1" = 40'-0" (120 / 80 / 40 / 0 / 40)

1" = 30'-0" (90 / 60 / 30 / 0 / 30)

1" = 20'-0" (60 / 40 / 20 / 0 / 20)

1/8" = 1'-0" (24 / 16 / 8 / 0 / 8)

1/4" = 1'-0" (12 / 8 / 4 / 0 / 4)

CESAR CHAVEZ ELEMENTARY SCHOOL
7 RELOCATABLE CLASSROOMS &
1 RELOCATABLE TOILET BLDG
BAKERSFIELD CITY SCHOOL DISTRICT
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

APPLICABLE CODES:

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2025*

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR.
- 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2021 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, & 2019 CALIFORNIA AMENDMENTS).
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2023 NATIONAL ELECTRICAL CODE & 2025 CALIFORNIA AMENDMENTS).
- 2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2018 IAPMO UNIFORM MECHANICAL CODE & 2019 CALIFORNIA AMENDMENTS).
- 2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2018 IAPMO UNIFORM PLUMBING CODE & 2021 CALIFORNIA AMENDMENTS).
- 2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR.
- 2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2018 INTERNATIONAL FIRE CODE & 2021 CALIFORNIA AMENDMENTS).
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2024 INTERNATIONAL EXISTING BUILDING CODE & 2019 CALIFORNIA AMENDMENTS).
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN). PART 11, TITLE 24 CCR.
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- 2025 NFPA-72 NATIONAL FIRE ALARM & SIGNALING CODE (CA AMENDED)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- 2018 (R2010) UL-1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED
- FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2025 CBC (SFM) CHAPTER 35 & CALIFORNIA FIRE CODE CHAPTER 80. SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

CALGREEN COMPLIANCE NOTES

1. 'THIS PROJECT INCLUDES INDOOR AND/OR OUTDOOR FINISH MATERIALS THAT REQUIRE COMPLIANCE WITH CALGREEN FINISH MATERIAL POLLUTANT CONTROL. THE CONTRACTOR IS TO PROVIDE PRODUCTS/SYSTEMS THAT MEET CURRENT VOC LIMITS AS SHOWN IN TABLES 5.504.4.1 THROUGH 5.504.4.5 IN CBC TITLE 24 PART 11 (CALGREEN).'
2. 'THIS PROJECT INCLUDES CONSTRUCTION AND/OR DEMOLITION THAT REQUIRES COMPLIANCE WITH CALGREEN SECTION 5.106.12 CONSTRUCTION WASTE MANAGEMENT. SEE SPECIFICATION SECTION 017419.'

PROJECT DIRECTORY

OWNER:
DR. KARLING AGUILERA-FORT,
SUPERINTENDENT
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST.
BAKERSFIELD, CA 93305
TEL: 559-457-3074
EMAIL : aguileraforktk@bcsd.com

ARCHITECT:
CURTIS FLYNN
INTEGRATED DESIGNS by SOMAM, Inc.
6011 N. FRESNO SUITE #130
FRESNO, CA 93710
TEL: 559-436-0881 ,FAX. 559-436-0887
EMAIL: cflynn@somam.com

CIVIL ENGINEER
FREDDY PORTER
FREDDY PORTER & ASSOCIATES
1200 21ST STREET
BAKERSFIELD, CA 93301
TEL: 661-327-0362
EMAIL: fred2@portercivil.com

ELECTRICAL ENGINEER:
STEVE EASTHAM
ROSE, SINN, EASTHAM & ASSOCIATES
131 S. DUNWORTH ST.
VISALIA, CA 93292-6705
TEL: 559-733-2671

MODULAR BUILDING MANUFACTURER:
WILLSCOT
FIL CARRILLO
195 E. MORGAN ST.
PERRIS, CA 92571
TEL: 800-782-1500

INSPECTOR OF RECORD

THIS PROJECT REQUIRES A CLASS 3 INSPECTOR FOR RELO INSTALLATION AND RBIP FOR IN PLANT. THE INSPECTOR OF RECORD SHALL BE DSA APPROVED AND CONFORM TO THE CLASSIFICATION CRITERIA AS PROVIDED IN INTERPRETATION OF REGULATIONS (IR) A-7, DATED SEPTEMBER 18, 2007.

THE INSPECTOR SHALL BE EMPLOYED BY THE DISTRICT AND APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

SEISMIC DESIGN

WIND DESIGN DATA (2025 CBC 1603A.1.4)

1. ULTIMATE DESIGN WIND SPEED
   A. MODULAR BUILDINGS V = 94MPH
2. RISK CATEGORY II
3. WIND EXPOSURE CATEGORY C
4. INTERNAL PRESSURE COEFFICIENT ±0.18
5. ENCLOSURE CLASSIFICATION ENCLOSED

EARTHQUAKE DESIGN DATA (2025 CBC 1603A.1.5)

SITE COORDINATES: 38.18962°N, −8.8804332°W
1. RISK CATEGORY II
2. SEISMIC IMPORTANCE FACTOR Ie = 1.0
3. MAPPED STRUCTURAL RESPONSE ACCELERATION PARAMETERS
   SS = 1.1g S1 = 0.34g
4. SITE CLASS D - DEFAULT
5. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS
   SDS = 0.94g S1 = .34

GEOTECHNICAL INFORMATION (2025 CBC)

1.ALLOWABLE SOIL BEARING PRESSURE = 1,000 PSF

CLIMATE ZONE: 13

DSA NOTES

- WHENEVER DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE, AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR).
- TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.
- ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
- THE PROJECT INSPECTION (PI) SHALL WITNESS AND VERIFY GROUNDING.
- CONTRACTOR SHALL COMPLY WITH CFC CHAPTER 33 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.

SYMBOLS

SECTION KEY
A / A3.03 — SECTION IDENTIFICATION / SHEET NUMBER

DETAIL KEY
1 / A2.01 — DETAIL NUMBER / SHEET NUMBER

INTERIOR ELEVATION KEY
A, B, C, D — ELEVATION DIRECTION; 1 / A5.01 — ELEVATION IDENTIFICATION / SHEET NUMBER

ELEVATION DATUM
+1'-0" — INDICATES HEIGHT IN RELATION TO 0'-0"

ROOM NUMBER/FINISH TAG
OFFICE / 100 — ROOM NAME / ROOM NUMBER

A — WINDOW SCHEDULE KEY
1 — KEYNOTE SCHEDULE KEY
201 — DOOR SCHEDULE KEY

CALIFORNIA ENERGY CODE

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

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

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

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

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

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

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

ARCHITECT STATEMENT

ARCHITECT'S STATEMENT FOR PLANS PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

THESE DRAWINGS AND/OR SPECIFICATIONS AND/OR CALCULATIONS FOR THE ITEMS LISTED IN THE SHEET INDEX AND CHECKED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DOCUMENTS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME FOR DESIGN INTENT AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND PROJECT SPECIFICATIONS PREPARED BY ME.

THE ITEMS CHECKED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE DELEGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK.)

SEE THE SHEET INDEX ON THIS SHEET FOR DRAWINGS OTHER THAN ARCHITECTURAL.

THE STATEMENT OF GENERAL CONFORMANCE SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-334 OF TITLE 24, PART 1. (TITLE 24, PART 1, SECTION 4-317 (B)).

APPLICABLE:

☒ CIVIL ☒ ELECTRICAL ☒ PLUMBING ☒ MODULAR BUILDING MANUFACTURE

I FIND THAT:

☒ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET
☐ THIS DRAWING OR PAGE
☒ IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND
☒ HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE OF THE ARCHITECT/ENGINEER — DATE: 04/26/26
NAME, TITLE, AFFILIATION
C–28966 — LICENSED NUMBER
05/31/27 — EXPIRATION DATE

VICINITY MAP

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR. BAKERSFIELD, CA 93306

RAMP NOTE

THE DESIGN PROFESSIONAL HAS EXEMPTED THIS RAMP FROM SPECIAL INSPECTION REQUIREMENTS FOR MATERIAL IDENTIFICATION AND STRUCTURAL WELDING. RAMP SHALL NOT BE MODIFIED OR HAVE SHIMS ADDED CAUSING THE DISTANCE BETWEEN THE HIGHEST RAMP WALKING SURFACE AND THE ADJACENT GRADE TO BE MORE THAN 30 INCHES. IF THIS CONDITION IS NOT MET, STRUCTURAL TESTING AND/OR INSPECTION WILL BE REQUIRED TO VERIFY MATERIALS AND STRUCTURAL WELDING. THIS APPLIES TO SCOPES OF WORK INCLUDING NEW CONSTRUCTION, ALTERATION, OR MODULAR RELOCATION OF THE RAMP.

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO 2025 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR
3. REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL PERTINENT INFORMATION.
4. THE FOLLOWING DOCUMENTS SHALL BE ON THE JOBSITE PRIOR TO INSTALLATION OF THE UNIT(S):
   A). IN PLANT VERIFIED REPORT
   B). LABORATORY VERIFIED REPORT
   C). WELDING VERIFIED REPORT
   THE SITE INSPECTOR SHALL VERIFY THE ABOVE DOCUMENTS AND SERIAL NUMBERS ARE APPLICABLE TO EACH UNIT PRIOR TO INSTALLATION OF THE UNIT(S). NOTIFY ARCHITECT AND THE DIVISION OF THE STATE ARCHITECT FIELD ENGINEER IF ANY DISCREPANCIES OCCUR.
5. THE INTENT OF THESE DRAWINGS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).
6. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQUIREMENTS, AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
7. THE FOLLOWING DOCUMENTS SHALL BE ON THE JOBSITE PRIOR TO INSTALLATION OF UNITS:
   A. IN-PLAN VERIFIED REPORT
   B. LABORATORY VERIFIED REPORT
   C. WELDING VERIFIED REPORT
   THE SITE INSPECTOR SHALL VERIFY THE ABOVE DOCUMENTS AND SERIAL NUMBERS ARE APPLICABLE TO EACH UNIT PRIOR TO INSTALLATION OF THE UNITS. NOTIFY ARCHITECT AND DIVISION OF THE STATE ARCHITECT FIELD ENGINEER IF ANY DISCREPANCIES OCCUR.
8. TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.
9. ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.
10. WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF CBC & CFC FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
11. IF ANY CONDITION IS DISCOVERED, WHICH IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH THE CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT (CCD), OR SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK, SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THAT REPAIR WORK.
12. FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS , SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT
13. SITE PROJECT INSPECTOR SHALL VERIFY COMPLETED IN-PLANT INSPECTOR INSPECTION CARD/ VERIFIED REPORT (DSA 152-IP) FOR EACH RELOCATABLE BUILDING BEFORE INSTALLING ON SITE

SHEET INDEX

SHT. NO.	DESCRIPTION	
GENERAL		
T1.00	TITLE SHEET	1 SHEET
CIVIL		
C1.0	GRADING PLAN KEY MAP	
C1.1	GRADING PLAN PATH OF TRAVEL	
C1.2	GRADING PLAN PATH OF TRAVEL	
C1.3	GRADING PLAN PATH OF TRAVEL & RESTROOM BLDG.	
C1.4	GRADING PLAN 3 CLASSROOM BLDGS	
C1.5	GRADING PLAN 4 CLASSROOM BLDGS	
C1.6	GRADING PLAN 4 CLASSROOM BLDGS	
C2.0	GRADING PLAN TOPOGRAPHIC SURVEY	
C2.1	GRADING PLAN TOPOGRAPHIC SURVEY	
C2.2	GRADING PLAN TOPOGRAPHIC SURVEY	
C2.3	GRADING PLAN TOPOGRAPHIC SURVEY	
C2.4	GRADING PLAN TOPOGRAPHIC SURVEY	
		12 SHEETS
ARCHITECTURAL		
A1.00	FIRE AUTHORITY SITE PLAN	
A1.01	ENLARGED DEMOLITION SITE PLAN	
A1.02	ENLARGED DEMOLITION SITE PLAN	
A1.03	ENLARGED SITE PLAN	
A1.03-2	ENLARGED SITE PLAN	
A1.04	SITE DETAILS	
A1.05	SITE DETAILS	
		7 SHEETS
PLUMBING		
P0.01	GENERAL NOTES - DETAILS	
P0.21	SPECS	
P1.21	PLUMBING SITE PLAN	
		3 SHEETS
ELECTRICAL		
EG1.00	ELEC. SYMBOLS, CODES & NOTES	
EG1.01	ELECTRICAL POWER DISTRIBUTION	
ES1.00	SITE ELECTRICAL PLAN	
ES1.01	ENLARGED SITE ELECTRICAL PLAN	
E1.00	DEMO FIRE ALARM PLAN	
E1.01	FIRE ALARM PLAN	
E1.02	F.A. SYSTEM SPECS, CODES AND NOTES	
E1.03	F.A. SYSTEM RISER DIAGRAM	
E1.04	F.A. SYSTEM DETAILS AND CALCS.	
E2.00	SIGNALS PLAN	
E3.00	ONE LINE DIAGRAM	11 SHEETS
BUILDINGS 21 & 22 #03-109006 AMERICAN MODULAR SYSTEMS		
21-TS-1	TITLE & BUILDING DATA NOTES	
21-1	FLOOR PLAN & NOTES	
21-2	EXTERIOR ELEVATIONS	
21-S1	WOOD FOUNDATION PLAN & DETAILS 50 PSF	
21-S2	FLOOR FRAMING PLAN AND DETAILS	
21-S2A	BUILDING SECTIONS AND WALL DETAILS	
21-S3	ROOF FRAMING PLAN AND DETAILS	
21-S3A	ROOF SECTIONS AND DETAILS	8 SHEETS
BUILDING 24 #03-104224 AMERICAN MODULAR SYSTEMS		
24-TS-1	TITLE & BUILDING DATA NOTES	
24-1	FLOOR PLAN & NOTES	
24-2	EXTERIOR ELEVATIONS	
24-S1	FOUNDATION PLAN WOOD, DETAILS & NOTES 50#	
24-S2	FLOOR FRAMING PLANS	
24-S2A	BUILDING SECTIONS & WALL DETAILS	
24-S3	ROOF FRAMING PLAN & DETAILS	
24-S3A	ROOF FRAMING DETAILS	8 SHEETS
BUILDINGS 25 & K-5 #04-105455 MODTECH		
25-A.0	COVER SHEET	
25-A1.1	FLOOR PLAN	
25-A4.01	EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA	
25-A4.03	ARCHITECTURAL DETAILS (WOOD STUDS)	
25-S1.2	STRUCTURAL DETAILS	
25-F1.01	FOUNDATION PLAN 50 PSF LL (WOOD)	
25-R1.02	RAMP / STAIRS DETAILS	
25-R5.01	5 FOOT RAMP / LANDING PLAN - 11' RAMPS	
		8 SHEETS
BUILDING 26 #04-104169 MODTECH		
26-A0.01	COVER SHEET	
26-A1.01A	FLOOR PLAN 'A' - 24'x40' STANDARD / COMPUTER LAB	
26-A2.02	ROOF PLAN	
26-A3.11A	EXTERIOR ELEVATIONS	
26-F1.01	FOUNDATION PLAN - WOOD - 24'x40' - 50, 50+20, 100 PSF	
26-F1.21	FOUNDATION DETAILS - 50, 50+20, 100 PSF	
26-F1.22	FOUNDATION DETAILS - 125 PSF	
		7 SHEETS

SHT. NO.	DESCRIPTION	
BUILDING 27 #04-105299 MODTECH		
27-A0.01	COVER SHEET	
27-A1.01	FLOOR PLAN	
27-A3.02	ROOF PLAN	
27-A3.03	ROOF DETAILS - 26 GA.	
27-A4.02	EXTERIOR ELEVATIONS	
27-F1.11	FOUNDATION PLAN - WOOD (125 PSF)	
27-F1.22	FOUNDATION DETAILS - WOOD (125 PSF)	
27-S3.02	STRUCTURAL FRAMING - 26 GA. MONO - (8 & 12 LIGHTS)	
		8 SHEETS
BUILDING R2 #04-122602 SILVER CREEK INDUSTRIES		
R2-A-0	COVER SHEET	
R2-A-0.6A	CERTIFICATE OF COMPLIANCE FORMS	
R2-A-0.6B	CERTIFICATE OF COMPLIANCE FORMS	
R2-A-0.6C	CERTIFICATE OF COMPLIANCE FORMS	
R2-A-0.7	ENERGY MANDATORY MEASURES / CALGREEN SPECS.	
R2-A-1.03	FLOOR PLAN - "MODEL C-1" OR "MODEL C-2"	
R2-F-0.01	WOOD FOUNDATION PLAN - 12'x40' (50 PSF)	
R2-F-0.50	FOUNDATION DETAILS - WOOD	
R2-R-1.03	RAMP LANDING	
R2-R-2.01	RAMP DETAILS	
R2-REL-101	BUILDING RELOCATION DETAILS	11 SHEETS
METAL RAMP AND LANDING #04-123389 SPARO DESIGN		
MR-T1	TITLE SHEET	
MR-G1	DSA 103 SPECIAL INSPECTIONS	
MR-R1.0	METAL RAMP & LANDING PLANS & DETAILS	
MR-R2.0	METAL RAMP DETAILS	
MR-R3.0	METAL RAMP DETAILS	5 SHEETS
		TOTAL 89 SHEETS

BUILDING DATA

OCCUPANCY = E
TYPE OF CONSTRUCTION = VB (NON-SPRINKLERED)

GROUP ONE - (BUILDINGS: 21, 22, 27)
2 (E) CLASSROOMS @ 960 S.F. (24'x40') = 1,920 S.F.
1 (N) CLASSROOM @ 960 S.F. (24'x40') = 960 S.F.
3 ROOF OVERHANGS @ 168 S.F. (7'x24') = 504 S.F.
TOTAL: 3,384 S.F.

GROUP TWO - (BUILDINGS: K-4, 23, 24, 25, 26, K-5)
2 (E) CLASSROOMS @ 960 S.F. (24'x40') = 1,920 S.F.
4 (N) CLASSROOMS @ 960 S.F. (24'x40') = 3,840 S.F.
6 ROOF OVERHANGS @ 168 S.F. (7'x24') = 1,008 S.F.
TOTAL: 6,768 S.F.

GROUP THREE - (BUILDING: R2)
1 (N) RESTROOM BLDG @ 480 S.F. (12'x40') = 480 S.F.
1 ROOF OVERHANG @ 168 S.F. (7'x12') = 168 S.F.
TOTAL: 648 S.F.

PER 2022 C.B.C. TABLE 503:
ALLOWABLE AREA = 9,500 S.F.
GROUP ONE: 2,880 PROPOSED < 9,500 ALLOWABLE = OK
GROUP TWO: 5,760 PROPOSED < 9,500 ALLOWABLE = OK
GROUP THREE: 480 PROPOSED < 9,500 ALLOWABLE = OK

OCCUPANT LOAD (CBC TABLE 1004.5
GROUP ONE: 2,880 SF @ 20 SF PER STUDENT = 144 STUDENTS
GROUP TWO: 5,760 SF @ 20 SF PER STUDENT = 288 STUDENTS
GROUP THREE: 480 SF @ 20 SF PER STUDENT = 24 STUDENTS

ALLOWABLE BUILDING HEIGHT (CBC TABLE 504.3 = 40'
PROPOSED BUILDING HEIGHT = ± 14'

ALLOWABLE NUMBER OF STORIES (CBC TABLE 504.4) = ONE
PROPOSED NUMBER OF STORIES = ONE

PROJECT PHOTOVOLTAIC REQUIREMENTS

PER CEC SECTION 140.10(A) & TABLE 140.10−A

1. PV DIRECT CURRENT CAPACITY CALCULATION PER EACH 24'x40' PC BUILDING (R−16 & R−17)
   PROJECT CLIMATE ZONE: 13
   BUILDING TYPE: CLASSROOM
   PV CAPACITY FACTOR (A): 1.63 W/FT²
   CONDITIONED FLOOR AREA (CFA): 960 SF
   kW_{PDC} = (CFA X A)/1000 =
   (960 X 1.63)/1000 = 1.56kW_{PDC}
2. USING EXCEPTION #2:
   NO PV IS REQUIRED WHERE THE REQUIRED PV SYSTEM CAPACITY IS LESS THAN 4 kW_{DC} PER TABLE 140.10−A

   PV SYSTEM NOT REQUIRED FOR THIS PROJECT

SCOPE OF WORK

- THE RELOCATION OF 7 (SEVEN) EXISTING MODULAR CLASSROOMS + 1 (ONE) NEW MODULAR RESTROOMS (FROM STOCKPILE) AND ASSOCIATED SITE IMPROVEMENTS:
  - 4 EXISTING MODULAR CLASSROOMS (BLDGS 24, 25, 26, &k-5), RELOCATED WITHOUT DSA APPROVAL NOR SITE INSPECTION TO REMAIN AS LOCATED ON THE SITE
  - 3 EXISTING MODULAR CLASSROOMS (BLDGS 21, 22, & 27) RELOCATED WITHOUT DSA APPROVAL NOR SITE INSPECTION TO BE MOVED TO THE SOUTH AND WEST WITHIN THE SITE
  - 1 NEW MODULAR RESTROOM (FROM STOCKPILE) TO BE PLACED ON THE CAMPUS
- EXISTING HARDSCAPE TO BE REPLACED IN KIND AS NOTED ON PLANS
- NEW INFRASTRUCTURE IMPROVEMENTS FOR ALL BUILDING , FENCING, GATES, AND LANDSCAPE
- THERE AREA NO DEFERRED SUBMITTALS FOR THIS PROJECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:
7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:
CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

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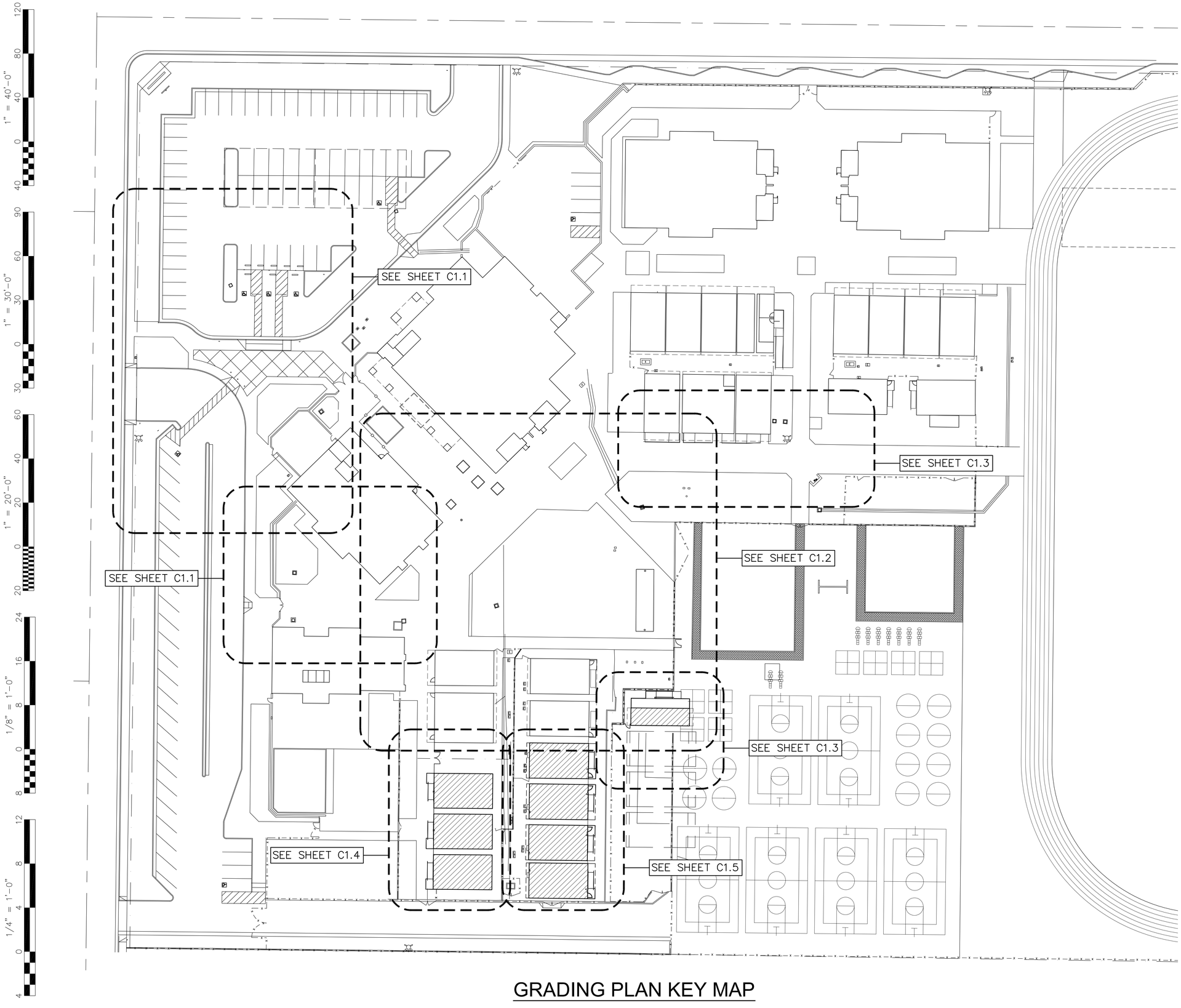
Sheet Title:
TITLE SHEET

Job No.:
5682.1

Sheet No.:
T1.00

Release: DSA SUBMITTAL — Issue Date: 8/12/26

G:\2026frs\26-5682.1 BCSD CESAR CHAVEZ E.S. 7 RELOCATABLE CR & 1 TOILET BLDG\Sheets SEAN PARKER



GRADING PLAN KEY MAP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

6011 N. FRESNO STREET, SUITE 130
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DAVID W. PORTER
CIVIL
STATE OF CALIFORNIA

Sheet Title:

GRADING PLAN KEY MAP

Job No.:

5682.1

Sheet No.:

C1.0

Release: DSA SUBMITTAL ISSUE DATE

NORTH
SCALE: 1"=30'
0 15 30 60

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ENGINEERING & SURVEYING
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Bakersfield, California 93301
661.327.0362

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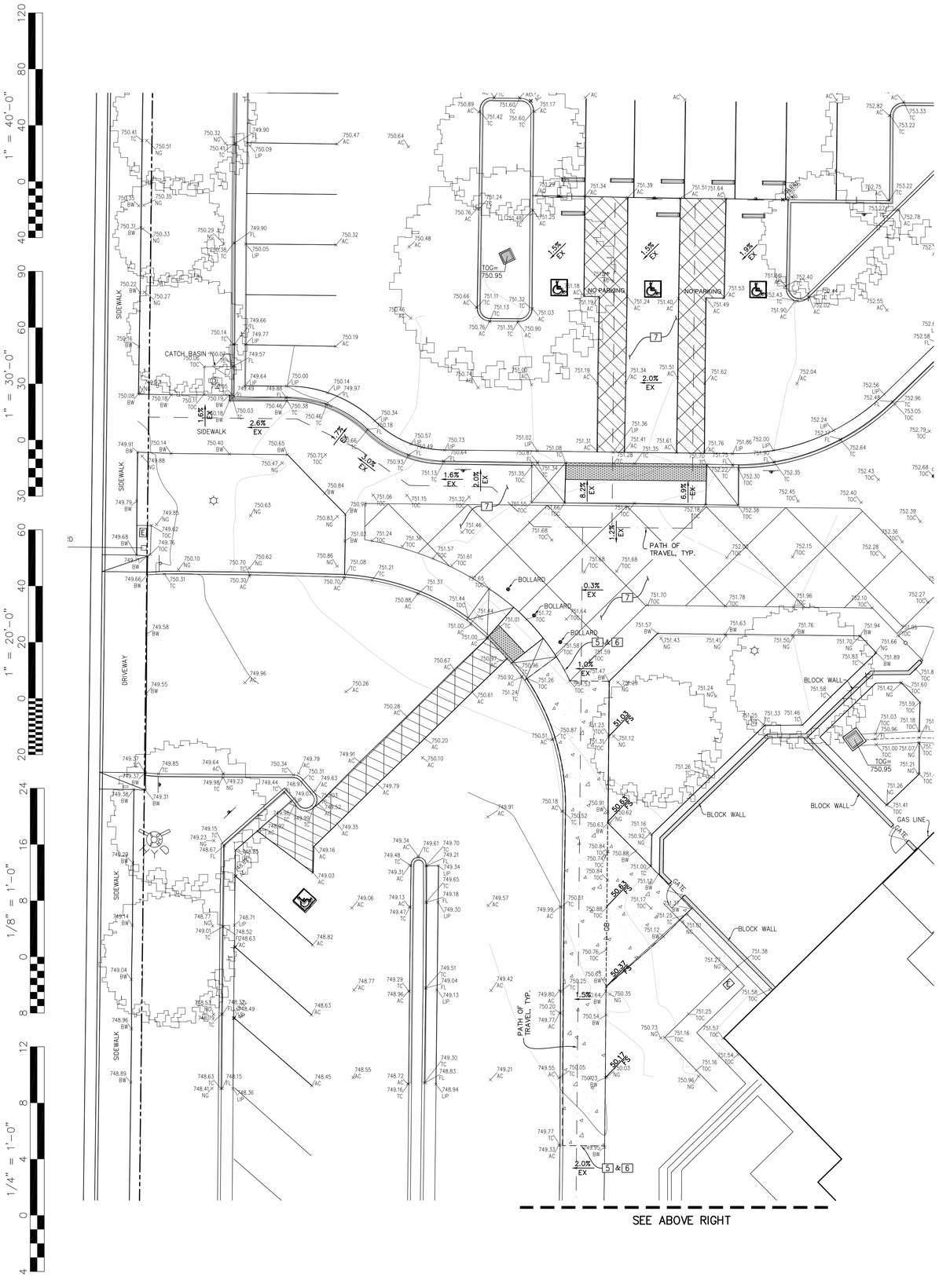

GRADING CONSTRUCTION NOTES

REMOVE EXISTING CONCRETE AND REPLACE MINIMUM 4" THICK CONCRETE WALK PER ARCHITECTURAL PLANS. COMPACT MINIMUM 6" OF SUB-GRADE TO 90% MAX DENSITY. PROVIDE MINIMUM 4' WIDE PATH OF TRAVEL WITH 2% CROSS SLOPE AND 5% SLOPE IN THE DIRECTION OF TRAVEL.

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8. SAWCUT ASPHALT AND PATCH BACK WITH 3" MIN AC 12" OVER 4" MIN AGGREGATE BASE OVER MIN NAT. GRD. COMPACTED TO 95% MAX DENSITY.

TOPOGRAPHIC SURVEY LEGEND:

- EDGE OF PAVEMENT
- STREET CENTERLINE
- STREET RIGHT-OF-WAY/PROPERTY LINE
- EXISTING CHAIN-LINK FENCE
- ELECTRICAL BOX
- ELECTRICAL GROUND ROD
- SEWER CLEANOUT
- IRRIGATION BOX
- WATER VALVE
- WATER BOX
- GAS VALVE
- STREET SIGN
- DRAIN GRATE WITH ELEVATION
- TREE (SIZE VARIES)
- FIRE HYDRANT
- LIGHT STANDARD

BENCHMARK

TOP OF CONCRETE MONUMENT AT THE CENTERLINE INTERSECTION OF MESA MARIN DRIVE AND RAINWATER LANE

ELEVATION= 750.00 (ASSUMED)

NOTES:

1. SEE ARCHITECTURAL SITE PLAN FOR ALL DIMENSIONS NOT SHOWN.
2. SEE ARCHITECTURAL PLANS FOR DEMOLITION PLAN.
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5. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
6. COORDINATE IRRIGATION REMOVAL/RELOCATION WITH OWNER.

ABBREVIATIONS

TYPICAL ALL SHEETS UNLESS SUPERSEDED BY SHEET DEFINITION

EX	EXISTING
FG	FINISHED GROUND
FS	FINISHED SURFACE
FP	FINISHED PAD
FF	FINISHED FLOOR
NG or OG	NATURAL/ORIGINAL GROUND
EP	EDGE OF ASPHALT CONCRETE PAVEMENT
AC	TOP OF ASPHALT CONCRETE PAVEMENT
AB	AGGREGATE BASE
CL	CENTERLINE
FL	FLOWLINE
GB	GRADE BREAK
TOG	TOP OF GRATE/CATCH BASIN INLET
TOC	TOP OF CONCRETE
CONC	CONCRETE
BW	BACK OF SIDEWALK
TC	TOP OF CURB
±	MATCH EXISTING
~	ON THIS SHEET
MAX	MAXIMUM
MIN	MINIMUM
TYP	TYPICAL
EL or ELEV	ELEVATION
BDRY	BOUNDARY
SF	SQUARE FEET
LF	LINEAR FEET
EA	EACH
CY	CUBIC YARDS
ESMT	EASEMENT
RW	RIGHT-OF-WAY
SD	STORM DRAIN
CB	CATCH BASIN
SWR	SANITARY SEWER
MH	MANHOLE
WTR	WTR
G	GAS
REQ'D	REQUIRED

NORTH

SCALE: 1"=10'

0 5 10 20

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CIVIL
STATE OF CALIFORNIA

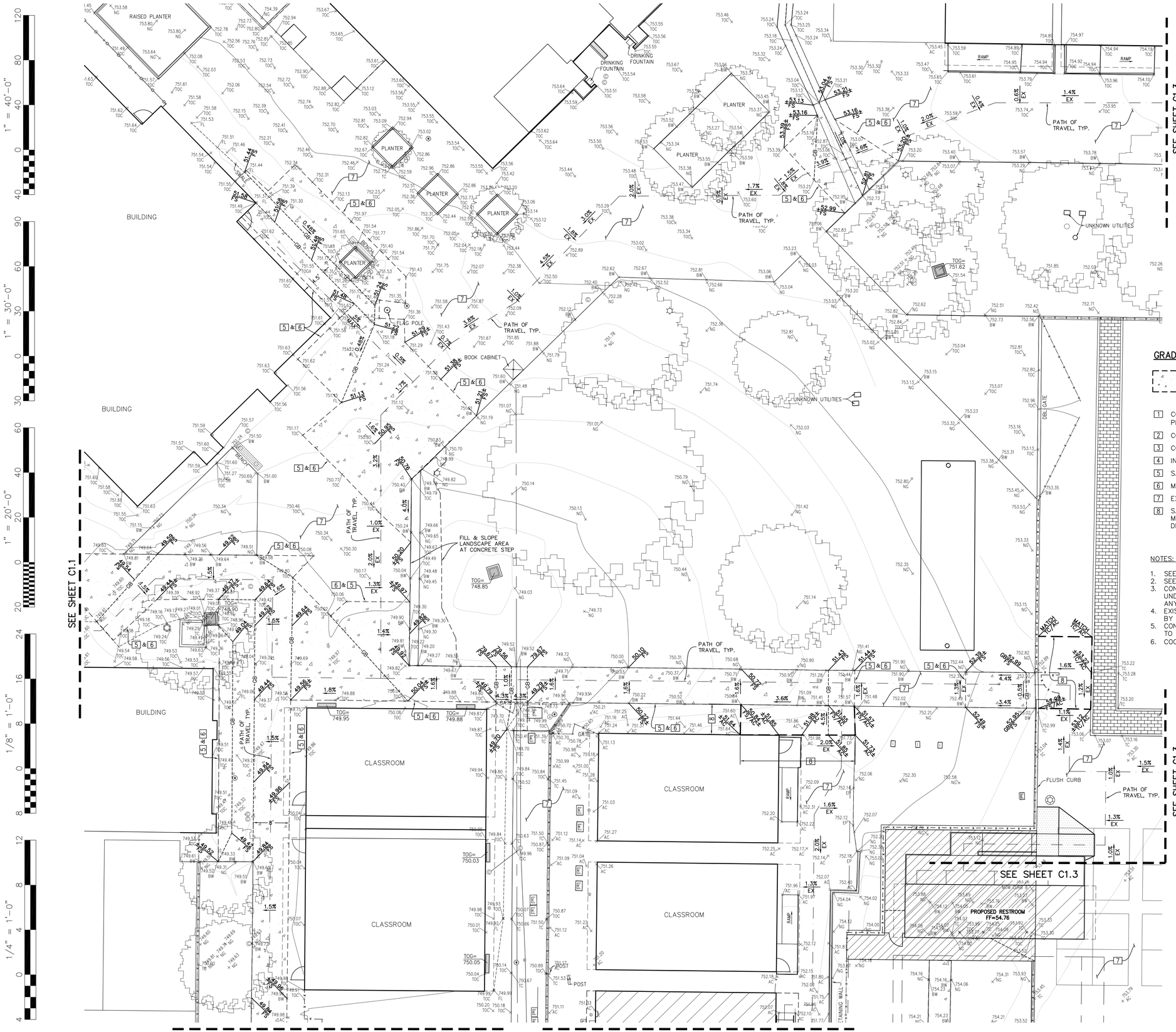
Sheet Title:

GRADING PLAN PATH OF TRAVEL

Job No.: **5682.1**

Sheet No.: **C1.1**

Release: DSA SUBMITTAL ISSUE DATE



GRADING CONSTRUCTION NOTES

REMOVE EXISTING CONCRETE AND REPLACE MINIMUM 4" THICK CONCRETE WALK PER ARCHITECTURAL PLANS. COMPACT MINIMUM 6" OF SUB-GRADE TO 90% MAX DENSITY. PROVIDE MINIMUM 4' WIDE PATH OF TRAVEL WITH 2% CROSS SLOPE AND 5% SLOPE IN THE DIRECTION OF TRAVEL.

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NORTH
SCALE: 1"=10'
0 5 10 20

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Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

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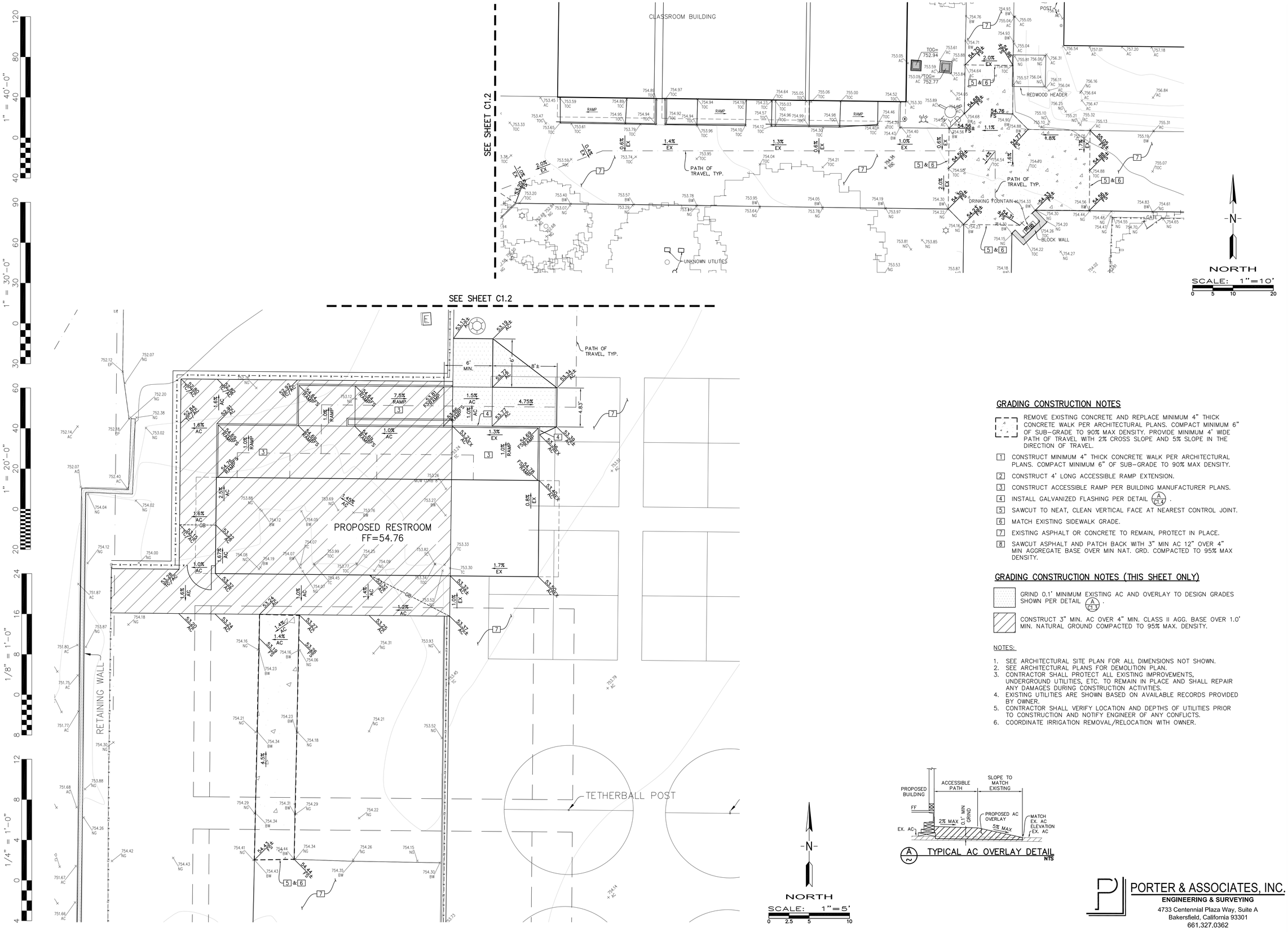
Sheet Title:

GRADING PLAN PATH OF TRAVEL

Job No.: **5682.1**

Sheet No.: **C1.2**

Release: DSA SUBMITTAL ISSUE DATE



GRADING CONSTRUCTION NOTES

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GRADING CONSTRUCTION NOTES (THIS SHEET ONLY)

GRIND 0.1' MINIMUM EXISTING AC AND OVERLAY TO DESIGN GRADES SHOWN PER DETAIL A/C1.5.

CONSTRUCT 3" MIN. AC OVER 4" MIN. CLASS II AGG. BASE OVER 1.0' MIN. NATURAL GROUND COMPACTED TO 95% MAX. DENSITY.

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A/C1.3 TYPICAL AC OVERLAY DETAIL NTS

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Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
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REGISTERED PROFESSIONAL ENGINEER JOHN PORTER RCE 74659 CIVIL STATE OF CALIFORNIA

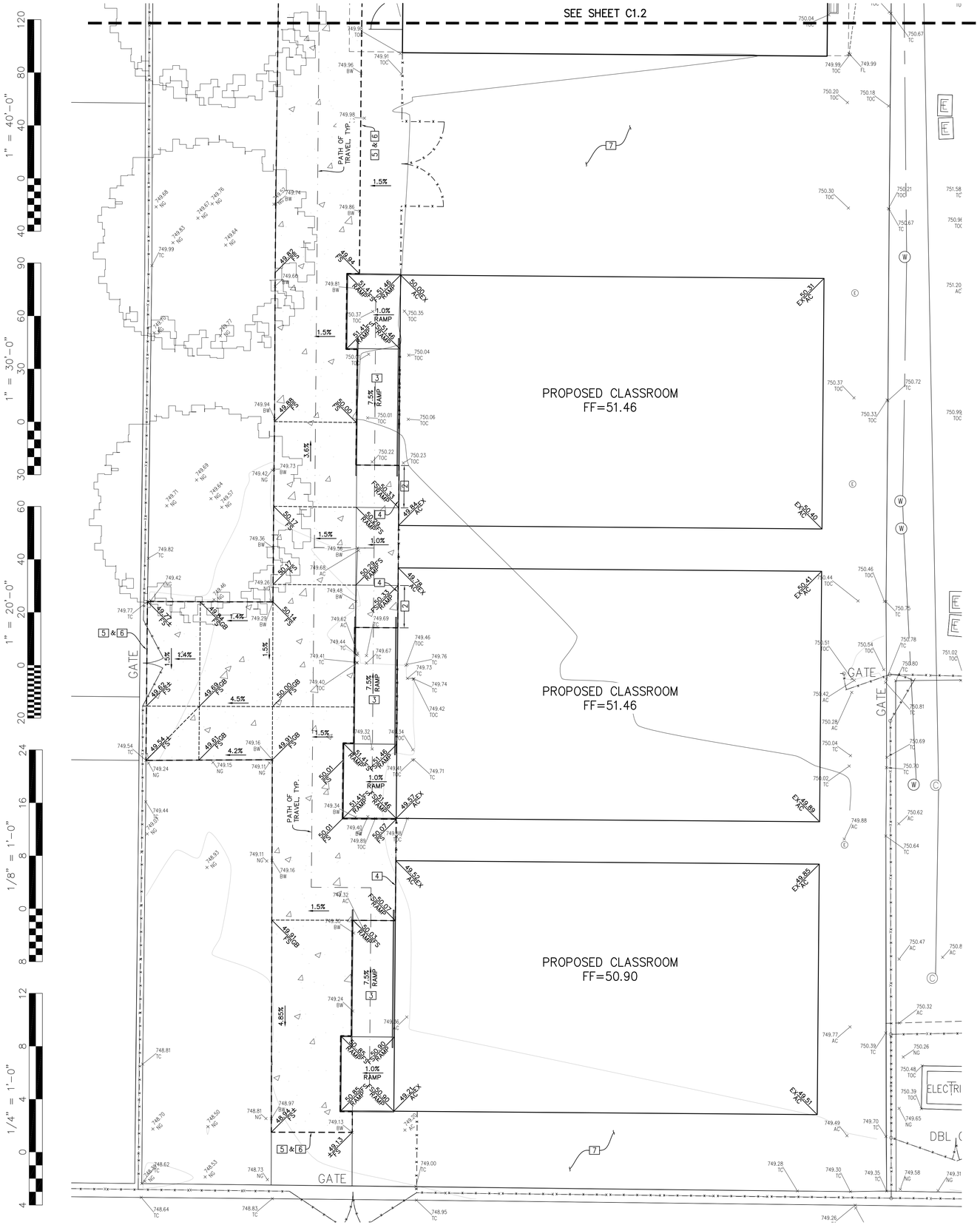
Sheet Title:

GRADING PLAN PATH OF TRAVEL & RESTROOM BLDG

Job No.: **5682.1**

Sheet No.: **C1.3**

Release: DSA SUBMITTAL ISSUE DATE



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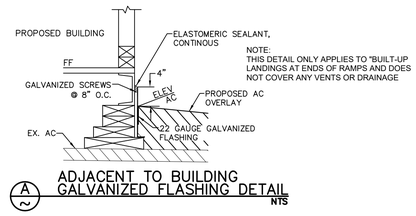
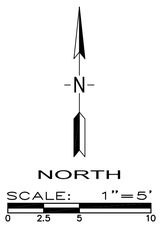


A/~ ADJACENT TO BUILDING GALVANIZED FLASHING DETAIL
NTS



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RCE 74559
CIVIL
STATE OF CALIFORNIA

Sheet Title:

GRADING PLAN 3 CLASSROOM BLDGS

Job No.: **5682.1**

Sheet No.: **C1.4**

Release: DSA SUBMITTAL ISSUE DATE

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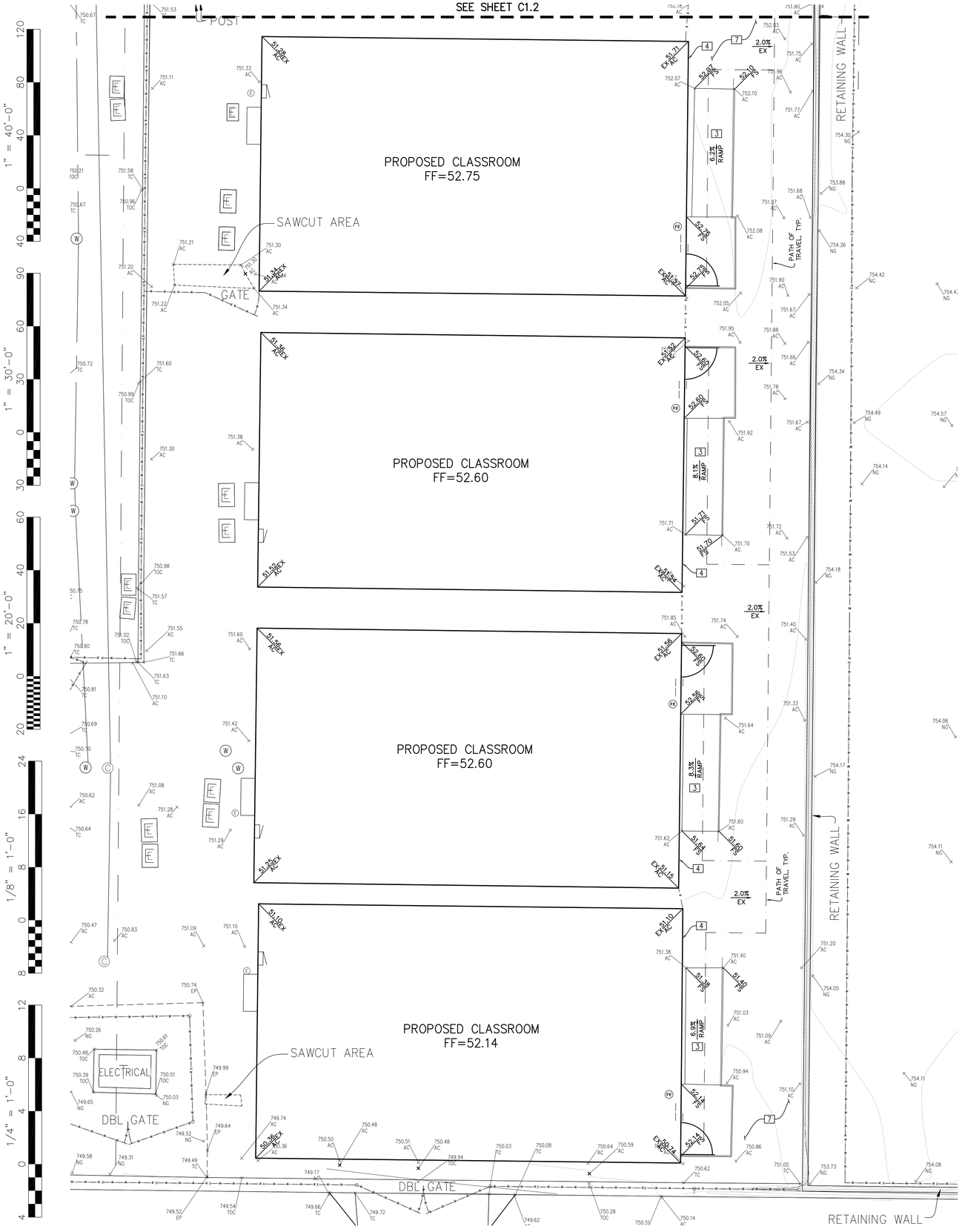

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NORTH

SCALE: 1"=5'

0 2.5 5 10

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Sheet Title:

GRADING PLAN 4 CLASSROOM BLDGS

Job No.:

5682.1

Sheet No.:

C1.5

Release: DSA SUBMITTAL ISSUE DATE

1" = 40'-0" 120 80 40 0

1" = 30'-0" 90 60 30 0

1" = 20'-0" 60 40 20 0

1/8" = 1'-0" 24 16 8 0

1/4" = 1'-0" 12 8 4 0

GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THIS PLAN, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION, THE CALIFORNIA BUILDING CODE, CITY OF BAKERSFIELD ORDINANCE, LATEST EDITION, AND STANDARDS PERTAINING THERETO AND THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER. THESE DOCUMENTS SHALL MAKE A PART HEREOF. THE CONTRACTOR SHALL OBTAIN A COMPLETE COPY OF EACH.

2. ALL CONSTRUCTION WITHIN THE CITY RIGHT-OF-WAY OR CITY EASEMENTS SHALL BE IN ACCORDANCE WITH THE PROPOSED CITY OF BAKERSFIELD STANDARDS AND STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION. THESE STANDARDS, DRAWINGS AND DETAILS SHALL BE CONSIDERED A PART OF THESE PLANS AND THE CONTRACTOR SHALL OBTAIN A COPY FOR HIS USE.

3. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS BEFORE START OF CONSTRUCTION. AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK TO BE PERFORMED IN THE EXISTING, ACCEPTED STREET RIGHT-OF-WAY. UNLESS SECURED BY AN IMPROVEMENT AGREEMENT, APPROVED INSURANCE AND SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN THE STREET RIGHT-OF-WAY SHALL BE POSTED PRIOR TO ISSUANCE OF A PERMIT.

4. 24 HOUR NOTICE: PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION, THE CITY CONSTRUCTION INSPECTION SECTION SHALL BE GIVEN AT LEAST 24 HOURS NOTICE. THE SECTION MAY BE NOTIFIED AT (661) 326-3049.

5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING DIMENSIONS, DATA AND MEASUREMENTS AT THE BUILDING SITE PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. PORTER & ASSOCIATES, INC. MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.

6. EXISTING UTILITY AND UNDERGROUND LINES HAVE BEEN SHOWN ON THIS PLAN ACCORDING TO AVAILABLE RECORDS. THE ENGINEER IS NOT RESPONSIBLE FOR POSSIBLE ERRORS OR OMISSIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING OF ANY WORK. UNDERGROUND SERVICE ALERT (U.S.A.: 811) SHALL BE CONTACTED AT LEAST TWO WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION.

7. ANY EXISTING IMPROVEMENTS OR UTILITIES THAT ARE REMOVED, DAMAGED OR UNDERCUT BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED BY THE ENGINEER AND APPROVED BY THE GOVERNING AUTHORITY.

8. IF A PROBLEM OR CONFLICT SHOULD ARISE DURING THE COURSE OF THE PROJECT, IT IS THE RESPONSIBILITY OF THE OWNER OR THE CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO ANY FURTHER WORK.

9. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SUPERVISION NECESSARY FOR A COMPLETE AND FUNCTIONAL PRODUCT.

10. ALL WORK WHICH IS DEFECTIVE IN ITS CONSTRUCTION OR DEFICIENT IN ANY OF THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE REMEDIED, OR REMOVED AND REPLACED BY THE CONTRACTOR IN AN ACCEPTABLE MANNER, AND NO COMPENSATION WILL BE ALLOWED FOR SUCH CORRECTION.

11. IN THE EVENT CONSTRUCTION STAKING BASED ON THE CONSULTANT'S PLANS, DRAWINGS OR OTHER DOCUMENTS IS ACCOMPLISHED BY ANYONE OTHER THAN THE CONSULTANT, THE OWNER OR CONTRACTOR SHALL NOTIFY THE BUILDING OFFICIAL IN WRITING AS TO THE CHANGE OF ENGINEER IN RESPONSIBLE CHARGE.

12. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT; INCLUDING EROSION, SEDIMENTATION & DUST CONTROL PLAN AND STORM WATER POLLUTION PREVENTION PLAN IMPLEMENTATION AND THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

13. IF THE CONTRACTOR IS IN DOUBT AS TO THE MEANING OF ANY PART OF THE DRAWINGS AND SPECIFICATIONS OR FINDS DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS, HE SHALL SUBMIT A WRITTEN REQUEST FOR AN INTERPRETATION OR A CORRECTION THEREOF, PRIOR TO FILING HIS BID PRICE FOR THE PROJECT.

14. PORTER & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ANY AND ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING BY PORTER & ASSOCIATES, INC.

15. AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK PERFORMED WITHIN EXISTING ACCEPTED STREET RIGHT OF WAY. UNLESS SECURED BY AN IMPROVEMENT AGREEMENT, SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN RIGHT OF WAY AND INSURANCE AS REQUIRED SHALL BE PROVIDED PRIOR TO ISSUANCE OF A PERMIT.

16. NO CITY INSPECTIONS WILL BE GIVEN FOR THE WORK IN THIS AREA UNTIL A SUBDIVISION PERMIT WITH APPROPRIATE SECURITY AND INSURANCE HAS BEEN OBTAINED.

17. ANY WORK CONNECTING TO EXISTING PUBLIC FACILITIES FROM PRIVATE PROPERTY WILL REQUIRE AN ENGINEER'S ESTIMATE FOR THE WORK IN THE EXISTING PUBLIC RIGHT-OF-WAY TO ESTABLISH THE NECESSARY DEPOSIT FOR A STREET PERMIT. (FOR TRACTS WITH PRIVATE STREETS, PARCEL MAP IMPROVEMENTS, OR PUBLIC TRACTS WITHOUT RECORDED MAPS).

18. ANY ITEMS IN PUBLIC RIGHT-OF-WAY THAT ARE DAMAGED OR DO NOT MEET CURRENT STANDARDS SET BY PUBLIC WORKS WILL REQUIRE REPAIRING AND/OR UPGRADING AS PER CITY ENGINEER.

GRADING NOTES

1. ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THIS PLAN, APPENDIX J OF CALIFORNIA BUILDING CODE AS MODIFIED BY CITY OF BAKERSFIELD ORDINANCE, AND THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER. THESE DOCUMENTS SHALL BE MADE A PART HEREOF. THE CONTRACTOR SHALL OBTAIN A COMPLETE COPY OF EACH.

2. ALL DESIGN ELEVATIONS SHOWN ARE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.

3. THE GEOTECHNICAL ENGINEER, DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED AT LEAST 2 DAYS BEFORE THE START OF ANY WORK AND PRIOR TO PLACING ANY FILL MATERIAL.

4. ALL GRADING WORK SHALL BE SUPERVISED AS "ENGINEERED GRADING" IN ACCORDANCE WITH THE BUILDING CODE. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODES WITHIN HIS PURVIEW.

5. ANY TRENCHING TO BE DONE WITHIN THE PROJECT SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE PROPOSED C.O.B. STD. DWG. ST-12.

6. SITE PREPARATION AND GRADING SHALL BE DONE UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODES.

7. PURSUANT TO SECTION J104.6 OF THE CALIFORNIA BUILDING CODE AS MODIFIED BY CITY OF BAKERSFIELD ORDINANCE, SECTION J104.6 PARAGRAPH 12, IF THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER, OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING WITHIN 48 HOURS OF SUCH CHANGE AND PRIOR TO THE RECOMMENCEMENT OF GRADING.

8. THE CONTRACTOR SHALL PREVENT A DUST NUISANCE FROM ORIGINATING FROM THE SITE OF WORK AS A RESULT OF HIS OPERATIONS DURING THE EFFECTIVE PERIOD OF THIS CONTRACT. PREVENTATIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO MITIGATE THE IMPACT OF DUST AND PM10 EMISSIONS ACCORDING TO THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT REGULATION VIII (8). IN ADDITION TO ANY DUST CONTROL PLAN, THESE MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

A. PRE-ACTIVITY:
   A. PRE-WATER SITE SUFFICIENT TO LIMIT VISIBLE DUST EMISSIONS (VDE) TO 20% OPACITY.
   B. PHASE WORK TO REDUCE THE AMOUNT OF DISTURBED SURFACE AREA AT ANY ONE TIME.

GRADING NOTES CONTINUED

B. DURING ACTIVE OPERATIONS:
   A. APPLY WATER OR OTHER APPROVED SUBSTANCE SUFFICIENT TO LIMIT VDE TO 20% OPACITY
   B. LIMIT ACTIVITY TO PERIODS OF LOW OR NO WIND, OR CONSTRUCT AND MAINTAIN WIND BARRIERS SUFFICIENT TO LIMIT VDE TO 20% OPACITY.
   C. APPLY WATER OR OTHER APPROVED SUBSTANCE TO UNPAVED HAUL/ACCESS ROADS AND UNPAVED VEHICLE/EQUIPMENT TRAFFIC AREAS SUFFICIENT TO LIMIT VDE TO 20% OPACITY AND MEET THE CONDITIONS OF A STABILIZED UNPAVED ROAD SURFACE.

C. TEMPORARY STABILIZATION DURING PERIODS OF INACTIVITY:
   A. RESTRICT VEHICULAR ACCESS TO THE AREA.
   B. APPLY WATER OR OTHER APPROVED SUBSTANCE SUFFICIENT TO COMPLY WITH THE CONDITIONS OF A STABILIZED SURFACE. IF ANY AREA HAVING 0.5 ACRES OR MORE OF DISTURBED SURFACE AREA REMAINS UNUSED FOR SEVEN OR MORE DAYS, THE AREA MUST COMPLY WITH THE CONDITIONS FOR A STABILIZED SURFACE AREA AS DEFINED IN RULE 8011.

D. CARRYOUT AND TRACKOUT ON PUBLIC ROADS:
   A. ALL VISIBLE CARRYOUT AND TRACKOUT WITHIN 50 FEET OF THE SITE SHALL BE REMOVED AT THE END OF EACH WORKDAY. TRACKOUT BEYOND 50 FEET OF THE SITE SHALL BE REMOVED IMMEDIATELY.
   B. CLEANUP SHALL BE ACCOMPLISHED BY MANUAL SWEEPING OR APPROVED EQUIPMENT AND METHOD AS SPECIFIED BY THE SJVUAPCD.
   C. THE USE OF BLOWER DEVICES OR DRY ROTARY BRUSHES OR BROOMS, FOR REMOVAL OF CARRYOUT AND TRACKOUT ON PUBLIC ROADS IS EXPRESSLY PROHIBITED.
   D. ANY PERMITS REQUIRED FOR MUD AND DIRT CLEANUP SHALL BE OBTAINED BY THE CONTRACTOR.

9. IF DURING GRADING OR CONSTRUCTION, ANY PLUGGED, ABANDONED OR UNRECORDED WELLS ARE UNCOVERED OR DAMAGED, THE DEPARTMENT OF CONSERVATION/ DIVISION OF OIL GAS AND GEOTHERMAL RESOURCES SHALL BE CONTACTED TO INSPECT AND APPROVE ANY REMEDIATION.

10. IF DURING CONSTRUCTION ACTIVITIES OR GROUND DISTURBANCE, CULTURAL RESOURCES ARE UNCOVERED, THE CONTRACTOR SHALL STOP WORK AND RETAIN A QUALIFIED ARCHEOLOGIST FOR FURTHER STUDY. THE CONTRACTOR SHALL NOTIFY THE PROPER AUTHORITIES AND BE SUBJECT TO ANY MITIGATION MEASURES REQUIRED BY THE ARCHAEOLOGIST.

11. DURING GRADING, REASONABLE SEARCHING SHOULD BE PERFORMED FOR CONCEALED SUBSURFACE OBSTRUCTIONS. ALL ABANDONED SUBSURFACE OBSTRUCTIONS SHOULD BE REMOVED. IF THE TERMINUS OF ANY ABANDONED PIPING IS OUTSIDE THE PROJECT LIMITS, THE PIPING SHOULD BE REMOVED WITHIN THE PROJECT AND PROPERLY CAPPED AT THE PROJECT BOUNDARY.

12. ALL ONSITE OR OFFSITE OBSTRUCTIONS SHALL BE REMOVED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

13. THE SITE SHALL BE CLEARED AND GRUBBED OF ALL VEGETATION, INCLUDING ROOTS, LOOSE FILL, TRASH AND OTHER DELETERIOUS MATERIALS ACCORDING TO THE RECOMMENDATIONS OF THE GEOTECHNICAL INVESTIGATION OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. ANY HOLE OR VOIDS LEFT AFTER THE REMOVAL OF TREES, ROOTS, SEPTIC TANKS, ABANDONED FOUNDATIONS, PIPELINES OR THE LIKE, SHALL BE FILLED AS REQUIRED BY THE GEOTECHNICAL ENGINEER.

14. GROUND SURFACES TO RECEIVE CONCRETE DRIVEWAYS AND BITUMINOUS PAVEMENTS SHOULD BE SCARIFIED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE EXISTING GROUND SURFACE IN AREAS TO BE FILLED, UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL INVESTIGATION OR DIRECTED BY THE GEOTECHNICAL ENGINEER. COMPACTION IN PROPOSED PAVEMENT AREAS SHOULD BE TO A MINIMUM OF 95% OF THE MAXIMUM DENSITY AS OBTAINED BY ASTM TEST METHOD D1557-78, AND SHOULD EXTEND TO A MINIMUM DISTANCE OF 2 FEET BEYOND THE OUTSIDE EDGES OF PAVEMENTS. SURFACES TO RECEIVE CURBS, GUTTERS AND SIDEWALKS SHALL BE SCARIFIED AND COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM DENSITY TO A MIMIMUM DEPTH OF 6 INCHES BELOW GROUND SURFACE.

15. PAD AREAS SHALL BE CLEARED OF ALL VEGETATION AND OTHER UNSUITABLE MATERIAL, SCARIFIED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE EXISTING GROUND SURFACE IN AREAS TO BE FILLED OR 12 INCHES BELOW BOTTOM OF FOOTING OR 24 INCHES BELOW FINISH PAD IN CUT AREAS, UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL INVESTIGATION OR DIRECTED BY THE GEOTECHNICAL ENGINEER. COMPACTION IN PROPOSED AREAS ON THE SITE ON WHICH STRUCTURES ARE TO BE PLACED MUST BE COMPACTED TO 90% DENSITY FOR A MINIMUM DISTANCE OF 5 FEET BEYOND THE OUTSIDE EDGES OF THE FOUNDATIONS OF THE STRUCTURES.

THE DEPTH OF OVEREXCAVATION AND COMPACTION IN PAD AREAS SHALL CONFORM TO THE RECOMMENDATION OF THE GEOTECHNICAL ENGINEERING INVESTIGATION OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. RE-COMPACTION OF OVER-EXCAVATED MATERIAL SHALL BE TO AT LEAST 90% OF MAXIMUM DRY DENSITY.

16. FLOODING, JETTING, OR SIMILAR CONSOLIDATION METHODS OF COMPACTION SHALL NOT BE PERMITTED.

17. THE GRADING CONTRACTOR SHALL GRADE THE PAVING AREAS TO WITHIN 0.1 FOOT OF SUBGRADE. IF SUCH AREAS SHOULD BE FOUND TO BE MORE THAN 0.1 FOOT FROM THE DESIGN SUBGRADE ELEVATION AFTER COMPLETION OF GRADING, THE GRADING CONTRACTOR SHALL RETURN AND CORRECT THE GRADING AT NO COST TO THE OWNER.

18. SURFACE DRAINAGE SHALL BE 1% MINIMUM, EXCEPT AS WAIVED BY THE BUILDING OFFICIAL.

19. ALL CUT AND FILL SLOPES SHALL BE 2:1 (2 HORIZONTAL TO 1 VERTICAL) OR FLATTER, UNLESS OTHERWISE NOTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.

20. FILL AREAS SLOPING STEEPER THAN 5:1 SHALL BE KEYED AND BENCHED TO SUPPORT FILL.

21. FILL SLOPES SHALL NOT TOE OUT WITHIN 12 FEET HORIZONTALLY OF THE TOP OF EXISTING OR PLANNED CUT SLOPES.

22. ALL SLOPES IN EXCESS OF 3 FEET IN VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION.

23. FOR HILL-SIDE DEVELOPMENT, A BERM OR DRAINAGE SWALE SHALL BE CONSTRUCTED ALONG THE TOP OF ALL CUT AND FILL HILL-SIDE SLOPES TO PREVENT RUNOFF FROM GOING OVER THE SLOPE.

24. FILL MATERIAL SHALL BE SUBJECT TO THE GEOTECHNICAL ENGINEERS APPROVAL.

25. ENGINEERED FILL MATERIALS SHOULD BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF NO RECOMMENDATION EXISTS, FILL SHALL BE PLACED IN THIN LAYERS LESS THAN 6 INCHES IN UNCOMPACTED THICKNESS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (OR A MOISTURE CONTENT COMMENSURATE WITH EFFECTIVE COMPACTING AND SOIL STABILITY). ENGINEERED FILL MATERIALS SHOULD BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY AS DETERMINED BY APPROVED METHOD THE CURRENT CALIFORNIA BUILDING CODE AND CERTIFIED BY TESTS AND REPORTS FROM THE GEOTECHNICAL ENGINEER.

26. ANY CUT AND FILL QUANTITIES SHOWN ON THIS PLAN ARE FOR PERMIT PURPOSES ONLY. THE ENGINEER MAKES NO WARRANTY EITHER DIRECT OR IMPLIED THAT THIS WILL BE THE ACTUAL COMPACTION FACTOR. THE CONTRACTOR SHALL, AFTER EXAMINING THE PLAN, GEOTECHNICAL INVESTIGATION AND THE SITE TERRAIN, PREPARE HIS BID PRICE FOR THE PROJECT, BASED ON HIS OWN EARTHWORK CALCULATIONS. IF A DEFICIENCY OR AN EXCESS OF SOIL ARISES DURING GRADING, THE GRADING CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER, WHO SHALL DETERMINE IF ADJUSTMENTS CAN BE MADE TO IMPROVE THE BALANCE BETWEEN CUT AND FILL.

27. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE BORROW SITE WITH THE BUILDING OFFICIAL AND THE SOILS ENGINEER PRIOR TO PULLING THE GRADING PERMIT.

28. EXPORT MATERIAL SHALL BE DISPOSED OF AT AN APPROVED SITE THAT IS COORDINATED WITH THE BUILDING OFFICIAL PRIOR TO PULLING THE GRADING PERMIT.

29. MAXIMUM SLOPE RATIO FROM BACK OF SIDEWALK TO FACE OF WALL OR STRUCTURE SHALL BE 4:1, EXCEPT FOR TWO FEET BEHIND THE SIDEWALK WHERE THE MAXIMUM SLOPE SHALL BE 2%. ALTERNATIVELY, THE CITY ENGINEER MAY APPROVE CURBING BEHIND THE SIDEWALK OR OTHER METHOD TO PREVENT EROSION ONTO THE SIDEWALK.

30. IT IS THE RESPONSIBILITY OF THE DEVELOPER AND THE CONTRACTOR TO
(A) FAMILIARIZE THEMSELVES WITH THE FOREGOING RECOMMENDATIONS,
(B) NOTIFY THE ENGINEER WHEN SITE PREPARATION BEGINS AND BEFORE THE PLACEMENT OF FILLS, AND
(C) INFORM THE ENGINEER OF ITEMS ENCOUNTERED DURING EARTHWORK OPERATIONS WHICH MIGHT EFFECT FOUNDATION STABILITY, SO THAT THE ITEMS MAY BE TREATED UNDER THE ENGINEER'S DIRECTION. (THESE ITEMS MIGHT INCLUDE BURIED TRASH OR VEGETATION, PIPELINES, ABANDONED WELLS, OLD FILLS, ETC.)

GRADING NOTES CONTINUED

31. UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL GEOTECHNICAL INVESTIGATION COVERING THE SITE PREPARATION AND GRADING SHALL BE SUBMITTED TO THE ENGINEER AND BUILDING DEPARTMENT BY THE GEOTECHNICAL ENGINEER.

AFTER COMPLETION OF THE GRADING, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, ON A FORM PRESCRIBED BY THE ENGINEER, A STATEMENT THAT THE GRADING HAS BEEN COMPLETED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS FOR THE PROJECT, INCLUDING ALL RECOMMENDATIONS AND REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION FOR THE PROJECT, IF ANY.

32. SITE INSPECTIONS: THE BUILDING OFFICIAL SHALL INSPECT THE PROJECT AT THE FOLLOWING STAGES OF WORK:

A. INITIAL - WHEN THE SITE HAS BEEN CLEARED OF VEGETATION AND UNAPPROVED FILL AND IT HAS BEEN SCARIFIED OR OTHERWISE PREPARED FOR FILL. NO FILL SHALL HAVE BEEN PLACED PRIOR TO THIS INSPECTION.

B. ROUGH - WHEN APPROXIMATE FINAL ELEVATIONS HAVE BEEN ESTABLISHED; DRAINAGE TERRACES; SWALES AND OTHER DRAINAGE DEVICES NECESSARY FOR THE PROTECTION OF THE BUILDING SITE FROM FLOODING ARE INSTALLED; BERMS ARE INSTALLED AT TOPS OF SLOPES; AND THE STATEMENTS REQUIRED FROM THE CIVIL ENGINEER, GEOTECHNICAL ENGINEER, ENGINEERING GEOLOGIST (IF ANY) AND GRADING CONTRACTOR HAVE BEEN RECEIVED.

C. FINAL - WHEN GRADING IS COMPLETED; ALL DRAINAGE DEVICES NECESSARY TO DRAIN THE BUILDING PAD HAVE BEEN INSTALLED, SLOPE PLANTING ESTABLISHED, IRRIGATION SYSTEMS INSTALLED AND THE AS-GRADED PLANS AND REQUIRED STATEMENTS HAVE BEEN SUBMITTED.

33. SECURITY IN A FORM ACCEPTABLE TO THE CITY SHALL BE PROVIDED BY THE OWNER FOR GRADING INVOLVING MORE THAN 1,000 CUBIC YARDS PRIOR TO ISSUANCE OF A GRADING PERMIT. ACCEPTABLE FORMS OF SECURITY INCLUDE A BOND FURNISHED BY A CORPORATE SURETY AUTHORIZED TO DO BUSINESS IN THE STATE OF CALIFORNIA, A CASH BOND, OR AN INSTRUMENT OF CREDIT FROM A FINANCIAL INSTITUTION SUBJECT TO REGULATION BY THE STATE OF CALIFORNIA OR FEDERAL GOVERNMENT.

THE BUILDING OFFICIAL MAY WAIVE THE REQUIREMENT FOR SECURITY IF THE GRADING DOES NOT EXCEED A SLOPE OF THREE HORIZONTAL TO ONE VERTICAL PROVIDED SUCH GRADING WILL NOT AFFECT DRAINAGE FROM OR TO ADJACENT PROPERTIES.

34. THE LANDSCAPE AREAS ARE TO BE DESIGNED AND GRADED TO MINIMIZE EXCESS LANDSCAPE DRAINAGE ACROSS THE SIDEWALK FOR THOSE AREAS OVER 2%.

35. BLOCK WALLS SHALL BE DONE UNDER A SEPARATE PERMIT, NOT PART OF THESE PLANS.

36. COMPACTION TESTS SHALL BE THE RESPONSIBILITY OF THE DEVELOPER/SUBDIVIDER/CONTRACTOR. THE NUMBER AND LOCATION OF REQUIRED TESTS SHALL BE DETERMINED BY THE CITY ENGINEER.

ASPHALT CONCRETE NOTES

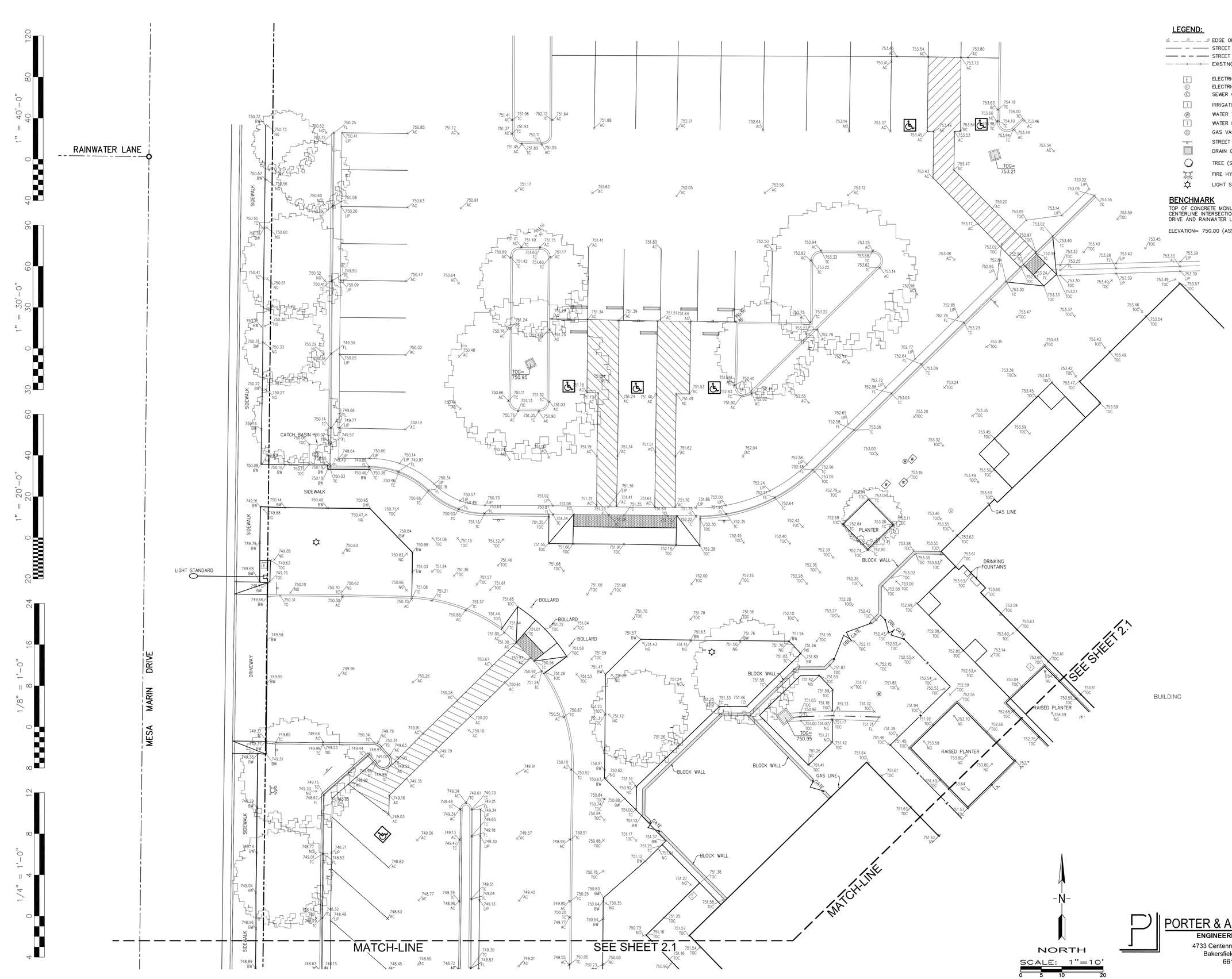
1. THIS SECTION COVERS THE FURNISHING OF LABOR AND EQUIPMENT FOR EXCAVATION, TRENCHING, BACKFILLING AND ALL OTHER EARTHWORK OPERATIONS REQUIRED TO COMPLETE THE INSTALLATION OF ASPHALT PAVING AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED. ALL REFERENCES TO PROVISIONS SHALL BE TO THE CALTRANS STANDARD SPECIFICATIONS, CURRENT EDITION, UNLESS OTHERWISE NOTED.
2. AGGREGATE BASE SHALL BE "CLASS 2" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE PROVISIONS IN SECTION 26, "AGGREGATE BASES," OF THE CALTRANS STANDARD SPECIFICATIONS. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
3. ASPHALT CONCRETE SHALL BE "TYPE B" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE PROVISIONS IN SECTION 39, "ASPHALT CONCRETE," OF THE CALTRANS STANDARD SPECIFICATIONS AND THE FOLLOWING SPECIAL PROVISIONS:
   A. ASPHALT CONCRETE SHALL HAVE A BITUMINOUS BINDER. THE BINDER SHALL BE PG 64-10 PERFORMANCE GRADED ASPHALT AND SHALL CONFORM TO THE REQUIREMENTS OF THE TABLE FOR PERFORMANCE GRADED ASPHALT BINDER IN SECTION 92-1.02(B), "GRADES" OF THE STANDARD SPECIFICATIONS.
   B. THE AMOUNT OF BITUMINOUS BINDER TO BE MIXED WITH THE MINERAL AGGREGATE SHALL BE BETWEEN FOUR PERCENT (4%) AND SIX PERCENT (6%) BY WEIGHT OF DRY MINERAL AGGREGATE. THE EXACT AMOUNT OF BITUMINOUS BINDER TO BE MIXED WITH THE MINERAL AGGREGATE WILL BE DETERMINED BY THE ENGINEER.
   C. ASPHALT CONCRETE SURFACING SHALL BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS OF SECTION 39. A PRIME COAT SHALL NOT BE APPLIED TO THE BASE PRIOR TO PLACING ASPHALT CONCRETE SURFACING. A TACK COAT SHALL BE APPLIED PRIOR TO PAVING OVER EXISTING ASPHALT CONCRETE SURFACING. TACK COAT SHALL CONFORM TO CALTRANS STANDARD SPECIFICATION SECTION 94; ASPHALT GRADE EMULSION SS-1, SS-1N, CSS-1 AND CSS-1N.
   D. ASPHALT CONCRETE SHALL BE COMPACTED TO 92-94% OF THE MAXIMUM THEORETICAL DENSITY AS DETERMINED BY ASTM D-2041. IN-PLACE DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH CALIFORNIA TEST 375.
   E. AT CONNECTIONS TO EXISTING AC SURFACES, THE EXISTING SURFACE SHALL BE SAWCUT AND REMOVED TO A NEAT LINE BEFORE THE PAVING OR AS DIRECTED BY THE ENGINEER.
   F. THE MIXTURE SHALL BE APPLIED AT A MINIMUM TEMPERATURE OF 225°F. SPREADING SHALL BE PERFORMED BY SELF-PROPELLED ASPHALT PAVERS THAT PRODUCE AN ASPHALT CONCRETE SURFACING OF UNIFORM SMOOTHNESS AND TEXTURE.
   G. ALL SPILLAGE OF ASPHALT CONCRETE OUTSIDE OF THE DESIGNATED PAVING AREA SHALL BE PROMPTLY SWEPT UP AND REMOVED.
   H. FOG SEAL SHALL BE APPLIED TO ALL NEWLY PAVED SURFACES WITHIN TWO WEEKS AFTER THE PAVING IS PLACED. FOG SEAL SHALL BE APPLIED IN ACCORDANCE WITH SECTION 37-1; GRADE MEDIUM FINE; ASPHALTIC EMULSION GRADE SS-1.
   I. FINISHING ROADWAY SHALL CONFORM TO THE PROVISIONS OF SECTION 22.
   K. ALL ASPHALT CONCRETE SHALL BE CONSTRUCTED TO THE TOLERANCES ALLOWED IN SECTION 39-6.03 AS MODIFIED BY THESE PLANS. A.C. AND BASE THICKNESS SHOWN ON THESE PLANS ARE MINIMUMS AND LESSER THICKNESS WILL NOT BE ALLOWED.
4. A TINTED PRE-EMERGENT HERBICIDE SHALL BE APPLIED OVER NATURAL GROUND IN ALL AC PAVED PARKING LOT AREAS AND DRIVE AISLES PRIOR TO PLACING ANY BASE OR PAVING. APPLY IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. NO WEED CONTROL CHEMICAL IS TO BE APPLIED TO AREAS DESIGNATED FOR PLANTING.
5. MIX DESIGN SUBMITTALS SHALL BE IDENTIFIED BY A MIX DESIGN IDENTIFICATION NUMBER, AND SELECTED BY A REGISTERED CIVIL ENGINEER WITH EXPERIENCE IN ASPHALT CONCRETE MIX DESIGN. MIX DESIGN REPORT SHALL BE SEALED AND SIGNED BY QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR ITS PREPARATION.

CONCRETE NOTES

1. CONCRETE SHALL BE 3,000 PSI AND MINIMUM 505 LB CEMENTITIOUS MATERIALS PER C.Y. UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
2. CONCRETE SHALL CONFORM TO SECTION 90 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS CURRENT EDITION.
3. CEMENT SHALL BE IN CONFORMANCE WITH ASTM C150, TYPE 2 AND SHALL BE ENTIRELY FROM ONE MANUFACTURER.
4. ALL AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C33.
5. ALL WATER FOR CONCRETE SHALL BE CLEAN AND FREE FROM DETRIMENTAL AMOUNTS OF ACID, ALKALI AND ORGANIC MATTER AND SHALL BE FROM A DOMESTIC WATER SUPPLY.
6. CONCRETE SHALL BE CURED AS SPECIFIED IN SECTION 90-1.03 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS CURRENT EDITION.
7. CONTROL JOINTS IN SIDEWALK SHALL BE SPACED NO MORE THAN 8' ON CENTER AND NO MORE THAN 15' ON CENTER FOR OTHER FLAT WORK.
8. CONTROL JOINTS IN CURBS, CURB & GUTTER, AND "V" GUTTER SHALL BE SPACED @ 15' O.C. MAX.
9. COMPACT SUBGRADE UNDER ALL CONCRETE CURBS, FLATWORK, ETC. TO A MINIMUM DEPTH OF 6" TO 90% MAXIMUM DENSITY. CONTRACTOR SHALL PROVIDE COMPACTION TEST RESULTS PREPARED BY A CERTIFIED LAB TO THE OWNER & CORRECT FAILURES AT CONTRACTOR'S EXPENSE.
10. MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO = 0.55.
11. SLUMP LIMIT = 4 INCHES, PLUS/MINUS 1 INCH.
12. MIX DESIGN SUBMITTALS SHALL BE IDENTIFIED BY A MIX DESIGN IDENTIFICATION NUMBER, AND SELECTED BY A REGISTERED CIVIL ENGINEER WITH EXPERIENCE IN CONCRETE MIX DESIGN. MIX DESIGN REPORT SHALL BE SEALED AND SIGNED BY QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR ITS PREPARATION.

ACCESSIBILITY NOTES

1. ACCESSIBILITY NOTES ARE PROVIDED FOR REFERENCE ONLY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE CALIFORNIA BUILDING CODE AND ADA STANDARDS. THE CONTRACTOR SHALL OBTAIN THE LATEST EDITION THEREOF.
2. CURB RAMPS SHALL BE 8.33% MAXI



LEGEND:

- EDGE OF PAVEMENT
- STREET CENTERLINE
- STREET RIGHT-OF-WAY/PROPERTY LINE
- EXISTING CHAIN-LINK FENCE
- ELECTRICAL BOX
- ELECTRICAL GROUND ROD
- SEWER CLEANOUT
- IRRIGATION BOX
- WATER VALVE
- WATER BOX
- GAS VALVE
- STREET SIGN
- DRAIN GRATE WITH ELEVATION
- TREE (SIZE VARIES)
- FIRE HYDRANT
- LIGHT STANDARD

BENCHMARK

TOP OF CONCRETE MONUMENT AT THE CENTERLINE INTERSECTION OF MESA MARIN DRIVE AND RAINWATER LANE

ELEVATION= 750.00 (ASSUMED)

N

NORTH

SCALE: 1"=10'

0 5 10 20

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL

4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs

by SOMAM, Inc.

**ARCHITECTURE
ENGINEERING
INTERIOR DESIGN**

6011 N. FRESNO STREET, SUITE 130
FRESNO CALIFORNIA 93710
P:(559) 436-0881 F:(559) 436-0887
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REGISTERED PROFESSIONAL ENGINEER — ROBERT W. POPE — No. 74508 — CIVIL — STATE OF CALIFORNIA

Sheet Title:

**GRADING PLAN
TOPOGRAPHIC SURVEY**

Job No.: **5682.1**

Sheet No.: **C2.0**

Release: DSA SUBMITTAL ISSUE DATE

PORTER & ASSOCIATES, INC.
ENGINEERING & SURVEYING
4733 Centennial Plaza Way, Suite A
Bakersfield, California 93301
661.327.0362

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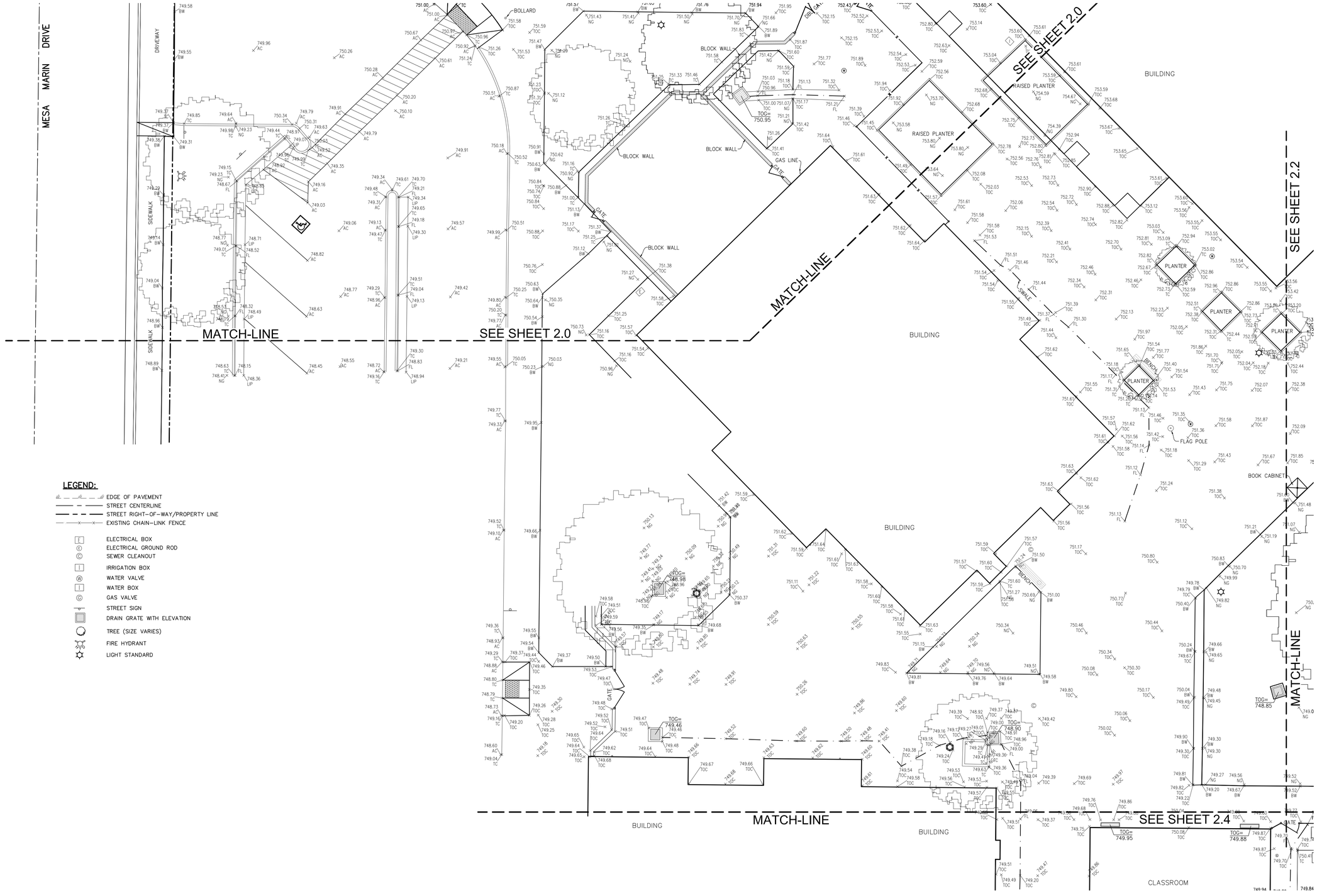

1" = 40'-0" | 1" = 30'-0" | 1" = 20'-0" | 1/8" = 1'-0" | 1/4" = 1'-0"

LEGEND:

- EDGE OF PAVEMENT
- STREET CENTERLINE
- STREET RIGHT-OF-WAY/PROPERTY LINE
- EXISTING CHAIN-LINK FENCE
- [E] ELECTRICAL BOX
- (E) ELECTRICAL GROUND ROD
- (C) SEWER CLEANOUT
- [I] IRRIGATION BOX
- (W) WATER VALVE
- [I] WATER BOX
- (G) GAS VALVE
- STREET SIGN
- DRAIN GRATE WITH ELEVATION
- TREE (SIZE VARIES)
- FIRE HYDRANT
- LIGHT STANDARD

-N-
NORTH
SCALE: 1"=10'
0 5 10 20

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BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

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4201 MESA MARIN DR.
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REGISTERED PROFESSIONAL ENGINEER
LUIS HINOJOSA
No. 76555
CIVIL
STATE OF CALIFORNIA

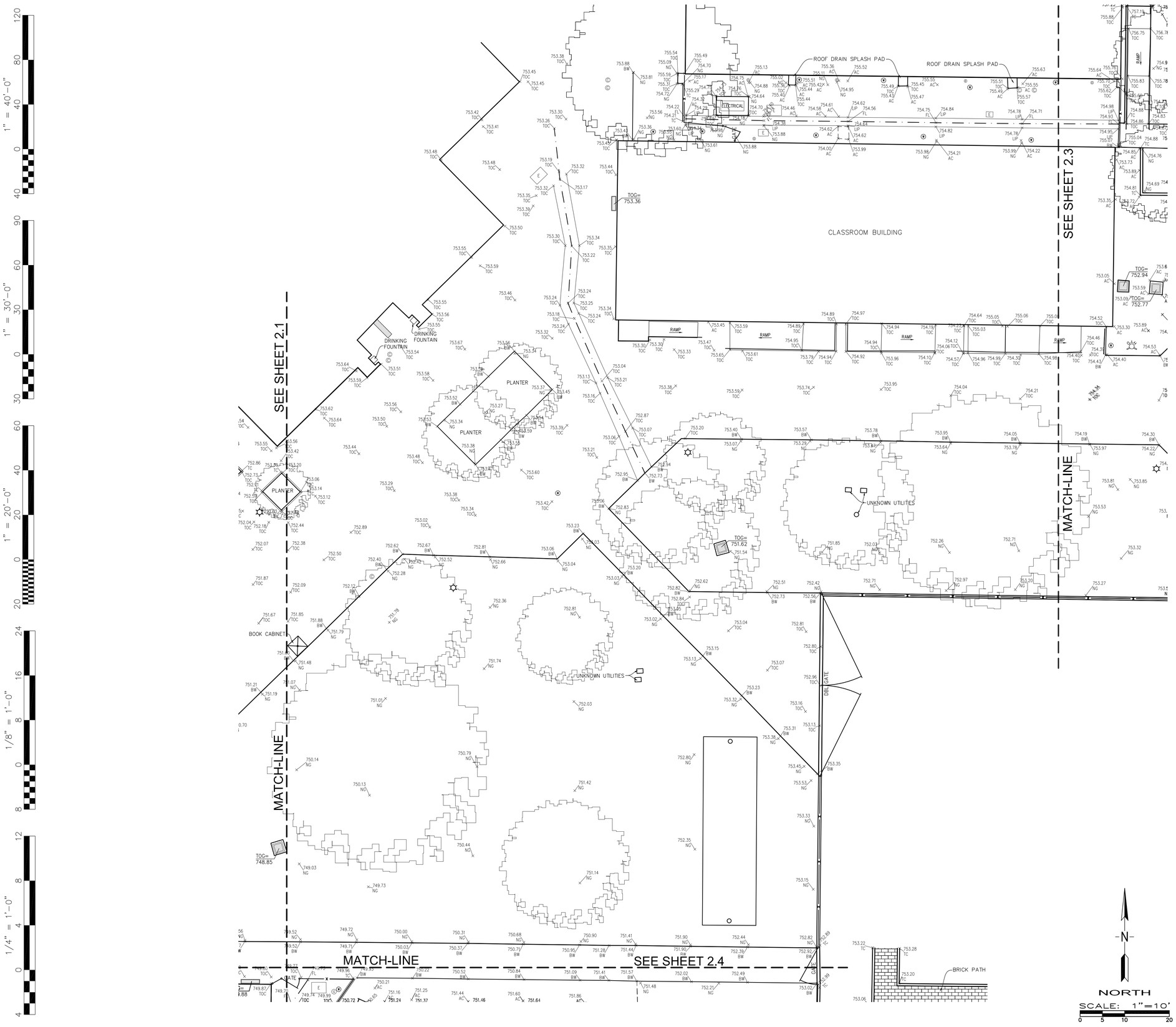
Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: **5682.1**

Sheet No.: **C2.1**

Release: DSA SUBMITTAL ISSUE DATE



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REGISTERED PROFESSIONAL ENGINEER DAVID W. PORTER CIVIL STATE OF CALIFORNIA

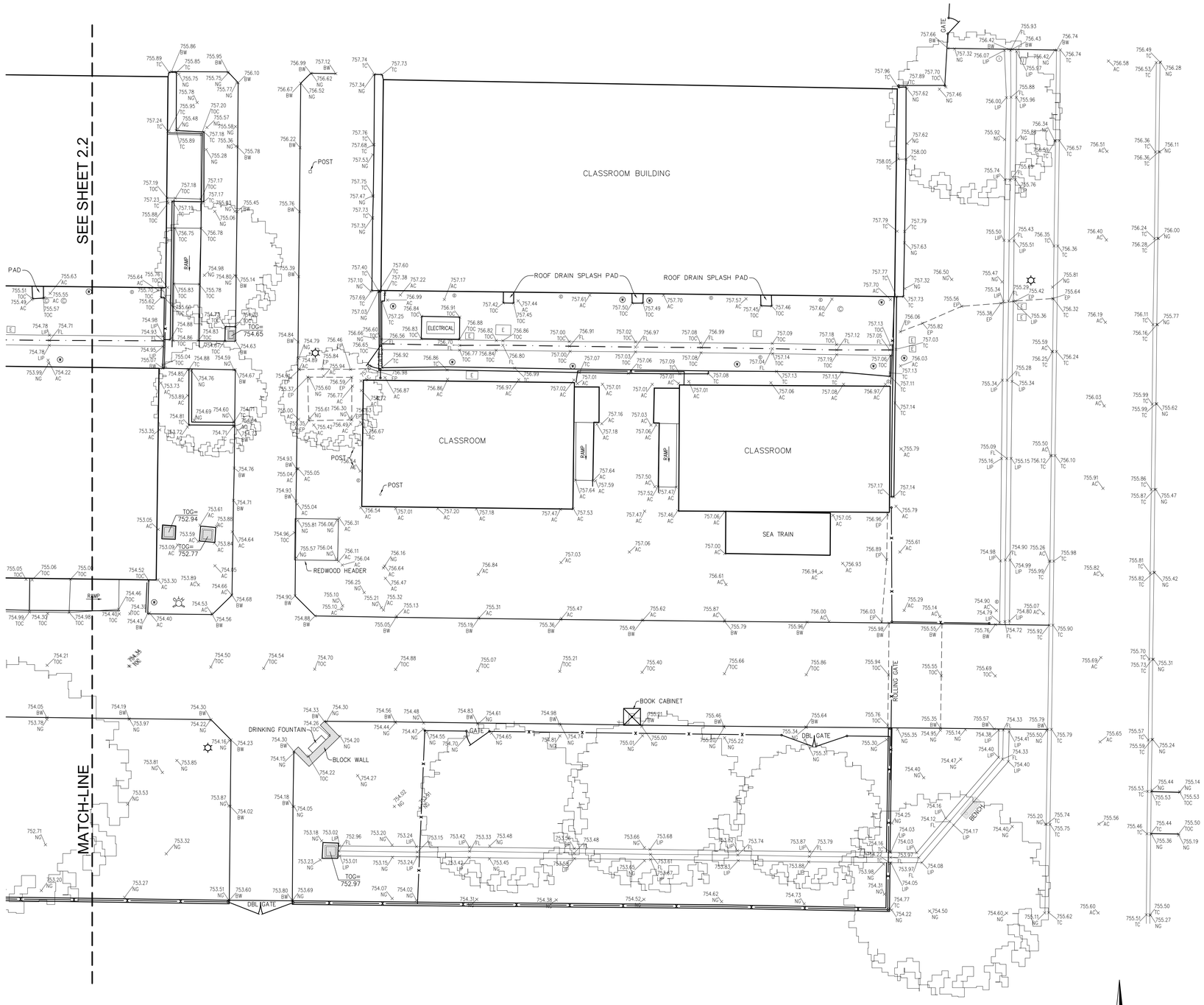
Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: **5682.1**

Sheet No.: **C2.2**

Release: DSA SUBMITTAL ISSUE DATE



1" = 40'-0" 120 80 40 0

1" = 30'-0" 90 60 30 0

1" = 20'-0" 60 40 20 0

1/8" = 1'-0" 24 16 8 0

1/4" = 1'-0" 12 8 4 0

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N

NORTH

SCALE: 1"=10'

0 5 10 20

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REGISTERED PROFESSIONAL ENGINEER — CIVIL — STATE OF CALIFORNIA

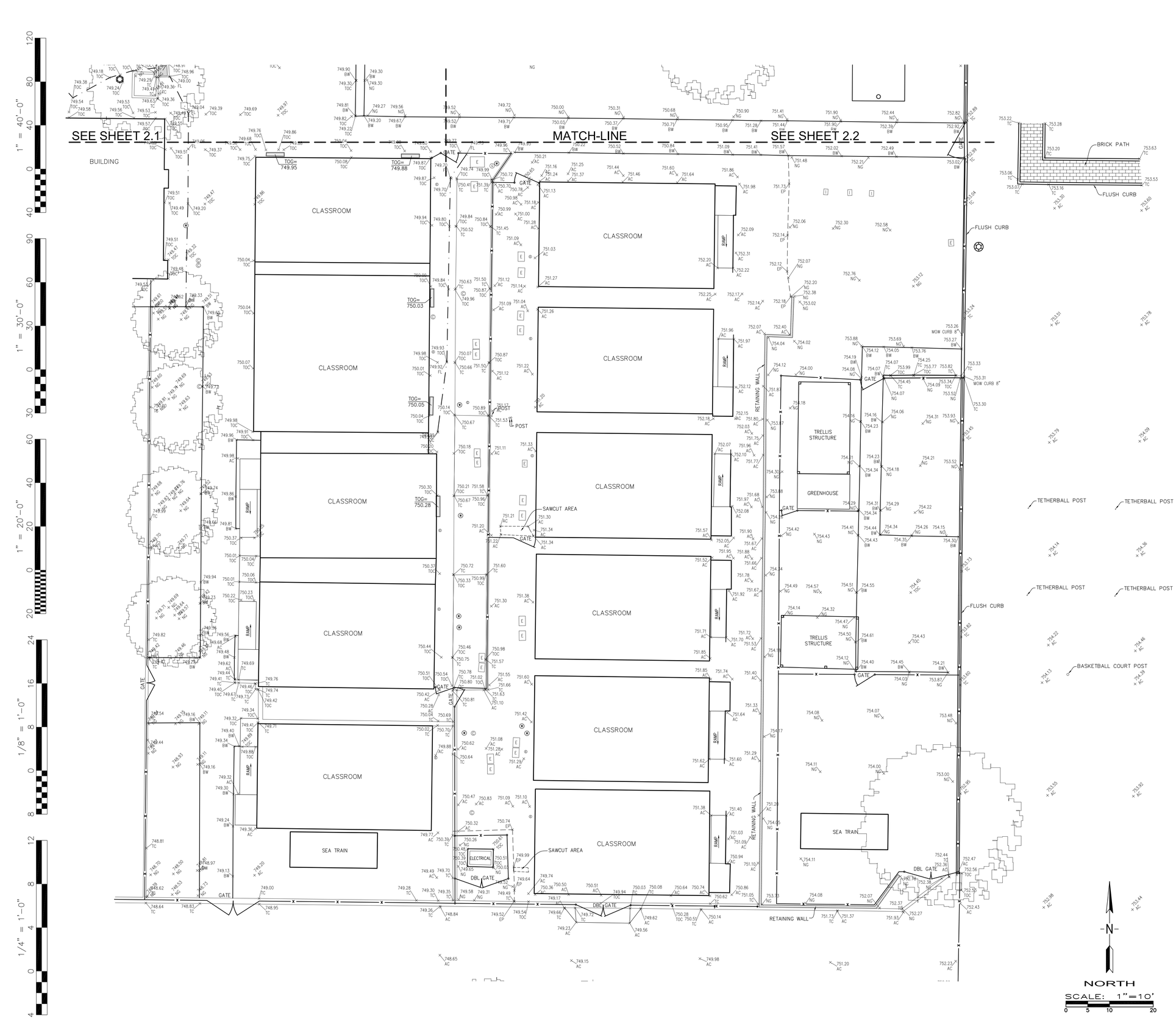
Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: **5682.1**

Sheet No.: **C2.3**

Release: DSA SUBMITTAL ISSUE DATE



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NORTH
SCALE: 1"=10'
0 5 10 20

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REGISTERED PROFESSIONAL ENGINEER — DONALD W. PORTER — CIVIL — STATE OF CALIFORNIA

Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: **5682.1**

Sheet No.: **C2.4**

Release: DSA SUBMITTAL ISSUE DATE

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ENGINEERING & SURVEYING
4733 Centennial Plaza Way, Suite A
Bakersfield, California 93301
661.327.0362

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ACCESSIBILITY NOTES

THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

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

Path of Travel, Technical Requirements for Accessible Route

- "ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING ½" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING ¼" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL."

