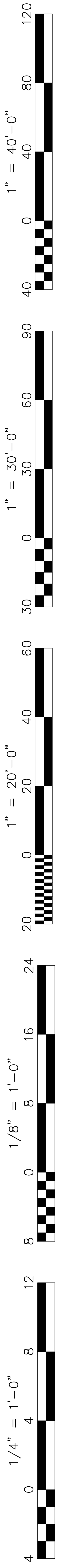

CESAR CHAVEZ ELEMENTARY SCHOOL
2 RELOCATABLE CLASSROOM
BAKERSFIELD CITY SCHOOL DISTRICT
4201 MESA MARIN DR.
BAKERSFIELD, CA 93306

NOTE:
THIS PROJECT SHALL NOT BE CERTIFIED UNTIL PROJECT APP#03-126207 IS CERTIFIED DUE TO FIRE ALARM SCOPE

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.'

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.

PROJECT DIRECTORY

OWNER:
DR. KARLING AGUILERA-FORT,
SUPERINTENDENT
BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST.
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6011 N. FRESNO SUITE #130
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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, SING, 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)

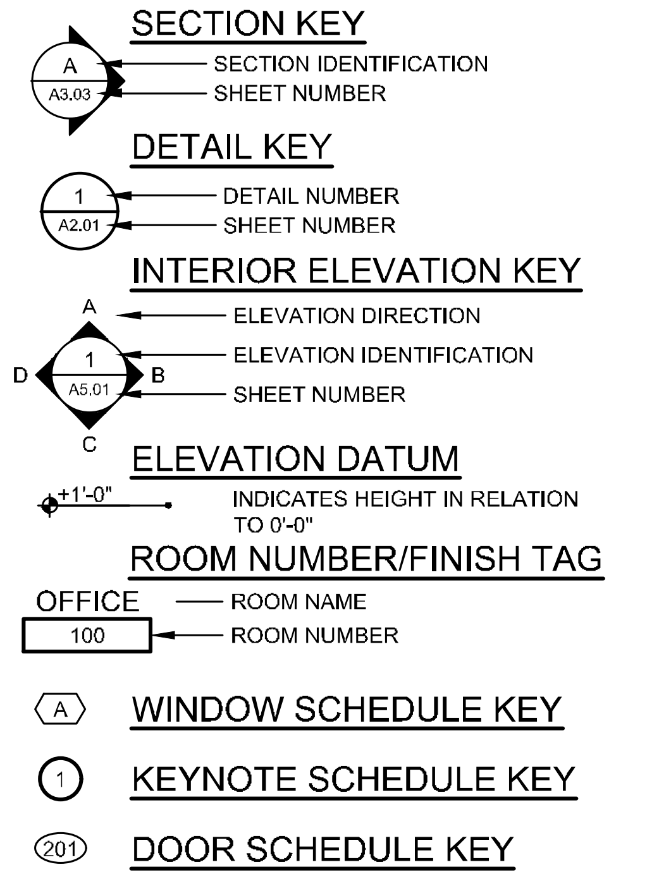
1.ALLOWABLE SOIL BEARING PRESSURE = 1,000 PSF

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



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.

SCOPE OF WORK

- (2) 24x40 RELOCATION CLASSROOM BUILDINGS, FROM STOCKPILE (SEE SHEET INDEX FOR DSA APP #S) AND CONSTRUCTION OF UTILITY SERVICES
- INFRASTRUCTURE IMPROVEMENTS FOR CLASSROOM BUILDINGS
- NEW FENCING, GATES & LANDSCAPE.

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 THE 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.

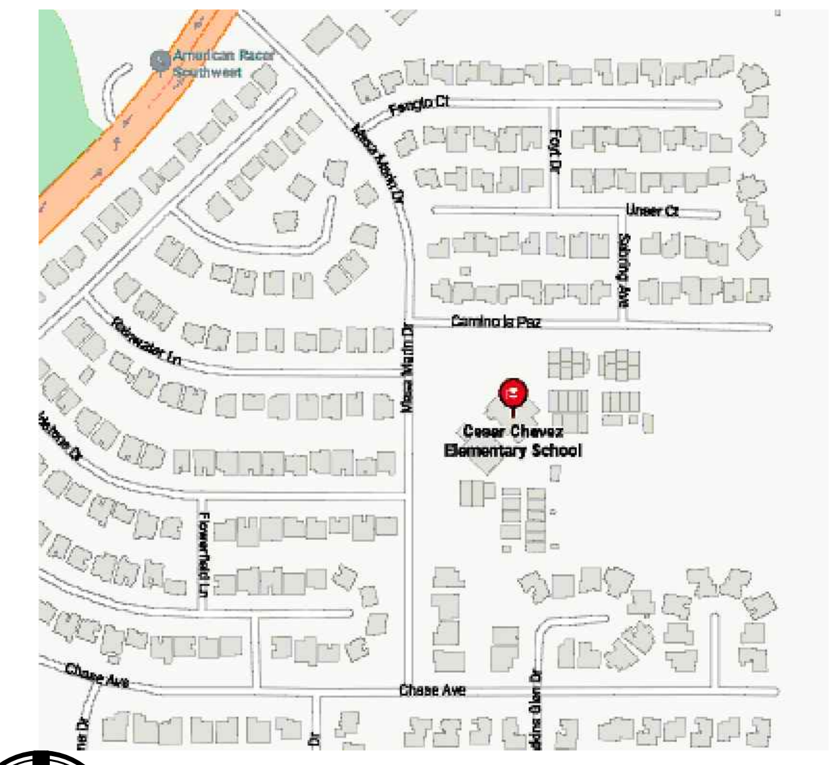
SIGNATURE OF THE ARCHITECT/ENGINEER
NAME, TITLE, AFFILIATION

DATE: 04/26/26

LICENSED NUMBER: C−28966

EXPIRATION DATE: 05/31/27

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 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2. CHANGES MADE TO THE APPROVED DRAWINGS AND SPECS SHALL BE MADE BY ADDENDUM OR C.C.D., APPROVED BY DSA AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, C.C.R.
3. REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL PERTINENT INFORMATION.
4. DSA ACCEPTED TESTING LABORATORY TO BE DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT
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.
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 BEING INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA.

SHEET INDEX

SHT. NO.	DESCRIPTION
	GENERAL
T1.00	TITLE SHEET
	1 SHEET
	CIVIL
C1.0	GRADING PLAN KEY MAP
C1.1	GRADING PLAN CLASSROOMS & PATH OF TRAVEL
C1.2	GRADING PLAN PATH OF TRAVEL
C1.3	GRADING PLAN NOTES
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
	9 SHEETS
	ARCHITECTURAL
A1.00	FIRE AUTHORITY SITE PLAN
A1.02	ENLARGED DEMOLITION SITE PLAN
A1.03	ENLARGED SITE PLAN
A1.04	SITE DETAILS
A1.05	SITE DETAILS
	5 SHEETS
	ELECTRICAL
EG1.00	ELEC. SYMBOLS, CODES & NOTES
ES1.00	SITE ELECTRICAL PLAN
ES1.01	ENLARGED SITE ELECTRICAL PLAN
E1.00	FIRE ALARM PLANS
E1.01	F.A. SYSTEM SPECS, CODES AND NOTES
E1.02	F.A. SYSTEM RISER DIAGRAM
E1.03	F.A. SYSTEM DETAILS AND CALCS
E2.00	SIGNALS PLAN
E3.00	ONE LINE DIAGRAM
	9 SHEETS

SHT. NO.	DESCRIPTION
	BUILDING 28 #04-104812 MODTECH
28-A0.01	COVER SHEET
28-A1.01	FLOOR PLAN
28-A2.02	ROOF PLAN - 26 GA. MONO PITCH
28-A2.03	ROOFING DETAILS
28-A3.11	EXTERIOR ELEVATIONS
28-A6.01	ARCHITECTURAL DETAILS - WOOD STUDS
28-F1.01	FOUNDATION PLAN (24'x40') WOOD 50, 50+20, 100 PSF
28-F1.21	FOUNDATION DETAILS WOOD 50, 50+20, 100 PSF
28-S3.02	STRUCTURAL FRAMING - 26 GA. MONO PITCH
28-R1.01	RAMP / LANDING
28-R1.02	RAMP / LANDING DETAILS 11 SHEETS
	BUILDING 29 #04-100596 MODTECH
29-A0.0	COVER SHEET
29-A1.0	FLOOR PLAN - 24'x40'
29-AA2.0	ROOF PLAN
29-A3.0	EXTERIOR ELEVATIONS - 26 GA. MONO PITCH - 24'x40'
29-F0.2	FOUNDATION PLAN (24'x40') 50+20 PSF
29-F3.0	FOUNDATION DETAILS (WOOD)
29-S4.0	STRUCTURAL DETAILS
29-R1.0	RAMP / LANDING 8 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 48 SHEETS

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/FT^2
CONDITIONED FLOOR AREA (CFA):	960 SF
kW_{PVDC}= (CFA X A)/1000 =	
(960 X 1.63)/1000	= 1.56kW_{PVDC}

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

BUILDING DATA

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

2 (N) CLASSROOMS @ 960 S.F. (24'x40')	= 1,920 S.F.
4 (E) 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.

PER 2025 C.B.C. TABLE 503:
ALLOWABLE AREA = 9,500 S.F.
6,768 PROPOSED < 9,500 ALLOWABLE = OK

OCCUPANT LOAD (CBC TABLE 1004.5
5,760 SF @ 20 SF PER STUDENT = 288 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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:
2 RELOCATABLE CLASSROOM

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

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by SOMAM, Inc.
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ENGINEERING
INTERIOR DESIGN

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Ownership of Documents

Stamp:
LICENSED ARCHITECT
CURTIS E. FLYNN
No. C 28966
REN. 5-31-27
STATE OF CALIFORNIA

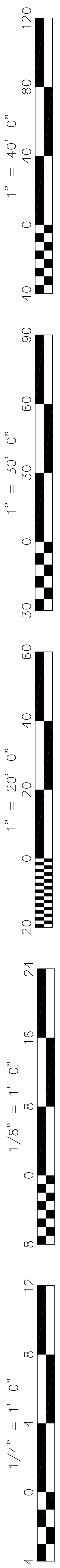
Sheet Title:
TITLE SHEET

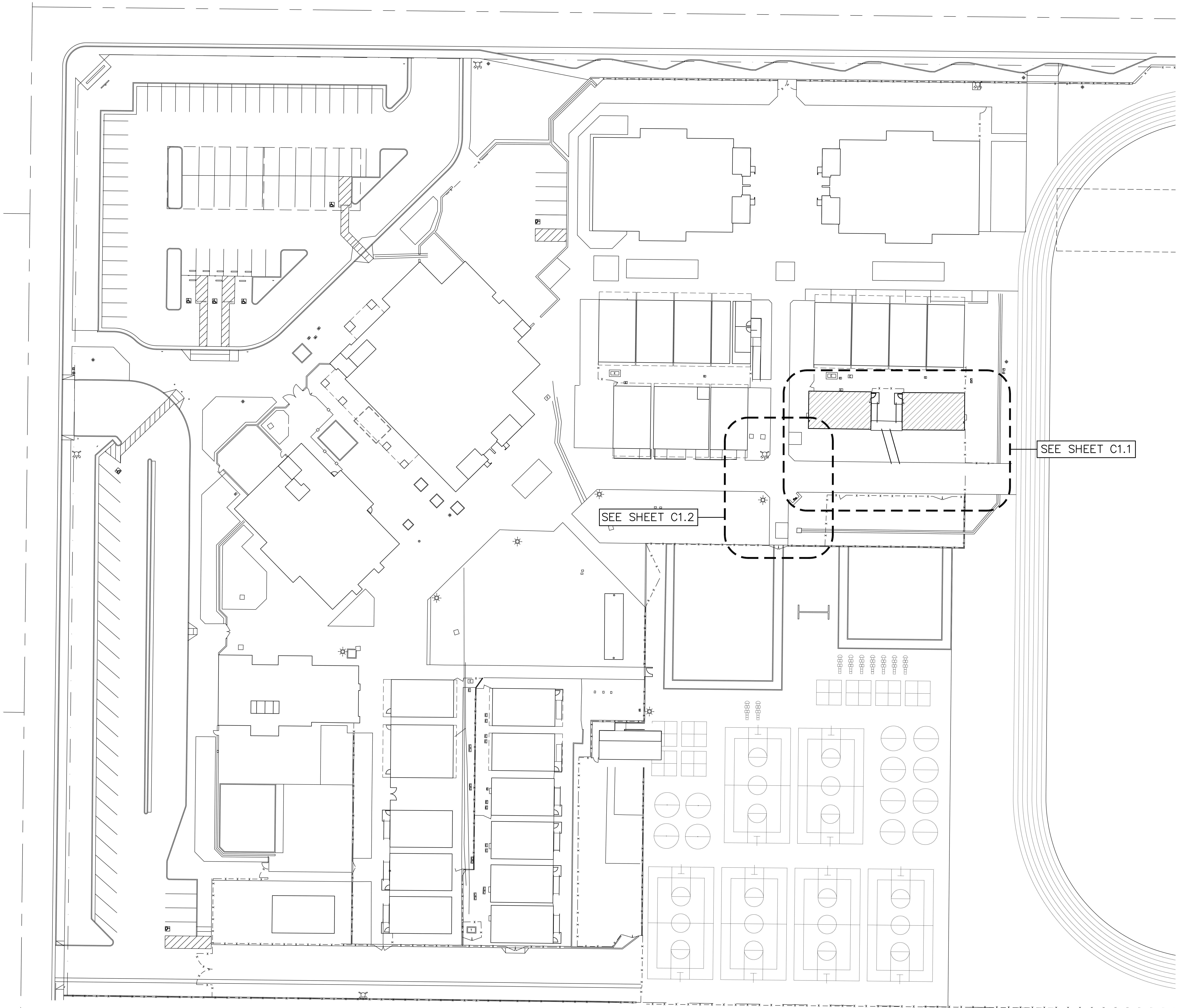
Job No.: 5682.2

Sheet No.: T1.00

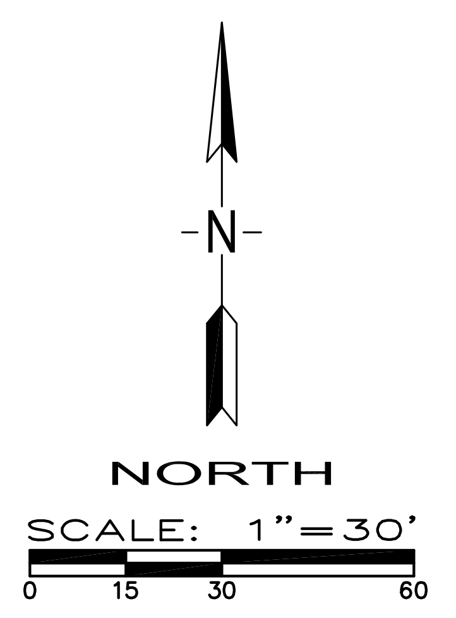
Release: DSA SUBMITTAL

Issue Dat
8/31/26





GRADING PLAN KEY MAP



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4733 Centennial Plaza Way, Suite A
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661.327.0362

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOMS

Project Address:

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

integrated designs
by SOMAM, Inc.

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INTERIOR DESIGN

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Stamp:

FRED W. PORTER III
RCE 74059
CIVIL

Sheet Title:

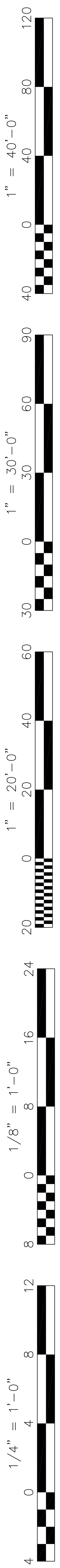
GRADING PLAN KEY MAP

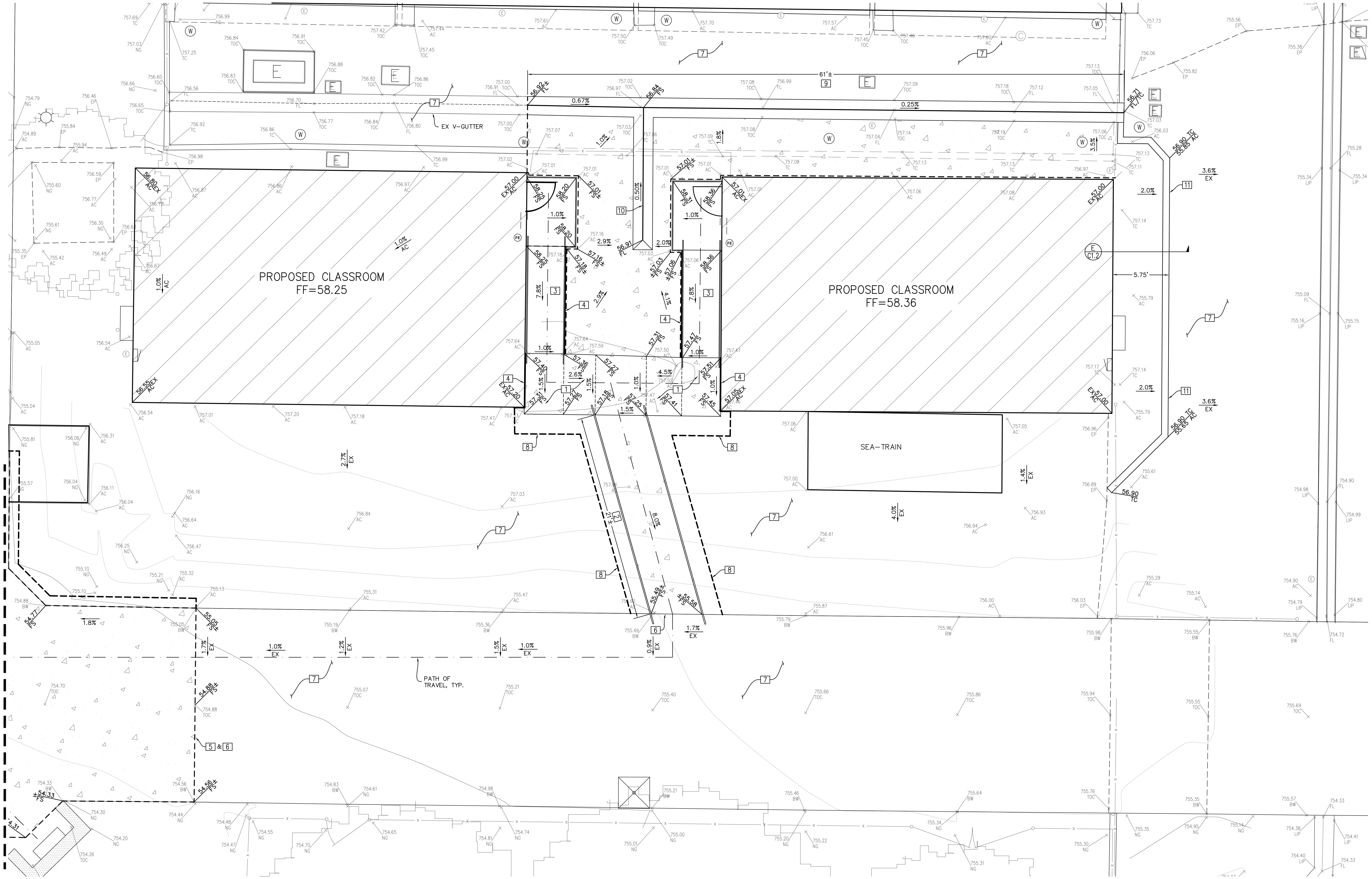
Job No.: **5682.2**

Sheet No.: **C1.0**

Release: DSA SUBMITTAL ISSUE DATE

J:\3410\Grading Plan\Phase 2\dwg MATTHEW CARSON 6/22/26





GRADING CONSTRUCTION NOTES

REMOVE EXISTING CONCRETE OR ASPHALT PAVEMENT 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.

1 CONSTRUCT MINIMUM 4" THICK CONCRETE WALK PER ARCHITECTURAL PLANS. COMPACT MINIMUM 6" OF SUB-GRADE TO 90% MAX DENSITY.

2 CONSTRUCT ACCESSIBLE RAMP PER ARCHITECTURAL PLANS.

3 CONSTRUCT ACCESSIBLE RAMP PER BUILDING MANUFACTURER PLANS.

4 INSTALL GALVANIZED FLASHING PER DETAIL A/C1.2 .

5 SAWCUT TO NEAT, CLEAN VERTICAL FACE AT NEAREST CONTROL JOINT.

6 MATCH EXISTING SIDEWALK GRADE.

7 EXISTING ASPHALT OR CONCRETE TO REMAIN, PROTECT IN PLACE.

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.

GRADING CONSTRUCTION NOTES CONT.

9 REMOVE EXISTING V-GUTTER AND CONSTRUCT 2' WIDE V-GUTTER PER DETAIL B/C1.2 .

10 CONSTRUCT 2' WIDE V-GUTTER PER DETAIL C/C1.2.

11 CONSTRUCT RETAINING CURB PER DETAIL D/C1.2 .

NOTES:

1. SEE ARCHITECTURAL SITE PLAN FOR ALL DIMENSIONS NOT SHOWN.
2. SEE ARCHITECTURAL PLANS FOR DEMOLITION PLAN.
3. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES. ADJUST ALL UTILITY BOXES TO REMAIN TO FINISH GRADE.
4. EXISTING UTILITIES ARE SHOWN BASED ON AVAILABLE RECORDS PROVIDED BY OWNER.
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	~	ON THIS SHEET
FG	FINISHED GROUND	MAX	MAXIMUM
FS	FINISHED SURFACE	MIN	MINIMUM
FP	FINISHED PAD	TYP	TYPICAL
FF	FINISHED FLOOR	EL or ELEV	ELEVATION
NG or OG	NATURAL/ORIGINAL GROUND	BDRY	BOUNDARY
EP	EDGE OF ASPHALT CONCRETE PAVEMENT	SF	SQUARE FEET
AC	TOP OF ASPHALT CONCRETE PAVEMENT	LF	LINEAR FEET
AB	AGGREGATE BASE	EA	EACH
CL	CENTERLINE	CY	CUBIC YARDS
FL	FLOWLINE	ESMT	EASEMENT
GB	GRADE BREAK	RW	RIGHT-OF-WAY
TOG	TOP OF GRATE/CATCH BASIN INLET	SD	STORM DRAIN
TOC	TOP OF CONCRETE	CB	CATCH BASIN
CONC	CONCRETE	SWR	SANITARY SEWER
BW	BACK OF SIDEWALK	MH	MANHOLE
TC	TOP OF CURB	WTR	WTR
±	MATCH EXISTING	G	GAS
		REQ'D	REQUIRED

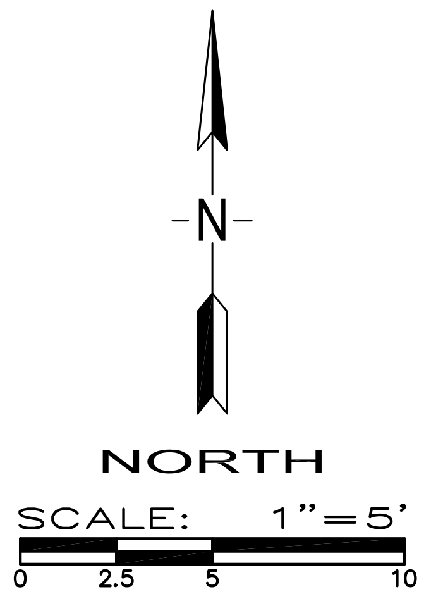
TOPOGRAPHIC SURVEY LEGEND:

―//―//―	EDGE OF PAVEMENT
―― – ――	STREET CENTERLINE
▬ ‒ ‒ ▬	STREET RIGHT-OF-WAY/PROPERTY LINE
―x―x―	EXISTING CHAIN-LINK FENCE
E	ELECTRICAL BOX
Ⓔ	ELECTRICAL GROUND ROD
©	SEWER CLEANOUT
I	IRRIGATION BOX
Ⓦ	WATER VALVE
I	WATER BOX
Ⓖ	GAS VALVE
―o―	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)



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DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOMS

Project Address:

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

integrated designs
by SOMAM, Inc.

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FRED W. PORTER
RCE 74059

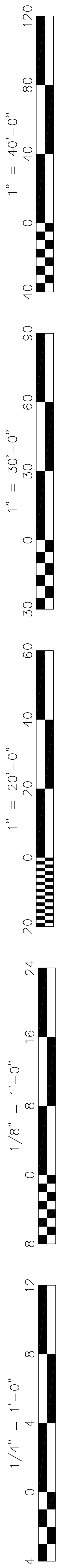
Sheet Title:

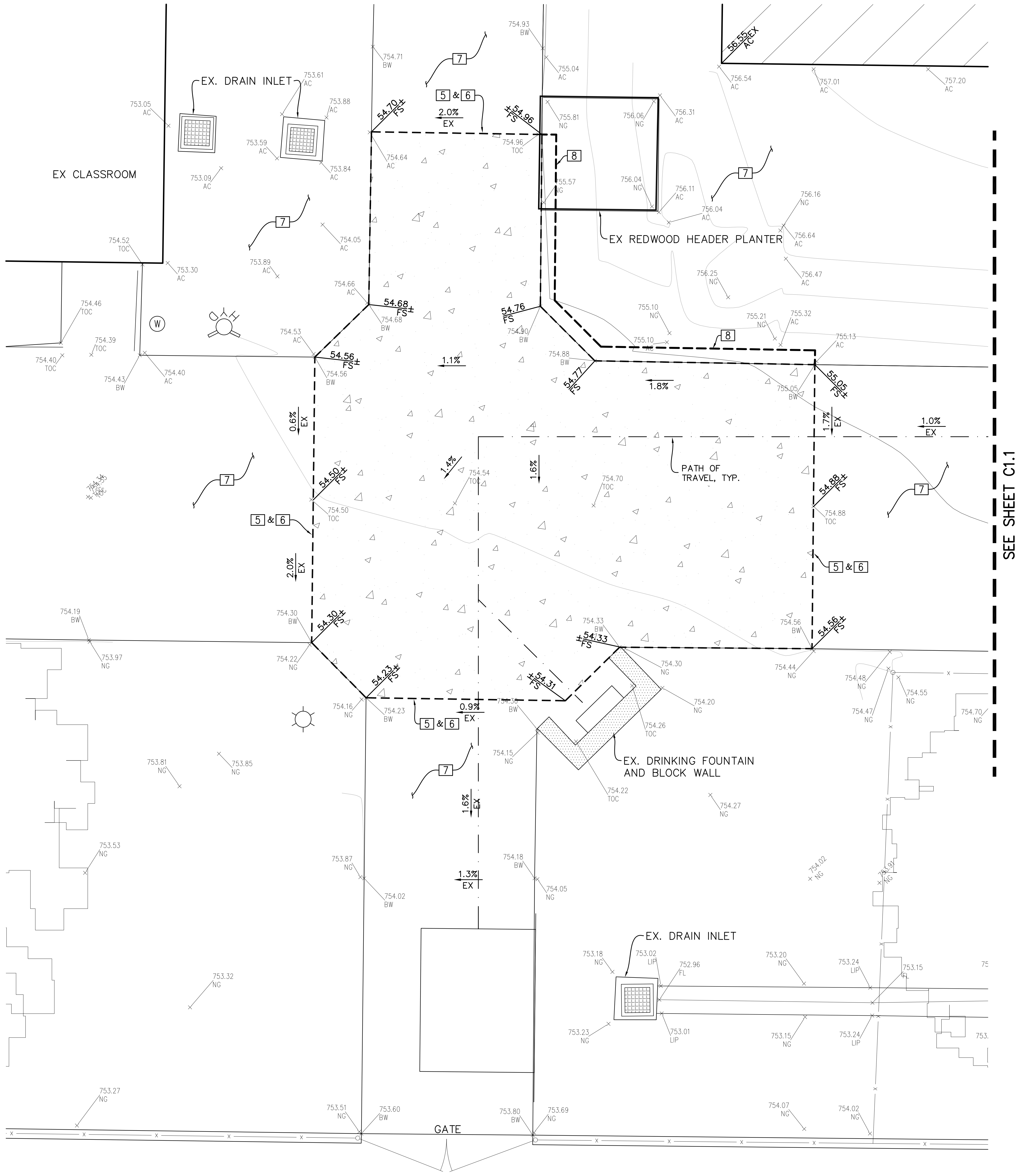
GRADING PLAN CLASSROOMS & PATH OF TRAVEL

Job No.: **5682.2**

Sheet No.: **C1.1**

Release: DSA SUBMITTAL ISSUE DATE





GRADING CONSTRUCTION NOTES

- ▨ REMOVE EXISTING CONCRETE OR ASPHALT PAVEMENT 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.
- 1 CONSTRUCT MINIMUM 4" THICK CONCRETE WALK PER ARCHITECTURAL PLANS. COMPACT MINIMUM 6" OF SUB-GRADE TO 90% MAX DENSITY.
- 2 CONSTRUCT ACCESSIBLE RAMP PER ARCHITECTURAL PLANS.
- 3 CONSTRUCT ACCESSIBLE RAMP PER BUILDING MANUFACTURER PLANS.
- 4 INSTALL GALVANIZED FLASHING PER DETAIL A/C1.2 .
- 5 SAWCUT TO NEAT, CLEAN VERTICAL FACE AT NEAREST CONTROL JOINT.
- 6 MATCH EXISTING SIDEWALK GRADE.
- 7 EXISTING ASPHALT OR CONCRETE TO REMAIN, PROTECT IN PLACE.
- 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.
- 9 REMOVE EXISTING V-GUTTER AND CONSTRUCT 2' WIDE V-GUTTER PER DETAIL B/C1.2 .
- 10 CONSTRUCT 2' WIDE V-GUTTER PER DETAIL C/C1.2.
- 11 CONSTRUCT RETAINING CURB PER DETAIL D/C1.2 .

NOTES:

1. SEE ARCHITECTURAL SITE PLAN FOR ALL DIMENSIONS NOT SHOWN.
2. SEE ARCHITECTURAL PLANS FOR DEMOLITION PLAN.
3. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES. ADJUST ALL UTILITY BOXES TO REMAIN TO FINISH GRADE.
4. EXISTING UTILITIES ARE SHOWN BASED ON AVAILABLE RECORDS PROVIDED BY OWNER.
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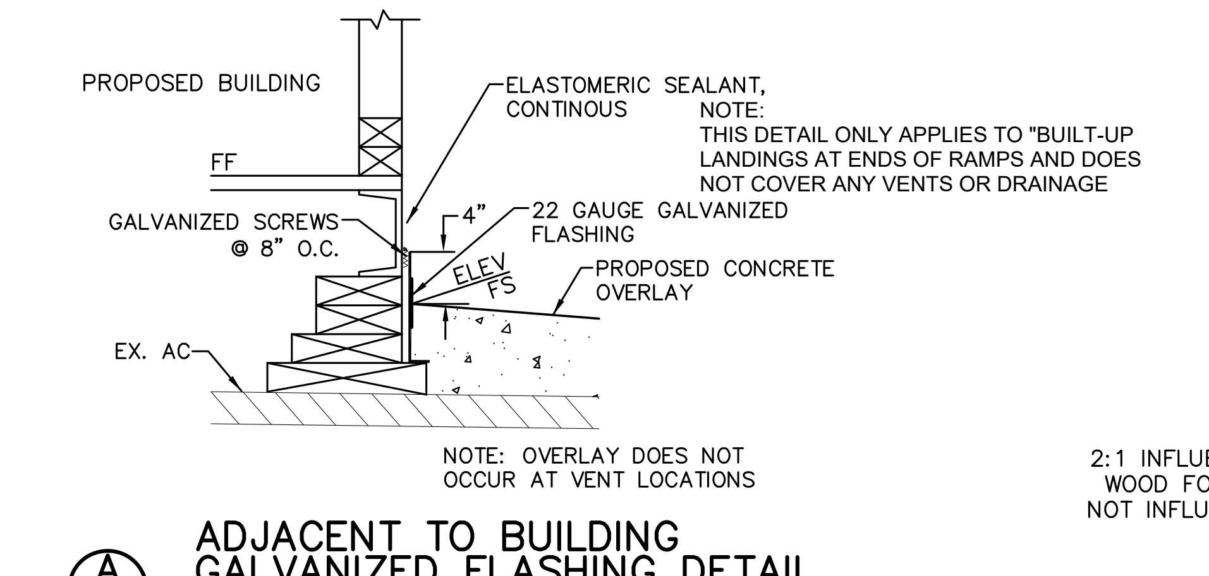
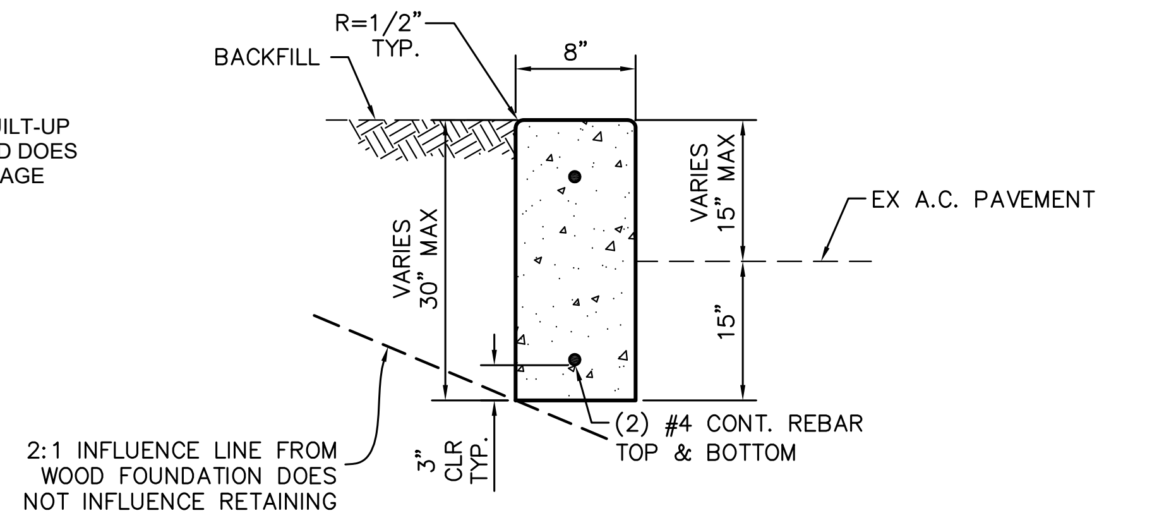
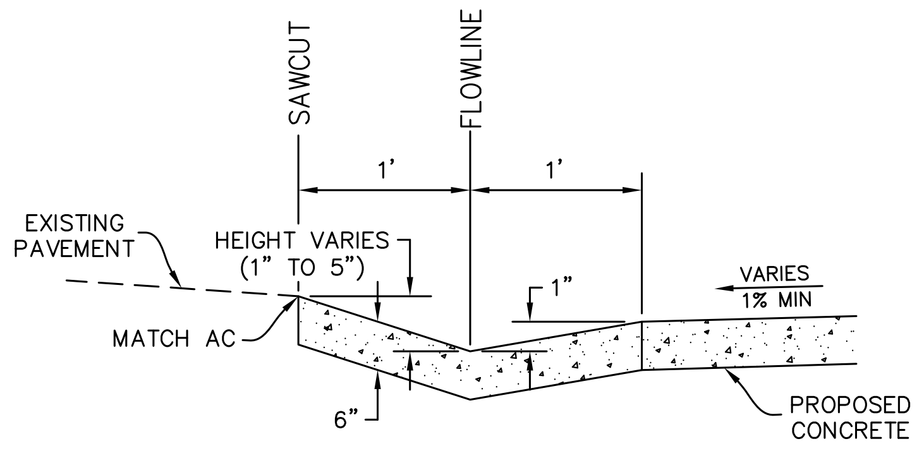
6. COORDINATE IRRIGATION REMOVAL/RELOCATION WITH OWNER.


PROPOSED BUILDING
ELASTOMERIC SEALANT, CONTINOUS
NOTE: THIS DETAIL ONLY APPLIES TO "BUILT-UP LANDINGS AT ENDS OF RAMPS AND DOES NOT COVER ANY VENTS OR DRAINAGE
FF
GALVANIZED SCREWS @ 8" O.C.
4"
22 GAUGE GALVANIZED FLASHING
ELEV FS
PROPOSED CONCRETE OVERLAY
EX. AC
NOTE: OVERLAY DOES NOT OCCUR AT VENT LOCATIONS

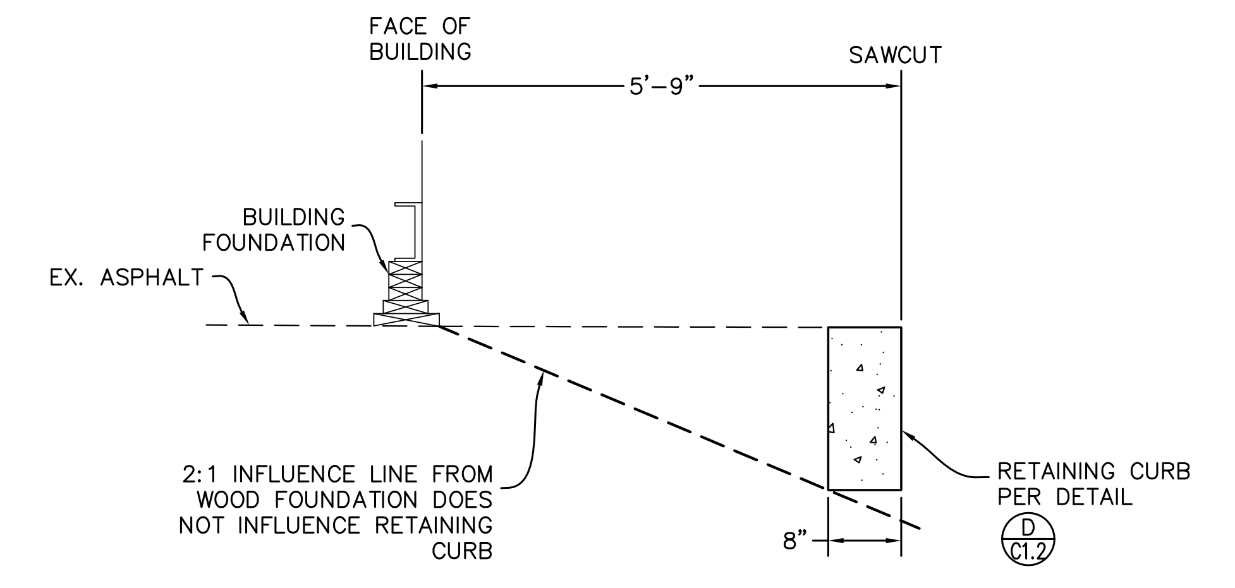
A ADJACENT TO BUILDING GALVANIZED FLASHING DETAIL
NTS


R=1/2" TYP.
8"
BACKFILL
EX A.C. PAVEMENT
VARIES 30" MAX
VARIES 15" MAX
15"
3" CLR TYP.
(2) #4 CONT. REBAR TOP & BOTTOM
2:1 INFLUENCE LINE FROM WOOD FOUNDATION DOES NOT INFLUENCE RETAINING CURB

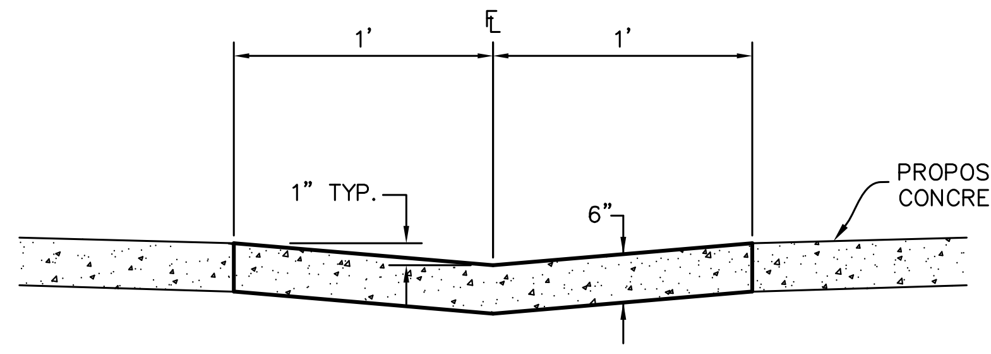
D RETAINING CURB
NTS



B B' WIDE CONCRETE "V" GUTTER
NTS


FACE OF BUILDING
5'-9"
SAWCUT
BUILDING FOUNDATION
EX. ASPHALT
2:1 INFLUENCE LINE FROM WOOD FOUNDATION DOES NOT INFLUENCE RETAINING CURB
RETAINING CURB PER DETAIL D/C1.2
8"

E TYPICAL SECTION
NTS



C 2' WIDE CONCRETE "V" GUTTER
NTS

TOPOGRAPHIC SURVEY LEGEND:

—//—	EDGE OF PAVEMENT
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—— – – ——	STREET RIGHT-OF-WAY/PROPERTY LINE
—x—x—	EXISTING CHAIN-LINK FENCE
E	ELECTRICAL BOX
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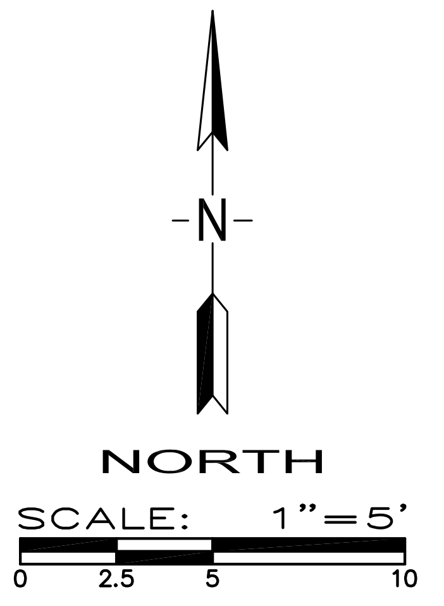

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REGISTERED PROFESSIONAL ENGINEER
FRED W. PORTER II
RCE 74059
CIVIL
STATE OF CALIFORNIA

Sheet Title:

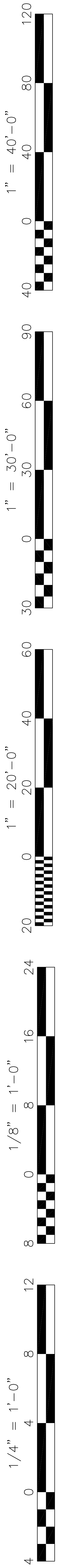
GRADING PLAN PATH OF TRAVEL

Job No.: **5682.2**

Sheet No.: **C1.2**

Release:	DSA SUBMITTAL	ISSUE DATE

J:\3410\Grading Plan\Phase 2\dwg MATTHEW CARSON 6/22/26



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% MAXIMUM GRADE.
3. PERPENDICULAR CURB RAMP SIDE SLOPES SHALL NOT EXCEED 10% GRADIENT.
4. SURFACE SLOPE OF RAMPS SHALL NOT EXCEED 8.33%.
5. ACCESSIBLE ROUTE SLOPES SHALL NOT EXCEED 5%, UNLESS CONSTRUCTED AS A RAMP AND HANDRAILS ARE PROVIDED.
6. ACCESSIBLE ROUTE CROSS SLOPES SHALL NOT EXCEED 2%.
7. RAMP LANDINGS SHALL NOT EXCEED 2% MAXIMUM GRADE IN ANY DIRECTIONS.
8. GRATINGS LOCATED WITHIN ACCESSIBLE ROUTES SHALL HAVE MAXIMUM 1/2" OPENINGS IN THE DIRECTION OF PEDESTRIAN TRAVEL.
9. TRANSITIONS ALONG ACCESSIBLE ROUTES SHALL BE FLUSH WITH CHANGES IN LEVEL NO GREATER THAN ½". CHANGES IN LEVEL BETWEEN ¼" AND ½" SHALL BE BEVELED WITH A MINIMUM GRADIENT OF 1:2. CHANGES IN LEVEL BETWEEN 0" AND ¼" MAY BE VERTICAL.
10. EXCEPT BETWEEN SIDEWALKS AND ADJACENT STREETS OR DRIVEWAYS, ABRUPT CHANGES IN LEVEL EXCEEDING 4" ALONG A PATH OF TRAVEL SHALL BE PROTECTED BY A WARNING CURB A MINIMUM OF 6" IN HEIGHT ABOVE THE WALKWAY SURFACE. A WARNING CURB IS NOT REQUIRED WHEN A GUARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2" MINIMUM AND 4" MAXIMUM ABOVE THE WALKWAY SURFACE.
11. ALL ACCESSIBLE DOORS SHALL HAVE LEVEL LANDINGS IN ACCORDANCE WITH CALIFORNIA BUILDING CODE, CURRENT EDITION.
12. ACCESSIBLE PARKING STALLS AND LOADING AISLES SHALL NOT EXCEED 2% MAXIMUM GRADE IN ANY DIRECTION.

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DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOMS

Project Address:

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

integrated designs
by SOMAM, Inc.

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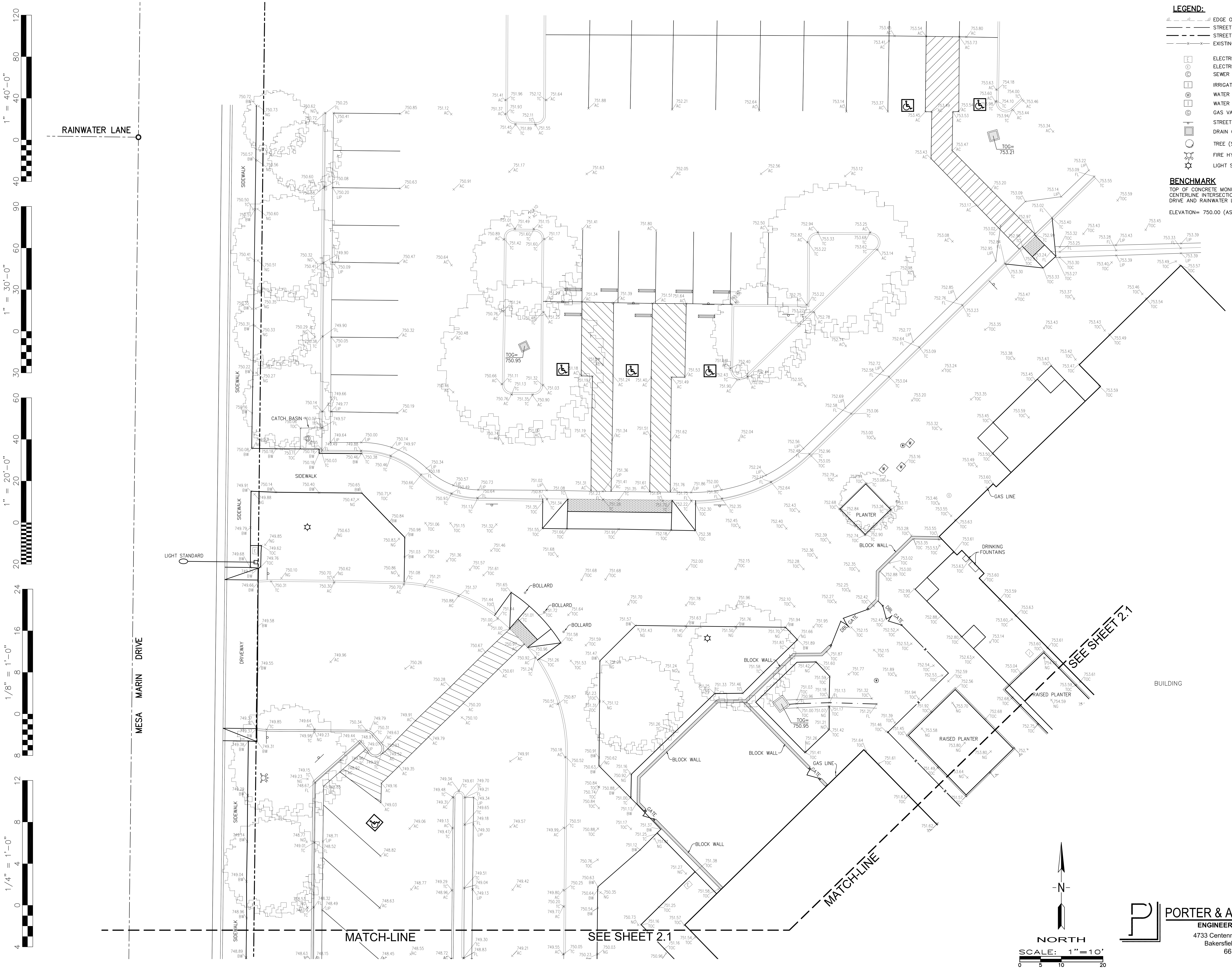
GRADING PLAN NOTES

Job No.: **5682.2**

Sheet No.: **C1.3**

Release: DSA SUBMITTAL ISSUE DATE

J:\3410\Grading Plan\Phase 2\dwg MATTHEW CARSON 6/22/26



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)

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Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: **5682.2**

Sheet No.: **C2.0**

Release:	DSA SUBMITTAL	ISSUE DATE
		6/11/26

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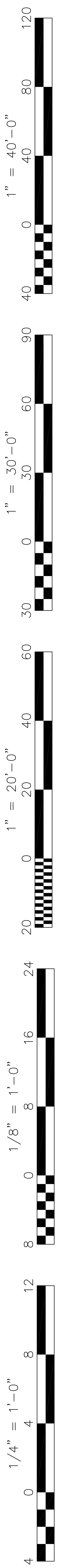

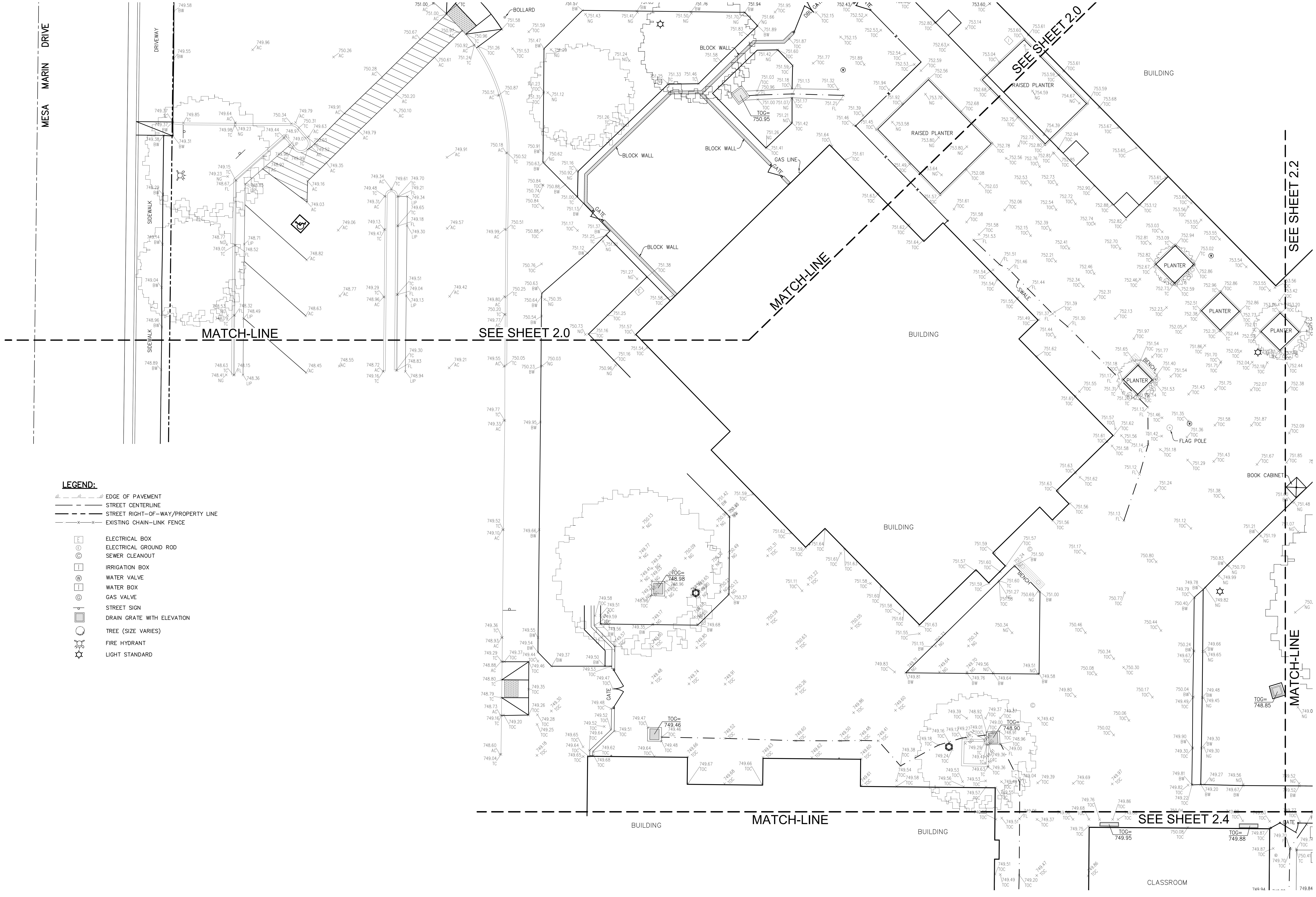

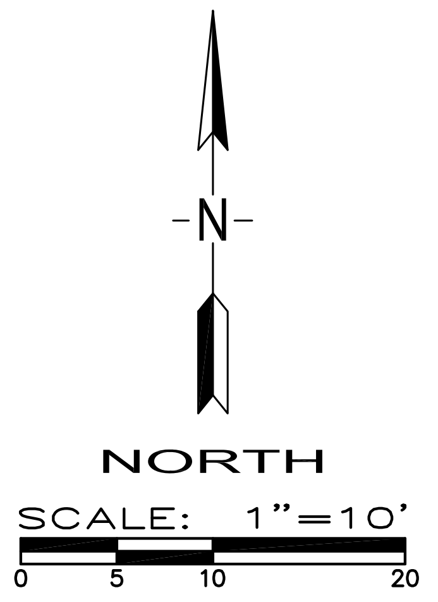

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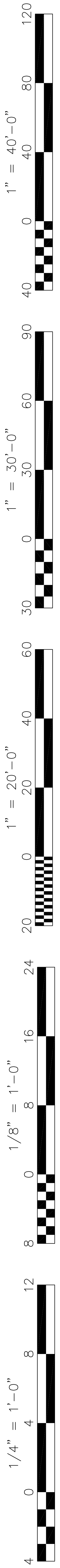

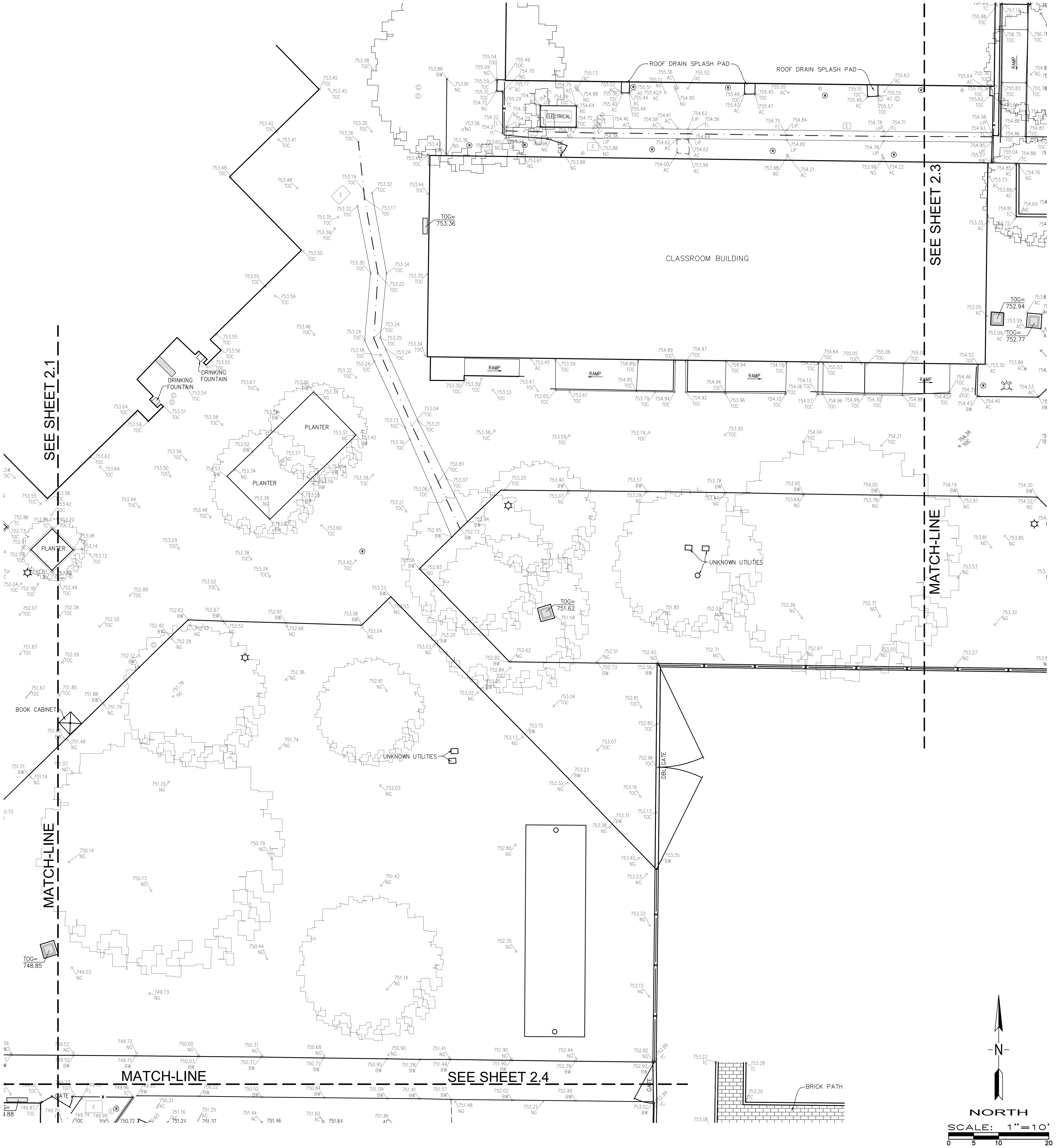

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Ⓒ	SEWER CLEANOUT
I	IRRIGATION BOX
Ⓦ	WATER VALVE
I	WATER BOX
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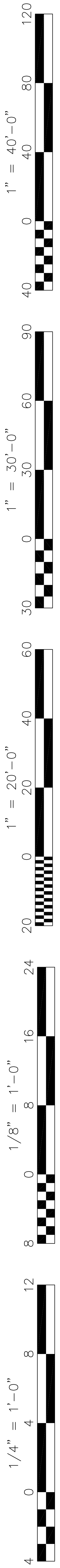
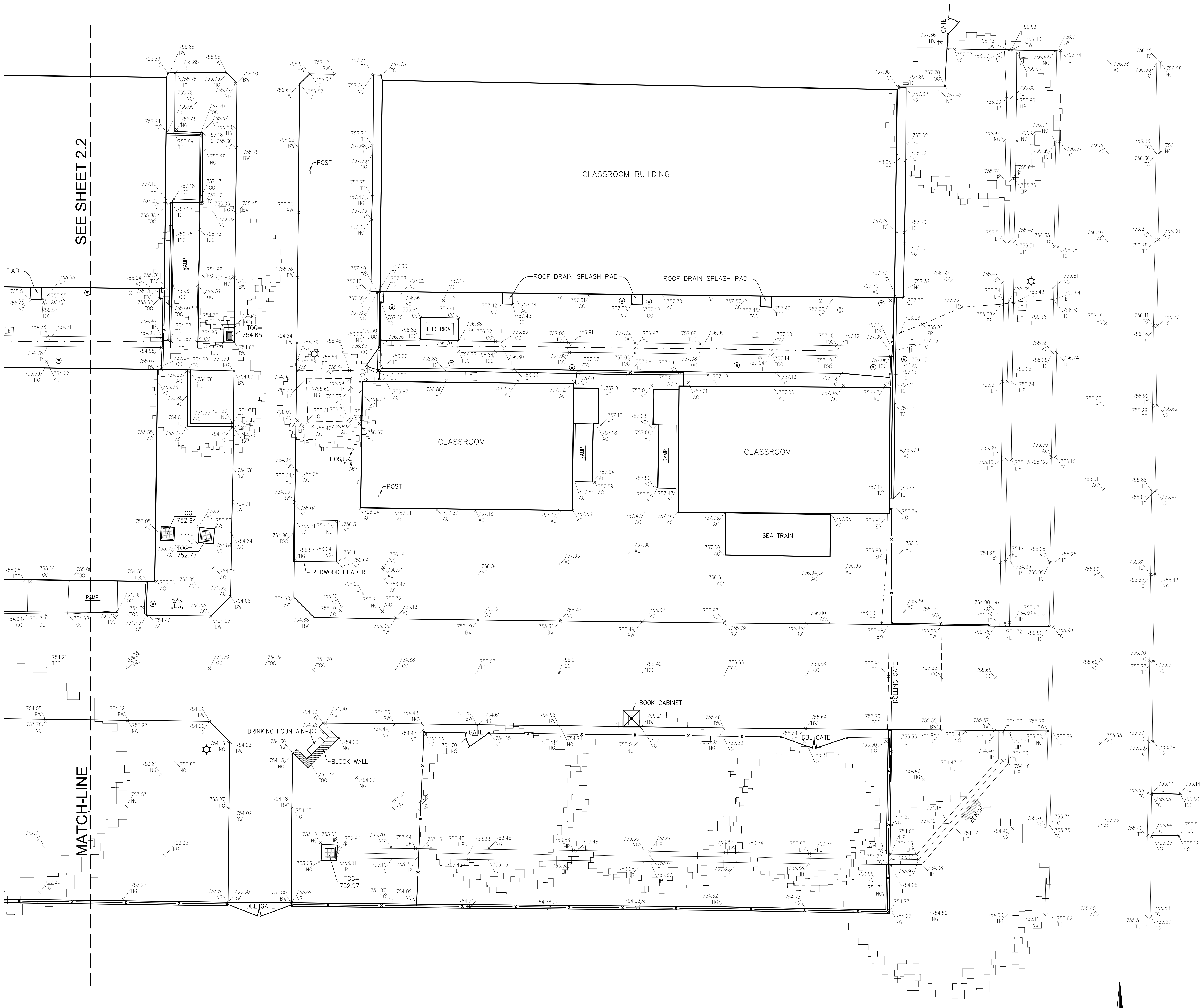
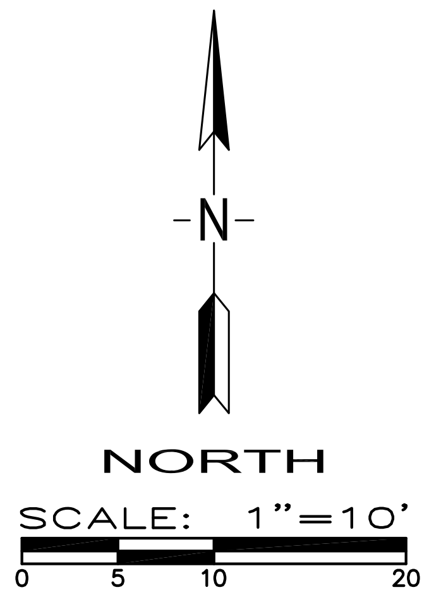




LEGEND:

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



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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOMS

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
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RCE 74059
CIVIL

Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: **5682.2**

Sheet No.: **C2.3**

Release: DSA SUBMITTAL ISSUE DATE

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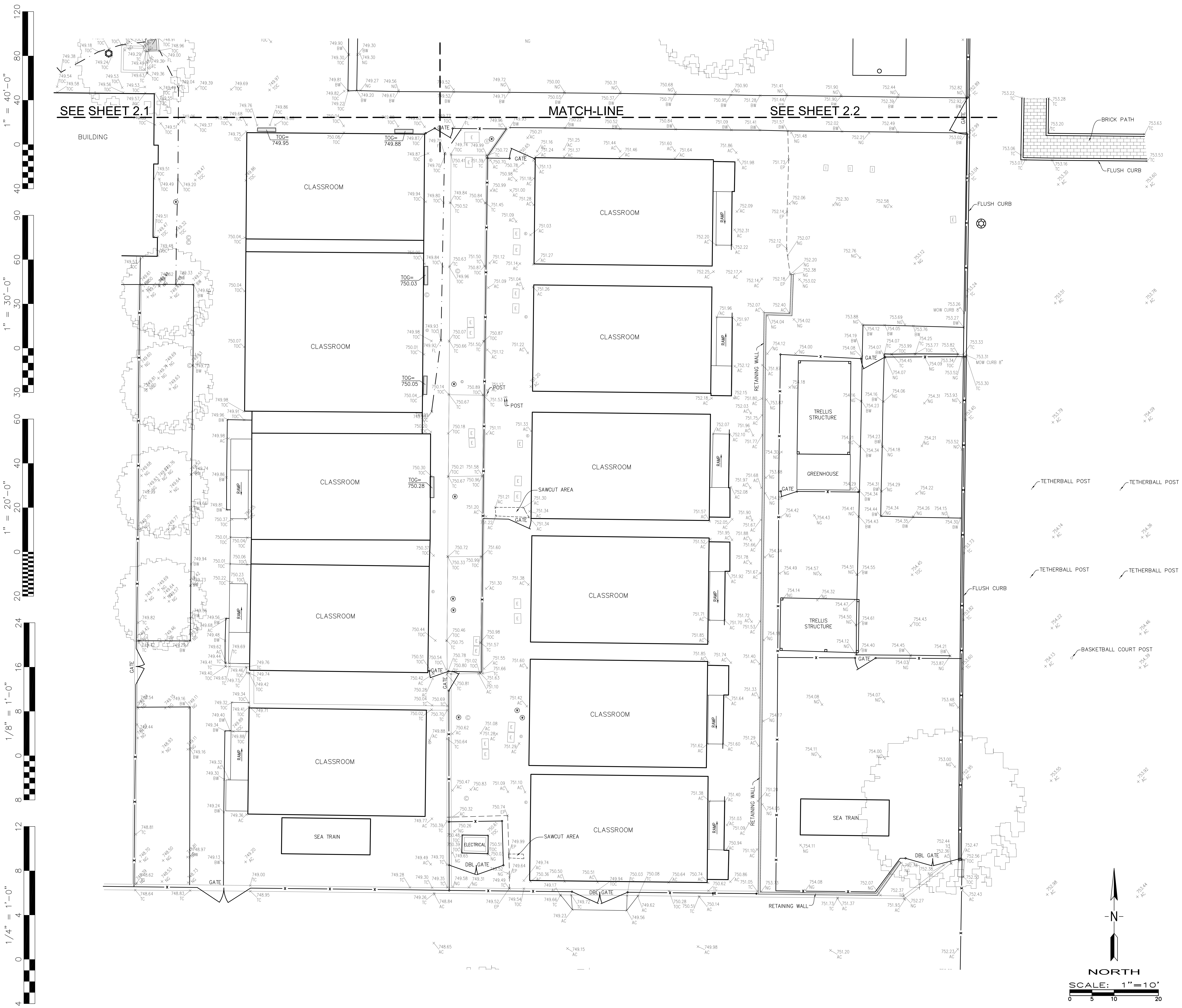

LEGEND:

- EDGE OF PAVEMENT
- STREET CENTERLINE
- STREET RIGHT-OF-WAY/PROPERTY LINE
- EXISTING CHAIN-LINK FENCE
- ELECTRICAL BOX
- ELECTRICAL GROUND ROD
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Sheet Title:

GRADING PLAN TOPOGRAPHIC SURVEY

Job No.: 5682.2

Sheet No.: C2.4

Release: DSA SUBMITTAL ISSUE DATE

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ACCESSIBILITY NOTES

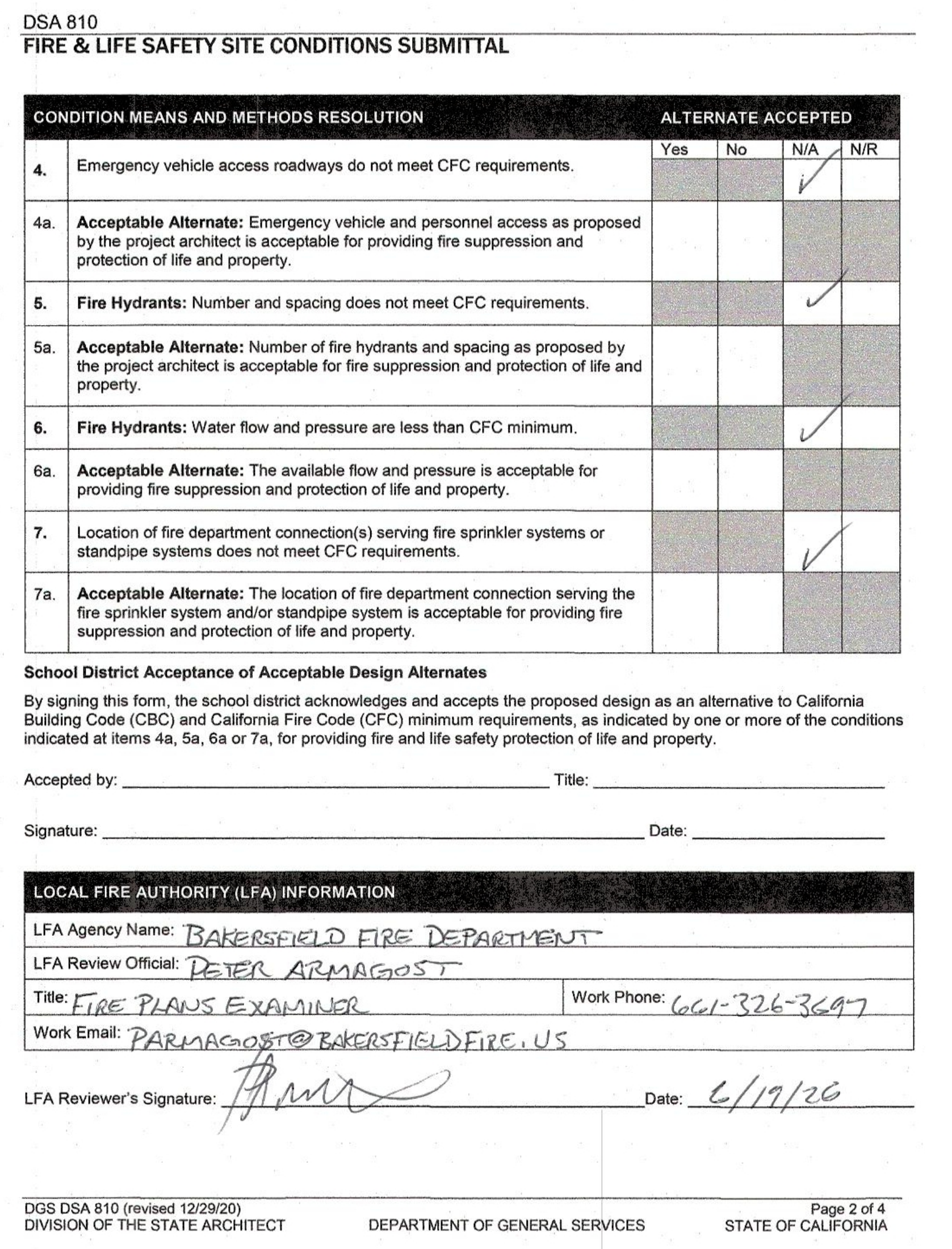
THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED 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: ______

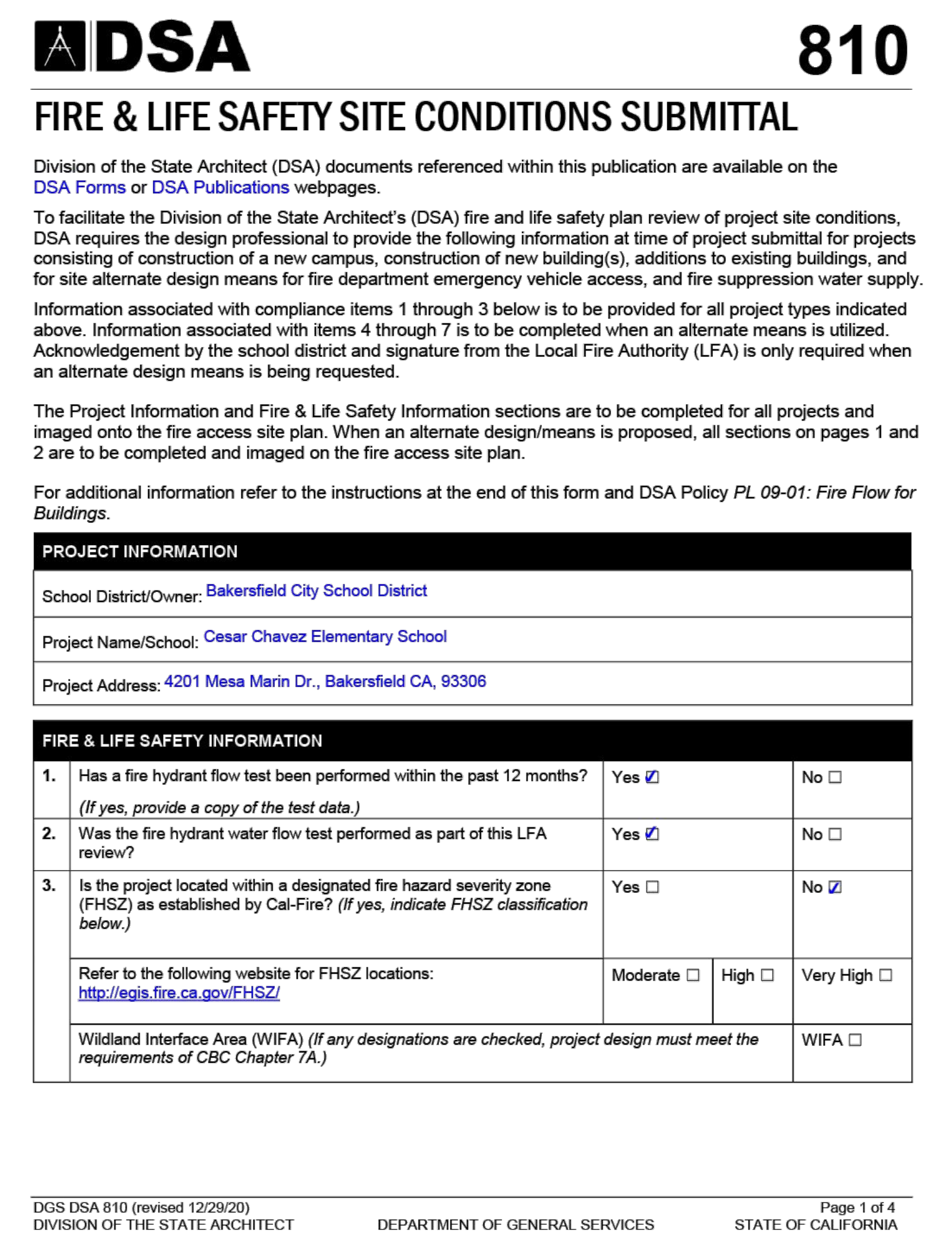
Signature: ______ Date: ______

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: Date: 6/19/26

DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT | DEPARTMENT OF GENERAL SERVICES | Page 2 of 4 STATE OF CALIFORNIA



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

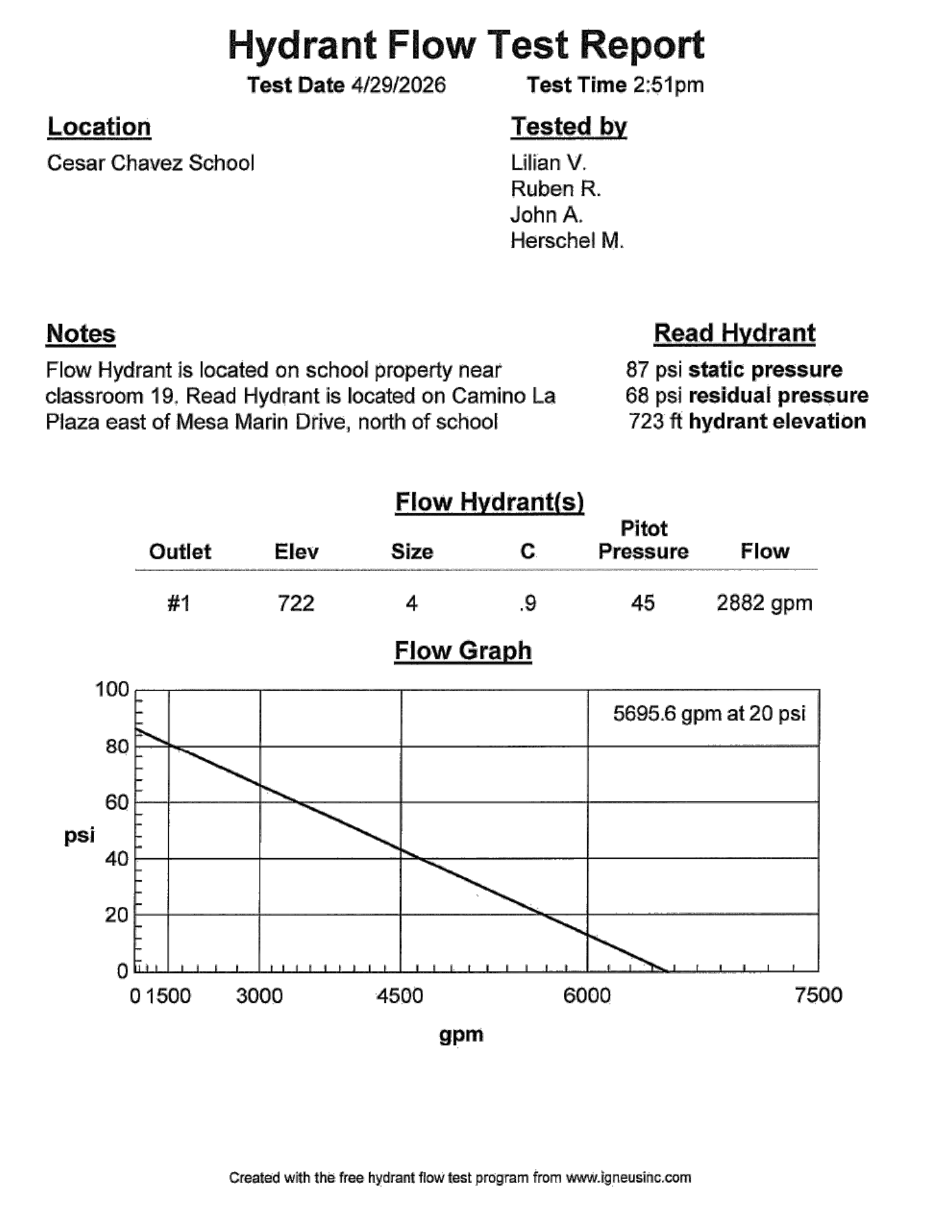
Project Address: 4201 Mesa Marin Dr., Bakersfield CA, 93306

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 ☐

DGS DSA 810 (revised 12/29/20) DIVISION OF THE STATE ARCHITECT | DEPARTMENT OF GENERAL SERVICES | Page 1 of 4 STATE OF CALIFORNIA

HYDRANT FLOW TEST


100
80
60
40
20
0
psi
0 1500
3000
4500
6000
7500
gpm
5695.6 gpm at 20 psi

Hydrant Flow Test Report

Test Date 4/29/2026 **Test Time** 2:51pm

Location
Cesar Chavez School

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

Notes
Flow Hydrant is located on school property near classroom 19. Read Hydrant is located on Camino La Plaza east of Mesa Marin Drive, north of school

Read Hydrant
87 psi **static pressure**
68 psi **residual pressure**
723 ft **hydrant elevation**

Flow Hydrant(s)

Outlet	Elev	Size	C	Pitot Pressure	Flow
#1	722	4	.9	45	2882 gpm

Flow Graph

Created with the free hydrant flow test program from www.igneusinc.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.

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 TO PUBLIC R.O.W.
—— · ——	PROPERTY LINE
—x—x—	EXISTING CHAINLINK FENCE
HYD	EXISTING FIRE HYDRANT
✳	EXISTING TREE TO REMAIN

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.

BUILDING DATA

Builing Name	28	29
DSA APP#	04-104812	04-100596
Use	CLASSROOM	CLASSROOM
Occupancy	E	E
Construction Type	VB	VB
Allowable Building Area	9,500	9,500
Actual Building Area	960	960
Total Building Area	960	960
Maximum Height	40'	40'
Actual Height	±11'-10"	±11'-10"
Automatic Fire Spinkler System	NO	NO

TOTAL BUILDING AREA: 1,920
*Per CBC Table 506.2. Allowable Building Area for E Occupancy (most restrictive) 9,500 S.F. frontage increase is not needed

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/A1.04.
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/A1.04.
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. ACCESSIBLE PATH OF TRAVEL AND EXIT DISCHARGE 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

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)

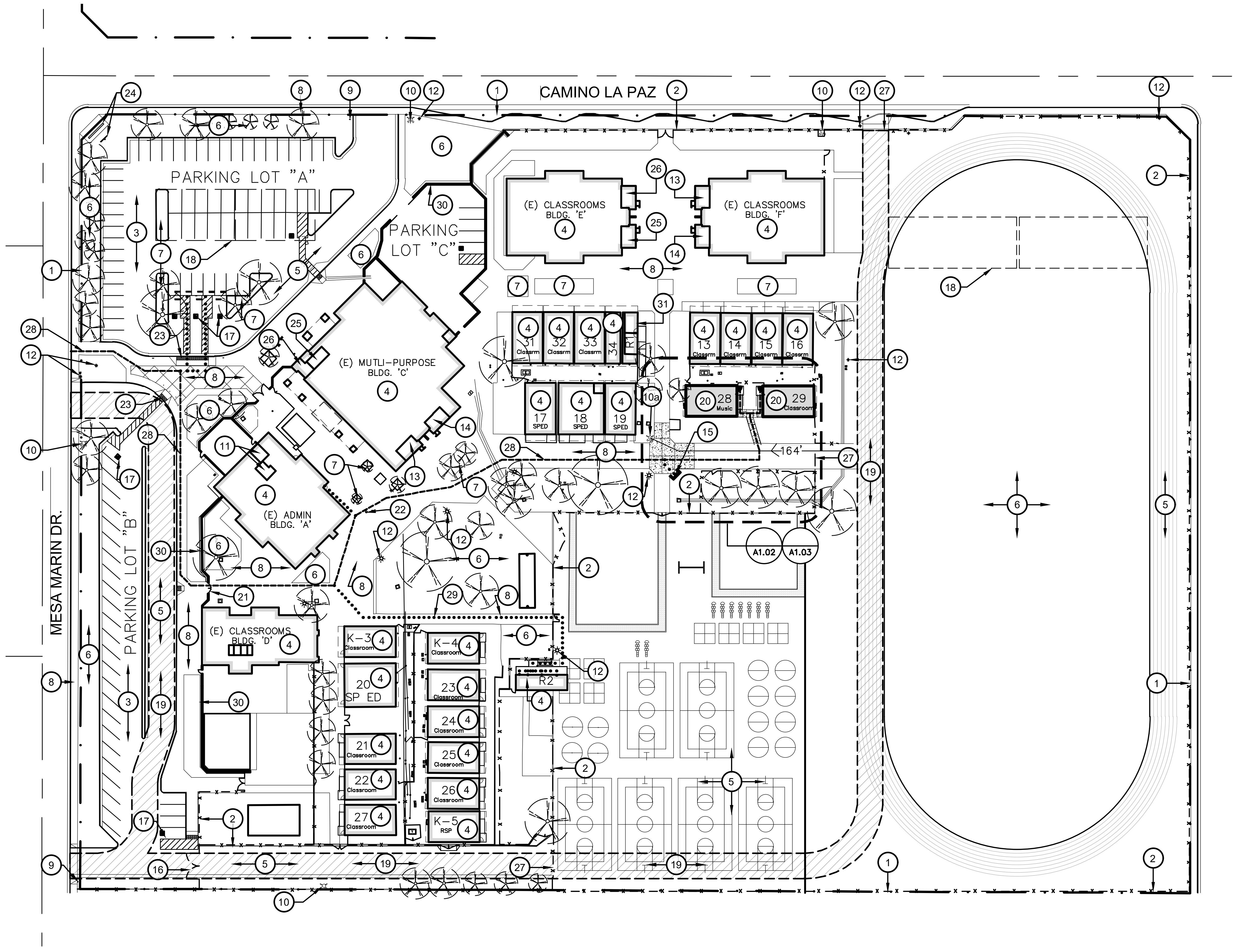
PARKING LOT #C

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

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
21	03-109006	
22	03-109006	
23	03-111193	960
24	03-104224	
25	04-105455	
26	04-104169	
27	04-105299	
K-3	03-104349	960
K-4	03-111193	960
K-5	04-105455	960
R-2	04-1255602	480



FIRE AUTHORITY SITE PLAN

2 RELOCATABLE CLASSROOM

60 0 60 120
SCALE: 1" = 60'

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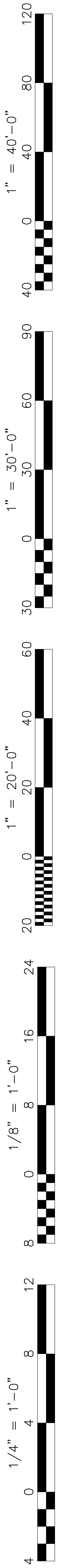
Sheet Title:

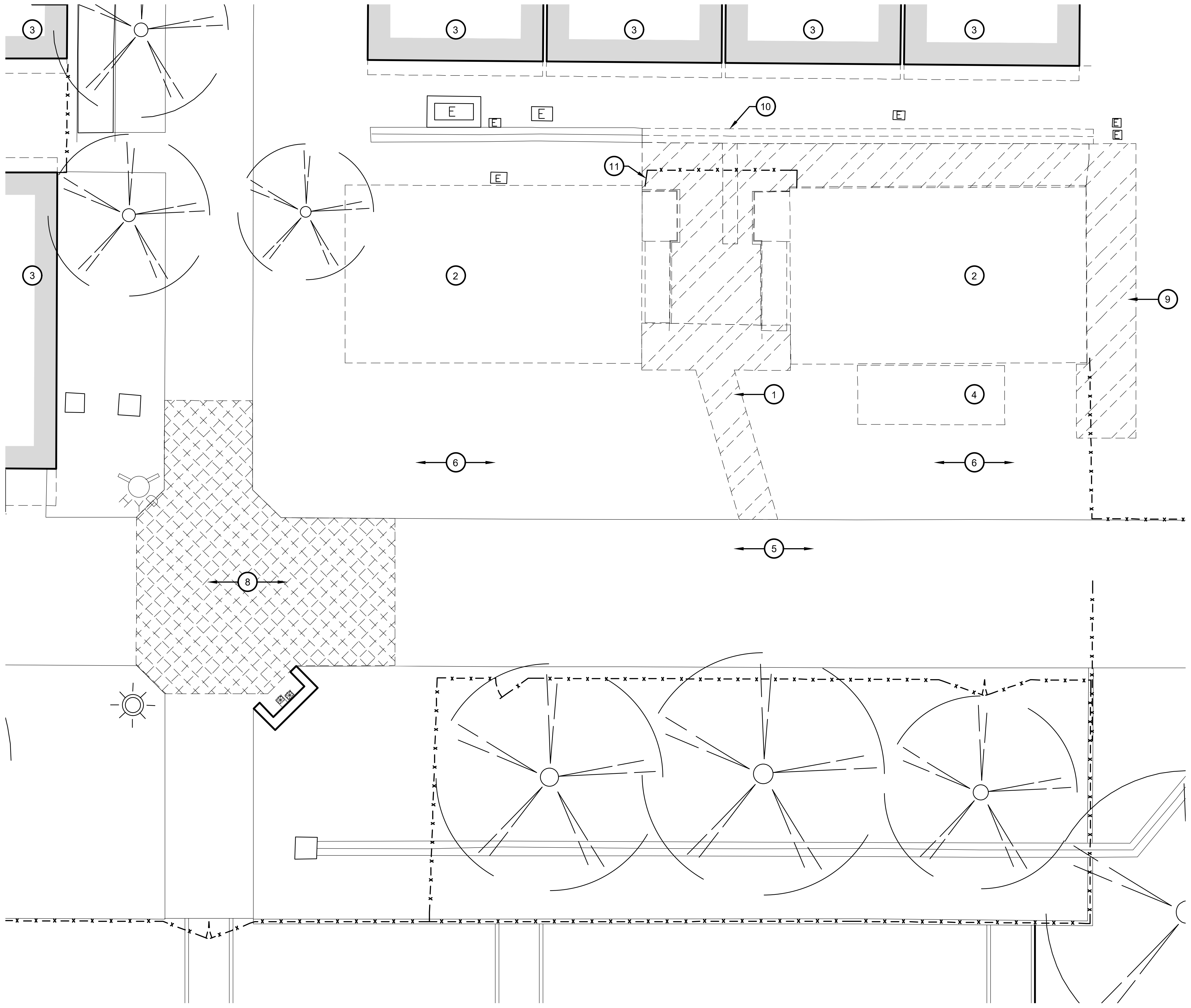
FIRE AUTHORITY SITE PLAN

Job No.: **5682.2**

Sheet No.: **A1.00**

Release: DSA SUBMITTAL
Issue Date 6/23/26





ENLARGED DEMOLITION SITE PLAN

2 RELOCATABLE CLASSROOM

SCALE: 1" = 10'

KEY NOTES

1. REMOVE (E) AC PAVING AS NEEDED FOR NEW WORK
2. (N) RELOCATABLE CLASSROOM
3. (E) BUILDING NO WORK
4. (E) SEA TRAIN TO BE REMOVED BY OWNER
5. (E) SIDEWALK TO REMAIN
6. (E) AC PAVING TO REMAIN
7. (N) RAMP
8. REMOVE (E) CONCRETE SIDEWALK
9. REMOVE (E) AC PAVING AS NECESSARY FOR (N) CONC. CURB
10. REMOVE (E) VALLEY GUTTER
11. (E) CHAINLINK FENCE TO REMAIN. REMOVE & REINSTALL FABRIC AS NECESSARY FOR NEW WORK

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

⬚	NEW BUILDINGS UNDER THIS APPLICATION
▨	REMOVE (E) AC PAVING
- - - - - -	PATH TO PUBLIC RIGHT OF WAY
....	ACCESSIBLE PATH OF TRAVEL
— · —	PROPERTY LINE
—W—	(E) WATER LINE
—E—	(E) ELECTRICAL LINE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

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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No. C 28966
REN. 5-31-27

Sheet Title:

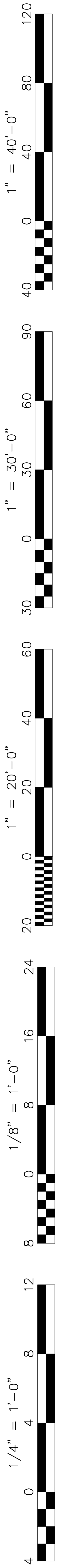
ENLARGED DEMOLITION SITE PLAN

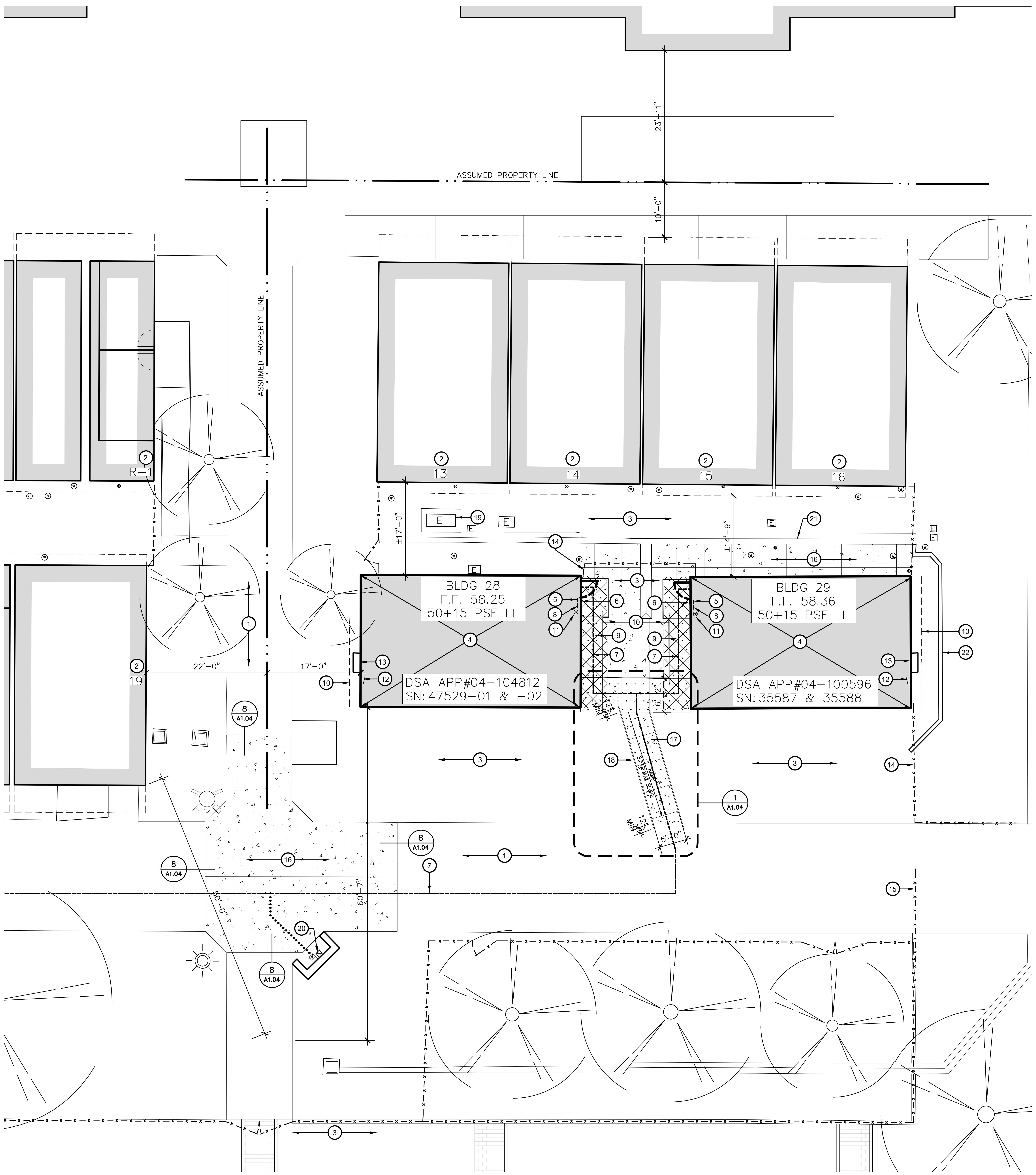
Job No.: **5682.2**

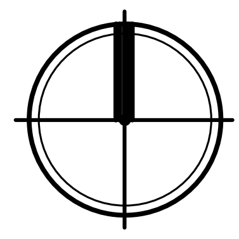
Sheet No.: **A1.02**

Release:

Issue Dat







ENLARGED SITE PLAN

2 RELOCATABLE CLASSROOM

SCALE: 1" = 10'

DSA NOTES

A. SITE PROJECT INSPECTOR SHALL VERIFY COMPLETED IN-PLANT INSPECTOR INSPECTION CARD/VERIFIED REPORT (DSA 152-IPI) FOR EACH RELOCATABLE BUILDING BEFORE INSTALLING ON SITE.

