILLARIS 'REGAL MIST'	1 GAL	17	LOW	
	PINK MUHLY GRASS				



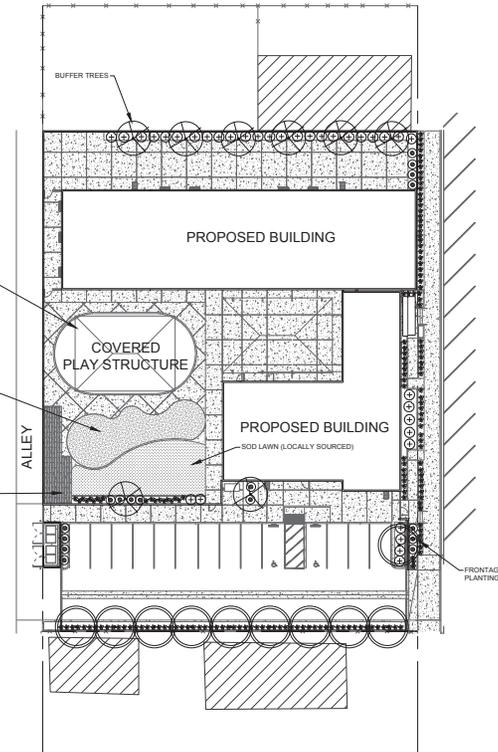
A - TREE PLANTING DETAIL
NTS



B - SHRUB PLANTING DETAIL
NTS



- NOTES**
- MOWSTRIP SHALL BE FINISHED WITH A MEDIUM BROOM FINISH.
 - INSTALL FIBER EXPANSION JOINTS AT 20' O.C. SPACING AND ADJUNCT TO HARDSCAPE PAVING. SCORE JOINTS SHALL BE PLACED AT 10' O.C.
 - DO NOT INSTALL EXTRUDED CURBING.



PARKING AREA SHADE CALCULATIONS
PARKING SPACES: 4747 SQUARE FEET
TREE SHADE: 2140 SQUARE FEET
TOTAL SHADE PERCENTAGE: 52%



AGENCY APPROVAL



PROJECT NAME

PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE
141 S 2ND STREET
BLYTHE CA, 92225

BUILDER

DESIGN CONSULTANT

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MSLA
LANDSCAPE ARCHITECTURE, Inc.
300 Canyon Falls Dr., Folsom, CA 95630
916.889.3174 www.mslanarch.com

REGISTRATION STAMPS



CLIENT

PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE

ISSUE

MARK DATE DESCRIPTION

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.	A	04-120944
DRAWN BY:		STAFF
CHECKED BY:		MS
SCALE:		AS NOTED
SUBMITTAL:		7/27/22

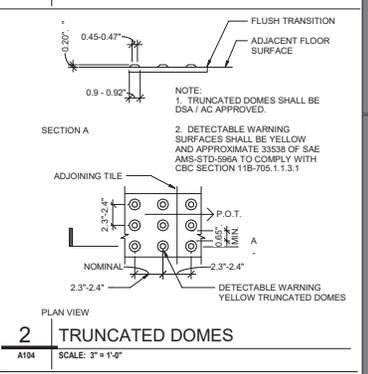
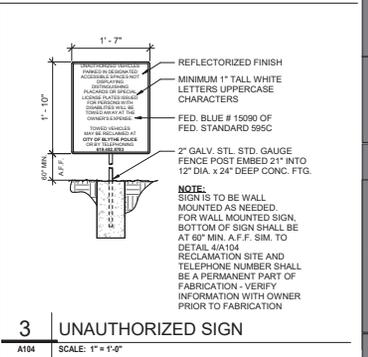
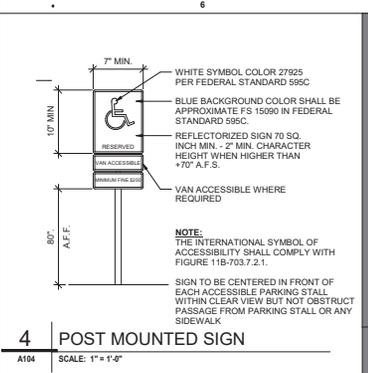
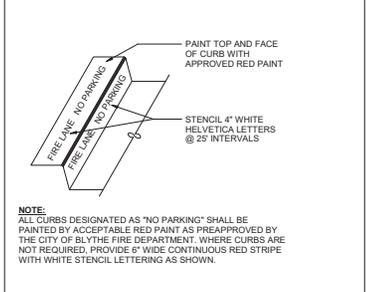
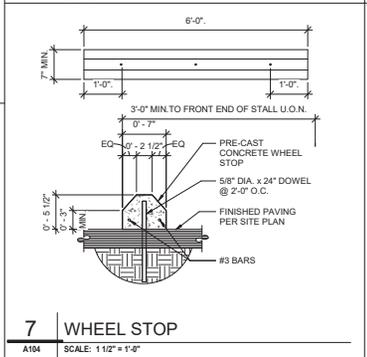
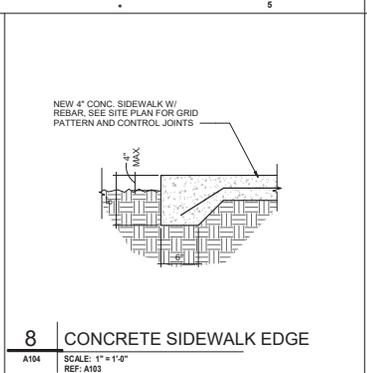
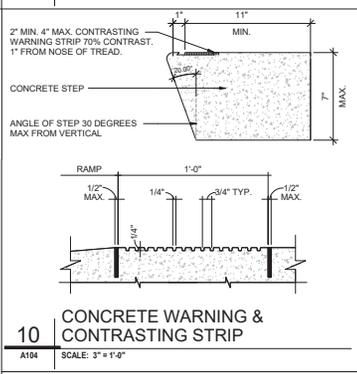
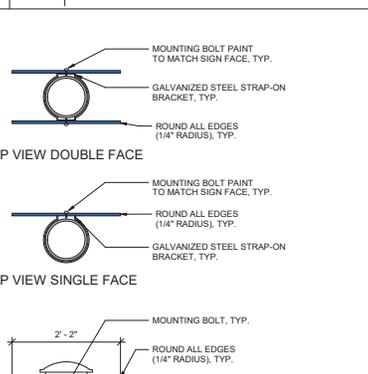
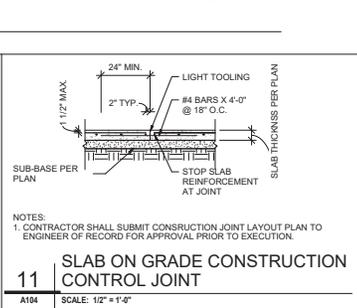
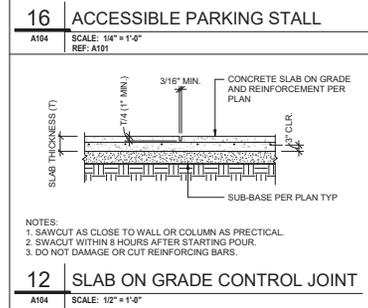
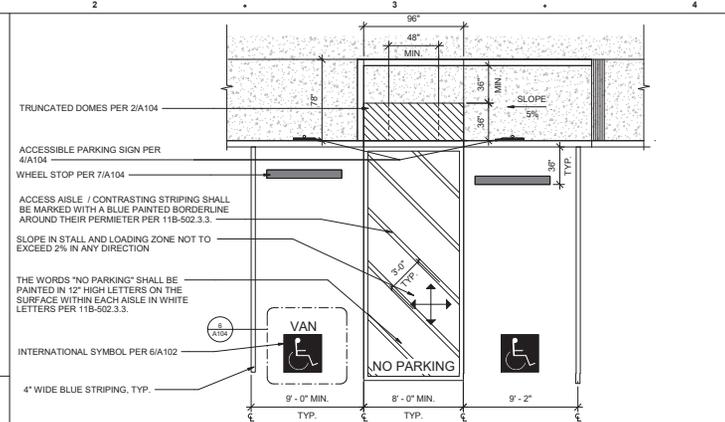
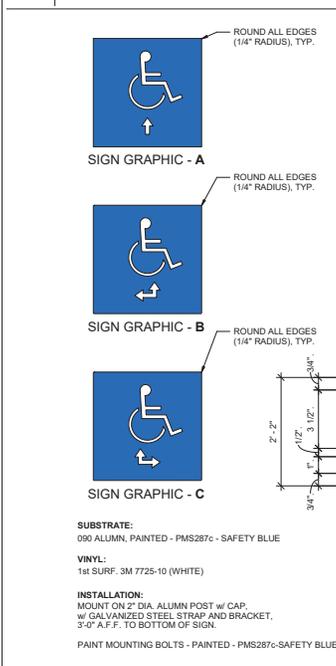
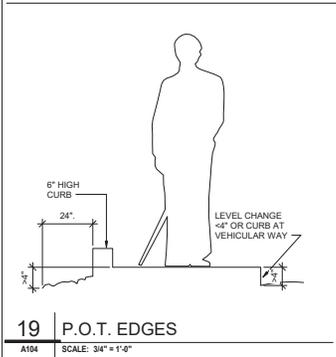
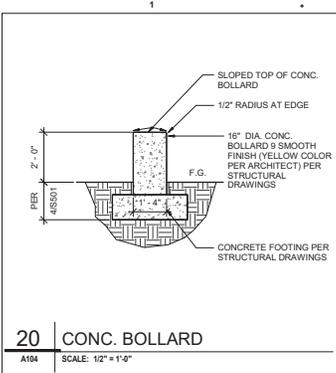
KEY PLAN

SHEET TITLE

PLANTING PLAN

SHEET NUMBER

L4



AGENCY APPROVAL

IDENTIFICATION STAMP
OF THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR:
S3 PLS AS
DATE: 08/20/2022

PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE
141 S 2ND STREET
BLYTHE CA 92225

BUILDER

DESIGN CONSULTANT
SILLMAN
7515 Metropolitan Dr. Suite 400
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REGISTRATION STAMPS

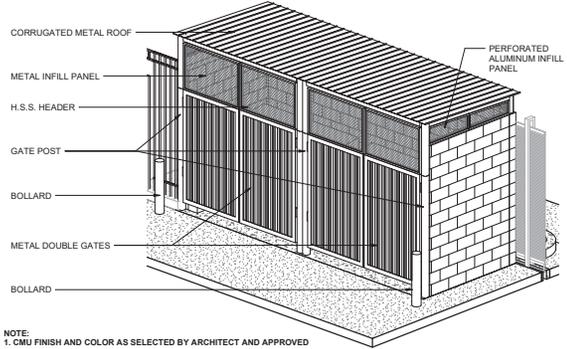
CLIENT
PALO VERDE COLLEGE
www.palo-verde-college.edu

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.		AP04-120944
DRAWN BY:		SILLMAN
CHECKED BY:		SILLMAN
SCALE:		As indicated
SUBMITTAL:		8/2/22

KEY PLAN

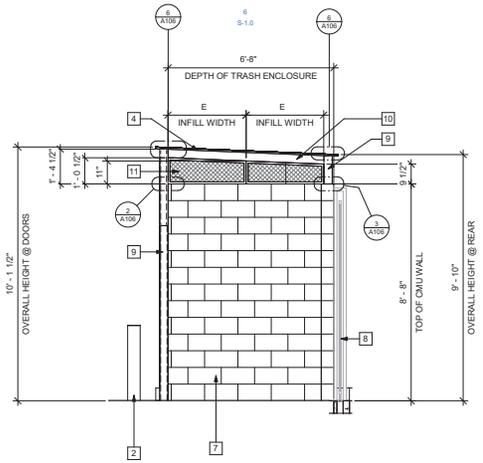
SHEET TITLE
SITE DETAILS

SHEET NUMBER
A104

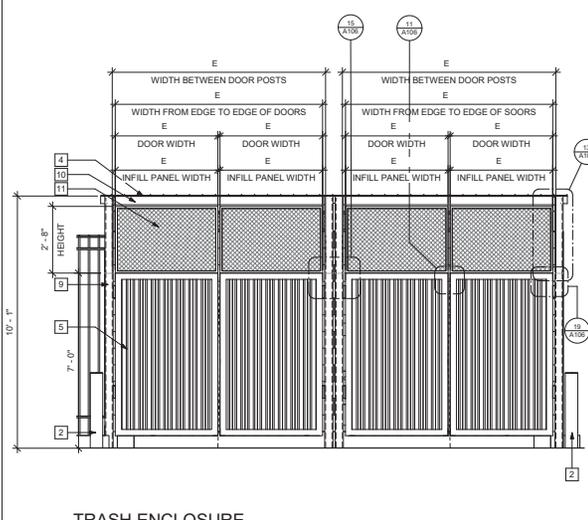


NOTE:
1. CMU FINISH AND COLOR AS SELECTED BY ARCHITECT AND APPROVED BY DISTRICT
2. EXPOSED METAL COLORS AS SELECTED BY ARCHITECT AND APPROVED BY DISTRICT

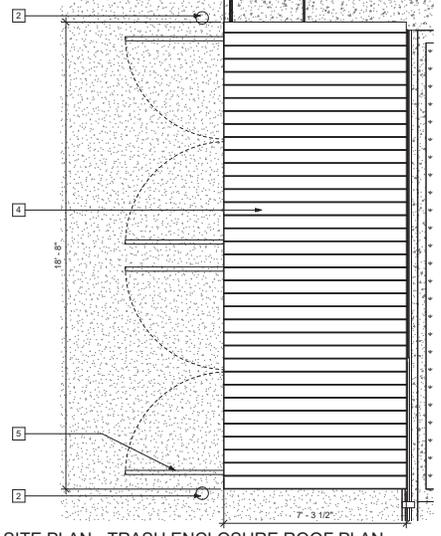
19 TRASH ENCLOSURE - AXON VIEW
A105 SCALE: 1/2" = 1'-0"



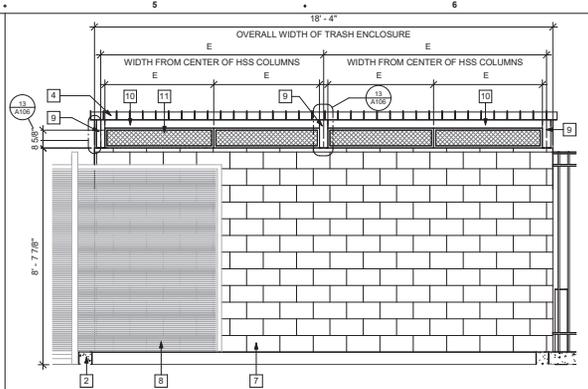
14 SIDE ELEVATION - TRASH ENCLOSURE
A105 SCALE: 1/2" = 1'-0"
REF: A105



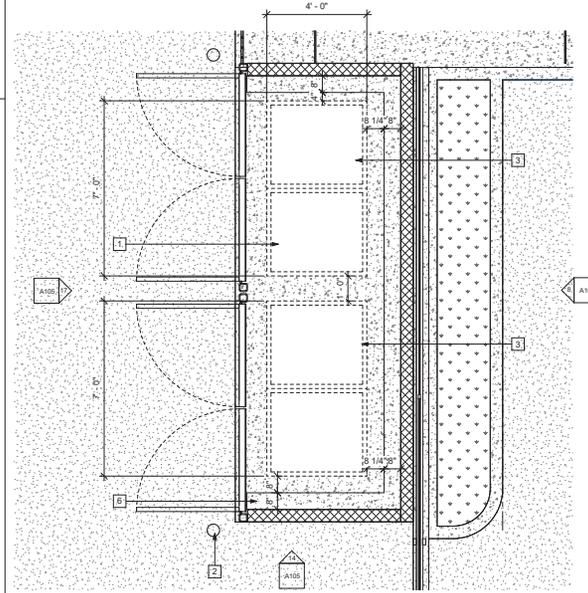
17 TRASH ENCLOSURE - FRONT VIEW
A105 SCALE: 1/2" = 1'-0"



12 ENLARGED SITE PLAN - TRASH ENCLOSURE ROOF PLAN
A105 SCALE: 1/2" = 1'-0"



8 REAR ELEVATION - TRASH ENCLOSURE
A105 SCALE: 1/2" = 1'-0"
REF: A105



5 ENLARGED SITE PLAN - TRASH ENCLOSURE
A105 SCALE: 1/2" = 1'-0"
REF: A105

GENERAL NOTES

A. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

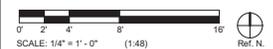
LEGEND

KEYNOTES

- 1 TRASH ENCLOSURE
- 2 CONCRETE BOLLARDS, REFER TO DETAIL 20/A104
- 3 TRASH BINS, N.I.C.
- 4 CORRUGATED METAL DECK ROOF, REFER TO STRUCTURAL DRAWINGS FOR ADDL. INFOR.
- 5 PAINTED METAL TRASH ENCLOSURE DOOR
- 6 CONCRETE FOOTING
- 7 CONCRETE MASONRY WALL, 8" TH., 8'-8" H.
- 8 MOTORIZED ROLLING VEHICLE GATE, REFER TO SHEET A109
- 9 H.S.S. COLUMN, PAINTED TO MATCH ADJACENT INFILL PANELS, REFER TO STRUCTURAL ROOF FRAMING PLAN - TRASH ENCLOSURE
- 10 H.S.S. HEADER, PAINTED TO MATCH ADJACENT INFILL PANELS, REFER TO STRUCTURAL ROOF FRAMING PLAN - TRASH ENCLOSURE
- 11 PERFORATED ALUMINUM INFILL PANEL, MIN. 14 GAUGE, WITH 30 - 50% OPEN AREA, PAINTED TO MATCH TRASH ENCLOSURE DOORS, REFER TO DETAIL 13/A106

KEYPLAN

GRAPHIC SCALE



AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-120944 INC.
REVIEWED FOR
S3 PLS ACS
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PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER BLYTHE
141 S 2ND STREET
BLYTHE CA. 92225

BUILDER

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DESIGN CONSULTANT

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www.paloverdecollege.edu

ISSUE

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.	A105	A104-120944
DRAWN BY:	SILLMAN	
CHECKED BY:	SILLMAN	
SCALE:	As indicated	
SUBMITTAL:	8/2/22	

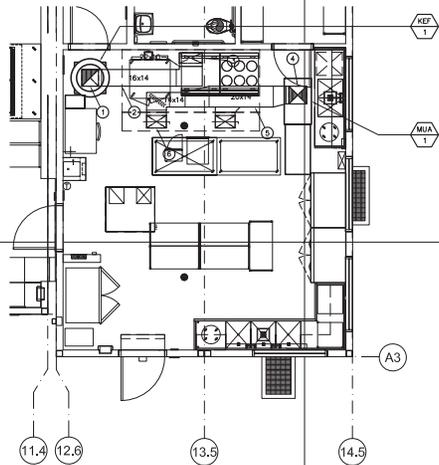
KEY PLAN

SHEET TITLE

ENLARGED SITE PLAN - TRASH ENCLOSURE

SHEET NUMBER

A105



KEY
T

MUA

A3

11.4 12.6

13.5

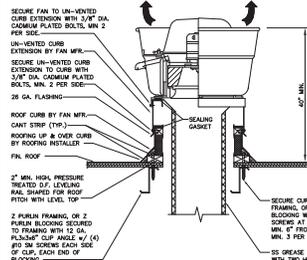
14.5

KITCHEN HOOD HVAC PLAN

SCALE: 1/4" = 1'-0"

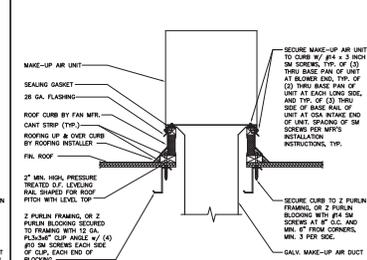
SHEET NOTES:

- WELDED STAINLESS STEEL GREASE DUCT UP THRU ROOF, TO FAN ABOVE.
- WELDED STAINLESS STEEL GREASE DUCT, ABOVE FINISHED CEILING. SLOPE GREASE DUCT BACK TO HOOD CONNECTION COLLAR. WRAPI ENTIRE LENGTH OF GREASE EXHAUST DUCT WITH (2) LAYERS OF "THERMAL CERAMICS" FIREMASTER FASTWAX XL.
- WELDED STAINLESS STEEL GREASE DUCT DOWN TO HOOD CONNECTION COLLAR.
- GALVANIZED MAKE-UP AIR DUCT UP THRU ROOF, TO UNIT ABOVE.
- GALVANIZED MAKE-UP AIR DUCT UP THRU ROOF, TO UNIT ABOVE.
- GALVANIZED MAKE-UP AIR DUCT DOWN TO HOOD CONNECTION COLLAR.