FIRE AUTHORITY

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

School District Acceptance of Acceptable Design Alternates

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

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: BAKERSFIELD FIRE DEPARTMENT
LFA Review Official: PETER ARMAGOST
Title: FIRE PLANS EXAMINER Work Phone: 661-326-3697
Work Email: PARMAGOST@BAKERSFIELDFIRE.US
LFA Reviewer's Signature: [signature] Date: 6/19/26

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

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

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

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

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

PROJECT INFORMATION

School District/Owner: Bakersfield City School District
Project Name/School: Cesar Chavez Elementary School
Project Address: 4201 Mesa Marin Dr., Bakersfield CA, 93306

FIRE & LIFE SAFETY INFORMATION

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

HYDRANT FLOW TEST

Hydrant Flow Test Report

Test Date 4/29/2026 **Test Time** 2:58pm

Location
Cesar Chavez School

Tested by
Lilian V.
Ruben R.
John A.
Herschel M.

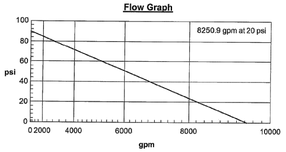
Notes
Flow Hydrant is located on the service road, west side of the school. Read Hydrant is located on Mesa Marin Drive, southwest corner of school

Read Hydrant
90 psi **static pressure**
80 psi **residual pressure**
723 ft **hydrant elevation**

Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1	723	4	.9	53	3128 gpm

Flow Graph



Created with the free hydrant flow test program from www.ignevainc.com

HYDRANT FLOW TEST PERFORMED ON FIRE HYDRANT AT WOOD LANE (SEE 10a).

ERRC NOTE

UPON COMPLETION OF CONSTRUCTION, THE LOCAL FIRE DEPARTMENT AND / OR EMERGENCY COMMUNICATIONS AUTHORITY WILL BE CONTACTED TO OBTAIN DESIGN AND EQUIPMENT SPECIFICATIONS, AND TESTING AND ACCEPTANCE CRITERIA FOR **EMERGENCY RESPONDER RADIO COVERAGE (ERRC)** PER CFC 510. UPON COMPLETION, COPIES OF THE APPROVED PLANS, EQUIPMENT DATA SHEETS, AND PROOF OF TESTING AND ACCEPTANCE DOCUMENTATION SHALL BE PROVIDED TO THE SCHOOL DISTRICT.

PARKING SUMMARY

PARKING LOT #A

PARKING STALLS = 62
ACCESSIBLE PARKING REQUIRED 3 (1 VAN)
ACCESSIBLE PARKING PROVIDED 3 (1 VAN)

PARKING LOT #B

PARKING STALLS = 26
ACCESSIBLE PARKING REQUIRED 2 (1 VAN)
ACCESSIBLE PARKING PROVIDED 2 (1 VAN)

PARKING LOT #C

PARKING STALLS = 4
ACCESSIBLE PARKING REQUIRED 1 (1 VAN)
ACCESSIBLE PARKING PROVIDED 1 (1 VAN)

EXIT DISCHARGE

A. EXIT DISCHARGE TO THE PUBLIC RIGHT OF WAY HAS BEEN PROVIDED IN THIS APPLICATION AND MEETS 2025 CALIFORNIA FIRE CODE SECTION 1028.5.

B. ILLUMINATION HAS BEEN PROVIDED ALONG THE PATH OF TRAVEL FOR THE EXIST DISCHARGE AS OUTLINED IN THE 2025 CALIFORNIA FIRE CODE, SECTION 1008.2.3 BY LIGHTING AT THE FRONT WALL OF THE (E) AND (N) RELOCATABLE BUILDINGS AND (N) SITE LIGHT POLES AS SHOWN ON THE PLAN. MINIMUM ILLUMINATION TO BE NOT LESS THAN 1 FOOT CANDLE AT THE WALKING SURFACE

C. EXIT WIDTH REQUIRED AT MAN GATES TO THE PUBLIC RIGHT OF WAY HAVE BEEN PROVIDED TO BE NOT LESS THAN THE MINIMUM WIDTH OR REQUIRED CAPACITY OF THE EXITS BEING SERVED.

DSA APP NO.

CESAR CHAVEZ ELEMENTARY SCHOOL DSA NO

BUILDING / ROOM NO.	DSA APP NO.	SQUARE FOOTAGE
BLDG 'A'	56162	5,759
BLDG 'C'	59162	10,861
BLDG 'D'	59162	3,563
BLDG 'E'	59162	6,363
BLDG 'F'	59162	6,363
13,14,15,16, 31,32,33,34, & R1	59162	7,680
17	03-109006	960
18	03-104349	1,920
19	03-104349	960
20	03-104349	1,920
23	03-111193	960
28	04-104812	960
29	04-100596	960
K-3	03-104349	960
K-4	03-111193	960

GENERAL NOTES

A. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO BID. IF ANY DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF LAYOUTS AND ESTABLISHED LOCATIONS OF BURIED UTILITY LINES. ANY UTILITIES REQUIRING RELOCATION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. CONTACT APPLICABLE GOVERNING AGENCIES REGARDING ARRANGEMENT AND COORDINATION OF WORK.

C. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY COMPACTION RETEST DUE TO INITIAL FAILURE.

D. PROJECT INSPECTOR SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

E. A COPY OF TITLE-24, ALL PARTS APPLICABLE, TO BE KEPT AT THE JOB SITE AT ALL TIMES.

F. ADDENDA SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE) AND APPROVED BY DSA.

G. C.C.D.s SHALL BE SIGNED BY THE ARCHITECT (RESPONSIBLE IN CHARGE), OWNER AND APPROVED BY DSA.

H. TESTING LAB SHALL BE EMPLOYED BY THE OWNER, APPROVED BY THE RESPONSIBLE ARCHITECT AND DSA.

I. ALL WORK SURFACES DISTURBED OR DAMAGED BY THE CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN KIND, TEXTURED AND FINISHED TO MATCH ADJACENT SURFACES.

J. NEW CONCRETE WALKS SHALL HAVE SLOPES NOT TO EXCEED 1 IN 20 IN THE DIRECTION OF PATH OF TRAVEL. PROVIDE CONTROL JOINTS ("C.J.") AT 5'-0" o.c. MAX. AND EXPANSION JOINTS NOT TO EXCEED 30'-0" MAX. PROVIDE MEDIUM BROOM FINISH ON ALL WALKS.

K. ALL BUILDING AND ROOM NAMES INDICATED ON THESE CONSTRUCTION DOCUMENTS ARE "NOT" THE ACTUAL BUILDING / ROOM SIGNAGE DESIGNATION. THE GENERAL CONTRACTOR SHALL FURNISH, INSTALL AND COORDINATE ALL REQUIRED SIGNAGE WITH THE OWNER / ARCHITECT PRIOR TO STARTING CONSTRUCTION.

L. GENERAL CONTRACTOR WILL BE RESPONSIBLE TO COORDINATE RELOCATABLE BUILDING DELIVERY DATES TO THE SCHOOL SITE WITH THE MFGR.

M. THE GENERAL CONTRACTOR SHALL CONSTRUCT ALL NEW RELOCATABLE BUILDING FOUNDATIONS AS PER THE RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS AND SPECIFICATIONS.

N. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL HOOK-UPS TO THE RELOCATABLE BUILDINGS AFTER INSTALLATION HAS BEEN COMPLETED BY THE MANUFACTURER.

O. 5'-0" DEEP x 5'-0" WIDE MINIMUM LANDINGS AT DOORWAYS SHALL BE AS DETAILED AND SHALL HAVE SLOPES (IN ANY DIRECTION) OF NOT GREATER THAN 1/4 IN 12 SLOPE. SLOPES SHALL BE AWAY FROM DOORWAYS.

P. GENERAL / SITE CONTRACTOR SHALL FIELD VERIFY THAT EXISTING PATH OF TRAVEL (P.O.T.) IS A MINIMUM OF 4'-0" WIDE AND IS SLIP RESISTANT. IF IT IS NOT, THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF RECORD AND A REMEDY OR ALTERNATE P.O.T. WILL BE PROVIDED.

Q. THE MAXIMUM DROP BETWEEN EXISTING FINISHED GRADES AND THE TOP OF THE P.O.T. SHOULD NOT EXCEED 4". IF IT DOES, PROVIDE THE NECESSARY WARNING CURB PER CBC SEC. 11B-303.5.

R. CONTRACTOR TO CONFIRM ALL ELEMENTS NOTED ON ACCESSIBLE PATH COMPLY WITH 2022 CBC. THIS IS TO INCLUDE PARKING STALL SIGNAGE AND STRIPING.

FLOOD ZONE

FLOOD ZONE DETERMINATION	ZONE "X" (0.2%)
F.I.R.M. PANEL DESIGNATION	060077
EFFECTIVE F.I.R.M. DATE	9/26/2008
BASE FLOOD ELEVATION (BFE)	513 FT
COMMUNITY ORDINANCE	BMC 15.74.040
LOCATION	118°53'11"W 35°23'46"N

LEGEND

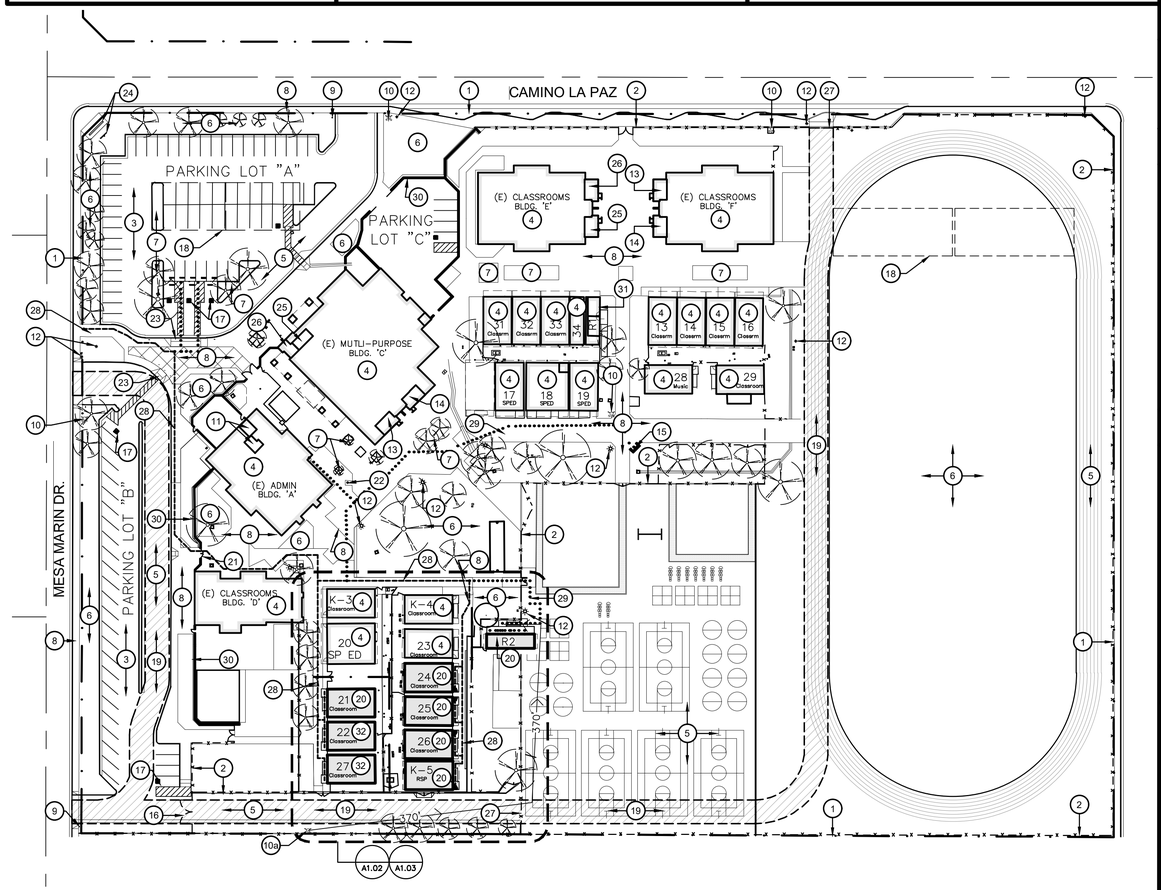
- EXISTING BUILDING TO REMAIN (NO WORK)
- NEW BUILDINGS UNDER THIS APPLICATION
- 20' WIDE FIRE TRUCK ACCESS OVER AC PAVING
- ACCESSIBLE PATH OF TRAVEL
- EXIT DISCHARGE AND ACCESSIBLE PATH OF TRAVEL TO PUBLIC R.O.W.
- PROPERTY LINE
- EXISTING CHAINLINK FENCE
- EXISTING FIRE HYDRANT
- EXISTING TREE TO REMAIN

KEYNOTES

1. PROPERTY LINE
2. (E) CHAIN LINK FENCE TO REMAIN
3. (E) PARKING LOT AND STRIPING TO REMAIN
4. (E) BUILDING TO REMAIN (NO WORK)
5. (E) A.C. PAVING TO REMAIN
6. (E) TURF AREA TO REMAIN
7. (E) LANDSCAPE PLANTER TO REMAIN
8. (E) CONCRETE WALK TO REMAIN
9. REPLACE (E) SITE TOW AWAY SIGN w/ (N) SIE TOW AWAY SIGN, -SEE 3/A1.05.
10. (E) FIRE HYDRANT TO REMAIN.

10a. (E) TEST FIRE HYDRANT.

11. (E) ACCESSIBLE MENS & WOMENS STAFF RESTROOM, -PER DSA APP#03-104349.
12. (E) SITE LIGHT POLES TO REMAIN.
13. (E) ACCESSIBLE BOYS RESTROOM, -PER DSA APP#03-104349 & 03-109006.
14. (E) ACCESSIBLE GIRLS RESTROOM, -PER DSA APP#03-104349 & 03-109006
15. (E) HI-LOW DRINKING FOUNTAIN, -PER DSA APP#03-109006.
16. (E) 20' WIDE SWING CHAIN LINK GATE. PROVIDED (N) FIRE DEPARTMENT APPROVED KNOX BOX.
17. (E) ACCESSIBLE PARKING STALL AND SIGNAGE, -PER DSA APP#59162 & 03-107003.
18. (E) SOLAR PANELS, -PER DSA APP#03-119250.
19. (E) 20'-0" WIDE FIRE TRUCK ACCESS LANE, -PER DSA APP#03-119250.
20. (N) RELOCATABLE BUILDING ON WOOD FOUNDATION w/ METAL RAMPS FROM STOCKPILE, -PER MFR. PC
21. (E) ENTRY GATE (PER DSA APP#59162) w/ (N) PANIC HARDWARE, -SEE 6/A1.05.
22. (E) FLAG POLE TO REMAIN.
23. (E) CURB RAMP, -PER DSA APP#59162 & 03-109006.
24. (E) MONUMENT SIGN TO REMAIN.
25. (E) BOYS RESTROOM, -PER 59162.
26. (E) GIRLS RESTROOM, -PER 59162.
27. (E) ROLLING GATE, PROVIDE (N) FIRE DEPARTMENT APPROVED KNOX BOX.
28. EXIT DISCHARGE AND ACCESSIBLE PATH OF TRAVEL TO PUBLIC RIGHT OF WAY
29. ACCESSIBLE PATH OF TRAVEL
30. (E) CMU WALL TO REMAIN
31. (E) ACCESSIBLE MENS & WOMENS RESTROOM, -PER DSA APP# 59162
32. (E) RELOCATABLE BUILDING TO BE MOVED, -PER DSA APP# 03-109006



FIRE AUTHORITY SITE PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1" = 60'

BUILDING DATA

Building Name	21	22	24	25	26	27	K-5	R-2
DSA APP#	03-109006	03-109006	03-104224	04-105455	04-104169	04-105299	04-105455	04-122602
Use	CLASSROOM	CLASSROOM	CLASSROOM	CLASSROOM	CLASSROOM	CLASSROOM	CLASSROOM	TOILET BLDG
Occupancy	E	E	E	E	E	E	E	E
Construction Type	VB	VB	VB	VB	VB	VB	VB	VB
Allowable Building Area	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500
Actual Building Area	960	960	960	960	960	960	960	480
Total Building Area	960	960	960	960	960	960	960	480
Maximum Height	40'	40'	40'	40'	40'	40'	40'	40'
Actual Height	±11'-10"	±11'-10"	±11'-10"	±11'-10"	±11'-10"	±11'-10"	±11'-10"	±11'-10"
Automatic Fire Sprinkler System	NO	NO	NO	NO	NO	NO	NO	NO

TOTAL BUILDING AREA: 7,200

*Per CBC Table 506.2 Allowable Building Area for E Occupancy (most restrictive) 9,500 S.F. frontage increase is not needed

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DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

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Sheet Title:

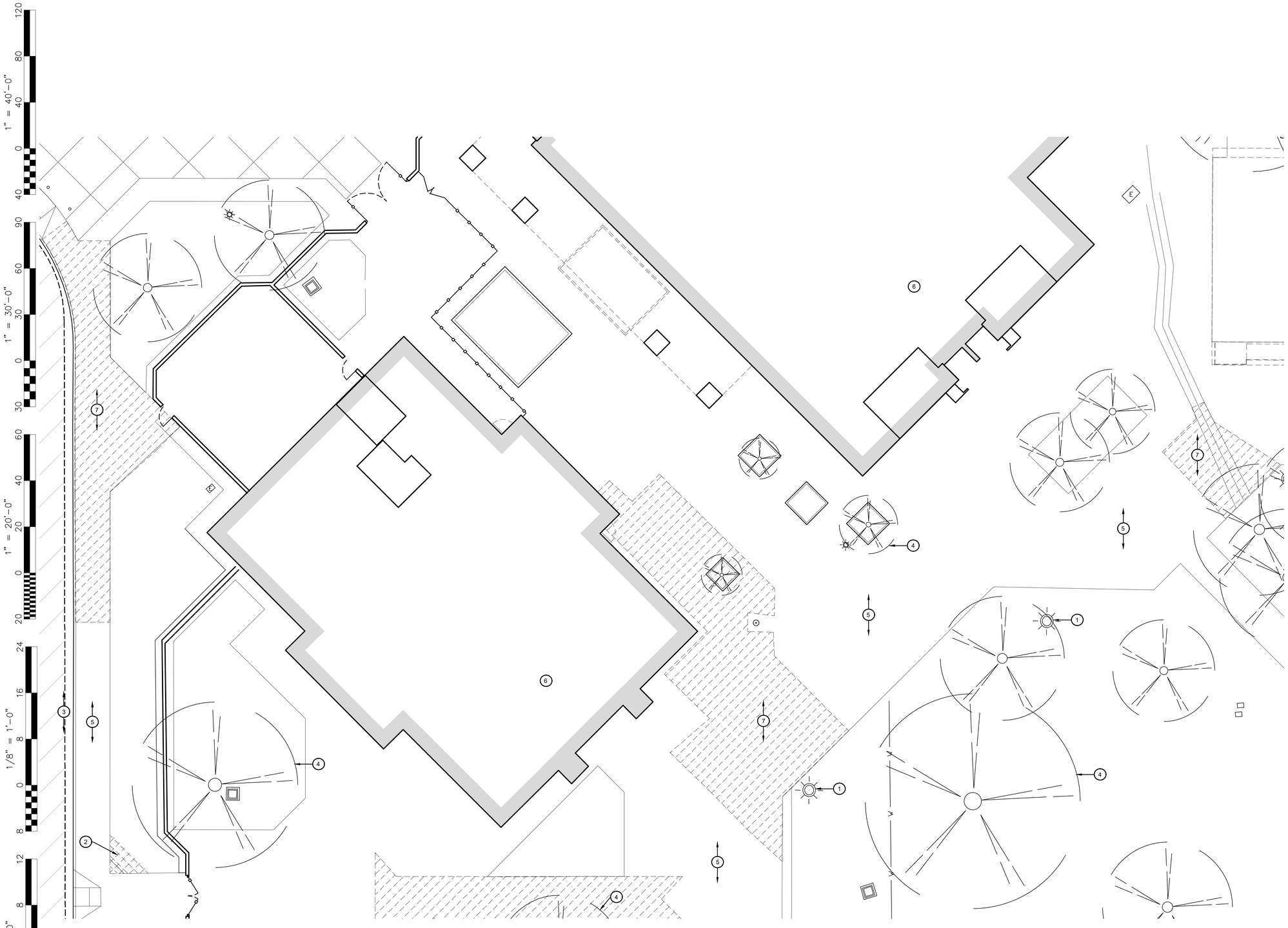
FIRE AUTHORITY SITE PLAN

Job No.: **5682.1**

Sheet No.: **A1.00**

Release: DSA SUBMITTAL Issue Date: 8/12/26

G:\2026frs\26-5682.1 BCSD CESAR CHAVEZ E.S. 7 RELOCATABLE CR & 1 TOILET BLDG\Sheets SEAN PARKER



KEY NOTES

1. (E) LIGHT POLE TO REMAIN
2. REMOVE (E) TURF. ADJUST (E) IRRIGATION HEADS AND LATERALS ACCORDINGLY TO PROVIDE FULL COVERAGE OF (E) TURF TO REMAIN. REFER TO NOTE #22.
3. (E) AC PAVING TO REMAIN
4. (E) TREE TO REMAIN
5. (E) SIDE WALK TO REMAIN
6. (E) BUILDING - NO WORK.
7. REMOVE (E) CONCRETE SIDEWALK

GENERAL NOTES

A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:

IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A C.C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

*PER DSA IR 16-1, SEC. 5.4

B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

C. ALL IRRIGATION WITHIN THE AREA OF CONSTRUCTION TO BE REMOVED, REROUTED, ALTERED AND/OR REINSTALLED AS REQUIRED TO PROVIDE COMPLETE AND ADEQUATE COVERAGE FOR THE REMAINING LANDSCAPED AREAS

D. INTERIOR FINISHES TO REMAIN UNLESS NOTED OTHERWISE PATCH AND REPAIR ANY FINISHES DISTURBED BY CONSTRUCTION TO MATCH EXISTING ADJACENT FINISHES.

LEGEND

- (E) BUILDING NO WORK
- REMOVE (E) CONCRETE PAVING
- REMOVE (E) TURF
- REMOVE (E) AC PAVING

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STATE OF CALIFORNIA

Sheet Title:

ENLARGED DEMOLITION SITE PLAN

Job No.:

5682.1

Sheet No.:

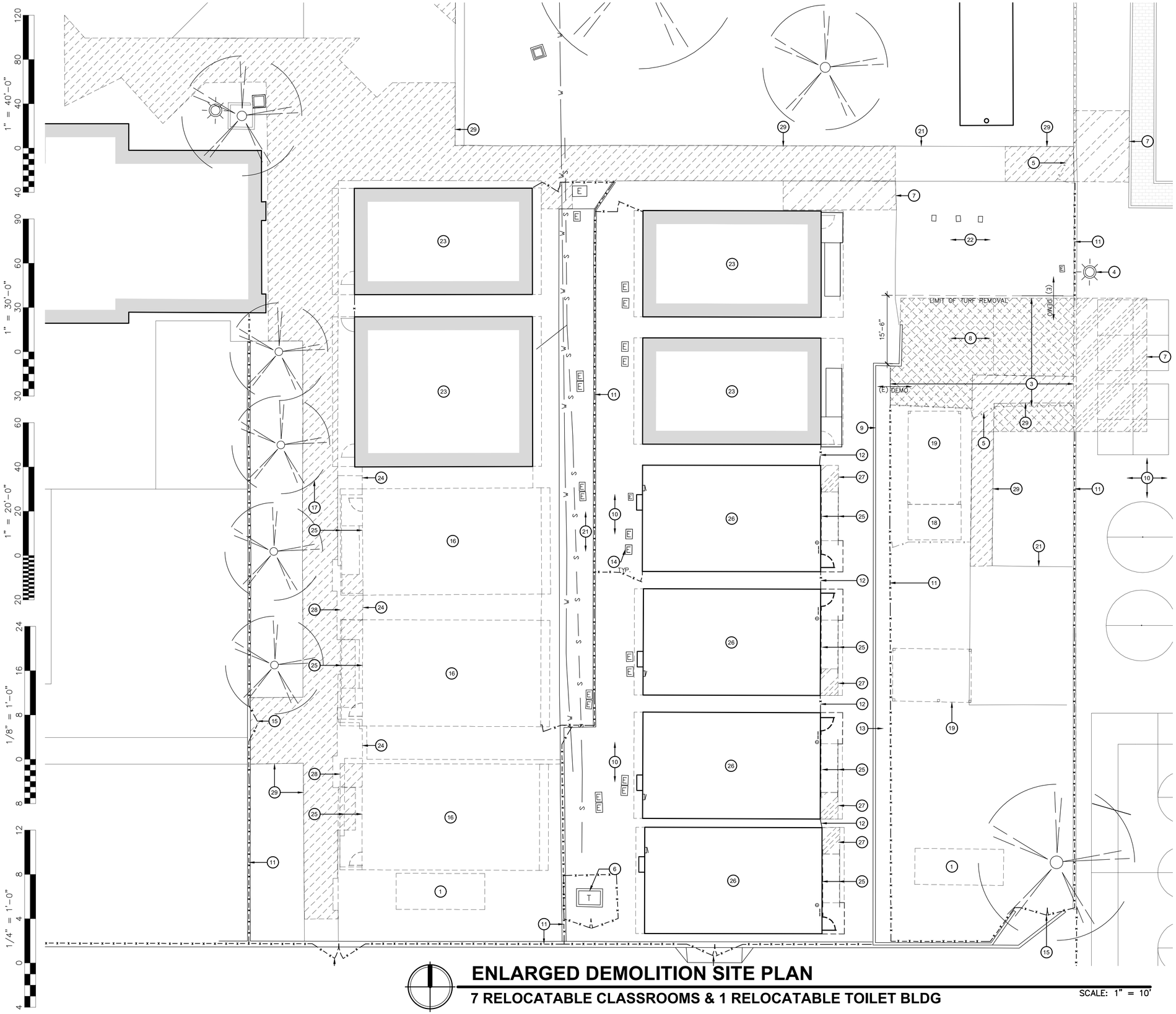
A1.01

Release: Issue Date

ENLARGED DEMOLITION SITE PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1" = 10'



ENLARGED DEMOLITION SITE PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1" = 10'

KEY NOTES

1. REMOVE (E) SEA TRAIN
2. (E) FIRE HYDRANT
3. REMOVE (E) CHAINLINK FENCE, MOWSTRIP & FOOTINGS
4. (E) LIGHT POLE TO REMAIN
5. REMOVE (E) CHAINLINK GATE
6. (E) TRANSFORMER
7. REMOVE (E) AC PAVING
8. REMOVE (E) TURF. ADJUST (E) IRRIGATION HEADS AND LATERALS ACCORDINGLY TO PROVIDE FULL COVERAGE OF (E) TURF TO REMAIN. REFER TO NOTE #22.
9. (E) RETAINING WALL TO REMAIN
10. (E) AC PAVING TO REMAIN
11. (E) CHAINLINK FENCE TO REMAIN
12. (E) CLOSURE PANEL TO REMAIN
13. (E) PLANTER TO REMAIN
14. (E) PULL BOX
15. (E) GATE TO REMAIN
16. (E) BUILDING TO BE MOVED - SEE A1.03 FOR NEW LOCATION. DISCONNECT ALL UTILITIES
17. (E) TREE TO REMAIN
18. (E) GREENHOUSE TO REMAIN
19. (E) TRELLIS STRUCTURE TO REMAIN
20. (E) CONCRETE PAVERS TO REMAIN
21. (E) SIDE WALK TO REMAIN
22. (E) TURF TO REMAIN. PROTECT IN PLACE EXISTING IRRIGATION SYSTEM.
23. (E) BUILDING - NO WORK.
24. REMOVE (E) CLOSURE PANEL
25. REMOVE (E) METAL RAMP & HANDRAIL
26. (E) NON-APPROVED PORTABLE BUILDING TO BE APPROVED
27. REMOVE (E) AC PAVING LANDING AS NECESSARY FOR THE INSTALLATION OF THE NEW RAMP
28. REMOVE (E) CONCRETE LANDING
29. REMOVE (E) CONCRETE SIDEWALK

GENERAL NOTES

A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:

IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

*PER DSA IR 16-1, SEC. 5.4

B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

C. ALL IRRIGATION WITHIN THE AREA OF CONSTRUCTION TO BE REMOVED, REROUTED, ALTERED AND/OR REINSTALLED AS REQUIRED TO PROVIDE COMPLETE AND ADEQUATE COVERAGE FOR THE REMAINING LANDSCAPED AREAS

D. INTERIOR FINISHES TO REMAIN UNLESS NOTED OTHERWISE PATCH AND REPAIR ANY FINISHES DISTURBED BY CONSTRUCTION TO MATCH EXISTING ADJACENT FINISHES.

LEGEND

- (E) BLDG (NO WORK)
- NEW BUILDINGS UNDER THIS APPLICATION
- (E) BLDG TO BE RELOCATED
- (E) BLDG TO BE APPROVED
- REMOVE (E) CONCRETE PAVING
- REMOVE (E) TURF
- REMOVE (E) AC PAVING
- W — (E) WATER LINE
- E — (E) ELECTRICAL LINE
- S — (E) SEWER LINE

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Sheet Title:

ENLARGED DEMOLITION SITE PLAN

Job No.: **5682.1**

Sheet No.: **A1.02**

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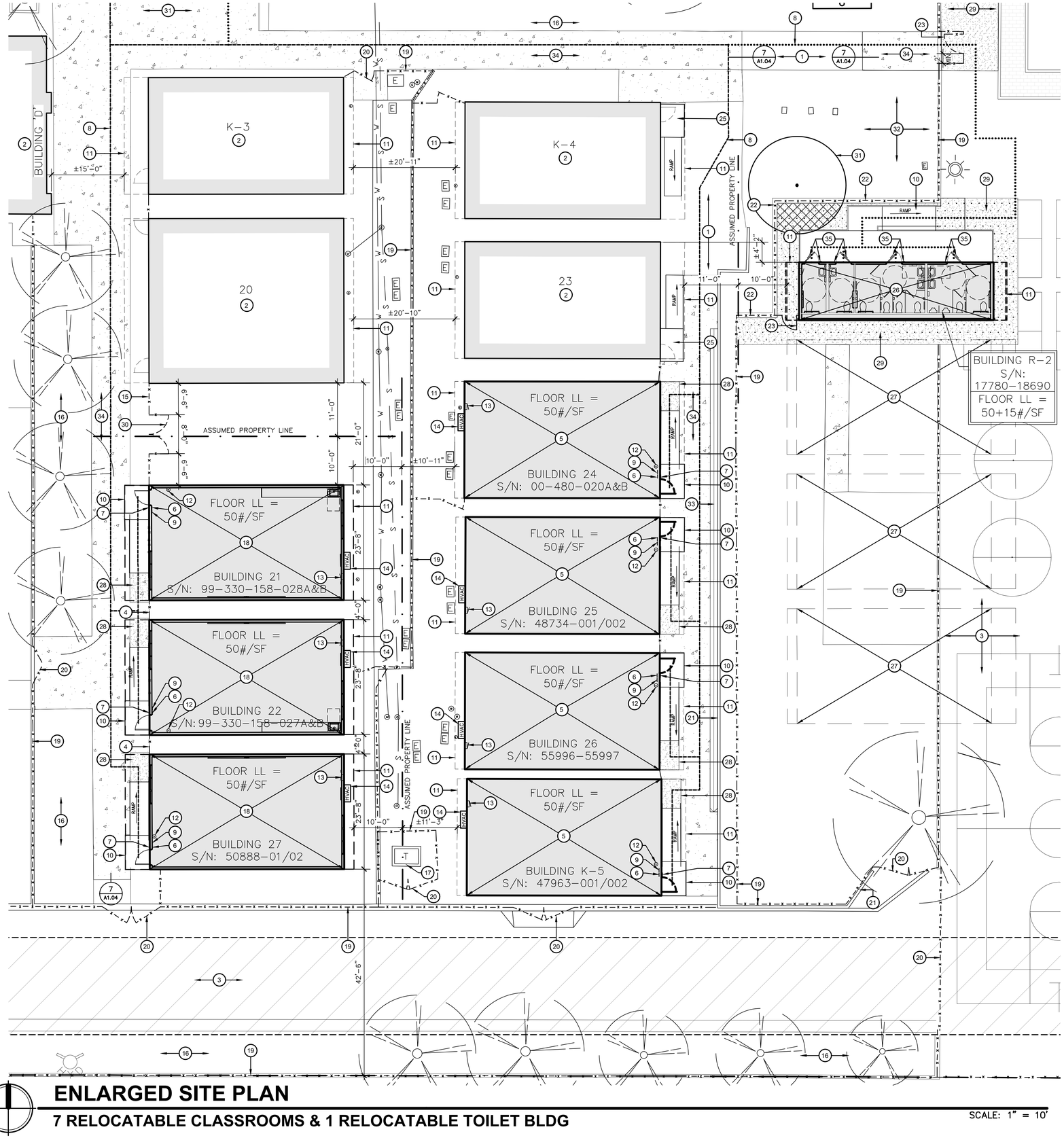

ENLARGED SITE PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1" = 10'

GENERAL NOTES

A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:

IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A C.C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

*PER DSA IR 16-1, SEC. 5.4

B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

ALS SYSTEM

ASSISTIVE LISTENING SYSTEM (ALS):

1. PROVIDE A SET OF PORTABLE ALS WITH A TRANSMITTER AND A MINIMUM OF TWO HEARING-AID COMPATIBLE RECEIVERS AND TWO NECK LOOPS.

   PER CBC 2025, 11B-219.
   960S.F. / 20 (OCCUPANT LOAD) = 48
   48 x 4% = 1.92 ALS DEVICES REQUIRED (OR 2 MIN.).
2. THE SYSTEM SHALL BE STORED IN THE SCHOOL ADMINISTRATION OFFICE UNTIL REQUESTED FOR USE.
3. SPECIFY THE ALS TYPE AND THAT THE SYSTEM SHALL BE CAPABLE OF INTERFACING WITH THE VOICE AMPLIFICATION SYSTEMS AND ANY MEDIA/AUDIO PROGRAM SYSTEM INSTALLED, AND SHALL COMPLY WITH CBC SECTIONS 11B-219 AND 11B-706.
4. PROVIDE ANCHOR AUDIO ASSISTIVE LISTENING PACKAGE AL-9000 OR EQUAL, WHICH INCLUDES THE FOLLOWING MODELS: 4-ALB-9000: FOURASSISTIVE LISTENING BELT PACK RECEIVERS WITH EAR BUDS AND NECH LOOPS, A WIRELESS MICROPHONE & BATTER CHARGER, & 1-ALT-9000: ONE ASSISTIVE LISTENING TRANSMITTER BASE STATION AND ¼" CABLE

HARDSCAPE AREA SHADING

TOTAL SQUARE FOOTAGE OF HARDSCAPE AREA:	748 S.F.
REQUIRED SQUARE FOOTAGE OF HARDSCAPE AREA SHADED (20%):	149 S.F.
TREE CANOPY AREA	
MEDIUM: 20' - 30' DIA.	EACH @ 490 S.F.
CERCIS canadensis texensis 'Oklahoma'	1
Shade Tree (40% Shaded):	1 @ 196 S.F
TOTAL SQUARE FOOTAGE:	196 S.F.
PERCENTAGE OF HARDSCAPE AREA SHADED:	26%

SHADING LEGEND

(N) TREE (CERCIS CANADENSIS TEXENSIS 'OKLAHOMA' - 24" BOX SPECIMEN, MIN. / QUANT. 1). INSTALL PER DISTRICT STANDARDS. INSTALL ROOT BARRIERS PER DISTRICT STANDARDS.

HARDSCAPE AREA

HARDSCAPE SHADE PROVIDED BY TREES AT MATURE GROWTH

EXISTING TREE

KEY NOTES

1. (E) SIDEWALK TO REMAIN.
2. (E) BUILDING TO REMAIN. NO WORK.
3. (E) A.C. PAVING TO REMAIN. NO WORK.
4. (N) CLOSURE PANEL, SEE DETAIL 4/A1.05.
5. (N) PORTABLE CLASSROOM BUILDINGS FROM STOCKPILE ON RAISED WOOD FOUNDATIONS WITH METAL RAMP SUPPLIED BY MANUFACTURER.
6. (N) TACTILE EXIT SIGN, -PER 2/A1.04
7. (N) ROOM IDENTIFICATION AND ISA SIGN, - PER 3 & 5/A1.04.
8. ACCESSIBLE PATH OF TRAVEL PER THIS APPLICATION. SEE ACCESSIBILITY NOTES, -SEE SHEET A1.00.
9. (N) ALS SIGN, -SEE 5/A1.05 AND ALS SYSTEM NOTES FOR REQUIREMENTS.
10. (N) METAL RAMP, -SEE MANUFACTURER'S PC DRAWINGS.
11. ROOF OVERHANG.
12. 2A:10BC FIRE EXTINGUISHER ON WALL BRACKET.
13. PORTABLE CLASSROOM ELECTRICAL PANEL.
14. PORTABLE CLASSROOM HEAT PUMP.
15. (N) 6FT CHAINLINK FENCE & GATE -SEE DETAIL 16/A1.03
16. (E) LANDSCAPE AREA
17. (E) TRANSFORMER
18. (N) LOCATION OF PORTABLE CLASSROOM
19. (E) CHAINLINK FENCE TO REMAIN
20. (E) CHAINLINK GATE TO REMAIN
21. (E) RETAINING WALL TO REMAIN
22. (N) 6FT CHAINLINK FENCE -PER 16/A1.05
23. (N) 6'-0" HIGH CHAIN LINK GATE, -PER 11/A1.05
24. NOT USED
25. (E) METAL RAMP (NO WORK)
26. (N) PORTABLE TOILET BUILDINGS FROM STOCKPILE ON RAISED WOOD FOUNDATIONS WITH METAL RAMP SUPPLIED BY MANUFACTURER
27. FUTURE BUILDING
28. (N) CONC. RAMP TRANSITION, - PER 1/A1.05
29. (N) AC PAVING, -SEE CIVIL
30. (N) 8'-0" WIDE DOUBLE GATE, -PER 13/A1.04
31. (N) TREE. PROVIDE DISTRICT APPROVED ROOT BARRIERS TO BE INSTALLED ACCORDINGLY TO MANUFACTURER'S RECOMMENDATIONS.
32. (E) TURF TO REMAIN. PROTECT EXISTING IRRIGATION IN PLACE. CONTRACTOR TO ADJUST IRRIGATION ACCORDINGLY TO ENSURE A FULLY FUNCTIONAL SYSTEM AND PROPER SPRAY COVERAGE ACCORDING TO STATE STANDARDS AND REQUIREMENTS.
33. (N) CONC. VALLEY GUTTER - SEE CIVIL
34. (N) CONCRETE SIDEWALK
35. (N) ACCESSIBLE RR SIGNAGE PER DETAIL 6/A1.04. TYPICAL AT ALL EXTERIOR DOORS OF BUILDING R-2

LEGEND

- EXISTING BUILDING TO REMAIN (NO WORK)
- NEW PORTABLE BUILDING UNDER THIS APPLICATION
- ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION
- EXIT DISCHARGE AND ACCESSIBLE PATH OF TRAVEL TO PUBLIC R.O.W.
- NEW AC PAVING PER 6/A1.04
- (N) TREE (CERCIS CANADENSIS TEXENSIS 'OKLAHOMA' - 24" BOX SPECIMEN MIN. / QTY. 1)

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DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
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7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

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REN. 5-31-27
STATE OF CALIFORNIA

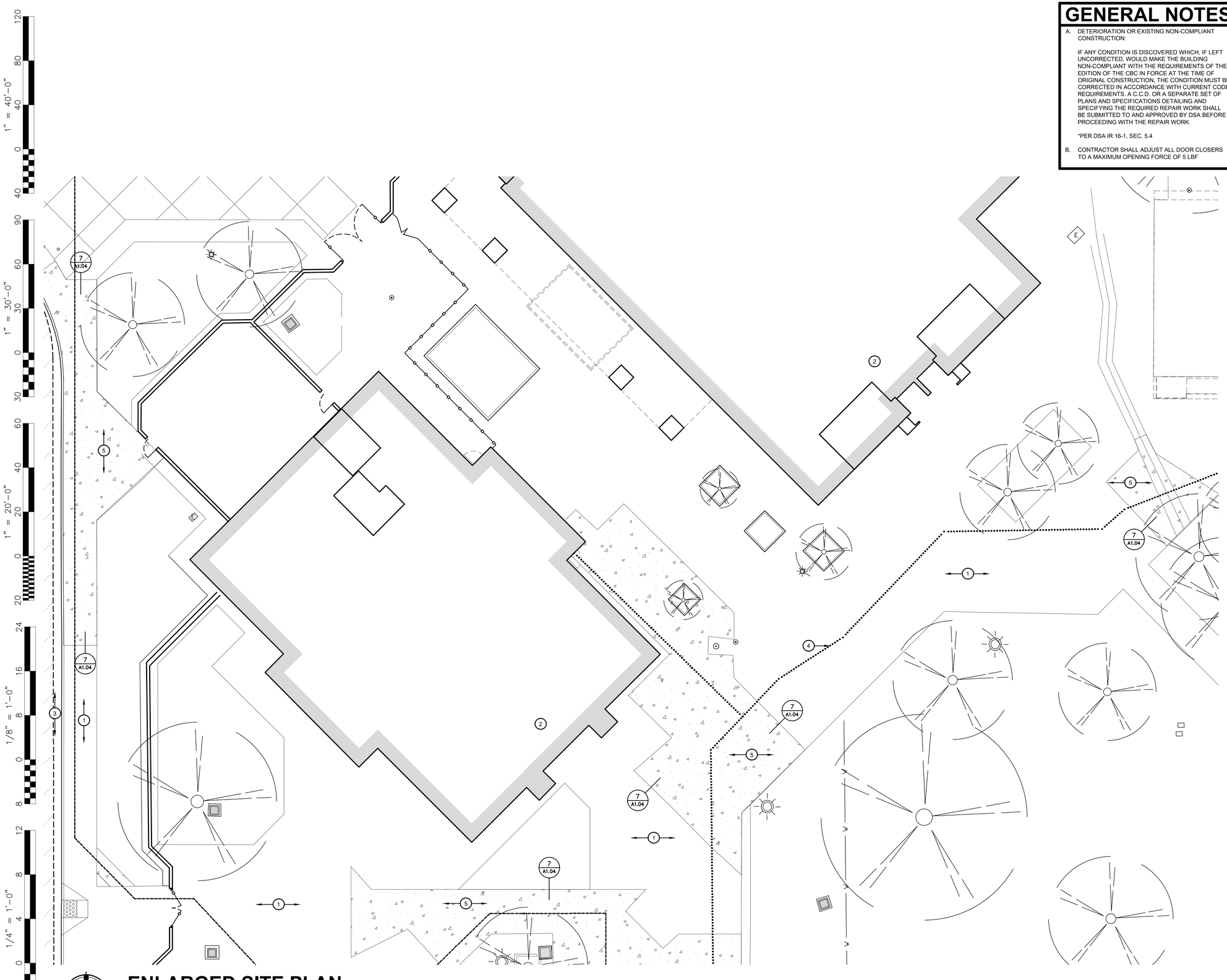
Sheet Title:

ENLARGED SITE PLAN

Job No.: **5682.1**

Sheet No.: **A1.03**

Release: DSA SUBMITTAL Issue Date 8/12/26



GENERAL NOTES

A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION:

IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF THE CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A C.C.D. OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILING AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

*PER DSA IR 16-1, SEC. 5.4

B. CONTRACTOR SHALL ADJUST ALL DOOR CLOSERS TO A MAXIMUM OPENING FORCE OF 5 LBF

KEY NOTES

1. (E) SIDEWALK TO REMAIN.
2. (E) BUILDING TO REMAIN. NO WORK.
3. (E) A.C. PAVING TO REMAIN. NO WORK.
4. ACCESSIBLE PATH OF TRAVEL PER THIS APPLICATION. SEE ACCESSIBILITY NOTES, -SEE SHEET A1.00
5. (N) CONCRETE SIDEWALK, -PER 10/A1.04

LEGEND

- EXISTING BUILDING TO REMAIN (NO WORK)
- ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION
- EXIT DISCHARGE TO PUBLIC R.O.W.
- NEW CONCRETE SIDEWALK

ENLARGED SITE PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1" = 10'

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ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

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LICENSED ARCHITECT
CURTIS E. LYNN
No. C 28956
REN. 5-31-27
STATE OF CALIFORNIA

Sheet Title:

ENLARGED SITE PLAN

Job No.:

5682.1

Sheet No.:

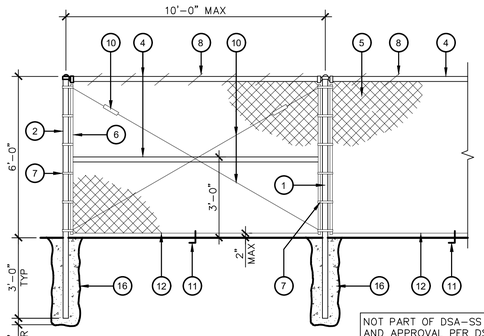
A1.03-2

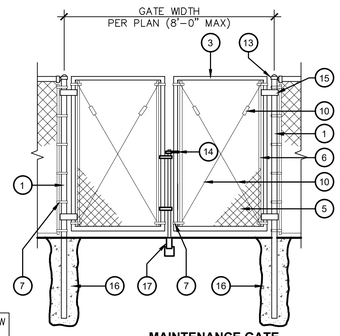
Release: DSA SUBMITTAL

Issue Date

8/11/26

G:\2026frs\26-5682.1 BCSD CESAR CHAVEZ E.S. 7 RELOCATABLE CR & 1 TOILET BLDG\Sheets SEAN PARKER



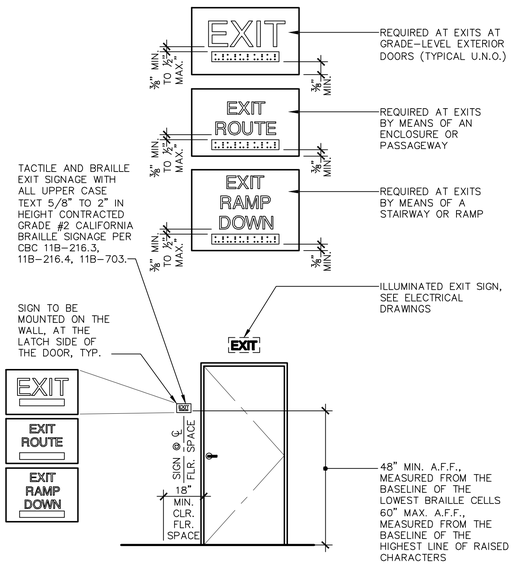


13 / A1.04 **TYPICAL CHAIN LINK FENCE AND GATES**
ADY100-01
SCALE: N.T.S.

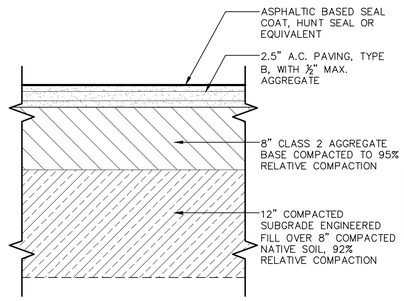
TYPICAL FENCE & GATE KEYNOTES

1. 4" O.D. GALVANIZED STEEL GATE POST (9.1 lb/ft)
2. 2 7/8" O.D. GALVANIZED STEEL END OR CORNER POST (5.79 lb/ft)
3. 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lb/ft)
4. 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lb/ft)
5. 2"x2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
6. 1/4"x3/4" GALVANIZED STEEL STRETCHER BAR
7. GALVANIZED STEEL STRETCHER BAR TENSION BAND, MIN. OF 6 TENSION BANDS
8. 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAX.
9. SPACING. MIN. 8 TIE WIRES PER EACH 10" HORIZONTAL RAIL
10. GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIA. TRUSS ROD 3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS AND END OR CORNER POST PANELS
11. 3/8"x6" GALVANIZED HOOK BOLT WITH NUT IMBEDDED IN MIDWAY BETWEEN POSTS
12. 7 GAUGE (0.177" DIA.) GALVANIZED STEEL TENSION WIRE
13. RAINPROOF CAP
14. DROP ROD WITH LOCKING HASP
15. 180° GATE HINGE, TYP
16. 12"ø CONCRETE POST FOOTING (TYP.)
17. CENTER GATE SLIDE SLEEVE,

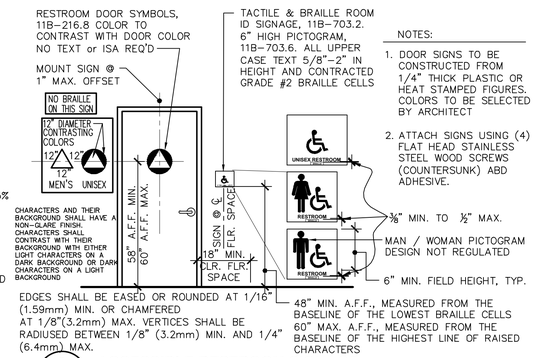
NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS, (COUNTERSUNK,) AND ADHESIVE.



2 / A1.04 **TYPICAL EXIT SIGNAGE**
ADX200-01
SCALE: 3/8" = 1'-0"

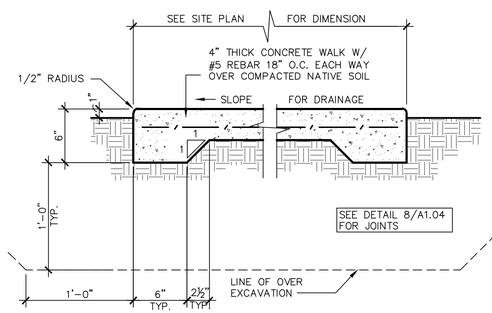


5 / A1.04 **AC PAVEMENT SECTION**
ADS100-57
SCALE: 1 1/2" = 1'-0"



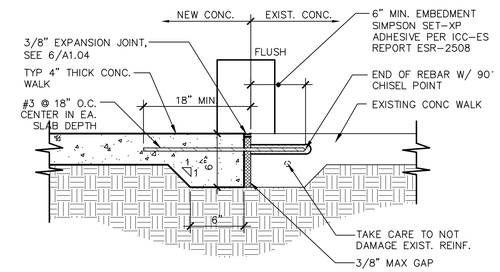
NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT
2. ATTACH SIGNS USING (4) FLAT HEAD STAINLESS STEEL WOOD SCREWS (COUNTERSUNK) ABD ADHESIVE.

6 / A1.04 **ACCESSIBLE RESTROOM SIGNAGE**
ADA000-01
SCALE: 1' = 1'-0"

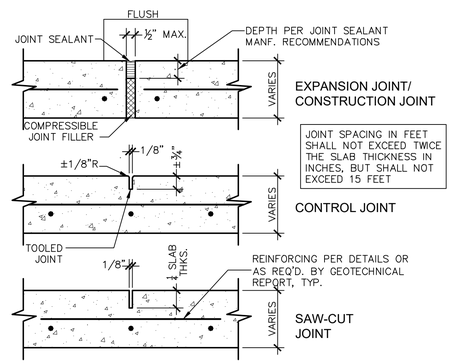


10 / A1.04 **TYPICAL CONCRETE WALK**
ADS100-15
SCALE: 1 1/2" = 1'-0"

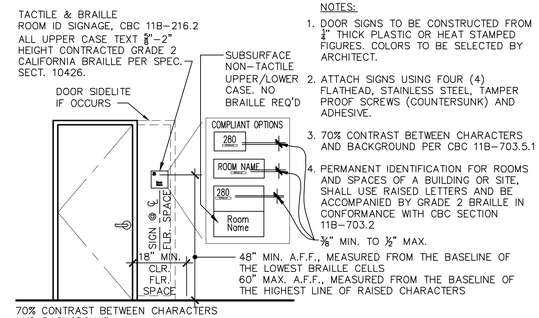
INSTALLATION:
1. DRILL HOLE 1/8" LARGER THAN REBAR DIAMETER
2. CLEAN HOLE THOROUGHLY OF DUST AND FRAGMENTS WITH WATER, WIRE BRUSH, AND AIR.



7 / A1.04 **(N) CONC WALK TO (E) CONC WALK**
ADS100-05
SCALE: 1 1/2" = 1'-0"



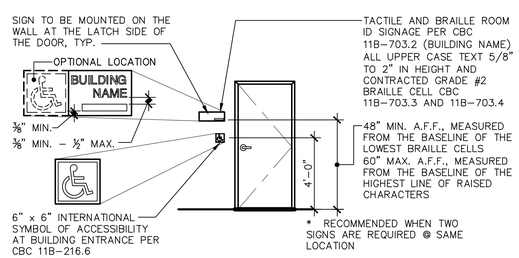
8 / A1.04 **CONCRETE JOINTS**
ADS110-01
SCALE: 3" = 1'-0"



NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM ¼" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND PER CBC 11B-703.5.1
4. PERMANENT IDENTIFICATION FOR ROOMS AND SPACES OF A BUILDING OR SITE, SHALL USE RAISED LETTERS AND BE ACCOMPANIED BY GRADE 2 BRAILLE IN CONFORMANCE WITH CBC SECTION 11B-703.2
⅜" MIN. TO ½" MAX.

3 / A1.04 **ROOM ID SIGNAGE**
ADX100-01
SCALE: NO SCALE

NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS (COUNTERSUNK) AND ADHESIVE.
3. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH AND CONTRAST WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND, CBC 11B-703.5.1.
4. ISA SYMBOL CAN ALSO BE PLACED ON DOOR. THE LOCATION IS NOT REGULATED.



4 / A1.04 **BUILDING ENTRANCE/I.S.A. SIGNAGE**
ADA100-01
SCALE: 1/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:
7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:
CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

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Sheet Title:
SITE DETAILS

Job No.:
5682.1

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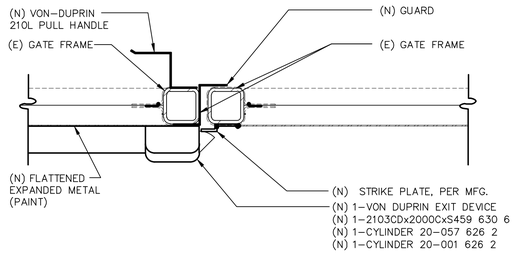
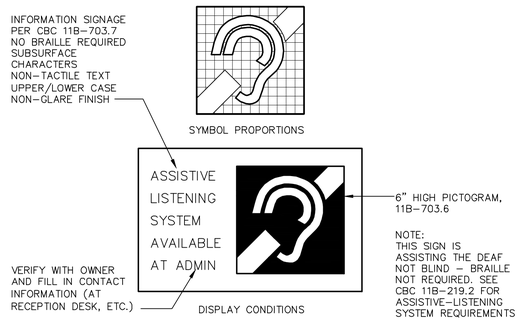
Release: Issue Date 8/12/26



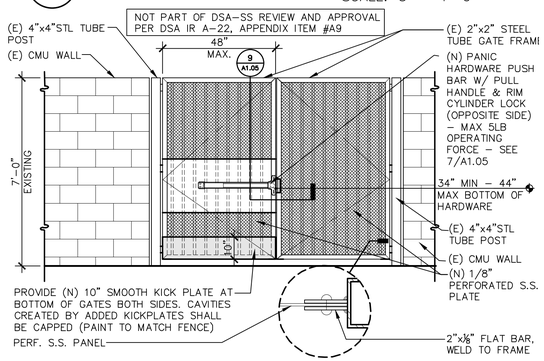
9 A1.05 (N) LOCKING DEVICE @ ACCESSIBLE (E) GATE

ADS100-49 SCALE: 3" = 1'-0"



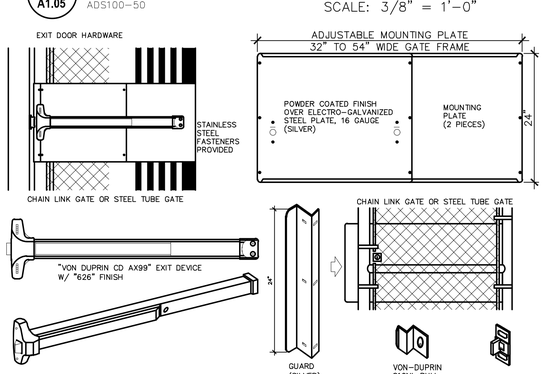
5 A1.05 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED

ADA200-05 SCALE: 3" = 1'-0"



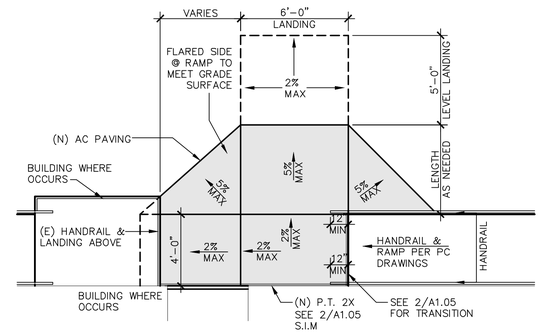
6 A1.05 (E) DECORATIVE STEEL GATE w/ (N) PAINC HARDWARE

ADS100-50 SCALE: 3/8" = 1'-0"



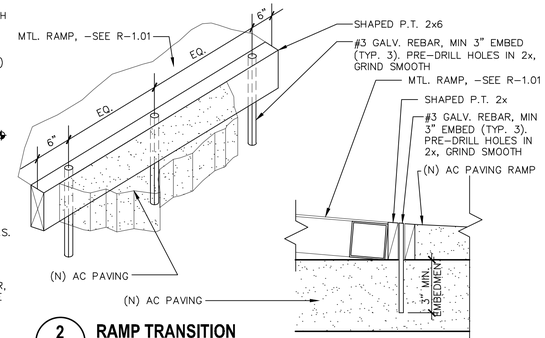
7 A1.05 PANIC HARDWARE

ADS100-52 NOTE: NO MANUAL CANE BOLTS OR SLIDE BOLTS WITH PANIC HARDWARE N.T.S.



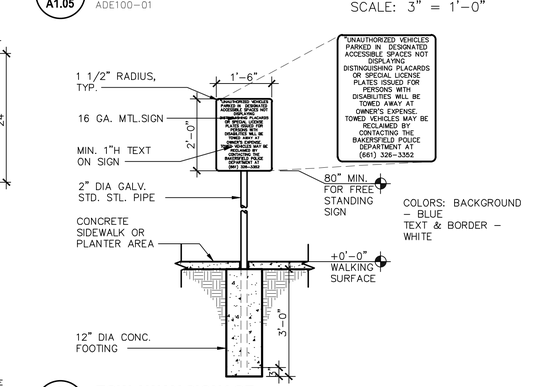
1 A1.05 AC RAMP TRANSITION

ADA000-03 SCALE: 1/4" = 1'-0"



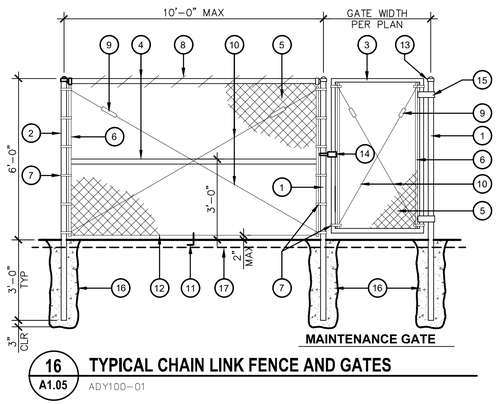
2 A1.05 RAMP TRANSITION

ADE100-01 SCALE: 3" = 1'-0"



3 A1.05 TOW AWAY SIGNAGE

ADX100-10 SCALE: 1/2" = 1'-0"



16 A1.05 TYPICAL CHAIN LINK FENCE AND GATES

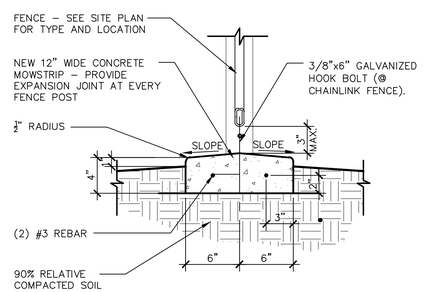
ADY100-01

TYPICAL FENCE & GATE KEYNOTES

1. 2 7/8" O.D. GALVANIZED STEEL GATE POST (9.1 lb/ft)
2. 2 7/8" O.D. GALVANIZED STEEL END OR CORNER POST (5.79 lb/ft)
3. 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lb/ft)
4. 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lb/ft)
5. 2"x2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
6. 1/4"x3/4" GALVANIZED STEEL STRETCHER BAR
7. GALVANIZED STEEL STRETCHER BAR TENSION BAND, MIN. OF 6 TENSION BANDS
8. 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAX. SPACING. MIN. 8 TIE WIRES PER EACH 10' HORIZONTAL RAIL
9. GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIA. TRUSS ROD
   3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS ROD.
10. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS AND END OR CORNER POST PANELS
11. 3/8"x6" GALVANIZED HOOK BOLT W ITH NUT IMBEDDED IN MIDWAY BETWEEN POSTS
12. 7 GAUGE (0.177" DIA.) GALVANIZED STEEL TENSION WIRE
13. RAINPROOF CAP
14. LOCKING HASP
15. 180° GATE HINGE, TYP
16. 12"ø CONCRETE POST FOOTING (TYP.)
17. EITHER NEW CONC. WALK PER DETAIL 10/A1.03 OR MOWSTRIP PER DETAIL 5/A1.03.SEE SITE PLAN

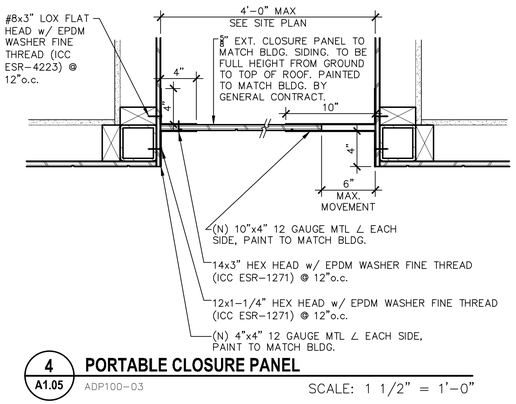
SCALE: N.T.S.

NOT PART OF DSA-SS REVIEW AND APPROVAL PER DSA IR A-22, APPENDIX ITEM #A9



8 A1.05 MOWSTRIP @ FENCE

ADS100-33 SCALE: 1 1/2" = 1'-0"



4 A1.05 PORTABLE CLOSURE PANEL

ADP100-03 SCALE: 1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

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BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

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Sheet Title:

SITE DETAILS

Job No.: **5682.1**

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Release: Issue Date 8/12/26

G:\2026frs\26-5682.1 BCSD CESAR CHAVEZ E.S. 7 RELOCATABLE CR & 1 TOILET BLDG\Sheets SEAN PARKER

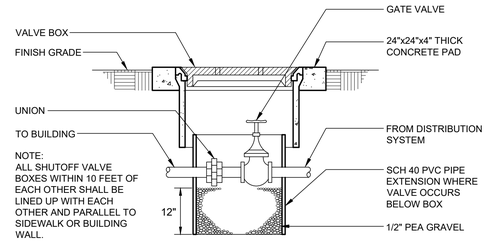
1" = 40'-0"

1" = 30'-0"

1" = 20'-0"

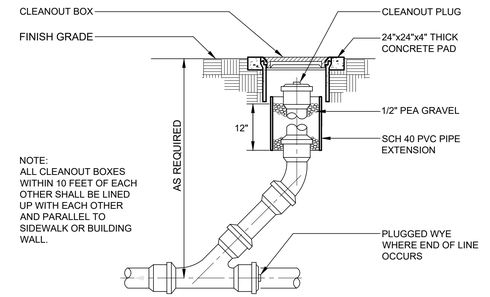
1/8" = 1'-0"

1/4" = 1'-0"



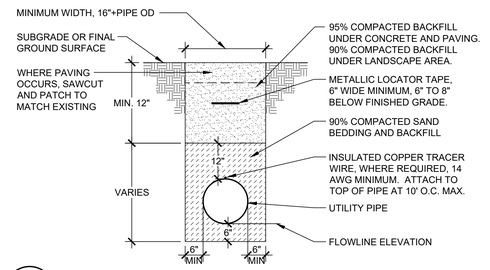
1 P0.01 SHUTOFF VALVE IN BOX

SCALE: N.T.S.



2 P0.01 CLEANOUT TO GRADE (COTG)

SCALE: N.T.S.



3 P0.01 PIPE TRENCH

SCALE: N.T.S.

GENERAL NOTES

A. THE PLANS AND SPECIFICATIONS DESCRIBE THE PLUMBING WORK OF THIS PROJECT. ANY ITEMS MENTIONED IN ONE PART SHALL BE AS BINDING AS THOUGH MENTIONED IN BOTH. PROVIDE THE NECESSARY LABOR, MATERIALS, EQUIPMENT, TOOLS, AND SERVICES FOR A COMPLETE FUNCTIONING SYSTEM.

B. ALL LOCATIONS OF EXISTING UTILITIES, EQUIPMENT, AND PIPING SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL CONDITIONS PRIOR TO PROCEEDING WITH ANY WORK, INCLUDING EXACT LOCATION, SIZE, SERVICE, AND ROUTING OF EXISTING UTILITIES AND PIPING. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY EXISTING CONDITIONS WHICH MAY CONFLICT WITH INFORMATION PROVIDED IN CONSTRUCTION DOCUMENTS.

C. PLUMBING LAYOUTS INDICATED ON PLANS ARE DIAGRAMMATIC ONLY. SOME WORK MAY BE SHOWN OFFSET FOR CLARITY. EXACT LOCATION OF EQUIPMENT AND PIPES SHALL BE COORDINATED WITH OTHER TRADES.

D. PROVIDE CLEANOUTS PER CPC SECTIONS 707, 719, AND 1101.13.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-22 CHAPTERS 13, 26, AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK, AND ELECTRICAL CONDUIT:

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7, AND 13.6.8; AND 2025 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☒ E☐ OPTION 1: PROJECT-SPECIFIC DESIGN.

MP☐ MD☐ PP☐ E☐ OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL

MP☐ MD☐ PP☐ E☐ OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERRED SUBMITTAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

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by SOMAM, Inc.

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Stamp:

REGISTERED PROFESSIONAL ENGINEER LISA LUM 32712 MECHANICAL STATE OF CALIFORNIA

Sheet Title:

GENERAL NOTES - DETAILS

Job No.: **5682.1**

Sheet No.: **P0.01**

Release: Issue Date

1" = 40'-0" 120 80 40 0 40

1" = 30'-0" 90 60 30 0 30

1" = 20'-0" 60 40 20 0 20

1/8" = 1'-0" 24 16 8 0 8

1/4" = 1'-0" 12 8 4 0 4

GENERAL MECHANICAL SPECIFICATIONS

1. CODES AND REGULATIONS:
ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AS ADOPTED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

   A. CALIFORNIA CODE OF REGULATIONS, TITLE 8, INDUSTRIAL RELATIONS
   B. CALIFORNIA CODE OF REGULATIONS, TITLE 17, PUBLIC HEALTH
   C. CALIFORNIA CODE OF REGULATIONS, TITLE 20, SECTION 1601 ET SEQ., APPLIANCE EFFICIENCY REGULATIONS
   D. CALIFORNIA CODE OF REGULATIONS, TITLE 24, BUILDING STANDARDS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
      i. PART 1: CALIFORNIA ADMINISTRATIVE CODE - CAC - 2025
      ii. PART 2: CALIFORNIA BUILDING CODE - CBC - 2025
      iii. PART 3: CALIFORNIA ELECTRICAL CODE - CEC - 2025
      iv. PART 4: CALIFORNIA MECHANICAL CODE - CMC - 2025
      v. PART 5: CALIFORNIA PLUMBING CODE - CPC - 2025
      vi. PART 6: CALIFORNIA ENERGY CODE - CEEC - 2025
      vii. PART 9: CALIFORNIA FIRE CODE - CFC - 2025
      viii. PART 11: CALIFORNIA GREEN BUILDING STANDARDS CODE - CALGREEN - 2025
   E. CITY OF BAKERSFIELD STANDARDS
   F. BAKERSFIELD CITY SCHOOL DISTRICT STANDARDS

2. PERMIT AND FEES:
THE CONTRACTOR SHALL TAKE OUT ALL PERMITS AND ARRANGE FOR ALL TESTS IN CONNECTION WITH HIS WORK AS REQUIRED. ALL CHARGES ARE TO BE INCLUDED IN THE WORK.

3. WORK BY OTHERS:
UNLESS OTHERWISE NOTED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING AND DISCONNECTS.

4. GUARANTEE:
THE CONTRACTOR SHALL REPAIR ANY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP AND PAY FOR ANY DAMAGE TO OTHER WORK RESULTING THEREFROM WHICH APPEARS WITHIN A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF WORK.

5. DAMAGES BY LEAKS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES CAUSED BY LEAKS IN THE TEMPORARY OR PERMANENT PIPING SYSTEMS PRIOR TO COMPLETION OF WORK AND DURING THE PERIOD OF THE GUARANTEE, AND FOR DAMAGES CAUSED BY DISCONNECTED PIPES OR FITTINGS, AND THE OVERFLOW OF EQUIPMENT PRIOR TO COMPLETION OF THE WORK.

6. EXISTING UTILITIES:
   A. THE ENGINEER HAS INDICATED ON THE PLANS THE LOCATION OF KNOWN EXISTING UTILITIES WITHIN THE WORK AREA. THE LOCATION OF SAID UTILITIES SHALL BE CONSIDERED APPROXIMATE ONLY, UNTIL EXPOSED BY THE CONTRACTOR.
   B. SERVICE LATERALS HAVE BEEN SHOWN WHERE INFORMATION WAS AVAILABLE. THE LOCATION OF SAID UTILITIES SHALL BE CONSIDERED APPROXIMATE ONLY, UNTIL EXPOSED BY THE CONTRACTOR.
   C. CONTRACTOR SHALL VERIFY UTILITIES WITHIN THE WORK AREA, INCLUDING USING HAND METHOD. CONTRACT SHALL PROTECT ALL EXISTING UTILITIES NOT DESIGNATED TO BE REMOVED.
   D. MAINTAIN EXISTING UTILITY MAINS AND SERVICE LINES IN CONSTANT SERVICE DURING CONSTRUCTION OF THE WORK. COORDINATE ALL SHUT-DOWNS WITH MAINTENANCE STAFF TO MINIMIZE INTERRUPTION OF SERVICE.

7. COMPATIBILITY WITH EXISTING SYSTEMS:
ANY WORK WHICH IS DONE AS AN ADDITION, EXPANSION OR REMODEL OF AN EXISTING SYSTEM SHALL BE COMPATIBLE WITH THAT SYSTEM.

8. DEMOLITION AS INDICATED ON DRAWINGS:
WHERE DEMOLITION IS CALLED FOR, REMOVE ALL EQUIPMENT, FIXTURES, DUCTWORK, PIPING, PANELS, WIRING, CONDUIT, HOUSEKEEPING PADS, BRACES, SUPPORTS, AND ALL RELATED ITEMS NO LONGER REQUIRED.

9. MATERIALS, EQUIPMENT, AND INSTALLATION:
   A. EACH ITEM REFERRED TO ON THE PLANS AND IN THE SPECIFICATIONS REPRESENTS THE STANDARD OF QUALITY DESIRED FOR MATERIALS, EQUIPMENT, AND INSTALLATION.
   B. ALL SUBSTITUTIONS MUST BE REVIEWED IN WRITING BY THE ENGINEER.
   C. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND FREE FROM DEFECTS. MATERIALS AND EQUIPMENT OF A GIVEN TYPE SHALL BE BY THE SAME MANUFACTURER.
   D. ALL INSTALLATIONS SHALL BE AS RECOMMENDED BY THE MANUFACTURER AND AS SHOWN ON PLANS.
   E. MATERIALS AND EQUIPMENT SHALL BE COVERED OR OTHERWISE PROTECTED DURING CONSTRUCTION AS REQUIRED TO MAINTAIN THE MATERIAL AND EQUIPMENT IN NEW FACTORY CONDITION UNTIL PROJECT ACCEPTANCE.

10. SUBMITTALS:
   A. SHOP DRAWINGS - WITHIN 30 DAYS OF CONTRACT AWARD, THE CONTRACTOR SHALL SUBMIT ELECTRONIC SUBMITTALS AS PDF ELECTRONIC FILES OF SHOP DRAWINGS FOR ALL MATERIALS, EQUIPMENT, ETC. PROPOSED FOR USE ON THIS PROJECT. MATERIAL OR EQUIPMENT SHALL NOT BE ORDERED OR INSTALLED UNTIL WRITTEN REVIEW IS PROCESSED BY THE ENGINEER. ANY ITEM OMITTED FROM THE SUBMITTAL SHALL BE PROVIDED AS SPECIFIED WITHOUT SUBSTITUTION.
   B. SOURCE LIMITATIONS - MATERIALS AND EQUIPMENT OF A GIVEN TYPE SHALL BE BY THE SAME MANUFACTURER.
   C. SUBSTITUTIONS - MANUFACTURERS AND MODEL NUMBERS LISTED IN THE SPECIFICATIONS OR ON THE DRAWINGS REPRESENT THE STANDARD OF QUALITY AND FEATURES DESIRED. WHERE EQUIPMENT IS SCHEDULED ON THE DRAWINGS, ANY EQUIPMENT SUBMITTED OTHER THAN SCHEDULED EQUIPMENT IS CONSIDERED A SUBSTITUTION. UNLESS OTHERWISE NOTED, ALTERNATE MANUFACTURERS MAY BE SUBMITTED FOR REVIEW BY THE ENGINEER. A COMPLETED AND SIGNED SUBSTITUTION REQUEST FORM SHALL BE INCLUDED. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY THAT SUBSTITUTED ITEMS OR PROCEDURES WILL MEET THE SPECIFICATION AND JOB REQUIREMENTS AND SHALL BE RESPONSIBLE FOR THE COST OF REDESIGN AND MODIFICATIONS TO THE WORK CAUSED BY THESE ITEMS.

11. EXCAVATION AND BACKFILL:
   A. GENERAL - BARREL OF PIPE SHALL HAVE UNIFORM SUPPORT ON SAND BED. SAND SHALL BE FREE FROM CLAY OR ORGANIC MATERIAL, SUITABLE FOR THE PURPOSE INTENDED AND SHALL BE OF SUCH SIZE THAT 90% TO 100% WILL PASS A NO. 4 SIEVE AND NOT MORE THAN 5% WILL PASS A NO. 200 SIEVE. UNLESS OTHERWISE NOTED, MINIMUM EARTH COVER ABOVE TOP OF PIPE OR TUBING OUTSIDE BUILDING WALLS SHALL BE 24", NOT INCLUDING BASE AND PAVING IN PAVED AREAS.
   B. EXCAVATION - WIDTH OF TRENCHES AT TOP OF PIPE SHALL BE MINIMUM OF 16", PLUS THE OUTSIDE DIAMETER OF THE PIPE. PROVIDE ALL SHORING REQUIRED BY SITE CONDITIONS. WHERE OVER EXCAVATION OCCURS, PROVIDE COMPACTED SAND BACKFILL TO PIPE BOTTOM. WHERE GROUNDWATER IS ENCOUNTERED, REMOVE TO KEEP EXCAVATION DRY, USING WELL POINTS AND PUMPS AS REQUIRED.
   C. BACKFILL:
      i. 6" BELOW, AROUND, AND TO 12" ABOVE PIPE - MATERIAL SHALL BE SAND. PLACE CAREFULLY AROUND AND ON TOP OF PIPE, TAKING CARE NOT TO DISTURB PIPING, CONSOLIDATE WITH VIBRATOR.
      ii. ONE FOOT ABOVE PIPE TO GRADE - MATERIAL SHALL BE SANDY OR SILTY LOAM, FREE OF LUMPS, LAID IN 6" LAYERS, UNIFORMLY MIXED TO PROPER MOISTURE AND COMPACTED TO REQUIRED DENSITY. IF BACKFILL IS DETERMINED TO BE SUITABLE AND REQUIRED COMPACTION IS DEMONSTRATED BY LABORATORY TEST, WATER COMPACTION IN 6" LAYERS MAY BE USED, SUBJECT TO REVIEW BY ENGINEER.
   D. COMPACTION - COMPACT TO DENSITY OF 95% WITHIN BUILDING AND UNDER WALKWAYS, DRIVEWAYS, TRAFFIC AREAS, PAVED AREAS, ETC. AND TO 90% ELSEWHERE. DEMONSTRATE PROPER COMPACTION BY TESTING AT TOP, BOTTOM AND ONE-HALF OF THE TRENCH DEPTH. PERFORM THESE TESTS AT THREE LOCATIONS PER 100 FEET OF TRENCH.

12. PROTECTION FOR UNDERGROUND PIPING:
   A. ALL FERROUS PIPE BELOW GRADE (EXCEPT CAST IRON) SHALL BE ENCASED IN POLYETHYLENE TUBE, MINIMUM 8 MIL THICK, ANSI/AWWA C105/A21.5. POLYWRAP.
   OR SHALL HAVE A FACTORY APPLIED PROTECTIVE COATING OF EXTRUDED HIGH DENSITY POLYETHYLENE, 35 TO 70 MILS TOTAL THICKNESS. PROTECTIVE COATING SHALL BE EXTENDED 6" ABOVE SURROUNDING GRADE. X-TRU-COAT, SCOTCHKOTE.
   B. ALL FERROUS PIPE FITTINGS AND AREAS OF DAMAGED COATING SHALL BE COVERED WITH TWO LAYERS DOUBLE WRAP OF 10 MIL POLYVINYL TAPE TO TOTAL THICKNESS OF 40 MILS. JOHNS-MANVILLE.
   C. DETECTABLE WARNING TAPE - PREPRINTED WITH A DESCRIPTION OF UNDERGROUND UTILITY, COLOR CODED, A MINIMUM OF 6" WIDE AND 4 MILS THICK, METALLIC RIBBON MARKER CAPABLE OF BEING LOCATED WITH A METAL DETECTOR. CHRISTY, SETON.
   D. TRACER WIRE - MINIMUM 14 AWG COPPER, CORROSION RESISTANT POLYETHYLENE INSULATED FOR DIRECT BURIAL. AGAVE WIRE, SOUTHWIRE.

13. PIPES PASSING THROUGH FIRE RATED SURFACES:
PIPES PASSING THROUGH FIRE RATED WALLS, FLOORS, CEILINGS, PARTITIONS, ETC. SHALL HAVE THE ANNULAR SPACE SURROUNDING THE PIPE OR PIPE INSULATION SEALED WITH FIRE RATED MATERIALS IN ACCORDANCE WITH THE REQUIREMENTS OF CBC SECTION 714 AND THE FIRE AUTHORITY HAVING JURISDICTION.

14. HOUSEKEEPING PAD:
HOUSEKEEPING PADS SHALL BE 6" HIGH CONCRETE, 3,000 PSI COMPRESSIVE STRENGTH, UNLESS OTHERWISE NOTED. PAD SHALL EXTEND 6" BEYOND THE LARGEST DIMENSIONS OF THE EQUIPMENT, UNLESS OTHERWISE NOTED. THE TOP EDGE OF THE PAD SHALL HAVE A 3/4" CHAMFER. THE PAD SHALL HAVE #4 REINFORCING BARS AT 12" ON CENTER, EACH WAY, LOCATED AT THE MID-DEPTH OF THE PAD.

15. CONCRETE ANCHORS:
STEEL BOLT WITH EXPANSION ANCHOR REQUIRING A DRILLED HOLE - POWDER DRIVEN ANCHORS, ADHESIVE ANCHORS AND CONCRETE SCREWS ARE NOT ACCEPTABLE. REUSE OF SCREW ANCHOR HOLES SHALL NOT BE PERMITTED. MINIMUM CONCRETE EMBEDMENT SHALL BE 4-1/2 DIAMETERS. MINIMUM SPACING SHALL BE 12 DIAMETERS CENTER TO CENTER AND 6 DIAMETERS CENTER TO EDGE OF CONCRETE. POST-INSTALLED ANCHORS IN CONCRETE USED FOR COMPONENT ANCHORAGE SHALL BE PREQUALIFIED FOR SEISMIC APPLICATION IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193. MAXIMUM ALLOWABLE STRESSES FOR TENSION AND SHEAR SHALL BE 80% OF THE ICC ES TEST REPORT VALUES. HILTI, ITW RED HEAD.

16. SUPPORTS:
ALL MECHANICAL SYSTEMS (EQUIPMENT, DUCTWORK, PIPING, ETC.) SHALL BE PROVIDED WITH SUPPORTS.

17. SYSTEM IDENTIFICATION:
   A. BELOW GRADE PIPING:
      i. BURY DETECTABLE WARNING TAPE WITH EACH UNDERGROUND PIPE. LOCATE DIRECTLY OVER BURIED PIPE, 6" TO 8" BELOW FINISHED GRADE.
      ii. SECURE INSULATED TRACER WIRE TO PLASTIC PIPING WITH NYLON TIES AT MAXIMUM 10 FEET INTERVAL. ALL WIRE-TO-WIRE CONNECTIONS SHALL BE SOLDERED TO PROVIDE CONTINUITY AND TAPED TO PREVENT ENTRY OF MOISTURE. TRACER WIRES SHALL TERMINATE 6" ABOVE GROUND AT EACH END OF PIPING.

18. CLEANING:
   A. PROGRESSIVELY AND AT COMPLETION OF THE JOB, THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL OF HIS WORK, REMOVING ALL DEBRIS, STAIN AND MARKS RESULTING FROM HIS WORK. THIS INCLUDES BUT IS NOT LIMITED TO BUILDING SURFACES, PIPING, EQUIPMENT AND DUCTWORK, INSIDE AND OUT. SURFACES SHALL BE FREE OF DIRT, GREASE, LABELS, TAGS, TAPE, RUST, AND ALL FOREIGN MATERIAL.
   B. AT END OF EACH WORK DAY, THE CONTRACTOR SHALL COVER ALL OPEN ENDS OF PIPING AND DUCTWORK WITH PROTECTIVE PLASTIC.

19. ACCEPTANCE TESTING:
ACCEPTANCE TESTING SHALL BE PERFORMED BY A CERTIFIED MECHANICAL ACCEPTANCE TEST TECHNICIAN (CMATT). THE CMATT SHALL PERFORM, DOCUMENT, REGISTER, AND SUBMIT ALL ACCEPTANCE TESTING AS REQUIRED BY CALIFORNIA CODE OF REGULATIONS, TITLE 24, AND AS NOTED ON THE CERTIFICATE OF COMPLIANCE FORM, WHERE APPLICABLE. COPIES OF THESE COMPLETED FORMS SHALL BE INCLUDED IN THE OPERATING AND MAINTENANCE BINDER.

20. OPERATING AND MAINTENANCE INSTRUCTIONS:
AN ELECTRONIC PDF FILE AND THREE HARD COPIES OF OPERATION AND MAINTENANCE INSTRUCTIONS AND WIRING DIAGRAMS FOR ALL EQUIPMENT AND PARTS LIST FOR ALL FAUCETS, TRIM, VALVES, ETC. SHALL BE SUBMITTED TO THE OWNER, THROUGH THE ARCHITECT. ALL INSTRUCTIONS SHALL BE SUBMITTED AT THE SAME TIME AND SHALL BE BOUND IN A SUITABLE BINDER WITH TABS DIVIDING EACH TYPE OF EQUIPMENT (e.g. PUMPS, FANS, MOTORS, ETC.).

21. RECORD DRAWINGS:
AS WORK PROGRESSES, THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL DEVIATIONS IN THE WORK FROM THAT INDICATED ON THE DRAWINGS. FINAL LOCATION OF ALL UNDERGROUND WORK SHALL BE RECORDED BY DEPTH FROM FINISHED GRADE AND BY OFFSET DISTANCE FROM PERMANENT SURFACE STRUCTURE. IN ADDITION, WATER, GAS, SEWER, ETC. WITHIN THE BUILDING SHALL BE RECORDED BY OFFSET DISTANCES FROM BUILDING WALLS. THE RECORD DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT.

PLUMBING SPECIFICATIONS

1. ALL GENERAL MECHANICAL SPECIFICATIONS APPLY TO THIS SECTION. REFER TO SHEET P0.01

2. LAYOUT:
PIPING SHALL BE CONCEALED IN WALLS, ABOVE THE CEILING, OR BELOW GRADE UNLESS OTHERWISE NOTED. ROUTE PIPING TO AVOID CUTTING STRUCTURAL MEMBERS. WHERE CUTTING OR NOTCHING IS REQUIRED, THE STRUCTURAL MEMBER SHALL BE REINFORCED IN ACCORDANCE WITH CBC. PIPING SHALL BE INSTALLED TO ENSURE UNRESTRICTED FLOW, ELIMINATE AIR POCKETS, PREVENT UNUSUAL NOISE AND PERMIT COMPLETE DRAINAGE OF THE SYSTEM. PROVIDE INDIVIDUAL SHUTOFF VALVES AT EACH FIXTURE AND EQUIPMENT.

3. PIPING MATERIAL:
   A. SOIL, WASTE, AND VENT
      i. INSIDE BUILDING AND WITHIN FIVE FEET OF BUILDING WALLS - STANDARD WEIGHT COATED CAST IRON PIPE AND FITTINGS. PLAIN END, CISPI 301, ASTM A888, OR HUB END WITH RUBBER GASKETS, ASTM A74, ASTM C564. AB&I, CHARLOTTE, JC CAST IRON, STAR PIPE PRODUCTS, TYLER.
         a. COUPLINGS SHALL BE HEAVY DUTY SHIELDED COUPLINGS, TYPE 304 STAINLESS STEEL, WITH NEOPRENE GASKET, ASTM C-1540. HUSKY HD 2000, CLAMP-ALL 80, MISSION HEAVYWEIGHT.
      ii. OUTSIDE BUILDING, BEYOND FIVE FEET OF BUILDING WALLS - POLYVINYL CHLORIDE (PVC), SDR 35, ASTM D3034 PIPE AND PVC FITTINGS WITH RUBBER RING JOINTS. CHARLOTTE PIPE, JM EAGLE, NORTH AMERICAN PIPE CORPORATION.
         a. PIPING WITH LESS THAN 24" OF COVER SHALL BE CAST IRON.
      iii. PIPE CLEANOUTS - IRON BODY WITH THREADED BRASS PLUG.
      iv. CLEANOUT BOX - PRECAST REINFORCED CONCRETE. CAST IRON LID MARKED WITH "SEWER" LETTERING. H20 TRAFFIC RATED BOX AND LID. CHRISTY G05T.
   B. DOMESTIC COLD WATER
      i. INSIDE BUILDING, WITHIN FIVE FEET OF BUILDING WALLS, AND ALL ABOVE GRADE - HARD TEMPER SEAMLESS COPPER, ASTM B88. WROUGHT COPPER FITTINGS, ANSI B16.22. TYPE L WITH BRAZED JOINTS (1100F MIN). 1-1/2" AND SMALLER ABOVE GRADE MAY BE SOLDERED, 95-5 TIN-ANTIMONY SOLDER. ALL NIPPLES SHALL BE RED BRASS (85% COPPER).
      ii. INSIDE BUILDING, BELOW GRADE 1" AND SMALLER - SOFT COPPER TUBE, TYPE K.
      iii. OUTSIDE BUILDING, BELOW GRADE BEYOND FIVE FEET OF BUILDING - SAME AS INSIDE BUILDING. GALVANIZED STEEL PIPING SHALL HAVE PROTECTIVE COATING.
      OR 3" AND SMALLER MAY BE POLYVINYL CHLORIDE (PVC), SCHEDULE 40, ASTM D1785 WITH SOLVENT WELD FITTINGS WHERE APPROVED BY ADMINISTRATIVE AUTHORITY.
      OR 4" AND LARGER MAY BE POLYVINYL CHLORIDE (PVC), AWWA C900, DR 14 PRESSURE CLASS 305 PSI, ASTM D1784, WHERE APPROVED BY ADMINISTRATIVE AUTHORITY, CAST OR DUCTILE IRON FITTINGS, AWWA C110 OR C153, SAME CLASS AS PIPE, WITH RUBBER RING JOINTS, ASTM D3139.

4. VALVES:
ALL VALVES OF A PARTICULAR TYPE OR FOR A PARTICULAR SERVICE SHALL BE BY THE SAME MANUFACTURER. PROVIDE CHAIN WHEEL OPERATOR WHERE VALVE IS MORE THAN 10 FEET ABOVE FINISH FLOOR.
   A. GATE VALVES:
      i. 2" AND SMALLER - ALL BRONZE. THREADED BONNET. NON-RISING STEM. WEDGE DISK. MALLEABLE IRON HANDWHEEL. 300 PSI CWP RATING. NIBCO T-113-LF.
      ii. 2-1/2" AND LARGER - IRON BODY, BRONZE MOUNTED. NON-RISING STEM. WEDGE DISK, RESILIENT SEATED. 300 PSI CWP RATING. FLANGED OR AWWA HUB END AS APPLICABLE. HANDWHEEL FOR ABOVE GRADE. NIBCO F-619-RWS.
      iii. UNDERGROUND VALVES SHALL HAVE SQUARE OPERATING NUT. PROVIDE OPERATING "T" HANDLES FOR UNDERGROUND VALVES.
   B. BALL VALVES, 2" AND SMALLER - FULL PORT. BRONZE OR BRASS BODY, CAP, STEM, DISK AND BALL. THREADED CONNECTION. LEVER HANDLE. PTFE SEAT. O-RING SEALS. PRESSURE RATED 600 PSI NON-SHOCK CWP, MAXIMUM 100 PSI AT 300°F. APOLLO, NIBCO T-685-80-LF, WATTS.
   C. VALVE BOX - PRECAST REINFORCED CONCRETE. CAST IRON LID MARKED FOR SERVICE. H20 TRAFFIC RATED BOX AND LID. CHRISTY G05T. PROVIDE MINIMUM 6" DIAMETER PIPE EXTENDED FROM TOP OF VALVE TO 6" OF TOP OF VALVE BOX.
   D. "T" HANDLES FOR UNDERGROUND VALVES - PROVIDE A MINIMUM OF TWO OPERATING "T" HANDLES FOR UNDERGROUND VALVES FOR EACH UNDERGROUND SYSTEM WHERE VALVES ARE REQUIRED. THE LENGTHS OF THE HANDLES ARE DEPENDENT UPON THE DEPTH OF THE VALVES AND THE ABILITY OF THE HANDLES TO FULLY OPEN AND/OR CLOSE THE VALVES. AT LEAST ONE "T" HANDLE FOR EACH SYSTEM SHALL BE ON SITE AT THE BEGINNING OF THE INSTALLATION OF A PARTICULAR SYSTEM FOR EMERGENCIES, AND THE CONSTRUCTION MANAGER SHALL HAVE ACCESS TO THESE "T" HANDLES AND VALVES.

5. MISCELLANEOUS SPECIALTIES:
   A. TRANSITION FITTINGS: MANUFACTURED FITTING OR COUPLING SAME SIZE AS, WITH PRESSURE RATING AT LEAST EQUAL TO AND ENDS COMPATIBLE WITH, PIPING TO BE JOINED.
   B. UNIONS:
      i. 2" AND SMALLER - AAR MALLEABLE IRON, BRONZE TO IRON GROUND SEAT. 300 PSI. UNIONS FOR COPPER PIPING SHALL BE COPPER OR CAST BRONZE. ANVIL.
      ii. 2-1/2" AND LARGER - GROOVED PIPE, SYNTHETIC GASKET, MALLEABLE IRON HOUSING. EPDM GASKET UL CLASSIFIED IN ACCORDANCE WITH ANSI/NSF 61. VICTAULIC STYLE 77 GRADE E GASKET, GRUVLOK 7001 GRADE EP GASKET.
   C. DIELECTRIC COUPLING - INSULATING UNION OR FLANGE RATED FOR 250 PSIG. EPCO, ZURN WILKINS SERIES DUXL.
   D. ESCUTCHEONS - CHROME PLATED, METAL TYPE WITH FASTENERS.

6. PIPE SUPPORT: FINISH SHALL BE GALVANIZED. UNLESS NOTED OTHERWISE
   A. PIPE HANGER - GALVANIZED STEEL "J" HANGER WITH SIDE BOLT FOR PIPING 4" AND SMALLER; GALVANIZED STEEL CLEVIS HANGER FOR PIPING 5" AND LARGER. LOAD AND JAM NUTS. SIZE AND MAXIMUM LOAD PER MANUFACTURER'S RECOMMENDATION. FELT LINER FOR COPPER PIPING. ANVIL, B-LINE, TOLCO, UNISTRUT.

			MAXIMUM SUPPORT SPACING	
PIPE SIZE	PEX	COPPER	SCH 40 STEEL	SCH 40 ABS / PVC DWV
1/2"	32"	6'	6'	4'
3/4"	32"	6'	8'	4'
1"	32"	6'	8'	4'
1-1/4"	32"	6'	10'	4'
1-1/2"	32"	6'	10'	4'
2"	32"	10'	10'	4'
2-1/2"	32"	10'	10'	4'

   B. CONSTRUCTION CHANNEL - 12 GAUGE, 1-5/8"x1-5/8" GALVANIZED STEEL CHANNEL. SINGLE OR MULTIPLE SECTION. SELF-LOCKING NUTS AND FITTINGS. ANVIL, B-LINE B22, TOLCO A-12, UNISTRUT P1000.

7. PIPING INSULATION MATERIALS:
ALL PIPING INSULATION MATERIALS SHALL HAVE FIRE AND SMOKE HAZARD RATINGS AS TESTED UNDER ASTM E84 AND UL 723 NOT EXCEEDING A FLAME SPREAD OF 25 AND SMOKE DEVELOPED OF 50.
   A. PRE-MOLDED FIBERGLASS - HEAVY DENSITY SECTIONAL PRE-MOLDED FIBERGLASS WITH VAPOR BARRIER LAMINATED ALL SERVICE JACKET AND PRESSURE SEALING VAPOR BARRIER LAP. THERMAL CONDUCTIVITY SHALL NOT EXCEED 0.25 BTU-IN/HR-FT2-F AT A MEAN TEMPERATURE OF 75F. PERM RATING 0.02, ASTM E96. INSULATION SHALL BE 1-1/2" THICKNESS FOR PIPES 1-1/2" AND SMALLER, OTHERWISE 2" THICKNESS. PROVIDE 3" MINIMUM WIDE TAPE OF SAME MATERIAL AS LAP FOR BUTT JOINTS. JOHNS-MANVILLE, KNAUF, OWENS-CORNING.
   B. FIBERGLASS ADHESIVE - WATER BASED, SHALL MEET ASTM C916 TYPE II REQUIREMENTS. CHILDERS CHIL-QUIK CP-127, FOSTER 85-60, VIMASCO 795.
   C. ALUMINUM JACKETING - ALUMINUM PIPE AND FITTING JACKETING, 0.016" THICK FOR STRAIGHT PIPE, 0.024" THICK FOR FITTINGS. STUCCO-EMBOSSED FINISH. INTEGRAL MOISTURE BARRIER. PROVIDE PRE-FABRICATED ALUMINUM STRAPPING AND SEALS BY SAME MANUFACTURER. ITW PABCO/CHILDERS, RPR PRODUCTS.
   D. METAL JACKETING/FLASHING SEALANT - CHILDERS CHIL-BYL CP-76, FOSTER 95-44 ELASTOLAR, PITTSBURGH CORNING PITTSEAL 727. GALLON CONTAINER QUANTITIES ONLY, NO TUBES.
   E. INSULATING TAPE - GROUND VIRGIN CORK AND SYNTHETIC ELASTOMERIC, 1/8" THICKNESS. BLACK, ODORLESS, AND NON-TOXIC. THERMAL CONDUCTIVITY SHALL NOT EXCEED 0.43 BTU-IN/HR-FT2-F AT A MEAN TEMPERATURE OF 75F. NON-SHRINKING. FOR OUTDOOR USE, PROVIDE PROTECTIVE FINISH BY SAME MANUFACTURER. SEALERS 1401.

8. PIPING INSTALLATION:
   A. SANITARY SEWER PIPING - INSTALL AT 1/4" PER FOOT PITCH. PIPING 4" AND LARGER MAY BE INSTALLED AT 1/8" PER FOOT PITCH WHERE STRUCTURAL OR OTHER LIMITATIONS PREVENT INSTALLATION AT A GREATER PITCH. BELL AND SPIGOT PIPING SHALL BE INSTALLED WITH BARREL ON SAND BED, EXCAVATE HOLE FOR BELL.
      i. CLEANOUTS - INSTALL AT ENDS OF LINES, AT CHANGES OF DIRECTION GREATER THAN 45 DEGREES, AND NOT GREATER THAN 100 FOOT INTERVALS. CLEANOUTS SHALL BE INSTALLED WITH A WYE 1/8 BEND COMBINATION. END OF LINE CLEANOUTS AND CLEANOUTS AT CHANGE OF DIRECTION SHALL BE INSTALLED WITH TWO 1/8 BENDS OR LONG SWEEP 1/4 BEND.
   B. WATER PIPING:
      i. PROVIDE SHUTOFF FOR EACH BUILDING.
      ii. WATER PIPING THAT RISES UP FROM BELOW GRADE SHALL BE TYPE L COPPER WITH BRAZED JOINTS, WRAPPED WITH 40 MILS OF PIPE WRAP TAPE. FEMALE PVC ADAPTERS SHALL NOT BE USED.
      iii. EQUIPMENT REQUIRING DOMESTIC WATER FOR NON-POTABLE USE SHALL BE PROVIDED WITH BACKFLOW PREVENTER ACCEPTABLE FOR INTENDED USE BY LOCAL GOVERNING AUTHORITIES.
   C. PLASTIC PIPING:
      i. PLASTIC PIPE AND FITTINGS SHALL BE JOINED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. METAL TO PLASTIC TRANSITION FITTINGS SHALL BE INSTALLED AT ALL TRANSITIONS. PVC AND ABS PIPE AND FITTINGS SHALL NOT BE SOLVENT WELDED TO DISSIMILAR MATERIAL.
      ii. SECURE INSULATED TRACER WIRE TO PIPE WITH NYLON TIES AT MAXIMUM 10 FEET INTERVAL. ALL WIRE-TO-WIRE CONNECTIONS SHALL BE SOLDERED TO PROVIDE CONTINUITY AND TAPED TO PREVENT ENTRY OF MOISTURE. TRACER WIRES SHALL TERMINATE 6" ABOVE GROUND AT EACH END OF PIPING. TRACER WIRE IS IN ADDITION TO PREPRINTED METALLIC DETECTABLE WARNING TAPE.
   D. FERROUS PIPE AND FITTINGS BELOW GRADE (EXCEPT CAST IRON) SHALL BE PROTECTED WITH POLYETHYLENE TUBE OR HAVE A FACTORY APPLIED PROTECTIVE COATING OF EXTRUDED HIGH DENSITY POLYETHYLENE.
   E. UNIONS - INSTALL A UNION ON THE LEAVING SIDE OF EACH VALVE, AT EQUIPMENT CONNECTIONS, AND ELSEWHERE AS NECESSARY FOR ASSEMBLY OR DISASSEMBLY OF PIPING.
   F. VALVES - INSTALL FULL LINE SIZE VALVES.
      i. PROVIDE SHUTOFF VALVE AT EACH POINT OF CONNECTION TO EXISTING PIPING, FOR EACH BUILDING, AND AT EACH EQUIPMENT CONNECTION.
      ii. A UNION SHALL BE INSTALLED ON THE LEAVING SIDE OF EACH VALVE. AT ALL SIDES OF AUTOMATIC VALVES, AT EQUIPMENT CONNECTIONS, AND ELSEWHERE AS NECESSARY FOR ASSEMBLY OR DISASSEMBLY OF PIPING.
      iii. USE GATE VALVES FOR SHUTOFF SERVICE ONLY.
      iv. BALL VALVES SHALL NOT BE INSTALLED BELOW GRADE.
   G. PIPES PASSING THROUGH CONCRETE WALL, CONCRETE BLOCK WALL, OR CONCRETE FLOOR SHALL BE PROVIDED WITH PIPE SLEEVES. ALLOW 1" ANNULAR CLEARANCE BETWEEN SLEEVE AND PIPE FOR PIPING 3" AND SMALLER, OTHERWISE 2" ANNULAR CLEARANCE.
   H. PROVIDE CHROME PLATED METAL ESCUTCHEONS TO CONCEAL OPENINGS WHERE PIPING PENETRATES WALLS, CEILINGS, OR FLOORS IN FINISHED AREAS.

9. PIPING INSULATION INSTALLATION:
   A. FREEZE PROTECTION OF COLD WATER PIPING - ALL COLD WATER PIPING EXPOSED TO WEATHER OR OTHER AREAS SUBJECT TO FREEZING SHALL BE INSULATED WITH 1" THICKNESS. COVER WITH ALUMINUM JACKETING WHERE EXPOSED TO WEATHER.
      i. SHORT LENGTHS OF PIPE, LESS THAN 12 INCHES, AND VALVES MAY BE WRAPPED WITH INSULATING TAPE, 50% OVERLAP. COVER VALVES TO STEM. APPLY AT LEAST TWO COATS OF PROTECTIVE FINISH WHERE EXPOSED TO WEATHER.
   B. INSTALL JACKETING OVER INSULATION MATERIAL. COVER WITH ALUMINUM JACKETING WHERE EXPOSED TO WEATHER.

10. TESTS:
PERFORM ALL TEST AS REQUIRED BY APPLICABLE CODES IN PRESENCE OF INSPECTOR.
   A. GRAVITY SYSTEMS:
      i. SANITARY SEWER - ALL ENDS OF THE SANITARY SEWER SYSTEM SHALL BE CAPPED AND LINES FILLED WITH WATER TO THE TOP OF THE HIGHEST VENT, 10 FEET ABOVE GRADE MINIMUM. THIS TEST SHALL BE MADE BEFORE ANY FIXTURES ARE INSTALLED. TEST SHALL BE MAINTAINED UNTIL ALL JOINTS HAVE BEEN INSPECTED, BUT NO LESS THAN 2 HOURS.
   B. PRESSURE SYSTEMS:
      i. DOMESTIC COLD WATER PIPING - MAINTAIN 100 PSIG WATER PRESSURE FOR 4 HOURS.

11. DISINFECTION:
DISINFECT ALL DOMESTIC WATER PIPING SYSTEMS IN ACCORDANCE WITH AWWA STANDARD C651 "AWWA STANDARD FOR DISINFECTING WATER MAINS", LATEST EDITION, AND IN ACCORDANCE WITH ADMINISTRATIVE AUTHORITY. DISINFECTION PROCESS SHALL BE PERFORMED IN COOPERATION WITH HEALTH DEPARTMENT HAVING JURISDICTION AND WITNESSED BY A REPRESENTATIVE OF THE ARCHITECT. AFTER DISINFECTION, WATER SAMPLES SHALL BE COLLECTED FOR BACTERIOLOGICAL ANALYSIS AND TESTED FOR BACTERIOLOGICAL PURITY. SAMPLE COLD WATER AND HOT WATER WHERE APPLICABLE. CERTIFICATE OF BACTERIOLOGICAL PURITY SHALL BE OBTAINED AND DELIVERED TO THE OWNER THROUGH THE ARCHITECT.