Path of Travel, Technical Requirements for Accessible Route

B. "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."

HARDSCAPE AREA SHADING

TOTAL SQUARE FOOTAGE OF HARDSCAPE AREA:	373 S.F.
REQUIRED SQUARE FOOTAGE OF HARDSCAPE AREA SHADED (20%):	75 S.F.
ADJACENT BUILDING OVERHANGS:	244 S.F.
PERCENTAGE OF HARDSCAPE AREA SHADED:	65%

SHADING LEGEND

░	HARDSCAPE AREA
▩	HARDSCAPE SHADE PROVIDED BY ADJACENT BUILDING OVERHANGS

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) PORTABLE CLASSROOM BUILDINGS FROM STOCKPILE ON RAISED WOOD FOUNDATIONS WITH METAL RAMP SUPPLIED BY MANUFACTURER.
5. (N) TACTILE EXIT SIGN, -PER 2/A1.05
6. (N) ROOM IDENTIFICATION , -PER 3/A1.05. AND ISA SIGN PER 5/A1.05
7. ACCESSIBLE PATH OF TRAVEL PER THIS APPLICATION. SEE ACCESSIBILITY NOTES, -SEE SHEET A1.00.
8. (N) ALS SIGN, -SEE 5/A1.04 AND ALS SYSTEM NOTES FOR REQUIREMENTS.
9. (N) METAL RAMP, -SEE MANUFACTURER'S PC DRAWINGS.
10. ROOF OVERHANG.
11. (E) 2A:10BC FIRE EXTINGUISHER ON WALL BRACKET.
12. PORTABLE CLASSROOM ELECTRICAL PANEL.
13. PORTABLE CLASSROOM HEAT PUMP.
14. (E) CHAINLINK FENCE TO REMAIN
15. (E) CHAINLINK GATE TO REMAIN
16. (N) CONCRETE SIDEWALK
17. (N) CONCRETE RAMP
18. (N) HANDRAILS
19. (E) TRANSFORMER
20. (E) ACCESSIBLE DRINKING FOUNTAIN
21. (N) CONC. VALLEY GUTTER - SEE CIVIL
22. (N) CONC. CURB - SEE CIVIL

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.

   PER CBC 2019, 11B-219.
   960S.F. / 20 (OCCUPANT LOAD) = 48
   48 x 4% = 1.92 ALS DEVICES REQUIRED (OR 2 MIN.).

2. THE SYSTEM SHALL BE STORE 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 VOCE AMPLIFICATION SYSTEMS AND ANY MEDIA PROGRAM AUDI SYSTEM INSTALLED, AND SHALL COMPLY WITH CBC SECTIONS 11B-219 AND 11B-706.
4. SYSTEM SHALL INCLUDE: ANCHOR AUDIOASSISTIVE LISTENING PACKAGE #AL-9000: 16 CHANNEL TRANSMITTER, DC POWER SUPPLY, 4 BELT PACK RECEPTACLES WITH EAR BUDS WITH NECK LOOPS, WIRELESS MICROPHONE & BATTERY CHARGER, OR EQUAL..

SERIAL NUMBER SCHEDULE

CLSRM	STKP #	SERIAL #
28	67	47529–01/02
29	37	35587–35588

LEGEND

▭	EXISTING BUILDING TO REMAIN (NO WORK)
■	NEW PORTABLE BUILDING UNDER THIS APPLICATION
······	ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION

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CURTIS E. FLYNN
No. C 28966
REN. 5-31-27
STATE OF CALIFORNIA

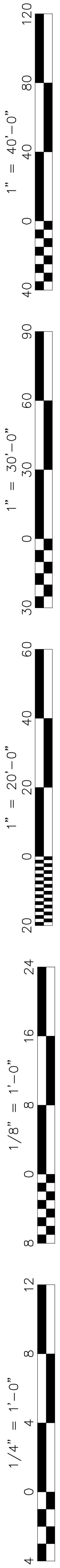
Sheet Title:

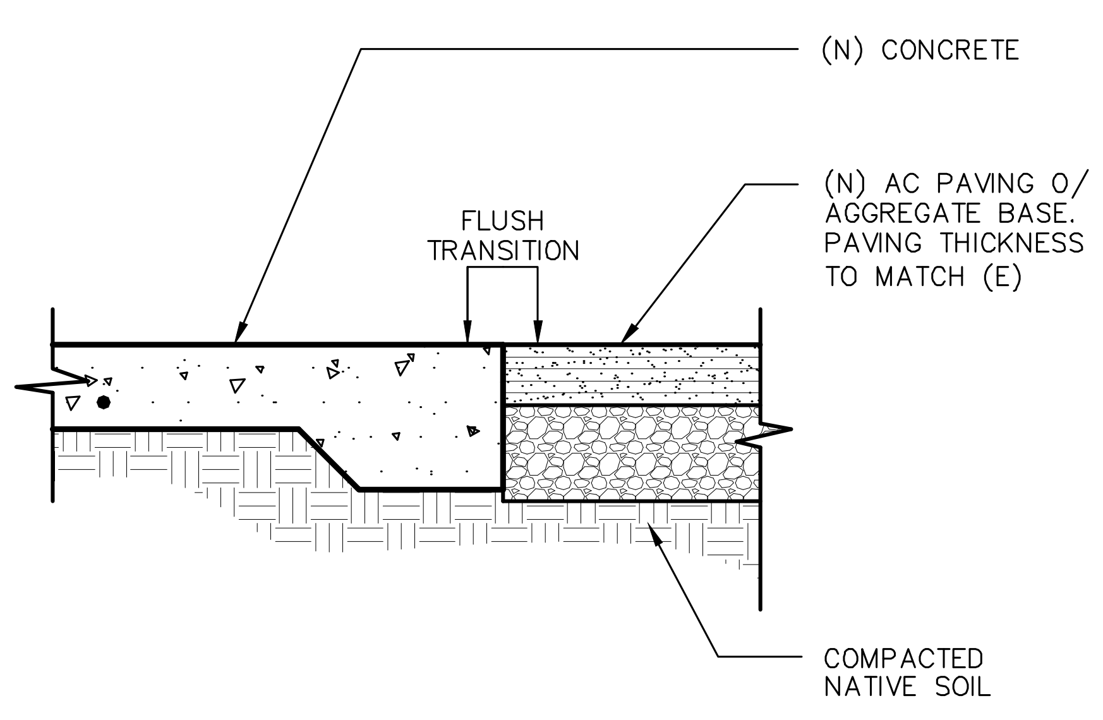
ENLARGED SITE PLAN

Job No.: **5682.2**

Sheet No.: **A1.03**

Release: DSA SUBMITTAL
Issue Date
6/23/26



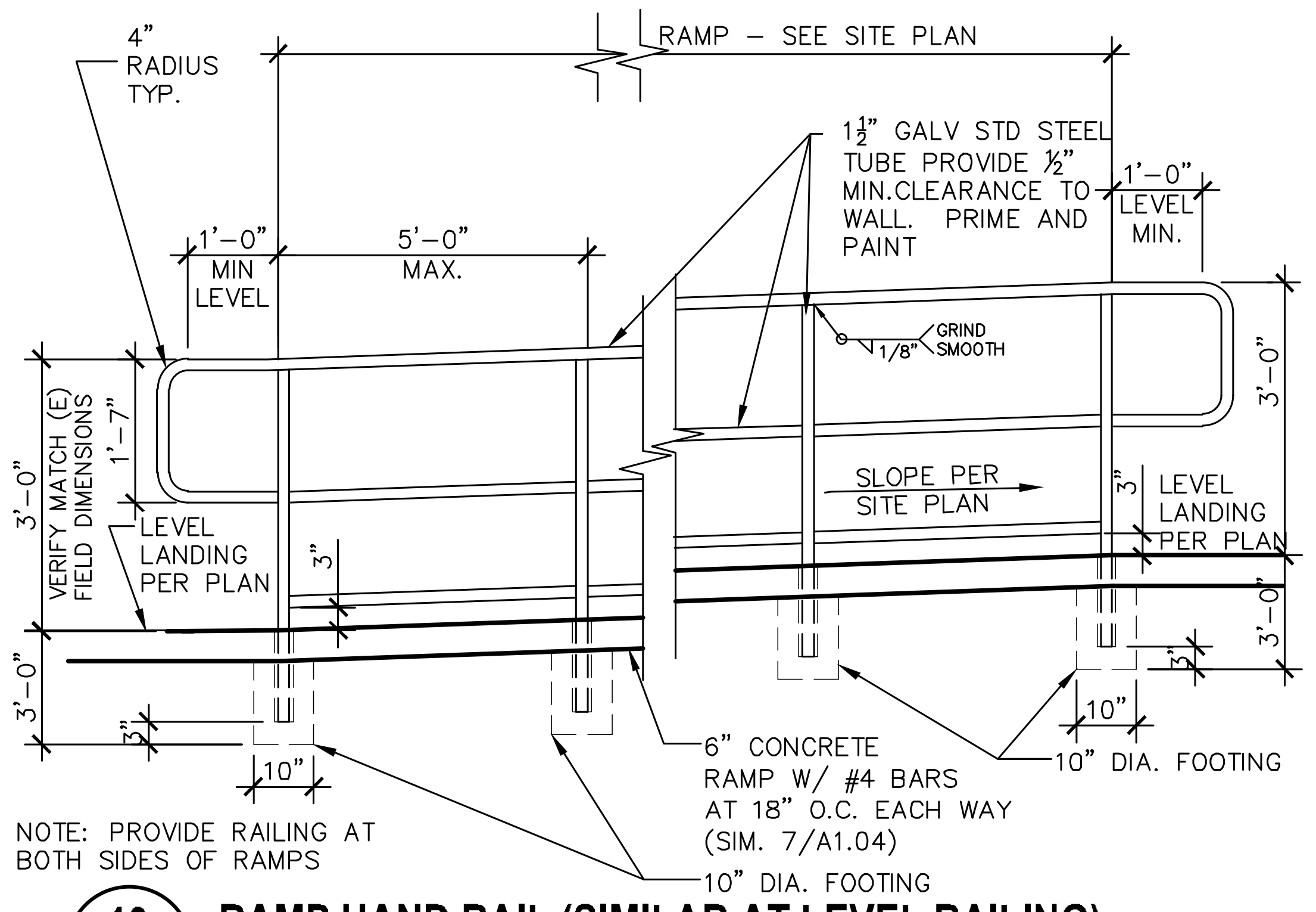

(N) CONCRETE
FLUSH TRANSITION
(N) AC PAVING O/ AGGREGATE BASE. PAVING THICKNESS TO MATCH (E)
COMPACTED NATIVE SOIL

9 (N) CONC WALK TO (N) AC PAVING

A1.04

ADS100-27

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



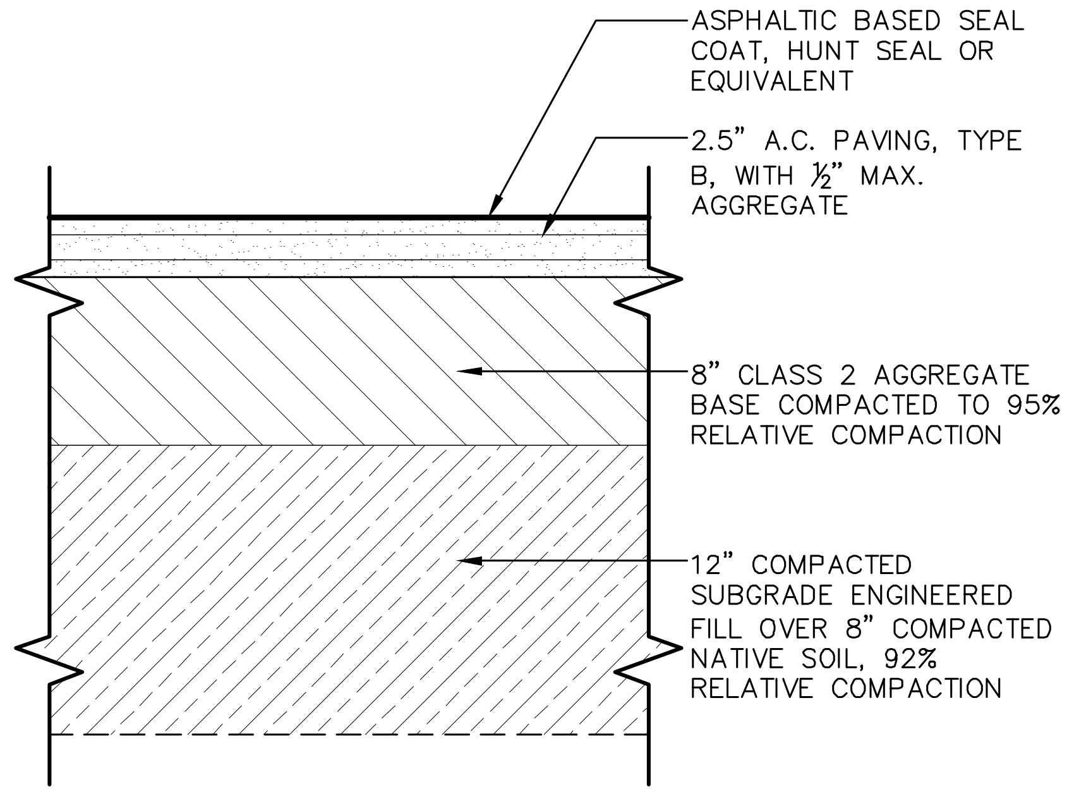
NOTE: PROVIDE RAILING AT BOTH SIDES OF RAMPS

10 RAMP HAND RAIL (SIMILAR AT LEVEL RAILING)

A1.04

ADE110-01

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

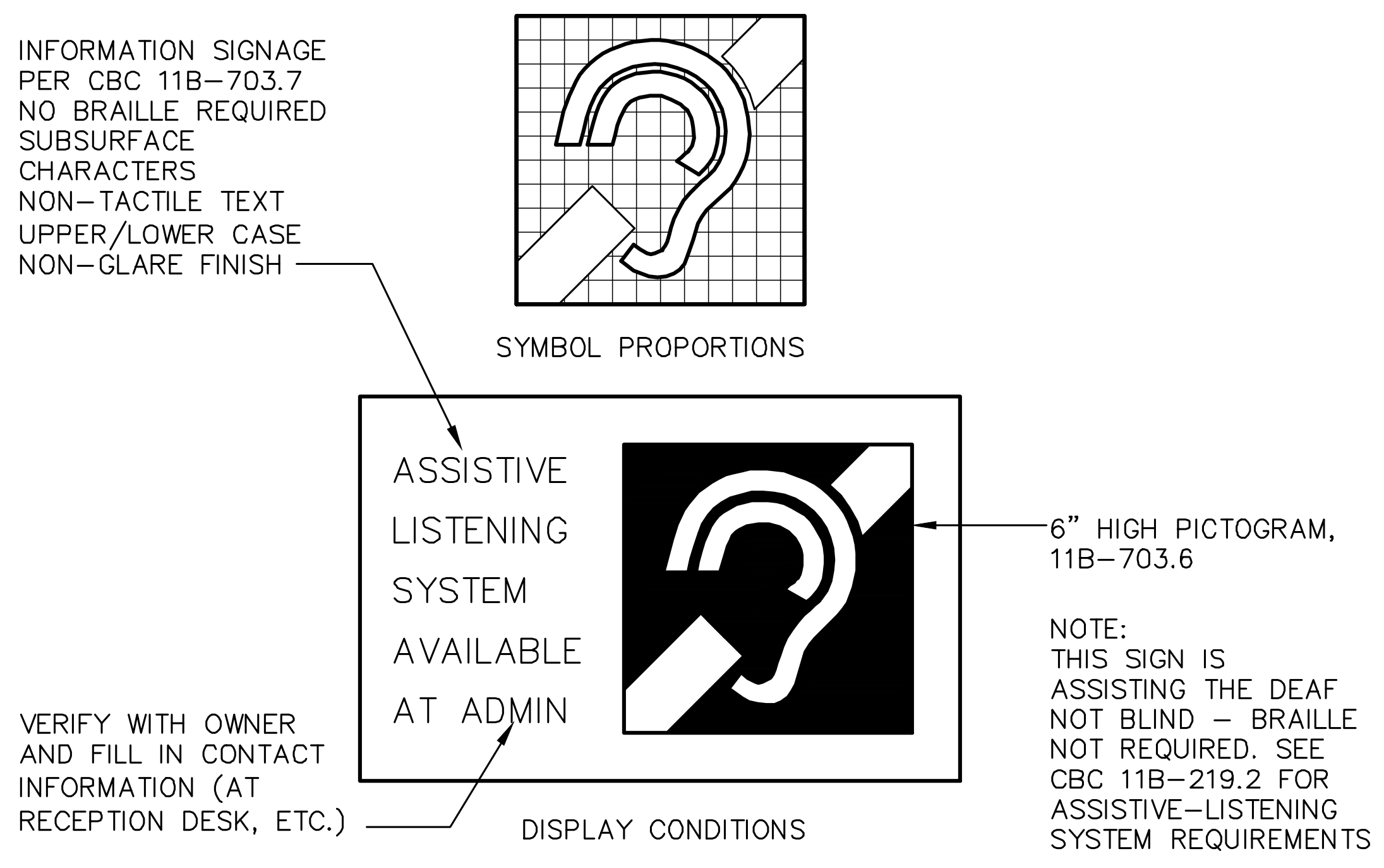

ASPHALTIC BASED SEAL COAT, HUNT SEAL OR EQUIVALENT
2.5" A.C. PAVING, TYPE B, WITH ½" MAX. AGGREGATE
8" CLASS 2 AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION
12" COMPACTED SUBGRADE ENGINEERED FILL OVER 8" COMPACTED NATIVE SOIL, 92% RELATIVE COMPACTION

11 AC PAVEMENT SECTION

A1.04

ADS100-57

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


INFORMATION SIGNAGE PER CBC 11B-703.7 NO BRAILLE REQUIRED SUBSURFACE CHARACTERS NON-TACTILE TEXT UPPER/LOWER CASE NON-GLARE FINISH
SYMBOL PROPORTIONS
ASSISTIVE
LISTENING
SYSTEM
AVAILABLE
AT ADMIN
6" HIGH PICTOGRAM, 11B-703.6
VERIFY WITH OWNER AND FILL IN CONTACT INFORMATION (AT RECEPTION DESK, ETC.)
DISPLAY CONDITIONS

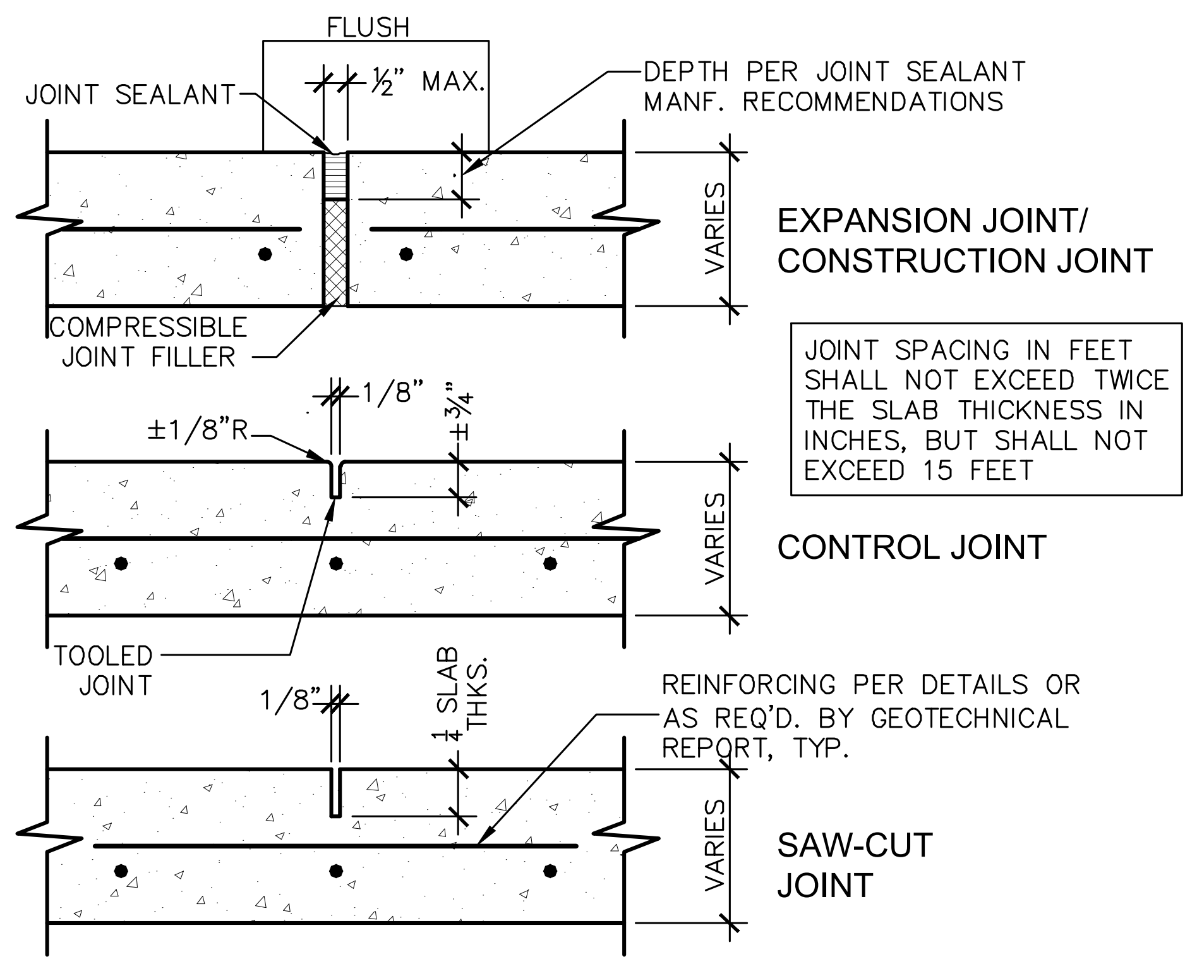
NOTE:
THIS SIGN IS ASSISTING THE DEAF NOT BLIND - BRAILLE NOT REQUIRED. SEE CBC 11B-219.2 FOR ASSISTIVE-LISTENING SYSTEM REQUIREMENTS

5 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING IMPAIRED

A1.04

ADA200-05

SCALE: 3" = 1'-0"


FLUSH
JOINT SEALANT
½" MAX.
DEPTH PER JOINT SEALANT MANF. RECOMMENDATIONS
VARIES
EXPANSION JOINT/ CONSTRUCTION JOINT
COMPRESSIBLE JOINT FILLER
1/8"
±1/8"R
±¾"
VARIES
CONTROL JOINT
TOOLED JOINT
1/8"
¼ SLAB THKS.
REINFORCING PER DETAILS OR AS REQ'D. BY GEOTECHNICAL REPORT, TYP.
VARIES
SAW-CUT JOINT

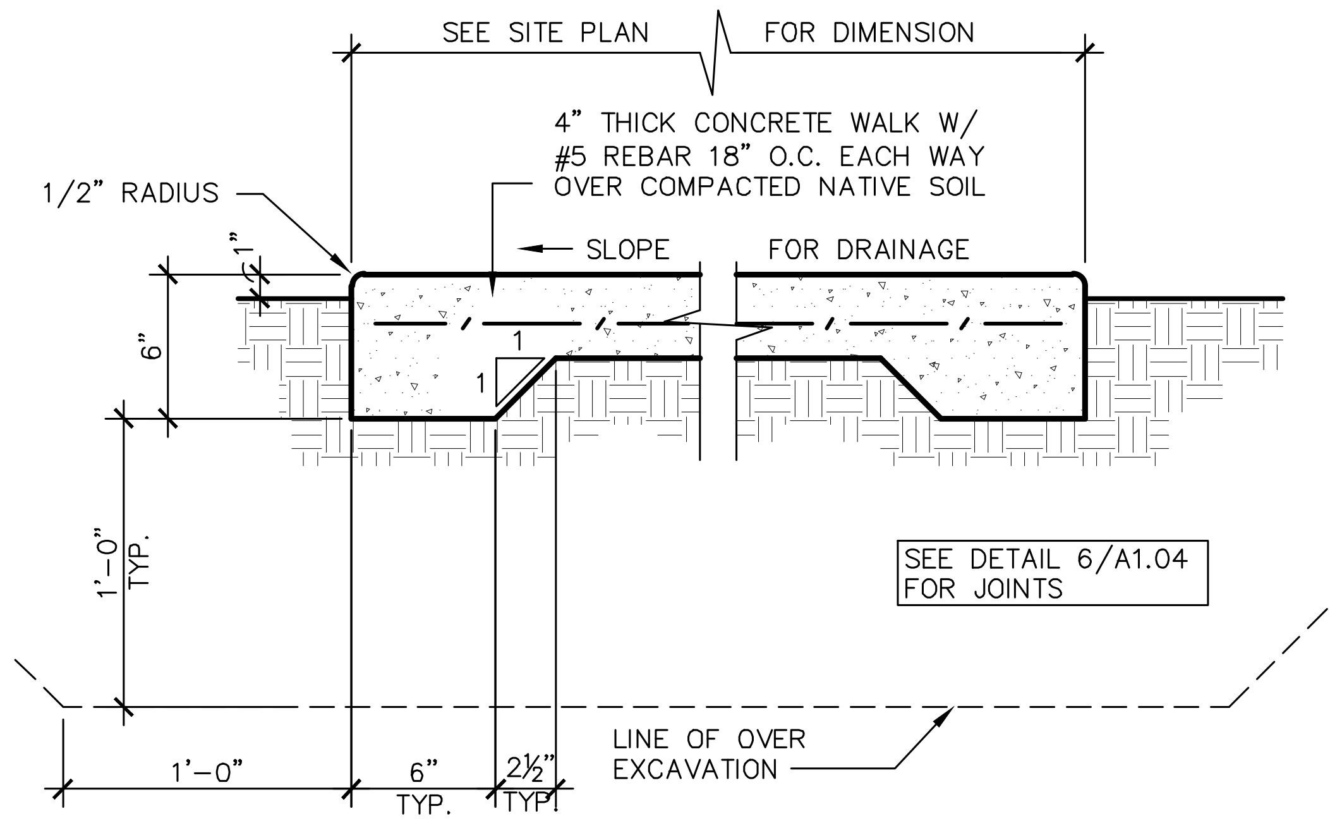
JOINT SPACING IN FEET SHALL NOT EXCEED TWICE THE SLAB THICKNESS IN INCHES, BUT SHALL NOT EXCEED 15 FEET

6 CONCRETE JOINTS

A1.04

ADS110-01

SCALE: 3" = 1'-0"



7 TYPICAL CONCRETE WALK

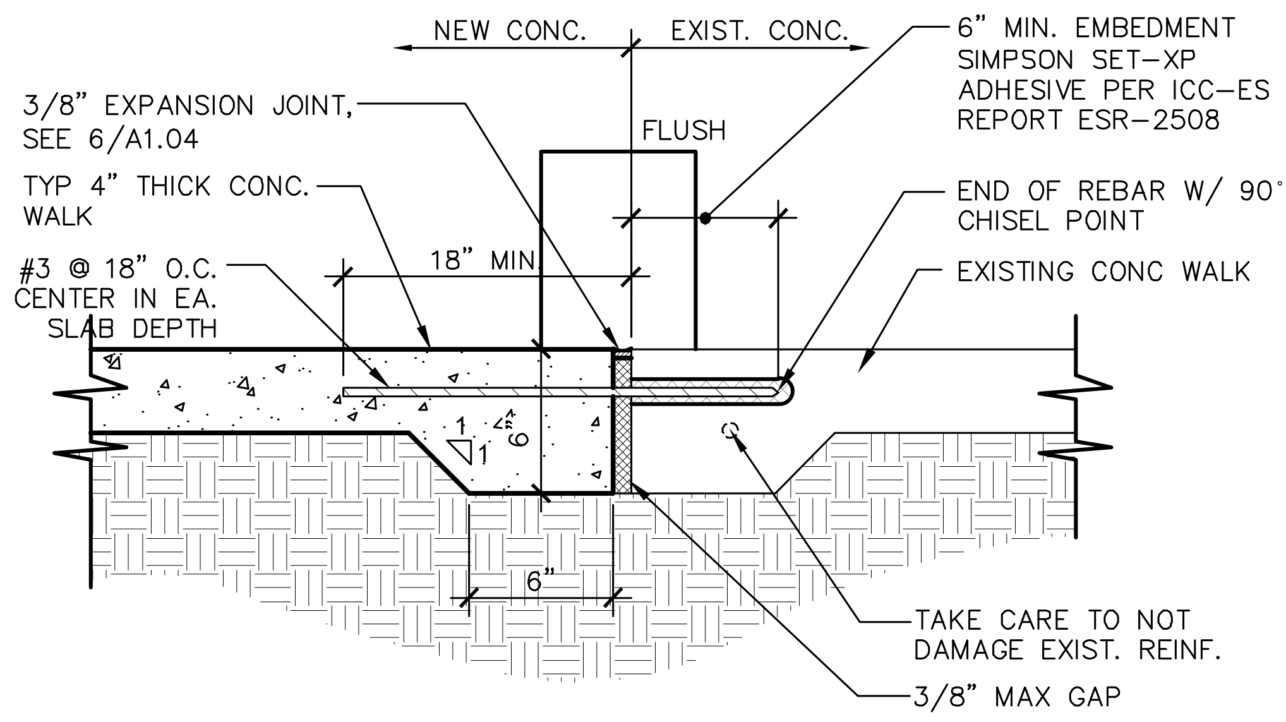
A1.04

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.

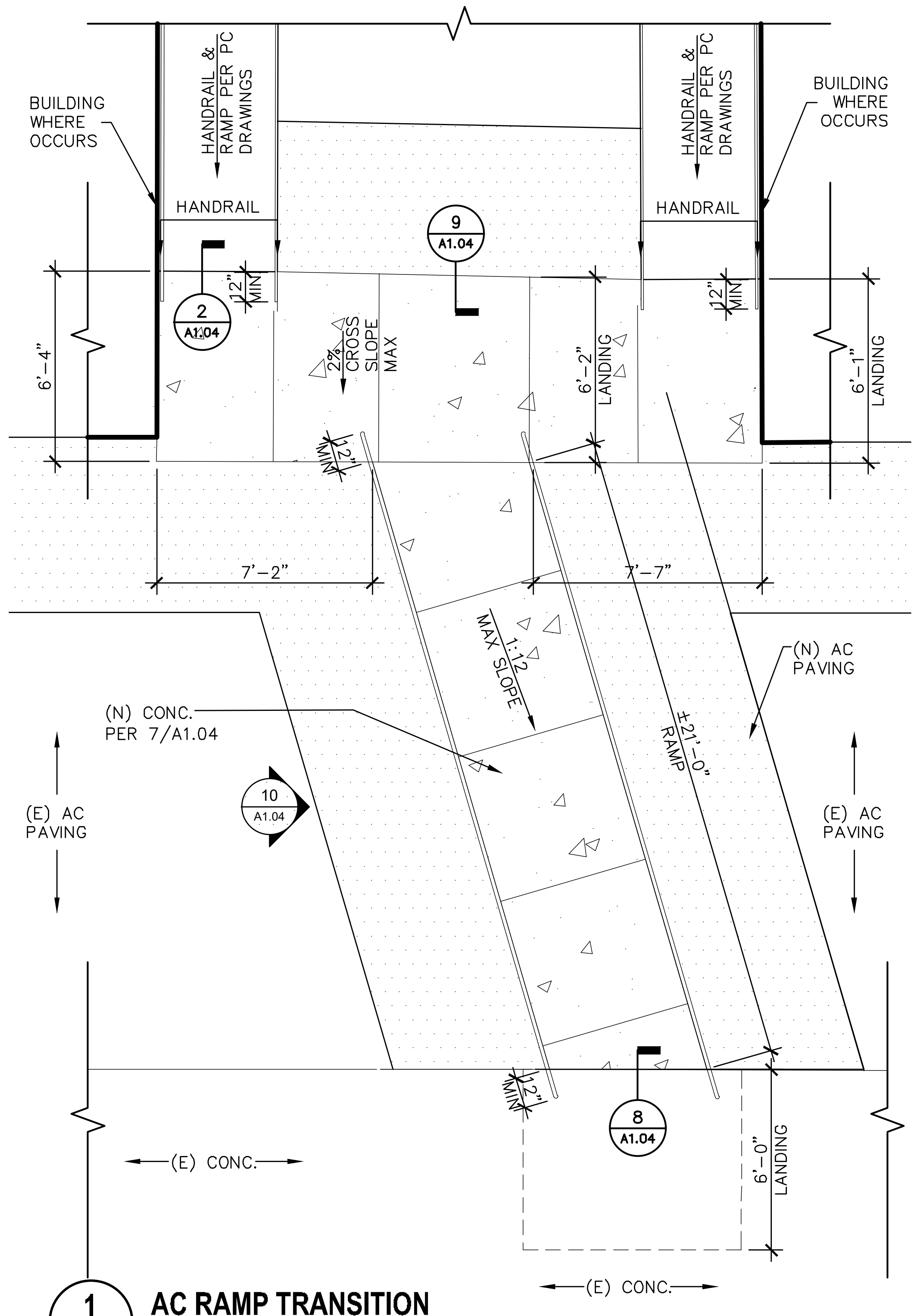

NEW CONC.
EXIST. CONC.
6" MIN. EMBEDMENT SIMPSON SET-XP ADHESIVE PER ICC-ES REPORT ESR-2508
3/8" EXPANSION JOINT, SEE 6/A1.04
FLUSH
TYP 4" THICK CONC. WALK
END OF REBAR W/ 90° CHISEL POINT
#3 @ 18" O.C. CENTER IN EA. SLAB DEPTH
18" MIN.
EXISTING CONC WALK
1
1
6"
6"
TAKE CARE TO NOT DAMAGE EXIST. REINF.
3/8" MAX GAP

8 (N) CONC WALK TO (E) CONC WALK

A1.04

ADS100-05

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

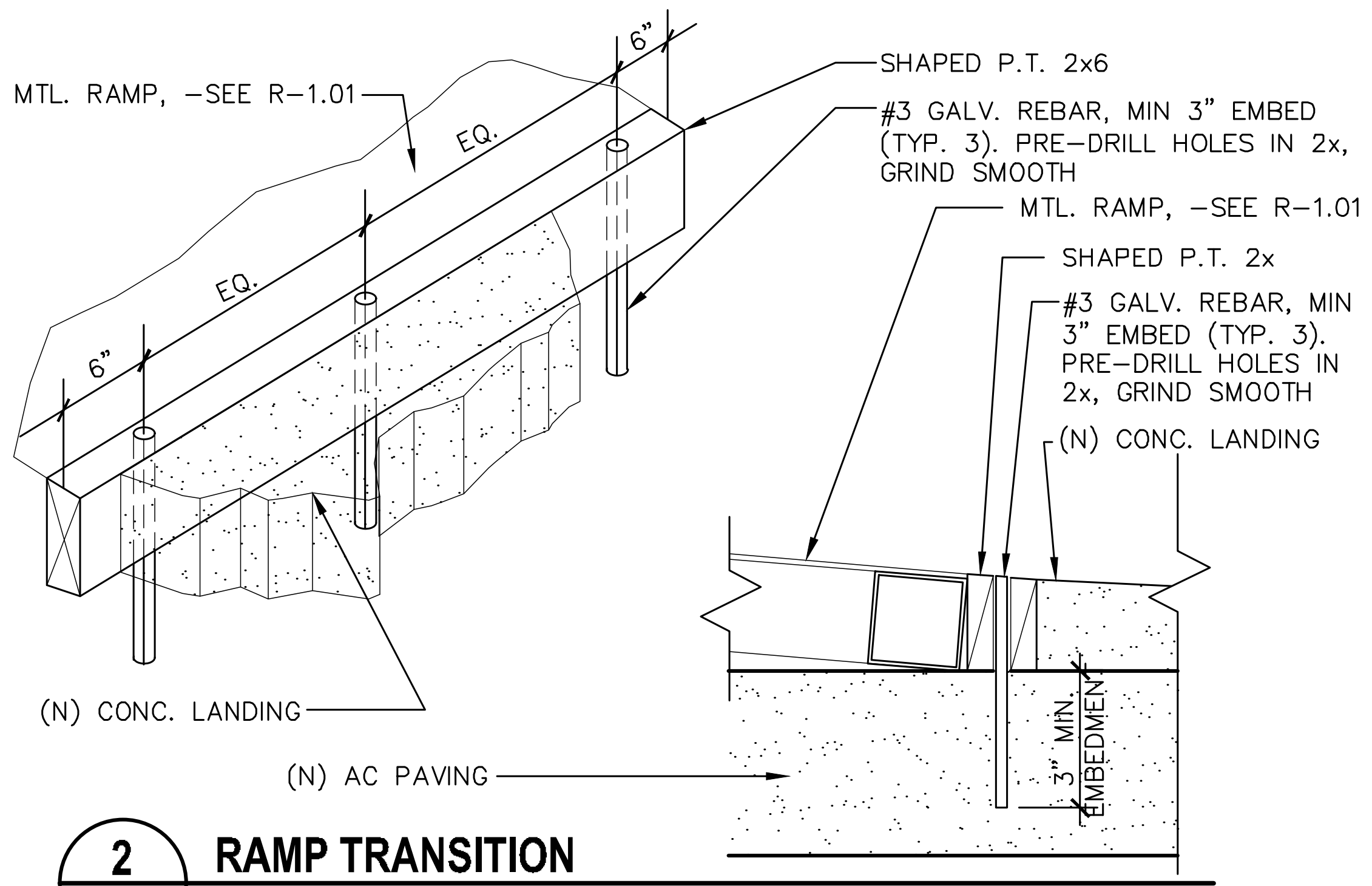


1 AC RAMP TRANSITION

A1.04

ADA000-03

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

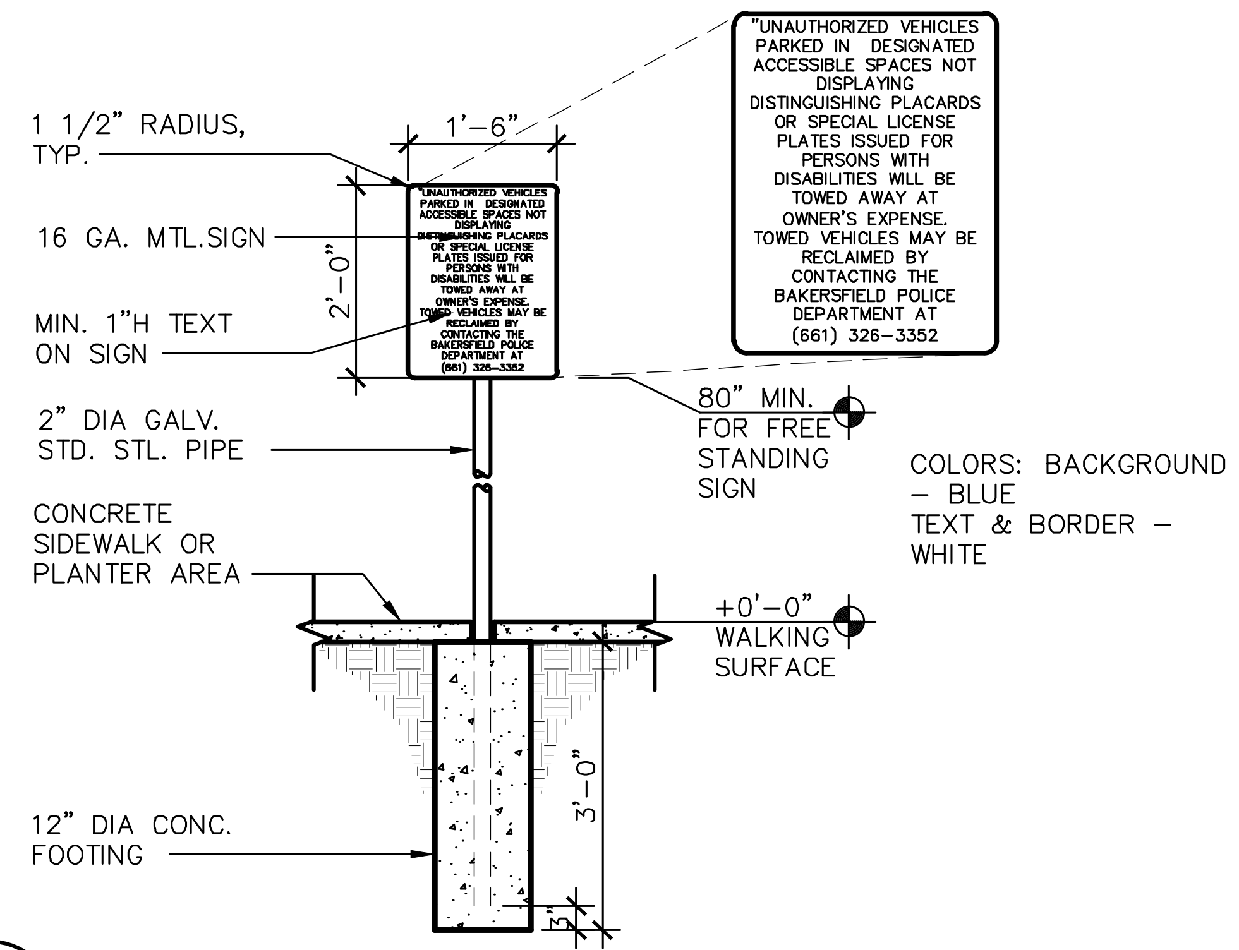

MTL. RAMP, -SEE R-1.01
6"
EQ.
EQ.
6"
SHAPED P.T. 2x6
#3 GALV. REBAR, MIN 3" EMBED (TYP. 3). PRE-DRILL HOLES IN 2x, GRIND SMOOTH
MTL. RAMP, -SEE R-1.01
SHAPED P.T. 2x
#3 GALV. REBAR, MIN 3" EMBED (TYP. 3). PRE-DRILL HOLES IN 2x, GRIND SMOOTH
(N) CONC. LANDING
(N) CONC. LANDING
(N) AC PAVING
3" MIN. EMBEDMENT

2 RAMP TRANSITION

A1.04

ADE100-01

SCALE: 3" = 1'-0"


1 1/2" RADIUS, TYP.
1'-6"
16 GA. MTL.SIGN
2'-0"
MIN. 1"H TEXT ON SIGN
"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED BY CONTACTING THE BAKERSFIELD POLICE DEPARTMENT AT (661) 326-3352
2" DIA GALV. STD. STL. PIPE
80" MIN. FOR FREE STANDING SIGN
CONCRETE SIDEWALK OR PLANTER AREA
+0'-0" WALKING SURFACE
12" DIA CONC. FOOTING
3'-0"
3"

COLORS: BACKGROUND - BLUE
TEXT & BORDER - WHITE

3 TOW AWAY SIGNAGE

A1.04

ADX100-10

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

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CURTIS E. FLYNN
No. C 28966
REN. 5-31-27

Sheet Title:

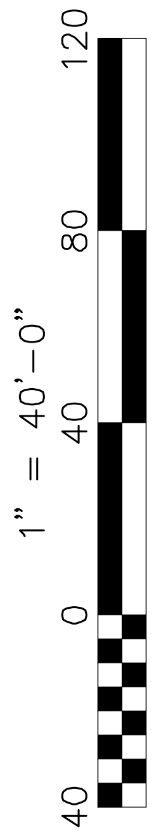
SITE DETAILS

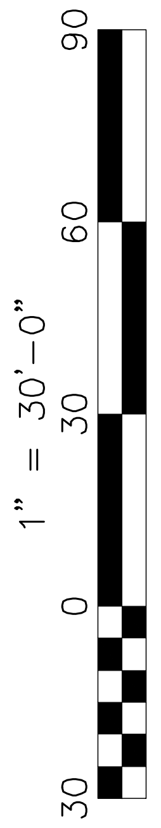
Job No.: **5682.2**

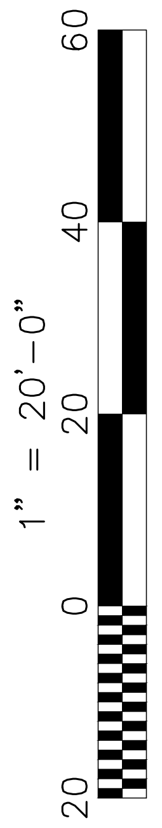
Sheet No.: **A1.04**

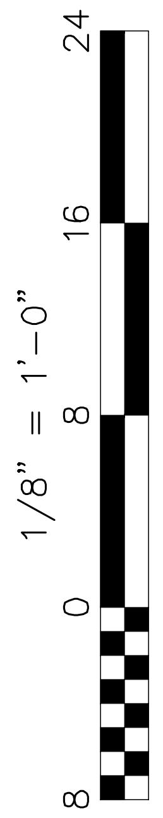
Release:

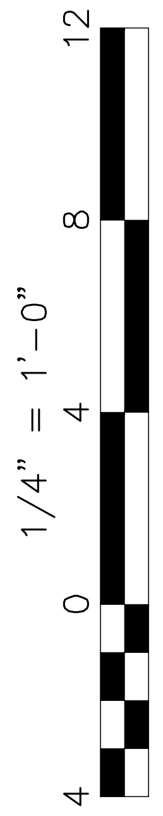
Issue Date
6/23/26





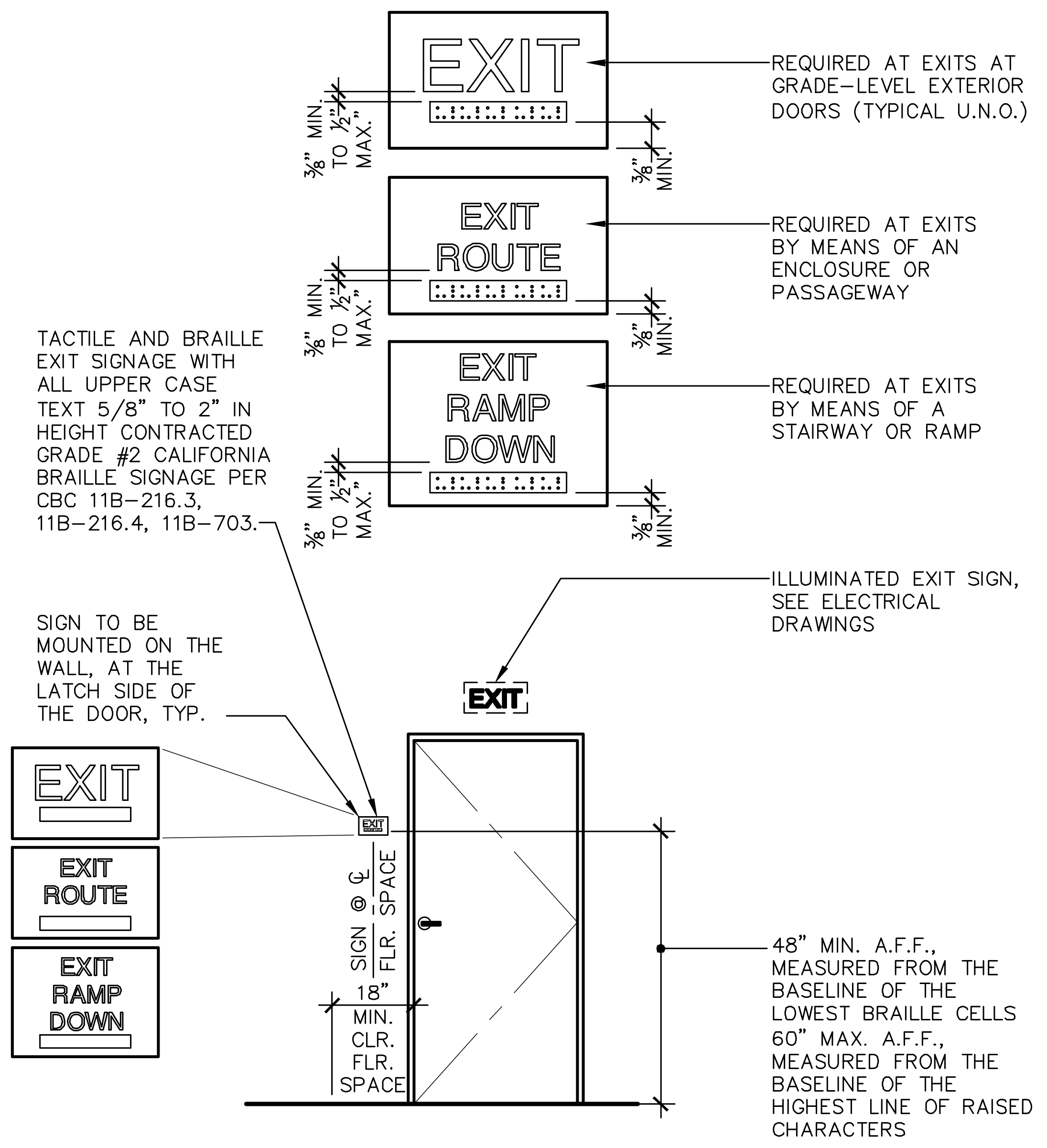






NOTES:

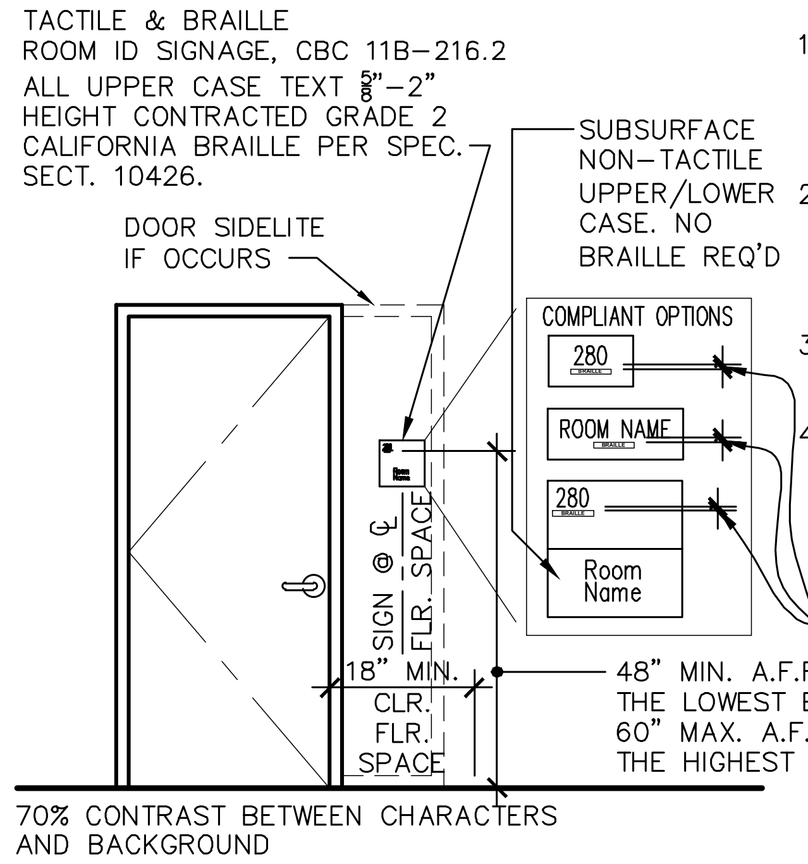
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS, (COUNTERSUNK,) AND ADHESIVE.


EXIT
EXIT ROUTE
EXIT RAMP DOWN
⅜" MIN. TO ½" MAX.
⅜" MIN.
REQUIRED AT EXITS AT GRADE-LEVEL EXTERIOR DOORS (TYPICAL U.N.O.)
REQUIRED AT EXITS BY MEANS OF AN ENCLOSURE OR PASSAGEWAY
REQUIRED AT EXITS BY MEANS OF A STAIRWAY OR RAMP
TACTILE AND BRAILLE EXIT SIGNAGE WITH ALL UPPER CASE TEXT 5/8" TO 2" IN HEIGHT CONTRACTED GRADE #2 CALIFORNIA BRAILLE SIGNAGE PER CBC 11B-216.3, 11B-216.4, 11B-703.
ILLUMINATED EXIT SIGN, SEE ELECTRICAL DRAWINGS
SIGN TO BE MOUNTED ON THE WALL, AT THE LATCH SIDE OF THE DOOR, TYP.
SIGN @ ℄ FLR. SPACE
18" MIN. CLR. FLR. SPACE
48" MIN. A.F.F., MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS 60" MAX. A.F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS

2 A1.05 TYPICAL EXIT SIGNAGE

ADX200-01

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


TACTILE & BRAILLE ROOM ID SIGNAGE, CBC 11B-216.2 ALL UPPER CASE TEXT ⅝"-2" HEIGHT CONTRACTED GRADE 2 CALIFORNIA BRAILLE PER SPEC. SECT. 10426.
DOOR SIDELITE IF OCCURS
SUBSURFACE NON-TACTILE UPPER/LOWER CASE. NO BRAILLE REQ'D
COMPLIANT OPTIONS
280
BRAILLE
ROOM NAME
Room Name
SIGN @ ℄ FLR. SPACE
18" MIN. CLR. FLR. SPACE
⅜" MIN. TO ½" MAX.
48" MIN. A.F.F., MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS 60" MAX. A.F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS
70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND

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

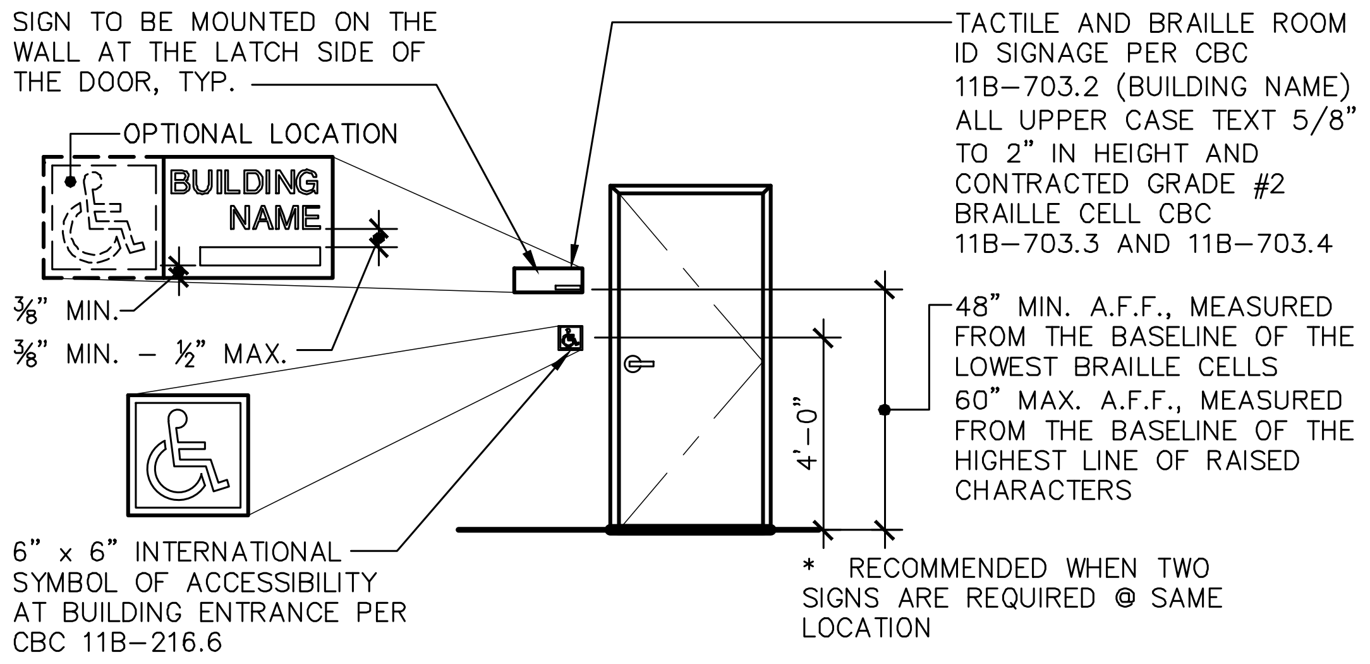
3 A1.05 ROOM ID SIGNAGE

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.


SIGN TO BE MOUNTED ON THE WALL AT THE LATCH SIDE OF THE DOOR, TYP.
OPTIONAL LOCATION
BUILDING NAME
⅜" MIN.
⅜" MIN. - ½" MAX.
6" x 6" INTERNATIONAL SYMBOL OF ACCESSIBILITY AT BUILDING ENTRANCE PER CBC 11B-216.6
TACTILE AND BRAILLE ROOM ID SIGNAGE PER CBC 11B-703.2 (BUILDING NAME) ALL UPPER CASE TEXT 5/8" TO 2" IN HEIGHT AND CONTRACTED GRADE #2 BRAILLE CELL CBC 11B-703.3 AND 11B-703.4
48" MIN. A.F.F., MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS 60" MAX. A.F.F., MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS
4'-0"
* RECOMMENDED WHEN TWO SIGNS ARE REQUIRED @ SAME LOCATION

5 A1.05 BUILDING ENTRANCE/I.S.A. SIGNAGE

ADA100-01

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

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DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

Project Address:

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

integrated designs
by SOMAM, Inc.

ARCHITECTURE
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CURTIS E. FLYNN
No. C 28966
REN. 5-31-27

Sheet Title:

SITE DETAILS

Job No.: **5682.2**

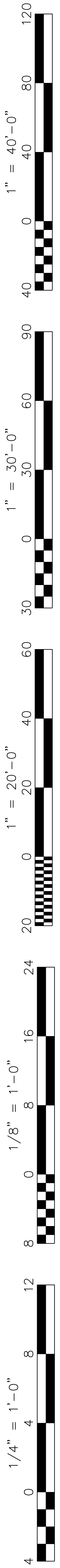
Sheet No.: **A1.05**

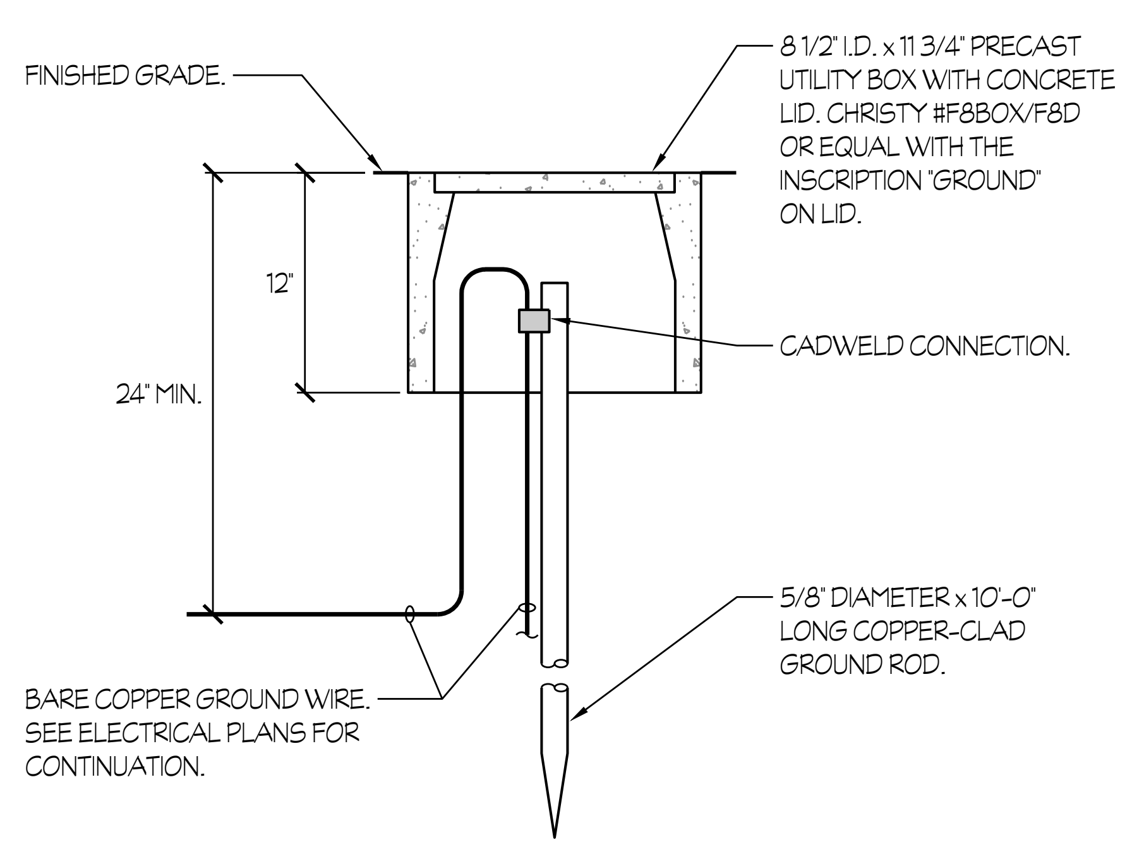
Release:

Issue Date 6/23/26

G:\2026frs\26-5682.2 BCSD CESAR CHAVEZ E.S. 2 RELOCATABLE CR BLDG\Sheets SEAN PARKER

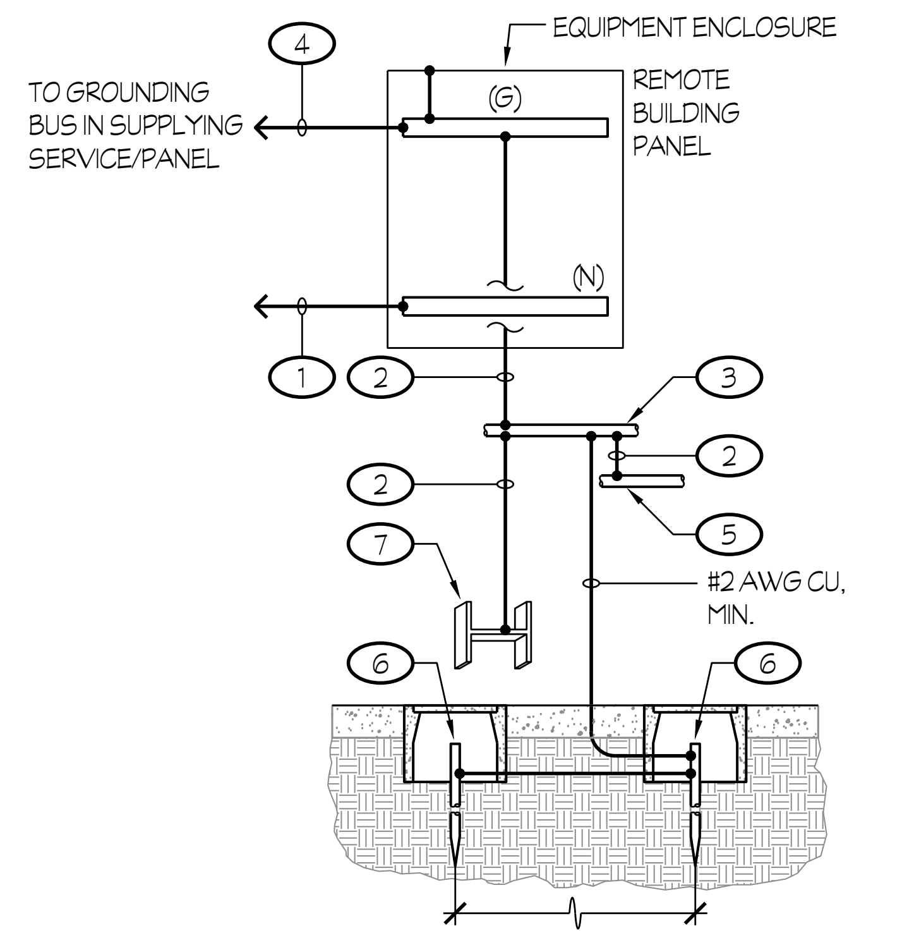
Z:\Drafting\Jobs\RSE\SCHOOLS\Bakersfield\Bakersfield City School District\5682.2 Cesar Chavez Relo 28-29\EG1.00.dwg DATE SAVED: 06/10/26 BY: Nicole DATE PLOTTED: 06/18/26 JOB #: 26-010.02-SE




FINISHED GRADE.
8 1/2" I.D. x 11 3/4" PRECAST UTILITY BOX WITH CONCRETE LID. CHRISTY #F8BOX/F8D OR EQUAL WITH THE INSCRIPTION "GROUND" ON LID.
12"
24" MIN.
CADWELD CONNECTION.
5/8" DIAMETER x 10'-0" LONG COPPER-CLAD GROUND ROD.
BARE COPPER GROUND WIRE. SEE ELECTRICAL PLANS FOR CONTINUATION.

2 GROUND WELL DETAIL

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), (5) 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.

3 REMOTE BUILDING PANEL - GROUNDING AND BONDING

NTS

ELECTRICAL SYMBOLS

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

⊖ A/3	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)
—III—	ANY CONDUIT RUN - 1/2"C - 3 #12 AWG THWN + 1 #12 GND
—IIII—	" " - 3/4"C - 4 #12 AWG THWN + 1 #12 GND
—IIIII—	" " - 3/4"C - 5 #12 AWG THWN + 1 #12 GND
—IIIIII—	" " - 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
Ⓙ	JUNCTION BOX EQUIPPED WITH BLANK COVER
~Ⓙ	JUNCTION BOX EQUIPPED WITH BLANK COVER AND FLEX CONNECTION
(SD)	ADDRESSABLE SMOKE DETECTOR MOUNTED ON CEILING
⟨HD⟩	HEAT DETECTOR MOUNTED IN ATTIC
(A) (SV)(75)	FIRE ALARM SPEAKER/75 CANDELA VISUAL STROBE (CEILING MOUNTED)
[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/E1.03 FOR RESPECTIVE MOUNTING HEIGHTS.

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.

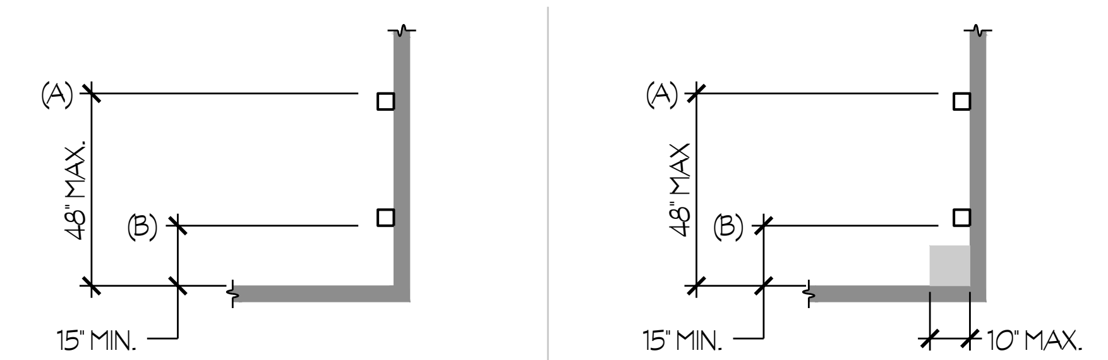
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13.

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

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

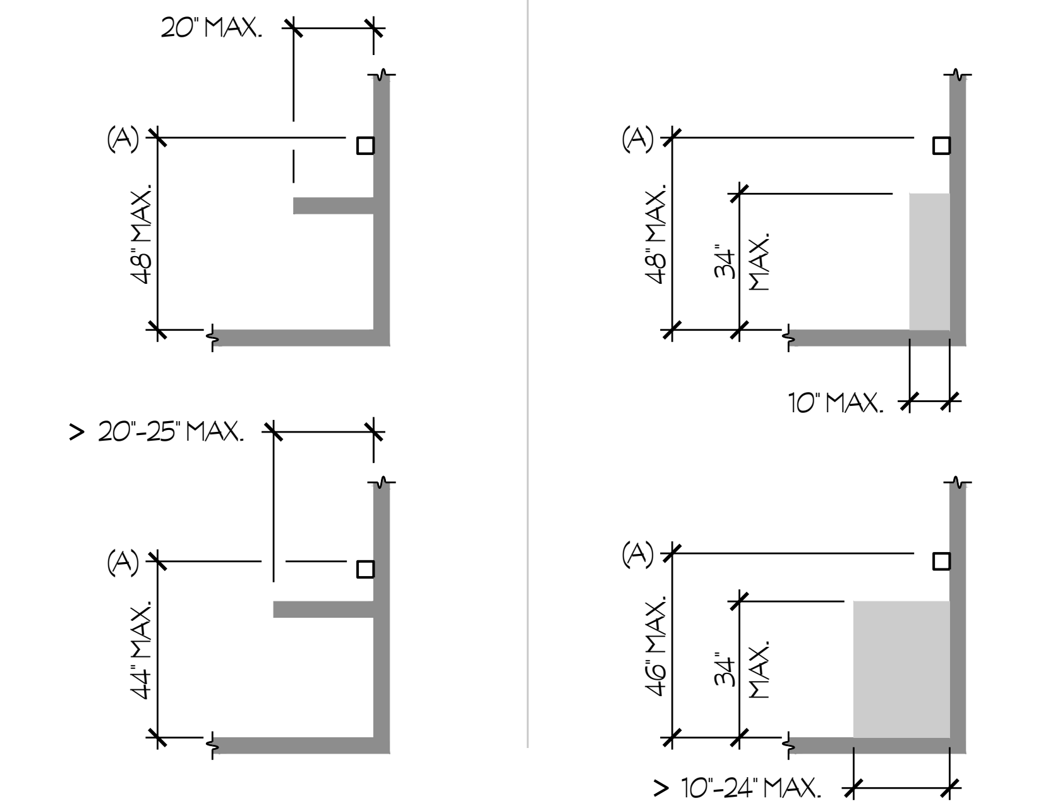
MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL

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



UNOBSTRUCTED FORWARD REACH
(C.B.C FIGURE 11B-308.2.1)

UNOBSTRUCTED SIDE REACH
(C.B.C FIGURE 11B-308.3.1)



OBSTRUCTED HIGH FORWARD REACH
(C.B.C FIGURE 11B-308.2.2)

OBSTRUCTED HIGH SIDE REACH
(C.B.C FIGURE 11B-308.3.2)

(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).

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

STEVEN KIRK EASTHAM
No. E-18786
Exp. 6/30/27

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

Project Address:

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

integrated designs
by SOMAM, Inc.

**ARCHITECTURE
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CURTIS E. FLYNN
No. C 28966
REN. 5-31-27

Sheet Title:

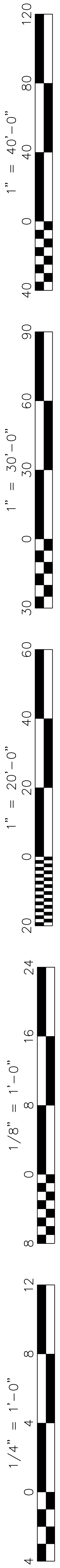
ELEC. SYMBOLS, CODES & NOTES

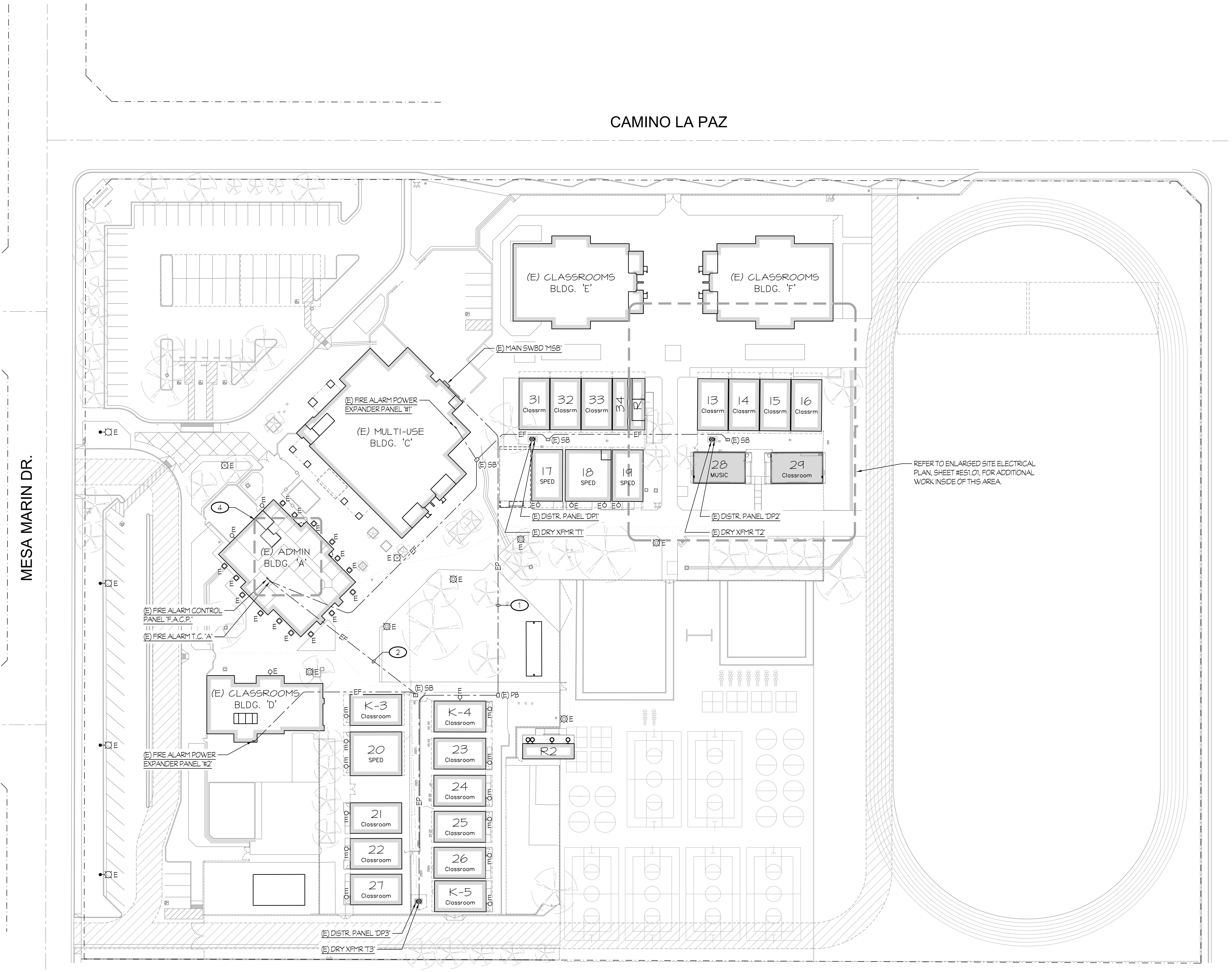
Job No.: **5682.2**

Sheet No.: EG1.00

Release: DSA SUBMITTAL
Issue Date:

NICOLE CORRIGAN





SITE ELECTRICAL PLAN

2 RELOCATABLE CLASSROOM

SCALE: 1" = 40'

NOTES (THIS SHEET ONLY):

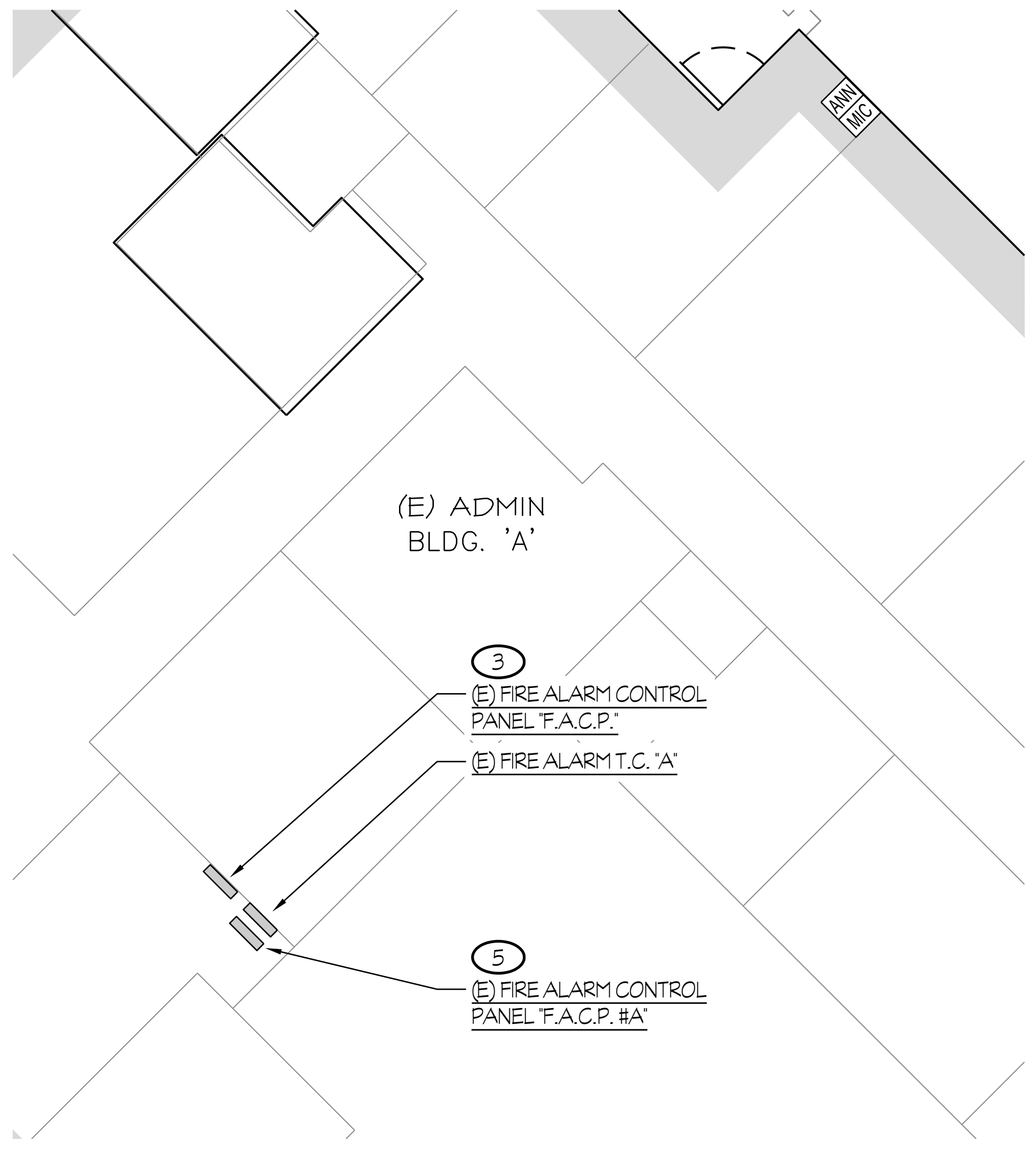
① — - —EP— - — DENOTES THE APPROXIMATE LOCATION OF EXISTING "POWER" FEEDERS AND/OR "SPARE" CONDUITS. VERIFY EXACT LOCATION AT SITE.

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 THE EXISTING FIRE ALARM CONTROL PANEL "F.A.C.P.-A" IS BEING FURNISHED AND INSTALLED UNDER SEPRATE D.S.A. APPLICATION STILL PENDING SUBMITTED ON 6/17/26.


(E) ADMIN BLDG. 'A'
3
(E) FIRE ALARM CONTROL PANEL "F.A.C.P."
(E) FIRE ALARM T.C. "A"
5
(E) FIRE ALARM CONTROL PANEL "F.A.C.P. #A"

FIRE ALARM PLAN - ADMIN.

SCALE: 1/8" = 1'

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

STEVEN KIRK EASTHAM
No. E-18786
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1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

Project Address:

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SITE ELECTRICAL PLAN

Job No.: **5682.2**

Sheet No.: ES1.00

Release: DSA SUBMITTAL

Issue Date:

NICOLE CORRIGAN

Z:\Drafting\Jobs\RSE\SCHOOLS\Bakersfield\Bakersfield City School District\5682.2 Cesar Chavez Relo 28-29\ES1.01.dwg DATE SAVED: 06/08/26 BY: Nicole DATE PLOTTED: 06/10/26 JOB #: 26-010.02-SE

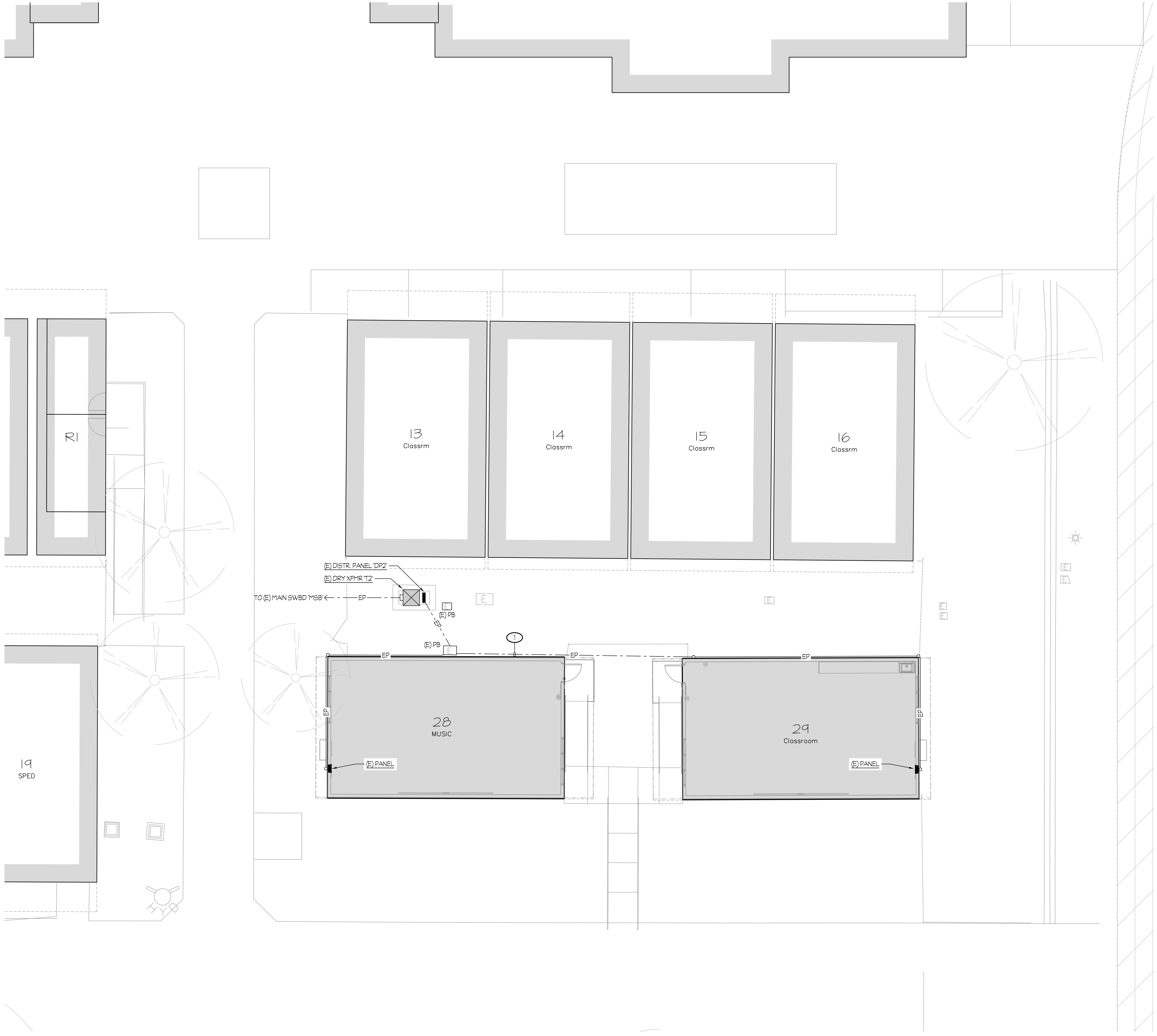
1" = 40'-0"

1" = 30'-0"

1" = 20'-0"

1/8" = 1'-0"

1/4" = 1'-0"



NOTES (THIS SHEET ONLY):

① — - —EP— - — DENOTES THE APPROXIMATE LOCATION OF EXISTING "POWER" FEEDERS AND/OR "SPARE" CONDUITS. VERIFY EXACT LOCATION AT SITE.

ENLARGED SITE ELECTRICAL PLAN

2 RELOCATABLE CLASSROOM

SCALE: 1/8" = 1'

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Visalia, California 93292-6705

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ENLARGED SITE ELEC. PLAN

Job No.: **5682.2**

Sheet No.: ES1.01

Release: DSA SUBMITTAL Issue Date:

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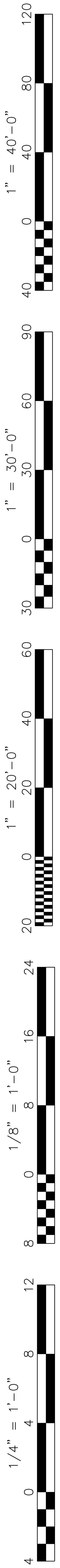
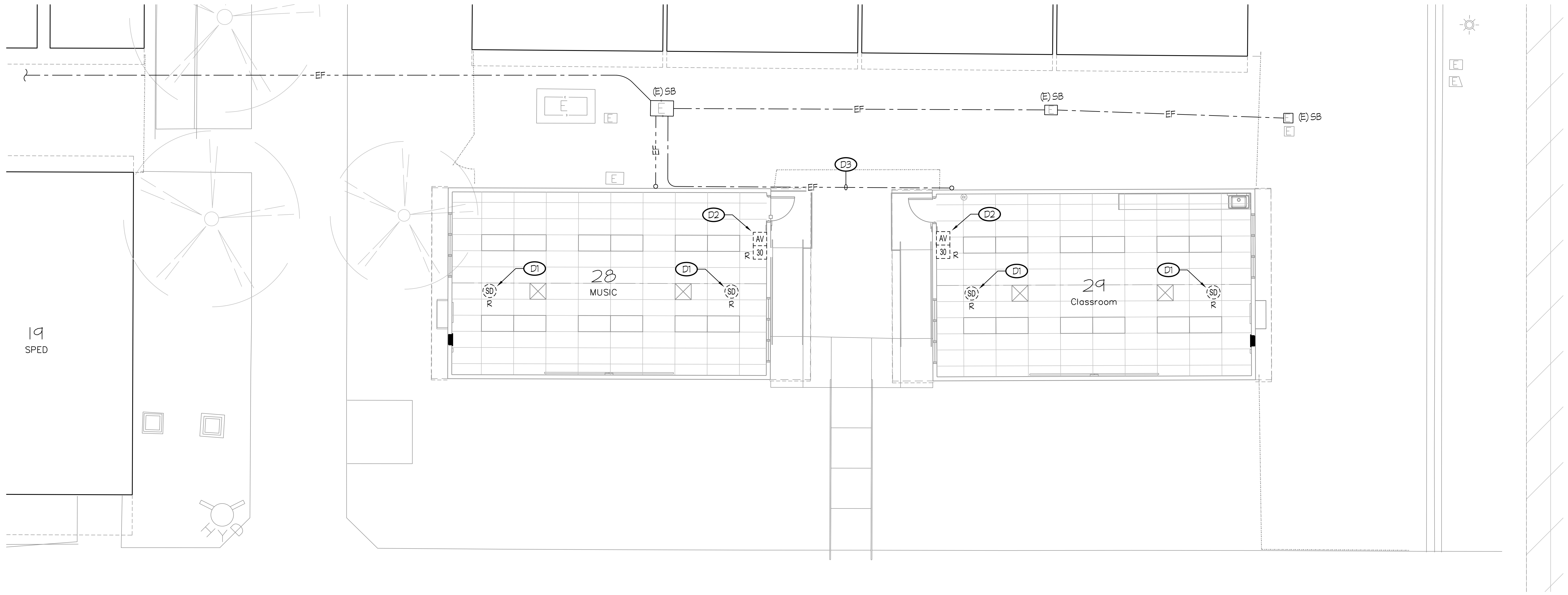
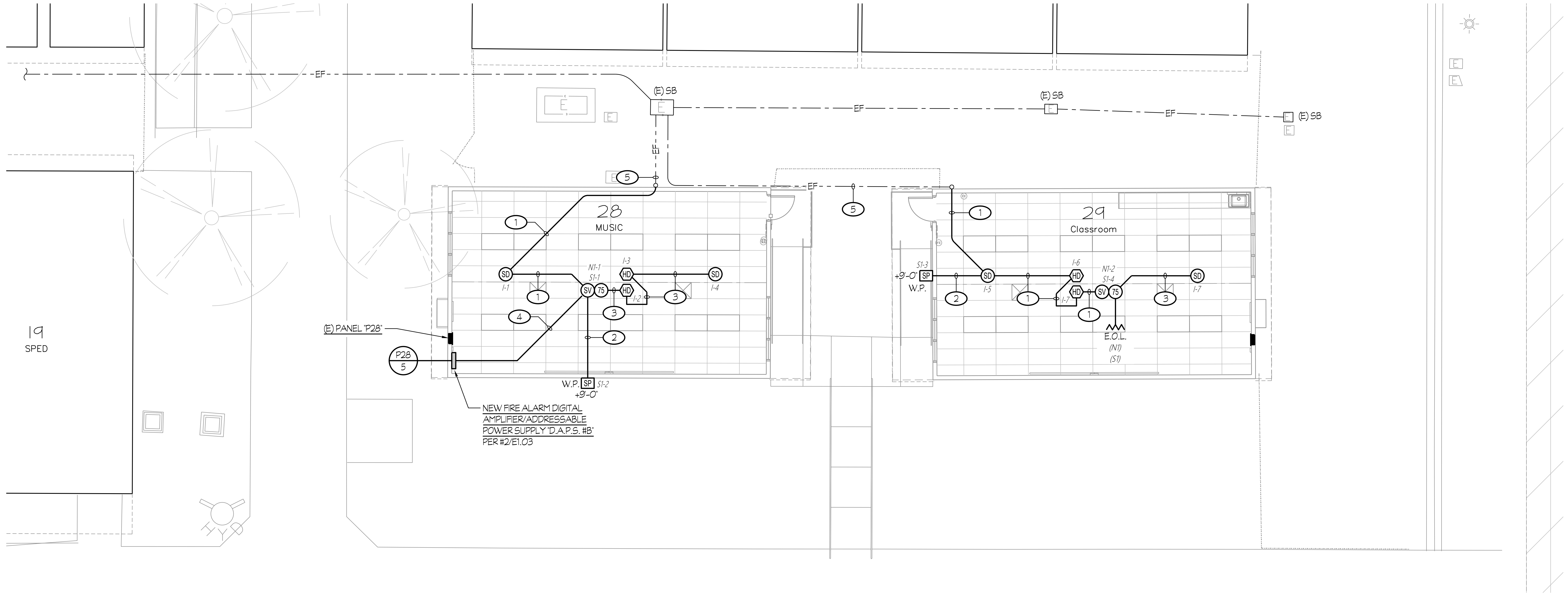




DEMOLITION FIRE ALARM PLAN

2 RELOCATABLE CLASSROOM

SCALE: 1/8" = 1'



FIRE ALARM PLAN

2 RELOCATABLE CLASSROOM

SCALE: 1/8" = 1'

DEMOLITION NOTES (THIS SHEET ONLY):

- (D1) 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.
- (D2) 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.
- (D3) — - —EF— - — DENOTES THE APPROXIMATE LOCATION OF EXISTING "FIRE ALARM" FEEDERS AND/OR "SPARE" CONDUITS. VERIFY EXACT LOCATION AT SITE.

NOTES (THIS SHEET ONLY):

- (1) 3/4"C - TWO "FA" CABLES, ONE "FSP" CABLE, 2 #12.
- (2) 1/2"C - ONE "FSP" CABLE.
- (3) 3/4"C - TWO "FA" CABLES.
- (4) 3/4"C - ONE "FSP" CABLE, 2 #12.
- (5) REFER TO FIRE ALARM SYSTEM RISER DIAGRAM, DETAIL #1/E1.02 FOR FIRE ALARM FEEDER OR "SPARE" CONDUIT REQUIREMENTS.

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).

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

STEVEN KIRK EASTHAM
No. E-18786
Exp. 6/30/27

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

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:

CURTIS E. FLYNN
No. C 28966
REN. 5-31-27

Sheet Title:

FIRE ALARM PLANS

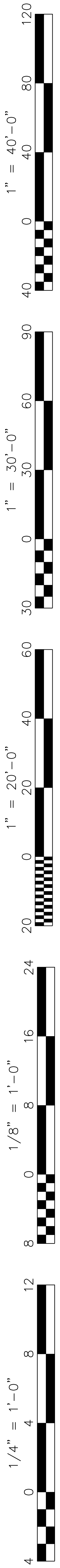
Job No.: **5682.2**

Sheet No.: E1.00

Release: DSA SUBMITTAL
Issue Date:

NICOLE CORRIGAN

Z:\Drafting\Jobs\RSE\SCHOOLS\Bakersfield\Bakersfield City School District\5682.2 Cesar Chavez Relo 28-29\E1.00.dwg DATE SAVED: 06/10/26 BY: Nicole DATE PLOTTED: 06/10/26 JOB #: 26-010.02-SE



NOTE:
THIS PROJECT SHALL NOT BE CERTIFIED
UNTIL PROJECT APP#03-126207 IS
CERTIFIED DUE TO FIRE ALARM SCOPE

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(a) 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 MANUFACTURERS 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 11B-305 AND 11B-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 AMPLFIER/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 AMPLFIER/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 AMPLFIER/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 AMPLFIER/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.)
③ FACP	EXISTING FIRE ALARM CONTROL PANEL "F.A.C.P."	NOTIFIER SYSTEM 500	7165-0028:0157	———	———
④ FACP	EXISTING FIRE ALARM CONTROL PANEL "F.A.C.P. #A"	NOTIFIER #CPS-N16LD #CAB-5 #DVC-EM #DVC-KD #DAA2-5070 #CMIC-1	7165-0028:0516 7165-0028:0243	INCLUDED	———
DAPS	FIRE ALARM DIGITAL AMPLIFIER/ ADDRESSABLE POWER SUPPLY "D.A.P.S. #B"	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 #2/E1.03
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/E1.03
HD	ADDRESSABLE HEAT DETECTOR, MOUNTED IN ATTIC (190°F)	NOTIFIER #FST-851H/B210LP	7270-0028:0196 7300-1653:0109	4" SQ. x 2 1/8" DP. OUTLET BOX WITH S.G. RAISED RING	PER DETAIL #1/E1.03
SV 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/E1.03
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	———	———

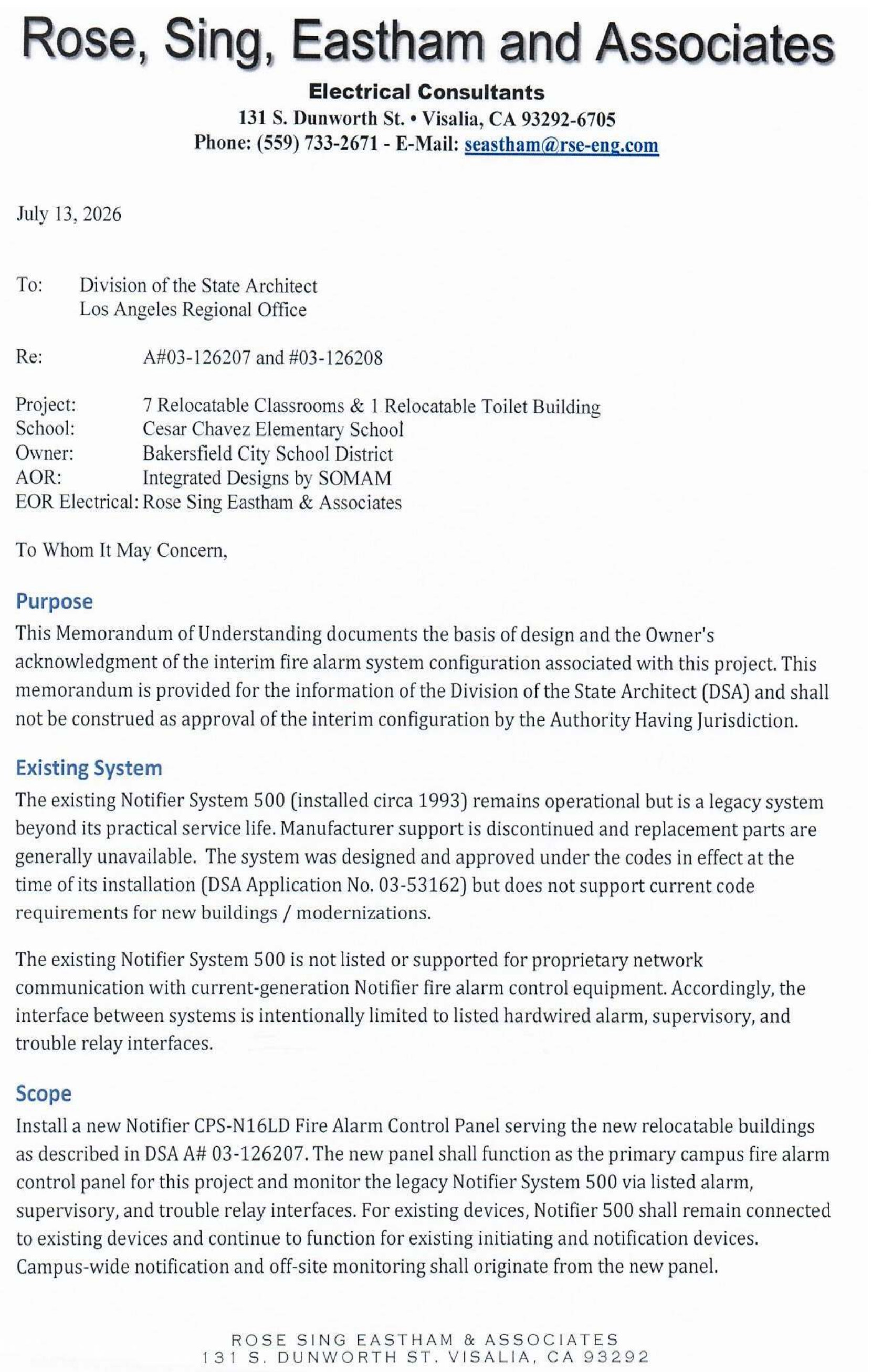
NOTES (FIRE ALARM SYSTEM EQUIPMENT SPECIFICATIONS):

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

④ THE EXISTING FIRE ALARM CONTROL PANEL "F.A.C.P.-A" IS BEING FURNISHED AND INSTALLED UNDER SEPRATE D.S.A. APPLICATION STILL PENDING SUBMITTED ON 6/17/26.