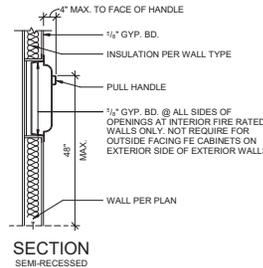
KEF MOUNTING DETAIL

SCALE: NONE

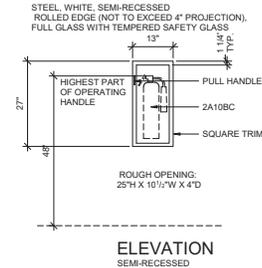


MUA MOUNTING DETAIL

SCALE: NONE



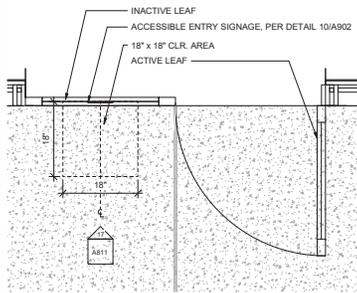
SECTION
SEMI-RECESSED



ELEVATION
SEMI-RECESSED

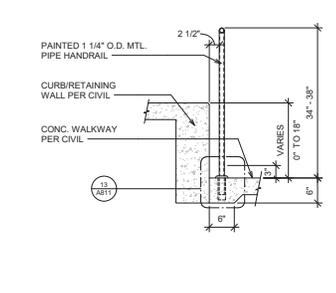
7 FIRE EXTINGUISHER CABINET DETAIL

AB11 SCALE: 3/4" = 1'-0"



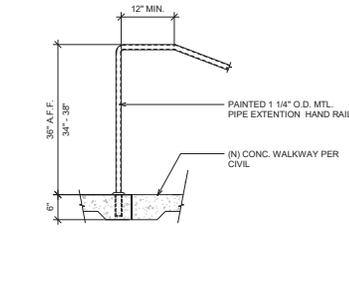
14 ACC. ENTRY SIGNAGE - PLAN

AB11 SCALE: 1" = 1'-0" REF: A102



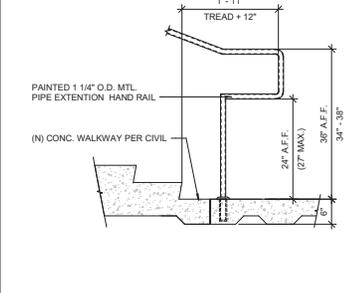
10 SECTION THROUGH HANDRAIL

AB11 SCALE: 1" = 1'-0" REF: A811



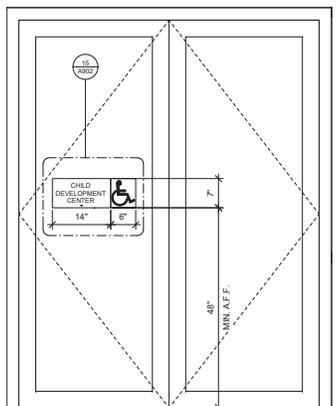
6 HANDRL. @ TOP EXTENSION

AB11 SCALE: 1" = 1'-0" REF: A811



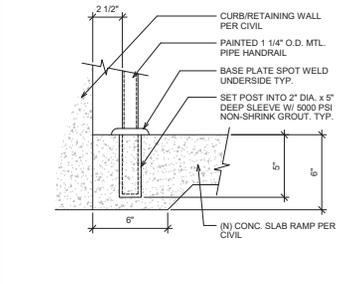
2 HANDRL. @ BOTTOM EXTENSION

AB11 SCALE: 1" = 1'-0" REF: A811



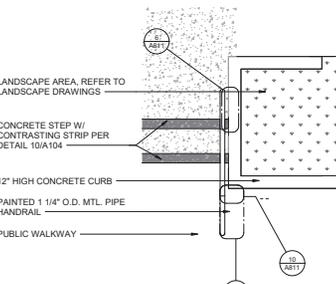
17 ACC. ENTRY SIGNAGE - ELEVATION

AB11 SCALE: 1" = 1'-0" REF: A201



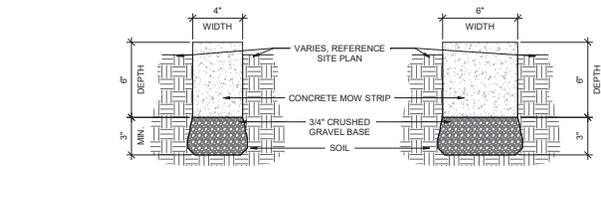
13 RAILING CONNECTION

AB11 SCALE: 3" = 1'-0" REF: A811



9 TYP. STAIR HANDRAIL

AB11 SCALE: 3/4" = 1'-0" REF: A102



5 CONCRETE MOW STRIP

AB11 SCALE: 3" = 1'-0"

AGENCY APPROVAL



PROJECT NAME

PALO VERDE COLLEGE

CHILD DEVELOPMENT CENTER BLYTHE

141 S 2ND STREET

BLYTHE CA, 92225

BUILDER

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REGISTRATION STAMPS



CLIENT

PALO VERDE COLLEGE
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ISSUE

MARK	DATE	DESCRIPTION
DESIGNER PROJ. NO.	AP04-120944	
DRAWN BY:	SILLMAN	
CHECKED BY:	SILLMAN	
SCALE:	As indicated	
SUBMITTAL:	8/2/22	

KEY PLAN

SHEET TITLE

DETAILS

SHEET NUMBER

A811



**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER**
(1) 48'X40', (2) 24'X40', (1) 144'X40'



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR
SS FLS ACS
DATE: 08/30/2022



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PRE-CHECKED SET NAME
**MODULAR BUILDING
CONSISTING OF
40' 24' MODULES**



SITE SPECIFIC PROJECT NAME

**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER**

(1)48' x 40', (2)24'x40' (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SHOWN OTHERWISE BY THE RECORDS OF RECORDS.
REVISIONS

DRAWN BY: JMAKA
SCALE: AS NOTED
DATE: 08/30/22
PROJECT NO: 1921-21
SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

TS

APPLICABLE CODES

- PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2019**
- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC) - PART 1, TITLE 24, CCR
 - 2019 CALIFORNIA BUILDING CODE (CBC) - VOLUME 1 - 2, (PART 5, TITLE 24 CCR) BASED ON THE 2018 INTERNATIONAL BUILDING CODE WITH 2019 CALIFORNIA AMENDMENTS
 - 2019 CALIFORNIA ELECTRICAL CODE (CEC) - (PART 3, TITLE 24, CCR) BASED ON THE 2017 NATIONAL ELECTRIC CODE WITH 2019 CALIFORNIA AMENDMENTS
 - 2019 CALIFORNIA MECHANICAL CODE (CMC) - (PART 4, TITLE 24, CCR) BASED ON THE 2018 UNIFORM MECHANICAL CODE WITH 2019 CALIFORNIA AMENDMENTS
 - 2019 CALIFORNIA PLUMBING CODE (CPC) - (PART 5, TITLE 24, CCR) BASED ON THE 2018 UNIFORM PLUMBING CODE WITH 2019 CALIFORNIA AMENDMENTS
 - 2019 CALIFORNIA FIRE CODE (CFC) - (PART 9, TITLE 24, CCR) BASED ON THE 2018 INTERNATIONAL FIRE CODE WITH 2019 CALIFORNIA AMENDMENTS
 - 2019 CALIFORNIA GREEN BUILDING CODE (CGC) - (PART 11, TITLE 24, CCR)
 - 2019 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)

- PARTIAL LIST OF APPLICABLE STANDARDS**
- NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2016 EDITION
 - NFPA 14 STANDPIPE AND HOSE SYSTEMS 2016 EDITION
 - NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2017 EDITION
 - NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2017 EDITION
 - NFPA 20 STATIONARY PUMPS 2016 EDITION
 - NFPA 24 PRIVATE FIRE MAINS 2016 EDITION
 - NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) (NOTE: SEE I.A. STANDARD 1971 FOR VISUAL DEVICES) 2016 EDITION
 - NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2015 EDITION
 - NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2015 EDITION

GENERAL NOTES

- SUBSTITUTION OF PRODUCTS OR PROCESSES WHICH CHANGE THE STRUCTURAL SAFETY, FIRE LIFE-SAFETY, OR ACCESSIBILITY OF THIS BUILDING SHALL BE SUBMITTED TO THE DSA AS AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT.
- PC BUILDING APPROVED ONLY FOR OCCUPANCY "E" OR "F".
- PC BUILDING EXISTING IS BASED ON THE USE OR OCCUPANCY AND WILL BE REVIEWED AS SITE SPECIFIC.
- PC BUILDINGS LOCATED IN FIRE HA AND SEVERITY ONES PER WILDLAND URBAN INTERFACE FIRE AREAS (WUI) SHALL CONFORM TO CBC CHAPTER 7A. PC IS NOT APPROVED FOR WUI.
- AUTOMATIC SPRINKLER SYSTEMS MUST BE DESIGNED FOR SITE SPECIFIC PROJECTS. OPTIONAL AUTOMATIC FIRE SPRINKLER DESIGNS ARE INCLUDED IN THIS APPROVAL. (NOTE: SEE BUILDING DATA THIS SHEET FOR FIRE SPRINKLER SYSTEM WEIGHT INCLUDED IN BUILDING DESIGN)
- FIRE SERVICE UNDERGROUND SHALL BE REVIEWED AS A SITE SPECIFIC APPLICATION. WATER SUPPLY SHALL BE DESIGNED TO MEET THE PC SPRINKLER DEMAND REQUIREMENTS.
- PROVIDE A SITE SPECIFIC FIRE FLOW LETTER OF CERTIFICATION FROM AN APPROVED WATER PURVEYOR OR LOCAL FIRE AUTHORITY.
- THIS PC PLAN SHALL NOT BE USED TO HOUSE ROOMS OR AREAS WITH SPECIAL HA AND/OR SUCH AS LABORATORIES, VOCATIONAL SHOPS AND OTHER SUCH AREAS NOT CLASSIFIED AS GROUP H LOCATED IN GROUP C OCCUPANCIES.
- A SEPARATE NON-PC DSA APPLICATION NUMBER (SITE SPECIFIC JOB OR STOCKPILE) IS REQUIRED FOR DESIGN. ROOF-TOP INSTALLATION OF SOLAR PANEL SYSTEMS, ITS ANCHORAGE, SUPPORT STRUCTURE ABOVE THE ROOF FRAMING, THE PC ROOF FRAMING IS DESIGNED FOR SOLAR PANELS TO BE INSTALLED FLAT ON THE ROOF. (NOTE: SEE BUILDING DATA THIS SHEET FOR SOLAR PANEL SYSTEM WEIGHT WIND LOAD INCLUDED IN BUILDING DESIGN FOR ROOF-TOP). SUBMITTALS OF ROOF-TOP SOLAR SYSTEM SHALL NOT BE SUBMITTED AS AN OVER-THE-COUNTER SUBMITTAL.
- IF THE STRUCTURE IS LOCATED IN AN AREA WITH LI UNLEAFABLE SOIL OR SITE CLASS F OVER-THE-COUNTER SUBMITTAL IS NOT ALLOWED AND NO SITE SPECIFIC PROJECT SUBMITTAL IS REQUIRED. IF THE SITE IS NOT IN A MAPPED LI UNLEAFATION HA AND ONE, IT MAY BE PRELIMINARY THAT NO LI UNLEAFATION HA AND EXISTS ON THAT SITE UNLESS A SITE-SPECIFIC GEO-TECHNICAL REPORT IDENTIFIES SUCH HA AND.
- THIS BUILDING IS NOT DESIGNED FOR FLOOD HA AND AREAS. WHEN A SITE-SPECIFIC PROJECT IS LOCATED IN A FLOOD ONE OTHER THAN ONE X, A LETTER STAMPED AND SIGNED FROM A GEO-TECHNICAL ENGINEER IS NEEDED TO VALIDATE THAT THE ALLOWABLE SOIL VALUES SPECIFIED IN THE PC DRAWINGS ARE STILL APPLICABLE, UNLESS THE BOTTOMS OF FOUNDATIONS ARE RAISED ABOVE THE DESIGN FLOOD ELEVATION. A VALIDATION LETTER FROM THE GEO-TECHNICAL ENGINEER SHALL BE PROVIDED. EVEN IF THE PRESUMPTIVE LOAD-BEARING VALUES PER CBC SECTION 1804.2 ARE USED, PROJECT SHALL BE EXEMPT FROM THE VALIDATION LETTER FOR PROJECTS LOCATED IN ONE D (UNDEFINED) IF THE APPLICANT PROVIDES EVIDENCE FROM THE LOCAL JURISDICTION OR A QUALIFIED DESIGN PROFESSIONAL CONFIRMING THAT THE SITE IS NOT IN A FLOOD HA AND ONE. LOCATION OF ELECTRICAL ELEMENTS SHALL CONFORM TO THE AMERICAN SOCIETY OF CIVIL ENGINEERS.
- THE PLACEMENT OF THE PC BUILDING(S) ON OR ADJACENT TO SLOPES SHALL COMPLY WITH THE FOUNDATION CLEARANCES FROM SLOPES SPECIFICATIONS FOLLOING ON SHEET NO. 2 OF THESE DRAWINGS.
- PC BUILDING SHALL NOT BE PLACED OR BE RELOCATED IN AREAS HAVING A NOISE CONTOUR GREATER THAN OR EQUAL TO 65 CNEL OR IN AREAS EXPOSED TO A NOISE LEVEL OF 65 dB L_{1h} DURING ANY HOUR OF OPERATION WHEN NOISE CONTOURS ARE NOT READY AVAILABLE AS SPECIFIED IN CALIFORNIA CODE, SECTION 5.507.4.1 5.507.4.1.1.
- THIS PC BUILDING IS NOT DESIGNED FOR SNOW LOADS.
- THIS PC BUILDING IS NOT DESIGNED FOR ICE LOADS.
- BUILDING SHALL BE MANUFACTURED IN COMPLIANCE WITH CFC CHAPTER 33 FOR FIRE SAFETY DURING CONSTRUCTION.
- SUBMITTAL AND APPROVAL OF A GECHA AND REPORT BY THE CALIFORNIA GEOLOGICAL SURVEY (CGS) IS NOT REQUIRED FOR SINGLE-STORY MODULAR BUILDINGS PROVIDED THAT THEY DO NOT EXCEED 4,000 SQUARE FEET IN PLAN AREA AND ARE NOT LOCATED WITHIN STATE OR LOCAL GEOLOGICAL HA AND ONES IN ACCORDANCE WITH R.A. SECTION 3.2.1.
- FOR THE CONCRETE BELOW GRADE (AMM) FOUNDATION THIS PROJECT USES A DSA APPROVED ALTERNATE MEANS OF COMPLIANCE WITH THE FOUNDATION DURABILITY REQUIREMENTS OF CBC 1402.2 1403.2 (WEATHER-RESISTANT EXTERIOR WALL ENVELOPE AND CONTINUOUS WATER-RESISTIVE BARRIER ON WALLS TO FOUNDATION) 2004.12.1 (PROTECTION AGAINST DECAH AND TERMITES). DETAILS ARE PROVIDED ON SHEETS AS 3A.

BUILDING DATA

OCCUPANCY	E, B, A2
TYPE OF CONSTRUCTION	V-8 (CATEGORY I II)
WIND LOAD	V, 99 MPH BASIC WIND SPEED
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT (Cp)	0.18
RISK CATEGORY II	K + 1.00
ROOF ANGLE	12 DEGREES
ICE LOAD	NOT CONSIDERED (SEE GENERAL NOTE 15 THIS SHEET)
SNOW LOAD	NOT CONSIDERED (SEE GENERAL NOTE 14 THIS SHEET)
ROOF LIVE LOAD (MAX PSF)	20 (REDUCIBLE)
FLOOR LIVE LOAD (MAX PSF)	50
DESIGN DEAD LOADS (MAX PSF)	21.0 RF - 46.0 CONC. FLR - 19.5 EXT WALLS
FIRE SPRINKLER SYSTEM DESIGN WT.	1.5 PSF INCLUDED IN ROOF DESIGN DEAD LOADS ABOVE (SEE GENERAL NOTES 5 - 7 THIS SHEET)
ROOF SOLAR PANEL SYSTEM DESIGN WT.	3.0 PSF INCLUDED IN ROOF DESIGN DEAD LOADS ABOVE (SEE GENERAL NOTE 9 THIS SHEET)
ALLOWABLE SOIL PRESSURE (PSF)	2000 (1% INCREASE IN SOIL BEARING CAPACITY NOT PERMITTED FOR WIND SEISMIC LOAD COMBINATIONS UNLESS USING ALTERNATE BASIC LOAD COMBINATIONS PER CBC 1606A.3.2)
FLOOD HA AND AREA	NO (SEE GENERAL NOTE 11 THIS SHEET)
RAIN INTENSITY (INHR)	3" MAX
BUILDING AREA (S. FT.)	BLDG A 1920 S. FT. BLDG B 960 S. FT. BLDG C 960 S. FT. BLDG D 5760 S. FT.
CLIMATE ONE	1-2 3-14 15 16 (REFER TO M1.7 FOR RE. UREMENTS)
MODULES	LIGHT MODULAR STEEL MOMENT-FRAMES PER CBC SECTION 2212A
SYSTEM	12x40' MODULES (2 MODULES MINIMUM)
FOUNDATION TYPE	CONCRETE

SITE SPECIFIC WIND VALUES

SITE SPECIFIC BASIC WIND SPEED 99 MPH WIND EXPOSURE C

SITE SPECIFIC SEISMIC VALUES

SITE SPECIFIC S₀ 0.288 SITE SPECIFIC S₁ 0.154 SITE CLASS E

(NOTE: SITE SHALL BE SITE CLASS "D" IF NO SOILS REPORT UNLESS THERE IS EVIDENCE OF CLASS "E" OR "F" SOILS PRESENT.)

PC BUILDING SEISMIC DESIGN CRITERIA

lc 1.0 T 0.15 + R 3.5 (DMF) RISK CATEGORY II
Cs 3.0 Cd 3.0 p 1.0 SEISMIC DESIGN CATEGORY: E

MAXIMUM STORY DRIFT RATIO 2.0 (E MAX DRIFT 0.020 x THE HEIGHT UNDER CONSIDERATION)
LATERAL FORCE RESISTING SYSTEM: LIGHT MODULAR STEEL MOMENT FRAMES PER 2212A
ANALYSIS PROCEDURE: E UNVALENT LATERAL FORCE

NOTE:
COMPONENTS AND CLADDING DESIGNED FOR:
S₀ 0.442

SITE-SPECIFIC OPTIONS

FLOOR DECK	<input type="checkbox"/> 1/2" PLYWOOD SHGT.	<input type="checkbox"/> BH-36 DECK 1/2"x18 GA.	<input checked="" type="checkbox"/> 3W48 DECK 3"x18 GA.
WALL STUDS	<input checked="" type="checkbox"/> WOOD	<input type="checkbox"/> LIGHT-GAUGE STEEL	
EXTERIOR WALL FINISH	<input checked="" type="checkbox"/> STUCCO	<input type="checkbox"/> SYNTHETIC STUCCO	<input type="checkbox"/> LAP SIDING
HVAC	<input type="checkbox"/> INTERIOR FLOOR MOUNTED	<input type="checkbox"/> EXTERIOR WALL MOUNTED	<input type="checkbox"/> SPLIT SYSTEM
ROOFING	<input type="checkbox"/> 3" x 20 GA. STANDING SEAM	<input type="checkbox"/> 3" x 22 GA. OVERLAP SEAM (DUALTED OVER SHEATHING)	<input type="checkbox"/> BUILT-UP ROOFING
ROOF PITCH	<input type="checkbox"/> SINGLE PITCH	<input type="checkbox"/> DUAL PITCH	<input checked="" type="checkbox"/> ROOF MOUNTED
ROOF DIAPHRAGM	<input type="checkbox"/> STEEL STRAP CROSS BRACING - SEE SHEET 54.0	<input checked="" type="checkbox"/> SHEATHING - SEE SHEET 54.1	
FRONT OVERHANG	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES - LENGTH: ENCLOSED - 7'-0" MAX	
REAR OVERHANG	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES - LENGTH: ENCLOSED - 7'-0" MAX	
SOLATUBE ON ROOF	<input type="checkbox"/> NO	<input type="checkbox"/> YES	
FIRE SPRINKLERS	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES (SEE GENERAL NOTES 5 - 7 THIS SHEET)	
SOLAR PANELS	<input type="checkbox"/> NO	<input type="checkbox"/> YES (SEE GENERAL NOTE 9 THIS SHEET)	
OPTIONAL SIDE WALL CANOPY	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES (SEE SHEET 55.4A)	
LI UNLEAFABLE SOILS	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES (SEE GENERAL NOTE 10 THIS SHEET)	
MAPPED GECHA AND ONE	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES (AS DEFINED BY PC-8 SECTION 1.8)	
GECHA AND REPORT	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES INCLUDED BELOW	
IF YES GEO-TECHNICAL FIRM: LANDMARK GEO-ENGINEERS AND GEOLOGISTS REPORT - LP21061 REPORT DATE: JUNE 15, 2021 RE: UREA IF BUILDING AREA 4,000 SF			
GEO-TECHNICAL REPORT <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES GEO-TECHNICAL FIRM: LANDMARK GEO-ENGINEERS AND GEOLOGISTS IF YES NOTE: IF REINFORCED FILL RE UREA BELOW SO FOOTINGS REPORT - LP21061 REPORT DATE: JUNE 15, 2021 <input type="checkbox"/> YES - RE UREA DEPTH: DEEPER FOOTINGS RE UREA <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES - RE UREA DEPTH: WIDER FOOTINGS RE UREA <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES - RE UREA DEPTH:			
BELOW GRADE CONCRETE MIX DESIGN <input type="checkbox"/> DEFAULT CONCRETE MIX DESIGN FOR BELOW GRADE CONCRETE PER SHEET N1.0A <input checked="" type="checkbox"/> OPTIONAL SITE-SPECIFIC CONCRETE MIX DESIGN FOR BELOW GRADE CONCRETE PER SHEET N1.0A			

WITH SOILS REPORT - SITE CLASS "E"
GROUND MOTION HA AND ANALYSIS IS NOT RE. UREA.

S₀ 0.288 F_a 2.92 S_{DS} 0.422
S₁ 0.154 F_b 4.2 S_{D1} 0.43
C_s 0.126 W (DESIGN)

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SEE SHEET TS2 FOR SHEET INDEX

PER ASCE 7-16, SECTION 12.8.1.3:
THE VALUE OF C_s AND E_s ARE PERMITTED TO BE CALCULATED USING A VALUE OF S₀ E UAL TO 0.1, BUT NOT LESS THAN 75% OF S₀, AS DEFINED IN SECTION 11.4.5, PROVIDED THAT ALL OF THE FOLLOWING CRITERIA ARE MET:
1. STRUCTURE DOES NOT HAVE IRREGULARITIES
2. STRUCTURE DOES NOT EXCEED FIVE (5) STORES ABOVE THE LOWER OF THE BASE OR GRADE PLANE
3. STRUCTURE HAS A FUNDAMENTAL PERIOD, T, THAT DOES NOT EXCEED 0.5 SECONDS
4. STRUCTURE MEETS REQUIREMENTS FOR REDUNDANCY FACTOR, R, TO BE TAKEN AS 1.0
5. SITE SOIL PROPERTIES ARE NOT CLASSIFIED AS SITE CLASS "E" OR "F"
6. STRUCTURE IS CLASSIFIED AS RISK CATEGORY II