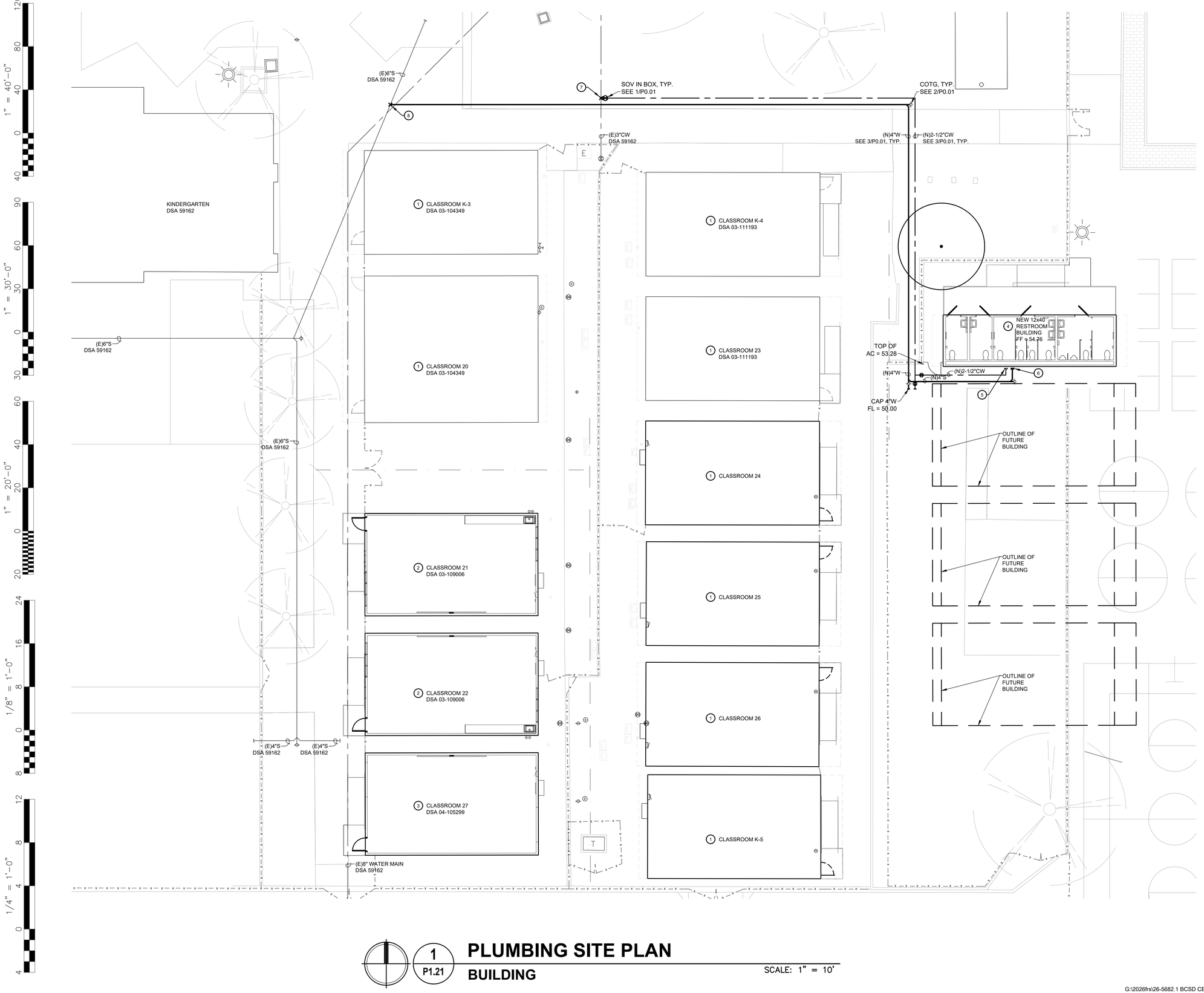
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

**7



1 PLUMBING SITE PLAN

BUILDING

SCALE: 1" = 10'

KEY NOTES

1. EXISTING PORTABLE BUILDING TO REMAIN. PROTECT FROM DAMAGE.
2. NEW LOCATION OF EXISTING PORTABLE BUILDING. SEE ARCH PLANS. DISCONNECT WATER AND WASTE LINE AND REMOVE PIPING BACK TO THE MAIN LINES OR VALVE. EXTEND AND RE-CONNECT NEW SITE WATER AND WASTE PIPING TO BUILDING. PROVIDE NEW BUILDING WATER SHUTOFF VALVE PER 1/P0.01. PROVIDE NEW BUILDING COTG PER 2/P0.01. SAWCUT AND PATCH TO MATCH EXISTING AS NEEDED. FIELD VERIFY ALL POC'S TO BUILDING BEFORE COMMENCING WORK, INCLUDING LOCATION, DEPTH, AND SIZE OF CONNECTIONS.
3. NEW LOCATION OF EXISTING PORTABLE BUILDING. SEE ARCH PLANS. NO PLUMBING WORK, FIELD VERIFY.
4. NEW 12x40 PORTABLE RESTROOM BUILDING. REFER TO PC DRAWINGS. PLUMBING INSIDE PORTABLE BUILDING BY MANUFACTURER. VERIFY POC'S TO BUILDING WITH BUILDING MANUFACTURER BEFORE COMMENCING WORK.
5. CONNECT 2-1/2"CW TO PORTABLE BUILDING. VERIFY POC WITH BUILDING MANUFACTURER.
6. CONNECT 4" SEWER TO PORTABLE BUILDING. VERIFY POC WITH BUILDING MANUFACTURER.
7. CONNECT NEW 2-1/2"CW TO (E)3"CW MAIN BELOW GRADE WITH SOV IN BOX PER 1/P0.01. FIELD VERIFY LOCATION, SERVICE, AND SIZE.
8. CONNECT NEW 4"S TO (E) 6" SEWER MAIN BELOW GRADE. FIELD VERIFY LOCATION, SERVICE, SIZE, DEPTH, AND DIRECTION OF FLOW, TYP. CONTRACTOR SHALL POTHOLE AND DETERMINE IF ANY CONFLICT EXIST WITH NEW INSTALLATION AT POINT OF CONNECTION AND ALONG NEW ROUTE AHEAD OF CONSTRUCTION.

LEGEND

SYMBOL	DESCRIPTION	ABBR
	SOIL OR WASTE	S. W.
	DOMESTIC COLD WATER	CW
GAS	GAS MAIN BY GAS UTILITY CO	
G	NATURAL GAS	G
CD	CONDENSATE DRAIN	CD
D	DRAIN	D
	CLEANOUT TO GRADE	COTG
	GATE OR SHUTOFF VALVE	GV SOV
	UNION	
	ELBOW UP	
	ELBOW DOWN	
	REDUCER	RED
	HOSE BIBB	HB
	ABOVE FINISH FLOOR	AFF
	CAP	
	EXISTING	(E)
	(E) TO BE REMOVED	DEMO
	NEW	(N)
X	POINT OF CONNECTION	POC
	TYPICAL	TYP

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DATE: 08/20/2026

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BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

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ENGINEERING
INTERIOR DESIGN

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REGISTERED PROFESSIONAL ENGINEER
LISA LUM
32712
MECHANICAL
STATE OF CALIFORNIA

Sheet Title:

PLUMBING SITE PLAN

Job No.: **5682.1**

Sheet No.: **P1.21**

Release: Issue Date 6/18/26

G:\2026frs\26-5682.1 BCSD CESAR CHAVEZ E.S. 7 RELOCATABLE CR & 1 TOILET BLDG\Sheets LISA LUM

1" = 40'-0"

1" = 30'-0"

1" = 20'-0"

1/8" = 1'-0"

1/4" = 1'-0"

\\Drafting\Jobs\2025\25043.5\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relocs 1 restroom\EG1.00.dwg DATE SAVED: 06/10/26 By: Nicole DATE PLOTTED: 06/10/26 JOB # 25-043.01-SE

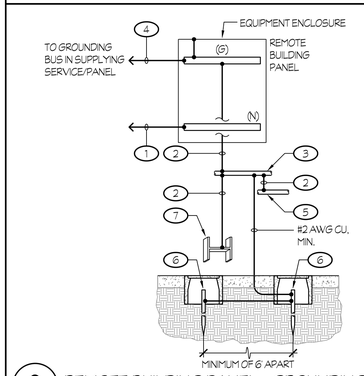
ELECTRICAL SYMBOLS
ALL DIMENSIONS TO CENTER OF BOX, U.O.N.

	HOME RUN 3/4"C - MIN. (PANEL A, CIRCUIT #3)
	CONDUIT RUN IN WALL OR ATTIC (1/2"C - 2 #12 AWG THWN + 1 #12 GND)
	CONDUIT RUN IN FLOOR OR UG (1/2"C - 2 #12 AWG THWN + 1 #12 GND)
	ANY CONDUIT RUN - 1/2"C - 3 #12 AWG THWN + 1 #12 GND
	" " - 3/4"C - 4 #12 AWG THWN + 1 #12 GND
	" " - 3/4"C - 5 #12 AWG THWN + 1 #12 GND
	" " - 1"C - 6 #12 AWG THWN + 1 #12 GND
	CONDUIT STUB - CAPPED AND LABELED.
1	ELECTRICAL KEYNOTE #1, REFER TO NOTES ON SAME SHEET.
U.O.N.	UNLESS OTHERWISE NOTED
W.P.	WEATHERPROOF
	TERMINAL CABINET (SIZE AS SHOWN)
	ELECTRICAL PANELBOARD
J	JUNCTION BOX EQUIPPED WITH BLANK COVER
J	JUNCTION BOX EQUIPPED WITH BLANK COVER AND FLEX CONNECTION
SD	ADDRESSABLE SMOKE DETECTOR MOUNTED ON CEILING
HD	HEAT DETECTOR MOUNTED IN ATTIC
MM	ADDRESSABLE MONITOR MODULE
RM	ADDRESSABLE RELAY MODULE
(A) F	ADDRESSABLE MANUAL PULL STATION
(A) V 15	FIRE ALARM VISUAL STROBE, 15 CANDELA, (CEILING MOUNTED)
(A) SV 75	FIRE ALARM SPEAKER/75 CANDELA VISUAL STROBE (CEILING MOUNTED)
(A) SP W.P.	FIRE ALARM EXTERIOR SPEAKER IN WALL
E	SUBSCRIPT DENOTES EXISTING SHALL REMAIN
R	SUBSCRIPT DENOTES EXISTING SHALL BE REMOVED
— ER —	DENOTES EXISTING BRANCH CIRCUITING/HOMERUN TO BE REMOVED
— EP —	DENOTES EXISTING BRANCH CIRCUITING/HOMERUN TO REMAIN
— EF —	DENOTES EXISTING FIRE ALARM CONDUIT AND CABLING TO REMAIN

ELECTRICAL SYMBOLS NOTES:
(A) REFER TO FIRE ALARM DEVICES ELEVATION, DETAIL #1/E1.04 FOR RESPECTIVE MOUNTING HEIGHTS.

2 GROUND WELL DETAIL

NTS



3 REMOTE BUILDING PANEL - GROUNDING AND BONDING

NTS

NOTES (THIS DETAIL ONLY):
1. NEUTRAL CONDUCTOR PER FEEDER SCHEDULE.
2. FULL SIZE GROUNDING ELECTRODE CONDUCTOR PER C.E.C., TABLE 250.66.
3. METAL WATER PIPING PER C.E.C. 250.104.
4. EQUIPMENT GROUND CONDUCTOR PER FEEDER SCHEDULE.
5. OTHER ABOVEGROUND METALLIC PIPING SYSTEMS PER C.E.C. 250.104.
6. 5/8" DIA. ROD ELECTRODE PER C.E.C. 250.52 (A), (B) AND GROUND ROD BOX PER DETAIL #2/EG1.00.
7. BUILDING STRUCTURAL STEEL PER C.E.C. 250.104.

LEGEND:
(G) DENOTES THE GROUND BUS OR BAR

(N) DENOTES THE NEUTRAL BUS OR BAR

GENERAL NOTE:
ALL MATERIALS AND METHODS USED IN GROUNDING AND BONDING SHALL COMPLY WITH C.E.C. ARTICLE 250.

SEISMIC ANCHORAGE REQUIREMENTS

MECHANICAL, ELECTRICAL AND PLUMBING ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. 'PERMANENTLY ATTACHED' SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7 AND 13.6.8; AND 2025 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

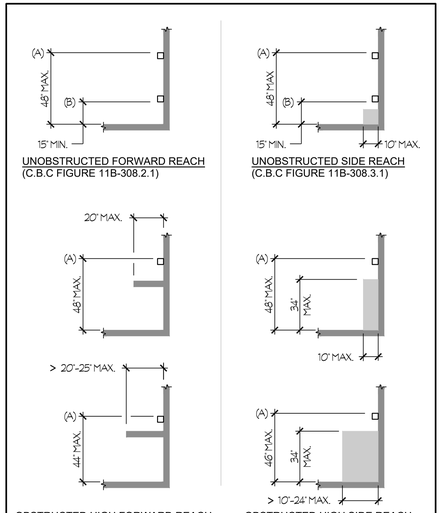
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP ☐ MD ☐ PP ☐ E ☑ - OPTION 1: PROJECT-SPECIFIC DESIGN.

MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL

MP ☐ MD ☐ PP ☐ E ☐ - OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERRED SUBMITTAL



(A) TOP OF OUTLET BOX FOR RECEPTACLES, SWITCHES AND CONTROLS.

(B) BOTTOM OF OUTLET BOX FOR RECEPTACLES, SWITCHES AND CONTROLS.

1 ELECTRICAL RECEPTACLE, SWITCH AND CONTROL HEIGHTS

NTS

TITLE 24, PART 6
THE CALIFORNIA ENERGY EFFICIENCY STANDARDS FOR NONRESIDENTIAL BUILDINGS HAS BEEN REVIEWED AND THE BUILDING DESIGN DESCRIBED ON THESE PAGES IS IN SUBSTANTIAL CONFORMANCE.

CODE, RULES AND REGULATIONS
ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST REGULATIONS OF THE STATE FIRE MARSHAL, CALIFORNIA CODE OF REGULATIONS, SERVING UTILITY COMPANIES AND OTHER APPLICABLE STATE ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED AS TO PERMIT WORK NOT CONFORMING TO THESE CODES. WHERE WORK OF A HIGHER DEGREE IS INDICATED IN THE PLANS OR SPECIFICATIONS THIS REQUIREMENT SHALL GOVERN.

DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS

CODES:

2025	CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2025	CALIFORNIA BUILDING CODE (C.B.C.), PART 2, TITLE 24 C.C.R. (2021 INTERNATIONAL BUILDING CODE, VOLUMES 1 AND 2 WITH 2025 CALIFORNIA AMENDMENTS)
2025	CALIFORNIA ELECTRICAL CODE (C.E.C.), PART 3, TITLE 24 C.C.R. (2020 NFPA 70 NATIONAL ELECTRICAL CODE WITH 2025 CALIFORNIA AMENDMENTS)
2025	CALIFORNIA MECHANICAL CODE (C.M.C.), PART 4, TITLE 24 C.C.R. (2021 UNIFORM MECHANICAL CODE WITH 2025 CALIFORNIA AMENDMENTS)
2025	CALIFORNIA PLUMBING CODE (C.P.C.), PART 5, TITLE 24 C.C.R. (2021 UNIFORM PLUMBING CODE WITH 2025 CALIFORNIA AMENDMENTS)
2025	CALIFORNIA ENERGY CODE (CEnC), PART 6, TITLE 24 C.C.R.
2025	CALIFORNIA FIRE CODE (C.F.C.), PART 9, TITLE 24 C.C.R. (2021 INTERNATIONAL FIRE CODE WITH 2025 CALIFORNIA AMENDMENTS)
2025	CALIFORNIA REFERENCED STANDARDS CODE (C.R.S.C.), PART 12, TITLE 24 C.C.R.

TITLE 19, C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

STANDARDS AND GUIDES:

NFPA 72	NATIONAL FIRE ALARM CODE, 2025 EDITION (CALIFORNIA AMENDED)
ADAAG	AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES
UL 38	MANUAL ACTUATED SIGNALING BOXES, 1999 EDITION
UL 268	SMOKE DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 2011 EDITION
UL 268A	SMOKE DETECTORS FOR DUCT APPLICATIONS, 2009 EDITION
UL 464	AUDIBLE SIGNAL APPLIANCES, 2003 EDITION
UL 521	HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION (WITH REVISIONS THROUGH JULY 2005)
UL 864	CONTROL UNITS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 2014 EDITION

ELECTRICAL GENERAL NOTES FOR DISTRIBUTION SYSTEM

1. EXISTING ELECTRICAL DISTRIBUTION HAS BEEN INVESTIGATED AND FOUND TO HAVE ADEQUATE CAPACITY FOR THE PROPOSED LOAD ADDITION AS SHOWN ON THESE PLANS.
2. SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TESTS...

COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM, PER C.F.C. SECTION 907.2.3.6, AND SHALL COVER EVERY ROOM AND/OR AREA. UPON THE ACTIVATION OF ANY INITIATION DEVICE THE FIRE ALARM SYSTEM SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F.C. SECTION 907.2.3.5).

REGISTERED PROFESSIONAL ENGINEER — ROSEMARY KIRK SING — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth - (559)733-2671
Visalia, California 93292-6705

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
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integrated designs
by SOMAM, Inc.

ARCHITECTURE ENGINEERING INTERIOR DESIGN

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LICENSED ARCHITECT — CURTIS E. FLYNN — No. C 28958 — REN. 5-31-27 — STATE OF CALIFORNIA

Sheet Title:

ELEC. SYMBOLS, CODES & NOTES

Job No.: **5682.1**

Sheet No.: **EG1.00**

Release: DSA SUBMITTAL — Issue Date:

NICOLE CORRIGAN

STATE OF CALIFORNIA

Electrical Power Distribution

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-ELC-E**

This document is used to demonstrate compliance with mandatory requirements in §130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and §160.6 and §160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per §180.1(a) or §180.2 (b)4Bvii

Project Name:	CEASAR CHAVEZ ELEM. SCHOOL 7 RELOCATABLE CLRMS & 1 TOILET BLDG.	**Report Page:**	**(Page 1 of 4)**
Project Address:	4201 MESA MARIN DR.	**Date Prepared:**	2026-06-03T10:50:21-04:00

A. GENERAL INFORMATION

01	Project Location (city)	BAKERSFIELD	02	Climate Zone	13
			03	Occupancy Types Within Project:	

● Relocatable Public School

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work [1]	Rating[2] (kVA)	Utility Provided Metering System Exception to §130.5(a)/§160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to §130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
EXISTING MAIN SWITCHBOARD "MSB"	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2/§160.3, §130.1/§160.5, and §130.3/§160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[1] FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

STATE OF CALIFORNIA

Electrical Power Distribution

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-ELC-E**

Project Name:	CEASAR CHAVEZ ELEM. SCHOOL 7 RELOCATABLE CLRMS & 1 TOILET BLDG.	**Report Page:**	**(Page 2 of 4)**
		Date Prepared:	2026-06-03T10:50:21-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01		02		03		04	05	06
Service Electrical Metering §130.5(a)/ §160.6(a) (See Table F)	AND	Separation for Monitoring §130.5(b)/ §160.6(b) (See Table G)	AND	Voltage Drop §130.5(c)/ §160.6(c) (See Table H)	AND	Controlled Receptacles §130.5(d)/ §160.6(d) (See Table I)	Electric Ready §160.9 (See Table J)	**Compliance Results**
	AND		AND	Yes	AND			COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

H. VOLTAGE DROP

This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c)/ §160.6(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii/ §180.2(b)4Bviic.

01	02				03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method				Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
							Pass	Fail
EXISTING MAIN SWITCHBOARD "MSB"	☒	Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E3.00	☐	☐

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*

[1] FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

STATE OF CALIFORNIA

Electrical Power Distribution

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-ELC-E**

Project Name:	CEASAR CHAVEZ ELEM. SCHOOL 7 RELOCATABLE CLRMS & 1 TOILET BLDG.	**Report Page:**	**(Page 3 of 4)**
		Date Prepared:	2026-06-03T10:50:21-04:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no NRCA forms required for this project.

STATE OF CALIFORNIA

Electrical Power Distribution

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — **NRCC-ELC-E**

Project Name:	CEASAR CHAVEZ ELEM. SCHOOL 7 RELOCATABLE CLRMS & 1 TOILET BLDG.	**Report Page:**	**(Page 4 of 4)**
Project Address:	4201 MESA MARIN DR.	**Date Prepared:**	2026-06-03T10:50:21-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Steve Eastham	Documentation Author Signature:
Company: Rose Sing Eastham	Signature Date: 26-06-03
Address: 131 S. DUNWORTH ST	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: VISALIA, CA 93292-6705	Phone: (559) 733 - 2671 EXT.101

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name: Steve Eastham	Responsible Person Signature:
Responsible Person Scope: ELECTRICAL	
Company: Rose Sing Eastham	Date Signed: 26-06-03
Address: 131 S. DUNWORTH ST	License: E18786
City/State/Zip: VISALIA, CA 93292-6705	Phone: (559) 733 - 2671 EXT.101

Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth – (559)733–2671
Visalia, California 93292–6705

REGISTERED PROFESSIONAL ENGINEER — STEVEN KIRK EASTHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

ARCHITECTURE ENGINEERING INTERIOR DESIGN

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LICENSED ARCHITECT — CURTIS E. FLYNN — No. C 28958 — REN. 5-31-27 — STATE OF CALIFORNIA

Sheet Title:

ELECTRICAL POWER DISTRIBUTION

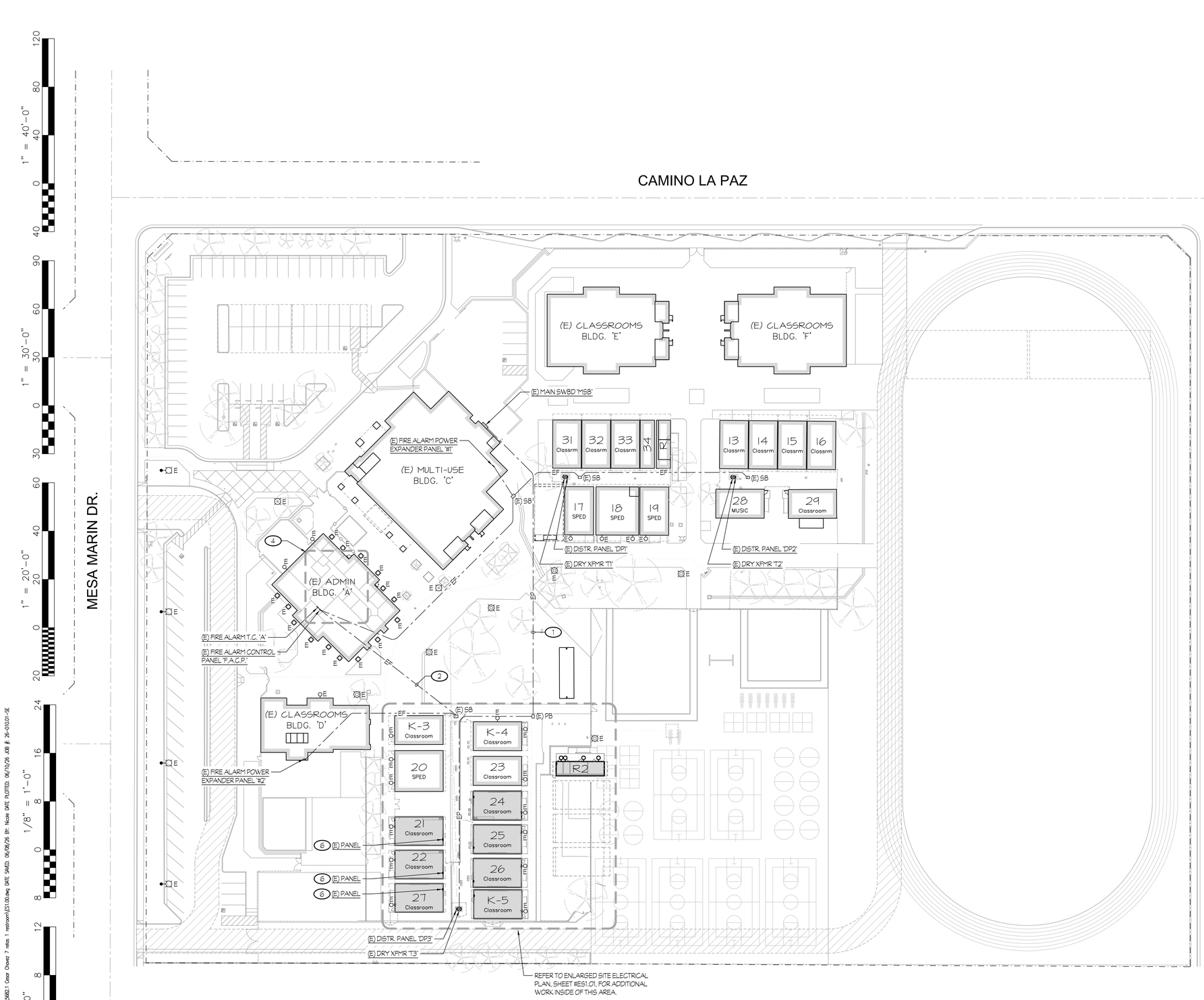
Job No.: **5682.1**

Sheet No.: **EG1.01**

Release: DSA SUBMITTAL Issue Date:

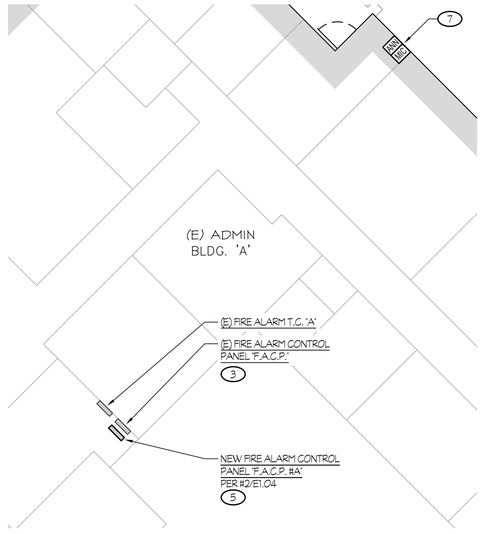
NICOLE CORRIGAN

1" = 40'-0" 120 80 40 0 40
1" = 30'-0" 90 60 30 0 30
1" = 20'-0" 60 40 20 0 20
1/8" = 1'-0" 24 16 8 0 8
1/4" = 1'-0" 12 8 4 0 4
J:\Drafting\Jobs\RDS\5682.1 Cesar Chavez 7 relos 1 restroom\EG1.01.dwg DATE SAVED: 06/10/26 By: Nicole DATE PLOTTED: 06/10/26 JOB # 26-010.01-SE



NOTES (THIS SHEET ONLY):

1. — — — EP — — — DENOTES THE APPROXIMATE LOCATION OF EXISTING 'POWER' FEEDERS AND/OR 'SPARE' CONDUITS. VERIFY EXACT LOCATION AT SITE.
2. — — — EF — — — DENOTES THE APPROXIMATE LOCATION OF EXISTING 'FIRE ALARM' FEEDERS AND/OR 'SPARE' CONDUITS. VERIFY EXACT LOCATION AT SITE.
3. THE EXISTING FIRE ALARM CONTROL PANEL 'F.A.C.P.' WAS FURNISHED AND INSTALLED IN D.S.A. APPLICATION NO. 03-53162 AND APPROVED ON MARCH 8, 1993.
4. REFER TO FIRE ALARM PLAN - ADMIN, AT RIGHT FOR ADDITIONAL WORK INSIDE OF THIS AREA.
5. MOUNT NEW FIRE ALARM CONTROL PANEL 'F.A.C.P. #A' BELOW EXISTING FIRE ALARM CONTROL PANEL 'F.A.C.P.'.
6. DISCONNECT EXISTING PANEL AT EXISTING RELOCATABLE BEING RELOCATED. SALVAGE ALL EXISTING 'IDLE' BRANCH CIRCUITING AND EXTEND FEEDER AS REQUIRED TO NEW LOCATION PER ENLARGED SITE ELECTRICAL PLAN, SHEET #ES1.01.
7. PROVIDE NETWORK CONTROL ANNUNCIATOR WITH MICROPHONE IN THE MAIN OFFICE AREA. COORDINATE EXACT LOCATION WITH CONTRACTOR PRIOR TO ROUGH-IN.



FIRE ALARM PLAN - ADMIN.

SCALE: 1/8" = 1'

SITE ELECTRICAL PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1" = 40'

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REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

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Sheet Title:

SITE ELECTRICAL PLAN

Job No.: **5682.1**

Sheet No.: ES1.00

Release: DSA SUBMITTAL Issue Date:

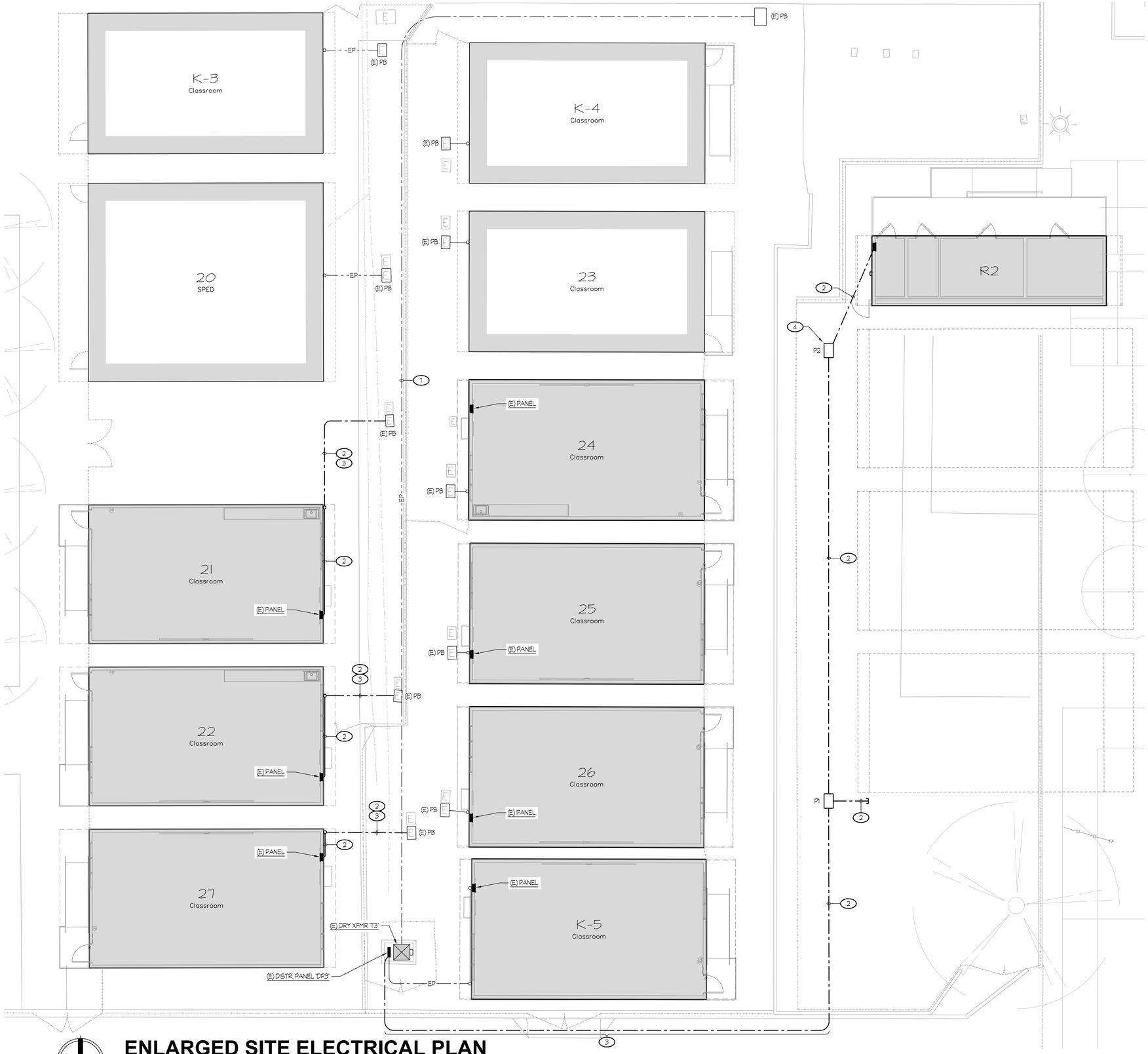
Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth – (559)733-2671
Visalia, California 93292-6705

REGISTERED PROFESSIONAL ENGINEER — ROBERT KIRK EASTHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

NICOLE CORRIGAN

1" = 40'-0" 1" = 30'-0" 1" = 20'-0" 1/8" = 1'-0" 1/4" = 1'-0"

I:\Drafting\Jobs\RSE\SCHOOLS\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relos 1 restroom\ES1.00.dwg DATE SAVED: 06/08/26 By: Nicole DATE PLOTTED: 06/10/26 JOB # 26-010.01-SE



ENLARGED SITE ELECTRICAL PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1/8" = 1"

NOTES (THIS SHEET ONLY):

1. — — — EP — — — DENOTES THE APPROXIMATE LOCATION OF EXISTING 'POWER' FEEDERS AND/OR 'SPARE' CONDUITS. VERIFY EXACT LOCATION AT SITE.
2. REFER TO ONE LINE DIAGRAM, DETAIL #1/E3.00.
3. SAWCUT AND PATCH OR BORE UNDER EXISTING CONCRETE/AC PAVING PER DETAIL #6/E1.04.
4. REFER TO DETAIL #4/E1.04 FOR PULL BOX REQUIREMENTS. TYPICAL, U.O.N.. WHERE FEEDER OR BRANCH CIRCUIT CONDUCTORS ARE ROUTING THRU THE PULL BOX, PROVIDE GROUNDING AND BONDING OF THE STEEL CHECKER-PLATE COVER PER DETAIL #5/E1.04.

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Electrical Consultants
131 S. Dunworth – (559)733-2671
Visalia, California 93292-6705

REGISTERED PROFESSIONAL ENGINEER — ROGER K. TRK. EASTHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

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SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
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Sheet Title:

ENLARGED SITE ELEC. PLAN

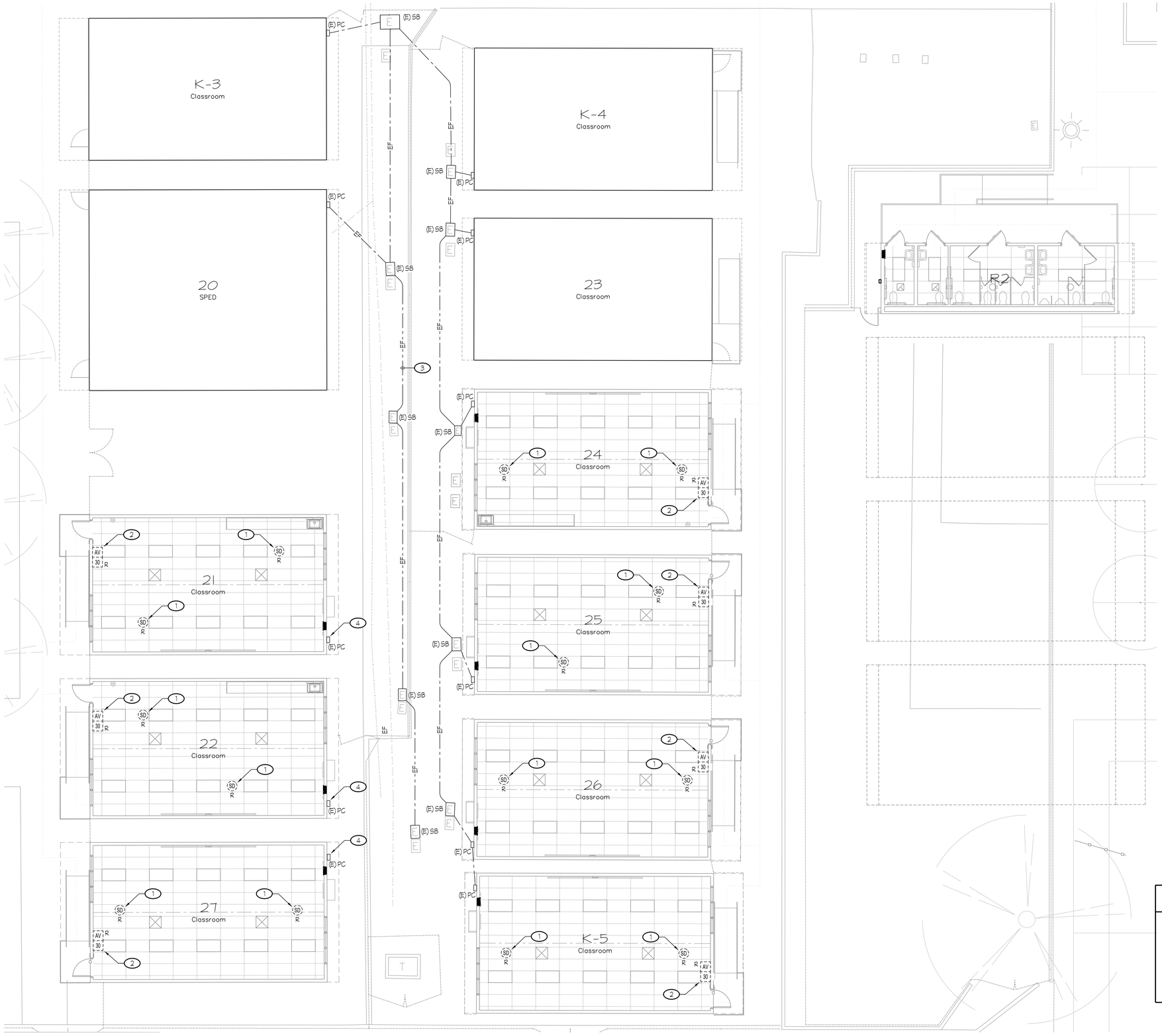
Job No.: **5682.1**

Sheet No.: **ES1.01**

Release: DSA SUBMITTAL — Issue Date:

NICOLE CORRIGAN

C:\Drafting\Jobs\RSE\SCHOOLS\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relos 1 restroom\ES1.01.dwg DATE SAVED: 06/09/26 By: Nicole DATE PLOTTED: 06/10/26 JOB # 26-010101-SE



DEMOLITION NOTES (THIS SHEET ONLY):

1. DISCONNECT AND REMOVE EXISTING SMOKE DETECTOR AND BASE MOUNTED ON CEILING. PULL OUT 'IDLE' CONDUCTORS AND BLANK OFF 'IDLE' OUTLET BOX AS REQUIRED TO CLEAR WAY FOR NEW CONSTRUCTION.
2. DISCONNECT AND REMOVE HORN STROBE AND SURFACE BACKBOX. PULL OUT 'IDLE' CONDUCTORS AND BLANK OFF 'IDLE' OUTLET BOX AS REQUIRED TO CLEAR WAY FOR NEW CONSTRUCTION.
3. — - — EF — - — DENOTES THE APPROXIMATE LOCATION OF EXISTING 'FIRE ALARM' FEEDERS AND/OR 'SPARE' CONDUITS. VERIFY EXACT LOCATION AT SITE.
4. DISCONNECT EXISTING 'FIRE ALARM' FEEDERS AND/OR 'SPARE' CONDUITS AT EXISTING RELOCATABLE BEING RELOCATED. RECONNECT NEW 'FIRE ALARM' FEEDERS AND/OR SPARE CONDUITS AS REQUIRED TO NEW LOCATION PER FIRE ALARM PLAN, SHEET #E1.01.

COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM, PER C.F.C. SECTION 907.2.3.6, AND SHALL COVER EVERY ROOM AND/OR AREA. UPON THE ACTIVATION OF ANY INITIATION DEVICE THE FIRE ALARM SYSTEM SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F.C. SECTION 907.2.3.5).

DEMOLITION FIRE ALARM PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1/8" = 1'

Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth – (559)733-2671
Visalia, California 93292-6705

REGISTERED PROFESSIONAL ENGINEER — KIRK A. EASTHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

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SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

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Sheet Title:

DEMO FIRE ALARM PLAN

Job No.: **5682.1**

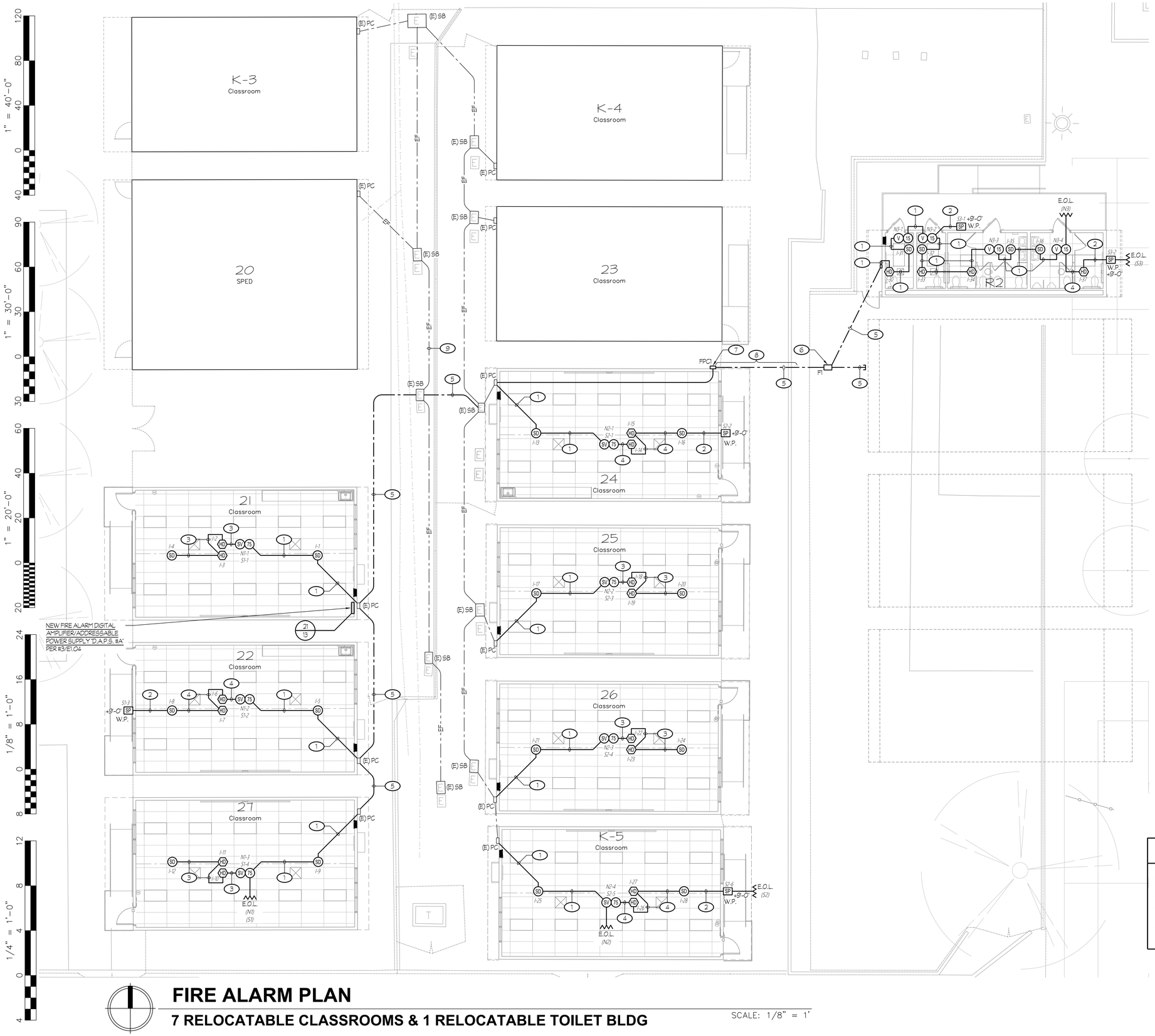
Sheet No.: **E1.00**

Release: DSA SUBMITTAL Issue Date:

NICOLE CORRIGAN

1" = 40'-0" 120 80 40 0
1" = 30'-0" 90 60 30 0
1" = 20'-0" 60 40 20 0
1/8" = 1'-0" 24 16 8 0
1/4" = 1'-0" 12 8 4 0

Z:\Drafting\Jobs\RGS\5200-5349\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relos 1 restroom\E1.00.dwg DATE SAVED: 06/08/26 By: Nicole DATE PLOTTED: 06/10/26 JOB # 26-010101-SE



NOTES (THIS SHEET ONLY):

1. 3/4"C - TWO 'FA' CABLES, TWO 'FSP' CABLES, 4 #12.
2. 1/2"C - TWO 'FSP' CABLES.
3. 3/4"C - TWO 'FA' CABLES.
4. 3/4"C - TWO 'FA' CABLES, TWO 'FSP' CABLES.
5. REFER TO FIRE ALARM SYSTEM RISER DIAGRAM, DETAIL #1/E1.03 FOR FIRE ALARM FEEDER OR 'SPARE' CONDUIT REQUIREMENTS.
6. REFER TO DETAIL #4/E1.04 FOR PULL BOX REQUIREMENTS. TYPICAL, U.O.N., WHERE FEEDER OR BRANCH CIRCUIT CONDUCTORS ARE ROUTING THRU THE PULL BOX, PROVIDE GROUNDING AND BONDING OF THE STEEL CHECKER-PLATE COVER PER DETAIL #5/E1.04.
7. PROVIDE 12" SQ. x 6" DP. FIRE ALARM PULL ENCLOSURE MOUNTED HIGH ON WALL. ROUTE NEW CONDUITS OUT OF THE BACK OF THE PULL CAN AND SEAL AROUND CONDUIT PENETRATIONS TO PREVENT LEAKAGE INTO BUILDING.
8. SAWCUT AND PATCH OR BORE UNDER EXISTING CONCRETE/AC PAVING PER DETAIL #6/E1.04.
9. — - — EF — - — DENOTES THE APPROXIMATE LOCATION OF EXISTING 'FIRE ALARM' FEEDERS AND/OR 'SPARE' CONDUITS. VERIFY EXACT LOCATION AT SITE.

COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM, PER C.F.C. SECTION 907.2.3.6, AND SHALL COVER EVERY ROOM AND/OR AREA. UPON THE ACTIVATION OF ANY INITIATION DEVICE THE FIRE ALARM SYSTEM SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F.C. SECTION 907.2.3.5).

FIRE ALARM PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1/8" = 1'

Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth - (559)733-2671
Visalia, California 93292-6705

REGISTERED PROFESSIONAL ENGINEER — JENNIFER KIRK EASTHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

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APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
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LICENSED ARCHITECT — CURTIS E. FLYNN — No. C 28968 — REN. 5-31-27 — STATE OF CALIFORNIA

Sheet Title:

FIRE ALARM PLAN

Job No.: **5682.1**

Sheet No.: **E1.01**

Release: DSA SUBMITTAL — Issue Date:

NICOLE CORRIGAN

Z:\Drafting\Jobs\RGS\5200-5.5\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relos 1 restroom\E1.01.dwg DATE SAVED: 06/08/26 By: Nicole DATE PLOTTED: 06/10/26 JOB # 26-010.01-SE

1" = 40'-0" 120 80 40 0

1" = 30'-0" 90 60 30 0

1" = 20'-0" 60 40 20 0

1/8" = 1'-0" 24 16 8 0

1/4" = 1'-0" 12 8 4 0

2:\Drafting\Jobs\5683\SCHOOLS\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relos 1 restroom\LC1.02.dwg DATE SAVED: 06/10/26 BY: Nicole DATE PLOTTED: 06/10/26 JOB #: 26-010101-SE

FIRE ALARM SYSTEM SEQUENCE OF OPERATIONS

RESULT OF OPERATION	TYPE OF INITIATION: MANUAL PULL STATION	AREA SMOKE/ HEAT DETECTOR (1)	CARBON MONOXIDE DETECTOR (2)	LOSS OF POWER	SHORT CIRCUIT/ GROUND FAULT
ANNUNCIATE ALARM AT FIRE ALARM CONTROL PANEL	YES	YES	———	———	———
ANNUNCIATE TROUBLE AT FIRE ALARM CONTROL PANEL	———	———	———	YES	YES
ANNUNCIATE SUPERVISORY AT FIRE ALARM CONTROL PANEL	———	———	YES	———	———
ACTIVATE ALL AUDIBLE AND VISUAL ALARM SIGNALS	YES	YES	———	———	———
TRANSFER TO BATTERY BACK-UP	———	———	———	YES	———
ACTIVATE TEMPORAL PATTERN, CODE 4, AT RESPECTIVE DETECTOR	———	———	YES	———	———
(1) ANNUNCIATE SUPERVISORY AT THE FIRE ALARM CONTROL PANEL	———	———	YES	———	———
ANNUNCIATE AT 24 HR. ATTENDED LOCATION	YES	YES	YES	YES	———
CENTRAL STATION FOR MONITORING (ALARM)	YES	YES	———	———	———
CENTRAL STATION FOR MONITORING (TROUBLE)	———	———	———	YES	———
CENTRAL STATION FOR MONITORING (SUPERVISORY)	———	———	———	———	———

(1) UPON DETECTION OF CARBON MONOXIDE, A SUPERVISORY SIGNAL SHALL ANNUNCIATE A BOTH THE FIRE ALARM CONTROL PANEL 'F.A.C.P.'.

FIRE ALARM SYSTEM GENERAL NOTES

1. APPLICABLE STANDARD NFPA 72, AS ADOPTED AND AMENDED IN CBC CHAPTER 35.
2. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM, HAS BEEN APPROVED BY DSA.
3. UPON COMPLETION OF SYSTEM INSTALLATION, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR TEST SHALL INCLUDE ALL INFORMATION PER NFPA 72 14.6.2.4 AND FIGURE 7.8.2(b) AND READ OUT VERIFICATION FORM FROM CENTER STATION.
4. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ ENGINEER OF THE PROJECT.
6. DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
7. ALL PENETRATIONS THROUGH RATED ASSEMBLIES REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7. UL OR OTHER APPROVED LAB TESTING CRITERIA. APPROVED TYPES OF MATERIALS SHALL BE IDENTIFIED WITHIN THE PROJECT SPECIFICATIONS WITHIN THE FIRE ALARM SECTION.
8. WALL MOUNTED VISIBLE NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
9. WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6" TO A HORIZONTAL STRUCTURE.
10. AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (dBA) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR FIVE dBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIABLE SPACE WITHIN THE BUILDING.
11. AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN FOR A FIRE ALARM SIGNAL. AUDIBLE DEVICES SHALL ALSO SOUND A TEMPORAL CODE 4 PATTERN FOR A CARBON MONOXIDE SIGNAL. THE EXISTING FIRE ALARM CONTROL PANEL WILL PRODUCE/GENERATE BOTH SIGNALS.
12. THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
13. VISIBLE DEVICES SHOULD NOT EXCEED TWO FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN ONE FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. VISIBLE DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.
14. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER TIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATIONS.
15. ALL FIRE ALARM WIRING SHALL BE FPL OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE TYPE THHN OR THWN.
16. PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
17. SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/ CONTAMINATION ON NEWLY INSTALLED FIRE ALARM, DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
18. ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILING, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
19. FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURER'S SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
20. A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE 'ON' POSITION. THE CIRCUIT BREAKER SHALL BE LABELED 'FIRE ALARM CIRCUIT CONTROL'. CIRCUIT ID TO BE LABELED AT FIRE PANELS/EXTENDERS.
21. THE INSTALLING CONTRACTOR SHALL PROVIDE A COMPLETED 'SYSTEM RECORD OF COMPLETION' PER NFPA 72, FIGURE 7.5.6.
22. FIRE ALARM CONTROL PANELS AND REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48" ABOVE THE FINISHED FLOOR.
23. MICROPHONES ASSOCIATED WITH EMERGENCY VOICE ALARM COMMUNICATION SYSTEMS (EVAC) SHALL BE ACCESSIBLE FOR USE, INSTALLED IN COMPLIANCE WITH CBC SECTIONS 118-305 AND 118-308.
24. THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
25. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
26. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.
27. PROVIDE AN ENGRAVED NAMEPLATE INDICATING THE D.S.A. APPLICATION NUMBER, FILE NUMBER AND DATE OF INSTALLATION AT EACH FIRE ALARM CONTROL PANEL 'F.A.C.P.'; AT EACH DIGITAL AMPLIFIER/ADDRESSABLE POWER SUPPLY 'D.A.P.S.' AND AT EACH FIRE ALARM POWER EXPANDER PANEL 'P.E.P.':
    A. THE PRIMARY POWER SUPPLY TO EACH FIRE ALARM CONTROL PANEL 'F.A.C.P.'; TO EACH DIGITAL AMPLIFIER/ADDRESSABLE POWER SUPPLY 'D.A.P.S.' AND TO EACH FIRE ALARM POWER EXPANDER PANEL 'P.E.P.' SHALL BE IN ACCORDANCE WITH NFPA 72 10.6.5 AND AS FOLLOWS:
        a) THE CIRCUIT BREAKER FEEDING THE RESPECTIVE PANEL SHALL BE LOCATED IN A LOCKED ROOM OR BEHIND A LOCKABLE DOOR AND BE READILY ACCESSIBLE TO AUTHORIZED PERSONNEL ONLY.
        b) THE CIRCUIT BREAKER SHALL BE EQUIPPED WITH A 'LOCK-ON ACCESSORY'. PAINT 'LOCK-ON ACCESSORY' 'RED' IN COLOR.
        c) THE CIRCUIT BREAKER SHALL HAVE AN ENGRAVED NAMEPLATE THAT IDENTIFIES IT AS A 'FIRE ALARM CIRCUIT'. THIS ENGRAVED NAMEPLATE SHALL HAVE WHITE LETTERS ON A RED BACKGROUND. MOUNT ONTO THE INTERIOR TRIM AND LOCATE ADJACENT TO CIRCUIT BREAKER WHERE POSSIBLE.
        d) THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT EACH FIRE ALARM CONTROL PANEL 'F.A.C.P.'; AT EACH DIGITAL AMPLIFIER/ADDRESSABLE POWER SUPPLY 'D.A.P.S.' AND AT EACH FIRE ALARM POWER EXPANDER PANEL 'P.E.P.'. PROVIDE AN ENGRAVED NAMEPLATE (WHITE LETTERS ON A RED BACKGROUND) WHICH INDICATES THIS.
    B. ALL ENGRAVED NAMEPLATES SHALL BE ATTACHED TO THE FRONT OF THE RESPECTIVE ENCLOSURE WITH SCREWS OR RIVETS.
28. PROVIDE A COPY OF THE BATTERY CALCULATION AT EACH FIRE ALARM CONTROL PANEL 'F.A.C.P.'; AT EACH DIGITAL AMPLIFIER/ADDRESSABLE POWER SUPPLY 'D.A.P.S.' AND AT EACH FIRE ALARM POWER EXPANDER PANEL 'P.E.P.'. BATTERY CALCULATION SHALL CONTAIN INFORMATION AS NOTED ON SCHEDULES AND BE PLASTIC LAMINATED. MOUNT ONTO INSIDE FACE OF DOOR.

FIRE ALARM SYSTEM EQUIPMENT LEGEND

	SYMBOL	DESCRIPTION	MODEL #	CSFM LISTING #	BACKBOX REQUIREMENTS (1)	MOUNTING HEIGHT (TO CENTER, U.O.N.)
(4)	FACP	EXISTING FIRE ALARM CONTROL PANEL 'F.A.C.P.'	NOTIFIER SYSTEM 500	7165-0028:0157	———	———
(3)	FACP	NEW FIRE ALARM CONTROL PANEL 'F.A.C.P. #A'	NOTIFIER #CPS-N16LD #CAB-5 #DVC-EM #DVC-KD #DAA2-5070 #CMC-1	7165-0028:0516 7165-0028:0243	INCLUDED	+60" A.F.F., U.O.N. PER DETAIL #2/E1.04
	DAPS	FIRE ALARM DIGITAL AMPLIFIER/ ADDRESSABLE POWER SUPPLY 'D.A.P.S. #A'	NOTIFIER #DAA2-5070 NOTIFIER #ACPS-610	7165-0028:0243 7315-0028:0248	NOTIFIER #EQDR-C4/EQBB-C4 AND #NFS-LBB BATTERY BOX	+60" A.F.F., U.O.N. PER DETAIL #3/E1.04
	ANN MIC	NETWORK CONTROL ANNUNCIATOR MICROPHONE/MIC WELL ASSY.	NOTIFIER #NCA-2 RLD NOTIFIER #CMIC-1	7165-0028:0243	INCLUDED	+60" A.F.F.
	F	ADDRESSABLE SMOKE DETECTOR	NOTIFIER #NBG-12LX	7150-0028:0199	4" SQ. x 2 1/8" DP. OUTLET BOX WITH S.G. RAISED RING	PER DETAIL #1/E1.04
	SD	ADDRESSABLE SMOKE DETECTOR	NOTIFIER #FSP-851/B210LP	7272-0028:0206 7300-1653:0109	4" SQ. x 2 1/8" DP. OUTLET BOX WITH S.G. RAISED RING	PER DETAIL #1/E1.04
	HD	ADDRESSABLE HEAT DETECTOR, MOUNTED IN ATTIC (190°F)	NOTIFIER #FST-851H/B210LP	7270-0028:0186 7300-1653:0109	4" SQ. x 2 1/8" DP. OUTLET BOX WITH S.G. RAISED RING	PER DETAIL #1/E1.04
	MM	ADDRESSABLE MONITOR MODULE	NOTIFIER #FMM-1	7300-0028:0219	4" SQ. x 2 1/8" DP. OUTLET BOX	———
	RM	ADDRESSABLE RELAY MODULE	NOTIFIER #FRM-1	7300-0028:0219	4" SQ. x 2 1/8" DP. OUTLET BOX	———
	V 15	VISUAL STROBE, CEILING MOUNTED (CANDELA RATING AS NOTED)	SYSTEM SENSOR #SCWL	7125-1653:0504	4" SQ. x 2 1/8" DP. OUTLET BOX	PER DETAIL #1/E1.04
	SW 75	SPEAKER/STROBE, CEILING MOUNTED (CANDELA RATING AS NOTED)	SYSTEM SENSOR #SPSCWL-P	7320-1653:0505	4" SQ. x 2 1/8" DP. OUTLET BOX WITH 1 1/2" DP. BOX EXTENSION	PER DETAIL #1/E1.04
	SP W.P.	EXTERIOR SPEAKER, WALL MOUNTED	SYSTEM SENSOR #SPRK-R/WTP-SPW	7320-1653:0201	4" SQ. x 2 1/8" DP. OUTLET BOX WITH 1 1/2" DP. BOX EXTENSION. PROVIDE WEATHERPROOF PLATE FOR SEMI-FLUSH MOUNTING	———
(2)	E.O.L.	END OF LINE RESISTOR	NOTIFIER	———	———	———
	'FA' CABLE	ADDRESSABLE FIRE ALARM CABLE	WEST PENN #D990	7161-0859:0101	———	———
	'FSP' CABLE	FIRE ALARM SPEAKER CABLE	WEST PENN #975-BL	7161-0859:0101	———	———
	'SFA' CABLE	ADDRESSABLE FIRE ALARM CABLE (OUTDOORS)	WEST PENN #AQ225	7161-0859:0101	———	———
	'SFSP' CABLE	FIRE ALARM SPEAKER CABLE (OUTDOORS)	WEST PENN #AQ225	7161-0859:0101	———	———

NOTES (FIRE ALARM SYSTEM EQUIPMENT SPECIFICATIONS):

(1) VERIFY BACKBOX REQUIREMENTS WITH THE FIRE ALARM SYSTEM EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.

(2) PROVIDE 2.2k ohm, 1/2W FOR NOTIFICATION APPLIANCE CIRCUITS FEEDING FROM THE FIRE ALARM CONTROL PANEL AND 4.7k ohm, 1/2W FOR NOTIFICATION APPLIANCE CIRCUITS FEEDING FROM THE ADDRESSABLE POWER SUPPLIES.

(3) PROVIDE AN EXTERNAL BATTERY BACKBOX, NOTIFIER #NFS-LBB AND MOUNT BELOW THE EQUIPMENT ENCLOSURE. RUN 1'2'C - 2 #12 BETWEEN ADJACENT ENCLOSURES.

(4) FURNISHED AND INSTALLED IN D.S.A. APPLICATION NO. 03-53162 AND APPROVED ON MARCH 8, 1993.

Rose, Sing, Eastham and Associates

Electrical Consultants
131 S. Dunworth St. • Visalia, CA 93292-6705
Phone: (559) 733-2671 - E-Mail: seastham@rse-eng.com

July 13, 2026

To: Division of the State Architect
Los Angeles Regional Office

Re: A#03-126207 and #03-126208

Project: 7 Relocatable Classrooms & 1 Relocatable Toilet Building
School: Cesar Chavez Elementary School
Owner: Bakersfield City School District
AOR: Integrated Designs by SOMAM
EOR Electrical: Rose Sing Eastham & Associates

To Whom It May Concern,

Purpose

This Memorandum of Understanding documents the basis of design and the Owner's acknowledgment of the interim fire alarm system configuration associated with this project. This memorandum is provided for the information of the Division of the State Architect (DSA) and shall not be construed as approval of the interim configuration by the Authority Having Jurisdiction.

Existing System

The existing Notifier System 500 (installed circa 1993) remains operational but is a legacy system beyond its practical service life. Manufacturer support is discontinued and replacement parts are generally unavailable. The system was designed and approved under the codes in effect at the time of its installation (DSA Application No. 03-53162) but does not support current code requirements for new buildings / modernizations.

The existing Notifier System 500 is not listed or supported for proprietary network communication with current-generation Notifier fire alarm control equipment. Accordingly, the interface between systems is intentionally limited to listed hardwired alarm, supervisory, and trouble relay interfaces.

Scope

Install a new Notifier CPS-N16LD Fire Alarm Control Panel serving the new relocatable buildings as described in DSA A# 03-126207. The new panel shall function as the primary campus fire alarm control panel for this project and monitor the legacy Notifier System 500 via listed alarm, supervisory, and trouble relay interfaces. For existing devices, Notifier 500 shall remain connected to existing devices and continue to function for existing initiating and notification devices. Campus-wide notification and off-site monitoring shall originate from the new panel.

ROSE SING EASTHAM & ASSOCIATES
131 S. DUNWORTH ST. VISALIA, CA 93292

Risks

The Owner acknowledges the legacy system is beyond normal service life; replacement parts may be unavailable; compatibility with future systems is uncertain; the new installation cannot correct deficiencies in the existing system; future expansion may require replacement; reliability cannot be guaranteed; no warranty is provided on existing equipment; and future failures of the legacy panel are outside the contractor's responsibility.

The interim configuration described herein is a design decision intended to maintain a functioning campus fire alarm system while facilitating construction of the current project. The Design Team's recommendation for complete replacement of the legacy Notifier System 500 has been communicated to the Owner. The Owner acknowledges the limitations and risks associated with continued operation of the legacy system until a campus-wide replacement project is completed.

NFPA 72 Considerations

Compatibility (NFPA 72 - 10.4): Compatibility between the new and legacy systems is limited to listed relay interfaces. No proprietary network communication is utilized

Reacceptance Testing (NFPA 72 - 14.4.2.3): Reacceptance testing shall verify all modified functions and confirm that unaffected functions continue to operate properly.

Networks/Interfaces (NFPA 72 - 23.6/23.8): The legacy System 500 is not networked with the new fire alarm control panel and does not participate in distributed fire alarm control.

Wiring (NFPA 72 - 17.7/17.4): all new wiring shall comply with applicable NFPA 72 and California Electrical Code requirements; Existing conductors reused for interface purposes shall be field verified as suitable for continued service.

Recommendation

Because of the age of the existing system, discontinued manufacturer support, and lack of replacement components, the Engineer of Record recommends replacement of the existing campus fire alarm system at the earliest practical opportunity and preferably within two (2) years.

Acceptance

Owner: _____ Date: 7/13/26

Architect: _____ Date: 7/13/26

Sincerely,

Steve Eastham PE
Rose Sing Eastham & Associates

REGISTERED PROFESSIONAL ENGINEER STEVEN KIRK EASTHAM No. E-18786 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

ROSE SING EASTHAM & ASSOCIATES
131 S. DUNWORTH ST. VISALIA, CA 93292

FIRE ALARM LEVEL OF AUDIBILITY

ALARM INDICATING DEVICES OF A FIRE ALARM SYSTEM INTENDED TO ALERT ALL OCCUPANTS SHALL BE SO LOCATED AND UNOBSTRUCTED AS TO CAUSE A LEVEL OF AUDIBILITY OF NOT LESS THAN 15db ABOVE AMBIENT NOISE LEVELS MEASURED FOUR FEET ABOVE THE FLOOR INSIDE BUILDING.

AMBIENT NOISE LEVELS SHALL BE CONSTRUED TO MEAN THAT WHICH CAN NORMALLY BE EXPECTED TO EXIST WHEN THE FACILITY, BUILDING, ROOM OR AREA IS FUNCTIONING UNDER NORMAL OPERATIVE OR WORKING CONDITIONS.

THE FIRE ALARM SIGNAL SHALL COMPLY WITH THE CALIFORNIA EDUCATION CODE, SECTIONS 32000 AND 32004, AND BE A TEMPORAL PATTERN, CODE 3 AND THEN FOLLOWED BY ANY VOICE MESSAGES.

SCHOOLS FIRE ALARM REQUIREMENTS

THE FIRE ALARM SYSTEM SHALL CONFORM TO CALIFORNIA BUILDING CODE, SECTION 907.2.3; CALIFORNIA ELECTRICAL CODE, ARTICLE 760 AND CALIFORNIA FIRE CODE, CHAPTER 9, SECTION 907.

UPON COMPLETION OF THE INSTALLATION OF THE FIRE PROTECTIVE SIGNALING EQUIPMENT, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING FIRE AGENCY, NFPA 72. IF TESTING RESULTS DETERMINE FIRE ALARM AUDIBILITY DOES NOT MEET 15db OVER AMBIENT NOISE LEVELS, ADDITIONAL FIRE ALARM SIGNALING DEVICES MAY BE REQUIRED BY THE ENFORCING FIRE AGENCY.

FIRE ALARM SYSTEM CERTIFICATION AND DESCRIPTION SHALL BE PROVIDED FOR TESTING AND A PLASTIC LAMINATED COPY SHALL REMAIN (WITH INSTRUCTIONS) AT THE FIRE ALARM CONTROL PANEL PER NFPA 72.

THE FIRE ALARM 'CERTIFICATE OF COMPLETION' FORM IN NFPA 72 SHALL BE COMPLETED, SIGNED AND SUBMITTED.

SCOPE OF WORK

1. PROVIDE A NEW AUTOMATIC FIRE ALARM SYSTEM WITH SUPPLEMENTAL MANUAL FIRE DETECTION.
2. PROVIDE A FIRE ALARM CONTROL PANEL, FIRE ALARM POWER EXPANDER PANEL, ADDRESSABLE INITIATION DEVICES, NOTIFICATION APPLIANCES, CONDUIT, CABLING AND CONDUCTORS AS SHOWN ON THE DRAWINGS.

FIRE ALARM MONITORING NOTE

AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH NFPA 72. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX (CENTRAL STATION) OR UUJS (REMOTE AND PROPRIETARY) BY UNDERWRITERS LABORATORY (UL) OR SHALL COMPLY WITH THE REQUIREMENTS OF STANDARD FM 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

FIRE ALARM RECORD DOCUMENTS CABINET NFPA 72, 7.7.2

- EVERY NEW FIRE ALARM SYSTEM SHALL PROVIDE A DOCUMENTATION CABINET, INSTALLED AT THE SYSTEM CONTROL PANEL OR OTHER APPROVED LOCATION.
- THE DOCUMENTATION CABINET SHALL BE PROMINENTLY LABELED, 'SYSTEM RECORD DOCUMENTS'.
- ALL RECORD AND TESTING DOCUMENTATION SHALL BE STORED IN THE CABINET.
- CONTENTS SHALL BE ACCESSIBLE BY AUTHORIZED PERSONNEL ONLY.
- WHERE CABINET IS INSTALLED IN A LOCATION OTHER THAN THE SYSTEM CONTROL UNIT, ITS LOCATION SHALL BE IDENTIFIED AT THE SYSTEM CONTROL UNIT.

SYSTEM DOCUMENTS AS APPLICABLE:

- RECORD DRAWINGS/AS-BUILTS.
- EQUIPMENT CUT SHEETS AND CA SFM LISTINGS.
- ALTERNATIVE MEANS AND METHODS.
- PERFORMANCE BASED DESIGN DOCUMENTATION (NFPA 72, 7.3.7).
- SYSTEM RECORD OF COMPLETION AND ANY SUPPLEMENTAL INSPECTION AND TESTING DOCUMENTATION (NFPA 72, 7.8.2).
- EMERGENCY RESPONSE PLAN (NFPA 72, 7.3.8.).
- EVALUATION DOCUMENTATION (NFPA 72, 7.3.9.).
- RISK ANALYSIS DOCUMENTATION (NFPA 72, 7.3.6).
- SOFTWARE AND FIRMWARE CONTROL DOCUMENTATION (NFPA 72, 23.2.2).

FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION

THE SCHOOL DISTRICT SHALL PROVIDE A ON-SITE 'FIRE WATCH' IN THE EVENT THAT THE EXISTING FIRE ALARM SYSTEM IS IMPAIRED AND/OR INTERRUPTED DURING CONSTRUCTION PER CALIFORNIA FIRE CODE, SECTION 3304, ARTICLE 3304.5.

COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM, PER C.F.C. SECTION 907.2.3.6, AND SHALL COVER EVERY ROOM AND/OR AREA. UPON THE ACTIVATION OF ANY INITIATION DEVICE THE FIRE ALARM SYSTEM SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F.C. SECTION 907.2.3.5).

REGISTERED PROFESSIONAL ENGINEER STEVEN KIRK EASTHAM No. E-18786 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth ~ (559)733-2671
Visalia, California 93292-6705

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL

4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

ARCHITECTURE ENGINEERING INTERIOR DESIGN

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Stamp:

LICENSED ARCHITECT CURTIS C. FLINN No. C 28958 REN. 5-31-27 STATE OF CALIFORNIA

Sheet Title:

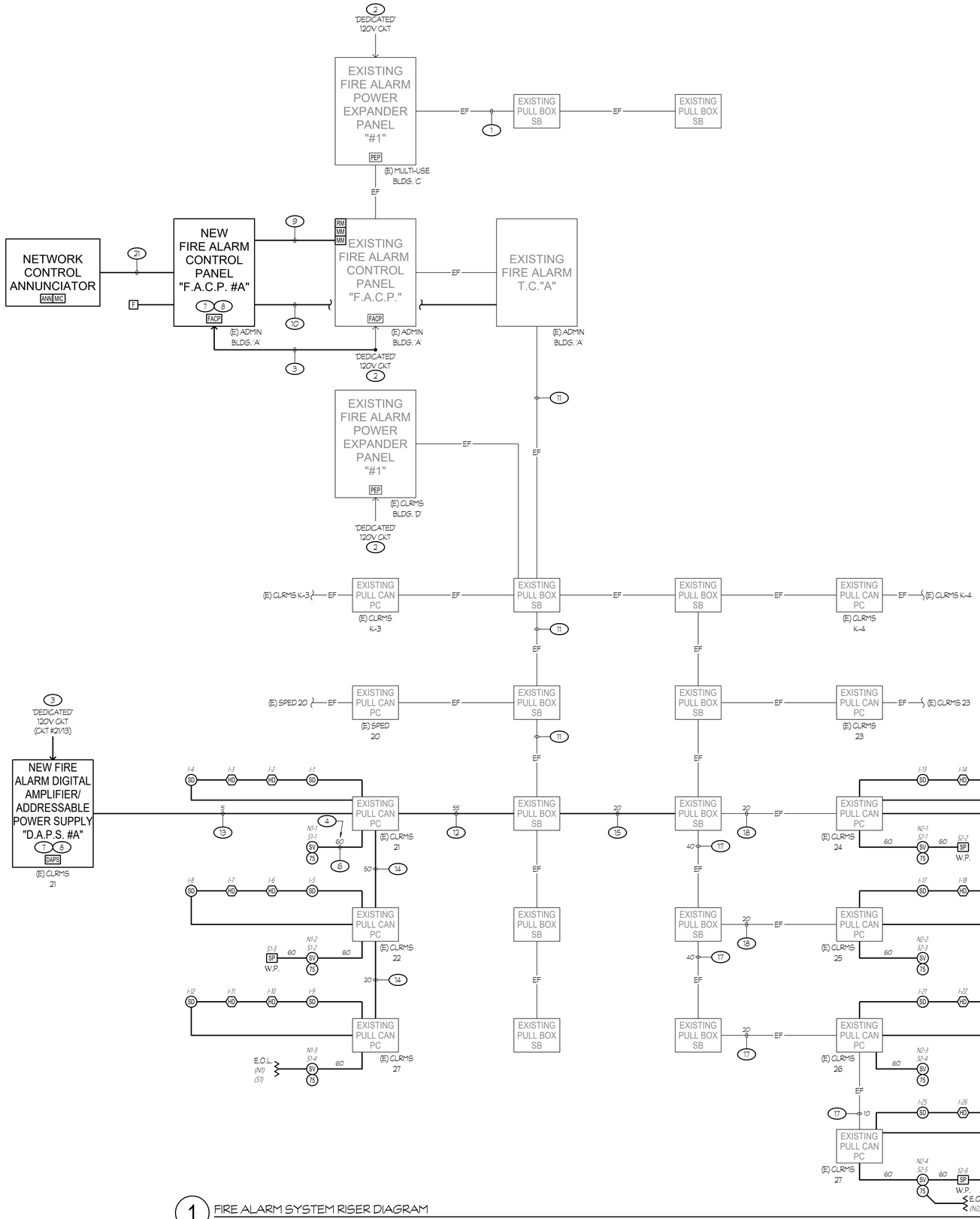
F.A. SYSTEM SPECS, CODES AND NOTES

Job No.: **5682.1**

Sheet No.: **E1.02**

Release: DSA SUBMITTAL Issue Date:

NICOLE CORRIGAN



1 FIRE ALARM SYSTEM RISER DIAGRAM

NTS

NOTES (THIS SHEET ONLY):

1. ——— EF ——— DENOTES THE APPROXIMATE LOCATION OF EXISTING 'FIRE ALARM' FEEDERS AND/OR 'SPARE' CONDUITS.
2. EXISTING CIRCUIT BREAKER IS EQUIPPED WITH A 'RED' LOCK-ON ACCESSORY.
3. EXTEND EXISTING 120V POWER TO NEW F.A.C.P. WITH 1/2"C-2#12 + 1#12 GND.
4. LENGTHS INDICATED WERE USED FOR CALCULATIONS/DESIGN PURPOSES ONLY AND BASED UPON THE 'DIAGRAMMATIC' LAYOUT SHOWN ON THE DRAWINGS. LENGTHS SHALL NOT BE USED FOR BIDDING.
5. DENOTES END OF LINE RESISTOR ON NOTIFICATION APPLIANCE CIRCUIT. RESISTORS SUPPLIED WITH CONTROL/EXPANDER PANELS AS REQUIRED. LOCATE RESISTORS AT END OF LINE APPLIANCES (CLASS 'B' WIRING). TYPICAL.
6. REFER TO RESPECTIVE FIRE ALARM PLANS, ON SHEETS #E1.01, FOR CONDUIT AND CABLING/CONDUCTOR REQUIREMENTS, TYPICAL.
7. PROVIDE A COPY OF THE BATTERY CALCULATION FOR THE 'RESPECTIVE' FIRE ALARM CONTROL PANEL 'F.A.C.P.' THE BATTERY CALCULATION SHALL CONTAIN INFORMATION (AS NOTED ON THESE PLANS) AND BE PLASTIC LAMINATED. MOUNT ONTO INSIDE FACE OF PANEL DOOR.
8. PROVIDE 'END-OF-LINE' RESISTORS AT ANY UNUSED OUTPUTS.
9. 1/2"C-ONE 'FA' CABLE TO MONITOR AND ACTIVATE EXISTING NOTIFIER 500 SYSTEM PANEL. PROVIDE MONITORING OF ALARM CONDITIONS, TROUBLE CONDITIONS, AND ACTIVATION OF ALARM SYSTEM FROM NEW PANEL. PROVIDE NECESSARY CONNECTION BETWEEN RELAY MODULE AND EXISTING PANEL FOR ALARM CONDITION TO ACTIVATE AT EXISTING PANEL.
10. 1-1/2"C-ONE 'SFA' CABLE (SLC) AND ONE 'SFSP CABLE (AUDIO NETWORK).
11. EXISTING CONDUIT - NEW ONE 'SFA' CABLE (SLC) AND ONE 'SFSP CABLE (AUDIO NETWORK). CONTRACTOR SHALL PLAN TO PULL OLD CABLES OUT OF EXISTING CONDUIT AND REPULL WITH NEW CABLES AS REQUIRED.
12. 1-1/2" CONDUIT - TWO 'SFA' CABLES (SLC), THREE 'SFSP CABLES (AUDIO NETWORK + *S2 + S3*), 4 #12 (NAC *N2 + N3*).
13. 1-1/2" CONDUIT - THREE 'SFA' CABLES (SLC), FOUR 'SFSP CABLES (AUDIO NETWORK + *S1 + S2 + S3*), 6 #12 (NAC *N1 + N2 + N3*).
14. 1" CONDUIT - ONE 'SFA' CABLE (SLC), ONE 'SFSP CABLE (*S1*), 2 #12 (NAC *N1*).
15. 1-1/2" CONDUIT - ONE 'SFA' CABLE (SLC), TWO 'SFSP CABLES (*S2 + S3*), 4 #12 (NAC *N2 + N3*).
16. 1-1/2" CONDUIT - ONE 'SFA' CABLE (SLC), THREE 'SFSP CABLES (*S2* LOOP + *S3*), 6 #12 (NAC *N2* LOOP + *N3*).
17. 1" CONDUIT - ONE 'SFA' CABLE (SLC), ONE 'SFSP CABLE (*S2*), 2 #12 (NAC *N2*).
18. 1" CONDUIT - TWO 'SFA' CABLES (SLC) AND TWO 'SFSP CABLES (*S2* LOOP), 4 #12 (NAC *N2* LOOP).
19. 1" CONDUIT - ONE 'SFA' CABLE (SLC), ONE 'SFSP CABLE (*S3*), 2 #12 (NAC *N3*).
20. 1"C STUB FOR FUTURE.
21. 3/4"C - TWO 4/C RS-485 CABLES PER MANUFACTURER'S REQUIREMENTS.

COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

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Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth – (559)733-2671
Visalia, California 93292-6705

REGISTERED PROFESSIONAL ENGINEER — KIRK A. EASTHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

ARCHITECTURE ENGINEERING INTERIOR DESIGN

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LICENSED ARCHITECT — CURTIS E. FLYNN — No. C 28958 — REN. 5-31-27 — STATE OF CALIFORNIA

Sheet Title:

F.A. SYSTEM RISER DIAGRAM

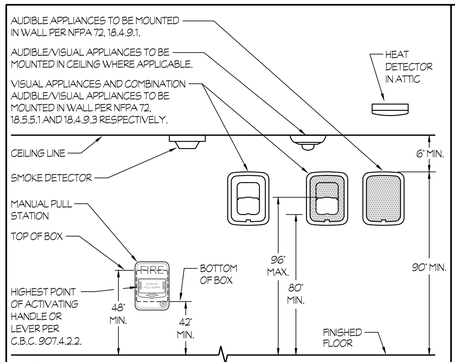
Job No.: **5682.1**

Sheet No.: **E1.03**

Release: DSA SUBMITTAL Issue Date:

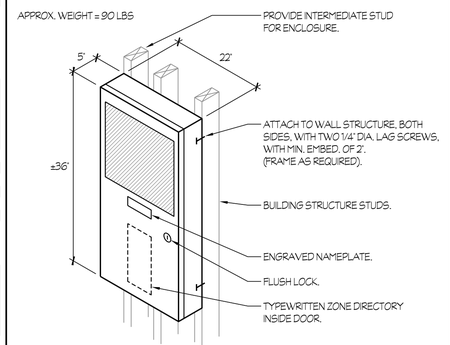
NICOLE CORRIGAN

1" = 40'-0" 120 80 40 0 40
1" = 30'-0" 90 60 30 0 30
1" = 20'-0" 60 40 20 0 20
1/8" = 1'-0" 24 16 8 0 8
1/4" = 1'-0" 12 8 4 0 4
C:\Drafting\Jobs\RSES\SCHOOLS\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 mtls 1 restroom\E1.03.dwg DATE SAVED: 06/10/26 By: Nicole DATE PLOTTED: 06/10/26 JOB #: 26-01501-SE



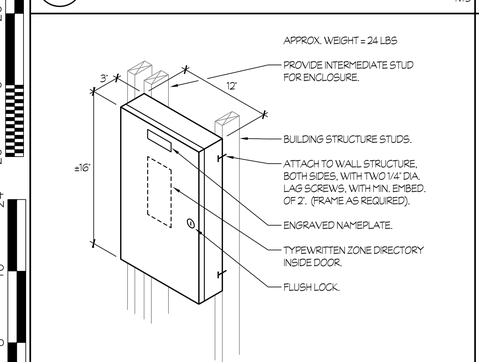
1 FIRE ALARM DEVICES ELEVATION

NTS



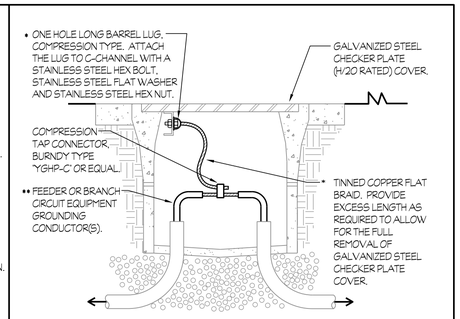
2 FIRE ALARM CONTROL PANEL "F.A.C.P. #A" MOUNTING

NTS



3 FIRE ALARM DIGITAL AMPLIFIER/ ADDRESSABLE POWER SUPPLY "D.A.P.S. #A"

NTS



• THIS TYPICAL WORK SHALL BE PROVIDED FOR EACH SECTION OF A MULTIPLE SECTION COVER.

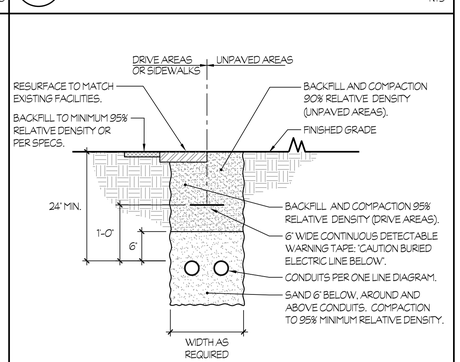
•• THIS TYPICAL WORK SHALL BE DONE FOR EACH OF THE LARGEST FEEDER (OR BRANCH CIRCUIT) EQUIPMENT GROUNDING CONDUCTOR, PASSING THRU THE RESPECTIVE PULL BOX, WHICH ORIGINATE FROM SEPARATE SOURCES/VOLTAGES.

5 GROUNDING AND BONDING OF STEEL CHECKER PLATE COVERS

NTS

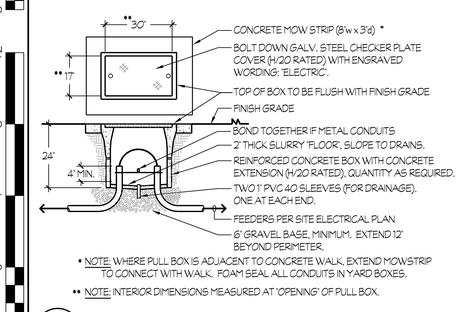
MATRIX FOR TINNED COPPER FLAT BRAID		
SIZE OF EQUIPMENT GROUNDING CONDUCTOR (a)	ALPHA WIRE PART #	OLYMPIC WIRE AND CABLE PART #
#8	1233	708
#6	1235	710
#4	1239	710
#2 THRU #1/0	1240	713
#2/0 THRU #4/0	1241	714

(a) CONTAINED IN THE LARGEST FEEDER (OR BRANCH CIRCUIT) PASSING THRU THE RESPECTIVE PULL BOX.



6 TRENCH DETAIL

NTS



• NOTE: WHERE PULL BOX IS ADJACENT TO CONCRETE WALK, EXTEND MOWSTRIP TO CONNECT WITH WALK. FOAM SEAL ALL CONDUITS IN YARD BOXES.

•• NOTE: INTERIOR DIMENSIONS MEASURED AT 'OPENING' OF PULL BOX.

4 PULL BOX MOUNTING

NTS

VOLTAGE DROP CALCULATIONS (OHM'S LAW)

VOLTAGE DROP = 2 (DC RESISTANCE AT 75°C FROM TABLE 8, C.E.C.) (LENGTH OF CIRCUIT / 1000) (CURRENT I)

PERCENT VOLTAGE DROP = VOLTAGE DROP / NOMINAL VOLTAGE x 100

1. NOTIFICATION APPLIANCE CIRCUIT "N1":

(SV)(75) : 3 x 0.111 A = 0.333 A

0.333 A

VOLTAGE DROP = 2 (1.98) (315 / 1000) (0.333) = 0.42 V.D.

PERCENT VOLTAGE DROP = 0.42 / 24 x 100 = 1.8 %

2. NOTIFICATION APPLIANCE CIRCUIT "N2":

(SV)(75) : 4 x 0.111 A = 0.444 A

0.444 A

VOLTAGE DROP = 2 (1.98) (580 / 1000) (0.444) = 1.02 V.D.

PERCENT VOLTAGE DROP = 1.02 / 24 x 100 = 4.3 %

3. NOTIFICATION APPLIANCE CIRCUIT "N3":

(V)(15) : 4 x 0.041 A = 0.164 A

0.164 A

VOLTAGE DROP = 2 (1.98) (290 / 1000) (0.164) = 0.19 V.D.

PERCENT VOLTAGE DROP = 0.19 / 24 x 100 = 0.8 %

FIRE ALARM CONTROL PANEL "F.A.C.P. #A" BATTERY CALCULATION

DESCRIPTION	QUANTITY	SUPV. CURRENT EACH	SUPV. CURRENT SUB-TOTAL	ALARM CURRENT EACH	ALARM CURRENT SUB-TOTAL
CONTROL PANEL WITH DACT	1	0.54200	0.54200	0.73700	0.73700
MANUAL PULL STATION	1	0.00038	0.000	0.00038	0.00038
SMOKE DETECTOR	18	0.00030	0.00540	0.00030	0.00540
ATTIC HEAT DETECTOR	18	0.00030	0.00540	0.00030	0.00540
MONITOR MODULE	2	0.00035	0.00070	0.00035	0.00070
RELAY MODULE	1	0.00026	0.00026	0.00026	0.00026
TOTALS			0.554		0.749

TOTAL ALARM CURRENT OF 0.749 x 0.250 (15 MINUTES) = 0.187 A.H.
TOTAL SUPERVISORY CURRENT OF 0.554 x 24 HOURS = 13.296 A.H.
TOTAL AMP HOURS REQUIRED 13.483 A.H.
x 1.25 SAFETY FACTOR
16.854 A.H.

PROVIDE 18.0 AMP HOUR BATTERIES

NEW FIRE ALARM DIGITAL AMPLIFIER/ADDRESSABLE POWER SUPPLY "D.A.P.S. #A" BATTERY CALCULATION

DESCRIPTION	QUANTITY	SUPV. CURRENT EACH	SUPV. CURRENT SUB-TOTAL	ALARM CURRENT EACH	ALARM CURRENT SUB-TOTAL
DIGITAL AMPLIFIER	1	0.40000	0.40000	0.55000	0.55000
ADDRESSABLE POWER SUPPLY	1	0.13000	0.13000	0.13000	0.13000
15cd STROBE (CEILING)	4	—	—	0.04100	0.16400
(A) SPEAKER/15cd STROBE (CEILING)	7	—	—	0.11100	0.77700
TOTALS			0.530		1.621

TOTAL ALARM CURRENT OF 1.621 x 0.250 (15 MINUTES) = 0.405 A.H.
TOTAL SUPERVISORY CURRENT OF 0.530 x 24 HOURS = 12.720 A.H.
TOTAL AMP HOURS REQUIRED 13.125 A.H.
x 1.25 SAFETY FACTOR
16.406 A.H.

PROVIDE 18.0 AMP HOUR BATTERIES

(A) THE CURRENT VALUES LISTED ARE FOR THE STROBES ONLY. THE SPEAKER CURRENT IS INCLUDED IN THE VALUES LISTED UNDER THE DIGITAL AMPLIFIER.

SPEAKER dB LOSS CALCULATION

SPEAKER CIRCUIT	SPEAKER VOLTAGE	WIRE SIZE	RESISTANCE PER FOOT	FEET REQUIRED ON CIRCUIT	WIRE RESISTANCE	TOTAL WATTAGE OF SPEAKERS ON CIRCUIT	SPEAKER CURRENT (AMPS)	RESISTANCE OF SPEAKER LOAD	WIRE SIZE	ACTUAL VOLTAGE AT SPEAKER LOAD	ACTUAL WATTS AT SPEAKER LOAD	dB LOSS
S1	70	18	0.01278	315	4.026	5	0.071	980.00	18	69.7136	4.9592	-0.04
S2	70	16	0.0082	580	4.756	8	0.114	612.50	16	69.4606	7.8772	-0.07
S3	70	14	0.0052	290	1.508	2	0.029	2450.00	14	69.9569	1.9975	-0.01

NOTE:
CALCULATION IS BASED ON EACH OF THE 'INTERIOR' SPEAKERS TAPPED AT 1 WATT AND EACH OF THE 'EXTERIOR' SPEAKERS TAPPED AT 2 WATTS.

COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

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REGISTERED PROFESSIONAL ENGINEER — STEVEN KIRK GRAHAM — No. E-18786 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

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Electrical Consultants
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Visalia, California 93292-6705

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LICENSED ARCHITECT — CURTIS E. COVEY — No. C 28966 — REN. 5-31-27 — STATE OF CALIFORNIA

Sheet Title:

F.A. SYSTEM DETAILS AND CALCS.

Job No.: **5682.1**

Sheet No.: **E1.04**

Release: DSA SUBMITTAL Issue Date:

NICOLE CORRIGAN

Z:\Drafting\Jobs\DSA\5682.1 Cesar Chavez 7 relos 1 restroom\E1.04.dwg DATE: SAVED: 06/10/26 BY: Nicole DATE PLOTTED: 06/10/26 JOB # 26-010101-SE

SIGNALS PLAN

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

SCALE: 1/8" = 1'

DEMOLITION NOTES (THIS SHEET ONLY):

1. — — — ES — — — DENOTES THE APPROXIMATE LOCATION OF EXISTING 'SIGNALS' FEEDERS AND/OR 'SPARE' CONDUITS. VERIFY EXACT LOCATION AT SITE.
2. PROVIDE 12" SQ. x 6" DP. SIGNALS PULL ENCLOSURE MOUNTED HIGH ON WALL. ROUTE NEW CONDUITS OUT OF THE BACK OF THE PULL CAN AND SEAL AROUND CONDUIT PENETRATIONS TO PREVENT LEAKAGE INTO BUILDING.
3. TWO 2"C - (2/) CAT6 CABLES TOTAL. ROUTE TO 'IDF-7.'
4. 2"C - (18) CAT6 CABLES TOTAL.
5. 2"C - (9) CAT6 CABLES TOTAL.
6. FIELD VERIFY QUANTITY OF DEVICES WITHIN CLASSROOM THAT HAVE SIGNAL CABLES REQUIRED.
7. 1"C - ONE CAT6 CABLE TO PAGING SPEAKER.
8. PROVIDE ONE WALL MOUNTED PAGING SPEAKER IN WEATHERPROOF ENCLOSURE AT +/- 9'-0" A.F.F..
9. ROUTE ONE CAT6 CABLE TO 'IDF-8' AND CONNECT TO PAGING SYSTEM AS REQUIRED.
10. EXISTING SIGNAL CABLES AND DEVICES NOT EXPECTED TO BE AFFECTED BY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH GENERAL CONTRACTOR.

SIGNALS GENERAL NOTES:

1. PROVIDE CONNECTION OF DATA NETWORK CABLES PER DISTRICT STANDARDS. COORDINATE EXISTING AND ANY NEW TERMINATION LOCATIONS WITH DISTRICT IT PERSONNEL PRIOR TO ROUGH-IN.

2. TYPICAL CLASSROOM EXPECTED TO CONTAIN ONE WIRELESS ACCESS POINT, TWO 2-PORT DATA OUTLET AT TEACHER WORKSTATION, ONE 2-PORT DATA OUTLET AT DISPLAY TV, ONE 1-PORT VOICE OUTLET NEAR ENTRY DOOR, ONE PAGING SPEAKER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DEVICES.

3. CLASSROOMS THAT ARE BEING RELOCATED FROM EXISTING LOCATIONS SHALL HAVE ALL SIGNAL CABLES DISCONNECTED, PULLED INTO UPSTREAM LOCATION, AND MADE SAFE FOR RELOCATION EFFORTS. ALL CABLES SHALL BE REINSTALLED AND RECONNECTED TO TERMINATION POINTS AS REQUIRED. CONTRACTOR SHALL COORDINATE WITH DISTRICT PERSONNEL PRIOR TO CONSTRUCTION.

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Sheet Title:

SIGNALS PLAN

Job No.: **5682.1**

Sheet No.: **E2.00**

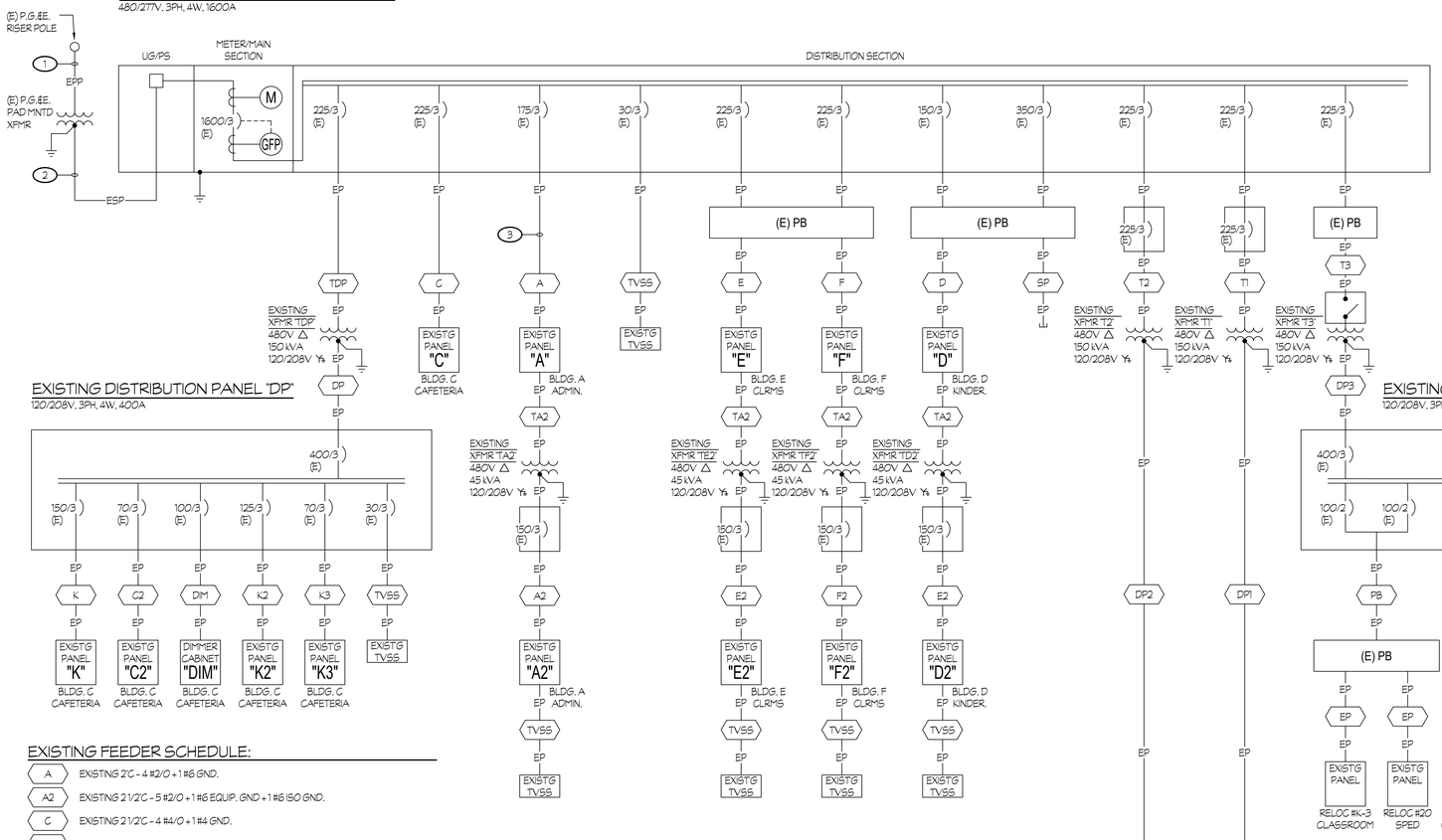
Release: DSA SUBMITTAL — Issue Date:

NICOLE CORRIGAN

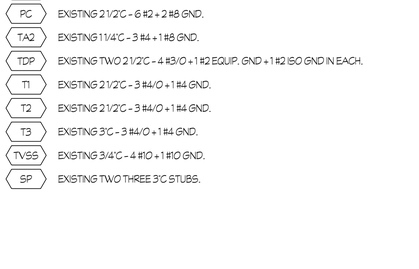
1" = 40'-0" (120, 80, 40, 0, 40)
1" = 30'-0" (90, 60, 30, 0, 30)
1" = 20'-0" (60, 40, 20, 0, 20)
1/8" = 1'-0" (24, 16, 8, 0, 8)
1/4" = 1'-0" (12, 8, 4, 0, 4)

Z:\Drafting\Jobs\RES\5XXX\5XXX.5\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 relos 1 restroom\E2.00.dwg DATE SAVED: 06/19/26 By: Nicole DATE PLOTTED: 06/19/26 JOB # 26-019.01-SE

EXISTING MAIN SWITCHBOARD "MSB"
480/277V, 3PH, 4W, 1600A



EXISTING DISTRIBUTION PANEL "DP"
120/208V, 3PH, 4W, 400A



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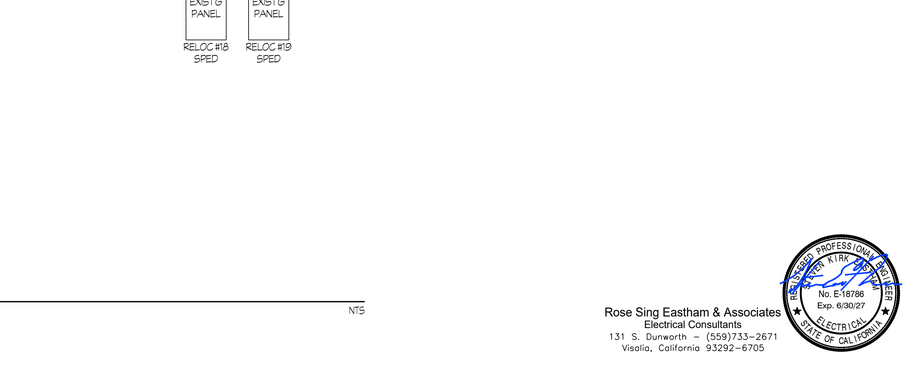

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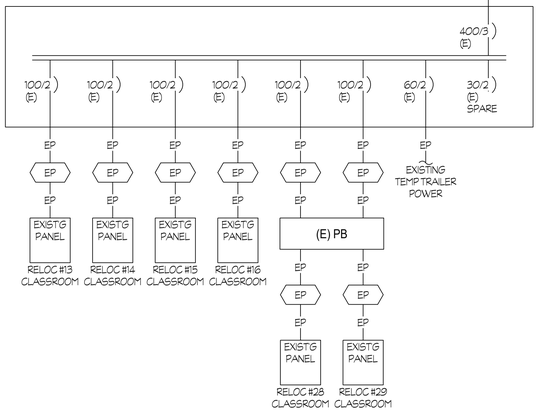

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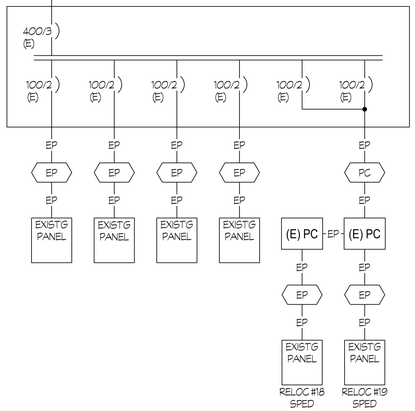

EXISTING FEEDER SCHEDULE:

A	EXISTING 2"C - 4 #2/0 + 1 #6 GND.
A2	EXISTING 2 1/2"C - 5 #2/0 + 1 #6 EQUIP. GND + 1 #6 ISO GND.
C	EXISTING 2 1/2"C - 4 #4/0 + 1 #4 GND.
C2	EXISTING 1 1/4"C - 4 #14 +1 #8 GND.
D	EXISTING 2"C - 4 #1/0 + 1 #6 GND.
D2	EXISTING 2 1/2"C - 5 #2/0 + 1 #6 EQUIP. GND + 1 #6 ISO GND.
DIM	EXISTING 1 1/2"C - 4 #2 + 1 #8 GND.
DP	EXISTING 2 1/2"C - 3 #4/0 + 1 #4 GND.
DP1	EXISTING TWO 2 1/2"C - 4 #3/0 + 1 #2 GND IN EACH.
DP2	EXISTING TWO 2 1/2"C - 4 #3/0 + 1 #2 GND IN EACH.
DP3	EXISTING TWO 2 1/2"C - 4 #3/0 + 1 #2 GND IN EACH.
E	EXISTING 2 1/2"C - 4 #4/0 + 1 #4 GND.
E2	EXISTING 2 1/2"C - 5 #2/0 + 1 #6 EQUIP. GND + 1 #6 ISO GND.
EP	EXISTING 1 1/4"C - 3 #2 + 1 #8 GND.
F	EXISTING 2 1/2"C - 4 #4/0 + 1 #4 GND.
F2	EXISTING 2 1/2"C - 5 #2/0 + 1 #6 EQUIP. GND + 1 #6 ISO GND.
K	EXISTING 2"C - 4 #1/0 + 1 #6 GND.
K2	EXISTING 2"C - 4 #1 + 1 #6 EQUIP. GND + 1 #6 ISO GND.
K3	EXISTING 1 1/4"C - 4 #14 +1 #8 GND.
PB	EXISTING 2"C - 6 #2 + 2 #8 GND.
PC	EXISTING 2 1/2"C - 6 #2 + 2 #8 GND.
TA2	EXISTING 1 1/4"C - 3 #4 + 1 #8 GND.
TDP	EXISTING TWO 2 1/2"C - 4 #3/0 + 1 #2 EQUIP. GND + 1 #2 ISO GND IN EACH.
T1	EXISTING 2 1/2"C - 3 #4/0 + 1 #4 GND.
T2	EXISTING 2 1/2"C - 3 #4/0 + 1 #4 GND.
T3	EXISTING 3"C - 3 #4/0 + 1 #4 GND.
TVSS	EXISTING 3/4"C - 4 #10 + 1 #10 GND.
SP	EXISTING TWO THREE 3"C STUBS.

