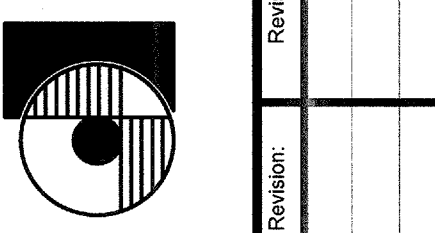


4 RELOCATABLE CLASSROOMS & 1 TOILET BLDG WASHINGTON MIDDLE SCHOOL BAKERSFIELD CITY SCHOOL DISTRICT 1101 NOBLE AVE. BAKERSFIELD, CA 93305

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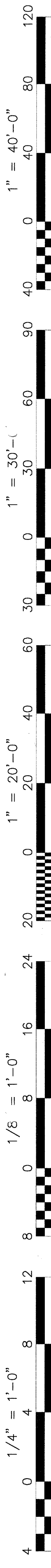
TITLE SHEET
PROJECT NAME & ADDRESS
4 RELOCATABLE CLASSROOMS & TOILET BLDG
WASHINGTON MIDDLE SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE AVE., BAKERSFIELD, CA 93305

Issue Date: 11/13/14
Date: 05/06/16
Designer: [Signature]
D.R. [Signature]
P.C. [Signature]

Agency Approval Stamp:
FILE # 15-6
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
DATE: 05/31/2016
TRACKING #: 63321-
D. GULIBERLO

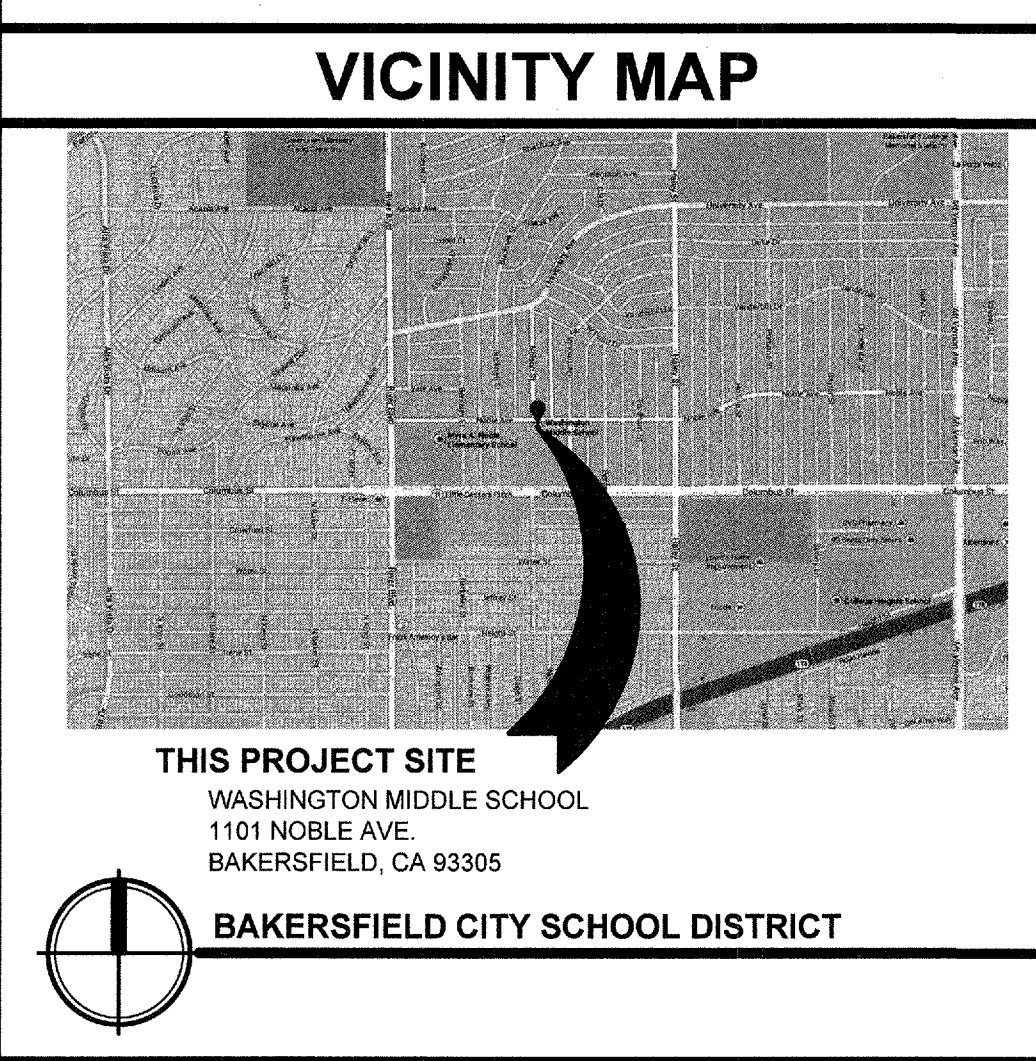
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JOB NO: 5127
SHEET NO: T1.01