**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1) 144'X40', (2) 24'X40', & (1) 48'X40'**



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FLS ACS
DATE: 08/29/2022

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SHEET INDEX

ARCHITECTURAL			STRUCTURAL			MECHANICAL			PLUMBING		
OPTIONS	SHEET NUMBER	SHEET TITLE	OPTIONS	SHEET NUMBER	SHEET TITLE	OPTIONS	SHEET NUMBER	SHEET TITLE	OPTIONS	SHEET NUMBER	SHEET TITLE
COVER SHEET	TS	TITLE SHEET	STEEL MEMBER PROPERTIES	S0.0	STEEL MEMBER PROPERTIES	FLOOR PLANS	M1.0	OVERALL REFLECTED CEILING PLAN	FLOOR PLAN & DETAILS	P1.0	RESTROOM OPTIONS, PLUMBING PLAN, & FIXTURE SCHEDULE
INSPECTION FORM	TS-2	SHEET INDEX	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD)	S1.0	OVERALL CONCRETE FOUNDATION PLAN	DETAILS	M1.0A	REFLECTED CEILING PLAN - BLDG A	FIRE SPRINKLERS	FS-1A	FIRE SPRINKLER COVER SHEET
GENERAL NOTES & SPECIFICATIONS	N1.0	GENERAL NOTES & SPECIFICATIONS	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING A	S1.1A	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING A	MISCELLANEOUS	M1.0B	REFLECTED CEILING PLAN - BLDG B	FS-2A	FIRE SPRINKLER LAYOUT/PIPING PLAN, BLDGS CAD	
	N1.0A	BELOW GRADE CONCRETE MIX DESIGN REQUIREMENTS	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING B	S1.1B	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING B	CONCRETE FOUNDATION PLAN (150 PSF MAX FLOOR LIVE LOAD)	M1.0C	REFLECTED CEILING PLAN - BLDG C			
	N2.0	GENERAL NOTES & SPECIFICATIONS	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING D	S1.1D	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING D	EMBEDDED FOUNDATION SHEAR PLATES	M1.0D	REFLECTED CEILING PLAN - BLDG D			
ENERGY SHEETS & CALCULATIONS	N3.0	TYPICAL SCHEDULES: DOORS, WINDOWS & FINISHES	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING C	S1.1C	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING C	CONCRETE FOUNDATION DETAILS	M1.1A	MECHANICAL PLAN - BLDG A			
	N4.0	ACCESSIBILITY STANDARDS AND DETAILS	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING D	S1.1D	CONCRETE FOUNDATION PLAN (100 PSF LIVE LOAD) BUILDING D	UPGRADED ANCHORAGE FOUNDATION DETAILS	M1.1B	MECHANICAL PLAN - BLDG B			
	N5.0	MULTIPLE FLOOR PLAN CONFIGURATIONS	CONCRETE FOUNDATION SHEAR PLATES	S1.2	EMBEDDED FOUNDATION SHEAR PLATES	CONCRETE FOUNDATION PLAN (150 PSF MAX FLOOR LIVE LOAD)	M1.1C	MECHANICAL PLAN - BLDG C			
	N5.1	MULTIPLE FLOOR PLAN CONFIGURATIONS	CONCRETE FOUNDATION DETAILS	S1.4	CONCRETE FOUNDATION DETAILS	CONCRETE FOUNDATION DETAILS	M1.1D	MECHANICAL PLAN - BLDG D			
	N5.1	MULTIPLE FLOOR PLAN CONFIGURATIONS	CONCRETE FOUNDATION DETAILS	S1.5	CONCRETE FOUNDATION DETAILS	STANDARD ANCHORAGE FOUNDATION DETAILS	M1.2	RESTROOM REFLECTED CEILING PLANS OPTIONS			
	N5.2	MULTIPLE FLOOR PLAN CONFIGURATIONS	UPGRADED ANCHORAGE FOUNDATION DETAILS	S1.6A	STANDARD ANCHORAGE FOUNDATION DETAILS	CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FOOTINGS	M1.3	MECHANICAL & CEILING DETAILS			
	N5.3	MULTIPLE FLOOR PLAN CONFIGURATIONS	CONCRETE FOUNDATION OPTIONAL UTILITY OPENINGS IN FOOTINGS	S1.6B	UPGRADED ANCHORAGE FOUNDATION DETAILS	CONCRETE FOUNDATION PLAN (150 PSF MAX FLOOR L.L.)	M1.4	MECHANICAL & CEILING DETAILS			
	N5.4	MULTIPLE FLOOR PLAN CONFIGURATIONS	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S1.7	CONCRETE FOUNDATION PLAN (150 PSF MAX FLOOR L.L.)	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	M1.4A	MECHANICAL & CEILING DETAILS			
FLOOR PLANS	A1.0	OVERALL FLOOR PLAN	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.0A	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	FLOOR PLANS & DETAILS	M1.5	MECHANICAL & CEILING DETAILS			
	A1.0A	FLOOR PLAN - BLDG A	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.0B	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	RESTROOM REFLECTED CEILING PLANS OPTIONS	M1.6	MECHANICAL ROOF DETAILS			
	A1.0B	FLOOR PLAN - BLDG B	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.0C	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	MECHANICAL ROOF DETAILS	M1.6A	MECHANICAL ROOF DETAILS			
	A1.0C	FLOOR PLAN - BLDG C	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.0D	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	CEILING & MECHANICAL NOTES & SCHEDULES	M1.7	CEILING & MECHANICAL NOTES & SCHEDULES			
	A1.0D	FLOOR PLAN - BLDG D	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A1.1	TYPICAL FLOOR PLAN w/ SOLATUBE OPTION	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3B	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A1.2	RESTROOM FLOOR PLAN OPTIONS	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3C	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.0	TYPICAL ROOF PLAN - METAL STANDARD SEAM (WITHOUT PARAPETS)	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3D	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.1	TYPICAL ROOF PLAN - METAL STANDING SEAM (WITH PARAPETS)	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3E	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.2	TYPICAL ROOF PLAN - SINGLE-PLY OR BUILT-UP (WITHOUT PARAPETS)	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3F	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
ROOF PLANS & DETAILS	A2.3	TYPICAL ROOF PLAN - METAL STANDING SEAM (WITH PARAPETS)	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3G	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.4	OVERALL ROOF PLAN	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3H	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.4A	ROOF PLAN - BLDG A	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3I	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.4B	ROOF PLAN - BLDG B	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3J	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.4C	ROOF PLAN - BLDG C	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3K	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.4D	ROOF PLAN - BLDG D	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3L	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A2.5	TYPICAL ROOF DETAILS - SINGLY-PLY OR BUILT-UP ROOFING	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S3.3M	FLOOR FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A4.0A	INTERIOR ELEVATIONS - TYPICAL CLASSROOM	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.0A	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A4.0B	INTERIOR ELEVATIONS - TYPICAL CLASSROOM	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.0B	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A4.0C	INTERIOR ELEVATIONS - TYPICAL CLASSROOM	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.0C	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
EXTERIOR ELEVATIONS & ARCHITECTURAL DETAILS	A4.0D	INTERIOR ELEVATIONS - TYPICAL CLASSROOM	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.0D	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A4.0E	INTERIOR ELEVATIONS - TYPICAL CLASSROOM	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.1	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A4.1	INTERIOR ELEVATIONS - RESTROOM OPTIONS	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.2	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A5.2	TYPICAL EXTERIOR ELEVATIONS - STUCCO OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.3	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)						
	A5.3	TYPICAL ARCHITECTURAL DETAILS - STUCCO OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.4A	OVERALL PARAPET PLAN						
	A5.3A	DETERIORATION DETAILS GREATER THAN 2160 SQ.FT. - STUCCO OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.4B	PARAPET FRAMING ELEVATIONS & DETAILS						
	A5.4	TYPICAL EXTERIOR ELEVATIONS - LAP SIDING OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S4.5	DETAILS						
	A5.5	TYPICAL ARCHITECTURAL DETAILS - LAP SIDING OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S5.0A	MOMENT FRAME ELEVATIONS & DETAILS @ BUILDINGS A & D						
	A5.6	TYPICAL EXTERIOR ELEVATIONS - SYNTHETIC STUCCO OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S5.0B	MOMENT FRAME ELEVATIONS & DETAILS @ BUILDINGS B & C						
	A5.7	TYPICAL ARCHITECTURAL DETAILS - SYNTHETIC STUCCO OPTION	ROOF FRAMING PLAN & DETAILS FOR CONCRETE FLOOR w/30WH-DECK OPTION (150 PSF MAX FLOOR L.L.)	S5.1	MOMENT FRAME CONNECTION DETAILS						
MISCELLANEOUS DETAILS	A7.0	ARCHITECTURAL EXTERIOR FINISH OPTIONS DETAILS	CONNECTION DETAILS	S5.2	CONNECTION DETAILS						
	A7.1	MISCELLANEOUS ARCHITECTURAL DETAILS	WALL FRAMING ELEVATIONS & SCHEDULES - WOOD STUDS	S8.0	WALL FRAMING ELEVATIONS & SCHEDULES - WOOD STUDS						
	A7.3	TYPICAL LONGITUDINAL AND TRANSVERSE FRAME SECTIONS	WALL FRAMING DETAILS - WOOD STUDS	S8.1	WALL FRAMING DETAILS - WOOD STUDS						
	A7.4	BUILDING SECTIONS	WALL FRAMING ELEVATIONS & SCHEDULES - METAL STUD OPTION	S9.0	WALL FRAMING ELEVATIONS & SCHEDULES - METAL STUD OPTION						
	A8.0	1-HR FIRE RATED CONSTRUCTION DETAILS	WALL FRAMING DETAILS - METAL STUD OPTION	S9.1	WALL FRAMING DETAILS - METAL STUD OPTION						
	A8.2	FIRE RATED CONSTRUCTION DETAILS	TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES	S9.2	TYPICAL METAL STUD FRAMING DETAILS & PROPERTIES						

TOTAL OF 94 SHEETS

SHEETS WITH SPECIFIC LOW / HIGH SEISMIC DESIGNATIONS AND / OR OPTIONS

TS	TITLE SHEET
S1.0	CONCRETE FOUNDATION PLAN (50 PSF MAX FLOOR LIVE LOAD)
S1.1	CONCRETE FOUNDATION PLAN (50 PSF LIVE LOAD + 15 PSF PARTITION LOAD)
S1.2	CONCRETE FOUNDATION PLAN (100 PSF MAX FLOOR LIVE LOAD)
S1.3	CONCRETE FOUNDATION PLAN (150 PSF MAX FLOOR LIVE LOAD)
S5.0	MOMENT FRAME ELEVATIONS & DETAILS
S5.1	MOMENT FRAME CONNECTION DETAILS
S8.1	WALL FRAMING DETAILS - WOOD STUDS
S9.1	WALL FRAMING DETAILS - METAL STUD OPTION

REVISIONS

DRAWN BY: JMAKA
SCALE: AS NOTED
DATE: 07/22
PROJECT NO: 1674-1
SHEET TITLE: SHEET INDEX

SHEET NUMBER:
TS-2



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SO NOTED BY THE REGISTER OF RECORD.

OPTIONAL SITE-SPECIFIC CONCRETE MIX DESIGN REQUIREMENTS FOR BELOW GRADE NORMAL WEIGHT CONCRETE ⁽¹⁾						
(MOST RESTRICTIVE REQUIREMENTS FROM EXPOSURE TABLES BELOW)						
BELOW GRADE CONCRETE ELEMENT	MAXIMUM W/C RATIO	MINIMUM 28-DAY STRENGTH (F) PSI	CEMENTITIOUS MATERIALS (CEMENT TYPE PER ASTM C150)	MAX AGGREGATE SIZE (IN)	TARGET AIR CONTENT (%)	MAXIMUM WATER-SOLUBLE CHLORIDE ION (Cl ⁻) CONTENT IN CONCRETE, PERCENT BY WEIGHT OF CEMENT
FOUNDATIONS ⁽²⁾	0.45	4500	V	1" N	N/A	0.15
FOUNDATION VENTS & ACCESS WELLS	0.45	4500	V	3/8"	N/A	0.15
				1/2"	N/A	
				3/4"	N/A	

⁽¹⁾ PROPORTIONING OF CONCRETE MIXTURES SHALL BE IN ACCORDANCE WITH ACI 318-14, SECTION 26.4.3.
⁽²⁾ CHARACTERIZATION OF CONCRETE MIXTURE CHARACTERISTICS SHALL BE IN ACCORDANCE WITH ACI 318-14, SECTION 26.4.4.
 CEMENT SHALL BE CERTIFIED PER TITLE 24, PART 2, SECTION 2910A.1.
 SEE CONCRETE NOTES ON SHEET N1.0 FOR ADDITIONAL REQUIREMENTS.

⁽³⁾ FOUNDATION: HAVE BEEN DESIGNED FOR THE WORST CASE MINIMUM 28-DAY CONCRETE STRENGTH OF 4,500 PSI.

EXPOSURE CATEGORY: FREEZING & THAWING (F)							
EXPOSURE CLASS ⁽¹⁾	CONDITION	MAXIMUM W/C RATIO	MINIMUM 28-DAY STRENGTH (F) (PSI)		AIR CONTENT		
			FOUNDATIONS	FOUNDATION VENTS & ACCESS WELLS	MAX AGGREGATE SIZE (IN) ⁽²⁾	TARGET AIR CONTENT (%)	
<input checked="" type="checkbox"/>	FO	CONCRETE NOT EXPOSED TO FREEZING AND THAWING CYCLES	0.55	3500	3000	N/A	
<input type="checkbox"/>	F1	CONCRETE EXPOSED TO FREEZING AND THAWING CYCLES WITH LIMITED EXPOSURE TO WATER	0.55	3500	3500	3/8	6
<input type="checkbox"/>	F2	CONCRETE EXPOSED TO FREEZING AND THAWING CYCLES WITH FREQUENT EXPOSURE TO WATER AND EXPOSURE TO DEICING CHEMICALS	0.45	4500	4500	1/2	5.5
<input type="checkbox"/>	F3	CONCRETE EXPOSED TO FREEZING AND THAWING CYCLES WITH FREQUENT EXPOSURE TO WATER AND EXPOSURE TO DEICING CHEMICALS	0.40	5000	5000	1	4.5
						1 1/2	4.5
						1 1/2	7.5
						1/4	7
						3/4	6
						1	6
						1 1/2	5.5

⁽¹⁾ F EXPOSURE CLASS IS UNCERTAIN, F2 MAY BE ASSUMED.

⁽²⁾ SEE CONCRETE NOTES ON SHEET N1.0 FOR MAX AGGREGATE SIZES.

EXPOSURE CATEGORY: SULFATE (S)						
EXPOSURE CLASS ⁽¹⁾	CONDITION	MAXIMUM W/C RATIO	MINIMUM 28-DAY STRENGTH (F) (PSI)		CEMENTITIOUS MATERIALS (CEMENT TYPE PER ASTM C150)	
			FOUNDATIONS	FOUNDATION VENTS & ACCESS WELLS		
<input type="checkbox"/>	S0	WATER-SOLUBLE SULFATE (SO ₄ ²⁻) IN SOIL, PERCENT BY MASS ⁽²⁾	0.55	3500	3000	I OR II
<input type="checkbox"/>	S1	DISSOLVED SULFATE (SO ₄ ²⁻) IN WATER, PPM ⁽³⁾	0.50	4000	4000	II
<input checked="" type="checkbox"/>	S2	0.20 ≤ SO ₄ ²⁻ ≤ 0.20	0.45	4500	4500	V
<input type="checkbox"/>	S3	0.20 ≤ SO ₄ ²⁻ ≤ 1.00	0.45	4500	4500	V PLUS F/M/S/H OR SLAG CEMENT ⁽⁴⁾

⁽¹⁾ F EXPOSURE CLASS IS UNKNOWN, S2 MAY BE ASSUMED.

⁽²⁾ PERCENT SULFATE BY MASS IN SOIL SHALL BE DETERMINED BY ASTM C1180.

⁽³⁾ CONCENTRATION OF DISSOLVED SULFATES IN WATER, IN PPM, SHALL BE DETERMINED BY ASTM D516 OR ASTM D4130.

⁽⁴⁾ PER ACI 318-14, TABLE 19.3.2.1, FOOTNOTE 6, THE AMOUNT OF THE SPECIFIC SOURCE OF THE POZZOLAN OR SLAG CEMENT TO BE USED SHALL BE AT LEAST THE AMOUNT THAT HAS BEEN DETERMINED BY SERVICE RECORDS TO PROVIDE SULFATE RESISTANCE WHEN USED IN CONCRETE CONTAINING TYPE I CEMENT. ALTERNATIVELY, THE AMOUNT OF THE SPECIFIC SOURCE OF THE POZZOLAN OR SLAG CEMENT TO BE USED SHALL BE AT LEAST THE AMOUNT LISTED IN ACCORDANCE WITH ASTM C1102 AND MEETING THE CRITERIA IN ACI 318-14, SECTION 26.4.2(2). SEE CONCRETE NOTES ON SHEET N1.0 FOR ADDITIONAL REQUIREMENTS.

EXPOSURE CATEGORY: IN CONTACT WITH WATER (W)						
EXPOSURE CLASS	CONDITION	MAXIMUM W/C RATIO	MINIMUM 28-DAY STRENGTH (F) (PSI)		ADDITIONAL REQUIREMENTS	
			FOUNDATIONS	FOUNDATION VENTS & ACCESS WELLS		
<input checked="" type="checkbox"/>	W0	CONCRETE DRY IN SERVICE OR CONCRETE IN CONTACT WITH WATER AND LOW PERMEABILITY IS NOT REQUIRED	0.55	3500	3000	NONE
<input type="checkbox"/>	W1 ⁽¹⁾	CONCRETE IN CONTACT WITH WATER AND LOW PERMEABILITY IS REQUIRED	0.50	4000	4000	NONE

⁽¹⁾ EXPOSURE CLASS W1 IS ONLY REQUIRED IF CONCRETE IS BELOW THE GROUNDWATER TABLE.

EXPOSURE CATEGORY: CORROSION PROTECTION OF REINFORCEMENT (C)						
EXPOSURE CLASS	CONDITION	MAXIMUM W/C RATIO	MINIMUM 28-DAY STRENGTH (F) (PSI)		MAXIMUM WATER-SOLUBLE CHLORIDE ION (Cl ⁻) CONTENT IN CONCRETE, PERCENT BY WEIGHT OF CEMENT	
			FOUNDATIONS	FOUNDATION VENTS & ACCESS WELLS		
<input checked="" type="checkbox"/>	C1	CONCRETE EXPOSED TO MOISTURE BUT NOT TO AN EXTERNAL SOURCE OF CHLORIDES	0.55	3500	3000	0.10
<input type="checkbox"/>	C2	CONCRETE EXPOSED TO MOISTURE AND AN EXTERNAL SOURCE OF CHLORIDES FROM DEICING CHEMICALS, SALT, BRACKISH WATER, SEAWATER, OR SPRAW FROM THESE SOURCES	0.40	5000	5000	0.15

SHEET NOTES:

- IF THE SITE CONDITIONS FOR THE SOIL ARE KNOWN AS REPORTED BY A GEOTECHNICAL OR OTHER APPROVED SOIL CONDITIONS REPORT, THE OPTIONAL SITE-SPECIFIC CONCRETE MIX DESIGN REQUIREMENTS MAY BE UTILIZED.
- IF THE OPTIONAL SITE-SPECIFIC CONCRETE MIX DESIGN REQUIREMENTS ARE UTILIZED, THE REPORT MUST BE REFERENCED ON THE COVER SHEET OF THIS DRAWING PACKAGE.

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 APP: 04-120944 INC.
 REVIEWED FOR:
 88 FLS ACS
 DATE: 08/26/2022



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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' 24' MODULES

 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24' x 40' (1)144' x 40' MODULES

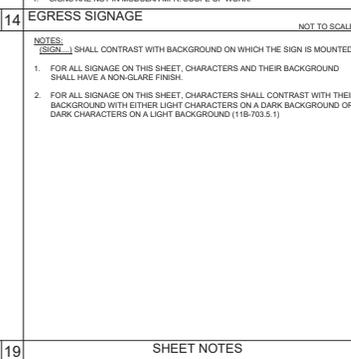
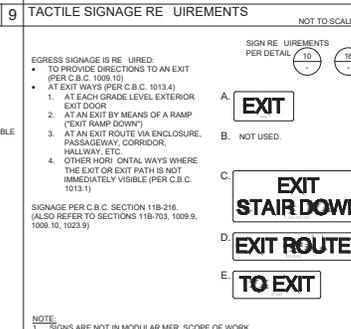
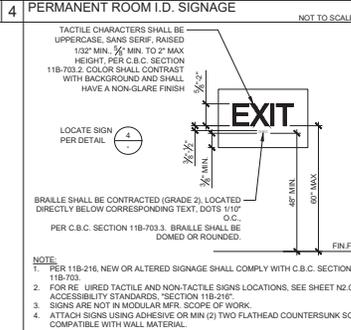
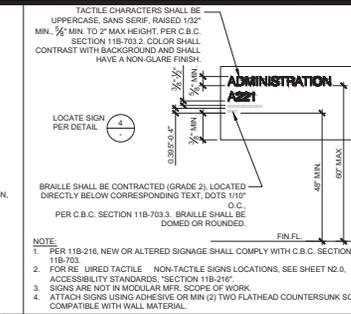
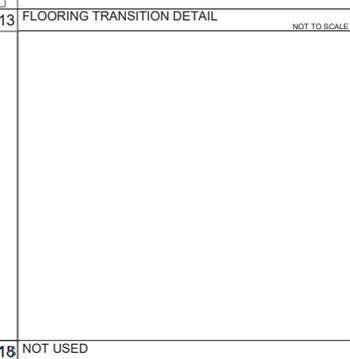
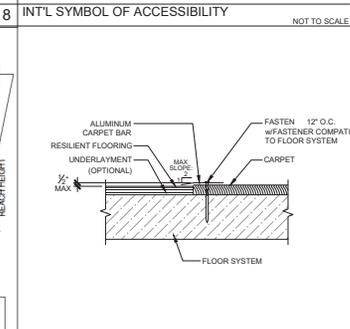
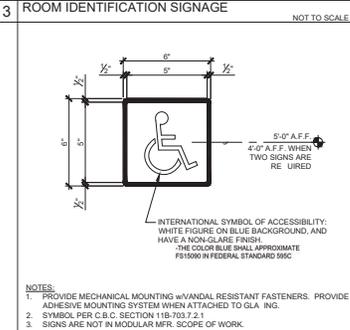
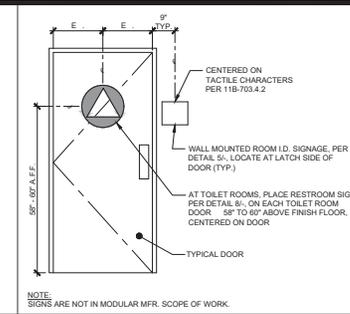
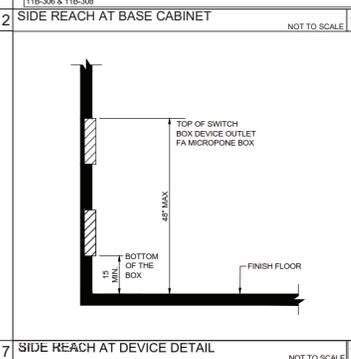
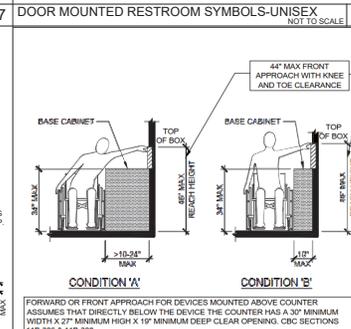
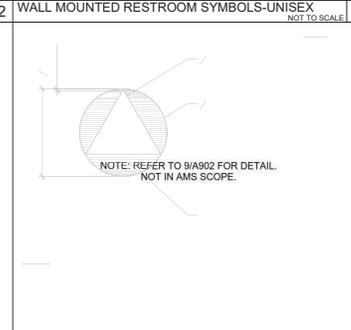
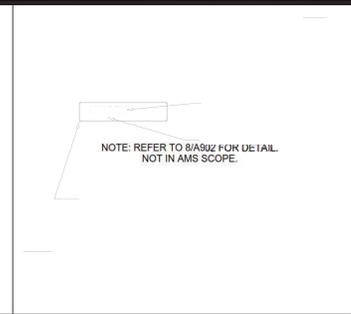
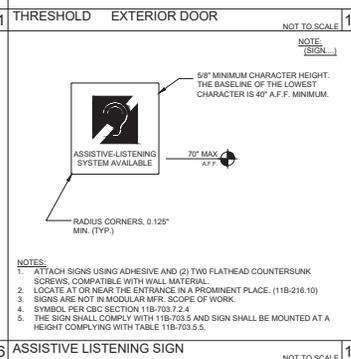
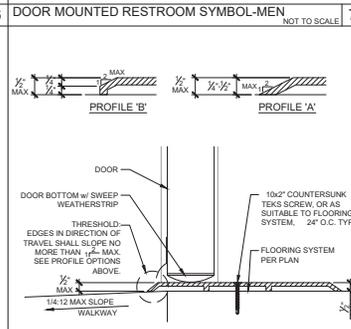
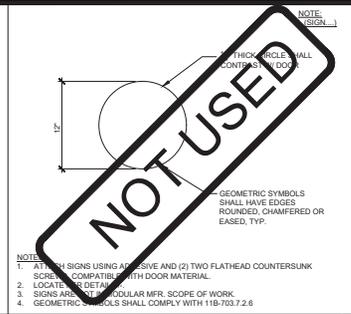
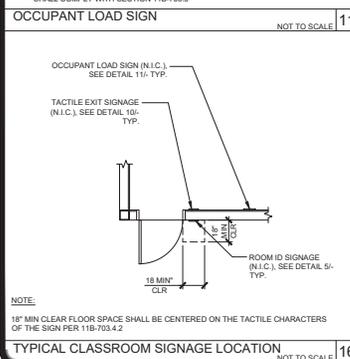
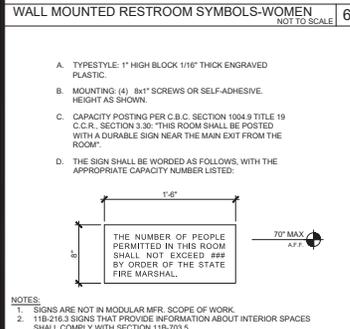
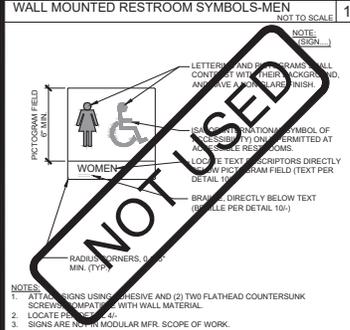
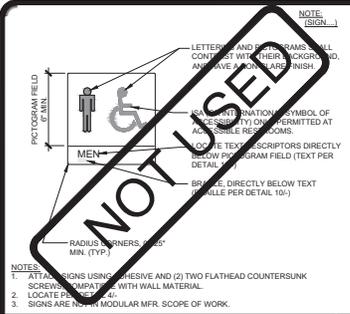


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REVISIONS

DRAWN BY:	JM/KA
SCALE:	AS NOTED
DATE:	06/29/22
PROJECT NO:	1624-21
SHEET TITLE:	BELOW GRADE CONCRETE MIX DESIGN REQUIREMENTS
SHEET NUMBER:	N1.0A