ONE LINE DIAGRAM NOTES (THIS SHEET ONLY):

1. ——EPP—— DENOTES EXISTING P.G.&E. 'PRIMARY' CONDUIT AND CONDUCTORS.
2. ——ESP—— DENOTES EXISTING P.G.&E.. 'SECONDARY' CONDUIT AND CONDUCTORS.
3. ——EP—— DENOTES EXISTING FEEDER TO REMAIN.
4. PROVIDE NEW CIRCUIT BREAKER, AMP RATING AS NOTED, MATCH EXISTING A.I.C.
5. PROVIDE WEATHERPROOF SPLICE KIT (BURNDY UGSKIT OR EQUAL, SIZE AS REQUIRED).
6. 1#8 GND. PER DETAIL #3/EG1.00. FIELD VERIFY GROUND AND PROVIDE AS REQUIRED.

NEW FEEDER SCHEDULE:
(ALL UNDERGROUND CONDUCTORS, OF A 480/277V POWER SYSTEM, SHALL BE TYPE CU-XHHW-2. ALL OTHER CONDUCTORS, INCLUDING THE EQUIPMENT GROUNDING CONDUCTOR, SHALL BE CU-THWN-2 FOR #8 AWG OR LARGER AND CU-THWN FOR #10 AWG OR SMALLER).

100GN1	1-1/2"C - 3 #2 + 1 #8 GND.
60GN1	1-1/4"C - 3 #6 + 1 #8 GND.
SP1	TWO 2" CONDUIT (FUTURE).

1 ONE LINE DIAGRAM — NTS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

7 RELOCATABLE CLASSROOMS & 1 RELOCATABLE TOILET BLDG

Project Address:

CESAR CHAVEZ ELEMENTARY SCHOOL
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

integrated designs
by SOMAM, Inc.

ARCHITECTURE ENGINEERING INTERIOR DESIGN

6011 N. FRESNO STREET, SUITE 130
FRESNO CALIFORNIA 93710
P:(559) 436-0881 F:(559) 436-0887
E: design@somam.com
integrateddesigns.com

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Stamp:

LICENSED ARCHITECT — CURTIS E. FLYNN — No. C 28958 — REN. 5-31-27 — STATE OF CALIFORNIA

Sheet Title:

ONE LINE DIAGRAM

Job No.: **5682.1**

Sheet No.: **E3.00**

Release: DSA SUBMITTAL — Issue Date:

Rose Sing Eastham & Associates
Electrical Consultants
131 S. Dunworth – (559)733-2671
Visalia, California 93292-6705

REGISTERED PROFESSIONAL ENGINEER — KIRK A. EASTHAM — No. E-18786 — Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

NICOLE CORRIGAN

C:\Drafting\Jobs\RSES\SOMOS\Bakersfield\Bakersfield City School District\5682.1 Cesar Chavez 7 mtbs 1 restroom\E3.00.dwg DATE SAVED: 06/10/26 By: Nicole DATE PLOTTED: 06/10/26 JOB #: 26-01501-SE

BUILDINGS 21 & 22

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

American Modular Systems Inc.

24 X 40 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY SCHOOL DISTRICT

TEST AND INSPECTION LIST

TESTING LABORATORY: _____ DATE: _____

NAME: _____

DISTRICT/OWNER: _____

DIVISION–FILE NO. _____ APPLICATION NO. _____

ARCHITECT: _____

STRUCTURAL ENGINEER: _____

STATE OF CALFORNIA
DEPT. OF GENERAL SERVICES
DIVISION OF THE
STATE ARCHITECT

STRUCTURAL
TESTS
AND
INSPECTIONS

ORS 103–1 (R 11/85)

The following tests and inspections, as checked, will be required as detailed in applicable specifications.

	CON-CRETE	GUNITE	GROUT	MORTAR	
COMPACTED FILL					
Fill material, acceptance tests					
Compaction control, continuous					
Compaction tests only as ordered					
Bearing capacity of compacted fill					
REINFORCING STEEL					
☒ Sample and test bar steel					
Sample and test mesh					
Inspect placing at job					
STRUCTURAL STEEL					
☒ Sample and test as detailed below					
Shop fabrication inspection					
Field erection inspection					
☒ Inspection of welds – Shop					
Inspection of welds – Field					
Inspection of riveting or bolting – Shop					
Inspection of riveting or bolting – Field					
Sample and test high strength bolts and washers					
BRICK AND BLOCK					
Sample and test					
Test only					
Inspection of placing					
Core drill samples					
GLUED LAMINATED STRUCTURAL LUMBER					
Fabrication inspection					
Sample and test steel accessories					
Inspect fabrication of steel accessories					
					Test of aggregates for mix design only
					Suitability tests of aggregates as detailed below
					Mix designs
					Continuous batch plant inspection
					Inspect placing
					Sample _____
	☒				Compressive tests
					Pick up samples at job
					Samples delivered to laboratory
					Deliver sample forms to jobsite
					Sample and test cement

SUITABILITY TESTS	CONCRETE MATERIALS	GUNITE	MORTAR	GROUT
Sodium sulphate				
Structural strength				
Los Angeles rattler				
Clay (hydrometer method)				
Reactivity tests				
Volume change				

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH, PSI, MINIMUM 28 DAYS
CONCRETE	1 1/2"	2500
CONCRETE	1 1/2"	3500

List of structural steel members to be tested:

3 1/2" x 3 1/2" x 1/4" SQ. COL.
C7X9.8
10 ga. & 12 ga. ROOF CEE
6 7/8" X 14 GA. FL. JOISTS 6"x14 ga. ROOF JOIST
6 7/8" x 12 ga. ALT. FL. JOIST 4"x12 ga. ALT. ROOF JOIST
3 1/2" x 10 ga. ALT. ROOF JOIST
2"x16" ga. STRAPS
3"x18" ga. ALT. STRAPS

TESTING MAY BE WAIVED IF STEEL HAS BEEN PROPERLY IDENTIFIED BY MFR'S MILL ANALYSIS AND TEST REPORTS PER TITLE 24, C.C.R., SECTION 2231.A.1

Other Tests and Inspections, together with special instructions:

GROUNDING TEST
EXPANSION ANCHORS
EPOXY ANCHORS

Copies of Reports to:

DSA/ORS
AMERICAN MODULAR SYSTEMS, INC.
SCHOOL DISTRICT
ARCHITECT

By: _____
AUTHORIZED REPRESENTATIVE

INDEX

SHEET No.	DESCRIPTION
21-TS-1	TITLE & BUILDING DATA NOTES
~~N–1~~	~~GENERAL NOTES AND SPECIFICATIONS~~
21-1	FLOOR PLAN & NOTES
2	EXTERIOR ELEVATIONS
~~3~~	~~CEILING GRID, DETAILS AND NOTES~~
~~4~~	~~INTERIOR ELEVATIONS AND OPTIONS~~
21-S1	WOOD FOUNDATION PLANS
~~S1D~~	~~CONCRETE FOUNDATION PLANS 50 PSF FLOOR LIVE LOAD & 100 PSF LIVE LOAD~~
~~S1F~~	~~CONCRETE FOUNDATION DETAILS~~
21-S2	FLOOR FRAMING PLAN AND DETAILS
21-S2A	BUILDING SECTIONS AND WALL DETAILS
S3	ROOF FRAMING PLANS AND DETAILS
21-S3A	ROOF SECTIONS & DETAILS
~~S4~~	~~WALL FRAMING ELEVATIONS & FRAME DETAILS~~
~~M1~~	~~MECHANICAL PLAN & NOTES~~
~~E1~~	~~ELECTRICAL PLAN & NOTES~~
~~T–24~~	~~ENERGY MANDATORY MEASURES~~

BUILDING DATA
CLASSROOMS

OCCUPANCY	E–1/B → B OCCUPANCY USES TO MEET THE REQUIREMENTS OF CBC TABLE 3–A AND CBC TABLE 5–A
TYPE OF CONSTRUCTION	V – NON–RATED
WIND LOAD (80 MPH EXPOSURE C)	21 LBS/SQ FT
FLOOR LIVE LOAD	50 LBS/SQ FT.
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE) THIS STRUCTURE IS DESIGNED TO SUPPORT A FIRE SPRINKLER SYSTEM
BUILDING AREA	960 SQ FT
CLIMATE ZONES	1–16

2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)

2001 CALIFORNIA BUILDING CODE, VOLUMES 1, 2 AND 3 (PART 2, TITLE 24, CCR)
(1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
(1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)
(2000 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)
(2000 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)

2001 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)

2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)

2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)

NFPA 13, 1999 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED

NFPA 14, 2000 EDITION, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS

NFPA 24, 1995 EDITION, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES

NFPA 72, 1999 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED

MODULES	MOMENT–RESISTANT
SYSTEM	(2) 12' X 40' MODULES
FOUNDATION	CONCRETE
SEISMIC	ZONE 4

SEISMIC SOURCE A
DISTANCE FROM SEISMIC SOURCE ≤ 2 KM
SOIL TYPE S_e

CBC 2001

FILE NO. PC

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OFFICE OF REGULATION SERVICES
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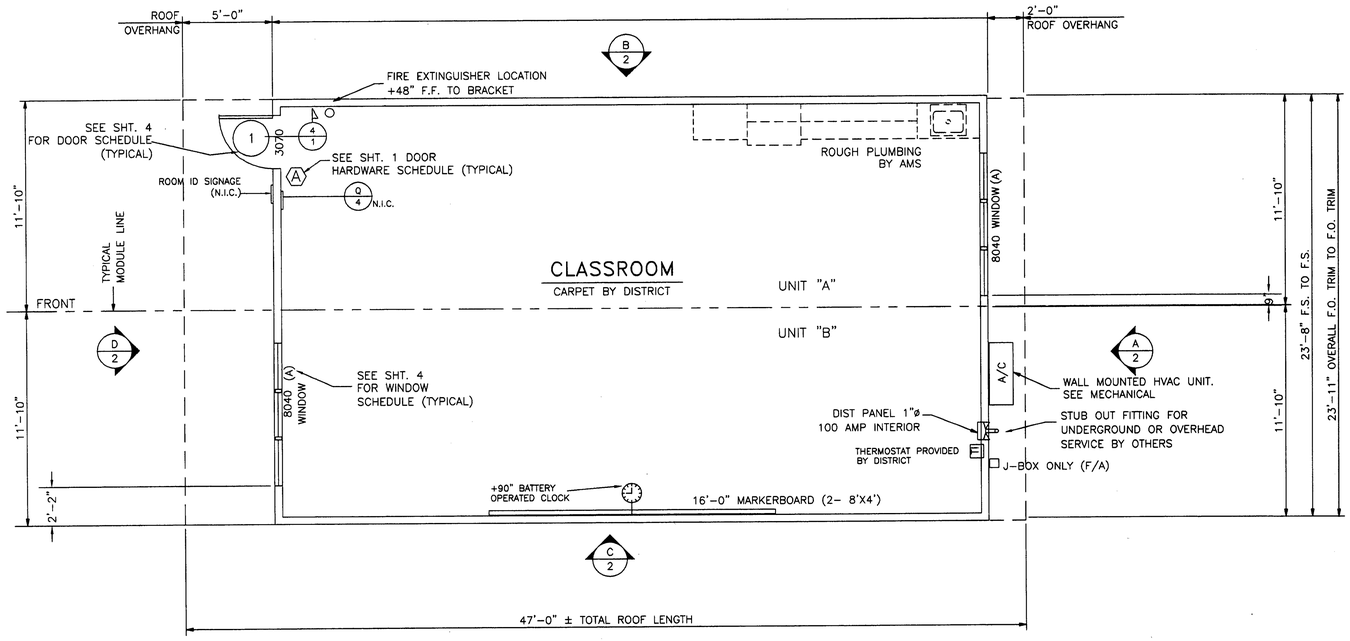
APP03-109008
AC ☑ FLS ☑ SS ☑
DATE JUN 16 2005

BASED ON PC# 02–104915

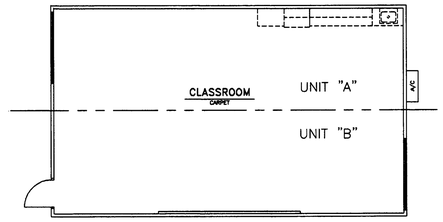
American Modular Systems Inc.
787 Spreckels Ave. Manteca, CA 95336
(209)825–1921 Fax (209)825–7018
americanmodular.com

JOB NO.
DATE:NOVEMBER 12, 2003
SHEET NUMBER
21-TS-1
BINDING ORDER 1



NOTES
INTERIOR

1. Floor: Carpets – Units shall be carpeted as indicated on floor plan with direct glue down type per State of California Specification 7220-XXX-01, Group 1, Type A, Class 26. Color will be selected by District after award of bid. The carpet density shall be 4600 minimum. Pile yarn shall be branded nylon. No cross seams shall be allowed.Carpet installation shall comply with CBC 1124B.2, 1124B.3



OPTIONAL FLOOR PLAN
SCALE:1/8"=1'-0"

2. Base: Resilient Cove Base – Best quality, moulded rubber, 1/8" thick, 4" high, moulded top set Cove: Provide preformed base for square external corners and preformed end stops where base does not abut. Solid color as manufactured by "Johnsonite Co." , Flexco, or equal. Apply cove to complete perimeter of classroom.
3. Interior walls shall be vinyl covered tackboard U.N.O. applied in one continuous length from floor to ceiling. The tackboard shall be industrial insulation board manufactured specifically as a substitute for vinyl covered wall panels. The board shall be asphalt free, shall have an ironed-on coating and shall have a minimum density of 18 lbs. per ft. The vinyl coating shall be made of virgin vinyl calendered base color, weighing a minimum of 8 oz. per square yard. The coating backing shall be sheeting or non-woven fabric. The vinyl coating shall be mechanically laminated, with the long edges wrapped, to the tackboard. Tackboard shall be applied over 1/2" sheetrock or 3/8" plywood sheathing. The vinyl wall covered panel shall have a Class III flame spread rating. The panel shall be approved for classroom use by The California State Fire Marshal. Reference brand: Vinyl covered tackboard as manufactured by Chatfield-Clarke or comparable. Care shall be taken in mounting the tackboard so that the texture of all panels will have the same orientation and color match.
4. Ceiling: Suspend T-Bar System, see sheet 3 for details etc. Materials and installation per CBC 2501.A.5 and IR #M-3 inclusive as applicable to classrooms.

DOORS & WINDOWS

Exterior Doors: Metal Doors – 3'-0"x7'-0" hollow metal door construction of 1 sheet of 18 ga. steel assembled per CS242 min and reinforced. (Reinforce both faces for closure) provide flush top on doors. Hardware reinforcement shall be 10 ga. min. for hinges, door frame shall be 16 ga. pressed steel frame ASTM A366 & C5242. Hardware reinforcement shall be 10 ga. plate. Frames shall be designed with integral stop and trim. Provide (3) anchors per jamb.

Interior Doors: 3'-0"x7'-0" Birch clear finish solid core door.

Exterior Windows: Provide anodized aluminum frame 5/8" minimum dual pane window units, as shown on floor plans. The 5/8" dimension is the minimum thickness for the dual glazed window panel consisting of two lights of glass and the air space. Glazing material shall be:

Exterior Lite – 3/16" minimum tempered glass or laminated as – 1 glass of solar gray glare reducing type with a light transmission factor of 45% maximum.

Interior Lite – 1/8" minimum clear tempered.

Minimum air space shalle be 1/4".
Space – Bent or sealed corner aluminum with desiccant

Sealer – Butyl primary seal and polysulfide of silicone secondary seal.

Certification – All glazing to be certified in accordance with ASTM E-773, E-774.

Header height shall be the same as the door. All operable sash shall have aluminum screens. Windows shall not be mounted to the exterior plywood surface. All windows shall meet the AAMA GS101-88 voluntary spec. For aluminum prime windows and sliding glass (ANS1), commercial grade.

DOOR HARDWARE SCHEDULE

A	EXTERIOR DOOR LOCKSET W/ LEVER RHODES SCHLAGE D70PD
B	INTERIOR PASSAGE LOCK SCHLAGE AL10 W/ SATURN LEVER
C	INTERIOR PRIVACY LATCH SCHLAGE A40S W/ SATURN LEVER

Exterior Door
A) Hinges: Hager 4-1/2X4-1/2 butts. BB1276 US26D,1-1/2 pair each door with set screw in barrel and ball bearing design
C) Closer: Norton 8500DA or 8500BF series, LCN 1460 Del series or equal. (5 lbs. max. pressure)
D) Weatherstripping: All exterior doors shall be weatherstripped with Pemko 2990, Ultra WS007, at door jambs and head or equal.
E) Threshold: Threshold shall be Pemko 271 AV 5" aluminum with Pemko 216 AV Ultra TH042 door bottom.

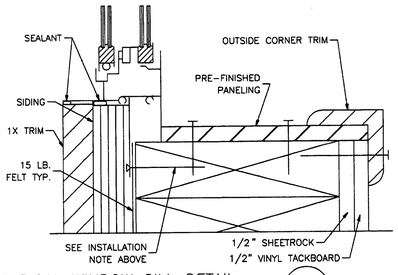
FIRE EXTINGUISHER

1. Each portable classroom shall be equipped with pressure type fire extinguishers with 2A10BC UL rating. To be mounted on the interior wall of the building near the doorway(s) at a height of 4 feet to mounting bracket. Fire extinguishers shall be totally charged and have a dial indicating the state of charge.

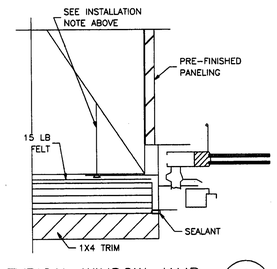
MARKERBOARD SPECIFICATIONS

Chalkboards(standard) shall have green facing sheet. Markerboards(extra cost option)
Markerboards shall be 5 mil thick melamine facing sheet suitable to accept dry erase felt markers. The facing sheet shall be laminated, using hot melt adhesive, to a medium density particleboard substrate with a minimum density of 45#/c. ft. The panel shall have a foil backing. The panels shall have extruded aluminum molding and chalkrail with a minimum of 2-15/16" projection from the face of the panel. A full length map rail shall be provided with cork insert and end stops. The map rail and chalkrail are to incorporate a channel to wrap around the panel. Three (3) map hooks, with clips, perpanel shall be provided. One flag holder, 1/2" size, shall be provided for each classroom. Each classroom shall be 2 ea. 4x8 panels installed side by side to make a 4x16 panel, centered on one of the long walls. Referenced brand: Chatfield-Clarke Co. series 500. Attach directly to studs and blocking W/#8x3" oval head wood screw @ 32" o.c. horizontally and @ 24" o.c. vertically.

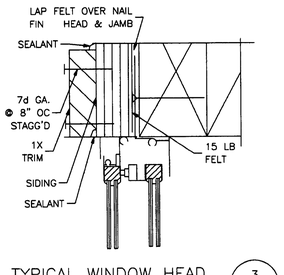
TYPICAL EXTERIOR WINDOW INSTALLATION NOTE:
SEE MANUF. SPECS FOR INSTALLATION
USE .131" X 2 1/2" @ 16" O.C. VERTICALS
USE .131" X 2 1/2" @ 24" O.C. HORIZONTALS



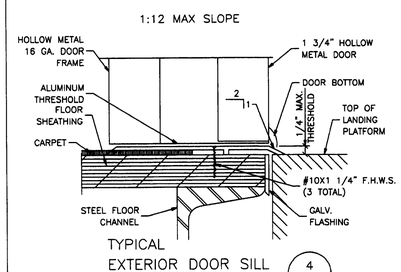
TYPICAL WINDOW SILL DETAIL 1/1 — NO SCALE



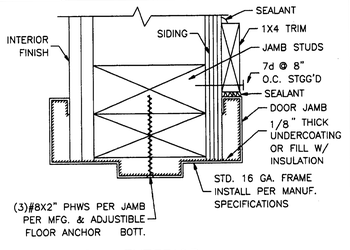
TYPICAL WINDOW JAMB 2/1 — NO SCALE



TYPICAL WINDOW HEAD 3/1 — NO SCALE

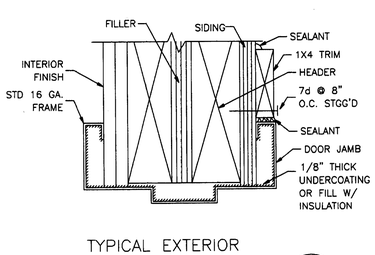


TYPICAL EXTERIOR DOOR SILL 4/1 — NO SCALE



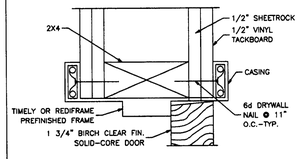
TYPICAL EXTERIOR DOOR JAMB 5/1 — NO SCALE

NOTE: SEE MANUFACTURES SPECS FOR INSTALLATION.



TYPICAL EXTERIOR DOOR HEAD 6/1 — NO SCALE

NOTE: SEE MANUFACTURES SPECS FOR INSTALLATION.



TYPICAL INTERIOR DOOR HEAD/JAMB 7/1 — NO SCALE

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DATE: 08/20/2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03-109006
AC. ☑ FLS. ☑ SS
DATE JUN 15 2006

LICENSED ARCHITECT
CHRISTOPHER A. CHRISTENSEN
No. C 12631
Ren. 12-31-07
STATE OF CALIFORNIA

BASED ON PC# 02-104915

FILE NO.
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
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DATE____

24 X 40
RELOCATABLE
CLASSROOMS

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

CUSTOMER:
BAKERSFIELD CITY SCHOOL DISTRICT

FLOOR PLAN & NOTES

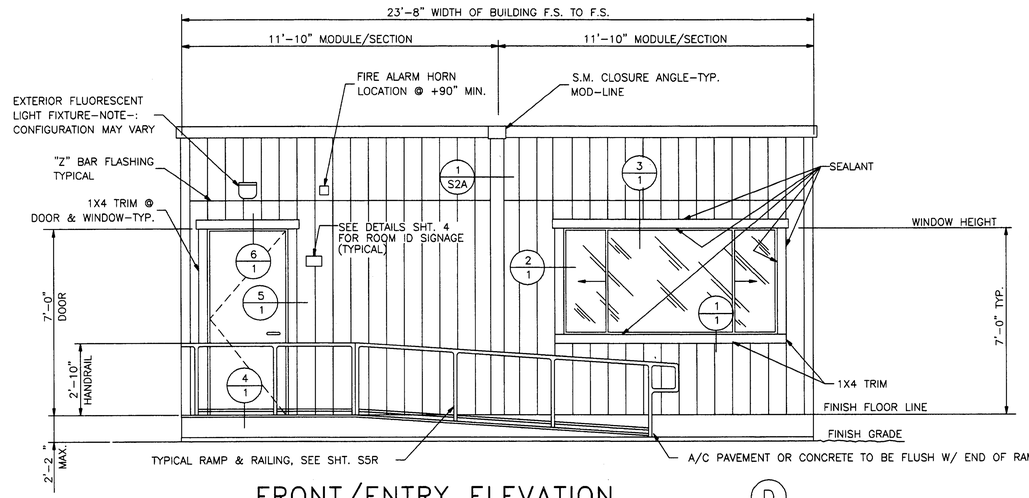
DATE: 05/20/05
SCALE: NONE
DRAWN BY: RS
CHECKED BY:
CHECKED BY:
SERIAL NO.

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			5		
2			6		
3			7		
4			8		

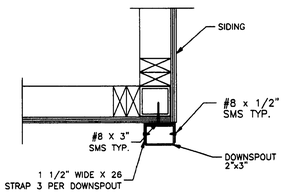
PROJECT No.

SHEET No.
21-1



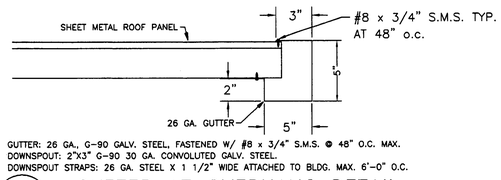
FRONT/ENTRY ELEVATION (D)

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



3/2 DOWNSPOUT DETAIL

1 1/2"=1'-0"



GUTTER: 26 GA., G-90 GALV. STEEL, FASTENED W/ #8 x 3/4" S.M.S. @ 48" O.C. MAX.
DOWNSPOUT: 2"x3" G-90 30 GA. CONVOLUTED GALV. STEEL.
DOWNSPOUT STRAPS: 26 GA. STEEL X 1 1/2" WIDE ATTACHED TO BLDG. MAX. 6'-0" O.C.

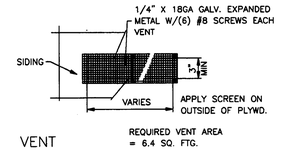
2/2 GUTTER AT OVERHANG DETAIL

ROOM ID SIGNAGE

SEE SHEET 4 DETAILS E/4 & 1/4

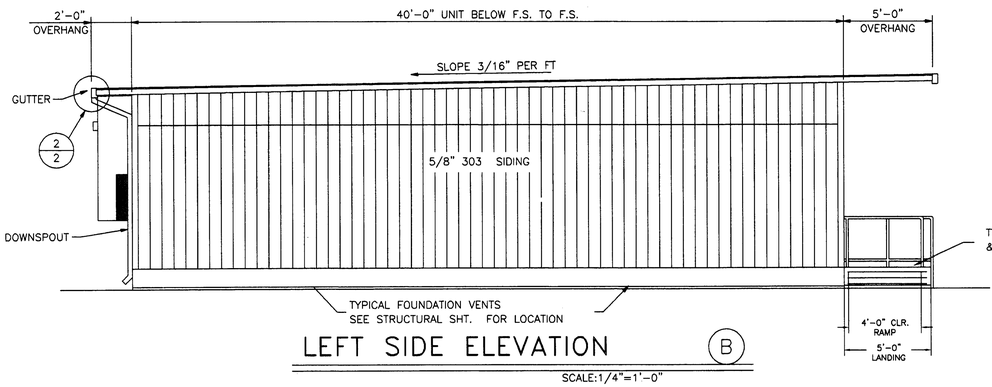
NOT A PART OF THIS CONTRACT (NOT PROVIDED BY A.M.S.)

NOTE:
WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS OR SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH THE FOLLOWING: CONTRACTED GRADE 2 BRAILLE SHALL BE USED. DOTS SHALL BE 1/10 INCH ON CENTER IN EACH CELL WITH 2.7/10 INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM 1/40 INCH ABOVE BACKGROUND. SIGNS SHALL BE INSTALLED ON WALL ADJACENT TO LATCH OUTSIDE OF DOOR. WHERE THERE IS NO SPACE ON THE LATCH SIDE, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTER OF THE SIGN.



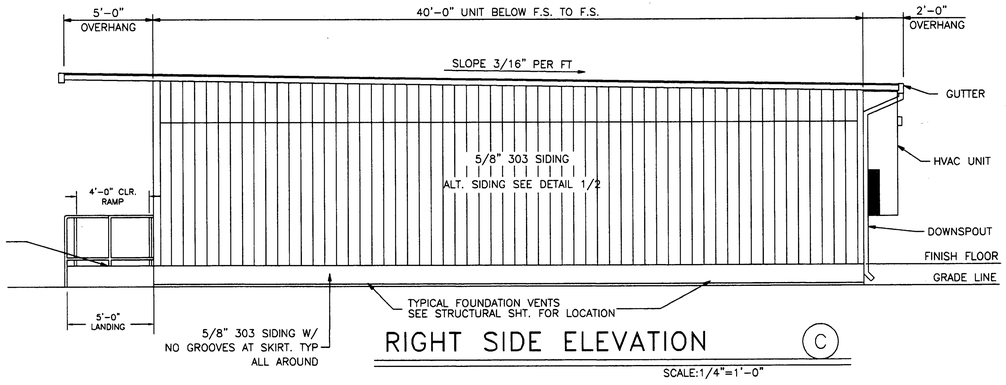
VENT DETAIL — NO SCALE

SEE SHT. S1A, S1B OR S1C FOR NUMBER OF VENTS AND LOCATIONS. THIS DETAIL IS FOR WOOD FOUNDATIONS ONLY.



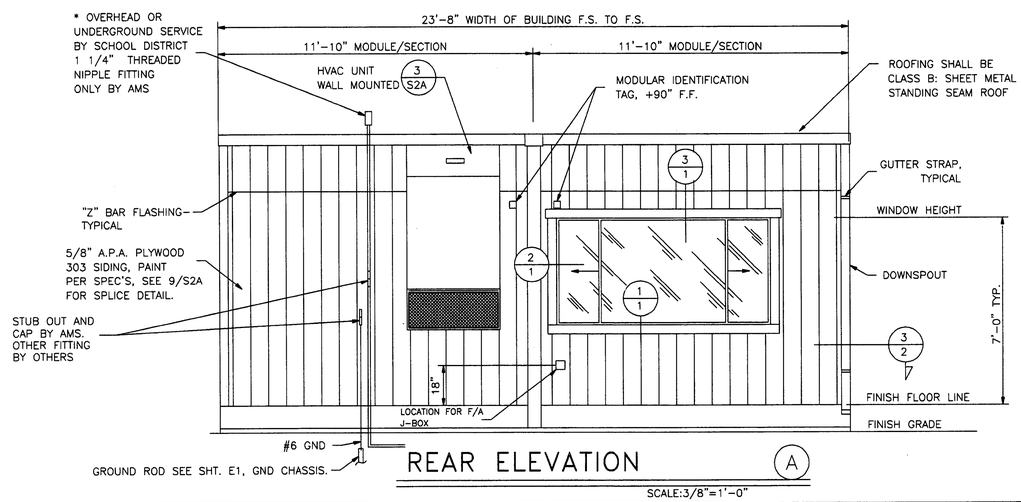
LEFT SIDE ELEVATION (B)

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



RIGHT SIDE ELEVATION (C)

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



REAR ELEVATION (A)

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

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APP: 03-126207 INC:
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DATE: 08/20/2026

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APP03-199906
AC FLS SS
DATE JUN 15 2006

LICENSED ARCHITECT — RAMAKRISHNA SUBRAMANIAN — No. C 12531 Ren. 3-31-07 — STATE OF CALIFORNIA

FILE NO.
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AC.____ FLS.____ SS.____
DATE____

BASED ON PC 02-104915

24 X 40
RELOCATABLE
CLASSROOMS

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

CUSTOMER:
BAKERSFIELD CITY SCHOOL DISTRICT

EXTERIOR ELEVATIONS

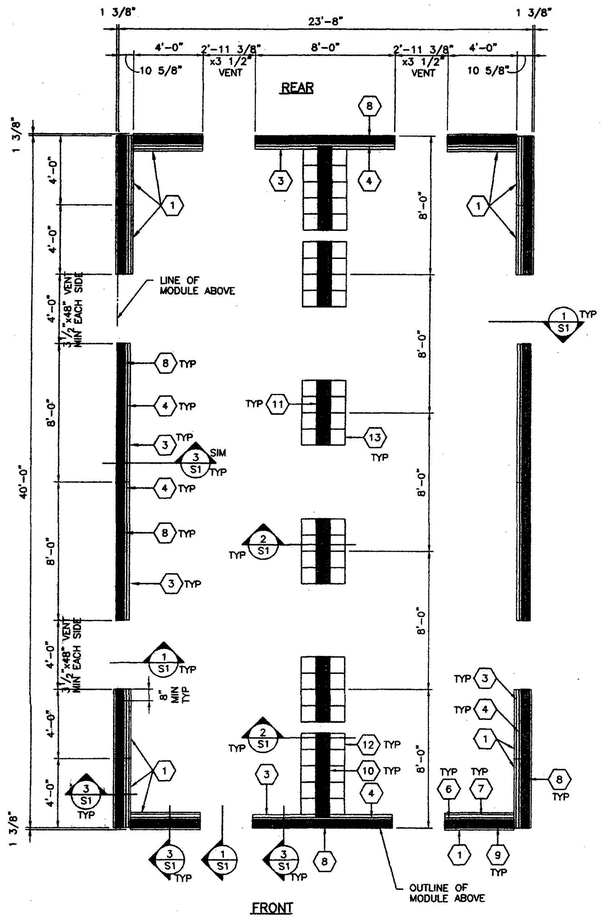
DATE: 003/10/05
SCALE: NONE
DRAWN BY: RS
CHECKED BY:
CHECKED BY:
SERIAL NO.

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			4		
2			5		
3			6		

PROJECT No.

SHEET No. 21-2



FOUNDATION PLAN

A / S1 — 1/4" = 1'-0"

NOTES:

1. TOP OF WOOD PADS TO BE LEVEL.
2. DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES.
3. SITE TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE.
4. FOUNDATION PLYWOOD TO BE CUT PERPENDICULAR TO THE FACE GRAIN.
5. PER THE CONTRACT OF THIS PROJECT–THE BUILDING PAD MUST BE A MINIMUM OF 30'x50' AND SHALL NOT EXCEED 6" OUT OF LEVEL IN ANY DIRECTION.
6. VENT AREA REQUIRED=$\frac{960 \text{ SF}}{150}$=6.4 SF
   VENT AREA PROVIDED=6.4 SF

SILL RESTRAINT:

ON SOIL: 1"ø HOT DIPPED GALV PIPE W/ 12" MIN PENETRATION BELOW SOIL SURFACE @ 10'–0" OC, MIN 2 EA 2x ℄. DRILL SILL 1 1/4"ø MAX. PIPE MAY BE DRIVEN MAX 45° ANGLE TO VERTICAL.

ON A/C PAVING: 1"ø HOT DIPPED GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'–0" OC, MIN 2 EA 2x ℄. DRILL SILL 1 1/4"ø MAX. ALT: 60d HOT DIPPED GALV NAILS THRU PREDRILLED SILL ℄ @ 32" OC.

ON CONC PAVING: 1"ø HOT DIPPED GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'–0" OC, MIN 2 EA 2x ℄. DRILL SILL 1 1/4"ø MAX. ALT: 1/2"ø HILTI KBII's THRU SILL ℄ W/ 3 1/2" MIN CONC EMBEDMENT @ 5'–0" OC MAX.

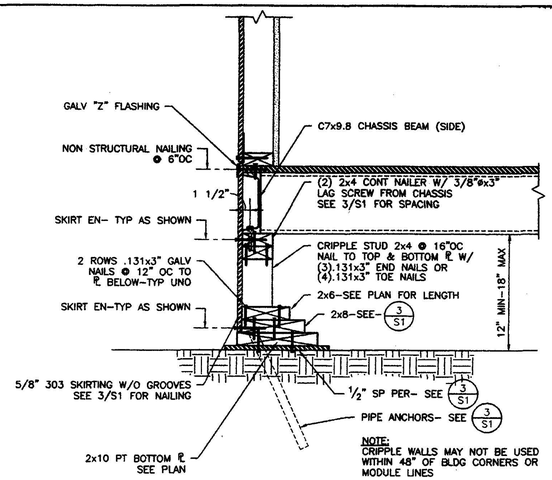
FOUNDATIONS:

ALL FOUNDATION MATERIALS IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED EXCEPT SHIMS MAY BE REDWOOD, HEM FIR OR CEDAR. PRESSURE TREATED DOUGLAS FIR, HEM FIR, PLYWOOD ETC. SHALL BE VERIFIED BY A CERTIFICATE OF TREATMENT STATING: "THE MATERIAL IN THIS UNIT WAS TREATED PER 2001 CALIFORNIA BUILDING CODE. ALL MATERIAL FOR USE IN GROUND CONTACT SHALL BE STAMPED "FOR GROUND CONTACT" (LP22). ALL MATERIAL NOT USED IN GROUND CONTACT SHALL BE HF℄2 OR DF℄2 "FOR ABOVE GROUND USE." THE IN–PLANT INSPECTOR SHALL VERIFY THAT ALL PRESSURE TREATED FOUNDATION MATERIAL IS CUT FROM AWPB STAMPED STOCK AND THAT ALL CUTS AND HOLES ARE RE–TREATED PER SPECIFICATIONS. LP–2 AND LP–22 MATERIAL SHALL BE BANDED SEPARATELY FOR SHIPMENT TO THE JOB SITE. THE IN–PLANT INSPECTOR'S VERIFICATION OF EACH BANDED UNIT SHALL BE ATTACHED TO THE MATERIAL.
CONCRETE OR CONCRETE BLOCK FOUNDATIONS ARE NOT ALLOWED. THE FOOTING DESIGN SHALL PROVIDE FOR SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN TOLERANCE ALLOWED.
INSTALLATION SHALL BE PERMITTED ON EITHER SOIL, CONCRETE OR A/C PAVING, HAVING SUITABLE DESIGN BEARING CAPACITY. THE BUILDINGS SHALL BE SECURELY FASTENED TO THE FOUNDATIONS. THE FOUNDATIONS AND THE METHOD OF FASTENING SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND DSA. PADS SHALL BE DESIGNED FOR A MAXIMUM OF 1000 PSF LOAD ON THE SOIL. PADS SHALL NOT BE PLACED ON TURF.

LEGEND

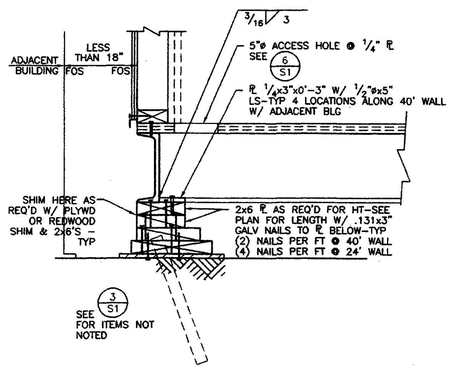
1. 1/2"x12" WIDE x 48" LONG, UNO ON PLAN, PT STRUCTURAL PLYWOOD W/ FACE GRAIN IN SHORT DIRECTION (CDX PLYWOOD)
2. NOT USED
3. 2x10x8'–0" LONG, UNO ON PLAN, PT ℄ ALT. 2x10 REDWOOD
4. 2x8x8'–0" LONG, UNO ON PLAN, ℄
5. NOT USED
6. 2x8x4'–0" LONG, UNO ON PLAN, ℄
7. 2x10x4'–0" LONG, UNO ON PLAN, ℄ (PT ℄ WHERE PLYWOOD DOES NOT OCCUR)
8. MULTIPLE 2x6x8'–0" LONG, UNO ON PLAN, AS REQ'D FOR HEIGHT
9. MULTIPLE 2x6x4'–0" LONG, UNO ON PLAN, AS REQ'D FOR HEIGHT
10. 2x10 ℄ W/ SHIM, SEE 2/S1
11. 2x10 BLKG, SEE 2/S1
12. (4) 2x12x2'–0" PT ℄ OR (5) 2x10x2'–0" PT ℄ OR (6) 2x8x2'–0" PT ℄, SEE 2/S1
13. (4) 2x12x2'–0" PT ℄ OR (4) 2x10x2'–0" PT ℄ OR (5) 2x8x2'–0" PT ℄, SEE 2/S1

• 1" ø GALV. PIPE LOCATIONS–TYPICAL



FOUNDATION DETAIL

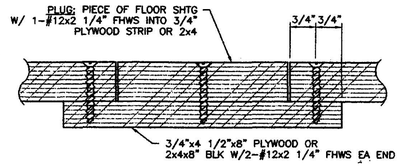
4 / S1 — 1 1/2" = 1'–0"



OPTIONAL FOR BUILDING PLACES LESS THAN 18" APART

FOUNDATION DETAIL

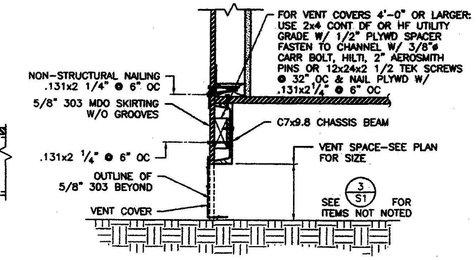
5 / S1 — 1 1/2"=1'–0"



FILLER ACCESS HOLE

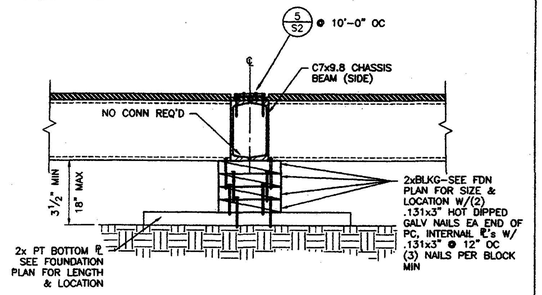
DETAIL

6 / S1 — NO SCALE



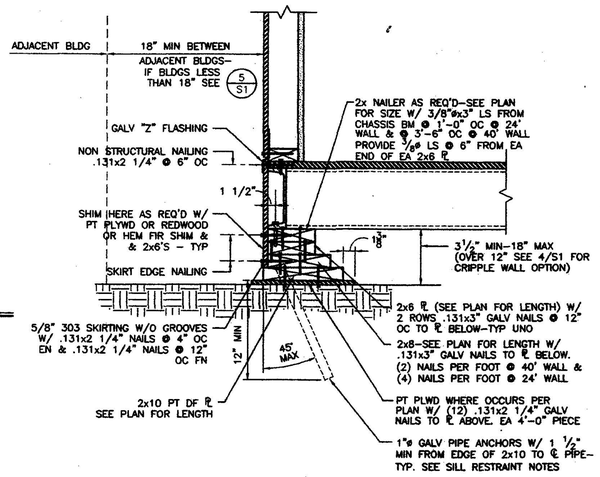
FOUNDATION DETAIL

1 / S1 — 1 1/2" = 1'–0"



DETAIL

2 / S1 — 1 1/2" = 1'–0"



FOUNDATION DETAIL

3 / S1 — 1 1/2" = 1'–0"

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS
THE ITEMS LISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE GENERALLY RESPONSIBLE (OR FOR WHICH I HAVE BEEN DELEGATED RESPONSIBILITY) FOR THIS PORTION OF THE WORK.
A LIST OF ITEMS HAS BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED, SEE SHEET NO. 75-1)
LICENSED ARCHITECT — ROBERT J. COBB — No. C-14888 — STATE OF CALIFORNIA
9/29/04
ROBERT J. COBB, AIA — DATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03 111103
AC FLS SS ED
DATE NOV 01 2007

APPROVED
DIV. OF THE STATE ARCHITECT
LOS ANGELES BASIN REGIONAL OFFICE
AC FLS SS
APP. NO. 105168 DATE 10/20/04

2004 CBC
FILE NO. PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-104818
AC FLS SS
DATE JUL 02 2005

24 x 40
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AMS — American Modular Systems Inc.
787 Spreckels Ave. Manteca, CA 95336
(209)825-1921 Fax (209)825-7018
americanmodular.com

LICENSED ARCHITECT — No. C 12631, Ren. 9-30-05 — STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER — Kenneth A. Lutrell, No. 1418, EXP. 3-31-06, Structural Engineer — STATE OF CALIFORNIA

CUSTOMER:

WOOD FOUNDATION PLAN & DETAILS
50 PSF FLOOR LIVE LOAD

DATE:	5/30/03
SCALE:	AS NOTED
DRAWN BY:	REM
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			4		
2			5		
3			6		

PROJECT No. 02156-01

SHEET No. 21-S1

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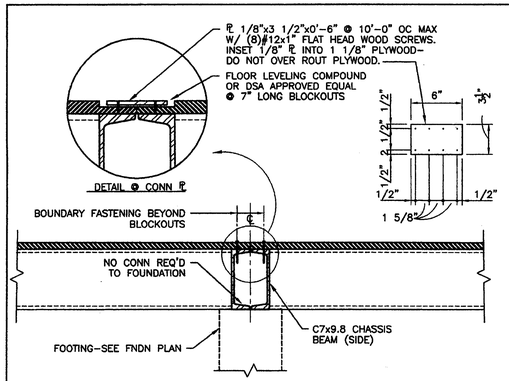
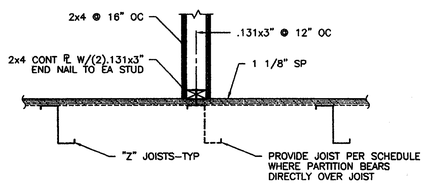
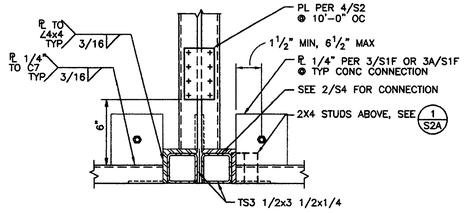


4/S2 DETAIL
1 1/2" = 1'-0"

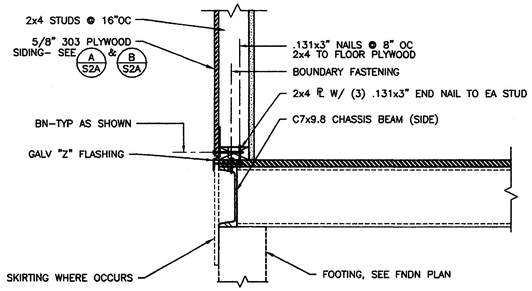


TYP INTERIOR NON-BEARING WALL BASE

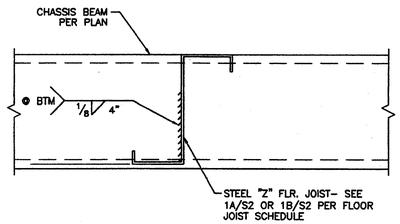
5/S2 DETAIL
1 " = 1'-0"



2/S2 PLAN DETAIL
NO SCALE

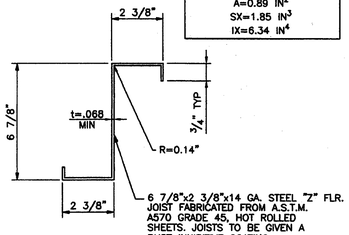


3/S2 DETAIL
1 1/2" = 1'-0"



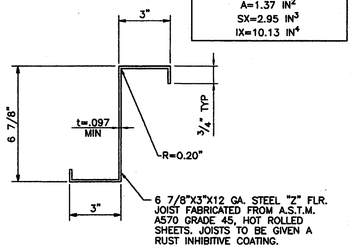
1/S2 DETAIL
NO SCALE

Z SECTION PROPERTIES
A=0.89 IN²
SX=1.85 IN³
IX=6.34 IN⁴

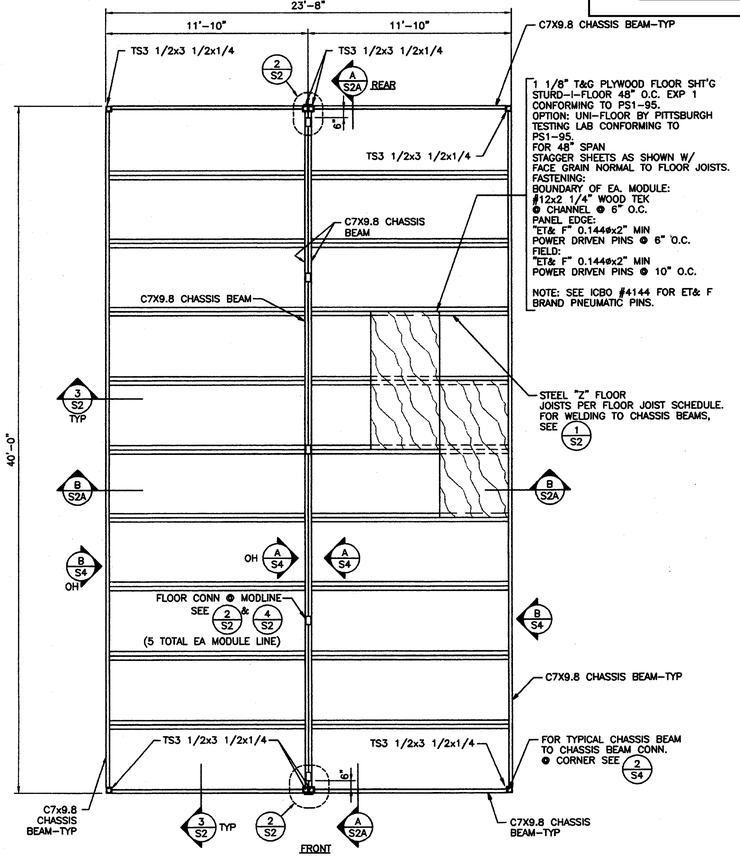


14 GA JOIST
1A/S2 DETAIL
NO SCALE

Z SECTION PROPERTIES
A=1.37 IN²
SX=2.95 IN³
IX=10.13 IN⁴



12 GA JOIST
1B/S2 DETAIL
NO SCALE



NOTES:
1. SEE SHEET S4 FOR TYPICAL WALL FRAMING.

A/S2 FLOOR FRAMING PLAN
1/4" = 1'-0"

FLOOR JOIST SCHEDULE

LIVE LOAD	SPACING	
	14 GA JOIST	12 GA JOIST
50 PSF	48" OC	48" OC
~~50+20 PSF~~	~~24" OC~~	~~48" OC~~
~~100 PSF~~	~~24" OC~~	~~24" OC~~
~~125 PSF~~		~~24" OC~~

NOTES:
1. FOR JOISTS SEE 1A/S2 AND 1B/S2.
2. SPACING IS TO CENTER LINE OF TOP FLANGE.
3. PROVIDE 12 GA JOIST WHERE PARTITION BEARS DIRECTLY OVER JOIST.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP03-109000
AC. FLS SS
DATE JUN 15 2005

2001 CBC FILE NO. PC
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APPLICATION NO. 02-104915
AC. FLS SS
DATE JUN 22 2005

24 x 40
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CLASSROOM

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

LICENSED ARCHITECT PATRICK D. KRUSE 3-31-07 No. C 12631 Ren. 3-31-07 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER Kenneth A. Luttrell No. 1418 EXP. 3-31-05 Structural Engineer STATE OF CALIFORNIA

CUSTOMER:	

FLOOR FRAMING PLAN AND DETAILS

DATE:	5/30/03
SCALE:	AS NOTED
DRAWN BY:	REM
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			5		
2			6		
3			7		
4			8		

PROJECT No. 02156-01

SHEET No. 21-S2

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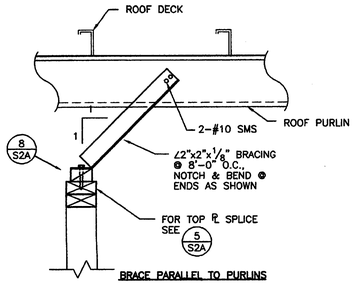
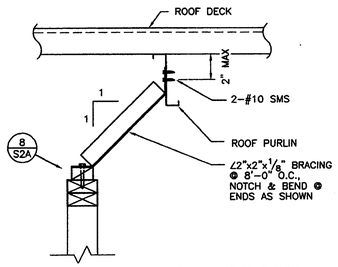
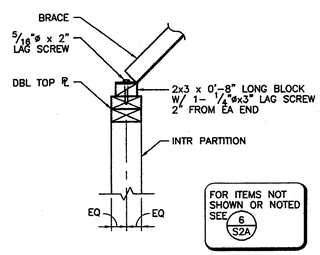


BRACE PARALLEL TO PURLINS

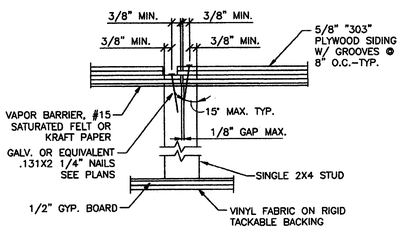


BRACE PERPENDICULAR TO PURLINS

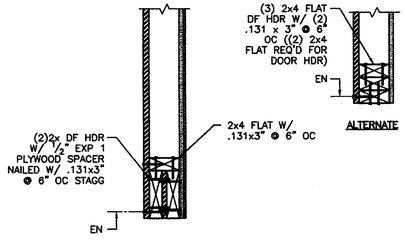
ALT. WALL FRAMING
DETAIL
7/S2A
1 1/2" = 1'-0"



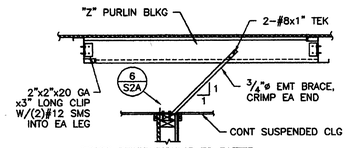
WALL FRAMING
DETAIL
8/S2A
1 1/2" = 1'-0"



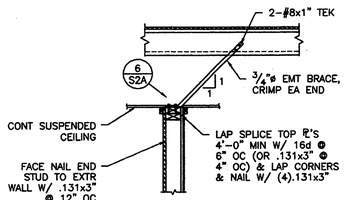
TYPICAL SIDING JOINT
DETAIL
9/S2A
NO SCALE



WALL FRAMING
DETAIL
4/S2A
1 1/2" = 1'-0"



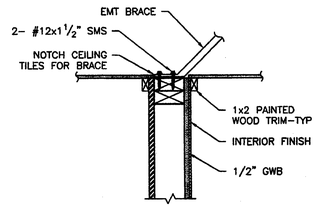
BRACE PERPENDICULAR TO RAFTER



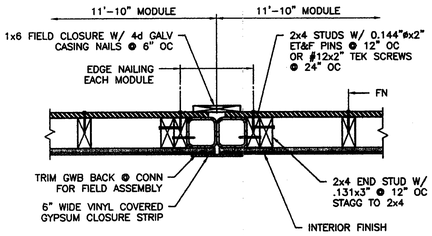
BRACE PARALLEL TO RAFTERS

NOTE:
TOP ℄ MUST BE BRACED @ 7-9" MAX BY EITHER AN INTERSECTING WALL OR WITH AN EMT BRACE TO THE RAFTERS.

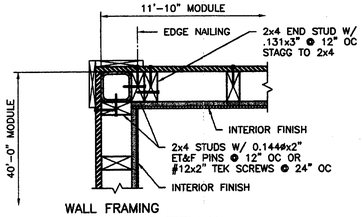
WALL FRAMING
DETAIL
5/S2A
NO SCALE



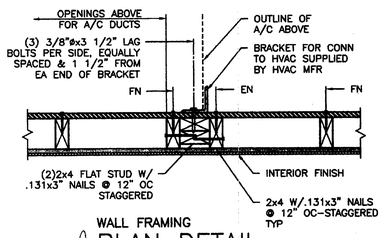
WALL FRAMING
DETAIL
6/S2A
1 1/2" = 1'-0"



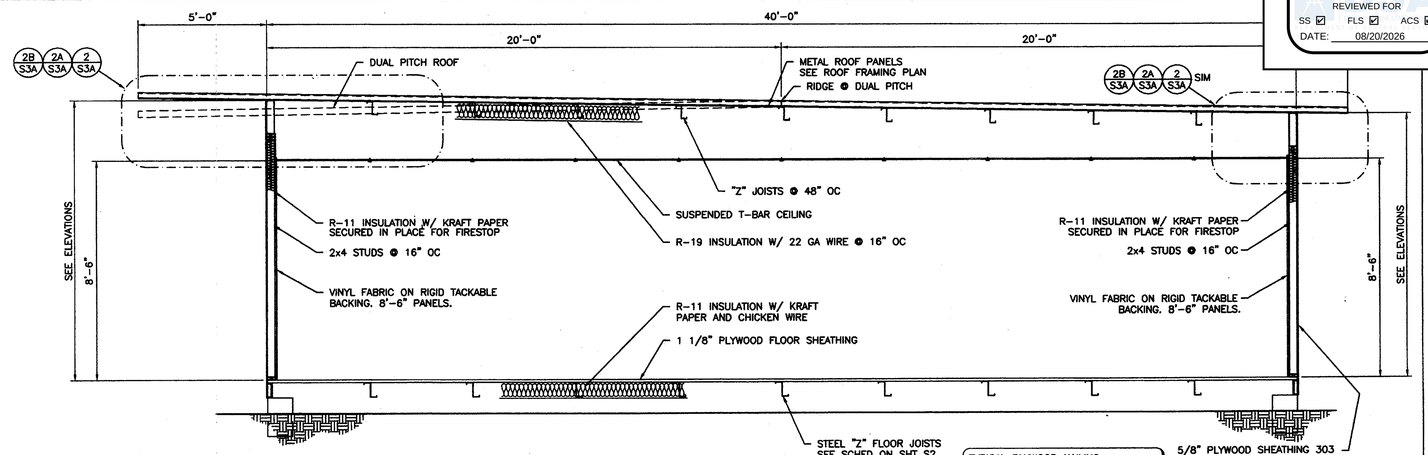
WALL FRAMING
PLAN DETAIL
1/S2A
1 1/2" = 1'-0"



WALL FRAMING
PLAN DETAIL
2/S2A
1 1/2" = 1'-0"



WALL FRAMING
PLAN DETAIL
3/S2A
1 1/2" = 1'-0"

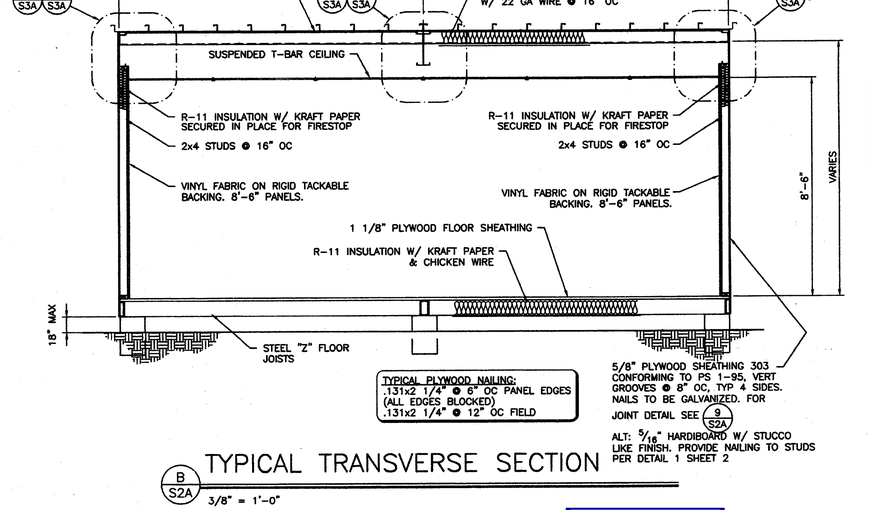


TYPICAL PLYWOOD NAILING:
.131x2 1/4" @ 6" OC PANEL EDGES (ALL EDGES BLOCKED)
.131x2 1/4" @ 12" OC FIELD

5/8" PLYWOOD SHEATHING 303 CONFORMING TO PS 1-95, VERT GROOVES @ 8" OC, TYP 4 SIDES. NAILS TO BE GALVANIZED. FOR JOINT DETAIL SEE 9/S2A

ALT: 5/16" HARDIBOARD W/ STUCCO LIKE FINISH. PROVIDE NAILING TO STUDS PER DETAIL 1 SHEET 2.

A/S2A
TYPICAL LONGITUDINAL SECTION
3/8" = 1'-0"



TYPICAL PLYWOOD NAILING:
.131x2 1/4" @ 6" OC PANEL EDGES (ALL EDGES BLOCKED)
.131x2 1/4" @ 12" OC FIELD

5/8" PLYWOOD SHEATHING 303 CONFORMING TO PS 1-95, VERT GROOVES @ 8" OC, TYP 4 SIDES. NAILS TO BE GALVANIZED. FOR JOINT DETAIL SEE 9/S2A

ALT: 5/16" HARDIBOARD W/ STUCCO LIKE FINISH. PROVIDE NAILING TO STUDS PER DETAIL 1 SHEET 2

B/S2A
TYPICAL TRANSVERSE SECTION
3/8" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03- 109006
AC. FLS. SS. A-8
DATE JUN 15 2005

2001 CBC
FILE NO. PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-104415
AC. FLS. SS. W
DATE JUL 22 2005

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787 Spreckels Ave. Manteca, CA 95336
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LICENSED ARCHITECT
No. C 12631
Ren. 5-31-05
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Luttrell
No. 1418
EXP. 3-31-05
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

BUILDING SECTIONS AND WALL DETAILS

DATE: 5/30/03
SCALE: AS NOTED
DRAWN BY: REM
DESIGNED BY: MDB
CHECKED BY: KAL
SERIAL NO.

REVISIONS

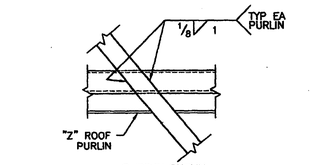
NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			4		
2			5		
3			6		

PROJECT No. 02156-01

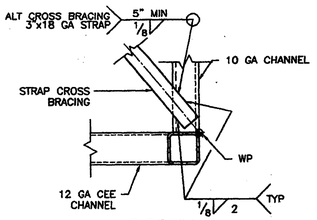
SHEET No. 21-S2A

P:\02156\01\MCAD\STRU\S2o.dwg Time:Jun03,2003-09:44am Login:lawrencej Dimscale:32 LTScale:16

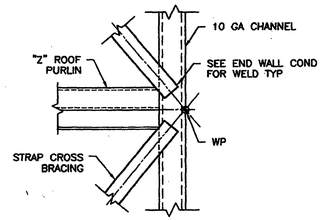
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026



● ROOF PURLIN



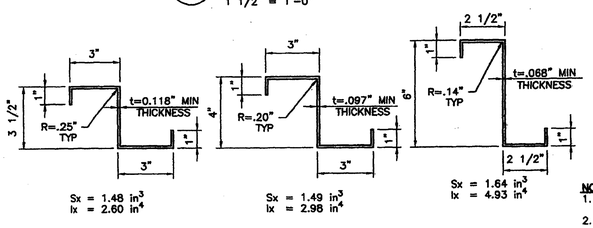
● END WALL



● ROOF CHANNEL

1/S3 CROSS BRACING DETAIL

1 1/2" = 1'-0"

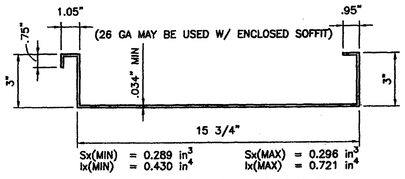


10 GA ROOF PURLIN | 12 GA ROOF PURLIN | 14 GA ROOF PURLIN

JOIST FABRICATED FROM ASTM A570 GRADE 36, HOT ROLLED SHEETS. JOISTS TO BE GIVEN A RUST INHIBITIVE COATING.

2/S3 DETAIL

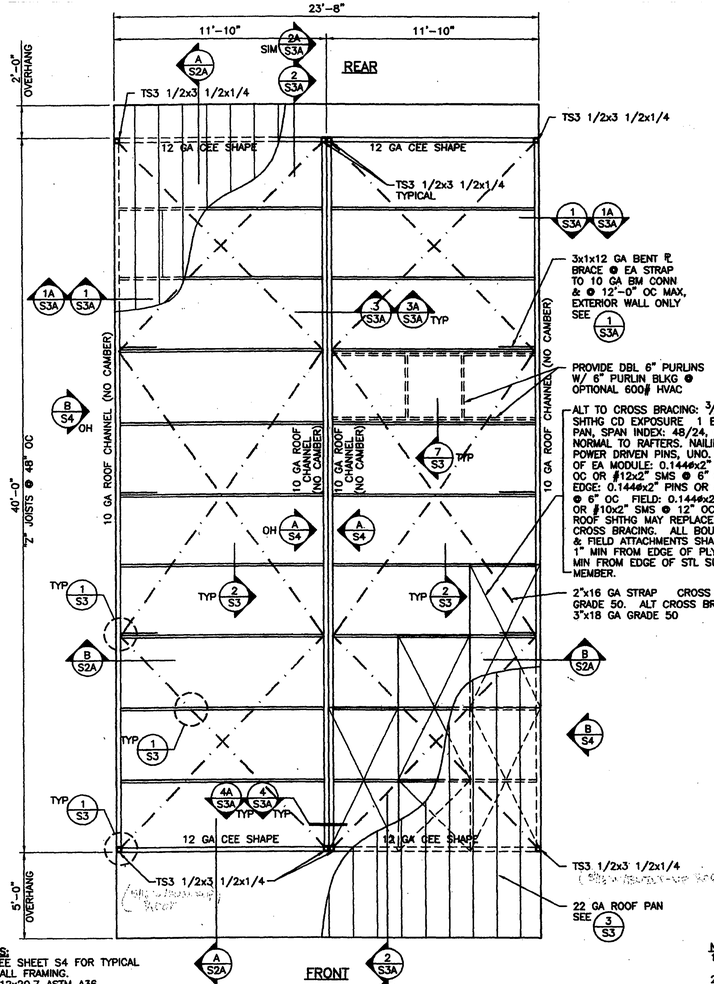
3" = 1'-0"



PAN FABRICATED FROM ASTM A570 GRADE 36, HOT ROLLED SHEETS. PAN TO BE GIVEN A RUST INHIBITIVE COATING.

3/S3 22 GA ROOF PAN DETAIL

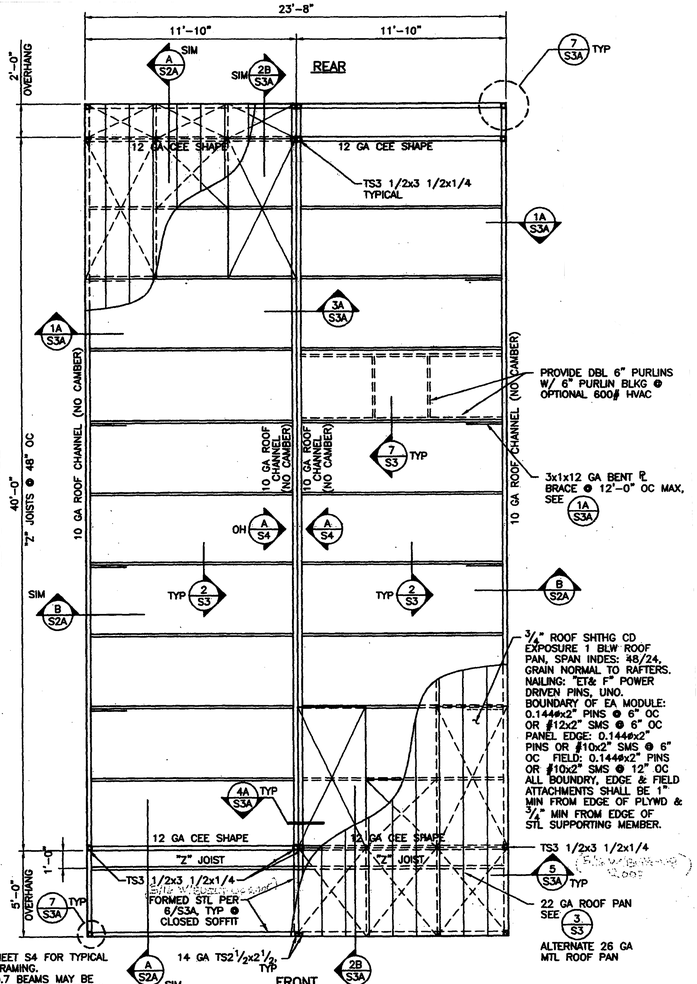
3" = 1'-0"



NOTES:
1. SEE SHEET S4 FOR TYPICAL WALL FRAMING.
2. C12x20.7 ASTM A36 BEAMS MAY BE SUBSTITUTED WHEREVER 10 GA ROOF CHANNELS ARE SHOWN ON ROOF PLAN.

A/S3 MONO/DUAL PITCH – OPEN SOFFIT ROOF FRAMING PLAN

1/4" = 1'-0"

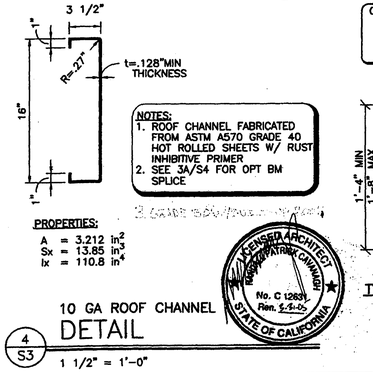


NOTES:
1. SEE SHEET S4 FOR TYPICAL WALL FRAMING.
2. C12x20.7 BEAMS MAY BE SUBSTITUTED WHEREVER 10 GA ROOF CHANNELS ARE SHOWN ON ROOF PLAN.

ALTERNATE
MONO/DUAL PITCH – CLOSED SOFFIT W/ 3/4" ROOF PLYWOOD

B/S3 ROOF FRAMING PLAN

1/4" = 1'-0"

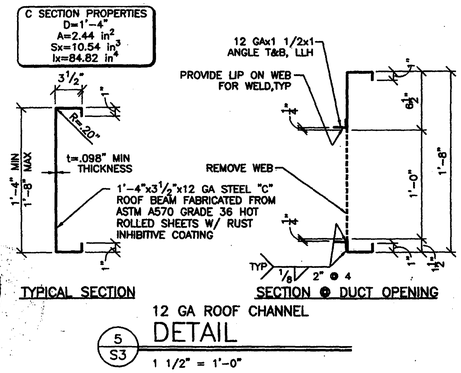


NOTES:
1. ROOF CHANNEL FABRICATED FROM ASTM A570 GRADE 40 HOT ROLLED SHEETS W/ RUST INHIBITIVE PRIMER
2. SEE 3A/S4 FOR OPT BM SPLICE

PROPERTIES:
A = 3.212 in²
Sx = 13.85 in³
Ix = 110.8 in⁴

4/S3 10 GA ROOF CHANNEL DETAIL

1 1/2" = 1'-0"

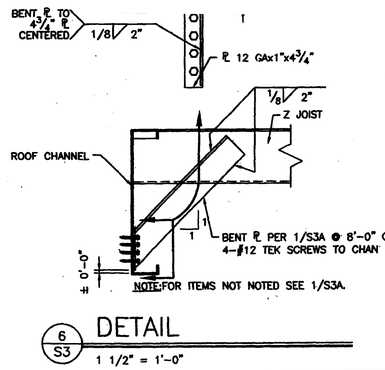


TYPICAL SECTION

SECTION @ DUCT OPENING

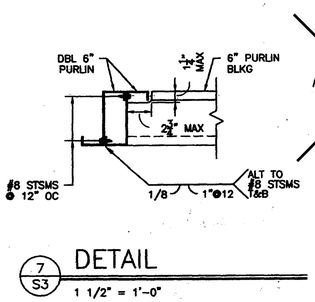
5/S3 12 GA ROOF CHANNEL DETAIL

1 1/2" = 1'-0"



6/S3 DETAIL

1 1/2" = 1'-0"



7/S3 DETAIL

1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-104915
AC FLS SS
DATE JUL 0 9 2003
2001 CBC
FILE NO. PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03-108006
AC FLS SS
DATE JUN 1 7 2003

KENNETH ARCHITECT
LICENSED ARCHITECT
No. C 12631
Ren. 8-31-05
STATE OF CALIFORNIA

24 x 40
RELOCATABLE
CLASSROOM

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

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Luttrell
No. 1418
EXP. 3-31-05
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

ROOF FRAMING PLAN AND DETAILS

DATE:	5/30/03
SCALE:	AS NOTED
DRAWN BY:	REM
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			5		
2			6		
3			7		
4			8		

PROJECT No. 02156-01

SHEET No. 21-S3

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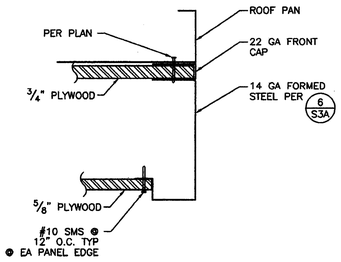
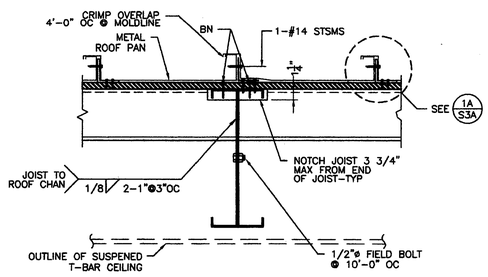
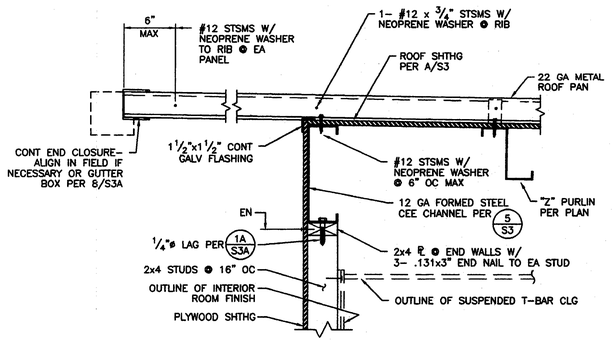


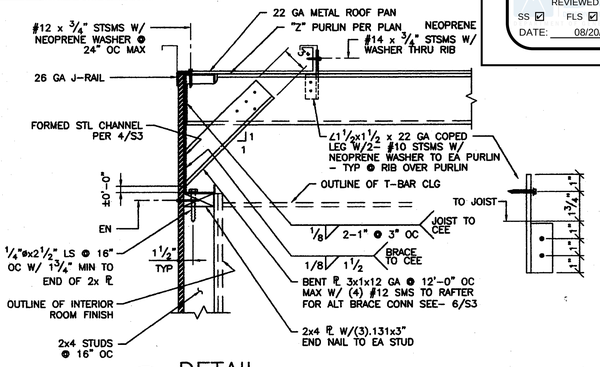
ALT ENCLOSED SOFFIT W/ PLYWOOD DECKING
5 S3A DETAIL
3" = 1'-0"



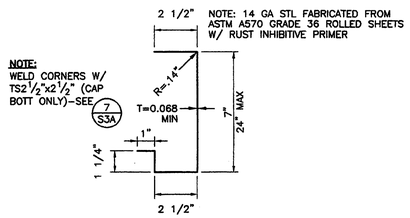
ALT W/ ROOF PLYWOOD SHTHG
3A S3A DETAIL
1 1/2" = 1'-0"



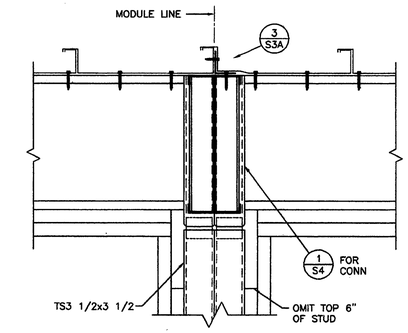
ALT W/ PLYWOOD SHTHG
(2'-0" OVERHANG DETAIL SIM)
2A S3A 5'-0" OVERHANG DETAIL
1 1/2" = 1'-0"



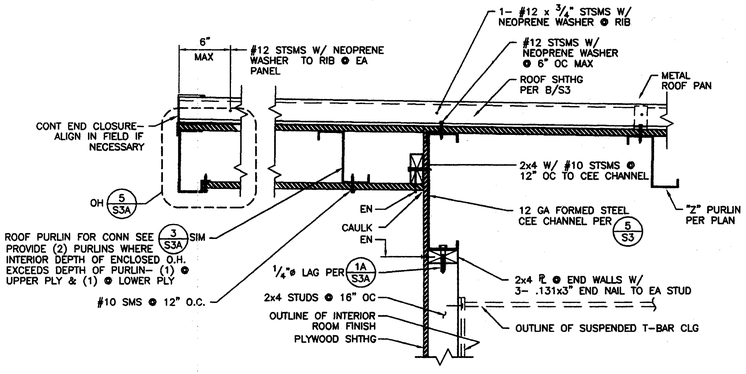
1 S3A DETAIL
1 1/2" = 1'-0"



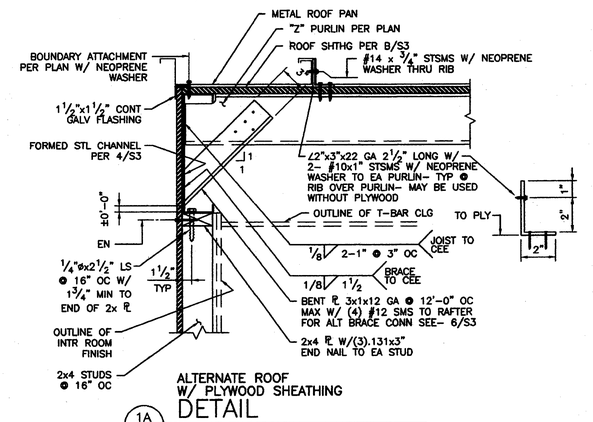
14 GA FORMED STEEL CEE
ALT ENCLOSED SOFFIT
6 S3A DETAIL
3" = 1'-0"



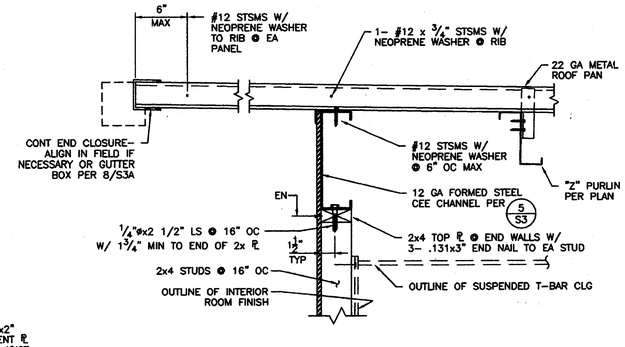
4 S3A DETAIL
1 1/2" = 1'-0"



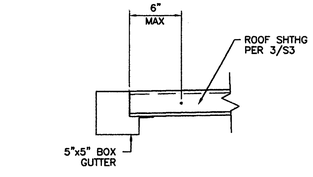
ALTERNATE ENCLOSED SOFFIT & ROOF PLYWOOD
(2'-0" OVERHANG DETAIL SIM)
2B S3A 5'-0" OVERHANG DETAIL
1 1/2" = 1'-0"



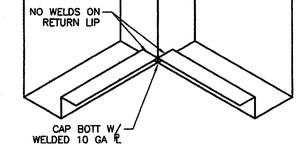
ALTERNATE ROOF
W/ PLYWOOD SHEATHING
1A S3A DETAIL
1 1/2" = 1'-0"



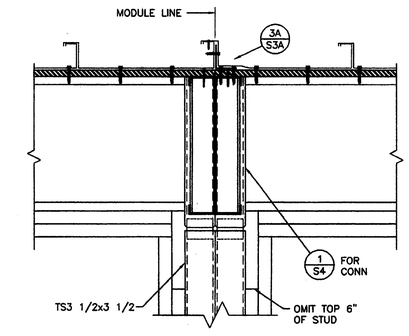
(2'-0" OVERHANG DETAIL SIM)
2 S3A 5'-0" OVERHANG DETAIL
1 1/2" = 1'-0"



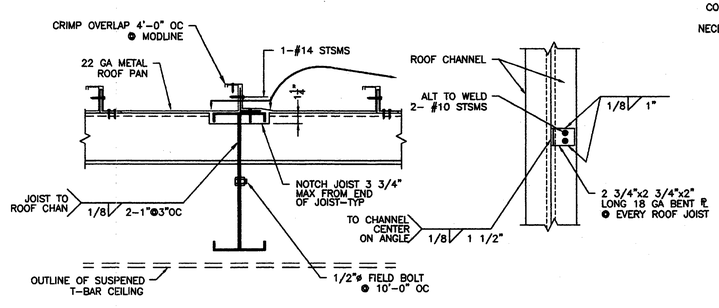
8 S3A DETAIL
NO SCALE



ALT ENCLOSED SOFFIT STL PROFILE
7 S3A DETAIL
NO SCALE



ALT W/ PLYWOOD DECKING
4A S3A DETAIL
1 1/2" = 1'-0"



3 S3A DETAIL
1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03- 109006
AC. FLS SS
DATE JUN 15 2005

2001 CBC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-114916
AC. FLS SS
DATE JUN 22 2005

24 x 40
RELOCATABLE
CLASSROOM

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

LICENSED ARCHITECT
No. C 12831
Ren. 5-31-05
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Ludwig
No. 1418
EXP. 3-31-05
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

ROOF SECTIONS AND DETAILS

DATE:	5/30/03
SCALE:	AS NOTED
DRAWN BY:	REM
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT No. 02156-01

SHEET No. 21-S3A

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BUILDING 24

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

American Modular Systems

24 X 40 RELOCATABLE CLASSROOMS
BAKERSFIELD CITY ELEMENTARY SCHOOL DISTRICT

TEST AND INSPECTION LIST

TESTING LABORATORY: _____ DATE: _____
NAME: _____
DISTRICT/OWNER: _____
DIVISION–FILE NO. _____ APPLICATION NO. _____
ARCHITECT: _____
STRUCTURAL ENGINEER: _____

STATE OF CALIFORNIA
DEPT. OF GENERAL SERVICES
DIVISION OF THE
STATE ARCHITECT

STRUCTURAL
TESTS
AND
INSPECTIONS

ORS 103–1 (R 11/85)

The following tests and inspections, as checked, will be required as detailed in applicable specifications.

		CONCRETE	GUNITE	GROUT	MORTAR	
	COMPACTED FILL					Test of aggregates for mix design only
	Fill material, acceptance tests					Suitability tests of aggregates as detailed below
	Compaction control, continuous					Mix designs
	Compaction tests only as ordered					Continuous batch plant inspection
	Bearing capacity of compacted fill					Inspect placing
	REINFORCING STEEL					Sample
X	Sample and test bar steel	X				Compressive tests
	Sample and test mesh					Pick up samples at job
	Inspect placing at job					Samples delivered to laboratory
	STRUCTURAL STEEL					Deliver sample forms to jobsite
X	Sample and test as detailed below					Sample and test cement
	Shop fabrication inspection					
	Field erection inspection					
X	Inspection of welds – Shop					
	Inspection of welds – Field					
	Inspection of riveting or bolting – Shop					
	Inspection of riveting or bolting – Field					
	Sample and test high strength bolts and washers					
	BRICK AND BLOCK					
	Sample and test					
	Test only					
	Inspection of placing					
	Core drill samples					
	GLUED LAMINATED STRUCTURAL LUMBER					
	Fabrication inspection					
	Sample and test steel accessories					
	Inspect fabrication of steel accessories					

SUITABILITY TESTS	CONCRETE MATERIALS	GUNITE	MORTAR	GROUT
Sodium sulphate				
Structural strength				
Los Angeles rattler				
Clay (Hydrometer method)				
Reactivity tests				
Volume change				

MIX DESIGNS: CONCRETE, GROUT, MORTAR OR GUNITE

MATERIAL	MAXIMUM SIZE	COMPRESSIVE STRENGTH, PSI, MINIMUM 28 DAYS					
CONCRETE	1 1/2"	3000					

List of structural steel members to be tested:

3 1/2" x 3 1/2" x 1/4" SQ. COL. C7X9.8
10 ga. & 12 ga. ROOF CEE
6 3/4"X14 GA. JOISTS
6 3/8" x 12 ga. JOIST
6 " x 14 ga. ROOF JOIST
4" x 12ga. ROOF JOIST
3 1/2" x 10 ga. ALT. JOIST
2"x16 ga. STRAPS

TESTING MAY BE WAIVED IF STEEL HAS BEEN PROPERLY IDENTIFIED BY MFR'S MILL ANALYSIS AND TEST REPORTS PER TITLE 24, C.C.R., SECTION 2212.A.1

Other Tests and Inspections, together with special instructions:

GROUNDING TEST
EXPANSION ANCHORS

Copies of Reports to:

DSA/ORS
AMERICAN MODULAR SYSTEMS, INC.
SCHOOL DISTRICT
ARCHITECT

By: _____
AUTHORIZED REPRESENTATIVE

INDEX

SHEET No.	DESCRIPTION
24-TS-1	TITLE & BUILDING DATA NOTES
~~N-1~~	~~GENERAL NOTES~~
24-1	FLOOR PLAN & NOTES
2	EXTERIOR ELEVATIONS
~~3~~	~~CEILING GRID, DETAILS & NOTES~~
~~4~~	~~INTERIOR ELEVATIONS & OPTIONAL PLANS~~
24-S1	FOUNDATION PLAN WOOD, DETAILS & NOTES 50#
24-S2	FLOOR FRAMING PLANS
24-S2A	BUILDING SECTIONS & WALL DETAILS
24-S3	ROOF FRAMING PLAN & DETAILS
24-S3A	ROOF FRAMING DETAILS
~~S4~~	~~FRAMING ELEVATIONS & DETAILS~~
~~M1~~	~~MECHANICAL PLAN, DETAILS & NOTES~~
~~E1~~	~~ELECTRICAL PLAN, DETAILS & NOTES~~

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND AUTHORIZED TO PREPARED SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.
THE ITEMS LISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE BEEN DELIGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK).
A LIST OF ITEMS HAVE BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED)

LICENSED ARCHITECT STEPHEN J. CORBET No. C-16788 EXP. 11/30/01 STATE OF CALIFORNIA

_____ DATE 9/25/00
LICENSE # C-16788
EXP. DATE 11/30/01

BUILDING DATA
CLASSROOMS

OCCUPANCY	E–2
TYPE OF CONSTRUCTION	V – NON–RATED
WIND LOAD (80 MPH EXPOSURE C)	21 LBS/SQ FT
FLOOR LIVE LOAD	50 LBS/SQ FT .
ROOF LIVE LOAD	20 LBS/SQ FT (REDUCIBLE)
BUILDING AREA	960 SQ FT

FIRE MARSHAL– CALIFORNIA BUILDING CODE (CBC)
TITLE 24, PART 2, CCR (1997 UBC W/ CAL. AMENDS)
TITLE 24, PART 3, CCR (1997 NEC W/ CAL. AMENDS)
TITLE 24, PART 4, CCR (1997 UMC W/ CAL. AMENDS)
TITLE 24, PART 5, CCR (1997 UPC W/ CAL. AMENDS)
TITLE 24, PART 9, CCR (1997 UFC W/ CAL. AMENDS)
TITLE 24, PART 12, CCR (1997 STD. W/ CAL. AMENDS)
TITLE 19

STRUCTURAL – 1998 CALIFORNIA BUILDING CODE (CBC)
TITLES 24 PARTS 1 AND 2

MODULES	MOMENT–RESISTANT
SYSTEM	(2) 12' X 40' MODULES
FOUNDATION	PRESSURE TREATED WOOD
SEISMIC	ZONE 4

SEISMIC SOURCE A
DISTANCE FROM SEISMIC SOURCE ≤ 2 KM
SOIL TYPE S_E

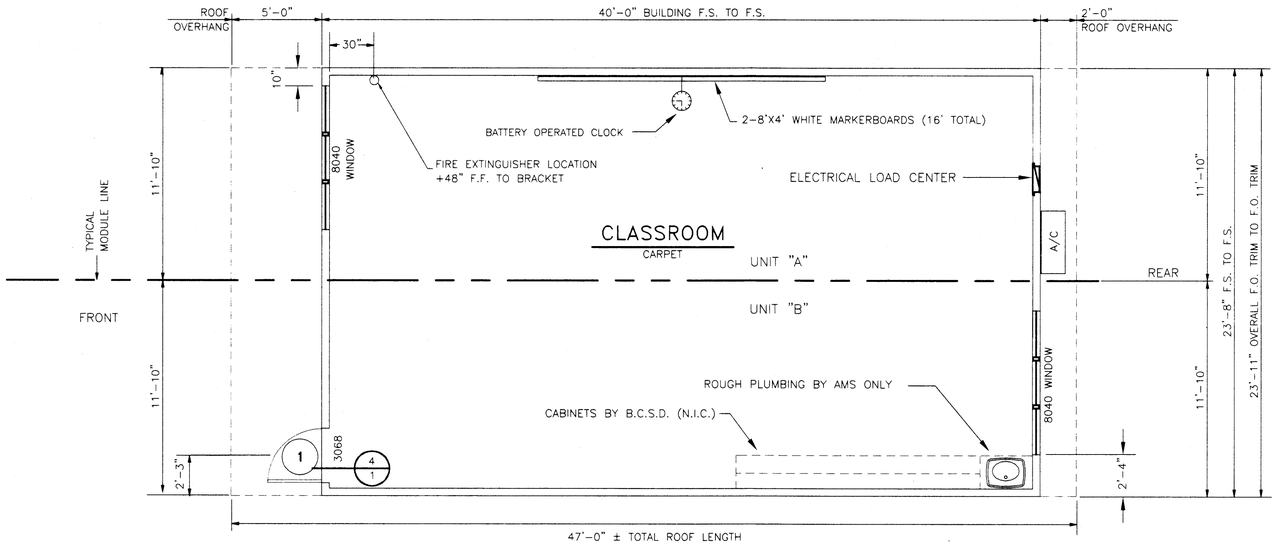
BASED ON PC-02-101837

FILE NO. 15-6

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 03-104224
ACS FLS SS
DATE MAR 06 2001

American Modular Systems
333 EAST CARNEGIE CT. MANTECA, CALIFORNIA 95337
PHONE (209) 825–1921 FAX. (209) 825–7018

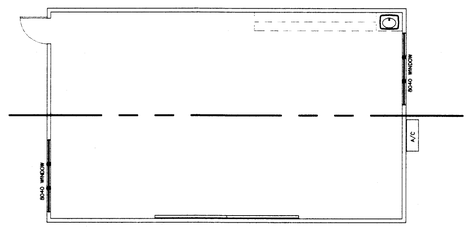
JOB NO.	
DATE:	JUNE 12, 2000
SHEET NUMBER	24-TS-1
BINDING ORDER	1



FLOOR PLAN

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

NOTES:
1. A.M.S. TO PROVIDE ROUGH PLUMBING ONLY.
2. FINISH PLUMBING BY OTHERS.
3. THERMOSTAT BY OTHERS.
4. FLOOR FINISH BY OTHERS.
5. EXTERIOR DOOR LOCK BY OTHERS.
6. CONCRETE FOUNDATION BY OTHERS.



OPTIONAL FLOOR PLAN

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

NOTES
INTERIOR
1. Floor: Carpets – Units shall be carpeted as indicated on floor plan with direct glue down type per State of California Specification 7220-XXX-01, Group 1, Type A, Class 26. Color will be selected by District after award of bid. The carpet density shall be 4600 minimum. Pile yarn shall be branded nylon. No cross seams shall be allowed.

2. Base: Resilient Cove Base – Best quality, moulded rubber, 1/8" thick, 4" high, moulded top set Cove: Provide preformed base for square external corners and preformed end stops where base does not abut. Solid color as manufactured by "Johnsonite Co.", Flexco, or equal. Apply cove to complete perimeter of classroom.

3. Interior walls shall be vinyl covered tackboard U.N.O. applied in one continuous length from floor to ceiling. The tackboard shall be industrial insulation board manufactured specifically as a substitute for vinyl covered wall panels. The board shall be asphalt free, shall have an ironed-on coating and shall have a minimum density of 18 lbs. per ft. The vinyl coating shall be made of virgin vinyl calendered base color, weighing a minimum of 8 oz. per square yard. The coating backing shall be sheeting or non-woven fabric. The vinyl coating shall be mechanically laminated, with the long edges wrapped, to the tackboard. Tackboard shall be applied over 1/2" sheetrock or 3/8" plywood sheathing. The vinyl wall covered panel shall have a Class III flame spread rating. The panel shall be approved for classroom use by The California State Fire Marshal. Reference brand: Vinyl covered tackboard as manufactured by Chatfield-Clarke or comparable. Care shall be taken in mounting the tackboard so that the texture of all panels will have the same orientation and color match.

4. Ceiling: Suspend T-Bar System, see sheet 3 for details etc. Materials and installation per CCR 2501.A.5 and IR #47-4 inclusive as applicable to classrooms.

DOORS & WINDOWS

Exterior Doors: Metal Doors – 3'0"X6'8" hollow metal door construction of 1 sheet of 18 ga. steel assembled per CS242 min and reinforced with 20 ga. min. continuous vertical steel stiffeners spaced @ 6" O.C. Fill spaces between stiffeners with mineral wool or other insulation. (Reinforce both faces for closure) provide flush top on doors. Hardware reinforcement shall be 10 ga. min for hinges, door frame shall be 16 ga. pressed steel frame ASTM A366 & C5242. Hardware reinforcement shall be 10 ga. plate. Frames shall be designed with integral stop and trim. Provide (3) anchors per jamb.

Exterior Windows: Provide anodized aluminum frame 5/8" minimum dual pane window units, as shown on floor plans. The 5/8" dimension is the minimum thickness for the dual glazed window panel consisting of two lights of glass and the air space. Glazing material shall be:

Exterior Lite – 3/16" minimum tempered glass or laminated as – 1 glass of solar gray glare reducing type with a light transmission factor of 45% maximum.

Interior Lite – 1/8" minimum clear tempered.

Minimum air space shalle be 1/4".

Space – Bent or sealed corner aluminum with desiccant fill

Sealer – Butyl primary seal and polysulfide of silicone secondary seal.

Certification – All glazing to be certified in accordance with ASTM E-773, E-774.

Header height shall be the same as the door. All operable sash shall have aluminum screens. Windows shall not be mounted to the exterior plywood surface. All windows shall meet the AAMA 0S101-88 voluntary spec. For aluminum prime windows and sliding glass (ANS1), commercial grade.

HARDWARE
1. Exterior Door
A) Hinges: HAGER 4-1/2X4-1/2 butts, BB1279 US26D,1-1/2 pair each door with set screw in barrel and ball bearing design, or approved equal.
B) Lockset: Classroom lever handle lockset, panic bar type, BY DISTRICT (lever on ext.) or Corbin or Yale or equivalent. ALUM. finish.

C) Closer: Norton 7500DA 110° OPENING

D) Weatherstripping: All exterior doors shall be weatherstripped with Pemko 299D, Ultra WS007, at door jambs and head or equal.
E) Threshold: Threshold shall be Pemko 271 AV 5" aluminum with Pemko 216 AV Ultra TH042 door bottom.
F) Doorstop: Quality #44, or equal.

FIRE EXTINGUISHER
1. Each portable classroom shall be equipped with pressure type fire extinguishers with 2A10BC UL rating. To be mounted on the interior wall of the building near the doorway(s) at a height of 4 feet to mounting bracket. Fire extinguishers shall be totally charged and have a dial indicating the state of charge.

MARKERBOARD SPECIFICATIONS
Chalkboards(standard) shall have green facing sheet.
Markerboards(extra cost option)
Markerboards shall be 5 mil thick melamine facing sheet suitable to accept dry erase felt markers. The facing sheet shall be laminated, using hot melt adhesive, to a medium density particleboard substrate with a minimum density of 45#/c. ft. The panel shall have a foil backing. The panels shall have extruded aluminum molding and chalkrail with a minimum of 2-15/16" projection from the face of the panel. A full length map rail shall be provided with cork insert and end stops. The map rail and chalkrail are to incorporate a channel to wrap around the panel. Three (3) map hooks, with clips, perpanel shall be provided. One flag holder, 1/2" size, shall be provided for each classroom. Each classroom shall be 2 ea. 4x8 panels installed side by side to make a 4x16 panel, centered on one of the long walls. Referenced brand: Chatfield-Clarke Co. series 500. Attach directly to studs and blocking W/#8x3" oval head wood screw @ 32" o.c. horizontally and @ 24" o.c. vertically.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
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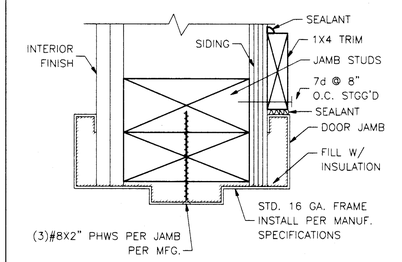
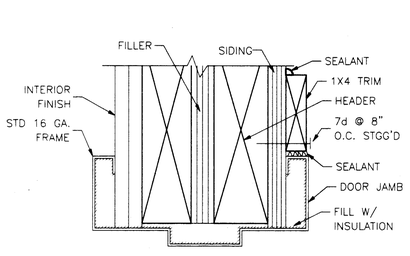
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

TYPICAL EXTERIOR WINDOW INSTALLATION NOTE:
SEE MANUF. SPECS FOR INSTALLATION
USE .131" X 2 1/2" @ 16" O.C. VERTICALS
USE .131" X 2 1/2" @ 24" O.C. HORIZONTALS



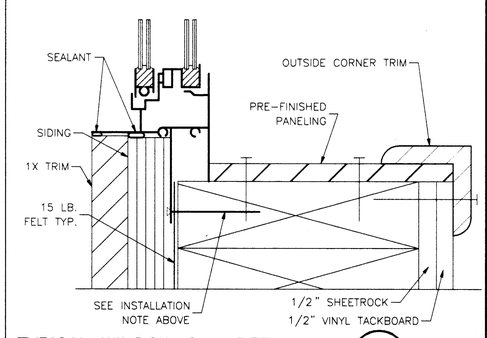
TYPICAL EXTERIOR DOOR JAMB — 5/1 — NO SCALE

NOTE: SEE MANUFACTURES SPECS FOR INSTALLATION.

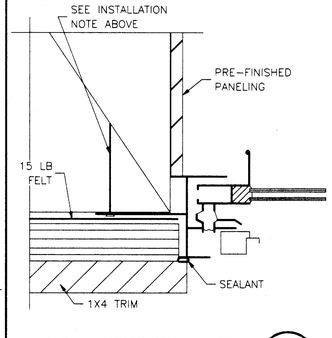


TYPICAL EXTERIOR DOOR HEAD — 6/1 — NO SCALE

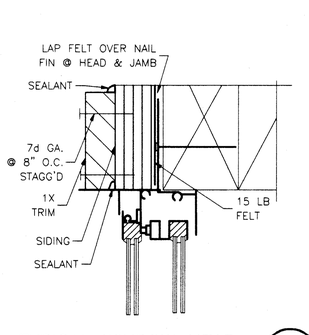
NOTE: SEE MANUFACTURES SPECS FOR INSTALLATION.



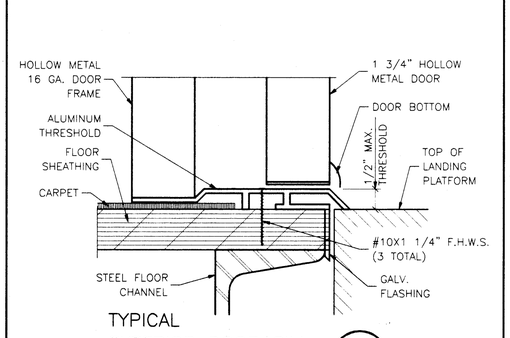
TYPICAL WINDOW SILL DETAIL — 1/1 — NO SCALE



TYPICAL WINDOW JAMB — 2/1 — NO SCALE



TYPICAL WINDOW HEAD — 3/1 — NO SCALE



TYPICAL EXTERIOR DOOR SILL — 4/1 — NO SCALE

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND AUTHORIZED TO PREPARED SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.
THE ITEMS LISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE BEEN DELIGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK).
A LIST OF ITEMS HAVE BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED, SEE SHEET NO.).

LICENSED ARCHITECT STEPHEN J. CORBY No. C-18786 REN 11/30/01 STATE OF CALIFORNIA

Stephen J. Corby, NCARB, AIA DATE 9/27/00

LICENSE # C-18786

EXP. DATE 11/30/01

FILE NO. 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 03-104224
ACS FLS SS
DATE

24 X 40
RELOCATABLE
CLASSROOMS

American Modular Systems
333 EAST CARNEGIE CT. MANTECA, CALIFORNIA 95337
PHONE (209) 825-1921 FAX. (209) 825-7018

CUSTOMER: BAKERSFIELD CITY SCHOOL DISTRICT

FLOOR PLAN & NOTES

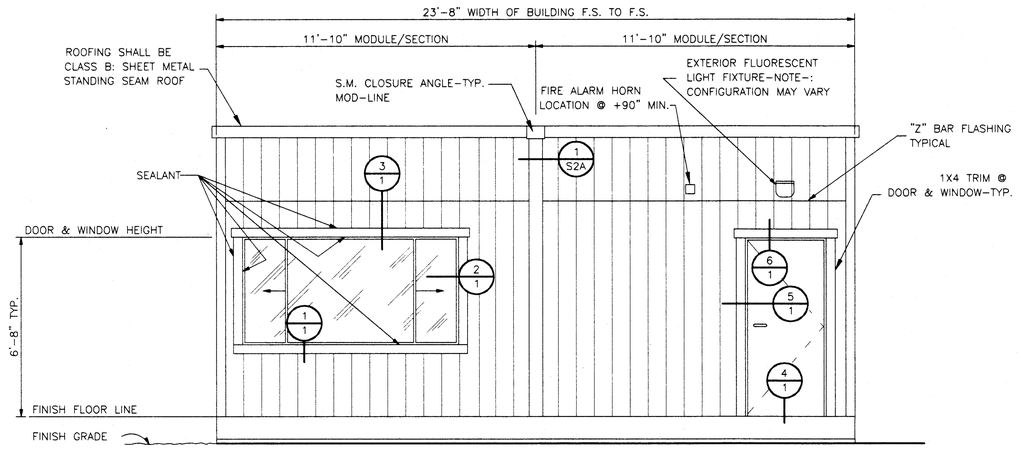
DATE: JUNE 9, 2000
SCALE: NONE
DRAWN BY: R.S.
CHECKED BY:
CHECKED BY:
SERIAL NO.

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			5		
2			6		
3			7		
4			8		

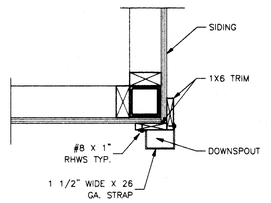
PROJECT No.

SHEET No. 24-1



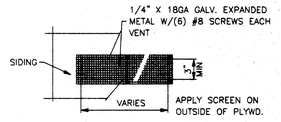
FRONT END/ENTRY ELEVATION (D)

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



DOWNSPOUT DETAIL (3/2)

1 1/2"=1'-0"

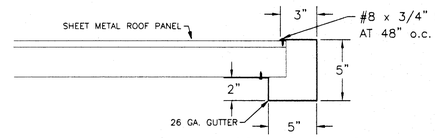


VENT DETAIL

REQUIRED VENT AREA = 6.4 SQ. FTG. => 4 VENTS MIN.

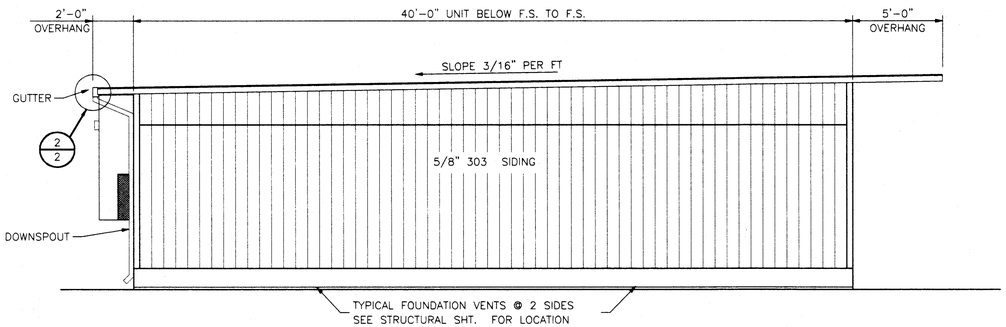
SEE SHT. S1A, S1B OR S1C FOR NUMBER OF VENTS AND LOCATIONS. THIS DETAIL IS FOR WOOD FOUNDATIONS ONLY.