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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

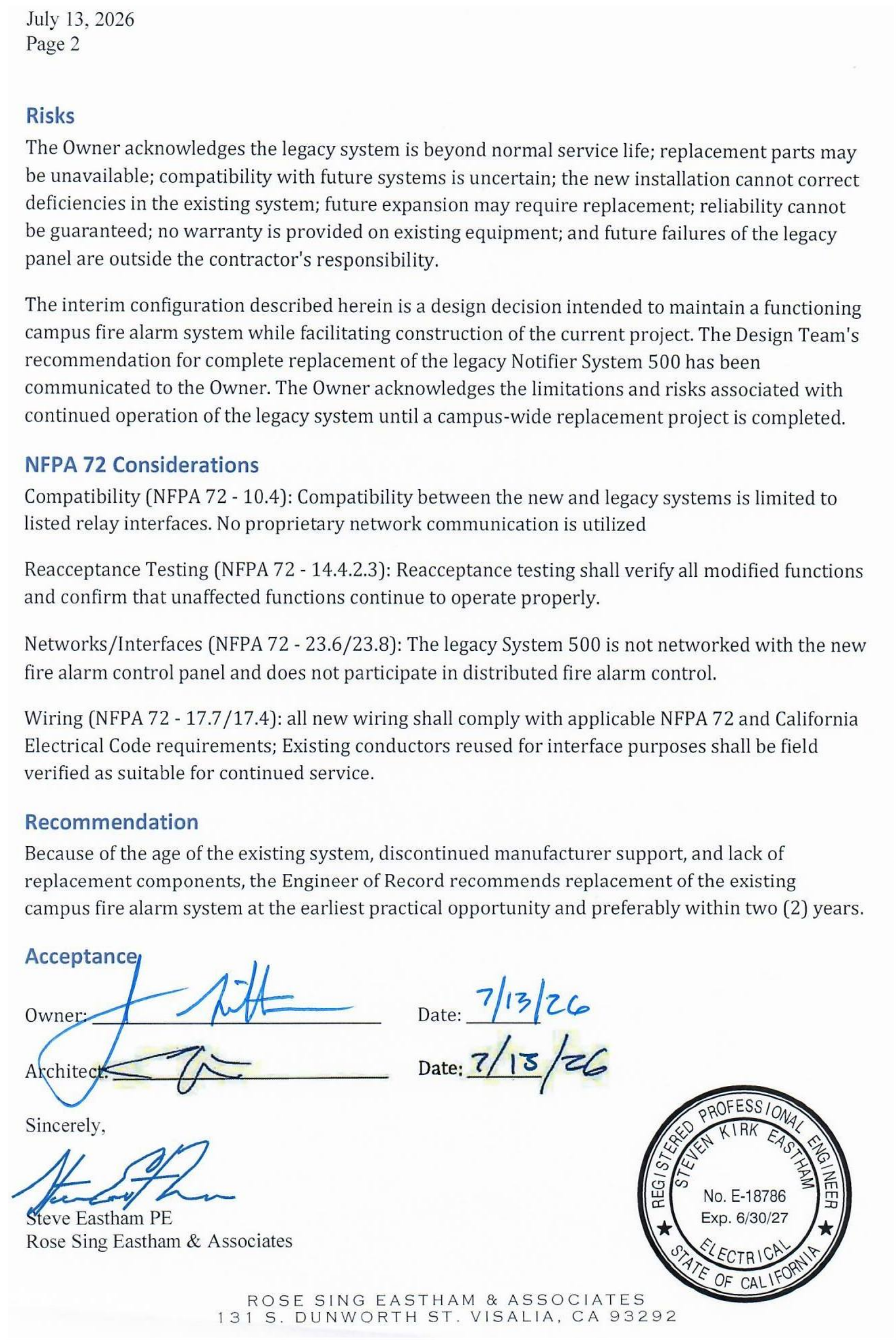
The existing Notifier System 500 (installed circa 1993) remains operational but is a legacy system beyond its practical service life. Manufacturer support is discontinued and replacement parts are generally unavailable. The system was designed and approved under the codes in effect at the time of its 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



July 13, 2026
Page 2

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

STEVEN KIRK EASTHAM
No. E-18786
Exp. 6/30/27

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

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STEVEN KIRK EASTHAM
No. E-18786
Exp. 6/30/27

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DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

Project Address:

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

integrated designs
by SOMAM, Inc.
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CURTIS E. FLYNN
No. C 28966
REN. 5-31-27

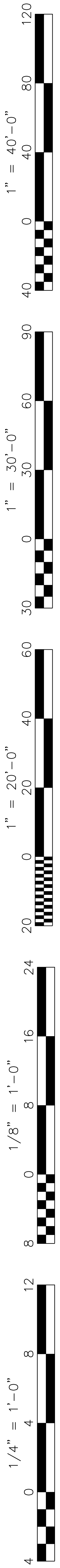
Sheet Title:
F.A. SYSTEM SPECS, CODES AND NOTES

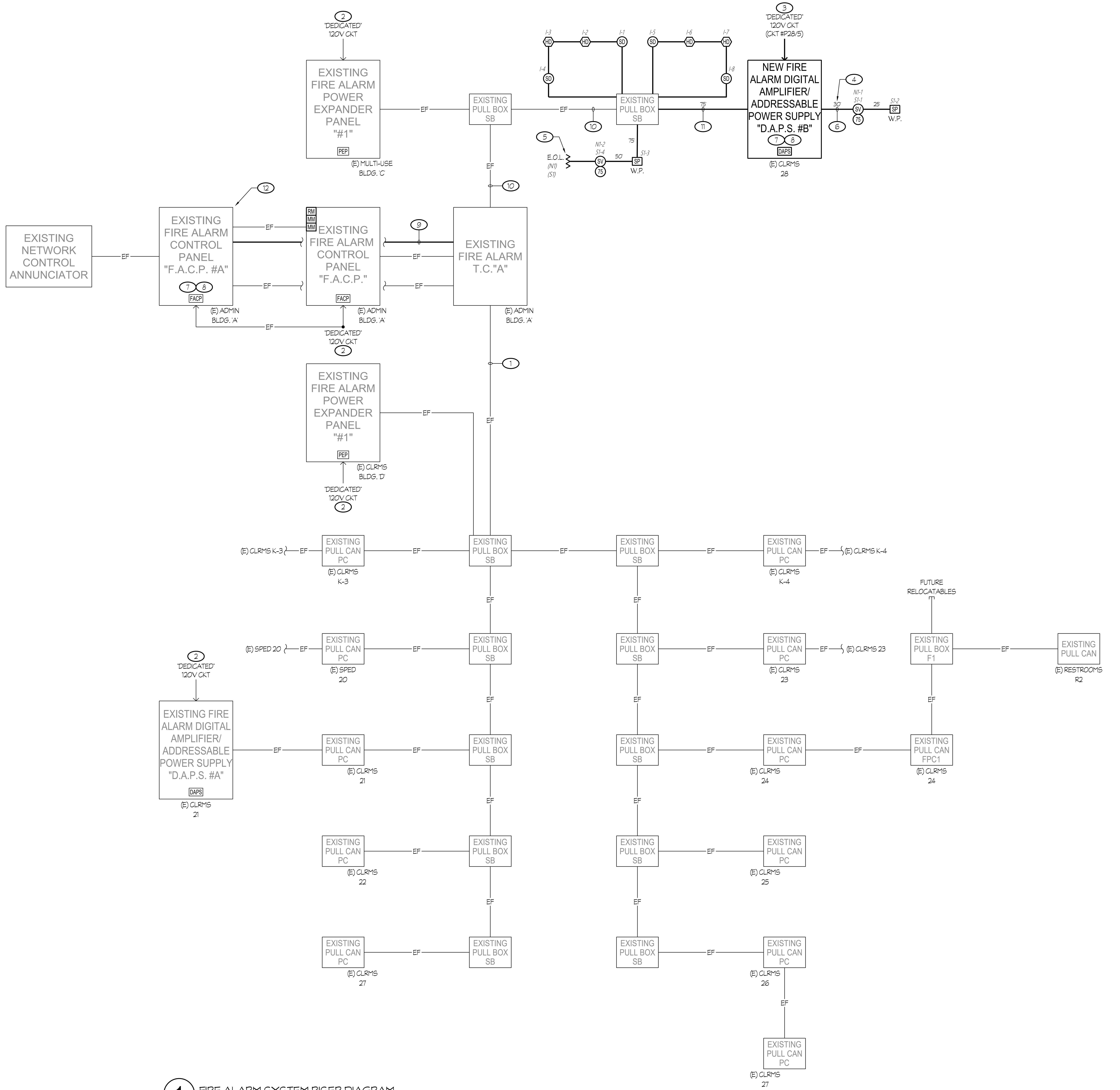
Job No.: **5682.2**

Sheet No.: **E1.01**

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. CIRCUIT BREAKER SHALL BE EQUIPPED WITH A LOCK-ON ACCESSORY, "RED" IN COLOR, SPACEAGE #ELOCK-FA OR EQUAL. PROVIDE AN ENGRAVED NAMEPLATE: "FIRE ALARM - LEAVE ON". NAMEPLATE SHALL HAVE WHITE LETTERS ON A RED BACKGROUND.
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 #E1.00, 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. 3/4"C - ONE 'SFA' CABLE (SLC), ONE 'SFSP' CABLE (AUDIO NETWORK).
10. EXISTING CONDUIT - NEW ONE 'SFA' CABLE (SLC), ONE 'SFSP' CABLE (AUDIO NETWORK). CONTRACTOR SHALL PLAN TO PULL OLD CABLES OUT OF EXISTING CONDUIT AND REPULL WITH NEW CABLES AS REQUIRED.
11. 1-1/2"C - TWO 'SFA' CABLES (SLC), TWO 'SFSP' CABLE (AUDIO NETWORK + *S1*), 2#12 (*N1*).
12. THE EXISTING FIRE ALARM CONTROL PANEL "F.A.C.P.-A" IS BEING FURNISHED AND INSTALLED UNDER SEPRATE D.S.A. APPLICATION STILL PENDING SUBMITTED ON 6/17/26.

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).

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Sheet Title:

F.A. SYSTEM RISER DIAGRAM

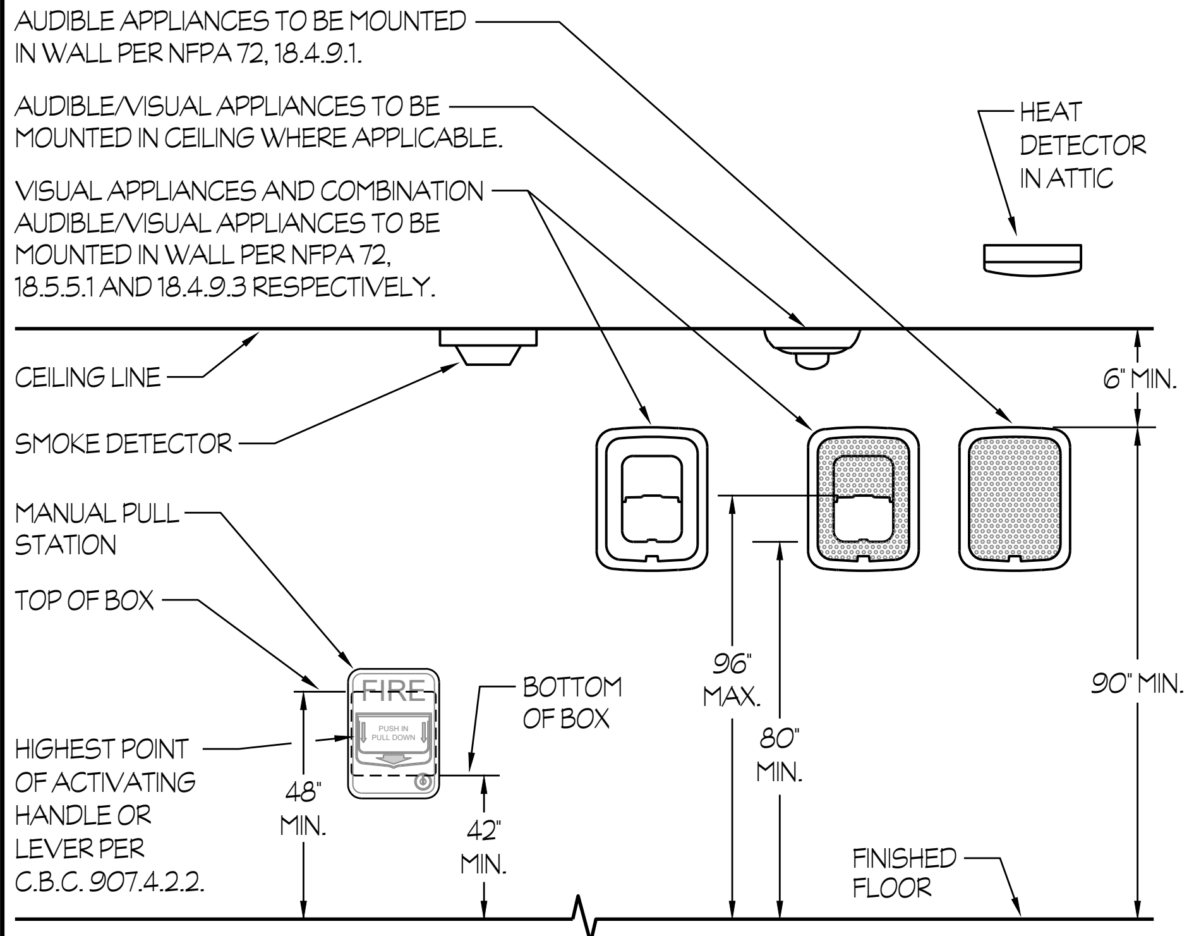
Job No.: **5682.2**

Sheet No.: E1.02

Release: DSA SUBMITTAL
Issue Date:

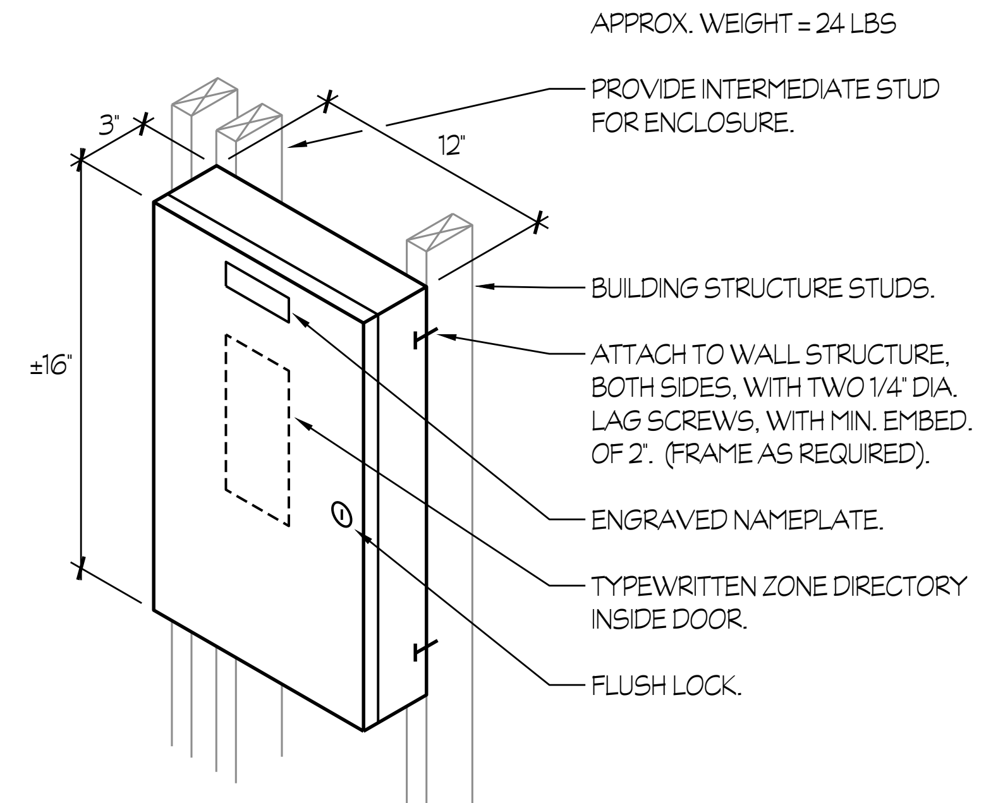
NICOLE CORRIGAN

Z:\Drafting\Jobs\RSE\SCHOOLS\Bakersfield\Bakersfield City School District\5682.2 Cesar Chavez Relo 28-29\E1.02.dwg DATE SAVED: 06/10/26 BY: Nicole DATE PLOTTED: 06/10/26 JOB #: 26-010.02-SE


AUDIBLE APPLIANCES TO BE MOUNTED IN WALL PER NFPA 72, 18.4.9.1.
AUDIBLE/VISUAL APPLIANCES TO BE MOUNTED IN CEILING WHERE APPLICABLE.
VISUAL APPLIANCES AND COMBINATION AUDIBLE/VISUAL APPLIANCES TO BE MOUNTED IN WALL PER NFPA 72, 18.5.5.1 AND 18.4.9.3 RESPECTIVELY.
HEAT DETECTOR IN ATTIC
CEILING LINE
SMOKE DETECTOR
MANUAL PULL STATION
TOP OF BOX
FIRE
PUSH IN PULL DOWN
BOTTOM OF BOX
HIGHEST POINT OF ACTIVATING HANDLE OR LEVER PER C.B.C. 907.4.2.2.
48" MIN.
42" MIN.
96" MAX.
80" MIN.
6" MIN.
90" MIN.
FINISHED FLOOR

1 FIRE ALARM DEVICES ELEVATION

NTS


APPROX. WEIGHT = 24 LBS
PROVIDE INTERMEDIATE STUD FOR ENCLOSURE.
3"
12"
±16"
BUILDING STRUCTURE STUDS.
ATTACH TO WALL STRUCTURE, BOTH SIDES, WITH TWO 1/4" DIA. LAG SCREWS, WITH MIN. EMBED. OF 2". (FRAME AS REQUIRED).
ENGRAVED NAMEPLATE.
TYPEWRITTEN ZONE DIRECTORY INSIDE DOOR.
FLUSH LOCK.

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

NTS

VOLTAGE DROP CALCULATIONS (OHM'S LAW)

$$\text{VOLTAGE DROP} = 2\left(\begin{matrix}\text{DC RESISTANCE AT 75°C}\\ \text{FROM TABLE 8, C.E.C.}\end{matrix}\right)\left(\frac{\text{LENGTH OF CIRCUIT}}{1000}\right)\left(\begin{matrix}\text{CURRENT}\\ \text{I}\end{matrix}\right)$$

$$\text{PERCENT VOLTAGE DROP} = \frac{\text{VOLTAGE DROP}}{\text{NOMINAL VOLTAGE}} \times 100$$

1. NOTIFICATION APPLIANCE CIRCUIT "*N1*":

ⓈⓋ ⑦⑤ : 2 x 0.111 A = 0.222 A

0.222 A

$$\text{VOLTAGE DROP} = 2(1.98)\left(\frac{255}{1000}\right)(0.222) = 0.22 \text{ V.D.}$$

$$\text{PERCENT VOLTAGE DROP} = \frac{0.22}{24} \times 100 = 0.9\,\%$$

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

DESCRIPTION	QUANTITY	SUPV. CURRENT		ALARM CURRENT	
		EACH	SUB-TOTAL	EACH	SUB-TOTAL
CONTROL PANEL WITH DACT	1	0.54200	0.54200	0.73700	0.73700
EXISTING MANUAL PULL STATION	1	0.00038	0.000	0.00038	0.00038
EXISTING SMOKE DETECTOR	18	0.00030	0.00540	0.00030	0.00540
EXISTING ATTIC HEAT DETECTOR	18	0.00030	0.00540	0.00030	0.00540
EXISTING MONITOR MODULE	2	0.00035	0.00070	0.00035	0.00070
EXISTING RELAY MODULE	1	0.00026	0.00026	0.00026	0.00026
SMOKE DETECTOR	4	0.00030	0.00120	0.00030	0.00120
ATTIC HEAT DETECTOR	4	0.00030	0.00120	0.00030	0.00120
TOTALS			0.557		0.752

TOTAL ALARM CURRENT OF 0.752 x 0.250 (15 MINUTES)	= 0.188 A.H.
TOTAL SUPERVISORY CURRENT OF 0.557 x 24 HOURS	= 13.368 A.H.
TOTAL AMP HOURS REQUIRED	13.556 A.H.
	x 1.25 SAFETY FACTOR
	16.945 A.H.

PROVIDE 18.0 AMP HOUR BATTERIES

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

	DESCRIPTION	QUANTITY	SUPV. CURRENT		ALARM CURRENT	
			EACH	SUB-TOTAL	EACH	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
(A)	SPEAKER/75cd STROBE (CEILING)	2	—	—	0.11100	0.22200
	TOTALS			0.530		0.902

TOTAL ALARM CURRENT OF 0.902 x 0.250 (15 MINUTES)	= 0.226 A.H.
TOTAL SUPERVISORY CURRENT OF 0.530 x 24 HOURS	= 12.720 A.H.
TOTAL AMP HOURS REQUIRED	12.946 A.H.
	x 1.25 SAFETY FACTOR
	16.183 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	0	0.000	4	0.057	1225.00	18	70.0000	4.0000	0.00

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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F.A. SYSTEM DETAILS AND CALCS.

Job No.: **5682.2**

Sheet No.: E1.03

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Issue Date:

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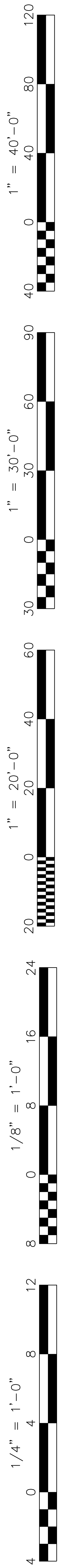

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NOTES (THIS SHEET ONLY):

① — - —ES— - — DENOTES THE APPROXIMATE LOCATION OF EXISTING "SIGNALS" FEEDERS AND/OR "SPARE" CONDUITS. VERIFY EXACT LOCATION AT SITE.

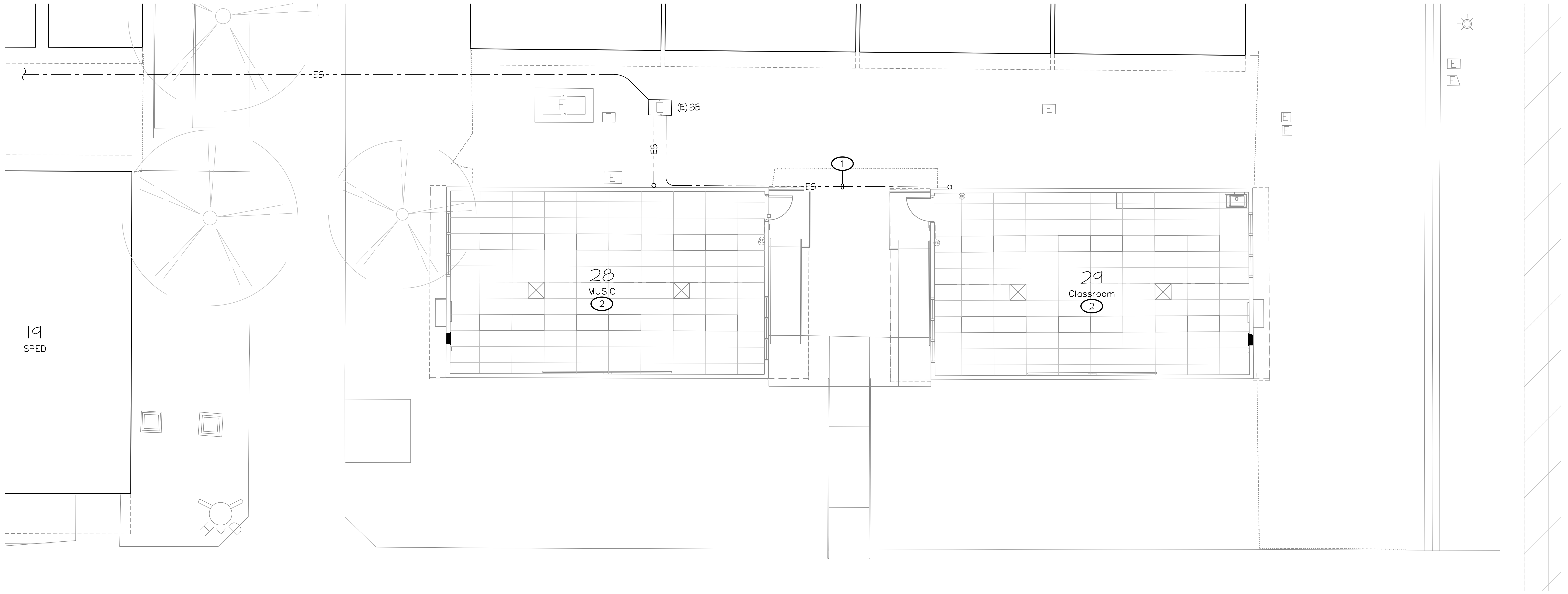
② EXISTING SIGNAL CABLES AND DEVICES NOT EXPECTED TO BE AFFECTED BY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH GENERAL CONTRACTOR.

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.



SIGNALS PLAN
2 RELOCATABLE CLASSROOM

SCALE: 1/8" = 1'

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SIGNALS PLAN

Job No.: **5682.2**

Sheet No.: E2.00

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1" = 40'-0"

1" = 30'-0"

1" = 20'-0"

1/8" = 1'-0"

1/4" = 1'-0"

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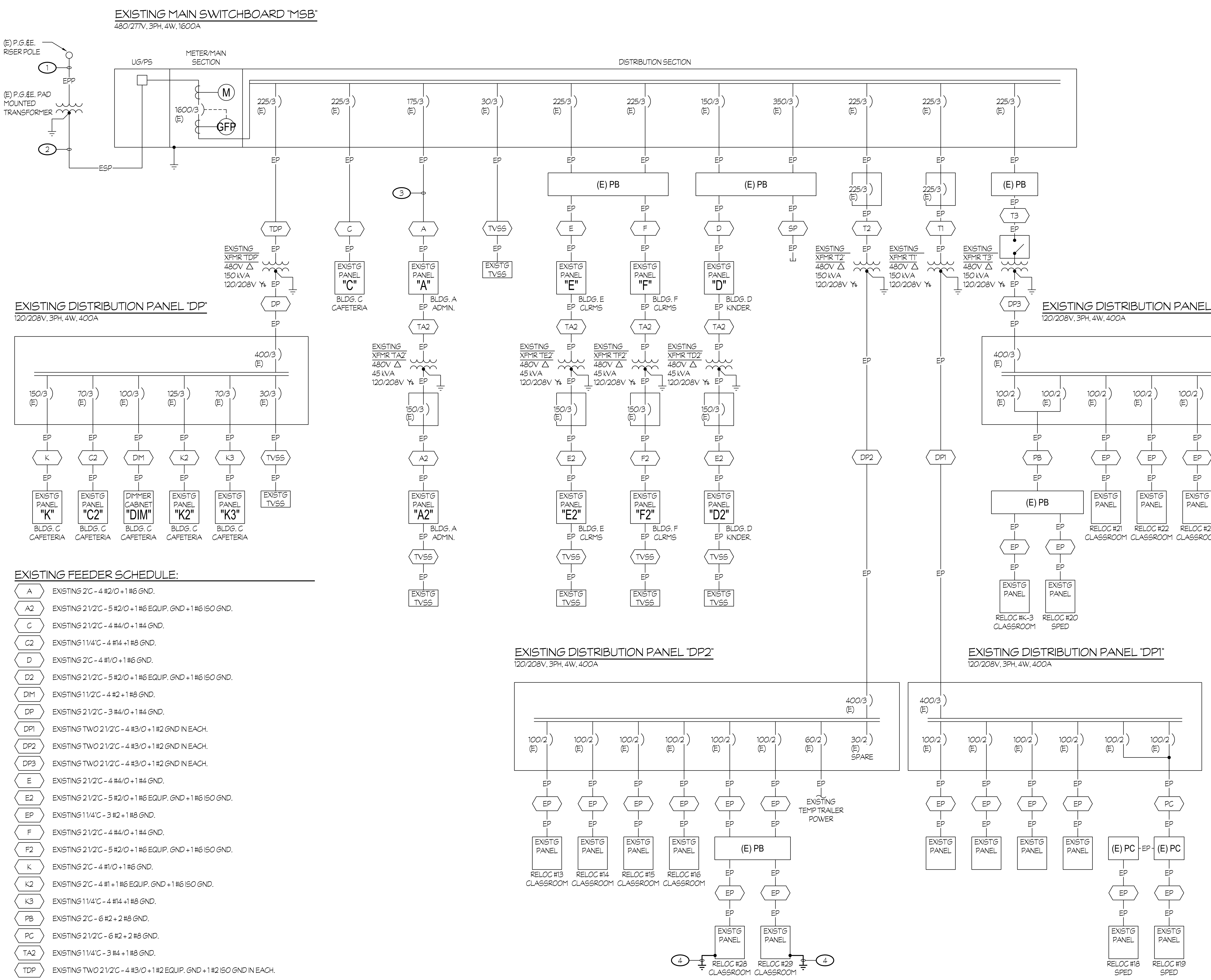
EXISTING MAIN SWITCHBOARD "MSB"
480/277V, 3PH, 4W, 1600A
(E) P.G.&E. RISER POLE
(E) P.G.&E. PAD MOUNTED TRANSFORMER
EPP
ESP
UG/PS
METER/MAIN SECTION
M
GFP
1600/3 (E)
DISTRIBUTION SECTION
225/3 (E)
175/3 (E)
30/3 (E)
150/3 (E)
350/3 (E)
EP
(E) PB
TDP
C
A
TVSS
E
F
D
SP
T2
T1
T3
EXISTING XFMR "TDP" 480V Δ 150 kVA 120/208V Y
EXISTING XFMR "T2" 480V Δ 150 kVA 120/208V Y
EXISTING XFMR "T1" 480V Δ 150 kVA 120/208V Y
EXISTING XFMR "T3" 480V Δ 150 kVA 120/208V Y
EXIST'G PANEL "C" BLDG. C CAFETERIA
EXIST'G PANEL "A" BLDG. A ADMIN.
EXIST'G TVSS
EXIST'G PANEL "E" BLDG. E CLRMS
EXIST'G PANEL "F" BLDG. F CLRMS
EXIST'G PANEL "D" BLDG. D KINDER.
TA2
EXISTING XFMR "TA2" 480V Δ 45 kVA 120/208V Y
EXISTING XFMR "TE2" 480V Δ 45 kVA 120/208V Y
EXISTING XFMR "TF2" 480V Δ 45 kVA 120/208V Y
EXISTING XFMR "TD2" 480V Δ 45 kVA 120/208V Y
A2
E2
F2
D2
EXIST'G PANEL "A2" BLDG. A ADMIN.
EXIST'G PANEL "E2" BLDG. E CLRMS
EXIST'G PANEL "F2" BLDG. F CLRMS
EXIST'G PANEL "D2" BLDG. D KINDER.
EXISTING DISTRIBUTION PANEL "DP"
120/208V, 3PH, 4W, 400A
400/3 (E)
150/3 (E)
70/3 (E)
100/3 (E)
125/3 (E)
K
C2
DIM
K2
K3
EXIST'G PANEL "K" BLDG. C CAFETERIA
EXIST'G PANEL "C2" BLDG. C CAFETERIA
DIMMER CABINET "DIM" BLDG. C CAFETERIA
EXIST'G PANEL "K2" BLDG. C CAFETERIA
EXIST'G PANEL "K3" BLDG. C CAFETERIA
DP
DP1
DP2
DP3
EXISTING DISTRIBUTION PANEL "DP3"
120/208V, 3PH, 4W, 400A
100/2 (E)
60/2 (E)
20/1 (E)
PB
EXISTING GREENHOUSE
EXISTING OUTDOOR RECEPT.
EXIST'G PANEL RELOC #K-3 CLASSROOM
EXIST'G PANEL RELOC #20 SPED
EXIST'G PANEL RELOC #21 CLASSROOM
EXIST'G PANEL RELOC #22 CLASSROOM
EXIST'G PANEL RELOC #27 CLASSROOM
EXIST'G PANEL RELOC #K-4 CLASSROOM
EXIST'G PANEL RELOC #23 CLASSROOM
EXIST'G PANEL RELOC #24 CLASSROOM
EXIST'G PANEL RELOC #25 CLASSROOM
EXIST'G PANEL RELOC #26 CLASSROOM
EXIST'G PANEL RELOC #K-5 CLASSROOM
EXISTING DISTRIBUTION PANEL "DP2"
120/208V, 3PH, 4W, 400A
30/2 (E) SPARE
EXISTING TEMP TRAILER POWER
EXIST'G PANEL RELOC #13 CLASSROOM
EXIST'G PANEL RELOC #14 CLASSROOM
EXIST'G PANEL RELOC #15 CLASSROOM
EXIST'G PANEL RELOC #16 CLASSROOM
EXIST'G PANEL RELOC #28 CLASSROOM
EXIST'G PANEL RELOC #29 CLASSROOM
EXISTING DISTRIBUTION PANEL "DP1"
120/208V, 3PH, 4W, 400A
PC
(E) PC
EXIST'G PANEL RELOC #18 SPED
EXIST'G PANEL RELOC #19 SPED
1
2
3
4

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.

① ONE LINE DIAGRAM

NTS

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. 1 #8 GND PER DETAIL #3/EG1.00. CONTRACTOR SHALL FIELD VERIFY GROUND AND PROVIDE AS NECESSARY.

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

No. E-18786
Exp. 6/30/27

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

Owner:

BAKERSFIELD CITY SCHOOL DISTRICT
1300 BAKER ST
BAKERSFIELD, CA 93305

Project Name:

2 RELOCATABLE CLASSROOM

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

Ownership of Documents

Stamp:

CURTIS E. FLYNN
No. C 28966
REN. 5-31-27

Sheet Title:

ONE LINE DIAGRAM

Job No.: **5682.2**

Sheet No.: E3.00

Release: DSA SUBMITTAL
Issue Date:

NICOLE CORRIGAN

BUIDLING 28

MODTECH DESIGN MT-2440

PC 04-101268

JOB #4373A

CLASS LEASING INC STOCKPILE #67

100- 24x40 CLASSROOM BUILDINGS

4012-124-12/05/2002-80 MPH

SERIAL NUMBERS	# OF CLASSROOMS	JOB NUMBER	ROOF SLOPE	
59141 - 59178	19	4373	MONO	
59193 - 59232	20	4378	MONO	
59243 - 59244 SPECIAL FLR "C"	1	4384	MONO	
60315 - 60368	27	4438	MONO	
46974-01/02 - 46978-01/02	5	4474	MONO	
47172-01/02 - 47176-01/02	5	4474	MONO	
47147-01/02	1	4505	DUAL	5 TON AC
47216-01/02 - 47222-01/02	7	4525	DUAL	
→ 47520-01/02 - 47534-01/02	15	4592	DUAL	
	100			

REVISE A0.01 COVER SHEET: ADD NEW SHEET NUMBERS

A1.01C	FLOOR PLANS FOR BLDG: C/ WITH STUDENT TOILETS
A3.11C	EXTERIOR ELEVATIONS BLDG: C
A4.01C	INTERIOR ELEVATIONS ELDG: C
A7.01C	REFLECTED CEILING PLANS: C
M1.01C	MECHANICAL PLAN BLDG: C
E1.01C	ELECTRICAL PLAN BLDG: C
R2.01	OFFSET RAMP/LANDING PLAN
R2.02	OFFSET RAMP/STAIR DETAILS

DEC 1 9 2002
REVISED

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DATE DEC 05 2002~~

U.D.P. J. Schaible
FLD. OFFICE
SS CRUSH

△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

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

CHANGES TO THE APPROVED DRAWINGS & 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 ~~OFFICE~~ D.S.A. SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR, R&IP

REVISED NOV 0 9 2000

CBC 1998

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): ~~70 MPH,~~ 80 MPH
FLOOR LIVE LOAD: ~~50 PSF,~~ 50+20 PSF, ~~100 PSF, 125 PSF~~
ROOF LIVE LOAD: 20 PSF

OCCUPANCY: 24'x40' CLASSROOM: E-2
~~36'x40' CLASSROOM: E-1~~
~~48'x40' CLASSROOM: E-1~~

BUILDING AREA:

24'x40' BUILDING -	960 SF	~~96'x40' BUILDING~~	~~3840 SF~~
~~36'x40' BUILDING~~	~~1440 SF~~	~~108'x40' BUILDING~~	~~4320 SF~~
~~48'x40' BUILDING~~	~~1920 SF~~	~~120'x40' BUILDING~~	~~4800 SF~~
~~60'x40' BUILDING~~	~~2400 SF~~	~~132'x40' BUILDING~~	~~5280 SF~~
~~72'x40' BUILDING~~	~~2880 SF~~	~~144'x40' BUILDING~~	~~5760 SF~~
~~84'x40' BUILDING~~	~~3360 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

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

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

ARCHITECTURAL

28-A0.01	COVER SHEET
28-A1.01	FLOOR PLAN - 24'x40'
~~A1.02~~	~~FLOOR PLAN 36'x40'~~
~~A1.03~~	~~FLOOR PLAN 48'x40'~~
~~A1.11~~	~~FLOOR PLAN INDIVIDUAL MODULES~~
~~A1.12~~	~~FLOOR PLAN INDIVIDUAL MODULES~~
~~A1.21~~	~~TYPICAL MULTIPLE UNIT LAYOUTS~~
~~A2.01~~	~~ROOF PLAN 26 GA DUAL PITCH~~
28-A2.02	ROOF PLAN - 26 GA - MONO PITCH
28-A2.03	ROOF DETAILS - 26 GA
~~A2.11~~	~~ROOF PLAN 22 GA DUAL PITCH~~
~~A2.12~~	~~ROOF PLAN 22 GA MONO PITCH~~
~~A2.13~~	~~ROOF DETAILS 22 GA~~
~~A2.21~~	~~ROOF PLAN BUILT UP ROOF DUAL PITCH~~
~~A2.22~~	~~ROOF PLAN BUILT UP ROOF MONO PITCH~~
~~A3.01~~	~~EXTERIOR ELEVATIONS - 26 GA - DUAL PITCH - 24'x40'~~
~~A3.02~~	~~EXTERIOR ELEVATIONS 26 GA DUAL PITCH 36'x40'~~
~~A3.03~~	~~EXTERIOR ELEVATIONS 26 GA DUAL PITCH 48'x40'~~
28-A3.11	EXTERIOR ELEVATIONS - 26 GA - MONO PITCH - 24'x40'
~~A3.12~~	~~EXTERIOR ELEVATIONS 26 GA MONO PITCH 36'x40'~~
~~A3.13~~	~~EXTERIOR ELEVATIONS 26 GA MONO PITCH 48'x40'~~
~~A3.21~~	~~EXTERIOR ELEVATIONS 22 GA DUAL PITCH 24'x40'~~
~~A3.22~~	~~EXTERIOR ELEVATIONS 22 GA DUAL PITCH 36'x40'~~
~~A3.23~~	~~EXTERIOR ELEVATIONS 22 GA DUAL PITCH 48'x40'~~
~~A3.31~~	~~EXTERIOR ELEVATIONS 22 GA MONO PITCH 24'x40'~~
~~A3.32~~	~~EXTERIOR ELEVATIONS 22 GA MONO PITCH 36'x40'~~
~~A3.33~~	~~EXTERIOR ELEVATIONS 22 GA MONO PITCH 48'x40'~~
~~A3.41~~	~~EXTERIOR ELEVATIONS TYPICAL~~
~~A4.01~~	~~INTERIOR ELEVATIONS 24'x40'~~
~~A4.02~~	~~INTERIOR ELEVATIONS 36'x40'~~
~~A4.03~~	~~INTERIOR ELEVATIONS 48'x40'~~
~~A5.01~~	~~DOOR, WINDOW, FINISH, HARDWARE SCHEDULES~~
28-A6.01	ARCHITECTURAL DETAILS - WOOD STUDS
~~A6.11~~	~~ARCHITECTURAL DETAILS METAL STUDS~~
~~A6.21~~	~~ARCHITECTURAL DETAILS PLASTER~~
~~A7.01~~	~~REFLECTED CEILING PLAN 24'x40'~~
~~A7.02~~	~~REFLECTED CEILING PLAN 36'x40'~~
~~A7.03~~	~~REFLECTED CEILING PLAN 48'x40'~~
~~A7.01SD~~	~~REFLECTED CEILING PLAN 24'x40'~~
~~A7.02SD~~	~~REFLECTED CEILING PLAN 36'x40'~~
~~A7.03SD~~	~~REFLECTED CEILING PLAN 48'x40'~~
~~A7.11~~	~~REFLECTED CEILING DETAILS~~
~~A8.01~~	~~MISCELLANEOUS OPTIONS~~
~~A8.01~~	~~MISCELLANEOUS OPTIONS~~

STRUCTURAL

28-F1.01	FOUNDATION PLAN - WOOD - 24'x40' - 50, 50+20, 100 PSF
~~F1.02~~	~~FOUNDATION PLAN WOOD 36'x40' 50, 50+20, 100 PSF~~
~~F1.03~~	~~FOUNDATION PLAN WOOD 48'x40' 50, 50+20, 100 PSF~~
~~F1.11~~	~~FOUNDATION PLAN WOOD 24'x40' 125 PSF~~
~~F1.12~~	~~FOUNDATION PLAN WOOD 36'x40' 125 PSF~~
~~F1.13~~	~~FOUNDATION PLAN WOOD 48'x40' 125 PSF~~
28-F1.21	FOUNDATION DETAILS - 50, 50+20, 100 PSF
~~F1.22~~	~~FOUNDATION DETAILS - 125 PSF~~
~~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~~
[redacted]	
~~S2.01~~	~~ROOF FRAMING PLAN 26 GA DUAL PITCH~~
~~S2.02~~	~~ROOF FRAMING PLAN 26 GA MONO PITCH~~
~~S2.11~~	~~ROOF FRAMING PLAN 22 GA DUAL PITCH~~
~~S2.12~~	~~ROOF FRAMING PLAN 22 GA MONO PITCH~~
~~S3.01~~	~~STRUCTURAL FRAMING - 26 GA - DUAL PITCH~~
28-S3.02	STRUCTURAL FRAMING - 26 GA - MONO PITCH
~~S3.11~~	~~STRUCTURAL FRAMING 22 GA DUAL PITCH~~
~~S3.12~~	~~STRUCTURAL FRAMING 22 GA MONO PITCH~~
~~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~~	~~HVAC PLAN 24'x40'~~
~~M1.02~~	~~HVAC PLAN 36'x40'~~
~~M1.03~~	~~HVAC PLAN 48'x40'~~
~~M1.01SD~~	~~HVAC PLAN 24'x40'~~
~~M1.02SD~~	~~HVAC PLAN 36'x40'~~
~~M1.03SD~~	~~HVAC PLAN 48'x40'~~

ELECTRICAL

~~E1.01~~	~~ELECTRICAL PLAN - 24'x40'~~
~~E1.02~~	~~ELECTRICAL PLAN 36'x40'~~
~~E1.03~~	~~ELECTRICAL PLAN 48'x40'~~
~~E1.01SD~~	~~ELECTRICAL PLAN - 24'x40'~~
~~E1.02SD~~	~~ELECTRICAL PLAN - 36'x40'~~
~~E1.03SD~~	~~ELECTRICAL PLAN - 48'x40'~~

RAMP

28-R1.01	RAMP/LANDING PLAN
28-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-67

FILE PATH: 2440-A0-01.DWG

PROJECT NO. 4373

PC-04-101268

REVISIONS

△1	SP	ADDED ALT NOTE/AND ELECT SHEETS	11/9/00
△2			
△3			
△4			
△5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
No. C 2956
REN. 9-30-03
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DF FLS
DATE SEP 0 7 1999
FLD: CALIMIRE / ESPERANZA
ACP: D. Fenleson

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

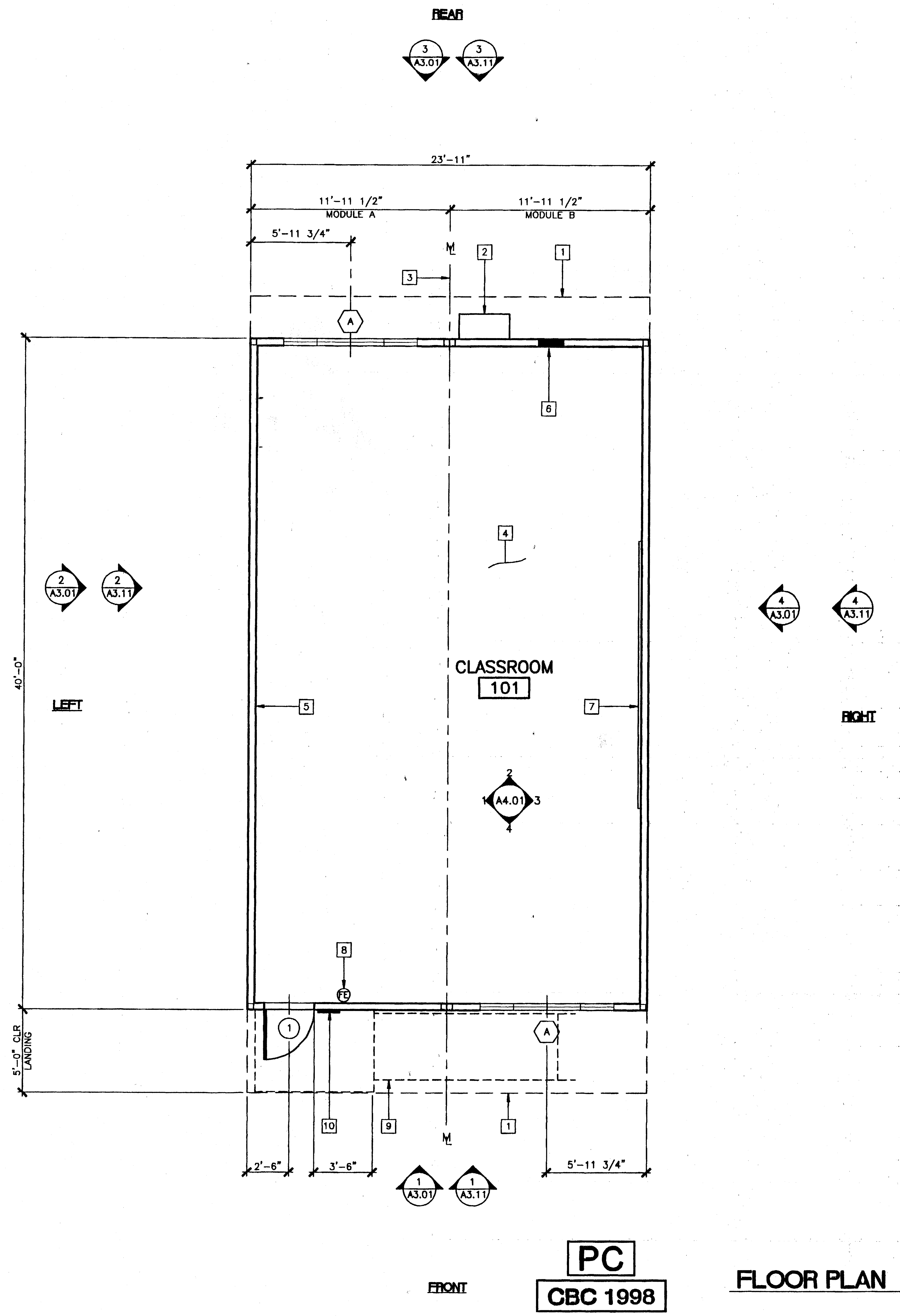
PROJECT NUMBER: 4373-M, 4378-M, [redacted] ©
4438, 4474, 4505, 4525

MODTECH, INC. 1999

DRAWN BY: KK
DATE: 11/19/02 12/5/02
CHECKED BY:
DATE: 4012-124

MODTECH Index No.
28-A0.01

COVER SHEET



PC

CBC 1998

FLOOR PLAN

(24'x40')

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

KEY NOTES

1	ROOF OVERHANG
2	HVAC UNIT (HV)
3	MODLINE (℄)
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)
10	SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01

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DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

FILE PATH: 2440-A1.01.DWG

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.

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~~OFFICE OF REGULATION SERVICES~~
~~04 104812~~
~~AC FLS SS~~
~~DATE DEC 05 2002~~

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
6-30-2000

Architects Seal
GEORGE C. EDWARDS
No. C 2956
REN. 9-30-03

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC–04
101268
AC FLS SS
DATE SEP 0 7 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

PROJECT NUMBER: 4373, 4378, 4438 4474 4505, 4525 © MODTECH, INC. 2002

FLOOR PLAN

24'x40'

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
28-A1.01

PROJECT NO. 4373

PC–04–101268

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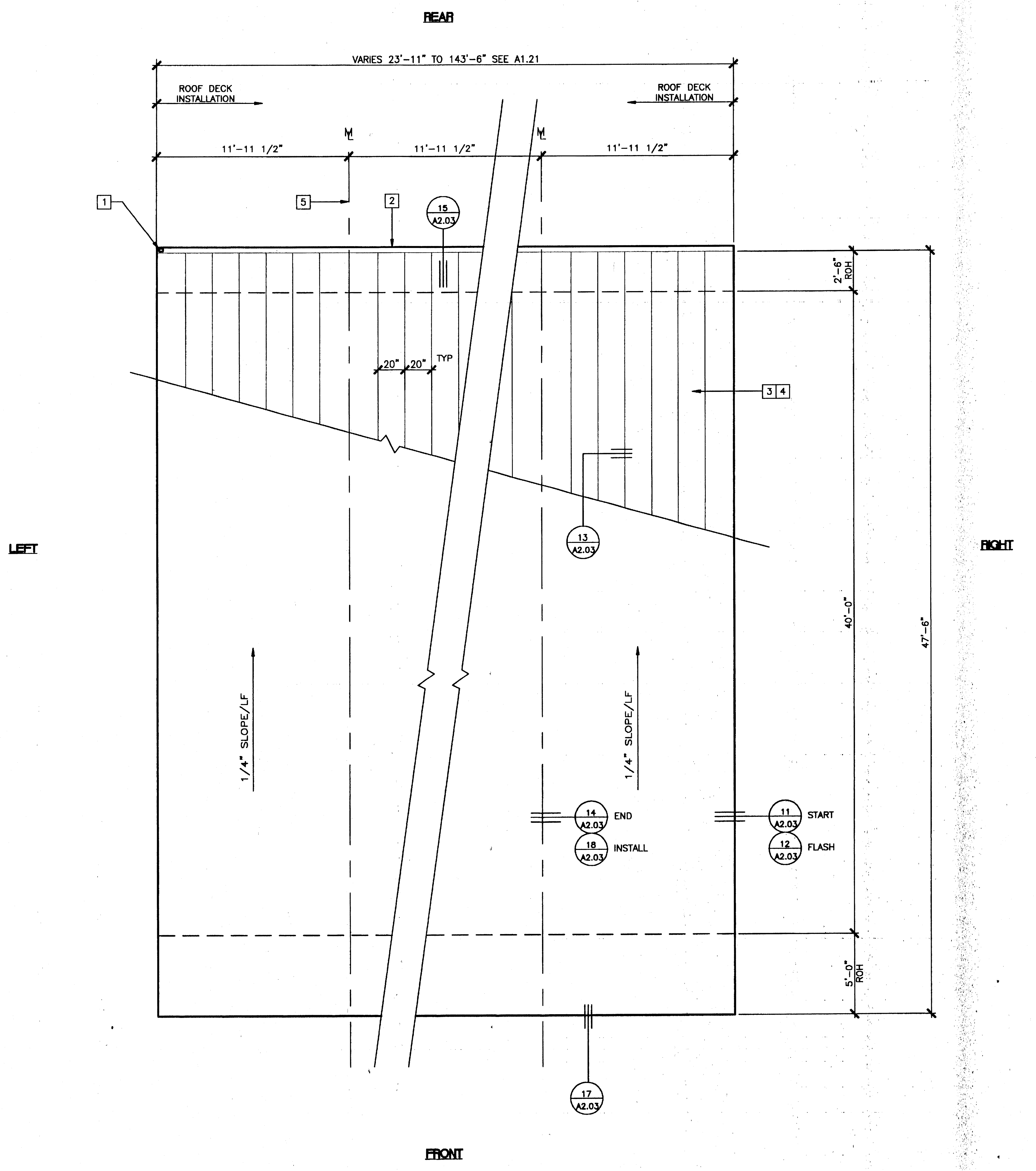

ROOF PLAN

26 GA MONO PITCH – (23'-11" TO 143'-6")
SCALE: 1/4" = 1'-0"

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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DATE DEC 03 2002

FILE PATH: 2440-A2.02.DWG

PC
CBC 1998

REVISIONS			
1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
2000

Architects Seal
GEORGE C. EDWARDS
No. C 2956
REN. 9-30-03

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC — FLS SS
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
COLTON U.S.D.

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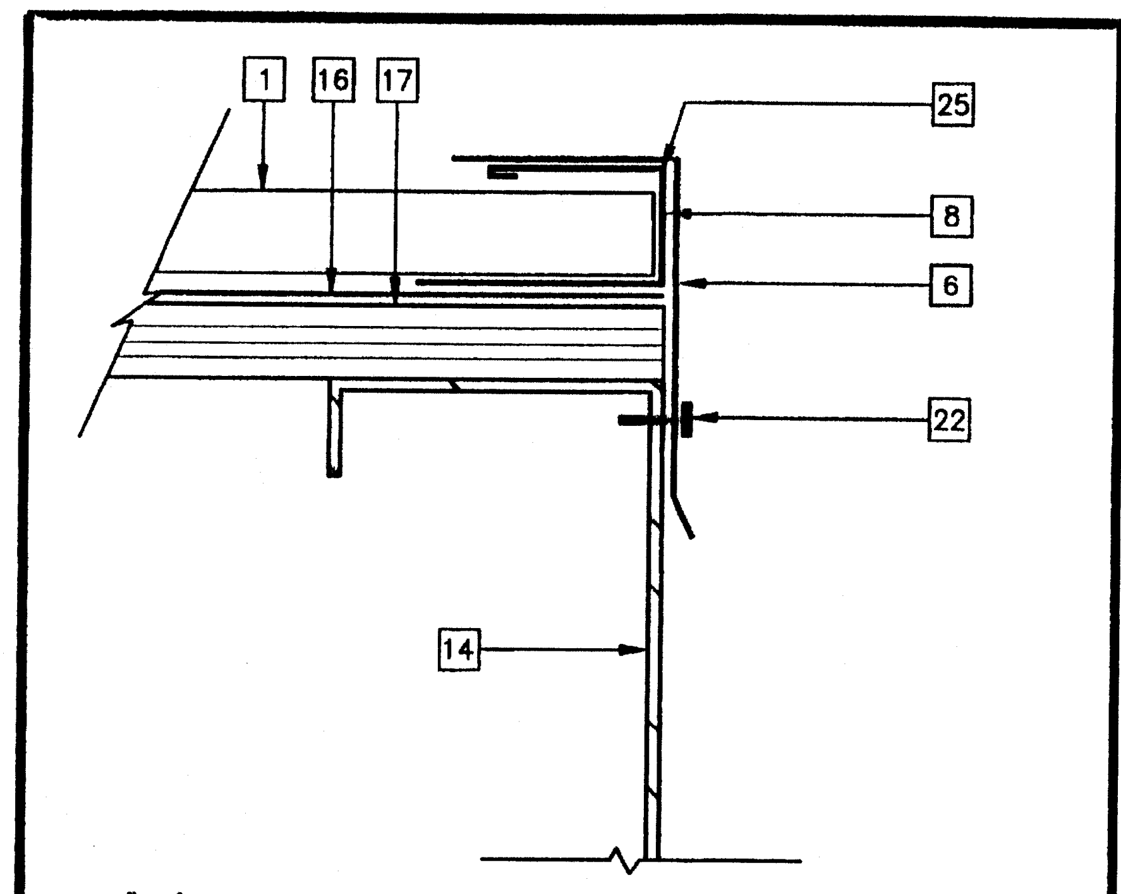
ROOF PLAN
26 GA MONO PITCH

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

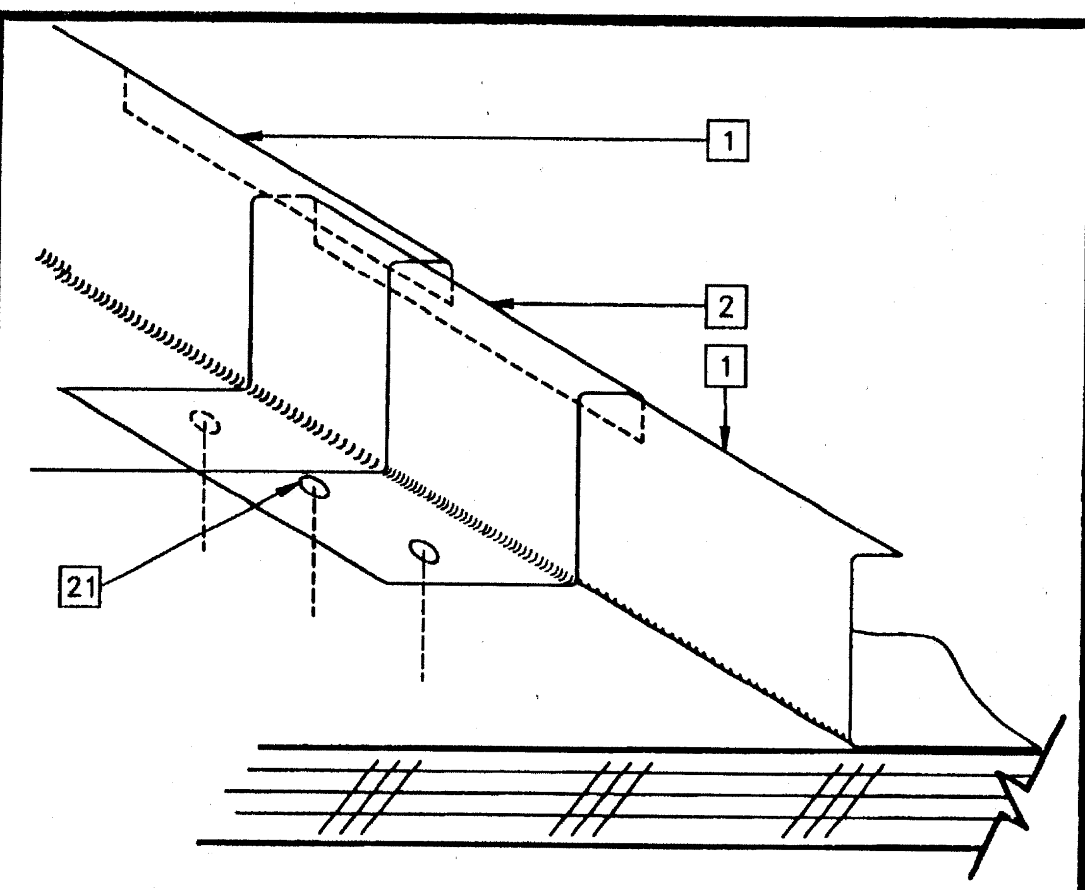
MODTECH Index No.
28-A2.02

PROJECT NO. 4373
PC-04-101268

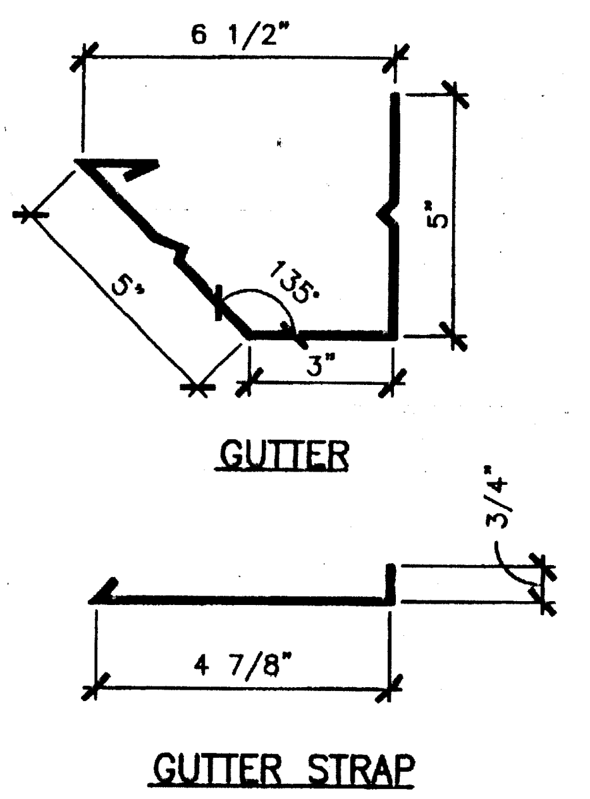


SCALE:3"=1'

ROOF FLASHING AT HIGH SIDE 17

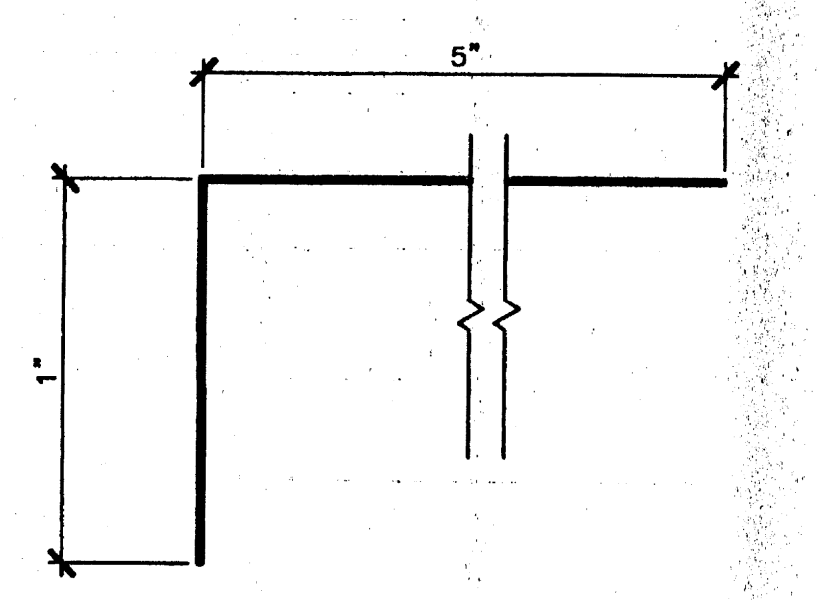


ROOF STANDING SEAM 13



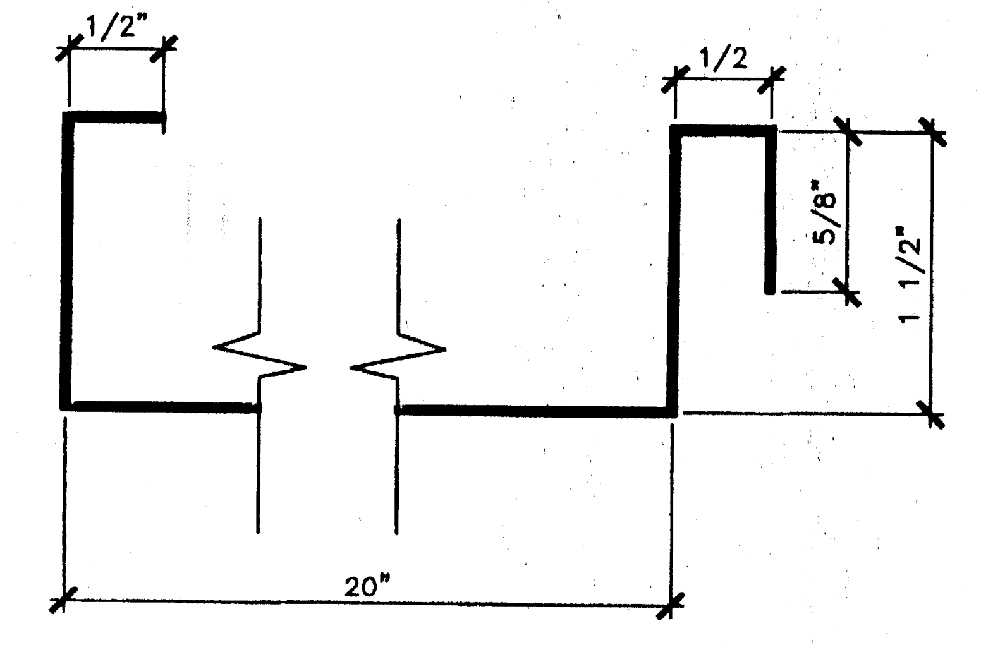
SCALE: 3"=1'

26 GA GUTTER AND GUTTER STRAP 9



SCALE: NOT TO SCALE

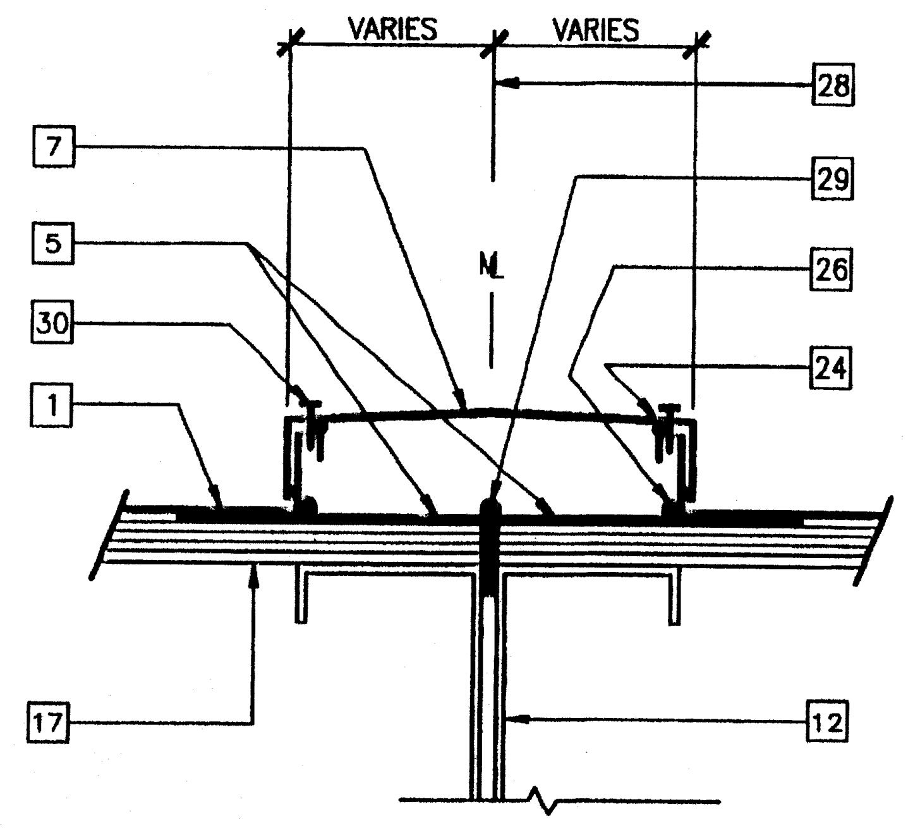
FLASHING AT MODLINE WALL 5



26 GA STEEL G90 LFQ

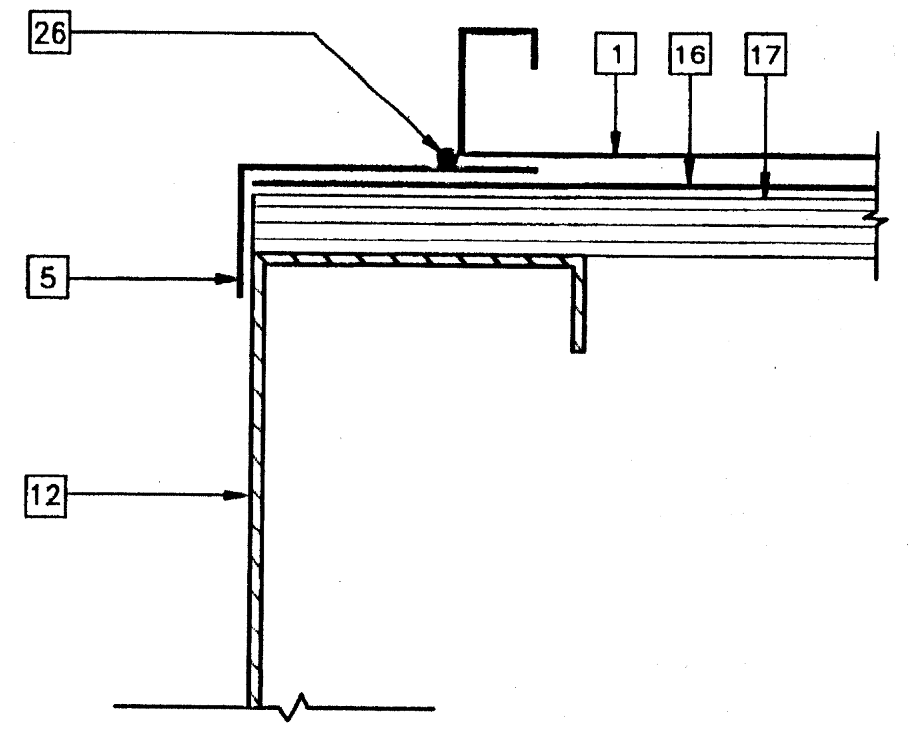
SCALE: FULL

ROOF PAN 1



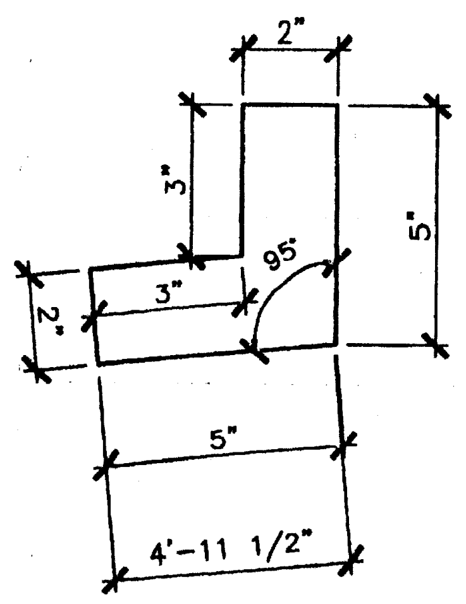
SCALE: 3"=1'

MODLINE ROOF CAP 18



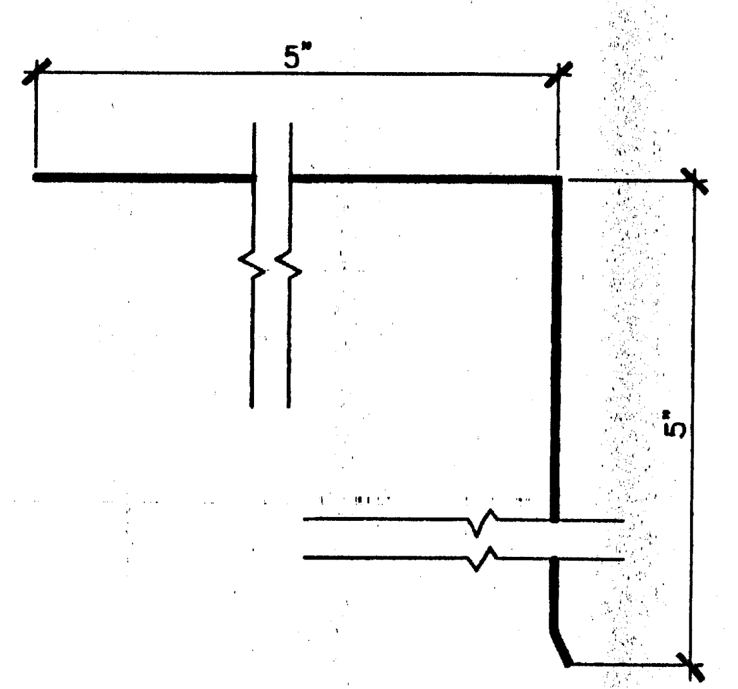
SCALE: NTS

END ROOF PAN CONNECTION 14



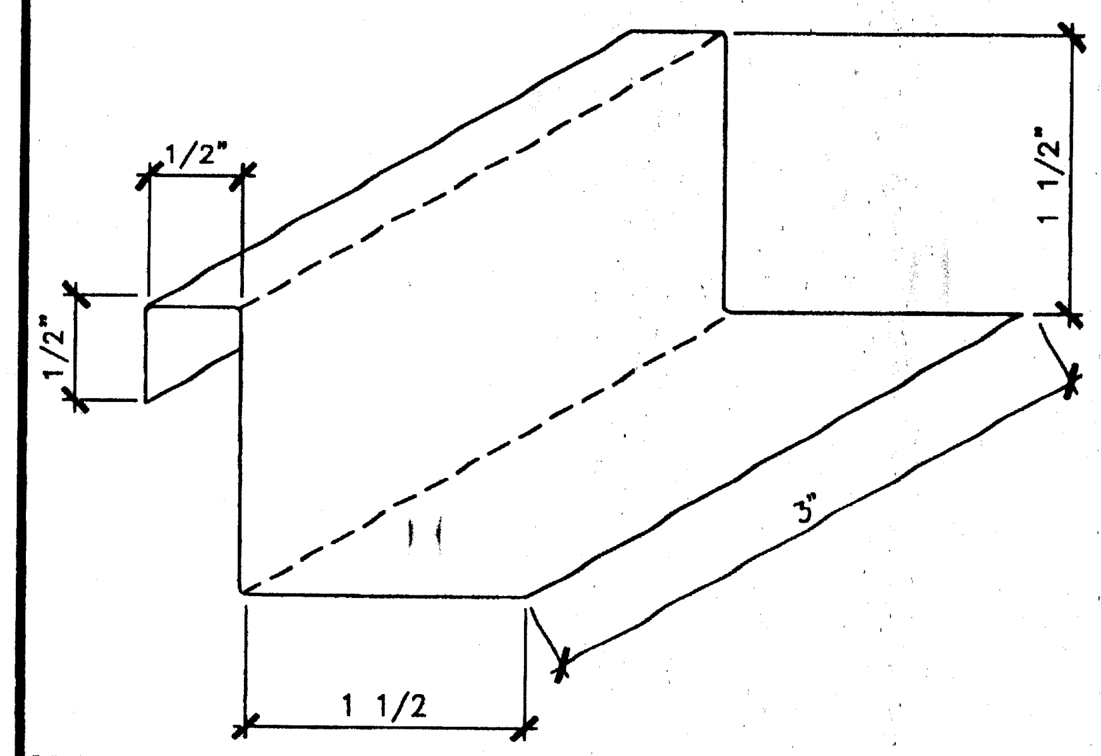
SCALE: 3"=1'

DOWNSPOUT AT BEND 10



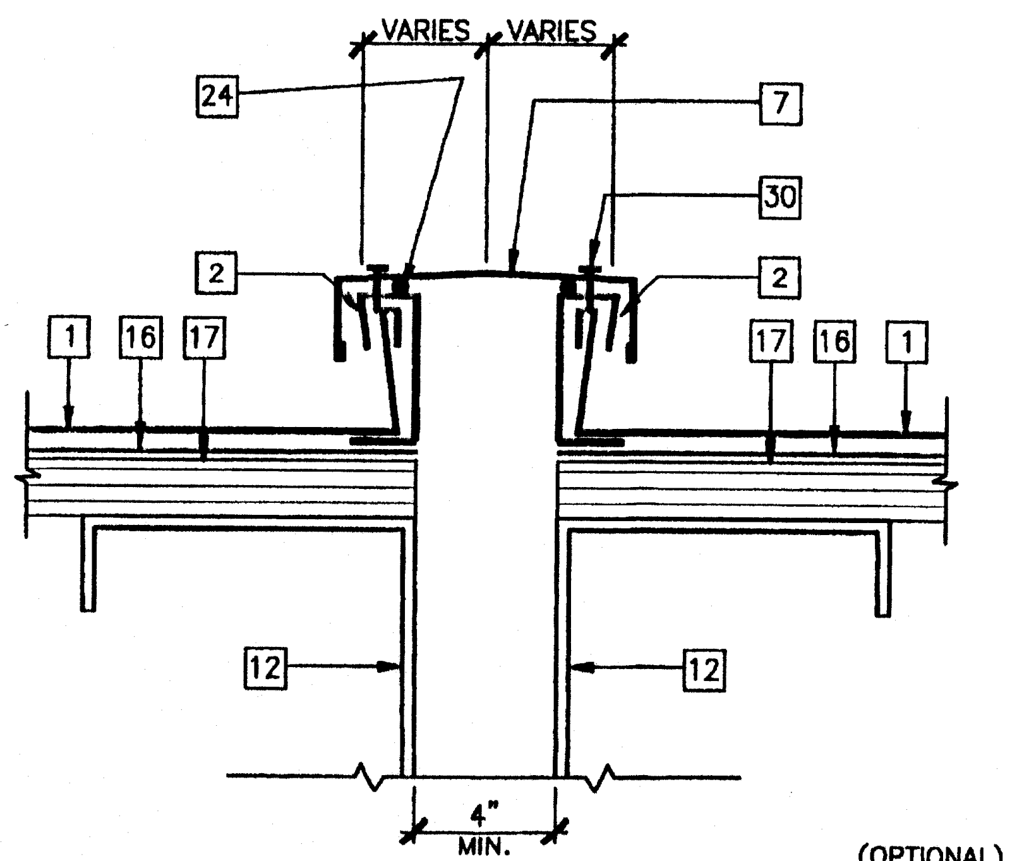
SCALE: FULL

ROOF FLASHING AT HIGH SIDE 6



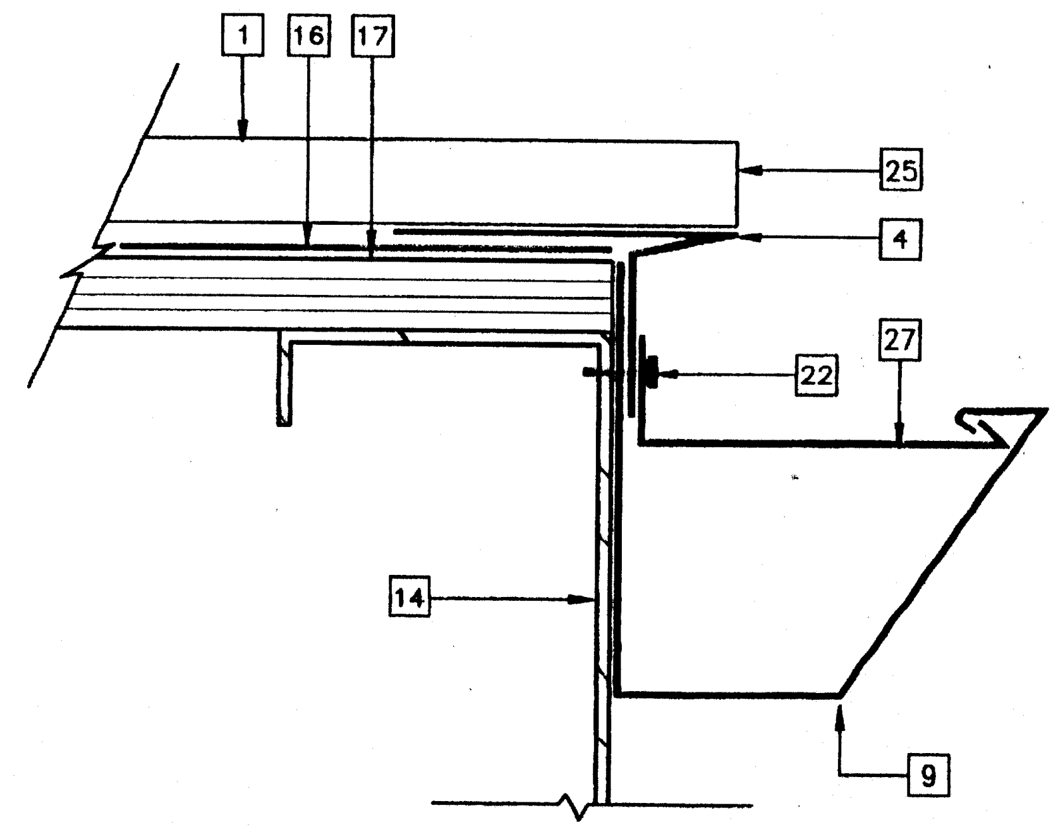
SCALE: FULL

ROOF CLIP 2



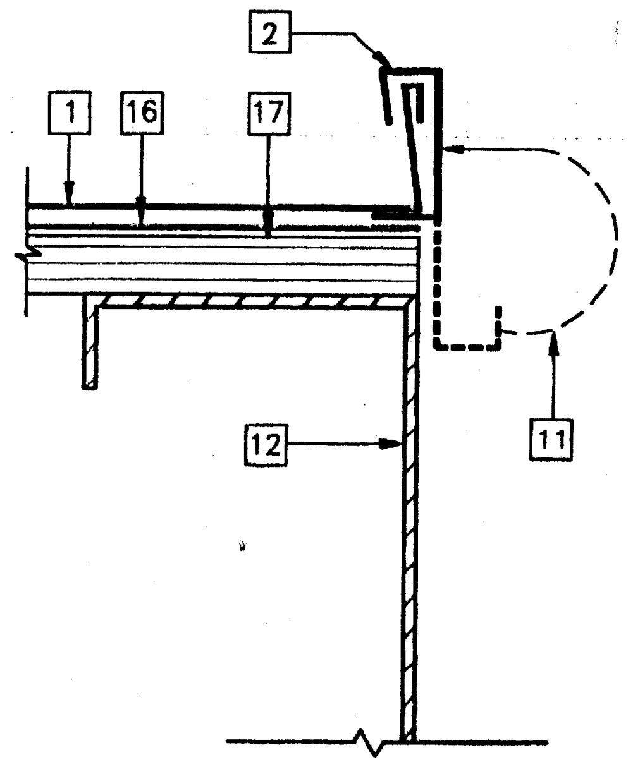
(OPTIONAL)

ROOF CAP AT 4" SEPARATION 19



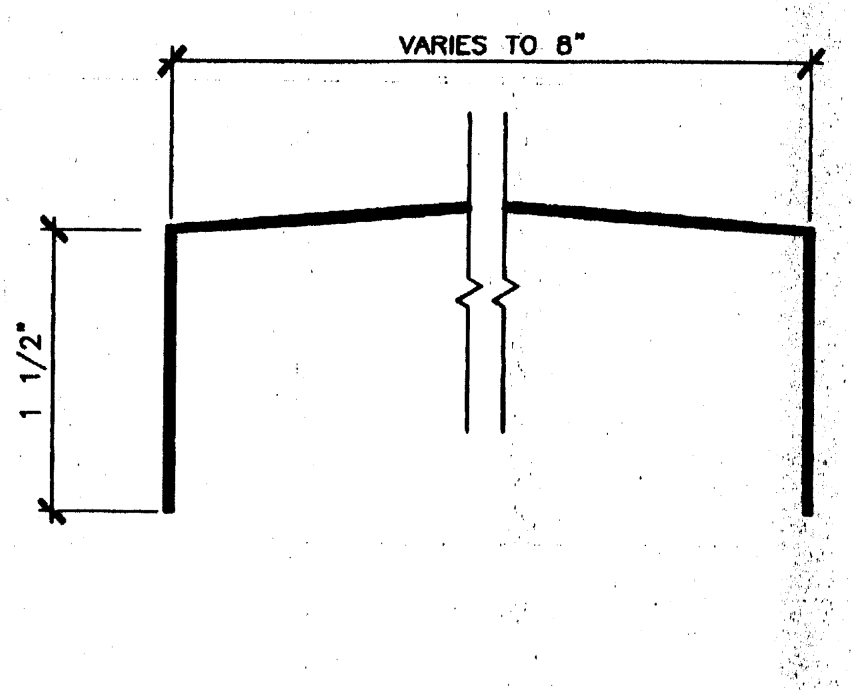
SCALE:3"=1'

GUTTER AT ROOF FASCIA BEAM 15

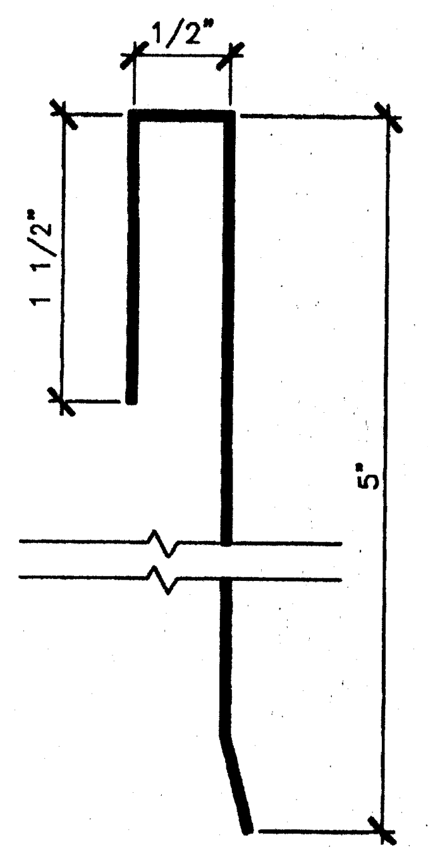


SCALE:3"=1'

STARTER ROOF PAN CONNECTION 11

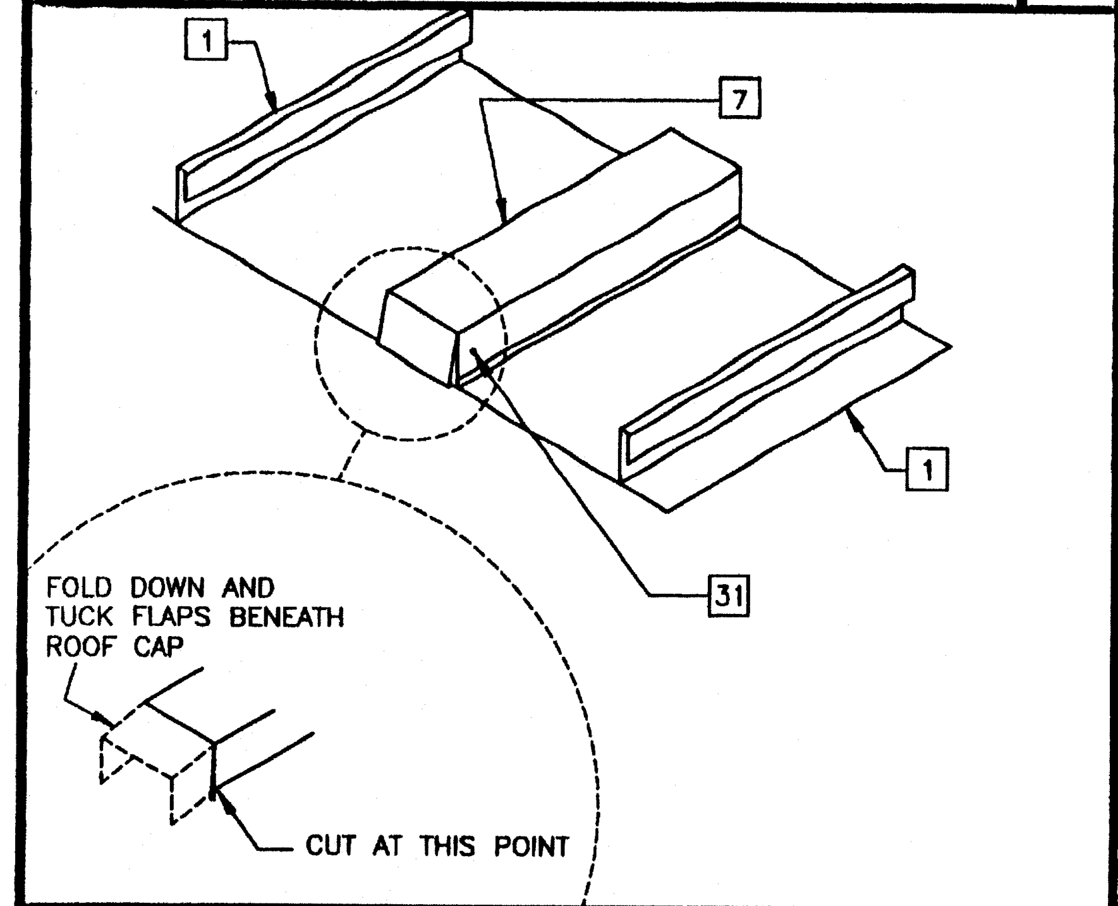


26 GA ROOF CAP AT MODLINE 7

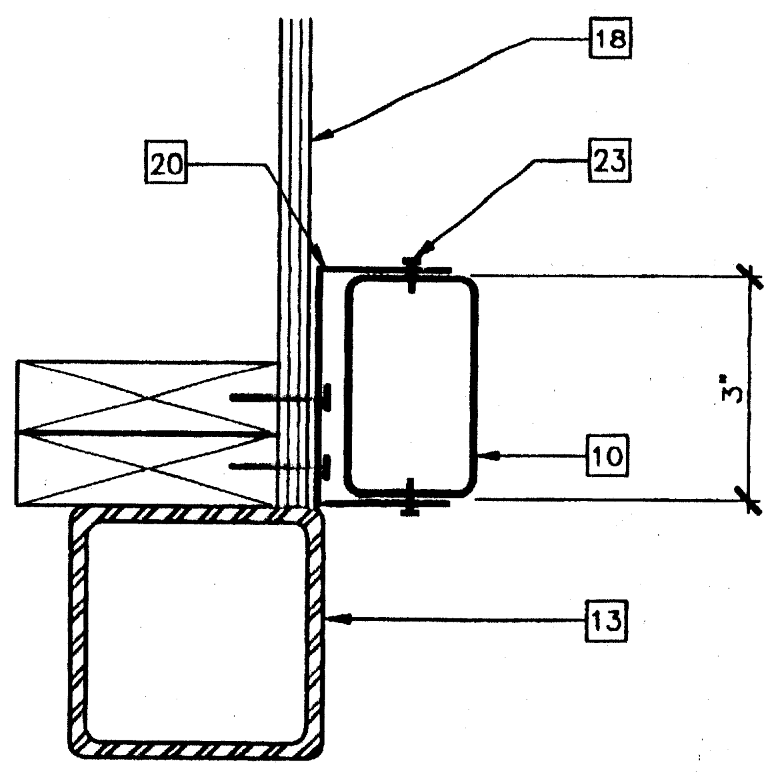


SCALE: FULL

FLASHING AT SIDE WALL 3

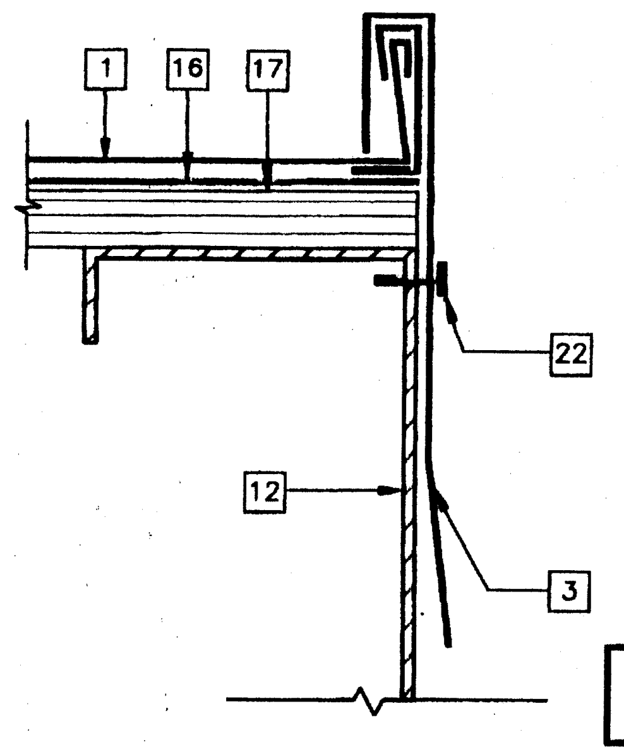


MODLINE ROOF CAP 20



SCALE: 4"=1'

DOWNSPOUT ATTACHMENT 16



SCALE:3"=1'

ROOF FLASHING AT SIDE WALL 12

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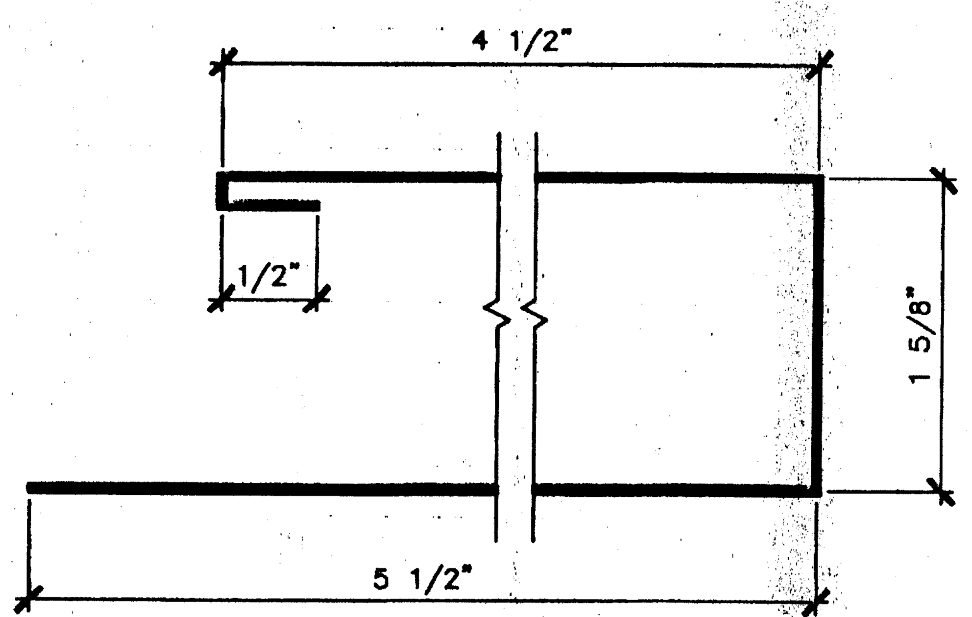
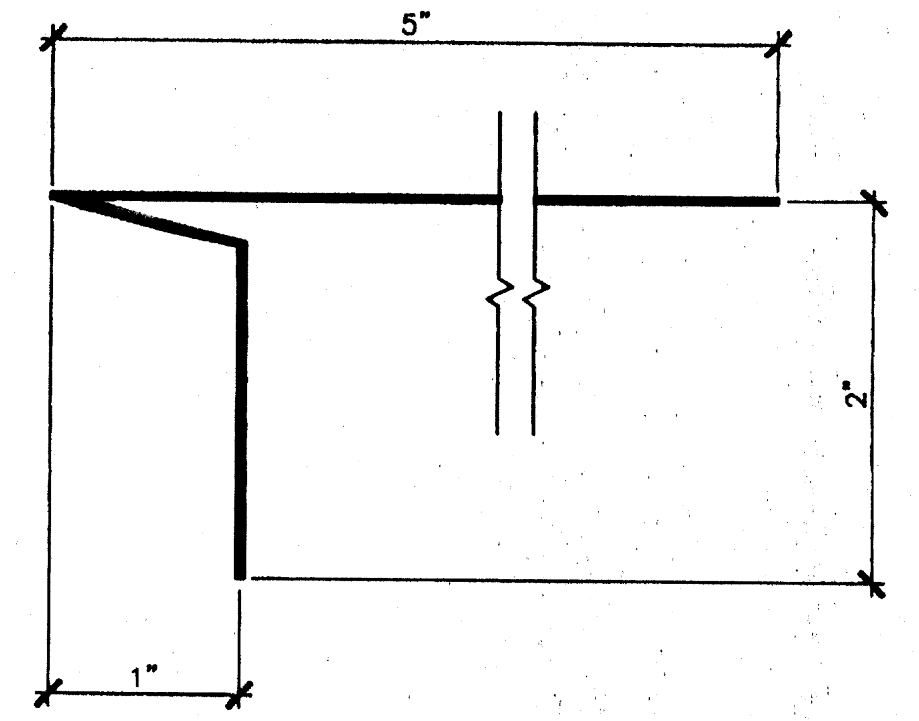


SCALE: FULL

FLASHING AT ROOF 8



SCALE: NTS

FLASHING AT ROOF LOW SIDE(S) 4

KEY NOTES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

- 1 26 GA STANDING SEAM ROOF PAN – 1/A2.03
- 2 26 GA ROOF CLIP – 2/A2.03 – AT 24" OC MAX AND 6" MAX FROM END OF ROOF
- 3 22 GA GALVANIZED IRON FLASHING AT SIDEWALL 3/A2.03
- 4 22 GA GALVANIZED IRON FLASHING AT LOW END OF ROOF – 4/A2.03
- 5 22 GA GALVANIZED STEEL FLASHING AT MODLINE WALL – 5/A2.03
- 6 22 GA GALVANIZED STEEL FLASHING AT HIGH END OF ROOF – 6/A2.03
- 7 26 GA ROOF CAP AT MODLINE – 7/A2.03
- 8 26 GA FLASHING AT HIGH SIDE – 8/A2.03
- 9 26 GA CONTINUOUS GUTTER – 9/A2.03
- 10 DOWN SPOUT
- 11 ROOF CLIP MOUNTED UPSIDE-DOWN, BEND CLIP HEAD UP AND OVER ROOF PAN
- 12 ROOF BEAM (STR)
- 13 COLUMN
- 14 ROOF FASCIA (STR)
- 15 NOT USED
- 16 WEATHER PROOF MEMBRANE (25–30 LBS ASPHALT COATED)
- 17 PLYWOOD ROOF SHEATHING (STR)
- 18 TYPICAL EXTERIOR FINISH
- 19 NOT USED
- 20 ATTACHMENT BRACKET TYPICAL (3) PLACES, TOP, BOTTOM AND MIDSPAN – ATTACH TO SIDING WITH (2) #10 STSMS
- 21 (3) .080 x 1 1/2" SCREW SHANK NAILS – ROOF CLIP TO ROOF DECKING
- 22 #10 STSMS WITH NEOPRENE WASHER AT 24" OC
- 23 TWO FASTENERS AT EACH SIDE OF BRACKET
- 24 1/4" BEAD OF SEALANT ALONG ENTIRE LENGTH OF BOTH MODLINE RIBS
- 25 SEALANT AT END OF SEAM
- 26 CONTINUOUS BEAD OF SEALANT AT JOINT BETWEEN MODLINE FLASHING AND END PAN AND AT EACH END PAN ROOF CLIP
- 27 GUTTER STRAP – 9/A2.03
- 28 MODLINE
- 29 CONTINUOUS SEALANT AT MODLINE JOINT
- 30 #10 STSMS WITH NEOPRENE WASHERS AT 36" OC ON "WET" SIDE OF SEALANT
- 31 #10 STSMS WITH NEOPRENE WASHERS AT EACH SIDE

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~~OFFICE OF REGULATION SERVICES~~
~~04 104812~~
~~FLS SS~~
~~DEC 05 2002~~

FILE PATH: 2440-A2.03.DWG

REVISIONS		
1		
2		
3		
4		
5		

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

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373
© MODTECH, INC. 2002
COLTON U.S.D.