N1.0A



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REVIEWED FOR
DATE: 08/30/2022

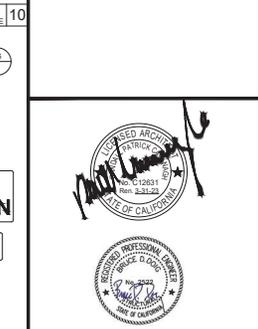
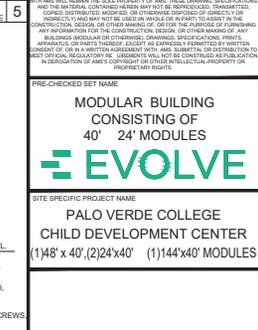
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PRE-CHECKED SET NAME
MODULAR BUILDING
CONSISTING OF
40' 24' MODULES

EVOLVE

SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' x 40', (2)24' x 40' (1)144' x 40' MODULES



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REVISIONS

NO.	DATE	DESCRIPTION

DRAWN BY: JMA/JKA
SCALE: AS NOTED
DATE: 08/30/22
PROJECT NO: 192421
SHEET TITLE: ACCESSIBILITY STANDARDS AND DETAILS
SHEET NUMBER: N4.0

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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES

NOT USED

- REFER TO SHEETS N5.0 AND N5.1 FOR POSSIBLE ADDITIONAL FLOOR PLAN CONFIGURATIONS.
- OPTIONAL INTERIOR WALLS MAY OCCUR THROUGHOUT THE BUILDING AS CONSTRUCTED PER SHEETS S8.1 OR S8.1. THE PC TITLE 24 HAS BEEN RUN FOR THE WORST CASE ENVELOPE BASED ON AREA.
- PANIC HARDWARE COMPLYING WITH C.B.C. 1010.1.10 IS REQUIRED TO BE INSTALLED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER.
- IF OCCUPANCY LOAD EXCEEDS 50, PROVIDE A SECOND EXIT DOOR, PER CBC TABLE 1008.2.1.
- FOR ROOMS OR SPACES CLASSIFIED AS AN ASSEMBLY OCCUPANCY, PROVIDE AN OCCUPANT LOAD SIGN (BY OTHERS) IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT, PER C.B.C. SECTION 1004.9.
- ALL PRIMARY EXTERIOR DOOR ENTRIES SHALL BE COVERED TO PREVENT WATER INTRUSION BY USING NONABSORBENT FLOOR AND WALL FINISHES WITHIN AT LEAST 2 FEET AROUND AND PERPENDICULAR TO OPENING, PER CALGREEN, SECTION 5.407.2.1.
- PRIMARY EXTERIOR DOOR ENTRIES SHALL HAVE AT LEAST ONE OF THE FOLLOWING:
 - INSTALLED AWNING AT LEAST 4 FEET IN DEPTH (BY OTHERS).
 - OPTIONAL SIDE WALL CANOPY (4 FEET IN DEPTH) PER SHEET 35.4A.
 - ROOF OVERHANG AT LEAST 4 FEET IN DEPTH.
 - DOOR RECESSES AT LEAST 4 FEET.
 - OTHER METHODS WHICH PROVIDE EQUIVALENT PROTECTION (BY OTHERS).
- WINDOW PLACEMENT & SIZE MAY VARY AS THE PC TITLE 24 HAS BEEN RUN FOR THE WORST CASE ENVELOPE PROVIDED THAT THE MAXIMUM WINDOW AREA IS 240 FOR TRIPLE-WIDE ROOM AND 280 SQ. FT. FOR A 4-WIDE ROOM. JUSTIFICATION OF LARGER AREAS MAY BE BASED ON RATIO AND INTERPOLATION.

3/16:12 (1%) MINIMUM TO 14:12 (2%) MAXIMUM GRADE FROM FACE OF BUILDING MUST BE ADHERED TO FOR WATER RUN-OFF. PONDING MAY OCCUR AROUND THE PERIMETER OF THE BUILDING.

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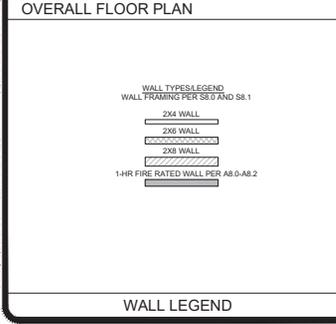
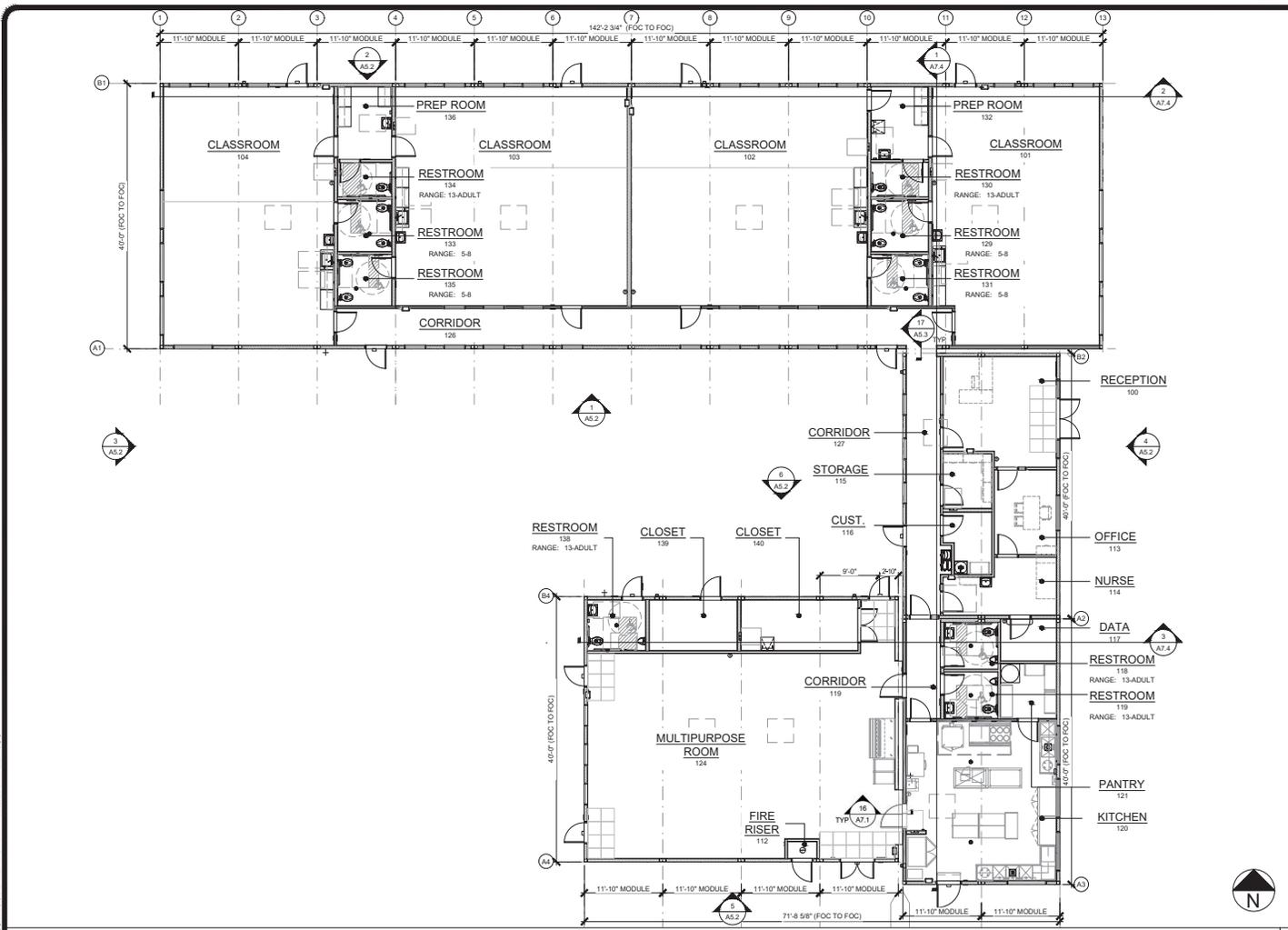
REVISIONS

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DRAWN BY: JMAKA
 DATE: AS NOTED
 SCALE: 07/25/22
 PROJECT NO: 16P-21
 SHEET TITLE:

OVERALL FLOOR PLAN

SHEET NUMBER: **A1.0**



ENERGY CONTROLS

- DEMAND RESPONSE CONTROLS:** ONLY REQUIRED IN BUILDINGS LARGER THAN 10,000 S.F., THEREFORE, NOT REQUIRED FOR THIS PC.
- AUTOMATIC DAYLIGHTING CONTROLS:** NOT REQUIRED IN ROOMS WHERE COMBINED INSTALLED LIGHTING POWER IN COMBINED SKYLIT & PRIMARY DAYLIT ZONES ARE <120 WATTS. INSTALLED WATTAGE IN PRIMARY SIDE/LIT DAY LIT ZONE IS 90 WATTS (2x 45w, AS SHOWN ON SHEET E1.0). THEREFORE, AUTOMATIC DAYLIGHTING CONTROLS ARE ONLY REQUIRED WHEN "SOLATUBES" ARE INSTALLED. SEE A1.1.
- ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) CONNECTION:** PER TITLE 24 CODE, "AN EMCS MAY BE INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ONE OR MORE LIGHTING CONTROLS IF IT MEETS THE MINIMUM REQUIREMENTS". PC MAY CONTAIN OCCUPANCY SENSORS AND PHOTOCELL CONTROL LIGHTING. IN THAT CASE, AN EMCS IS NOT REQUIRED FOR THIS PC.
- SOLAR-READY ZONE REQUIREMENTS:** REQUIREMENTS & TABLE CAN BE FOUND ON SHEET A2.0.

NOTE: ANY MONITORING EQUIPMENT OR ASSOCIATED SENSORS ARE SITE SPECIFIC AND ARE NOT INCLUDED IN THE BASE PC.

ACUSTIC CONTROLS

- WHEN THE PRE-CHECK (PC) BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES SHALL COMPLY WITH THE CALGREEN CODE, SECTION 5.507.4 FOR THE SPECIFIC SITE LOCATION.
- MINIMUM WALL ASSEMBLIES:** WALL ASSEMBLIES SHALL BE CONSTRUCTED PER DETAIL SHEETS AS.3, AS.5, AS.7, & AS.8.0. WITH EITHER 2x4 WOOD STUDS OR 2" STEEL STUDS PER LISTED OPTIONS. MINIMUM STC RATINGS LISTED BELOW ARE PER THE CATALOG OF STC A1.0 RATINGS FOR WALL AND FLOOR/CEILING ASSEMBLIES, PRODUCED BY THE OFFICE OF NOISE CONTROL, CALIFORNIA DEPARTMENT OF HEALTH SERVICES.

(1) LAYER 1/2" GYPSUM BOARD SECURED TO MIN. 2x4 STUDS @ 16" O.C. MAX.

(1) LAYER 1/2" GYPSUM BOARD SECURED TO MIN. 2" METAL STUDS @ 16" O.C. MAX.

(2) LAYER 5/8" GYPSUM BOARD SECURED TO MIN. 2x4 STUDS @ 24" O.C. MAX. w/ 3/2" THK. BATT INSULATION.

(2) LAYER 5/8" GYPSUM BOARD SECURED TO MIN. 2" METAL STUDS @ 24" O.C. MAX. w/ 3/2" THK. BATT INSULATION.

STC-40 TEST REF.: AUDIO ALLOY L.L.C. TEST NUMBER: 0L-05-1003

STC-40 TEST REF.: AUDIO ALLOY L.L.C. TEST NUMBER: 052-410

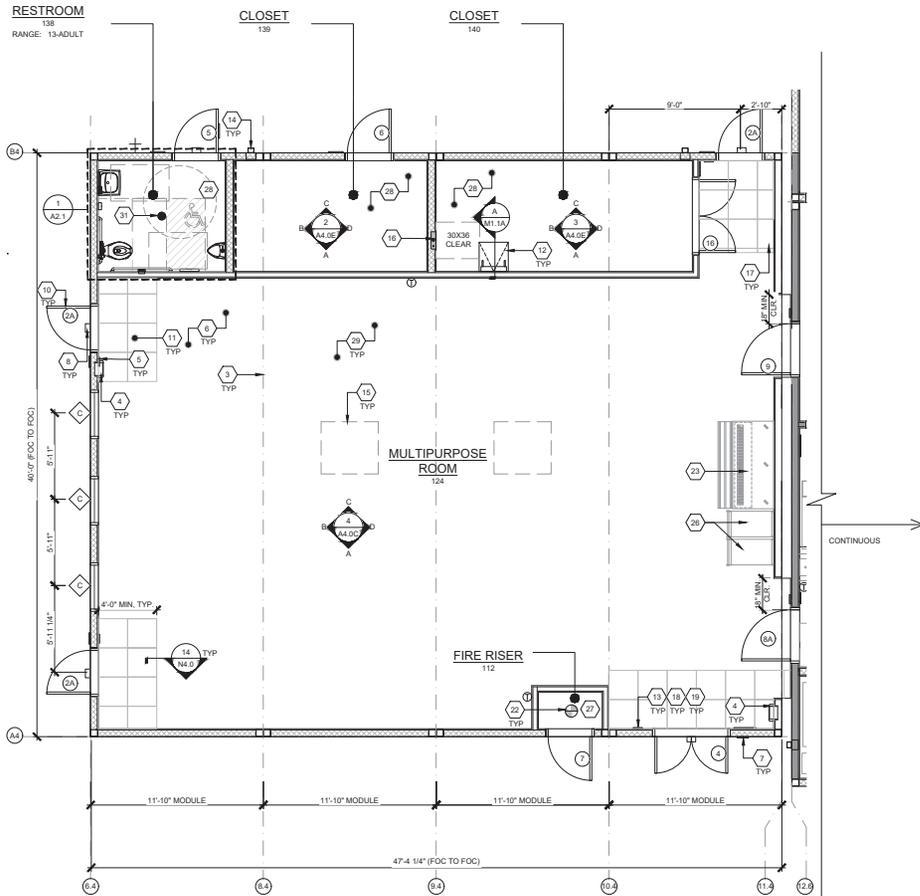
MINIMUM WINDOW & DOOR RATINGS: ALL WINDOWS AND DOORS SPECIFIED ON THE SCHEDULES FOUND ON SHEET N3.0 OF THIS PACKAGE SHALL MEET A MINIMUM STC RATING OF 27.

ENERGY NOTES

SCALE: 1/4" = 1'-0"

ACUSTIC NOTES





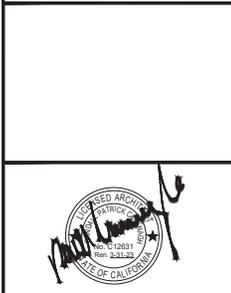
- 1 NOT USED
- 2 NOT USED
- 3 TYP. MOD LINE
- 4 FIRE EXTINGUISHER - TOP OF HANDLE 48" A.F.F. 4" MAX PROTRUSION FROM WALL IF BOTTOM OF FIRE EXTINGUISHER IS ABOVE 27" A.F.F.
- 5 TACTILE EXIT SIGN PER DETAIL 10N4.0 (BY OTHERS)
- 6 EGRESS AREA
- 7 ROOM SIGNAGE AND I.S.A. PER DETAILS 5 9N4.0 (BY OTHERS)
- 8 EXTERIOR LIGHT
- 9 NOT USED
- 10 EGRESS DOOR
- 11 NON-ABSORBENT FLOOR AREA (2'-0" MIN. IN ALL DIRECTIONS - ALL ENTRY DOOR) CHANGES IN LEVEL ARE NOT PERMITTED IN DOOR MANEUVERING CLEARANCE UNLESS NON-ABSORBENT MATERIAL IS FLUSH WITH CARPET (11B-404.2.4).
- 12 ROOF HATCH/LADDER
- 13 OCCUPANT LOAD SIGN PER DETAIL 11N4.0 (BY OTHERS)
- 14 DOWNSPOUT - CONNECTED TO SITE DRAINAGE - BY OTHERS (QUANTITY AND LOCATION MAY VARY)
- 15 HVAC OUTLINE - SEE MECHANICAL
- 16 ELECTRICAL PANEL (LOCATION MAY VARY)
- 17 THERMOSTAT
- 18 FLOOR LIVE LOAD SIGN PER 2019 CBC SECTION 108.1 (FLOOR LIVE LOAD SIGN IS REQUIRED ONLY FOR COMMERCIAL OR INSTITUTIONAL BUILDINGS DESIGNED WITH LIVE LOADS EXCEEDING 50 PSF) WHERE 150 PSF LIVE LOAD IS SPECIFIED. THE TEXT "LONG TERM STORAGE NOT PERMITTED" SHALL ALSO BE INCLUDED ON THE SIGN.
- 19 ASSISTIVE LISTENING (AL) SIGN POSTED IN PROMINENT PLACE AT OR NEAR THE ENTRANCE PER 17N4.0.
- 20 NOT USED
- 21 NOT USED
- 22 FIRE RISER
- 23 APPLIANCES (BY OTHERS) - SPECIFIED TYPE OF APPLIANCES PER FS-102 FS-201
- 24 NOT USED
- 25 NOT USED
- 26 FURNITURE (BY OTHERS) - SPECIFIED TYPE OF APPLIANCES PER FS-102 FS-201
- 27 EXPOSED CONCRETE FLOORING
- 28 VINYL SHEET FLOORING
- 29 VCT FLOORING
- 30 NOT USED
- 31 FLOOR DRAIN PER P1.0
- 32 NOT USED
- 33 NOT USED
- 34 NOT USED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR:
 SS FL ACS
 DATE: 08/26/2022



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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24' x 40' (1)144' x 40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED, SIGNED BY THE REGISTERED PROFESSIONAL ARCHITECT.

REVISIONS

DRAWN BY: JM/KA
 SCALE: AS NOTED
 DATE: 06/20/22
 PROJECT NO: 1624-21
 SHEET TITLE:

FLOOR PLAN - BLDG A

SHEET NUMBER:
A1.0A

FLOOR PLAN - BLDG A

SCALE: 1/4" = 1'-0" 1

KEY NOTES

BUILDING SCHEDULE			
BUILDING SCHEDULE (FT)	TOTAL OF 12'0" WIDE MODULES	TOTAL OF CENTER MODULES	OVERALL BUILDING WIDTH
24'x40'	2	0	23'-6 1/2"
36'x40'	3	1	35'-6 1/2"
48'x40'	4	2	47'-4"
60'x40'	5	3	59'-3 1/2"
72'x40'	6	4	71'-1 1/2"
84'x40'	7	5	82'-11 1/2"
96'x40'	8	6	94'-10"
108'x40'	9	7	106'-8 1/2"
120'x40'	10	8	118'-6 1/2"
144'x40'	12	10	142'-2 1/2"

NOTES:
 1. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEET S1.2

- (A) MECHANICAL OR PLUMBING FIXTURE - SEE MECHANICAL OR PLUMBING DRAWINGS
- (X) KEY NOTE - SEE KEY NOTES ABOVE
- (D) DOOR TYPE - SEE SCHEDULE, SHEET N3.0
- (W) WINDOW TYPE - SEE SCHEDULE, SHEET N3.0

- WALL TYPE LEGEND
 WALL FRAMING PER S8.0 AND S8.1
- 2X4 WALL
 - 2X6 WALL
 - 2X8 WALL
 - 1-HR FIRE RATED WALL PER A8.0 AND A8.2

NOTES:
 FOR ALL ENERGY NOTES REFER TO A1.0
 FOR ALL ACOUSTIC NOTES REFER TO A1.0
 FOR ALL SHEET NOTES REFER TO A1.0
 FOR REFLECTED CEILING PLANS REFER TO M1.0 - M1.00

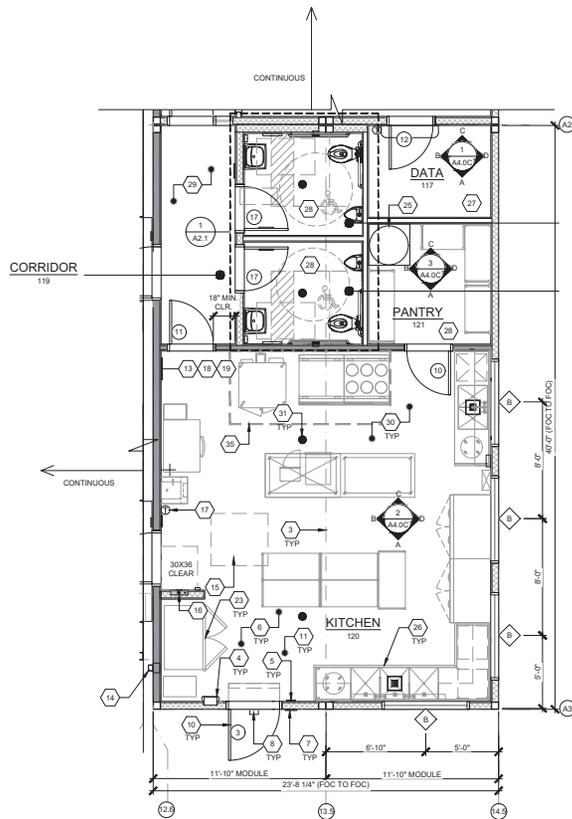
BUILDING SCHEDULE

SYMBOLS LEGEND

WALL LEGEND

NOTES

NOT USED



RESTROOM
118
RANGE: 19-ADULT

RESTROOM
119
RANGE: 19-ADULT

CORRIDOR
119

CONTINUOUS

CONTINUOUS

- 1 NOT USED
- 2 NOT USED
- 3 TYP. MOD LINE
- 4 FIRE EXTINGUISHER - TOP OF HANDLE 45" A.F.F. 4" MAX PROTRUSION FROM WALL IF BOTTOM OF FIRE EXTINGUISHER IS ABOVE 27" A.F.F. CLASS "C" PROVIDED IN KITCHEN WITHIN 30" OF HOOD
- 5 TACTILE EXIT SIGN PER DETAIL 10N4.0 (BY OTHERS)
- 6 EGRESS AREA
- 7 ROOM SIGNAGE AND I.S.A. PER DETAILS 5 9N4.0 (BY OTHERS)
- 8 EXTERIOR LIGHT
- 9 NOT USED
- 10 EGRESS DOOR
- 11 NON-ABSORBENT FLOOR AREA (2'-0" MIN. IN ALL DIRECTIONS ALL ENTRY DOOR) CHANGES IN LEVEL ARE NOT PERMITTED IN DOOR MANEUVERING CLEARANCE UNLESS NON-ABSORBENT MATERIAL IS FLUSH WITH CARPET (11B-404.2.4).
- 12 NOT USED
- 13 OCCUPANT LOAD SIGN PER DETAIL 11N4.0 (BY OTHERS)
- 14 DOWNSPOUT - CONNECTED TO SITE DRAINAGE - BY OTHERS (QUANTITY AND LOCATION MAY VARY)
- 15 HVAC OUTLINE - SEE MECHANICAL
- 16 ELECTRICAL PANEL (LOCATION MAY VARY)
- 17 THERMOSTAT
- 18 FLOOR LIVE LOAD SIGN PER 2019 CBC SECTION 106.1. (FLOOR LIVE LOAD SIGN IS REQUIRED ONLY FOR COMMERCIAL OR INSTITUTIONAL BUILDINGS DESIGNED WITH LIVE LOADS EXCEEDING 50 PSF) WHERE 50 PSF LIVE LOAD IS SPECIFIED, THE TEXT "LONG TERM STORAGE NOT PERMITTED" SHALL ALSO BE INCLUDED ON THE SIGN
- 19 ASSISTIVE LISTENING (AL) SIGN POSTED IN PROMINENT PLACE AT OR NEAR THE ENTRANCE PER 17N4.0.
- 20 NOT USED
- 21 NOT USED
- 22 NOT USED
- 23 APPLIANCES (BY OTHERS) - SPECIFIED TYPE OF APPLIANCES PER FS-102 FS-201
- 24 NOT USED
- 25 WATER HEATER - REFER TO 1P2.0
- 26 FURNITURE (BY OTHERS) - SPECIFIED TYPE OF APPLIANCES PER FS-102 FS-201
- 27 EXPOSED CONCRETE FLOORING
- 28 VINYL SHEET FLOORING
- 29 VCT FLOORING
- 30 EPOXY FLOORING
- 31 FLOOR DRAIN PER P1.0
- 32 NOT USED
- 33 NOT USED
- 34 NOT USED
- 35 HOOD - PROVIDED AND INSTALLED BY G.C. PER FS-502 AND FS-802

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR
SS FLA AS CS
DATE: 08/30/2022

AMS
American Modular Systems
757 Spruce 4th Ave., Manteca, CA 95236
Phone (209) 825-1921 Fax (209) 825-7018
www.americanmodular.com

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PRE-CHECKED SET NAME
MODULAR BUILDING
CONSISTING OF
40' 24' MODULES
EVOLVE
SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
(1)48' x 40', (2)24'x40' (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS OTHERWISE INDICATED BY THE NUMBER OF REVISIONS.