NO SCALE



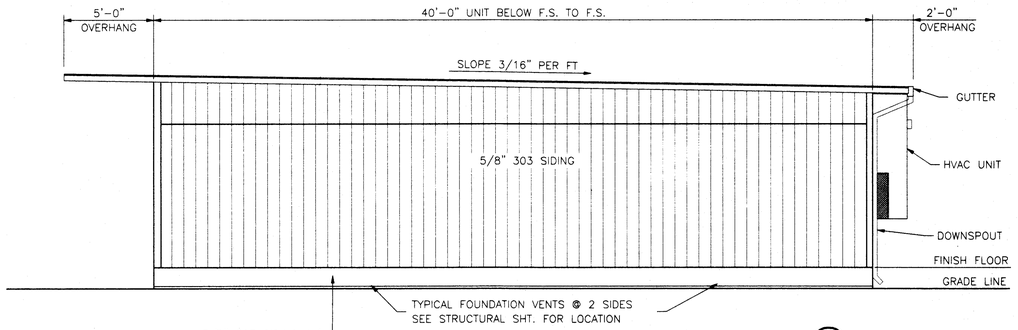
GUTTER: 26 GA., G-90 GALV. STEEL, FASTENED W/ #8 x 3/4" S.M.S. @ 48" O.C. MAX.
DOWNSPOUT: 2"X3" G-90 30 GA. CONVOLUTED GALV. STEEL.
DOWNSPOUT STRAPS: 26 GA. STEEL X 1 1/2" WIDE ATTACHED TO BLDG. MAX. 6'-0" O.C.

GUTTER AT OVERHANG DETAIL (2/2)



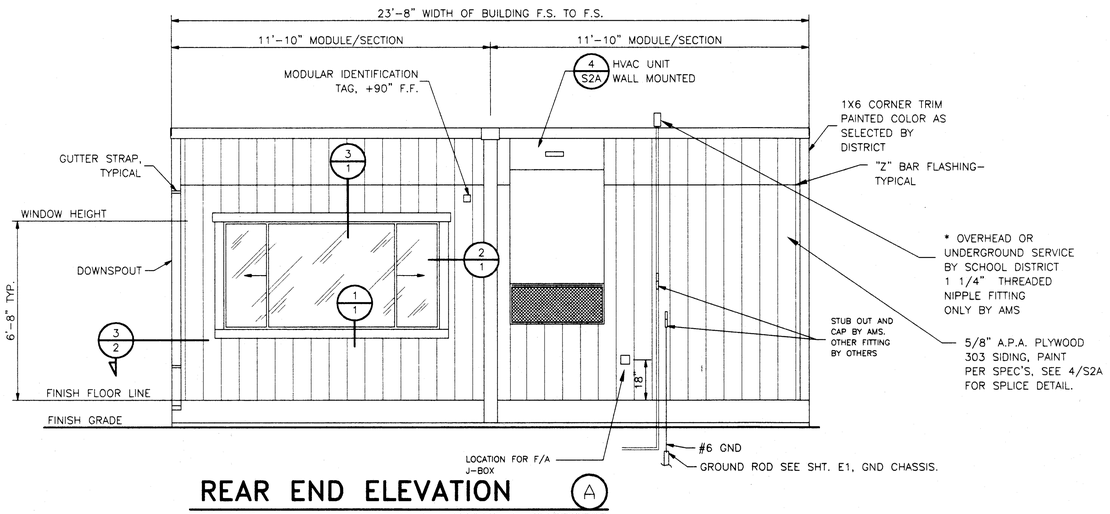
LEFT SIDE ELEVATION (B)

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



RIGHT SIDE ELEVATION (C)

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



REAR END ELEVATION (A)

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A LIST OF ITEMS HAVE BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED HERETO.)

LICENSED ARCHITECT STEPHEN J. COMER No.C-16788 REN.11/30/01 STATE OF CALIFORNIA

Stephen J. Comer, Hearn, AIA DATE 6/23/00

LICENSE # C-16788

EXP. DATE 11/30/01

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APPL. NO. 15-104224
ACCESS FLS SS
DATE

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

24 X 40
RELOCATABLE
CLASSROOMS

American Modular Systems
333 EAST CARNEGIE CT. MANTECA, CALIFORNIA 95337
PHONE (209) 825-1921 FAX. (209) 825-7018

CUSTOMER: BAKERSFIELD CITY SCHOOL DISTRICT

EXTERIOR ELEVATIONS

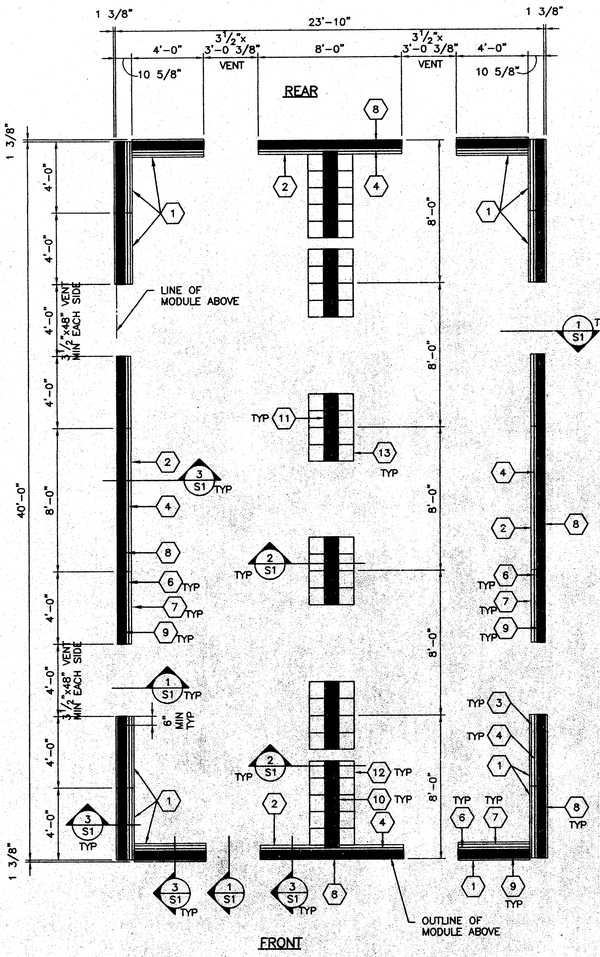
DATE: 06-09-00
SCALE: NONE
DRAWN BY: R.S.
CHECKED BY:
CHECKED BY:
SERIAL NO.

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			5		
2			6		
3			7		
4			8		

PROJECT No.

SHEET No. 24-2



NOTES:

1. TOP OF WOOD PADS TO BE LEVEL.
2. DO NOT INSTALL BUILDINGS IN AREAS OF WATER LINES.
3. SITE TO BE GRADED TO PREVENT WATER PONDING BENEATH THE STRUCTURE.
4. FOUNDATION PLYWOOD TO BE CUT PERPENDICULAR TO THE FACE GRAIN.
5. PER THE CONTRACT OF THIS PROJECT–THE BUILDING PAD MUST BE A MINIMUM OF 30'x50' AND SHALL NOT EXCEED 6" OUT OF LEVEL IN ANY DIRECTION.
6. VENT AREA REQUIRED=$\frac{(450\ SF)}{150}$=6.4 SF
   VENT AREA PROVIDED=6.44 SF

SILL RESTRAINT:

ON SOIL: 1"ø GALV PIPE W/ 12" MIN PENETRATION BELOW SOIL SURFACE @ 10'–0" OC MIN 2 EA 2x ℄. DRILL SILL 1 1/4" MAX. PIPE MAY BE DRIVEN MAX 45° ANGLE TO VERTICAL.

ON A/C PAVING: 1"ø GALV PIPE W/ 12" MIN PENETRATION BELOW PAVING SURFACE @ 10'–0" OC (MIN 2 EA 2x ℄). DRILL SILL 1 1/4" MAX OR 20d NAILS THRU SILL ℄ @ 32" OC

ON CONC PAVING: HILTI DS 82–P10 THRU SILL ℄ @ 4'–0" OC, 2 EA PIECE

FOUNDATIONS:

ALL FOUNDATION MATERIALS IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED EXCEPT SHIMS MAY BE REDWOOD, HEM FIR OR CEDAR. PRESSURE TREATED DOUGLAS FIR, HEM FIR, PLYWOOD ETC. SHALL BE VERIFIED BY A CERTIFICATE OF TREATMENT STATING: "THE MATERIAL IN THIS UNIT WAS TREATED PER 1998 CALIFORNIA BUILDING CODE." ALL MATERIAL FOR USE IN GROUND CONTACT SHALL BE STAMPED "FOR GROUND CONTACT" (LP22). ALL MATERIAL NOT USED IN GROUND CONTACT SHALL BE HF#2 OR DF#2 "FOR ABOVE GROUND USE." THE IN–PLANT INSPECTOR SHALL VERIFY THAT ALL PRESSURE TREATED FOUNDATION MATERIAL IS CUT FROM AWPB STAMPED STOCK AND THAT ALL CUTS AND HOLES ARE RE–TREATED PER SPECIFICATIONS. LP–2 AND LP–22 MATERIAL SHALL BE BANDED SEPARATELY FOR SHIPMENT TO THE JOB SITE. THE IN–PLANT INSPECTOR'S VERIFICATION OF EACH BANDED UNIT SHALL BE ATTACHED TO THE MATERIAL.
CONCRETE OR CONCRETE BLOCK FOUNDATIONS ARE NOT ALLOWED. THE FOOTING DESIGN SHALL PROVIDE FOR SHIMS AND BLOCKS NECESSARY TO PERMIT INSTALLATION ON SITES NOT LEVEL, BUT WITHIN TOLERANCE ALLOWED.
INSTALLATION SHALL BE PERMITTED ON EITHER SOIL, CONCRETE OR A/C PAVING, HAVING SUITABLE DESIGN BEARING CAPACITY. THE BUILDINGS SHALL BE SECURELY FASTENED TO THE FOUNDATIONS. THE FOUNDATIONS AND THE METHOD OF FASTENING SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND DSA. PADS SHALL BE DESIGNED FOR A MAXIMUM OF 1000 PSF LOAD ON THE SOIL. PADS SHALL NOT BE PLACED ON TURF.

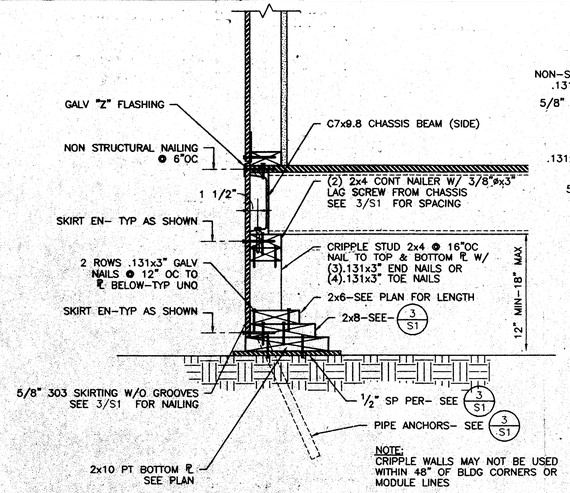
LEGEND

1. 1/2"x12" WIDE x 48" LONG PT STRUCTURAL PLYWOOD (CDX PLYWOOD)
2. 2x10x8'–0" LONG PT ℄
3. 2x10x8'–0" LONG ℄
4. 2x8x8'–0" LONG ℄
5. NOT USED
6. 2x8x4'–0" LONG ℄
7. 2x10x4'–0" LONG ℄
8. MULTIPLE 2x6x8'–0" LONG AS REQ'D FOR HEIGHT
9. MULTIPLE 2x6x4'–0" LONG AS REQ'D FOR HEIGHT
10. 2x10 ℄ W/ SHIM, SEE 2/S1
11. 2x10 BLKG, SEE 2/S1
12. (5)2x12x2'–6" OR (6)2x10x2'–6" OR (7)2x8x2'–6", SEE 2/S1
13. (4)2x12x2'–0" OR (5)2x10x2'–0" OR (6)2x8x2'–0", SEE 2/S1

• 1" ø GALV. PIPE LOCATIONS–TYPICAL

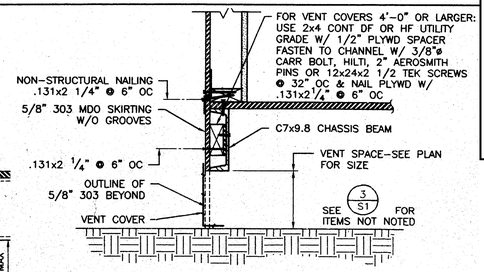
A/S1 FOUNDATION PLAN

1/4" = 1'–0"



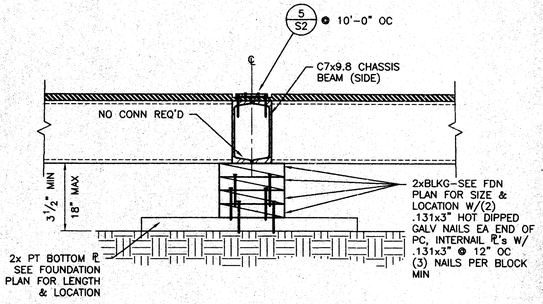
4/S1 FOUNDATION DETAIL

1 1/2" = 1'–0"



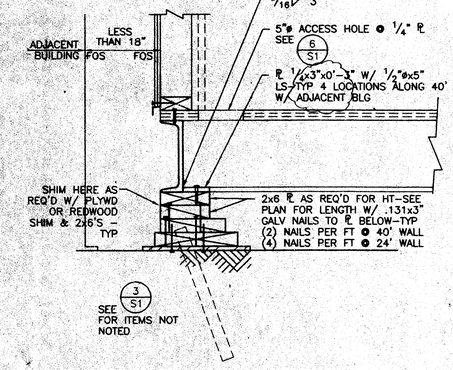
1/S1 FOUNDATION DETAIL

1 1/2" = 1'–0"



2/S1 DETAIL

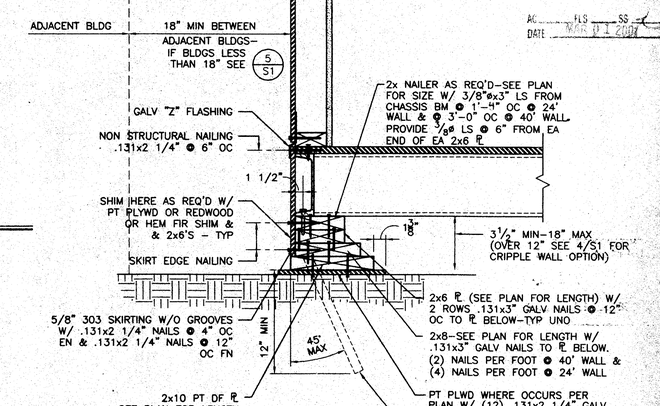
1 1/2" = 1'–0"

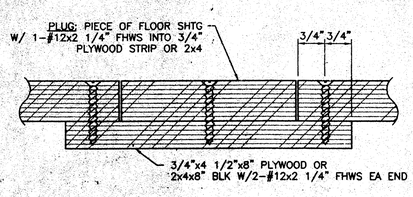


OPTIONAL FOR BUILDING PLACES LESS THAN 18" APART

5/S1 FOUNDATION DETAIL

1 1/2"=1'–0"





6/S1 FILLER ACCESS HOLE DETAIL

NO SCALE

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A LIST OF ITEMS HAVE BEEN REVIEWED AND ACCEPTED (SEE DRAWING A LIST OF ALL ACCEPTED DRAWINGS ARE APPROVED SEE SHEET NO.
LICENSED ARCHITECT Ronald A. Thomas No. C-18788 RENEWAL 8/31/01 STATE OF CALIFORNIA
DATE 9/23/00
LICENSE # C-18788
EXP. DATE 8/31/2001

FILE NO. PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO. 02-101825
AC. FLS SS
DATE JAN 1 2 2000

3/S1 FOUNDATION DETAIL

1 1/2" = 1'–0"

WOOD: 50 PSF FLOOR LIVE LOAD
W/O PARTITION LOAD

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#: 104224
AC. FLS SS
DATE MAR 01 2001

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

24 x 40
RELOCATABLE
CLASSROOM

American Modular Systems

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Luttrell
No. 1418
EXP. 3-31-01
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

FOUNDATION PLAN AND DETAILS

DATE:	12/27/99
SCALE:	AS NOTED
DRAWN BY:	PWD
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

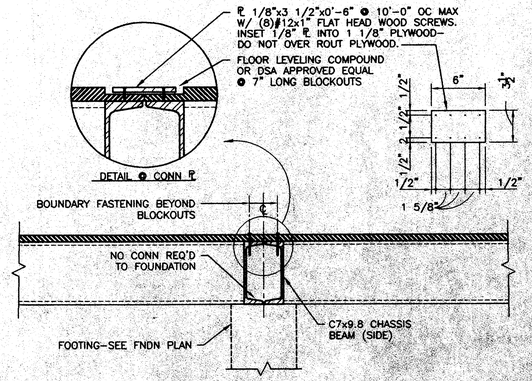
REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

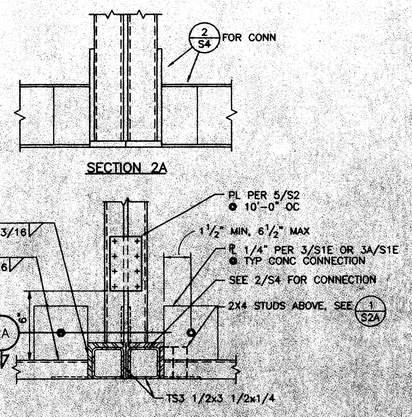
PROJECT No. 99100

SHEET No. 24-S1

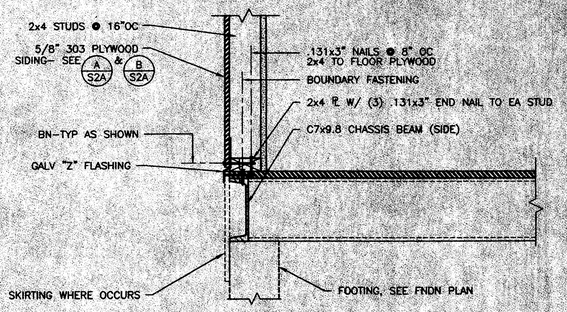
M:\99100\ACAD\STRU\S1.dwg 10-18-99 11:37:26 am EST

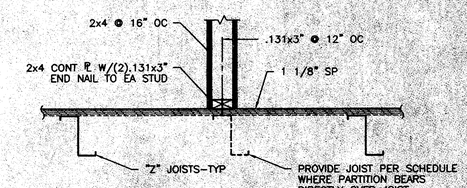


5/S2 DETAIL
1 1/2" = 1'-0"



2/S2 PLAN DETAIL
NO SCALE

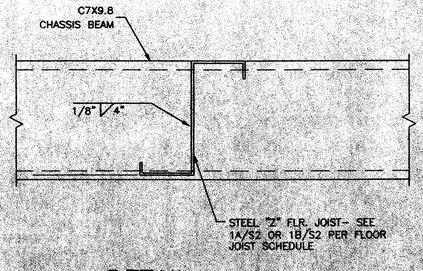




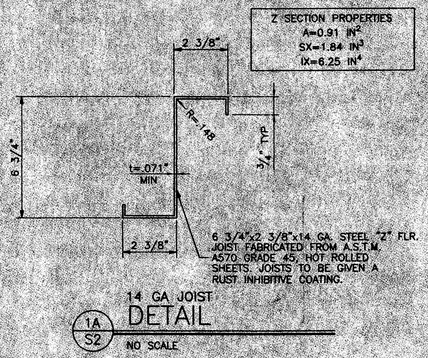
TYP INTERIOR NON-BEARING WALL BASE

6/S2 DETAIL
1 " = 1'-0"

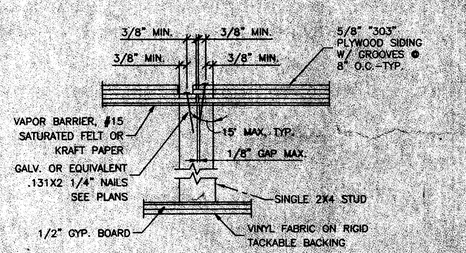
3/S2 DETAIL
1 1/2" = 1'-0"



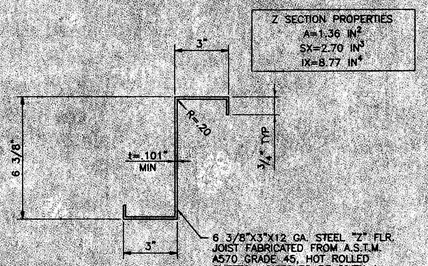
1/S2 DETAIL
NO SCALE



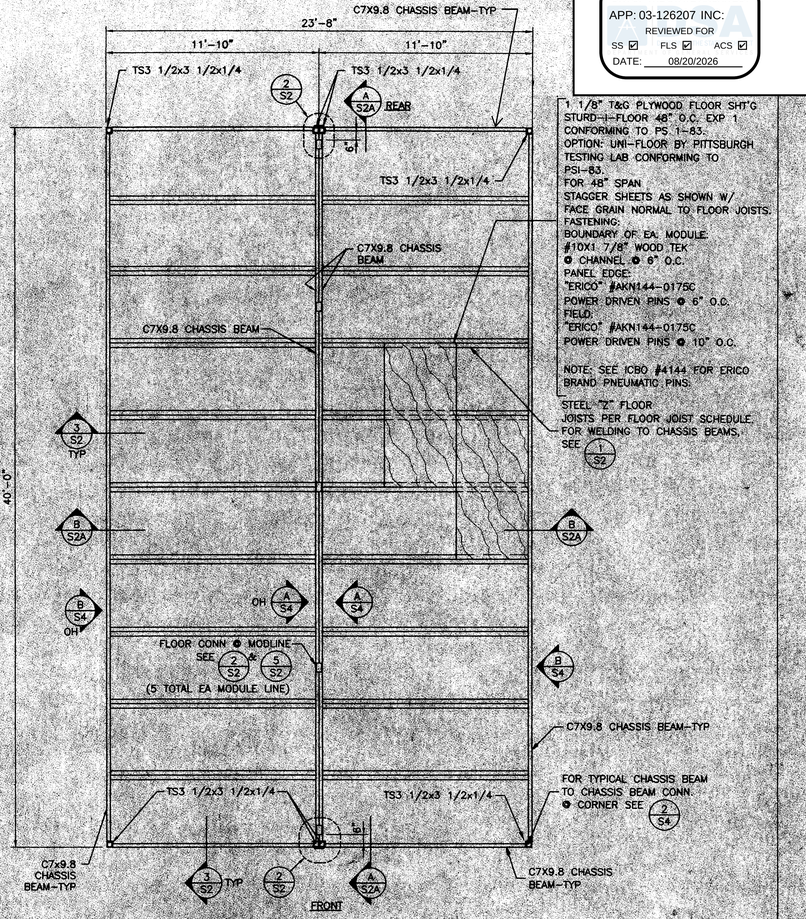
14 GA JOIST
1A/S2 DETAIL
NO SCALE



TYPICAL SIDING JOINT
4/S2 DETAIL
NO SCALE



12 GA JOIST
1B/S2 DETAIL
NO SCALE



NOTES:
1. SEE SHEET S4 FOR TYPICAL WALL FRAMING.

A/S2 FLOOR FRAMING PLAN
1/4" = 1'-0"

FLOOR JOIST SCHEDULE

LIVE LOAD	SPACING	
	14 GA JOIST	12 GA JOIST
50 PSF	48" OC	48" OC
100 PSF	24" OC	24" OC
125 PSF	-	24" OC

NOTES:
1. FOR JOISTS SEE 1A/S2 AND 1B/S2.
2. SPACING IS TO CENTER LINE OF TOP FLANGE.
3. PROVIDE 12 GA JOIST WHERE PARTITION BEARS DIRECTLY OVER JOIST.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: 1
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: MAR 01 2001

FILE NO. PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
02-101827
AC FLS SS
DATE JAN 12 2000

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE ITEMS LISTED BELOW HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS WHO ARE LICENSED AND AUTHORIZED TO PREPARED SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.
THE ITEMS LISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE BEEN DELIGATED RESPONSIBILITY FOR THIS PORTION OF THE WORK).
A LIST OF ITEMS HAVE BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED ARE SHEET NO.)

LICENSED ARCHITECT STEPHEN J. CURRY No. C-16788 REN 11/30/01 STATE OF CALIFORNIA

STEPHEN J. CURRY, AIA DATE 8/23/00

LICENSE # C-16788

EXP. DATE 11/30/01

24 x 40
RELOCATABLE
CLASSROOM

American Modular Systems

REGISTERED PROFESSIONAL ENGINEER Kenneth A. Luttrell No. 1418 EXP. 3-31-01 Structural Engineer STATE OF CALIFORNIA

CUSTOMER:

FLOOR FRAMING PLAN AND DETAILS

DATE: 12/27/99
SCALE: AS NOTED
DRAWN BY: PWD
DESIGNED BY: MDB
CHECKED BY: KAL
SERIAL NO.

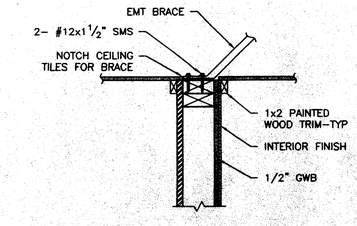
REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			4		
2			5		
3			6		

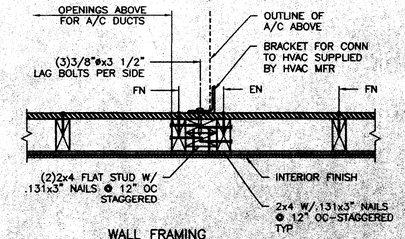
PROJECT No. 99100

SHEET No. 24-S2

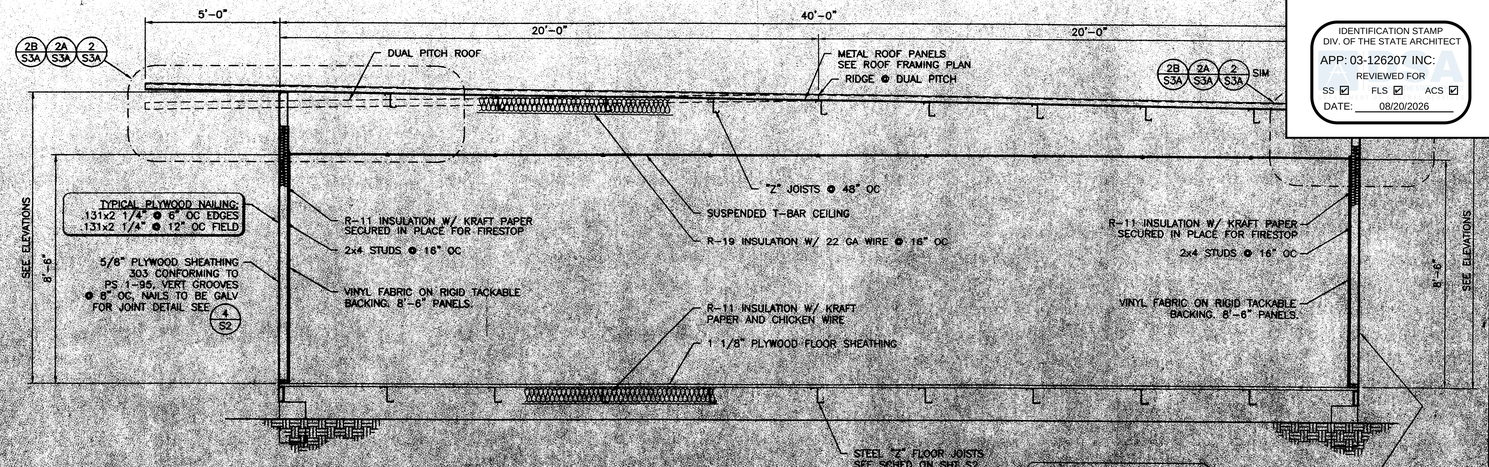
M:\99100\ACAD\STRU\S2.dwg 12-27-99 10:58:13 am EST



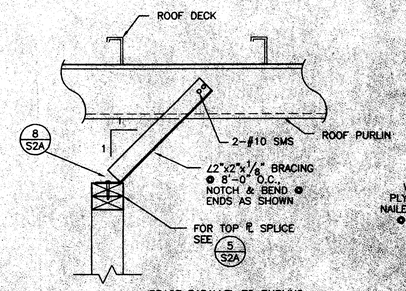
WALL FRAMING
DETAIL
6 / S2A
1 1/2" = 1'-0"



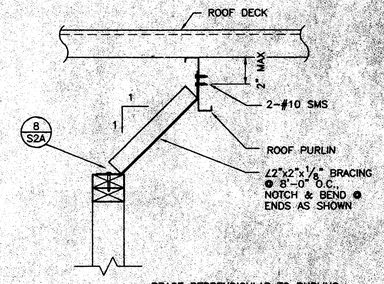
WALL FRAMING
PLAN DETAIL
3 / S2A
1 1/2" = 1'-0"



TYPICAL LONGITUDINAL SECTION
A / S2A
3/8" = 1'-0"

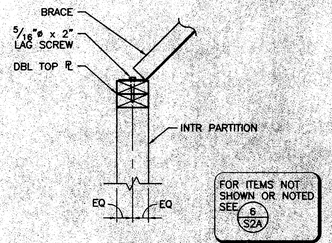


BRACE PARALLEL TO PURLINS

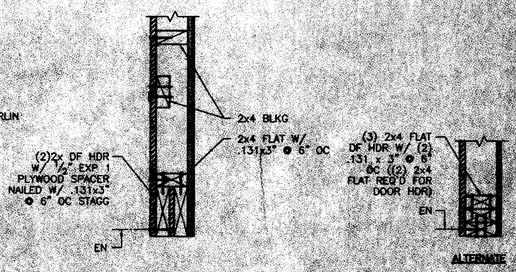


BRACE PERPENDICULAR TO PURLINS

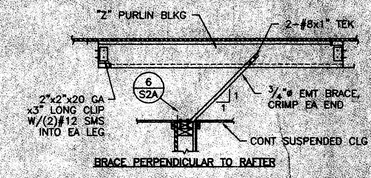
ALT. WALL FRAMING
DETAIL
7 / S2A
1 1/2" = 1'-0"



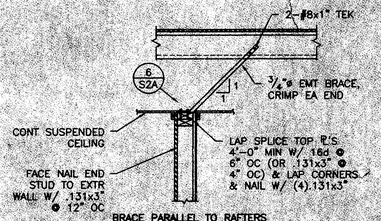
WALL FRAMING
DETAIL
8 / S2A
1 1/2" = 1'-0"



WALL FRAMING
DETAIL
4 / S2A
1 1/2" = 1'-0"



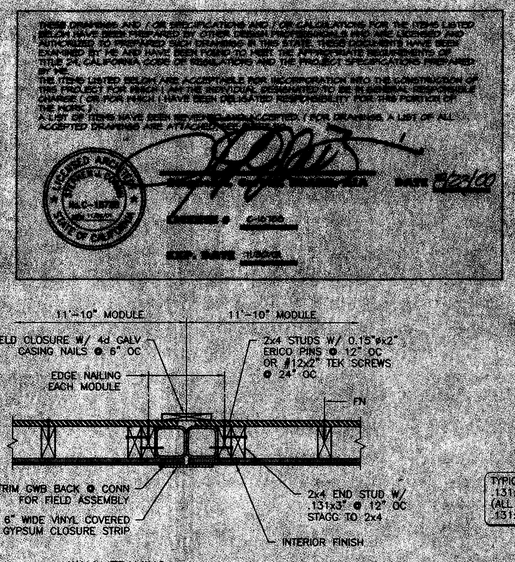
BRACE PERPENDICULAR TO RAFTER



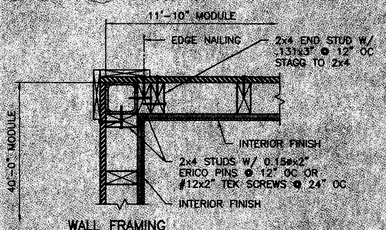
BRACE PARALLEL TO RAFTERS

NOTE:
TOP R MUST BE BRACED @ 8'-0" MAX BY EITHER AN INTERSECTING WALL OR WITH AN EMT BRACE TO THE RAFTERS.

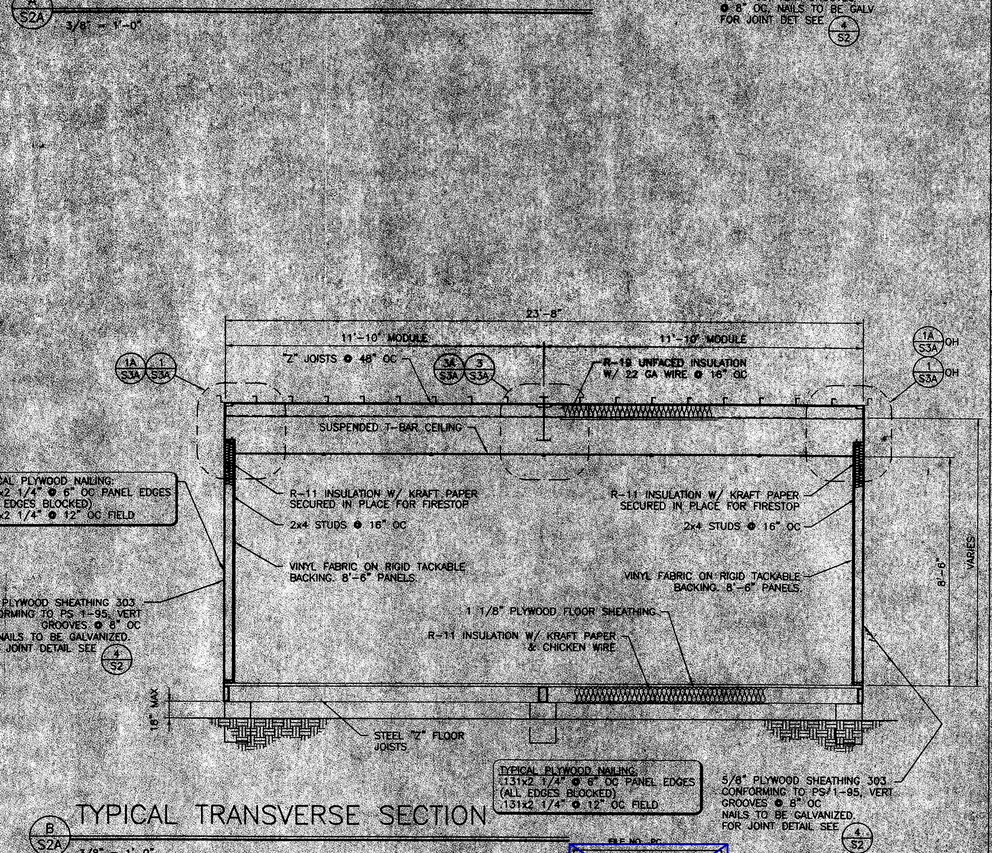
WALL FRAMING
DETAIL
5 / S2A
NO SCALE



WALL FRAMING
PLAN DETAIL
1 / S2A
1 1/2" = 1'-0"



WALL FRAMING
PLAN DETAIL
2 / S2A
1 1/2" = 1'-0"



TYPICAL TRANSVERSE SECTION
B / S2A
3/8" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THIS PROJECT HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION AND I HEREBY DECLARE THAT I AM THE DESIGNER AUTHORIZED TO PERFORM SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN PREPARED IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND THE PROJECT SPECIFICATIONS AS REVIEWED AND APPROVED BY ME.
THE ITEMS LISTED BELOW ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT FOR WHICH I AM THE INDIVIDUAL DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE (OR FOR WHICH I HAVE BEEN DELEGATED RESPONSIBILITY FOR THE PORTION OF THE WORK).
ALL OF ITEMS HAVE BEEN REVIEWED AND ACCEPTED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS ARE ATTACHED)
REGISTERED ARCHITECT / ENGINEER
SIGNATURE
DATE 12/20
PRINT NAME
REG. NUMBER

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
(99-101857)
AC FLS SS
DATE JAN 12 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP NO: 10-02 4
AC FLS SS
DATE MAR 01 2001

24 x 40
RELOCATABLE
CLASSROOM

American Modular Systems

REGISTERED PROFESSIONAL ENGINEER
Kenneth A. Luttrell
No. 1418
EXP. 3-31-01
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

BUILDING SECTIONS AND WALL DETAILS

DATE:	12/27/99
SCALE:	AS NOTED
DRAWN BY:	PWD
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			5		
2			6		
3			7		
4			8		

PROJECT No.
99100

SHEET No.
24-S2A

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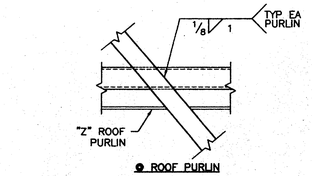
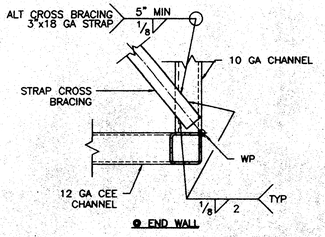
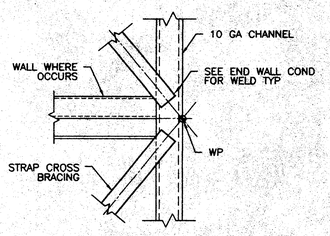


● ROOF PURLIN



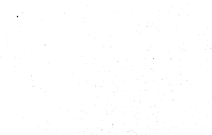
● END WALL



● ROOF CHANNEL

CROSS BRACING DETAIL

1 / S3 — 1 1/2" = 1'-0"

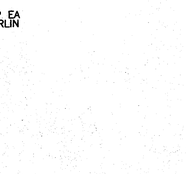


Sx = 1.484 in³
Ix = 2.60 in⁴

10 GA ROOF PURLIN

Sx = 1.501 in³
Ix = 3.002 in⁴

12 GA ROOF PURLIN



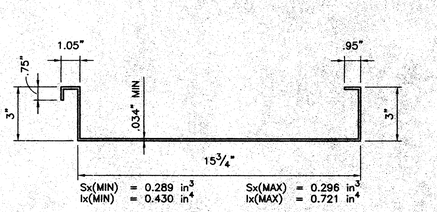
Sx = 1.65 in³
Ix = 4.95 in⁴

14 GA ROOF PURLIN

JOIST FABRICATED FROM ASTM A570 GRADE 36, HOT ROLLED SHEETS. JOISTS TO BE GIVEN A RUST INHIBITIVE COATING.

DETAIL

2 / S3 — 3" = 1'-0"



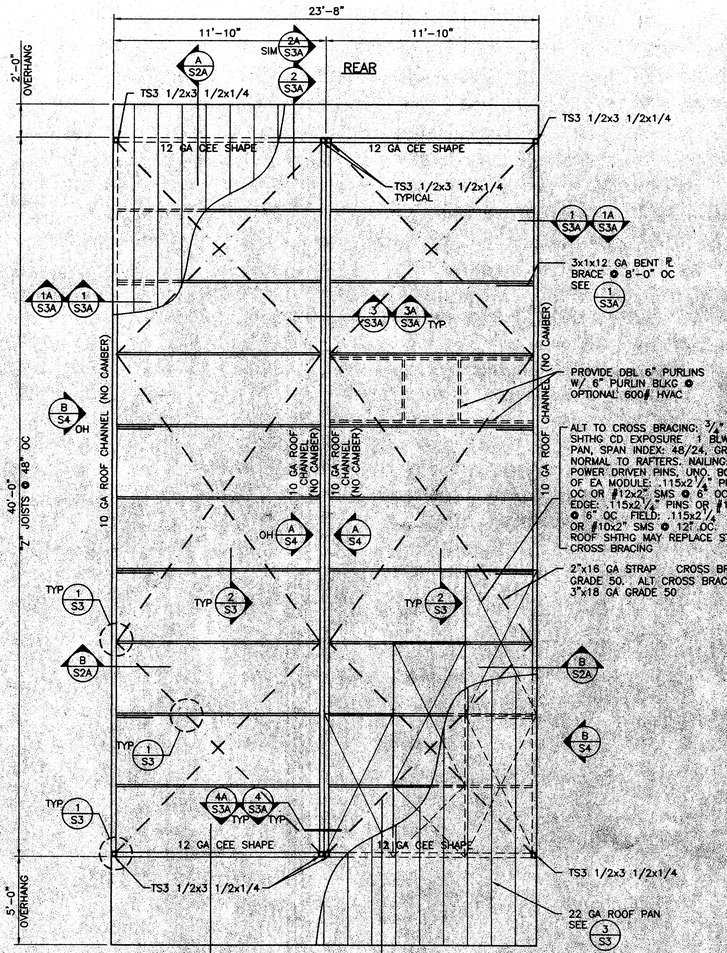
Sx(MIN) = 0.289 in³
Ix(MIN) = 0.430 in⁴

Sx(MAX) = 0.296 in³
Ix(MAX) = 0.721 in⁴

PAN FABRICATED FROM ASTM A570 GRADE 36, HOT ROLLED SHEETS. PAN TO BE GIVEN A RUST INHIBITIVE COATING.

22 GA ROOF PAN DETAIL

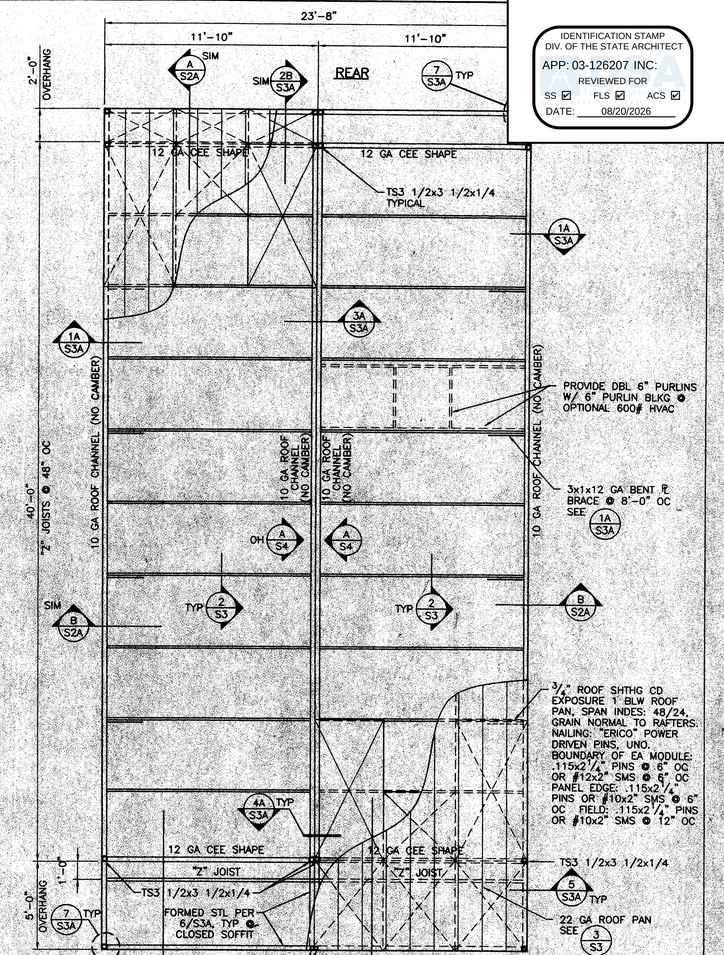
3 / S3 — 3" = 1'-0"



NOTES:
1. SEE SHEET S4 FOR TYPICAL WALL FRAMING.
2. C12x20.7 ASTM A36 BEAMS MAY BE SUBSTITUTED WHEREVER 10 GA ROOF CHANNELS ARE SHOWN ON ROOF PLAN.

MONO/DUAL PITCH – OPEN SOFFIT ROOF FRAMING PLAN

A / S3 — 1/4" = 1'-0"

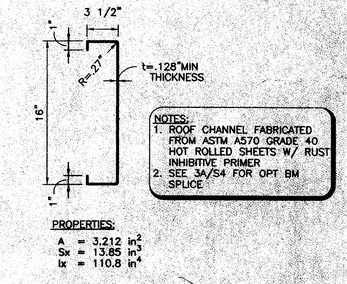


NOTES:
1. SEE SHEET S4 FOR TYPICAL WALL FRAMING.
2. C12x20.7 BEAMS MAY BE SUBSTITUTED WHEREVER 10 GA ROOF CHANNELS ARE SHOWN ON ROOF PLAN.

ALTERNATE
MONO/DUAL PITCH – CLOSED SOFFIT W/ 3/4" ROOF PLYWOOD

ROOF FRAMING PLAN

B / S3 — 1/4" = 1'-0"



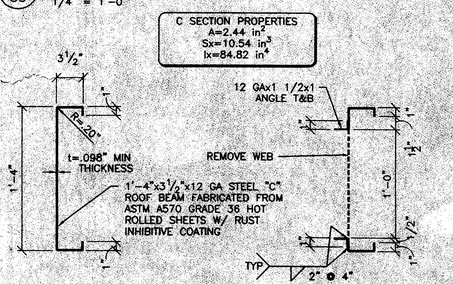
NOTES:
1. ROOF CHANNEL FABRICATED FROM ASTM A570 GRADE 40 HOT ROLLED SHEETS W/ RUST INHIBITIVE PRIMER
2. SEE 3A/S4 FOR OPT BM SPLICE

PROPERTIES:
A = 3.212 in²
Sx = 13.85 in³
Ix = 110.8 in⁴

10 GA ROOF CHANNEL

DETAIL

4 / S3 — 1 1/2" = 1'-0"

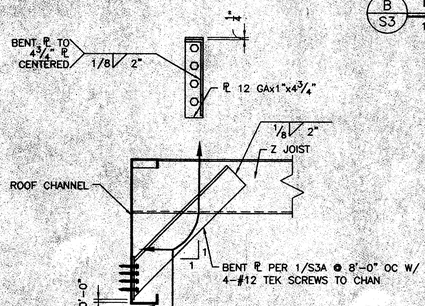


TYPICAL SECTION — SECTION @ DUCT OPENING

12 GA ROOF CHANNEL

DETAIL

5 / S3 — 1 1/2" = 1'-0"



NOTE: FOR ITEMS NOT NOTED SEE 1/S3A.

DETAIL

6 / S3 — 1 1/2" = 1'-0"

THESE DRAWINGS AND / OR SPECIFICATIONS AND / OR CALCULATIONS FOR THE ITEMS LISTED BELOW WHICH I SIGN AND SEAL WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION WHILE I WAS LICENSED AND AUTHORIZED TO PREPARED SUCH DRAWINGS IN THIS STATE. THESE DOCUMENTS HAVE BEEN EXAMINED BY ME AND HAVE BEEN FOUND TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME.
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A LIST OF ITEMS HAVE BEEN ATTACHED AND INITIATED. (FOR DRAWINGS, A LIST OF ALL ACCEPTED DRAWINGS)

REGISTERED ARCHITECT — KENNETH A. LUTTRELL — No. C-19788 — STATE OF CALIFORNIA

SIGNATURE — DATE 06/30/00
LICENSE # C-19788
EXP. DATE 11/30/01

FILE NO. PC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO. 02-NW387
AC. — FLS — SS
DATE JAN 1 2 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP#: 10 [illegible] 1
AC. — FLS — SS
DATE MAR 0 1 2007

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

24 x 40
RELOCATABLE
CLASSROOM

American Modular Systems

REGISTERED PROFESSIONAL ENGINEER — Kenneth A. Luttrell — No. 1418 — EXP. 3-31-01 — Structural Engineer — STATE OF CALIFORNIA

CUSTOMER:

ROOF FRAMING PLANS AND DETAILS

DATE:	12/27/99
SCALE:	AS NOTED
DRAWN BY:	PWD
DESIGNED BY:	MDB
CHECKED BY:	KAL
SERIAL NO.	

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION

PROJECT No. 99100

SHEET No. 24-S3

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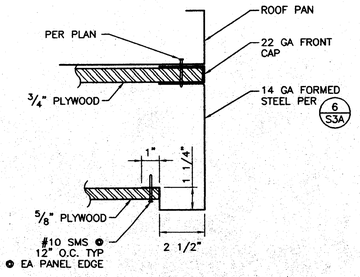
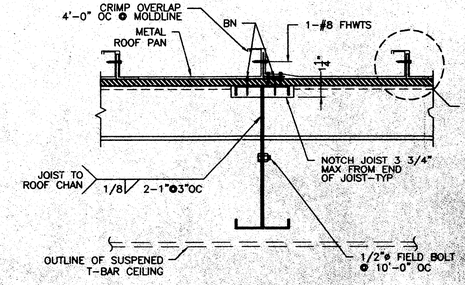


ALT ENCLOSED SOFFIT W/ PLYWOOD DECKING

5/S3A DETAIL

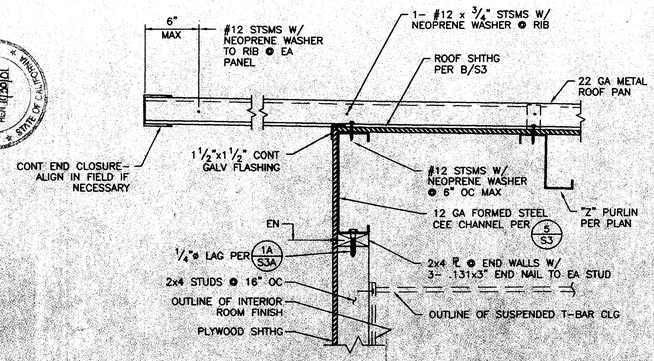
3" = 1'-0"



ALT W/ ROOF PLYWOOD SHTHG

3A/S3A DETAIL

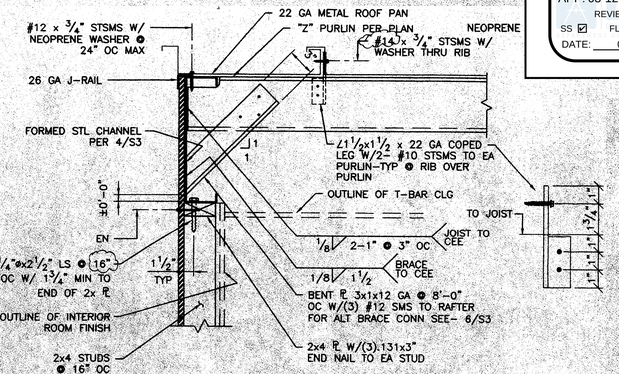
1 1/2" = 1'-0"



ALT W/ PLYWOOD SHTHG (2'-0" OVERHANG DETAIL SIM)

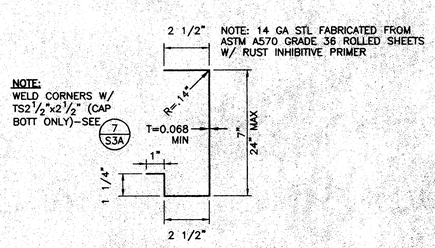
2A/S3A 5'-0" OVERHANG DETAIL

1 1/2" = 1'-0"



1/S3A DETAIL

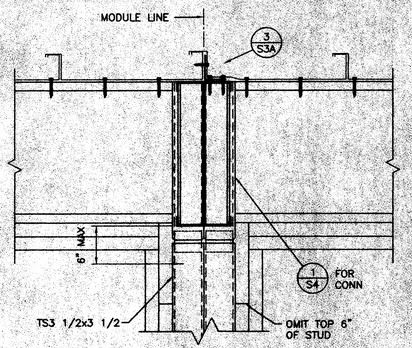
1 1/2" = 1'-0"



14 GA FORMED STEEL CEE ALT ENCLOSED SOFFIT

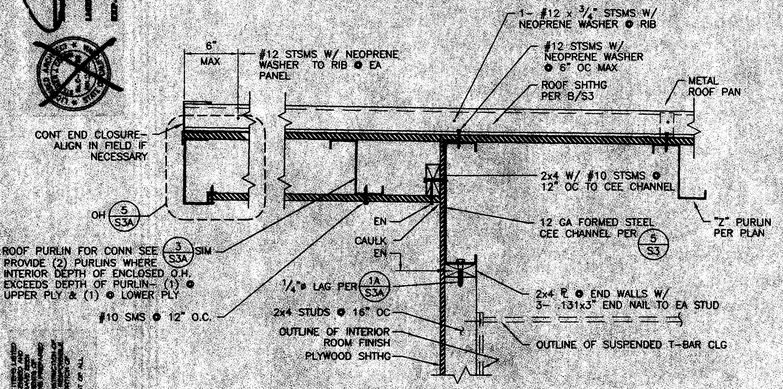
6/S3A DETAIL

3" = 1'-0"



4/S3A DETAIL

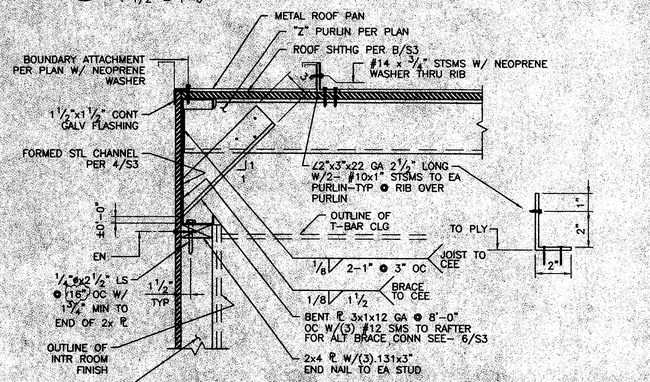
1 1/2" = 1'-0"



ALTERNATE ENCLOSED SOFFIT & ROOF PLYWOOD (2'-0" OVERHANG DETAIL SIM)

2B/S3A 5'-0" OVERHANG DETAIL

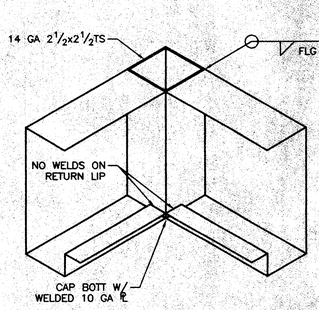
1 1/2" = 1'-0"



ALTERNATE ROOF W/ PLYWOOD SHEATHING

1A/S3A DETAIL

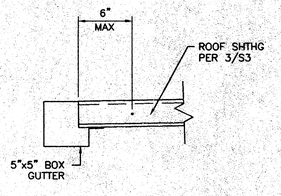
1 1/2" = 1'-0"



ALT ENCLOSED SOFFIT STL PROFILE

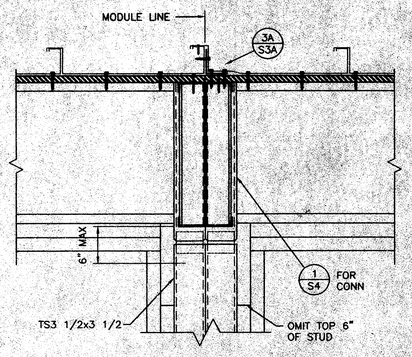
7/S3A DETAIL

NO SCALE



8/S3A DETAIL

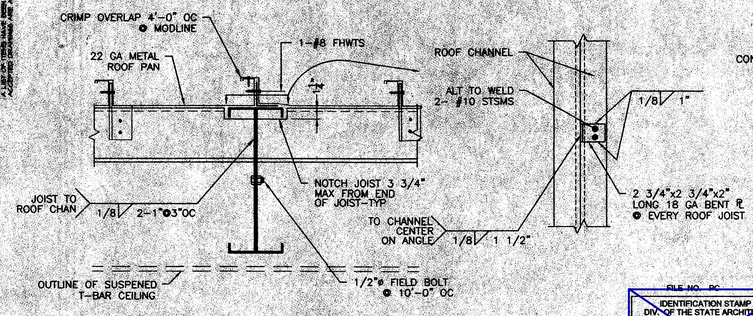
NO SCALE



ALT W/ PLYWOOD DECKING

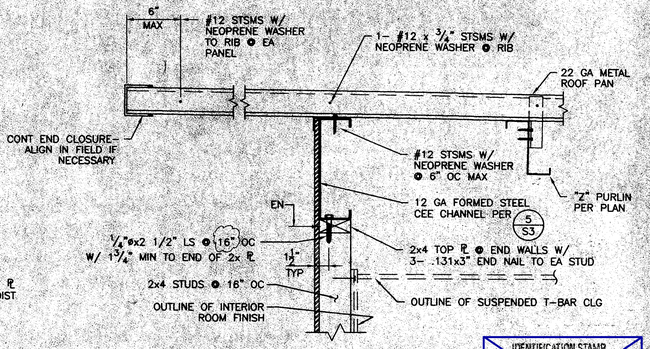
4A/S3A DETAIL

1 1/2" = 1'-0"



3/S3A DETAIL

1 1/2" = 1'-0"



(2'-0" OVERHANG DETAIL SIM)

2/S3A DETAIL

1 1/2" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

FILE NO. PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPLICATION NO.
03-101627
AC FLS SS
DATE JAN 1 2 2000

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP03- 1 0 1 2 7 1
AC FLS SS
DATE MAR 0 1 2001

24 x 40
RELOCATABLE
CLASSROOM

American Modular Systems

Kenneth A. Luttrell
No. 1418
EXP. 3-31-01
Structural Engineer
STATE OF CALIFORNIA

CUSTOMER:

ROOF FRAMING DETAILS

DATE: 12/27/99
SCALE: AS NOTED
DRAWN BY: PWD
DESIGNED BY: MDB
CHECKED BY: KAL
SERIAL NO.

REVISIONS

NO	DATE	DESCRIPTION	NO	DATE	DESCRIPTION
1			4		
2			5		
3			6		

PROJECT No. 99100

SHEET No. 24-S3A

M:\99100\ACAD\STRU\S3a.dwg 10-26-99 10:35:12 am EST

BUILDINGS 25 & K-5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

JOB# 4736

MODULAR CLASSROOM BUILDING

FOR WILLIAMS SCOTSMAN

BUILDING SIZE: 24'x40'(50 UNITS)

STOCKPILE

CLASS LEASING INC
STOCKPILE 76- A# 04-105455 CERTIFIED 3/25/2005
SERIAL NUMBERS
47944-001/002
47945-001/002
47946-001/002
47947-001/002
47948-001/002
47949-001/002
47962-001/002
47963-001/002
47980-001/002
47981-001/002
48721-001/002
48722-001/002
48724-001/002
48725-001/002
48726-001/002
48728-001/002
48733-001/002
48734-001/002

PC-04-104796

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 10 4 84
AC FLS SS
DATE JUL 10 2003
ACS: Xavier Orozco, Mechanical

PC
CBC 2001

BUILDING DATA

STRUCTURAL DESIGN: ORDINARY MOMENT RESISTANT FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
SEISMIC ZONE 4, SEISMIC SOURCE TYPE A, DISTANCE ≤1.25 MILES
Z = .4 I = 1.0 Cv = 1.28 Nv = 2.0
R = 4.5 Ca = 0.66 Na = 1.5 SOIL TYPE = S_D
FLOOR LIVE LOAD: 50 PSF
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2
BUILDING AREA: 24'x40' BUILDING = 960 SF
-COMPLIES WITH CLIMATE ZONES 1-15
THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.

APPLICABLE CODES

2001 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1, 2, AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA ELECTRICAL CODE (CEC), (PART 3, TITLE 24, CCR) (1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA MECHANICAL CODE (CMC), (PART 4, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA PLUMBING CODE (CPC), (PART 5, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
1/–	DETAIL (1) ON SAME SHEET AS SYMBOL
1/2	DETAIL (1) ON SHEET (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
A/2	SECTION "A" ON SHEET (2)
1	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
A	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	RAMP – SEE RAMP DRAWINGS

ABBREVIATIONS

AGC = ABOVE GRADE CONCRETE
BGC = BELOW GRADE CONCRETE
DIA = DIAMETER
CLR = CLEAR
GA = GAUGE
MAX = MAXIMUM
MIN = MINIMUM
NIC = NOT IN CONTRACT
NTS = NOT TO SCALE
OC = ON CENTER
OD = OUTSIDE DIAMETER
OSB = ORIENTED STRAND BOARD
ROH = ROOF OVERHANG
SIM = SIMILAR
STS = SELF TAPPING SCREW
STSMS = SELF TAPPING SHEET METAL SCREW
TYP = TYPICAL
UON = UNLESS OTHERWISE NOTED

NOTES

SECTION 2213A.4.1 OF THE 2001 CBC
ALL WELDS IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEM SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F.

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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SHEET INDEX

ARCHITECTURAL

25-A.0 TITLE SHEET
~~A1.0 FLOOR PLAN~~
25-A1.1 FLOOR PLAN
~~A1.1R~~ ~~[illegible]~~
~~A2.01 REFLECTED CEILING PLAN (8 LIGHTS)~~
~~A2.02 REFLECTED CEILING PLAN (10 LIGHTS)~~
~~A2.03 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A2.04 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A2.00 REFLECTED CEILING DETAILS~~
~~A3.01 ROOF PLAN 22 GA.~~
~~A3.02 ROOF PLAN 22 GA.~~
~~A3.03 ROOF DETAILS~~
25-A4.01 EXTERIOR ELEVATIONS (DUAL PITCH) W/ FASCIA
~~A4.02 EXTERIOR ELEVATIONS (DUAL PITCH) W/O FASCIA~~
25-A4.03 ARCHITECTURAL DETAILS (WOOD STUDS)
~~A4.03M ARCHITECTURAL DETAILS (METAL STUDS)~~
~~A4.04 ARCHITECTURAL DETAILS (WOOD STUDS)~~
~~A4.04M ARCHITECTURAL DETAILS (METAL STUDS)~~
~~A5.01 EXTERIOR ELEVATIONS~~
~~A5.02 INTERIOR ELEVATIONS~~
~~A6.01 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES~~
~~A6.02 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES~~
~~A8.0 SPECIFICATIONS~~
~~A8.1 SPECIFICATIONS~~
~~A8.2 SPECIFICATIONS~~

STRUCTURAL SS: V. GARCIA
~~F1.0 FOUNDATION PLAN 50 PSF LL (WOOD)~~
25-F1.01 FOUNDATION PLAN 50 PSF LL (WOOD)
~~F2.0 FOUNDATION DETAILS (WOOD) W/ 3 PLATES~~
F2.01 FOUNDATION DETAILS (WOOD) W/ 3 PLATES
S1.0 FLOOR FRAMING PLAN 50 PSF LL
25-S1.2 FLOOR FRAMING DETAILS (TYPICAL)
~~S2.0 ROOF FRAMING PLAN (DUAL PITCH) W/ FASCIA~~
~~S2.01 ROOF FRAMING PLAN (DUAL PITCH) W/O FASCIA~~
~~S2.1 ROOF FRAMING DETAILS (TYP.)~~
~~S2.2 ROOF FRAMING DETAILS (TYP.)~~
~~S3.0 STRUCTURAL ELEVATIONS & DETAILS (DUAL PITCH) W/ FASCIA~~
~~S3.01 STRUCTURAL ELEVATIONS & DETAILS (DUAL PITCH) W/O FASCIA~~
~~S3.02 STRUCTURAL ELEVATIONS & DETAILS (DUAL PITCH) W/O FASCIA~~
~~S4.0 WALL FRAMING (WOOD)~~
~~S4.1 WALL FRAMING (METAL)~~
~~S4.1M WALL FRAMING (METAL)~~
~~S4.1N WALL FRAMING (METAL)~~
~~S5.0 WALL FRAMING DETAILS (WOOD)~~
~~S5.0M WALL FRAMING DETAILS (METAL)~~
~~S5.1 WALL FRAMING DETAILS (WOOD)~~
~~S5.1M WALL FRAMING DETAILS (METAL)~~
~~S5.2 WALL FRAMING DETAILS (WOOD)~~
~~S5.2M WALL FRAMING DETAILS (METAL)~~

MECHANICAL
M1.0 MECHANICAL (HVAC) PLAN – 4 TON
~~M1.01 MECHANICAL (HVAC) PLAN – 5 TON~~
~~M1.02 MECHANICAL (HVAC) PLAN – 5 TON~~

ELECTRICAL
E1.01 ELECTRICAL PLAN
E1.02 ELECTRICAL PLAN
E1.03 ELECTRICAL PLAN
E1.04 ELECTRICAL PLAN

RAMP
~~R1.01 4 FOOT RAMP/LANDING PLAN~~
25-R1.02 RAMP/STAIRS DETAILS
~~R2.01 OFFSET RAMP/LANDING PLAN~~
~~R2.02 OFFSET RAMP/STAIRS DETAILS~~
~~R3.01 FULL LENGTH RAMP/LANDING W/O DETAILS~~
~~R4.01 CONCRETE RAMP/LANDING~~
25-R5.01 5 FOOT RAMP/LANDING PLAN, 11" RISE/RUN
~~R5.02 5 FOOT RAMP/LANDING, [illegible]~~

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104455
AC FLS SS
DATE JUL 17 2003
ACS: E. Cisneros
AC: A.M. Smith

FILE PATH:

DGS State of California • Department of General Services • Gray Davis, Governor
DIVISION OF THE STATE ARCHITECT
Headquarters: 1130 K Street, Suite 101 • Sacramento, CA 95814 • (916) 445-8100

PC-04-104796

STRUCTURAL TESTS AND INSPECTIONS

Testing Laboratory: | Date: | File Number:
Name: | Application Number:
Project Owner:
Architect:
Structural Engineer:
The following tests and inspections, as checked, will be required as detailed in applicable specifications.

	Concrete	Gunite	Grout	Mortar	
COMPACTED FILL					
☐ Fill material, exceptions tests					Test of aggregates for mix design only
☐ Compaction control, continuous					Suitability tests of aggregates as detailed below
☐ Compaction tests only as ordered					Mix designs
☐ Bearing capacity of compacted fill					Continuous batch plant inspection
REINFORCING STEEL					Inspect placing
☐ Sample and test bar steel					Sample
☐ Sample and test mesh					Compression tests
☐ Inspect placing at job					Pick up samples at job
STRUCTURAL STEEL					Samples delivered to laboratory
☒ Sample and test as detailed below					Deliver sample forms to job site
☒ Shop fabrication inspection					Sample and test cement
☐ Field erection inspection					
☒ Inspection of welds - Shop					
☐ Inspection of welds - Field					
☐ Inspection of dwelling or bolting - Shop					
☐ Inspection of dwelling or bolting - Field					
☐ Sample and test high strength bolts and washers					
BRICK AND BLOCK					
☐ Sample and test					
☐ Test only					
☐ Inspection of placing					
☐ Core slot samples					
GLUED LAMINATED STRUCTURAL LUMBER					
☐ Fabrication inspection					
☐ Sample and test steel connectors					
☐ Inspect fabrication of steel connectors					

Suitability Tests	Concrete	Gunite	Grout	Mortar
☐ Sodium sulphate				
☐ Structural strength				
☐ Los Angeles rattler				
☐ Clay (Hydrometer method)				
☐ Reactivity tests				
☐ Volume change				

Mix designs: Concrete, Gunite, Mortar, or Grout

Material	Maximum Size	Compressive Strength, PSI, Minimum						

List of structural steel members to be tested:
ALL UNIDENTIFIED STEEL PER CBC CHAPTER 22A (MILL CERTS)

Is this list continued on reverse? ☐ YES ☐ NO

Other tests and inspections, together with special instructions:

Copies of reports to: OPSC, AOR

Are these instructions continued on reverse? ☐ YES ☐ NO

By: Authorized Representative

SSS 103-T (Revised 8/98)

(Old 101419)

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
LICENSED ARCHITECT
FRED WINCKLER HALLOCK
No. C-04539
12/31/03
RENEWAL DATE
STATE OF CALIFORNIA

Architects Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104796
AC FLS SS
DATE 5/5/03

MODTECH™ INC.
2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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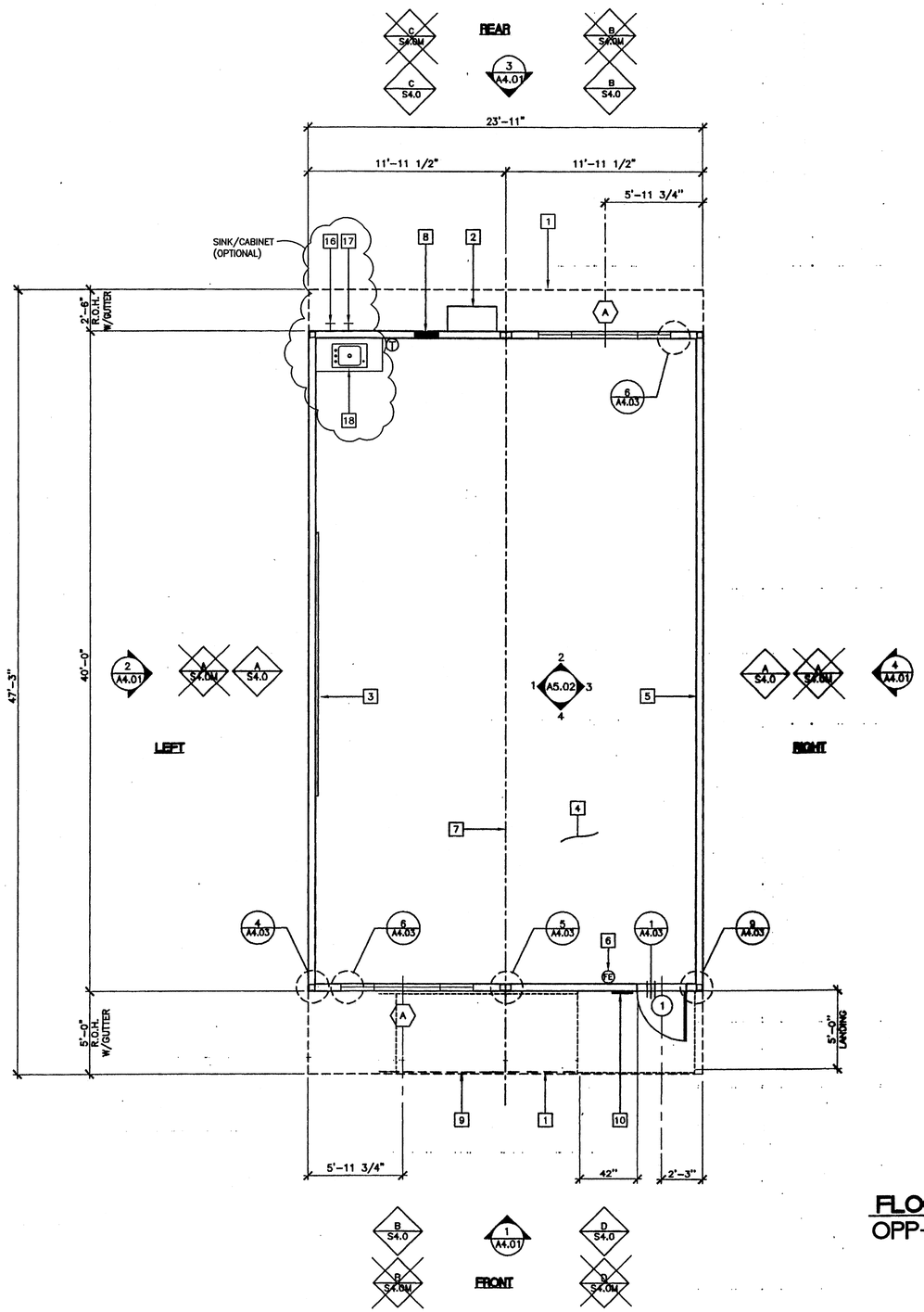
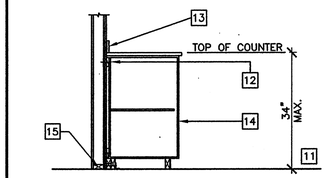
DRAWN BY: GL
DATE: 07/07/03
CHECKED BY:
DATE: STKP-76

MODTECH Index No.
25-A.0

COVER SHEET

PROJECT NO. 4736
PC-04-104796



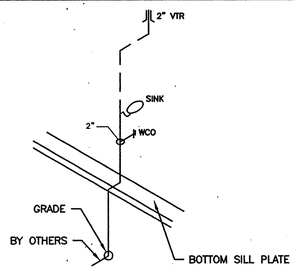


NOTES:
1. SEE PLANS AND ELEVATIONS FOR EACH SPECIFIC DESIGN.
2. REMOVE TOE KICK AND BASE FOR ACCESSIBLE CONDITION
3. PROVIDE U SHAPED WIRE PULLS AT ALL ACCESSIBLE CASEWORK OR EQUAL.

(OPTIONAL)

SCALE: NTS

BASE CABINET ANCHORAGE | 1

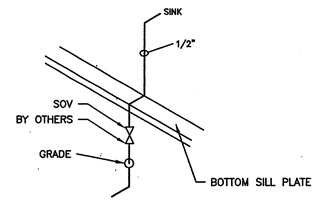


(OPTIONAL)

SCALE: NTS

PIPE SHALL BE TYPE ABS

SINK CABINET WASTE | 2



(OPTIONAL)

SCALE: NTS

PIPE SHALL BE TYPE 'L' COPPER

SINK CABINET COLD WATER SUPPLY | 3

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. 2 – 8'x4' PORCELAIN STEEL MARKER BOARDS (SEE SPEC'S FOR TYPE)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. FIRE EXTINGUISHER – 5 LBS DRY CHEMICAL WITH 2A–10BC UL RATING WALL MOUNTED BRACKET, HANDLE AT 48" AFF
7. MODLINE (M)
8. ELECTRICAL PANEL
9. RAMP/LANDING (RAMP) SEE RAMP DRAWINGS
10. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY, SEE A6.02
11. FINISH FLOOR
12. 4"x22 GA CONTINUOUS METAL STRAPS WITH #14 STSMS AT 24" OC
13. BACK SPLASH
14. BASE CABINET
15. BOTTOM PLATE
16. COLD WATER P.O.C. SEE DETAIL# 3
17. WASTE P.O.C. SEE DETAIL# 2
18. CLASSROOM SINK, TYP. SEE A5.02
    SINK: CRAC–ADA–1725–A–GR
    FAUCET: CHICAGO 350. BUBBLER: JSB 10

(OPTIONAL)

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER. MANU–FACTURER'S NAME AND SERIAL NUMBER.
2. METAL TAG MIN. 3 1/2"X1 1/2" STAMPED METAL I.D. W/
   1. OPSC BUILDING NUMBER
   2. DESIGN WIND LOAD
   3. DESIGN ROOF LOAD
3. PROVIDE MIN. 3 1/2"X1 1/2" METAL TAG INSTALLED INSIDE THE ELECTRICAL PANEL SHOWING OPSC NUMBER AND DSA NUMBER.
3. BLDG. MANUFACTURER RO VERIFY W/ CUSTOMER IF SINK AND CABINET OPTION APPLIES.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 104455
AC A5 FLS SS
DATE JUL 17 2003

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
04 104455
AC FLS SS
DATE JUL 17 2003

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

FILE PATH:

FLOOR PLAN
OPP-HAND

24x40
SCALE: 1/4" = 1'-0"

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
LICENSED ARCHITECT
FRED VINCENT HAMMOND
No. C-24629
12/31/05
RENEWAL DATE
STATE OF CALIFORNIA

Architects Seal

PC
CBC 2001
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104796
AC FLS SS
DATE 5/10/03

MODTECH INC.™
2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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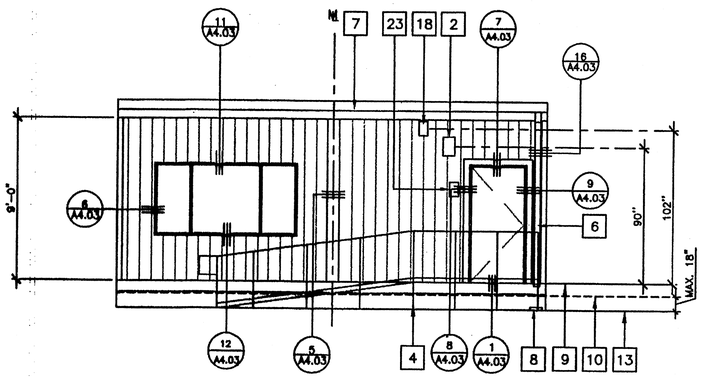
DRAWN BY: GL
DATE: 07/07/03
CHECKED BY:
DATE:

MODTECH Index No.
25-A1.1

FLOOR PLAN

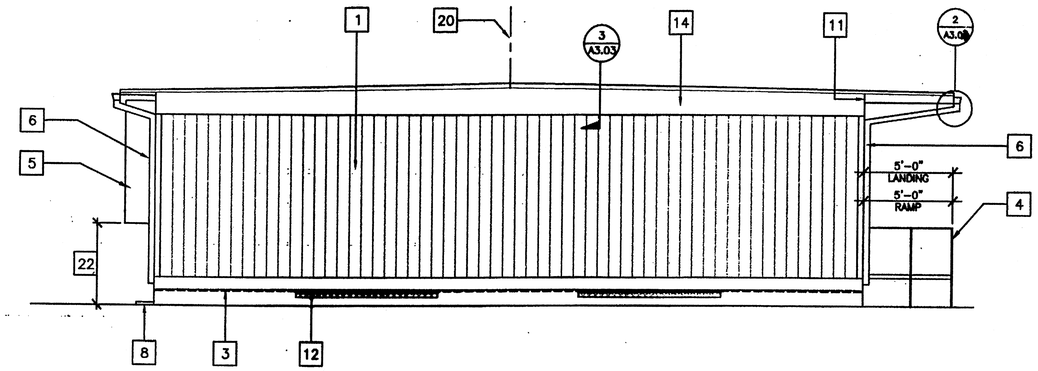
PROJECT NO. 4736
PC-04-104796



1 FRONT ELEVATION

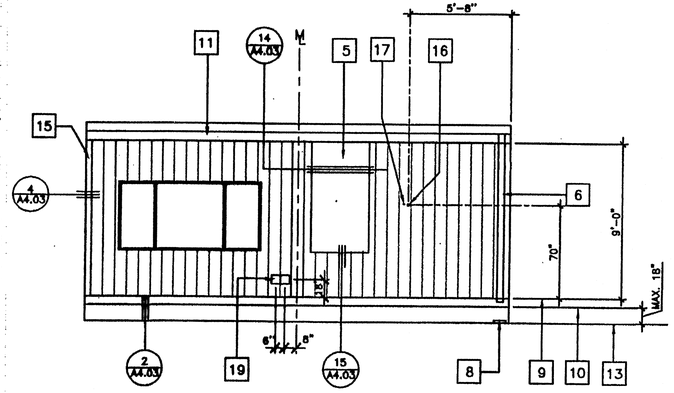
OPP-HAND

1/4" = 1'-0"



2 LEFT ELEVATION

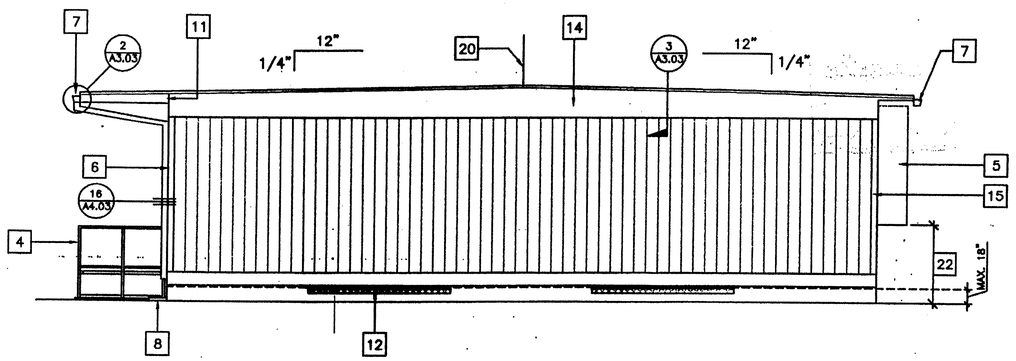
1/4" = 1'-0"



3 REAR ELEVATION

OPP-HAND

1/4" = 1'-0"



4 RIGHT ELEVATION

1/4" = 1'-0"

KEY NOTES

1. TYPICAL EXTERIOR SIDING (SEE A6.02)
2. EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
3. TOP OF SKIRTING
4. RAMP AND LANDING (RAMP) SEE RAMP DRAWINGS
5. HVAC UNIT. SEE (HV)
6. DOWNSPOUT (TYP.) FOR (2). FASTEN TO BLD'G. TYP 3 PLACES (SEE 16/A4.03)
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN) SEE A3.01
8. SPLASH BLOCK (BY OTHERS)
9. FINISH FLOOR LINE
10. BOTTOM FLANGE OF FLOOR BEAM
11. ROOF HEADER
12. VENT. SEE FOUNDATION PLAN
13. FINISH GRADE
14. ROOF BEAM SEE (STR)
15. COLUMN SEE (STR)
16. ELECTRICAL STUB-OUT SEE (EL)
17. GROUND STUB-OUT SEE (EL)
18. J BOX FOR EXT. FA HORN SEE (EL)
19. NEMA 6" X 6" GUTTER BOX SEE (EL)
20. RIDGE
21. NOT USED
22. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" THEN PROTECTION MUST BE PROVIDED BY DISTRICT PRIOR TO OCCUPANCY
23. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. SEE SHEET A6.02

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NOTES

1. SEE FOUNDATION PLAN FOR SIZE AND LOCATION OF UNDER FLOOR VENTS.

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1			LICENSED ARCHITECT FREDERICK HALLOCK No. C-24639 RENEWAL 12/31/05 STATE OF CALIFORNIA	
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MODTECH INC.™
2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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EXTERIOR ELEVATIONS W/ FASCIA

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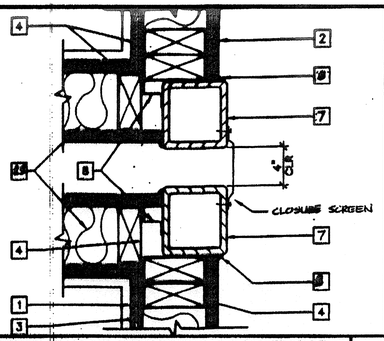
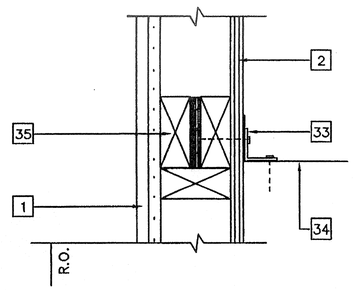
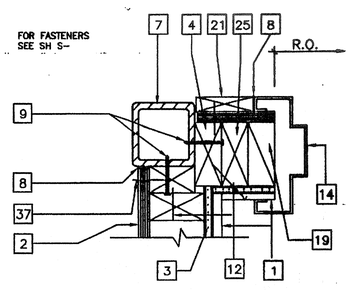


CLOSURE BETWEEN BLDG'S | 17



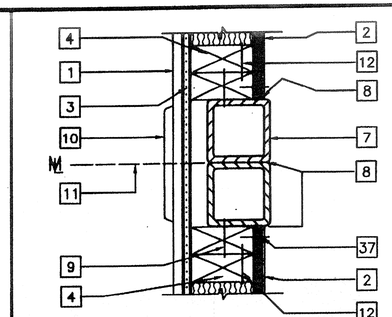
SCALE: NTS

UNIT ATTACHMENT | 13



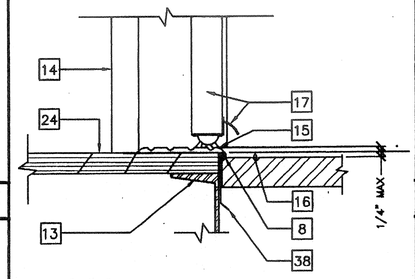
SCALE: 3"=1'-0"

DOOR JAMB | 9



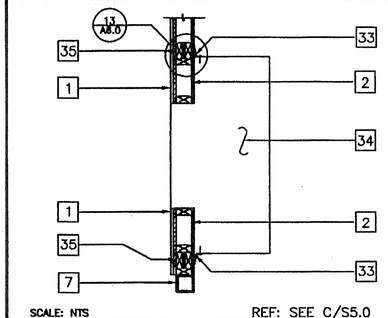
SCALE: 3"=1'-0"

COLUMN • MODLINE | 5



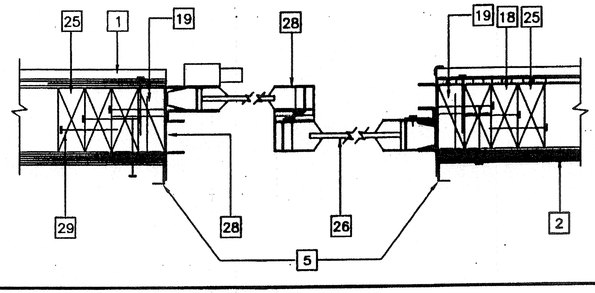
SCALE: 3"=1'-0"

THRESHOLD | 1



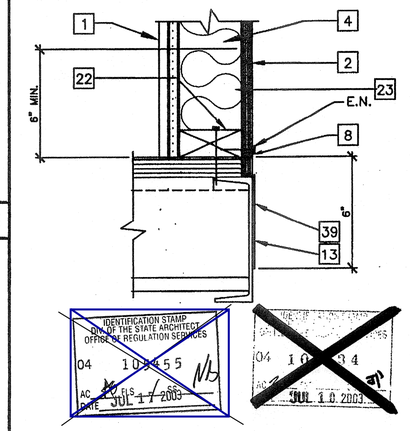
SCALE: NTS REF: SEE C/S5.0

A.C. UNIT (PLAN) | 14



SCALE: 3"=1'-0"

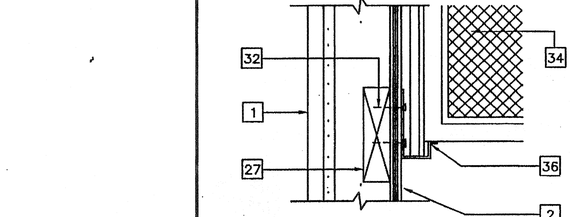
WINDOWS SECTION • JAMBS | 6



NOTE: FLASHING AS SHOWN SUPPLIED BY MODTECH. SEE NOTE #21 ANY OTHER FLASHING OR EXTENSION IS THE RESPONSIBILITY OF THE SITE CONTRACTOR OR SCHOOL DISTRICT

SCALE: 3"=1'

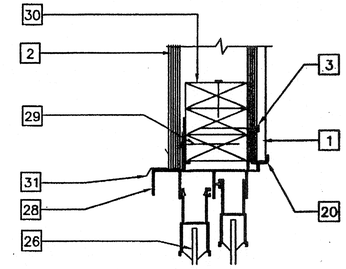
TYPICAL SILL • FLOOR | 2



REF: SEE C/S5.0

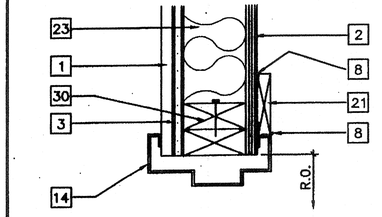
SCALE: 3"=1'

A.C. UNIT (BOTTOM) | 15



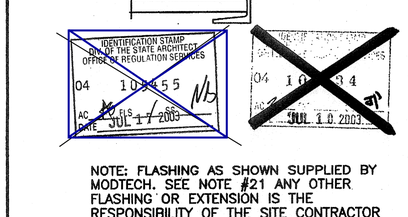
SCALE: 1 1/2"=1'-0"

WINDOW HEADER | 11



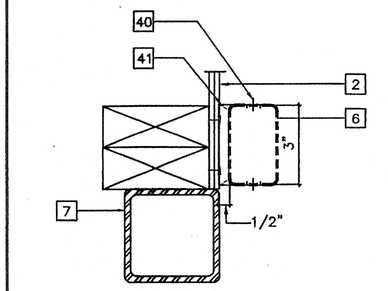
SCALE: 3"=1'-0"

DOOR HEADER | 7



SCALE: 3"=1'-0"

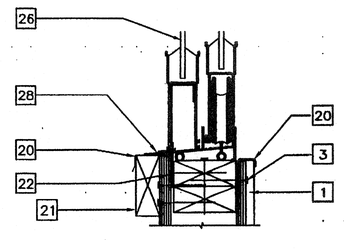
CORNER COLUMN | 4



NOTE: DOWN SPOUT ATTACHES TO COLUMN AT FRONT AND TO STUD AT REAR IN ORDER TO MISS RAMP RAILING AT FRONT

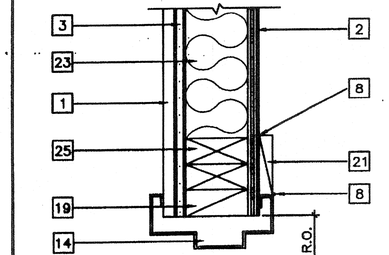
SCALE: 4"=1'

DOWNSPOUT ATTACHMENT | 20



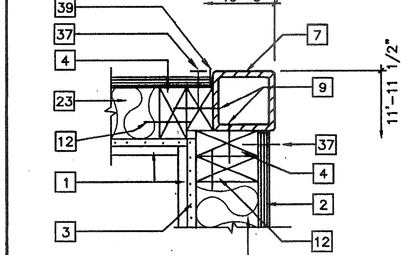
SCALE: 1 1/2"=1'-0"

SILL PLATE | 16



SCALE: 3"=1'-0"

DOOR JAMB | 12



SCALE: 3"=1'-0"

CORNER COLUMN | 8

KEY NOTES

1. TYP. INTERIOR FINISH (SEE FINISH SCHEDULE)
2. TYPICAL EXTERIOR FINISH
3. 1/2" GYPSUM BOARD BACKING W/ 7d COOLER NAILS AT MAX 7" O.C. TYP. AT EA. STUD
4. 2X4 STUD TYP. AT 16" O.C. MAX.
5. CORNER MOLD
6. DOWNSPOUT
7. TUBE STEEL COLUMN SEE STR
8. CAULKING
9. #10 S.T.S.M.S. AT MAX. 24" O.C. (ALT. HILTI 0.145 SHOT PIN) 2X FILLER TO COLUMN
10. VINYL CLOSURE
11. MODULE JOINT
12. 16d AT 24" O.C. FACE NAIL OR 16d AT 12" O.C. TOE NAIL (SEE SHEET S5.2)
13. FLOOR BEAM SEE STR
14. PRESSED STEEL FRAME (K.D. TYPE SEE A6.02)
15. ALUMINUM THRESHOLD (SEE HARDWARE SCHEDULE)
16. FINISH LANDING SEE FLOOR PLAN AND FOUNDATION FOR TYPE AND FINISH
17. DOOR AND DOOR BOTTOM (SEE HARDWARE SCHEDULE)
18. (2) 2X4 KING STUD (SEE SHEET S5.0)
19. 2X4 TRIMMER (SEE SHEET S5.0)
20. "Z" MOLD 26GA
21. 4" ABTCO TRIM
22. (2) 2X4 SILL PLATE W/ 16d AT 16" O.C.
23. INSULATION (SEE SPECS. FOR SIZE AND TYPE)
24. FINISH FLOORING (SEE FINISH SCHEDULE SHEET A6.02)
25. 2X4 JAMB STUDS (SEE SHEET S5.0) DETAILS FOR NUMBER OF STUDS REQUIRED AND NAILING SCHEDULE FOR NAILING
26. WINDOW GLAZING (SEE WINDOW SCHEDULE SHEET A6.02)
27. 2X6 LET IN (SEE WALL FRAMING SHEET C/S4.0)
28. ALUMINUM WINDOW FRAME WITH NAIL-ON FINISH. INSTALL W/ MIN. 3" BLDG. PAPER BETWEEN FINISH AND FRAMING. INSTALL WITH 8d AT MAX. 24" O.C.
29. 16d BOX STAGGERED AT MAX 24" O.C.
30. HEADER 12/S5.0
31. 26 GA DRIP FLASH
32. 6-3/8"ø X 2" GALVANIZED LAG SCREWS
33. L 1-1/2"x1-1/2"x1/8"x18" LONG (BY HVAC MFR.) ATTACHED TO A/C W/ 4-#10 SELF TAPPING SHEET METAL SCREWS AND ATTACH TO WALL W/ 3"ø X 2" GALVANIZED LAG SCREWS
34. SIDE OF HVAC UNIT SEE HV
35. (3) 2X4 W/ PLYWOOD SPACER- BUILT- UP POST. 8d AT O.C. STAGGERED SPACER TO FIRST 2X4 16d AT 12" O.C. SECOND 2X4 12d AT 12" O.C. STAGGERED THIRD 2X4 ALTERNATE USE 4X4 POST
36. 11GA. X24" STEEL SUPPORT BRACKET
37. EN - 8d BOX ELECTRO GALV. AT 6" O.C.
    FN - 8d BOX ELECTRO GALV. AT 12" O.C.
38. 26 GA GALVANIZED FLASH AT DOOR SILL
39. 22 GA. GALV. FLASHING (AT BELOW GRADE CONC. FOUNDATION ONLY)
40. #8 STSMS - 1 AT EA SIDE OF DOWNSPOUT TO BRACKET
41. ATTACHMENT BRACKET (TYP 3 PLACES: TOP, BOTTOM & MIDSPAN W/ 2-#10 STSMS, BRACKET TO STUD) SEE NOTE AT DETAIL B

NOTES

1. EN 8d ELECTRO GALV. AT 6" O.C.
2. FN Ed ELECTRO GALV. AT 12" O.C.
3. SEE SHEET S5.0 FOR TYPICAL WALL FRAMING NAILING

INSULATION MATERIALS INSULATED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, OR ATTICS SHALL HAVE A FLAMESPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
A: FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602

B: WHEN MATERIALS ARE INSULATEDIN CONCEALED SPACES OF TYPES I, II, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS. IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH. (SEC. 707.3 CBC)

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FRED VINCENT MALLOCK
No. C-24626
12/31/03
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2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

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WILLIAM SCOTTSMAN

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ARCHITECTURAL DETAILS

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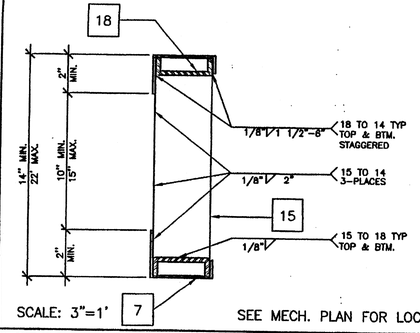
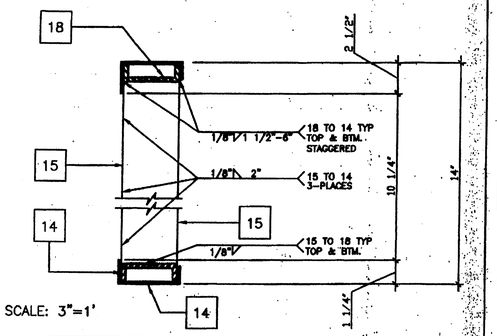


SCALE: 3"=1'

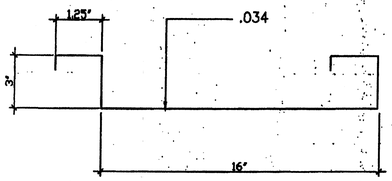
SEE MECH. PLAN FOR LOCATION

MECH. DUCT OPENING IN ROOF BM. 8



SCALE: 3"=1'

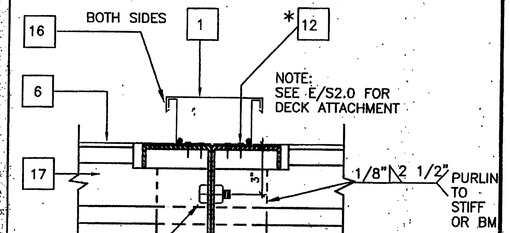
MECH. DUCT OPENING IN HEADER 4



Sx(MIN) = 0.296 IN3 Sx(MAX) = 0.33 IN3
Ix(MIN) = 0.446 IN4 Ix(MAX) = 0.603 IN4

SCALE: NTS

ROOF PAN (22GA.) 5

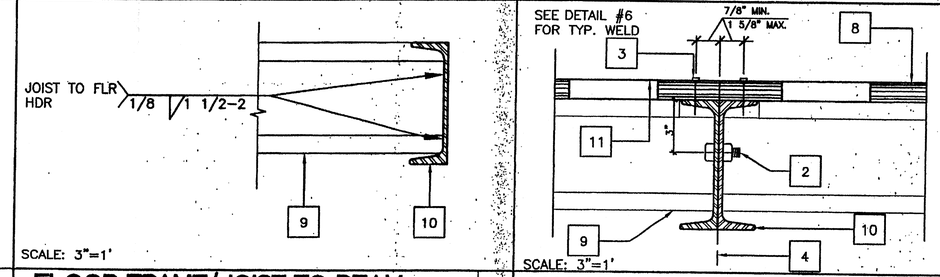


SEE 9/S2.2 FOR TYP. WELD STIFFENER TO BEAM

*DO NOT PENETRATE METAL ROOF DECK

SCALE: 3"=1'

ROOFING • MODLINE 1

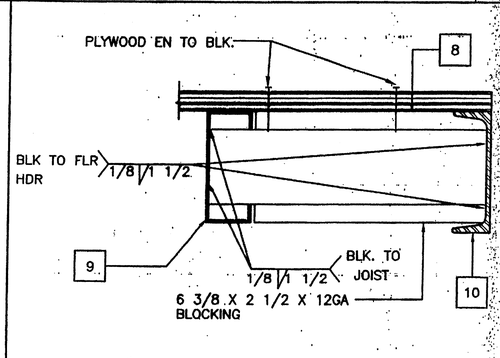


SCALE: 3"=1'

FLOOR FRAME/JOIST TO BEAM 6

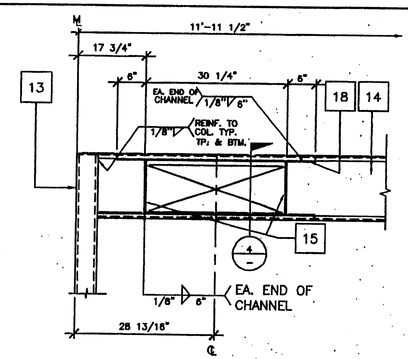
SCALE: 3"=1'

MODULE JOINT AT FLR. 12'-0" 2



SCALE: 3"=1'

BLOCK AT MIDSPAN 10



SCALE: 1"=1'

ELEVATION-OPENING 7

KEY NOTES

1	CAP CLOSURE AT RIDGE 26GA. GALV. W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT. BOTH SIDES.
2	5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) AT 8" O.C.
3	E.N.
4	MODULE JOINT
5	14" THK X 3" FULL DEPTH STIFFENER PLATE AT RIDGE ONLY (SEE 9/S2.2)
6	STANDING ROOF SEAM (SEE A2.0)
7	ROOF BEAM SEE 1/S2.2 & 7/S2.2
8	PLYWOOD FLOOR SHEATHING
9	FLOOR JOIST SEE 6/S2.2
10	FLOOR BEAM SEE 5/S2.2
11	HAND HOLE AT BOLT LOCATION
12	#14 STSMS.
13	3 1/2"X3 1/2"X1/4" STEEL TUBE COLUMN. SEE 12/S2.2
14	ROOF HEADER SEE 3/S2.2
15	1/4" STIFFENER PLATE SEE 9/S2.2 FOR TYP. WELD
16	SEALANT
17	ROOF PURLIN SEE 2/S2.2
18	3 1/4" X 1" X 45 11/16" LG X 10GA CHANNEL TOP AND BOTTOM OF OPENING

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2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

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WILLIAM SCOTTSMAN

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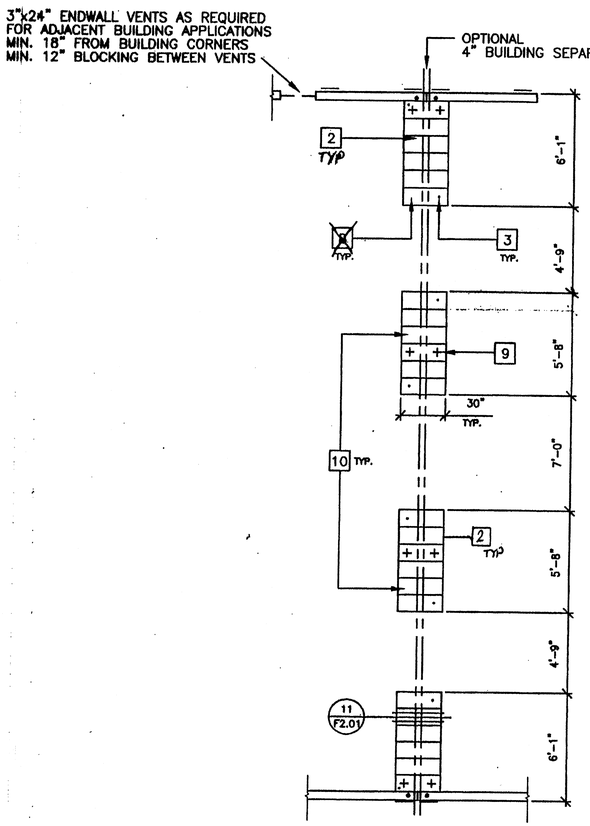
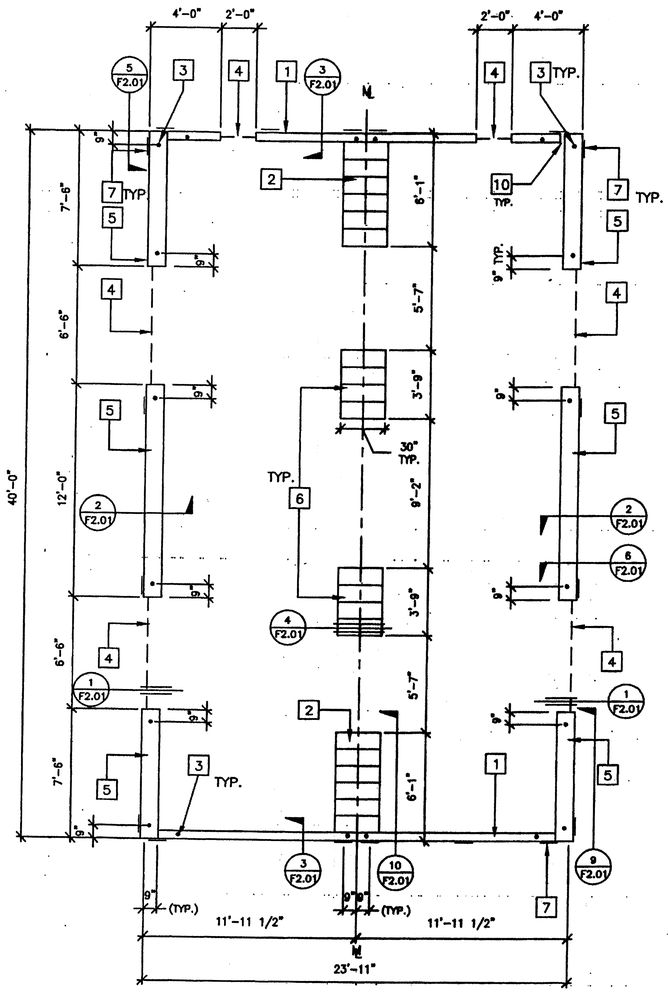
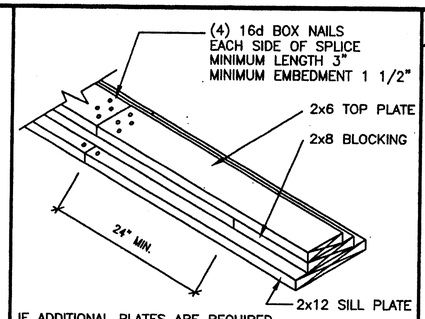
25-S1.2



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)

BUILDING CLOSURE AT 4" SEPARATION NOTES:
- FOR ROOF DETAIL AT ADJACENT BLDG SEE F/S2.0
- FOR WALL DETAIL AT ADJACENT BLDG SEE 17/S4.03 OR S4.03M





IF ADDITIONAL PLATES ARE REQUIRED, ABOVE THE 2x6 TOP PLATES SHOWN, TOP PLATE SHOWN, USE 2x4 PLATES

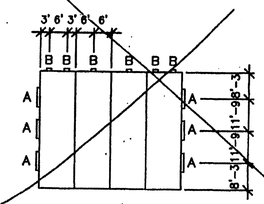
FOUNDATION SPLICE DETAIL | 1

VENT CALCS.