ROOFING DETAILS

26 GA

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
28-A2.03

PROJECT NO. 4373

PC-04-101268

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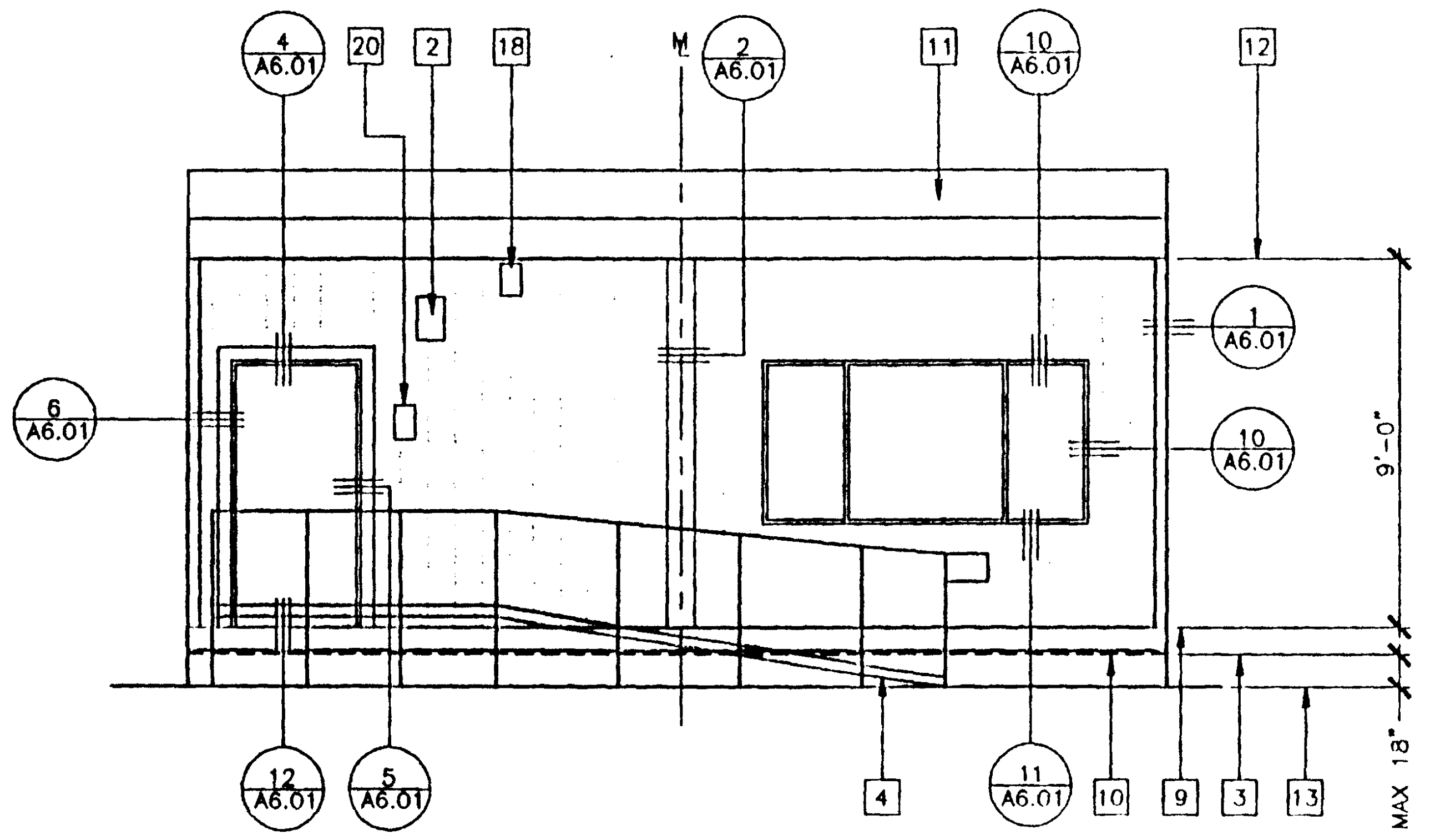
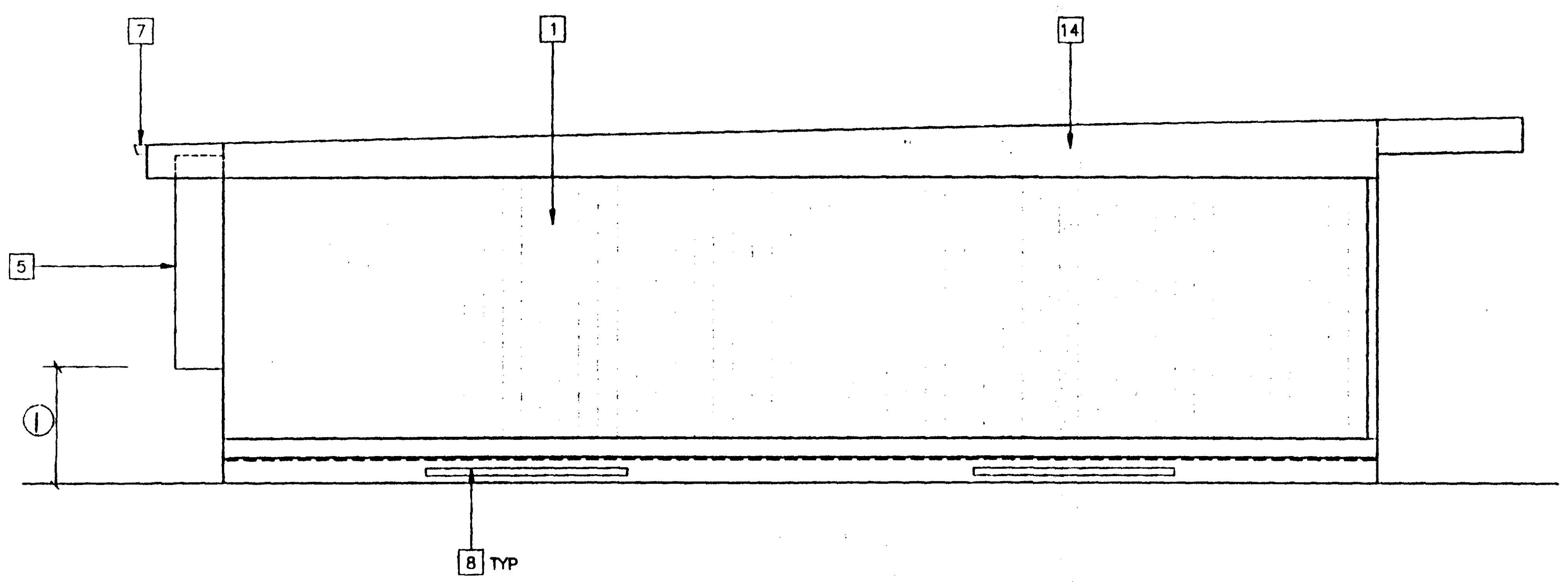
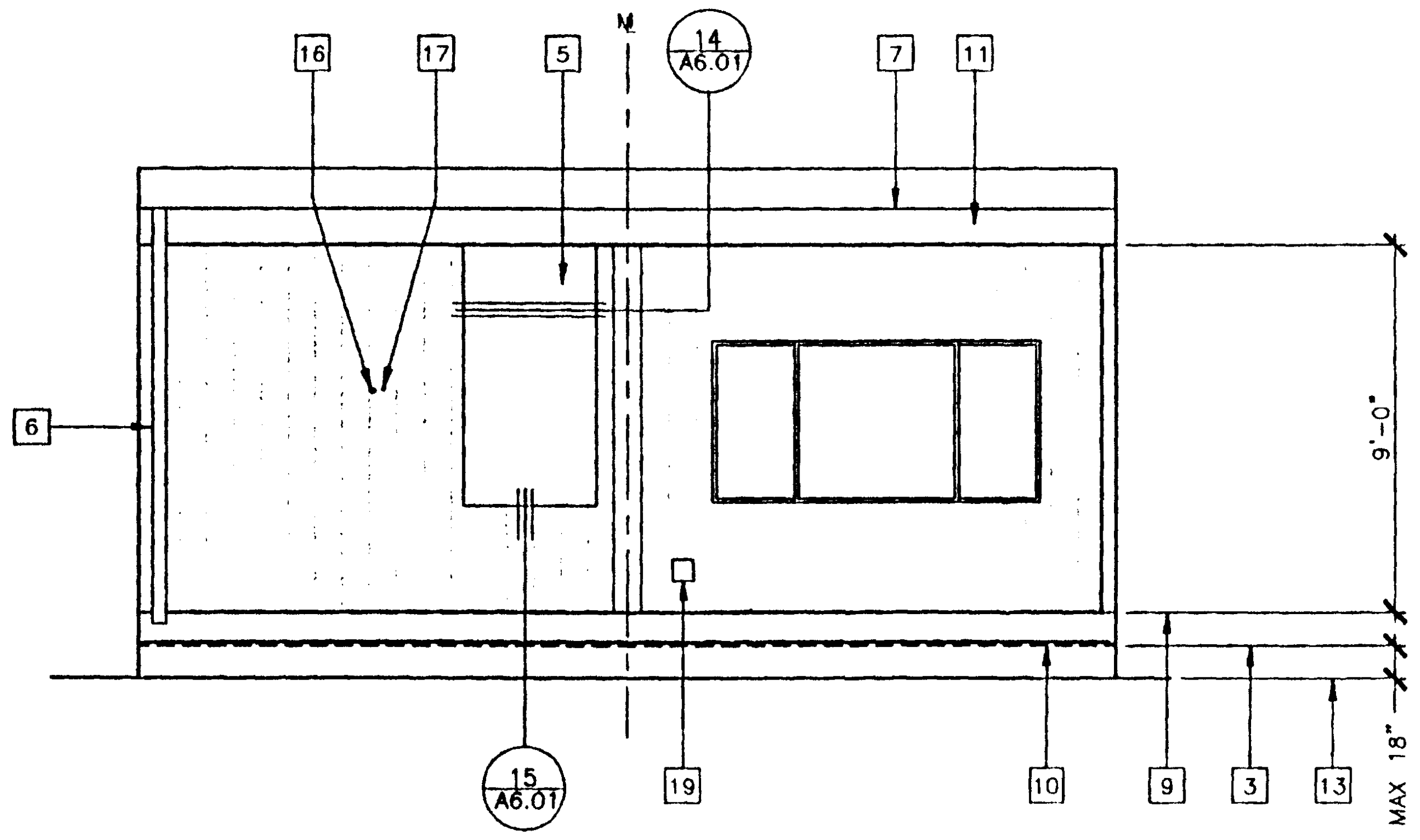


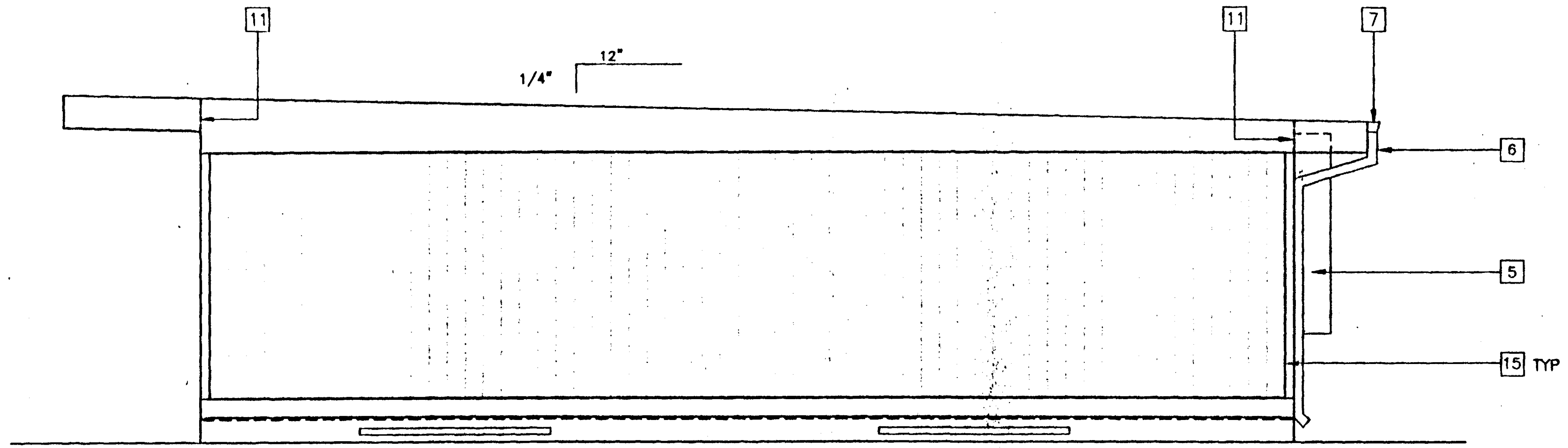
① FRONT ELEVATION



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

104815
FLS

FILE PATH: 2440–A3.11.DWG

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CBC 1998

EXTERIOR ELEVATIONS

26 GA MONO PITCH (24'x40)
SCALE: 1/4" = 1'-0"

REVISIONS
1
2
3
4
5

Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal
Architects Seal

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC–04
101268
AC FLS SS
DATE SEP 07 1999

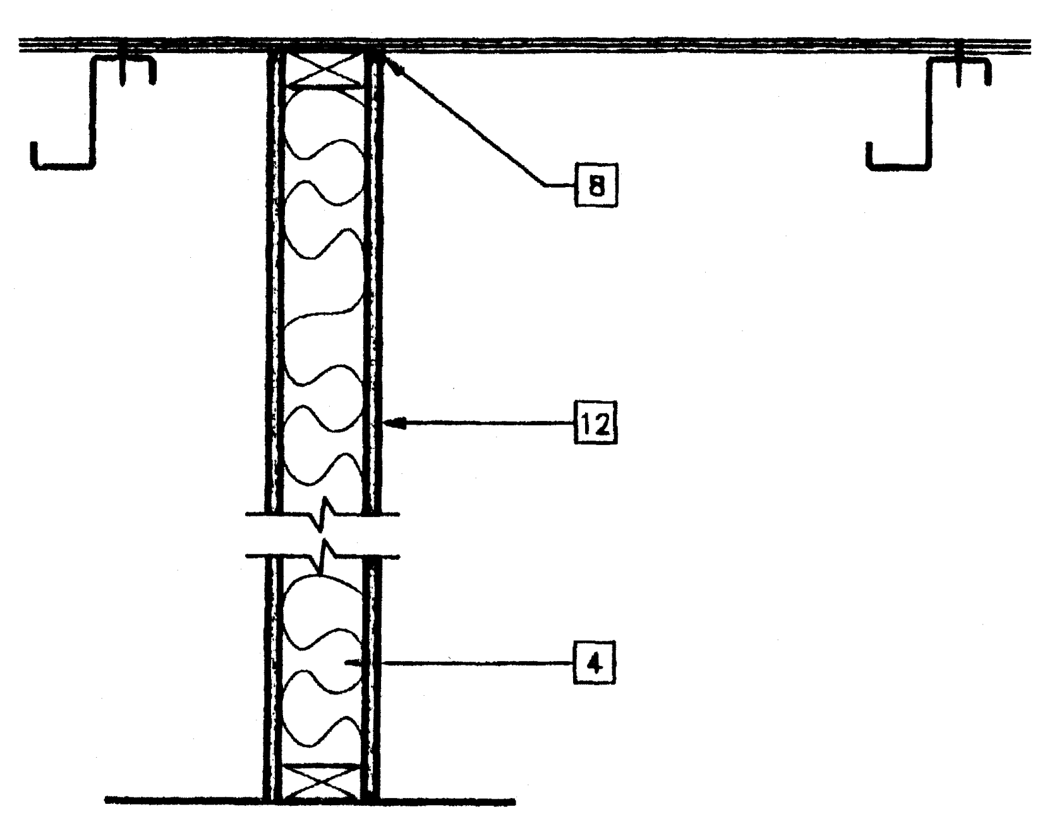
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

PROJECT NUMBER: 4373-M, 4378-M,
© MODTECH 2002

EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.
28-A3.11

PROJECT NO. 4373
PC–04–101268

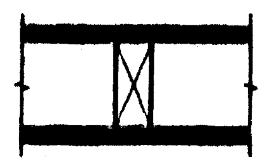


(SEE 14, 15/S4.02) 1

GA FILE No. WP 3510

GYPSUM WALL BOARD
WOOD STUDS

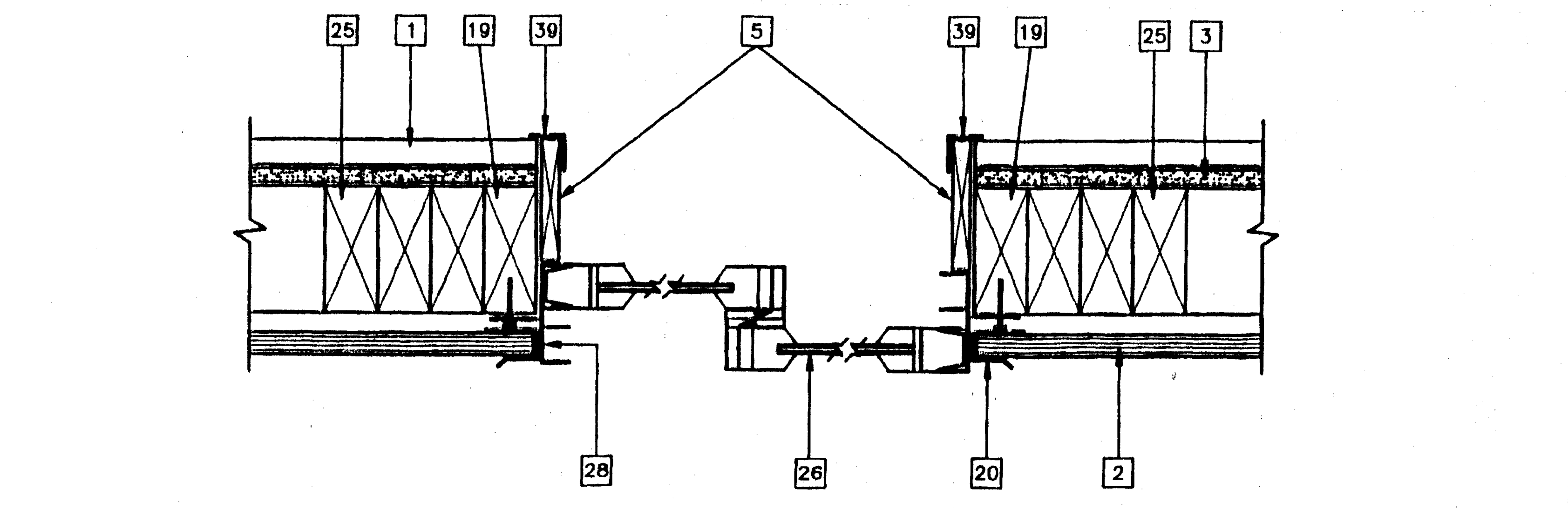
ONE LAYER 5/8" TYPE X GYPSUM WALL BOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2"x4" WOOD STUDS AT 24" OC WITH 6d COATED NAILS, 1 7/8" LONG, 0.0915 SHANK, 1/4" HEADS, 7" OC.
JOINTS STAGGERED 24" ON OPPOSITE ENDS (LOAD BEARING)



THICKNESS:	4 3/4"
APPROXIMATE WEIGHT:	7 PSF
FIRE TEST:	UL R3501-47,-48,9-17-65, DESIGN U309; UL R1319-129, 7-22-70, DESIGN U314
SOUND TEST:	NGC 2404, 10-14-70

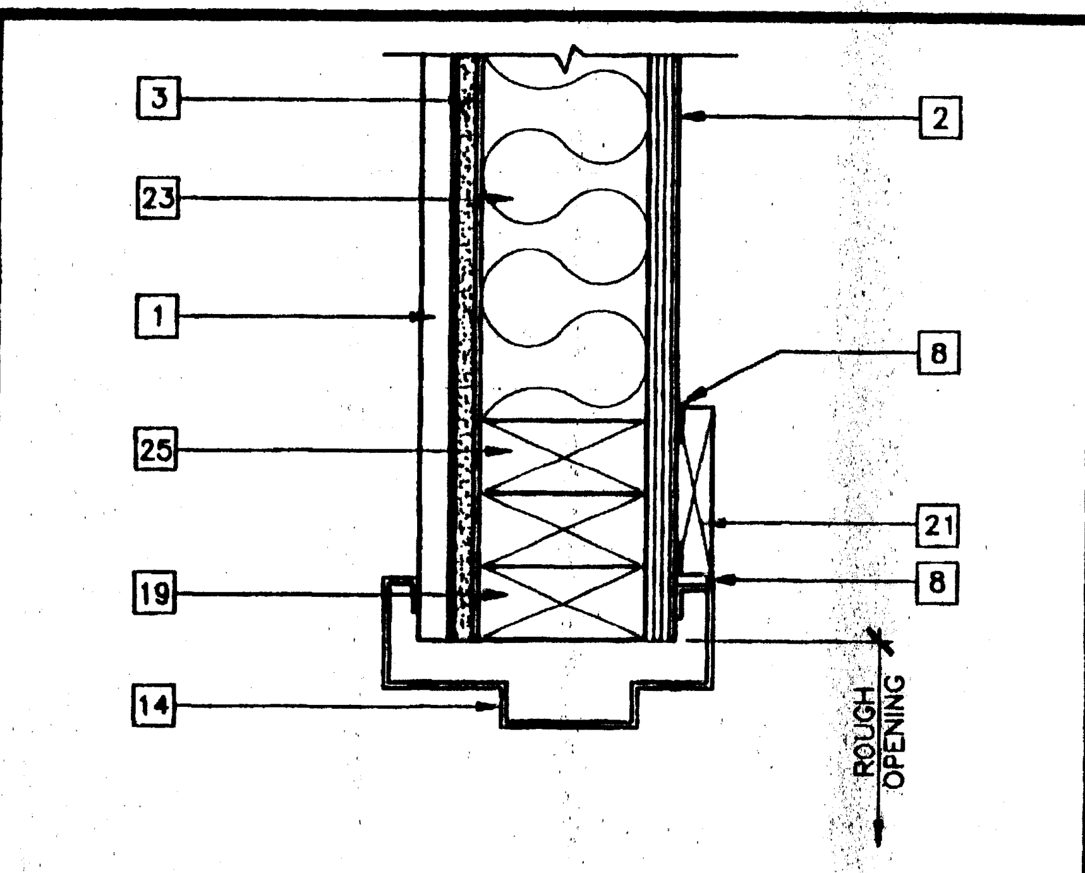
SCALE: 1 1/2"=1'-0" (OPTIONAL)

ONE HOUR INTERIOR FIRE WALL 16



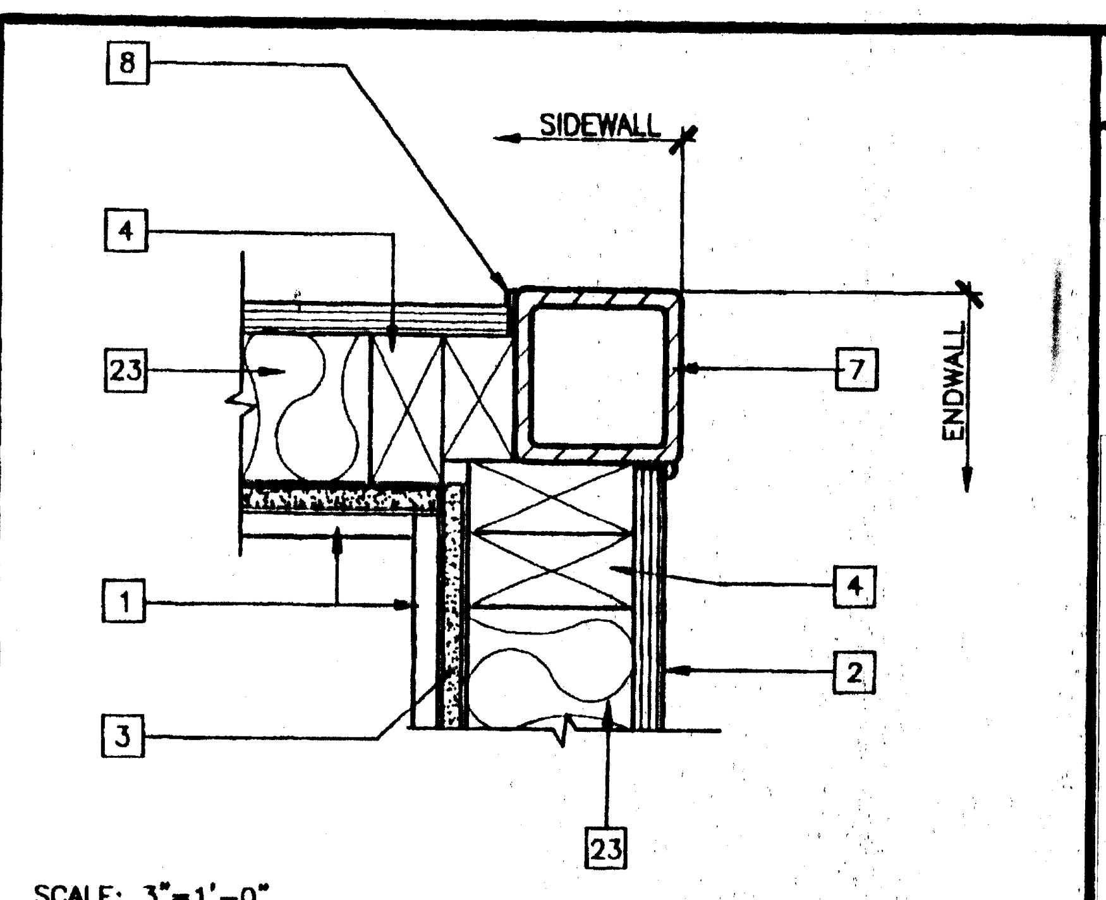
SCALE: 3"=1'-0"

WINDOWS SECTION AT JAMBS 9



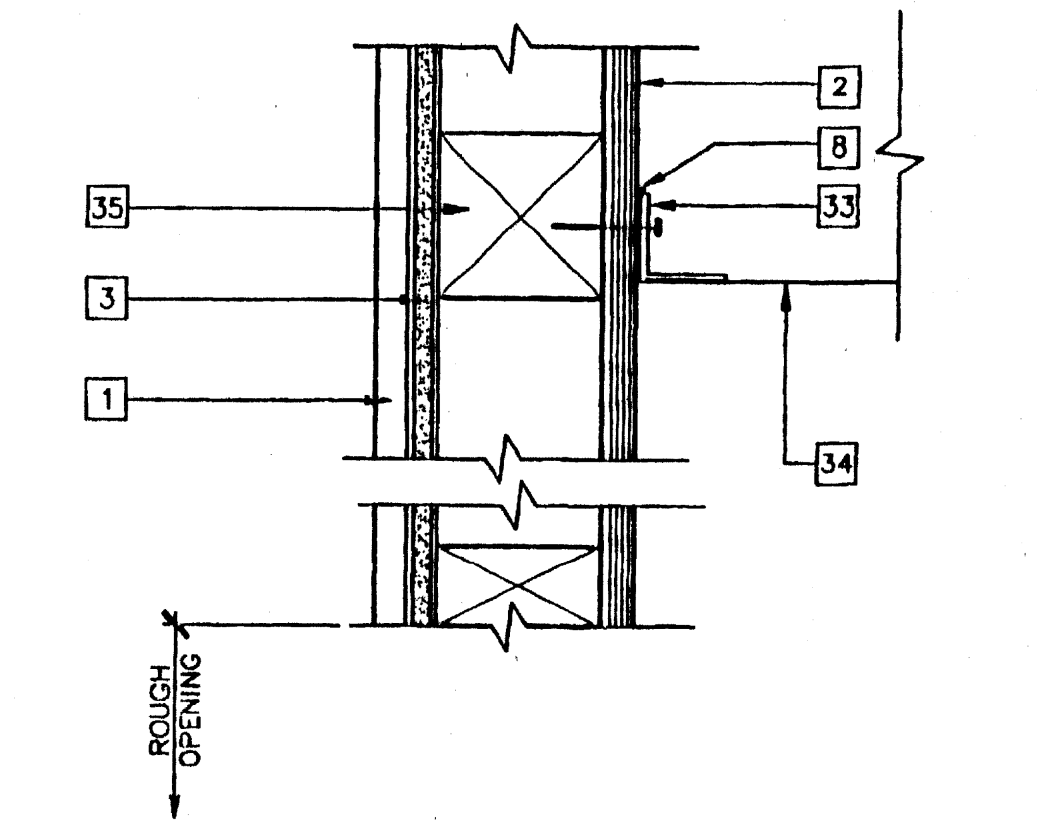
SCALE: 3"=1'-0"

EXTERIOR DOOR JAMB 5



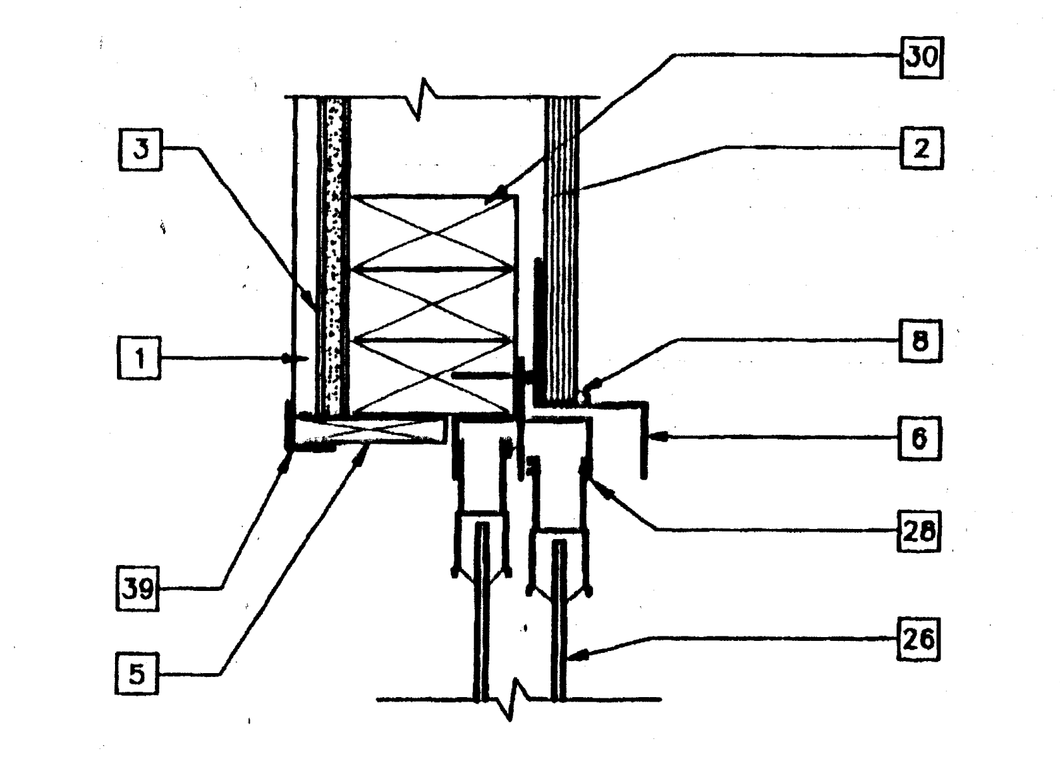
SCALE: 3"=1'-0"

COLUMN AT CORNER 1



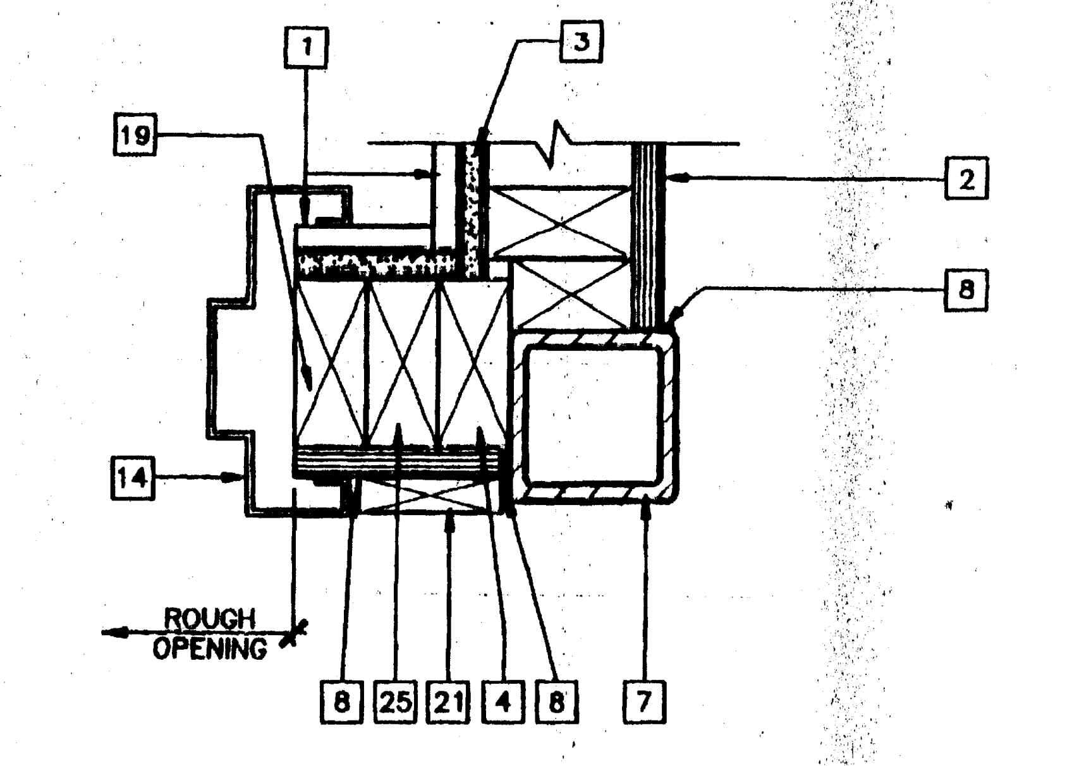
SCALE: 3"=1'-0"

HVAC MOUNT AT JAMBS 13



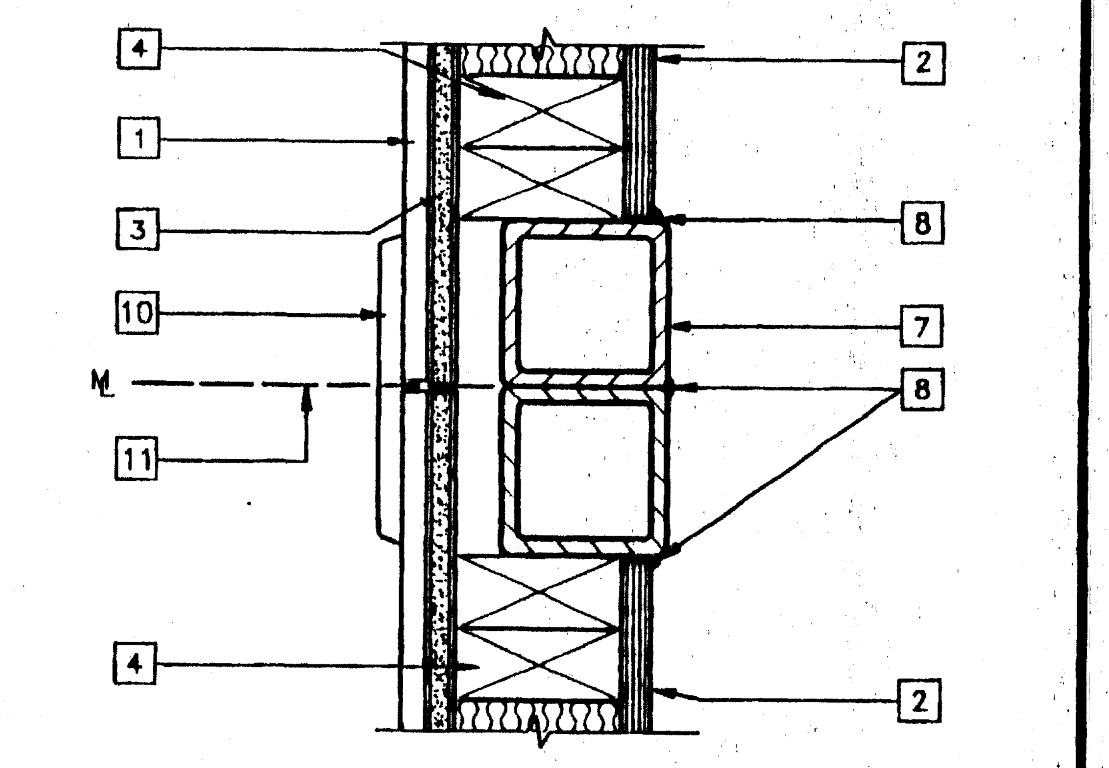
SCALE: 3"=1'-0"

WINDOW HEADER 10



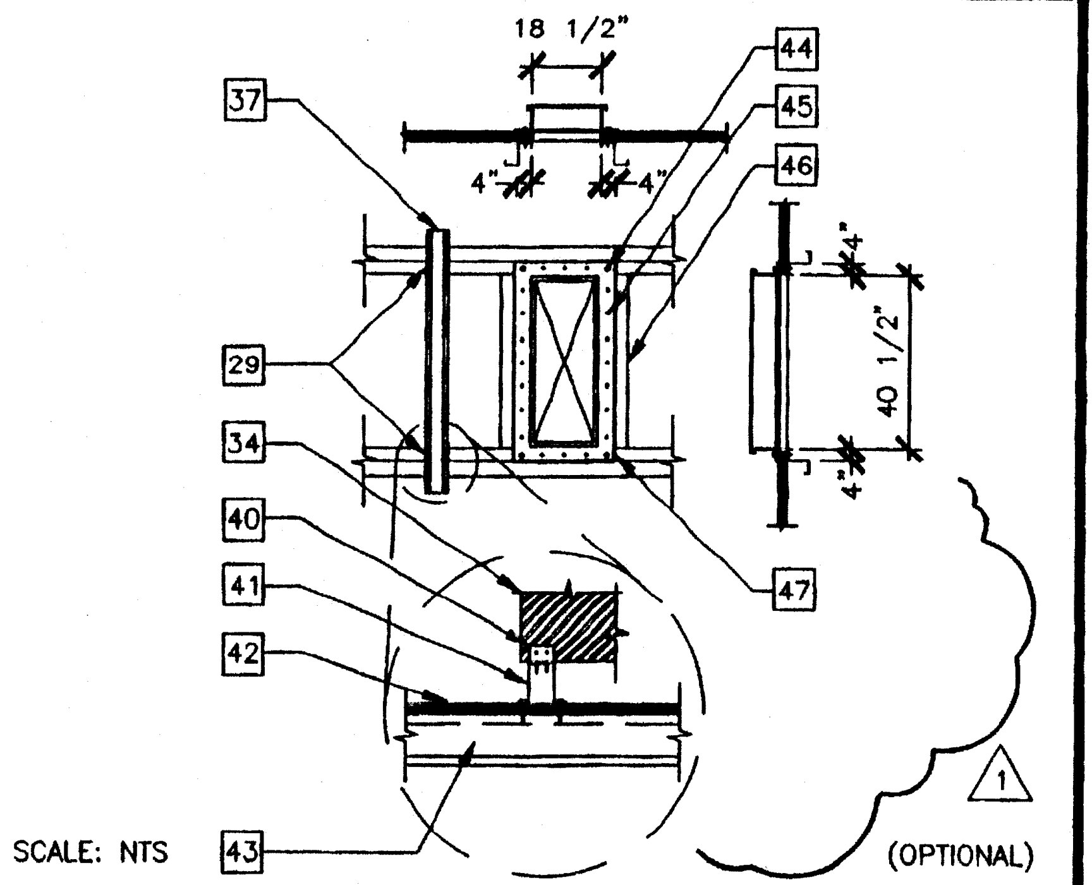
SCALE: 3"=1'-0"

EXTERIOR DOOR JAMB 6



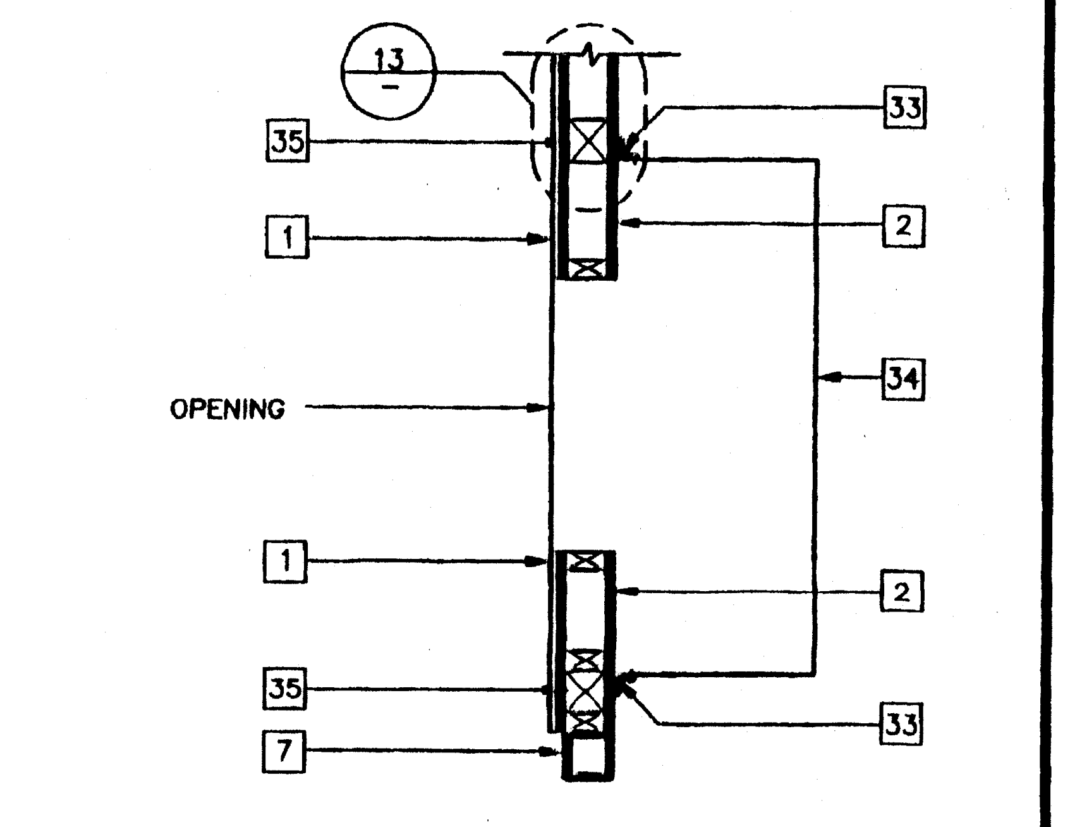
SCALE: 3"=1'-0"

COLUMN AT MODLINE 2



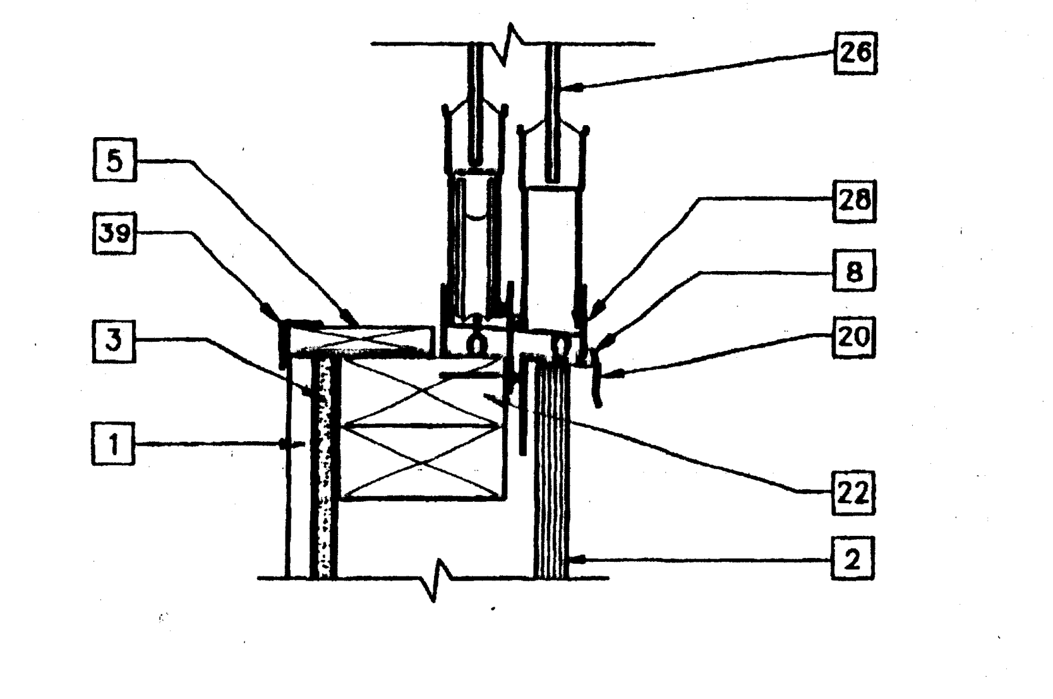
SCALE: NTS (OPTIONAL)

CURB ATTACHMENT ON METAL ROOFING 18



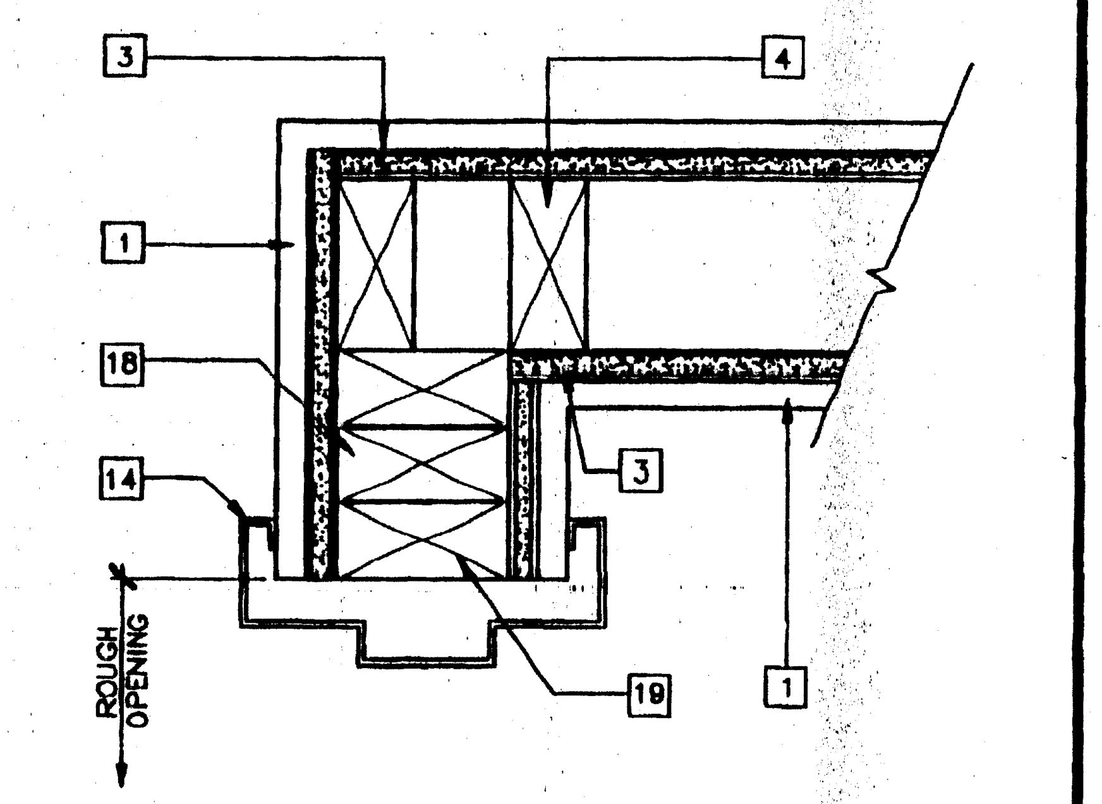
SCALE: NTS

HVAC UNIT (PLAN) 14



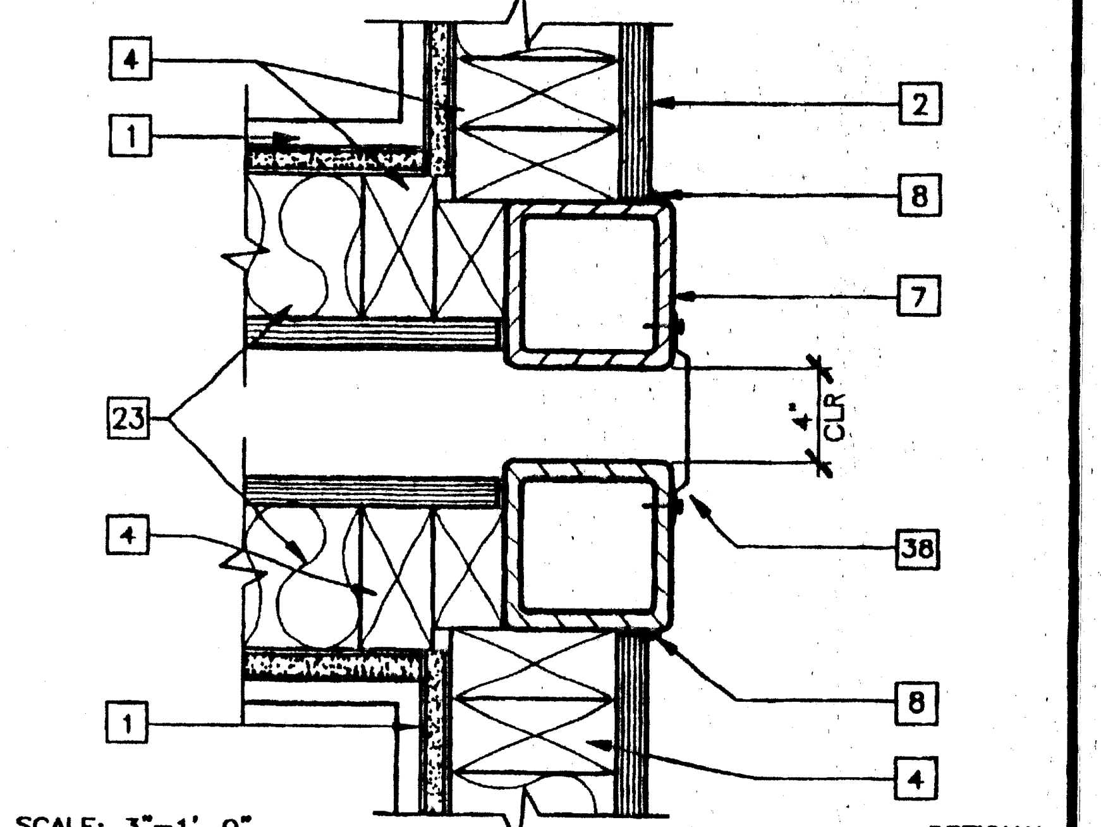
SCALE: 3"=1'-0"

SILL PLATE 11



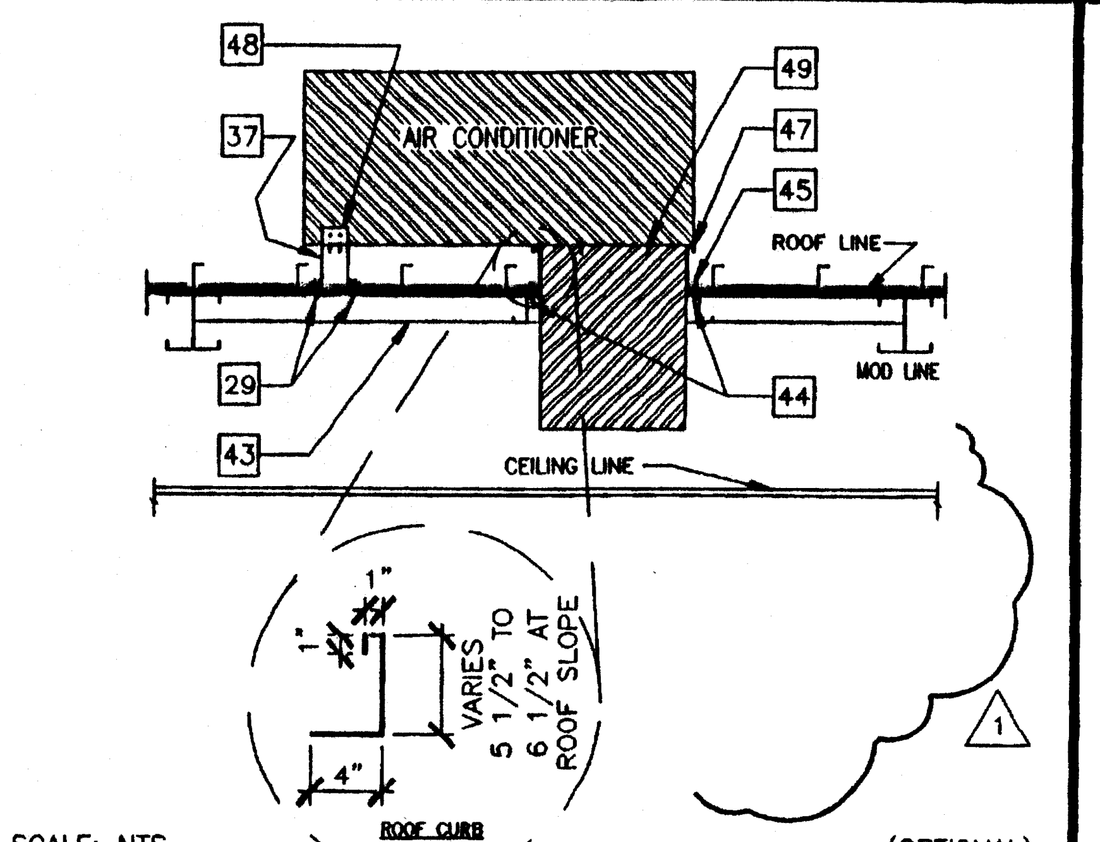
SCALE: 3"=1'-0"

INTERIOR DOOR JAMBS 7



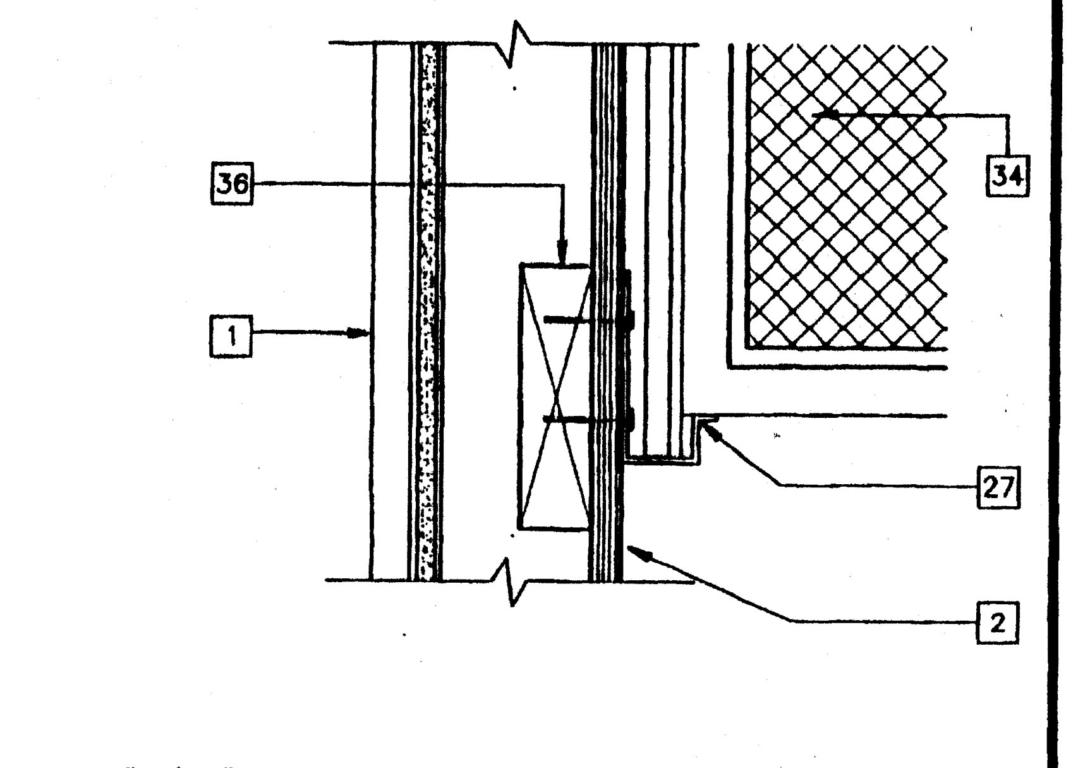
SCALE: 3"=1'-0" OPTIONAL

CLOSURE BETWEEN BUILDINGS 3



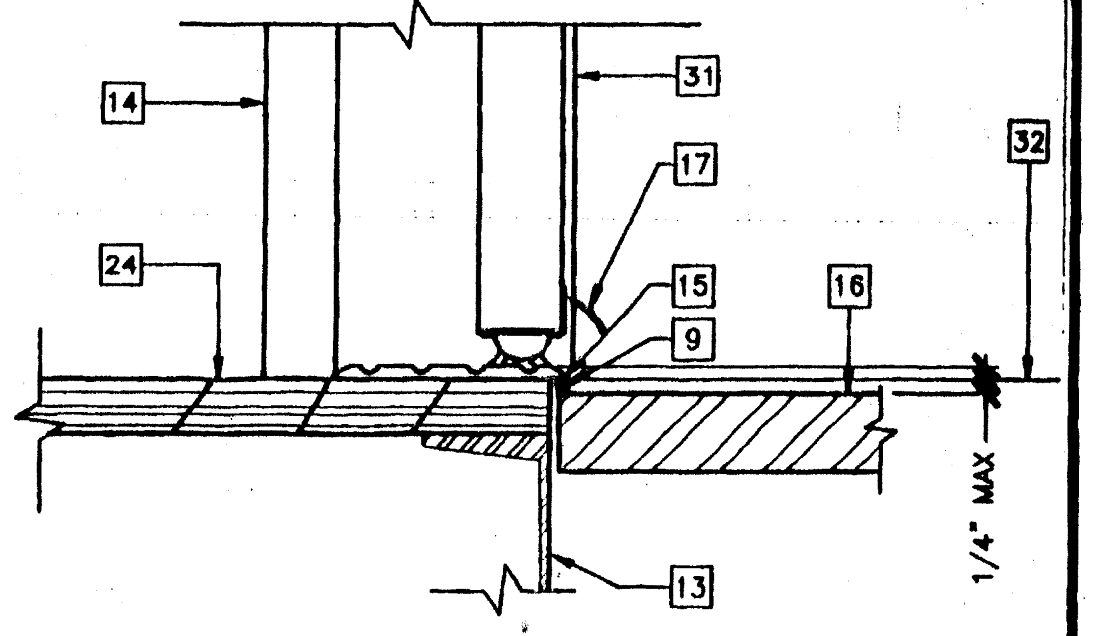
SCALE: NTS (OPTIONAL)

SECTION THRU AIR CONDITIONER 19



SCALE: 3"=1'-0"

HVAC UNIT AT BOTTOM 15



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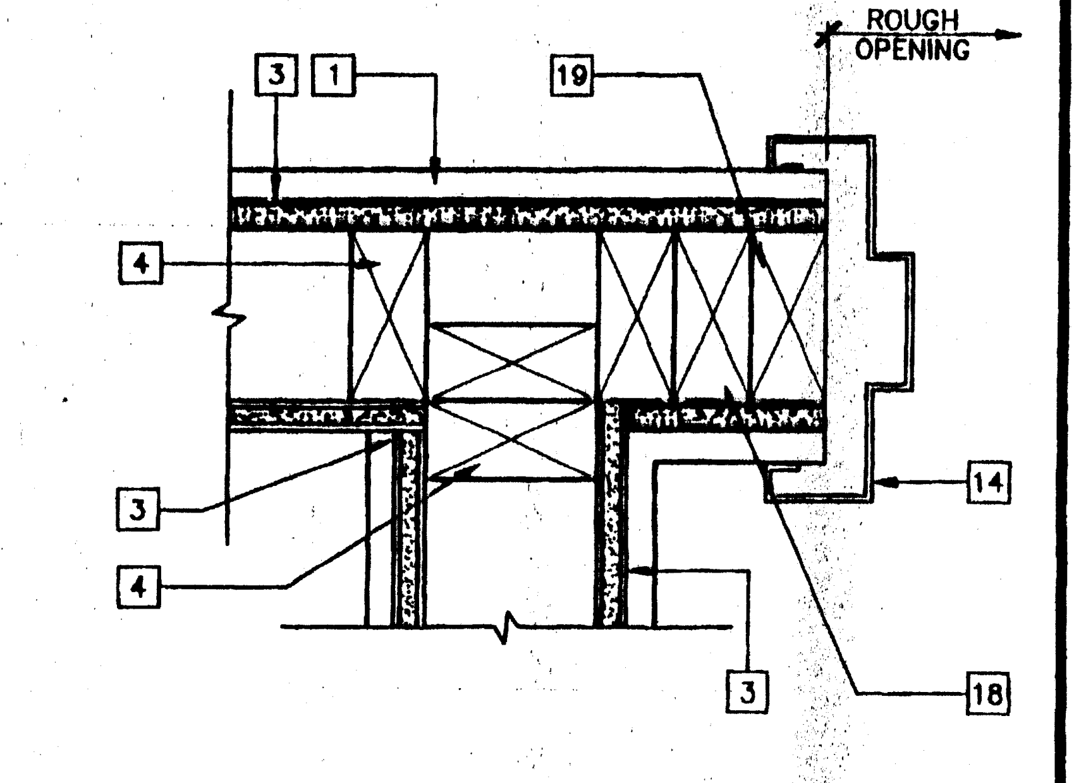
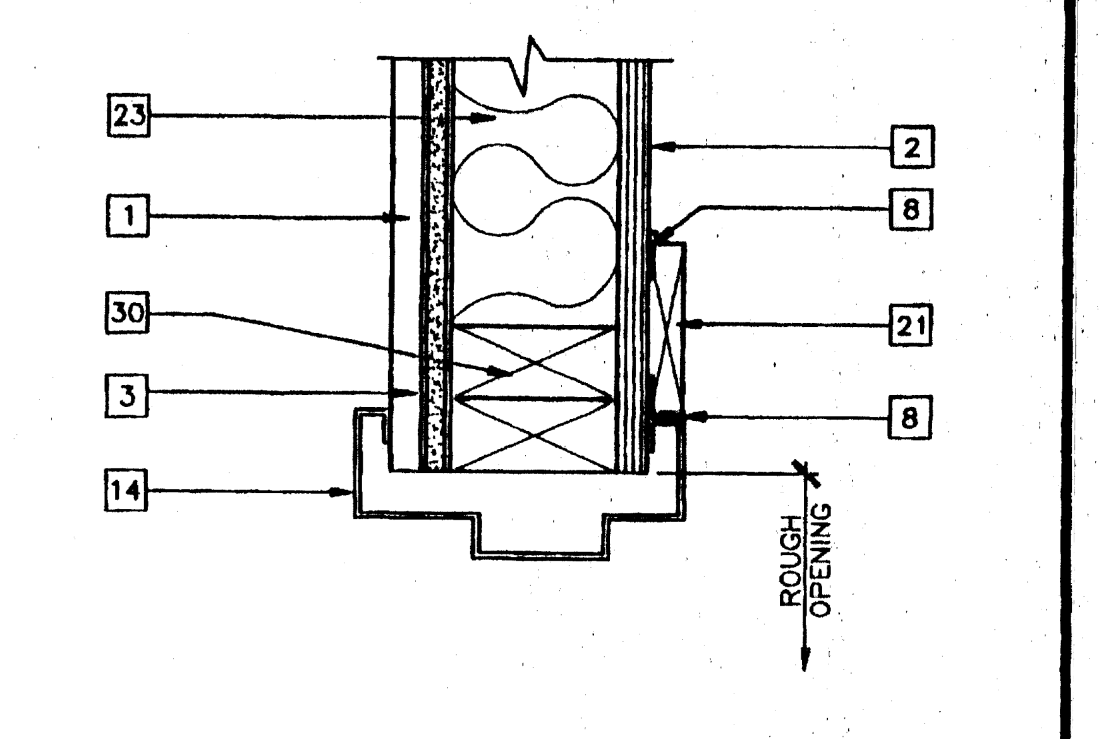
SCALE: 3"=1'-0"

THRESHOLD 12



SCALE: 3"=1'-0"

INTERIOR DOOR JAMBS 8



SCALE: 3"=1'-0"

EXTERIOR DOOR HEADER 4

KEY NOTES

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DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
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SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

1 TYPICAL INTERIOR FINISH (FIN) – 1/A5.01
2 TYPICAL EXTERIOR FINISH (SEE EXTERIOR ELEVATIONS)
3 1/2" GYPSUM BOARD BACKING WITH 7d COOLER NAILS AT MAX 7" OC TYPICAL AT EACH STUD
4 2"x4" STUD TYPICAL
5 INTERIOR WOOD TRIM.
6 DRIP FLASH 26 GA
7 TUBE STEEL COLUMN (STR)
8 SEALANT TYPICAL (SEE SPECS.)
9 CAULKING
10 CLOSURE
11 MODULE JOINT
12 5/8" TYPE X GYPSUM BOARD
13 FLOOR BEAM (STR)
14 PRESSED STEEL FRAME – 6/A5.01
15 ALUMINUM THRESHOLD – 1/4" WITH 2:1 BEVEL – 8/A5.01
16 FINISH LANDING
17 DOOR BOTTOM – 8/A5.01
18 (2) 2"x4" KING STUD – 13/S4.02
19 2"x4" TRIMMER STUD – 13/S4.02
20 'J' MOLD 26 GA
21 1"x4" WOOD TRIM WITH 8d ELECTRO GALVANIZED AT 12" OC
22 SILL PLATE – 13/S4.02
23 INSULATION (SEE SPECS. FOR SIZE AND TYPE)
24 FINISH FLOORING – 1/A5.01
25 2"x4" FULL HEIGHT JAMB STUDS – 13/S4.02
26 WINDOW GLAZING – 3/A5.01
27 HVAC UNIT BOTTOM SEAT 12 GAx24" LONG WITH (6) 3/8" DIAx2" LAG BOLTS
28 ALUMINUM NAIL ON WINDOW FRAME. INSTALL WITH 8d BOX ELECTRO GALVANIZED NAILS AT 24" OC MAXIMUM WITH MINIMUM 3" BUILDING PAPER BETWEEN FRAME AND WALL.
29 #14 x2" SMS INTO PURLIN (TYP 4 PLACES) 1
30 HEADER – 13/S4.02
31 DOOR – 6/A5.01
32 FINISHED FLOOR LINE
33 HVAC SIDE BRACKET (FURNISHED WITH UNIT) ATTACH TO WALL WITH 3/4"x2" LAG SCREWS
34 HVAC UNIT (HV)
35 4"x4" POST OR ALTERNATE – (2) 2"x4" FULL HEIGHT STUDS WITH 1/2" PLYWOOD SPACER STITCH NAILED WITH 16d AT 12" OC STAGGERED
36 2"x6" LET-IN – S4.01
37 18 GA GALVANIZED IRON HAT 1
38 CLOSURE SCREEN
39 CORNER MOLDING
40 18 GA x2" WIDE ANGLE WITH 2-#10 SMS EACH LEG 1
41 18 GA x2" WIDE 5 1/2" DEEP 5' LONG RUNNER
42 3/4" PLYWOOD SHEATHING
43 14 GA x2" ROOF PURLIN AT 48" OC
44 #14 x2" SMS THRU ROOF CURBS INTO PURLIN (TYP 4 PLACES)
45 #8x3/4" SMS AT 5" OC MIN
46 ROOF PURLIN
47 24 GA ROOF CURB SECRE TO ROOF
48 18 GA x2" W/ANGLES SECURE TO A/C UNIT W/2 #10 SMS SECURE TO UNIT W/1 #14 SMS (TYP 2 PLACES)
49 #10 x3/4" SMS (TYP 4 PLACES)

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OFFICE OF REGULATION SERVICES
04 104812
AC FLS SS
DEC 05 2002

FILE PATH: 2440–A6.01.DWG

PROJECT NO. 4373

PC–04–101268

REVISIONS

1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
JAMES T. SIMPSON
No 3602
2000

Architects Seal
GEORGE C. EDWARDS
C-2956
REN. 9-30-03

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OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE ~~SEP 07 1999~~
REVISED OCT 02 2000

MODTECH

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373 ©
COLTON U.S.D.

ARCHITECTURAL DETAILS WOOD STUDS

DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
28-A6.01

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APP: 03-126208 INC:
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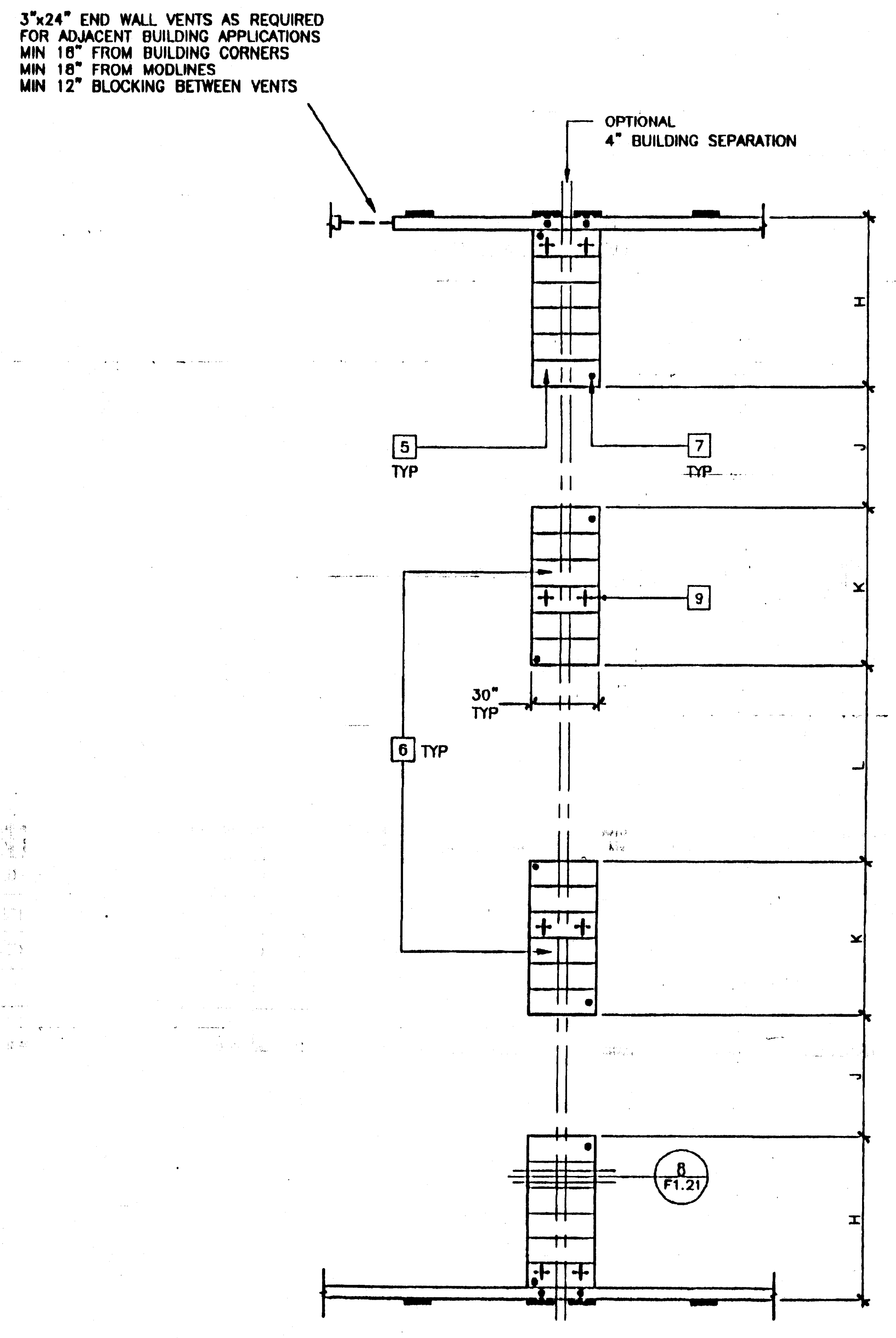
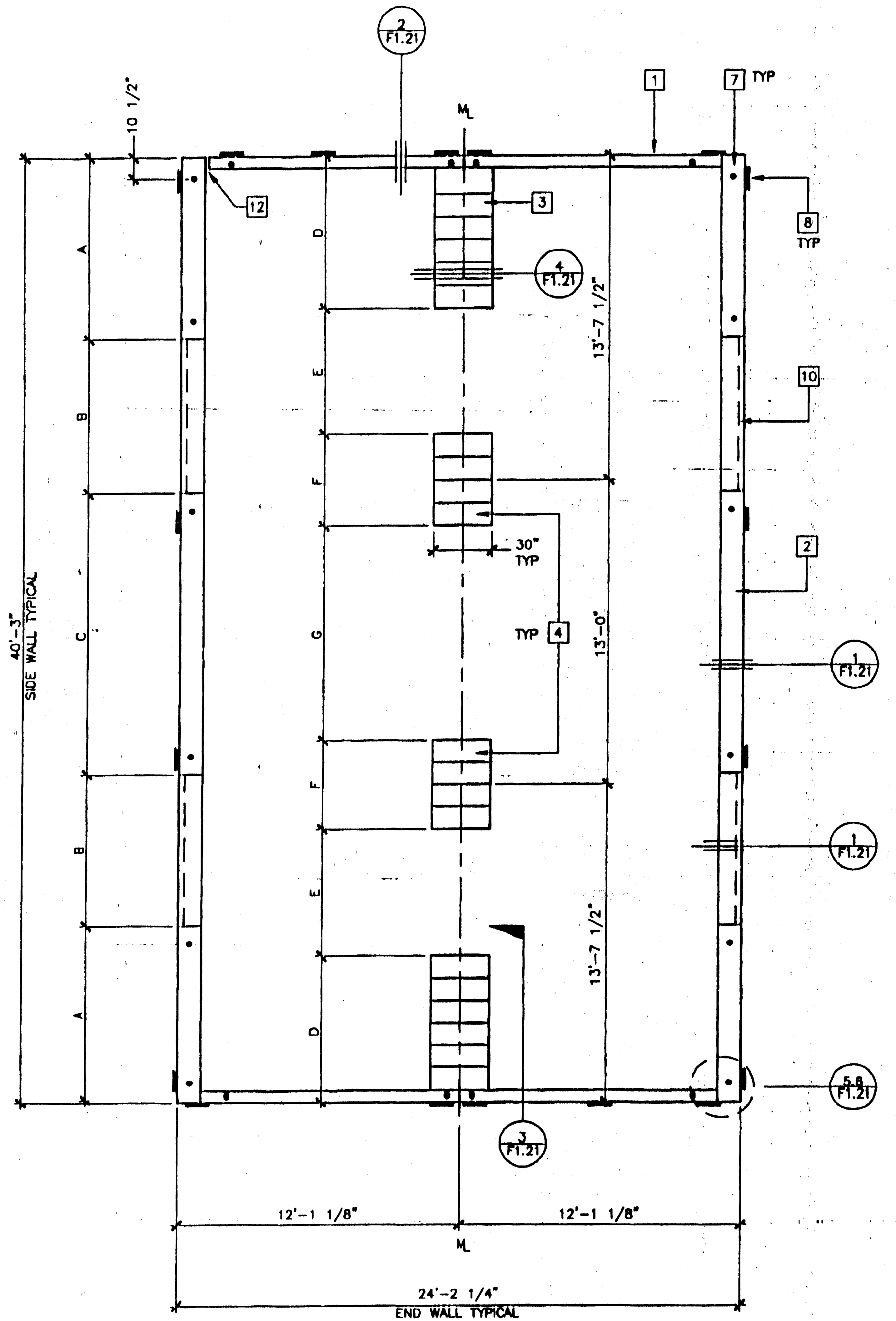
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026


3"x24" END WALL VENTS AS REQUIRED
FOR ADJACENT BUILDING APPLICATIONS
MIN 18" FROM BUILDING CORNERS
MIN 18" FROM MODLINES
MIN 12" BLOCKING BETWEEN VENTS
OPTIONAL
4" BUILDING SEPARATION
H
J
K
L
K
J
H
5 TYP
7 TYP
9
30" TYP
6 TYP
8 F1.21

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 2 1 2000 **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"x6"
SIDE WALL	SILL	2"x12"	2"x12"	2"x12"
	BLOCKING	2"x8"	2"x8"	2"x8"
	TOP PLATE	2"x6"	2"x6"	2"x6"
MODLINE PAD AT ENDWALL	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(5)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"	(12)2"x10"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"	(6)2"x12"x30"	(6)2"x10"x30"
	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"
4" SEPARATION PAD AT INTERIOR	SILL	(8)2"x12"x30"	(8)2"x12"x30"	(14)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"	SEE SHEET F1.11
B	6'-6"	4'-0"	4'-0"	
C	12'-0"	14'-0"	14'-0"	
D	6'-1"	7'-1/4"	5'-7 1/2"	
E	5'-6"	4'-4"	3'-8"	
F	3'-9"	4'-8 1/4"	9'-3"	
G	9'-7"	8'-2"	3'-8"	
H	6'-1"	6'-1"	5'-6 1/4"	
J	4'-9"	3'-10"	2'-6"	
K	5'-7 1/2"	7'-6"	10'-9 1/2"	
L	7'-4"	5'-5"	2'-7 1/2"	

VENT CALCULATIONS

VENTING REQUIRED=24'x40'=960/150=6.4 SF

VENT

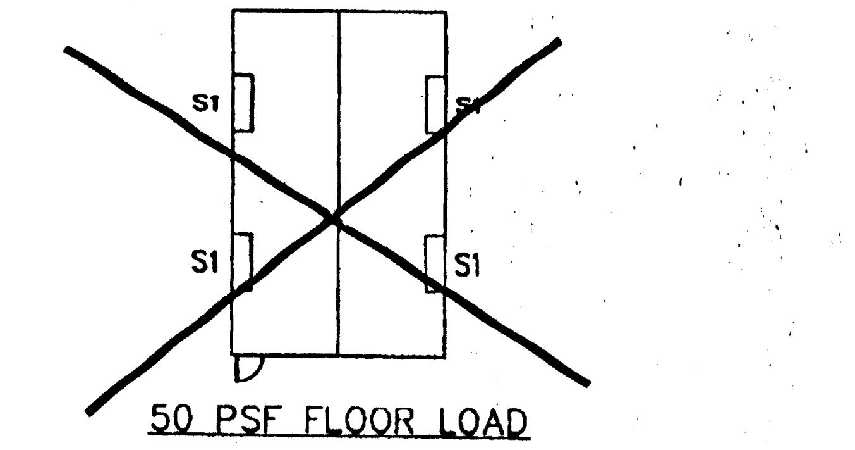
S1=3"x78"=1.63 SF
S2=3"x48"=1.00 SF
E1=3"x24"=0.50 SF

50 PSF FLOOR LOAD

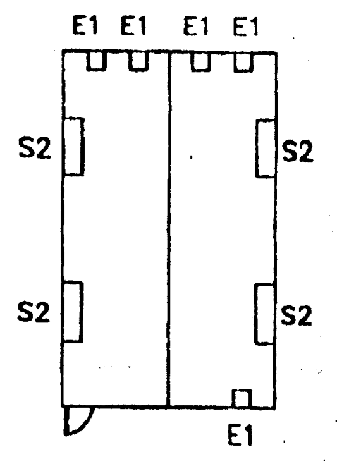
S1X4=6.52 SF > 6.40 SF OK

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" 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

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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 6-30-2001

Architect's Seal

GEORGE C. EDWARDS
C 2956
REN. 9-30-01

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SEP 0 1 2000

MODTECH INC.
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PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, 4384, 4438, 4474 © MODTECH, INC. 2002

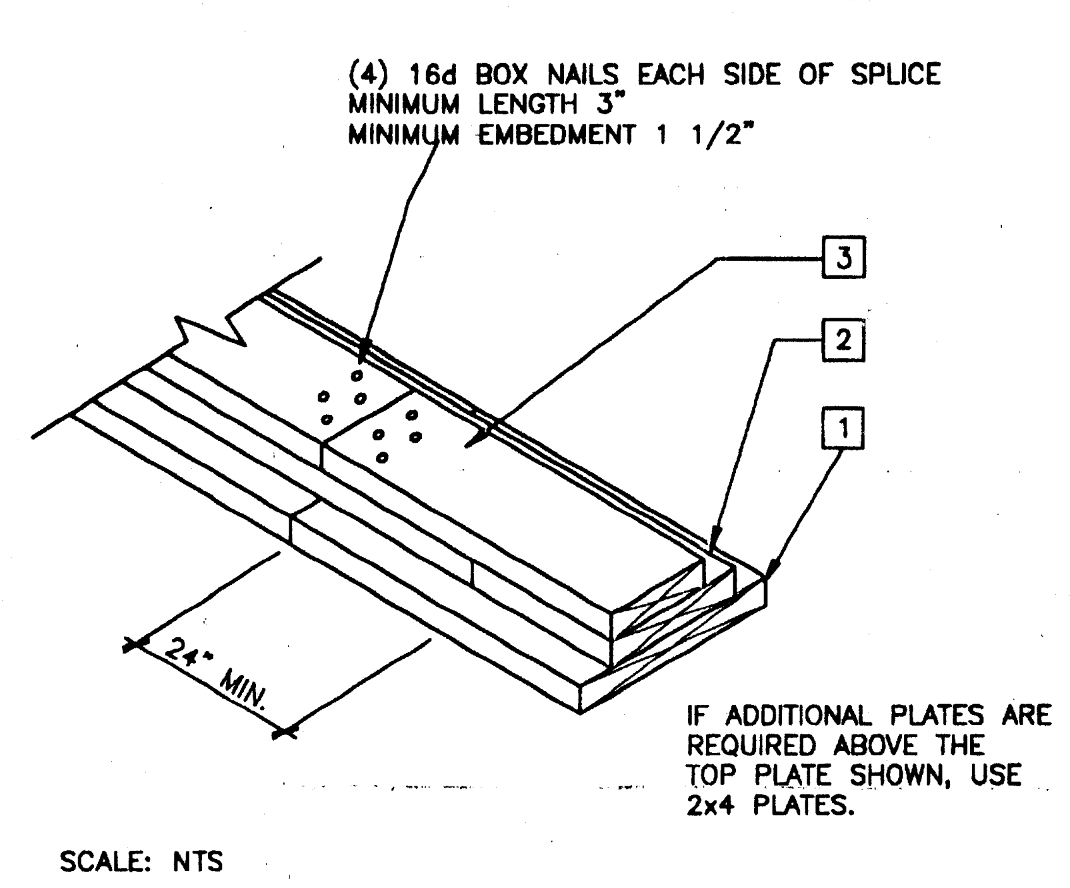
10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02

FOUNDATION PLAN 24'X40'/WOOD/50, 50+20, 100 PSF

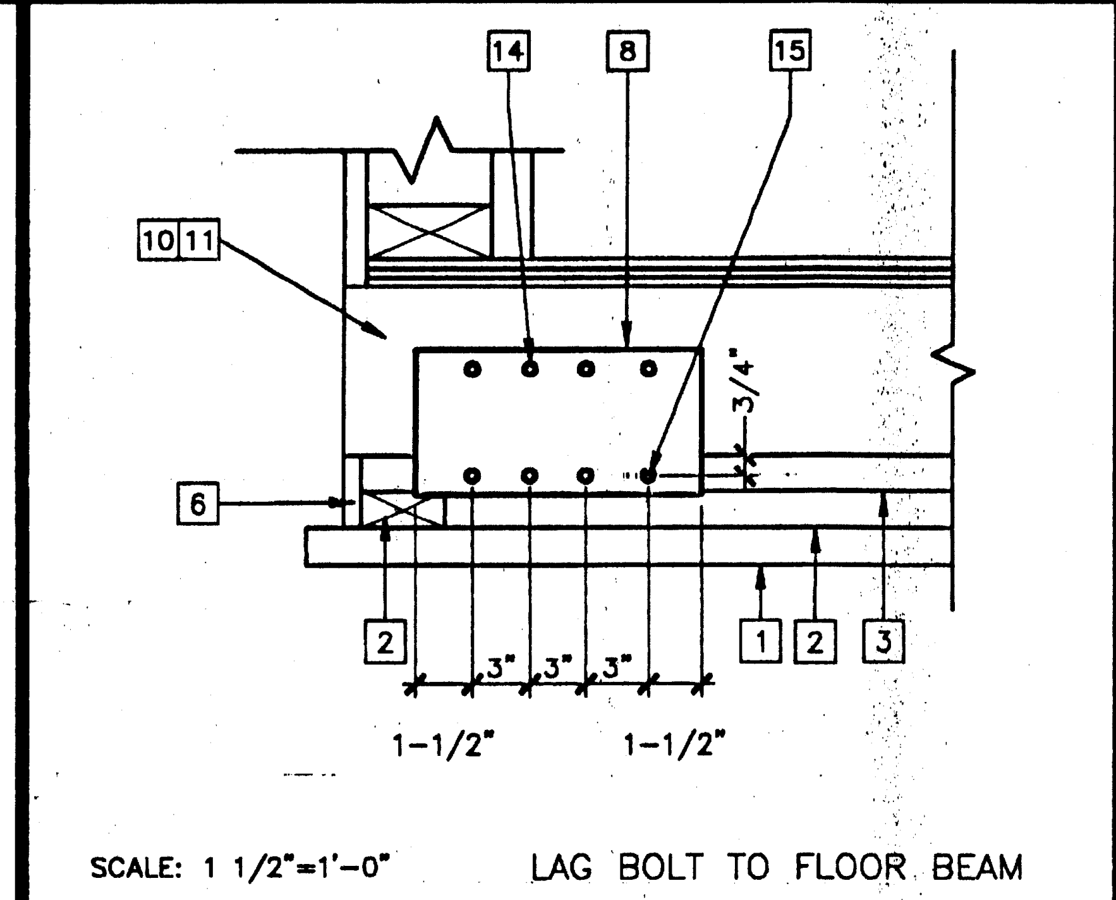
DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124
MODTECH Index No.
28-F1.01

PROJECT NO. 4373

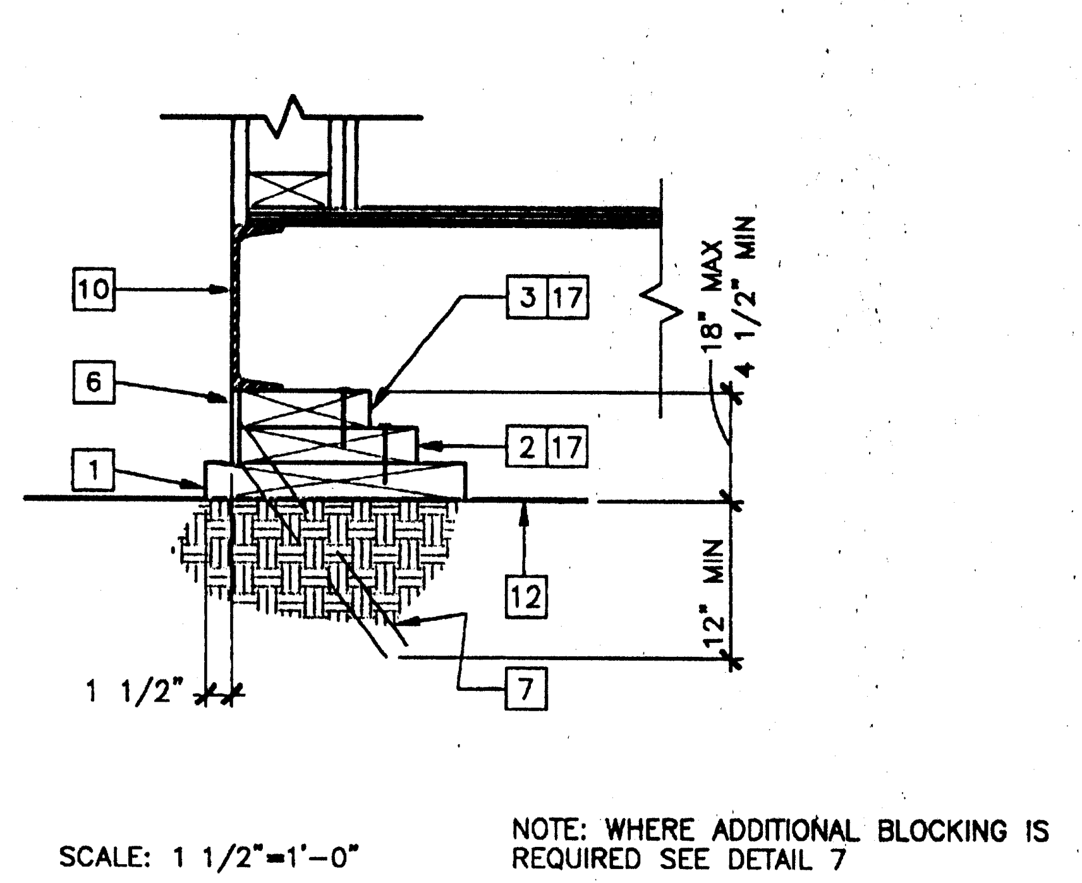
PC-04-101268


(4) 16d BOX NAILS EACH SIDE OF SPLICE
MINIMUM LENGTH 3"
MINIMUM EMBEDMENT 1 1/2"
3
2
1
24" MIN.
IF ADDITIONAL PLATES ARE REQUIRED ABOVE THE TOP PLATE SHOWN, USE 2x4 PLATES.
SCALE: NTS