REVISIONS

DRAWN BY: JM/KA
SCALE: AS NOTED
DATE: 06/29/22
PROJECT NO: 1074-21
SHEET TITLE:

FLOOR PLAN - BLDG B

SHEET NUMBER:

A1.0B

FLOOR PLAN - BLDG B

SCALE: 1/4" = 1'-0"

KEY NOTES

BUILDING SCHEDULE			
BUILDING SIZE (FT)	TOTAL OF 12'0" WIDE MODULES	TOTAL OF CENTER MODULES	OVERALL BUILDING WIDTH ¹
<input checked="" type="checkbox"/> 24x40	2	0	23'-6 1/2"
<input checked="" type="checkbox"/> 36x40	3	1	35'-6 1/2"
<input type="checkbox"/> 48x40	4	2	47'-0"
<input type="checkbox"/> 60x40	5	3	59'-0"
<input type="checkbox"/> 72x40	6	4	71'-0"
<input type="checkbox"/> 84x40	7	5	82'-11 1/2"
<input type="checkbox"/> 96x40	8	6	94'-10"
<input type="checkbox"/> 108x40	9	7	106'-4 1/2"
<input type="checkbox"/> 120x40	10	8	118'-0"
<input type="checkbox"/> 144x40	12	10	142'-2 1/2"

NOTES:
1. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEET S1.2

- MECHANICAL OR PLUMBING FIXTURE - SEE MECHANICAL OR PLUMBING DRAWINGS
- KEY NOTE - SEE KEY NOTES ABOVE
- DOOR TYPE - SEE SCHEDULE, SHEET N3.0
- WINDOW TYPE - SEE SCHEDULE, SHEET N3.0

WALL TYPES LEGEND
WALL FRAMING PER S8.0 AND S8.1

	2x4 WALL
	2x6 WALL
	2x8 WALL
	1-HR FIRE RATED WALL PER A8.0-AB.2

NOTES:
FOR ALL ENERGY NOTES REFER TO A1.0
FOR ALL ACOUSTIC NOTES REFER TO A1.0
FOR ALL SHEET NOTES REFER TO A1.0
FOR REFLECTED CEILING PLANS REFER TO M1.0 - M1.00

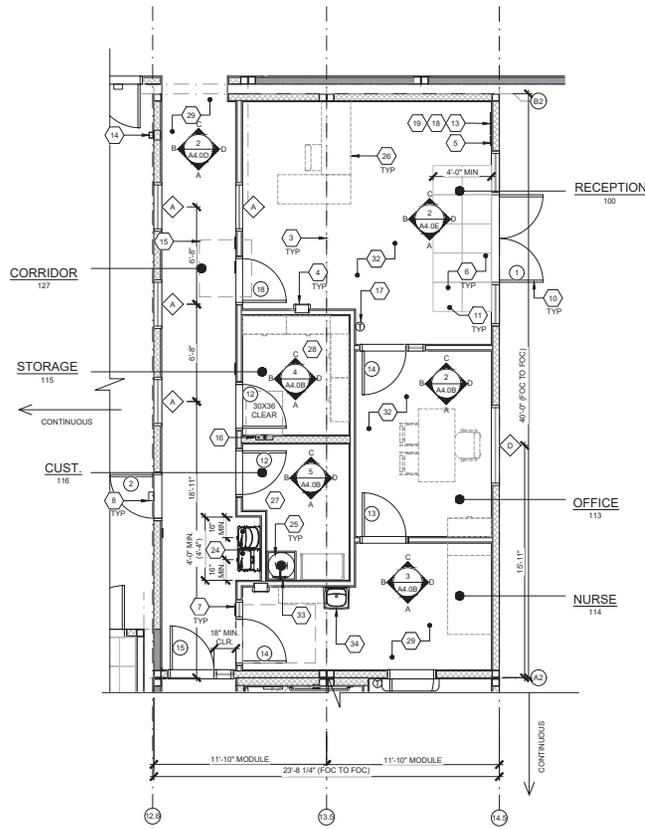
BUILDING SCHEDULE

SYMBOLS LEGEND

WALL LEGEND

NOTES

NOT USED



- 1 NOT USED
- 2 NOT USED
- 3 TYP. MOD LINE
- 4 FIRE EXTINGUISHER - TOP OF HANDLE 48" A.F.F. 4" MAX PROTRUSION FROM WALL IF BOTTOM OF FIRE EXTINGUISHER IS ABOVE 27" A.F.F.
- 5 TACTILE EXIT SIGN PER DETAIL 10N4.0 (BY OTHERS)
- 6 EGRESS AREA
- 7 ROOM SIGNAGE AND I.S.A. PER DETAILS 5 9N4.0 (BY OTHERS)
- 8 EXTERIOR LIGHT
- 9 NOT USED
- 10 EGRESS DOOR
- 11 NON-ABSORBENT FLOOR AREA (2'-0" MIN. IN ALL DIRECTIONS ALL ENTRY DOOR) CHANGES IN LEVEL ARE NOT PERMITTED IN DOOR MANEUVERING CLEARANCE UNLESS NON-ABSORBENT MATERIAL IS FLUSH WITH CARPET (11B-404.2.4).
- 12 NOT USED
- 13 OCCUPANT LOAD SIGN PER DETAIL 11N4.0 (BY OTHERS)
- 14 DOWNSPOUT - CONNECTED TO SITE DRAINAGE - BY OTHERS (QUANTITY AND LOCATION MAY VARY)
- 15 HVAC OUTLINE - SEE MECHANICAL
- 16 ELECTRICAL PANEL (LOCATION MAY VARY)
- 17 THERMOSTAT
- 18 FLOOR LIVE LOAD SIGN PER 2019 CBC SECTION 106.1. (FLOOR LIVE LOAD SIGN IS RE-USED ONLY FOR COMMERCIAL OR INSTITUTIONAL BUILDINGS DESIGNED WITH LIVE LOADS EXCEEDING 50 PSF) WHERE 50 PSF LIVE LOAD IS SPECIFIED, THE TEXT "LONG TERM STORAGE NOT PERMITTED" SHALL ALSO BE INCLUDED ON THE SIGN.
- 19 ASSISTIVE LISTENING (AL) SIGN POSTED IN PROMINENT PLACE AT OR NEAR THE ENTRANCE PER 17N4.0.
- 20 NOT USED
- 21 NOT USED
- 22 NOT USED
- 23 NOT USED
- 24 DRINKING FOUNTAIN - REFER TO 11P2.0
- 25 WATER HEATER - REFER TO 1P2.0
- 26 FURNITURE (BY OTHERS) - SPECIFIED TYPE OF APPLIANCES PER FS-102 FS-201
- 27 EXPOSED CONCRETE FLOORING
- 28 VINYL SHEET FLOORING
- 29 VCT FLOORING
- 30 NOT USED
- 31 NOT USED
- 32 LVT FLOORING
- 33 CUSTODIAN SINK PER P1.0
- 34 LAVATORY PER P1.0

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR:
SS FLS ACS
DATE: 08/30/2022

AMS
American Modular Systems
787 Spruce 4th Ave., Manteca, CA 95236
Phone (209) 825-1921 Fax (209) 825-7018
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PRE-CHECKED SET NAME
**MODULAR BUILDING
CONSISTING OF
40' 24' MODULES**
EVOLVE
SITE SPECIFIC PROJECT NAME
**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER**
(1)48' x 40', (2)24'x40' (1)144'x40' MODULES

SEAL
STATE ARCHITECT
J. M. JARA
NOV 13 2021
REV 3.21.23
STATE OF CALIFORNIA

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REVISIONS

DRAWN BY: JMAKA
SCALE: AS NOTED
DATE: 07/25/22
PROJECT NO: 1074-21
SHEET TITLE:
FLOOR PLAN - BLDG C
SHEET NUMBER:
A1.0C

FLOOR PLAN - BLDG C

SCALE: 1/4" = 1'-0"

KEY NOTES

BUILDING SCHEDULE			
BUILDING SCHEDULE (FT)	TOTAL OF 12'0" WIDE MODULES	TOTAL OF CENTERS MODULES	OVERALL BUILDING WIDTH ¹
<input checked="" type="checkbox"/> 24'x40'	2	0	23'-8 1/4"
<input type="checkbox"/> 36'x40'	3	1	35'-0 1/4"
<input type="checkbox"/> 48'x40'	4	2	47'-0"
<input type="checkbox"/> 60'x40'	5	3	58'-3 1/4"
<input type="checkbox"/> 72'x40'	6	4	71'-1 1/4"
<input type="checkbox"/> 84'x40'	7	5	82'-11 1/4"
<input type="checkbox"/> 96'x40'	8	6	94'-10"
<input type="checkbox"/> 108'x40'	9	7	106'-8 1/4"
<input type="checkbox"/> 120'x40'	10	8	118'-6 1/4"
<input type="checkbox"/> 144'x40'	12	10	142'-2 3/4"

NOTES:
1. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEET S1.2

- A MECHANICAL OR PLUMBING FIXTURE - SEE MECHANICAL OR PLUMBING DRAWINGS
- X KEY NOTE - SEE KEY NOTES ABOVE
- X DOOR TYPE - SEE SCHEDULE, SHEET N3.0
- ◇ WINDOW TYPE - SEE SCHEDULE, SHEET N3.0

- WALL TYPES LEGEND**
WALL FRAMING PER S8.0 AND S8.1
- 2X4 WALL
 - 2X8 WALL
 - 2X8 WALL
 - 1-HR FIRE RATED WALL PER A8.0-A8.2

NOTES:
FOR ALL ENERGY NOTES REFER TO A1.0
FOR ALL ACOUSTIC NOTES REFER TO A1.0
FOR ALL SHEET NOTES REFER TO A1.0
FOR REFLECTED CEILING PLANS REFER TO M1.0 - M1.00

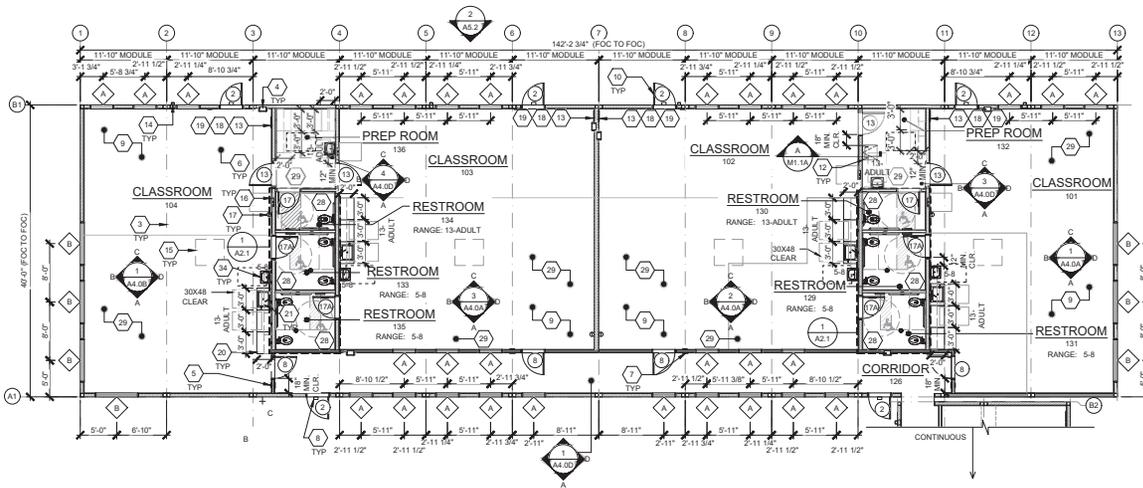
BUILDING SCHEDULE

SYMBOLS LEGEND

WALL LEGEND

NOTES

NOT USED



- 1 NOT USED
- 2 NOT USED
- 3 TYP. MOD LINE
- 4 FIRE EXTINGUISHER - TOP OF HANDLE 48" A.F.F. 4" MAX PROTRUSION FROM WALL IF BOTTOM OF FIRE EXTINGUISHER IS ABOVE 27" A.F.F.
- 5 TACTILE EXIT SIGN PER DETAIL 10N4.0 (BY OTHERS)
- 6 EGRESS AREA
- 7 ROOM SIGNAGE AND I.S.A. PER DETAILS 5 9N4.0 (BY OTHERS)
- 8 EXTERIOR LIGHT
- 9 CARPET
- 10 EGRESS DOOR
- 11 NOT USED
- 12 ROOF HATCH/LADDER
- 13 OCCUPANT LOAD SIGN PER DETAIL 11N4.0 (BY OTHERS)
- 14 DOWNSPOUT - CONNECTED TO SITE DRAINAGE - BY OTHERS (QUANTITY AND LOCATION MAY VARY)
- 15 HVAC OUTLINE - SEE MECHANICAL
- 16 ELECTRICAL PANEL (LOCATION MAY VARY)
- 17 THERMOSTAT
- 18 FLOOR LIVE LOAD SIGN PER 2019 CBC SECTION 106.1. (FLOOR LIVE LOAD SIGN IS REQUIRED ONLY FOR COMMERCIAL OR INSTITUTIONAL BUILDINGS DESIGNED WITH LIVE LOADS EXCEEDING 50 PSF) WHERE 150 PSF LIVE LOAD IS SPECIFIED, THE TEXT "LONG TERM STORAGE NOT PERMITTED" SHALL ALSO BE INCLUDED ON THE SIGN.
- 19 ASSISTIVE LISTENING (AL) SIGN POSTED IN PROMINENT PLACE AT OR NEAR THE ENTRANCE PER 17N4.0.
- 20 CASEWORK - BLOCKING AS NEEDED PER 8/A7.1
- 21 CASEWORK W/ SINK - BLOCKING AS NEEDED PER 8/A7.1 REFER TO 17I.
- 22 NOT USED
- 23 NOT USED
- 24 NOT USED
- 25 WATER HEATER - REFER TO 1/P2.0
- 26 NOT USED
- 27 NOT USED
- 28 VINYL SHEET FLOORING
- 29 VCT FLOORING
- 30 NOT USED
- 31 NOT USED
- 32 NOT USED
- 33 NOT USED
- 34 LAVATORY PER P1.0

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-120944 INC.
REVIEWED FOR
SS FL ACS
DATE: 08/26/2022

AMS
American Modular Systems
757 Spruce Ave., Manteca, CA 95236
Phone (209) 825-1921 Fax (209) 825-7018
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PRE-CHECKED SET NAME
**MODULAR BUILDING
CONSISTING OF
40' 24' MODULES**
EVOLVE

SITE SPECIFIC PROJECT NAME
**PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER**
(1)148' x 40', (2)24'x40' (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS OTHERWISE INDICATED BY THE NUMBER OF RECORDS.

REVISIONS

DRAWN BY: JM/KA
SCALE: AS NOTED
DATE: 06/29/22
PROJECT NO: 1674-21
SHEET TITLE:

FLOOR PLAN - BLDG D

SHEET NUMBER:
A1.0D

FLOOR PLAN - BLDG D

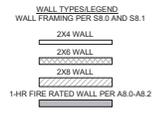
SCALE: 1/8" = 1'-0"

KEY NOTES

BUILDING SCHEDULE			
BUILDING SIZE (FT)	TOTAL OF 12'0" WIDE MODULES	TOTAL OF CENTER MODULES	OVERALL BUILDING WIDTH ¹
24x40	2	0	23'-6 1/2"
36x40	3	1	35'-6 1/2"
48x40	4	2	47'-5"
60x40	5	3	59'-3 1/2"
72x40	6	4	71'-1 1/2"
84x40	7	5	82'-11 1/2"
96x40	8	6	94'-10"
108x40	9	7	106'-8 1/2"
120x40	10	8	118'-6 1/2"
144x40	12	10	142'-2 3/4"

NOTES:
1. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEET S1.2

- (A) MECHANICAL OR PLUMBING FIXTURE - SEE MECHANICAL OR PLUMBING DRAWINGS
- (X) KEY NOTE - SEE KEY NOTES ABOVE
- (D) DOOR TYPE - SEE SCHEDULE, SHEET N3.0
- (W) WINDOW TYPE - SEE SCHEDULE, SHEET N3.0



NOTES:
FOR ALL ENERGY NOTES REFER TO A1.0
FOR ALL ACOUSTIC NOTES REFER TO A1.0
FOR ALL SHEET NOTES REFER TO A1.0
FOR REFLECTED CEILING PLANS REFER TO M1.0 - M1.0D

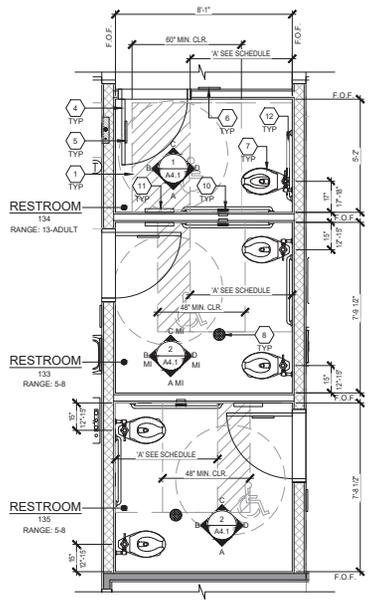
BUILDING SCHEDULE

SYMBOLS LEGEND

WALL LEGEND

NOTES

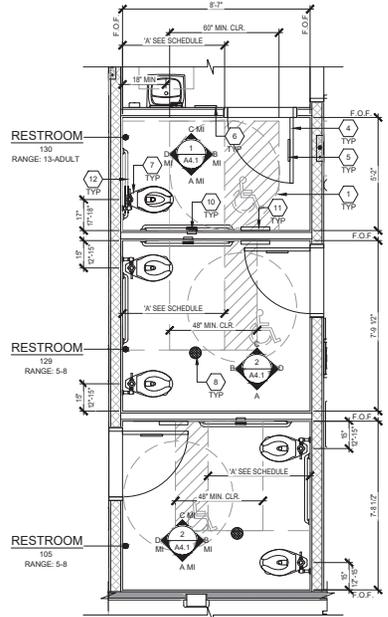
NOT USED



RESTROOM 133,134 & 135

SCALE: 3/8" = 1'-0"

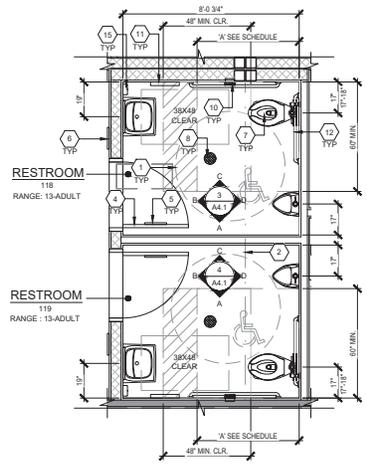
1



RESTROOM 129,120 & 131

SCALE: 3/8" = 1'-0"

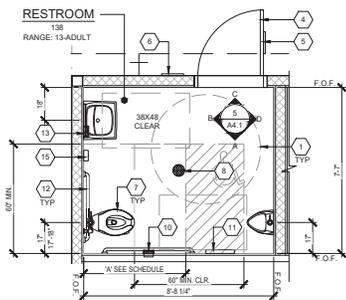
2



RESTROOM 118 & 119

SCALE: 3/8" = 1'-0"

3

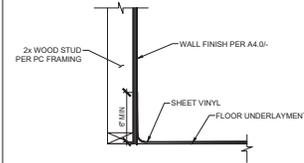


RESTROOM 138

SCALE: 3/8" = 1'-0"

4

NOT USED



PROTECTION OF WOOD WALLS @ TOILET ROOMS

SCALE: 1/8" = 1'-0"

5

- 1 CLEAR FLOOR SPACE AREA
- 2 TYP. MOD LINE
- 3 NOT USED
- 4 DOOR PER SCHEDULE ON SHEET N3.0, TYP.
- 5 RESTROOM SIGNAGE (BY OTHERS) PER DETAILS 1-8, SHEET N4.0
- 6 ROOM AND ISA SIGNAGE (BY OTHERS) PER DETAILS 5&8N4.0
- 7 PLUMBING FIXTURE PER P1.0
- 8 FLOOR DRAIN (LOCATION MAY VARY) - PER P1.0, 1-8& FLOOR SLOPE MAX
- 9 NOT USED
- 10 TOILET TISSUE DISPENSER PER P1.0
- 11 TOILET SEAT COVER DISPENSER PER P1.0
- 12 GRAB BARS - SEE 8&A7.1
- 13 INSTA HOT WATER HEATER
- 14 NOT USED
- 15 SOAP DISPENSER

KEY NOTES

1. DIMENSIONS ARE TO FACE OF FINISH (F.O.F.) UNLESS NOTED OTHERWISE (i.e. F.O.C.).
2. RESTROOM CONFIGURATION MAY VARY PER BUILDING CONFIGURATION. RESTROOM MODULE OCCURS ONLY AT END OF BUILDING. SINGLE RESTROOMS MAY OCCUR IN ANY PART OF A BUILDING. RESTROOM MODULE CANNOT STAND ALONE AND SHALL BE ASSEMBLED TOGETHER WITH AT LEAST ONE OTHER MODULE OF THE SAME SIZE.
3. INTERIOR WALLS MAY OCCUR THROUGHOUT BUILDING. REFER TO SHEET S8.1 OR S8.1 FOR ATTACHMENTS.
4. REFER TO SCHEDULE 10P2.0 FOR ACCESSIBLE HEIGHTS & DIMENSIONS.
5. REFER TO DETAILS 3, 4 & 5, SHEET A7.1 FOR TOILET PARTITION ANCHORAGE BLOCKING.
6. SEWER AND WATER STUB OUTS SHALL BE LOCATED WITHIN THE ALLOWABLE AREA AS SHOWN ON FLOOR PLAN AND CONNECTIONS SHALL BE EASILY ACCESSIBLE FOR FUTURE RELOCATION. STUB OUT HEIGHT SHALL BE COORDINATED BY THE MANUFACTURER.
7. PIPING MATERIAL
 - a. WATER: COPPER TYPE "L", 955 SOLDER.
 - b. WASTE DRAIN AND VENT: ABS.
8. TOILET COMPARTMENT DOORS LOCATED IN THE FRONT PARTITION SHALL BE 4" MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET, PER C.B.C. SECTION 11B-604.8.1.2.

PLUMBING NOTE

MODULAR MFR. TO STUB THROUGH FLOOR ALL PLUMBING LINES. BUILDING PERIMETER POC'S SHOWN ARE FOR COORDINATION PURPOSES ONLY. ALL UNDER-FLOOR CONNECTIONS ARE BY SITE CONTRACTOR, U.O.N.