BLD'G SIZE 24' X 40'= 960
VENTILATION REQ'D 960 ÷ 150= 6.4SF
3"X6'-6" VENT=1.625SF X 4 = 6.5SF
3"X2'-0" = 0.5 SF X 2 = 1.0 SF
TOTAL VENTING PROVIDED = 7.5 SF

24'x40' VENT CALCS | 2

BLD'G SIZE 48' X 40'= 1920
VENTILATION REQ'D 1920 ÷150= 12.8SF
VENT A: 3"x6'-6" = 1.625SF x 6 = 9.725SF
VENT B: 3"x2'-0" = 0.5 SF x 6 = 3.0 SF
TOTAL VENTING PROVIDED = 12.72 SF OK



48'x40' VENT CALCS/KEY PLAN | 3

KEY NOTES

1. 2"X6" SILL PLATE (END WALL)
2. 6- 2X12X30" LONG SILL PADS
3. PIPE TO GRADE (TYP.)
4. 3" HIGH BY 6'-6" LONG VENT AT SIDEWALLS
   3" HIGH BY 2'-0" LONG VENT AT ENDWALLS
5. 2X12 SILL PLATE (SIDE WALL)
6. 4-2X12X30" LONG SILL PADS
7. 6"X12"X10 GA. PLATES
   5 AT ENDWALL, 4 AT SIDEWALL
8. ~~TIE PLATE - 8/S/F2.0~~
   ~~AT 70 MPH WIND DESIGN LOAD:~~
   ~~MIN (4) AT EACH ENDWALL,~~
   ~~(3) AT EACH SIDEWALL~~
   ~~AT 80 MPH WIND DESIGN LOAD:~~
   ~~MIN (5) AT EACH ENDWALL,~~
   ~~(4) AT EACH SIDEWALL~~
9. 5/8" DIA x 4" LAGS
10. 2" CUTOUT OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

NOTES

1. SILL RESTRAINT: ON A.C. PAVING AND ON SOIL 1" O.D. GALVANIZED PIPE AT 10'-0". 12" PENETRATION BELOW SURFACE VERTICALLY. DRILL SILL 1-1/4" MAX. PIPE MAY BE DRIVEN MA. OF 45° ANGLE TO VERTICAL. (18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE
2. ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE:
   END WALLS: 8" O.C.
   SIDE WALLS: 22 "O.C.
3. WHERE SHIM STOCK IS REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" THICK PLYWOOD SAME WIDTH AS BLOCK. P.T.
4. VERIFY DRAINAGE TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE WITH DISTRICT ARCHITECT SITE PLANS.
5. ALL FOUNDATION MATERIAL SHALL BE DOUGLAS FIR
   GROUND CONTACT: LP-22 (CCA .40)
   ABOVE GROUND: LP-2 (CCA .25)
6. ALLOWABLE SOIL BEARING: 1000 PSF
7. "MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN THAN 3" IN OVERALL LENGTH"
   THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.
8. FOR FOUNDATIONS USING (4) PLATES, USE SHEET F2.01 FOR DETAILS IN LIEU OF SHEET F2.0

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APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104796
AC FLS SS
DATE JUL 17 2003

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OFFICE OF REGULATION SERVICES
PC-04
104796
AC FLS SS
DATE 7/7/03

FILE PATH: --

FOUNDATION - WOOD SILL

24' X 40' 50 PSF LL

SCALE 1/4" = 1'

PC
CBC 2001

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architects Seal
1			LICENSED ARCHITECT JAMES WILLIAM BALLOCK No. C-23445 12/31/03 RENEWAL DATE STATE OF CALIFORNIA	
2				
3				
4				
5				

MODTECH™ inc.
2830 BARRETT AVENUE
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PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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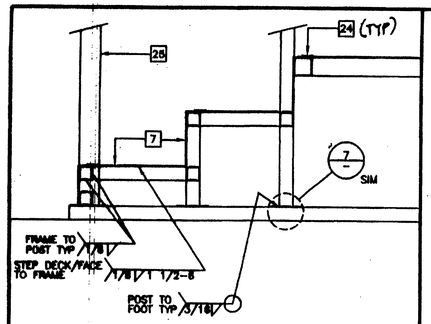
DRAWN BY: GL
DATE: 07/07/03
CHECKED BY:
DATE:

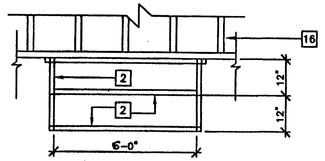
MODTECH Index No.
25-F1.01

FOUNDATION PLAN

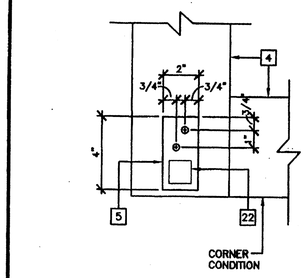
PROJECT NO. 4736
PC-04-104796



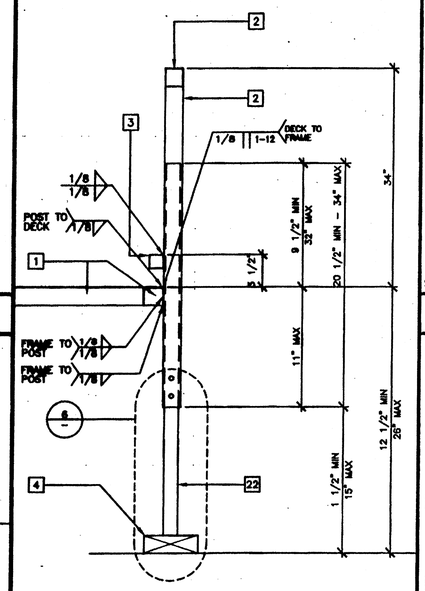
STAIR SECTION 16

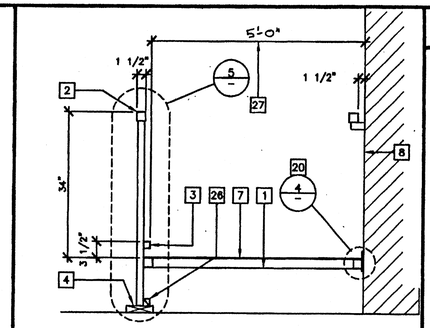


STAIR FRAMING PLAN 12

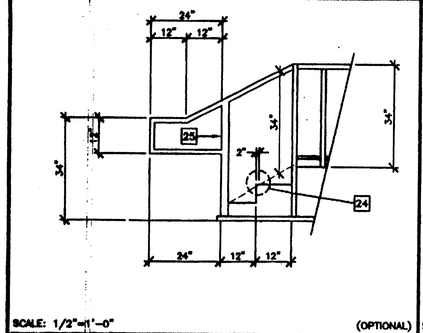


ADJUSTABLE LEG BASE PLATE 8

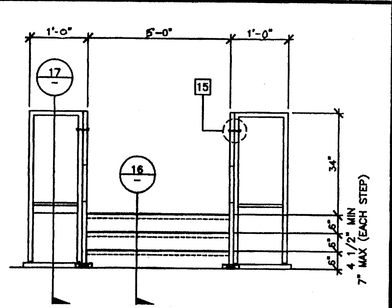




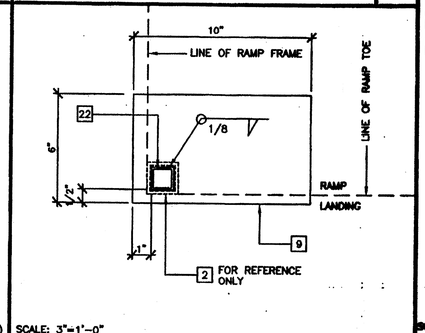
SECTION AT RAMP 1



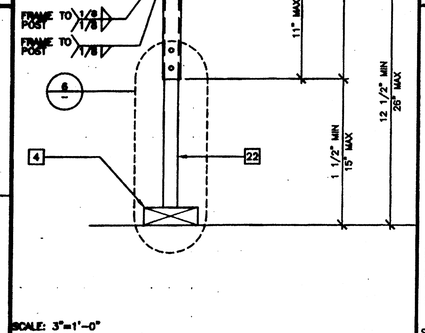
STAIR ELEVATION 17



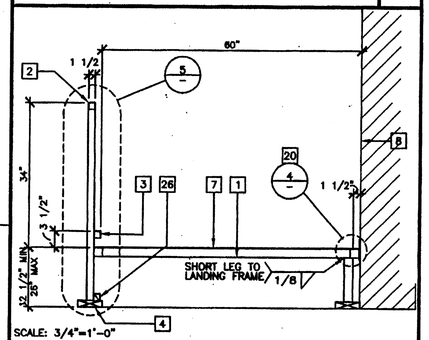
STAIR ELEVATION 13



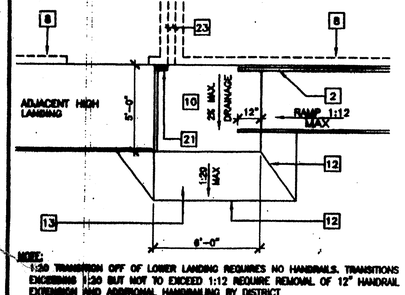
BASE PLATE AT RAMP TOE 9



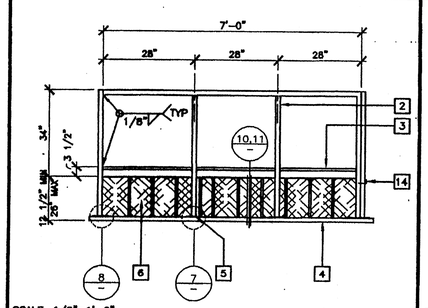
ADJUSTABLE LEG 5



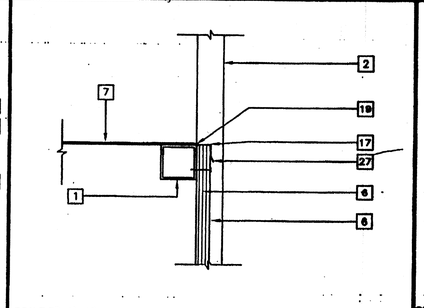
SECTION AT LANDING 2



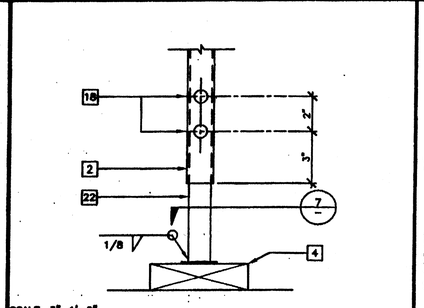
RAMP TRANSITION 18



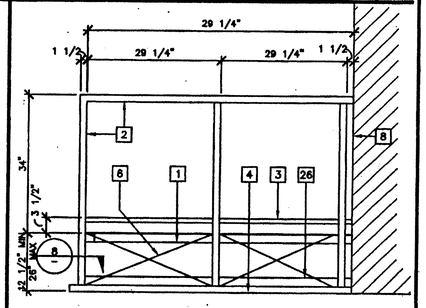
LANDING ELEVATION 14



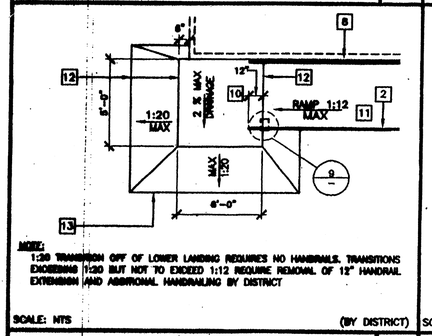
SKIRT FLASHING 10



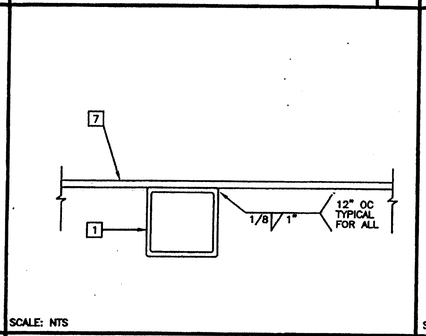
ADJUSTABLE LEG 6



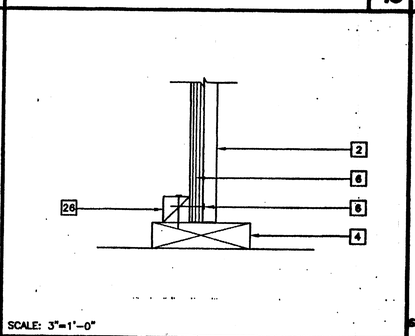
END ELEVATION 3



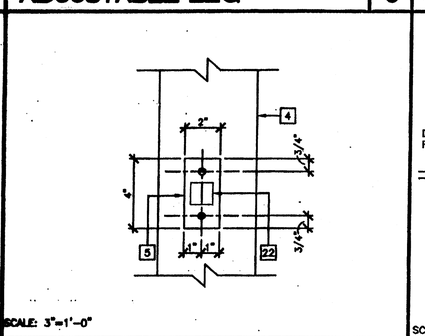
RAMP TRANSITION 19



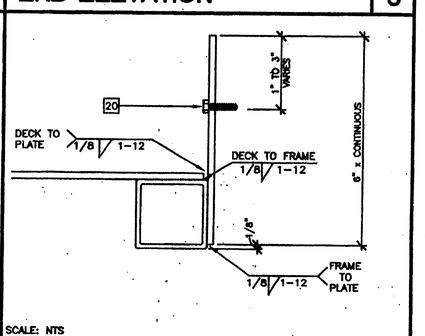
SECTION AT INTERIOR FRAME 15



SKIRT AT SILL PLATE 11



ADJUSTABLE LEG BASE PLATE 7



SECTION AT PLATE 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI). ROUNDED OR BEVELED AT CORNERS.
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x8" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS. USE #14x2" TEK SCREWS AT 6" OC
7. 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR. PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.
8. EXISTING BUILDING.
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE.
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. PAVE BY DISTRICT
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. FASTEN POSTS WITH 3/8" DIA THRU BOLT, TYPICAL
16. RAMP LANDING, TYPICAL
17. 26 GA FLASHING
18. 3/8" DIAx2" LONG MB WITH NUT & WASHERS
19. CAULKING
20. 6"x10GA CONTINUOUS PLATE WITH #14x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO METAL AT 9" OC
21. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
22. TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
23. 4" MINIMUM BUILDING SEPARATION
24. 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING AND TOP LANDING. USE CONTRASTING COLOR.
25. TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
26. 2"x2" NAILER WITH 16d AT 12" OC
27. RAMP WIDTH MINIMUM CLEAR DIMENSION IS 5'-0"

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OFFICE OF REGULATION SERVICES
04 104796
AC FLS 55
DATE JUL 17 2003

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
FRED VINCENT HALLACK
No. C34998
12/31/03
RENEWAL DATE
LICENSED ARCHITECT
STATE OF CALIFORNIA

Architects Seal

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PC-04
104796
AC FLS 47
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MODTECH INC.
2830 BARRETT AVENUE FAX (909) 943-4014
PERRIS, CALIF. 92572 FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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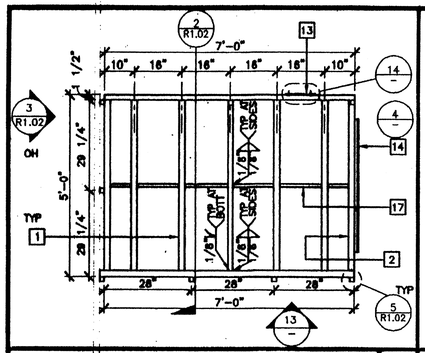
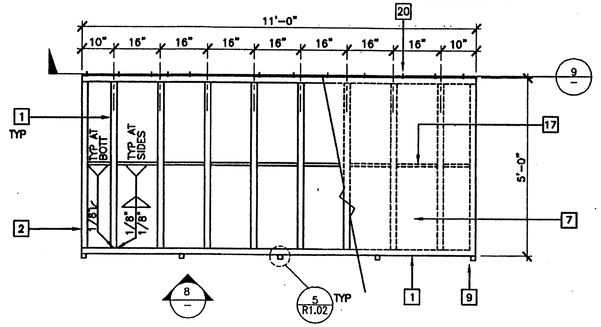
MODTECH Index No.
25-R1.02

RAMP/LANDING DETAILS

PROJECT NO. 4736
PC- 04-104796

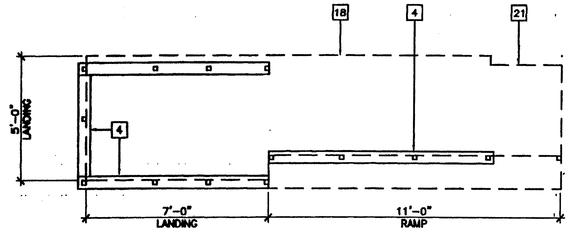


LANDING FRAME | 12



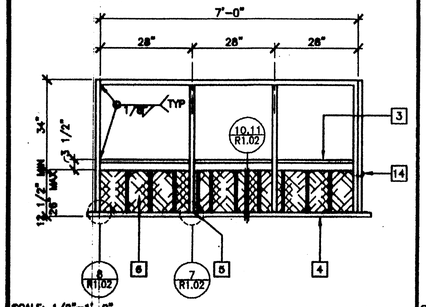
SCALE: NTS

RAMP FRAME | 7



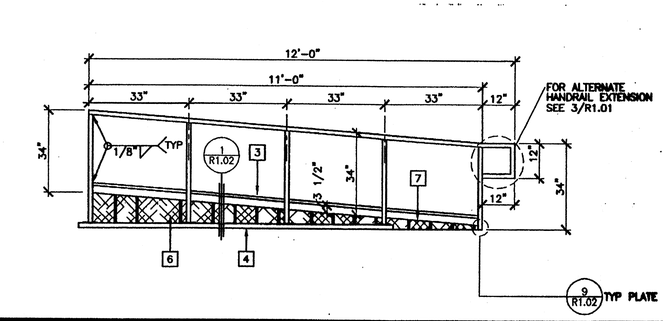
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING | 1



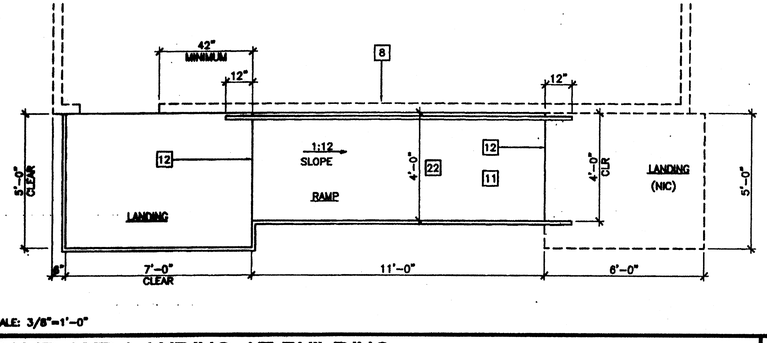
SCALE: 1/2"=1'-0"

LANDING ELEVATION | 13



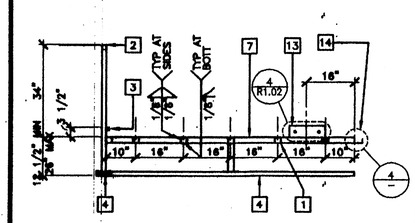
SCALE: 1/2"=1'-0"

RAMP ELEVATION | 8



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

RAMP AND LANDING AT BUILDING | 2



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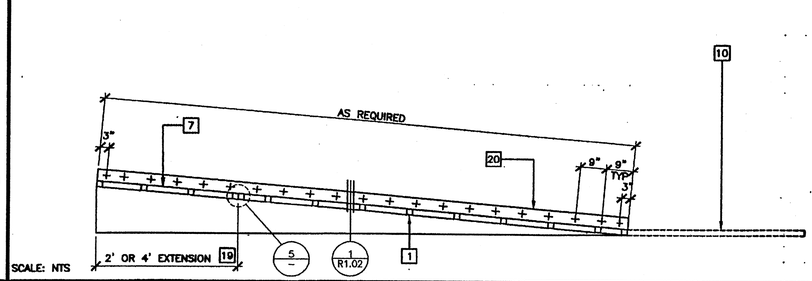
SECTION AT LANDING | 14



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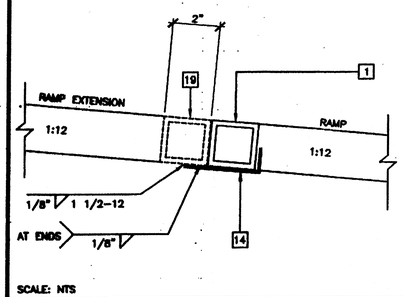
LONGITUDINAL SECTION AT RAMP | 9



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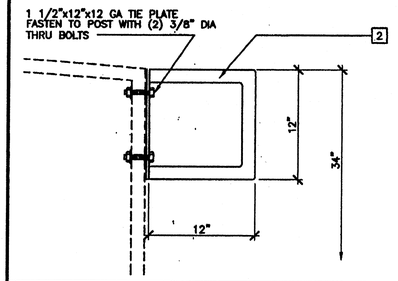
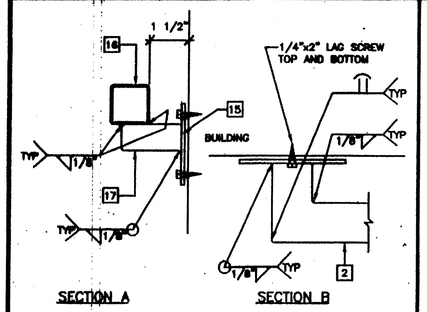
RAMP EXTENSION TO RAMP | 5



ALTERNATE GUARD RAIL EXTENSION | 3



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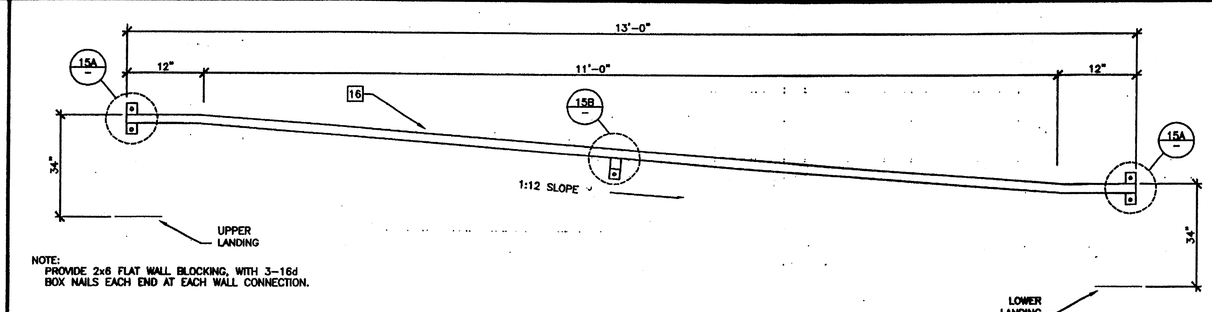
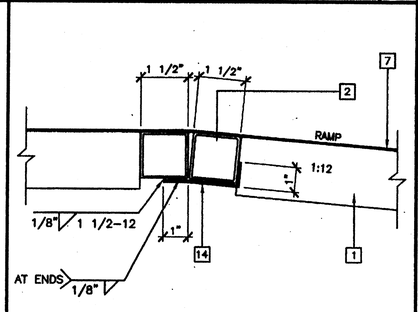
HANDRAIL CONNECTION | 15



NOTE:
PROVIDE 2x6 FLAT WALL BLOCKING, WITH 3-16d BOX NAILS EACH END AT EACH WALL CONNECTION.

SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) | 6



SCALE: NTS

RAMP AT LANDING | 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 30KSI). ROUNDED OR BEVELED AT CORNERS
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x6" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
7. 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
8. EXISTING BUILDING
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. 2"x4"x 1/8" PLATE
16. TS 1 1/2"x1 1/2"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED. ROUNDED OR BEVELED AT CORNERS
17. TS 1"x1"x16 GA RAIL SUPPORT
18. LINE OF RAMP/LANDING ABOVE
19. RAMP EXTENSION FRAME
20. 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
21. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
24. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104455
AC FLS SS
DATE JUL 17 2003

1034
JUL 10 2003

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #6 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

REVISIONS

1		
2		
3		
4		
5		

Electrical Engineer's Seal | Mechanical Engineer's Seal | PC Professional of Record Seal | Architects Seal

LICENSED ARCHITECT — RICHARD WALLEN — No. C-29198 — 12/31/03 RENEWAL DATE — STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104796
AC FLS SS
DATE

MODTECH™ inc.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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DATE: 07/07/03
CHECKED BY:
DATE:
MODTECH Index No.
25-R5.01

RAMP/LANDING 11' RAMPS

FILE PATH: --

PROJECT NO. 4736

PC-04-104796

BUILDING 26

PC 04-101268

RELOCATABLE CLASSROOM BUILDINGS
BUILDING SIZE: 24'x40'
MODTECH JOB #4134

CLASS LEASING

STOCKPILE # 62

JOB #		SERIAL NUMBER	
# 4153	MONO	55976 - 56045 (35)	CR
# 4134	DUAL	56082 - 56099 (9)	RH/CR
#4134	DUAL	56112 - 56117 (3)	W/SINK
# 4134	DUAL	56138 - 56139 (1)	ADMIN
# 4134	DUAL	56136 - 56137 (1)	COMPUTER
# 4161	DUAL	56159 - 56174 (8)	CR
#4173	MONO	56591 - 56596 (3)	CR
#4203	DUAL	56846 - 56847 (1)	CR
#4207	DUAL	56868 - 56873 (3)	CR
#4215	DUAL	56961 - 56973 (7)	CR
#4250	MONO	57453 - 57454 (1)	CR W/SINK
# 4284	DUAL	57675 - 57678 (2)	CR W/TOILET ROOM
# 4302	DUAL	57939 - 57942 (2)	CR
# 4350	MONO	58849 - 58852 (2)	CR

BUILDING A – STANDARD CLASSROOM
BUILDING B – ADMINISTRATION
BUILDING C – COMPUTER LAB

JOB #		SERIAL NUMBER	
# 4304	DUAL	57948 - 57955 (4)	58107 - 58108 (1)
# 4347	DUAL	58839 - 58848 (5)	
# 4422	MONO	60102 - 60107 (3)	
# 4506	MONO	47150-01/02 THRU 47158-01/02 (9)	

5-TON AC

100 BUILDINGS TOTAL

REVISED NOV 0 9 2000

CBC 1998

APR 18 2002

ADD "EQ" EXPOR IS ACT. R. MIGGINS...

1

"AS ALTERNATE FOR ALL SHOT PIN ATTACHMENTS, USE #10 S.T.M.S. AT THE SAME SPACING."

#10 USE MAX. 3/8" MATERIAL
#12 USE MAX. 1/2" MATERIAL

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
FLOOR LIVE LOAD: 50 PSF, 50+20 PSF
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2/B

BUILDING AREA: 24'x40' BUILDING – 960 SF

APPLICABLE CODES

1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR

1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(1997 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(1996 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS)

1998 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 CCR

(1990 TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)

APPLICABLE STANDARDS

NFPA 13 – AUTOMATIC SPRINKLER SYSTEMS – 1996 EDITION

NFPA 14 – STANDPIPE SYSTEMS – 1993 EDITION

NFPA 17A – WET CHEMICAL SYSTEMS – 1990 EDITION

NFPA 24 – PRIVATE FIRE MAINS – 1992 EDITION

NFPA 72 – NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) – 1996 EDITION
(NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

NFPA 253 – CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS – 1989 EDITION

NFPA 2001 – CLEAN AGENT FIRE EXTINGUISHING SYSTEMS – 1994 EDITION
REFERENCE CODE SECTION FOR NFPA STANDARDS – CBC (SFM) 3504.1

LEGEND

SYMBOL	DESCRIPTION
1/–	DETAIL (1) ON SAME SHEET AS SYMBOL
1/2	DETAIL (1) ON SHEET (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
A/2	SECTION "A" ON SHEET (2)
1	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
A	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	RAMP – SEE RAMP DRAWINGS

ABBREVIATIONS

AGC = ABOVE GRADE CONCRETE
BGC = BELOW GRADE CONCRETE
DIA = DIAMETER
CLR = CLEAR
GA = GAUGE
SIM = SIMILAR
MAX = MAXIMUM
MIN = MINIMUM
NIC = NOT IN CONTRACT
NTS = NOT TO SCALE
OC = ON CENTER
OD = OUTSIDE DIAMETER
OSB = ORIENTED STRAND BOARD
SIM = SIMILAR
STS = SELF TAPPING SCREW
STSMS = SELF TAPPING SHEET METAL SCREW
TYP = TYPICAL
UON = UNLESS OTHERWISE NOTED

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT. THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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SHEET INDEX

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26-A0.01 COVER SHEET
26-A1.01A FLOOR PLAN A – 24'x40' STANDARD/COMPUTER LAB
~~A1.01B FLOOR PLAN B – 24'x40' ADMINISTRATION~~

~~A2.01 ROOF PLAN – 26 GA – DUAL PITCH~~
A2.02 ROOF PLAN – 26 GA – SINGLE PITCH
~~A2.03 ROOF DETAILS – 26 GA~~

~~A3.01A EXTERIOR ELEVATIONS – 26 GA – DUAL PITCH – STD/C LAB~~
~~A3.01B EXTERIOR ELEVATIONS – 26 GA – DUAL PITCH – ADMIN~~
A3.11A EXTERIOR ELEVATIONS – 26 GA – MONO PITCH – STD/C LAB
~~A3.11B EXTERIOR ELEVATIONS – 26 GA – MONO PITCH – ADMIN~~

~~A4.01A INTERIOR ELEVATIONS – 24'x40' STANDARD/COMPUTER LAB~~
~~A4.01B INTERIOR ELEVATIONS – 24'x40' ADMINISTRATION~~

~~A5.01 DOOR, WINDOW, FINISH, HARDWARE SCHEDULES~~

~~A6.01 ARCHITECTURAL DETAILS – WOOD STUDS~~

~~A7.01A REFLECTED CEILING PLAN – 24'x40' STANDARD/COMP LAB~~
~~A7.01B REFLECTED CEILING PLAN – 24'x40' ADMINISTRATION~~
~~A7.11 REFLECTED CEILING DETAILS~~

~~A8.01 MISCELLANEOUS OPTIONS~~

STRUCTURAL

F1.01 FOUNDATION PLAN – WOOD – 24'x40' – 50, 50+20, 100 PSF
F1.11 FOUNDATION PLAN – WOOD – 24'x40' – 125 PSF
26-F1.01 FOUNDATION PLAN – WOOD – 24'x40' – 50, 50+20, 100 PSF
26-F1.11 FOUNDATION PLAN – WOOD – 24'x40' – 125 PSF
26-F1.21 FOUNDATION DETAILS – 50, 50+20, 100 PSF
26-F1.22 FOUNDATION DETAILS – 125 PSF
FOUNDATION DETAILS – AGC

F2.01 FOUNDATION PLAN – AGC – 50, 50+20, 100 PSF
~~F2.02 FOUNDATION PLAN – AGC – 100, 125 PSF~~
F2.11 FOUNDATION DETAILS – AGC

F3.01 FOUNDATION PLAN – BGC – 50, 50+20 PSF
~~F3.02 FOUNDATION PLAN – BGC – 100, 125 PSF~~
F3.11 FOUNDATION DETAILS – BGC

S1.01 FLOOR FRAMING PLAN – WOOD DECK
S1.11 FLOOR FRAMING PLAN – CONCRETE DECK

S2.01 ROOF FRAMING PLAN – 26 GA – DUAL PITCH
S2.02 ROOF FRAMING PLAN – 26 GA – MONO PITCH

S3.01 STRUCTURAL FRAMING – 26 GA – DUAL PITCH
S3.02 STRUCTURAL FRAMING – 26 GA – MONO PITCH

S4.01 WALL FRAMING – WOOD STUDS
S4.02 WALL FRAMING DETAILS – WOOD STUDS

MECHANICAL

M1.01A HVAC PLAN – 24'x40' STANDARD/ COMPUTER LAB
M1.01B HVAC PLAN – 24'x40' ADMINISTRATION

ELECTRICAL

E1.01A ELECTRICAL PLAN – 24'x40' STANDARD
E1.01B ELECTRICAL PLAN – 24'x40' ADMINISTRATION
E1.01C ELECTRICAL PLAN – 24'x40' COMPUTER LAB

RAMP

R1.01 RAMP/LANDING PLAN
R1.02 RAMP/STAIRS DETAILS

R2.01 OFFSET RAMP/LANDING PLAN
R2.02 OFFSET RAMP/STAIRS DETAILS

R3.01 FULL LENGTH RAMP/LANDING AND DETAILS
R4.01 CONCRETE RAMP/LANDING
R5.01 5 FOOT RAMP/LANDING

STKP-62

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DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

FILE PATH: 2440-4134.DWG

PROJECT NO. 4134, 4153, 4161, 4207

PC-04-101268

REVISIONS			
1	SP	ADDED ALT NOTE AND ELEC. DWG'S	11/9/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
LICENSED ARCHITECT GEORGE C. EDWARDS REN. 9-30-02 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DSA FLS ACS
DATE: SEP 07 2001
FOR: MODTECH
ACT: D. Fenlason

MODTECH INC.
2830 BARRETT AVENUE
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PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134, 4153, 4161
4173, 4203, 4207, 4215
4250, 4284, 4302, 4350
4304, 4347, 4373, 4422
4506

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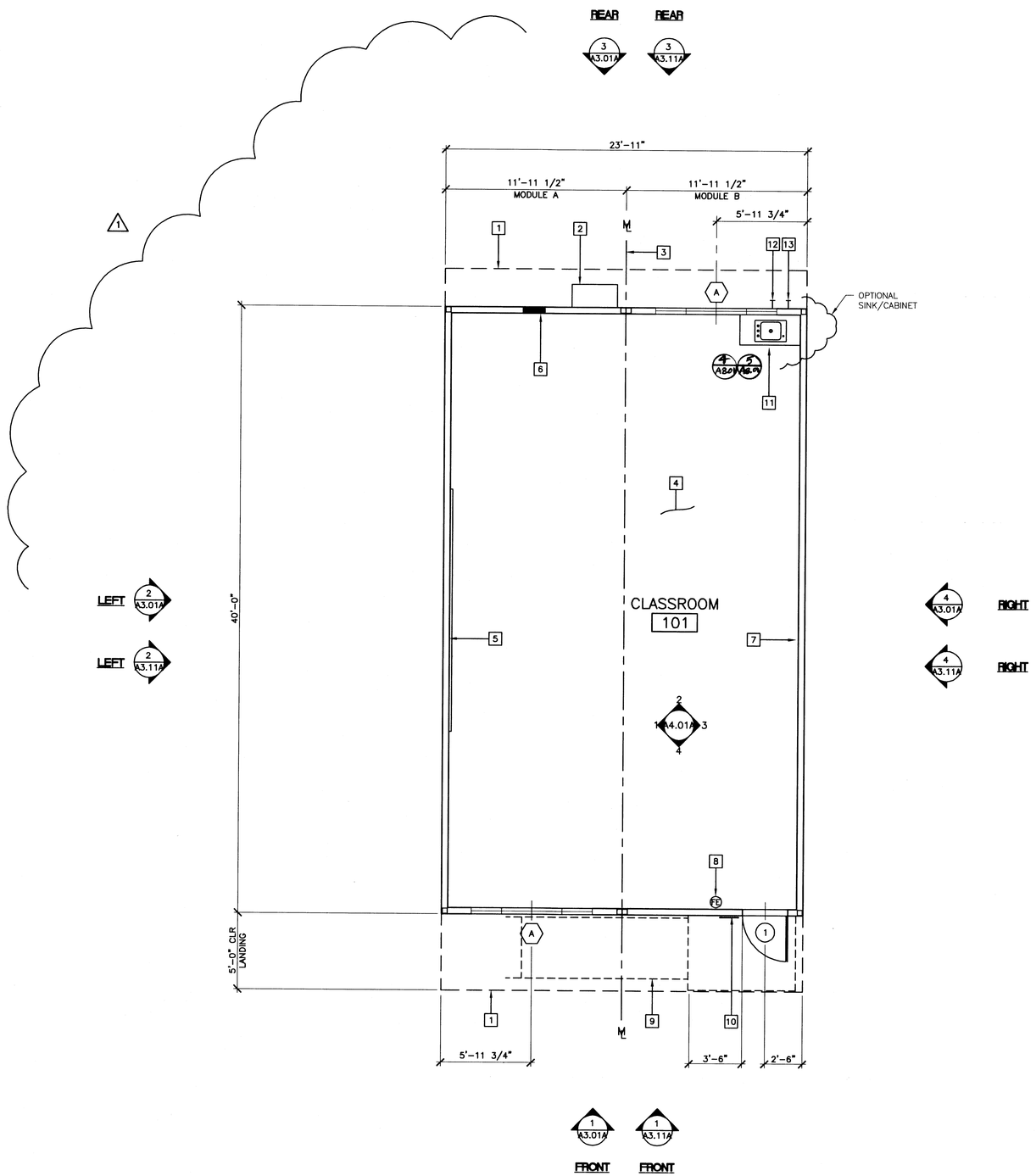
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04/16/02
MODTECH Index No.

26-A0.01

COVER SHEET



PC

CBC 1998
BASED ON PC 101268

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. MODLINE (M)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. ELECTRICAL PANEL (EL)
7. NOT USED
8. FIRE EXTINGUISHER – 5 POUNDS DRY CHEMICAL WITH 2A – 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
9. RAMP/LANDING (RAMP)
10. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
11. WATER POC
12. SEWER POC

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NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF–CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
   (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
   (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE–DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
   (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
4. DISTRICT TO PROVIDE OCCUPANT LOAD SIGN PRIOR TO OCCUPANCY.

FILE PATH: 2440–4134.DWG

PC 101268
APR 18 2002

FLOOR PLAN A/C

(24'x40')
SCALE: 1/4" = 1'–0"

STKP-62

REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
LICENSED ARCHITECT GEORGE C. EDWARDS JR. C 2656 REN. 9-30-02 STATE OF CALIFORNIA

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
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PROJECT NUMBER: 4134, 4153, 4173, 4203, 4207, 4215, 4250, 4284, 4302, 4350, 4304, 4347, 4373, 4422, 4506

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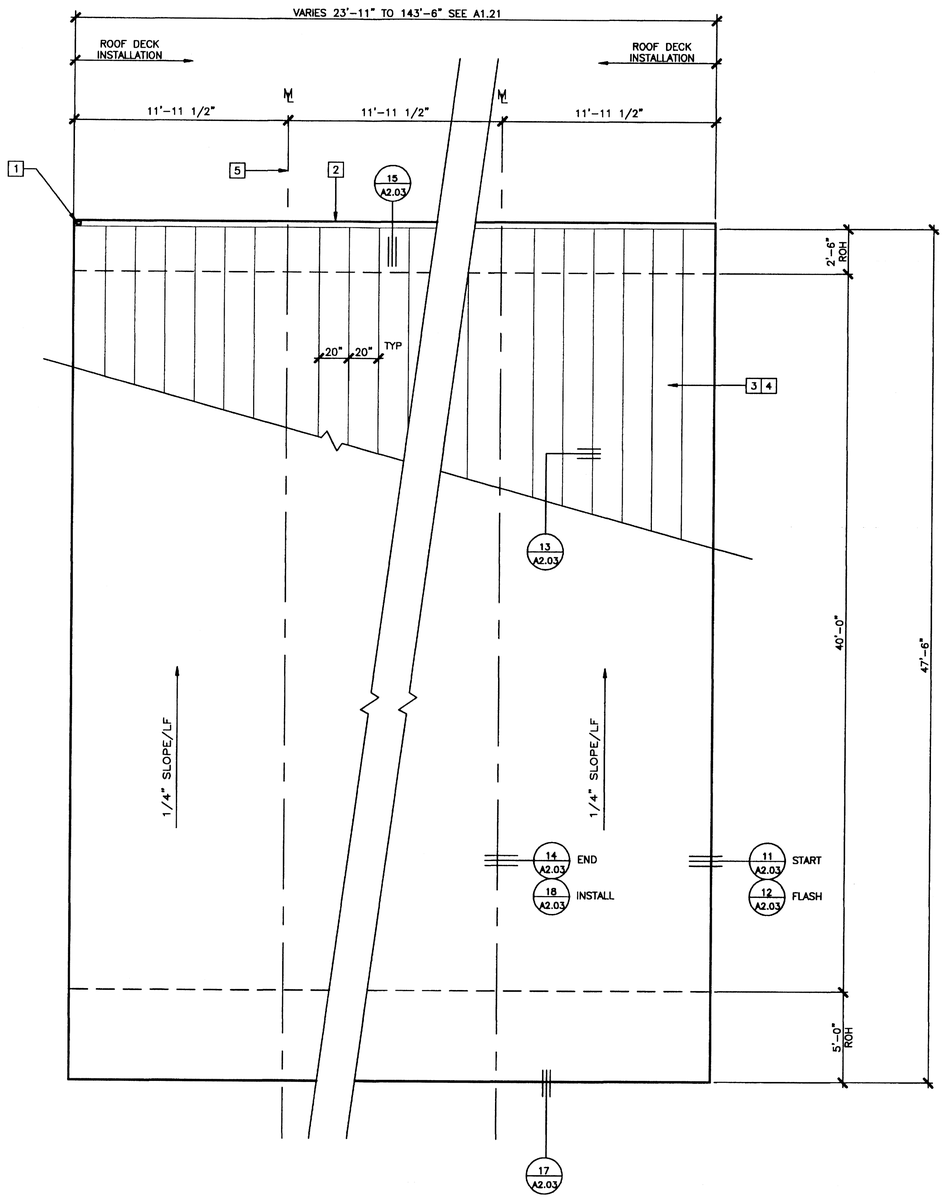
FLOOR PLAN 24'x40' STANDARD/COMP LAB

DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
26-A1.01A

PROJECT NO. 4134, 4153, 4161, 4207
PC-04-101268

REAR



LEFT

RIGHT

FRONT

ROOF PLAN

26 GA MONO PITCH – (23'-11" TO 143'-6")

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

PC

CBC 1998

KEY NOTES

1. DOWNSPOUT – SEE A1.21 FOR SPECIFIC LOCATIONS.
2. CONTINUOUS GUTTER 26GA.
3. 26GA. MIN.–INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD – CLASS A ROOFING SYSTEM
4. AS AN ALTERNATE TO 3/4" CDX PLYWOOD USE 3/4" LOUISIANA PACIFIC OSB, SEE SPECIFICATIONS.
5. MODLINE (M)

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A – CLASS A OR B.

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FILE PATH: 2440-4134.DWG

PROJECT NO. 4134, 4153

PC-04-101268

REVISIONS					Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC FLS SS DATE SEP 07 1999
1								LICENSED ARCHITECT GEORGE C. EDWARDS REN. 9-30-03 STATE OF CALIFORNIA	
2									
3									
4									
5							LIC#	2000	

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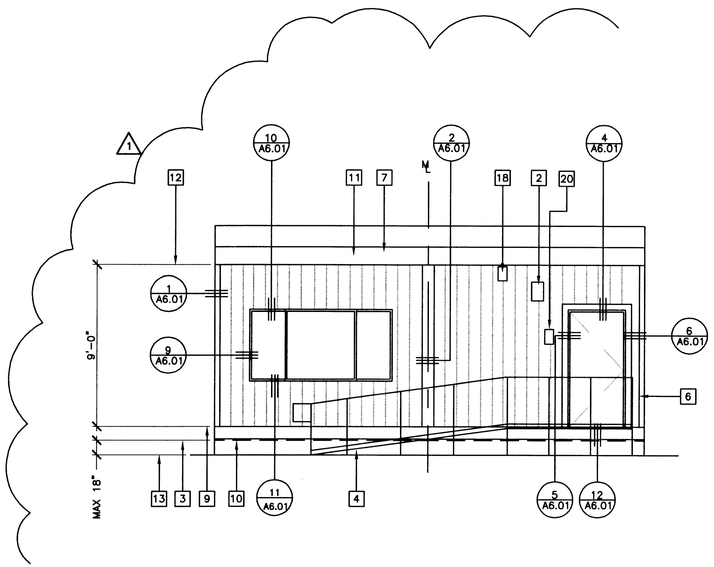
DATE: 04-16-02

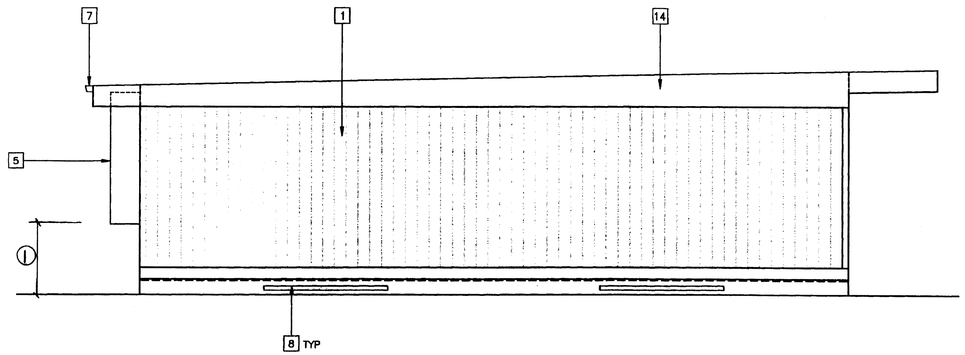
MODTECH Index No.

26-A2.02

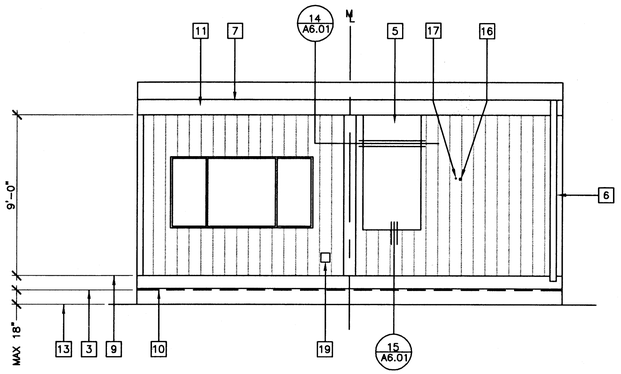
ROOF PLAN 26 GA MONO PITCH



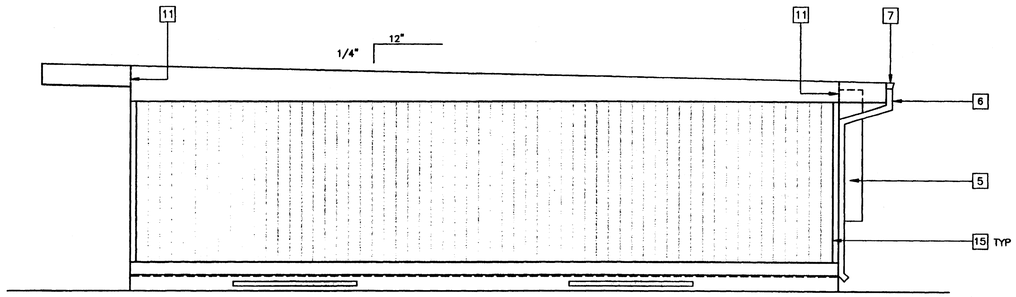
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

KEY NOTES

1	TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
2	EXTERIOR LIGHT FIXTURE (EL)
3	TOP OF SKIRTING
4	RAMP AND LANDING. – R1.01
5	HVAC UNIT (HV)
6	DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES – 16/A2.03
7	CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8	FOUNDATION VENT (SEE FOUNDATION PLAN)
9	FINISH FLOOR LINE
10	FLOOR BEAM (STR)
11	ROOF HEADER (STR)
12	TOP OF COLUMN
13	FINISH GRADE
14	ROOF BEAM (STR)
15	COLUMN (STR)
16	ELECTRICAL STUB-OUT (EL)
17	GROUND STUB-OUT (EL)
18	J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19	GUTTER BOX (EL)
20	SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

NOTES

1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD – 5/8" PLYWOOD SIDING

OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD

OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM

OPTIONAL – EXTERIOR PLASTER OVER LATH

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DATE: 08/20/2026

10268
APR 18 2002

PC
CBC 1998

EXTERIOR ELEVATIONS A/C — 26 GA MONO PITCH (24'x40')
SCALE: 1/4" = 1'-0"

STKP-62

FILE PATH: 2440-4134.DWG

PROJECT NO. 4134, 4153

PC-04-101268

REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDDY
REN. 9-30-03
STATE OF CALIFORNIA

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
ACCEPTED FOR FILING
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134, 4153, 4173, 4250
4284, 4373, 4422, 4506

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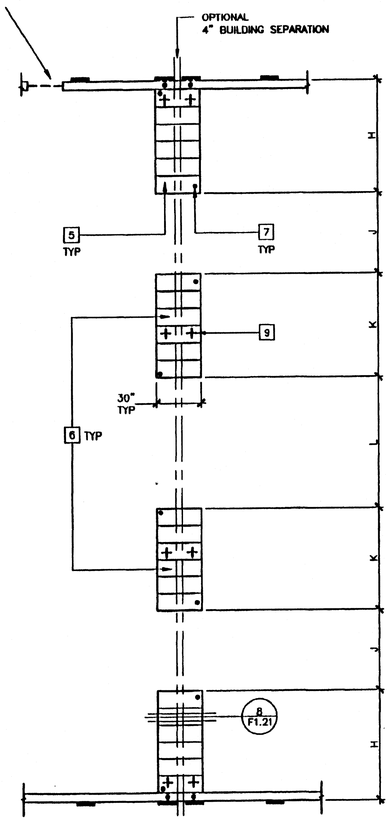
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
4012-121

MODTECH Index No.

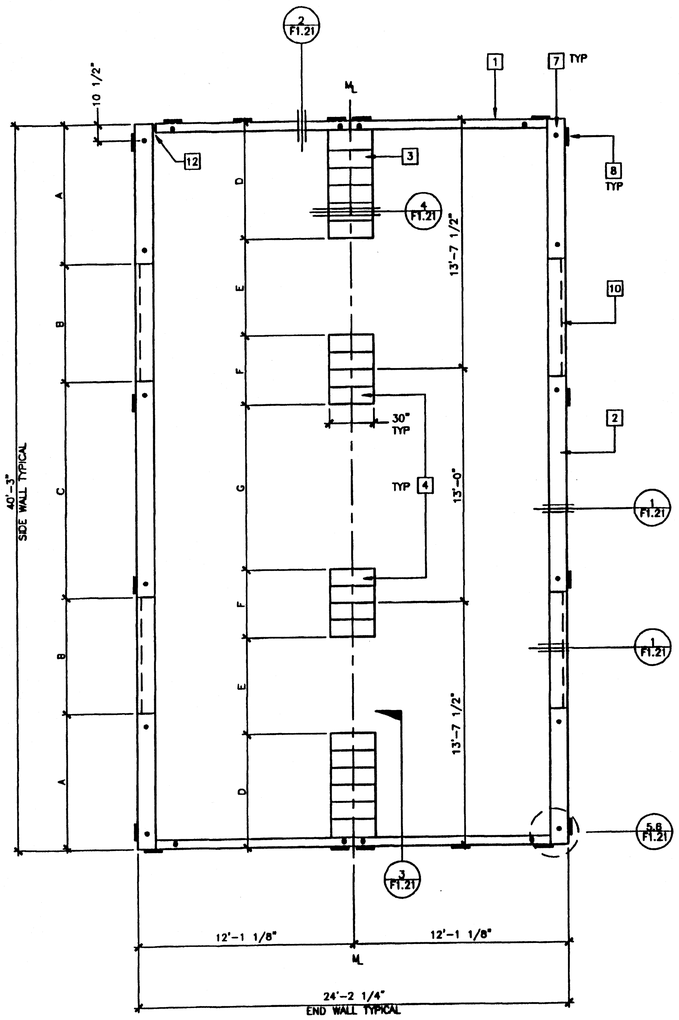
EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

26-A3.11A

3"x2½" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
MIN 18" FROM BUILDING CORNERS
MIN 18" FROM MODLINES
MIN 12" BLOCKING BETWEEN VENTS



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

24'x40' WOOD SILL
SCALE: 1/4" = 1'-0"

REVISED JAN 4 2001 PC
REVISED DEC 27 2001 CBC 1998

FOUNDATION PLATE SCHEDULE

		50 PSF	50 + 20 PSF	100 PSF
END WALL	SILL	2"x6"	2"x6"	2"x12"
	BLOCKING	2"x4"	2"x4"	2"x8"
	TOP PLATE	2"x4"	2"x4"	2"x8"
SIDE WALL	SILL	2"x12"	2"x12"	2"x12"
	BLOCKING	2"x8"	2"x8"	2"x8"
	TOP PLATE	2"x6"	2"x6"	2"x8"
MODLINE PAD AT ENDWALL	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(9)2"x12"x30"
	BLOCKING	2"x10"	2"x10"	2"x10"
	TOP PLATE	2"x8"	2"x8"	2"x8"
MODLINE PAD AT INTERIOR	SILL	(4)2"x12"x30"	(5)2"x12"x30"	(7)2"x12"x30"
	BLOCKING	2 x 10	2 x 10	2 x 10
	TOP PLATE	2 x 8	2 x 8	2 x 8
4" SEPARATION PAD AT END WALL	SILL	(6)2"x12"x30"	(8)2"x12"x30"	(10)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"
4" SEPARATION PAD AT INTERIOR	SILL	(6)2"x12"x30"	(8)2"x12"x30"	(10)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"

NOTE: • USE 2"x4" PLATES FOR ANY ADDITIONAL BLOCKING REQUIRED FOR LEVELING.

• ALL SILL (FOOTING) PLATES TO BE PRESSURE TREATED SEE NOTE #3 THIS SHEET.

• FOR FOUNDATION PLATE NAILING SEE F1.21

DIMENSION SCHEDULE

	50 PSF	50 + 20 PSF	100 PSF	125 PSF
A	7'-7 1/2"	9'-1 1/2"	9'-1 1/2"	
B	8'-8"	4'-0"	4'-0"	
C	12'-0"	14'-0"	14'-0"	
D	6'-1"	7'-1/4"	7'-1 1/2"	
E	5'-6"	4'-4"	4'-8"	
F	3'-9"	4'-8 1/4"	4'-3"	
G	9'-7"	8'-2"	3'-7"	
H	6'-1"	6'-1"	5'-6 1/2"	
J	4'-9"	3'-10"	2'-8"	
K	5'-7 1/2"	7'-6"	10'-9 1/2"	
L	7'-4"	5'-5"	2'-7 1/2"	

SEE SHEET F1.11

STANDARD BUILDING — ADMIN BLDG

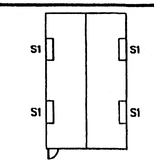
VENT CALCULATIONS

VENTING REQUIRED=24'x40'=960/150=6.4 SF

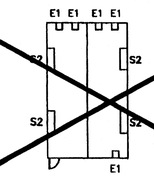
VENT
S1=3"x76"=1.63 SF
S2=3"x48"=1.00 SF
E1=3"x24"=0.50 SF

50 PSF FLOOR LOAD
S1X4=6.52 SF > 6.40 SF OK

50+20 PSF FLOOR LOAD
S2x4=4.00 SF
E1x5=2.50 SF
6.50 SF > 6.4 OK



50 PSF FLOOR LOAD



50+20 AND 100 PSF FLOOR LOADS

VENT LEGEND

S1=SIDE WALL VENT. 3"x6'-6" 3 2
S2=SIDE WALL VENT. 3"x4'-0"
E1=END WALL VENT. 3"x2'-0"

KEY NOTES

1. FOUNDATION AT END WALL – SEE FOUNDATION PLATE SCHEDULE
2. FOUNDATION AT SIDE WALL – SEE FOUNDATION PLATE SCHEDULE
3. FOUNDATION MODLINE PAD AT END WALL –SEE FOUNDATION PLATE SCHEDULE.
4. FOUNDATION MODLINE PAD AT INTERIOR – SEE FOUNDATION PLATE SCHEDULE.
5. FOUNDATION PAD AT 4" SEPARATION AT END WALL
6. FOUNDATION PAD AT 4" SEPARATION AT INTERIOR WALL
7. SILL RESTRAINT – SEE NOTE 1
8. TIE PLATE – 5,6/F1.21
   AT 70 MPH DESIGN WIND LOAD:
   MIN (4) AT EACH END WALL, (3) AT EACH SIDE WALL
   AT 80 MPH DESIGN WIND LOAD:
   MIN (5) AT EACH END WALL, (3) AT EACH SIDE WALL
9. 5/8" DIAx4" LAGS
10. FOUNDATION VENT
11. FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
12. 2" CUTOUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

NOTES

1. SILL RESTRAINT:
   ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX 12" PENETRATION BELOW SURFACE VERTICALLY. DRILLED SILL HOLE TO BE 1 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE. TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.
   ALTERNATE:
   ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS. 3
2. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
3. A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY, LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN-PLANT INSPECTOR.
4. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
5. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION. 1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

APR 18 2002

STKP-62

FILE PATH: 2440-4134.DWG

REVISIONS			
1	SP	ADDED NOTE #6	9/7/00
2	SP	REVISED VENT LEGEND	12/20/00
3	SP	REVISED NOTE #1	01/03/00
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXPIRES 6-30-2003

Architects Seal
LICENSED ARCHITECT GEORGE C. EDWARDS REN. 9-30-03 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC. FLS
DATE SEP 07 2000
SEP 0 6 2006

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134, 4153, 4173, 4207, 4203, 4215, 4250, 4284, 4302, 4350, 4304, 4347, 4373, 4422, 4506

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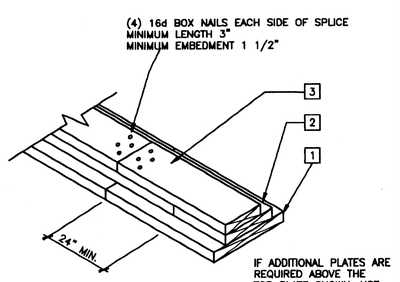
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02

MODTECH Index No.
26-F1.01

FOUNDATION PLAN 24'X40'/WOOD/50, 50+20, 100 PSF

PROJECT NO. 4134 4207
PC-04-101268



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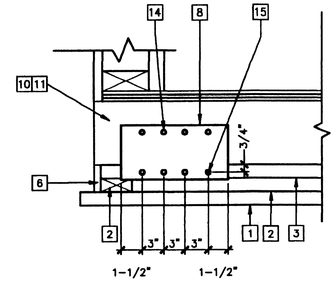
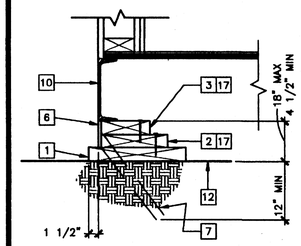
FOUNDATION SPLICE 9



SCALE: 1 1/2"=1'-0" LAG BOLT TO FLOOR BEAM

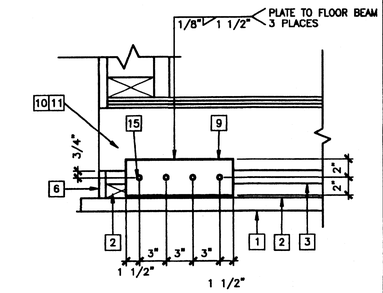
TIE PLATE 5



SCALE: 1 1/2"=1'-0" NOTE: WHERE ADDITIONAL BLOCKING IS REQUIRED SEE DETAIL 7

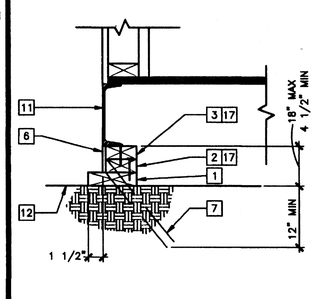
FOUNDATION AT SIDE WALL 1

10



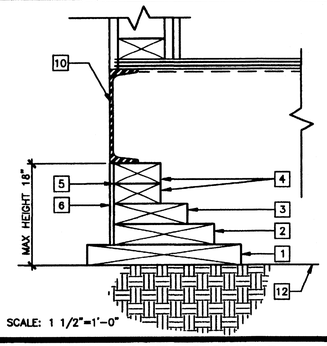
SCALE: 1 1/2"=1'-0" WELDED TO FLOOR BEAM

TIE PLATE (ALTERNATE) 6



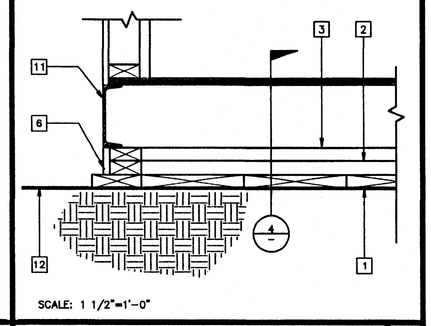
SCALE: 1 1/2"=1'-0"

FOUNDATION AT END WALL 2



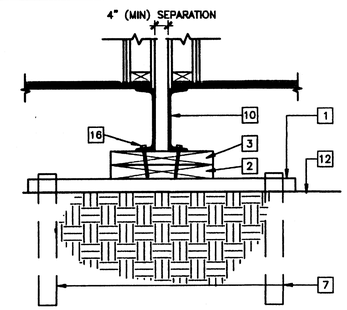
SCALE: 1 1/2"=1'-0"

ADDITIONAL BLOCKING 7



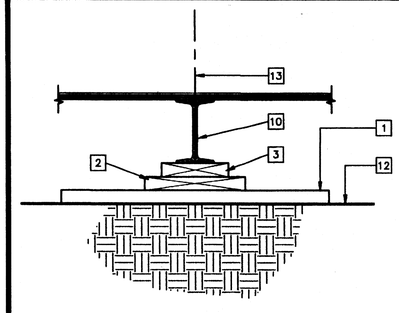
SCALE: 1 1/2"=1'-0"

FOUNDATION AT MODLINE 3



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

FOUNDATION AT ADJACENT BUILDING 8



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

FOUNDATION AT MODLINE 4

KEY NOTES

1. SILL PLATE – SEE FOUNDATION PLATE SCHEDULE.
2. BLOCKING PLATE – SEE FOUNDATION PLATE SCHEDULE, ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
3. TOP PLATE – SEE FOUNDATION PLATE SCHEDULE, ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
4. ADDITIONAL 2"x4" BLOCKING AS NECESSARY FOR LEVELING
5. LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE
6. SKIRTING–3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
7. SILL RESTRAINT – SEE NOTE 1
8. TIE PLATE 6"x12"x10 GA
9. TIE PLATE 4"x12"x10 GA
10. FLOOR BEAM
11. FLOOR HEADER
12. FINISH GRADE
13. MODLINE
14. 1/4" DIA STS TYPICAL 4 PLACES
15. 1/4" DIAx3" LONG LAG SCREW TYPICAL 4 PLACES
16. 5/8" DIAx4" LAGS (FOR LOCATION SEE PLAN)
17. REMOVE AT VENT LOCATIONS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

FILE PATH: 2440-4134.DWG

PC
CBC 1998

APR 1 8 2002

STKP-62

PROJECT NO. 4134 4207

PC-04-101268

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architects Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC. SS FLS DATE SEP 07 1999
1 2 3 4 5			LICENSE EXPIRES 6-30-2000	LICENSED ARCHITECT GEORGE C. LEVANDOWSKI STATE OF CALIFORNIA REN. 9-30-02	

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
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PROJECT NUMBER: 4134, 4153, 4173, 4207 4203, 4215 4250, 4284, 4302, 4350 4304, 4347, 4373, 4422 4506

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FOUNDATION DETAILS WOOD/50, 50+20, 100 PSF

DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
26-F1.21

KEY NOTES

1	2"x12"x24" SILL PLATE
2	2"x12"x20" SILL PLATE
3	2"x12" CONTINUOUS SILL PLATE
4	2"x12" CONTINUOUS BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
5	2"x8" BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
6	2"x6" BLOCKING PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
7	2"x6" TOP PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
8	SKIRTING – 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
9	SILL RESTRAINT – SEE NOTE 1
10	FLOW THROUGH VENT
11	TIE PLATE 6"x12"x10 GA
12	TIE PLATE 4"x12"x10 GA
13	FLOOR BEAM
14	NOT USED
15	FINISH GRADE
16	MODLINE
17	1/4" DIA STS TYPICAL 4–PLACES
18	1/4" DIAx3" LONG LAG SCREW TYPICAL 4–PLACES
19	5/8" DIAx4" LAGS
20	REMOVE AT VENT LOCATIONS
21	DOOR
22	ALUMINUM THRESHOLD
23	LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE

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DATE: 08/20/2026

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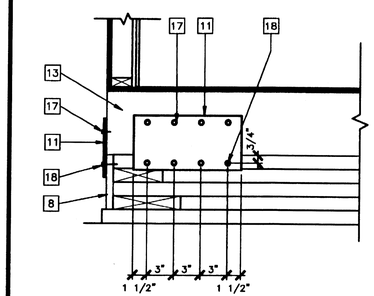
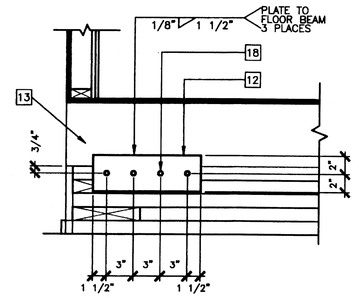


SCALE: 1 1/2"=1'–0"

LAG BOLT TO FLOOR BEAM

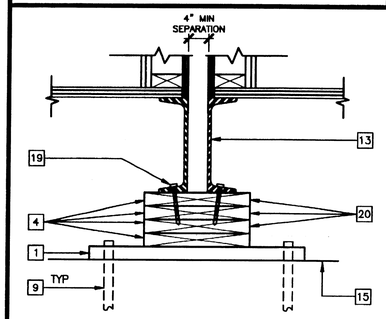
TIE PLATE 5



SCALE: 1 1/2"=1'–0"

WELDED TO FLOOR BEAM

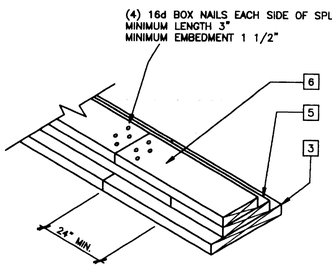
TIE PLATE (ALTERNATE) 6



SCALE: 1 1/2"=1'–0"

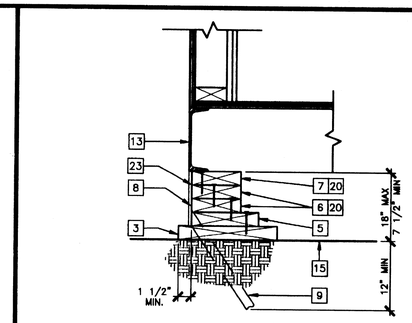
OPTIONAL

FOUNDATION AT ADJACENT BUILDING 7



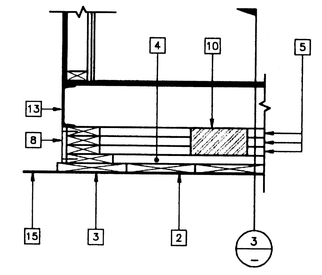
SCALE: NTS

FOUNDATION SPLICE 8



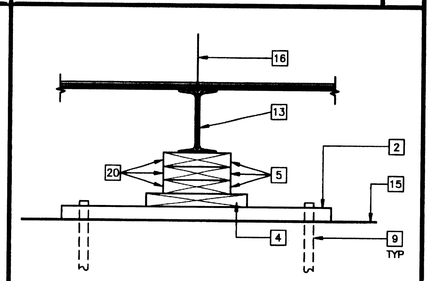
SCALE: 1 1/2"=1'–0"

FOUNDATION TYPICAL 1



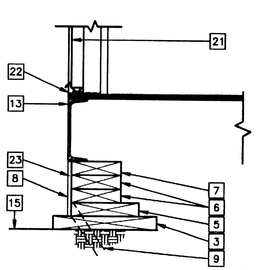
SCALE: 1"=1'–0"

MODLINE PAD AT END WALL 2



SCALE: 1 1/2"=1'–0"

FOUNDATION AT MODLINE 3



SCALE: 1 1/2"=1'–0"

THRESHOLD 4

PC
CBC 1998

STKP-62

04 101268
FLS
APR 18 2002

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
JAMES
EXPIRES 6-30-2000

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS BLDG
DATE SEP 07 2004

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134

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DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02

MODTECH Index No.
26-F1.22

FOUNDATION DETAILS WOOD/125 PSF

FILE PATH: 2440–4134.DWG

PROJECT NO. 4134

PC-04-101268

BUILDING 27

MODULAR CLASSROOM BUILDINGS

CLASS LEASING INC

BUILDING SIZE: 24' x 40'- 100

STOCKPILE # 70

EXPANDABLE TO ~~144' x 40'~~

PC 04-104801

#	ROOF SLOPE	SERIAL #		JOB #
15 -	MONO	47728-01/02 to	47742-01/02	#4667
3 -	MONO	47777-01/02 to	47779-01/02	#4438
1 -	MONO	48018-01/02		#4754
21 -	MONO	48923-01/02 to	48943-01/02	#5100
1 -	MONO	47893-01/02		#4438
1 -	DUAL	48821-01/02		#5063
8 -	DUAL	49689-01/02 to	49696-01/02	#5355
4 -	DUAL	49988-01/02 to	49991-01/02	#5342
6 -	DUAL	50705-01/02 to	50710-01/02	#5550
10 -	MONO	50884-01/02 to	50893-01/02	#5584
1 -	DUAL	50922-01/02	W/ TR OPTION	#5602
10 -	DUAL	51216-01/02 to	51225-01/02	#5677

DGS State of California • Department of General Services • Gray Davis, Governor
DIVISION OF THE STATE ARCHITECT
Headquarters• 1130 K Street, Suite 101 • Sacramento, CA 95814 • (916) 445-8100

STRUCTURAL TESTS AND INSPECTIONS

Testing Laboratory: | Date: | File Number:
Name: | Application Number:
District / Owner:
Architect:
Structural Engineer:

The following tests and inspections, as checked, will be required as detailed in applicable specifications.

COMPACTED FILL	Concrete	Gunite	Grout	Mortar	
☐ Fill material, acceptance tests					Test of aggregates for mix design only
☐ Compaction control, continuous					Suitability tests of aggregates as detailed below
☐ Compaction tests only as ordered	✓				Mix designs
☐ Bearing capacity of compacted fill	✓				[redacted]
REINFORCING STEEL					Inspect placing
☒ Sample and test bar steel [redacted]					Sample
☒ Sample and test mesh	✓				Compression tests
☐ Inspect placing at job					Pick up samples at job
STRUCTURAL STEEL					Samples delivered to laboratory
☒ Sample and test as detailed below					Deliver sample forms to job site
☒ Shop fabrication inspection					Sample and test cement
☐ Field erection inspection					
☒ Inspection of welds - Shop					
☐ Inspection of welds - Field					
☐ Inspection of riveting or bolting - Shop					
☐ Inspection of riveting or bolting - Field					
☐ Sample and test high strength bolts and washers					

BRICK AND BLOCK	Concrete	Gunite	Grout	Mortar
☐ Sample and test				
☐ Test only				
☐ Inspection of placing				
☐ Core drill samples				

GLUED LAMINATED STRUCTURAL LUMBER	Concrete	Gunite	Grout	Mortar
☐ Fabrication inspection				
☐ Sample and test steel accessories				
☐ Inspect fabrication of steel accessories				

Suitability Tests: ☐ Sodium sulphate; ☐ Structural strength; ☐ Los Angeles rattler; ☐ Clay (Hydrometer method); ☐ Reactivity tests; ☐ Volume change

Mix designs: Concrete, Gunite, Mortar, or Grout

Material	Maximum Size	f'_c 28 DAY Compressive Strength, PSI, Minimum
STD CONC	1" ϕ	3000 PSI
LTWT CONC	3/4" ϕ	3000 PSI

List of structural steel members to be tested:
ALL STEEL NOT PROPERLY IDENTIFIED PER CBC CHAPTER 22 (MILL CERTS)

Is this list continued on reverse? ☐ YES ☐ NO

Other tests and inspections, together with special instructions:
GROUT TEST

Copies of reports to: ARCHITECT OF RECORD

Are these instructions continued on reverse? ☐ YES ☐ NO

By: _____ Authorized Representative

SSS 103-1 (Revised 8/99)

ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR.

A PROJECT INSPECTOR EMPLOYED BY THE OWNER AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

"AS ALTERNATE FOR ALL SHOT PIN ATTACHMENTS, USE #10 S.T.M.S. AT THE SAME SPACING."
#10 USE MAX. 3/8" MATERIAL
#12 USE MAX. 1/2" MATERIAL

ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F, AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

BUILDING CODES AND STANDARDS

2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
2001 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1, 2, AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA ELECTRICAL CODE (CEC), (PART 3, TITLE 24, CCR) (1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA MECHANICAL CODE (CMC), (PART 4, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA PLUMBING CODE (CPC), (PART 5, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
2001 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)
2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
NFPA 13, 1999 ED, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
NFPA 14, 2000 ED, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
NFPA 24, 1995 ED, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
NFPA 72, 1999 ED, NATIONAL FIRE ALARM CODE, AS AMENDED

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT. THEY SHALL PRESIDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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BUILDING DATA

STRUCTURAL DESIGN: ORDINARY MOMENT RESISTANT FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): [redacted] 80 MPH
SEISMIC ZONE 4, SEISMIC SOURCE TYPE A, DISTANCE ≤1.25 MILES
Z = .4 I = 1.0 Cv = 1.28 Nv = 2.0
R = 4.5 Ca = 0.66 Na = 1.5 SOIL TYPE = S_D
FLOOR LIVE LOAD: 50 PSF, 50+20 PSF, 100 PSF, 125 PSF, STIFFENED
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2
~~36'x40' CLASSROOM: E-2~~
~~48'x40' CLASSROOM: E-2~~
BUILDING AREA: 24'x40' BUILDING - 960 SF [redacted]
~~36'x40' BUILDING - 1440 SF~~ ~~48'x40' BUILDING - 1920 SF~~
~~48'x40' BUILDING - 1920 SF~~ ~~60'x40' BUILDING - 2400 SF~~
~~60'x40' BUILDING - 2400 SF~~ ~~72'x40' BUILDING - 2880 SF~~
~~84'x40' BUILDING - 3360 SF~~ ~~144'x40' BUILDING - 5760 SF~~

THIS BUILDING SHALL NOT BE USED FOR A2.1 OCCUPANCY, COMPLIES WITH CLIMATE ZONES 1-15
THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.

LEGEND

SYMBOL	DESCRIPTION
1 / –	DETAIL-1 ON SAME SHEET AS SYMBOL
1 / F2	DETAIL-1 ON SHEET F2.
A / S2	SECTION-A ON SHEET S2.
1	KEY NOTE (ON SAME SHEET AS SYMBOL)
1	REVISION IN DRAWING
CLOUD	HIGHLIGHTS REVISED AREA
2	DOOR REFERENCE
A	WINDOW REFERENCE
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE, SHEET A5.01
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE PLUMBING DRAWINGS
HV	HEATING, VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
RAMP	RAMP – SEE RAMP DRAWINGS

ABBREVIATIONS

AGC	=	ABOVE GRADE CONCRETE
BGC	=	BELOW GRADE CONCRETE
CLR	=	CLEAR
DIA, ϕ	=	DIAMETER
GA	=	GAUGE
ID	=	INSIDE DIAMETER, IDENTIFICATION
MAX	=	MAXIMUM
MIN	=	MINIMUM
NIC	=	NOT IN CONTRACT
NTS	=	NOT TO SCALE
OC	=	ON CENTER
OD	=	OUTSIDE DIAMETER
OSB	=	ORIENTED STRAND BOARD
ROH	=	ROOF OVERHANG
SHT	=	SHEET
SIM	=	SIMILAR
STS	=	SELF TAPPING SCREW
STSMS	=	SELF TAPPING SHEET METAL SCREW
TYP	=	TYPICAL
UON, UNO	=	UNLESS OTHERWISE NOTED
WIC	=	WOODWORK INSTITUTE OF CALIFORNIA

SHEET INDEX MONO

ARCHITECTURAL

27-A0.01 COVER SHEET
27-A1.01 FLOOR PLAN
~~A1.02 FLOOR PLAN - 48'x40'~~
~~A2.01 REFLECTED CEILING PLAN (8 LIGHT)~~
~~A2.02 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A2.03 REFLECTED CEILING PLAN (16 LIGHTS)~~
~~A2.04 REFLECTED CEILING DETAILS~~
~~A3.01 ROOF PLAN - 26 GA/DUAL PITCH~~
27-A3.03 ROOF DETAILS
~~A3.05 ROOF DETAILS - 26 GA~~
~~A3.06 ROOF DETAILS - MISCELLANEOUS OPTIONS~~
~~A3.11 ROOF PLAN - 26 GA/DUAL PITCH~~
~~A3.12 ROOF PLAN - 26 GA/MONO PITCH~~
~~A3.13 ROOF DETAILS - 26 GA~~
~~A3.21 ROOF PLAN - BUILT UP ROOF/DUAL PITCH~~
~~A3.22 ROOF PLAN - BUILT UP ROOF/MONO PITCH~~
~~A4.01 EXTERIOR ELEVATIONS - 26 GA/DUAL PITCH~~
A4.02 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
~~A4.11 EXTERIOR ELEVATIONS - 26 GA/DUAL PITCH~~
~~A4.12 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH~~
~~A4.21 EXTERIOR ELEVATIONS - 26GA/DUAL PITCH/STUCCO~~
~~A4.22 EXTERIOR ELEVATIONS - 26GA/MONO PITCH/STUCCO~~
~~A4.31 ARCHITECTURAL DETAILS - WOOD STUDS~~
~~A4.32 ARCHITECTURAL DETAILS - STEEL STUDS~~
~~A4.33 ARCHITECTURAL DETAILS - PLASTER~~
~~A4.34 ARCHITECTURAL DETAILS - 1-HOUR RATED~~
~~A5.01 INTERIOR ELEVATIONS~~
~~A5.01 DOOR, WINDOW, AND HARDWARE SCHEDULES~~
~~A5.02 ROOM FINISH SCHEDULE~~
~~A5.03 MISCELLANEOUS OPTIONS~~
~~A5.05 RAMP DETAILS~~

STRUCTURAL

~~S1.01 FOUNDATION PLAN - WOOD - 50, 50+20, 100 PSF~~
~~S1.11 FOUNDATION PLAN - WOOD - 125 PSF~~
~~S1.01 FOUNDATION PLAN - WOOD - 50, 50+20, 100 PSF~~
27-F1.11 FOUNDATION PLAN
~~S1.21 FOUNDATION DETAILS - 50, 50+20, 100 PSF~~
27-F1.22 FOUNDATION DETAILS
27-F2.0 STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS
~~S2.00 FOUNDATION PLAN - BGC - 100, 125 PSF~~
~~S2.05 FOUNDATION PLAN - BGC - 100, 125 PSF (16' o.c. COLUMNS)~~
~~S2.11 FOUNDATION DETAILS - BELOW GRADE CONCRETE~~
~~S2.12 FOUNDATION DETAILS~~
~~S3.01 FLOOR FRAMING PLAN - WOOD DECK~~
~~S3.11 FLOOR FRAMING PLAN - CONCRETE DECK~~
~~S3.01 ROOF FRAMING PLAN - 26 GA/DUAL PITCH (8 & 12 LIGHTS)~~
~~S3.02 ROOF FRAMING PLAN - 26 GA/MONO PITCH (8 & 12 LIGHTS)~~
~~S3.03 ROOF FRAMING PLAN - 26GA/DUAL PITCH (16 LIGHTS)~~
~~S3.04 ROOF FRAMING PLAN - 26 GA/MONO PITCH (16 LIGHTS)~~
~~S3.01 STRUCTURAL FRAMING - 26 GA/DUAL (8 & 12 LIGHTS)~~
26-S3.02 STRUCTURAL FRAMING - 26 GA/MONO - (8 & 12 LIGHTS)
~~S3.03 STRUCTURAL FRAMING - 26 GA/DUAL (16 LIGHTS)~~
~~S3.04 STRUCTURAL FRAMING - 26 GA/MONO (16 LIGHTS)~~
~~S3.01 STRUCTURAL FRAMING - 26 GA/DUAL (8 & 12 LIGHTS)~~
~~S3.02 STRUCTURAL FRAMING - 26 GA/MONO (8 & 12 LIGHTS)~~
~~S3.3 STRUCTURAL FRAMING - 26 GA/DUAL (16 LIGHTS)~~
~~S3.4 STRUCTURAL FRAMING - 26 GA/MONO (16 LIGHTS)~~
~~S4.01 WALL FRAMING - WOOD STUDS~~
~~S4.02 WALL FRAMING DETAILS - WOOD STUDS~~
~~S4.11 WALL FRAMING - STEEL STUDS~~
~~S4.12 WALL FRAMING DETAILS - STEEL STUDS~~

MECHANICAL

~~M1.01 MECHANICAL (HVAC) PLAN - (8 LIGHTS)~~
~~M1.02 MECHANICAL (HVAC) PLAN - (12 LIGHTS)~~
~~M1.03 MECHANICAL (HVAC) PLAN - (16 LIGHTS)~~

ELECTRICAL

~~E1.01 ELECTRICAL PLAN - (8 LIGHTS)~~
~~E1.02 ELECTRICAL PLAN - (12 LIGHTS)~~
E1.03 ELECTRICAL PLAN - (12 LIGHTS)

PLUMBING

~~P1.01 PLUMBING PLAN AND DETAILS~~

RAMP

R1.01 4 FOOT RAMP/LANDING PLAN
R1.02 RAMP/STAIRS DETAILS
~~R1.01 OFFSET RAMP/LANDING PLAN~~
~~R1.02 OFFSET RAMP/STAIRS DETAILS~~
~~R1.03 FULL LENGTH RAMP/LANDING AND DETAILS~~
~~R1.01 CONCRETE RAMP/LANDING~~
~~R1.01 8 FOOT RAMP/LANDING PLAN~~

4012-125

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

SSS: J.M. Cotton
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 105899
AC: RJS SS
DATE MAY 2003
ACS: Approved
FLS: Exempt per 5-22-03

DATE SIGNED
APR 16 2003

PC
CBC 2001

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DIV. OF THE STATE ARCHITECT
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PC-04
104801
AC: RJS FLS WJ SS DSA
DATE 5/22/03

PC-04-104801 PROJECT NO.

FILE PATH: 4400-A0.01.DWG

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional Engineer's Record Seal
REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 5302 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2004

Architect's Seal
LICENSED ARCHITECT GEORGE C. COTTON No. C 2956 REN. 8-31-03 STATE OF CALIFORNIA

MODTECH™ INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

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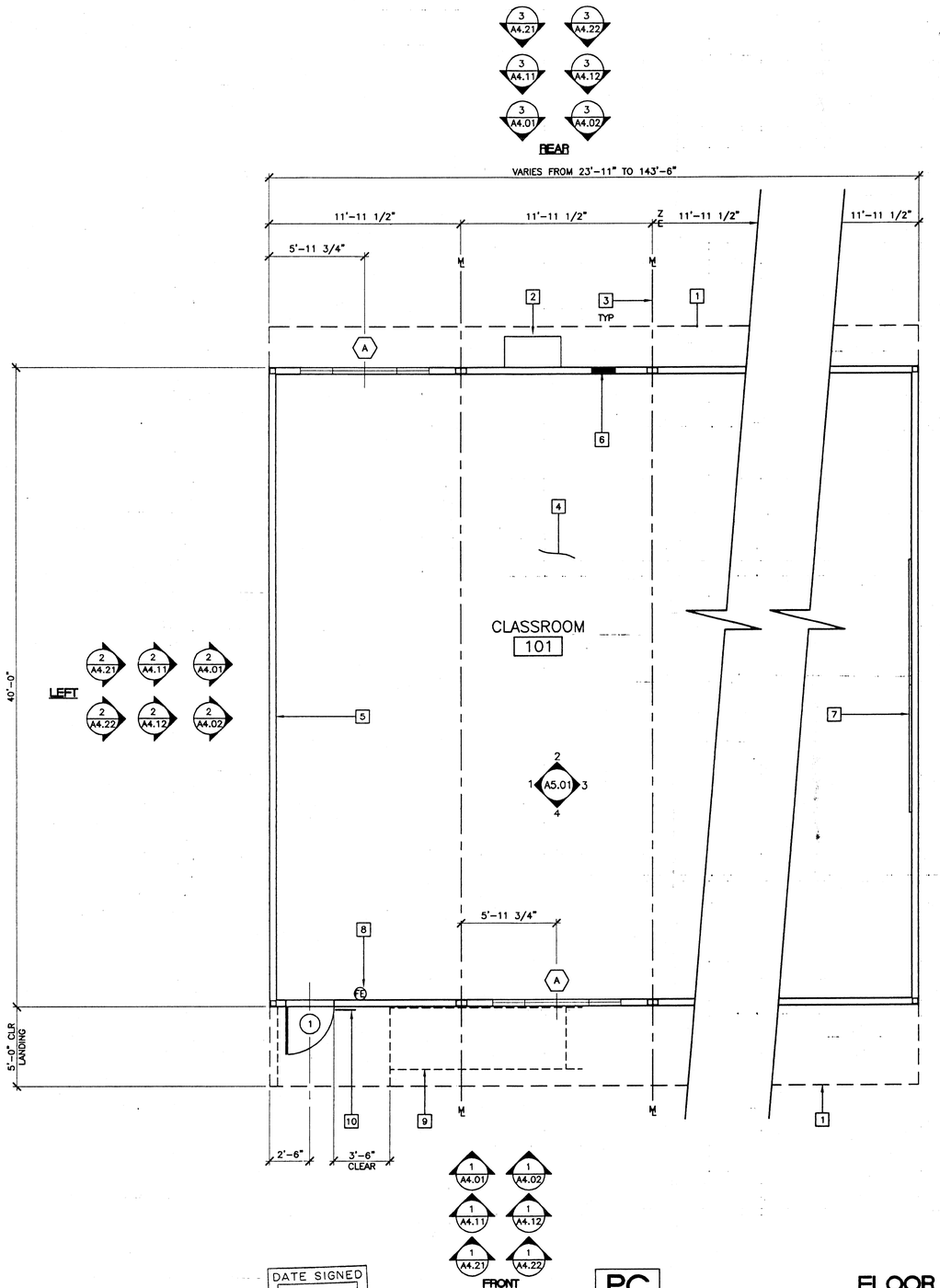
CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

MODTECH Index No.
27-A0.01

COVER SHEET



KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT (HV)
3. MODLINE (M)
4. FINISH FLOORING (FIN)
5. INTERIOR FINISH (FIN)
6. ELECTRICAL PANEL (EL)
7. 2– 8'X4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
8. FIRE EXTINGUISHER – 5 POUNDS DRY CHEMICAL WITH 2A – 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
9. RAMP/LANDING (RAMP) SEE SHEETS R1 – R4
10. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. SEE SHEET A6.01

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF–CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
   (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602
   (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE–DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
   (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
4. DISTRICT TO PROVIDE OCCUPANCY LOAD SIGN PER CBC 1007.2.6 PRIOR TO OCCUPANCY
5. ADEQUATE EXITS, EXIT WIDTH, AND SEPARATION OF EXITS SHALL BE PROVIDED AS REQUIRED BY CBC CHAPTER 10
6. PANIC HARDWARE IS REQUIRED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER PER CBC 1007.3.10

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APP: 03-126207 INC:
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DATE: 08/20/2026

FILE PATH: 2440–A1.01.DWG

DATE SIGNED
APR 30 2003

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CBC 2001

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OFFICE OF REGULATION SERVICES
04 105299
AC. FLS. SS
DATE MAY 22 2003

4012-125

FLOOR PLAN

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

REVISIONS				Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architects Seal	
1								
2								
3								
4								
5								

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104801
AC. FLS. SS
DATE 5/19/03

MODTECH™ INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943–4014
FAX (909) 940–0427

PROJECT NUMBER:

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CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

FLOOR PLAN

DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

MODTECH Index No.
27-A1.01

PROJECT NO. PC–04–104801

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DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
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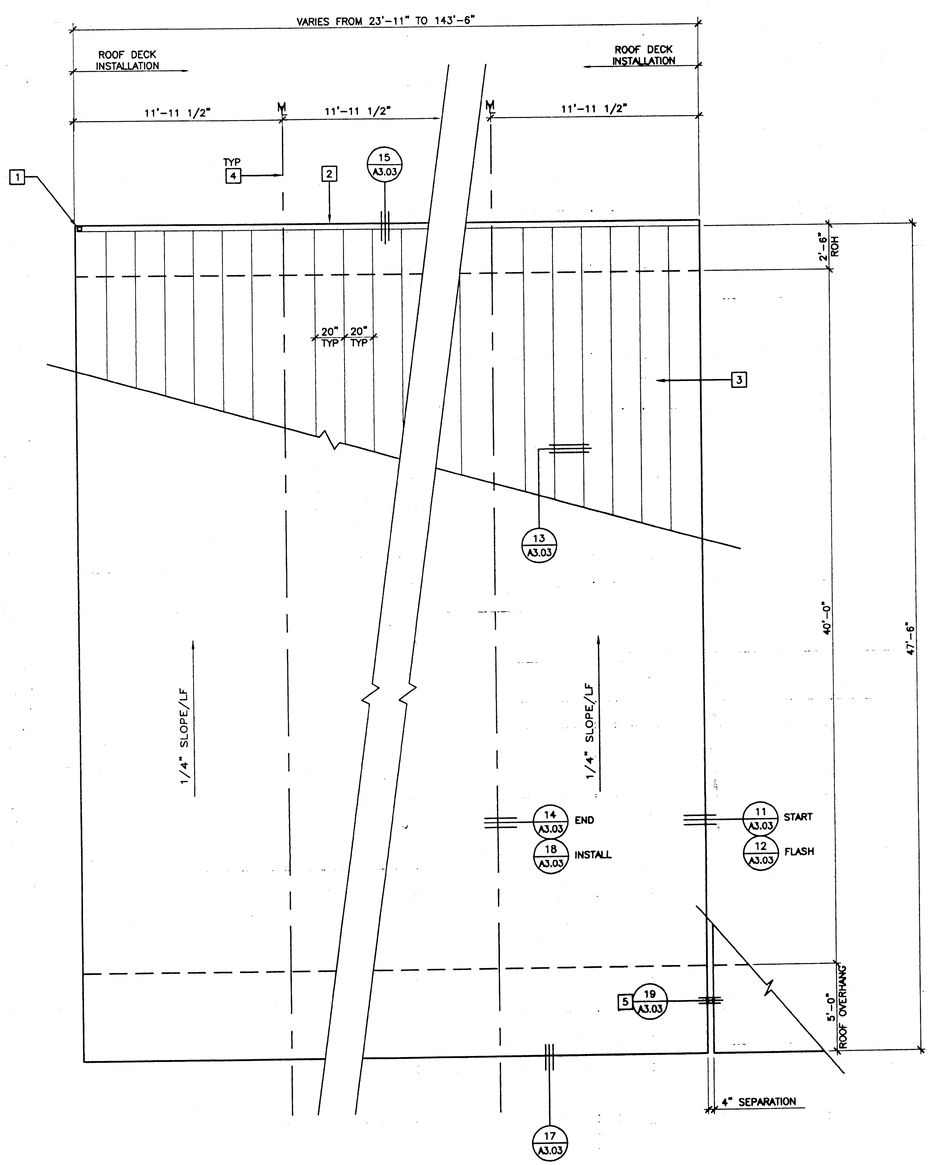
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

REAR



LEFT

RIGHT

FRONT

KEY NOTES

1. DOWNSPOUT –16/A3.03
2. CONTINUOUS GUTTER 26 GA –15/A3.03
3. 26 GA MIN INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD – CLASS A ROOFING SYSTEM OR ALTERNATE 3/4" LOUISIANA PACIFIC OSB (SEE SPECIFICATIONS)
4. MODLINE (M)
5. 4" SEPARATION AS REQUIRED PER FLOOR PLAN

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A – CLASS A OR B.

FILE PATH: 2440-A3.02.DWG

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OFFICE OF REGULATION SERVICES
04 105299
AC ☑ FLS ☑ SS ☑
DATE MAY 22 2006

DATE SIGNED
APR 10 2003

PC
CBC 2001

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-324
104801
AC. ☑ FLS. ☑ SS. ☑
DATE 5/12/06

ROOF PLAN — 26 GA MONO PITCH (23'-11" TO 143'-6")
SCALE: 1/4" = 1'-0"

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 3602 STRUCTURAL
LICENSE RENEWAL 9-30-2004

Architects Seal
LICENSED ARCHITECT GEORGE C. EDWARDS REN 9-30-03 STATE OF CALIFORNIA

MODTECH™ INC.
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PROJECT NUMBER:

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CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

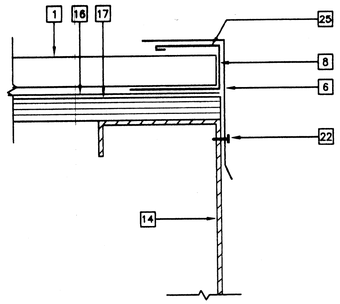
DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

MODTECH Index No.

ROOF PLAN — 26 GA MONO PITCH

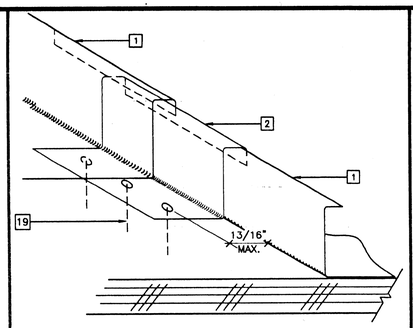
27-A3.02

PROJECT NO. PC-04-104801



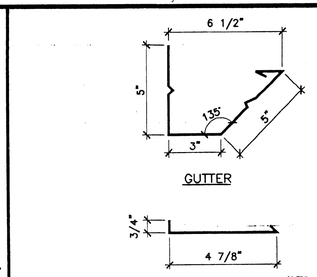
SCALE: 3"=1'-0"

ROOF FLASHING AT HIGH SIDE | 17



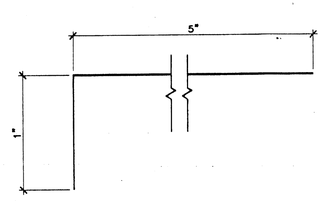
SCALE: NTS

ROOF STANDING SEAM | 13



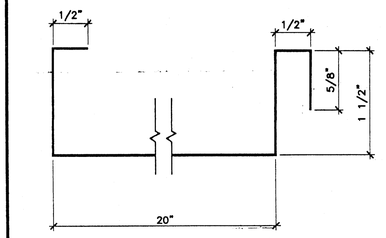
SCALE: 3"=1'-0"

26 GA GUTTER AND GUTTER STRAP | 9



SCALE: NTS

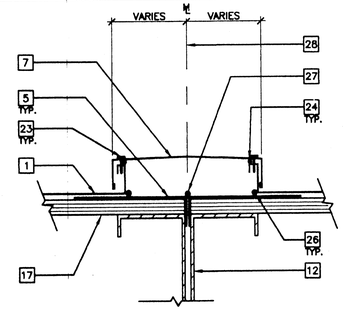
FLASHING AT MODLINE WALL | 5



26 GA STEEL G90LFQ

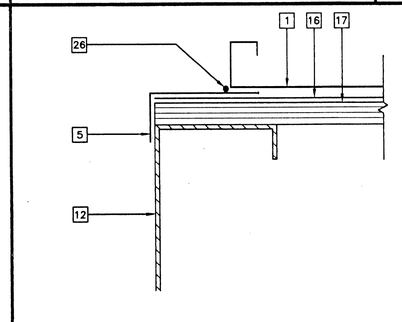
SCALE: NTS

ROOF PAN | 1



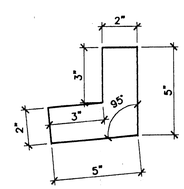
SCALE: 1 3/4"=1'-0"

MODLINE ROOF CAP | 18



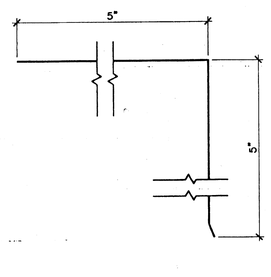
SCALE: 3"=1'-0"

END ROOF PAN CONNECTION | 14



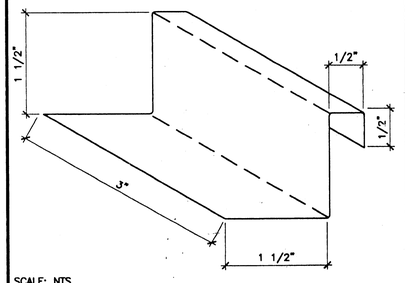
SCALE: 3"=1'-0"

DOWNSPOUT AT BEND | 10



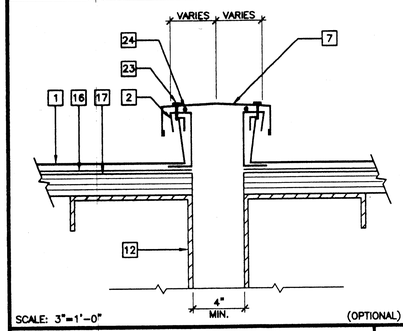
SCALE: NTS

ROOF FLASHING AT HIGH SIDE | 6



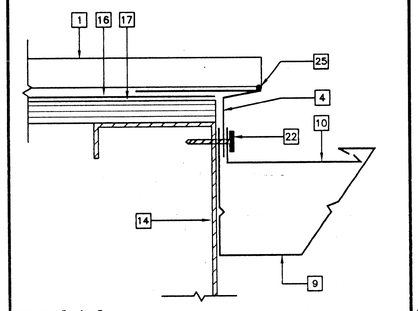
SCALE: NTS

ROOF CLIP | 2



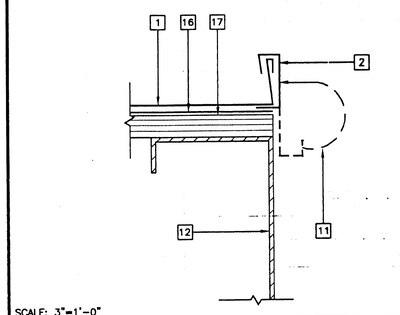
SCALE: 3"=1'-0"

ROOF CAP AT 4" SEPARATION | 19



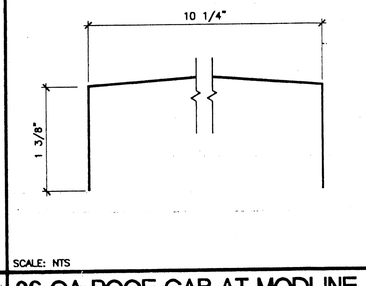
SCALE: 3"=1'-0"

GUTTER AT ROOF FASCIA BEAM | 15



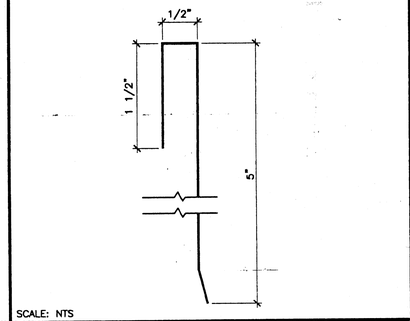
SCALE: 3"=1'-0"

STARTER ROOF PAN CONNECTION | 11



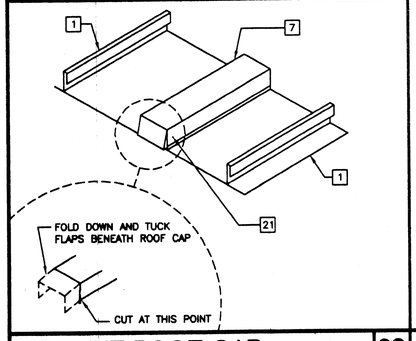
SCALE: NTS

26 GA ROOF CAP AT MODLINE | 7

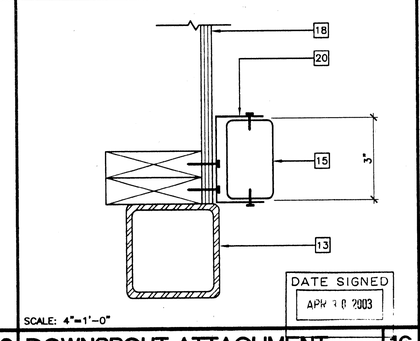


SCALE: NTS

ROOF FLASHING AT SIDE WALL | 3



MODLINE ROOF CAP | 20



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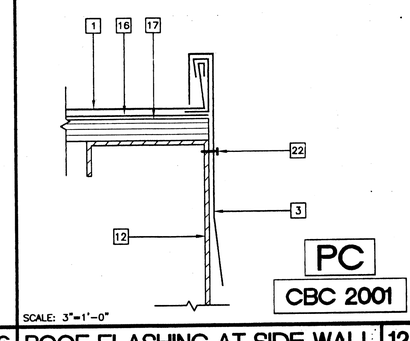
SCALE: 4"=1'-0"

DOWNSPOUT ATTACHMENT | 16



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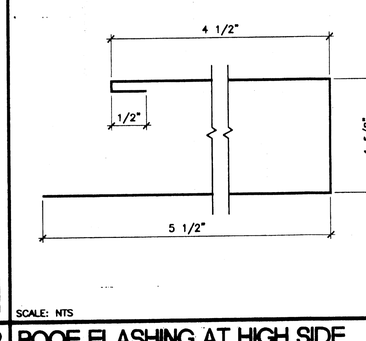
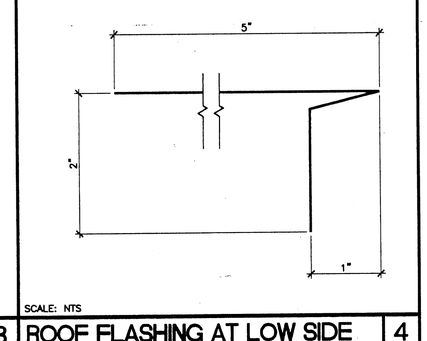
SCALE: 3"=1'-0"

ROOF FLASHING AT SIDE WALL | 12



SCALE: NTS

ROOF FLASHING AT HIGH SIDE | 8



SCALE: NTS

ROOF FLASHING AT LOW SIDE | 4

KEY NOTES

1. 26 GA STANDING SEAM ROOF PAN – 1/A3.03
2. 26 GA ROOF CLIP (AT 24" OC MAX AND 6" MAX FROM END OF ROOF) – 2/A3.03
3. 22 GA GALVANIZED IRON FLASHING AT SIDEWALL – 3/A3.03
4. 22 GA GALVANIZED IRON FLASHING AT LOW END OF ROOF – 4/A3.03
5. 22 GA GALVANIZED STEEL FLASHING AT MODLINE WALL – 5/A3.03
6. 22 GA GALVANIZED STEEL FLASHING AT HIGH END OF ROOF – 6/A3.03
7. 26 GA ROOF CAP AT MODLINE – 7/A3.03
8. 26 GA ROOF METAL FLASHING AT HIGH SIDE – 8/A3.03
9. 26 GA CONTINUOUS GUTTER – 9/A3.03
10. 26 GA GUTTER STRAP – 9/A3.03
11. ROOF CLIP MOUNTED UPSIDE-DOWN, BEND CLIP HEAD UP AND OVER ROOF PAN – 11/A3.03
12. ROOF BEAM (STR)
13. COLUMN (STR)
14. ROOF FASCIA (STR)
15. DOWN SPOUT
16. WEATHER PROOF MEMBRANE (25-30 LBS ASPHALT COATED)
17. PLYWOOD ROOF SHEATHING (STR)
18. TYPICAL EXTERIOR FINISH (FIN)
19. (3) .080 x 1 1/2" SHANK NAILS – ROOF CLIP TO ROOF DECKING
20. DOWNSPOUT BRACKET TYPICAL (3) PLACES, TOP, BOTTOM AND MIDSPAN – ATTACH TO SIDING W/(2) #10 STSMS AND DOWNSPOUT W/(2) #10 STSMS.
21. #10 STSMS WITH NEOPRENE WASHERS AT EACH SIDE.
22. #10 STSMS WITH NEOPRENE WASHER AT 24" OC
23. #10 STSMS WITH NEOPRENE WASHERS AT 36" OC ON "WET" SIDE OF SEALANT
24. 1/4" BEAD OF SEALANT ALONG ENTIRE LENGTH OF BOTH MODLINE RIBS
25. SEALANT AT END OF ROOF PAN
26. CONTINUOUS BEAD OF SEALANT AT JOINT BETWEEN MODLINE FLASHING AND END PAN AND AT EACH END PAN ROOF CLIP
27. CONTINUOUS SEALANT AT MODLINE JOINT
28. MODLINE (M)

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PC-04-104801 PROJECT NO.