FOUNDATION SPLICE 9

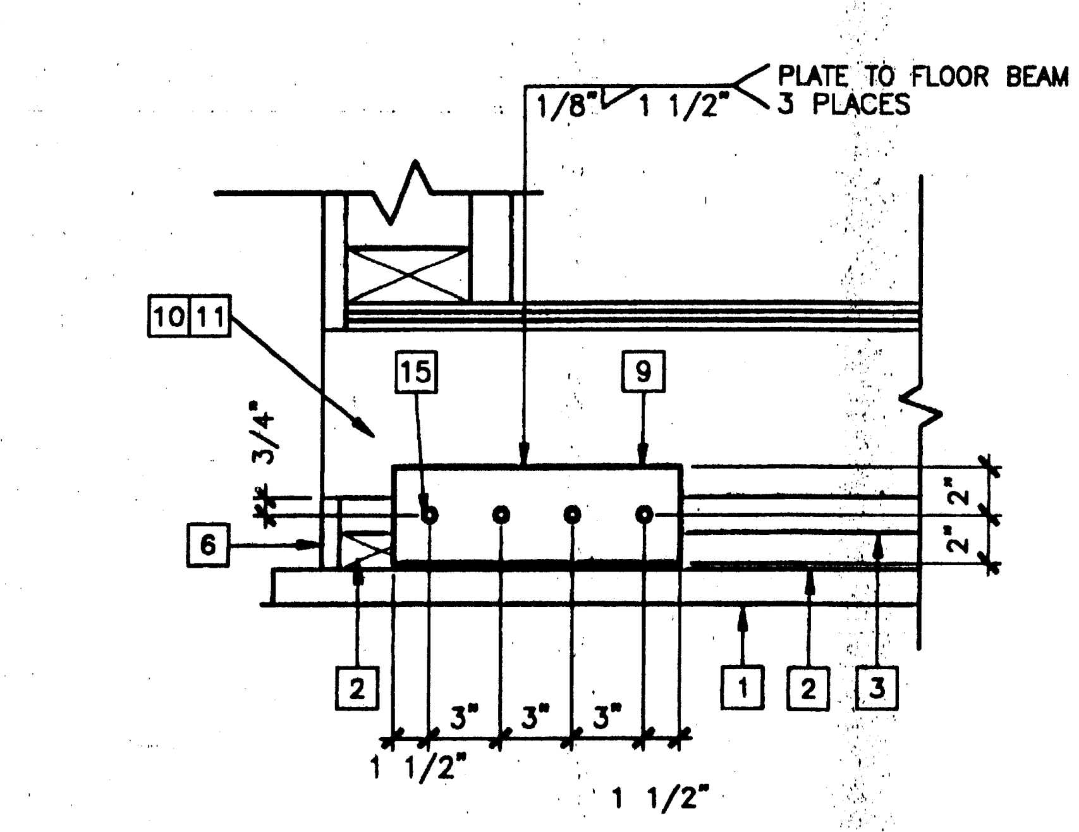


TIE PLATE 5

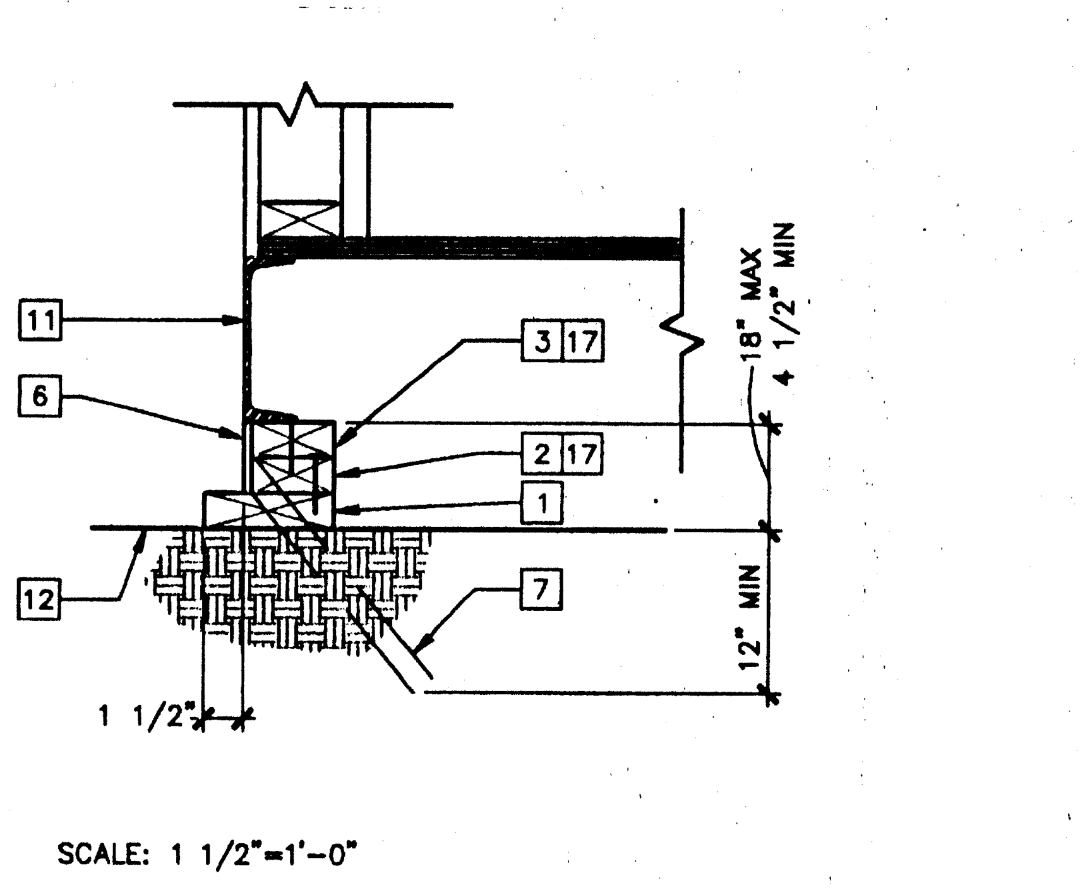


FOUNDATION AT SIDE WALL 1

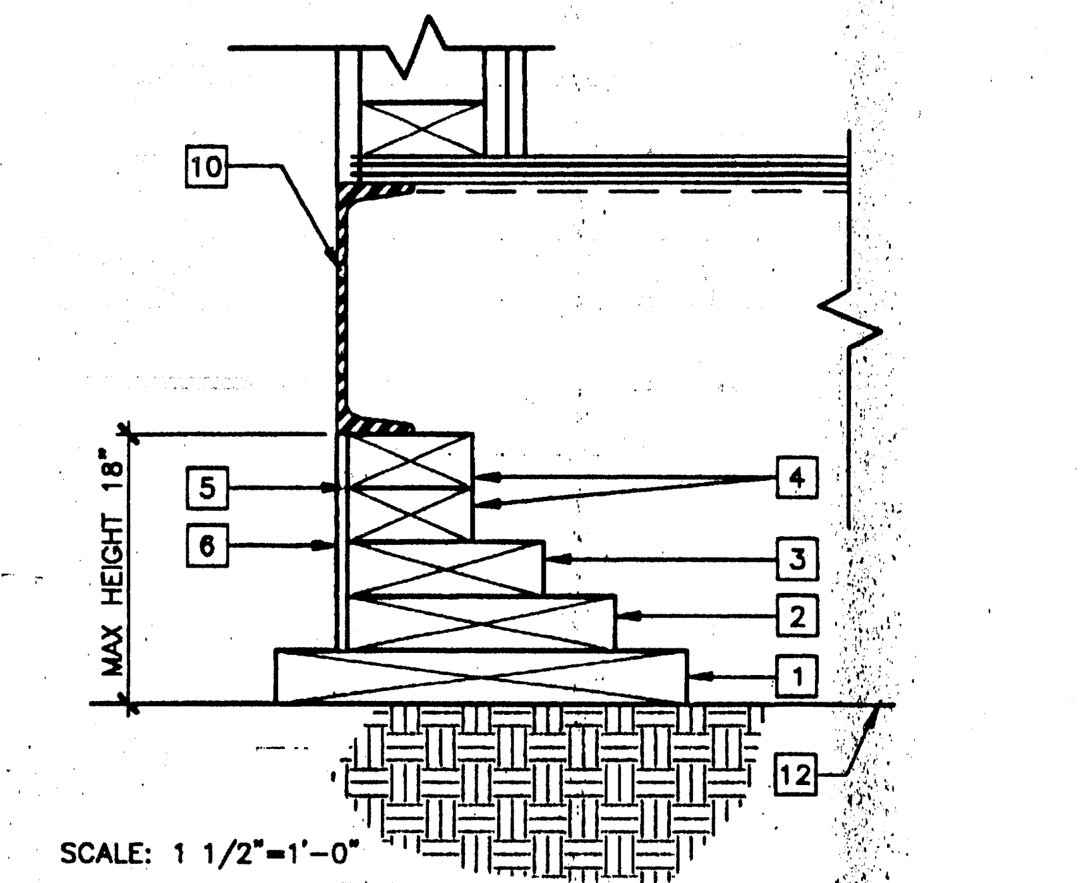
. 10



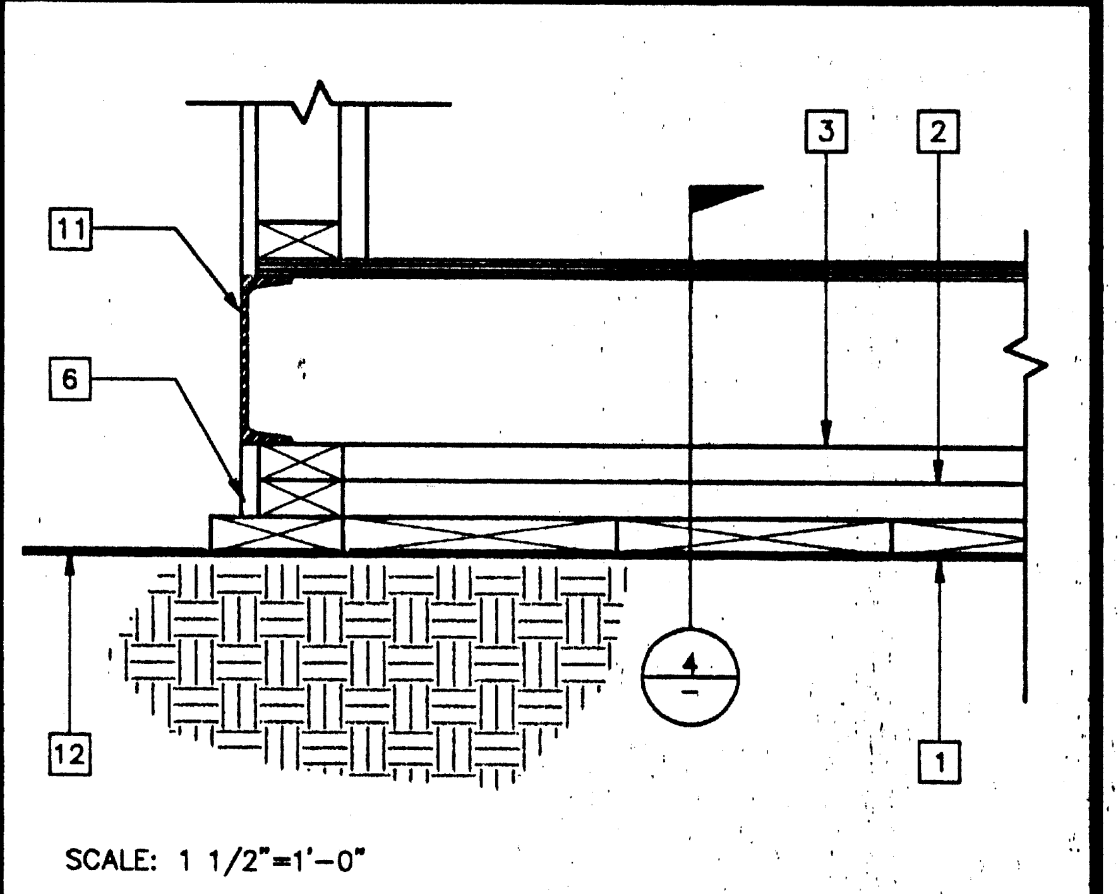
TIE PLATE (ALTERNATE) 6



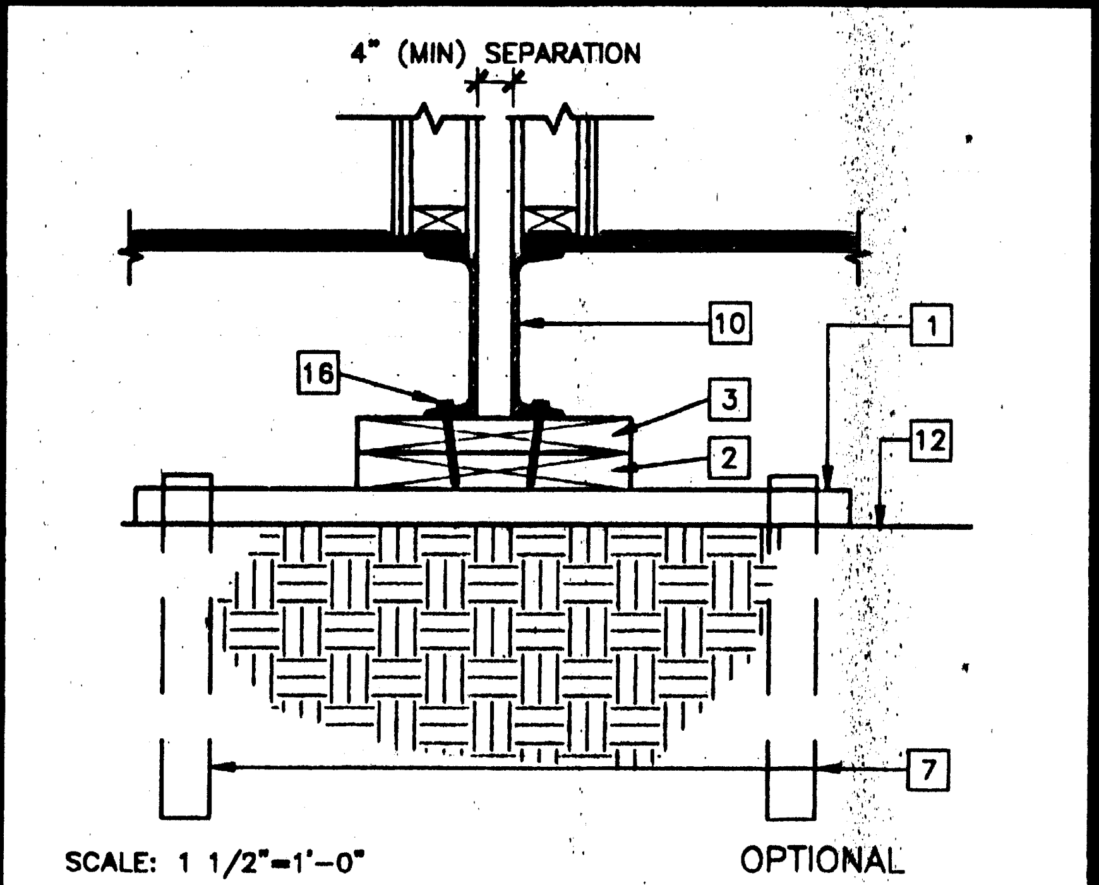
FOUNDATION AT END WALL 2



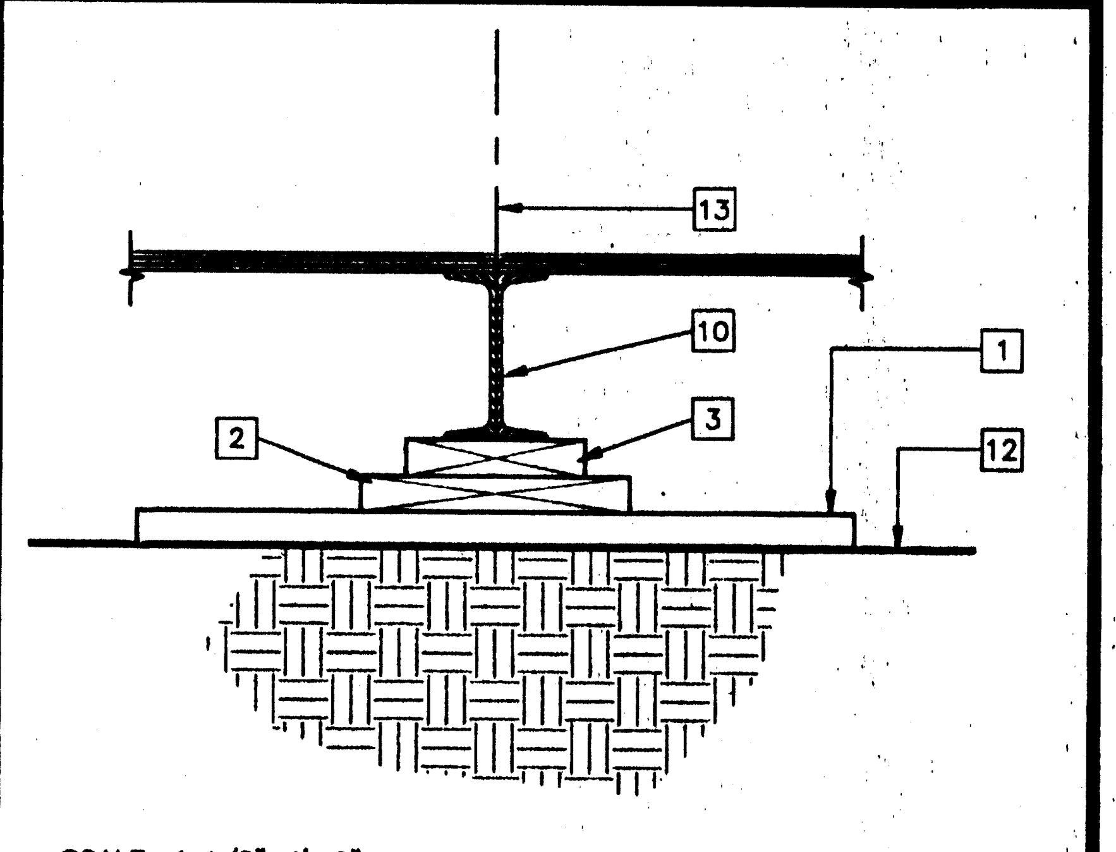
ADDITIONAL BLOCKING 7



FOUNDATION AT MODLINE 3



FOUNDATION AT ADJACENT BUILDING 8



FOUNDATION AT MODLINE 4

KEY NOTES

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DATE: 09/15/2026

- 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

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DEC 05 2002

FILE PATH: 2440-F1.21.DWG

PROJECT NO. 4373

PC

CBC 1998

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

No. 3502

LICENSE EXPIRES 6-30-2000

Architects Seal

GEORGE C. EDWARDS
No. C 2956
REN. 9-30-03

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PH (909) 943-4014
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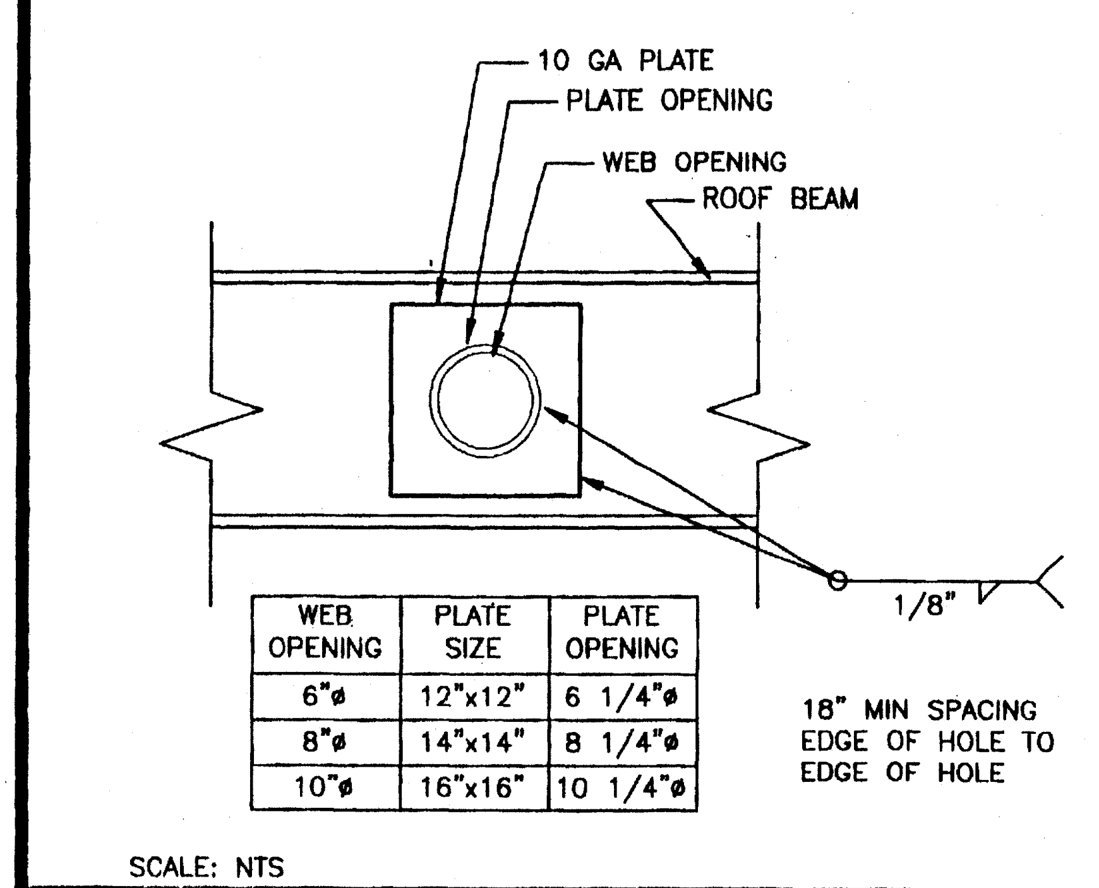
PROJECT NUMBER: 4373, 4378, 4384, 4438 © MODTECH, INC. 2002
4474
10- 24 x 40 CLASSROOMS A# 04-104812
SERIAL # 46974-01/02 TO 46978-01/02
SERIAL # 47176-01/02 TO 47176-01/02
4474 STOCK-LATHROP STOCKPILE #67

FOUNDATION DETAILS WOOD/50, 50+20, 100 PSF

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
28-F1.21

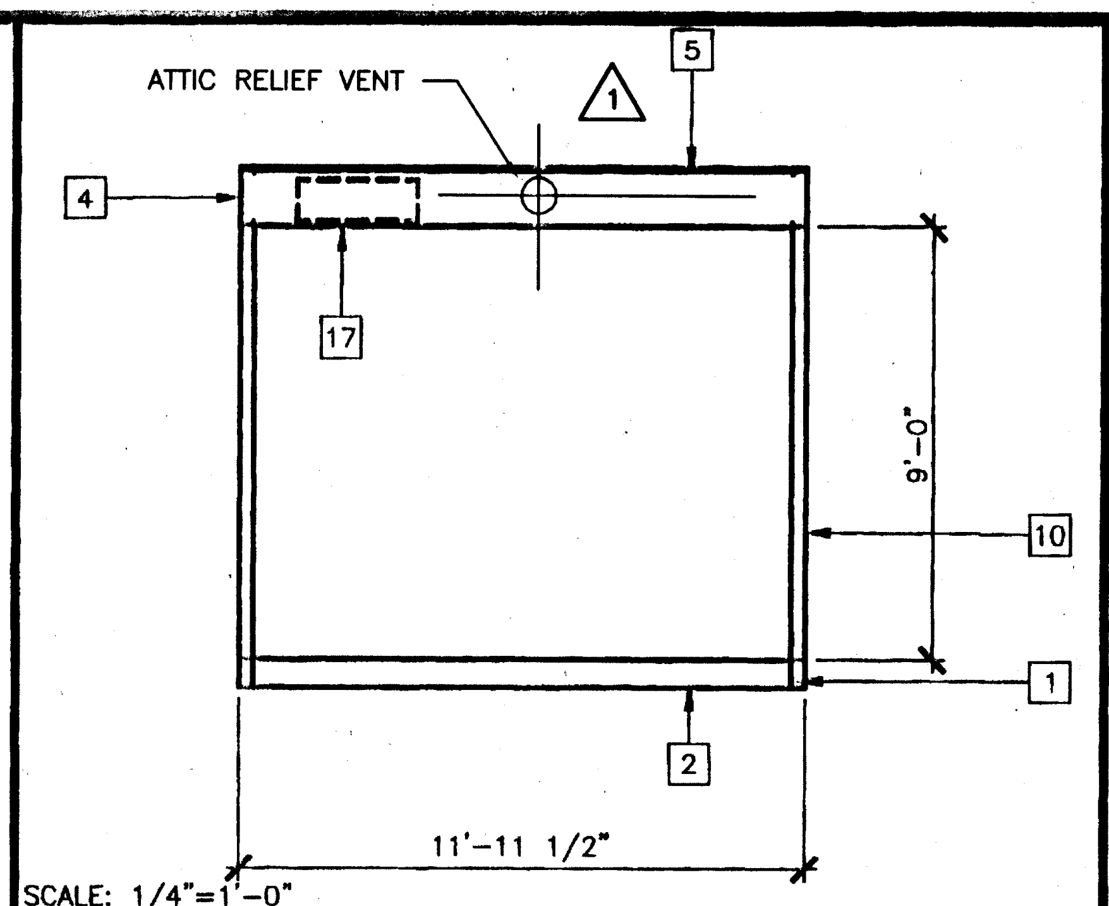
PC-04-101268



WEB OPENING	PLATE SIZE	PLATE OPENING
6"ø	12"x12"	6 1/4"ø
8"ø	14"x14"	8 1/4"ø
10"ø	16"x16"	10 1/4"ø

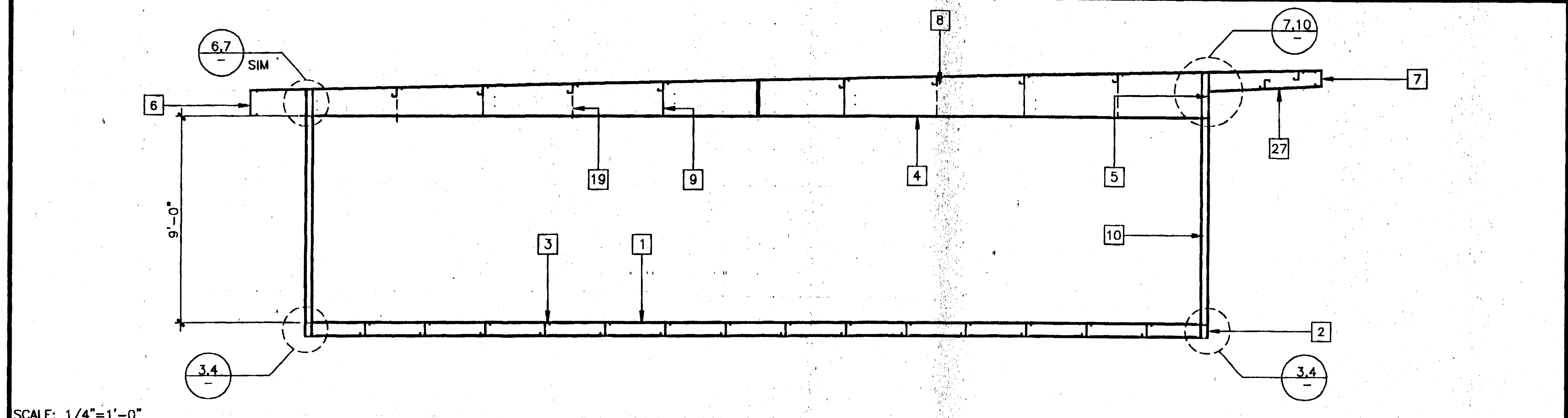
SCALE: NTS

OPTIONAL BEAM PENETRATION 11



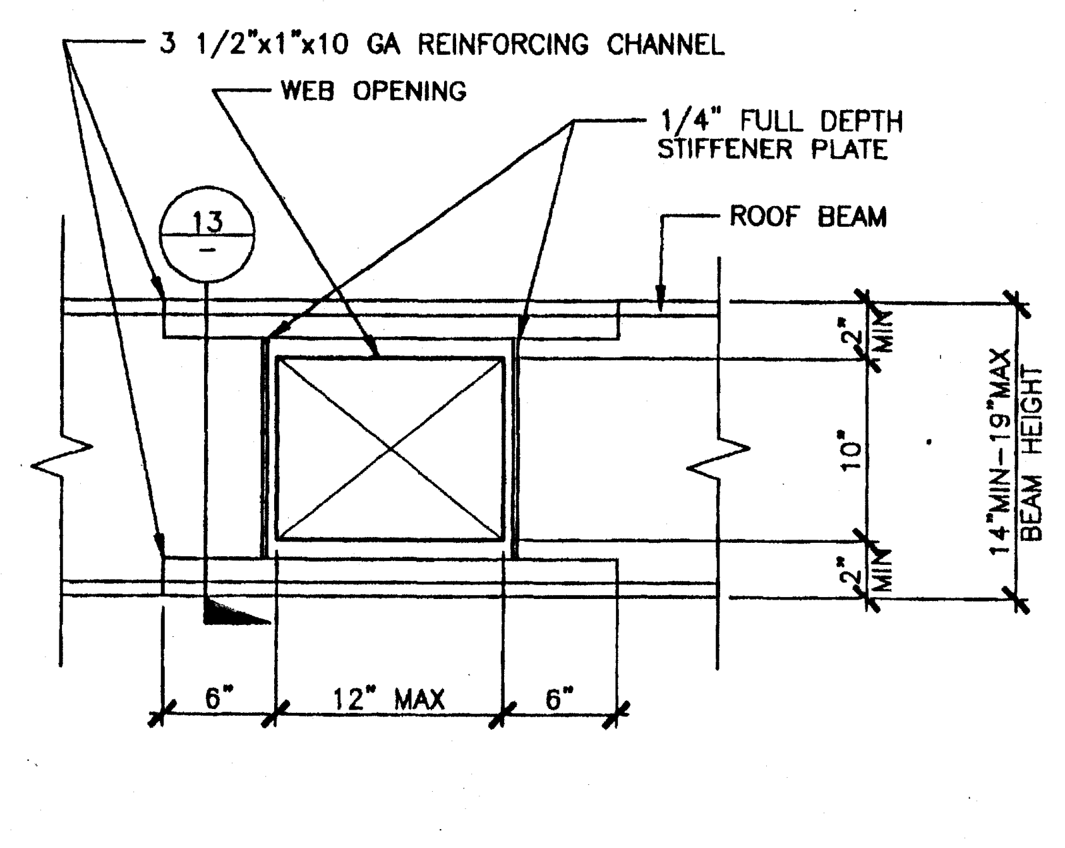
SCALE: 1/4"=1'-0"

SECTION AT END WALL B



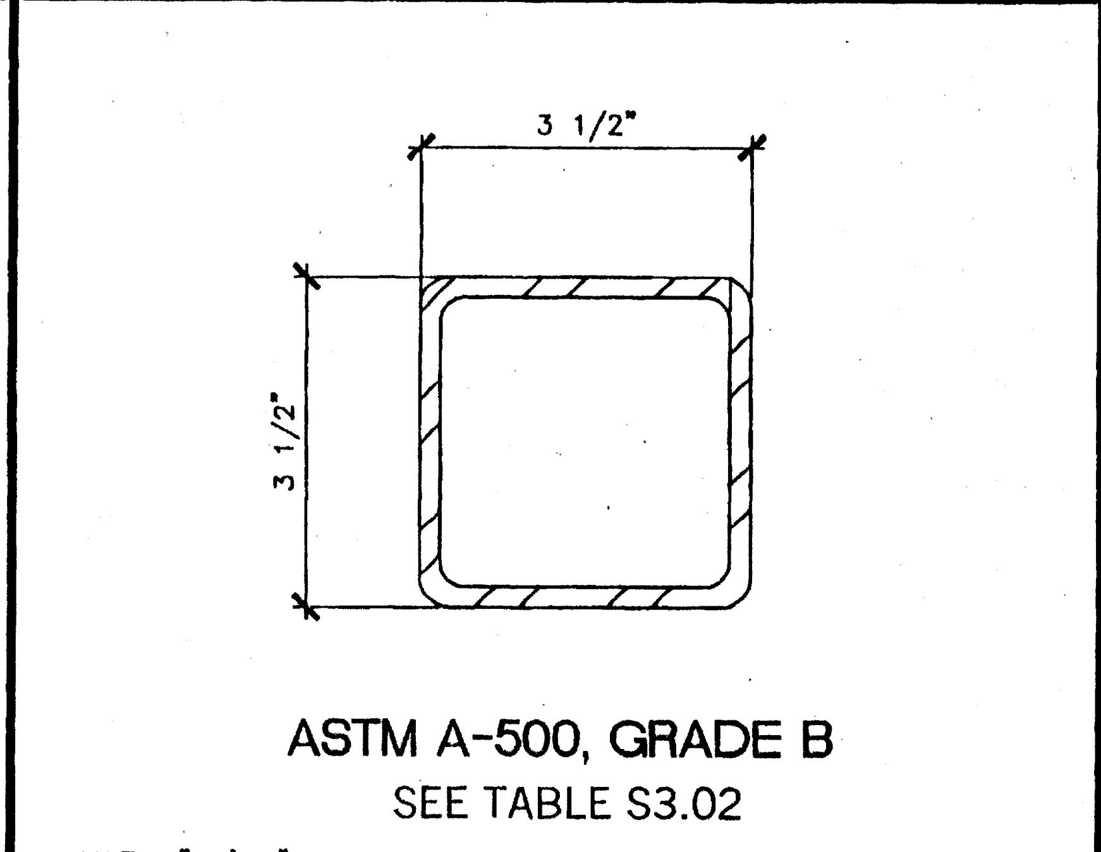
SCALE: 1/4"=1'-0"

SECTION AT SIDE WALL A


3 1/2"x1"x10 GA REINFORCING CHANNEL
WEB OPENING
1/4" FULL DEPTH STIFFENER PLATE
ROOF BEAM
13
2" MIN
10"
2" MIN
14"MIN–19"MAX BEAM HEIGHT
6"
12" MAX
6"

SCALE: NTS

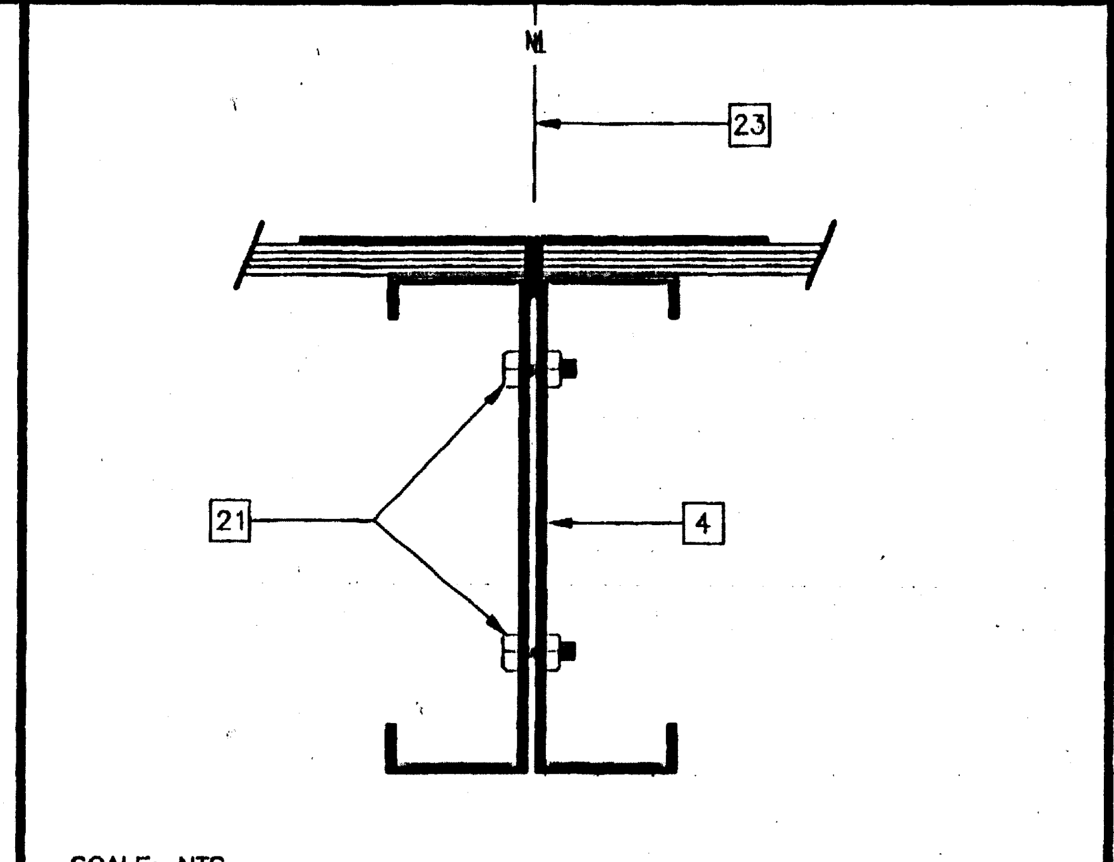
OPTIONAL BEAM PENETRATION 11



ASTM A-500, GRADE B
SEE TABLE S3.02

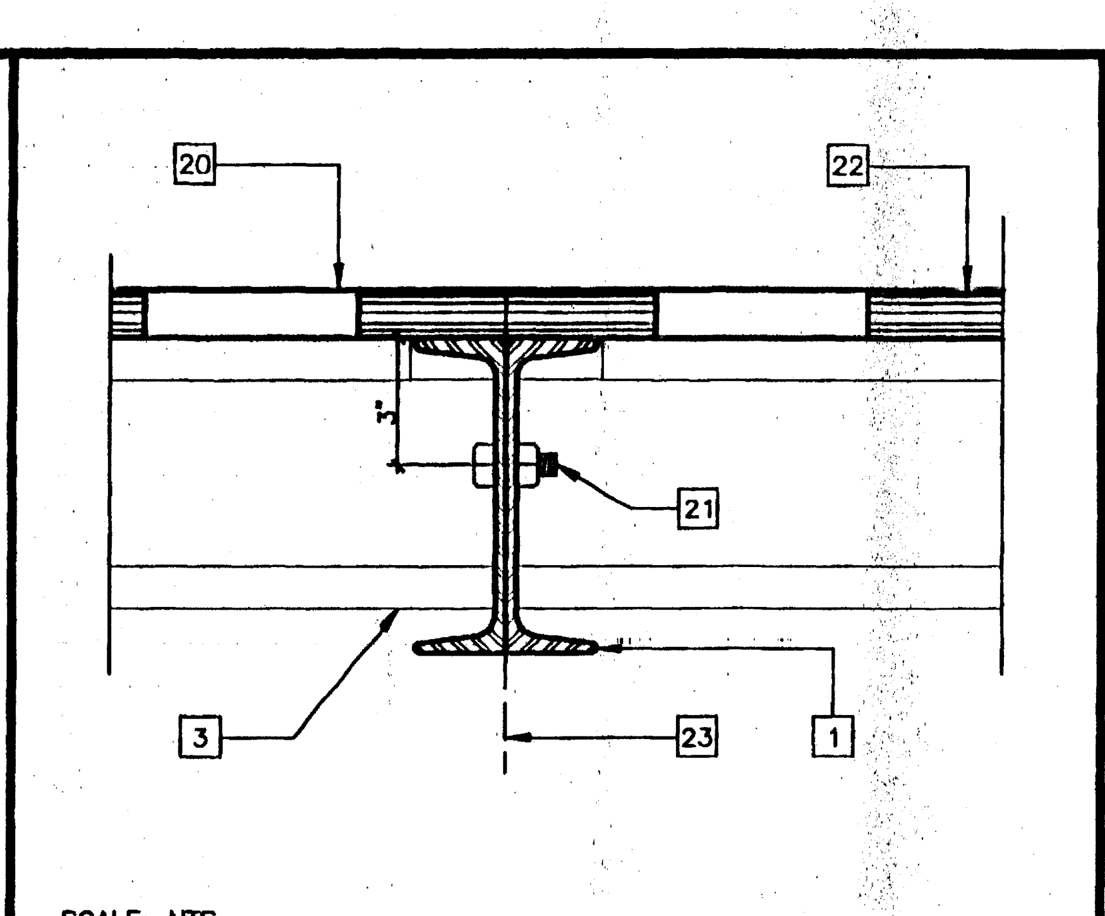
SCALE: 6"=1'-0"

TUBE STEEL COLUMN/STIFFENER 8



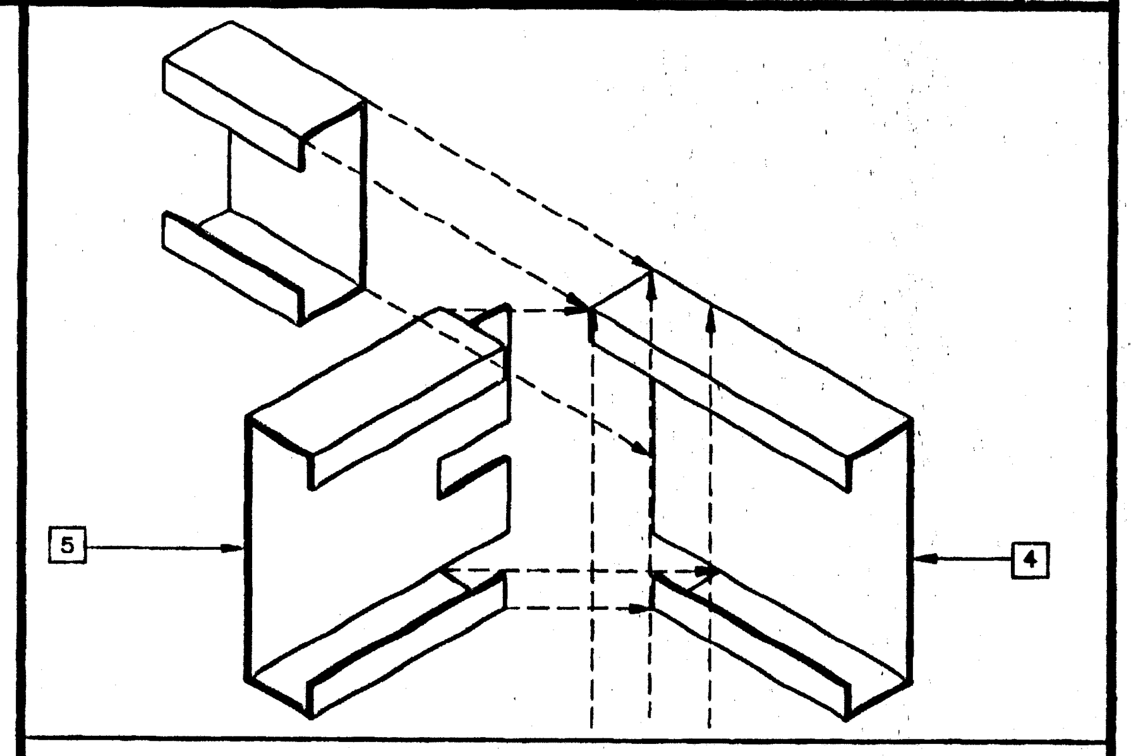
SCALE: NTS

MODULE CONNECTION AT ROOF 5

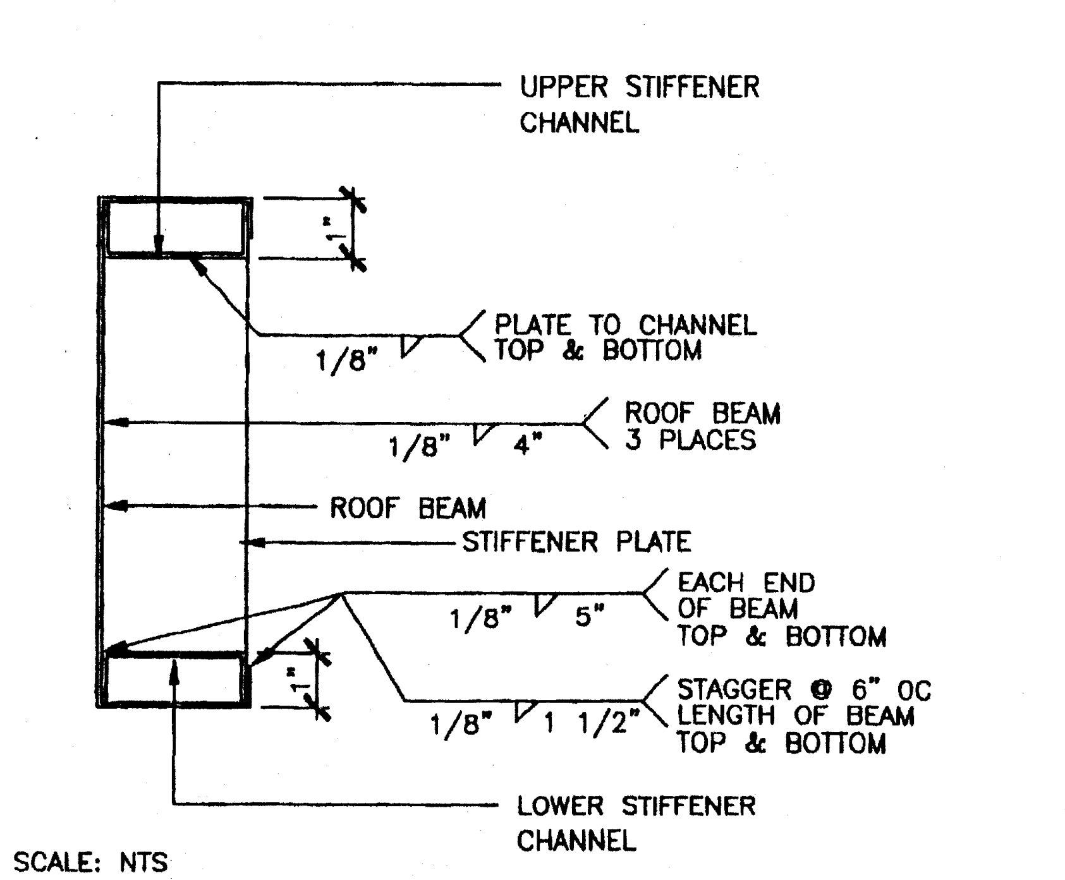


SCALE: NTS

MODULE CONNECTION AT FLOOR 2

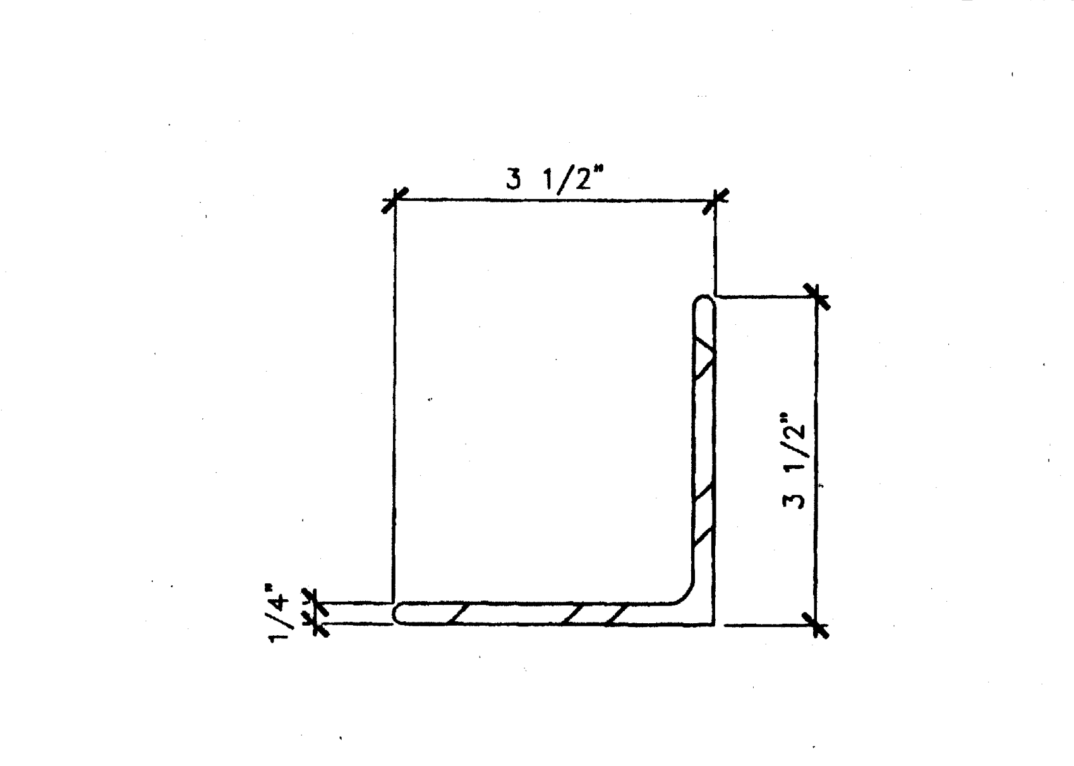


CONDITION AT MONO SLOPE HIGH END


UPPER STIFFENER CHANNEL
1/8" PLATE TO CHANNEL TOP & BOTTOM
1/8" 4" ROOF BEAM 3 PLACES
ROOF BEAM
STIFFENER PLATE
1/8" 5" EACH END OF BEAM TOP & BOTTOM
1/8" 1 1/2" STAGGER @ 6" OC LENGTH OF BEAM TOP & BOTTOM
LOWER STIFFENER CHANNEL

SCALE: NTS

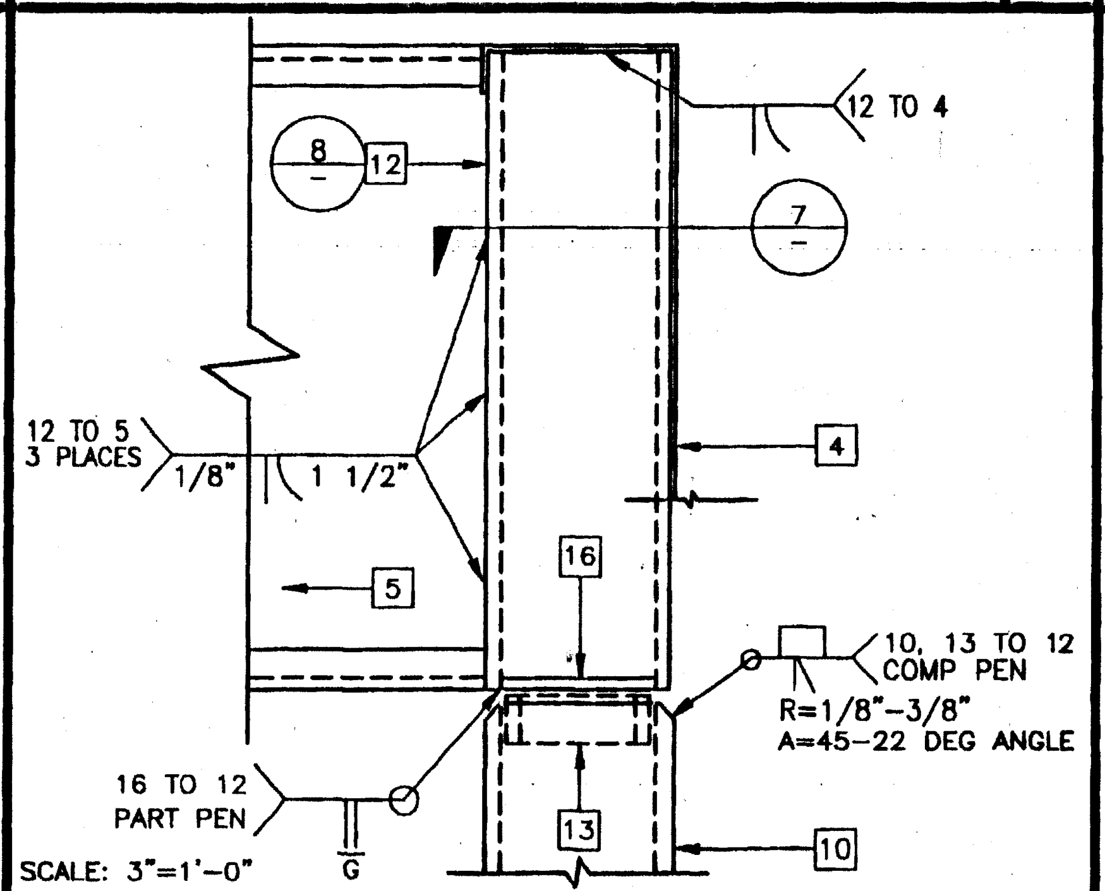
PENETRATION REINFORCMENT 12



ASTM A-36

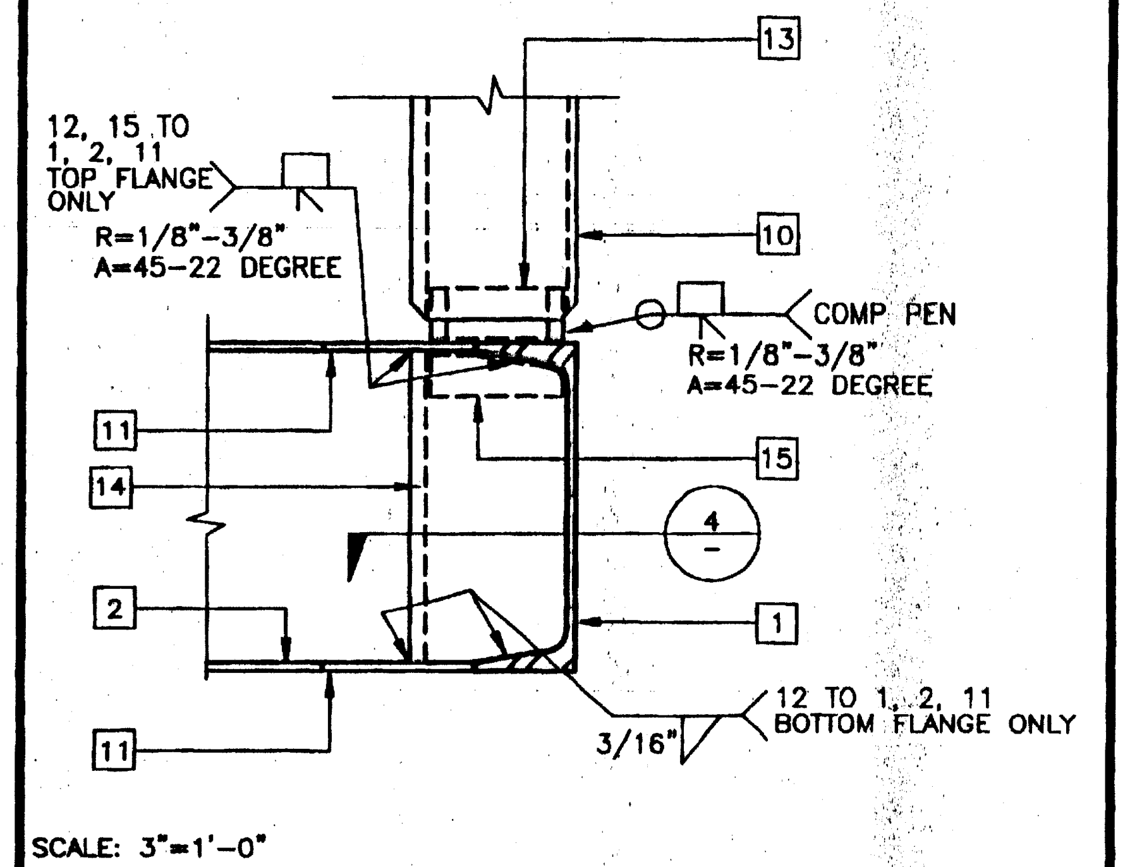
SCALE: 6"=1'-0"

STIFFENER ANGLE 9



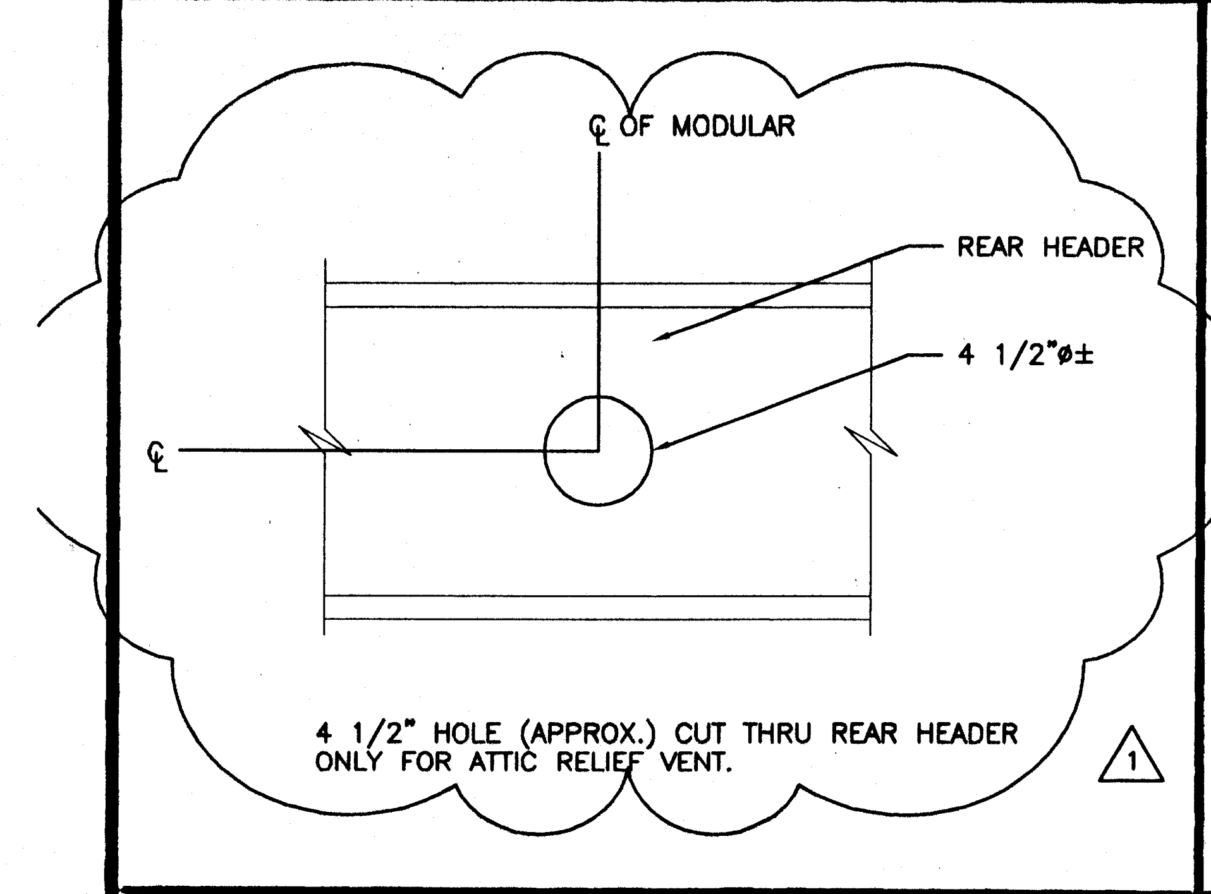
SCALE: 3"=1'-0"

COLUMN AT ROOF 6

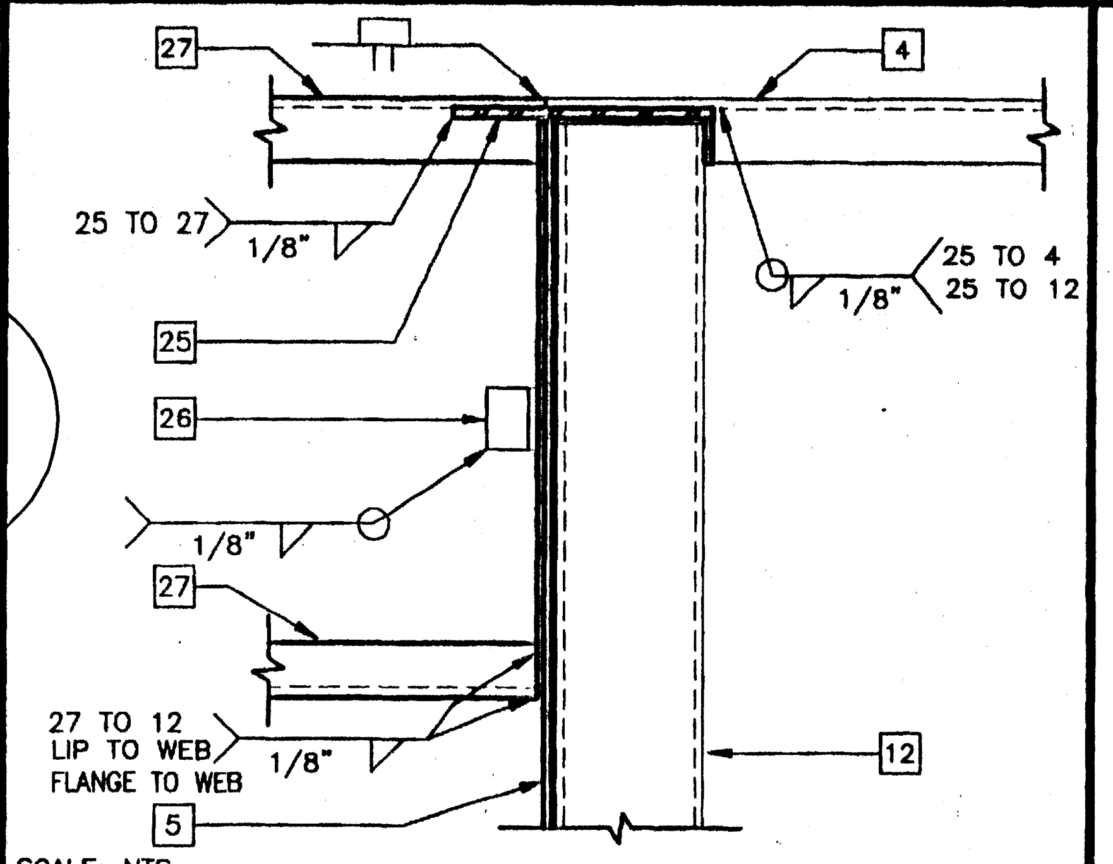


SCALE: 3"=1'-0"

COLUMN AT FLOOR 3

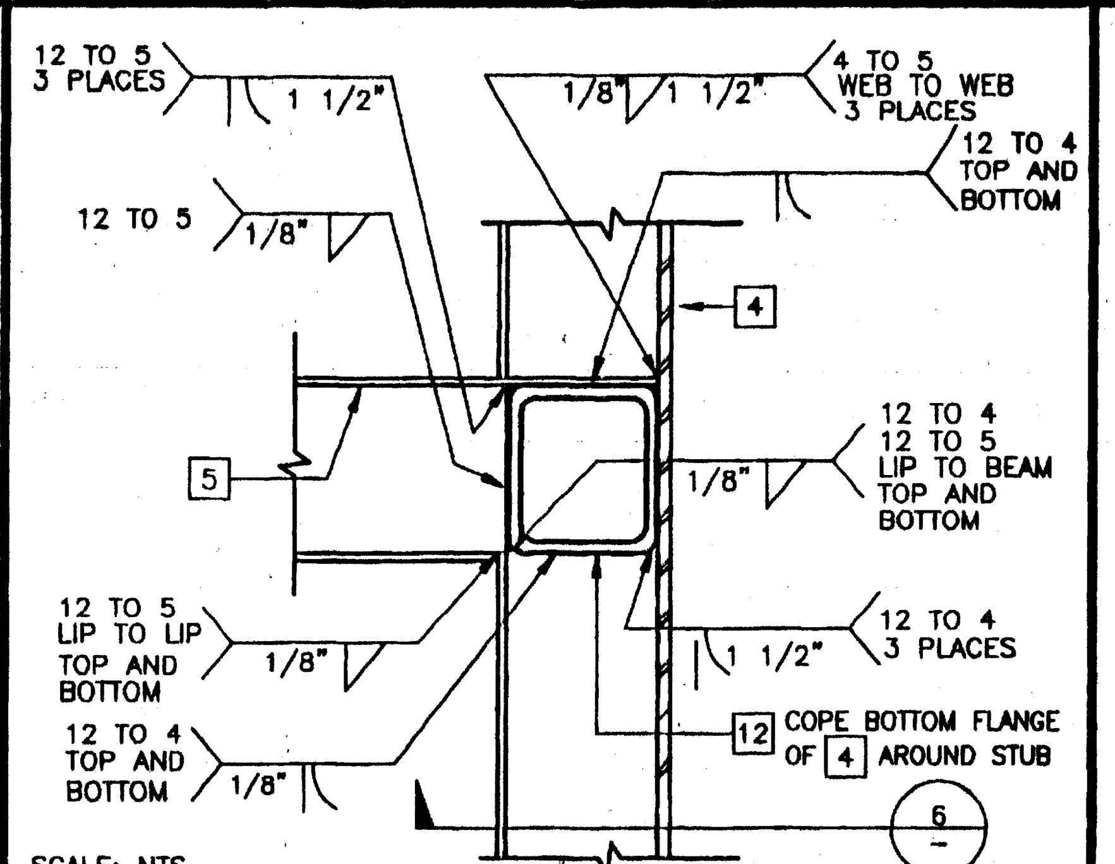

℄ OF MODULAR
REAR HEADER
4 1/2"ø±
℄
4 1/2" HOLE (APPROX.) CUT THRU REAR HEADER ONLY FOR ATTIC RELIEF VENT.
1

ATTIC RELIEF VENT 1



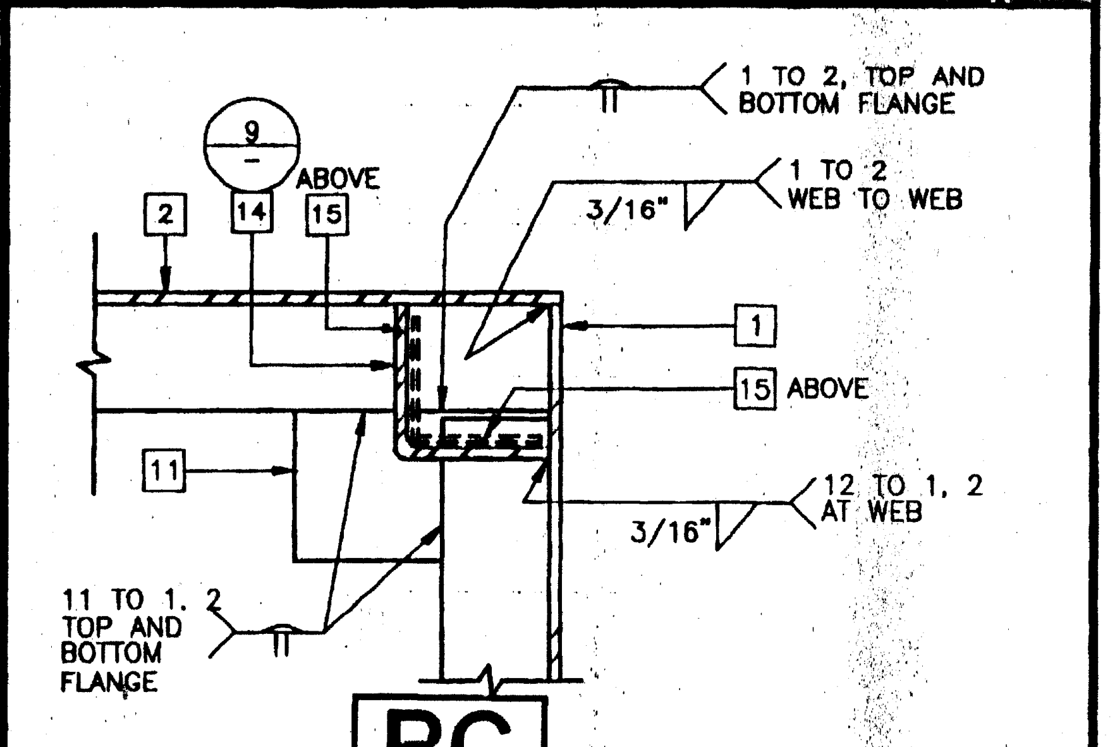
SCALE: NTS

OVERHANG AT ROOF BEAM 10



SCALE: NTS

STIFFENER AT ROOF 7



PC

CBC 1998

SCALE: NTS

STIFFENER AT FLOOR 4

KEY NOTES

1	FLOOR BEAM – 1/S1
2	FLOOR HEADER – 1/S1
3	FLOOR JOIST – 2/S1
4	TAPERED ROOF BEAM – 1/S2.02
5	ROOF HEADER –2/S2.02
6	ROOF FASCIA AT 2'–6" OVERHANG – 3/S2.02
7	ROOF FASCIA AT 5'–0" OVERHANG – 3/S2.02
8	ROOF PURLIN – 4/S2.02
9	1/4" FULL DEPTH STIFFENER PLATE AT 8'–0" OC TYPICAL ALIGN WITH PURLIN – 9/S2.02
10	TUBE STEEL COLUMN, SEE TABLE BELOW – 8/S3.02
11	3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE – 3/S1
12	3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
13	(1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14	3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15	BACK–UP PLATE – 10 GA MIN
16	1/4" BASE PLATE – INSERT FLUSH WITH STIFFENER TUBE
17	HVAC DUCT OPENING – 12/S2.02
18	NOT USED
19	1/4" FULL DEPTH STIFFENER PLATE AT 4'–0" OC AT EXTERIOR SIDEWALLS ONLY 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	MODULE JOINT
24	NOT USED
25	3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
26	STEEL ANGLE WELD TAB
27	8"x3 1/2"x14 GA OVERHANG BEAM – 3/S2.02

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APP: 03-126208 INC:
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DATE: 09/15/2026

FILE PATH: 2440–S3.02.DWG

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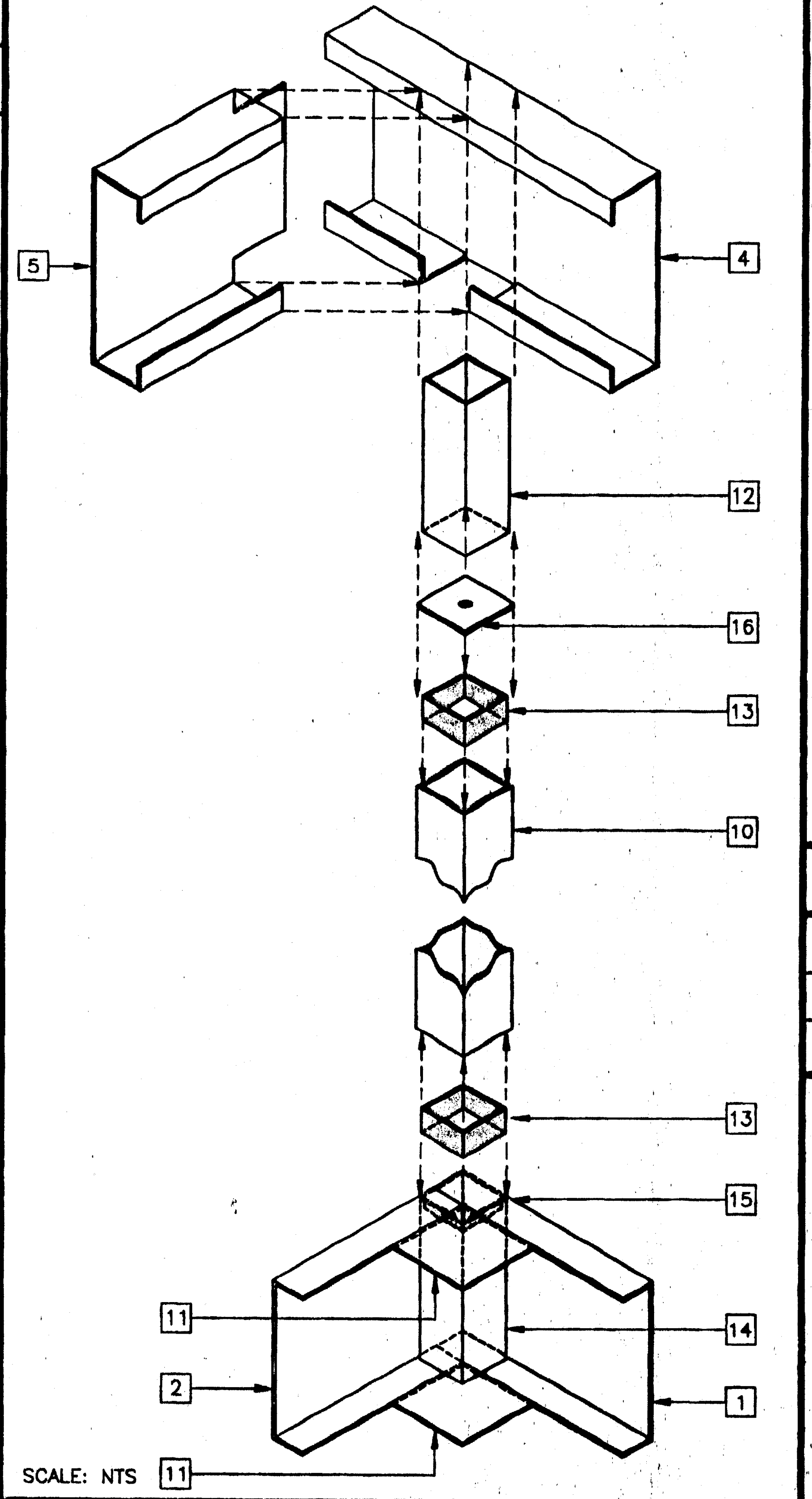
~~OFFICE OF REGULATION SERVICES~~
~~04 104812~~
~~FLS SS~~
~~DATE DEC 05 2002~~



SCALE: NTS

COLUMN AT FLOOR AND ROOF 1

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
~~70 MPH~~	~~3 1/2"x3 1/2"x1/4"~~
80 MPH	3 1/2"x3 1/2"x5/16"

REVISIONS

1	KK	ADDED ATTIC RELIEF VENT	11/19/02
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

2000

Architects Seal

George C. Edwards
No. C 2956
REN. 9-30-03

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
PC–04
101268
AC____ FLS____ SS Ga
DATE SEP 07 1999

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943–4014
FAX (909) 940–0427

PROJECT NUMBER: 4373-M, 4378-M, [redacted], 4438 © MODTECH, INC. 2002
4474

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
28-S3.02

STRUCTURAL FRAMING 26 GA MONO PITCH

PROJECT NO. 4373

PC–04–101268

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APP: 03-126208 INC:
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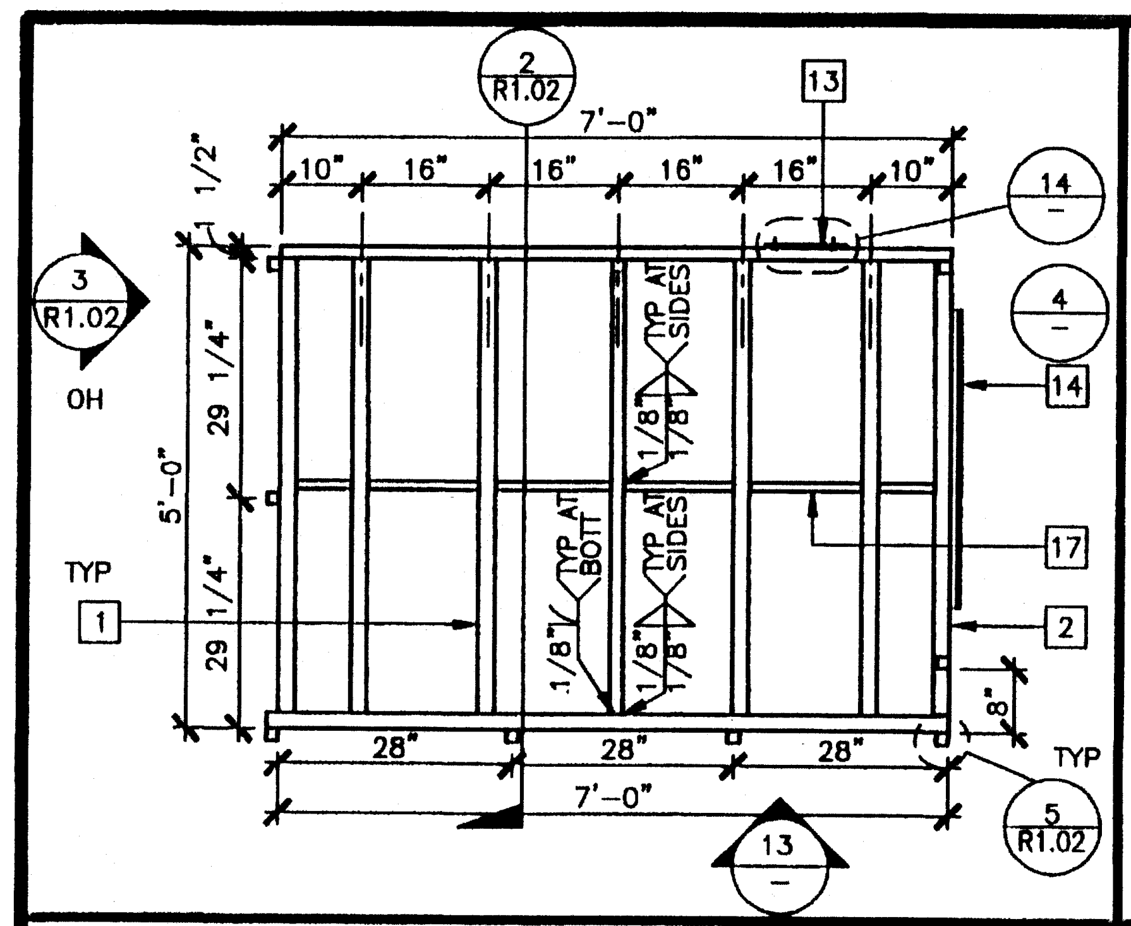
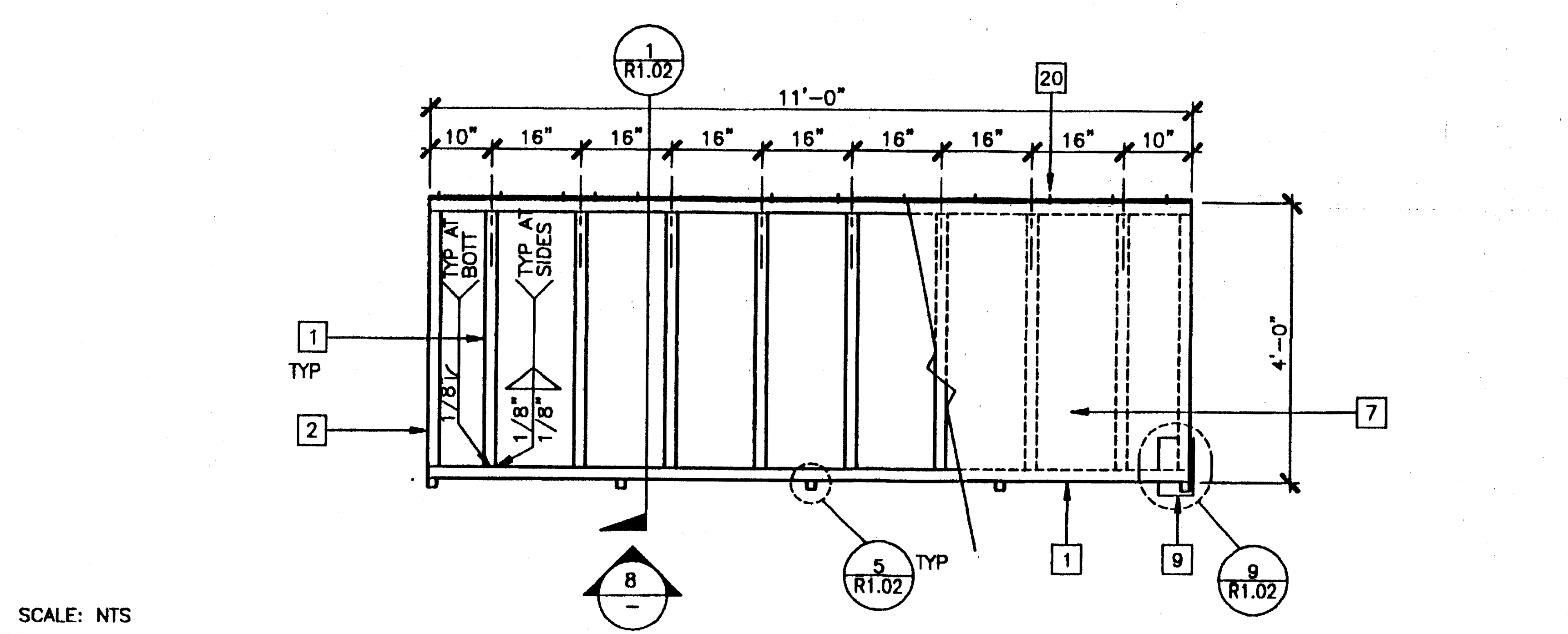
DATE: 09/15/2026

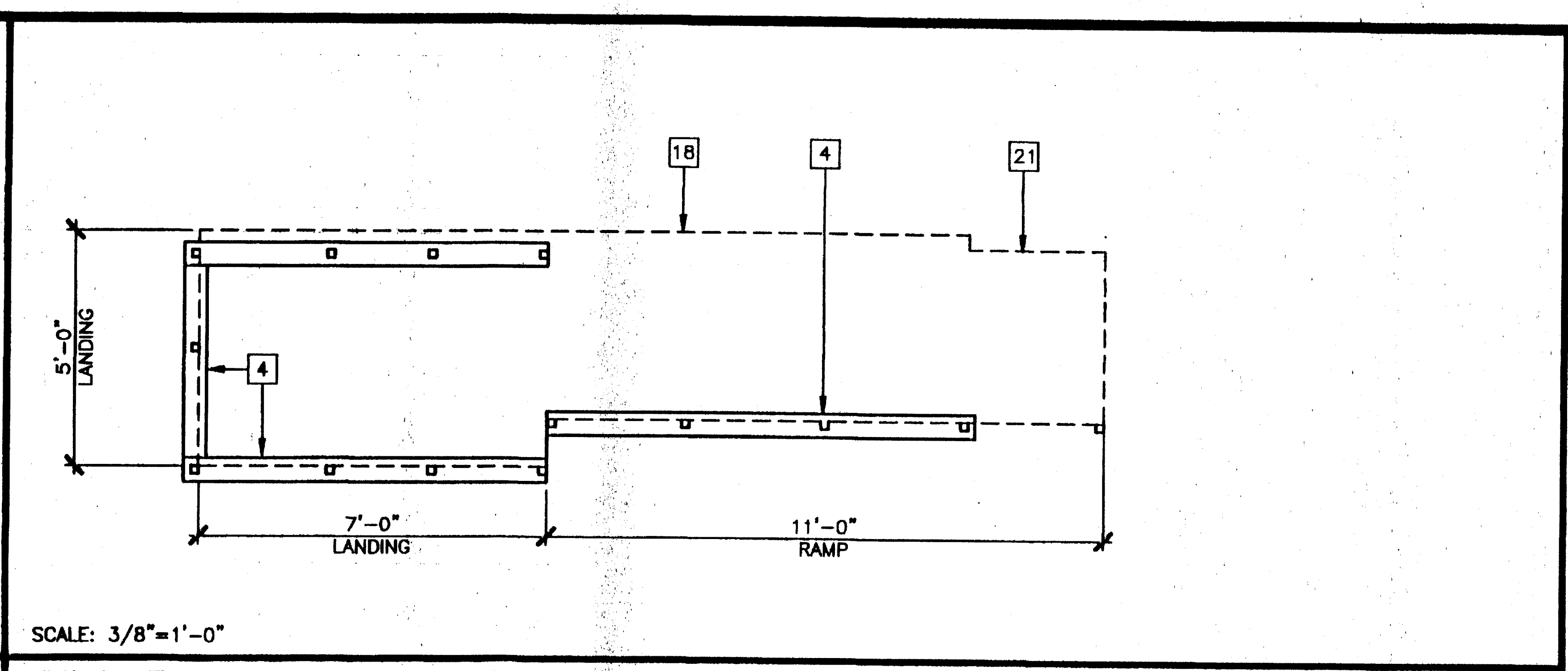


LANDING FRAME 12



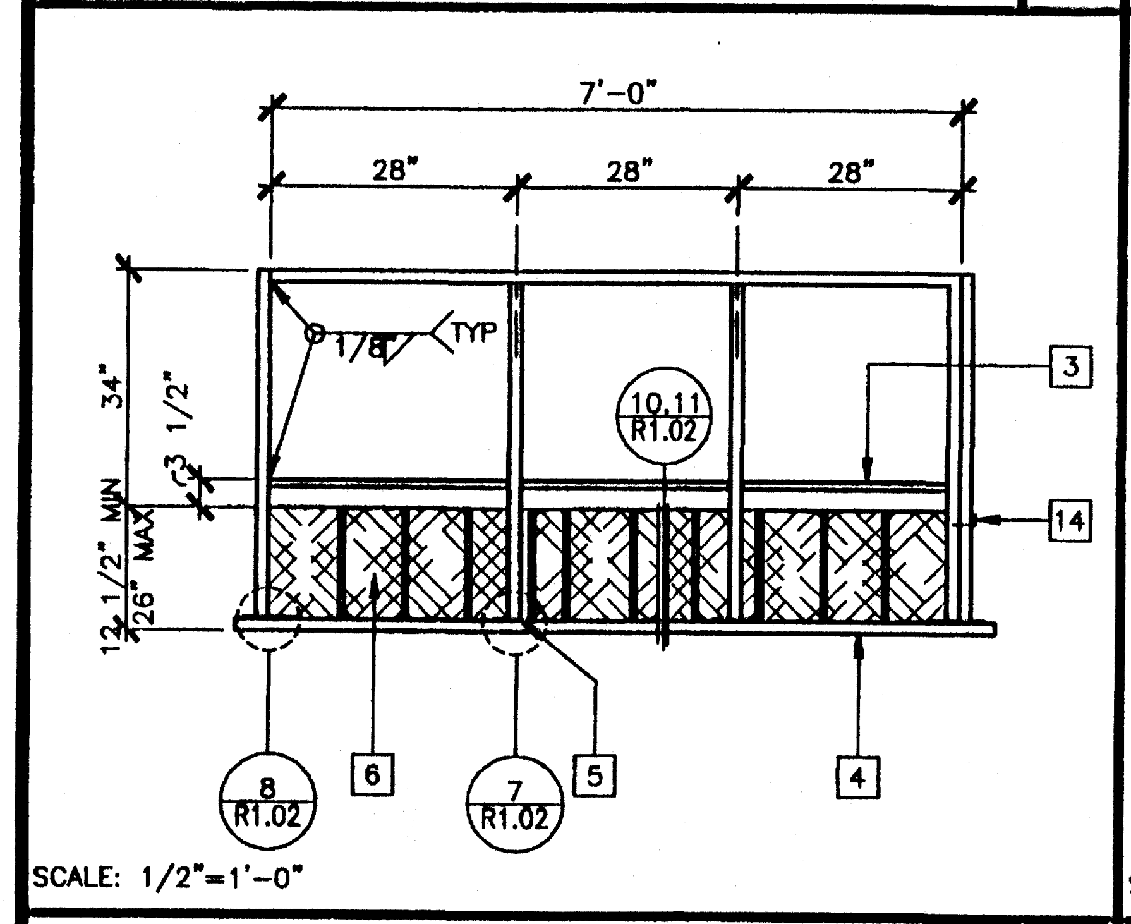
SCALE: NTS

RAMP FRAME 7



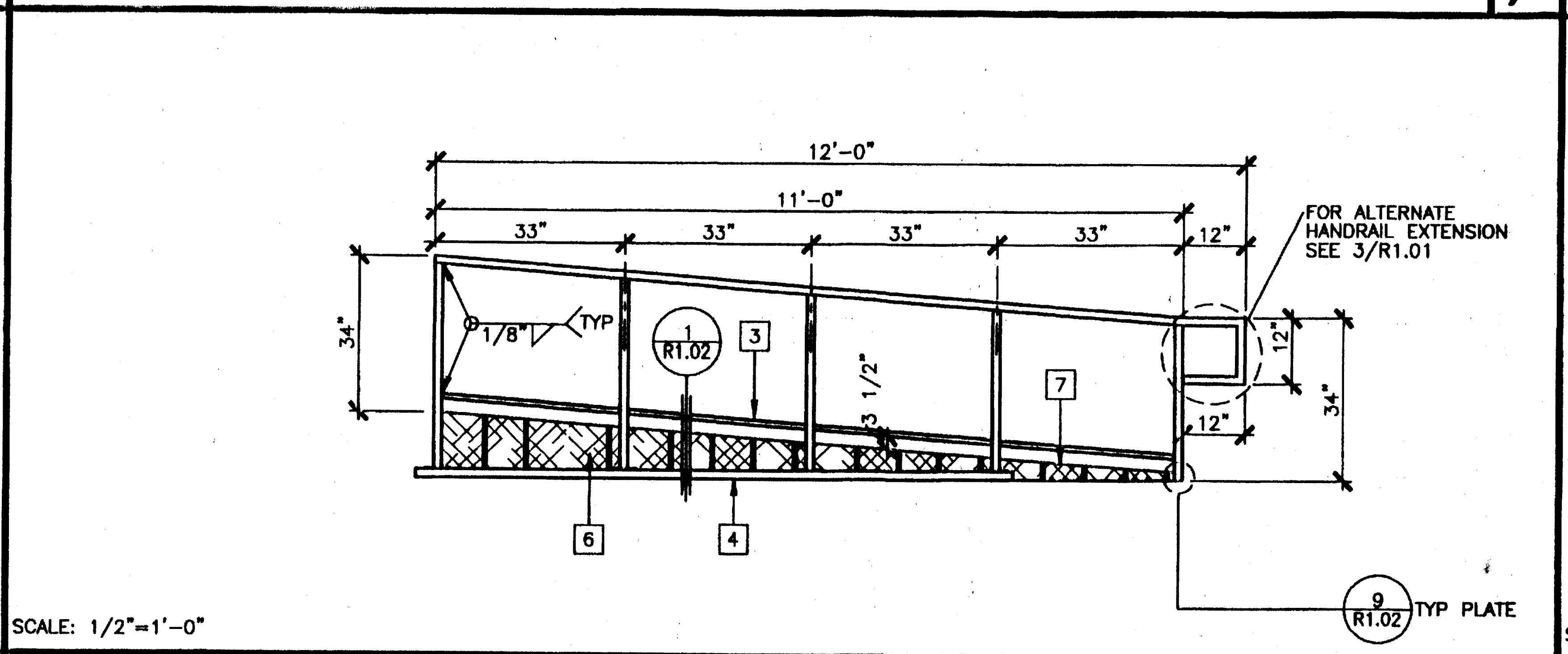
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING 1



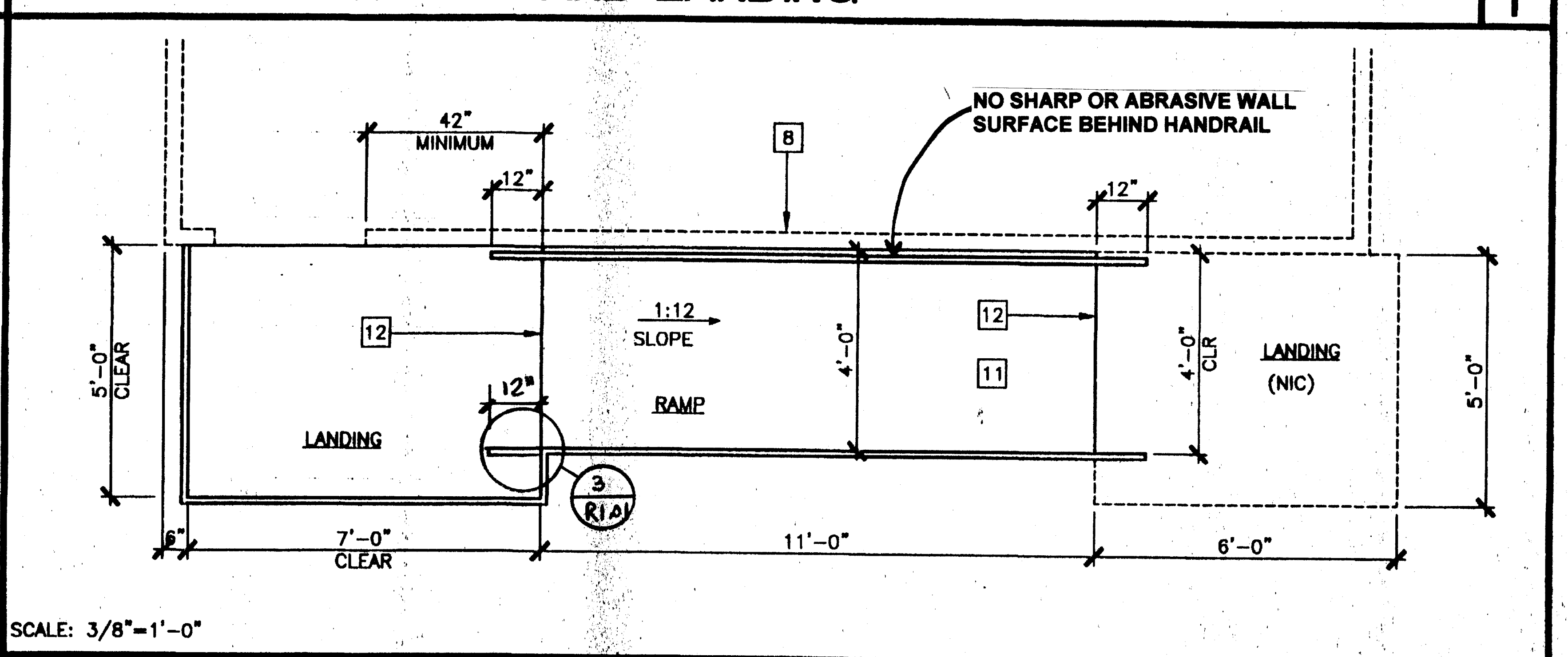
SCALE: 1/2"=1'-0"

LANDING ELEVATION 13



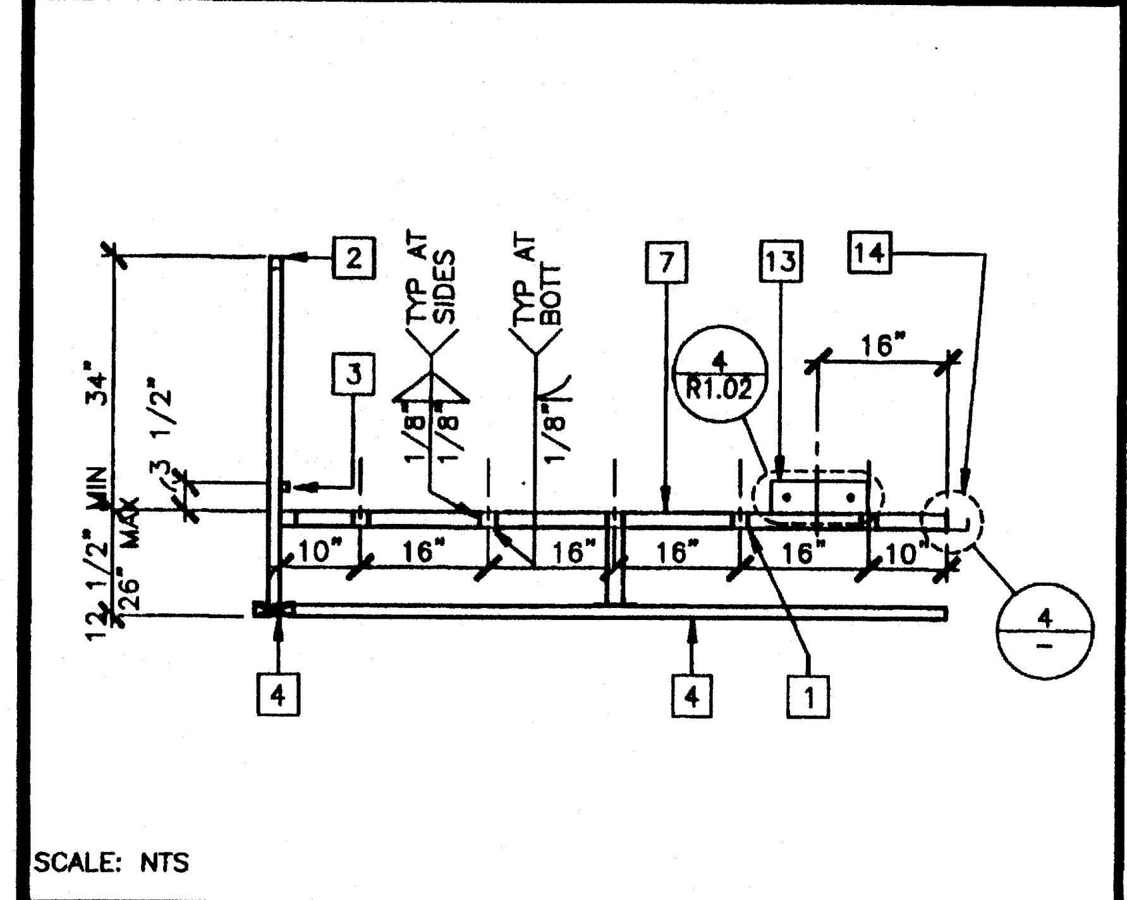
SCALE: 1/2"=1'-0"

RAMP ELEVATION 8



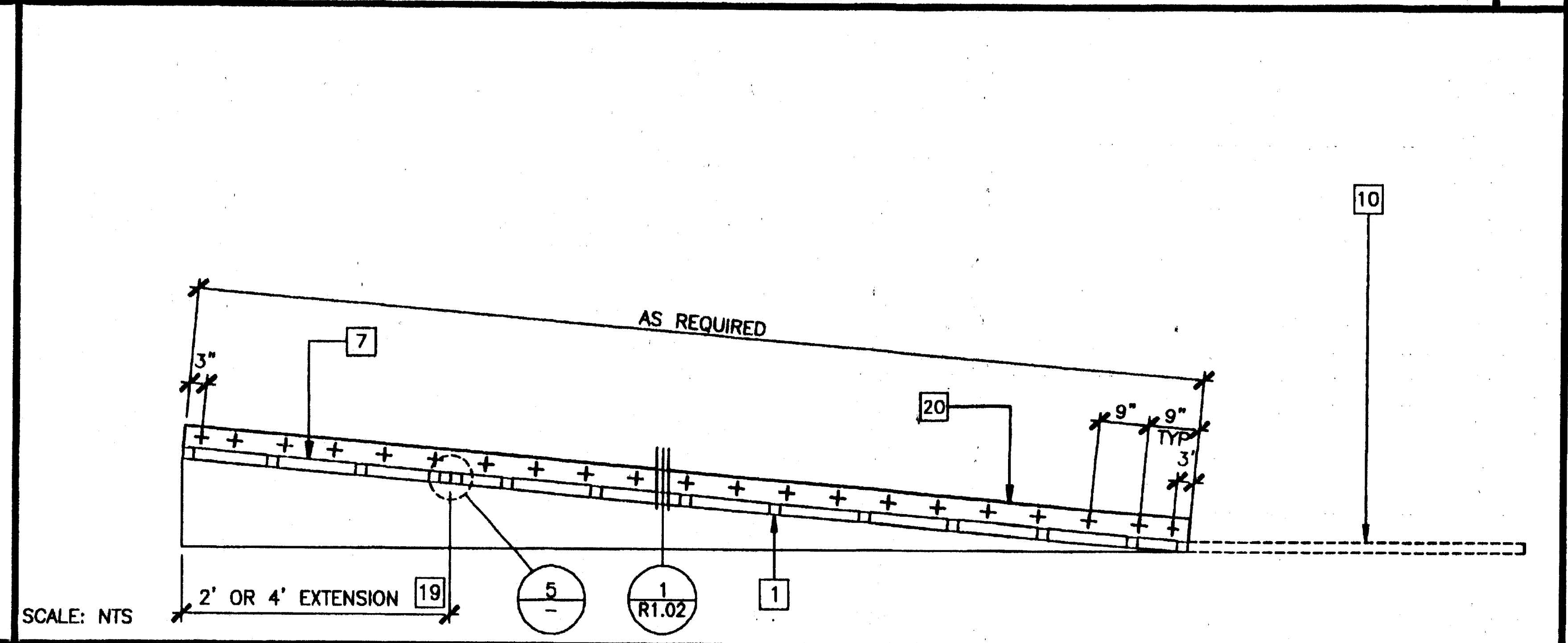
SCALE: 3/8"=1'-0"

RAMP AND LANDING AT BUILDING 2



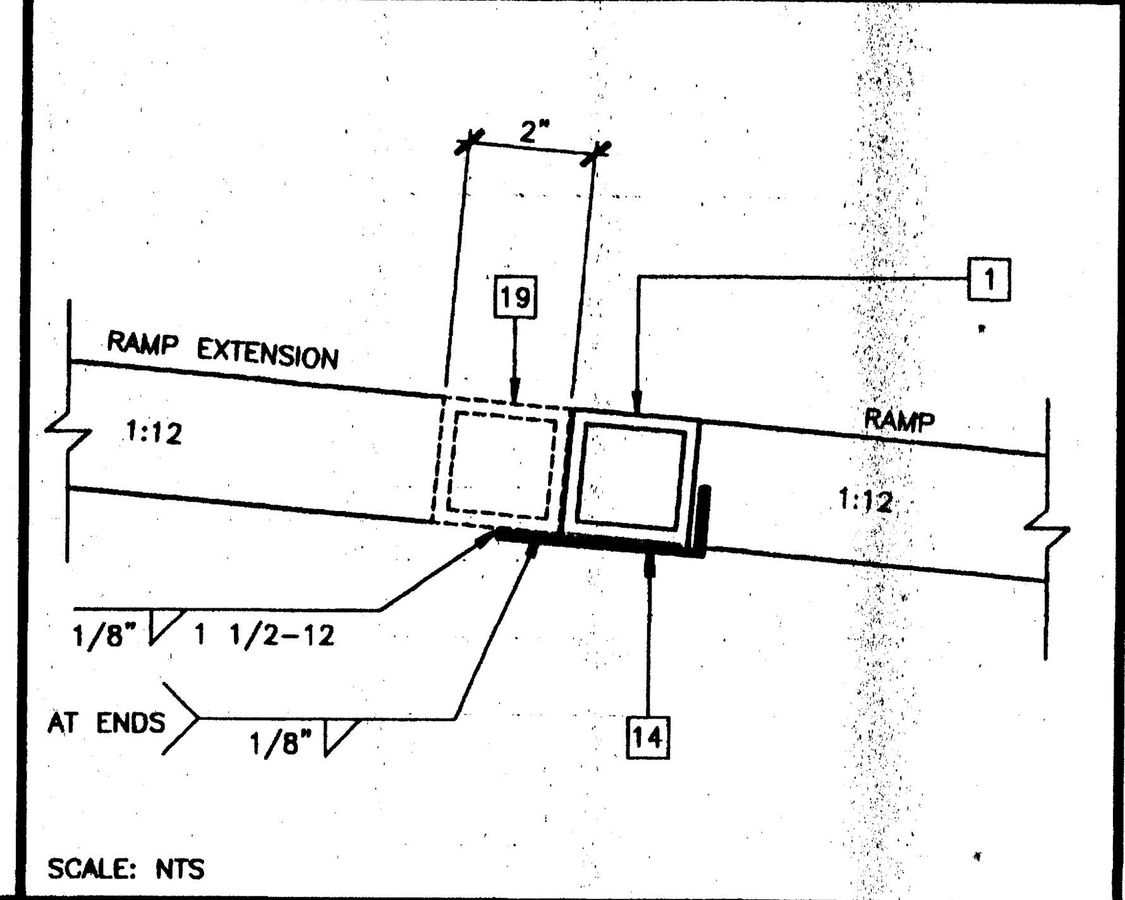
SCALE: NTS

SECTION AT LANDING 14



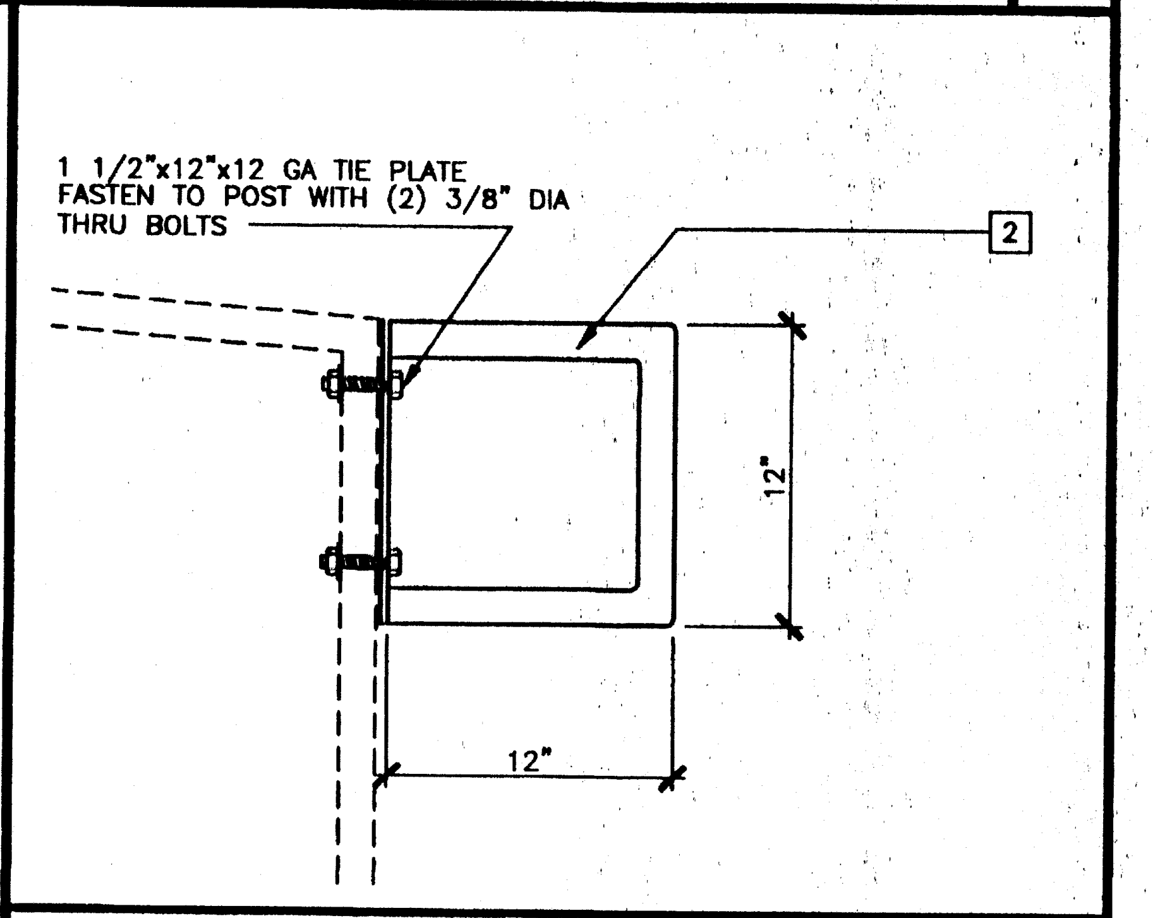
SCALE: NTS

LONGITUDINAL SECTION AT RAMP 9



SCALE: NTS

RAMP EXTENSION TO RAMP 5



1 1/2"x12"x12 GA TIE PLATE FASTEN TO POST WITH (2) 3/8" DIA THRU BOLTS
2
12"
12"

ALTERNATE GUARD RAIL EXTENSION 3

KEY NOTES

1 TS 2"x2"x14 GA

2 TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). 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

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.