SITE NOTE

3/16" (1%) MINIMUM TO 1/4" (2%) MAXIMUM GRADE FROM FACE OF BUILDING MUST BE ADHERED TO FOR WATER RUN-OFF. PONDING MAY OCCUR AROUND THE PERIMETER OF THE BUILDING.

GENERAL NOTES

- 1 = KEY NOTE - SEE KEY NOTES, THIS SHEET
- 2 = 60" DIAMETER CLEAR FLOOR TURNING SPACE
- 3 = 30"x48" CLEAR FLOOR SPACE

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR:
 SS FL S ACS
 DATE: 08/26/2022

American Modular Systems
 787 Spreckels Ave., Manteca, CA 95336
 Phone (209) 825-1921 Fax (209) 825-7018
 www.americanmodular.com

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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' & 24' MODULES

SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40' (2)24'x40' & (1)144'x40' MODULES

THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED BY THE ARCHITECT OR RECORDS.

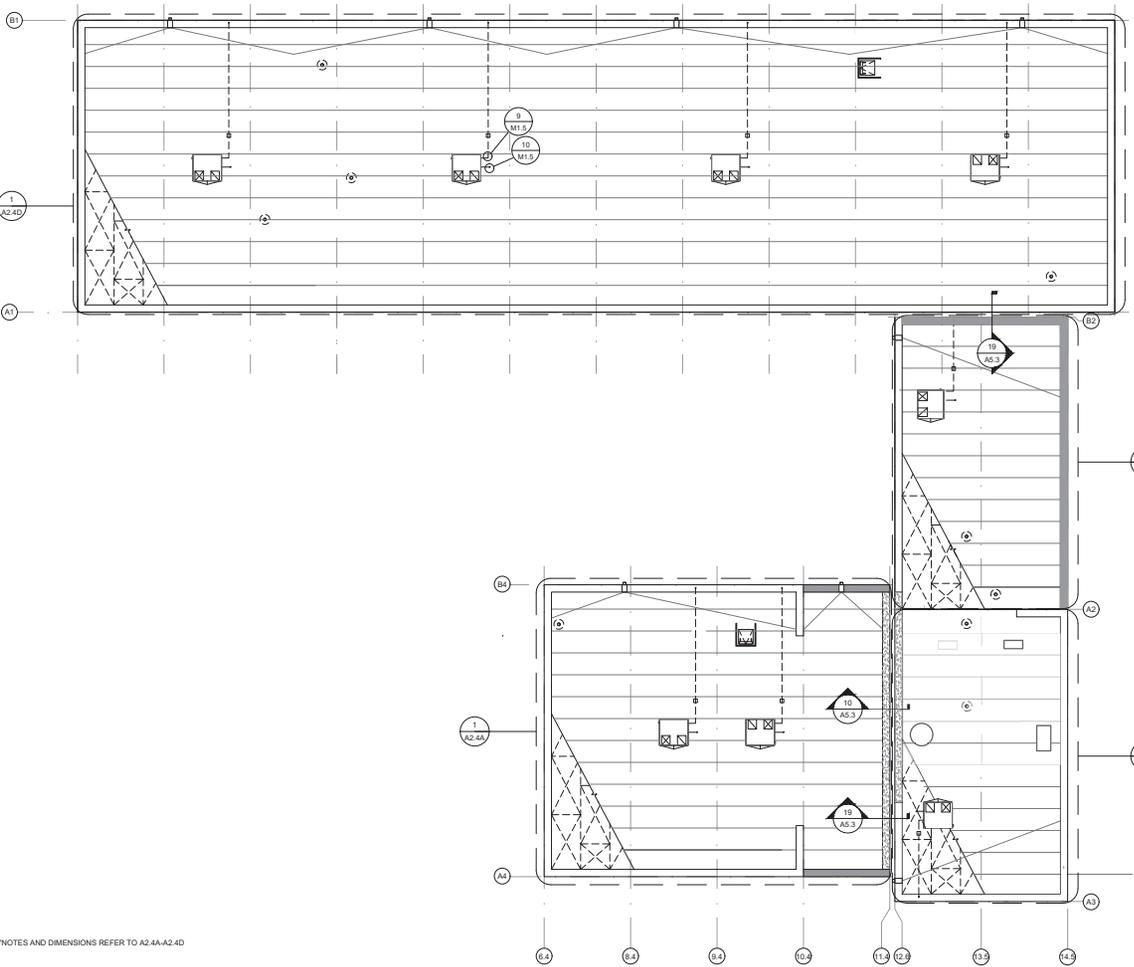
NO.	REVISIONS

DRAWN BY: JMARA
 SCALE: AS NOTED
 DATE: 08/29/22
 PROJECT NO: 1674-21
 SHEET TITLE:
RESTROOM FLOOR PLAN
 OPTIONS

SHEET NUMBER:

A1.2

SYMBOLS LEGEND



NOTE: FOR ALL KEYNOTES AND DIMENSIONS REFER TO A2.4A-A2.4D

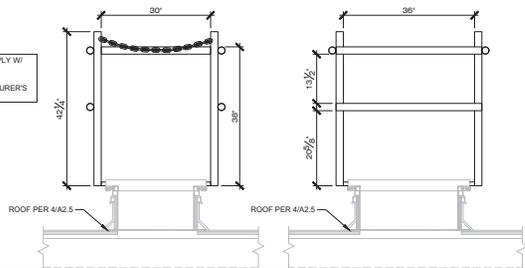
OVERALL ROOF PLAN

SCALE: 1/8" = 1'-0" 1

- PARAPET HEIGHT +18'-0" A.F.F.
- PARAPET HEIGHT +16'-0" A.F.F.
- PARAPET HEIGHT NOMINAL +6" ABOVE ROOF DECK

NOTE: FOR PARAPET DETAILS REFER TO S4.4B

ROOF HATCH SAFETY RAIL TO COMPLY W/ OSG 1015.7. BOLT SAFETY RAIL TO SUPPORTS THAT ARE WELDED TO THE HATCH PER THE MANUFACTURER'S INSTALLATION DIRECTIONS.



SCALE: 3/4" = 1'-0" 3

NOT USED 4

- NOT USED**
1. NOT USED
 2. GUTTERS SHALL BE LOCATED PER LOCATIONS SHOWN ON PLANS
 3. ROOF SHEATHING PER SHEET S4.1 IS REQUIRED FOR SINGLE-PLY OR BUILT-UP ROOFING ON MONO-SLOPE SLOPED BUILDING(S).
 4. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEETS.
 5. REFER TO S4.4A FOR STRUCTURAL OVERALL PLAN

- SHEET NOTES**
- SOLAR ZONE REQUIRED. PER TITLE 24 SECTION 110.10. FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 15% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.
1. REQUIRED SOLAR-READY ZONE, AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
 2. ZONE MUST BE LEFT VOID OF ROOF-MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
 3. TOTAL AREA REQUIRED FOR SOLAR-READY ZONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
 4. SOLAR-READY ZONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
 5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEETS, WHICH DOES INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
 6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
 7. A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
 8. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

SOLAR-READY ZONE REQUIREMENTS

IDENTIFICATION STAMP
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 SF FL ACS
 DATE: 08/26/2022



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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SHOWN & SIGNED BY THE ENGINEER OF RECORD.

REVISIONS	

DRAWN BY: JMAKA
 SCALE: AS NOTED
 DATE: 07/2022
 PROJECT NO: 1874-21
 SHEET TITLE:
OVERALL ROOF PLAN
SINGLE-PLY
(WITH PARAPETS)
 SHEET NUMBER:

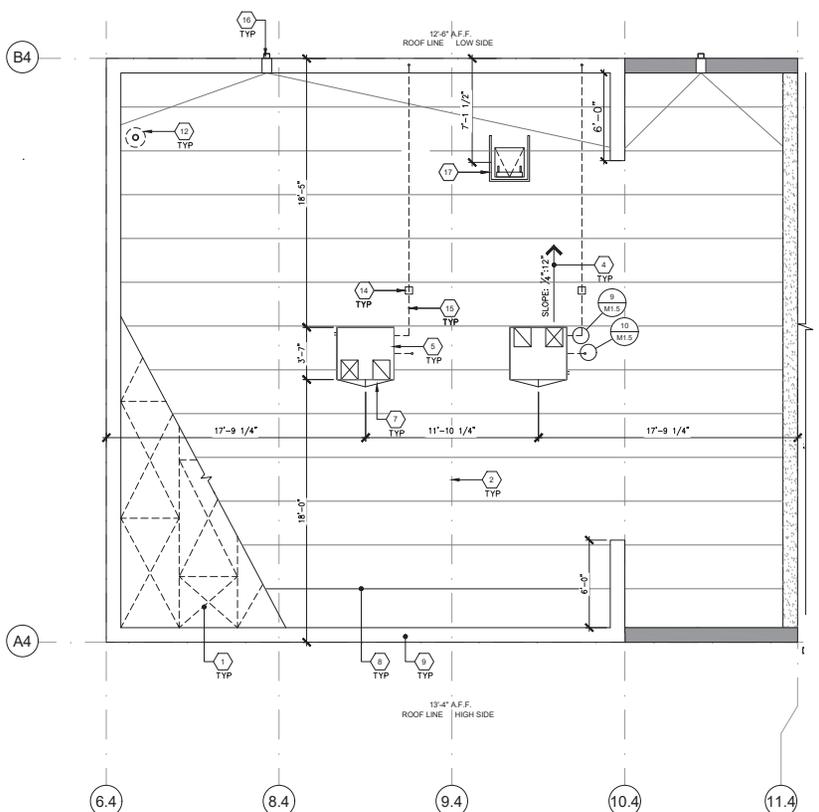
A2.4

PARAPET HEIGHT LEGEND

SAFETY RAIL FOR ROOF OPENINGS

NOT USED

SOLAR-READY ZONE REQUIREMENTS



REFER TO S4.4B FOR CONTINUATION

- 1 ROOF SHEATHING PER SHEET S4.1
- 2 TYPICAL MOD LINE
- 3 NOT USED
- 4 TYPICAL ROOF SLOPE
- 5 ROOF MOUNTED HVAC PER M1.7
- 6 NOT USED
- 7 CRICKET HVAC PER 12A2.5
- 8 SINGLE-PLY ROOFING PER SHEET A2.5
- 9 PARAPET PER SHEET S4.3 - REFER TO PARAPET HEIGHT LEGEND 2: FOR HEIGHT CLARITY S4.4A - S4.4B FOR DETAILS
- 10 NOT USED
- 11 NOT USED
- 12 PIPE VENT PER PLUMBING PLANS 2M1.6
- 13 NOT USED
- 14 ROOF-TOP PIPE SUPPORT BLOCK PER DETAIL 3M1.6
- 15 CONDENSATE LINE PER DETAIL 9M1.5
- 16 SCUPPER PARAPET OPTION - SEE DETAIL 6A2.5
- 17 ROOF HATCH W/SAFETY GUARD RAIL SEE 11A7.1 FOR ROOF HATCH DETAIL AND 3A2.4 FOR GUARD RAIL DETAIL

KEY NOTES

1. NOT USED
2. GUTTERS SHALL BE LOCATED PER LOCATIONS SHOWN ON PLANS
3. ROOF SHEATHING PER SHEET S4.1 IS RE-USED FOR SINGLE-PLY OR BUILT-UP ROOFING ON MONO-SLOPE SLOPED BUILDING(S)
4. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEETS
5. REFER TO S4.4A FOR STRUCTURAL OVERALL PLAN

SHEET NOTES

- SOLAR-READY: ONE RE-USED PER TITLE 24 SECTION 110.10 - FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 1% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.
1. RE-USED SOLAR-READY: ONE AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
 2. ONE MUST BE LEFT VOID OF ROOF-MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
 3. TOTAL AREA RE-USED FOR SOLAR-READY: ONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
 4. SOLAR-READY: ONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
 5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEET S1, WHICH DOES INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
 6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
 7. A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
 8. A SEPARATE DSA APPLICATION NUMBER IS RE-USED FOR DESIGN INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE ROOF SUPPORT STRUCTURE.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR:
 SS [] FL5 [] ACS []
 DATE: 08/26/2022

AMS
 American Modular Systems
 787 Spruce Ave., Manteca, CA 95236
 Phone (209) 825-1921 Fax (209) 825-7018
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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' (1)144'x40' MODULES

SEAL: PATRICK J. ...
 REGISTERED ARCHITECT
 No. 120331
 Exp. 3/31/23
 STATE OF CALIFORNIA

THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS OTHERWISE INDICATED BY THE NUMBER OF REVISIONS.

NO.	REVISIONS

DRAWN BY:	JMAKA
SCALE:	AS NOTED
DATE:	07/22/22
PROJECT NO:	1974-21
SHEET TITLE:	BUILDING A SINGLE-PLY (WITH PARAPETS)
SHEET NUMBER:	A2.4A

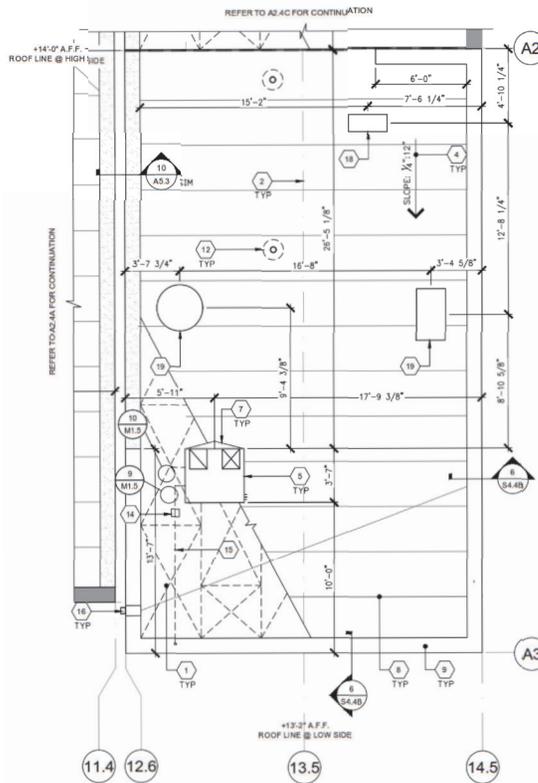
BUILDING A ROOF PLAN

SCALE: 1/8" = 1'-0" **1**

	PARAPET HEIGHT 18'-0" A.F.F.
	PARAPET HEIGHT 16'-0" A.F.F.
	PARAPET HEIGHT NOMINAL 6" ABOVE ROOF DECK

NOTE: FOR PARAPET DETAILS REFER TO S4.4B

PARAPET HEIGHT LEGEND	2 NOT USED	3 NOT USED	4 SOLAR-READY ONE RE-USEMENTS
-----------------------	------------	------------	-------------------------------



- 1 ROOF SHEATHING PER SHEET S4.1
- 2 TYPICAL MOD LINE
- 3 NOT USED
- 4 TYPICAL ROOF SLOPE
- 5 ROOF MOUNTED HVAC PER M1.7
- 6 NOT USED
- 7 CRICKET @ HVAC PER 12A2.5
- 8 SINGLE-PLY ROOFING PER SHEET A2.5
- 9 PARAPET PER SHEET S4.3 - REFER TO PARAPET HEIGHT LEGEND 2: FOR HEIGHT CLARITY & S4.4A & S4.4B FOR DETAILS
- 10 NOT USED
- 11 NOT USED
- 12 PIPE VENT PER PLUMBING PLANS & 2M1.6
- 13 NOT USED
- 14 ROOF-TOP PIPE SUPPORT BLOCK PER DETAIL 3M1.6
- 15 CONDENSATE LINE PER DETAIL 9M1.5
- 16 SCUPPER @ PARAPET OPTION - SEE DETAIL 6A2.5
- 17 ROOF HATCH W/SAFETY GUARD RAIL - SEE 11A1.1 FOR ROOF HATCH DETAIL AND 9A2.4 FOR GUARD RAIL DETAIL
- 18 MINI-SPLIT CONDENSER PER 8M1.1B
- 19 MAKE UP AIR UNITS - BY THE GENERAL CONTRACTOR PER DETAIL(S) ON SHEET A811

KEY NOTES

- 1. NOT USED
- 2. GUTTERS SHALL BE LOCATED PER LOCATIONS SHOWN ON PLANS
- 3. ROOF SHEATHING PER SHEET S4.1 IS REQUIRED FOR SINGLE-PLY OR BUILT-UP ROOFING ON MONO-SLOPE SLOPED BUILDING(S)
- 4. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEETS
- 5. REFER TO S4.4A FOR STRUCTURAL OVERALL PLAN

SHEET NOTES

- SOLAR ZONE REQUIRED: PER TITLE 24 SECTION 110.10: FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 15% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.
- 1. REQUIRED SOLAR-READY ZONE, AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
 - 2. ZONE MUST BE LEFT VOID OF ROOF-MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
 - 3. TOTAL AREA REQUIRED FOR SOLAR-READY ZONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
 - 4. SOLAR-READY ZONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
 - 5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEETS, WHICH DOES INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
 - 6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
 - 7. A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
 - 8. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR:
 88 FLS ACS
 DATE: 08/09/2022

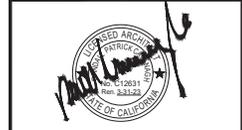
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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' & 24' MODULES

EVOLVE

SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS STAMPED & SIGNED BY THE ENGINEER OF RECORD.

REVISIONS	

DRAWN BY: JMAKA
 SCALE: AS NOTED
 DATE: 07/20/22
 PROJECT NO: 1674-21
 SHEET TITLE:
BUILDING C
SINGLE-PLY
(WITH PARAPETS)
 SHEET NUMBER:

A2.4B

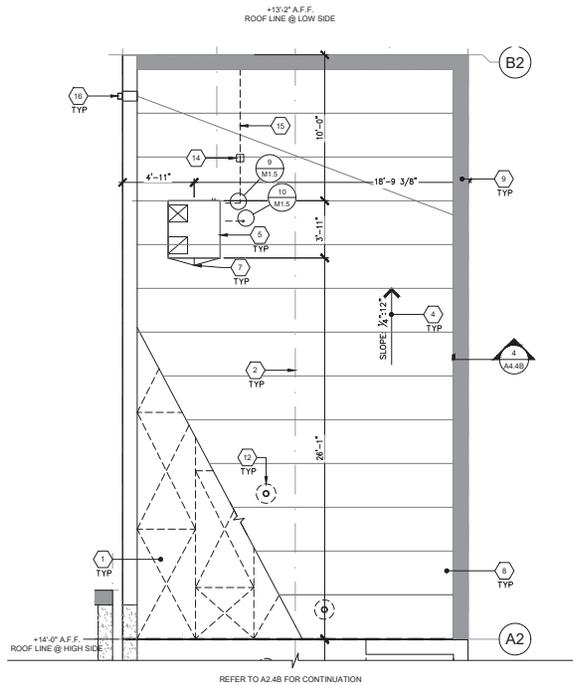
BUILDING B ROOF PLAN

SCALE: 1/8" = 1'-0" **1**

- PARAPET HEIGHT +18'-0" A.F.F.
- PARAPET HEIGHT +16'-0" A.F.F.
- PARAPET HEIGHT NOMINAL +4" ABOVE ROOF DECK

NOTE: FOR PARAPET DETAILS REFER TO S4.4B

PARAPET HEIGHT LEGEND	2 NOT USED	3 NOT USED	4 SOLAR-READY ZONE REQUIREMENTS
-----------------------	------------	------------	---------------------------------



BUILDING C ROOF PLAN

SCALE: 1/8" = 1'-0"

1

- PARAPET HEIGHT +18'-0" A.F.F.
- PARAPET HEIGHT +16'-0" A.F.F.
- PARAPET HEIGHT NOMINAL +6" ABOVE ROOF DECK

NOTE: FOR PARAPET DETAILS REFER TO S4.4B

PARAPET HEIGHT LEGEND

2 NOT USED

3 NOT USED

4 SOLAR-READY ZONE REQUIREMENTS

- 1 ROOF SHEATHING PER SHEET S4.1
- 2 TYPICAL MOD LINE
- 3 NOT USED
- 4 TYPICAL ROOF SLOPE
- 5 ROOF MOUNTED HVAC PER M1.7
- 6 NOT USED
- 7 CRICKET @ HVAC PER 12A2.5
- 8 SINGLE-PLY ROOFING PER SHEET A2.5
- 9 PARAPET PER SHEET S4.3 - REFER TO PARAPET HEIGHT LEGEND 2: FOR HEIGHT CLARITY & S4.4A & S4.4B FOR DETAILS
- 10 NOT USED
- 11 NOT USED
- 12 PIPE VENT PER PLUMBING PLANS & 2M1.6
- 13 NOT USED
- 14 ROOF-TOP PIPE SUPPORT BLOCK PER DETAIL 3M1.6
- 15 CONDENSATE PAN PER DETAIL 9M1.5
- 16 SCUPPER @ PARAPET OPTION - SEE DETAIL 8A2.5
- 17 NOT USED

KEY NOTES

1. NOT USED
2. GUTTERS SHALL BE LOCATED PER LOCATIONS SHOWN ON PLANS
3. ROOF SHEATHING PER SHEET S4.1 IS REQUIRED FOR SINGLE-PLY OR BUILT-UP ROOFING ON MONO-SLOPE SLOPED BUILDING(S).
4. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEETS.
5. REFER TO S4.4A FOR STRUCTURAL OVERALL PLAN

SHEET NOTES

- SOLAR ZONE REQUIRED, PER TITLE 24 SECTION 110.10: FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 10% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.
1. REQUIRED SOLAR-READY ZONE, AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
 2. ZONE MUST BE LEFT VOID OF ROOF MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
 3. TOTAL AREA REQUIRED FOR SOLAR-READY ZONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
 4. SOLAR-READY ZONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
 5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEET 15, WHICH DOES INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
 6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
 7. A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE ADEQUACY OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
 8. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN & INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE & ROOF SUPPORT STRUCTURE.

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR:
 SS FL ACS
 DATE: 08/26/2022



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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' x 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SHOWN & SIGNED BY THE NUMBER OF RECORD.

REVISIONS	
▲	
▲	
▲	
▲	

DRAWN BY:	JMAKA
SCALE:	AS NOTED
DATE:	07/20/22
PROJECT NO:	1674-21
SHEET TITLE:	BUILDING B SINGLE-PLY (WITH PARAPETS)
SHEET NUMBER:	A2.4C

- 1 ROOF SHEATHING PER SHEET S4.1
- 2 TYPICAL MOD LINE
- 3 NOT USED
- 4 TYPICAL ROOF SLOPE
- 5 ROOF MOUNTED HVAC PER M1.7
- 6 NOT USED
- 7 CRICKET HVAC PER 12A2.5
- 8 SINGLE-PLY ROOFING PER SHEET A2.5
- 9 PARAPET PER SHEET S4.3 - REFER TO PARAPET HEIGHT LEGEND 2: FOR HEIGHT CLARITY S4.4A - S4.4B FOR DETAILS
- 10 NOT USED
- 11 NOT USED
- 12 PIPE VENT PER PLUMBING PLANS 2M1.6
- 13 NOT USED
- 14 ROOF-TOP PIPE SUPPORT BLOCK PER DETAIL 3M1.6
- 15 CONDENSATE LINE PER DETAIL 9M1.5
- 16 SCUPPER PARAPET OPTION - SEE DETAIL 6A2.5
- 17 ROOF WATCH WEARTECH GUARD RAIL SEE 11A7.1 FOR ROOF WATCH DETAIL AND 3A2.4 FOR GUARD RAIL DETAIL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR: _____
 DATE: 08/26/2022



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KEY NOTES

- 1. NOT USED
- 2. GUTTERS SHALL BE LOCATED PER LOCATIONS SHOWN ON PLANS
- 3. ROOF SHEATHING PER SHEET S4.1 IS REQUIRED FOR SINGLE-PLY OR BUILT-UP ROOFING ON MONO-SLOPE SLOPED BUILDINGS.
- 4. TOTAL BUILDING WIDTH INCLUDES 1/4" PER MODULAR CONSTRUCTION TOLERANCE PER FOUNDATION SHEETS.
- 5. REFER TO S4.4A FOR STRUCTURAL OVERALL PLAN.