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Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON No. 42602 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2004

Architects Seal
LICENSED ARCHITECT GEORGE C. ERICKSON No. C 2956 REN 8-30-03 STATE OF CALIFORNIA

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MODTECH™ INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

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DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

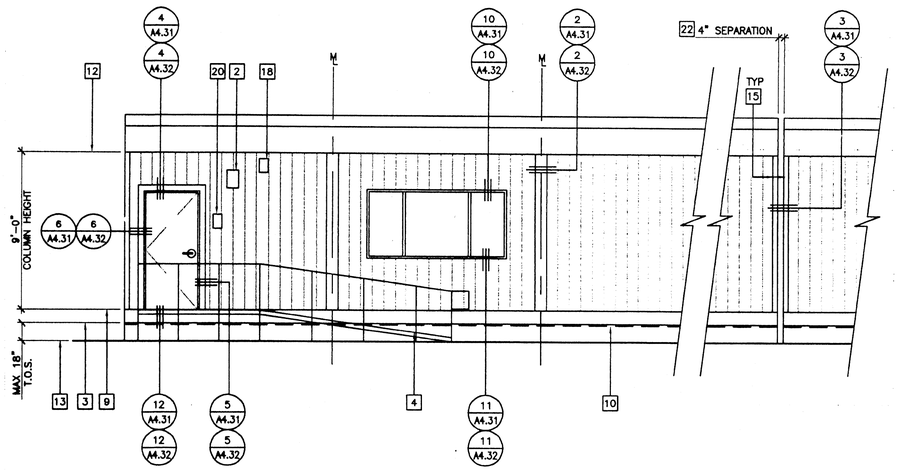
CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

MODTECH Index No.

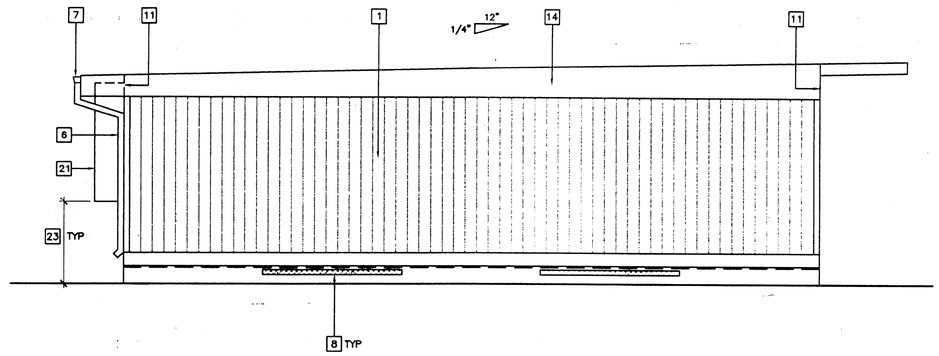
ROOF DETAILS

26 GA

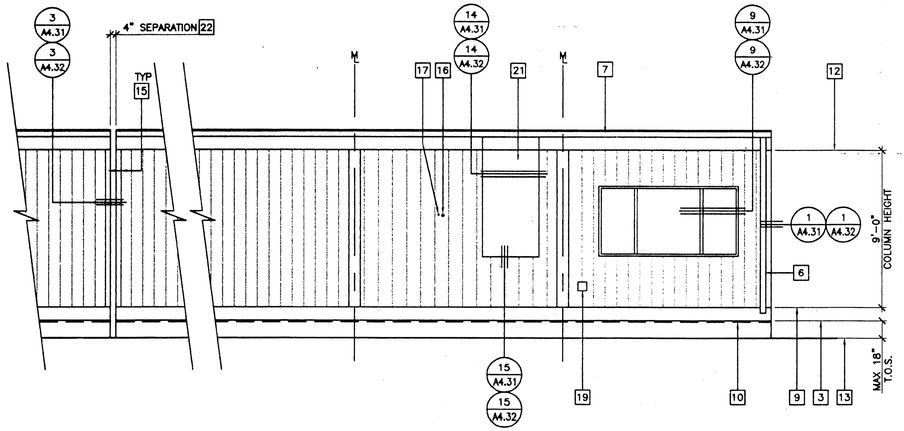
27-A3.03



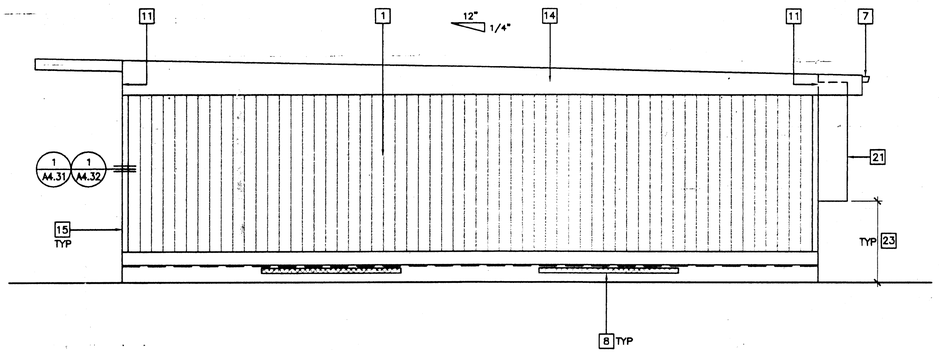
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

KEY NOTES

1. TYPICAL EXTERIOR FINISH (SEE EXTERIOR FINISH SCHEDULE BELOW)
2. EXTERIOR LIGHT FIXTURE (EL)
3. TOP OF SKIRTING (T.O.S.)
4. RAMP AND LANDING. SEE SHEETS R1 THRU R4 (RAMP)
5. NOT USED
6. DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES
7. CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN – A2)
8. FOUNDATION VENT (SEE FOUNDATION PLAN – F1)
9. FINISH FLOOR LINE
10. FLOOR BEAM (STR)
11. ROOF HEADER (STR)
12. TOP OF COLUMN
13. FINISH GRADE
14. ROOF BEAM (STR)
15. COLUMN (STR)
16. ELECTRICAL STUB-OUT (EL)
17. GROUND STUB-OUT (EL)
18. J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
19. GUTTER BOX (EL)
20. SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. SEE SHEET A6.01
21. HVAC UNIT (HV)
22. 4" SEPARATION AS REQUIRED PER FLOOR PLAN
23. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27" THEN PROTECTION MUST BE PROVIDED BY DISTRICT PRIOR TO OCCUPANCY

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.

STANDARD – 5/8" PLYWOOD SIDING

OPTIONAL – 5/16" GROOVED FIBER CEMENT BOARD

OPTIONAL – 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM

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4012-125

EXTERIOR ELEVATIONS

26 GA/MONO PITCH

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

REVISIONS		
1		
2		
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Mechanical Engineer's Seal

PC Professional of Record Seal
JAMES T. SIMPSON
No. 34000
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2004

Architects Seal
GEORGE C. RIOS
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REN 9-30-03
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MODTECH INC.
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PROJECT NUMBER:

CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

EXTERIOR ELEVATIONS 26 GA MONO PITCH

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DATE:

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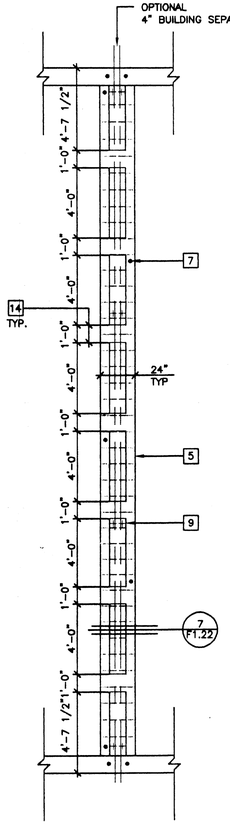
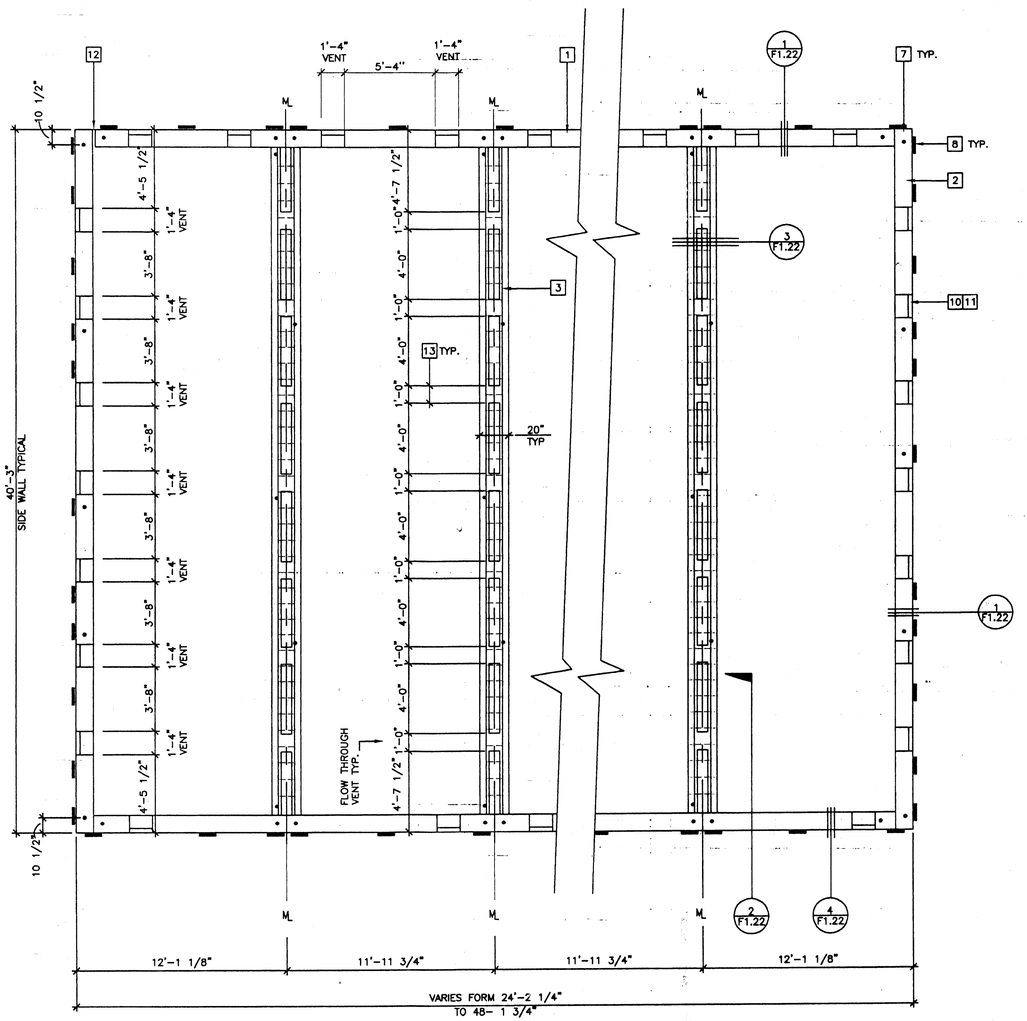
27-A4.02

PROJECT NO. PC-04-104801



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)



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FOUNDATION PLAN

125 PSF L.L.

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

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40' (125 PSF)	960	6.4	(14) A	7.0	–	–	7.0
36'x40' (125 PSF)	1440	9.6	(14) A	7.0	3.00	(6) A	10.0
48'x40' (125 PSF)	1920	12.8	(14) A	7.0	6.00	(12) A	13.0

LEGEND

VENT	SIZE	AREA (SF)	GRATE SIZE
A	4 1/2" X16"	0.50	4.5"X16"

TIE PLATE SCHEDULE

BUILDING	END WALL	SIDE WALL	TOTAL
24'x40'	6 EA.	6 EA.	24
36'x40'	8 EA.	8 EA.	32
48'x40'	11 EA.	11 EA.	44

VENT KEY PLAN

KEY NOTES

1. FOUNDATION AT END WALL
2. FOUNDATION AT SIDE WALL
3. FOUNDATION AT MODLINE
4. NOT USED
5. FOUNDATION PAD AT 4" SEPARATION
6. NOT USED
7. SILL RESTRAINT SEE NOTE 1
8. TIE PLATE SEE SCHEDULE F1.22 5/6 FOR DETAIL
9. 5/8" DIAx4" LAGS
10. FOUNDATION VENT
11. FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
12. 2" CUTOUT OF SILL PLATE FOR DRAINAGE. FIELD CREWS TO LOCATE AT LOWEST CORNER OF FOUNDATION
13. 4 1/2"x12" FLOW THROUGH VENT – 3/F1.22
14. 4 1/2"x12" FLOW THROUGH VENT – 7/F1.22

NOTES

1. SILL RESTRAINT: THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES TO PENETRATE INTO SOIL AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE CONSIDERED.
   ALTERNATE:
   ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC SIDE WALLS.
2. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
3. A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY. LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN-PLANT INSPECTOR.
4. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 16-1.
5. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. BUILDINGS 2160 SQFT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION.
7. NOTE: ON THE 125 PSF FOUNDATION:
   -CUSTOM DESIGN REQUIRED WITH CONCRETE FLOOR OPTION

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4012-125

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1							REGISTERED PROFESSIONAL ENGINEER JAMES T. SIMPSON STRUCTURAL STATE OF CALIFORNIA LICENSE EXPIRES 6-30-2004	LICENSED ARCHITECT GEORGE C. EDWARDS STATE OF CALIFORNIA EXPIRES 8-31-	PC-04 104801 AC FLS SS DATE 5/21/03
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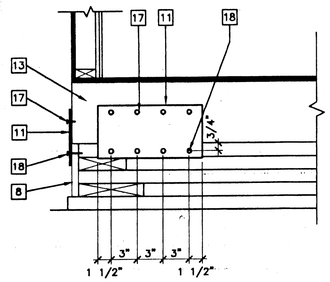
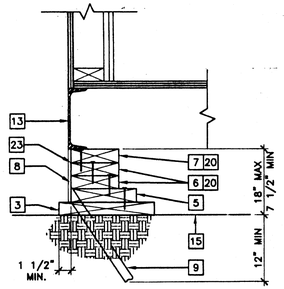
27-F1.11

FOUNDATION PLAN WOOD/125 PSF



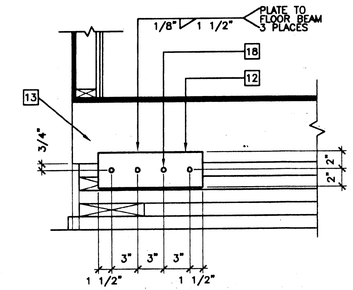
SCALE: 1 1/2"=1'-0" LAG BOLT TO FLOOR BEAM

TIE PLATE 5



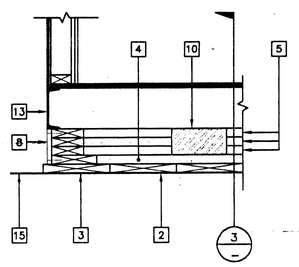
SCALE: 1 1/2"=1'-0"

FOUNDATION TYPICAL 1



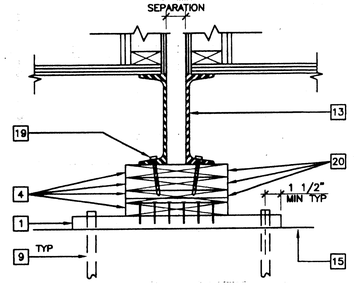
SCALE: 1 1/2"=1'-0" WELDED TO FLOOR BEAM

TIE PLATE (ALTERNATE) 6



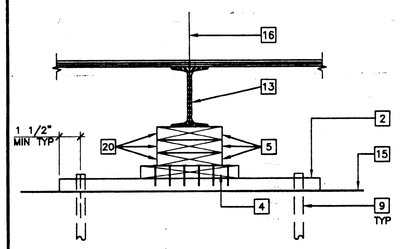
SCALE: 1"=1'-0"

MODLINE PAD AT END WALL 2



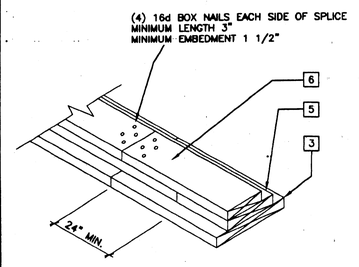
SCALE: 1 1/2"=1'-0" OPTIONAL

FOUNDATION AT ADJACENT BUILDING 7



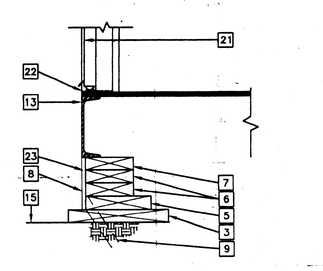
SCALE: 1 1/2"=1'-0"

FOUNDATION AT MODLINE 3



SCALE: NTS

FOUNDATION SPLICE 8



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

THRESHOLD 4

KEY NOTES

1	2"x12"x24" SILL PLATE
2	2"x12"x20" SILL PLATE
3	2"x12" CONTINUOUS SILL PLATE
4	2"x12" CONTINUOUS BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC ADD 6-16d GALVANIZED NAILS AT PIPE PADS ONLY
5	2"x8" BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
6	2"x8" BLOCKING PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
7	2"x6" TOP PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
8	SKIRTING - 3/8" PLYWOOD, ATTACH WITH 6d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
9	SILL RESTRAINT - SEE FOUNDATION PLAN, NOTE 1.
10	FLOW THROUGH VENT
11	TIE PLATE 6"x12"x10 GA
12	TIE PLATE 4"x12"x10 GA
13	FLOOR BEAM
14	NOT USED
15	FINISH GRADE
16	MODLINE
17	1/4" DIAx2" LONG STS TYPICAL 4-PLACES
18	1/4" DIAx3" LONG LAG SCREW TYPICAL 4-PLACES
19	5/8" DIAx4" LAGS
20	REMOVE AT VENT LOCATIONS
21	DOOR
22	ALUMINUM THRESHOLD
23	LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 105299
AC. FLS SS
DATE: MAY 22 2003

NOTE:
ALL NAILS TO BE HOT DIPPED GALVANIZED

4012-125

DATE SIGNED
APR 30 2003

PC
CBC 2001

FILE PATH: 2440-F1.22.DWG

PROJECT NO.
PC-04-104801

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
RICHARD PHILLIPS
No. S-3507
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2004

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2958
REN. 9-30-
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104801
AC. FLS SS
DATE 5/22/03

MODTECH™ INC.
2830. BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

© MODTECH, INC. 2002

CLASS LEASING INC STOCKPILE.# 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

MODTECH Index No.
27-F1.22

FOUNDATION DETAILS WOOD/125 PSF

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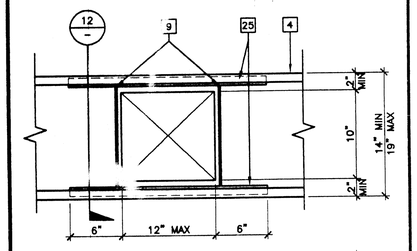
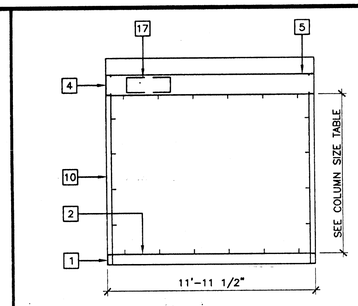


NOTE: BEAM PENETRATIONS ALLOWED ONLY IN CENTER THIRD OF SPAN AT 18" MIN EDGE OF HOLE TO EDGE OF HOLE

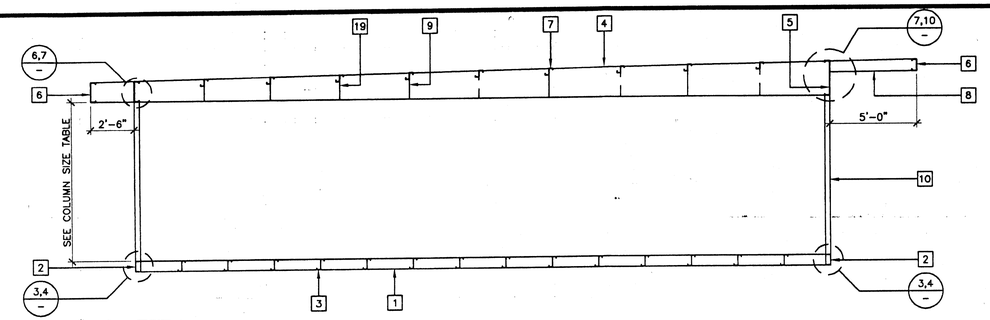
SCALE: 1 1/2"=1'-0"

OPTIONAL BEAM PENETRATION | 11



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

SECTION AT END WALL | B



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

SECTION AT SIDE WALL | A

KEY NOTES

1. [FLOOR BEAM – 1/S1.01
2. [FLOOR HEADER – 1/S1.01
3. ⌠ FLOOR JOIST – 2/S1.01
4. [TAPERED ROOF BEAM – 1/S2.02
5. [ROOF HEADER – 2/S2.02
6. [ROOF FASCIA – 3/S2.02
7. ⌠ ROOF PURLIN – 4/S2.02
8. [8" x 3–1/2" x 14GA ROOF OVERHANG BEAM
9. 1/4" FULL DEPTH STIFFENER PLATE AT 8'–0" OC TYPICAL ALIGN WITH PURLIN – 6/S2.02
10. 3 1/2" x 3 1/2" x " TUBE STEEL COLUMN (SEE COLUMN BELOW)
11. 3 1/2" x 3 1/2" x 1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5" x 8" x 1/4" ANCHOR BOLT PLATE – 3/S1.01
12. 3 1/2" x 3 1/2" x 1/4" TUBE STEEL STIFFENER
13. (1) 3" x 3" 10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14. 3 1/2" x 3 1/2" x 1/4" ANGLE STIFFENER
15. BACK–UP PLATE – 10 GA MIN
16. 1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17. OPTIONAL HVAC DUCT OPENING – 12/S2.02
18. NOT USED
19. 1/4" FULL DEPTH STIFFENER PLATE AT 4'–0" OC AT SIDEWALLS ALIGN WITH PURLINS FOR 80 MPH DESIGN WIND LOAD ONLY
20. HAND HOLE AT BOLT LOCATION
21. 5/8" MB A307 AT MODULE CONNECTION JOINT – SEE FLOOR/ROOF FRAMING PLANS
22. FLOOR SHEATHING
23. MODLINE (℄)
24. NOT USED
25. 3 1/4" x 1" 10 GA CHANNEL STIFFENER
26. 10 GA PLATE (REFER TO DETAIL CHART FOR DIMENSIONS –14/S3.01)
27. 3 1/2" x 4 1/2" x 1/4" PLATE UNDER BEAM FLANGE

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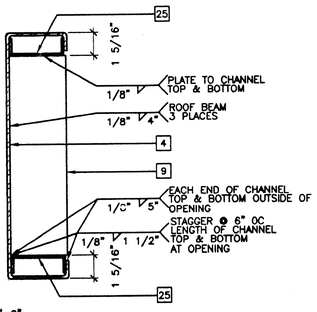
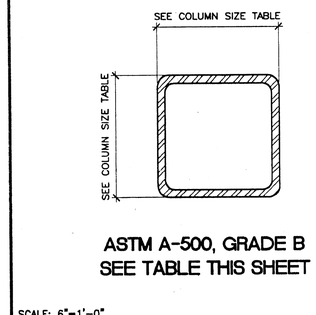


SCALE: 3"=1'-0"

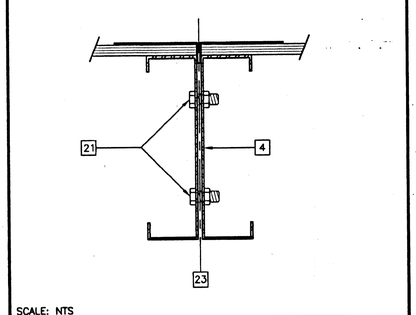
PENETRATION REINFORCMENT | 12



ASTM A-500, GRADE B
SEE TABLE THIS SHEET

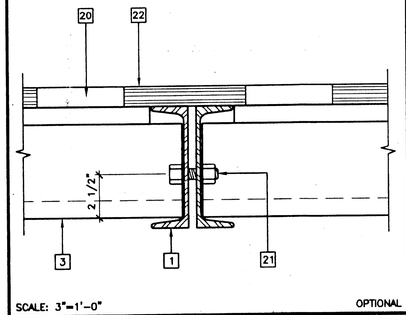
SCALE: 6"=1'-0"

TUBE STEEL COLUMN/STIFFENER | 8



SCALE: NTS

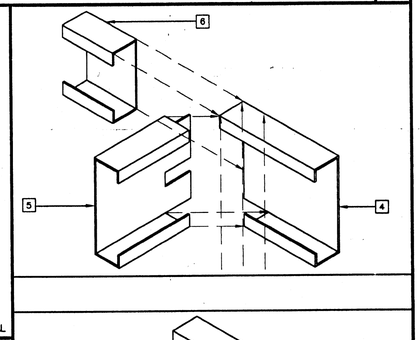
MODULE CONNECTION AT ROOF | 5

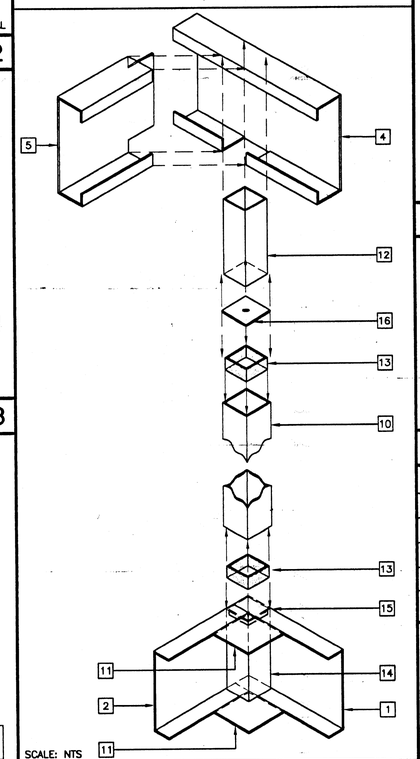


SCALE: 3"=1'-0"

OPTIONAL

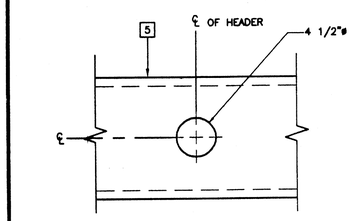
MODULE CONNECTION AT FLOOR | 2





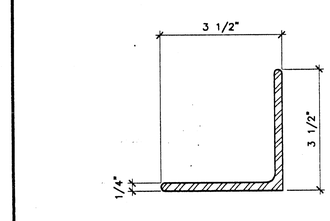
SCALE: NTS

COLUMN AT FLOOR AND ROOF | 1



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

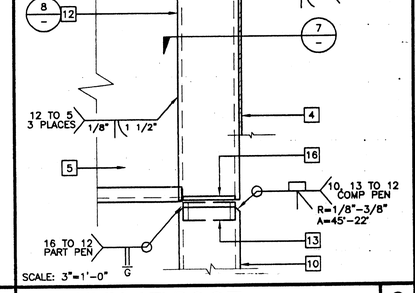
ATTIC RELIEF VENT IN HEADER | 13



ASTM A-36

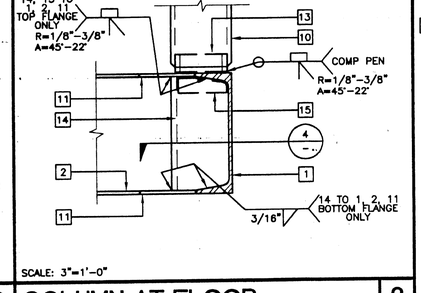
SCALE: 6"=1'-0"

STIFFENER ANGLE | 9



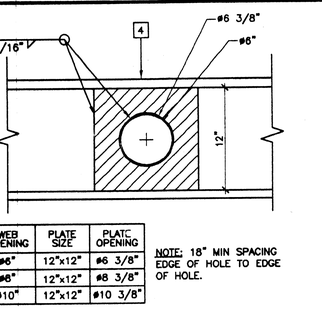
SCALE: 3"=1'-0"

COLUMN AT ROOF | 6



SCALE: 3"=1'-0"

COLUMN AT FLOOR | 3

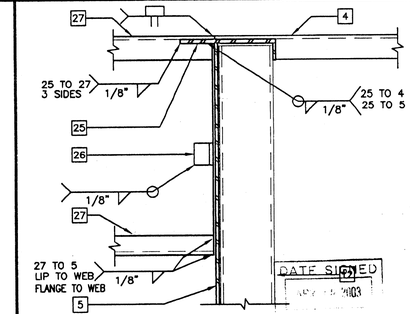


WEB OPENING	PLATE SIZE	PLATC OPENING
ø6"	12"x12"	ø6 3/8"
ø8"	12"x12"	ø8 3/8"
ø10"	12"x12"	ø10 3/8"

NOTE: 18" MIN SPACING EDGE OF HOLE TO EDGE OF HOLE.

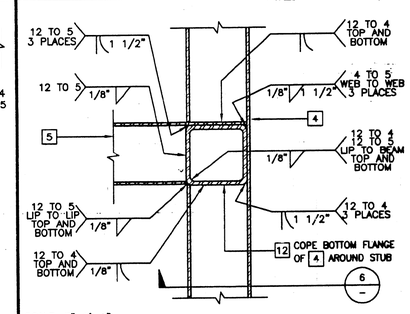
SCALE: 1 1/2"=1'-0"

OPTIONAL BEAM PENETRATION | 14



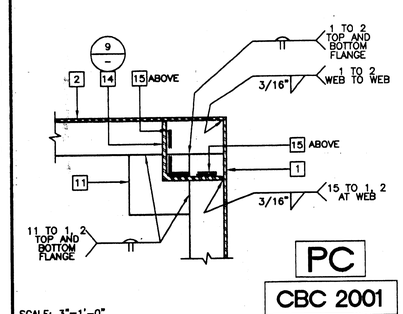
SCALE: NTS

OVERHANG AT ROOF BEAM | 10



SCALE: 3"=1'-0"

COLUMN AT ROOF | 7



PC
CBC 2001

SCALE: 3"=1'-0"

STIFFENER AT FLOOR | 4

NOTES

1. ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE–RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V–NOTCH TOUGHNESS OF 20 FT/LBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION. (ALL MEMBERS EXCEPT LIGHT GUAGE).

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN HEIGHT	
	9'–0"	10'–6"
70 MPH	3 1/2"x3 1/2"x1/4"	4"x4"x3/8"
80 MPH	3 1/2"x3 1/2"x5/16"	4"x4"x3/8"
80 MPH WITH 4'–0" PARAPETS		5"x5"x3/8"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 10529
AC FLS SS
DATE MAY 22 2003

4012-125

FILE PATH: 2440–S3.02.DWG

PC– 04–104801 PROJECT NO.

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
LICENSE EXPIRES 6-30-2004

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2556
REN. 9-30
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
104801
AC FLS SS
DATE 5/19/03

MODTECH™ INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER:

© MODTECH. INC. 2002

CLASS LEASING INC STOCKPILE # 70
100- 24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH
(8 & 12 LIGHTS)

DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

MODTECH Index No.

27-S3.02

STRUCTURAL FRAMING 26 GA MONO PITCH

BUILDING R2

MODULAR TOILET BUILDINGS - 12' X 40'
(MODELS 'A', 'B', 'C' AND 'D')

PC 04-121113

BY

SILVER CREEK INDUSTRIES, INC.
2830 BARRETT AVE, PERRIS, CALIFORNIA 92571
PHONE : (951) 943-5393 FAX : (951) 943-2211

WILLIAMS SCOTSMAN
12' x 40' TYPE C-2 RESTROOM

GENERAL NOTES

1. FIRE ALARM IS NOT PART OF THIS APPROVAL
2. ALLOWABLE AREA IS BASED ON 10' SET BACK FROM IMAGINARY ASSUMED LINE PER 2019 CBC 705.3
3. THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.
4. PC IS DESIGNED AS A SINGLE STORY MODULAR BUILDING
5. FOR SOILS TYPES / DESIGN BEARING STRENGTH, SEE STRUCTURAL SPECIFICATIONS
6. ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
7. THIS PC IS NOT APPROVED FOR "A" OCCUPANCY USES
8. EXTERIOR WALL OPENINGS TO COMPLY W/ 705.8, 2019 CBC.
9. EXTERIOR PROJECTIONS ARE TO BE FIRE PROTECTED WHERE REQUIRED BY SECTIONS 705.2 & 1405.
10. SEE SHEETS A-0.7 FOR REQUIRED BUILDING ENVELOPE ASSEMBLIES AND HVAC SYSTEM.
11. PURSUANT TO D.S.A. APPROVAL ALL PRODUCTS CAN BE SUBSTITUTED BY AN "EQUAL"
12. BUILDING(S) TO BE LOCATED IN ANY FIRE HAZARD SEVERITY ZONE OR ANY WILDLAND - URBAN INTERFACE FIRE AREA SHALL COMPLY WITH CBC CHAPTER 7A.
13. WHEN THE PRE-CHECKED BUILDING IS SITE ADAPTED, THE BUILDING AND SITE FEATURES NEED TO COMPLY WITH CALGREEN CODE, SECTION 5.507.4 FOR THE SITE SPECIFIC LOCATION
14. AT THE TIME OF SITE PLACEMENT OF THIS BUILDING THE OPERATION AND MAINTENANCE DOCUMENTATION FOR ALL MECHANICAL AND LIGHTING CONTROL SYSTEMS AND CONTROLS SHALL BE PROVIDED TO THE PROJECT OWNER

APPLICABLE STANDARDS

NFPA 13	AUTOMATIC SPRINKLER SYSTEMS (CALIF AMENDED)	2016 EDITION
NFPA 72	NAT. FIRE ALARM CODE (CALIF. AMENDED) (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")	2016 EDITION

APPLICABLE CODES

LIST OF 2019 CALIFORNIA CODE OF REGULATIONS

2019 BUILDING ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2 & 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
(2017 NATIONAL ELECTRICAL CODE & 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
(2018 IAPMO UNIFORM MECHANICAL CODE & 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
(2018 IAPMO UNIFORM PLUMBING CODE & 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
2019 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24 C.C.R.
(2018 INTERNATIONAL FIRE CODE & 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.

BUILDING DATA

NUMBER OF STORIES:	1 - STORY	
OCCUPANCY:	E or B	
TYPE OF CONSTRUCTION:	V-B	
FLOOR LIVE LOAD:	50+15 PSF	
ROOF LIVE LOAD:	20 PSF	
FLOOR DEAD LOAD:	☑ WOOD FLOOR - 11 PSF	☐ CONCRETE FLOOR - 35 PSF
ROOF DEAD LOAD:	18 PSF (INCLUDING SPRINKLER LOAD AND 0 PSF SOLAR LOAD)	
SOLAR ALLOWANCE:	0.6 PSF OVER ENTIRE ROOF AREA	
RAMP LIVE LOAD:	100 PSF	
BUILDING AREA: ALLOWABLE AREA: 9,000 S.F. (ALL w/o OVERHANGS)	480 SF (NO OVERHANG) 570 SF (WITH OVERHANG)	
FOUNDATION:	☑ WOOD	☐ CONCRETE
CEC CLIMATE ZONE:	1-16	

ALLOWABLE SOIL PRESSURE

DL (WOOD FOOTING)	1,000 psf
DL + LL (WOOD FOOTING - 1,000 PSF MAX)	1,000 psf
DL + LL + SNOW (WOOD FOOTING)	1,000 psf
DL + LL + SEISMIC (WOOD FOOTING)	1,000 psf
DL + LL (CONCRETE FOOTING)	1,500 psf
DL + LL + SEISMIC (CONCRETE FOOTING)	1,500 psf

ROOF SNOW LOAD

GROUND SNOW LOAD, P_g FROM COUNTY	0
ROOF SNOW LOAD: ☑ FLAT P_f OR ☐ LOW-SLOW, P_m OR ☐ SLOPED, P_s	
SNOW EXPOSURE FACTOR C_s	-
SNOW IMPORTANCE FACTOR I_s	1.0
THERMAL FACTOR C_t	-

FLOOD DESIGN

FLOOD HAZARD AREA YES ☐ NO ☑

WIND DESIGN

BASIC WIND SPEED (3 SECOND GUST) V_{ult}	105
RISK CATEGORY	II
WIND EXPOSURE CATEGORY	C
TOPOGRAPHIC FACTOR K_{zt}	1

SEISMIC DESIGN

LATERAL FORCE-RESISTING SYSTEM	OMF
ANALYSIS PROCEDURE	EQUIV. LATERAL FORCE
SEISMIC DESIGN CATAGORY (SDC)	E
SEISMIC IMPORTANCE FACTOR I_e	1.0
SEISMIC RESPONSE COEFFICIENT C_s	0.437
RESPONSE MODIFICATION COEFFICIENT R	3.5
SITE CLASS	D ++
MAPPED SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S_S	2.3
SHORT PERIOD SITE COEFFICIENT F_a	1.0
DESIGN SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD S_{DS}	1.53
MAPPED SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S_1	2.0 ++
LONG PERIOD SITE COEFFICIENT, F_v	1.7
DESIGN SPECTRAL RESPONSE ACCELERATION AT 1-SECOND PERIOD S_{D1}	2.0
HORIZONTAL OR VERTICAL IRREGULARITY TYPES	NONE

** SITE SPECIFIC GEOTECHNICAL STUDY IS NOT REQUIRED PER THE EXCEPTIONS TO ASCE 7-16 SECTION 11.4.8. PER EXCEPTION #2 THE VALUE OF Cs HAS BEEN DETERMINED BY EQUATION 12.8-2 FOR A VALUE OF T < 1.5 Ts.

THIS BUILDING IS DESIGNED TO MEET THE REQUIREMENTS OF CBC CHAPTER 7A OF THE 2019 CBC.

COMPLIANCE WITH THE APPLICABLE REQUIREMENTS IS OUTLINED BELOW:

CHAPTER 7A REQUIREMENTS:

705A ROOFING

705A.1 - ROOF IS CLASS 'A' (SEE SHEET A-3.01)
705A.2 - NOT APPLICABLE. NO VOIDS OCCUR, ROOF IS APPLIED DIRECTLY.
705A.3 - NOT APPLICABLE. NO VALLEYS OCCUR.
705A.4 - LEAF GUARDS/COVERS SHALL BE PROVIDED AT ALL GUTTERS. (SEE SHEET 5/A-3.50)

706A VENTS

706A.2 - THE UNDER-FLOOR ACCESS AND VENT OPENINGS SHALL BE COVERED WITH CORROSION RESISTANT WIRE MESH WITH A CLEAR OPENING NOT EXCEEDING 1/8" (SEE SHEET 6+7/F-0.50).
706A.3 - THE SOFFIT VENTS ARE VULCAN TECHNOLOGIES MODEL #VE OR VSC SOFFIT VENT COVERS (PER CASFM LISTING 8165-2192:0100) (SEE SHEET 14/A-5.50).

707A EXTERIOR COVERINGS

707A.3 - EXTERIOR WALL FINISH IS 19/32" DURATEMP W/ GROOVES 8" O.C. APPLIED DIRECTLY TO STUDS (PER LISTING NO. 8140-2031:0004)
(SEE EXTERIOR ELEVATIONS)
707A.4 - NOT APPLICABLE. NO OPEN ROOF EAVES OCCUR.
707A.5 - SOFFIT FINISH MATERIALS IS THE SAME AS THE WALL FINISH MATERIAL (NON-COMBUSTIBLE).
707A.6 - NOT APPLICABLE. DOES NOT OCCUR
707A.7 - NOT APPLICABLE. DOES NOT OCCUR
707A.8 - NOT APPLICABLE. DOES NOT OCCUR
707A.9 - NOT APPLICABLE. DOES NOT OCCUR

708A EXTERIOR DOORS AND WINDOWS

708A.2 - EXTERIOR GLAZING IS A MULTI-PANE TEMPERED ASSEMBLY.
708A.3 - EXTERIOR DOORS AND FRAMES ARE NON-COMBUSTIBLE (HOLLOW METAL).
708A.4 - NOT APPLICABLE.

709A - DECKING - THE EXTERIOR DECKING IS NOT A PART OF THE MODULAR BUILDING.

710A - NOT APPLICABLE.

STOCKPILE SERIAL IDENTIFICATION

17780
17781
17782
17783
17784
17785
17786
17787
18679
18680
18681
18682
18683
18684
18685
18686
18687
18688
18689
18690

SHEET INDEX (108 SHEETS)

SHT NO.	ARCHITECTURAL
R2-A-0	COVER SHEET
~~A-0A~~	~~T & I FORMS~~
~~A-0.0~~	~~BUILDING OPTIONS SCHEDULE~~
~~A-0.1~~	~~SYMBOLS LEGEND, ABBREVIATION, AND ADA SIGNAGE~~
~~A-0.2~~	~~SCHEDULES~~
A-0.6A	CERTIFICATE OF COMPLIANCE FORMS
A-0.6B	CERTIFICATE OF COMPLIANCE FORMS
A-0.6C	CERTIFICATE OF COMPLIANCE FORMS
A-0.7	ENERGY MANDATORY MEASURES & CALGREEN SPEC'S
~~A-1.01~~	~~FLOOR PLAN - "MODEL A-1" OR "MODEL A-2"~~
~~A-1.02~~	~~FLOOR PLAN - "MODEL B-1" OR "MODEL B-2"~~
R2-A-1.03	FLOOR PLAN - "MODEL C-1" OR "MODEL C-2"
~~A-1.04~~	~~FLOOR PLAN - "MODEL D-1"~~
~~A-2.01~~	~~REFLECTED CEILING PLAN - "MODEL A-1" OR "MODEL A-2"~~
~~A-2.02~~	~~REFLECTED CEILING PLAN - "MODEL B-1" OR "MODEL B-2"~~
~~A-2.03~~	~~REFLECTED CEILING PLAN - "MODEL C-1" OR "MODEL C-2"~~
~~A-2.04~~	~~REFLECTED CEILING PLAN - "MODEL D-1"~~
~~A-2.20~~	~~CEILING DETAILS - T-GRID~~
~~A-2.21~~	~~CEILING DETAILS - HARD LID~~
~~A-3.01~~	~~ROOF PLAN - METAL DECK - MONO OR DUAL SLOPE~~
~~A-3.21~~	~~ROOF PLAN - TPO - MONO OR DUAL SLOPE - PARAPET~~
~~A-3.41~~	~~ROOF PLAN - TPO ROOF - MONO OR DUAL SLOPE~~
~~A-3.50~~	~~ROOF DETAILS - METAL DECK~~
~~A-3.80~~	~~ROOF DETAILS - PARAPET DETAILS~~
~~A-3.90~~	~~ROOF DETAILS - TPO ROOF~~
~~A-4.01~~	~~EXTERIOR ELEVATIONS - "MODEL A-1" - MONO OR DUAL SLOPE~~
~~A-4.11~~	~~EXTERIOR ELEVATIONS - "MODEL A-1" - MONO OR DUAL SLOPE / PARAPET~~
~~A-4.02~~	~~EXTERIOR ELEVATIONS - "MODEL A-2" - MONO OR DUAL SLOPE~~
~~A-4.12~~	~~EXTERIOR ELEVATIONS - "MODEL A-2" - MONO OR DUAL SLOPE / PARAPET~~
~~A-4.03~~	~~EXTERIOR ELEVATIONS - "MODEL B-1" - MONO OR DUAL SLOPE~~
~~A-4.13~~	~~EXTERIOR ELEVATIONS - "MODEL B-1" - MONO OR DUAL SLOPE / PARAPET~~
~~A-4.04~~	~~EXTERIOR ELEVATIONS - "MODEL B-2" - MONO OR DUAL SLOPE~~
~~A-4.14~~	~~EXTERIOR ELEVATIONS - "MODEL B-2" - MONO OR DUAL SLOPE / PARAPET~~
~~A-4.05~~	~~EXTERIOR ELEVATIONS - "MODEL C-1" - MONO OR DUAL SLOPE~~
~~A-4.15~~	~~EXTERIOR ELEVATIONS - "MODEL C-1" - MONO OR DUAL SLOPE / PARAPET~~
~~A-4.06~~	~~EXTERIOR ELEVATIONS - "MODEL C-2" - MONO OR DUAL SLOPE~~
~~A-4.16~~	~~EXTERIOR ELEVATIONS - "MODEL C-2" - MONO OR DUAL SLOPE / PARAPET~~
~~A-4.07~~	~~EXTERIOR ELEVATIONS - "MODEL D-1" - MONO OR DUAL SLOPE~~
~~A-4.17~~	~~EXTERIOR ELEVATIONS - "MODEL D-1" - MONO OR DUAL SLOPE / PARAPET~~
~~A-5.01~~	~~CROSS SECTION - MONO SLOPE~~
~~A-5.02~~	~~CROSS SECTION - DUAL SLOPE~~
~~A-5.05~~	~~CROSS SECTION~~
~~A-5.50~~	~~ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING~~
~~A-5.51~~	~~ARCHITECTURAL DETAILS - WOOD STUD - PLASTER~~
~~A-5.52~~	~~ARCHITECTURAL DETAILS - WOOD STUD - WOOD SIDING - 1 HOUR RATED~~
~~A-5.53~~	~~ARCHITECTURAL DETAILS - WOOD STUD - PLASTER - 1 HOUR RATED~~
~~A-5.60~~	~~ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING~~
~~A-5.61~~	~~ARCHITECTURAL DETAILS - STEEL STUD - PLASTER~~
~~A-5.62~~	~~ARCHITECTURAL DETAILS - STEEL STUD - WOOD SIDING - 1 HOUR RATED~~
~~A-5.63~~	~~ARCHITECTURAL DETAILS - STEEL STUD - PLASTER - 1 HOUR RATED~~
~~A-5.64~~	~~ARCHITECTURAL DETAILS - 1 HOUR RATED OPTIONS~~
~~A-5.70~~	~~ARCHITECTURAL DETAILS - FLOOR~~
~~A-5.81~~	~~ARCHITECTURAL DETAILS - MISCELLANEOUS OPTIONS~~
~~A-6.01~~	~~INTERIOR ELEVATIONS - WALL MOUNTED - ADULT~~
~~A-6.02~~	~~INTERIOR ELEVATIONS - FLOOR MOUNTED - ADULT~~
~~A-6.03~~	~~INTERIOR ELEVATIONS - WALL MOUNTED AGE 5-8 & 9-12~~
~~A-6.04~~	~~INTERIOR ELEVATIONS - FLOOR MOUNTED AGE 5-8 & 9-12~~
~~A-6.05~~	~~INTERIOR ELEVATIONS - FLOOR MOUNTED AGE 0-4~~

SHT NO.	FOUNDATION
R2-F-0.01	WOOD FOUNDATION PLAN - 12' x 40' (50 PSF)
R2-F-0.50	FOUNDATION DETAILS - WOOD
~~F-1.01~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - WOOD FLOOR~~
~~F-1.11~~	~~CONCRETE FOUNDATION PLAN - ABOVE GRADE - CONCRETE FLOOR~~
~~F-1.50~~	~~CONCRETE FOUNDATION DETAILS - ABOVE GRADE~~
~~F-2.01~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - WOOD FLOOR~~
~~F-2.11~~	~~CONCRETE FOUNDATION PLAN - BELOW GRADE - CONCRETE FLOOR~~
~~F-2.50~~	~~CONCRETE FOUNDATION DETAILS - BELOW GRADE~~
~~F-2.51~~	~~FOUNDATION DETAILS - CONCRETE~~

SHT NO.	STRUCTURAL
~~S-0.1~~	~~STRUCTURAL SPECIFICATIONS~~
~~S-1.01~~	~~FLOOR FRAMING PLAN - WOOD FLOOR~~
~~S-1.11~~	~~FLOOR FRAMING PLAN - CONCRETE FLOOR~~
~~S-1.50~~	~~FLOOR FRAMING DETAILS - WOOD FLOOR~~
~~S-1.60~~	~~FLOOR FRAMING DETAILS - CONCRETE FLOOR~~
~~S-2.01~~	~~ROOF FRAMING PLAN - MONO SLOPE~~
~~S-2.11~~	~~ROOF FRAMING PLAN - DUAL SLOPE~~
~~S-2.21~~	~~ROOF FRAMING PLAN - DUAL / MONO SLOPE - PARAPET~~
~~S-2.50~~	~~ROOF FRAMING DETAILS - MONO SLOPE~~
~~S-2.51~~	~~ROOF FRAMING DETAILS - DUAL SLOPE~~
~~S-2.60~~	~~ROOF MISC. DETAILS~~
~~S-2.70~~	~~ROOF FRAMING DETAILS - PARAPET~~
~~S-3.01~~	~~BUILDING SECTION - MONO SLOPE ROOF~~
~~S-3.02~~	~~BUILDING SECTION - DUAL SLOPE ROOF~~
~~S-5.00~~	~~WALL FRAMING ELEVATIONS - WOOD STUDS~~
~~S-5.10~~	~~WALL FRAMING DETAILS - WOOD STUDS~~
~~S-5.11~~	~~WALL FRAMING DETAILS - WOOD STUDS~~
~~S-5.20~~	~~WALL FRAMING ELEVATIONS - STEEL STUDS~~
~~S-5.30~~	~~WALL FRAMING DETAILS - STEEL STUDS~~
~~S-5.31~~	~~WALL FRAMING DETAILS - STEEL STUDS~~

SHT NO.	PLUMBING
~~P-1.01A~~	~~PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL A-1" OR "MODEL A-2"~~
~~P-1.01E~~	~~PLUMBING PLAN AND ISOMETRICS - 5-8, 9-12 "MODEL A-1" OR "MODEL A-2"~~
~~P-1.02A~~	~~PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL B-1" OR "MODEL B-2"~~
~~P-1.02E~~	~~PLUMBING PLAN AND ISOMETRICS - 5-8, 9-12 "MODEL B-1" OR "MODEL B-2"~~
~~P-1.03A~~	~~PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL C-1" OR "MODEL C-2"~~
~~P-1.03E~~	~~PLUMBING PLAN AND ISOMETRICS - 5-8, 9-12 "MODEL C-1" OR "MODEL C-2"~~
~~P-1.04A~~	~~PLUMBING PLAN AND ISOMETRICS - ADULT "MODEL D-1"~~
~~P-1.04E~~	~~PLUMBING PLAN AND ISOMETRICS - 5-8, 9-12 "MODEL D-1"~~
~~P-2.01~~	~~PLUMBING DETAILS AND SCHEDULE~~

SHT NO.	MECHANICAL
~~M-0.1~~	~~MECHANICAL NOTES, SCHEDULES, AND DETAILS~~

SHT NO.	ELECTRICAL
~~E-1.01~~	~~ELECTRICAL PLAN AND SCHEDULE - "MODEL A-1" OR "MODEL A-2"~~
~~E-1.02~~	~~ELECTRICAL PLAN AND SCHEDULE - "MODEL B-1" OR "MODEL B-2"~~
~~E-1.03~~	~~ELECTRICAL PLAN AND SCHEDULE - "MODEL C-1" OR "MODEL C-2"~~
~~E-1.04~~	~~ELECTRICAL PLAN AND SCHEDULE - "MODEL D-1"~~

SHT NO.	RAMP
~~R-1.01~~	~~STANDARD RAMP PLAN~~
~~R-1.02~~	~~OFFSET RAMP PLAN~~
R2-R-1.03	RAMP LANDING
~~R-1.01~~	~~STANDARD LANDING WITH STEPS~~
~~R-1.05~~	~~SWITCHBACK RAMP PLAN~~
R2-R-2.01	RAMP DETAILS

SHT NO.	RELOCATABLE SHEETS
R2-REL-101	BUILDING RELOCATION DETAILS

TOTAL SHEETS 40

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

COVER SHEET

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022

PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK
Building for the Next Generation

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24075 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 05.04.2022

P.C. SHEET NUMBER

R2-A0

STATE OF CALIFORNIA
Nonresidential Building Commissioning
NRCC-CXR-E (Created 12/19) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CXR-E

This document is used to demonstrate compliance with mandatory commissioning requirements in §120.8 for nonresidential buildings and hotel/motel or high-rise residential buildings with nonresidential spaces. This document does not demonstrate compliance with commissioning requirements within Title 24, Part 11, which need to be documented separately if they apply.

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 6
Project Address:		Date Prepared:	2020-06-16

A. GENERAL INFORMATION

01	Project Location (city)		04	Building Size (ft²)	480
02	Occupancy Type	Nonresidential	05	Nonresidential Conditioned Floor Area (ft²)	< 10,000 ft²
03	Project Type	Newly constructed	06	HVAC System Type	Unitary or packaged equipment each serving one zone

B. PROJECT SCOPE

Table Instructions: Based on project information provided in Table A, Table B indicates which commissioning related requirements apply per §120.8. Table B is not editable by the user.

	Commissioning Requirements per §120.8		
01	Table F: Design Review Kickoff	§120.8(d)1 and §120.8(d)2	The design review kickoff meeting establishes who will play the role of the design reviewer, the project schedule and identify owner's requirements. This meeting should be conducted during schematic design.
02	Table G: Owner's Project Requirements (OPR)	§120.8(h)	This requirement does not apply.
03	Table H: Basis of Design (BOD)	§120.8(i)	This requirement does not apply.
04	Table I: Design Review	§120.8(d) and §120.8(e)	The design reviewer(s) reviews the construction documents for clarity, completeness, and adherence to the owner's goals. Commissioning measures must be included in the construction documents to facilitate the design review and commissioning process. For projects with ≥ 10,000 ft² of nonresidential conditioned floor area, or with complex mechanical systems, the design review is for adherence with the Owner's Project Requirements (OPR) and Basis of Design (BOD). This should be conducted during design.
05	Table J: Commissioning Plan	§120.8(f)	This requirement does not apply.
06	Table K: Functional Performance Testing	§120.8(g)	This requirement does not apply.
07	Table L: Documentation and Training	§120.8(h)	This requirement does not apply.
08	Table M: Commissioning Report	§120.8(i)	This requirement does not apply.

STATE OF CALIFORNIA
Nonresidential Building Commissioning
NRCC-CXR-E (Created 12/19) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CXR-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 2 of 6
Project Address:		Date Prepared:	2020-06-16

C. COMPLIANCE RESULTS

Table Instructions: Table C will indicate if the project data input into the compliance document is compliant with commissioning requirements per §120.8. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

01	02	03	04	05	06	07	08	09
Design Review Kickoff	Owner's Project Requirements	Basis of Design	Design Review	Commissioning Plan	Functional Performance Testing	Documentation and Training	Commissioning Report	Compliance Results
Table F	Table G	Table H	Table I	Table J	Table K	Table L	Table M	
Yes			Yes					**COMPLIES**
10	Design Reviewer(s) for the project include:			The project engineer				**COMPLIES**

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DESIGN REVIEW KICKOFF MEETING

Table Instructions: Complete this table to indicate that the design reviewer meets the qualification requirements per Title 24, Part 1 Section 10-103(a)1 and to demonstrate compliance with design review kickoff requirements per §120.8(d)2. This meeting should occur during the Schematic Design phase of the project.

Design Review Kickoff Meeting Details

01	Date of Design Review Kickoff Meeting	2/3/2020
02	Meeting Attendees: (one person may play multiple roles)	

- ☒ Owner/ Facility Manager:
- ☐ Project Manager:
- ☐ Contractor:
- ☐ Commissioning Provider:
- ☐ Design Reviewer(s):
- ☒ Design Architect/ Engineer(s):
- ☐ Certified Acceptance Test Tech(s):
- ☒ Energy/ T24 Part 6 Consultant:

Design Reviewer Qualifications per Title 24, Part 1 Section 10-103(a)1

Table Continued

STATE OF CALIFORNIA
Nonresidential Building Commissioning
NRCC-CXR-E (Created 12/19) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CXR-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 3 of 6
Project Address:		Date Prepared:	2020-06-16

Table Continued

		Do the Design Reviewer(s) meet these qualifications?	
	The design reviewer(s) must be licensed professional engineers or licensed architects, or licensed contractors representing services performed by or under the direct supervision of a licensed engineer or architect, as specified in the provisions of Division 3 of the Business and Professions Code.	YES	NO
03	In addition, for buildings with < 10,000 ft², the design reviewer(s) may be the engineer or architect of record. The design reviewer(s) may also be a qualified in-house engineer or architect with no other project involvement or a third party engineer, architect or contractor.	◉	○

04	The design reviewer(s) for this project will be:	The project engineer

Preliminary Construction Schedule

		Start Date	Completion Date
05	Schematic Design	2020-01-06	2020-01-06
06	Design Development	2020-01-06	2020-01-06
07	Construction Documents	2020-02-03	2020-05-12
08	Construction	yyyy-mm-dd	yyyy-mm-dd
09	Building Turnover	yyyy-mm-dd	yyyy-mm-dd

Project Goals Related to Energy Efficiency

10	Operational Costs	*No specific requirements.*
11	Desired Building Lifespan	*30 - 50 years.*
12	Equipment Lifecycle	*Industry standard.*
13	Project Energy Efficiency Goals	*This requirement does not apply.*
14	Envelope Goals	*This requirement does not apply.*
15	HVAC System Goals	*This requirement does not apply.*
16	Indoor Lighting System Goals	*Code minimum preformance.*
17	Outdoor Lighting System Goals	*Code minimum preformance.*
18	Water Heating System Goals	*Code minimum preformance.*
19	Equipment and System Specifications	*Industry standard equipment.*
20	Operations and Maintenance	*No specific requirements.*

G. OWNER'S PROJECT REQUIREMENTS (OPR)

This Section Does Not Apply

STATE OF CALIFORNIA
Nonresidential Building Commissioning
NRCC-CXR-E (Created 12/19) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CXR-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 4 of 6
Project Address:		Date Prepared:	2020-06-16

H. BASIS OF DESIGN (BOD)

This Section Does Not Apply

I. CONSTRUCTION DOCUMENT DESIGN REVIEW CHECKLIST

Table Instructions: The design reviewer(s) may fill out the table below or attach a design review document that lists the items checked by the design reviewer(s) during the construction document review. For buildings with ≥ 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the Owner's Project Requirements (Table G.) and the Basis of Design Documents (Table H.). For buildings with < 10,000 ft² conditioned floor area, the design review will ensure the construction documents meet the goals documented in Table F. during the Design Review Kickoff.

		YES	NO
01	Attaching Completed Design Review Documentation?	○	◉

Design Review Checklist

02	Envelope Design	*This requirement does not apply.*
03	HVAC System Design	*This requirement does not apply.*
04	HVAC Controls Design	*This requirement does not apply.*
05	Indoor Lighting System Design	*The design represents the typical PC building design with updates (as applicable) for the 2019 code cycle.*
06	Indoor Lighting Controls Design	*The design represents the typical PC building design with updates (as applicable) for the 2019 code cycle.*
07	Outdoor Lighting System and Controls Design	*The design represents the typical PC building design with updates (as applicable) for the 2019 code cycle.*
08	Water Heating System Design	*The design represents the typical PC building design with updates (as applicable) for the 2019 code cycle.*
09	Other Systems and Features	*The design represents the typical PC building design with updates (as applicable) for the 2019 code cycle.*

J. COMMISSIONING PLAN

This Section Does Not Apply

K. FUNCTIONAL PERFORMANCE TESTING

This Section Does Not Apply

L. DOCUMENTATION AND TRAINING

This Section Does Not Apply

M. COMMISSIONING REPORT

This Section Does Not Apply

CERTIFICATE OF COMPLIANCE, NONRESIDENTIAL BUILDING COMMISSIONING

STATE OF CALIFORNIA
Nonresidential Building Commissioning
NRCC-CXR-E (Created 12/19) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CXR-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 6
Project Address:		Date Prepared:	2020-06-16

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

There are no Certificates of Installation applicable to commissioning requirements.

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Although there are no "CXR" Certificates of Acceptance required to document commissioning requirements, Certificates of Acceptance may be used to supplement functional performance testing required by §120.8(g).

STATE OF CALIFORNIA
Nonresidential Building Commissioning
NRCC-CXR-E (Created 12/19) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-CXR-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 6 of 6
Project Address:		Date Prepared:	2020-06-16

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name:	Ryan McIntosh	Documentation Author Signature:	
Company:	SILVER CREEK	Signature Date:	6/18/20
Address:	2830 BARRETT AVE	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. **The information provided on this Certificate of Compliance is true and correct.**
2. **I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)**
3. **The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.**
4. **The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.**
5. **I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.**

Responsible Designer Name:	JOHN STARLIN	Responsible Designer Signature:	
Company :	SILVER CREEK	Date Signed:	6/18/20
Address:	2830 BARRETT AVE	License:	2475
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

STATE OF CALIFORNIA
Electrical Power Distribution
NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-E

This document is used to demonstrate compliance with mandatory requirements in §130.5 for electrical systems in newly constructed nonresidential, high-rise residential and hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b)2F for alterations.

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 4
Project Address:		Date Prepared:	6/16/2020

A. GENERAL INFORMATION

01	Project Location (city)		02	Occupancy Types Within Project:	
☐ Office	☐ Retail	☐ Warehouse	☐ Hotel/ Motel	☐ School	☑ Support Areas
☐ Parking Garage	☐ High-Rise Residential	☐ Relocatable	☐ Healthcare Facilities	☐ Other (Write In):	RESTROOM

B. PROJECT SCOPE

Table Instructions: Include any electrical service systems that are within the scope of the permit application.

01	02	03	04	05	06
Electrical Service Designation/ Description	Scope of Work[1]	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a)[2]	System subject to CA Elec Code Article 517 Exception to §130.5(a)&(b)	Demand Response Controls
Site feeder	Add/Alt to feeders and branch circuits only	N	☑	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2, §130.1 and §130.3 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.

[1] *FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop §130.5(c), no other requirements from §130.5 are required.*
[2] *Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.*

C. COMPLIANCE RESULTS

Table Instructions: If this table says "DOES NOT COMPLY" refer to Table D, for guidance and review the Table that indicates "No".

01		02		03		04	05
Service Electrical Metering §130.5(a)	AND	Separation for Monitoring §130.5(b)	AND	Voltage Drop §130.5(c)	AND	Controlled Receptacles §130.5(d)	Compliance Results
(See Table F)		(See Table G)		(See Table H)		(See Table I)	
	AND		AND	Yes	AND		**COMPLIES with Exceptional Conditions**

STATE OF CALIFORNIA
Electrical Power Distribution
NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 2 of 4
Project Address:		Date Prepared:	6/16/2020

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Table B indicates the project is exempt from §130.5(a) Service Electrical Metering requirements because the utility company has provided the project a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.
Table H. indicates voltage drop calculations will be provided by the contractor.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. SERVICE ELECTRICAL METERING

This Section Does Not Apply

G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING

This Section Does Not Apply

H. VOLTAGE DROP

Table Instructions: Please complete this table for entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Fii.

01	02	03	04	05	
Electrical Service Designation/ Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
				Pass	Fail
Site feeder	☑ Voltage drop < 5% ☐ Permitted by CA Elec Code (Exception to §130.5(c))*	Contractor Responsible		☐	☐

NOTES if "Permitted by CA Elec Code" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*
[1] *FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".*

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES

This Section Does Not Apply

STATE OF CALIFORNIA
Electrical Power Distribution
NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 3 of 4
Project Address:		Date Prepared:	6/16/2020

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://ww2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
◉	○	NRCI-ELC-01-E - Must be submitted for all buildings.	☐	☐

K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to electrical power distribution requirements.

STATE OF CALIFORNIA
Electrical Power Distribution
NRCC-ELC-E (Created 01/20) CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE NRCC-ELC-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 4 of 4
Project Address:		Date Prepared:	6/16/2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Ryan McIntosh	Documentation Author Signature:	
Company:	SILVER CREEK	Signature Date:	6/18/20
Address:	2830 BARRETT AVE	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. **The information provided on this Certificate of Compliance is true and correct.**
2. **I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)**
3. **The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.**
4. **The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.**
5. **I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.**

Responsible Designer Name:	JOHN STARLIN	Responsible Designer Signature:	
Company :	SILVER CREEK	Date Signed:	6/18/20
Address:	2830 BARRETT AVE	License:	2475
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

CERTIFICATE OF COMPLIANCE, ELECTRICAL POWER DISTRIBUTION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

CERTIFICATE OF COMPLIANCE FORMS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022

PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK
Building for the Next Generation

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER
JOHN N STARLIN
2475
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

P.C. SHEET NUMBER

R2-A-0.6A

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTG-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTG-E
This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.2, §140.7, and §141.0(b)2L for outdoor lighting scopes using the prescriptive path.		
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 6
Project Address:	Date Prepared:	6/16/2020

A. GENERAL INFORMATION

01 Project Location (city)		04 Total Illuminated Hardscape Area (ft²)	60
02 Climate Zone			
03 Outdoor Lighting Zone per Title 24, Part 1 §10-114 or as designated by Authority Having Jurisdiction (AHJ):			
☐ LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Rural Areas	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval	
☐ LZ-1: Low - Developed Parkland	☑ LZ-3: Moderately High - Urban Areas		

B. PROJECT SCOPE

Table Instructions: Include any outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)2L for alterations.

My project consists of:

01	02	
☑ New Lighting System	Must Comply with Allowances from §140.7.	
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	☐ Yes ☐ No
04	03	05
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method

[1] FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Calculation of Total Allowed Lighting Power (Watts) §140.7 or §141.0(b)2I.										Compliance Results
01		02		03		04		05	06	07		08		09
General Hardscape Allowance §140.7(d)1	×	Per Application §140.7(d)2	+	Sales Frontage §140.7(d)2	+	Ornamental §140.7(d)2	+	Per Specific Area §140.7(d)2	Existing Power §141.0(b)2L	Total Allowed (Watts)	≥	Total Actual (Watts)		07 Must be ≥ 08
(See Table I)		(See Table J)		(See Table K)		(See Table L)		(See Table M)	(See Table N)	(See Table F)				
392	+	30	+		+		+		OR	422	≥	90	=	COMPLIES
Cutoff Compliance (See Table G for Details)												Not Applicable		
Controls Compliance (See Table H for Details)												COMPLIES		

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTG-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTG-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 2 of 6
Project Address:	Date Prepared:	6/16/2020

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Total Hardscape Area in Table A does not match the areas entered in Table I. Please review for compliance.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: For new or altered lighting systems demonstrating compliance with §140.7 (ie Table I has expanded for input), include all luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)2L (ie Table N has expanded for input), include only new luminaires being installed and replacement luminaires being installed as part of the project scope (ie, do not include existing luminaires remaining or existing luminaires being moved).

Designed Wattage:

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Watts per luminaire[1,2]	How Wattage is determined	Total number luminaires[3]	Luminaire Status[4]	Excluded per §140.7(a)	Design Watts	Cutoff Req. ≥ 6,200 initial lumen output §130.2(b)[5]	Field Inspector Pass	Field Inspector Fail
F-1	30 Watt LED Wallpack ☐ Linear	30	MFr. Spec[1]	3	New	☐	90	NA; <6,200 lumens	☐	☐
					Total Designed Watts:		**90**			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b).

[1] FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c)
[2] For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet for the luminaire should be indicated in column 05 instead of number of luminaires.
[3] Select "New" for new luminaires in a new outdoor lighting project or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope
[4] Compliance with mandatory cutoff requirements is required for luminaires with initial lumen output ≥ 6,200 unless exempted by §130.2(b)

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTG-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTG-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 3 of 6
Project Address:	Date Prepared:	6/16/2020

G. CUTOFF REQUIREMENTS (BUG)

This Section Does Not Apply

H. OUTDOOR LIGHTING CONTROLS

Table Instructions: Complete this table demonstrating compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not noted to be included in this table even if they are within the spaces covered by the permit application.
*When an option having a * is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank. For each requirement in columns 02 through 04, do not leave the field blank, instead select NA or Exempt* from the dropdown list to indicate not applicable or an exemption.*

Mandatory Controls

01	02	03	04	05	
Area Description	Shut-Off §130.2(c)1	Auto-Schedule §130.2(c)2	Motion Sensor §130.2(c)3	Field Inspector Pass	Field Inspector Fail
Entry Door	Photocontrol	Yes	NA: Wall ≤ 24ft	☐	☐

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
EX: Not permitted by health & safety to be turned off; EXCEPTION 1 to §130.2(c).*

I. LIGHTING POWER ALLOWANCE (per §140.7)

Table Instructions: Please complete this table for areas using the allowance calculations per §140.7. General Hardscape Allowance is per Table 140.7-A while "Use it or lost it" Allowances are per Table 140.7-B. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.

		01			
	General Hardscape Allowance	"Use it or lose it" Allowances (select all that apply)			
☑		☑ Per Application	☐ Sales Frontage	☐ Ornamental	☐ Per Specific Area
	Table I (below)	Table J	Table K	Table L	Table M
Calculated General Hardscape Lighting Power Allowance per Table 140.7-A (LZ 2 & 3)					

02	03	04	05	06	07	08	09	10
Area Description	Surface Type	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
		Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
Entry	Concrete	200	0.03	6	90	0.4	36	42

Table Continued

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTG-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTG-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 4 of 6
Project Address:	Date Prepared:	6/16/2020

										0
									Initial Wattage Allowance for Entire Site (Watts):	**350**
									Total General Hardscape Allowance (Watts):	**392**

J. LIGHTING ALLOWANCE: PER APPLICATION

Table Instructions: Please complete this table for areas using the wattage allowance per application from Table 140.7-B.

01	02	03	04	05	06	07	08	09	10
Area Description	Application per Table 140.7-B[1]	CALCULATED ALLOWANCE (Watts) # of Locations	Allowance per Location[2] (Watts)	Extra Allowance (Watts)	Luminaire Name or Item Tag	DESIGN WATTS Watts per Luminaire[3]	# of Luminaires[3]	Design Watts	Additional Allowance (Watts)
Entry door	Bldg Entrance/ Exit	2	19	38	F-1	30	1	30	
							Total Design Watts for this Area:	30	30
								Total Allowance (Watts) All Areas:	**30**

[1] FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities.
[2] The Allowance per Location for ATMs is 100W for the first ATM and 35W for each additional per Table 140.7-B.
[3] For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet for the luminaire should be indicated in column 08 instead of number of luminaires.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This Section Does Not Apply

L. LIGHTING ALLOWANCE: ORNAMENTAL

This Section Does Not Apply

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This Section Does Not Apply

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This Section Does Not Apply

CERTIFICATE OF COMPLIANCE, OUTDOOR LIGHTING

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTG-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTG-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 5 of 6
Project Address:	Date Prepared:	6/16/2020

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
◉	○	NRCI-LTO-01-E - Must be submitted for all buildings.	☐	☐
◉	○	NRCI-LTO-02-E - Must be submitted for a lighting control system; or for an Energy Management Control System (EMCS), to be recognized for compliance.	☐	☐

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certificate Provider (ATTCP). For more information: http://www.energy.ca.gov/title24/attcp/providers.html

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
◉	○	NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls area added to ≤ 20 luminaires.	☐	☐

STATE OF CALIFORNIA
Outdoor Lighting
NRCC-LTG-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTG-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 6 of 6
Project Address:	Date Prepared:	6/16/2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name:	Ryan McIntosh	Documentation Author Signature:	
Company:	SILVER CREEK	Signature Date:	6/18/20
Address:	2830 BARRETT AVE	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name:	JOHN STARLIN	Responsible Designer Signature:	
Company :	SILVER CREEK	Date Signed:	6/18/20
Address:	2830 BARRETT AVE	License:	2475
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
This document is used to demonstrate compliance for nonresidential occupancies with requirements in §110.1, §110.3, §120.3, and §140.5, and with requirements in §141.0 for additions and alterations, for domestic water heating scopes using the prescriptive path. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.1, §110.3, §120.3, §150.0 and §150.1(c)8, and with requirements in §150.2 for additions and alterations.		
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 5
Project Address:	Date Prepared:	2020-06-16

A. GENERAL INFORMATION

01 Project Location (city)		02 Climate Zone	
03 Occupancy Types Within Project (select all that apply):			
☑ Nonresidential	☐ High-Rise Residential	☐ Hotel/ Motel	
☐ State Building	☐ Healthcare Facility	☐ Other (Write In):	

B. PROJECT SCOPE

Table Instructions: Include any domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in §140.5, §150.1(c)8, and §141.0(b), or §141.0(b)2N for additions or alterations. Solar water heating systems should be documented on the NRCC-SRA compliance document. Combined hydronic water heating systems should be documented on the NRCC-MCH compliance document.

01	02	03	
My project consists of (check all that apply):		System Type[1]	System Components
☑ New System (DHW system being installed for the first time in newly constructed building)	Individual System (serving nonresidential spaces)[1]	☑ Equipment	☑ Distribution ☑ Controls
☐ System Alteration (equipment, distribution or controls)		☐ Equipment	☐ Distribution ☐ Controls

[1] FOOTNOTE: Point of use water heaters, or other non-central systems used to serve nonresidential spaces, are considered individual systems.
[2] Dwelling units refers to hotel/ motel guest rooms and units in a high-rise residential occupancy.

C. COMPLIANCE RESULTS

Table Instructions: Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D,, or the table indicated as not compliant for guidance.

01	02	03	04
Domestic Hot Water Equipment	Distribution Systems	Controls	Compliance Results
(See Table F)	(See Table G)	(See Table H)	
Yes	Yes	Yes	COMPLIES

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 2 of 5
Project Address:	Date Prepared:	2020-06-16

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DOMESTIC HOT WATER EQUIPMENT

Table Instructions: Complete the following table to demonstrate compliance with mandatory equipment requirements in §110.1 and §110.3. For high-rise residential and hotel/ motel occupancies, compliance with prescriptive requirements in §150.1(c)8 must also be demonstrated and with §150.2 for addition and alteration scopes.

Equipment Schedule: Individual Systems

01	02	03	04	05	06
Name or Item Tag	Equipment Type	Volume (gal)	Max GPM/ First Hour Rating (FHR)	Rated Uniform Energy Factor (UEF)	Minimum Required Uniform Energy Factor (UEF)[1]
WH-1	Electric Instantaneous (≤ 12kW)	≤2	0 ≤ GPM <1.7	0.91	0.91

[1] FOOTNOTE: Compliant equipment may be found in the Modernized Appliance Efficiency Database System (MAEDBS) on the Energy Commission website: https://cacertappliances.energy.ca.gov/Pages/Search/AdvancedSearch.aspx

Water Heating Equipment All Occupancies

	Yes	No	Not Applicable	Requirement
18	○	○	◉	Unfired storage tank insulation shall have Internal + External ≥ R-16 OR External ≥ R-12. Label required per §110.3(c)3
19	○	○	◉	New state buildings 60% of energy for service water heating from site solar energy or recovered energy per §110.3(c)5
20	○	○	◉	Isolation valves for instantaneous water heater with input rating > 6.8 kBTUH or 2 kW has been specified per §110.3(c)6

G. DOMESTIC HOT WATER DISTRIBUTION SYSTEM

Table Instructions: Complete the following table to demonstrate compliance for nonresidential occupancies with distribution requirements in §120.3 and §140.5. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §110.3(c), §120.3, §150.0, §150.1.
Table Continued

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 3 of 5
Project Address:	Date Prepared:	2020-06-16

Table Continued

Mandatory Pipe Insulation All Occupancies

12	☑	For systems serving nonresidential spaces, pipe insulation for the following applications is specified to comply with Table 120.3-A (see below) per §120.3: - Recirculating system piping, including supply and return piping of the water heater - The first 8 ft of hot and cold outlet piping for a nonrecirculating storage system - Pipes that are externally heated
13	☑	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service per §120.3(h) and §150.0(t)3

TABLE 120.3-A PIPE INSULATION THICKNESS

Fluid Temperature Range (°F)	Conductivity Range (Btu-in per hour per ft² per °F)	Insulation Mean Rating Temp (°F)	Nominal Pipe Diameter (in)		
			<1	1 to < 1.5	1.5 to < 4
			Minimum Insulation Required		
105-140	0.22-0.28	100	**1.0 in or R-7.7**	**1.5 in or R-12.5**	**1.5 in or R-11**

H. DOMESTIC HOT WATER SYSTEM CONTROLS

Table Instructions: Complete the following table to demonstrate compliance with controls requirements in §110.3 for all occupancies. For high-rise residential and hotel/motel occupancies, compliance is demonstrated with requirements in §150.1(c)8.

	Yes	No	Not Applicable	Requirement
01	◉	○	○	Construction documents require manufacturer certification that service water-heating systems are equipped with automatic temperature controls capable of adjusting temperature settings per §110.3(a)
02	○	○	◉	Systems with capacity > 167,000 BTUH equipped with outlet temperature controls per §110.3(c)1 unless covered by California Plumbing Code Section 613.0.
03	○	○	◉	Controls for circulating pumps or electrical heat trace systems are capable of automatically turning off the system per §110.3(c)2 unless system serves healthcare facility.
04	○	○	◉	For recirculation systems serving multiple dwelling units, design includes automatic pump controls per §150.1(c)8Bii, or §150.2 for additions or alterations
05	○	○	◉	For recirculation systems serving individual dwelling units, design includes manual on/off controls as specified in Reference Appendix RA 4.4.9 per §150.1(c)8i.
06	○	○	◉	For replacement single heat pump water heaters serving individual dwelling units in climate zones 1-15, design includes communication interface that meets demand responsive control requirements of §110.12(a) per §150.2(b)1Hii.

STATE OF CALIFORNIA
Domestic Water Heating System
NRCC-PLB-E (Created 11/19) CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-PLB-E
Project Name: PC - Single Module (12'x40') Restroom	Report Page:	Page 4 of 5
Project Address:	Date Prepared:	2020-06-16

I. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
◉	○	NRCI-PLB-01-E - Must be submitted for all buildings	☐	☐
○	◉	NRCI-PLB-02-E - Must be submitted for high-rise residential and hotel/ motel central hot water distribution systems to be recognized for compliance.	☐	☐
○	◉	NRCI-PLB-03-E - Must be submitted for high-rise residential and hotel/ motel single dwelling unit hot water distribution systems to be recognized for compliance.	☐	☐

J. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to service water heating requirements.

K. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be completed by a HERS Rater and provided to the building inspector during construction. The final documents must be created by a HERS Providers registry, but drafts can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCV/

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
○	◉	NRCV-PLB-21-H High-rise Residential Central Hot Water Distribution HERS Verification	☐	☐
○	◉	NRCV-PLB-22-H High-rise Residential Individual Dwelling Unit Hot Water Distribution HERS Verification	☐	☐

CERTIFICATE OF COMPLIANCE, WATER HEATER SYSTEM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

CERTIFICATE OF COMPLIANCE FORMS

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-131113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022
PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.
SILVER CREEK
Building for the Next Generation
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN 'N STARLIN 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

P.C. SHEET NUMBER

R2-A-0.6B

STATE OF CALIFORNIA
Solar Ready Areas
NRCC-SRA-E (Created 11/18)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-SRA-E

This document is used to demonstrate compliance with mandatory requirements in §110.10 for newly constructed buildings which are either high-rise multifamily ten stories or fewer, hotel/motel ten stories or fewer or all other nonresidential buildings three stories or fewer. It is also used to demonstrate compliance for additions to these building types which add more than 2,000 ft² of roof area. Alterations or additions of less than 2,000 ft² of roof area are not required to comply with §110.10.

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 5
Project Address:		Date Prepared:	6/16/20

A. GENERAL INFORMATION

01	Project Location (city)		04	Building Type	Other nonresidential bldg 3 stories or fewer
02	Climate Zone		05	Construction Type	New Construction
03	☐ Roof is designed for vehicle traffic, parking or for heliport				

B. PROJECT SCOPE

Table Instructions: Select the compliance path the project is using to comply per §110.10(b)1B.

My project consists of (check one):	01
☑ Provide Solar Ready Area no exceptions	The project has allocated a solar zone on the roof plan per requirements in §110.10(b), as documented in Table F.
☐ Exception to Solar Ready Area: Installed Solar Photovoltaic System	The project includes a permanently installed solar electric system having a nameplate DC power rating, measured under Standard Test Conditions, of no less than one watt per square foot of roof area, as documented in Table G.
☐ Exception to Solar Ready Area: Installed Solar Water Heating System	The project is a hotel/motel or high-rise multifamily occupancy and includes a permanently installed domestic solar water-heating system complying with §150.1(c)8B(i) and Reference Residential Appendix RA4, as documented in Table H.
☐ Exception to Solar Ready Area: Smart Thermostat and Alternative Energy Efficiency Measure	The project is a high-rise multifamily occupancy where all thermostats in each dwelling unit comply with §110.12(a) AND at least one additional measure listed in Exception 4 to §110.10(b)1B is installed, as documented in Table I.

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance or see the applicable Table referenced below

Allocated Solar Zone				Installed PV System				Installed SWH System				Smart Tstat and Alternative EE Measure		Compliance Results
01	02			03	04			05	06			07	08	09
Required Minimum Area (ft²)	≤ Designated Area (ft²)	OR	Required Minimum DC Power Rating (Watts)	≤ Designed DC Power Rating (Watts)	OR	Required Minimum Solar Savings Fraction	≤ Designed/ Rated Solar Savings Fraction	OR	JA5 Compliant Thermostat Specified?	Alternative Energy Efficiency Measure		
(See Table F)			(See Table G)			(See Table H)			(See Table I)			
85.5	≤ 89	OR		≤	OR		≤	OR				COMPLIES
Electrical plan	Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/ plumbing to the electrical service/ water heating system per §110.10(c).											COMPLIES

STATE OF CALIFORNIA
Solar Ready Areas
NRCC-SRA-E (Created 11/18)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-SRA-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 2 of 5
Project Address:		Date Prepared:	6/16/20

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

No exceptional conditions apply to this project.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. ALLOCATED SOLAR ZONE

Table Instructions: Complete this table if the project is designating a solar zone to comply with §110.10(b)1B. For new construction consider total roof area; for additions consider newly added roof area.

Required Minimum Solar Zone

01	02	03	04	05	06			07	08
Minimum Solar Zone Area Calculation Method	Total New or Added Roof Area (ft²)	Total New or Added Roof Area Covered with Skylights (ft²)	Minimum Solar Zone Based on Total or Added Roof Area (0.15 x (Roof-Skylit)) (ft²)	Method/Tool(s) Used to Determine Annual Solar Access for Potential Zones[1]	Potential Solar Zone Areas: Roof Areas with ≥ 70% Solar Access			Minimum Solar Zone Based on Potential Zone (0.5 x (Total Potential Zone)) (ft²)	Required Minimum Solar Zone (ft²)
					Low-Sloped Area: (≤ 2:12 pitch) (ft²)	Steep-Sloped Area: (> 2:12 pitch), Oriented 90° - 300° (ft²)	Total Potential Solar Zone Area (ft²)		
Total New or Added Roof Area	570	0	85.5						85.5

Designated Solar Zone Subareas

09	10	11	12	13	14	15	16	17	18	19
Subarea Name or Tag	Building Plan Reference	Roof or Overhang Slope (Low ≤ 2:12 pitch) (Steep > 2:12 pitch)	Is Steep-Sloped Roof or Overhang between 90 and 300 degrees?	Subarea Complies with Title 24, Part 9	Solar Zone Subarea Free of Obstructions per §110.10(b)3A	Subarea is Required Distance from Potential Obstructions per §110.10(b)3B	Is the Smallest Dimension 5 feet or greater?	Min. Area Required per Subarea (ft²)	Designated Area (ft²)	Subarea Complies?

Table Continued

STATE OF CALIFORNIA
Solar Ready Areas
NRCC-SRA-E (Created 11/18)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-SRA-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 3 of 5
Project Address:		Date Prepared:	6/16/20

Designated Solar Zone Subareas

09	10	11	12	13	14	15	16	17	18	19
Subarea Name or Tag	Building Plan Reference	Roof or Overhang Slope (Low ≤ 2:12 pitch) (Steep > 2:12 pitch)	Is Steep-Sloped Roof or Overhang between 90 and 300 degrees?	Subarea Complies with Title 24, Part 9	Solar Zone Subarea Free of Obstructions per §110.10(b)3A	Subarea is Required Distance from Potential Obstructions per §110.10(b)3B	Is the Smallest Dimension 5 feet or greater?	Min. Area Required per Subarea (ft²)	Designated Area (ft²)	Subarea Complies?
	Roof Plan	Low-Sloped		Yes	Yes	Yes	Yes	80	89	COMPLIES
							Total Designated Solar Zone Area (ft²):		**89**	

Interconnection Pathways

Location in construction documents showing the location for inverters and metering equipment and a pathway for the routing of conduit/ plumbing to the electrical service/ water heating system per §110.10(c).	Electrical plan

[1] *FOOTNOTE: This field is used to document how the percentage of annual solar access was determined per §110.10(b)1B. Solar access is the ratio of solar insolation including shade to the solar insolation without shade. Shading from obstructions located on the roof or any other part of the building shall not be included in the determination of annual solar access.*

G. PERMANENTLY INSTALLED SOLAR PHOTOVOLTAIC (PV) SYSTEM

This Section Does Not Apply

H. PERMANENTLY INSTALLED SOLAR HOT WATER SYSTEM

This Section Does Not Apply

I. SMART THERMOSTATS AND ALTERNATIVE EFFICIENCY MEASURE

This Section Does Not Apply

STATE OF CALIFORNIA
Solar Ready Areas
NRCC-SRA-E (Created 11/18)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-SRA-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 4 of 5
Project Address:		Date Prepared:	6/16/20

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
○	◉	NRCI-SPV-01-E - Must be submitted for all newly installed Photovoltaic Systems (PV) being used to comply with §110.10(b)1B for high-rise multifamily, Hotel/Motel buildings less than 10 stories and nonresidential buildings less than 4 stories.	☐	☐
○	◉	NRCI-STH-01-E - Must be submitted for all newly installed Solar Water Heating systems being used to comply with §110.10(b)1B for high-rise multifamily, Hotel/Motel buildings less than 10 stories and nonresidential buildings less than 4 stories.	☐	☐

K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to solar ready requirements.

CERTIFICATE OF COMPLIANCE, SOLAR READY AREAS

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 01/20)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-LTI-E

This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6, and §141.0(b)2 for indoor lighting scopes using the prescriptive path.

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 1 of 6
Project Address:		Date Prepared:	6/16/2020

A. GENERAL INFORMATION

01	Project Location (city)		04	Total Conditioned Floor Area (ft²)	
02	Climate Zone		05	Total Unconditioned Floor Area (ft²)	480
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	1
☐ Office ☐ Retail ☐ Warehouse ☐ Hotel/Motel ☐ School ☑ Support Areas					
☐ Parking Garage ☐ High-Rise Residential ☐ Relocatable ☐ Healthcare ☐ Other (write in):					RESTROOM

B. PROJECT SCOPE

Table Instructions: Include any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.0(b)2 for alterations. WARNING: Changing the Calculation Method in this table will result in the deletion of data previously input. If you need to change the calculation method, please open a new form or use "Save As".

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☑ New Lighting System			Complete Building	480
☐ Altered Lighting System				
Total Area of Work (ft²):				**480**

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1.	Allowed Lighting Power per §140.6(b) (Watts)						Adjusted Lighting Power per §140.6(a) (Watts)				Compliance Results
	01	02	03	04	05		06	07	08		09
	Complete Building §140.6(c)1	Area Category §140.6(c)2	Area Category Additional §140.6(c)2(K) (+)	Tailored §140.6(c)3 (+)	Total Allowed (Watts)		Total Designed (Watts)	Adjustments PAF Control Credits §140.6(a)2 (-)	Total Adjusted (Watts) *Includes Adjustments		05 Must be ≥ 08 §140.6
	(See Table I)	(See Table I)	(See Table J)	(See Table K)			(See Table F)	(See Table P)			
Conditioned:					=				=		
Unconditioned:	312				=	**312**	300		=	**300**	COMPLIES

Table Continued

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 01/20)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-LTI-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 2 of 6
Project Address:		Date Prepared:	6/16/2020

Controls Compliance [See Table H for Details]:	**COMPLIES**
Rated Power Reduction Compliance [See Table Q for Details]:	**Not Applicable**

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Selections made in Table T have been changed by the permit applicant. See Table E. Additional Remarks for permit applicant's explanation.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. INDOOR LIGHTING FIXTURE SCHEDULE

Table Instructions: Include all permanent designed lighting and all portable lighting in offices.

Designed Wattage: Unconditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change*	Watts per luminaire[2]	How Wattage is determined	Total number luminaires	Exempt per §140.6(a)3	Design Watts	Field Inspector Pass	Field Inspector Fail
F-1	Lay-in LED Fixture	☐	☐	50	Mfr. Spec*	6	☐	300	☐	☐
					Total Designed Watts UNCONDITIONED SPACES:			**300**		

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)4B is adjusted to be 75% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per §130.0(c) Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This Section Does Not Apply

H. INDOOR LIGHTING CONTROLS (Not Including PAFs)

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 01/20)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-LTI-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 3 of 6
Project Address:		Date Prepared:	6/16/2020

Table Instructions: Please include lighting controls for conditioned and unconditioned spaces in this table. When an option having a " is selected, the notes section of this table must be completed. The lighting controls section of the Compliance Summary Table on the first page will show "DOES NOT COMPLY" if the notes are left blank.

Building Level Controls

01	02	03	
Mandatory Demand Response §110.12(c)	Shut-Off Controls §130.1(c)	Field Inspector Pass	Field Inspector Fail
Not Required ≤ 10,000 SF	See Area/Space Level Controls	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut-Off Controls §130.1(c)	Primary/Skylit Daylighting §130.1(d)	Secondary Daylighting §140.6(d)	Interlocked Systems §140.6(a)1	Field Inspector Pass	Field Inspector Fail
Restroom	School Building	Manual ON/ OFF	Dimmer	Occ.Sensor	NA\	NA\	☐	☐	☐

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
EX: Conference 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting;
EXCEPTION 1 to §130.1(d)2*

13
Plan Sheet Showing Daylit Zones:

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Table Instructions: Complete the table for each area complying using the Complete Building or Area Category Methods per §140.6(b). Indicate if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.

Unconditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowances / Adjustment Area Category	Additional Allowances / Adjustment PAF
Restroom	School Building	0.65	480	312	☐	☐
		TOTAL:	**480**	**312**	See Tables J or P for detail	

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 01/20)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-LTI-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 4 of 6
Project Address:		Date Prepared:	6/16/2020

J. ADDITIONAL LIGHTING ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This Section Does Not Apply

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This Section Does Not Apply

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This Section Does Not Apply

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This Section Does Not Apply

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED ORNAMENTAL/SPECIAL EFFECTS

This Section Does Not Apply

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This Section Does Not Apply

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This Section Does Not Apply

Q. RATED POWER REDUCTION COMPLIANCE FOR ALTERATIONS

This Section Does Not Apply

R. 80% LIGHTING POWER FOR ALTERATIONS - CONTROLS EXCEPTIONS

This Section Does Not Apply

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This Section Does Not Apply

T. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 01/20)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-LTI-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 5 of 6
Project Address:		Date Prepared:	6/16/2020

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www2.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
◉	○	NRCI-LTI-01-E - Must be submitted for all buildings	☐	☐
◉	○	NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	☐	☐
○	◉	NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	☐	☐

U. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

YES	NO	Form/Title	Field Inspector Pass	Field Inspector Fail
◉	○	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	☐	☐
○	◉	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	☐	☐
○	◉	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	☐	☐
○	◉	NRCA-LTI-05-A - Must be submitted for Institutional tuning power adjustment factor (PAF).	☐	☐
○	◉	NRCA-ENV-03-F - Must be submitted for daylighting design power adjustment factors (PAF).	☐	☐

STATE OF CALIFORNIA
Indoor Lighting
NRCC-LTI-E (Created 01/20)
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE — NRCC-LTI-E

Project Name:	PC - Single Module (12'x40') Restroom	Report Page:	Page 6 of 6
Project Address:		Date Prepared:	6/16/2020

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete

Documentation Author Name:	Ryan McIntosh	Documentation Author Signature:	
Company:	SILVER CREEK	Signature Date:	6/18/20
Address:	2830 BARRETT AVE	CEA/ HERS Certification Identification (if applicable):	
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. **The information provided on this Certificate of Compliance is true and correct.**
2. **I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)**
3. **The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.**
4. **The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.**
5. **I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.**

Responsible Designer Name:	JOHN STARLIN	Responsible Designer Signature:	
Company :	SILVER CREEK	Date Signed:	6/18/20
Address:	2830 BARRETT AVE	License:	2475
City/State/Zip:	PERRIS/CA/92571	Phone:	951-943-5393

INTERIOR LIGHTING COMPLIANCE FORMS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

CERTIFICATE OF COMPLIANCE FORMS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022
PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.
SILVER CREEK
Building for the Next Generation
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLIN 2475 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

P.C. SHEET NUMBER

R2-A-0.6C

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

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

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

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

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

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

CALIFORNIA ENERGY CODE - MANDATORY MEASURES

INTERIOR LIGHTING MANDATORY MEASURES:

- ALL LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS, AND LUMINAIRES SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 110.9.
- ALL LUMINAIRES SHALL BE FACTORY-LABELED PER SECTION 130.0(c).
- EACH ROOM AND AREA WITH FLOOR-TO-CEILING WALLS IN THIS BUILDING SHALL BE EQUIPPED WITH MANUAL ON AND OFF LIGHTING CONTROLS PER SECTION 130.1(a).
- ALL ROOMS AND AREAS 100 SF OR GREATER AND WITH MORE THAN 0.5 WATT PER SF OF LIGHTING LOAD WITH 2 OR MORE LUMINAIRES SHALL BE CONTROLLED WITH MULTI-LEVEL SWITCHING FOR UNIFORM REDUCTION OF LIGHTING WITHIN THE ROOM. CONTROL STEPS SHALL MEET REQUIREMENTS IN TABLE 130.1-A.
- PROVIDE VACANCY SENSOR OR PARTIAL-ON OCCUPANCY SENSOR IN ALL ROOMS.
- ALL GENERAL LIGHTING IN PRIMARY SIDELIT DAYLIT ZONES AND SKYLIT DAYLIT ZONES IN ENCLOSED SPACES WITH 120 WATTS, OR MORE IN COMBINED PRIMARY/SKYLIT ZONES AND 24 SF, OR MORE OF FENESTRATION, SHALL BE CONTROLLED WITH AUTOMATIC DAYLIGHTING CONTROLS PER SECTION 130.1(d).

OUTDOOR LIGHTING MANDATORY MEASURES:

- ALL LIGHTING CONTROL DEVICES AND SYSTEMS, BALLASTS, AND LUMINAIRES SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 110.9.
- ALL LUMINAIRES SHALL BE FACTORY-LABELED PER SECTION 130.0(c).
- ALL OUTDOOR LIGHTING SHALL BE OPERATED WITH CONTROLS WHICH AUTOMATICALLY TURNS OFF OUTDOOR LIGHTING WHEN DAYLIGHT IS AVAILABLE PER SECTION 130.2(c).
- ALL OUTDOOR LIGHTING SHALL BE INDEPENDENTLY CONTROLLED FROM OTHER ELECTRICAL LOADS WHICH ARE CONTROLLED BY AN AUTOMATIC SCHEDULING CONTROL PER SECTION 130.2(c).

SOLAR READY AND ELECTRICAL DISTRIBUTION MANDATORY MEASURES:

- A SOLAR ZONE SHALL BE PROVIDED ON THE ROOF OF THE BUILDING PER SECTION 110.10(b).
- A PATHWAY SHALL BE PROVIDED FROM THE SOLAR ZONE TO AN INDICATED LOCATION SUITABLE FOR THE FUTURE INSTALLATION OF INVERTERS AND METERING EQUIPMENT PER SECTION 110.10(c).
- ELECTRICAL SERVICE METERING SHALL UTILIZE A PERMANENTLY INSTALLED METERING SYSTEM PER SECTION 130.5(a).
- SEPERATION OF ELECTRICAL CIRCUITS SHALL NOT BE REQUIRED WHERE ELECTRICAL SERVICE OR FEEDER IS RATED AT 50 KVA OR LESS PER SECTION 130.5(b).
- THE VOLTAGE DROP TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5% PER SECTION 130.5(c).

CONSTRUCTION WASTE MANAGEMENT PLAN

A. DEFINITIONS
1. CONSTRUCTION AND DEMOLITION (C&D) WASTE: INCLUDES ALL NON-HAZARDOUS SOLID WASTES RESULTING FROM CONSTRUCTION, REMODELING, ALTERATIONS, REPAIR, AND DEMOLITION. INCLUDES MATERIAL THAT IS RECYCLED, REUSED, SALVAGED OR DISPOSED AS GARBAGE.
2. RECYCLING: THE PROCESS OF SORTING, CLEANING, TREATING, AND RECONSTITUTING MATERIALS FOR THE PURPOSE OF USING THE MATERIAL IN THE MANUFACTURE OF A NEW PRODUCT.
3. CO-MINGLED C&D RECYCLING: THE PROCESS OF COLLECTING MIXED RECYCLABLE MATERIALS IN ONE CONTAINER ON-SITE. THE CONTAINER IS TAKEN TO A MATERIAL RECOVERY FACILITY WHERE MATERIALS ARE SEPARATED FOR RECYCLING.

B. PERFORMANCE REQUIREMENTS
1. GENERAL: WASTE MATERIAL GENERATED DURING PROJECTS SHALL BE RECYCLED OR REUSED WHENEVER PRACTICABLE. DIVERT A MINIMUM OF 90% C&D WASTE, BY WEIGHT, FROM THE LANDFILL BY A CO-MINGLED C&D RECYCLING FACILITY.
   I. C&D WASTE MATERIALS THAT SHALL BE SALVAGED, REUSED OR RECYCLED INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
      CONCRETE, METALS, WINDOW GLASS, WOOD, GYPSUM BOARD, CARPETING AND PAD, CEILING TILES

C. QUALITY ASSURANCE
1. PRECONSTRUCTION CONFERENCE: REVIEW METHODS AND PROCEDURES RELATED TO WASTE MANAGEMENT INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
   I. REVIEW AND DISCUSS WASTE MANAGEMENT PLAN INCLUDING RESPONSIBILITIES OF WASTE MANAGEMENT COORDINATOR.
   II. REVIEW REQUIREMENTS FOR DOCUMENTING QUANTITIES OF EACH TYPE OF MATERIALS THAT WILL BE SALVAGED, RECYCLED OR DISPOSED OF AS WASTE.
   III. REVIEW PROCEDURES FOR PERIODIC WASTE COLLECTION AND TRANSPORTATION TO RECYCLING AND DISPOSAL FACILITIES.
   IV. REVIEW WASTE MANAGEMENT REQUIREMENTS FOR EACH TRADE.

D. WASTE MANAGEMENT PLAN
1. INDENTIFY AND CONTRACT WITH A WASTE MANAGEMENT SERVICES PROVIDER OR ASSIGN RESPONSIBILITY TO INHOUSE WASTE MANAGEMENT PROJECT ADMINISTRATOR
2. RESPONSIBLE PARTY SHALL DEVELOP AND PROVIDE A PLAN WHICH INCLUDES THE FOLLOWING INFORMATION:
   I. TYPES OF C&D WASTE EXPECTED TO BE GENERATED DURING DEMOLITION AND CONSTRUCTION.
   II. PROPOSED METHODS FOR C&D WASTE SALVAGE, REUSE, RECYCLING AND DISPOSAL.
   III. PROPOSED METHODS FOR SALVAGE, REUSE, RECYCLING AND DISPOSAL DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, ONE OR MORE OF THE FOLLOWING:
      A. REQUIRING SUBCONTRACTORS TO TAKE THEIR C&D WASTE TO A RECYCLING FACILITY,
      B. CONTRACTING WITH A RECYCLING HAULER TO HAUL RECYCLABLE C&D WASTE TO AN APPROVED RECYCLING OR MATERIAL RECOVERY FACILITY,
      C. PROCESSING AND REUSING MATERIALS ON-SITE

E. WASTE MANAGEMENT REPORT
1. WASTE MANAGEMENT SERVICES PROVIDER OR ADMINISTRATOR SHALL SUBMIT A CUMULATIVE WASTE MANAGEMENT REPORT ON A REGULAR BASIS WHICH INCLUDES:
   I. A RECORD OF THE TYPE AND QUANTITY, BY WEIGHT, OF EACH MATERIAL SALVAGED, REUSED, RECYCLED OR DISPOSED.
   II. TOTAL QUANTITY OF WASTE RECYCLED AS A PERCENTAGE OF TOTAL WASTE.
   III. DISPOSAL RECEIPTS: COPY OF RECEIPTS ISSUED BY A DISPOSAL FACILITY FOR C&D WASTE THAT IS DISPOSED IN A LANDFILL.
   IV. RECYCLING RECEIPTS: COPY OF RECEIPTS ISSUED BY APPROVED RECYCLING FACILITIES FOR COMINGLED MATERIALS. INCLUDE WEIGHT TICKETS FROM THE RECYCLING HAULER OR MATERIAL RECOVERY FACILITY AND VERIFICATION OF THE RECYCLING RATE FOR CO-MINGLED LOADS AT THE FACILITY.
   V. SALVAGED MATERIALS DOCUMENTATION: TYPES AND QUANTITIES, BY WEIGHT, FOR MATERIALS SALVAGED FOR REUSE ON SITE, SOLD OR DONATED TO A THIRD PARTY.

F. CONSTRUCTION WASTE MANAGEMENT, GENERAL REQUIREMENTS
1. USE DETAILED MATERIAL ESTIMATES TO REDUCE RISK OF UNPLARMED AND POTENTIALLY WASTEFUL CUTS.
2. TO THE GREATEST EXTENT POSSIBLE, INCLUDE IN MATERIAL PURCHASING AGREEMENTS A WASTE REDUCTION PROVISION REQUESTING THAT MATERIALS AND EQUIPMENT BE DELIVERED IN PACKAGING MADE OF RECYCLABLE MATERIAL, THAT THEY REDUCE THE AMOUNT OF PACKAGING, THAT PACKAGING BE TAKEN BACK FOR REUSE OR RECYCLING, AND TO TAKE BACK ALL UNUSED PRODUCT. INSURE THAT SUBCONTRACTORS REQUIRE THE SAME PROVISIONS IN THEIR PURCHASE AGREEMENTS.
3. CONDUCT REGULAR VISUAL INSPECTIONS OF DUMPSTERS AND RECYCLING BINS TO REMOVE CONTAMINANTS.
4. A MINIMUM OF 65% (BY WEIGHT) OF THE NON-HAZARDOUS CONSTRUCTION WASTE SHALL BE RECYCLED AND/OR SALVAGED FOR REUSE.
5. CONSTRUCTION WASTE MATERIALS SHALL BE COLLECTED IN CO-MINGLED CONTAINERS EXCEPT STEEL AND WOOD SHALL BE COLLECTED SEPARATELY.
6. CONSTRUCTION WASTE SHALL BE HAULED, SEPARATED, AND MEASURED BY CR+R (OR AN EQUAL WASTE MANAGEMENT COMPANY). A REPORT SHALL BE PROVIDED INDICATING THE DIVERSION RATE (BY VOLUME).