FILE PATH: 2440-R1.01.DWG

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OFFICE OF REGULATION SERVICES
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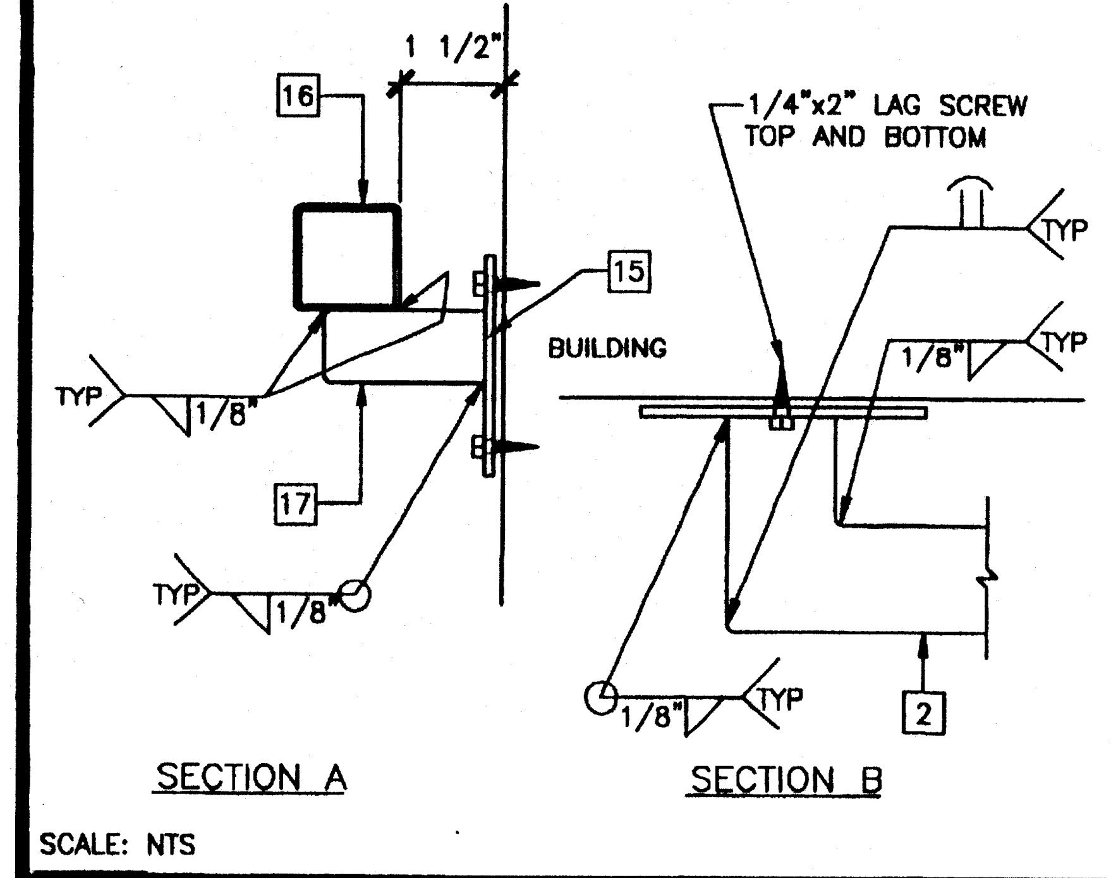
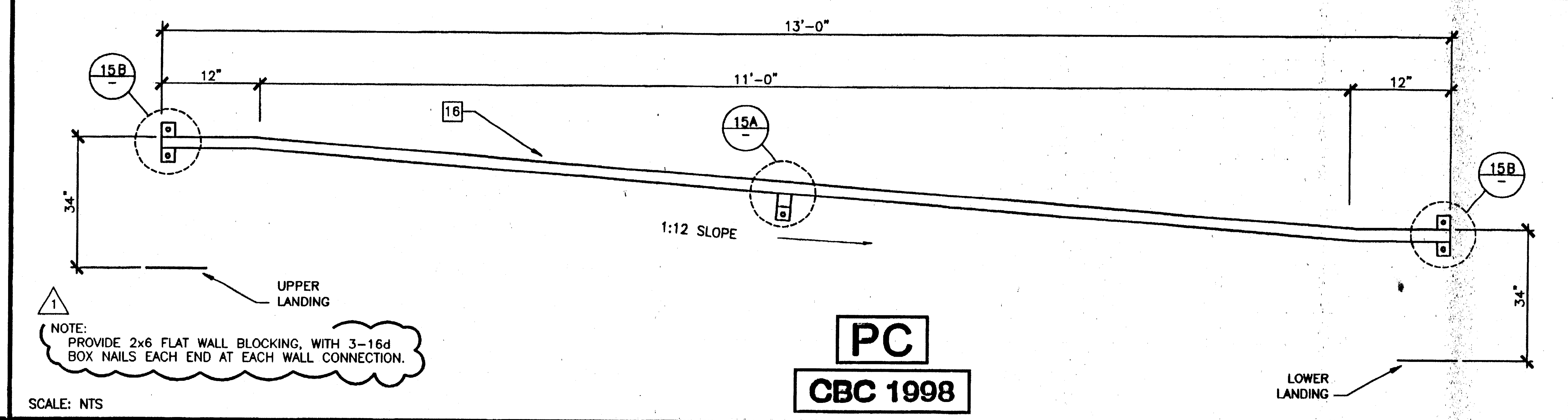
FLS SS
DEC 05 2002



SCALE: NTS

HANDRAIL CONNECTION 15



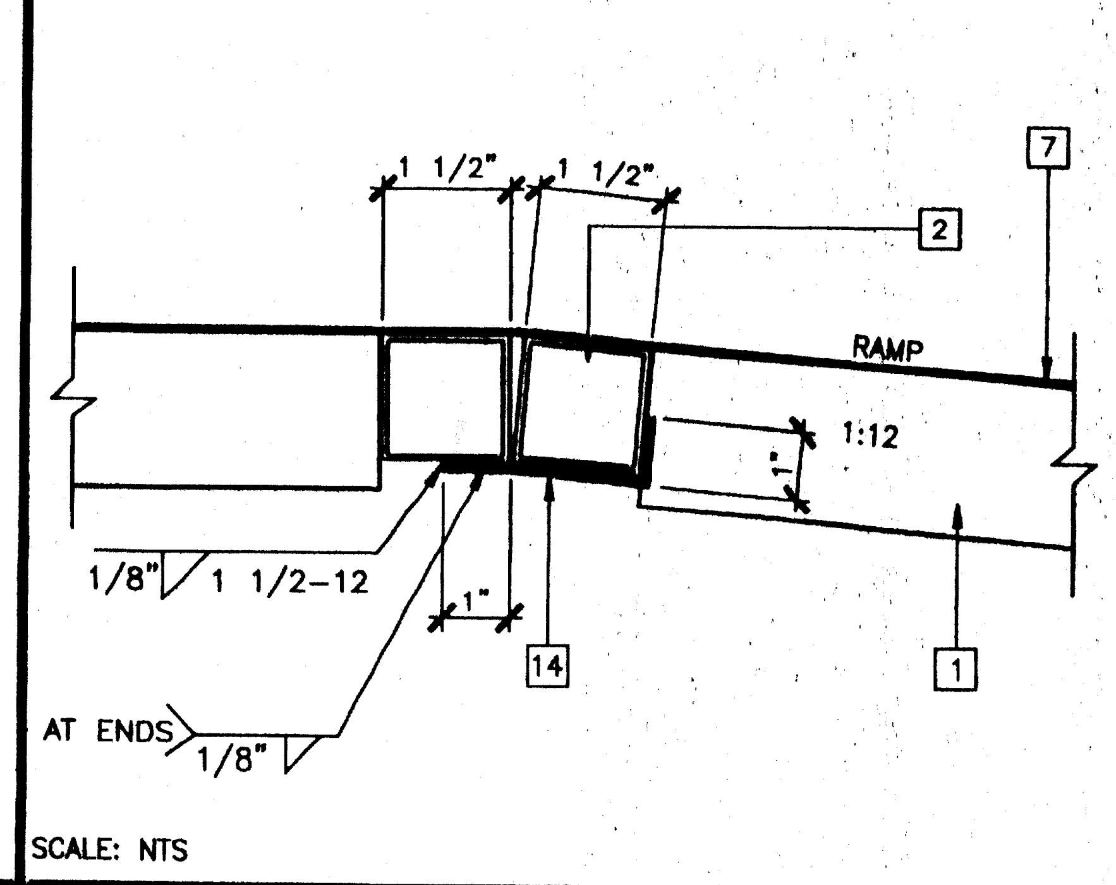
NOTE:
PROVIDE 2x6 FLAT WALL BLOCKING, WITH 3-16d BOX NAILS EACH END AT EACH WALL CONNECTION.

PC

CBC 1998

SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6



SCALE: NTS

RAMP AT LANDING 4

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 #8 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)

PC-04-101268 PROJECT NO. 4373

REVISIONS

1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

LICENSE EXP 2000

Architects Seal

No. C 2956
REN. 9-30-03

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC DF FLS SS
DATE SEP 07 1000
REVISED OCT 0

MODTECH INC.
2830 BARRETT AVENUE
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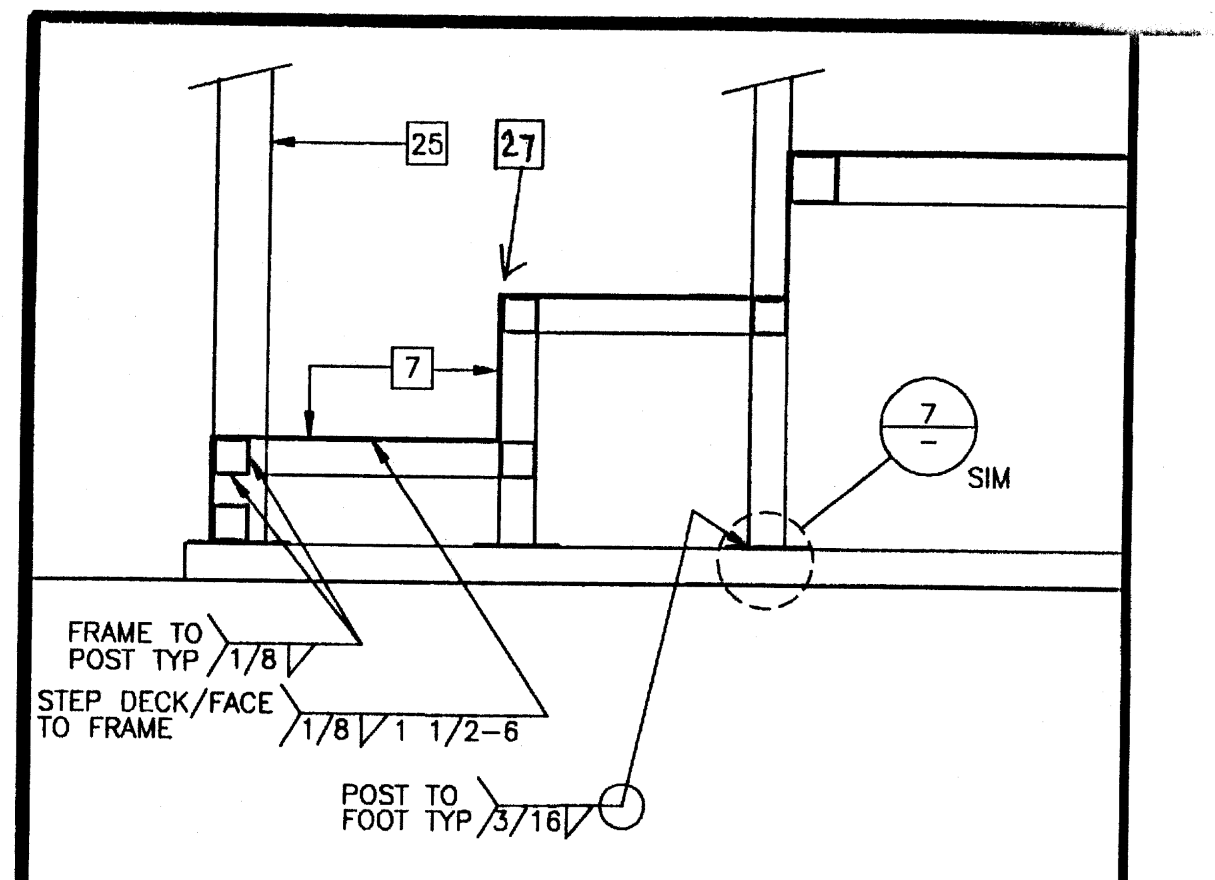
PROJECT NUMBER: 4373, 4378, [illegible], 4438 © MODTECH, INC. 2002
4474, 4505, 4525

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

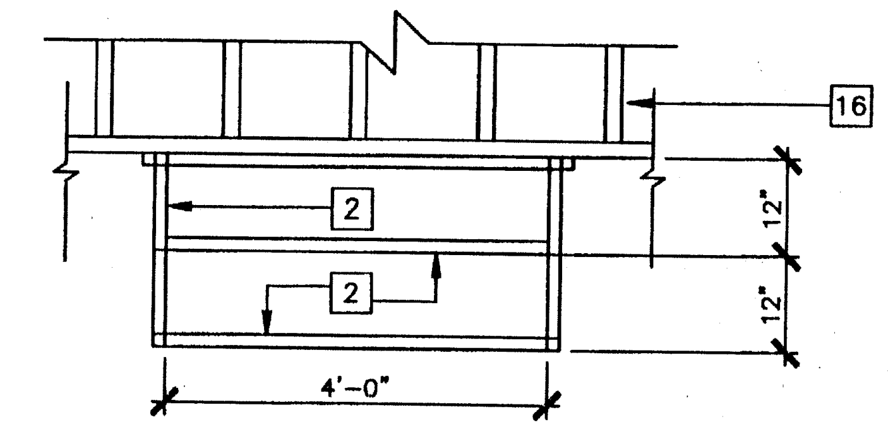
MODTECH Index No.
28-R1.01

RAMP/LANDING



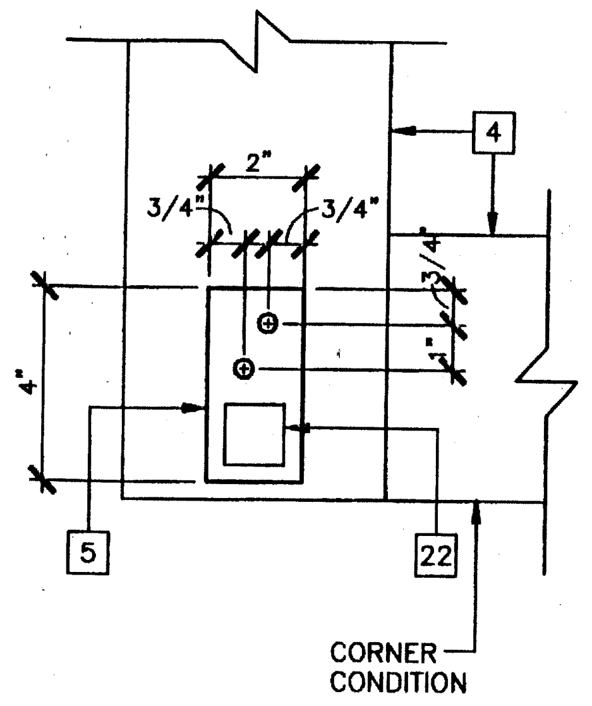
SCALE: 1 1/2"=1'-0" (OPTIONAL)

STAIR SECTION 16



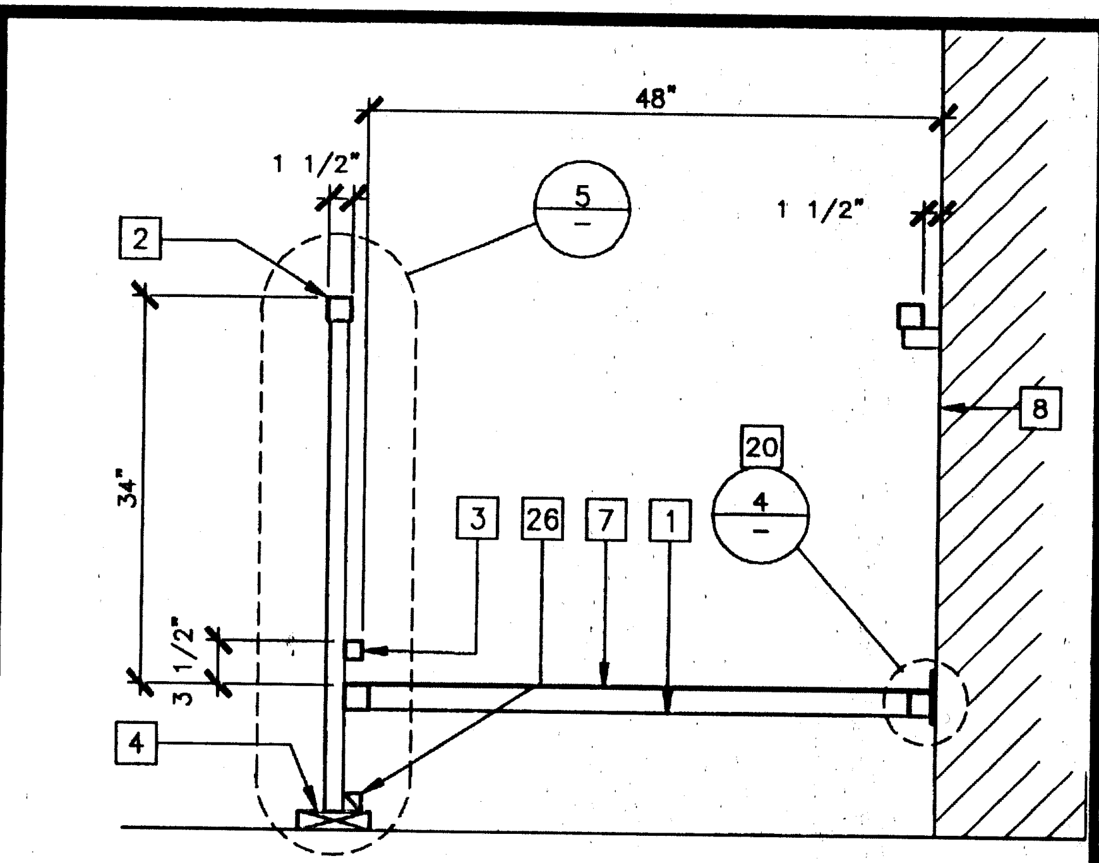
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR FRAMING PLAN 12



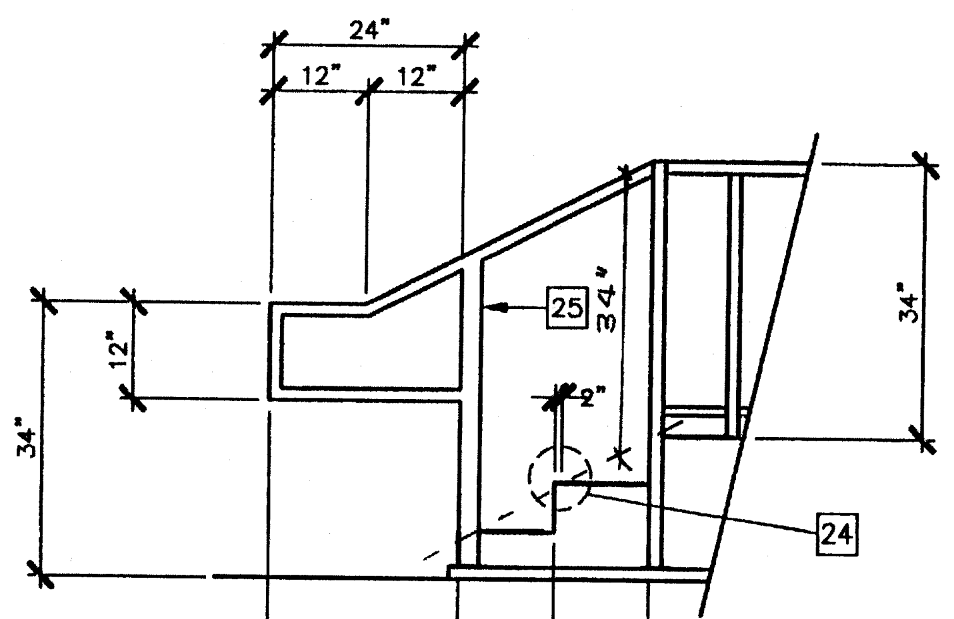
SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 8



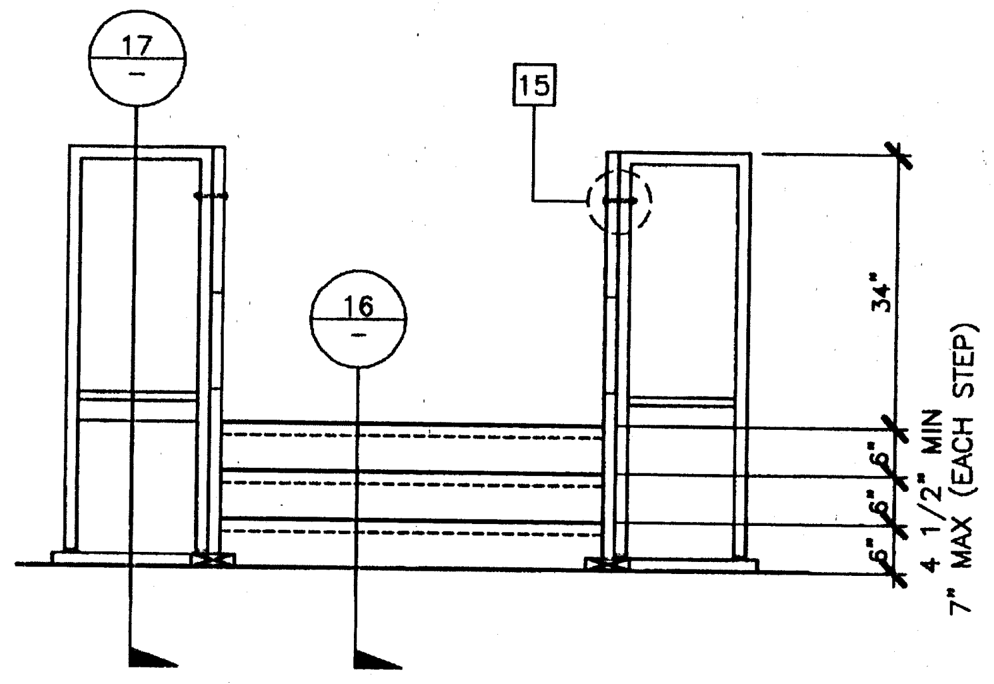
SCALE: 3/4"=1'-0"

SECTION AT RAMP 1



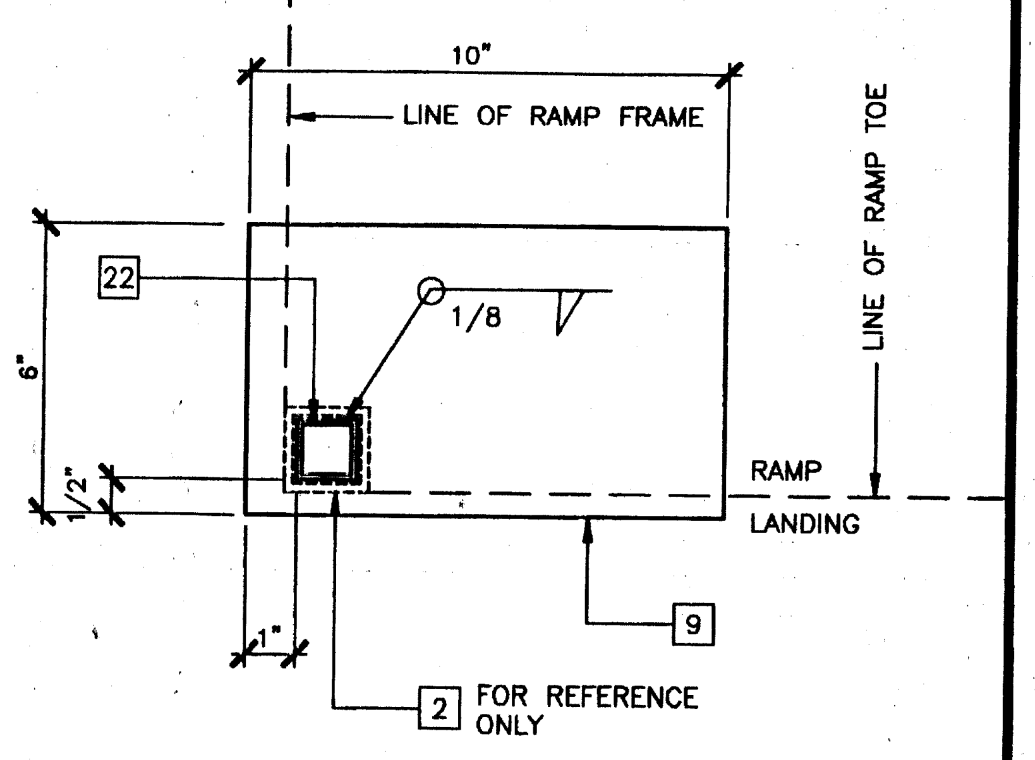
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR ELEVATION 17



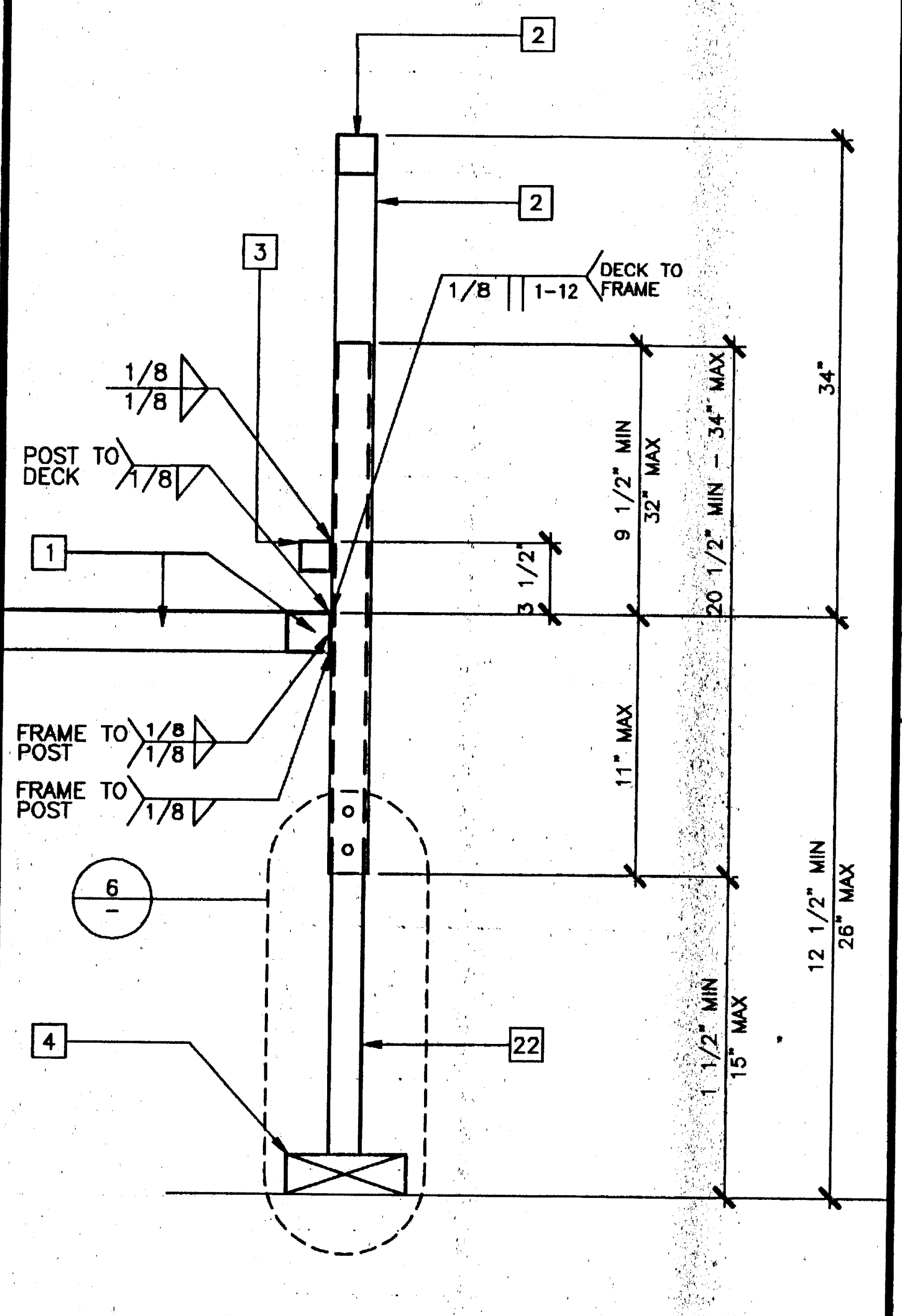
SCALE: 1/2"=1'-0" (OPTIONAL)

STAIR ELEVATION 13



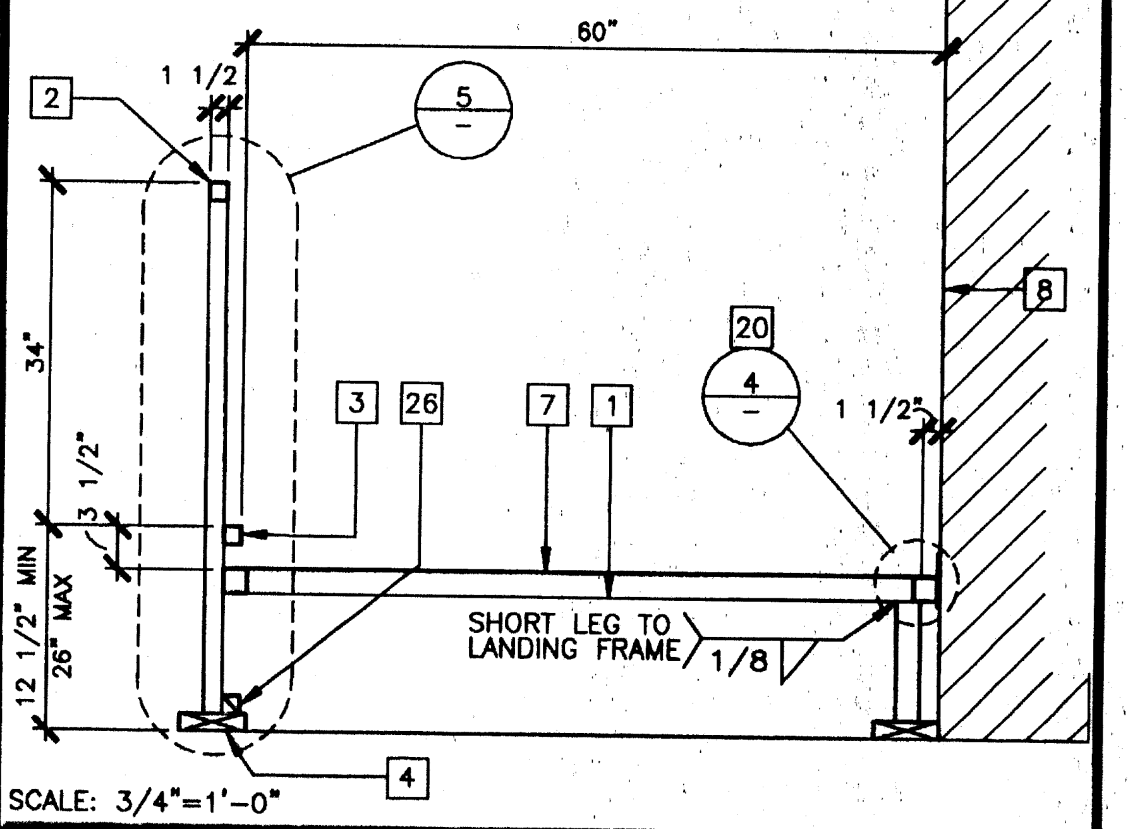
SCALE: 3"=1'-0"

BASE PLATE AT RAMP TOE 9



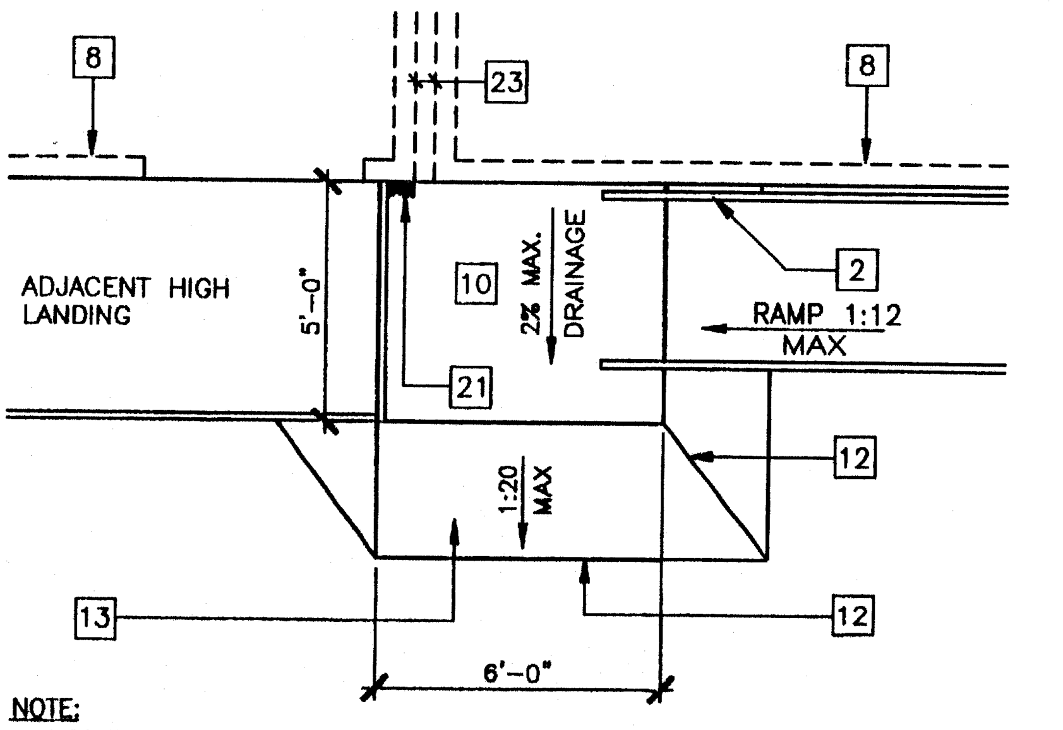
SCALE: 3"=1'-0"

ADJUSTABLE LEG 5



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

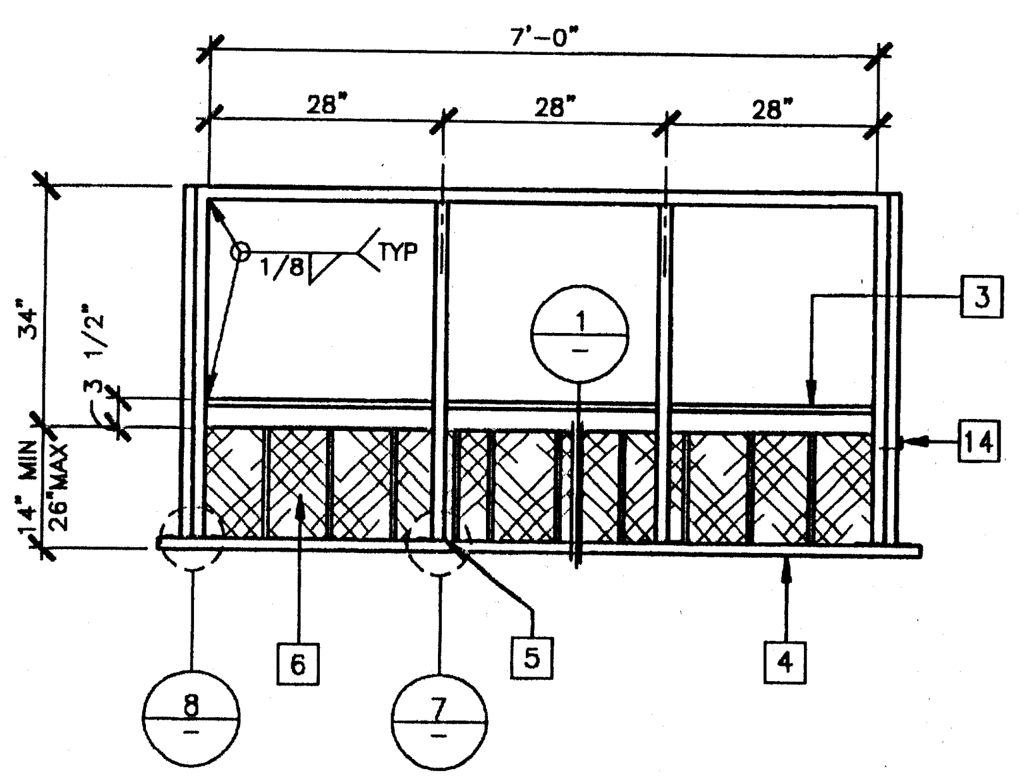
SECTION AT LANDING 2



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 DISTRICT

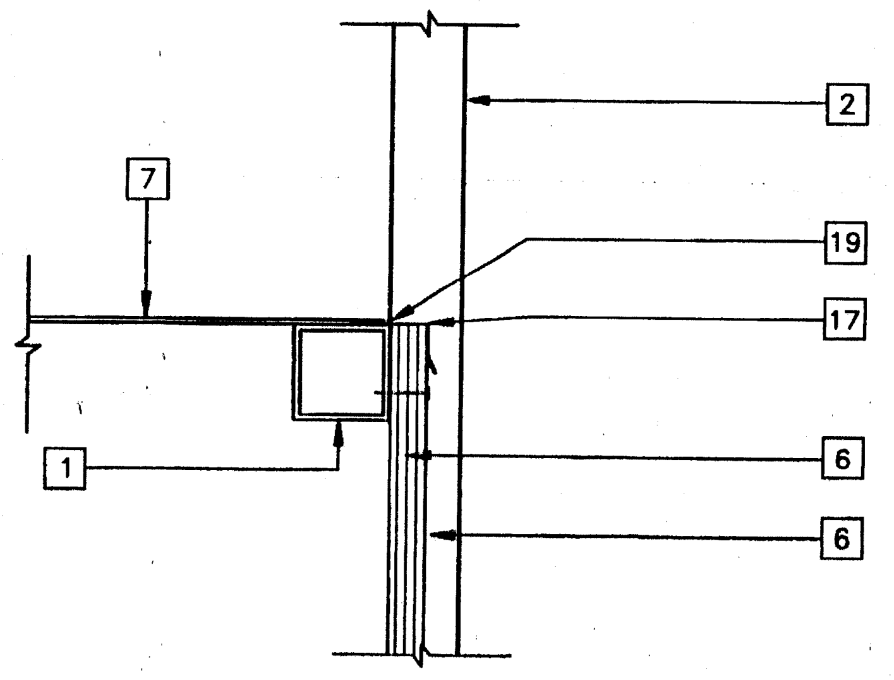
SCALE: NTS (BY DISTRICT)

RAMP TRANSITION 18



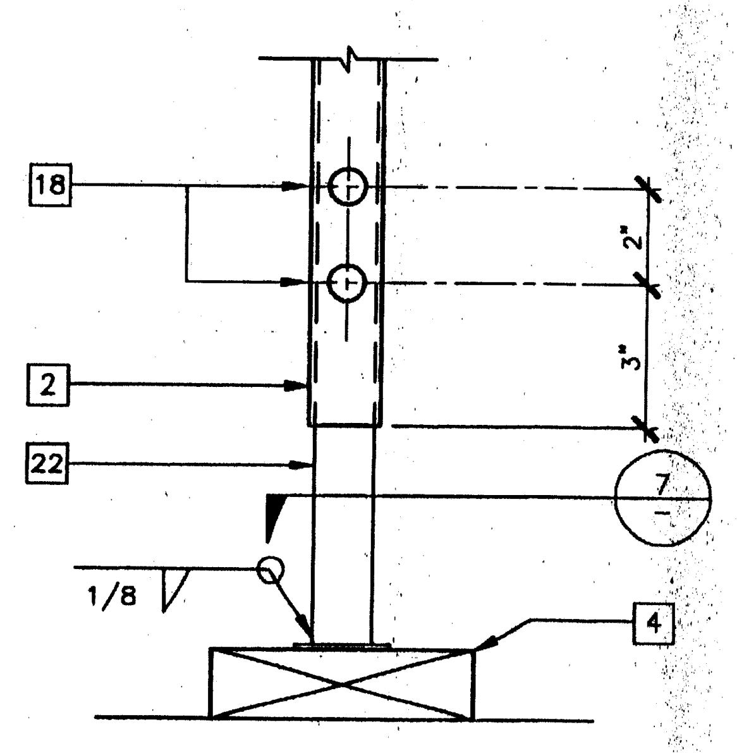
SCALE: NTS

LANDING ELEVATION 14



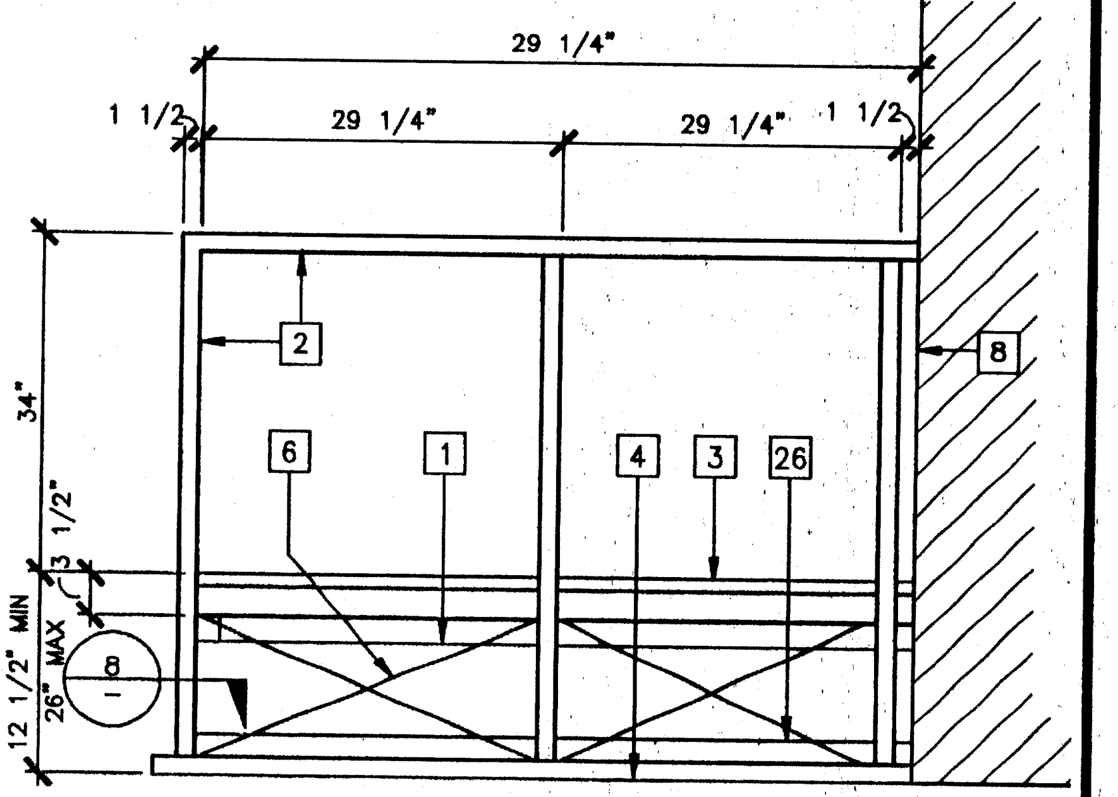
SCALE: 3"=1'-0"

SKIRT FLASHING 10



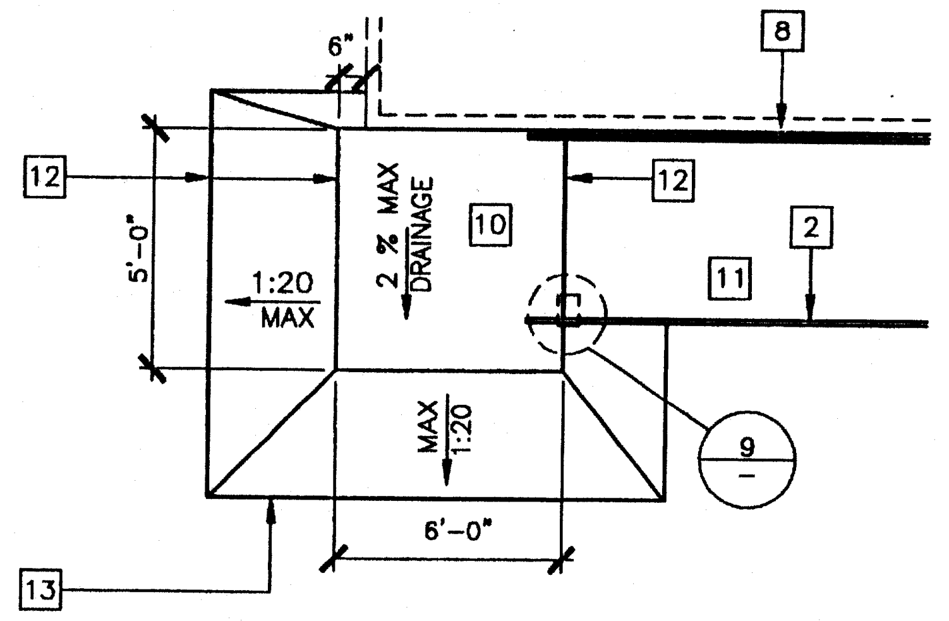
SCALE: 3"=1'-0"

ADJUSTABLE LEG 6



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

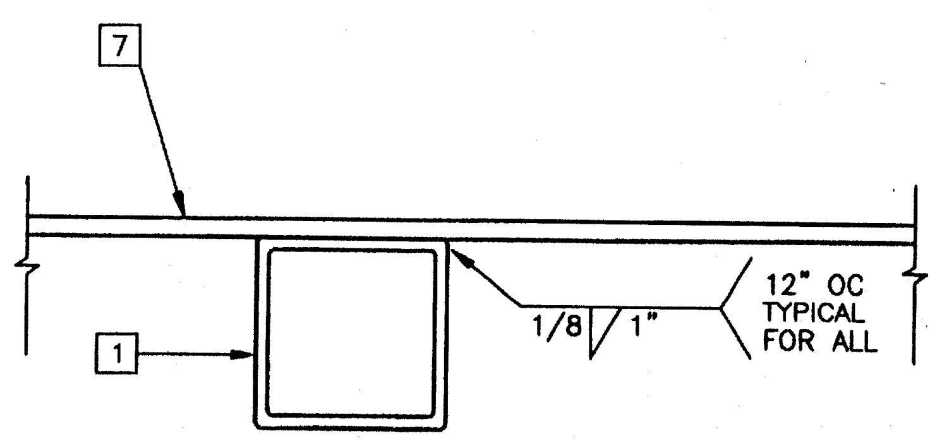
END ELEVATION 3



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 DISTRICT

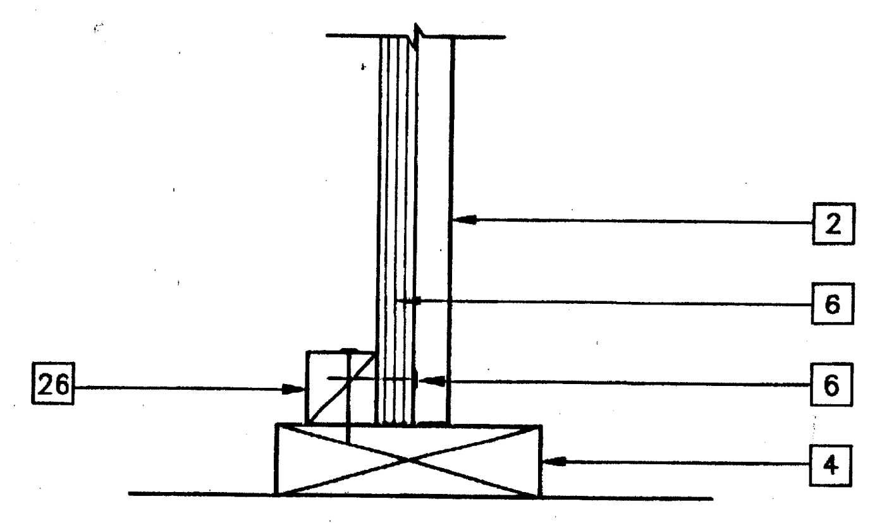
SCALE: NTS (BY DISTRICT)

RAMP TRANSITION 19



SCALE: NTS

SECTION AT INTERIOR FRAME 15

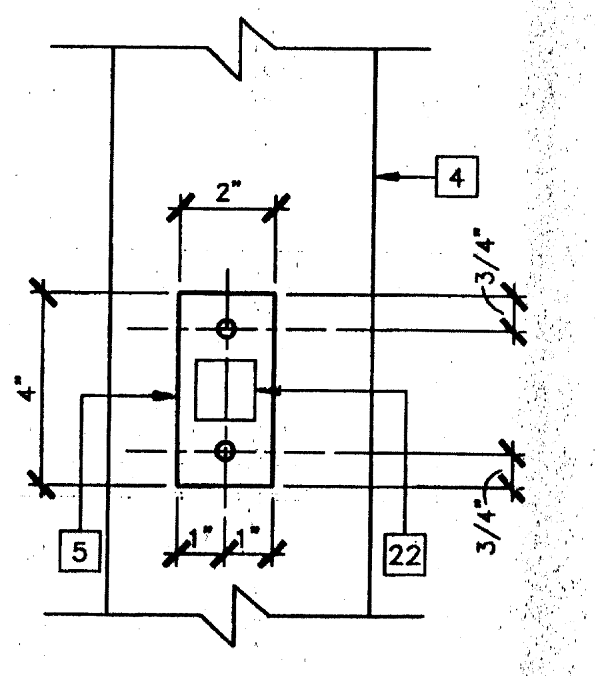


PC

CBC 1998

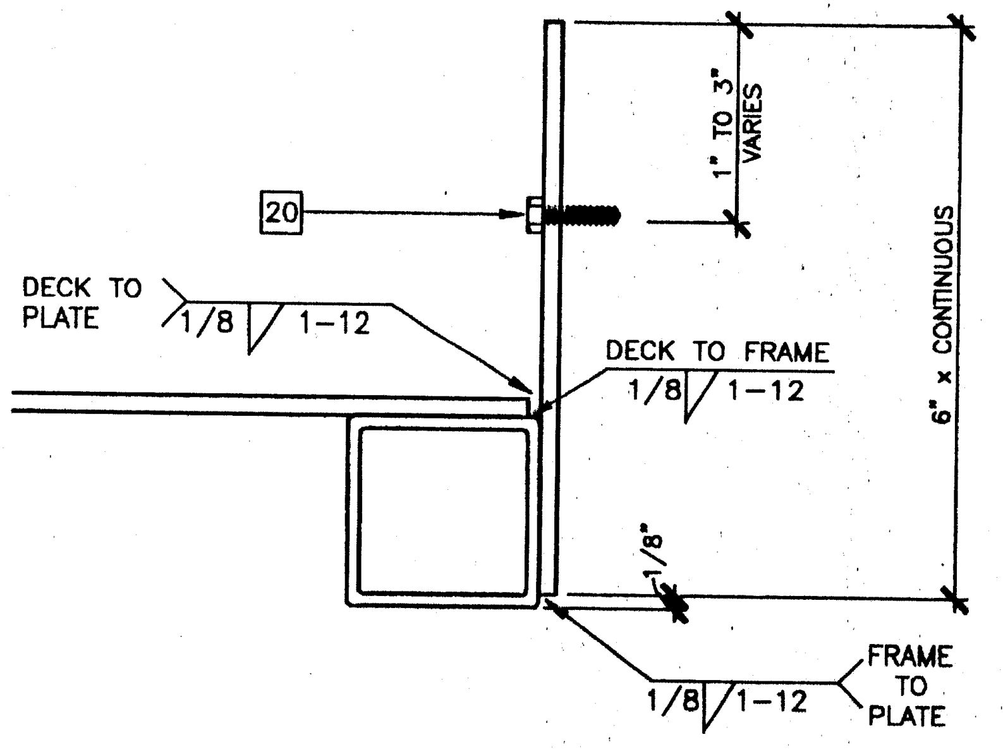
SCALE: 3"=1'-0"

SKIRT AT SILL PLATE 11



SCALE: 3"=1'-0"

ADJUSTABLE LEG BASE PLATE 7



SCALE: NTS

SECTION AT PLATE 4

KEY NOTES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

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"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 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.
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. 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	PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.

FILE PATH: 2440-R1.02.DWG

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04 101268
FLS SS
DEC 05 2002

REVISIONS

1	
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3	
4	
5	

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

JAMES T. SIMPSON
LICENSE EXPIRES 6-30 2000

Architects Seal

GEORGE C. EDWARDS
No. C 2956
REN. 9-30-03

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC FLS SS
DATE SEP 07 2000

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4373, 4378, [redacted], 4438 © MODTECH, INC. 2002
4474, 4505, 4525

RAMP/LANDING DETAILS

DRAWN BY: KK
DATE: 11/19/02
CHECKED BY: STKP-67
DATE: 4012-124

MODTECH Index No.
28-R1.02

PROJECT NO. 4373

PC-04-101268

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APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

BUILDING 29

RELOCATABLE BUILDING(S)

FOR

CLASS LEASING INC

STOCKPILE # 37

		SERIAL #	
JOB # 2765	(1)	34042-43	
# 2852	(28)	35581-35636	
# 2854	(10)	35686-35693,	35674-35685
# 2900	(2)	36143-36146	
# 2818	(30)	35228-35283,	35897-35900
#	(1)	36878-79	
	72		

PC-266

72 ~~50~~ - 24' x 40'

REVISED

BUILDING DATA

BUILDING SIZE	24' X 40'	~~36' X 40'~~	~~48' X 40'~~
OCCUPANCY	E - 2	~~E - 1~~	~~E - 2~~
TYPE OF CONSTRUCTION	V - N	~~V - N~~	~~V - N~~
WIND LOAD	70 MPH. EXP. "C"	~~70 MPH. EXP. "C"~~	~~70 MPH. EXP. "C"~~
FLOOR LIVE LOAD	50 + 20 PSF	~~50 + 20 PSF~~	~~50 + 20 PSF~~
ROOF LIVE LOAD	20 PSF	~~20 PSF~~	~~20 PSF~~
BUILDING AREA	960 SF	~~1440 SF~~	~~1920 SF~~
STRUCTURAL DESIGN	RIGID FRAME	~~RIGID FRAME~~	~~RIGID FRAME~~

APPLICABLE CODES

TITLE 24. CCR. PART 2. 1995 CBC (94 UBC W/95 CA AMENDMENTS)
1994 UBC & 1995 CA AMENDMENTS (95 CBC - PART 2, TITLE 24, CCR)
1993 NEC & 1995 CA AMENDMENTS (95 CEC - PART 3, TITLE 24, CCR)
1994 UMC & 1995 CA AMENDMENTS (95 CMC - PART 4, TITLE 24, CCR)
1994 UPC & 1995 CA AMENDMENTS (95 CPC - PART 5 TITLE 24, CCR)
1994 UNIFORM FIRE CODE W/ STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)
TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS.

LEGEND

SYMBOL	DESCRIPTION
$\frac{1}{\ }$	DETAIL ON SAME SHEET AS SYMBOL
$\frac{1}{2}$	DETAIL NUMBER (1) ON SHEET NUMBER (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
$\frac{4}{5}$	KEY NOTE NUMBER (4) ON SHEET NUMBER (5)
$\frac{A}{1}$	WALL PANEL TYPE "A" ON SHEET (1)
$\frac{A}{2}$	SECTION "A" ON SHEET (2)
△1	REVISION / CHANGE IN DRAWING. NO. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
(1)	DOOR REFERENCE
( )	WINDOW REFERENCE
[ ]	ELECTRICAL ITEM(S) SEE ELECT. 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

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ACS: J. Schaible
FLS: EFRO R.
S.S: G. VonS.

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	SITE SET-UP	
29-A.0	COVER SHEET	
29-A1.0	FLOOR PLAN	24'X40'
29-AA2.0	ROOF PLAN (MONO PITCH)	24'X40'
29-AA3.0	EXTERIOR ELEVATIONS (MONO PITCH)	24'X40'

STRUCTURAL	
29-F0.2	FOUNDATION PLAN (24 x 40) 50 + 20 PSF
29-F3.0	FOUNDATION DETAILS (WOOD)
29-S4.0	STRUCTURAL DETAILS

MECHANICAL

ELECTRICAL

RAMP	
29-R1.0	RAMP / LANDING PLAN

REVISIONS

△1			
△2			
△3			
△4			
△5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal
LICENSE EXP. 6-30-2000

Architect's Seal
GEORGE C. EDWARDS
No. C 2956
REN. 9-30-99

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SS: G. Von

MODTECH INC.
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drawn by:
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MODTECH drawing No.
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COVER SHEET

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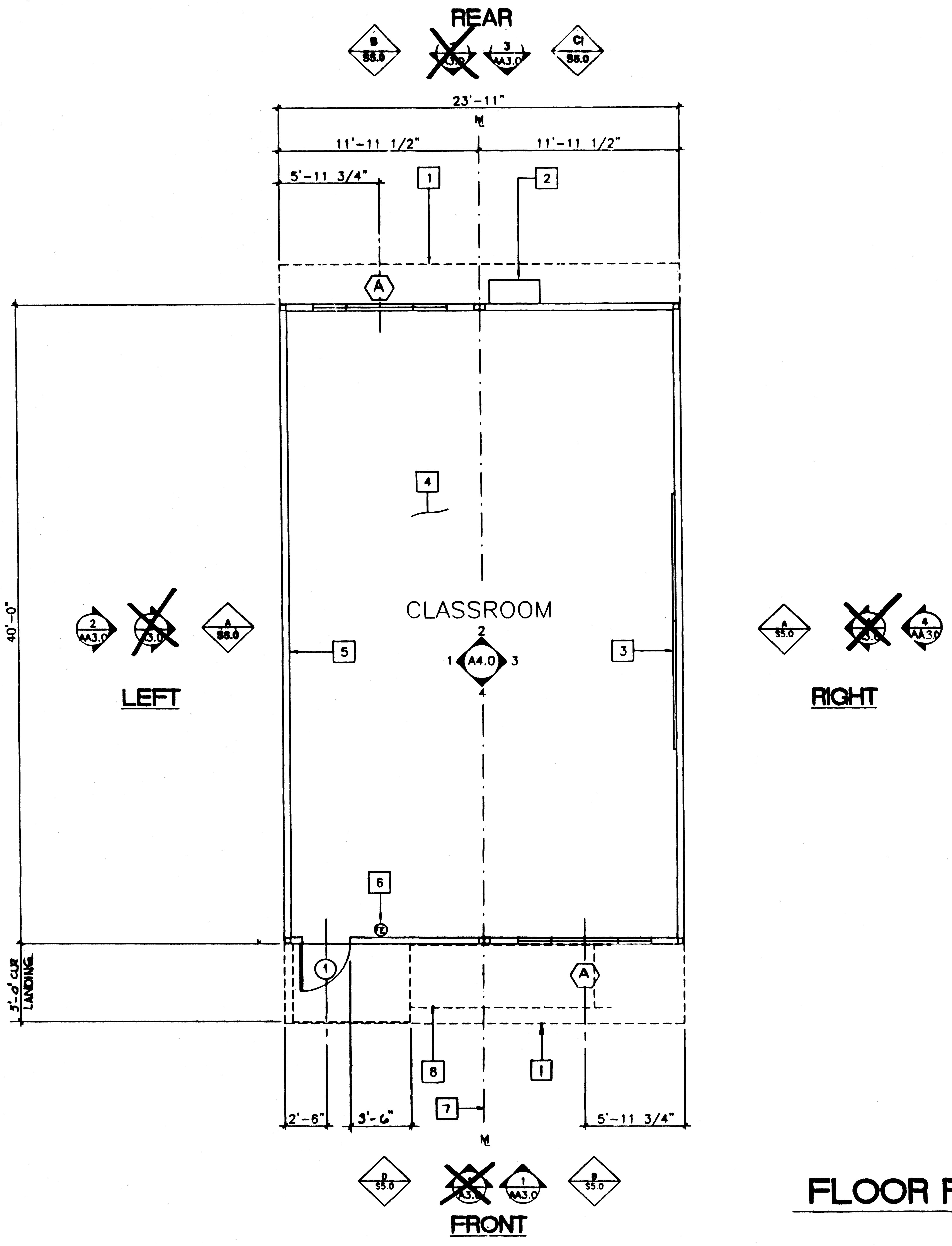

FLOOR PLAN (24' X 40')

SCALE 1/4"=1'-0"

KEY NOTES

1. ROOF OVERHANG
2. HVAC UNIT - SEE MECH SHEET
3. 2- 8'X4' MARKER BOARDS (SEE SPEC'S)
4. FINISH FLOORING: (SEE FINISH SCHED.) A5.0
5. TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) A5.0
6. FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD BRACKET. HANDLE AT 48" A.F.F.
7. MODLINE (℄ TYPICAL)
8. LINE OF RAMP/LANDING SEE R1.0 & R2.0

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER. MANUFACTURER'S NAME AND SERIAL NUMBER. ROOF & FLOOR DESIGN LIVE LOAD AND DESIGN WIND LOAD.
2. INSULATION MATERIALS INSTALLED 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: 1. FOAM PLASTIC INSULATION SHALL COMPLY WITH SEC. 2602 2. WHEN MATERIALS ARE INSTALLED IN 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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Mechanical Engineer's Seal

Structural Engineer's Seal

No. 3092

Architects Seal

GEORGE C. EDWARDS
No. C 2956
REN. 9-30-99

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FLOOR PLAN

drawn by
date
checked by
date
Modtech project no: 2765 2852 2854 2900 2818

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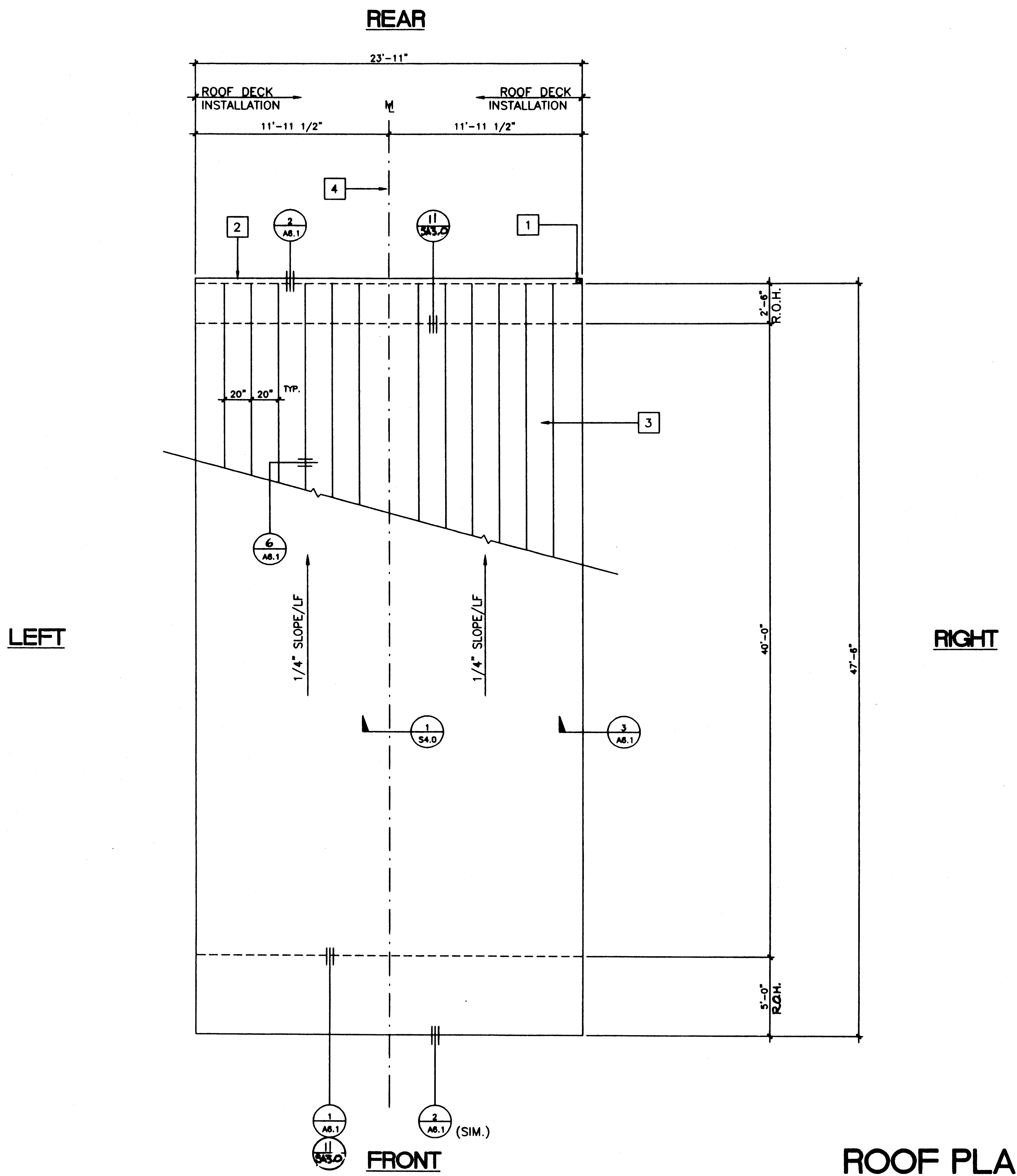

ROOF PLAN (MONO SLOPE)

(24' X 40')

SCALE 1/4"=1'-0"

KEY NOTES

1. DOWNSPOUT TYPICAL FOR (I) SEE 8/A6.1
2. CONTINUOUS GUTTER
3. 26GA. MIN. INTERLOCKING ROOF PANELS OVER 3/4" CDX PLYWOOD OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT RADCO LISTING #1109
4. MODLINE
5. NOT USED

NOTES

1. BUILDING HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN TABLE 15A. C.B.C. CLASS A

FILE # P266AA20.DWG

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

No. 1607

LICENSE EXP. 9-30-2000

Architects Seal

GEORGE C. EDWARDS
No. C 2956
REN. 9-30-99

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ROOF PLAN

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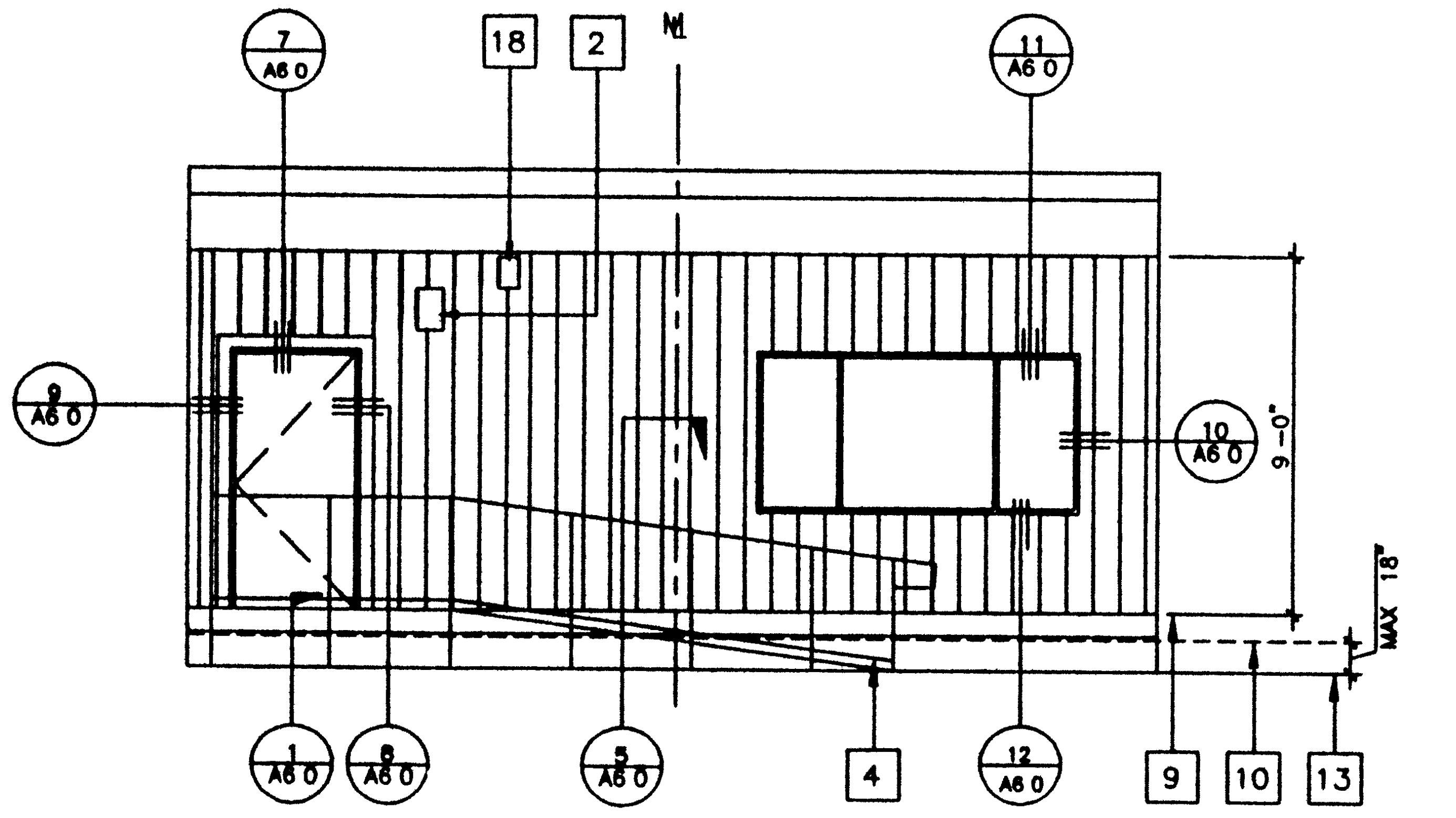
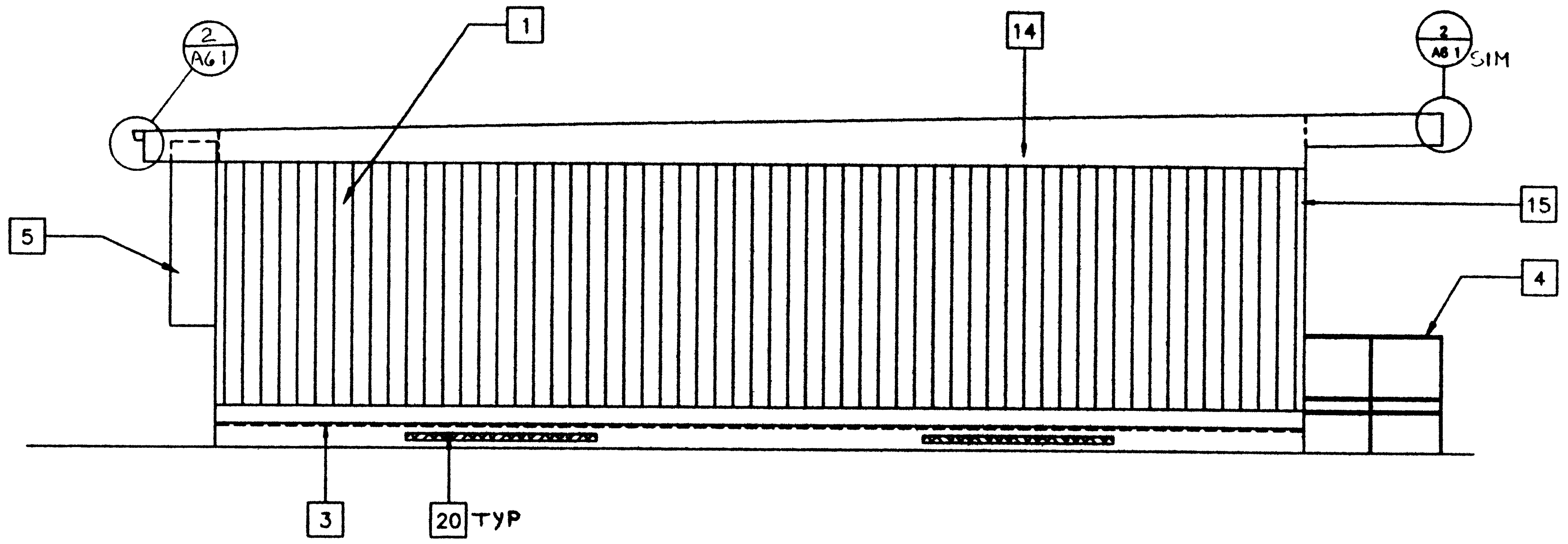


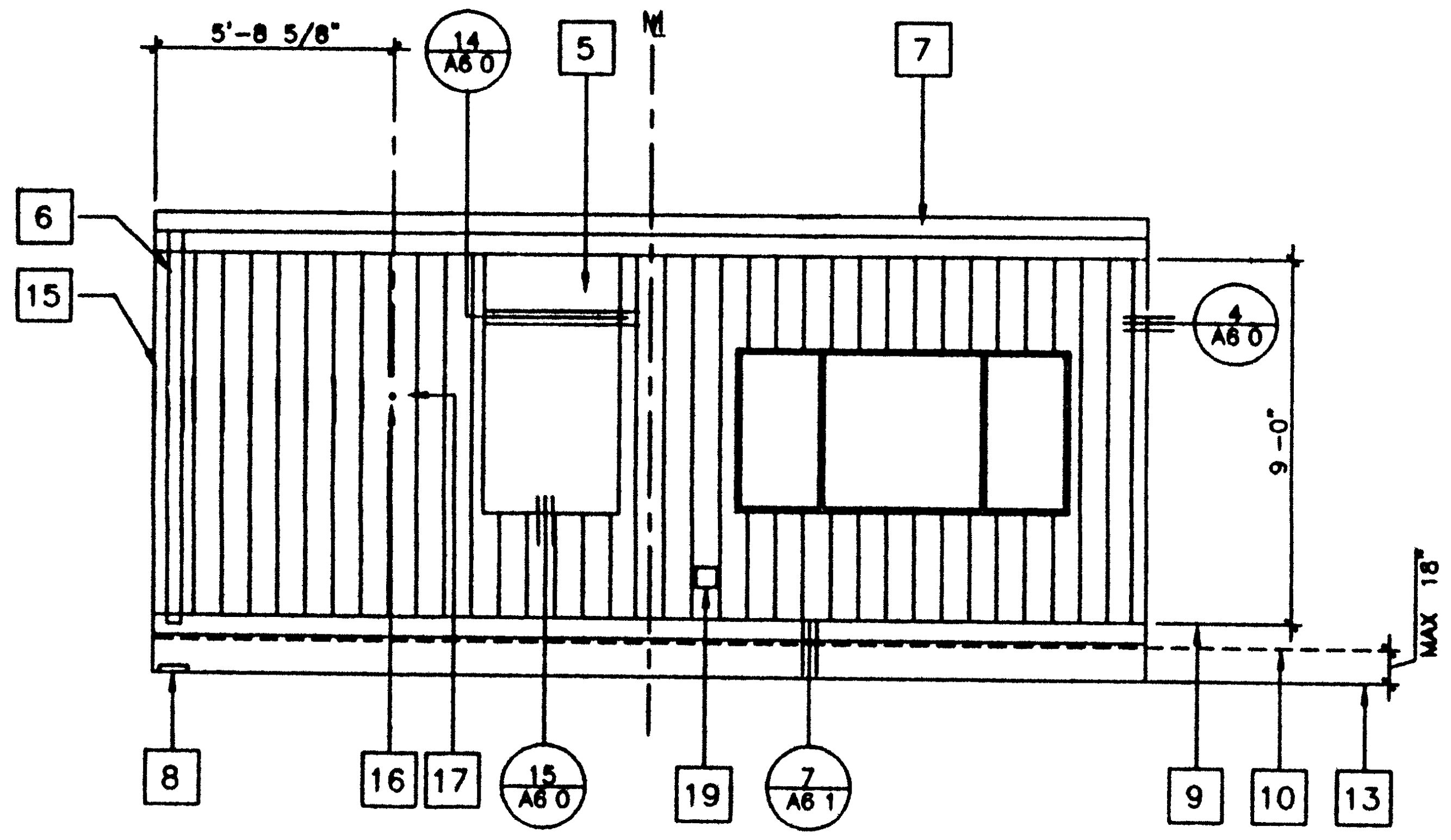
① FRONT ELEVATION

SCALE 1/4"=1 -0



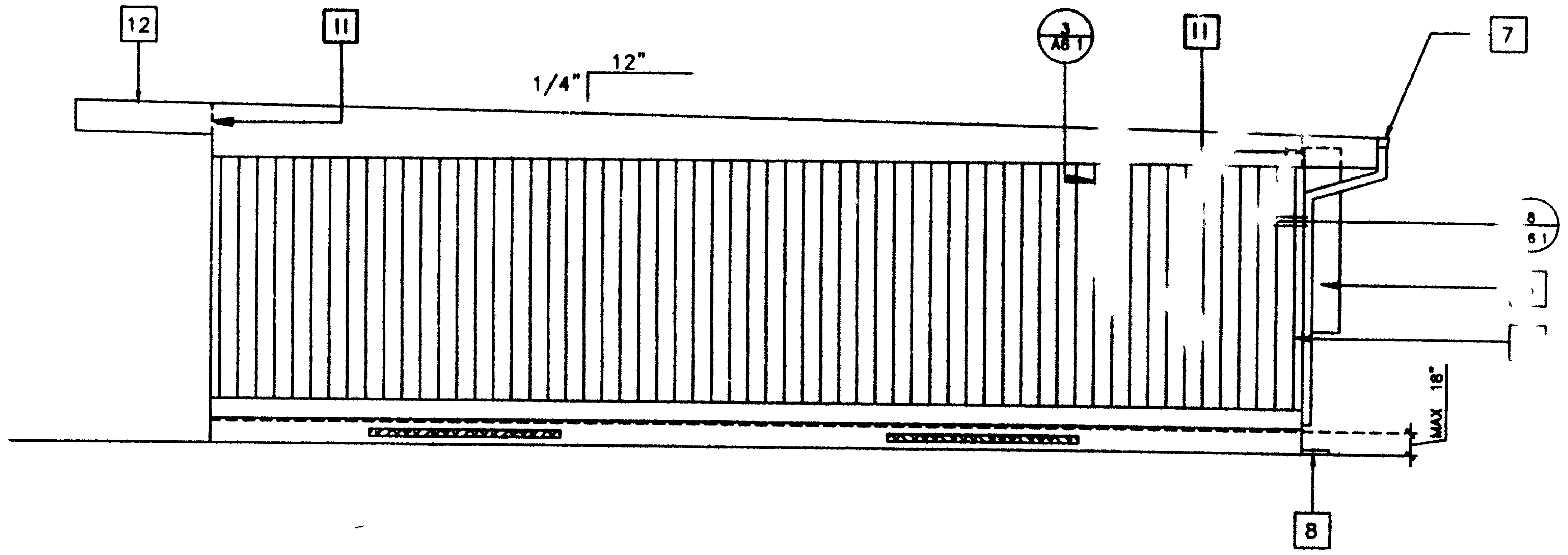
② LEFT SIDE ELEVATION

SCALE 1/4"=1 -0"



③ REAR ELEVATION

SCALE 1/4"=1'-0"



④ RIGHT SIDE ELEVATION

SCALE 1/4"=1'-0"

KEY NOTES

1	TYPICAL EXTERIOR SIDING (SEE SPEC'S)
2	EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
3	TOP OF SKIRTING
4	RAMP AND LANDING SEE SHT R-1
5	HVAC UNIT (HV)
6	DOWNSPOUT (TYP) FOR (1) FASTEN TO BLDG TYP 3 PLACES (SEE 8/A6 1)
7	CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN)
8	SPLASH BLOCK (BY OTHERS)
9	FINISH FLOOR LINE
10	BOTTOM FLANGE OF FLOOR BEAM
11	ROOF HEADER
12	ROOF OVERHANG
13	FINISH GRADE
14	ROOF BEAM (STR)
15	COLUMN (STR)
16	ELECTRICAL STUB-OUT (EL)
17	GROUND STUB-OUT (EL)
18	J BOX FOR FA HORN (EL)
19	NEMA GUTTER BOX (EL)
20	FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZE & LOCATION

FILE # P266AA30

NOTES

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24' X 40' (MONO SLOPE)

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects Seal

GEORGE C. EDWARDS
C 2956
REN 9 30 99

Division of the State Architect

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date
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EXTERIOR ELEVATIONS

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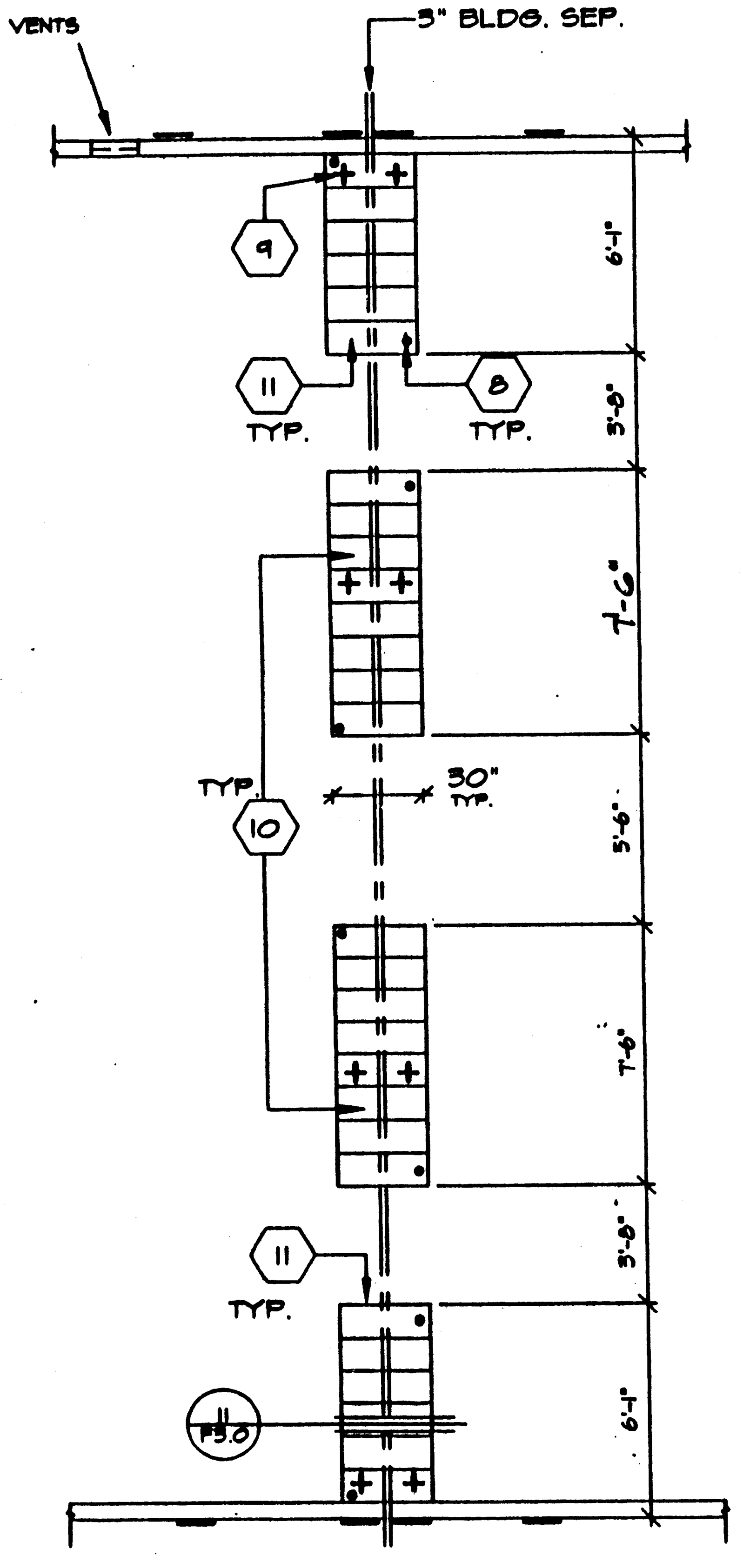
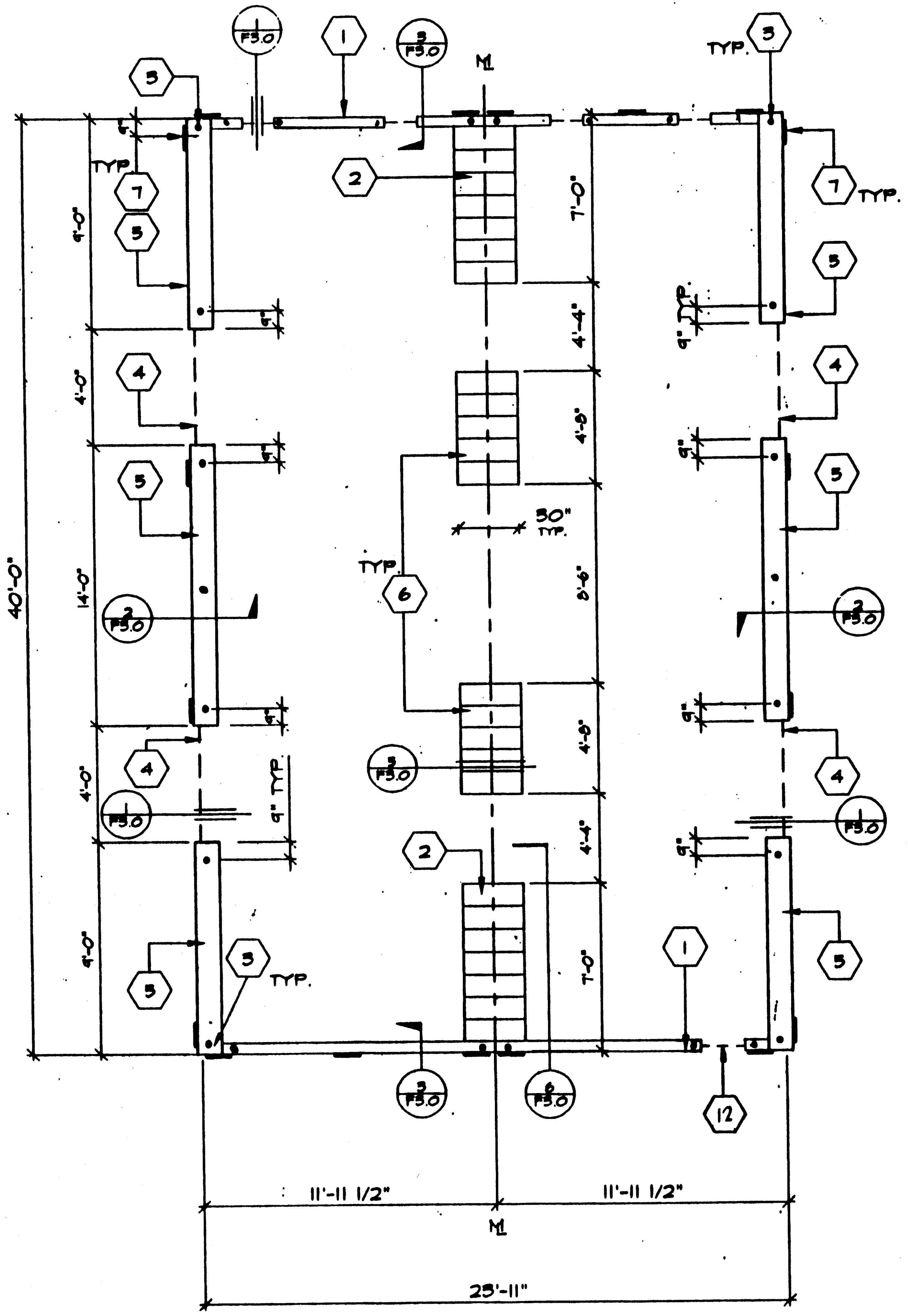
"MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3" IN OVERALL LENGTH"

THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.