SHEET NOTES

- SOLAR READY PER TITLE 24 SECTION 110.10 FOR NON-RESIDENTIAL BUILDINGS, 3 STORIES OR LESS, A MINIMUM OF 15% OF ROOF AREA (EXCLUDING SKYLIGHTS) MUST BE SET ASIDE FOR PHOTO-VOLTAICS (PV). THE ROOF MUST HAVE NO ROOF OBSTRUCTIONS.
- 1. RE REQUIRED SOLAR-READY ONE AREA PER THE CHART BELOW, MUST BE PROVIDED ON BUILDING ROOF.
 - 2. ONE MUST BE LEFT VOID OF ROOF MOUNTED HVAC UNITS, SKYLIGHTS OR OTHER OBSTRUCTIONS THAT WOULD HINDER FUTURE INSTALLATION OF SOLAR SYSTEM COMPONENTS, INCLUDING PV PANELS.
 - 3. TOTAL AREA REQUIRED FOR SOLAR-READY ONE DOES NOT NEED TO BE LOCATED IN ONE AREA BUT CAN BE SPREAD OUT OVER ROOF.
 - 4. SOLAR-READY ONE SHALL NOT INCLUDE ROOF OVERHANGS, AND SOLAR SYSTEM COMPONENTS MAY NOT BE PLACED THERE.
 - 5. THE ROOF STRUCTURE HAS BEEN DESIGNED PER THE DESIGN LOADS SPECIFIED ON SHEET S5, WHICH DOES INCLUDE ADDITIONAL LOADS FROM SOLAR EQUIPMENT THAT MIGHT BE INSTALLED AT A LATER DATE.
 - 6. EQUIPMENT SUCH AS SOLAR MODULES, INVERTERS, AND METERING EQUIPMENT DO NOT NEED TO BE INSTALLED, NOR DOES CONDUIT, PIPING, OR PRE-INSTALLED MOUNTING HARDWARE.
 - 7. A STRUCTURAL ENGINEER OF RECORD SHOULD BE CONSULTED PRIOR TO ANY FUTURE SOLAR INSTALLATIONS TO DETERMINE THE Adequacy OF THE ROOF FRAMING TO SUSTAIN THE LOADS OF THE INSTALLATION ON THE BUILDING STRUCTURE.
 - 8. A SEPARATE DSA APPLICATION NUMBER IS REQUIRED FOR DESIGN INSTALLATION OF THE SOLAR PANEL SYSTEM, ITS ANCHORAGE ROOF SUPPORT STRUCTURE.

PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)148' x 40', (2)24'x40' (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS OTHERWISE INDICATED BY THE NUMBER OF REVISIONS.

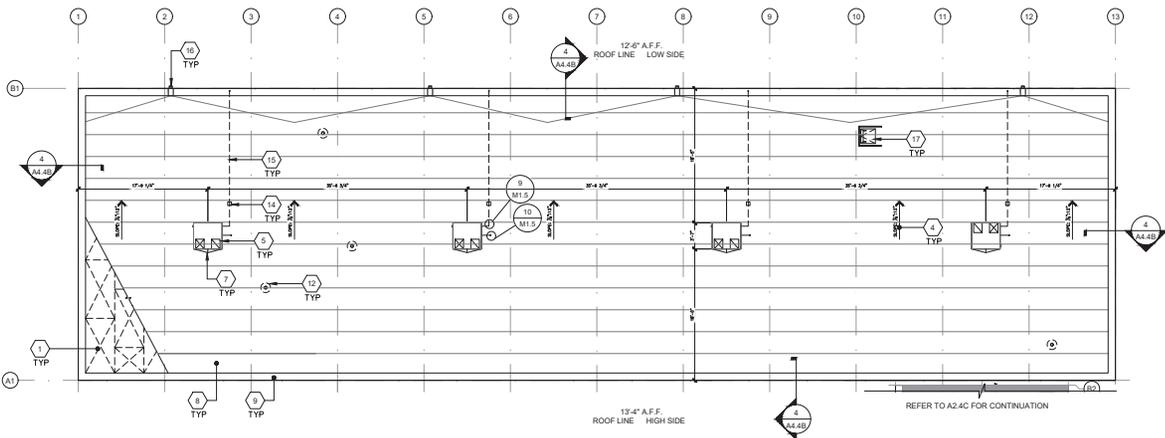
NO.	REVISIONS

DRAWN BY: JMANKA
 SCALE: AS NOTED
 DATE: 07/22
 PROJECT NO: 1974-21
 SHEET TITLE:

BUILDING D
SINGLE-PLY
(WITH PARAPETS)

SHEET NUMBER:

A2.4D



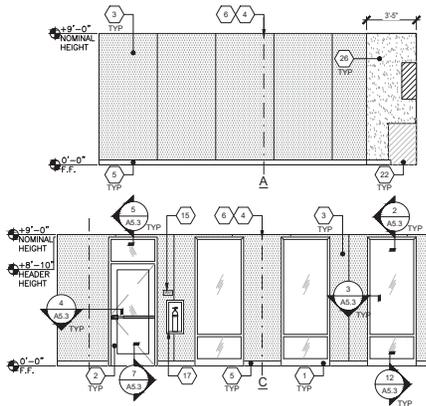
BUILDING D ROOF PLAN

SCALE: 1/8" = 1'-0" **1**

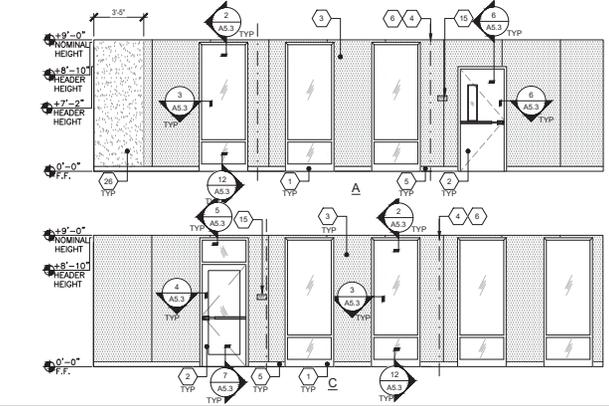
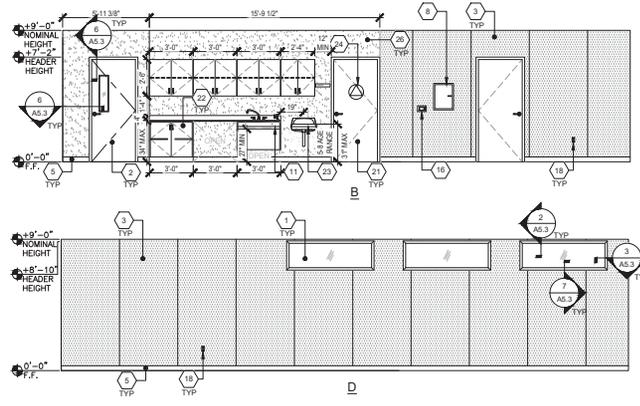
□ PARAPET HEIGHT 18'-0" A.F.F.
 ■ PARAPET HEIGHT 16'-0" A.F.F.

NOTE: FOR PARAPET DETAILS REFER TO S4.4B

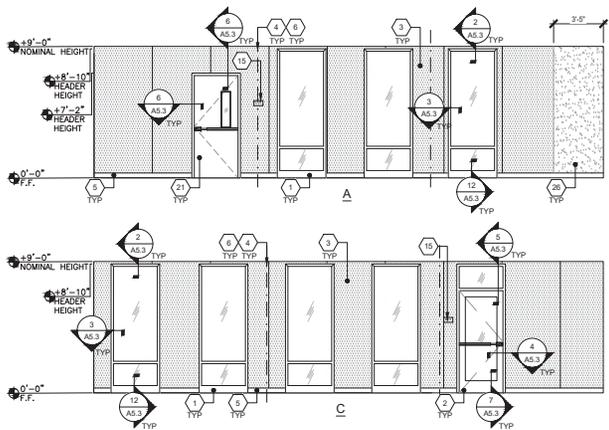
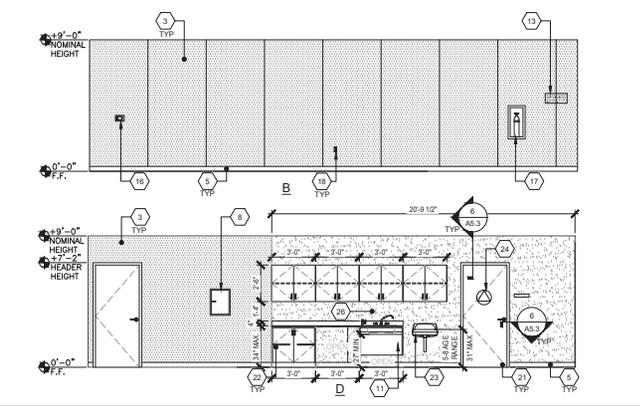
PARAPET HEIGHT LEGEND	2 NOT USED	3 NOT USED	4 SOLAR-READY ONE REQUIREMENTS
-----------------------	------------	------------	--------------------------------



CLASSROOM 101 SIDE ELEV.



CLASSROOM 102 SIDE ELEV.



CLASSROOM 103 SIDE ELEV.

SCALE: 1/4"=1'-0"

SCALE: 1/4"=1'-0"

SCALE: 1/4"=1'-0"

- 1 WINDOW - SEE SPECS
- 2 TYP EXTERIOR DOOR
- 3 TACKBOARD - (FLAME RESISTANT INDUSTRIAL TACKABLE BOARD) - SHALL BE CLASS A RATED (ASTM E-84). NOMINAL PANEL THICKNESS SHALL BE 3/8" AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES.
- 4 TYP MOD LINE
- 5 TOP SET BASE
- 6 FULL PANEL CLOSE-UP AT MOD LINES. TYP
- 7 NOT USED
- 8 ELECTRICAL PANEL - SEE ELECTRICAL SHEETS
- 9 NOT USED
- 10 NOT USED
- 11 CASEWORK WISNK
- 12 NOT USED
- 13 OCCUPANT LOAD SIGN PER DETAIL 11N4.0 (BY OTHERS)
- 14 LIGHT SWITCH - SEE ELECTRICAL SHEETS
- 15 EXIT TACTILE SIGN PER DETAIL 10N4.0 (NIC)
- 16 THERMOSTAT, TOP @ 48" A.F.F. - SEE MECHANICAL SHEETS
- 17 FIRE EXTINGUISHER TOP OF HANDLE @ 48" MAX. A.F.F. PROTRUSION MAX 4" FROM WALL IF BOTTOM OF FIRE EXTINGUISHER GREATER THAN 27" A.F.F.
- 18 TYP DUPLEX OUTLET - SEE ELECTRICAL SHEETS
- 19 NOT USED
- 20 NOT USED
- 21 INTERIOR DOOR
- 22 CASEWORK
- 23 LAVATORY PER 11P2.0
- 24 DOOR SIGNAGE (BY OTHERS)
- 25 NOT USED
- 26 FRP
- 27 NOT USED
- 28 NOT USED
- 29 NOT USED
- 30 NOT USED
- 31 NOT USED
- 32 NOT USED
- 33 NOT USED
- 34 NOT USED
- 35 NOT USED

KEYNOTES

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120844 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 08/26/2022

American Modular Systems
 787 Spreckels Ave., Manteca, CA 95336
 Phone (209) 825-1921 Fax (209) 825-7018
 www.americanmodular.com

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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
40' & 24' MODULES

EVOLVE

SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)148' x 40', (2)24'x40' & (1)144'x40' MODULES

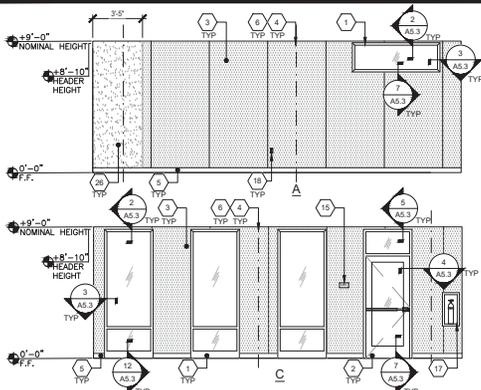
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NO.	REVISIONS

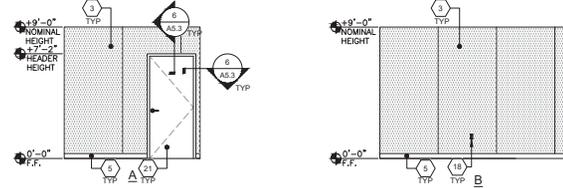
DRAWN BY: JMAKA
 SCALE: AS NOTED
 DATE: 07/22
 PROJECT NO: 1874-21

SHEET TITLE:
INTERIOR ELEVATIONS
TYPICAL CLASSROOM

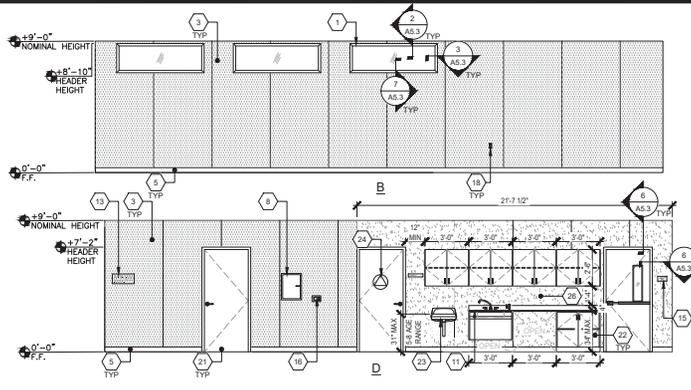
SHEET NUMBER:
A4.0A



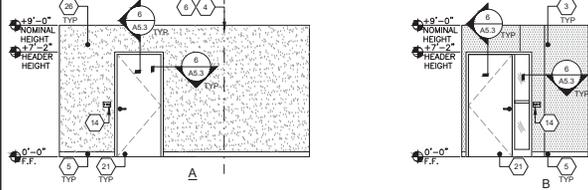
CLASSROOM 104 END WALL ELEV.



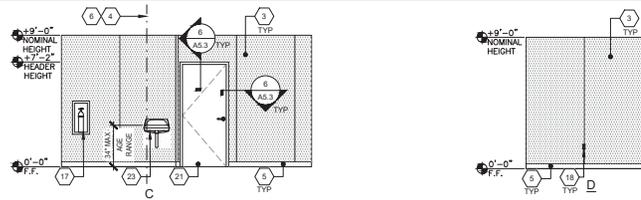
SCALE: 1/4"=1'-0"



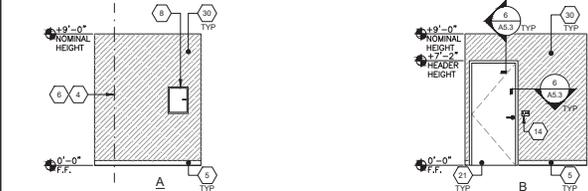
OFFICE 113 END WALL ELEVATION



SCALE: 1/4"=1'-0"



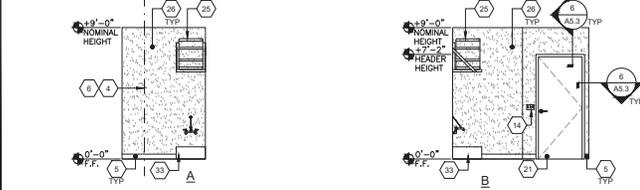
NURSE 114 END WALL ELEVATION



SCALE: 1/4"=1'-0"



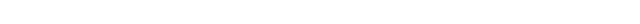
STORAGE 115 END WALL ELEVATION



SCALE: 1/4"=1'-0"



CUST. 116 END WALL ELEVATION



SCALE: 1/4"=1'-0"

- 1 WINDOW, SEE SPECS
- 2 TYP EXTERIOR DOOR
- 3 TACKBOARD - (FLAME RESISTANT INDUSTRIAL TACKABLE BOARD) - SHALL BE CLASS A RATED (ASTM E-84) NOMINAL PANEL THICKNESS SHALL BE 1/2" AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES.
- 4 TYP MOD LINE
- 5 TOP SET BASE
- 6 FULL PANEL CLOSE-UP AT MOD-LINES, TYP
- 7 NOT USED
- 8 ELECTRICAL PANEL - SEE ELECTRICAL SHEETS
- 9 NOT USED
- 10 NOT USED
- 11 CASEWORK WISNK
- 12 NOT USED
- 13 OCCUPANT LOAD SIGN PER DETAIL 10N4.0 (BY OTHERS)
- 14 LIGHT SWITCH - SEE ELECTRICAL SHEETS
- 15 EXIT TACTILE SIGN PER DETAIL 10N4.0 (NIC)
- 16 THERMOSTAT, TOP @ 48" A.F.F. - SEE MECHANICAL SHEETS
- 17 FIRE EXTINGUISHER TOP OF HANDLE @ +48" MAX. A.F.F. PROTRUSION MAX 4" FROM WALL, IF BOTTOM OF FIRE EXTINGUISHER GREATER THAN +27" A.F.F.
- 18 TYP DUPLEX OUTLET - SEE ELECTRICAL SHEETS
- 19 NOT USED
- 20 NOT USED
- 21 INTERIOR DOOR
- 22 CASEWORK
- 23 LAVATORY PER 17P2.0
- 24 DOOR SIGNAGE (BY OTHERS)
- 25 WATER HEATER - PER P1.0
- 26 FRP
- 27 NOT USED
- 28 NOT USED
- 29 NOT USED
- 30 FIRE RATED PLYWOOD (NON-PANED)
- 31 NOT USED
- 32 NOT USED
- 33 CUSTODIAN SINK PER P1.0
- 34 NOT USED
- 35 NOT USED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR
 SS [] FL [] ACS []
 DATE: 08/26/2022

AMS
 American Modular Systems
 787 Spreckels Ave., Manteca, CA 95336
 Phone (209) 825-1921 Fax (209) 825-7018
 www.americanmodular.com

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PRE-CHECKED SET NAME
MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
PALO VERDE COLLEGE
CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES

REGISTERED ARCHITECT
 PATRICK C. JAMES
 No. 13831
 Exp. 3/31/23
 STATE OF CALIFORNIA

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 UNLESS SHOWN & SIGNED BY THE ISSUING OFFICE

NO.	REVISIONS

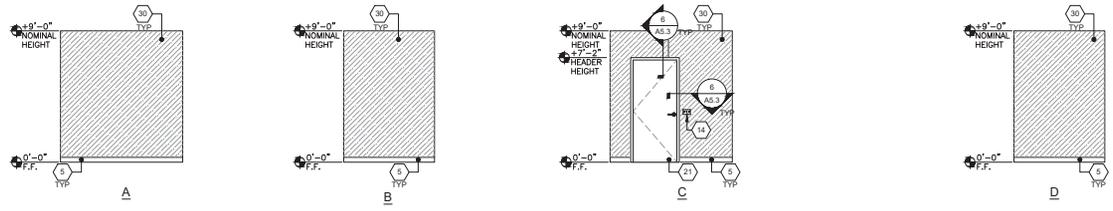
DRAWN BY: JM/KA
 SCALE: AS NOTED
 DATE: 07/22
 PROJECT NO: 1674-21
 SHEET TITLE:

INTERIOR ELEVATIONS
 TYPICAL CLASSROOM

SHEET NUMBER:

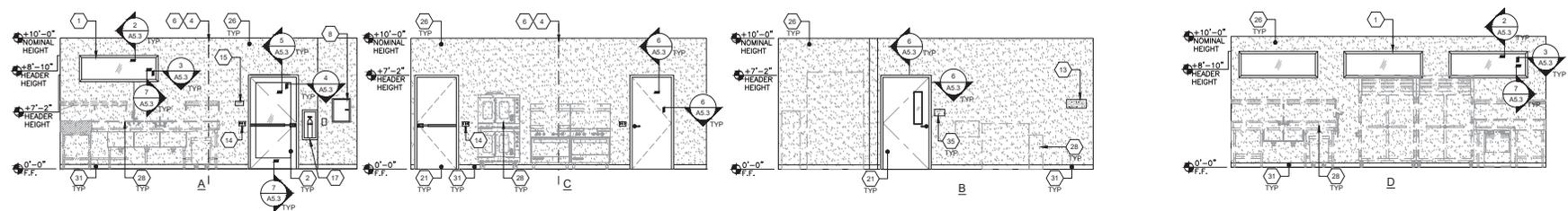
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KEYNOTES



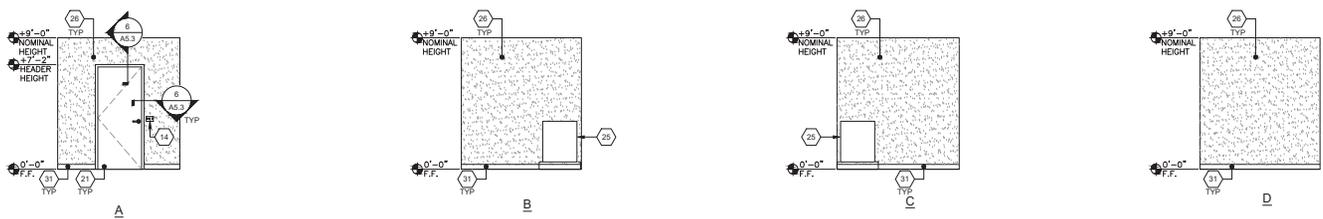
DATA 117 END WALL ELEVATION

SCALE: 1/4"=1'-0" 1



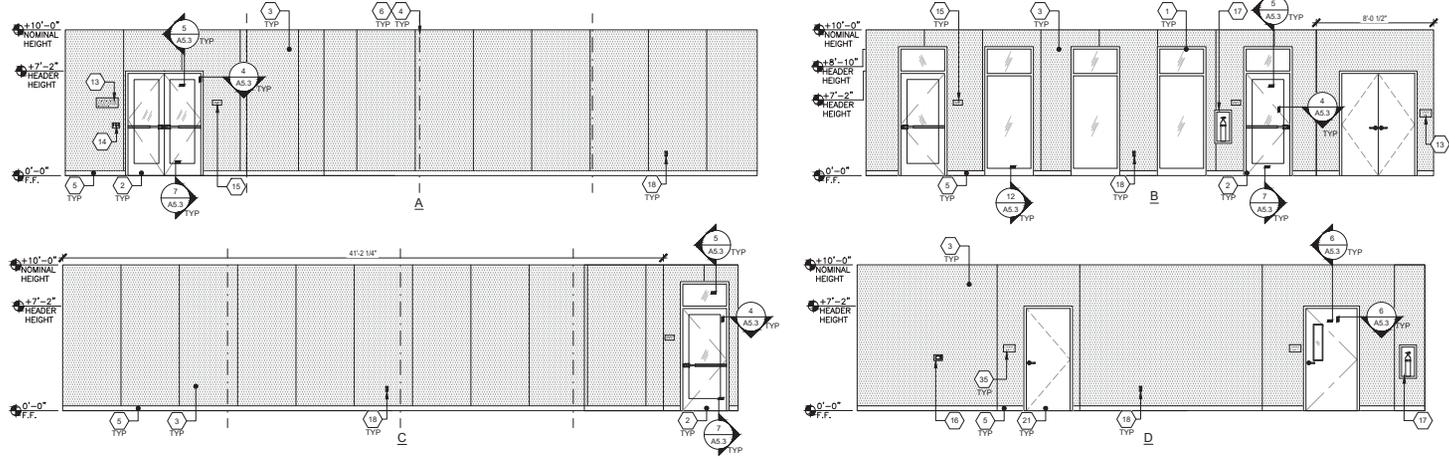
KITCHEN 120 END WALL ELEVATION

SCALE: 1/4"=1'-0" 2



PANTRY 121 ENDWALL ELEVATION

SCALE: 1/4"=1'-0" 3



MULTIPURPOSE ROOM 124 END WALL ELEVATION

SCALE: 1/4"=1'-0" 4

- 1 WINDOW, SEE SPECS
- 2 TYP EXTERIOR DOOR
- 3 TACKBOARD - (FLAME RESISTANT INDUSTRIAL TACKABLE BOARD) - SHALL BE CLASS A RATED (ASTM E-81). NOMINAL PANEL THICKNESS SHALL BE 4.0" AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES.
- 4 TYP MOD LINE
- 5 TOP SET BASE
- 6 FULL PANEL CLOSE-UP AT MOD-LINES, TYP
- 7 NOT USED
- 8 ELECTRICAL PANEL - SEE ELECTRICAL SHEETS
- 9 NOT USED
- 10 NOT USED
- 11 NOT USED
- 12 NOT USED
- 13 OCCUPANT LOAD SIGN PER DETAIL 11/4.0 (BY OTHERS)
- 14 LIGHT SWITCH - SEE ELECTRICAL SHEETS
- 15 EXIT TACTILE SIGN PER DETAIL 10/4.0 (NIC)
- 16 THERMOSTAT, TOP @ 48" A.F.F. - SEE MECHANICAL SHEETS
- 17 FIRE EXTINGUISHER TOP OF HANDLE @ +48" MAX. A.F.F. PROTRUSION MAX 4" FROM WALL IF BOTTOM OF FIRE EXTINGUISHER GREATER THAN +27" A.F.F.
- 18 TYP DUPLEX OUTLET - SEE ELECTRICAL SHEETS
- 19 NOT SUED
- 20 NOT USED
- 21 INTERIOR DOOR
- 22 NOT USED
- 23 NOT USED
- 24 NOT USED
- 25 WATER HEATER PER P1.0
- 26 FRP
- 27 NOT USED
- 28 APPLIANCES (BY OTHERS)
- 29 NOT USED
- 30 FIRE RATED PLYWOOD (NON-PANED)
- 31 GYP BOARD PAINTED FINISH
- 32 NOT USED
- 33 NOT USED
- 34 FIRE PULL (BY OTHERS)
- 35 ROOM ID AND USA SIGNAGE (BY OTHER) SEE DETAILS 5 & 9/4.0 - TYP

KEYNOTES

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 04-120944 INC.
 REVIEWED FOR: _____
 DATE: 08/26/2022

AMS
 American Modular Systems
 787 Spreckels Ave., Manteca, CA 95336
 Phone (209) 825-1921 Fax (209) 825-7018
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PRE-CHECKED SET NAME
 MODULAR BUILDING
 CONSISTING OF
 40' x 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)148' x 40', (2)24'x40' & (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SO INDICATED BY THE ENGINEER OF RECORD.