G. REMOVAL OF CONSTRUCTION WASTE MATERIALS, GENERAL REQUIREMENTS
1. REMOVE C&D WASTE MATERIALS FROM PROJECT SITE ON A REGULAR BASIS. DO NOT ALLOW C&D WASTE TO ACCUMULATE ON-SITE.
2. TRANSPORT C&D WASTE MATERIALS OFF PROPERTY AND LEGALLY DISPOSE OF THEM.
3. BURNING OF C&D WASTE IS NOT PERMITTED.

IEQ PLAN

A. CONSTRUCTION PHASE:
1. NOT USED
2. PROTECTION OF MATERIALS
   I. ALL BUILDING MATERIALS SHALL BE PROTECTED FROM WEATHER AND OTHER MOISTURE SOURCES WHEN RECOMMEND BY THE MANUFACTURER.
   II. ANY POROUS MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL NOT BE INSTALLED.
   III. ANY OTHER MATERIAL WITH VISIBLE MICROBIAL GROWTH SHALL BE THOROUGHLY CLEAN AND DECONTAMINATED PRIOR TO INSTALLATION.
3. PROTECTION OF INTERIOR ENVIRONMENT
   I. WHENEVER POSSIBLE ALL SANDING, CUTTING GRINDING OR OTHER ACTIVITIES WHICH WILL GENERATE AIRBORNE PARTICLES SHALL BE PERFORMED AWAY FROM THE BUILDING.
   II. WHERE AIRBORNE PARTICLE GENERATING ACTIVITIES CANNOT BE PERFORMED AWAY FROM THE BUILDING PROTECTIVE MEASURES SHALL BE TAKE TO SEAL INTERIOR AREAS TO REDUCE OR ELIMINATE PARTICLE TRANSFER.
   III. ANY TEMPORARILY UNFILLED EXTERIOR OPENINGS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, TO PREVENT THE MOISTURE AND OTHER CONTAMINANTS FROM ENTERING THE BUILDING.
   IV. ALL WELDING SHALL BE PERFORMED PRIOR TO THE INSTALLATION OF EXTERIOR WALLS WHEREVER POSSIBLE.
4. DUCT SYSTEM CONSTRUCTION
   I. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA HV AC DUCT CONSTRUCTION STANDARDS FOR METAL AND FLEXIBLE DUCTWORK.
   II. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED PER THE SMACNA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS.
   III. THE DUCT SYSTEMS SHALL BE CONSTRUCTED AND INSTALLED NFPA 90A & NFPA 90B.
   IV. ONCE INSTALLED ALL OPEN DUCTS AND REGISTERS SHALL BE PROTECTED WITH PLASTIC SHEETING, OR OTHER BARRIER, UNTIL THE BUILDING HAS BEEN COMPLETELY INSTALLED AND ENCLOSED AND THE MECHANICAL SYSTEM IS READY TO BE STARTED.
   V. ALL OIL FILM SHALL BE REMOVED FROM DUCTS PRIOR TO INSTALLATION.
   VI. ALL DUST AND DIRT SHALL BE REMOVED FROM BOTH THE INTERIOR AND EXTERIOR OF ALL DUCTS PRIOR TO INSTALLATION.
5. MATERIALS INSTALLATION
   I. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE PROVIDED WHEN MATERIALS WHICH EMIT VOLATILE ORGANIC COMPOUNDS (VOC) ARE INSTALLED.
   II. NATURAL OR TEMPORARY MECHANICAL VENTILATION SHALL BE CONTINUED UNTIL SUCH A TIME THAT THE VOC EMISSIONS HAVE DISSIPATED.
   III. ANY TEMPORARY VENTILATION SHALL BE EXHAUSTED TO THE EXTERIOR OF THE BUILDING.
   IV. NOT USED
   V. MATERIALS INSTALLATION SHALL BE SEQUENCED WHENEVER POSSIBLE TO ALLOW FOR THE INSTALLATION OF VOC EMITTING MATERIALS PRIOR TO THE INSTALLATION OF POROUS AND FIBROUS MATERIALS.
   VI. MATERIALS WHICH EMIT A SIGNIFICANT AMOUNT OF VOCS OR ODORS SHALL BE STORED IN A MANNER WHICH ALLOWS FOR OFF-GASSING, IN A DRY AND WELL VENTILATION AREA, PRIOR TO INSTALLATION.
   VII. NOT USED

LOW EMITTING MATERIALS + MOISTURE MANAGEMENT

SEALANTS AND CAULKS
ALL ADHESIVES, SEALANTS AND CAULKS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.1, PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO CARPET, RESILIENT AND WOOD FLOORING ADHESIVES; BASE COVE ADHESIVES; CERAMIC TILE ADHESIVES; DRYWALL AND PANEL ADHESIVES; AEROSOL ADHESIVES; ADHESIVE PRIMERS; ACOUSTICAL SEALANTS; FIRE STOP SEALANTS; HVAC DUCT SEALANTS, SEALANT PRIMERS; AND CAULKS.

PAINTS & COATINGS
ALL PAINTS AND ARCHITECTURAL COATINGS APPLIED IN THE PROJECT'S INTERIOR SHALL MEET THE REQUIREMENTS OF THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.3. PRODUCTS IN THIS CATEGORY INCLUDE BUT ARE NOT LIMITED TO SEALERS, STAINS, CLEAR WOOD FINISHES, FLOOR SEALERS AND COATINGS, WATERPROOFING SEALERS, PRIMERS, FLAT PAINTS AND COATINGS, NON-FLAT PAINTS AND COATINGS, AND RUST PREVENTATIVE COATINGS.

RESILIENT FLOORING SYSTEMS
ALL FLOORING SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.6.

COMPOSITE WOOD
ALL OF THE COMPOSITE WOOD PRODUCTS INSTALLED IN THE PROJECT SHALL MEET THE REQUIREMENTS OF THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.5. COMPOSITE WOOD PRODUCTS IN THIS CATEGORY ARE DEFINED IN THE CALIFORNIA AIR RESOURCES BOARD (CARE) AIRBORNE TOXIC CONTROL MEASURE (ATCM) TO REDUCE FORMALDEHYDE EMISSIONS FROM COMPOSITE WOOD PRODUCTS (SECTIONS 93120-93120.12, TITLE 17, CALIFORNIA CODE OF REGULATIONS. THE AFFECTED PRODUCTS INCLUDE HARDWOOD PLYWOOD, PLYWOOD WITH DECORATIVE SOFTWOOD VENEER, LAMINATED PRODUCTS WITH A COMPOSITE WOOD CORE OR PLATFORM, PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND FINISHED GOODS FABRICATED FROM THESE PRODUCTS.

CEILING & WALL SYSTEMS
ALL CEILING AND WALL SYSTEMS INSTALLED IN THE PROJECTS INTERIOR TOTALING 90% OR MORE OF THE TOTAL AREAS OF SUCH PRODUCTS SHALL MEET THESE REQUIREMENTS. CEILING AND WALL SYSTEMS INCLUDE BUT ARE NOT LIMITED TO CEILING INSULATION INSTALLED WITHIN THE STRUCTURAL ENVELOP, WALL INSULATION, ACOUSTICAL CEILING PANELS, GYPSUM BOARD WALL PANELS, TACKABLE WALL PANELS, AND WALL COVERINGS. CERAMIC TILE AND OTHER ORGANIC-FREE METAL- OR MINERAL-BASED WALL COVERINGS ARE AVAILABLE FOR CREDIT WITHOUT ANY TESTING REQUIREMENTS. SITE APPLIED ADHESIVES AND SEALANTS AND SITE APPLIED PAINTS AND COATINGS ASSOCIATED WITH CEILING AND WALL SYSTEMS ARE TREATED UNDER OPTIONS 1 AND 2, RESPECTIVELY. CEILING AND WALL SYSTEMS SHALL BE TESTED AND EVALUATED FOR EMISSIONS OF VOCS OF CONCERN WITH RESPECT TO CHRONIC INHALATION EXPOSURES FOLLOWING THE SPECIFICATIONS OF THE CDPH STANDARD METHOD V1.1. THE SEPARATE COMPONENTS OR DISTINCT LAYERS OF THESE SYSTEMS SHALL BE MODELED TO THE STANDARD PRACTICE SCHOOL CLASSROOM USING THE CLASSROOM CEILING AREA AND/OR WALL AREA AS APPROPRIATE. FOR SYSTEMS CONSISTING OF MORE THAN ONE DISTINCT LAYER (E.G., WALLS COMPRISED OF INSULATION, WALL PANEL AND WALL COVERING), ALL LAYERS SHALL INDIVIDUALLY MEET THE REQUIREMENTS OF THE STANDARD PRACTICE.

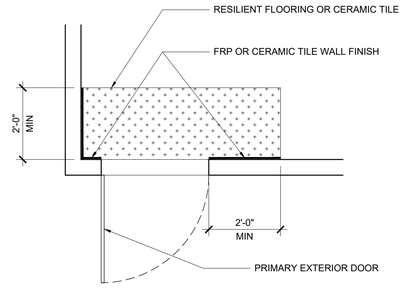
CARPET SYSTEMS
ALL CARPET SYSTEMS SHALL MEET THE REQUIREMENTS OF THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 11, SECTION 5.504.4.4. ALL CARPET SHALL BE PER THE CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM OR SHALL BE LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE. ALL CARPET PAD SHALL BE PER THE CARPET AND RUG INSTITUTE GREEN LABEL PROGRAM.

PRIMARY EXTERIOR DOORS
ALL WALL AND FLOOR SURFACES WITHIN 24" OF A PRIMARY EXTERIOR DOOR SHALL BE NON-ABSORBANT. SEE DETAIL A/- FOR TYPICAL FLOOR AND WALL FINISH DIAGRAM.

ALL PRIMARY EXTERIOR DOORS SHALL BE PROTECTED BY AN OVERHANG, AWNING OR SIMILAR ELEMENT NOT LESS THAN 48" IN DEPTH.

OUTDOOR AIR QUALITY

HVAC, REFRIGERATION AND FIRE SUPPRESSION SYSTEMS SHALL NOT CONTAIN CFCs OR HALONS.



A PRIMARY EXTERIOR WALL FINISH DIAGRAM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

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ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

ENERGY MANDATORY MEASURES & CALGREEN SPEC'S

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022

PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.
SILVER CREEK
Building for the Next Generation
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

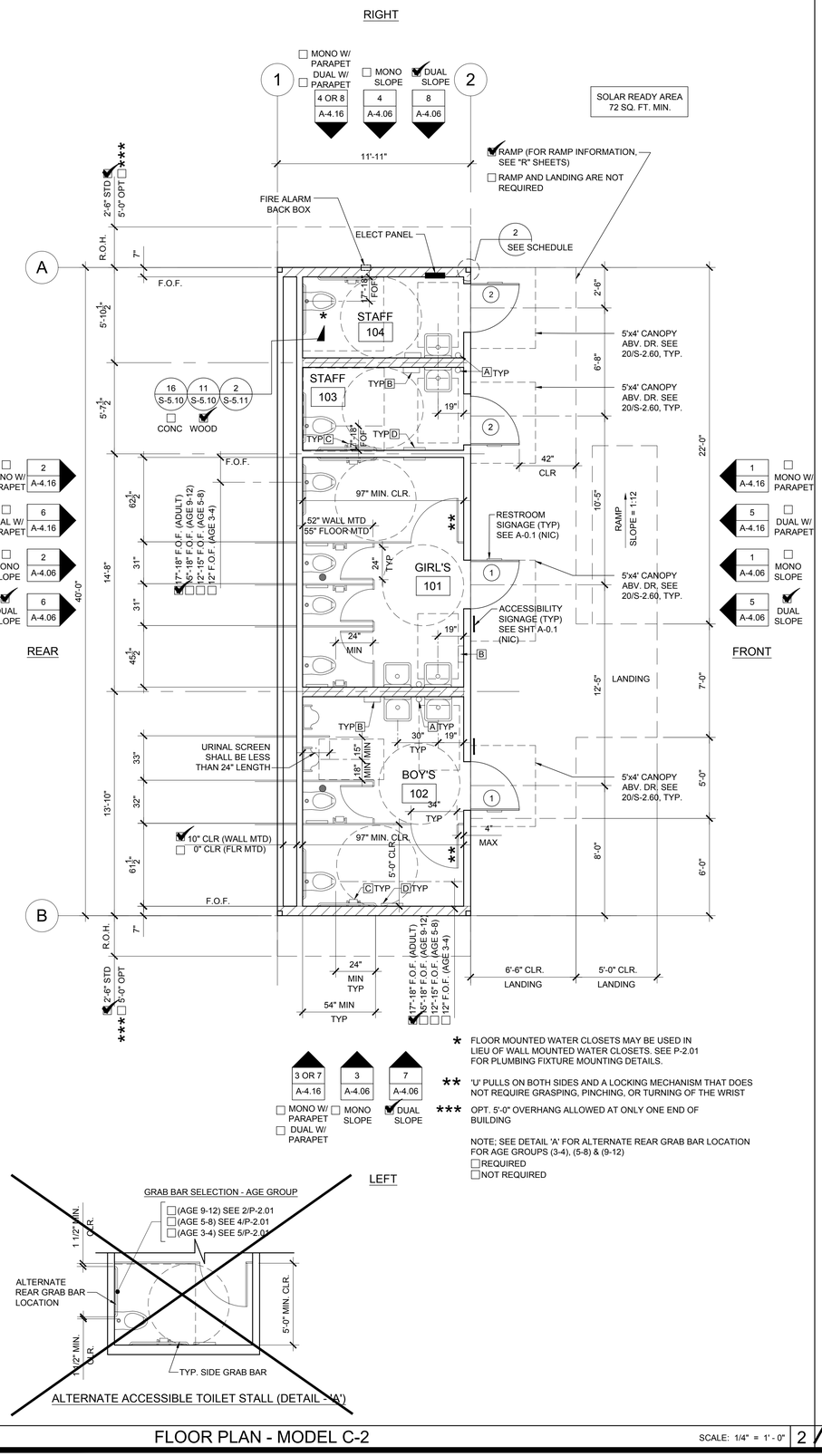
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24575 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

P.C. SHEET NUMBER

R2-A-0.7



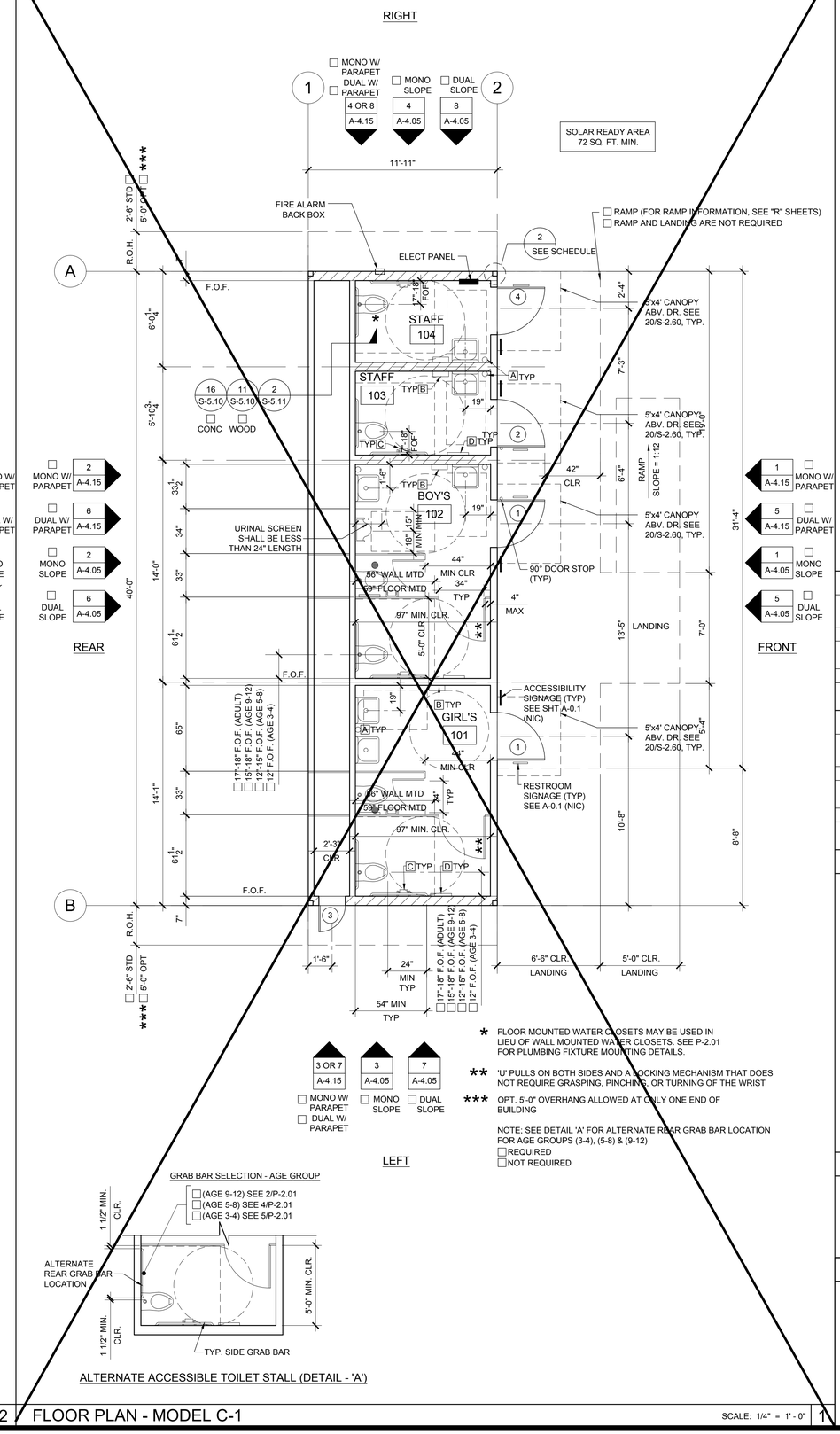
* FLOOR MOUNTED WATER CLOSETS MAY BE USED IN LIEU OF WALL MOUNTED WATER CLOSETS. SEE P-2.01 FOR PLUMBING FIXTURE MOUNTING DETAILS.

** 'U' PULLS ON BOTH SIDES AND A LOCKING MECHANISM THAT DOES NOT REQUIRE GRASPING, PINCHING, OR TURNING OF THE WRIST

*** OPT. 5'-0" OVERHANG ALLOWED AT ONLY ONE END OF BUILDING

NOTE; SEE DETAIL 'A' FOR ALTERNATE REAR GRAB BAR LOCATION FOR AGE GROUPS (3-4), (5-8) & (9-12)
☐ REQUIRED
☐ NOT REQUIRED

FLOOR PLAN - MODEL C-2 SCALE: 1/4" = 1' - 0" 2



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** 'U' PULLS ON BOTH SIDES AND A LOCKING MECHANISM THAT DOES NOT REQUIRE GRASPING, PINCHING, OR TURNING OF THE WRIST

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NOTE; SEE DETAIL 'A' FOR ALTERNATE REAR GRAB BAR LOCATION FOR AGE GROUPS (3-4), (5-8) & (9-12)
☐ REQUIRED
☐ NOT REQUIRED

FLOOR PLAN - MODEL C-1 SCALE: 1/4" = 1' - 0" 1

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. PER IR 16-1.13 (2.1)
   (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED, EXPOSURE CATEGORY, AND Kzt = 1.0 2019 CBC, DESIGN CLIMATE ZONE, SEISMIC PARAMETER = S_S .
2. IF BUILDING IS TO BE RELOCATED, SEE RELOCATION SHEETS.
3. FOR BUILDINGS THAT ARE MANUFACTURED IN-PLANT, THE IN-PLANT INSPECTOR IS TO ATTACH A VERIFIED REPORT INSIDE EACH BUILDING, WHICH SHALL INDICATE THE MANUFACTURER'S NAME AND THE SERIAL NUMBER FOR EACH BUILDING MODULE AS WELL AS THE DSA FILE AND APPLICATION NUMBES, PER IR 16-1.13 (2.1)
4. ALL FIXTURE HEIGHTS TO BE VERIFIED PRIOR TO CONSTRUCTION.
5. REQ. LOCATION OF LAV. TO BE 19" MIN. FROM FACE OF FIN. OF WALL WHEN ACCESSORIES (PAPER TOWEL DISP., ELECTRIC HAND DRYERS, ETC.) HAVING A 4" PROJECTION ARE TO BE INSTALLED, SO AS NOT TO ENCROACH INTO THE 30" x 48" CLEAR SPACE.

DETAIL SCHEDULE

FINISH:	SHEET #:
☑ SIDING OVER WOOD STUDS	A-5.50
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.51
☐ SIDING OVER STEEL STUDS	A-5.60
☐ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.61

FIRE RATED DETAIL SCHEDULE

FIRE PROTECTION:	SHEET #:
☐ 1 HOUR - SIDING OVER WOOD STUDS	A-5.52
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH WOOD STUDS	A-5.53
☐ 1 HOUR - SIDING OVER STEEL STUDS	A-5.62
☐ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY WITH STEEL STUDS	A-5.63

WALL LEGEND

NOMINAL 4" WALL STUD ☐
NOMINAL 6" WALL STUD ☐
NOMINAL 8" WALL STUD ☐

(A) WINDOW PER SCHEDULE SHEET A-0.2
(#) DOOR PER SCHEDULE SHEET A-0.2

NOTE:
2x4 WALL FRAMING NOT ALLOWED WITH PLASTER WALL FINISH WITH WALLS OVER 9'-0" IN HEIGHT.

THIS PLAN MAY INCLUDE THE VARIOUS EXERCISABLE OPTIONS APPLICABLE TO THE PC SUCH AS PARTITION WALLS, PLUMBING, ETC. FOR REFERENCE PURPOSES. OPTIONS CAN BE APPLIED AS REQUIRED TO THE PC'S BUILDING SIZES.

SYMBOLS LEGEND

60" CIRCLE CLEAR SPACE
30"x48" CLEAR SPACE

TOILET ACCESSORIES

A SOAP DISPENSER: LIQUID SOAP DISPENSER 4" MAX PROJECTION
B PAPER TOWEL DISPENSER/TRASH BIN COMBO: SURFACE MOUNTED SHALL BE MOUNTED SUCH THAT THE BOTTOM OF THE ACCESSORY IS NOT MORE THAN 27" AFF. 5" MAX. PROJECTION CANNOT ENCROACH INTO 30"x48" CLEAR SPACE OF FIXTURE
C TOILET PAPER HOLDER: SINGLE ROLL SEMI-RECESSED OR 3" MAX PROJECTION
D TOILET SEAT DISPENSER: SURFACE MOUNTED
ACCESSORY NOTE:
TOILET ACCESSORIES (NIC) SEE SHEET P-2.01 FOR ACCESSIBLE ELEVATION & DIMENSIONS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
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PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

FLOOR PLAN
12'x40' - MODEL C-1
12'x40' - MODEL C-2

REVISIONS
1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022
PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.
SILVER CREEK
Building for the Next Generation
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

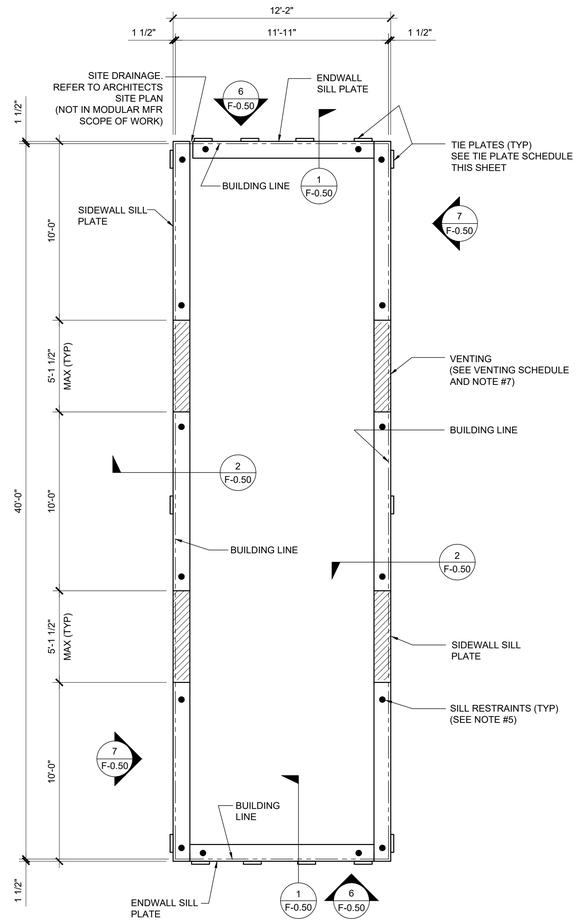
REGISTERED PROFESSIONAL ENGINEER JOHN 'N STARLING 24575 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12.9.2021

P.C. SHEET NUMBER

R2-A-1.03



NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18” IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

FOUNDATION PLAN

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

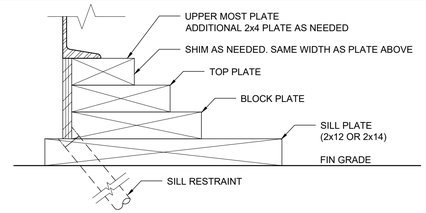
1

WOOD FOUNDATION PLATE SCHEDULE

50 + 15 PSF

PLATES	END WALL	SIDE WALL	
ADDITIONAL (AS NEEDED)	2x4	2x4	
TOP	2x6	2x6	
BLOCK	2x8 SEE NOTE #10	2x8	
SILL	2x12 SEE NOTE #10	2x12	

FOUNDATION PLATE DESCRIPTION



NOTES

1. BUILDINGS OVER 2160 SF, MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION PER IR 16-1 ITEM 1.4.
2. FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULAR FLOORS.
3. FOUNDATION VENTS THAT OCCUR UNDER RAMP LANDINGS, PROVIDE AN EQUAL AREA OF SCREENED VENT IN LANDING SKIRT.
4. WOOD SILL (FOOTING) PLATES SHALL BE PRESSURE TREATED HEM-FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING BY OTHERS. THE WOOD SILL FOOTING PLATE MAY SUPPORT CONTINUOUS BLOCKING AND SHEATHING SKIRT WHICH NEED NOT BE TREATED.
5. SILL RESTRAINT:
   THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. AN ACCEPTABLE DESIGN WOULD INCORPORATE ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPES OR ONE-INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O.C. ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATIONS STRIP. PIPES SHOULD PENETRATE INTO SOIL, CONCRETE, AND/OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. ALTERNATE OR EQUIVALENT DESIGNS, WHEN PROVIDED WITH STRUCTURAL CALCULATIONS AND DETAILS, WILL BE SUBMITTED TO DSA FOR REVIEW AND APPROVAL.
6. STACKED WOOD MEMBERS FOR FOUNDATIONS AND PRESSURE TREATED LUMBER SHALL BE NAILED WITH HOT DIPPED GALVANIZED PER ASTM A-153.
7. VENTILATION OPENINGS SHALL BE COVERED FOR EITHER HEIGHT AND WIDTH WITH CORROSION - RESISTANT WIRE MESH, WITH A CLEAR "THROUGH" DIMENSION NOT EXCEEDING 1/8" ACTING AS A VERMIN BARRIER.
8. VENTING CALCULATION REQUIREMENTS FOR MULTIPLE BUILDING SETS MUST BE CALCULATED WITH OVERALL SQUARE FOOTAGE INCLUDING SEPARATION.
9. FOR FOUNDATION ANCHORAGE ON CONCRETE PAD, SEE DETAIL 15/F0.50.
10. IF OPTIONAL ENDWALL VENTS ARE APPLIED, SILL PLATE AND BLOCK PLATE MUST BE CONTINUOUS. VENT OPENINGS SHALL BE BROKEN ABOVE THE BLOCK PLATE.
11. FOR FOUNDATION SPLICE - SEE 5/F-0.50.
12. CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
    THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1202.4.1.2.
    MATERIALS:
    GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL; MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS; POLYETHELYNE FILM (≥ 6 MIL); POOL LINER (PUNCTURE RESISTANT); AND POLYETHELYNE FILM WITH RAT SLAB.
    INSTALLATION RECOMMENDATIONS:
    OVERLAP JOINTS BY 6 INCHES; TAPE OR SEAL ALL JOINTS; ATTACH VAPOR RETARDER OVER SILL PLATE PER 10/F0.50; SEAL TO ALL PIERS AND OTHER PENETRATIONS.
13. ENDWALL VENTS (IF REQ'D) SHALL BE LOCATED A MIN OF 24" FROM BUILDING CORNERS. MAXIMUM ONE ENDWALL VENT PER 12'-0" MODULE.
14. CONCRETE FLOOR LOAD IS INCLUDED IN THE CONCRETE FOUNDATION OPTION FOR FOUNDATION & ANCHORAGE DESIGN, I.E. THERE IS NO CONCRETE FLOOR FOR WOOD FOUNDATION OPTION. THERE IS CONCRETE FLOOR FOR CONCRETE FOUNDATION OPTION.
15. IF PARAPET IS HIGHER THAN 18". COMBINATION REQUIRES A 2 X 14" OR 2 X 16" SILL PLATE @ EXTERIOR OF BUILDING.
16. 150 PSF FLOOR LIVE LOAD OPTION CANNOT BE USED WITH THE STUCCO WALL OR PARAPET OPTION.
17. VENTS AT MODLINE FOUNDATIONS. THE MINIMUM CRITERIA REQUIREMENT AS FOLLOWS:
    A. VENTS HAVE A MINIMUM OF 2 SILL /BLOCKING PLATES BENEATH.
    B. VENTS ARE A MAXIMUM OF 6" LONG x 3" MIN. HIGH.
    C. VENTS ARE SPACED A MINIMUM OF 8" APART (EDGE TO EDGE) AND 24" MIN. FROM CORNERS.
18. WHERE THE BUILDING OCCURS ON OR ADJACENT TO A SLOPE (GREATER THAN 33%) THE SETBACK SHALL COMPLY WITH CBC SECTION 1808.7. THE MINIMUM SETBACK AT THE TOP OF THE SLOPE SHALL BE NOT LESS THAN SMALLER OF 40'-0" OR 1/3 THE HEIGHT OF THE SLOPE. THE MINIMUM SETBACK AT THE BOTTOM OF THE SLOPE SHALL BE NOT LESS THAN THE SMALLER OF 15'-0" OR 1/2 THE HEIGHT OF THE SLOPE. THE SETBACK DISTANCES INDICATED HERE MAY BE REDUCED WHEN A SITE SPECIFIC GEOTECHNICAL REPORT IS PROVIDED.

NAILING SCHEDULE

BUILDING SIZE	(2) 16d BOX NAILS PLATE TO PLATE ATTACHMENT BELOW UPPER MOST PLATE
12' x 40'	8" OC AT ENDWALL - 1 / F-0.50 12" OC AT SIDEWALL - 2 / F-0.50

VENTING SCHEDULE

BUILDING SIZE	BUILDING AREA	REQUIRED VENTING	SIDE VENTING	TOTAL VENTING SUPPLIED
12' x 40'	480 SF	3.2 SF (1/150)	5.125' x 3" = (4) 1.28 SF/EA	5.12 SF SEE NOTE #8

TIE PLATE SCHEDULE (14 / F-0.50)

BUILDING SIZE	SIDE WALL TIE PLATES	END WALL TIE PLATES	TOTAL NUMBER OF TIE PLATES
12' x 40'	3	4	14

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PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

WOOD FOUNDATION PLAN
12x40
(50 PSF)

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
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SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022

PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.
SILVER CREEK
Building for the Next Generation
2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

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DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

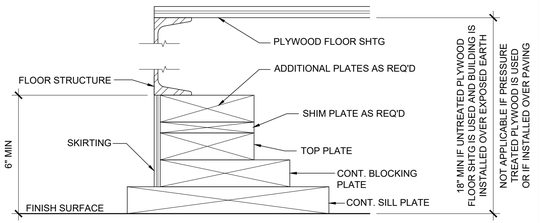
REGISTERED PROFESSIONAL ENGINEER
JOHN N STARLING
24975
STRUCTURAL
STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

P.C. SHEET NUMBER

R2-F-0.01



NOTE:
SEE SCHEDULE ON SHEET S-1.01 TO DETERMINE IF PRESSURE TREATED PLYWOOD FLOOR SHTG IS BEING PROVIDED

CLEARANCE TO PLYWOOD SHTG SCALE : 3"=1'-0" | 16

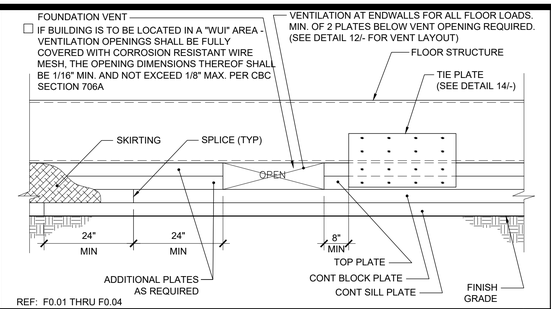
NOT USED | 17

NOT USED | 18

NOT USED | 19

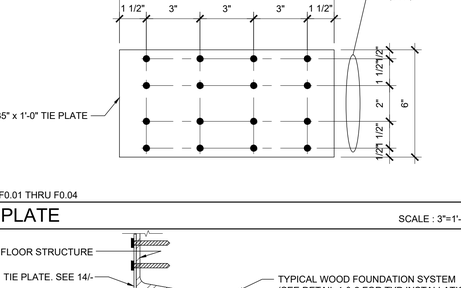
NOT USED | 20

NOT USED | 11



REF: F0.01 THRU F0.04

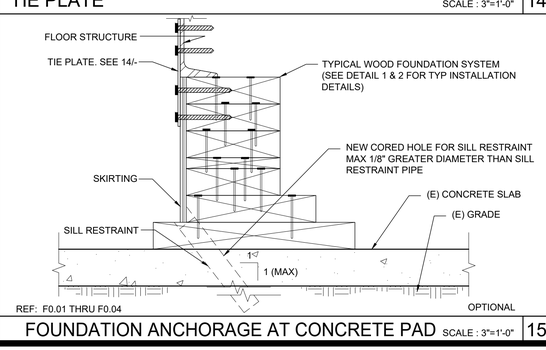
FOUNDATION ASSEMBLY END WALL ELEVATION SCALE : 1 1/2"=1'-0" | 6



END WALL VENT SCALE : 1 1/2"=1'-0" | 12

REF: F0.01 THRU F0.04

TIE PLATE SCALE : 3"=1'-0" | 14



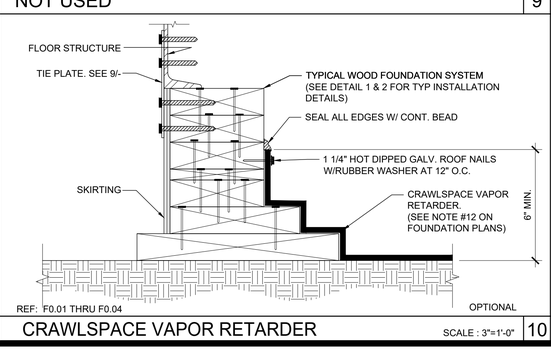
REF: F0.01 THRU F0.04 OPTIONAL

FOUNDATION ANCHORAGE AT CONCRETE PAD SCALE : 3"=1'-0" | 15

NOTE:
MINIMUM FOUNDATION HEIGHT TO BE 18" IF THE BUILDING CARRIES UNDER FLOOR PLUMBING (MANIFOLDS)

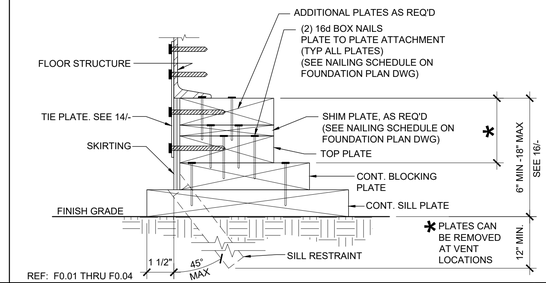
NOT USED | 8

NOT USED | 9



REF: F0.01 THRU F0.04 OPTIONAL

CRAWLSPACE VAPOR RETARDER SCALE : 3"=1'-0" | 10



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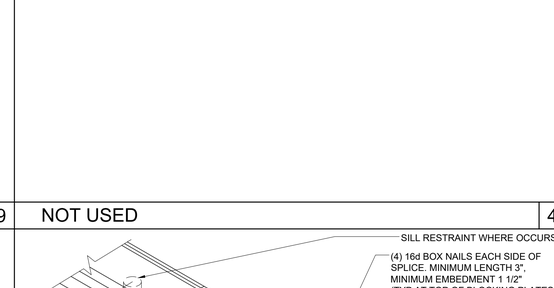
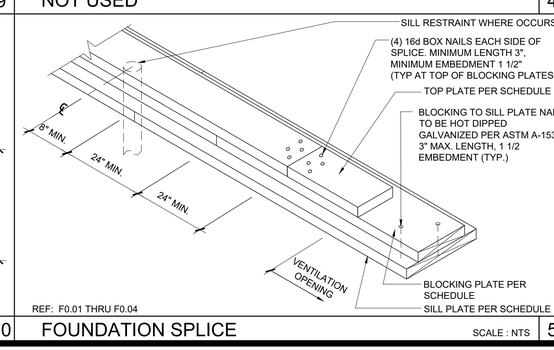
FOUNDATION AT END WALL SCALE : 3"=1'-0" | 1



REF: F0.01 THRU F0.04

FOUNDATION AT SIDE WALL SCALE : 3"=1'-0" | 2



REF: F0.01 THRU F0.04

FOUNDATION SPLICE SCALE : NTS | 5

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PROJECT NAME:

WILLIAMS SCOTSMAN STOCKPILE

SHEET TITLE:

FOUNDATION DETAILS
WOOD

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
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DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

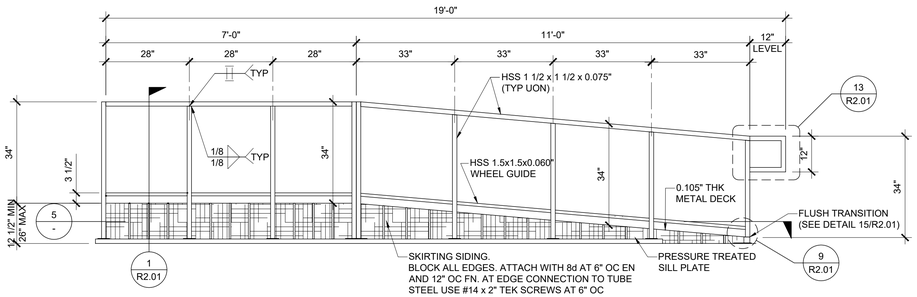
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24576 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

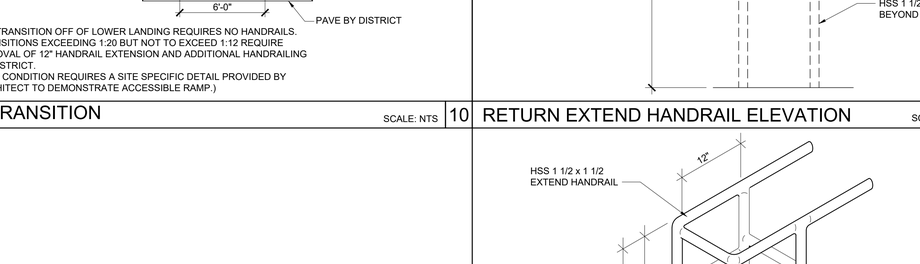
P.C. SHEET NUMBER

R2-F-0.50



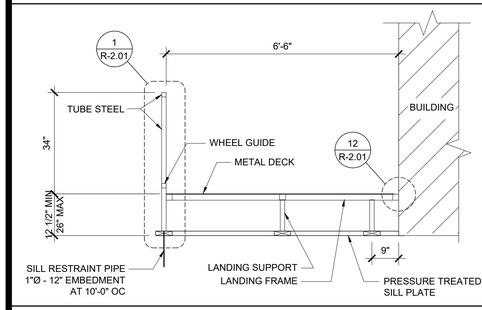
RAMP AND LANDING ELEVATION

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



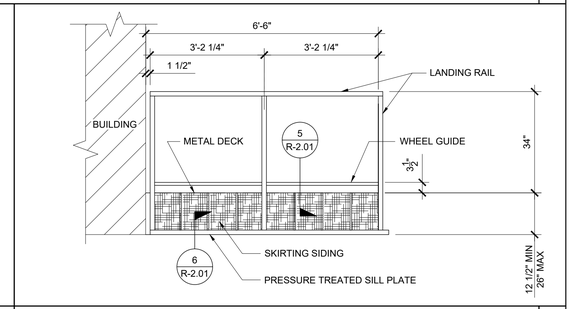
SECTION AT RAMP AND LANDING

SCALE : 1/2" = 1'-0" | 5



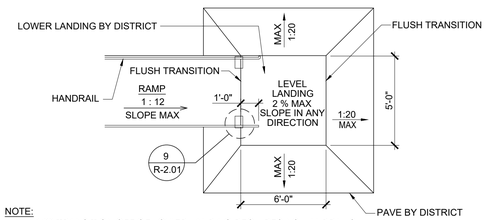
SECTION AT LANDING

SCALE : 1/2" = 1'-0" | 9



LANDING ELEVATION

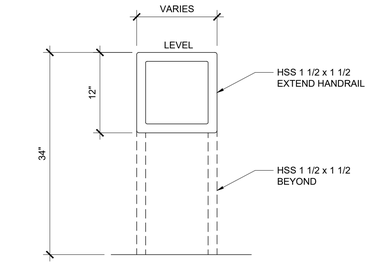
SCALE : 1/2" = 1'-0" | 6



NOTE:
1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS.
2. TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT.
(THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMONSTRATE ACCESSIBLE RAMP.)

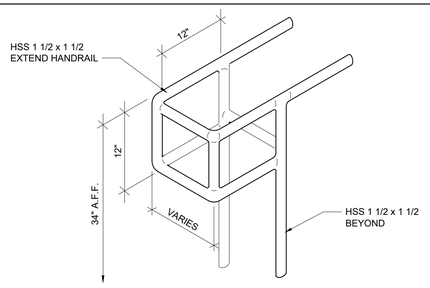
RAMP TRANSITION

SCALE: NTS | 10



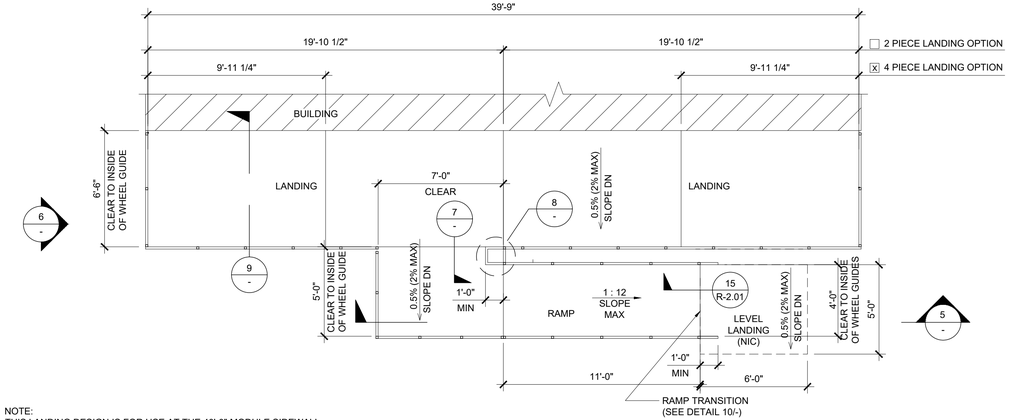
RETURN EXTEND HANDRAIL ELEVATION

SCALE : 1" = 1'-0" | 7



RETURN EXTEND HANDRAIL ISOMETRIC

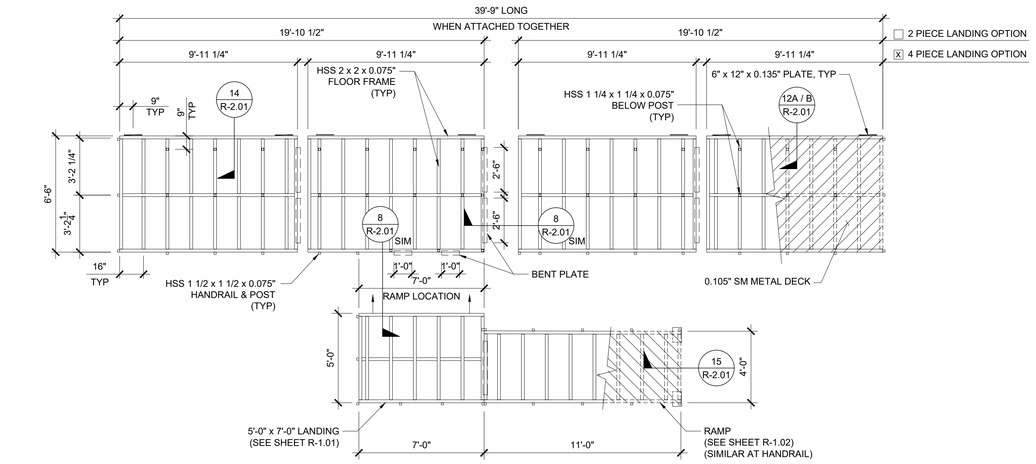
SCALE : NTS | 8



NOTE:
THIS LANDING DESIGN IS FOR USE AT THE 40'-0" MODULE SIDEWALL.
IF THIS LANDING DESIGN IS USED AT THE 12'-0" MODULE ENDWALL THEN THE EDGE OF THE LANDING SHALL BE 7" CLEAR (MIN) FROM THE CORNER OF THE BUILDING.

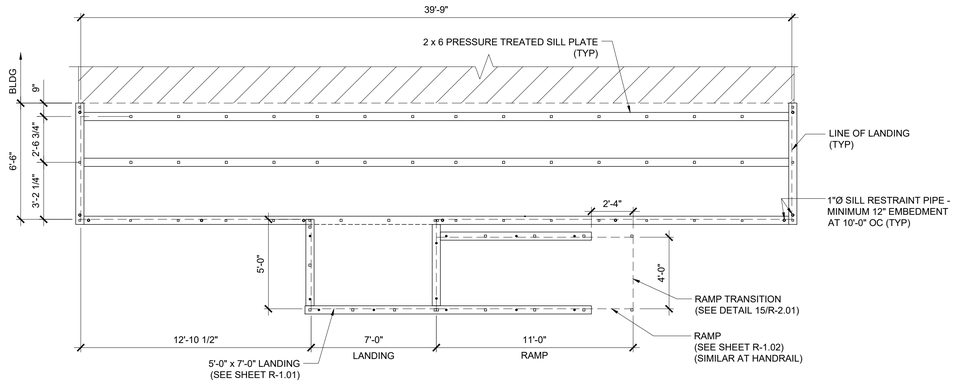
LANDING PLAN

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



LANDING FRAME

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



SILL PLAN FOR RAMP AND LANDING

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

PROJECT NAME:

SHEET TITLE:

RAMP LANDING

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022

PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK
Building for the Next Generation

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

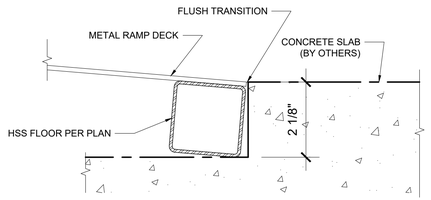
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

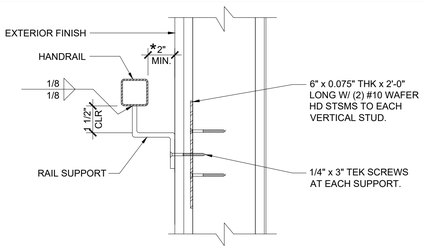
REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24176 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12.9.2021
P.C. SHEET NUMBER	R2-R-1.03



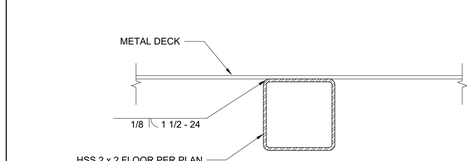
FLUSH TRANSITION AT BOTTOM OF RAMP SCALE : 6" = 1'-0" | 15



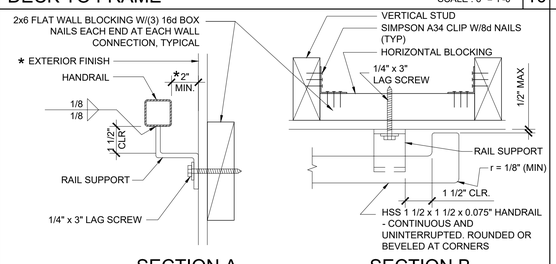
NOTE (*)
1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-505.8 WALL TO BE SMOOTH AND TO EXTEND 18" ABOVE HANDRAIL

HANDRAIL CONNECTION AT SHEETMETAL BLKG SCALE : 3" = 1'-0" | 16

RAIL NOTCH AT HANDRAIL SCALE : 6" = 1'-0" | 17



DECK TO FRAME SCALE : 6" = 1'-0" | 10



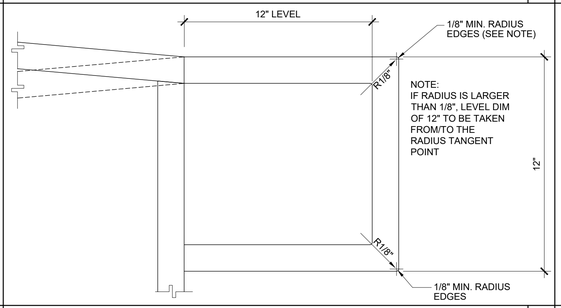
SECTION A SECTION B

NOTE (*)
1. ALL SURFACES SHALL BE SMOOTH WITH NO SHARP CORNERS, PER CBC 11B-505.8 WALL TO BE SMOOTH AND TO EXTEND 18" ABOVE HANDRAIL

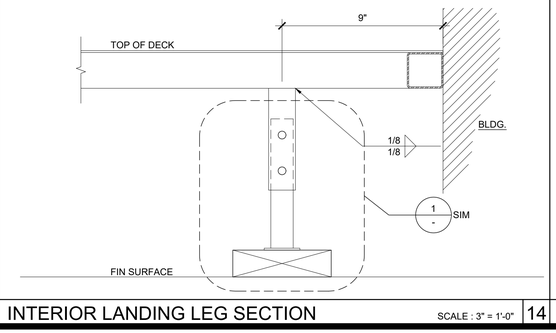
HANDRAIL CONNECTION AT WOOD BLOCKING SCALE : 3" = 1'-0" | 11

(B) LANDING @ DOOR (A) RAMP & LANDING

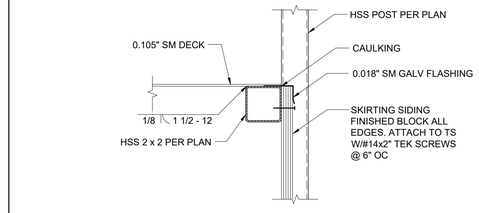
SECTION AT PLATE SCALE : 6" = 1'-0" | 12



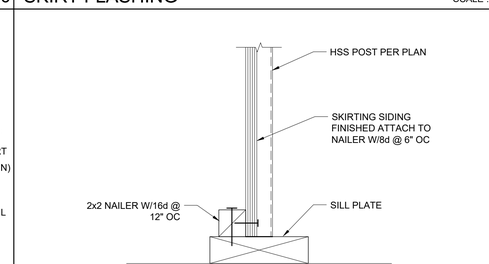
EXTEND HANDRAIL @ TOP OR BOTT. ENDS SCALE : 3" = 1'-0" | 13



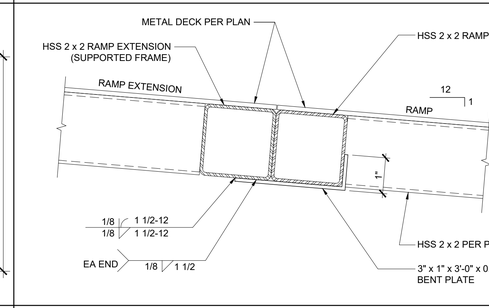
INTERIOR LANDING LEG SECTION SCALE : 3" = 1'-0" | 14



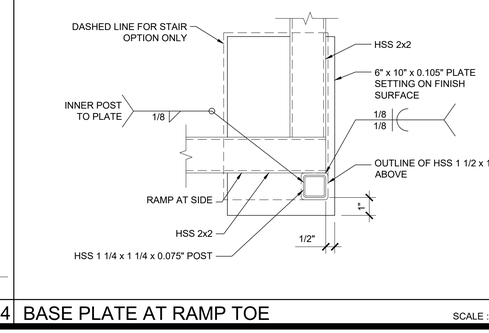
SKIRT FLASHING SCALE : 3" = 1'-0" | 5



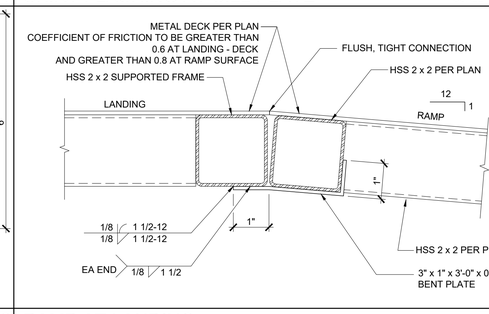
SKIRT FLASHING AT SILL PLATE SCALE : 3" = 1'-0" | 6



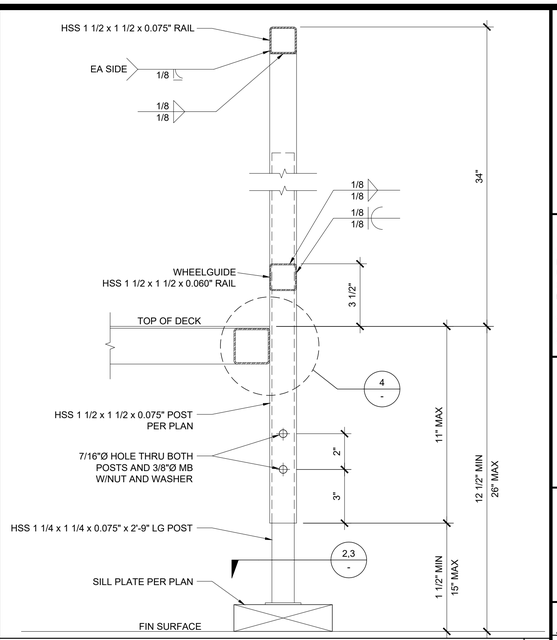
RAMP EXTENSION SCALE : 6" = 1'-0" | 8



BASE PLATE AT RAMP TOE SCALE : 3" = 1'-0" | 9

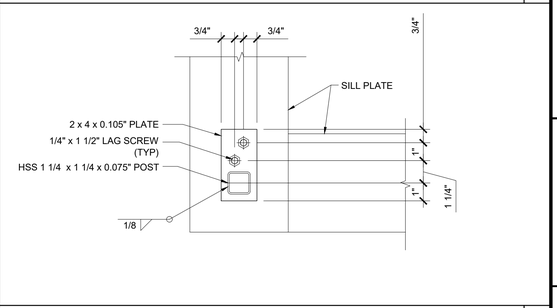


RAMP AT LANDING SCALE : 6" = 1'-0" | 7

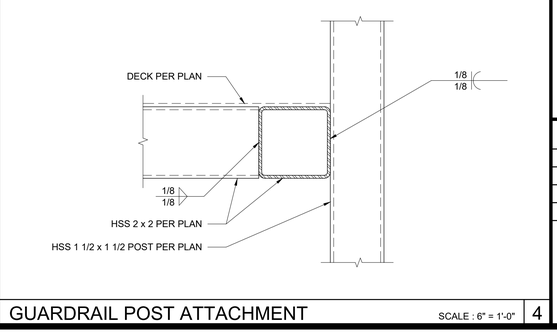


ADJUSTABLE LEG SCALE : 3" = 1'-0" | 1

ADJUSTABLE LEG BASE PLATE SCALE : 3" = 1'-0" | 2



ADJUSTABLE LEG BASE PLATE SCALE : 3" = 1'-0" | 3



GUARDRAIL POST ATTACHMENT SCALE : 6" = 1'-0" | 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

SHEET TITLE:

RAMP DETAILS

REVISIONS

1	
2	
3	
4	
5	

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-121113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022
PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK
Building for the Next Generation

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

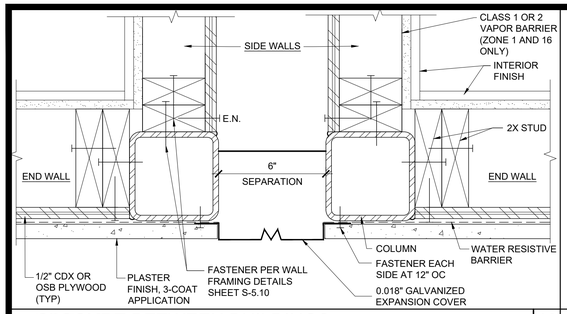
REGISTERED PROFESSIONAL ENGINEER JOHN W STARK 2975 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:	
DRAWN BY:	
SCALE:	AS NOTED
DATE:	12.9.2021

P.C. SHEET NUMBER

R2-R-2.01



NOT USED BETWEEN BUILDINGS

SCALE : 3"=1'-0"

16

NOT USED

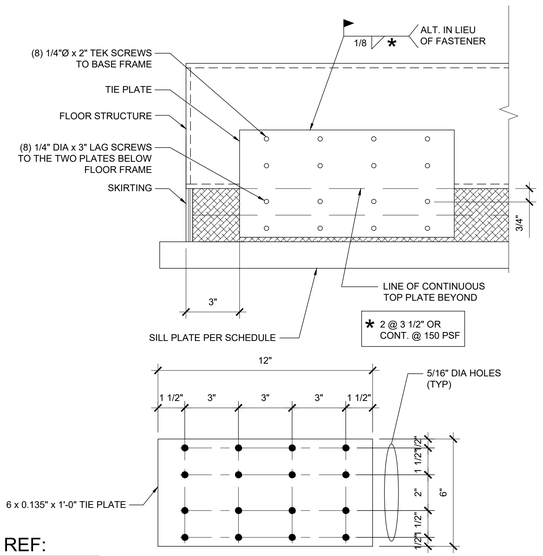
11

NOT USED

6

NOT USED

1



REF:

14 / F0.50

TIE PLATE

SCALE : 3"=1'-0"

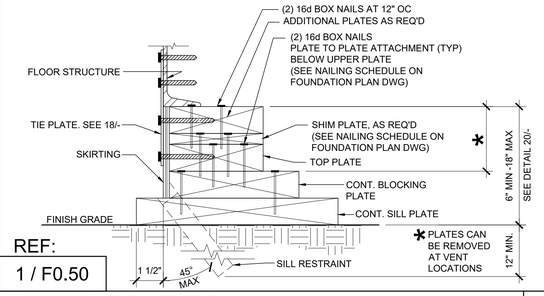
18

NOT USED

12

NOT USED

7



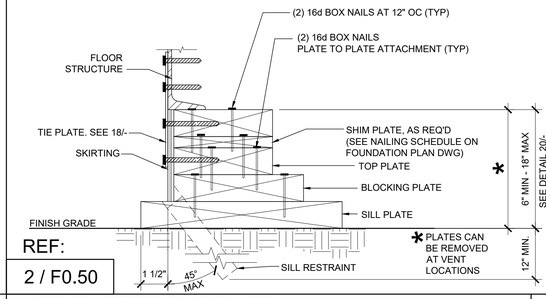
REF:

1 / F0.50

FOUNDATION AT END WALL

SCALE : 3"=1'-0"

7



REF:

2 / F0.50

FOUNDATION AT SIDE WALL

SCALE : 3"=1'-0"

2

NOT USED

19

CLEARANCE TO PLYWOOD SHTG

SCALE : 3"=1'-0"

20

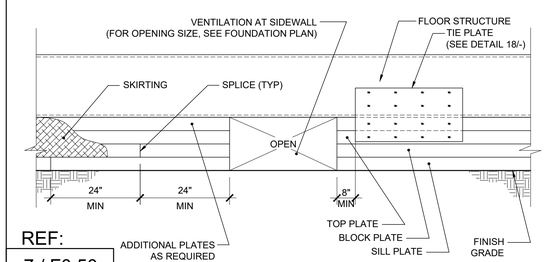
6 / F0.50

REF:

FOUNDATION ASSEMBLY SIDEWALL ELEVATION

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

14



REF:

7 / F0.50

FOUNDATION ASSEMBLY END WALL ELEVATION

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

15

NOT USED

13

NOT USED

8

NOT USED

3

NOT USED

9

NOT USED

4

REF:

5 / F0.50

FOUNDATION SPLICE

SCALE : NTS

5

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

PROJECT SPECIFIC STATE AGENCY APPROVAL

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PROJECT NAME:

SHEET TITLE:

BUILDING RELOCATION DETAILS

REVISIONS

1
2
3
4
5

PRE-CHECK (PC) DOCUMENT
CODE: 2019 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-131113 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☑
DATE: 05/31/2022

PC STATE AGENCY APPROVAL

SILVER CREEK INDUSTRIES, INC.

SILVER CREEK

Building for the Next Generation

2830 BARRETT AVE PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-122602 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 05/07/2024

MODULAR BUILDING DESIGN PROFESSIONAL

REGISTERED PROFESSIONAL ENGINEER JOHN W STARLING 24775 STRUCTURAL STATE OF CALIFORNIA

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:
DRAWN BY:
SCALE: AS NOTED
DATE: 12.9.2021

P.C. SHEET NUMBER

R2-REL-101

Pre-Check (PC)

Metal Ramp and Landing

REFERENCE SYMBOLS

BUILDING SECTION:

A / A9 — SHEET LOCATION / SHEET NUMBER

BUILDING DETAIL:

A / A11 — DETAIL NUMBER / SHEET NUMBER

REVISION:

#

PLAN KEY NOTE:

4

PLAN ENLARGEMENT:

A / A3 — SHEET LOCATION / SHEET NUMBER

SHEET INDEX: 8 SHEETS

T1	TITLE SHEET
G1	DSA 103 SPECIAL INSPECTIONS
R1.0	METAL RAMP & LANDING PLANS & DETAILS
~~R1.0A~~	~~METAL RAMP & LANDING PLANS~~
~~R1.1~~	~~METAL RAMP & LANDING PLANS~~
~~R1.2~~	~~METAL RAMP & LANDING PLANS & DETAILS~~
R2.0	METAL RAMP DETAILS
R3.0	METAL RAMP DETAILS

TOTAL OF 8 SHEETS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

APPLICABLE CODES:

2022 BUILDING ADMINISTRATIVE CODE PART (CAC), PART 1, TITLE 24 C.C.R
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, CBSC, TITLE 24 C.C.R
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R
2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R
2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R
2022 CALIFORNIA GREEN BUILDING CODE, PART 11, TITLE 24 C.C.R
TITLE 19 C.C.R., PUBLIC SAFETY, SFM REGULATIONS
2022 CALIFORNIA REFERENCE STANDARDS CODE, PART 12, TITLE 24 C.C.R

LIST OF FEDERAL CODES AND STANDARDS

AMERICANS WITH DISABILITIES ACT (ADA), 2010 ADA ACCESSIBILITY STANDARDS & ADA ACCESSIBILITY GUIDELINE (ADAAG)

STRUCTURAL DESIGN CODES

CALIFORNIA BUILDING CODE 2022 PART 1 & 2

LOADS	ASCE 7-16
CONCRETE	ACI 318-19
STRUCTURAL STEEL	AISC 360-16
LIGHT GAUGE STEEL	AISC S100-16 (2020) W/S2-20 NORTH AMERICAN SPECIFICATION
WOOD	NATIONAL DESIGN SPECIFICATION 2018

DESIGN GROUP

ARCHITECT:
JACK SHIVELY
SPARC DESIGN GROUP
(951) 293-4526

STRUCTURAL ENGINEER:
RYAN OMER
ORION ENGINEERING
(858) 679-1974

DESIGN DATA:

WIND DESIGN DATA

1.	BASIC WIND SPEED, 3 SEC. GUST(MPH):		105 / Kzt = 1.0
2.	WIND EXPOSURE:		"C"
3.	APPLICABLE INTERNAL PRESSURE COEFFICIENT:		0
4.	COMPONENTS AND CLADDING:		
	a. q_1 = 20.4 b. Cf = 2.0 c. PRESSURE = 40.8 PSF ON RAILING		

EARTHQUAKE DESIGN DATA

1.	SEISMIC IMPORTANCE FACTOR:			1.50
2.	MAPPED SPECTRAL RESPONSE:			
A.	S_s = 2.85	F_a = 1.0	S_1 = 1.389	
	SITE CLASS			A, B & D
	SPECTRAL RESPONSE COEFFICIENTS:			
	S_{DS} = 1.90	S_{D1} = 1.574		
B.	S_s = 2.37	F_a = 1.2	S_1 = 1.389	
	SITE CLASS			C or D DEFAULT
	SPECTRAL RESPONSE COEFFICIENTS:			
	S_{DS} = 1.896	S_{D1} = 1.296		
3.	SEISMIC DESIGN CATEGORY:			D
4.	BASIC SEISMIC-FORCE-RESISTING-SYSTEM:			CANTILEVERED COLUMN
5.	DESIGN BASE SHEAR:			☐ 3,205 lb (5x7 LANDING - 11' RAMP) ☐ 5,013 lb (SWITCHBACK) ☐ 5,013 lb (LARGE LANDING)
6.	SEISMIC RESPONSE COEFFICIENT, C_s:			1.68
7.	RESPONSE MODIFICATION FACTOR, R:			1.25
8.	ANALYSIS PROCEDURE USED:			EQUIVALENT LATERAL FORCE
9.	MINIMUM SEISMIC SEPARATION FROM OTHER EXISTING OR FUTURE BUILDINGS			1.5" FROM BUILDING

RAMP / LANDING =	100 PSF / 300 LBS
HAND RAIL =	50 PSF / 200#
ALLCWABLE SOIL BEARING =	1,000 PSF

SNOW LOAD

GROUND SNOW LOAD	P_G = 20 PSF

NOT DESIGNED FOR FLOOD LOADS

GENERAL CONSTRUCTION NOTES:

1. NOTHING IN THE DRAWINGS ~~AND/OR THE SPECIFICATIONS~~ SHALL BE CONSTRUED TO PERMIT AN INSTALLATION THAT COULD BE IN VIOLATION OF THE APPLICABLE CODES, ORDINANCES, REGULATIONS, RESTRICTIONS, ETC.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSION IN THE FIELD AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE DRAWINGS SHALL CAUSE THE CONTRACTOR TO NOTIFY THE ARCHITECT PRIOR TO MAKING ANY CHANGES IN THE WORK.
3. THE DRAWINGS, IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED HEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT/OWNER AND NO PART THEREOF SHALL BE COPIED OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THESE DOCUMENTS HAVE BEEN PREPARED AND DEVELOPED WITHOUT WRITTEN CONSENT OF THE PRO-FAB CONSTRUCTION INC. VISUAL CONTACT WITH THESE DRAWINGS CONSTITUTES CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.
4. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND PRO-FAB CONSTRUCTION INC. MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
5. MISPLACEMENT, ADDITION, OR OMISSION OF ANY WORD, LETTER, FIGURE, PUNCTUATION MARK, ETC., SHALL IN NO WAY CHANGE OR ALTER THE TRUE INTENT, SPIRIT, OR MEANING OF THE DRAWINGS.
6. THE CONTRACTOR SHALL STUDY AND COMPARE ALL DRAWING SHEETS AND SHALL REPORT ANY ERRORS, OMISSIONS, OR INCONSISTENCIES TO PRE-FAB CONSTRUCTION INC. BEFORE COMMENCING WORK IN THAT AREA.
7. ALL WORK SHALL CONFORM TO THE TITLE 24, 2022 CALIFORNIA CODE OF REGULATIONS (C.C.R.)
8. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART1, TITLE 24, CCR.
9. THIS IS A PROTOTYPE APPROVAL AND NOT FOR CONSTRUCTION, A SEPARATE APPLICATION MUST BE FILED WITH DSA FOR USE OF THIS "PC" FOR A SPECIFIC SITE OR STOCKPILE APPROVAL.
10. PROJECTS USING THESE RAMPS FOR ANY OCCUPANCY OTHER THAN THAT LISTED IN THE BUILDING DATA SHALL NOT BE SUBMITTED FOR OVER THE COUNTER REVIEW AND MUST BE SUBMITTED FOR A DSA REVIEW.
11. A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR; CLASS 3.
12. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

MECHANICALLY ATTACH A METAL TAG ON ALL RAMPS @ +8'-0" WITH THE FOLLOWING INFORMATION INSCRIBED:

DSA APPLICATION NUMBER: _____

MANUFACTURER'S NAME & SERIAL NUMBER: _____

GENERAL STRUCTURAL NOTES:

1. THE CONSTRUCTION DRAWINGS ~~AND SPECIFICATIONS~~ REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES, INCLUDING BUT NOT LIMITED TO BRACING, TEMPORARY SUPPORTS, AND SHORING. OBSERVATION VISITS TO THE SITE BY FIELD RESPRESENTATIVES OF THE ARCHITECT/ENGINEER SHALL NOT INCLUDE INSPECTIONS OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES. ANY SUPPORT SERVICES PERFORMED BY THE ARCHITECT/ENGINEER DURING THE CONSTRUCTION SHALL BE DISTINGUISHED FROM CONSTRUCTION AND DETAILED INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED BY THE ARCHITECT/ENGINEER. WHETHER OF MATERIAL OR WORK, ARE FOR THE PURPOSE OF ASSISTING IN QUALITY CONTROL AND IN ACHIEVING CONFORMANCE WITH CONTRACT DOCUMENTS, BUT DO NOT GUARANTEE CONTRACTORS PERFORMANCE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.
2. ASTM DESIGNATIONS AND ALL STANDARDS REFER TO THE LATEST AMENDMENTS.
3. SAFETY: CONFORM TO APPLICABLE CAL/OSHA CONSTRUCTION SAFETY REGULATIONS FOR ALL WORK PERFORMED DURING CONSTRUCTION. JOB SITE SAFETY IS STRICTLY THE RESPONSIBILITY OF THE CONTRACTOR AND NOT THE ARCHITECT/ENGINEER OR OWNER.

STRUCTURAL AND MISCELLANEOUS STEEL:

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION, AND AISC 360-16.
2. STRUCTURAL SHAPES AND PLATES SHALL CONFORM TO THE FOLLOWING U.N.O.:

☐ STD.METAL FABRICATION ☐ OPT. GALVANIZED METAL FABRICATION

C/MC/M/S/HP SHAPES	ASTM A36
ANGLES AND PLATES	ASTM A36
TUBES	ASTM A1011
14 GA. & THINNER - GRADE 33	
12 GA. & THICKER - GRADE 50	

3. ERECTION AND SHOP DETAIL DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION AND ERECTION. SUBMIT TWO SETS FOR REVIEW.
4. MACHINE BOLTS CONFORMING TO ASTM A307 SHALL BE USED ONLY WHERE NOTED; NUTS SHALL CONFORM TO ASTM A563.
5. ALL WELDING SHALL COMPLY WITH AWS D1.1 AND SHALL BE DONE BY WELDERS CERTIFIED FOR THE TYPE OF WELDING TO BE PERFORMED. WELDING OF REBAR SHALL CONFORM TO AWS D1.4.
6. ALL WELDING SHALL BE DONE WITH E70XX ELECTRODES OR E7XT-X WIRE CONFORMING TO CHARPY NOTCH TOUGHNESS RATING 40 ft-lbs @ 70 DEGREES FAHRENHEIT AND 20 ft-lbs @ 0 DEGREES FAHRENHEIT.

WOOD FOUNDATION PLATES:

1. FOUNDATION SILL PLATE: DOUGLAS FIR NO.1 GRADE, PRESSURE PRESERVATIVE TREATED.
2. LUMBER INDICATED ON THE DRAWINGS OR SPECIFIED HEREIN TO RECEIVE PRESSURE PRESERVATIVE TREATMENT SHALL BE TREATED TO PROVIDE A NET RETENTION OF 0.25 lbs. PER CUBIC FOOT WITH ONE OF THE WATERBORNE SALT TREATMENTS LISTED BELOW OR EQUAL:

   J.H. BAXTER AND CO. "CHEMONITE"
   KOPPERS CO. INC. "WOLMAN CCA"
   OSMOSE WOOD PRESERVING CO. "K-33"

3. AFTER TREATMENT, LUMBER AND PLYWOOD SHALL BE KILN DRIED TO A MOISTURE CONTENT OF 19 PERCENT LESS.

GENERAL RAMP NOTES:

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" MIN.- 38" MAX. ABOVE WALKING SURFACE.
3. SURFACE: LANDING & RAMP TO HAVE NON SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR.
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 CU TO BOTH GROUND LUGS.
5. ARCHITECT SITE / RAMP / LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26" THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY PRO-FAB CONSTRUCTION INC. IS 11'-0" AT A SLOPE OF 1:12, THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS PRO-FAB CONSTRUCTION INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON SHEET R1.0.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

SPARC DESIGN
3826 TANZANITE CT. PERRIS, CA 92570
WWW.SPARCDESIGNGROUP.COM | 951.293.4526

LICENSED ARCHITECT — JACK F. SHIVELY — No. C-13407 — REN: 01/31/2025 — STATE OF CALIFORNIA

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APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-123389 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 05/22/2024

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

PROJECT INFORMATION

Pre-Check (PC) Metal Ramp and Landing

PRO-FAB CONSTRUCTION INC.

17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

REV'#	DATE	DESCRIPTION
1		

SHEET TITLE: TITLE SHEET

SHEET #: MR-T-1

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123389
DSA File Number: [redacted]
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	c. Storage rack anchorage installation.	Periodic	SI	ANSI/MH16.1 Section 7.3.2; Table 1705A.13.7
☐	d. Completed storage rack system to indicate compliance with the approved construction documents.	Periodic	SI*	Table 1705A.13.7; * May be preformed by the project inspector when specifically approved by DSA.

	S/A11. Other Steel			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a.			

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123389
DSA File Number: [redacted]
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

	Test or Special Inspection	Type	Performed By	Code References and Notes
	S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Continuous	SI	Table 1705A.2.1 Items 5a.1–4; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.
☐	b. Inspect single-pass fillet welds ≤ 5/16".	Periodic	SI	Table 1705A.2.1 Item 5a.5; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3.
☐	c. Inspect end-welded studs (ASTM A-108) installation (including bend test).	Periodic	SI	2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.
☐	d. Inspect floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.
☐	e. Inspect welding of structural cold-formed steel.	Periodic	SI*	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
☐	f. Inspect welding of stairs and railing systems.	Periodic	SI*	1705A.2.1; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA.
☐	g. Verification of reinforcing steel weldability.	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
☐	h. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC

Application Number: 04-123389
DSA File Number: PC-101
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

2022 CBC

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2022 CBC).

**NOTE: Undefined section and table references found in this document are from the CBC, or California Building Code.

KEY TO COLUMNS

1. TYPE	2. PERFORMED BY
Continuous – Indicates that a continuous special inspection is required Periodic – Indicates that a periodic special inspection is required Test – Indicates that a test is required	GE (Geotechnical Engineer) – Indicates that the special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative. LOR (Laboratory of Record) – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CAC Section 4-335. PI (Project Inspector) – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA. SI (Special Inspection) – Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123389
DSA File Number: [redacted]
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

	S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☑	a. Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements.	Periodic	*	Table 1705A.2.1 Item 3a–3c. 2202A.1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5, AISI S220-20 Sections A4 & A6. * By special inspector or qualified technician when performed off-site.
☑	b. Test unidentified materials	Test	LOR	2202A.1.
☐	c. Examine seam welds of HSS shapes	Periodic	SI	DSA IR 17-3.
☑	d. Verify and document steel fabrication per DSA-approved construction documents.	Periodic	SI	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).
☐	e. Buckling restrained braces.	Test	LOR	Testing and special inspections in accordance with IR 22-4.

	S/A2. HIGH-STRENGTH BOLTS:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents.	Periodic	SI	Table 1705A.2.1 Items 1a & 1b; 2202A.1; AISC 360-16 Section A3.3, J3.1, and N3.2; RCSC 2014 Section 1.5 & 2.1; DSA IR 17-8 & DSA IR 17-9.
☐	b. Test high-strength bolts, nuts and washers.	Test	LOR	Table 1705A.2.1 Item 1c, 2213A.1; RCSC 2014 Section 7.2; DSA IR 17-8.
☐	c. Bearing-type ("snug tight") connections.	Periodic	SI	Table 1705A.2.1 Item 2a, 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Section 9.1; DSA IR 17-9.
☐	d. Pretensioned and slip-critical connections.	*	SI	Table 1705A.2.1 Items 2b & 2c, 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, M2.5 & N5.6; RCSC 2014 Sections 9.2 & 9.3; DSA IR 17-9. **Continuous" or "Periodic" depends on the tightening method used.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123389
DSA File Number: [redacted]
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

	Test or Special Inspection	Type	Performed By	Code References and Notes
	S/A3. WELDING:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☑	a. Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS.	Periodic	SI	1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3.
☑	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
☑	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.

	S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Continuous	SI	Table 1705A.2.1 Items 5a.1–4; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
☒	b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
☐	c. Inspect welding of stairs and railing systems.	Periodic	SI	1705A.2.1; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3, DSA IR 17-3.
☐	d. Verification of reinforcing steel weldability other than ASTM A706.	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
☐	e. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123389
DSA File Number: [redacted]
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

	Test or Special Inspection	Type	Performed By	Code References and Notes
	S/A6. NONDESTRUCTIVE TESTING:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Ultrasonic	Test	LOR	1705A.2.3, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	b. Magnetic Particle	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	c.	Test	LOR	

	S/A7. STEEL JOISTS AND TRUSSES:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joist.	Continuous	SI	1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only, 1705A.2.4; AWS D1.3 for cold-formed steel trusses.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMNINUM), 2022 CBC

1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-20; RCSC 2014; AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123389
DSA File Number: [redacted]
School Name: PC Pro Fab Construction Inc
Increment Number:
School District: NA
Date Created: 2023-05-27 15:03:43

	S/A8. SPRAYED FIRE-RESISTANT MATERIALS:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Examine structural steel surface conditions, inspect application, take samples, measure thickness and verify compliance of all aspects of application with DSA-approved documents.	Periodic	SI	1705A.15, 1705A.1, 1705A.2, 1705A.3, 1705A.4.
☐	b. Test density.	Test	LOR	1705A.15.1, 1705A.15.5, ASTM E736
☐	c. Bond strength adhesion/cohesion.	Test	LOR	1705A.15.1, 1705A.15.4, ASTM E605

	S/A9. ANCHOR BOLTS AND ANCHOR RODS:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Anchor Bolts and Anchor Rods	Test	LOR	Sample and test anchor bolts and anchor rods not readily identifiable per procedures noted in DSA IR 17-11.
☐	b. Threaded rod not used for foundation anchorage.	Test	LOR	Sample and test threaded rods not readily identifiable per procedures noted in DSA IR 17-11.

	S/A10. STORAGE RACK SYSTEMS:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Materials used, to verify compliance with one or more of the material test reports in accordance with the approved construction documents.	Periodic	SI	Table 1705A.13.7
☐	b. Fabricated storage rack elements.	Periodic	SI	1704A.2.5; Table 1705A.13.7

SAMPLE DSA 103-22

NOTE:
REFER TO DSA-103 FORM FOR ALL STRUCTURAL TESTING & SPECIAL INSPECTION REQUIREMENTS. IN THE EVENT OF A CONFLICT BETWEEN THE DRAWINGS, SPECIFICATIONS, AND DSA-103 FORM, THE MORE STRINGENT REQUIREMENT SHALL APPLY."

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC: A
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

SPARC DESIGN
3826 TANZANITE CT., PERRIS, CA 92570
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LICENSED ARCHITECT
JEFF F. SHIVELY
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PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

PROJECT INFORMATION

Pre-Check (PC)
Metal Ramp and Landing

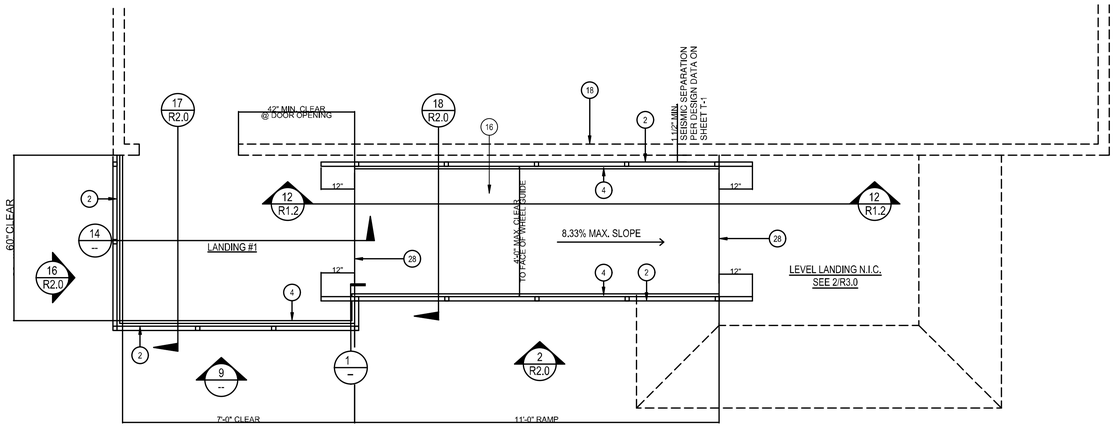
PRO-FAB CONSTRUCTION INC.

17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

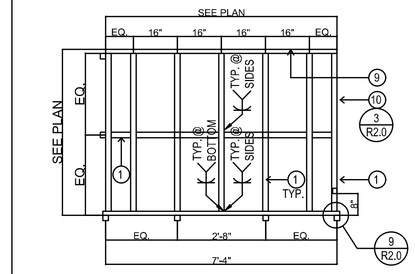
DESCRIPTION
DATE
REV #

SHEET TITLE
DSA 103
SPECIAL INSPECTIONS

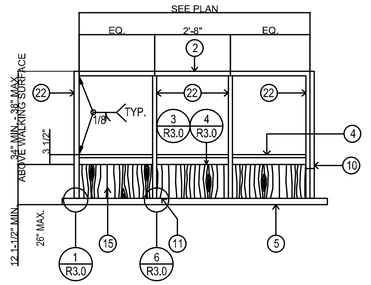
SHEET #
MR-G-1



METAL RAMP AND LANDING LAYOUT @ BUILDING — 1/2" — 8



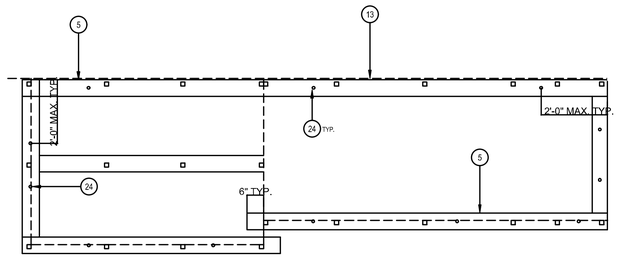
LANDING FRAME #1 — 1/2" — 4



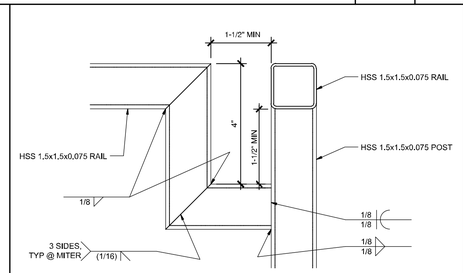
LANDING ELEVATION — 1/2" — 9

KEY NOTES

1. TS 2" X 2" X16 ga (SPACING AS NOTED ON PLAN)
2. TS 1-1/2" X 1-1/2" X 12 ga.
3. TS 1-1/2" X 1-1/2" X 12 ga.
4. TS 1-1/2" X 1-1/2" X 16 ga. WHEEL CHAIR GUIDE
5. 2 X 6 PT SILL PLATE.
6. 2 X 2 NAILER WITH 16d @ 12" O.C.
7. NOT USED
8. 6" X 10ga. CONTINUOUS PLATE WITH 1/4" X 2" TEK SCREWS @ 9" O.C. INTO WOOD OR FOUNDATION BLOCKS OR #14 X 2" TEK SCREWS INTO STEEL @ 9" O.C. AS REQUIRED.
9. 6" X 12" X 10ga. PLATE WITH 2 - 1/4" X 3" LAGS TO STRUCTURAL FRAME OF BUILDING.
10. 3" X 1" X 3'-0" X 10 ga. BENT PLATE.
11. 2-1/2" X 4-3/4" X 1/4" BASE PLATE WITH 2 - 3/8" X 1" LAGS (TO BE GALV. WHEN IN PT WOOD)
12. 6" X 10" X 12ga. BASE PLATE @ RAMPT TOE.
13. LINE OF RAMP/LANDING ABOVE.
14. LOWER LANDING BY DISTRICT.
15. SKIRTING: PLYWOOD TO MATCH BUILDDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d @ 6" O.C. EDGES AND 12" O.C. FIELD. AT EDGE CONNECTION TO TS, USE #14 X 2" TEK SCREWS @ 6" O.C.
16. 12ga. METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR.
17. RAMP LANDING BY OTHER. (2 / R3.0)
18. EXISTING BUILDING.
19. CAULKING.
20. 26ga. FLASHING.
21. RAMP AND LANDING OPTION
22. TS 1-1/2" X 1-1/2" X 12ga. @ 4'-0" O.C. MAX.
23. 3/8" DIA. X 2" LONG MB WITH NUT & WASHERS
24. 1" DIA. HOT DIPPED GALVANIZED STD. PIPE ANCHOR @ 10'-0" MAX. O.C. AND 2'-0" MAX. FROM END OF SILL PLATE, TYP.
25. NOT USED.
26. NOT USED.
27. NOT USED.
28. FLUSH TRANSITION. (11 / R3.0)

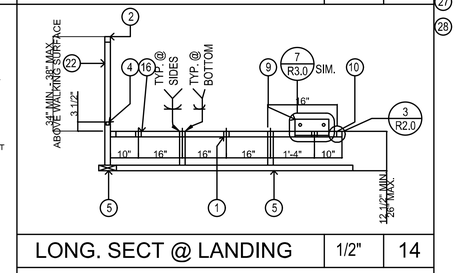


SILL PLAN FOR RAMP AND LANDING — 1/2" — 16

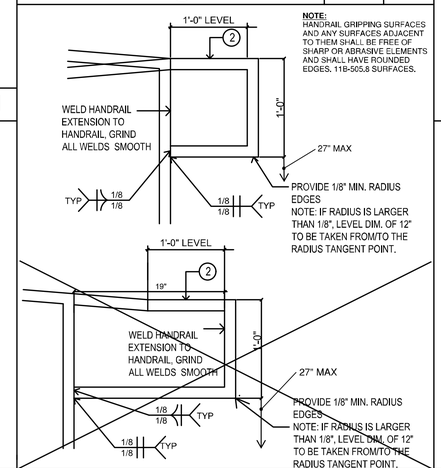


NOTE:
11B-505.6 GRIPPING SURFACE. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES.

RAIL NOTCH DETAIL — 1

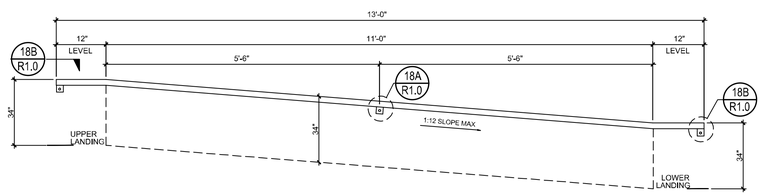


LONG. SECT @ LANDING — 1/2" — 14

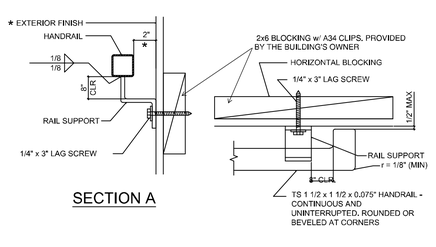


NOTE:
HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES, 11B-505.8 SURFACES.

GUARD RAIL EXTENSION — 1-1/2" — 19



OPTIONAL HANDRAIL @ BUILDING — 3/4" — 17



NOTE (★)
1. PROVIDE SMOOTH SURFACES WITH NO SHARP CORNERS, PER CBC 11B-505.8 WALL TO BE SMOOTH AND TO EXTEND 8" ABOVE HANDRAIL

HANDRAIL CONNECTION — 3" — 18

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 08/20/2026

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DIV. OF THE STATE ARCHITECT
APP: 04-123389 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 05/22/2024

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

SPARC DESIGN
3826 TANZANITE CT., PERRIS, CA 92570
WWW.SPARCDESIGNGROUP.COM | 951.293.4526

JOHN F. SHIVELY — No. C-33967 — REN: 31/01/2025 — STATE OF CALIFORNIA — LICENSED ARCHITECT

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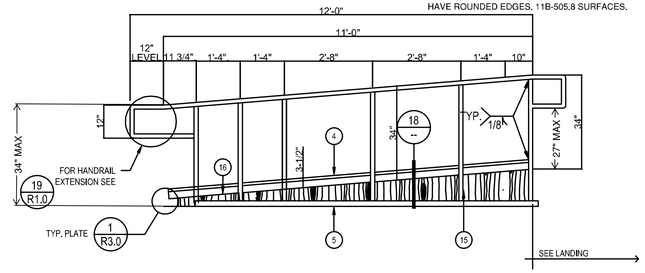
PROJECT INFORMATION
PMO-FAB CONSTRUCTION INC
Pre-Check (PC) Metal Ramp and Landing
17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

REV #
DATE
DESCRIPTION

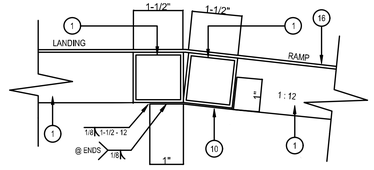
SHEET TITLE
METAL RAMP AND LANDING
PLANS AND DETAILS

SHEET #
MR-R1.0

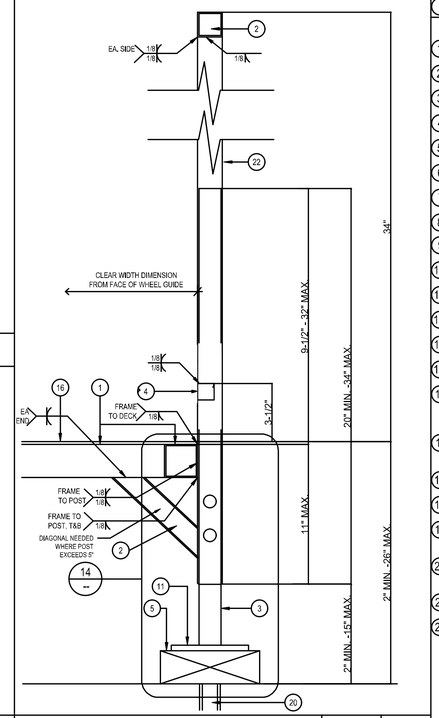
NOTE:
HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES. 11B-505.8 SURFACES.



RAMP ELEVATION | 1/2" | 2



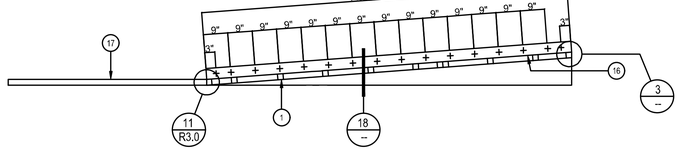
LANDING TO RAMP | 6" | 3



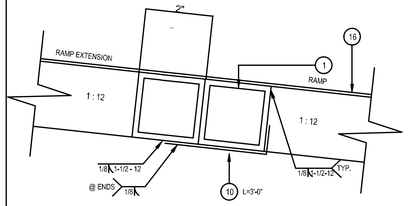
ADJUSTABLE LEG | 3" | 9

KEY NOTES

1. TS 2" X 2" X16 ga (SPACING AS NOTED ON PLAN)
2. TS 1-1/2" X 1-1/2" X 12 ga. DIAGONAL BRACE @ 1:1 SLOPE
3. TS 1-1/4" X 1-1/4" X 12 ga.
4. TS 1-1/2" X 1-1/2" X 12 ga. WHEEL CHAIR GUIDE
5. 2 X 6 PT SILL PLATE.
6. 2 X 2 NAILER WITH 16d @ 12" O.C.
7. NOT USED
8. NOT USED.
9. NOT USED
10. 3" X 1" X 3'-0" X 10ga. BENT PLATE.
11. 4-1/2" X 4-3/4" X 1/4" BASE PLATE WITH 2 - 3/8" X 1" GALVANIZED LAGS.
12. NOT USED
13. NOT USED
14. NOT USED
15. SKIRTING: PLYWOOD TO MATCH BUILDDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d @ 6" O.C. EDGES AND 12" O.C. FIELD. AT EDGE CONNECTION TO TS, USE #14 X 2" TEK SCREWS @ 6" O.C.
16. 12ga. METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR.
17. RAMP LANDING BY OTHER. (2 / R3.0)
18. EXISTING BUILDING.
19. NOT USED
20. 1" DIA. HOT DIPPED GALVANIZED STD. PIPE ANCHOR @ 10'-0" MAX. O.C. AND 2'-0" MAX. FROM END OF SILL PLATE, TYP. 12" MIN. PENETRATION DEPTH
21. 3/8" DIA. X 2" LONG MB WITH NUT & WASHERS
22. TS 1-1/2" X 1-1/2" X 12ga. @ 4'-0" O.C. MAX.

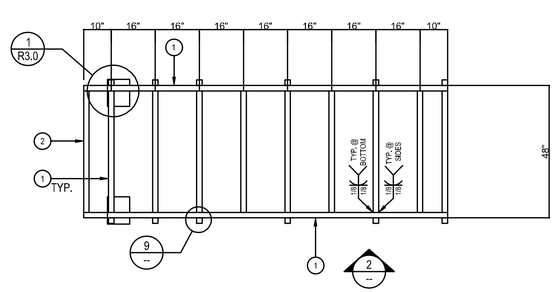


LONGITUDINAL SECTION @ RAMP | 1/2" | 7

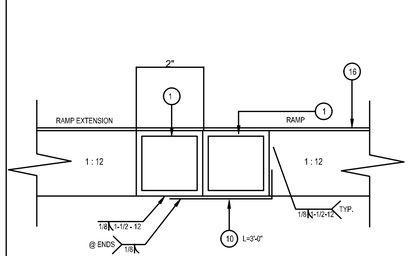


RAMP EXTENSION TO RAMP | 6" | 8

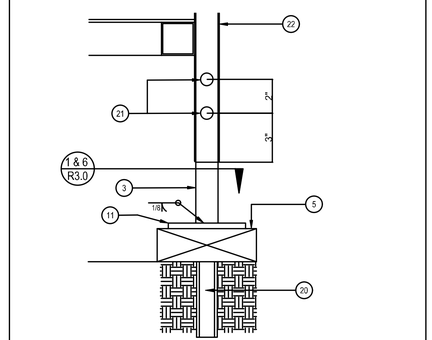
ADJUSTABLE LEG | 3" | 14



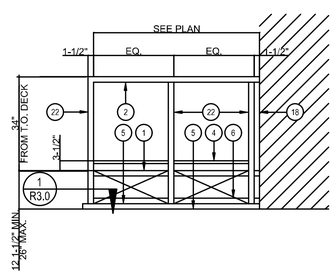
RAMP FRAME | 1/2" | 12



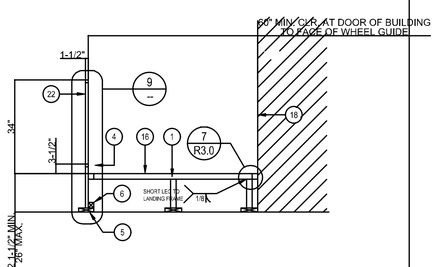
LANDING TO LANDING DECK | 6" | 13



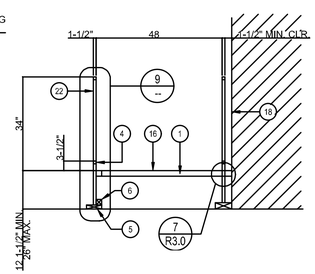
ADJUSTABLE LEG | 3" | 14



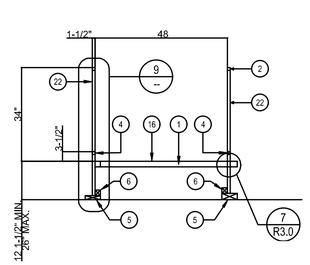
END ELEVATION | 1/2" | 16



SECTION AT LANDING | 1/2" | 17



SECTION AT RAMP | 1/2" | 18



SECTION AT RAMP | 1/2" | 19

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
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DATE: 08/20/2026

SPARC DESIGN
3826 TANZANITE CT., PERRIS, CA 92570
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DIV. OF THE STATE ARCHITECT
APP: 04-123389 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐ CG ☐
DATE: 05/22/2024
PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

PROJECT INFORMATION

Pre-Check (PC) Metal Ramp and Landing

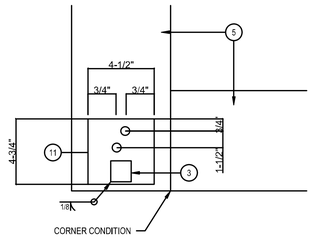
FAB CONSTRUCTION INC

17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

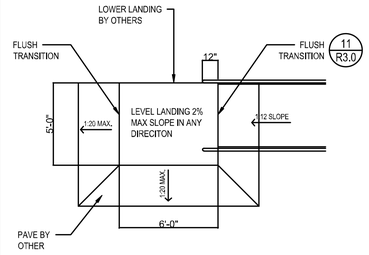
REV # | DATE: | DESCRIPTION
1
2

SHEET TITLE: METAL RAMP DETAILS

SHEET #: MR-R2.0

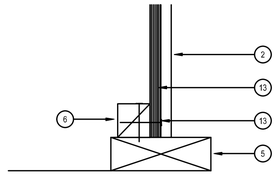


ADJUSTABLE LEG BASE PLATE	3"	1

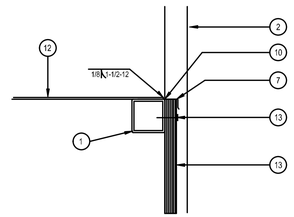


NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS.
TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY OTHER.

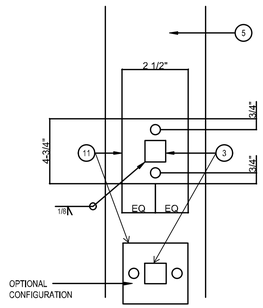
RAMP TRANSITION	1/4"	2



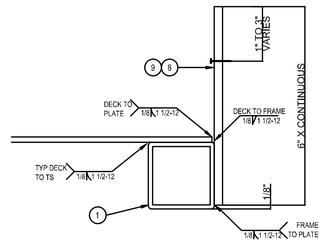
SKIRT @ SILL PLATE	3"	3



SKIRT FLASHING	3"	4

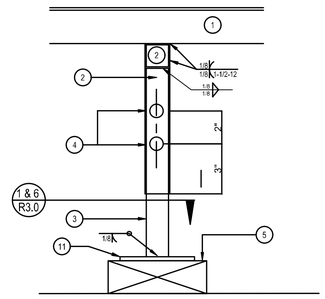


ADJUSTABLE LEG BASE PLATE	3"	6

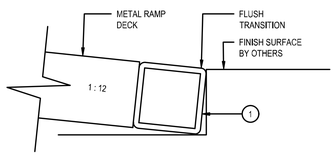


SECTION AT PLATE	6"	7

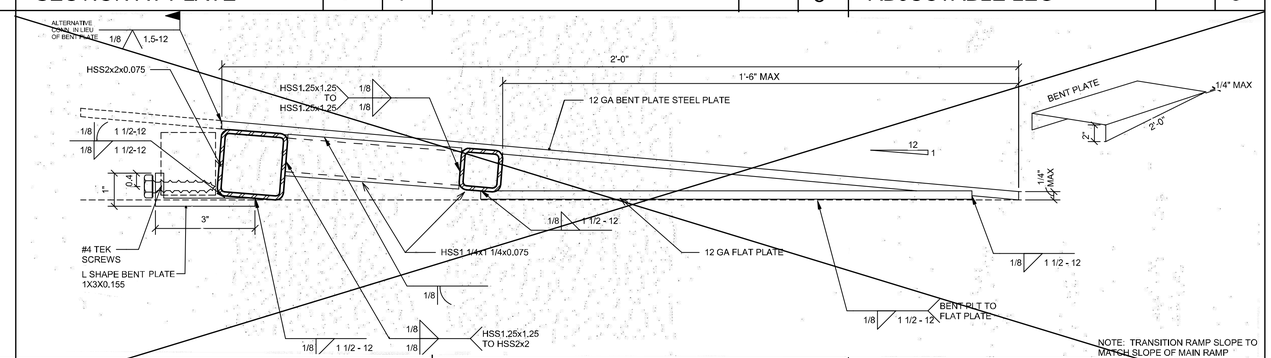
		8



ADJUSTABLE LEG		9



FLUSH TRANSITION AT LANDING	6"	11



ZERO TRANSITION RAMP SECTION VIEW	NTS	14

		16

		17

		18

		19

KEY NOTES

1. TS 2" X 2" X16 ga (SPACING AS NOTED ON PLAN)
2. TS 1-1/2" X 1-1/2" X 12ga.
3. TS 1-1/4" X 1-1/4" X 12ga.
4. 3/8" DIA. X 2" LONG MB WITH NUT & WASHERS
5. 2 X 6 PT SILL PLATE - BLOCK
6. 2 X 2 NAILER WITH 16d @ 12" O.C.
7. 26GA. FLASHING.
8. 6" X 10ga. CONTINUOUS PLATE WITH 1/4" X 2" TEK SCREWS @ 9" O.C. INTO WOOD OR FOUNDATION BLOCKS OR #14 X 2" TEK SCREWS INTO STEEL @ 9" O.C. AS REQUIRED.
9. 6" X 12" X 10ga. PLATE WITH 2 - 1/4" X 3" LAGS TO STRUCTURAL FRAME OF BUILDING.
10. CAULKING.
11. 4-1/2" X 4-3/4" X 1/4" BASE PLATE WITH 2 - 3/8" X 1" LAGS (TO BE GALV. WHEN IN PT WOOD)
12. 12GA. METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR.
13. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8D @ 6" O.C. EDGES AND 12" O.C. FIELD. AT EDGE CONNECTION TO TS, USE #14 X 2" TEK SCREWS @ 6" O.C.

APPROVALS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126207 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 08/22/2026

SPARC DESIGN
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LICENSED ARCHITECT
JOSE F. SPARCIA
No. C-33967
REN. 31/31/2025
STATE OF CALIFORNIA
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APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-123389 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐ CG ☐
DATE: 05/22/2024

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

PROJECT INFORMATION
Pre-Check (PC)
Metal Ramp
and
Landing
17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974
PRO FAB CONSTRUCTION INC

REV #
DATE:
DESCRIPTION

SHEET TITLE
METAL RAMP DETAILS

SHEET #
MR-R3.0