PAD FTG'S AT ADJ. BLDG.

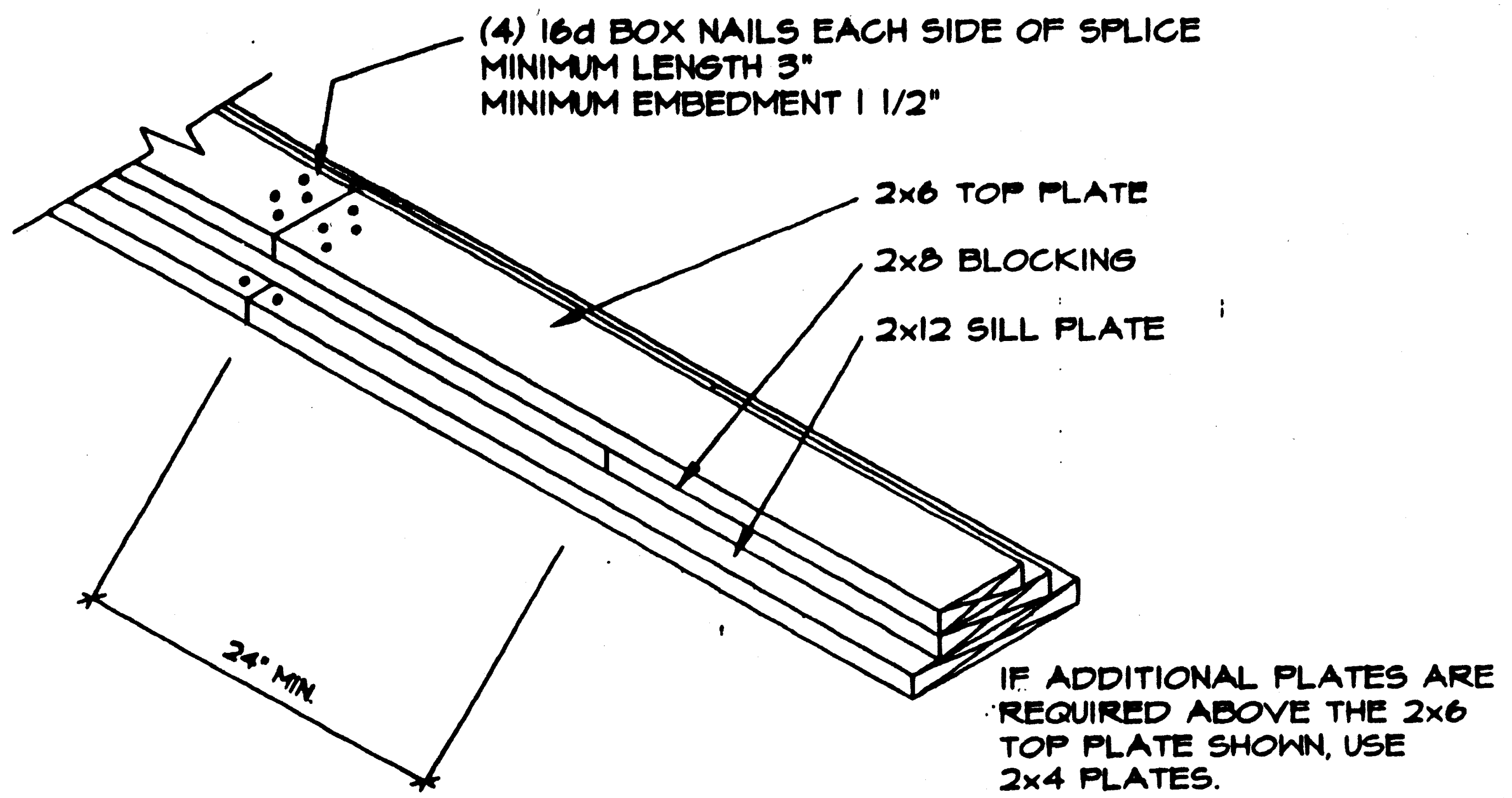
OPTIONAL



FOUNDATION (WOOD SILL)

24 x 40 - 50 + 20 PSF LL

SCALE 1/4"=1'-0"



IF ADDITIONAL PLATES ARE REQUIRED ABOVE THE 2x6 TOP PLATE SHOWN, USE 2x4 PLATES.

FOUNDATION SPLICE DETAIL

KEYNOTES

1	2"X6" SILL PLATE (ENDWALL)
2	7 - 2X12X30" LONG SILL PADS
3	PIPE TO GRADE (TYP.)
4	3" HIGH BY 4'-0" LONG VENT - SIDEWALL 3" HIGH BY 2'-0" LONG VENT - ENDWALL
5	2X12 SILL PLATE (SIDE WALL)
6	5-2X12X30" LONG SILL PADS
7	6"X12"X10 GA. PLATES
8	1" ⌀ PIPE EA. END EA. PAD AT ADJ. BLDG. LINE
9	5/8" ⌀ X4" LAG (4-PER BLDG. MIN.)
10	8 - 2X12X30" LONG SILL PADS
11	6 - 2X12X30" LONG SILL PADS
12	THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENT @ LANDING SKIRT

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 MAX. 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 HEM FIR
   GROUND CONTACT: LP-22 (CCA .40)
   ABOVE GROUND: LP-2 (CCA .25)

6. FOUNDATION DESIGNED FOR 1000 PS SOIL BEARING PRESSURE PER ORS IR 23-6.

VENT CALCS.

BLD'G SIZE 24' X 40'= 960 ⌀
VENTILATION REQ'D 960+150= 6.4 ⌀
3" X 4'-0" VENT=1.0 ⌀
4 VENTS X 1.0 ⌀ = 4 ⌀ VENTING PROVIDED
3" X 2'-0" VENT=0.5 ⌀
5 VENTS X 0.5 ⌀ = 2.5 ⌀ VENTING PROVIDED
6.5 ⌀ 6.4 ⌀

STKP-37

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT
△ △ △ △ △ △				George C. Edwards GEORGE C. EDWARDS No. C 2956 REN. 9-30-99	REVISED 2 7 199 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC 266 AC____ FLS____ SS ____ DATE 5-9-96

MODTECH INC.

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2852
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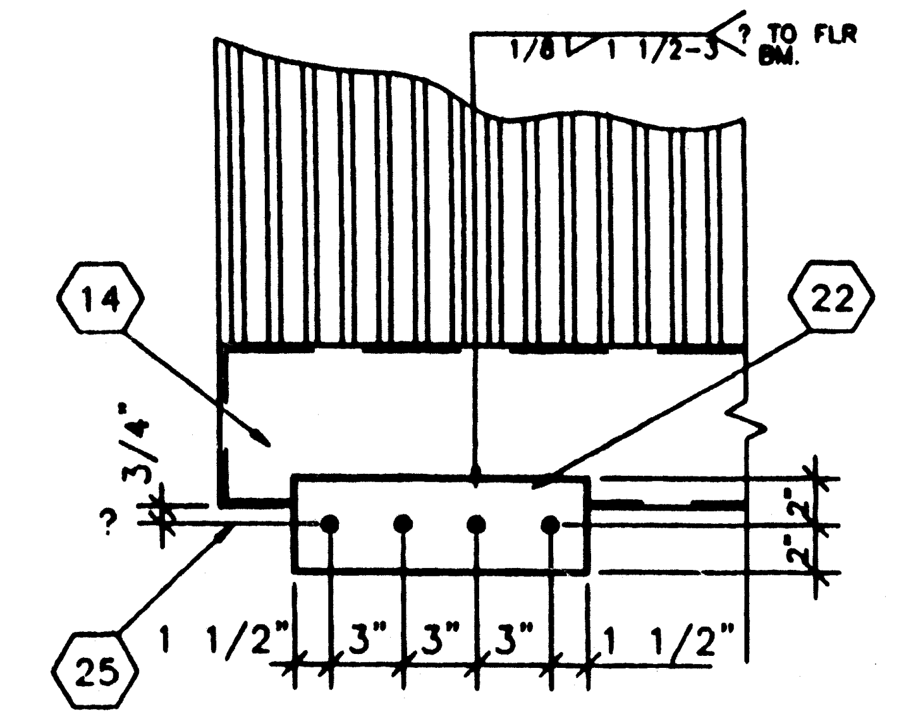
2818

DRAWN BY RN
DATE
CHECKED BY
DATE 8/96

FOUNDATION PLAN

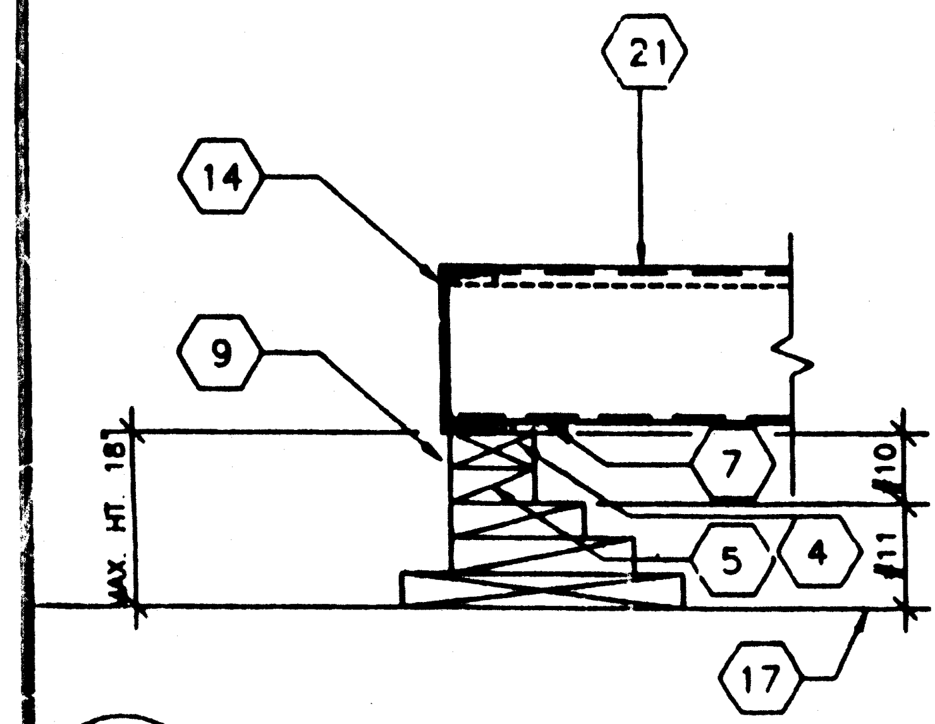
29-F0.2

2900



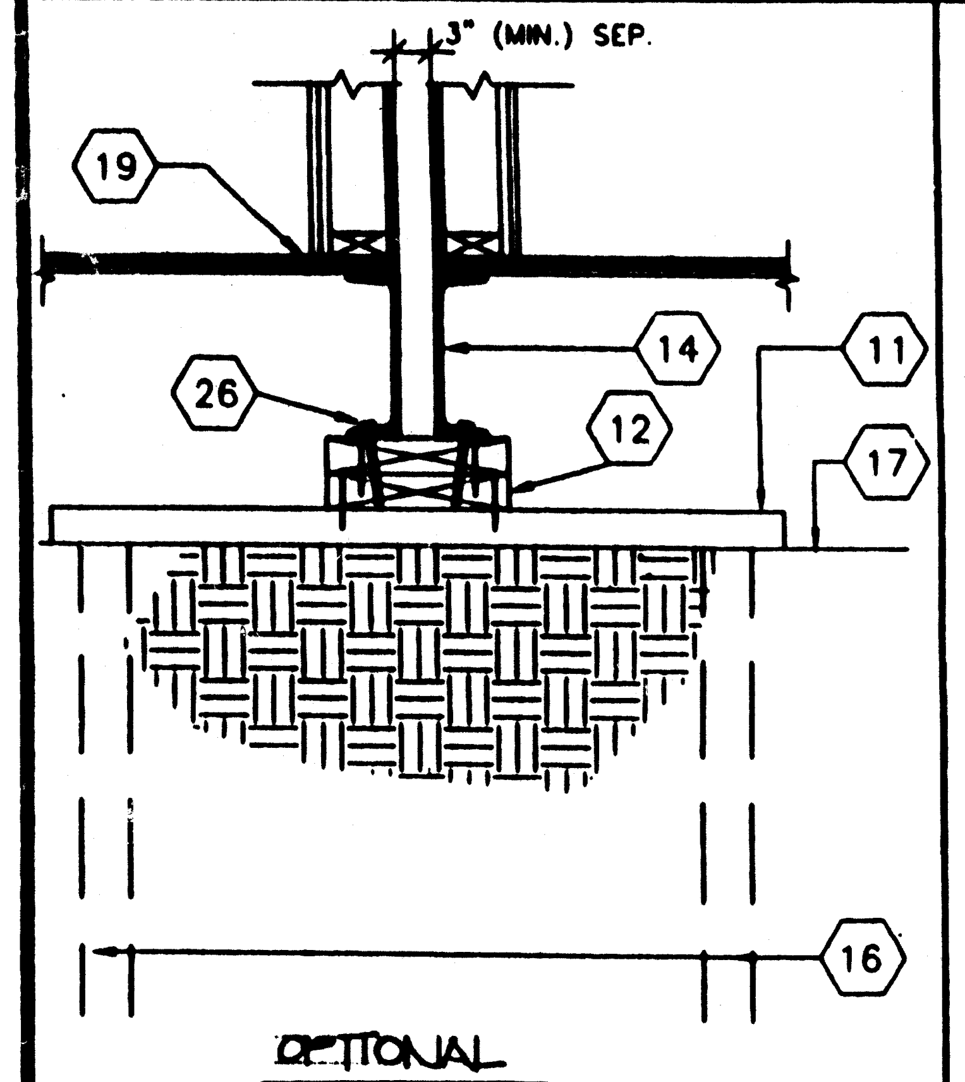
SCALE: 1 1/2"=1'-0"

9 ALTERNATE HOLD DOWN



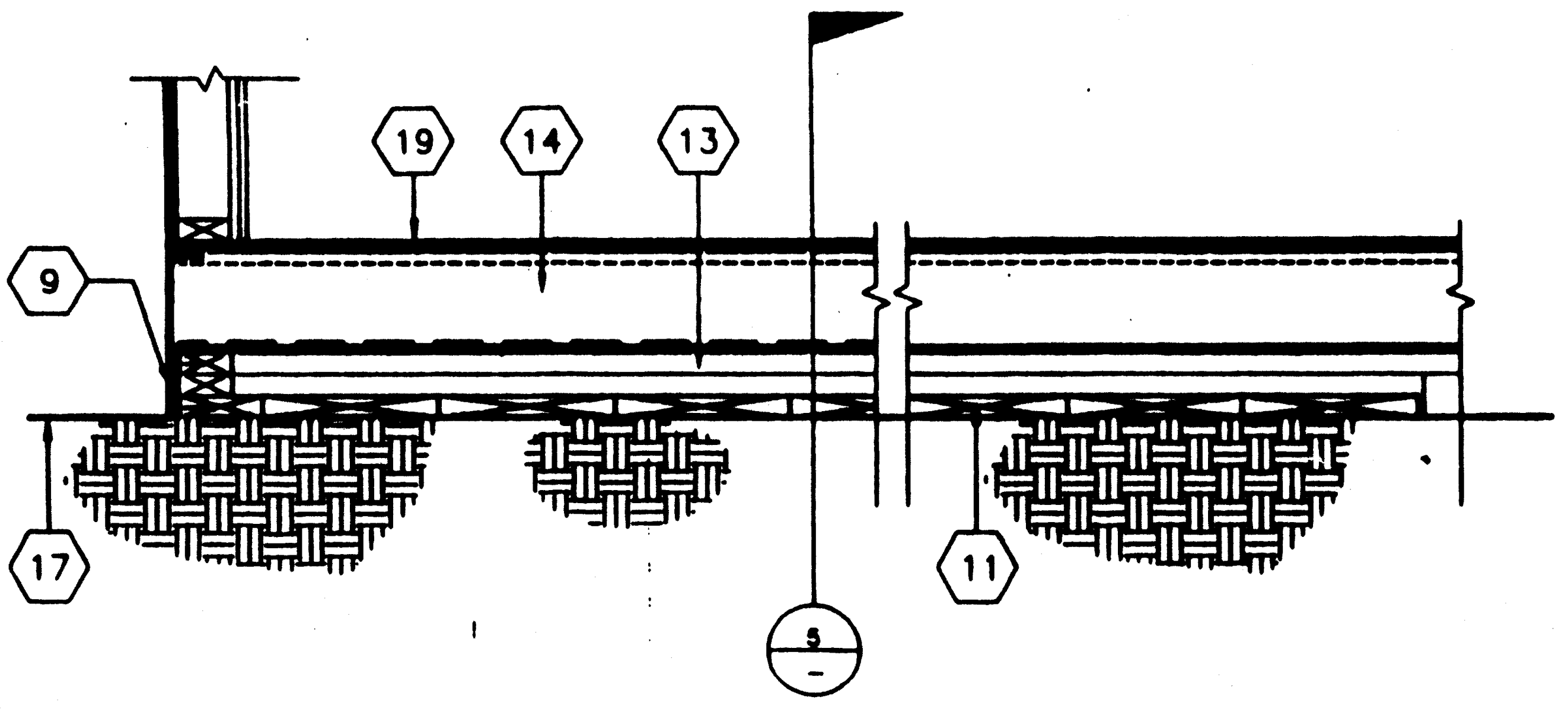
SCALE: 1 1/2"=1'-0"

10 ADD BLK'S/SHIMS TO LEVEL FOUND.



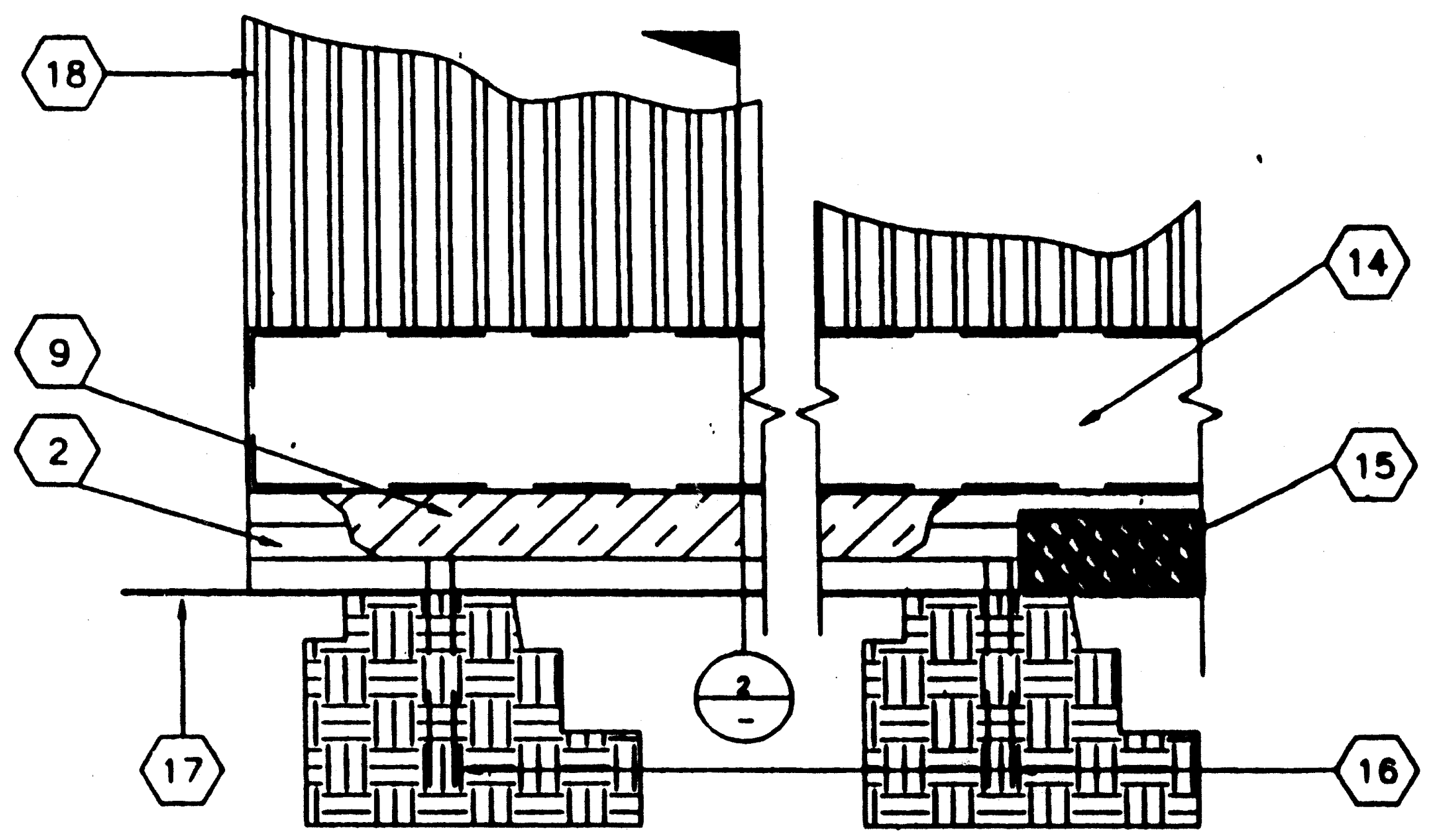
SCALE: 1 1/2"=1'-0"

11 FOUND. AT ADJ. BLDG



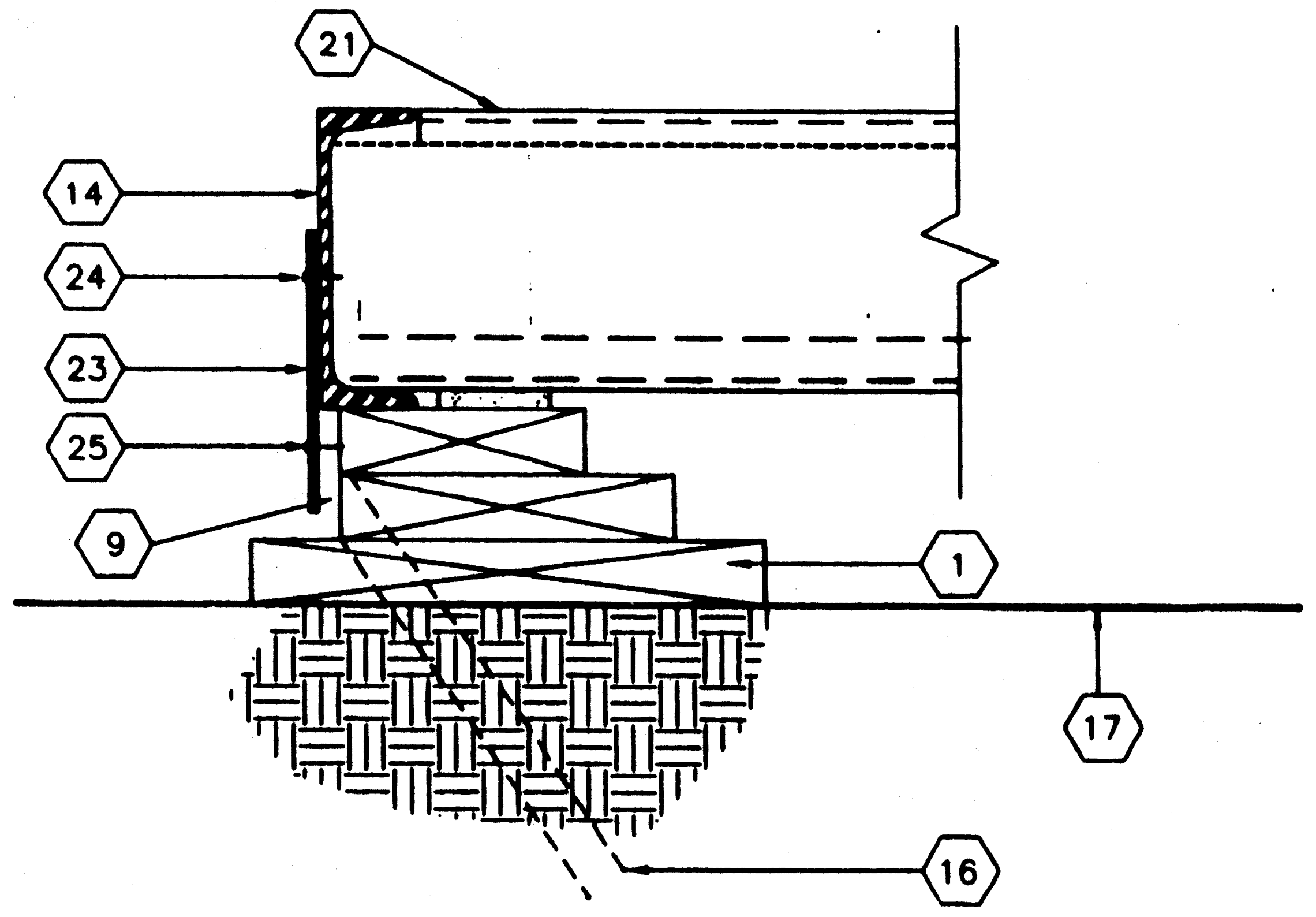
SCALE: 1 1/2"=1'-0"

6 MODLINE PAD @ END WALL



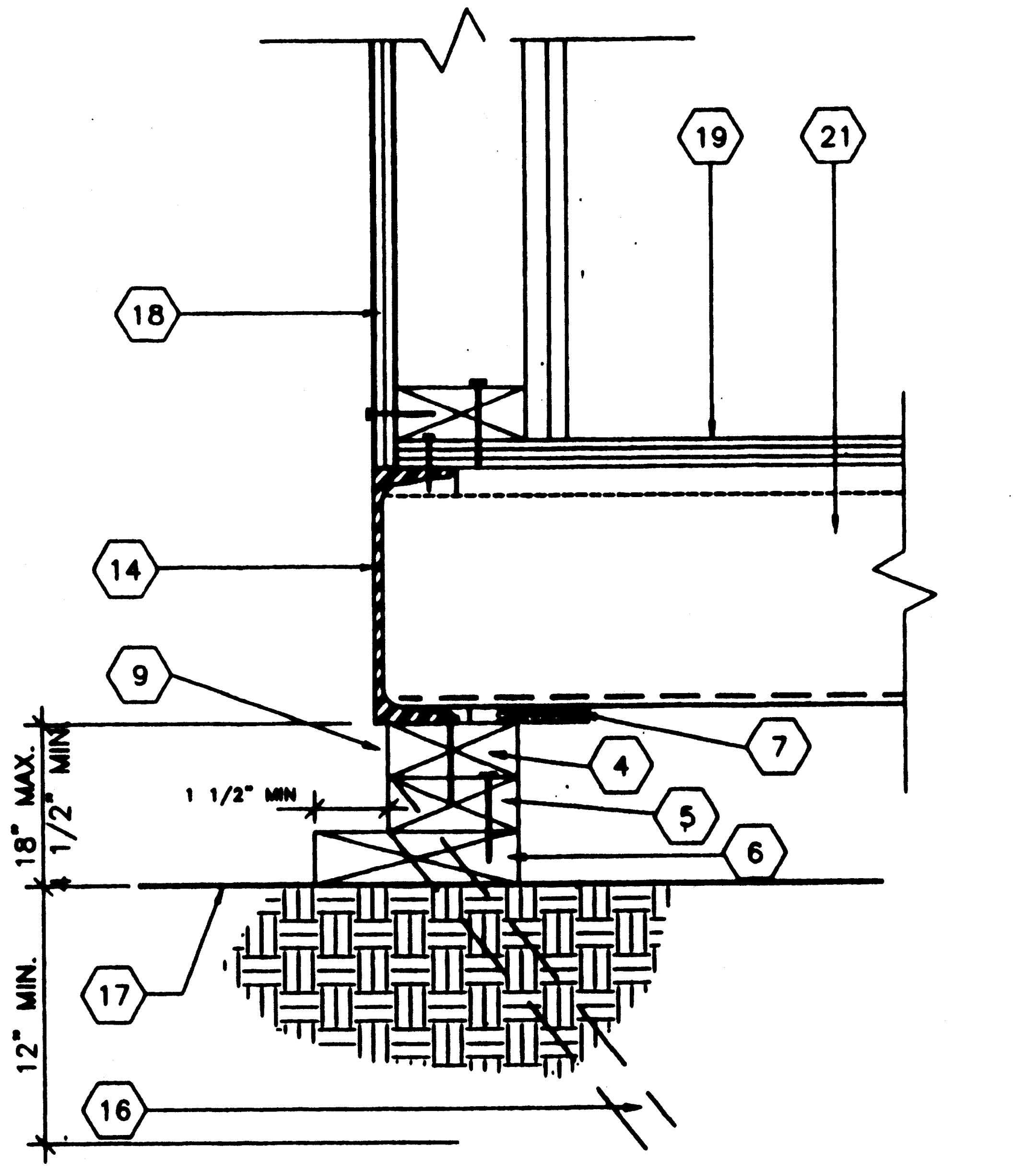
SCALE: 1 1/2"=1'-0"

7 FOUNDATION ELEVATION @ SIDE WALL



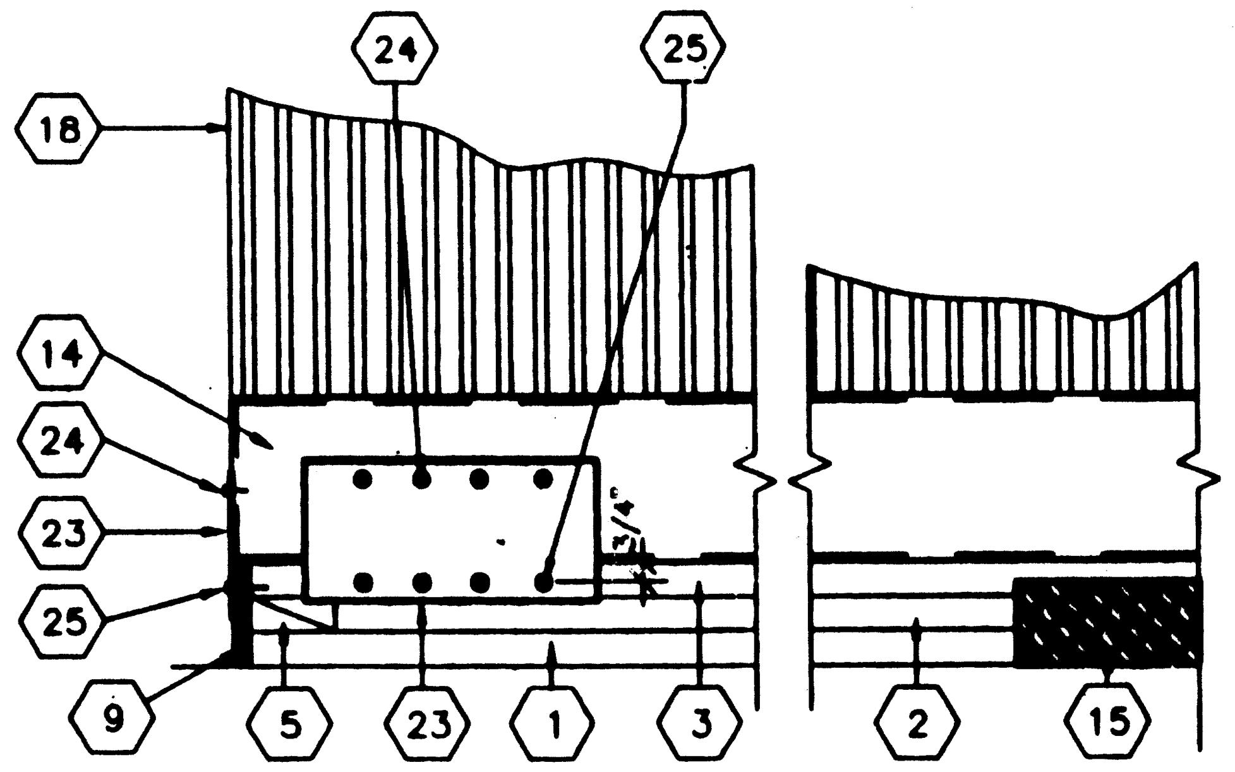
SCALE: 3"=1'-0"

8 TYPICAL TIE PLATE



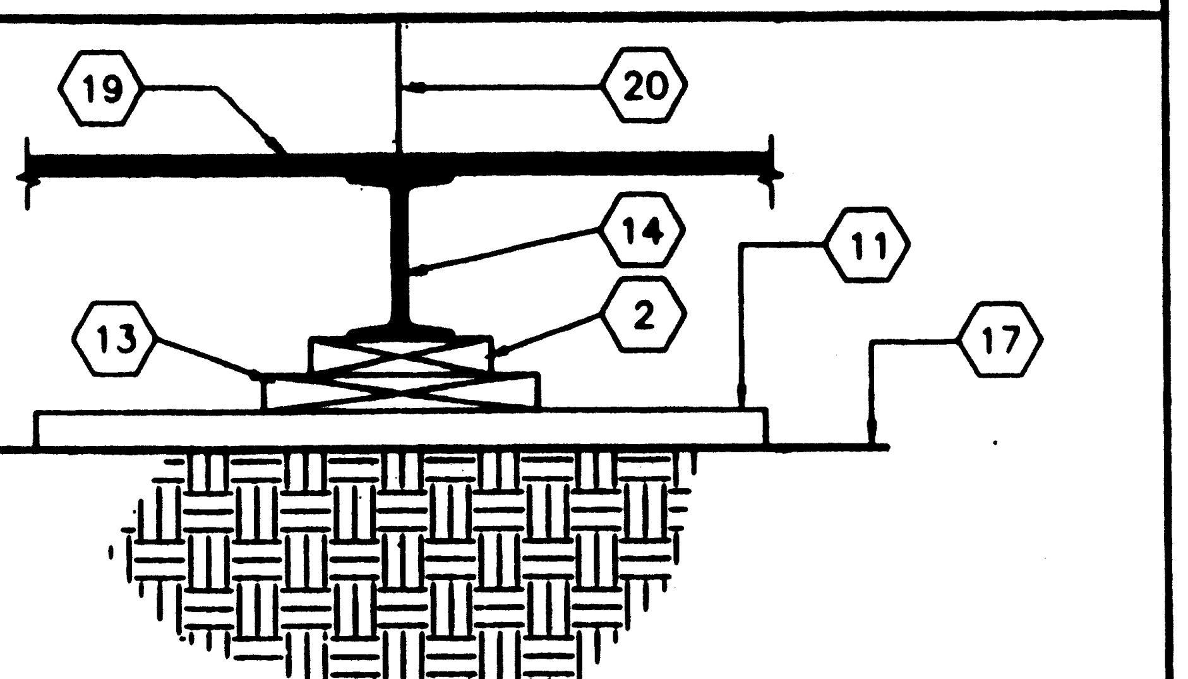
SCALE: 3"=1'-0"

3 FOUNDATION @ END WALL



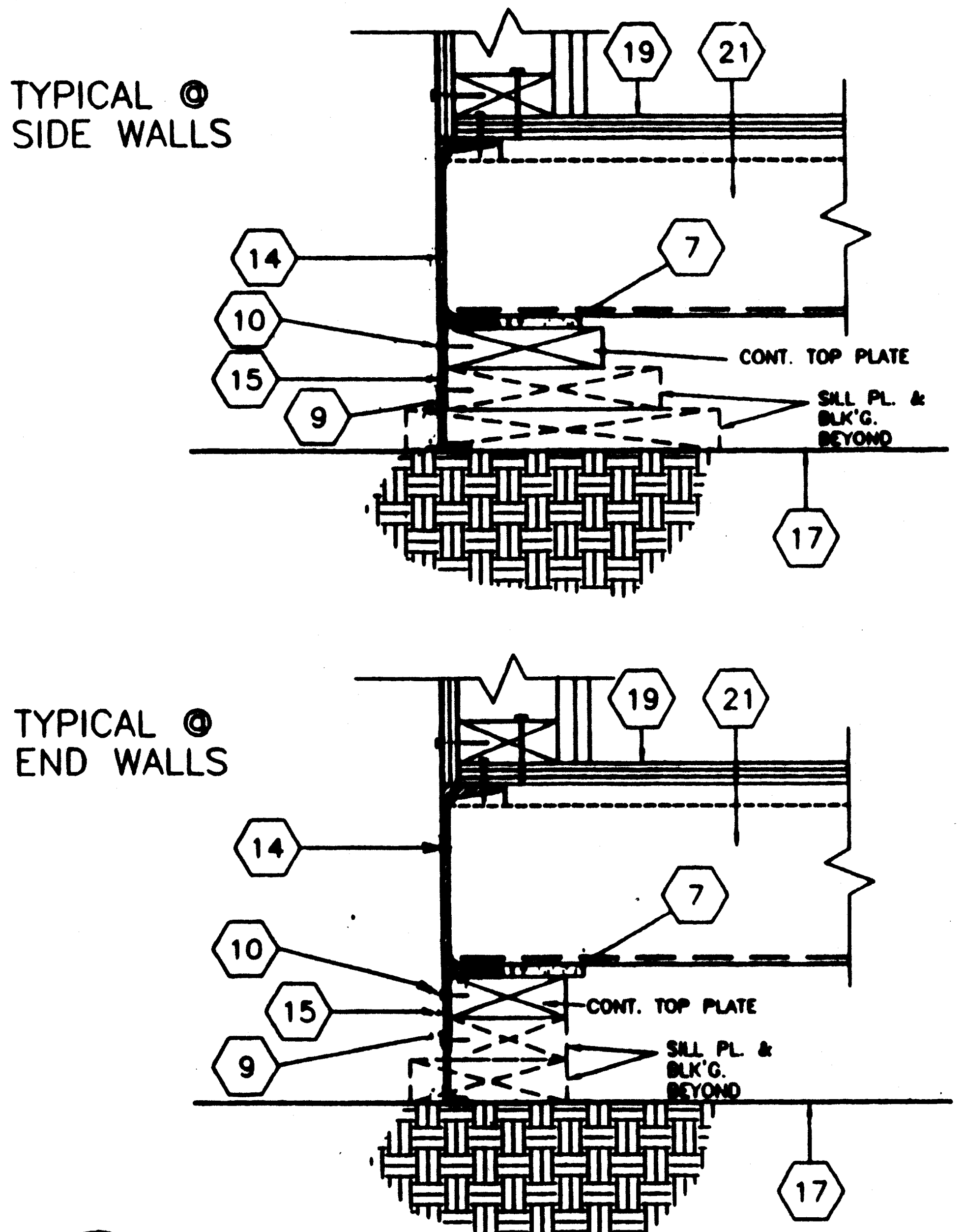
SCALE: 1 1/2"=1'-0"

4 DETAIL @ FOUNDATION CORNER



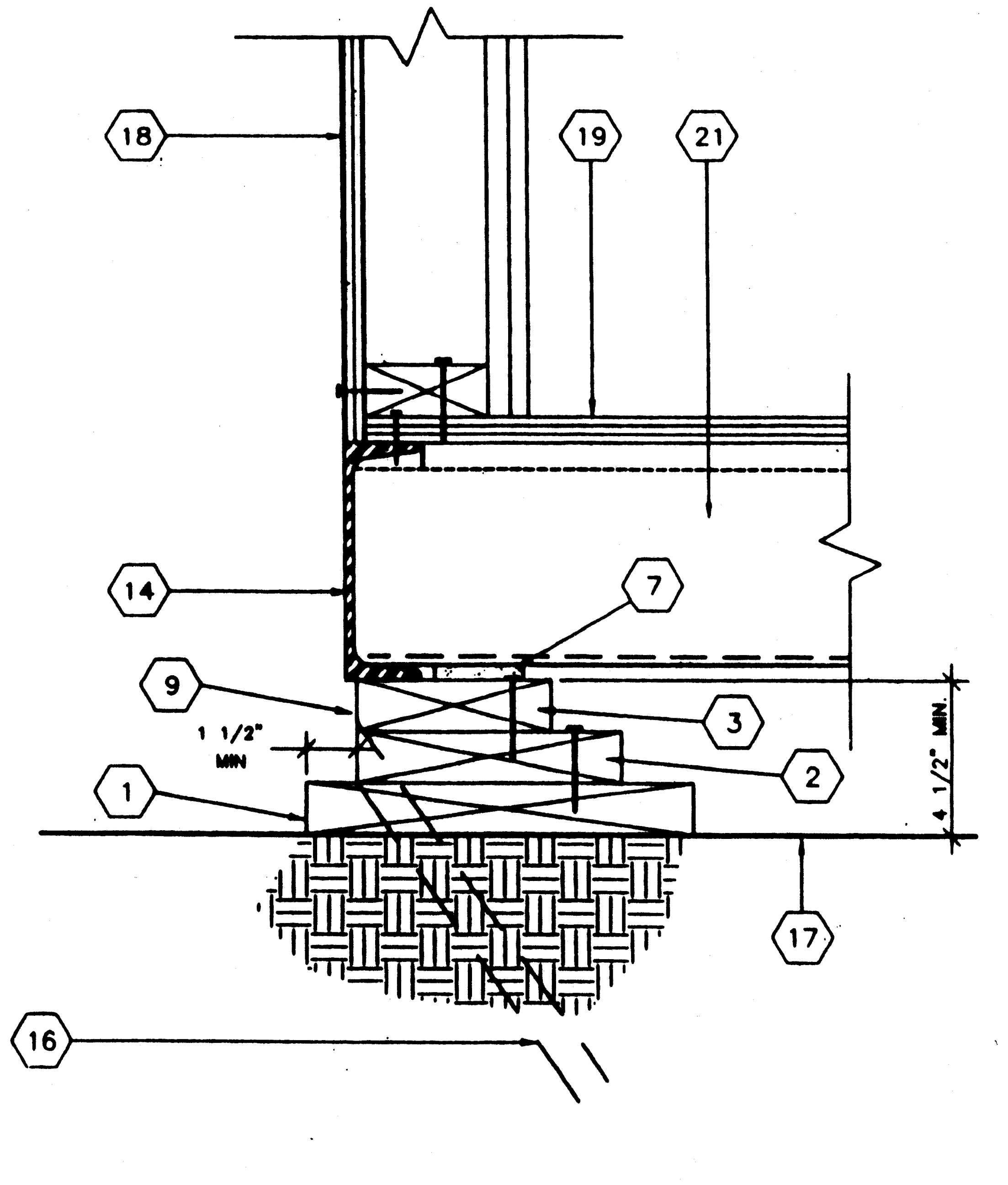
SCALE: 1 1/2"=1'-0"

5 FOUNDATION PAD @ MODLINE



SCALE: NTS

1 FOUNDATION VENT



SCALE: 3"=1'-0"

2 FOUNDATION @ SIDE WALL

KEY NOTES

1	2X12 SILL PLATE SEE FOUND. PLAN FOR LENGTH
2	2X8 BLOCKING W/16d ●MAX 5"O.C. TO SILL PLATE
3	2X6 TOP PLATE W/16d ●MAX 5" O.C. TO BLOCKING
4	2X4 TOP PLATE W/16d ● MAX 5" O.C. TO BLOCKING
5	2X4 BLOCKING W/16d MAX. 5" O.C. TO SILL PLATE
6	2X6 SILL PLATE SEE FOUND. PLAN FOR LENGTH
7	5/8"X2 1/2" SHIM (WHEN REQ.)
8	INSERT REQ'D 2X4 BLK'NG OR PLYWD. SHIM W/16d ● 12" O.C. FACE NAIL
9	OPTIONAL – MIN. 3/8" PLYWOOD SHIRTING W/ 10d ● MIN. 4" O.C. ● ENDWALLS & 6" O.C. ● SIDEWALLS E.N. & TYP. 12" O.C. FN. PLATE TO PLATE NAILING FOR THE FOUNDATION MEMBERS CAN BE DECREASED TO 12" O.C. AND FOUNDATION BLOCKING SHALL BE RECESSED SUCH THAT THE SKIRTING SHALL BE INSTALLED FLUSH WITH THE PERIMETER FLOOR CHANNEL.
10	10d GALV. NAIL ● MAX. 4" O.C.
11	2X12X2'-6" SILL PLATE SEE FOUND. PLAN FOR QUANITY REQ.'D
12	2 X 10 PLATES W/ 2-16D BOX ● 6" O.C.
13	2X10 BLK'NG FACE OR TOE NAIL 16d ● MAX 12" O.C. ADD BLKS. OR SHIMS AS REQ'D
14	FLOOR FRAME BEAM SEE. STRUCTURAL C7x9.8
15	TYPICAL FOUNDATION VENT (SEE FOUNDATION PLAN FOR SIZES AND LOCATIONS).
16	SILL RESTRAINT 1" ø PIPE SEE FOUND. FOR LOCATION
17	FINISH GRADE
18	EXTERIOR FINISH
19	PLYWOOD SUBFLOOR
20	MOD-LINE
21	FLOOR-JOIST
22	4"X12"X10 GA. PLATE
23	6"X12"X10 GA. PLATE
24	1/4" ø S.T.S. TYP. 4-PLACES
25	1/4" ø X3" LG. LAG SCREW TYP. 4-PLACES
26	5/8" øX4" LAGS (FOR LOCATION SEE PLAN)

FOUNDATION LUMBER TO BE PRE-CUT AT FACTORY. LUMBER GRADES & PRESSURE TREATING TO BE VERIFIED BY IN-PLANT INSPECTOR.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
04 100596
AC FLS SS
DATE AUG 10 1996

STKP-37

REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT
△ △ △ △ △ △			LICENSE EXPIRES 6-30-2000	GEORGE C. EDWARDS No. C 2956 REN. 9-30-99	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES REVISED AUG 27 1996 PC 266 AC___ FLS___ SS___ DATE 5-9-96

MODTECH INC,

MODTECH INC.
2830 BARRETT AVE.
PERRIS, CA. 92572
PH. (909) 943-4014
FX. (909) 940-0427

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JOB NO. 4012-083
2900

2765
2852
2854
2900
2818

DRAWN BY RH
DATE 8/96
CHECKED BY FH
DATE 8/96

FOUNDATION DETAILS

29-F3.0

JOB NO. 2900

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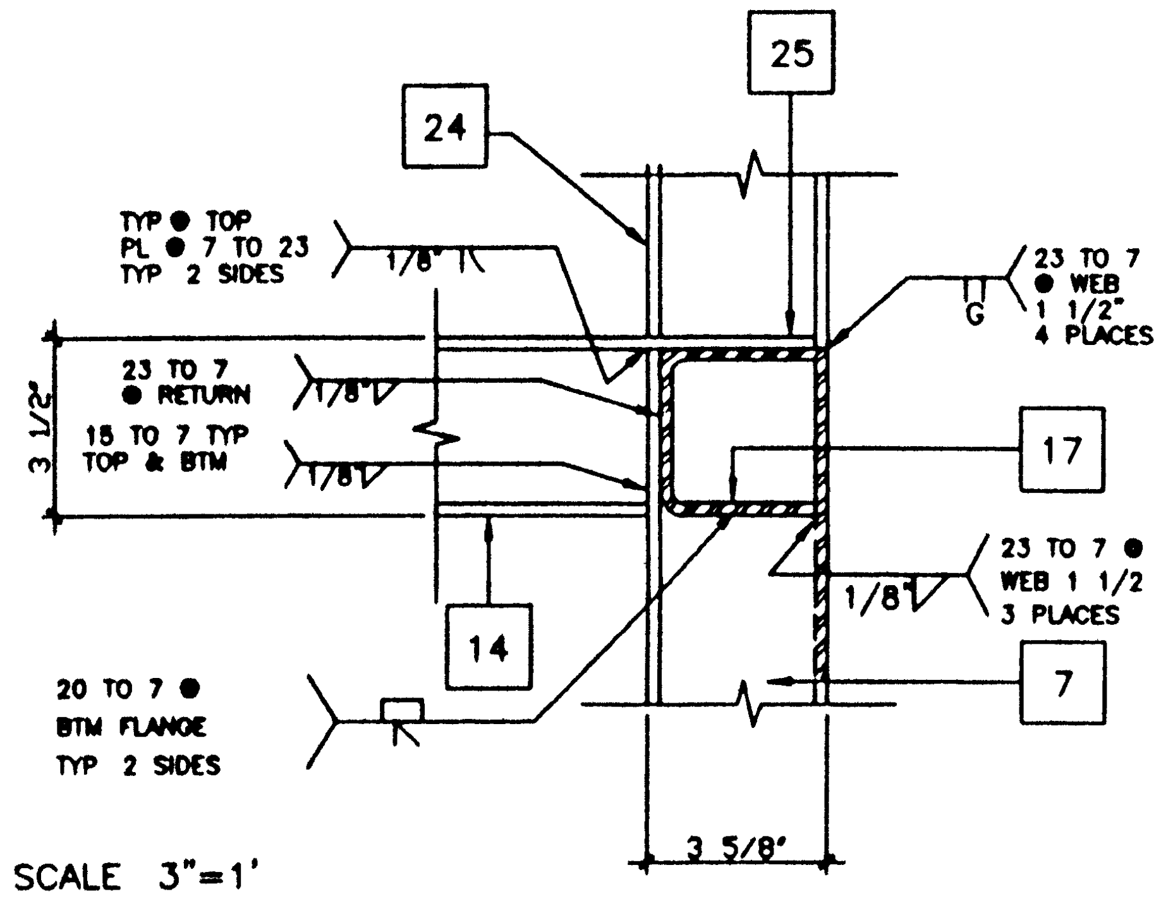
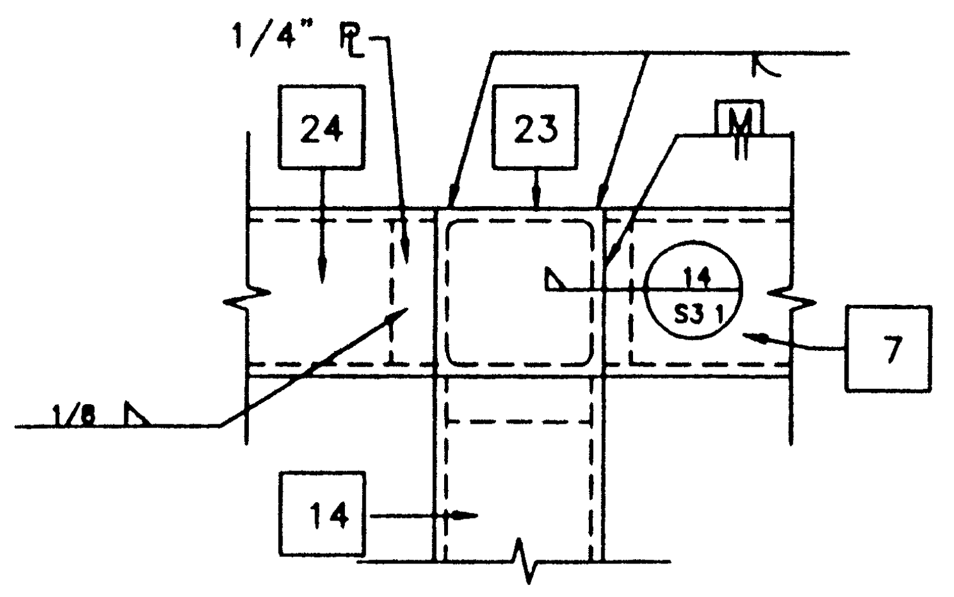
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026



SCALE 3"=1'

COLUMN SECTION 11

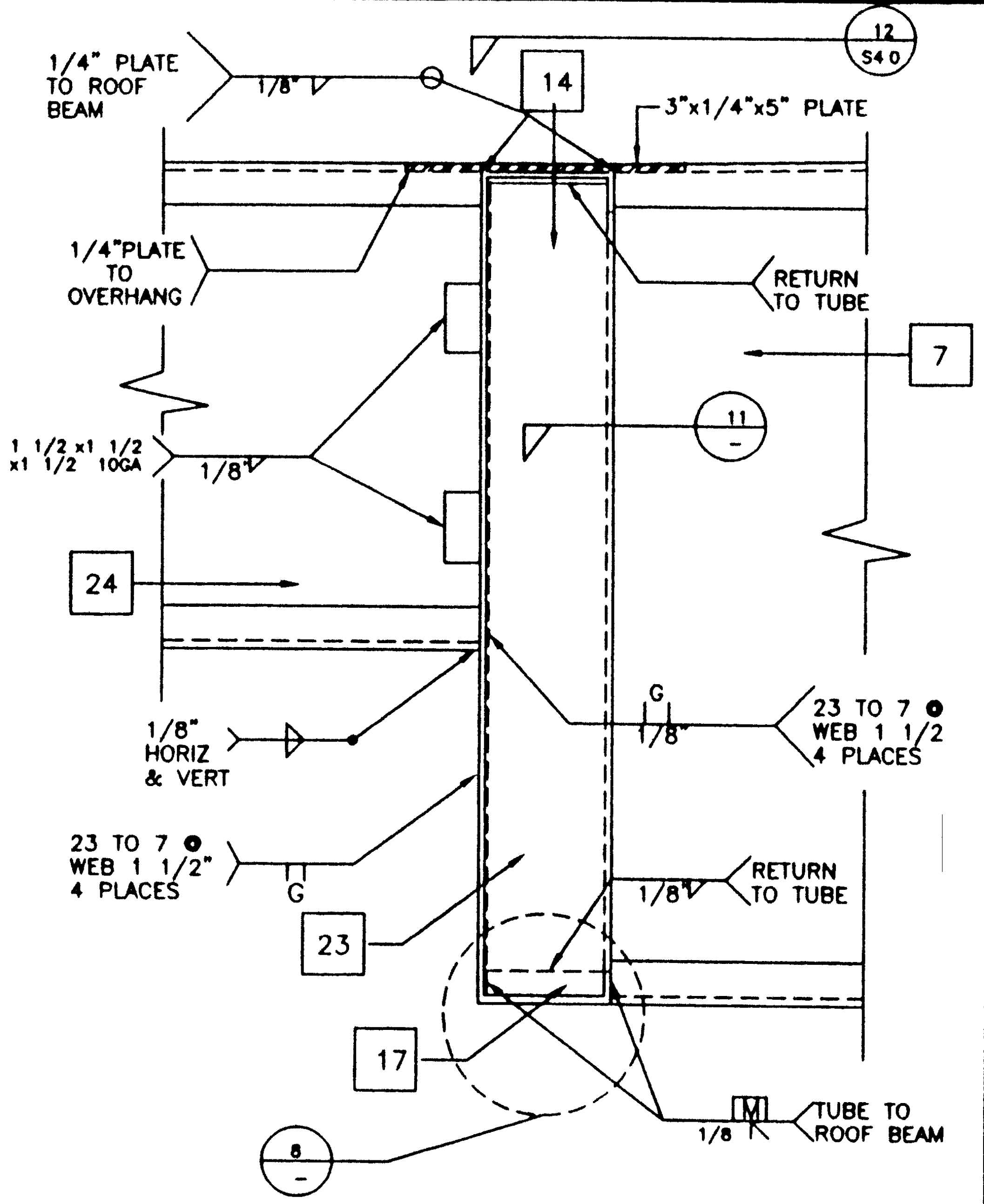


SCALE 3"=1'

COLUMN CAP PLATE 12

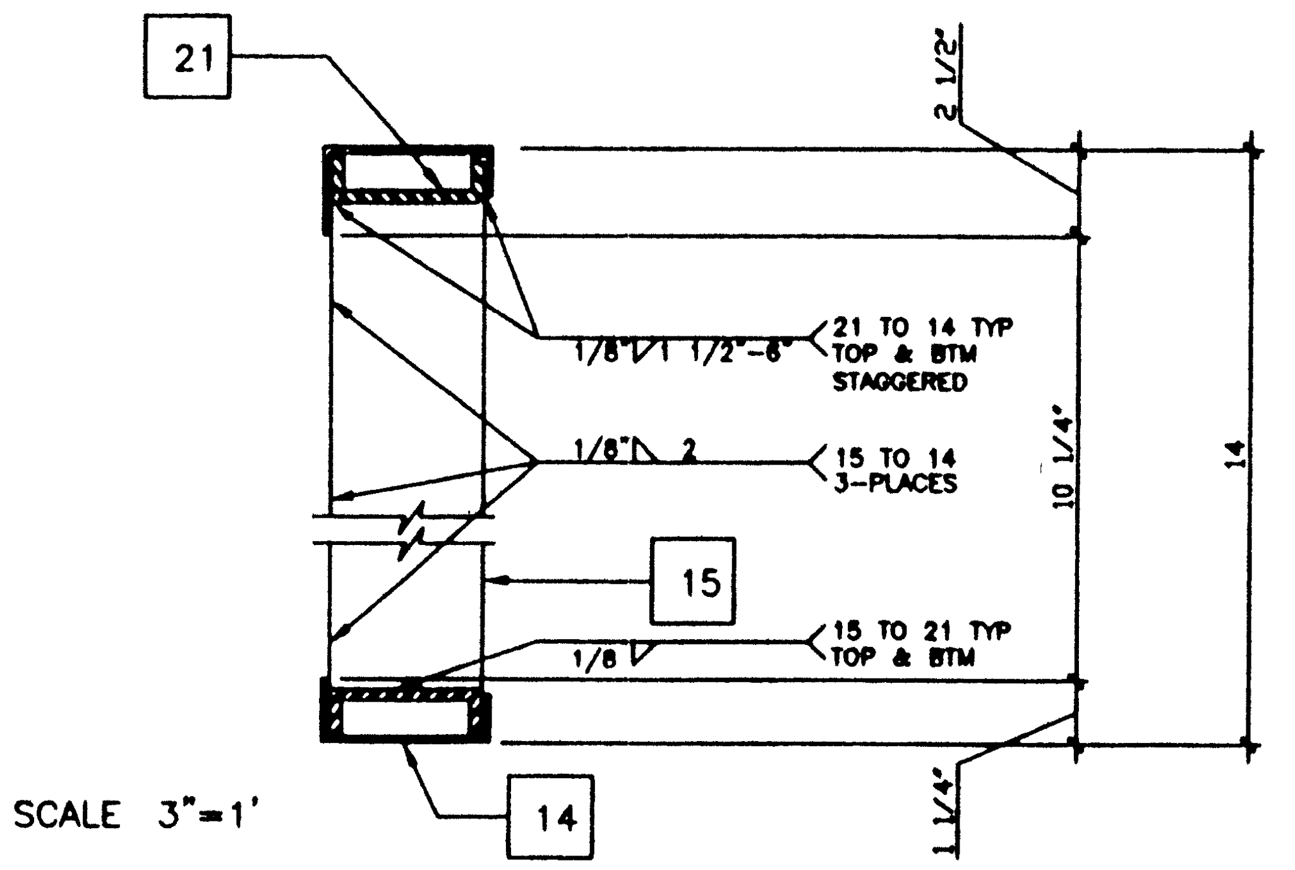
8

9



SCALE 3"=1'

ROOF HEADER AT FRONT OVERHANG MONO PITCH 10



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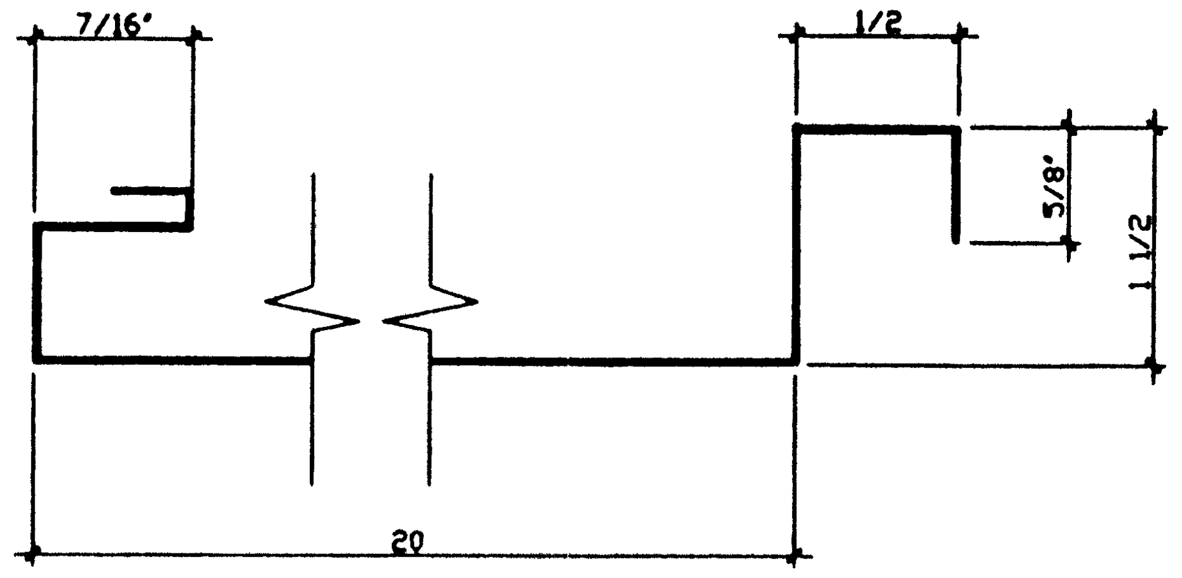
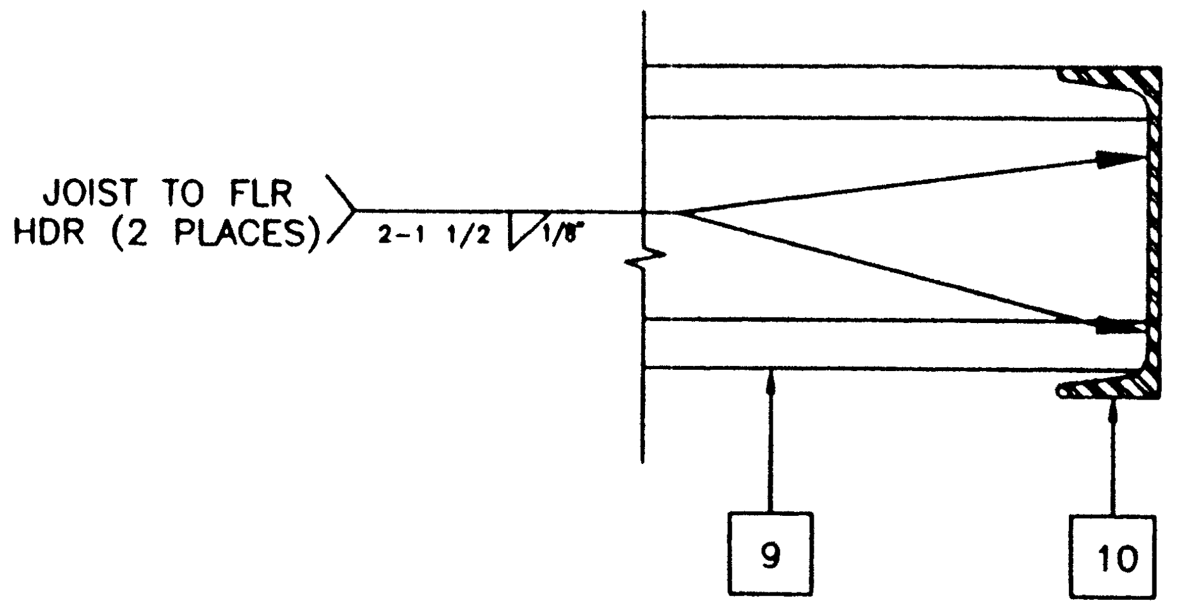
MECH. DUCT OPENING IN HEADER 4



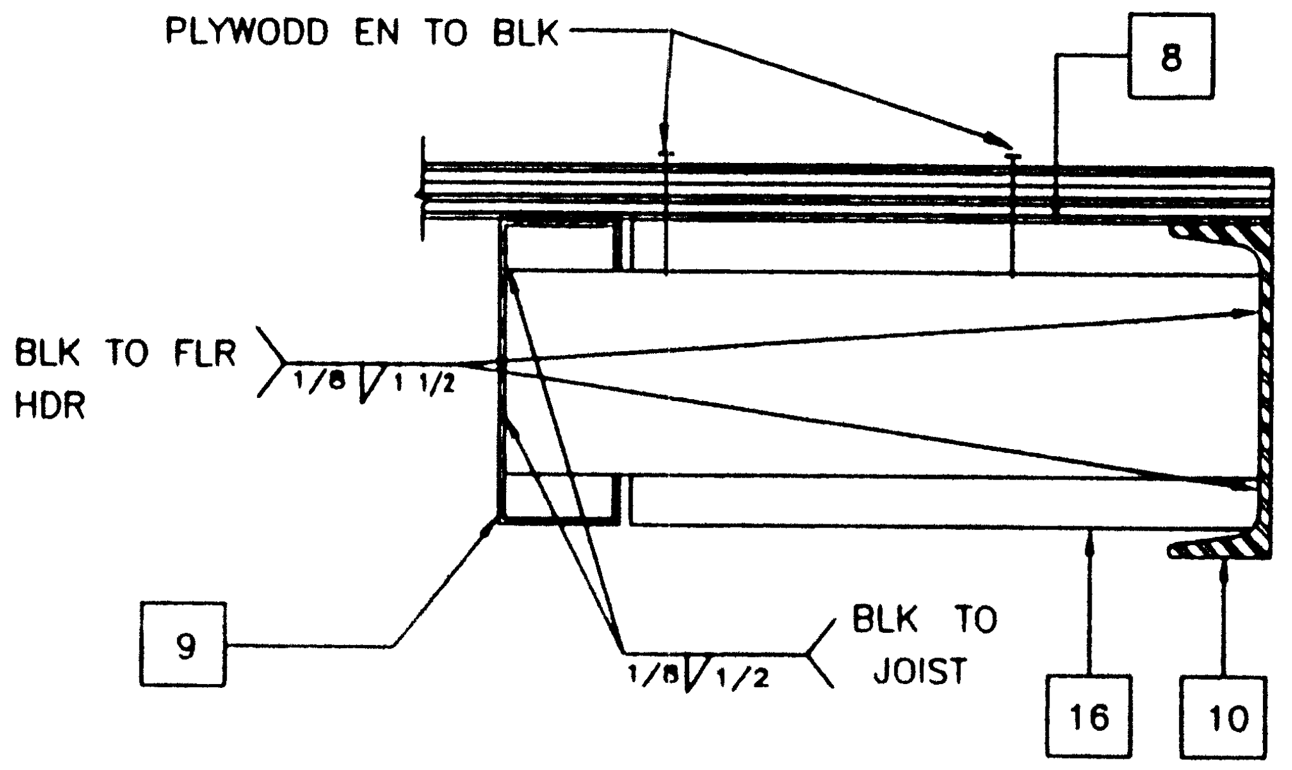
SCALE NTS

ROOF PAN 5



SCALE 3"=1'

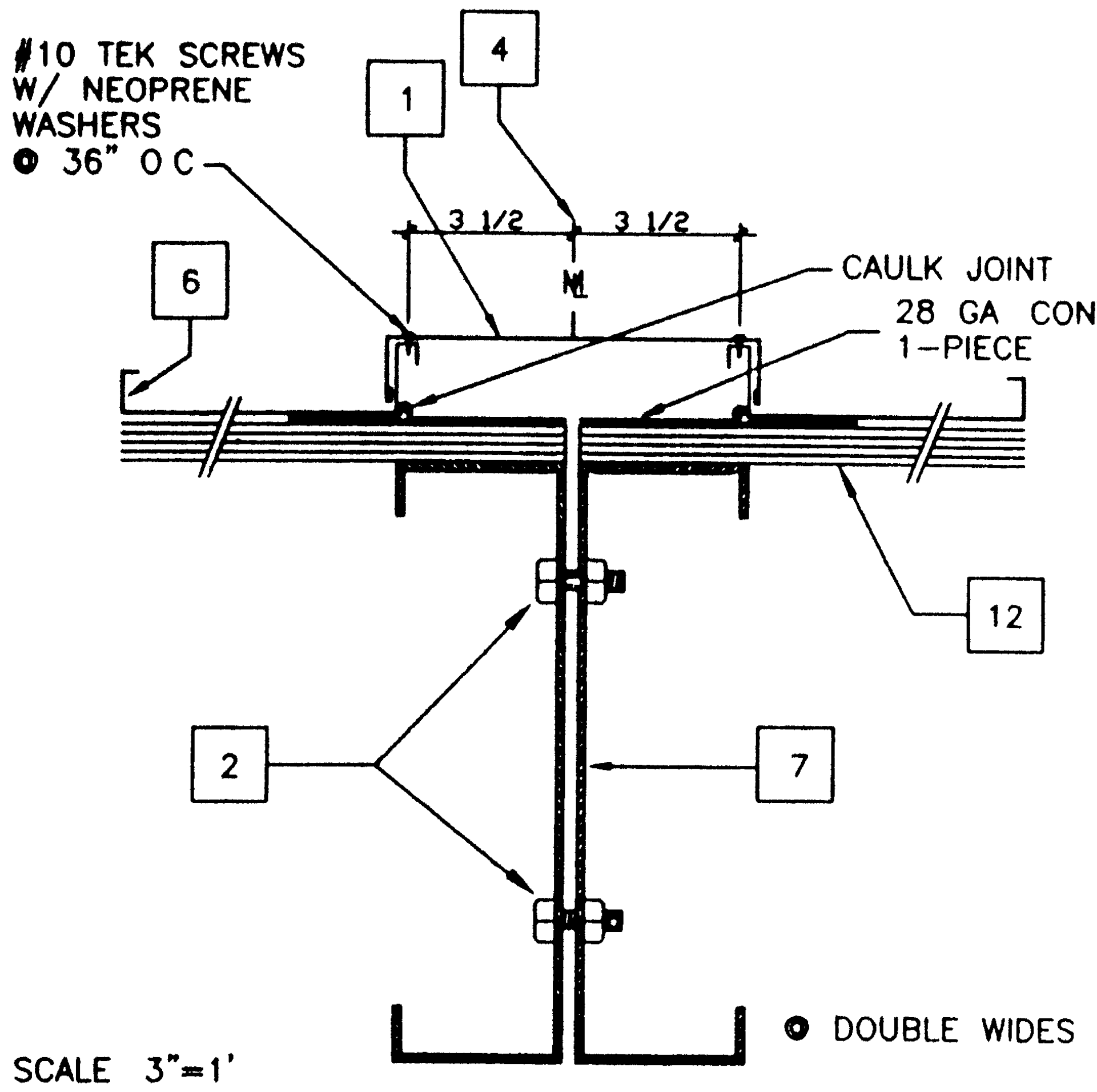
FLOOR FRAME/JOIST TO BEAM 6



SCALE 3"=1'

REVISED

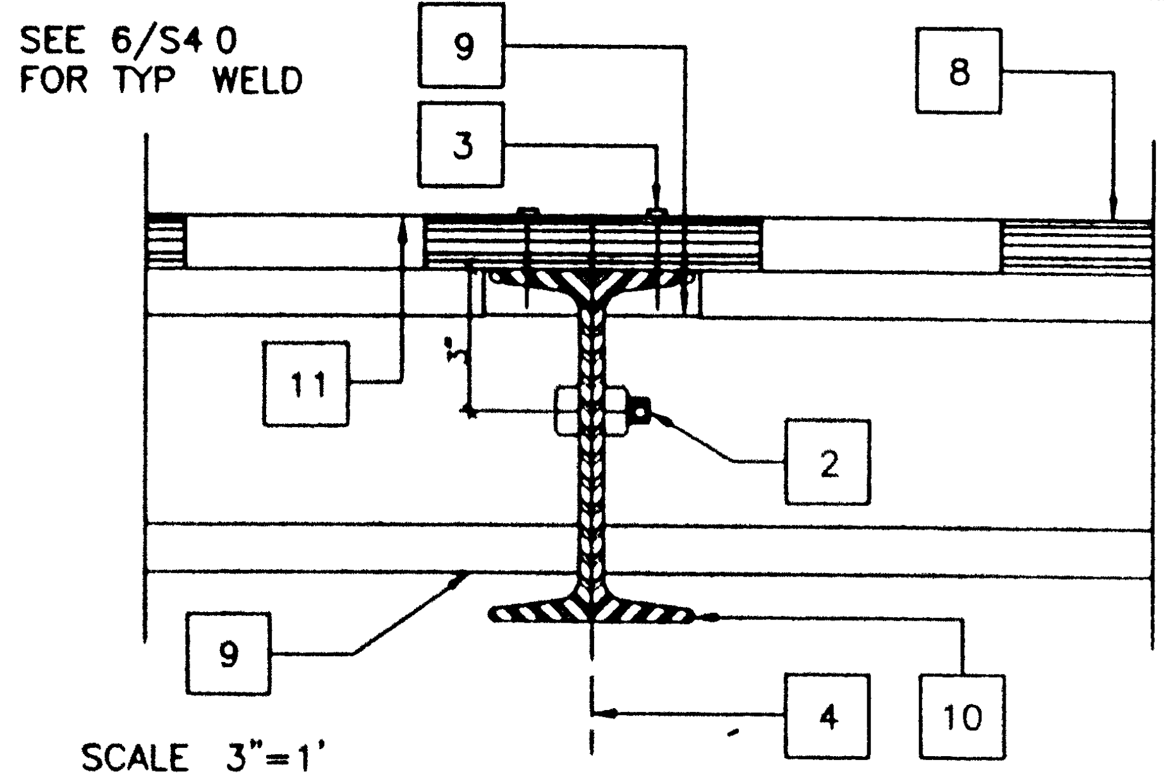
BLOCK AT MIDSPAN 7



SCALE 3"=1'

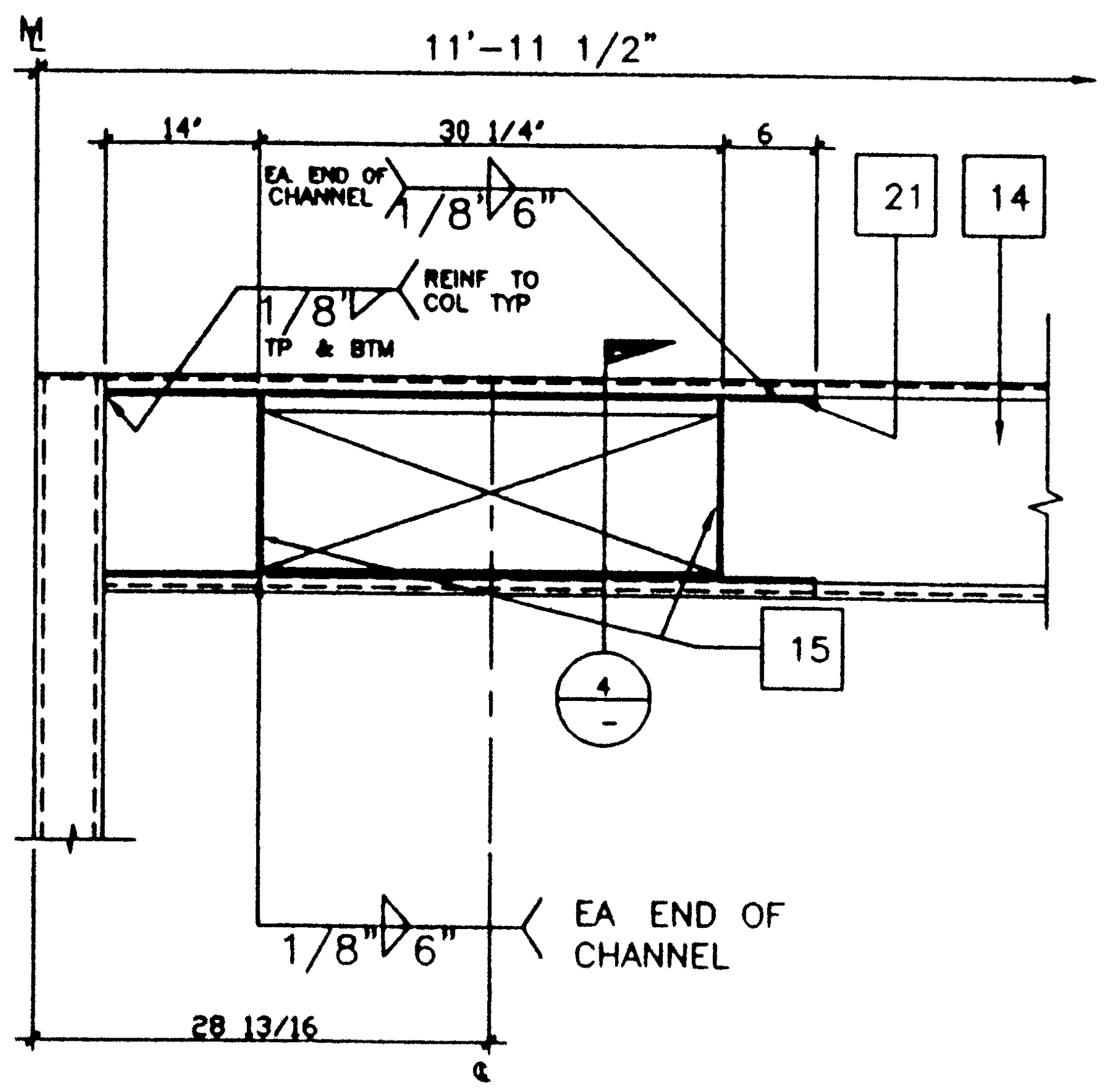
ROOFING AT MODLINE 1

SEE 6/S4 0
FOR TYP WELD



SCALE 3"=1'

MODULE JOINT AT FLR 2



SCALE 1"=1

ELEVATION-OPENING 3

KEY NOTES

1	CAP CLOSURE ● RIDGE 26GA GALV W/#10 TYPE FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE SET CAP IN SEALANT SEE DETAIL-
2	5/8" M B A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) ● 8" O C
3	E N
4	MODULE JOINT
5	NOT USED
6	STANDING ROOF SEAM (SEE A2 0)
7	ROOF BEAM (SEE STRUCTURAL) SEE 3/S3 1 & 12/S3 1
8	PLYWOOD FLOOR SHEATHING
9	FLOOR JOIST 6/S3 1
10	FLOOR BEAM (SEE STRUCTURAL 5/S3 1)
11	HAND HOLE ● BOLT LOCATION
12	PLYWOOD ROOF SHEATHING
13	3 1/2 X3 1/2 X1/4 STEEL TUBE COLUMN
14	ROOF HEADER (SEE STRUCTURAL 1/S3 1)
15	1/4 STIFFENER PLANE SEE 9/S3 1 FOR TYP WELD
16	"C" BLOCKING SEE 6/S3 1
17	10GA BACK-UP ℞
18	NOT USED
19	NOT USED
20	2 X2 X3/16 ∠
21	3 1/4 X1"X45 11/16 LX10GA CHANNEL TOP & BOTTOM CENTER OF OPENING
22	ROOF PURLIN SEE 2/S3 1
23	TUBE STEEL (SEE 11/S3 1) STIFFFNER COPE TO FIT ROOF BEAM
24	ROOF BEAM AT OVERHANG SEE 4/S3 1

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~~AC FLS SS~~
~~DATE AUG 1 0 1996~~

FILE # P266 S40 DWG

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer s Seal

Mechanical Engineer s Seal

Structural Engineer s Seal
JAMES T SIMPSON
No 3602
LICENSE EXPIRES 6-30-2000

Architects Seal
GEORGE C EDWARDS
No C 2956
REN 9 30 99

Division of the State Architect
IDENTIFICATION STAMP
DIV OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-266
AC FLS SS
DATE JUN 2 5 1997

MODTECH INC
2830 BARRETT AVENUE
PERRIS, CALIF 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER 2900

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4012-083

STKP-37

PROJECT NO

drawn by
date
checked by
date
Modtech project no 2765 2852 2854 2900

MODTECH Index No 29-S4.0

STRUCTURAL DETAILS

PC-266 2900

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
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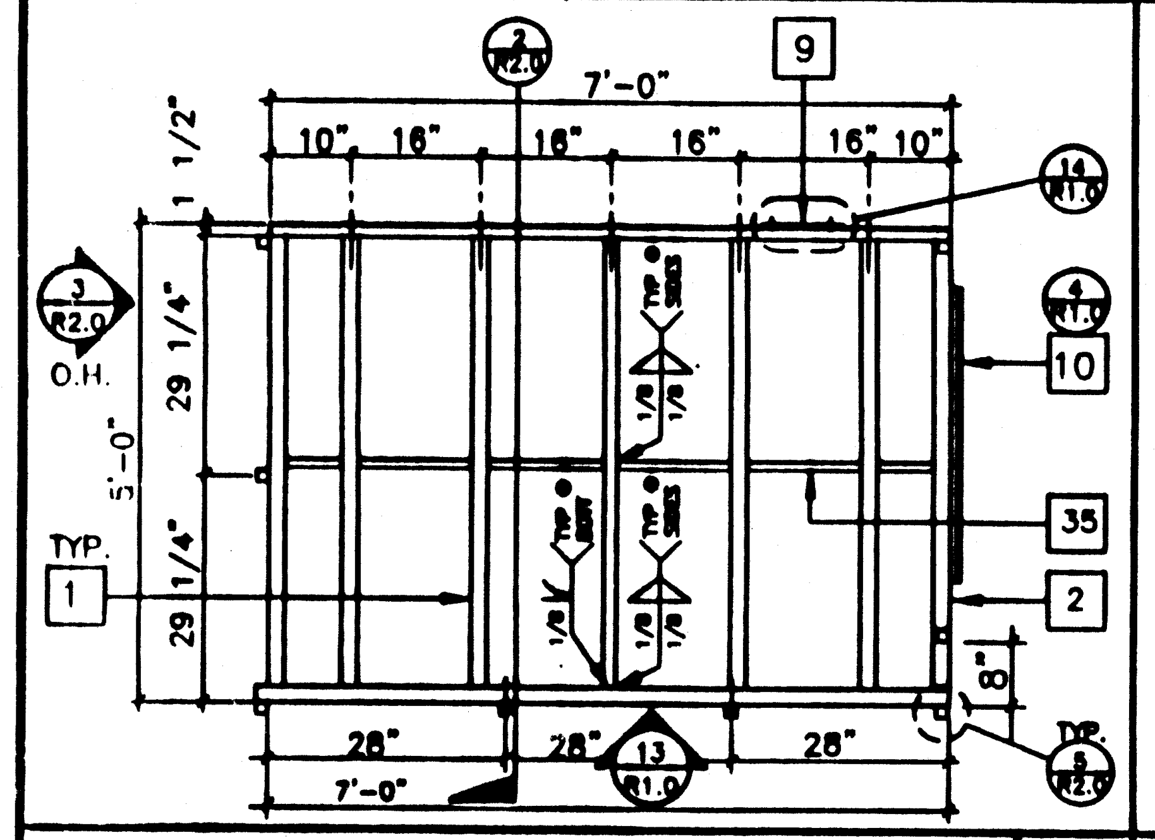
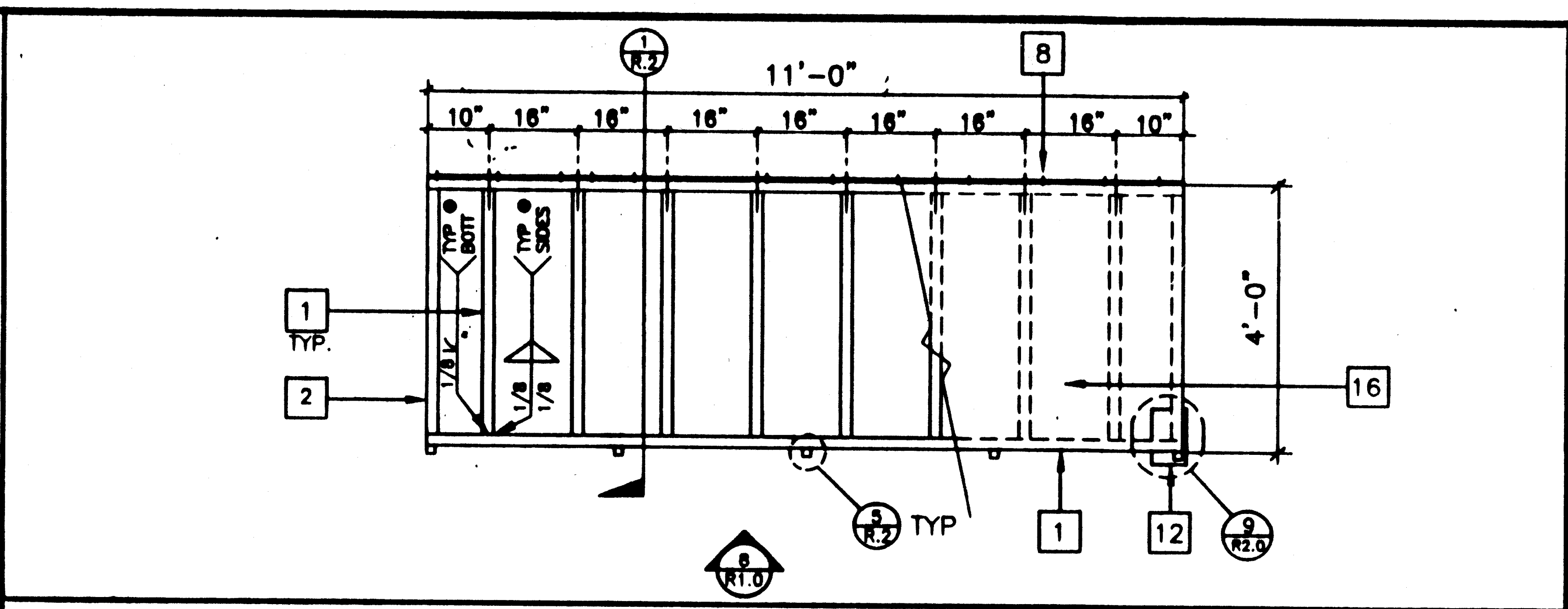
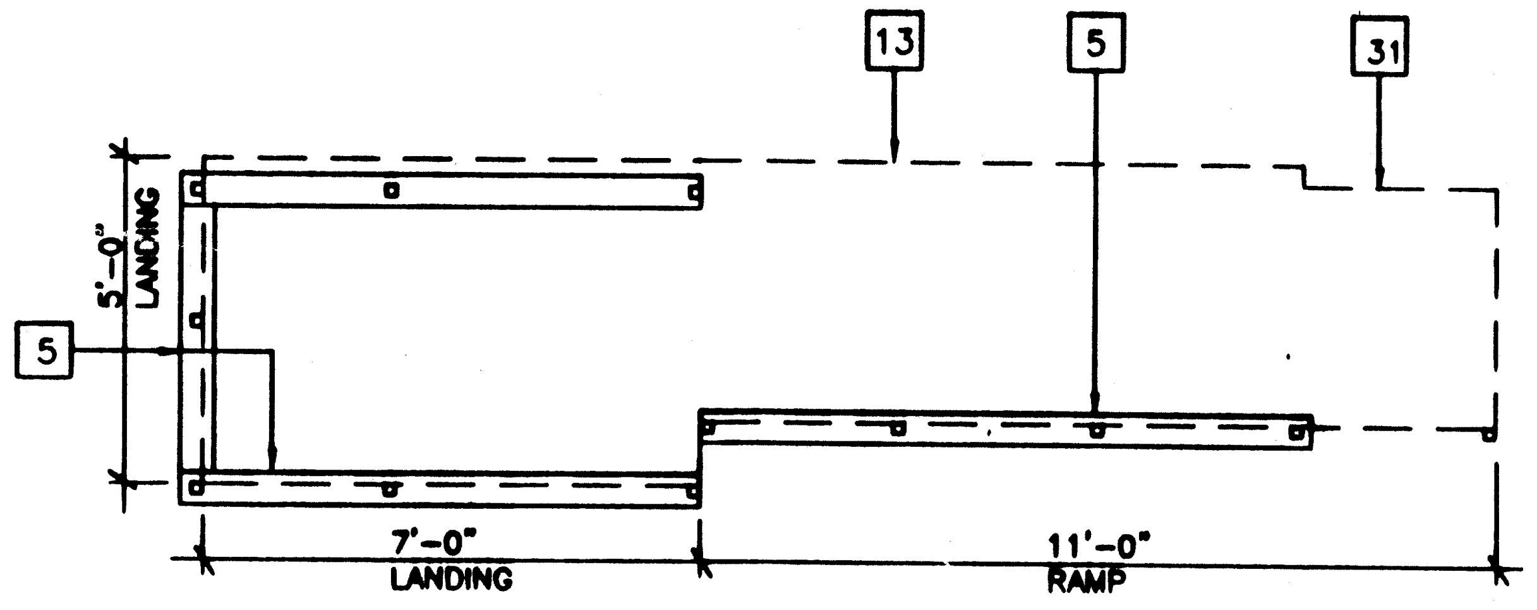
DATE: 09/15/2026