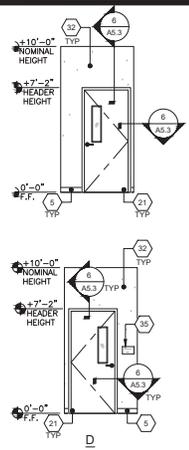
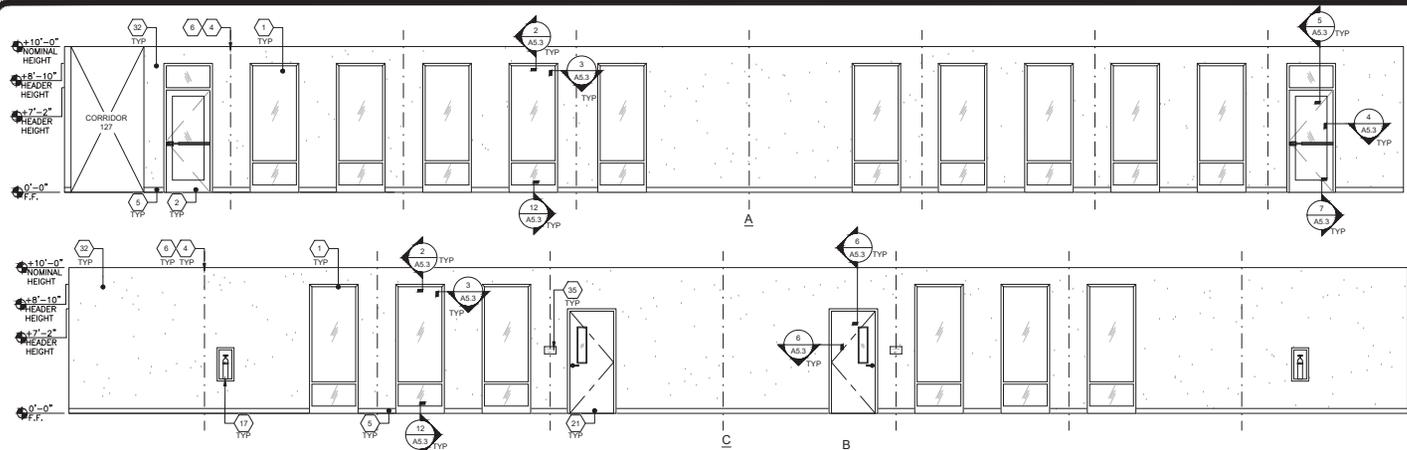
NO.	REVISIONS

DRAWN BY: JMAKA
 SCALE: AS NOTED
 DATE: 07/22
 PROJECT NO: 1874-21
 SHEET TITLE:

INTERIOR ELEVATIONS
 TYPICAL CLASSROOM

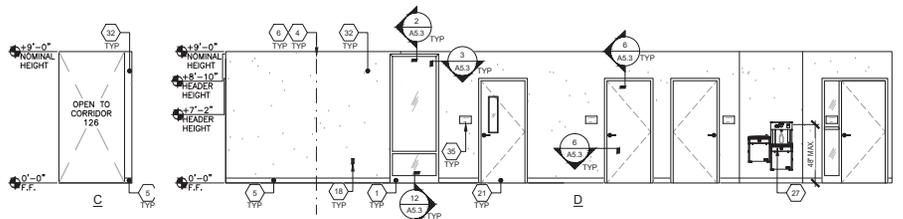
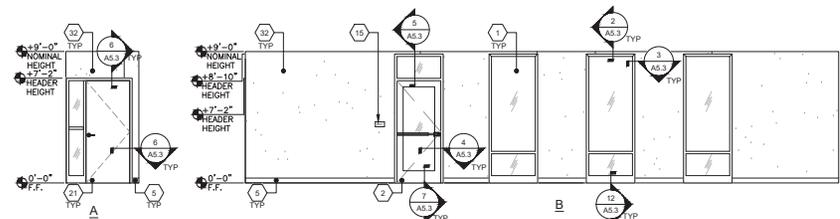
SHEET NUMBER:

A4.0C



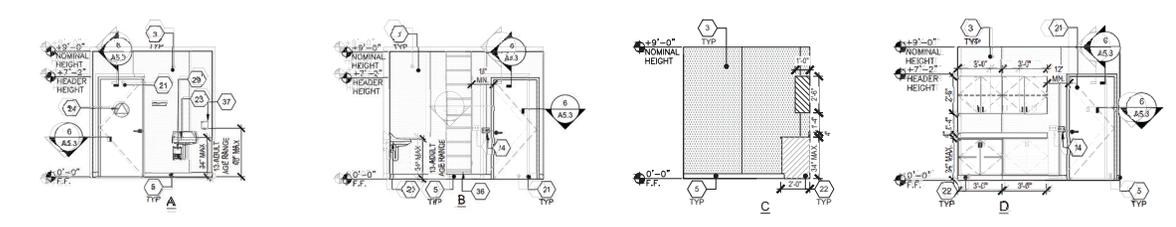
CORRIDOR 126 END WALL ELEVATION

SCALE: 1/4"=1'-0"



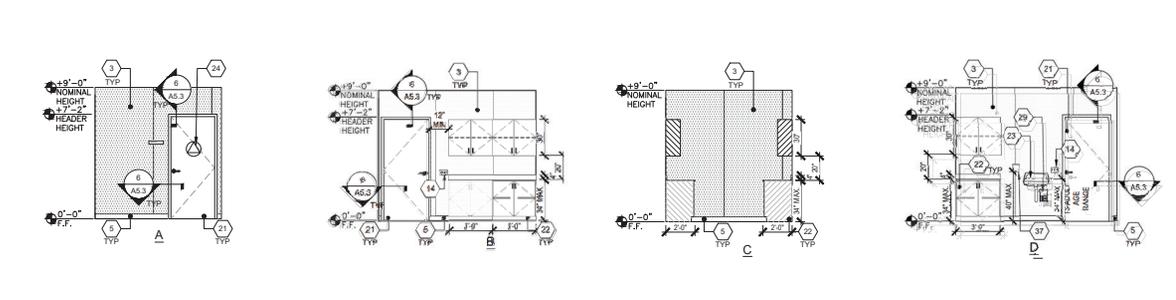
CORRIDOR 127 END WALL ELEVATION

SCALE: 1/4"=1'-0"



PREP ROOM 132 END WALL ELEVATION

SCALE: 1/4"=1'-0"



PREP ROOM 136 END WALL ELEVATION

SCALE: 1/4"=1'-0"

- | | |
|--|--|
| 1 WINDOW, SEE SPEC'S | 26 INSTAHOT WATER HEATER |
| 2 TYP EXTERIOR DOOR | 27 NOT USED |
| 3 TACKBOARD - (FLAME RESISTANT INDUSTRIAL TACKABLE BOARD) SHALL BE CLASS A RATED (ASTM E-84), NOMINAL PANEL THICKNESS SHALL BE 1/2" AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES. | 28 NOT USED |
| 4 TYP MOD LINE | 29 GYP BOARD PAINTED FINISH |
| 5 TOP SET BASE | 30 NOT USED |
| 6 FULL PANEL CLOSE-UP AT MOD-LINES, TYP | 31 NOT USED |
| 7 NOT USED | 32 NOT USED |
| 8 NOT USED | 33 NOT USED |
| 9 NOT USED | 34 NOT USED |
| 10 NOT USED | 35 ROOM ID AND ISA SIGNAGE (BY OTHER) SEE DETAILS 5 & 9/14.0 - TYP |
| 11 NOT USED | 36 ROOF ACCESS LADDER - SEE DETAIL 11A7.1 |
| 12 NOT USED | 37 ACCESSORIES - BY GENERAL CONTRACTOR - HEIGHT REQUIREMENTS PER CBC CHAPTER 11B, SEE SHEET P2.8 |
| 13 NOT USED | |
| 14 LIGHT SWITCH - SEE ELECTRICAL SHEETS | |
| 15 EXIT TACTILE SIGN PER DETAIL 10N4.0 (NIC) | |
| 16 THERMOSTAT, TOP @ 48" A.F.F. - SEE MECHANICAL SHEETS | |
| 17 FIRE EXTINGUISHER TOP OF HANDLE @ 48" MAX. A.F.F. PROTRUSION MAX. 4" FROM WALL IF BOTTOM OF FIRE EXTINGUISHER GREATER THAN 37" A.F.F. | |
| 18 TYP DUPLEX OUTLET - SEE ELECTRICAL SHEETS | |
| 19 NOT USED | |
| 20 NOT USED | |
| 21 INTERIOR DOOR | |
| 22 CASEWORK | |
| 23 LAVATORY PER 17P2.0 | |
| 24 DOOR SIGNAGE (BY OTHERS) | |
| 25 NOT USED | |
| 26 NOT USED | |
| 27 NOT USED | |
| 28 NOT USED | |
| 29 DRINKING FOUNTAIN PER 11P2.0 | |
| 30 NOT USED | |

KEYNOTES

IDENTIFICATION STAMP
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 APP: 04-120944 INC.
 REVIEWED FOR
 SS FLI ACS
 DATE: 08/26/2022

AMS
 American Modular Systems
 787 Sprockels Ave., Manteca, CA 95336
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PRE-CHECKED SET NAME
 MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES

EVOLVE

SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES



THESE DRAWINGS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SO NOTED AND REVISIONS BY THE REGISTERED ARCHITECT.

NO.	REVISIONS

DRAWN BY: JMAKA
 SCALE: AS NOTED
 DATE: 07/22
 PROJECT NO: 1674-21
 SHEET TITLE:

INTERIOR ELEVATIONS
 TYPICAL CLASSROOM

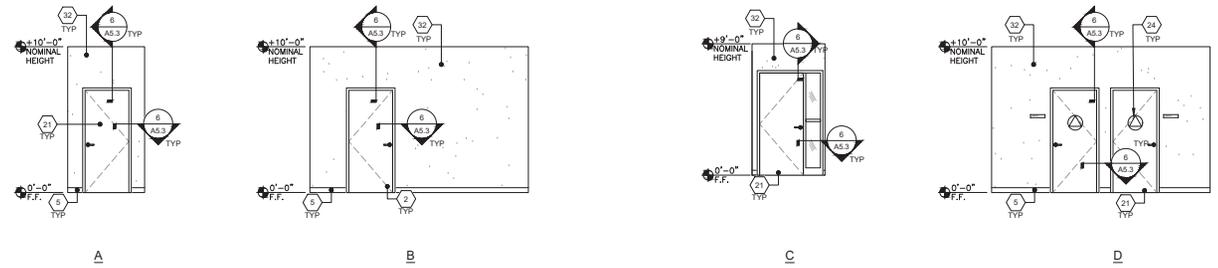
SHEET NUMBER:

A4.0D

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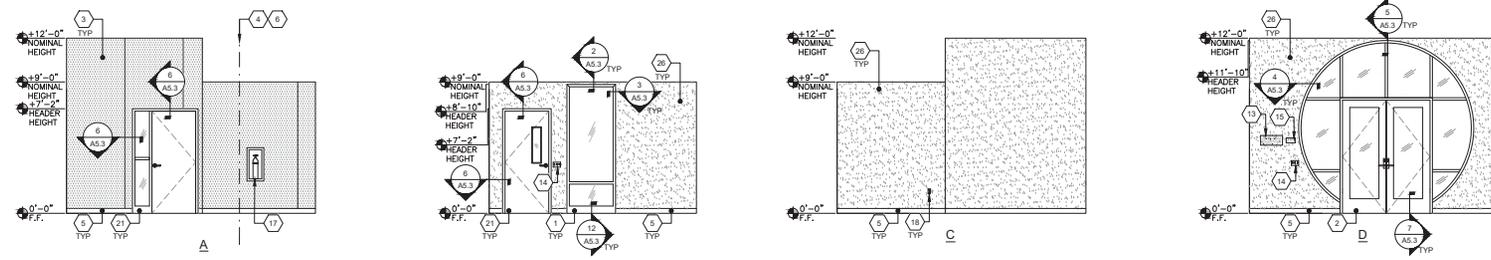
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CORRIDOR 119 END WALL ELEVATION

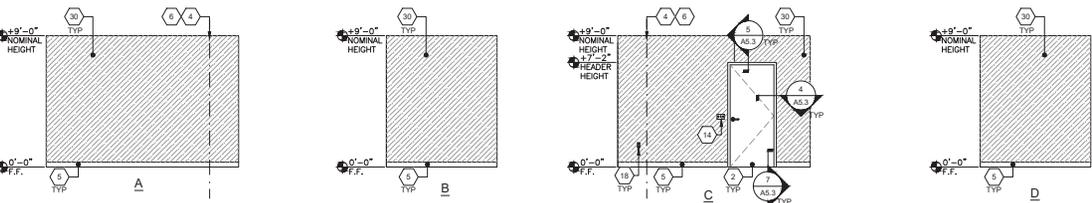
SCALE: 1/4"=1'-0"

PRE-CHECKED SET NAME:
 MODULAR BUILDING
 CONSISTING OF
 40' & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME:
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES



RECEPTION 100 END WALL ELEVATION

SCALE: 1/4"=1'-0"



CLOSET 139 SIDE WALL END

SCALE: 1/8"=1'-0"

- | | |
|---|--|
| 1 WINDOW - SEE SPECS | 27 NOT USED |
| 2 TYP EXTERIOR DOOR | 28 NOT USED |
| 3 TACKBOARD - FLAME RESISTANT INDUSTRIAL TACKABLE BOARD - SHALL BE CLASS A RATED (ASTM E-84) NOMINAL PANEL THICKNESS SHALL BE 3/8" AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES. | 29 FIRE RATED PLYWOOD (NON-PAINTED) |
| 4 TYP MOD LINE | 30 NOT USED |
| 5 TYP SET BASE | 31 NOT USED |
| 6 FULL PANEL CLOSE-UP AT MOD LINES, TYP | 32 GYP BOARD PAINTED FINISH |
| 7 NOT USED | 33 NOT USED |
| 8 ELECTRICAL PANEL - SEE ELECTRICAL SHEETS | 34 NOT USED |
| 9 NOT USED | 35 NOT USED |
| 10 NOT USED | 36 ROOF ACCESS LADDER - SEE DETAIL 11A/7.1 |
| 11 NOT USED | |
| 12 NOT USED | |
| 13 OCCUPANT LOAD SIGN PER DETAIL 11N4.0 (BY OTHERS) | |
| 14 LIGHT SWITCH - SEE ELECTRICAL SHEETS | |
| 15 EXIT TACTILE SIGN PER DETAIL 10N4.0 (NIC) | |
| 16 NOT USED | |
| 17 FIRE EXTINGUISHER TOP OF HANDLE @ +48" MAX. A.F.F. PROTRUSION MAX 4" FROM WALL IF BOTTOM OF FIRE EXTINGUISHER GREATER THAN +27" A.F.F. | |
| 18 TYP DUPLEX OUTLET - SEE ELECTRICAL SHEETS | |
| 19 NOT USED | |
| 20 NOT USED | |
| 21 INTERIOR DOOR | |
| 22 NOT USED | |
| 23 NOT USED | |
| 24 DOOR SIGNAGE (BY OTHERS) | |
| 25 NOT USED | |
| 26 FRP | |

SEAL
 REGISTERED ARCHITECT
 J. J. JAMES
 No. 13831
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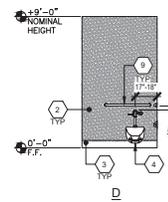
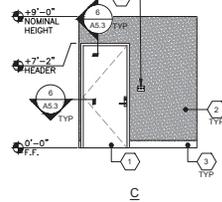
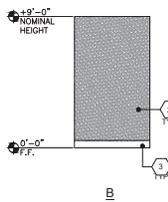
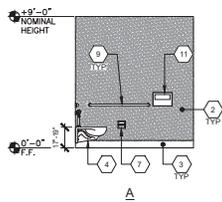
DRAWN BY: JMAKA
 SCALE: AS NOTED
 DATE: 07/22
 PROJECT NO: 1874-21
 SHEET TITLE:
 INTERIOR ELEVATIONS
 TYPICAL CLASSROOM

SHEET NUMBER:
A4.0E

CLOSET 140 SIDE WALL END

SCALE: 1/8"=1'-0"

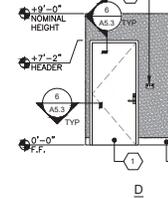
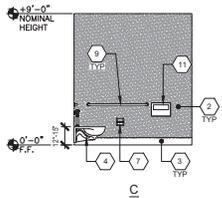
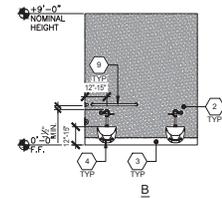
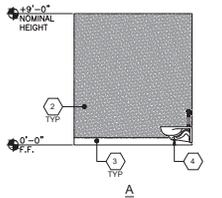
KEYNOTES



RESTROOM SIDEWALL ELEVATION (AGES: 13-ADULT) - 130 & 134

SCALE: 1/4" = 1'-0"

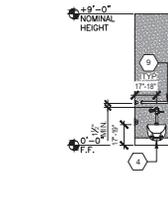
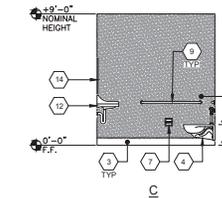
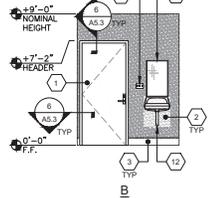
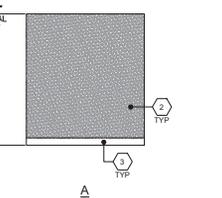
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RESTROOM SIDEWALL ELEVATION (AGES: 5-8) - 129 & 135 (133 & 105 MIRRORRED)

SCALE: 1/4" = 1'-0"

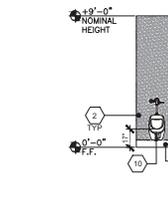
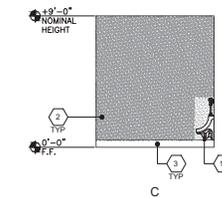
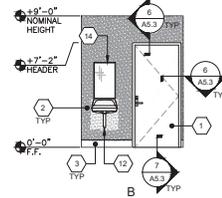
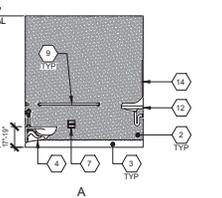
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RESTROOM SIDEWALL ELEVATION (AGES: 13-ADULT) - 118

SCALE: 1/4" = 1'-0"

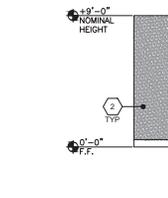
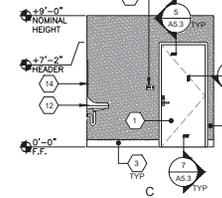
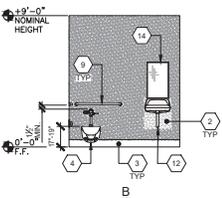
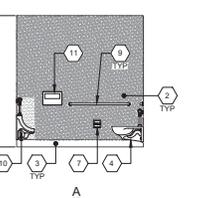
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RESTROOM SIDEWALL ELEVATION (AGES: 13-ADULT) - 119

SCALE: 1/4" = 1'-0"

4



RESTROOM SIDEWALL ELEVATION (AGES: 13-ADULT) - 138

5

KEY NOTES

- 1 TYPICAL DOOR
- 2 F.R.P. (FIBER REINFORCED PLASTIC) - SHALL BE CLASS C RATED (ASTM E-84) EMBOSSED & SMOOTH INTERIOR WALL PANELS. NOMINAL PANEL THICKNESS SHALL BE 0.090" - PANEL SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES.
- 3 6" TOP SET BASE - REFER TO DETAIL 149A1.2
- 4 ACCESSIBLE TOILET - SEE DETAIL 149P2.0
- 5 NOT USED
- 6 LIGHT SWITCH - SEE ELECTRICAL SHEETS
- 7 TOILET PAPER DISPENSER PER P1.0
- 8 TYP. GFCI OUTLET - SEE ELECTRICAL SHEETS
- 9 GRAB BAR - SEE DETAIL 6A7.1
- 10 ACCESSIBLE URINAL - SEE DETAIL 159P2.0
- 11 TOILET SEAT COVER DISPENSER PER P1.0 (BY OTHERS)
- 12 ACCESSIBLE LAVATORY - SEE DETAIL 179P2.0
- 13 TYP. MIRROR (19" MAX. WEIGHT) - SEE DETAIL 179P2.0

NOTE: FOR ACCESSIBLE FIXTURES & ACCESSORIES MOUNTING HEIGHT REQUIREMENTS (PER CBC CHAPTER 11B), SEE SHEET P2.0, DETAIL 10.

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PRE-CHECKED SET NAME
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 CONSISTING OF
 40' & 24' MODULES
EVOLVE
 SITE SPECIFIC PROJECT NAME
 PALO VERDE COLLEGE
 CHILD DEVELOPMENT CENTER
 (1)48' x 40', (2)24'x40' & (1)144'x40' MODULES

REGISTERED ARCHITECT
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 PROJECT NO: 1874-21
 SHEET TITLE:

INTERIOR ELEVATIONS
 RESTROOM OPTIONS

SHEET NUMBER:
A4.1