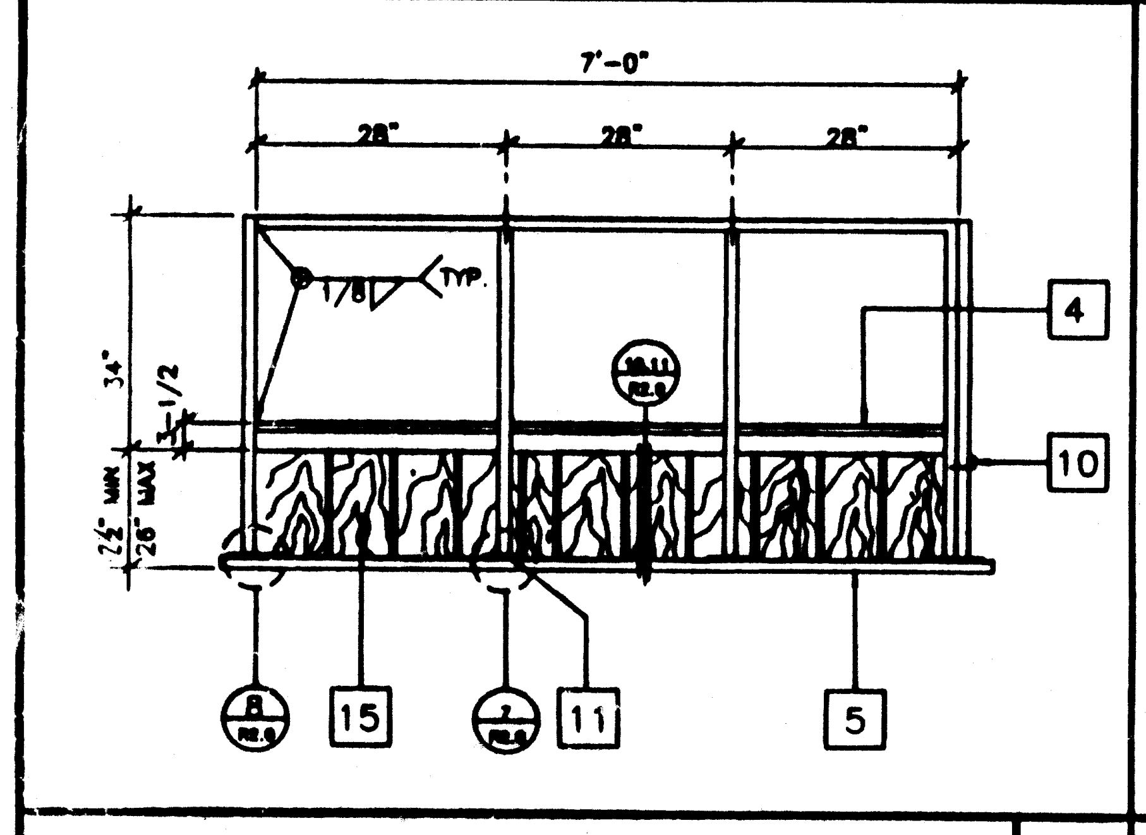
LANDING FRAME 12



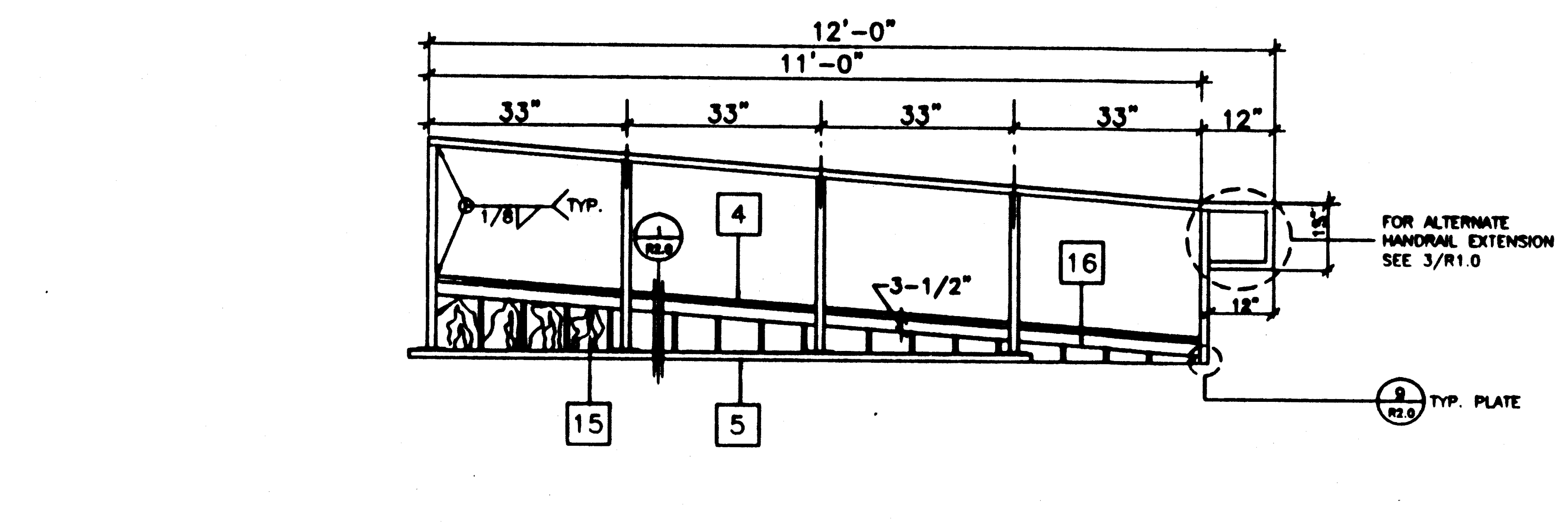
RAMP FRAME 7



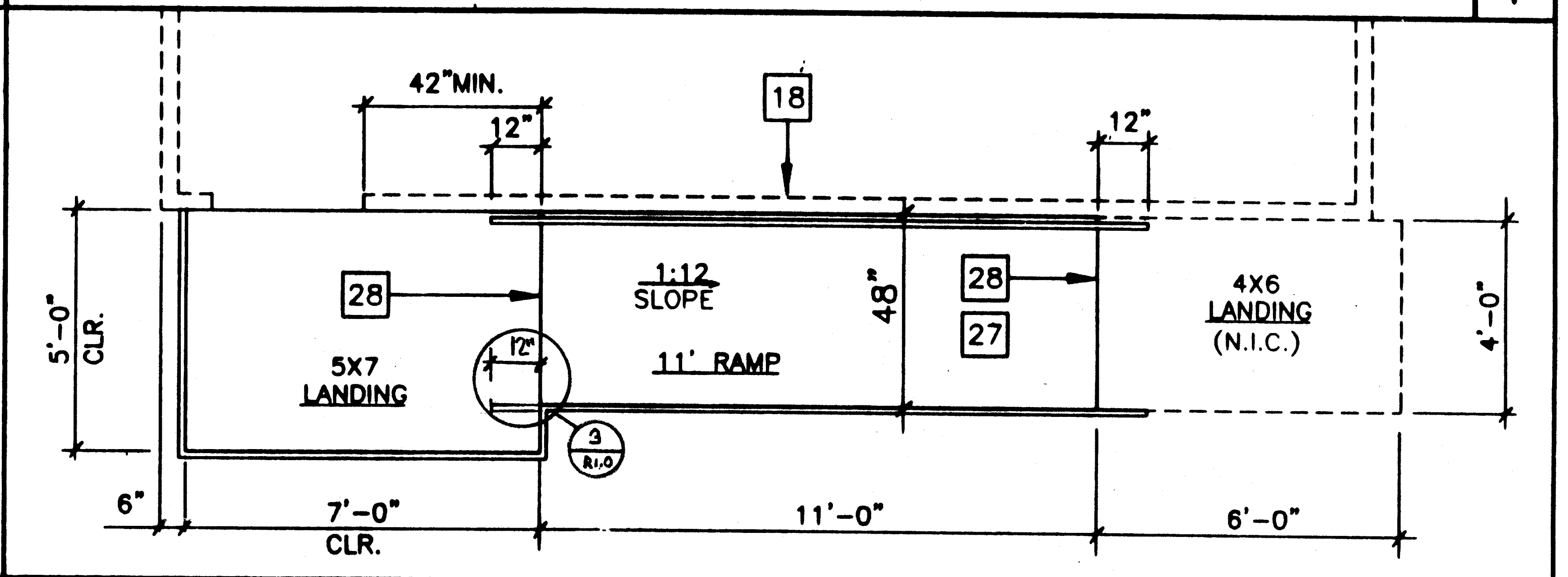
SILL PLAN FOR RAMP AND LANDING 3/8" 1



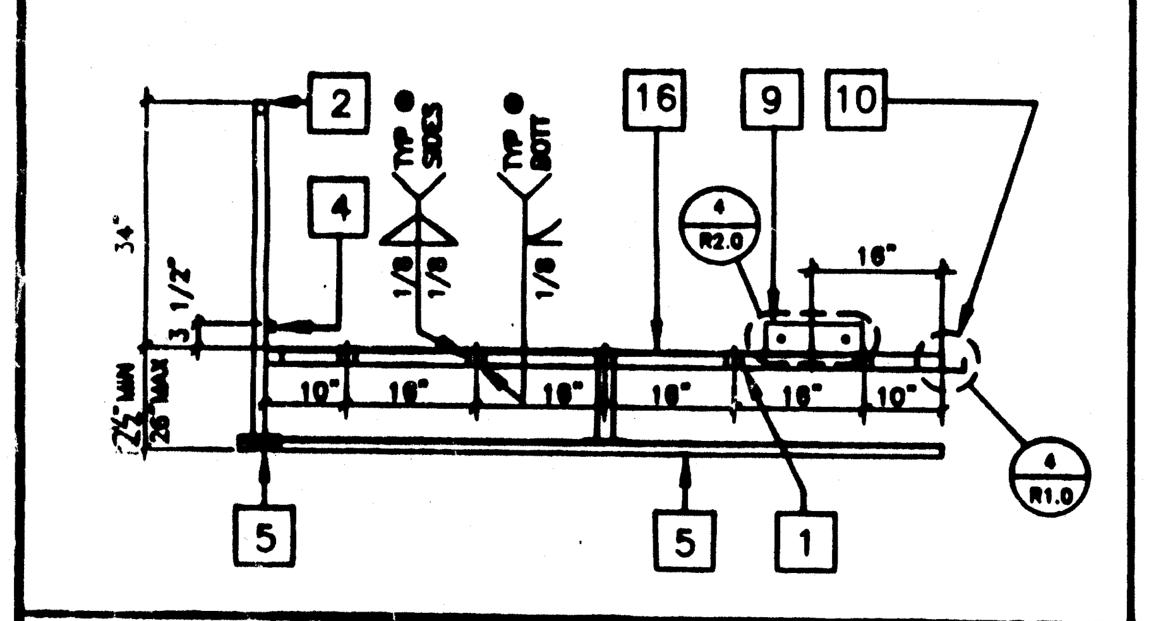
LANDING ELEVATION 13



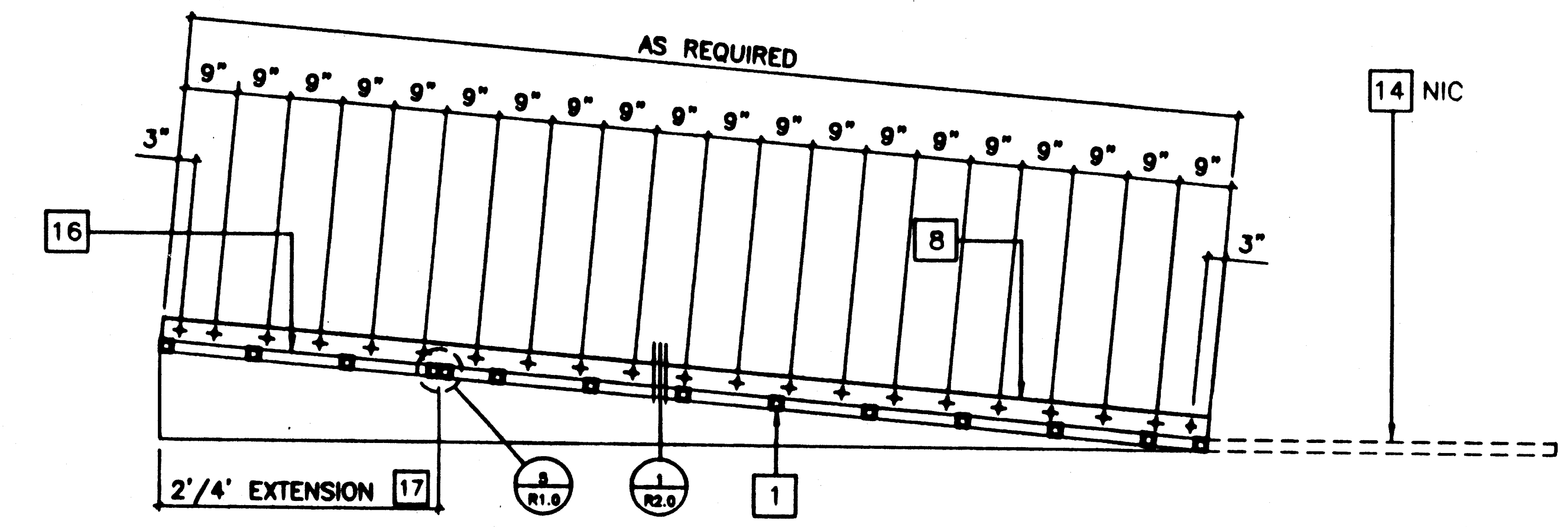
RAMP ELEVATION 8



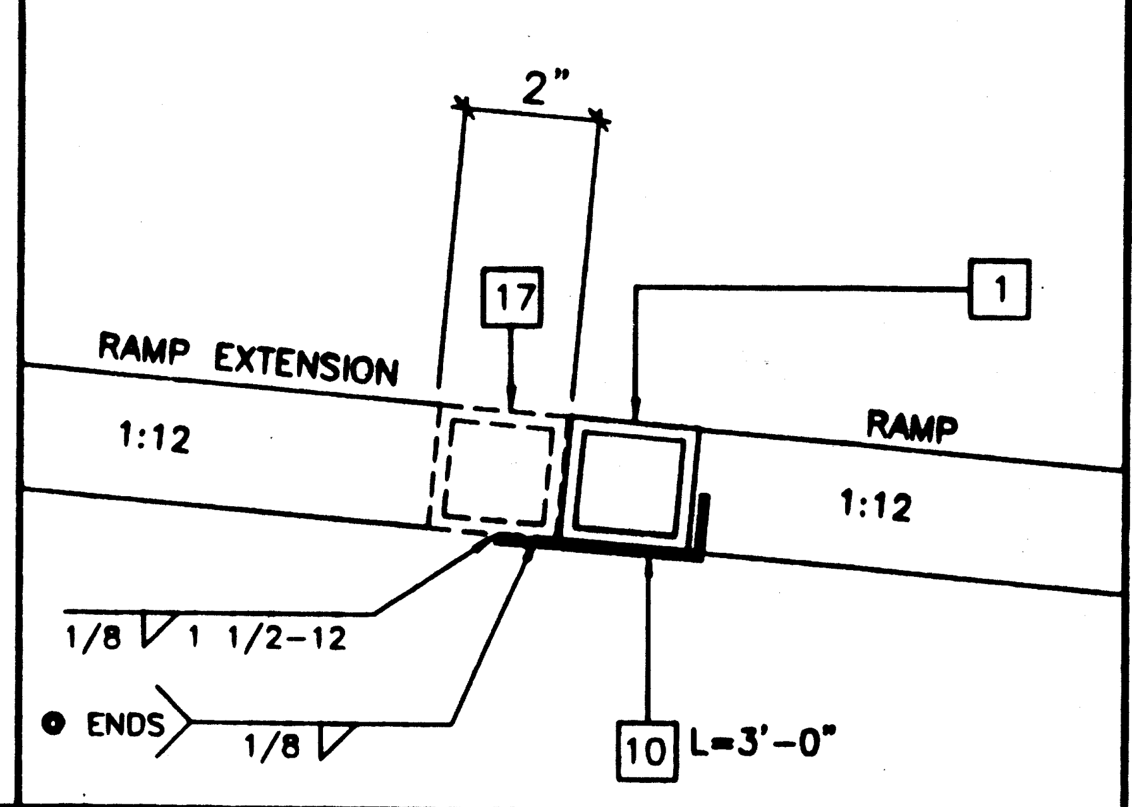
RAMP AND LANDING AT BUILDING 3/8" 2



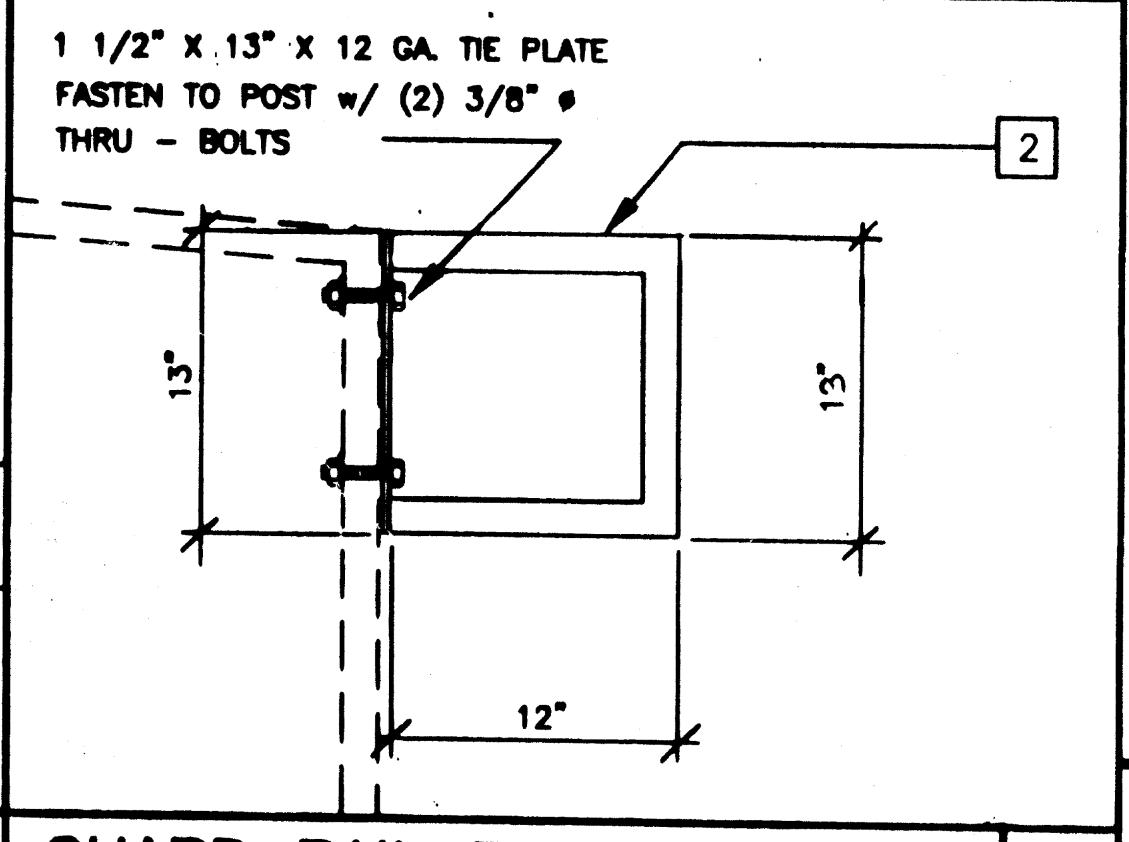
LONG. SECTION @ LANDING 14



LONGITUDINAL SECTION @ RAMP 9



RAMP EXTENSION TO RAMP 5


1 1/2" X 13" X 12 GA. TIE PLATE FASTEN TO POST w/ (2) 3/8" ø THRU - BOLTS
2
13"
13"
12"

GUARD RAIL EXTENSION 3

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~~AC FLS SS~~
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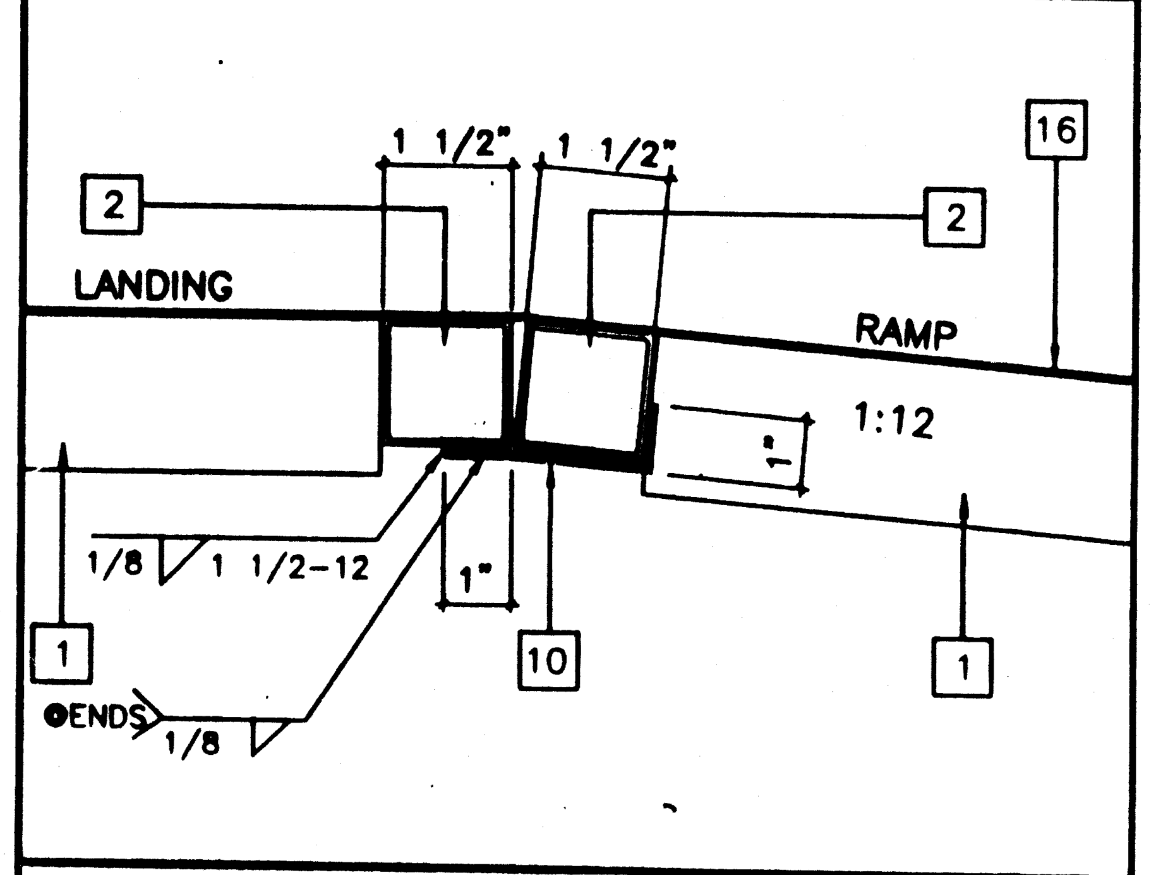

LANDING TO RAMP 4

KEY NOTES

1	TS 2" x 2" x 14ga
2	TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
4	TS 1" x 1" x 16ga WHEELCHAIR GUIDE
5	2 x 6 PT SILL PLATE
8	6" x 10ga CONT. PLATE W/ 1/4" X 2" TEK SCREWS @9"OC INTO WOOD OR FOUND. BLOCKS OR #14 x 2" TEK SCREWS INTO STEEL @ 9" OC
9	6" x 12" x 10ga PLATE W/2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
10	3" x 1" x 3'-0" x 10ga BENT PLATE
11	2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
12	6" x 10" x 12ga BASE PLATE @ RAMP TOE
13	LINE OF RAMP/LANDING ABOVE
14	LOWER LANDING BY DISTRICT
15	SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ 8d @ 6" OC EDGES AND 12"OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6"OC
16	12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
17	RAMP EXTENSION FRAME.
18	EXISTING BUILDING.
27	RAMP BY MODTECH
28	FLUSH TRANSITION
31	NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
35	TS 1" x 1" x 16ga

NOTES

1 RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"

2 HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT.

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 BLDG FRAME W/#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 MODTECH 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 MODTECH INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON SHEET R-1.

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

Structural Engineer's Seal
LICENSE EXPIRES 6-30-2000

Architects Seal
No. C 2556
REN. 9-30-99

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 266
AC FLS SS
DATE JAN 2 1 1998
REVISED

MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

Job Number: PC 266
2900
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4012-083
STKP-37
drawn by: FVH
date
checked by:
date
Modtech project no: 2765 2852 2854 2900 2818
Project #
PC 266
MODTECH Index No.
29-R1.0

RAMP / LANDING

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

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

MR-T-1	TITLE SHEET
MR-G-1	DSA 103 SPECIAL INSPECTIONS
MR-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~~
MR-R2.0	METAL RAMP DETAILS
MR-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. $q_3 = 20.4$
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#
ALLOWABLE 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 E7OXX 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.

SPARC DESIGN
3826 TANZANITE CT. PERRIS, CA 92570 | 951.293.4526
WWW.SPARCDESIGNGROUP.COM

JACK F. SHIVELY
NO. C-33467
REN: 01/31/2025

MODULAR STAMP

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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

DESCRIPTION: -
DATE: -
REV #:

SHEET TITLE
TITLE SHEET

SHEET #
MR-T-1

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	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.
Periodic – Indicates that a periodic special inspection is required	PI (Project Inspector) – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA.
Test – Indicates that a test is required	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

	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/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 (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.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	b. Magnetic Particle	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; AWS D1.1, AWS D1.8; DSA IR 17-2.
☐	c.	Test	LOR	

	S/A7. STEEL JOISTS AND TRUSSES:			
	Test or Special Inspection	Type	Performed By	Code References and Notes
☐	a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joist profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joist.	Continuous	SI	1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only. 1705A.2.4; AWS D1.3 for cold-formed steel trusses.

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/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

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.			

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: 03-126208 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 09/15/2026

SPARC DESIGN
3826 TANZANTIE CT. PERRIS, CA 92570
WWW.SPARCDESIGNGROUP.COM | 951.293.4526

JACK F. SHIVELY
NO. C-33467
REN: 01/31/2025

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APP: 04-123389 PC
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PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
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PROJECT INFORMATION:
Pre-Check (PC)
Metal Ramp
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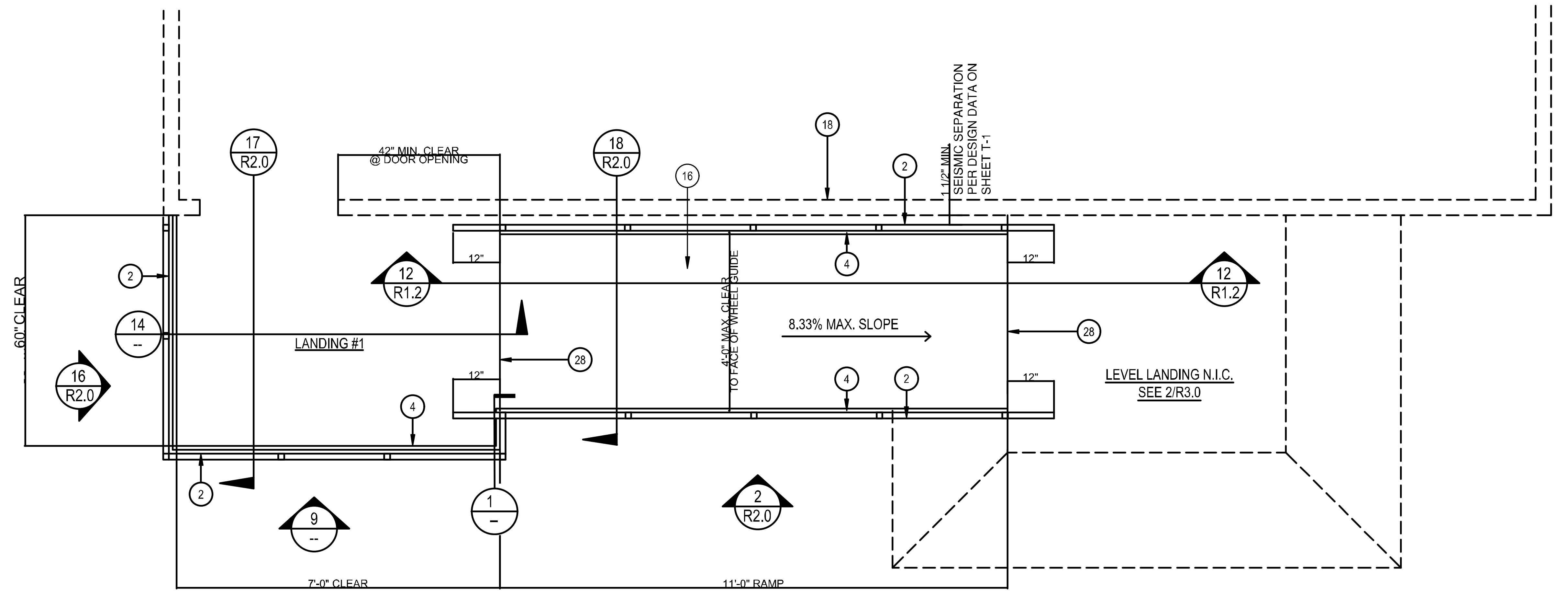
Landing
PRO FAB CONSTRUCTION INC
17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

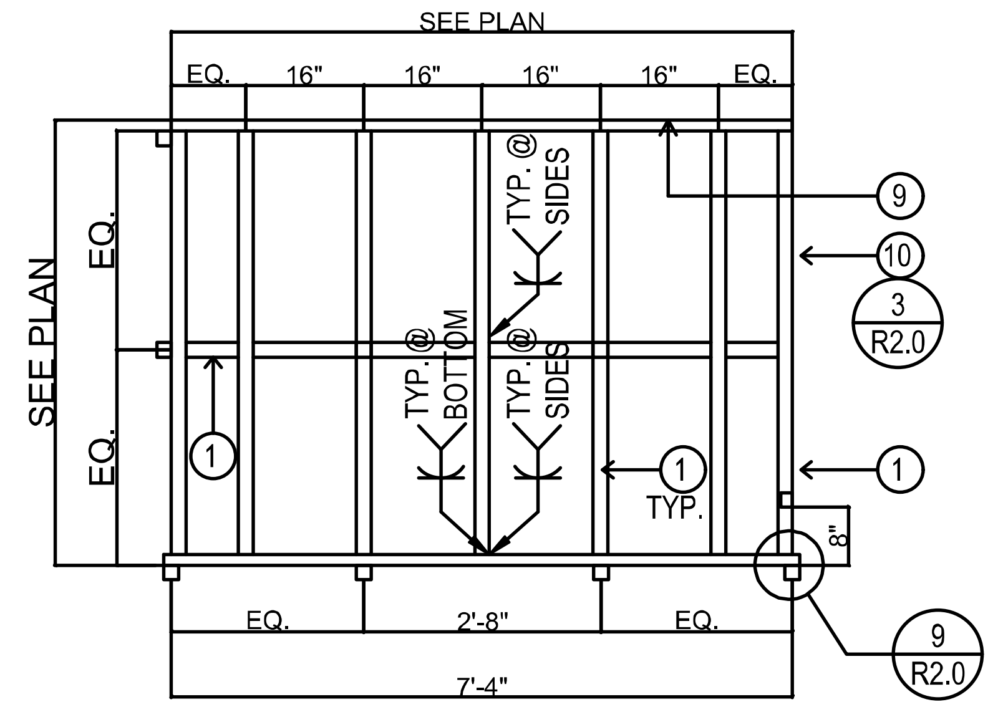
DESCRIPTION: -
DATE: -
REV #: △ △ △ △ △ △ △

SHEET TITLE: DSA 103
SPECIAL INSPECTIONS

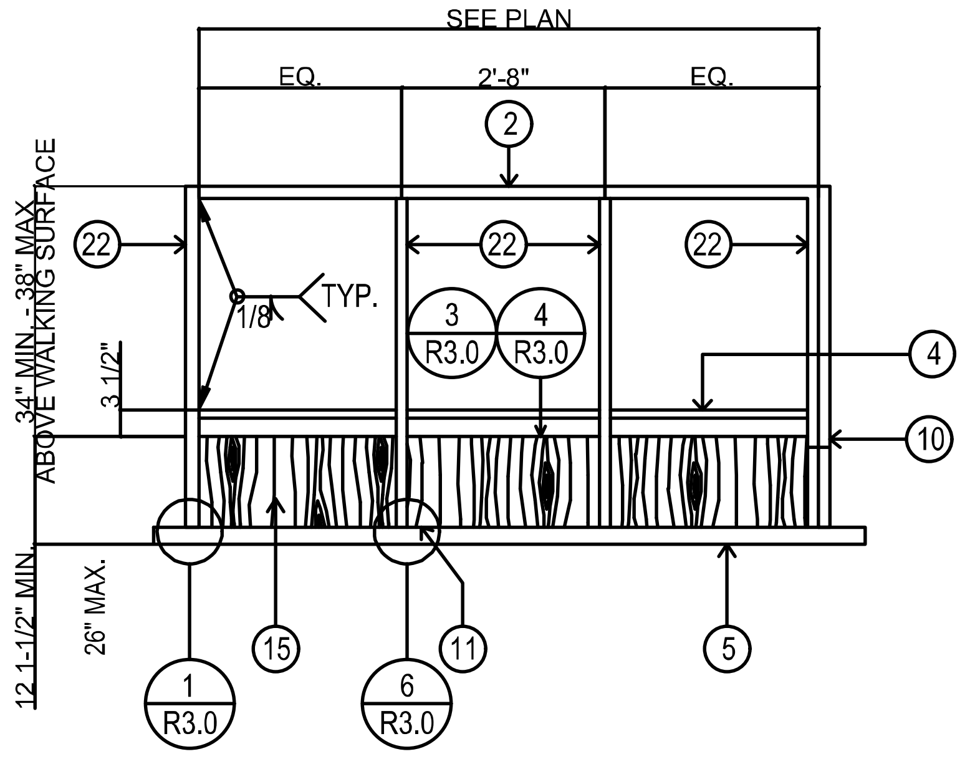
SHEET #: MR-G-1


42" MIN. CLEAR @ DOOR OPENING
17 R2.0
18 R2.0
16
18
2
1 1/2" MIN. SEISMIC SEPARATION PER DESIGN DATA ON SHEET T-1
60" CLEAR
2
12"
12 R1.2
4
12"
12 R1.2
14 --
LANDING #1
4'-0" MAX CLEAR TO FACE OF WHEEL GUIDE
8.33% MAX. SLOPE
28
28
16 R2.0
12"
4
2
12"
LEVEL LANDING N.I.C. SEE 2/R3.0
4
2
9 --
1 --
2 R2.0
7'-0" CLEAR
11'-0" RAMP

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.

⑩ 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

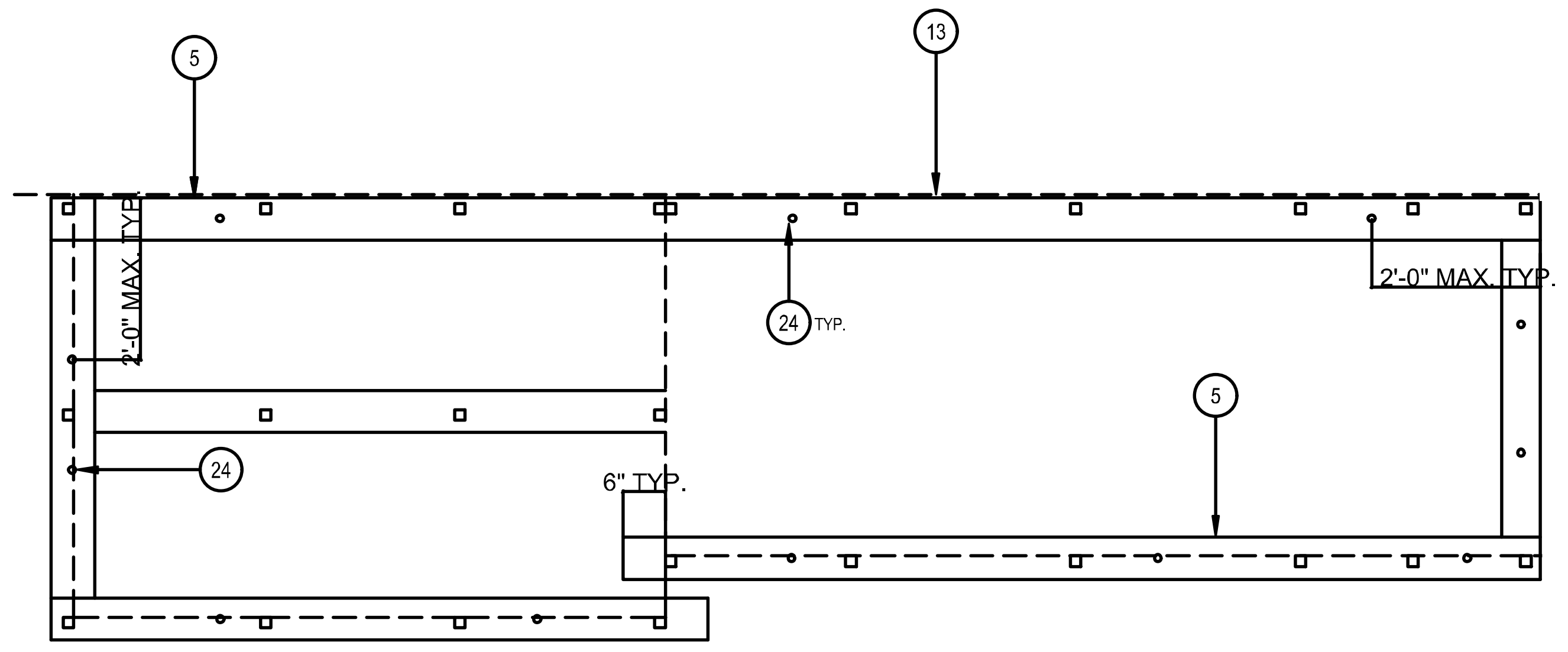
㉔ 1" DIA. HOT DIPPED GALVANIZED STD. PIPE ANCHOR @ 10'-0" MAX. O.C. AND 2'-0" MAX. FROM END OF SILL PLATE, TYP.

㉕ NOT USED.

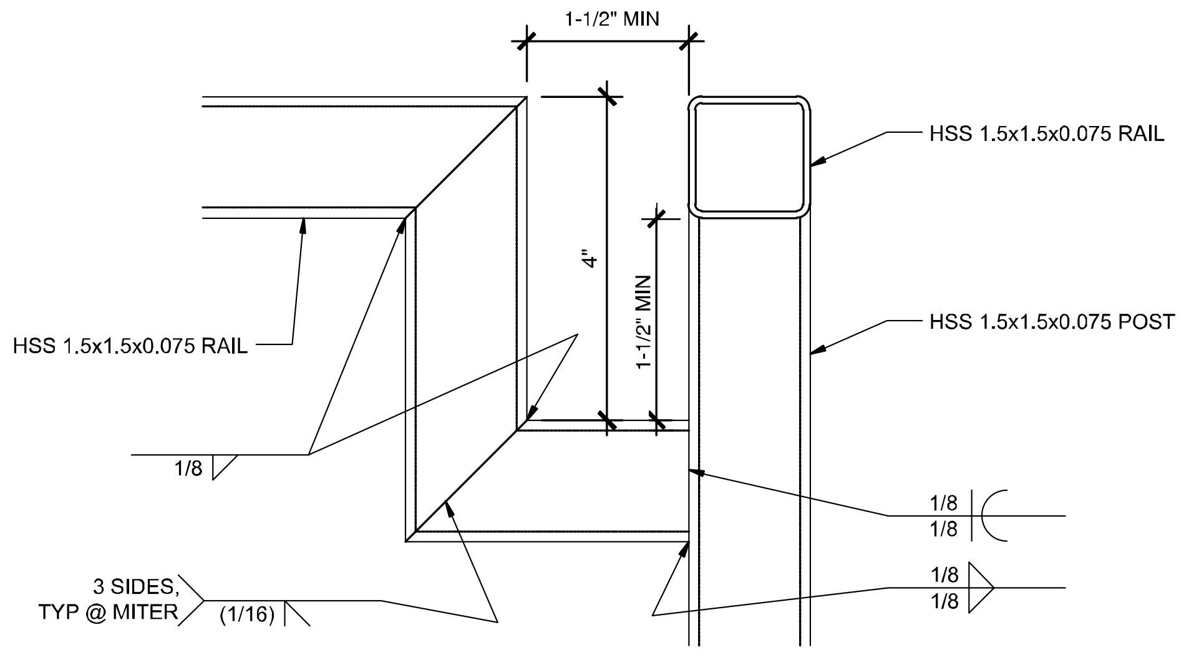
㉖ NOT USED.

㉗ NOT USED.

㉘ FLUSH TRANSITION. 11/R3.0

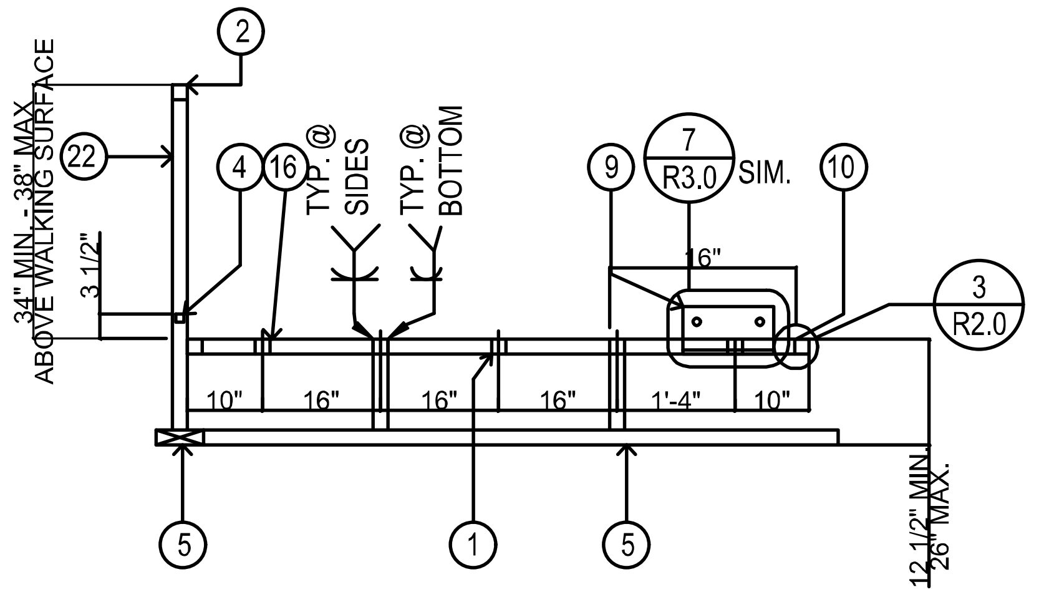


SILL PLAN FOR RAMP AND LANDING
1/2" | 16

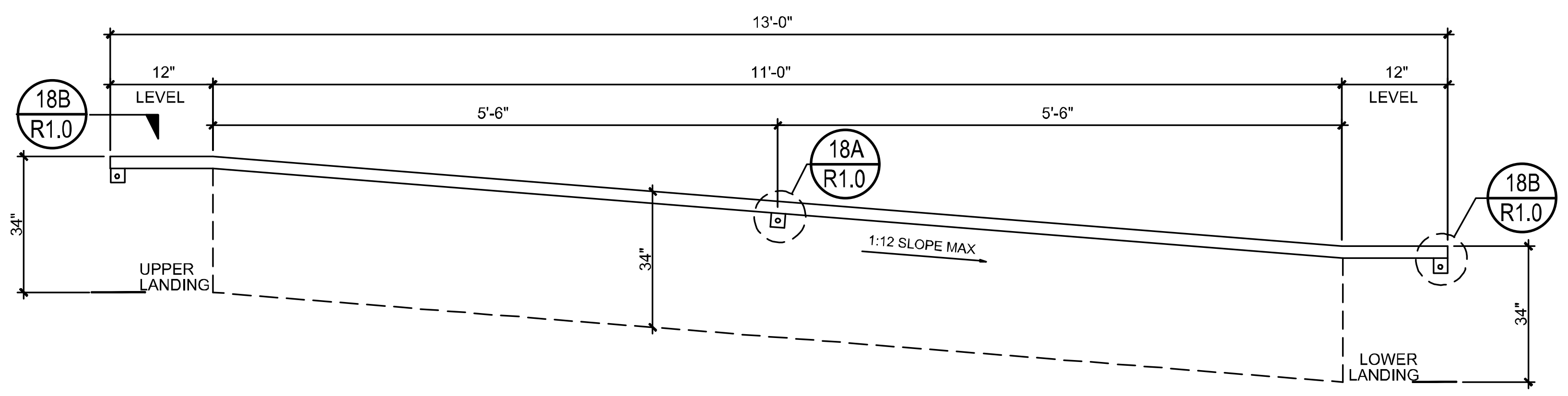


NOTE:
11B-505.6 GRIPPING SURFACE. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES.

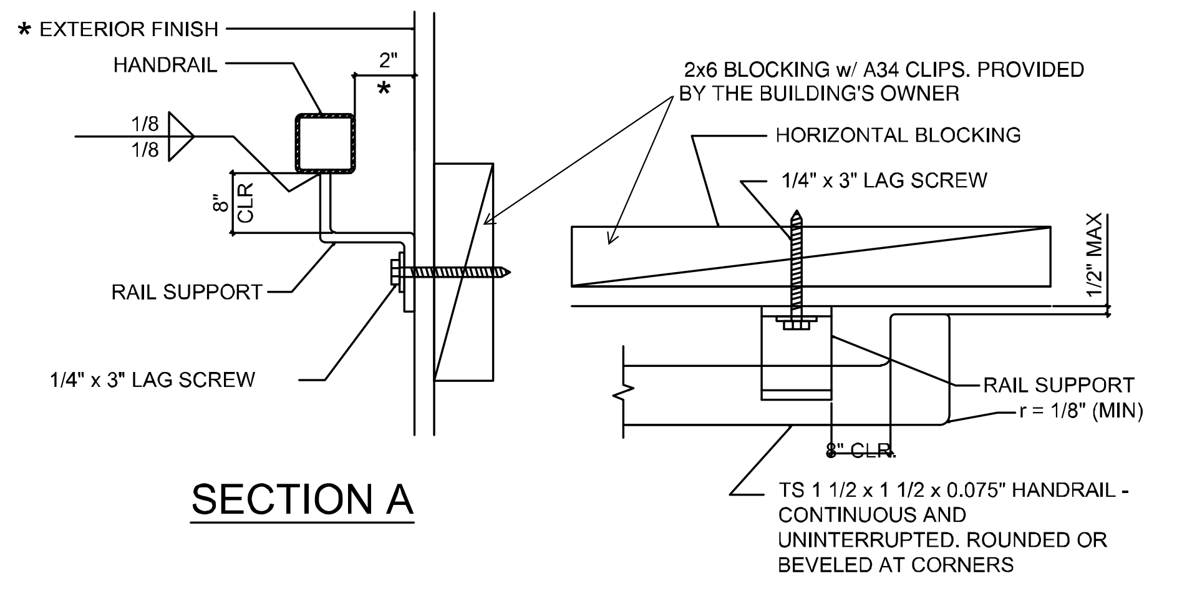
RAIL NOTCH DETAIL
1



LONG. SECT @ LANDING
1/2" | 14



OPTIONAL HANDRAIL @ BUILDING
3/4" | 17


* EXTERIOR FINISH
HANDRAIL
2"
*
1/8
1/8
8" CLR
RAIL SUPPORT
1/4" x 3" LAG SCREW
2x6 BLOCKING w/ A34 CLIPS. PROVIDED BY THE BUILDING'S OWNER
HORIZONTAL BLOCKING
1/4" x 3" LAG SCREW
1/2" MAX
RAIL SUPPORT
r = 1/8" (MIN)
8" CLR.
TS 1 1/2 x 1 1/2 x 0.075" HANDRAIL - CONTINUOUS AND UNINTERRUPTED. ROUNDED OR BEVELED AT CORNERS

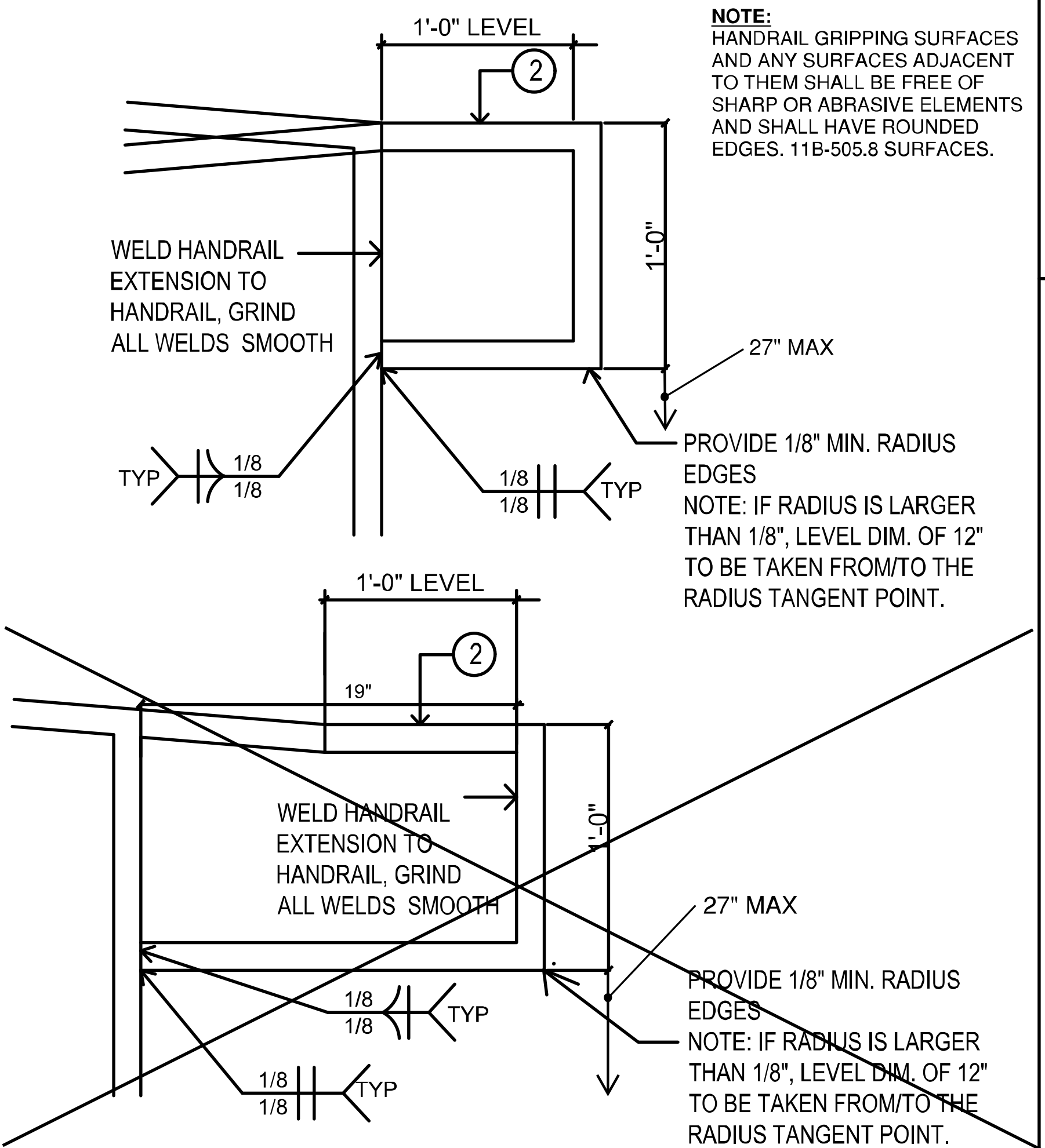
SECTION A

SECTION B

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

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.


1'-0" LEVEL
2
WELD HANDRAIL EXTENSION TO HANDRAIL, GRIND ALL WELDS SMOOTH
1'-0"
27" MAX
TYP
1/8
1/8
1/8
1/8
TYP
PROVIDE 1/8" MIN. RADIUS EDGES
NOTE: IF RADIUS IS LARGER THAN 1/8", LEVEL DIM. OF 12" TO BE TAKEN FROM/TO THE RADIUS TANGENT POINT.
1'-0" LEVEL
2
19"
WELD HANDRAIL EXTENSION TO HANDRAIL, GRIND ALL WELDS SMOOTH
1'-0"
27" MAX
1/8
1/8
TYP
1/8
1/8
TYP
PROVIDE 1/8" MIN. RADIUS EDGES
NOTE: IF RADIUS IS LARGER THAN 1/8", LEVEL DIM. OF 12" TO BE TAKEN FROM/TO THE RADIUS TANGENT POINT.

GUARD RAIL EXTENSION
1-1/2" | 19

APPROVALS

IDENTIFICATION STAMP
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APP: 03-126208 INC:
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DATE: 09/15/2026

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3826 TANZANTIE CT. PERRIS, CA 92570
WWW.SPARCDESIGNGROUP.COM | 951.293.4526

JACK F. SHIVELY
NO. C-33467
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~~SS ☑ FLS ☑ ACS ☑ CG ☐~~
~~DATE: 05/22/2024~~

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

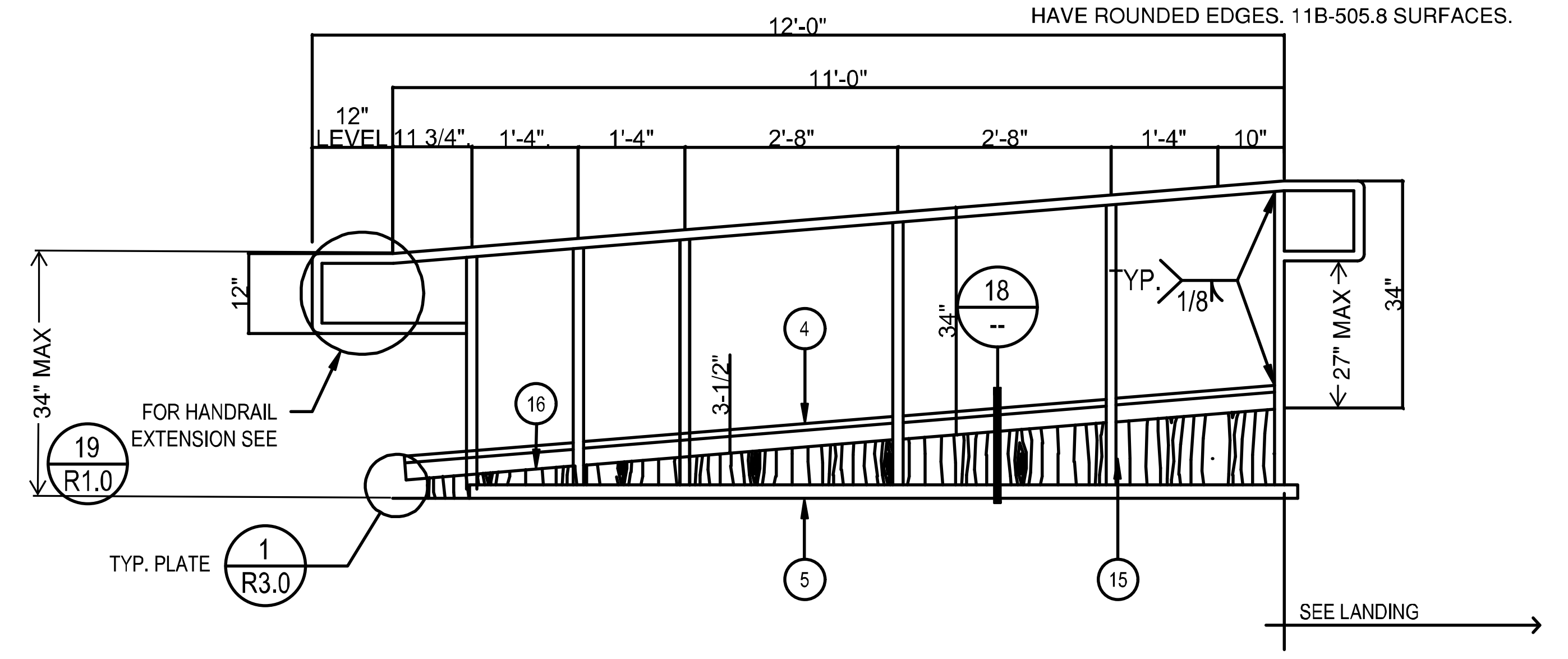
PROJECT INFORMATION:
Pre-Check (PC)
Metal Ramp
and
Landing
PRO FAB CONSTRUCTION INC
17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

REV #:	DATE:	DESCRIPTION:
△	-	-
△		
△		
△		
△		
△		
△		

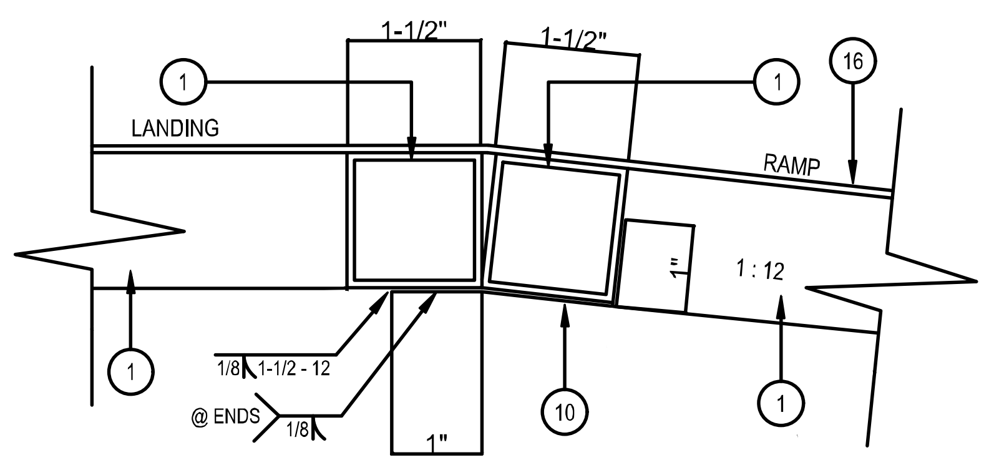
SHEET TITLE
METAL RAMP AND LANDING
PLANS AND DETAILS

SHEET #: MR-R1.0

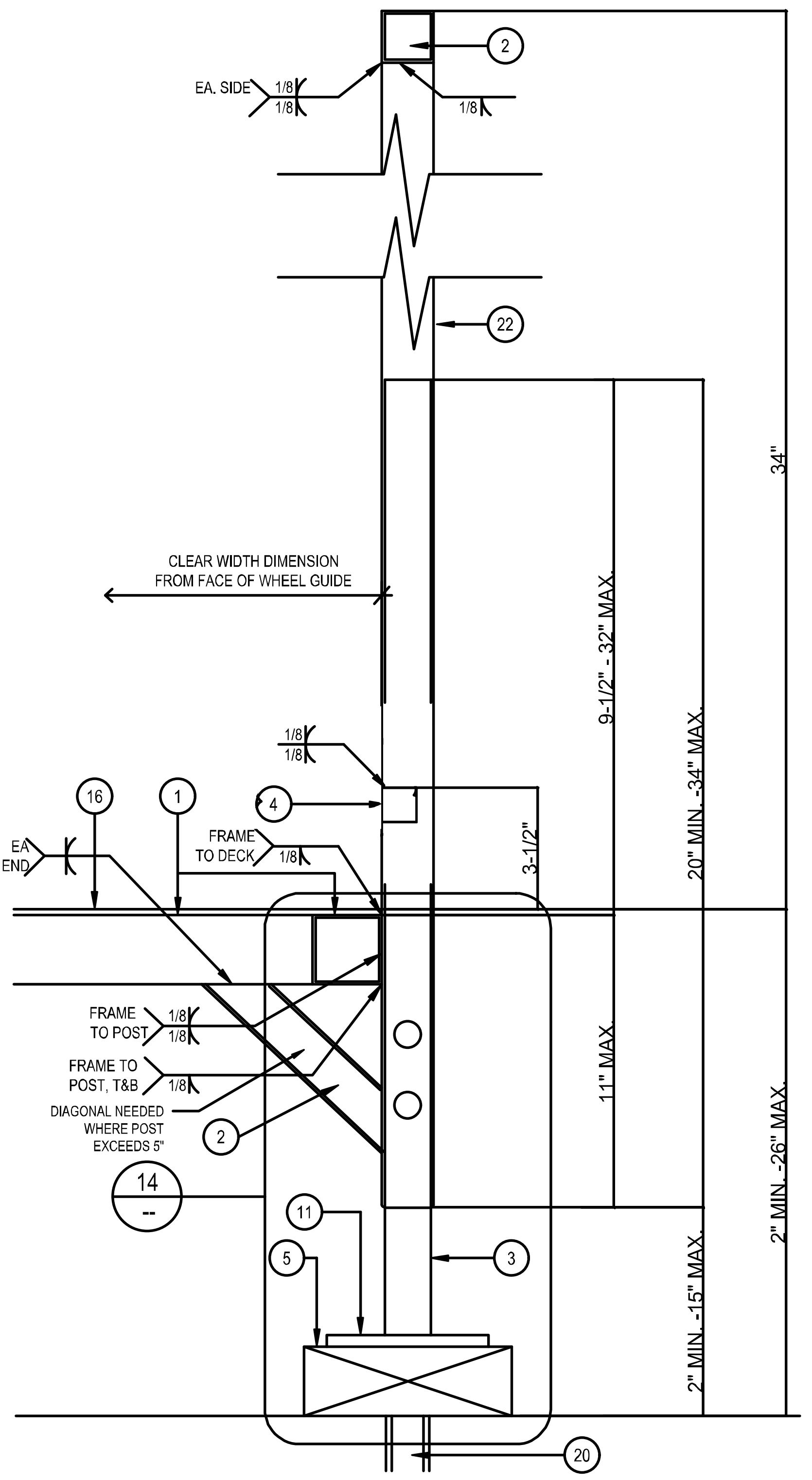
NOTE:
HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES. 11B-505.8 SURFACES.



RAMP ELEVATION 1/2" 2



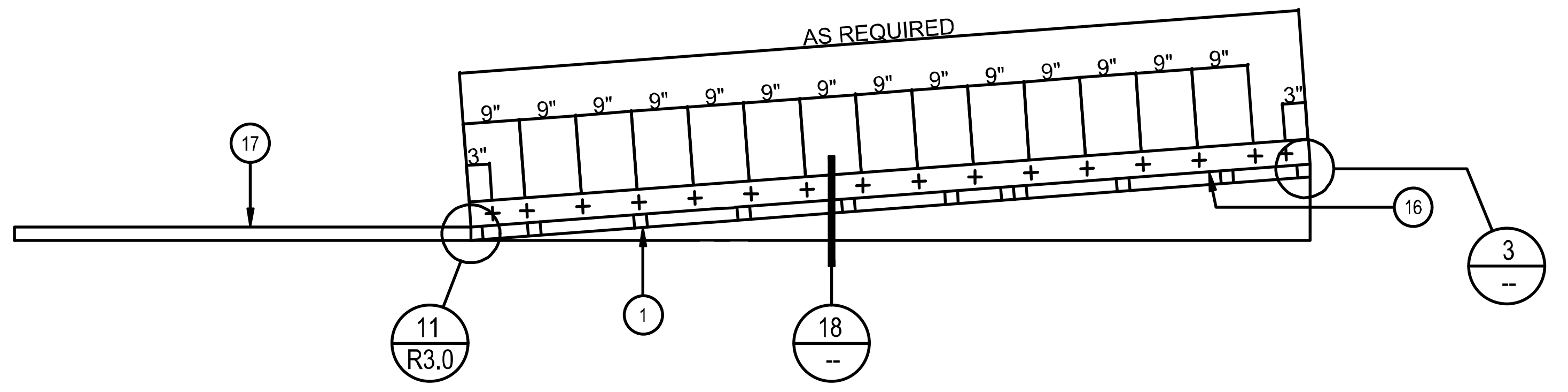
LANDING TO RAMP 6" 3



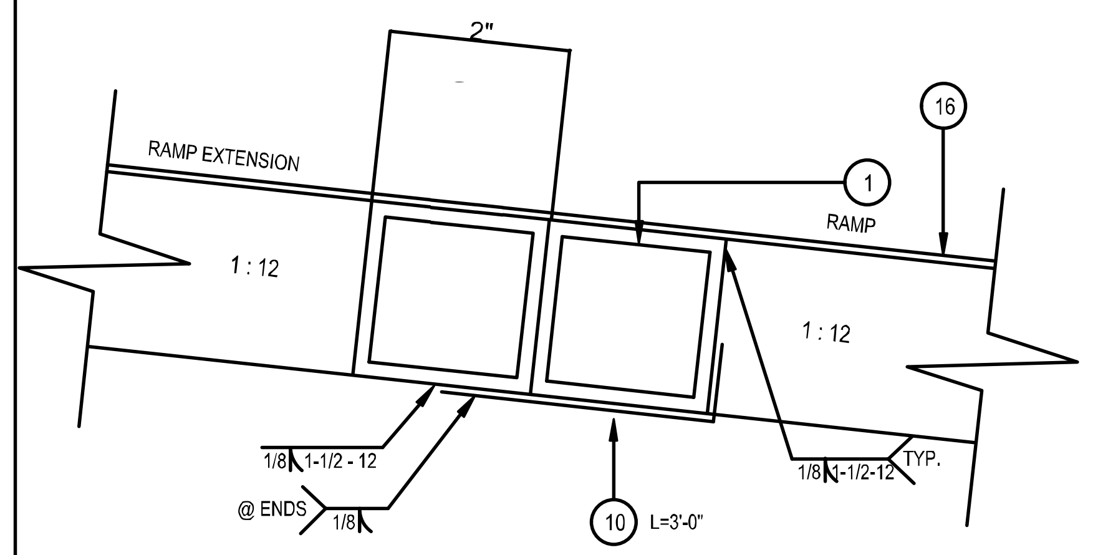
ADJUSTABLE LEG 3" 9

KEY NOTES

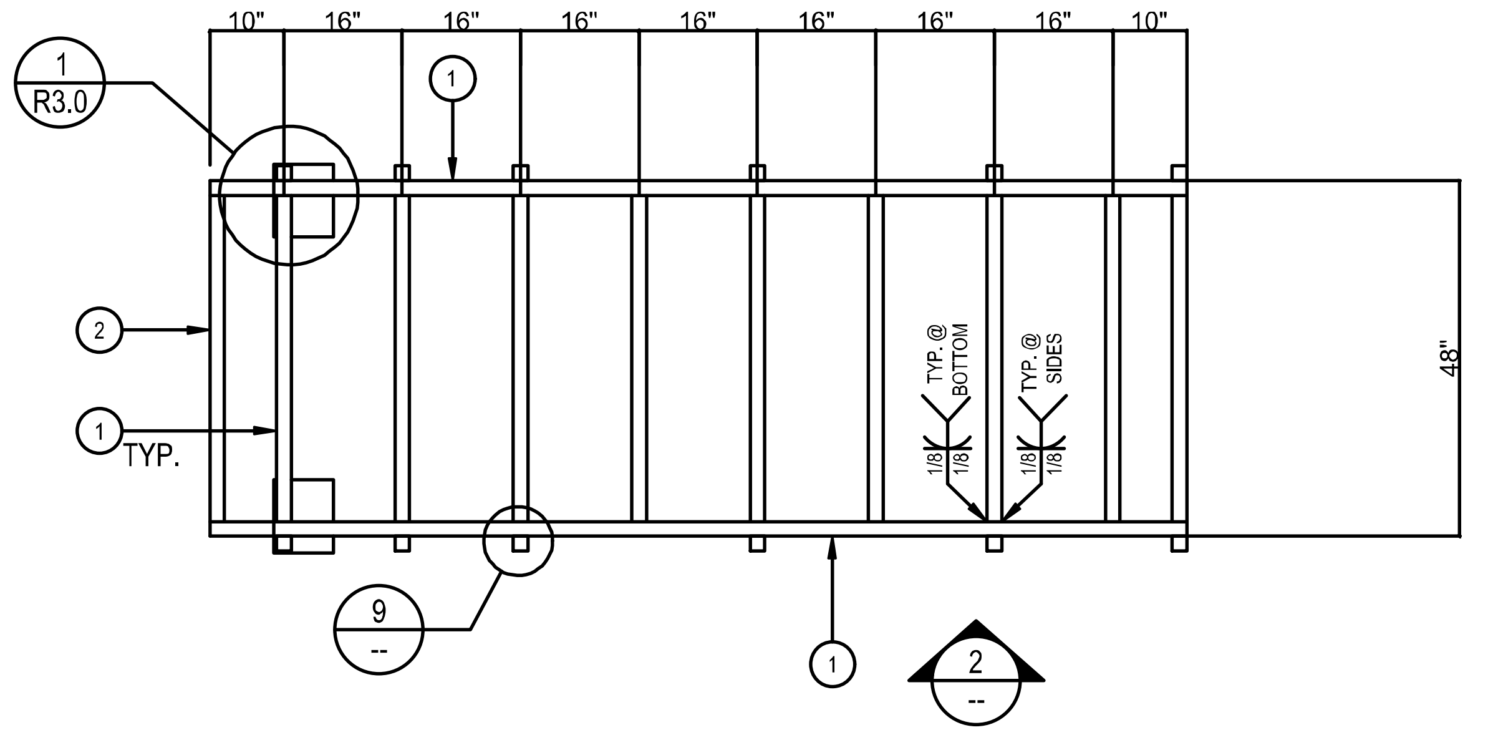
1. TS 2" X 2" X16 ga (SPACING AS NOTED ON PLAN)
2. TS 1-1/2" X 1-1/2" X 12 ga. DIAGONAL BRACE @ 1:1 SLOPE
3. TS 1-1/4" X 1-1/4" X 12 ga.
4. TS 1-1/2" X 1-1/2" X 12 ga. WHEEL CHAIR GUIDE
5. 2 X 6 PT SILL PLATE.
6. 2 X 2 NAILER WITH 16d @ 12" O.C.
7. NOT USED
8. NOT USED.
9. NOT USED
10. 3" X 1" X 3'-0" 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.



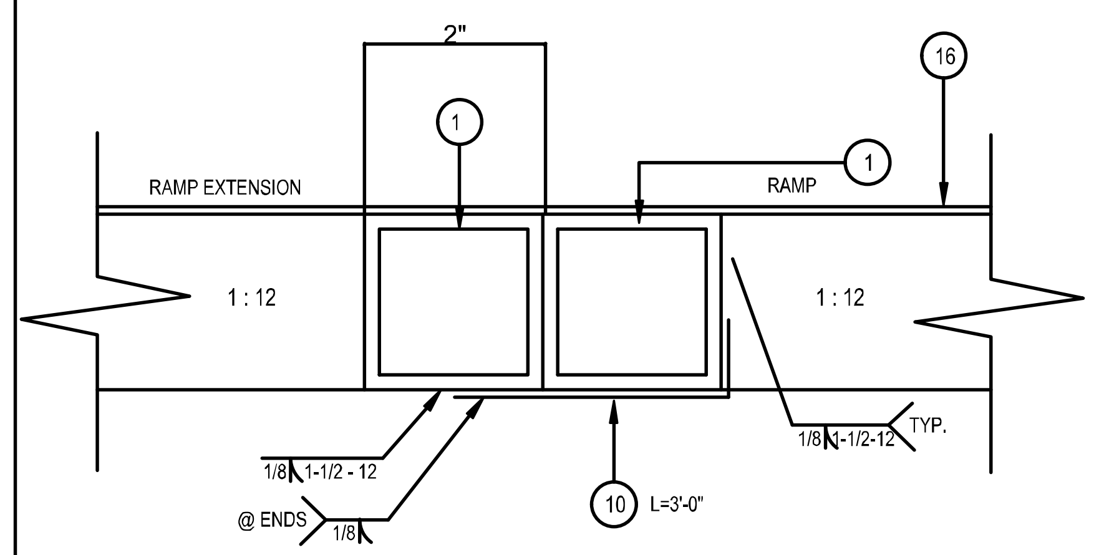
LONGITUDINAL SECTION @ RAMP 1/2" 7



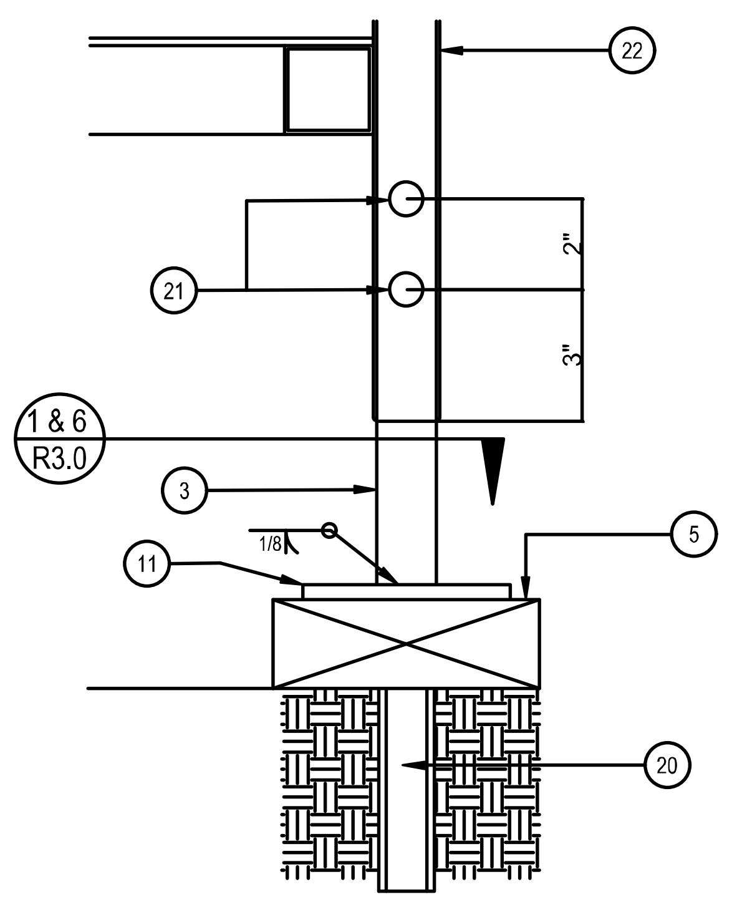
RAMP EXTENSION TO RAMP 6" 8



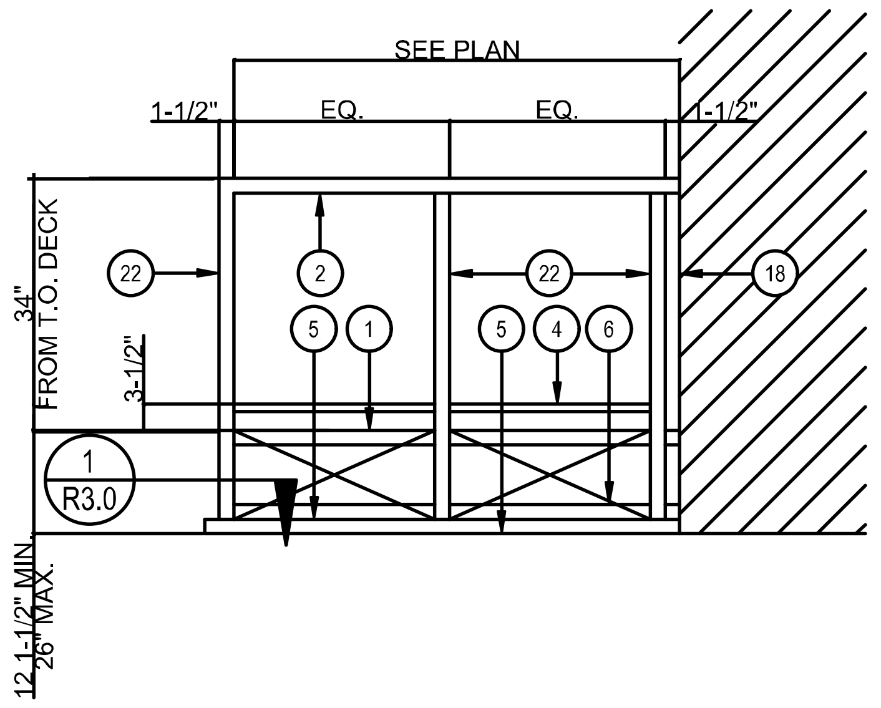
RAMP FRAME 1/2" 12



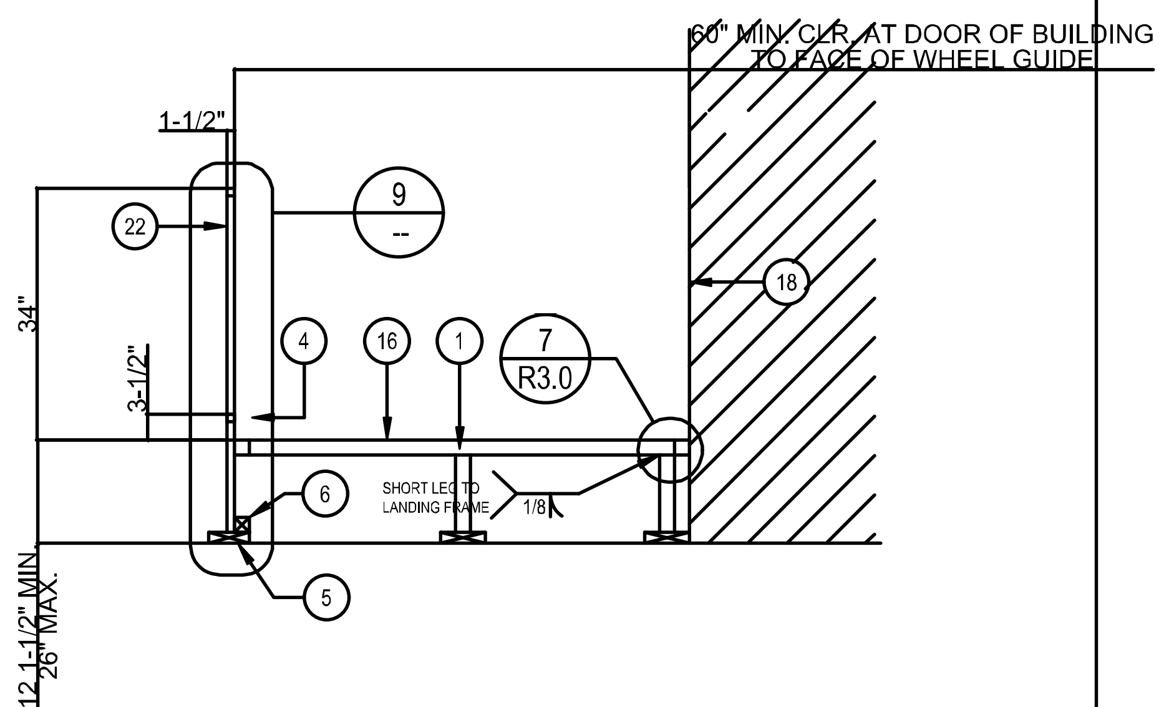
LANDING TO LANDING DECK 6" 13



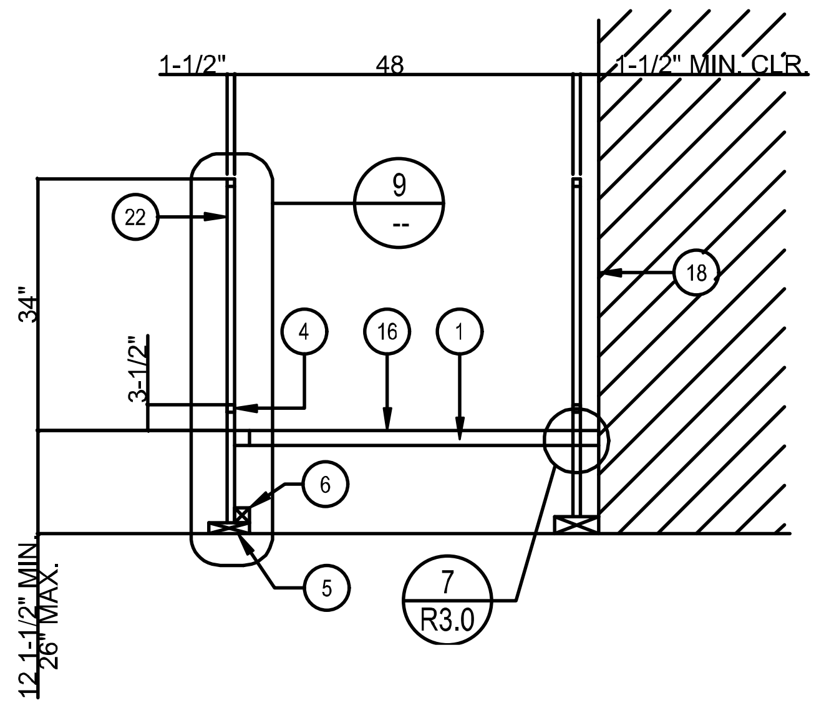
ADJUSTABLE LEG 3" 14



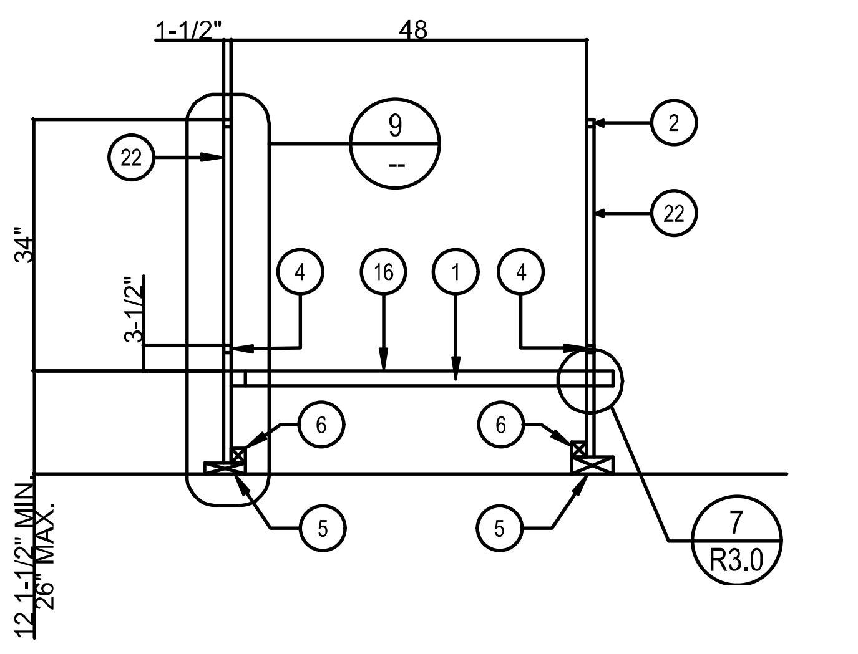
END ELEVATION 1/2" 16


60" MIN. CLR. AT DOOR OF BUILDING TO FACE OF WHEEL GUIDE
1-1/2"
22
9 --
18
34"
3-1/2"
4
16
1
7 R3.0
6
SHORT LEG TO LANDING FRAME 1/8
5
12 1-1/2" MIN 26" MAX.

SECTION AT LANDING 1/2" 17



SECTION AT RAMP 1/2" 18



SECTION AT RAMP 1/2" 19

APPROVALS

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APP: 03-126208 INC:
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DATE: 09/15/2026

SPARC DESIGN
3826 TANZANTIE CT. PERRIS, CA 92570
WWW.SPARCDESIGNGROUP.COM | 951.293.4526

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and
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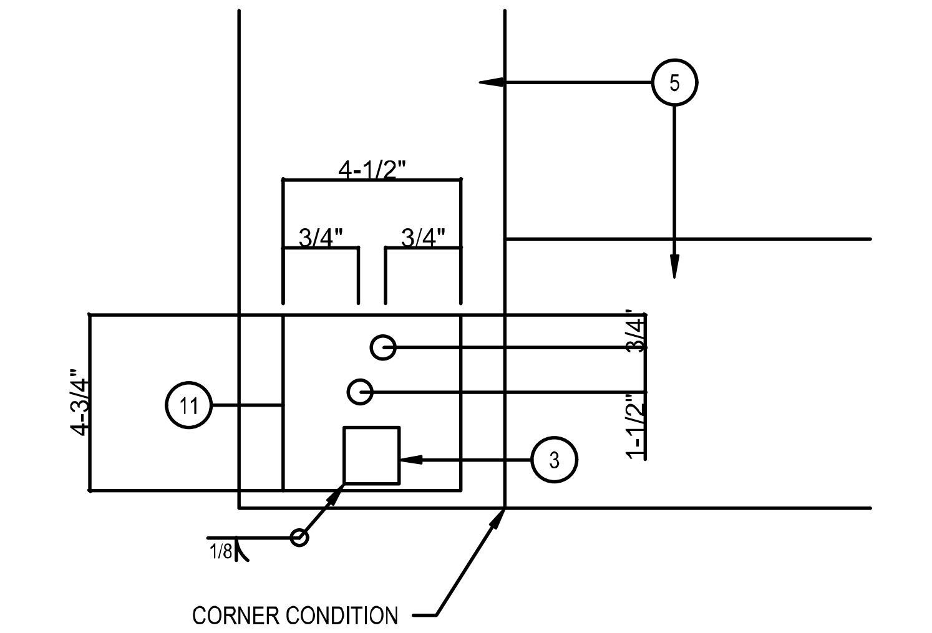
PRO-FAB CONSTRUCTION INC
17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

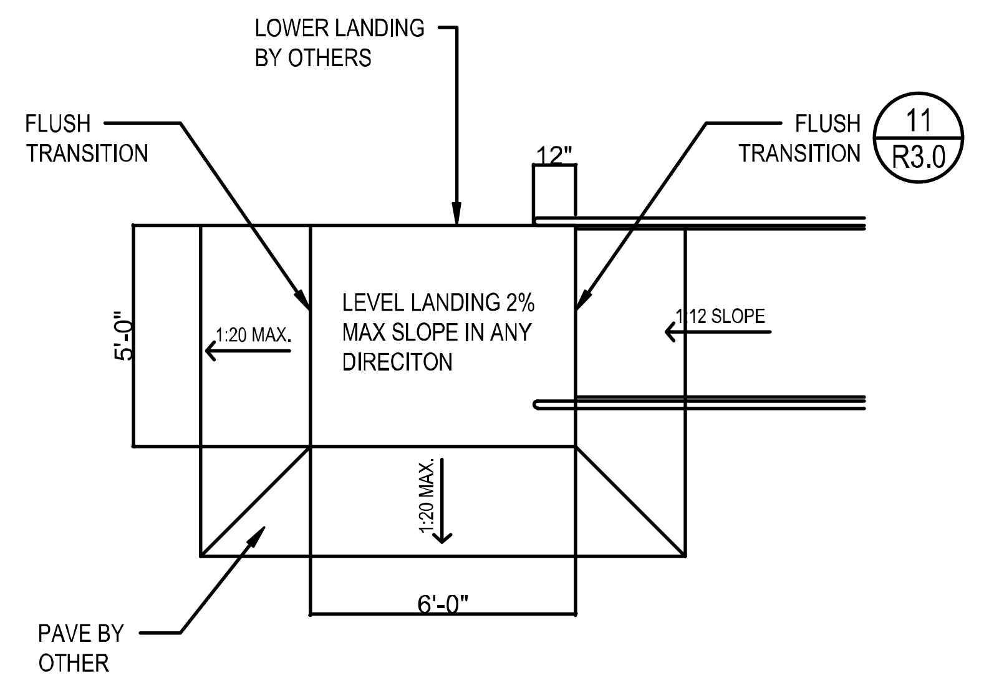
DESCRIPTION: -
DATE: -
REV #:

SHEET TITLE
METAL RAMP DETAILS

SHEET #:
MR-R2.0

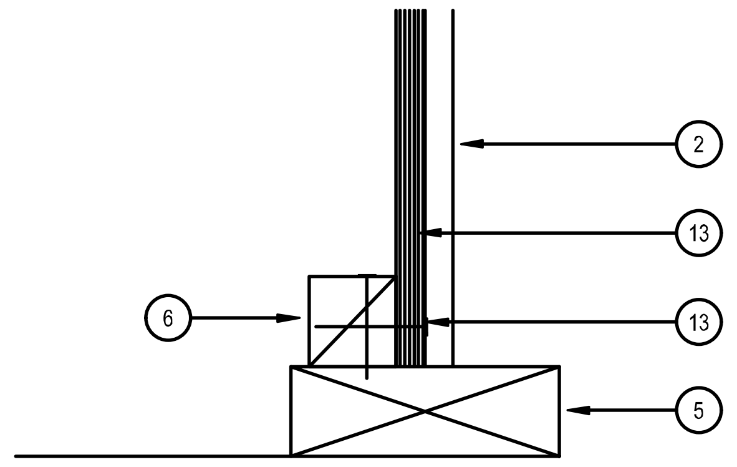


ADJUSTABLE LEG BASE PLATE | 3" | 1

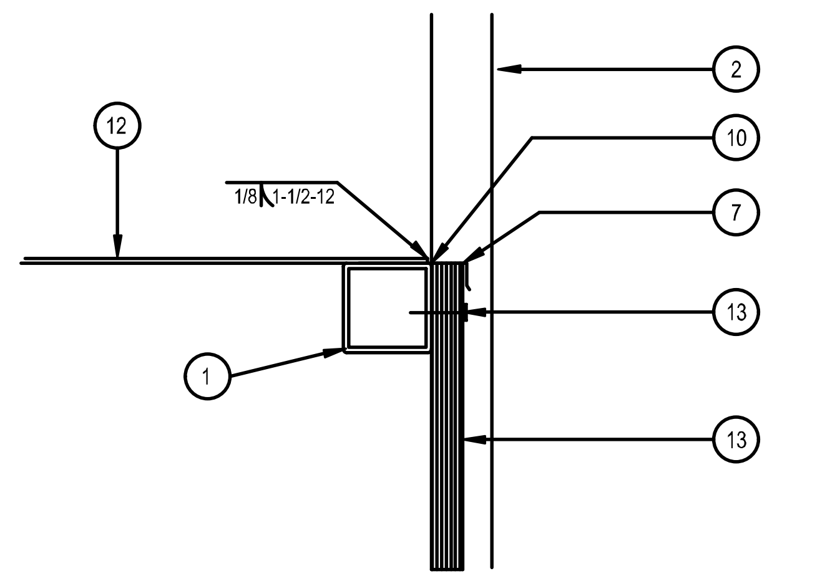


NOTE:
1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAILS.
TRANSITIONS EXCEEDING 1:20 BUT NOT TO EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY OTHER.

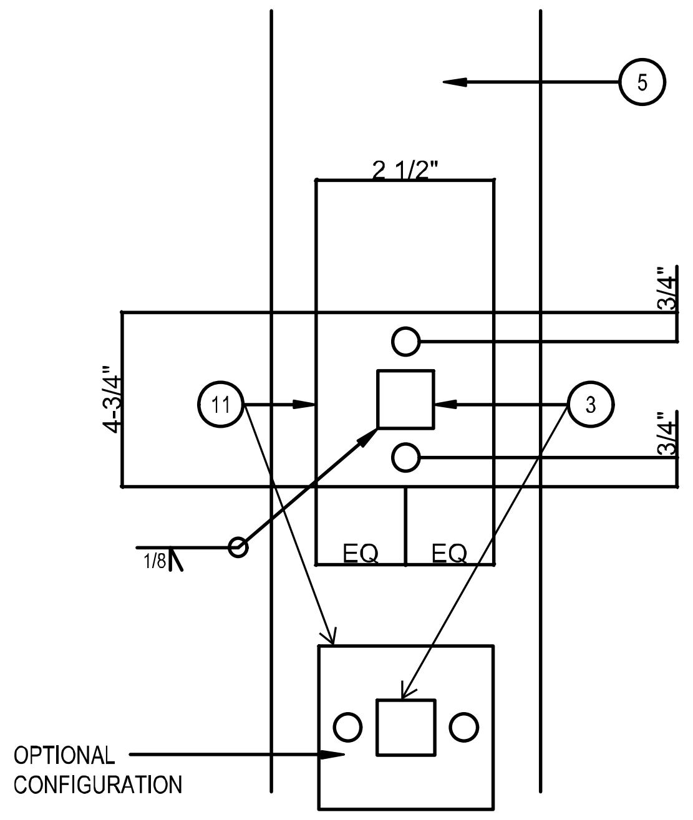
RAMP TRANSITION | 1/4" | 2



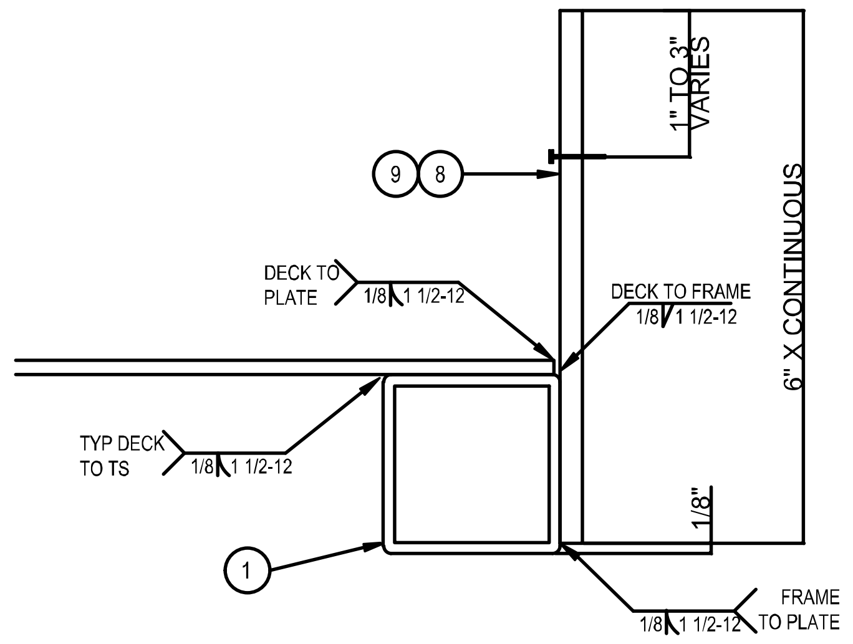
SKIRT @ SILL PLATE | 3" | 3



SKIRT FLASHING | 3" | 4

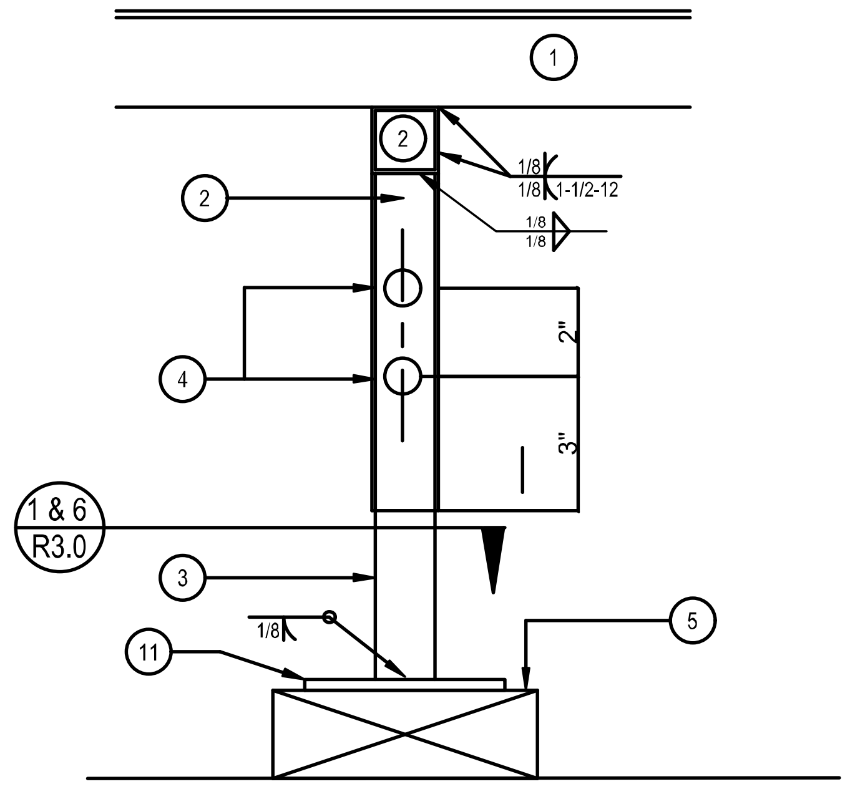


ADJUSTABLE LEG BASE PLATE | 3" | 6

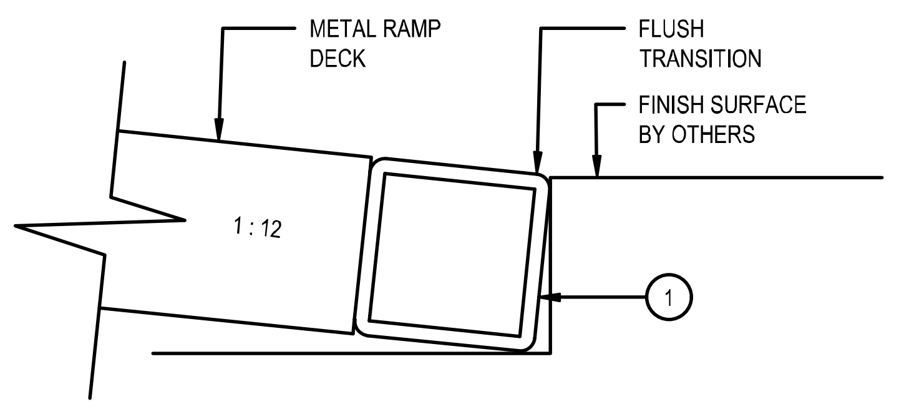

1" TO 3" VARIES
9
8
DECK TO PLATE 1/8 1 1/2-12
DECK TO FRAME 1/8 1 1/2-12
6" X CONTINUOUS
TYP DECK TO TS 1/8 1 1/2-12
1/8"
1
FRAME TO PLATE 1/8 1 1/2-12

SECTION AT PLATE | 6" | 7

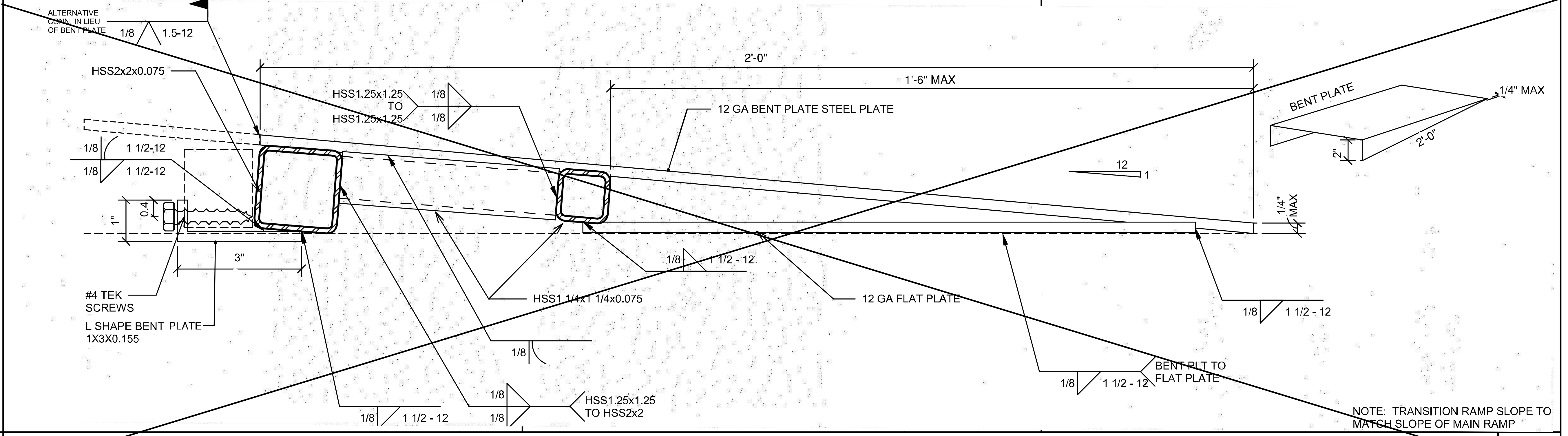
8



ADJUSTABLE LEG | 9



FLUSH TRANSITION AT LANDING | 6" | 11



NOTE: TRANSITION RAMP SLOPE TO MATCH SLOPE OF MAIN RAMP

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

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DATE: 09/15/2026

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17907 Taylor Avenue, Bloomington, CA 92316
Ph. (909) 873-9974

DESCRIPTION: -
DATE: -
REV #: △ △ △ △ △ △ △

SHEET TITLE
METAL RAMP DETAILS

SHEET #:
MR-R3.0