Release: [Signature]
RICHARD DELLANNI



ABBREVIATIONS

ABOVE FINISHED FLOOR	ABV	LAMINATE	LAM.
ACCESSIBLE	A.F.F.	LAVATORY	LAV.
ACOUSTICAL	A.C.C.	LEFT HAND	L.H.
ADJACENT	ADJ.	LINOLEUM	LINO.
ADJUSTABLE	ADJUST.	LONG	LC.
AIR CONDITIONING	A/C	MACHINE BOLT	M.B.
ALUMINUM	ALUM.	MACHINE SCREW	M.S.
ANCHOR BOLT	AB.	MANUFACTURER	MFG.
BENT ANCHOR BOLT	BAB.	MATERIAL	MAT.
ANODIZED	ANOD.	MAXIMUM	MAX.
ARCHITECTURAL	ARCH.	MECHANICAL	MECH.
ASPHALT CONCRETE	A.C.	MEDIUM	MED.
BACKBOARD	BACKBRD.	MEMBRANE	MBNE.
BEAM	BM	METAL	MTL.
BENCH MARK	B.M.	METAL PLANAR CEILING	M.P.C.
BETWEEN	B.TWN.	METAL TOILET PARTITION	M.T.P.
BLOCK	BLK.	MILLIMETER	MILL.
BOTTOM	BTM.		
BUILDING	BLDG.	MINIMUM	MIN.
CABINET	CAB.	MISCELLANEOUS	MISC.
CADMIUM	CAD.	MULLION	MULL.
CARPET	CPT.	NOT IN CONTRACT	N.I.C.
CARRIAGE BOLT	C.B.	NOT TO SCALE	N.T.S.
CAST IRON	C.I.	NUMBER	NO.#
CEILING	C.E.	OPPOSITE HAND	O.H.
CEILING DIFFUSER	C.D.	OPPOSITE	OPP.
CEILING GRILLE	C.G.	ON CENTER	O.C.
CEILING REGISTER	C.R.	OPENING	OPG.
CEMENT	CEM.	OUTSIDE DIAMETER/DIMENSION	O.D.
CENTERLINE	C.L.	OVAL HEAD	O.H.
CERAMIC TILE	C.T.	OVER (ON)	O/
CIRCUIT	CRCT.	OVERFLOW	OVL.
CLEANOUT	C.O.	OVERHAND	OH.
CLEAR	CLR.	PAINT	PT.
COLD WATER	C.W.	PAIR	PR.
COLUMN	COL.	PAPER TOWEL DISPENSER	P.T.D.
COMBINATION/COMBUSTION	COMB.	PLASTIC	PLAS.
COMPOSITION, COMPOSITE	COMP.	PLATE	PL.
CONCRETE	CONC.	PLUMBING	PLBG.
CONCRETE MASONRY UNIT	C.M.U.	PLYWOOD	PLYWD.
CONDITION	COND.	POINT	PT.
CONNECTION	CONN.	POINT OF CONNECTION	P.O.C.
CONSTRUCTION	CONST.	POUND	LB.#
CONSTRUCTION JOINT	C.J.	POUND PER SQ. FOOT	P.S.F.
CONTINUOUS	CONT.	POUND PER SQ. INCH	P.S.I.
CONTRACTOR	CONTR.	QUARTER	QTR.
COORDINATE	COORD.	RADIUS	R.RAD.
COUNTERSINK	CSK.	RAINWATER LEADER	R.W.L.
DEPARTMENT	DEPT.	RECEPT	RECP.
DEPTH, DEEP	D.	REFLECTED	REFLD.
DETAIL	DET.		
DIAGONAL	DIAG.	REFRIGERATOR	REF.
DIAMETER	DIAM.	REFINISHING	REFIN.
DIMENSION	DIM.	REMOVABLE	REMOV.
DISPENSER/DISPOSAL	DISP.	REQUIRED	REQD.
DIVISION	DIV.	RESILIENT	RES.
DOOR	DR.	REVISION	REV.
DOUBLE	DBL.	RIGHT HAND	R.H.
DOWN	DN.	ROOF DRAIN	R.D.
DOWNSPOUT	D.S.	RUBBER TOPSET BASE	R.T.B.
DRAWING	DRWG.	SANITARY NAPKIN DISPENSER	S.N.D.
DRINKING FOUNTAIN	D.F.	SANITARY NAPKIN RECEPTACLE	S.N.R.
EACH	EA.	SCHEDULE	SCH.
ELECTRIC	ELEC.	SEAT COVER DISPENSER	S.C.D.
ELECTRIC DRINKING FOUNTAIN	E.D.F.	SECTION	SECT.
ELEVATION	ELEV.	SHEATHING	SHG.
EQUAL	EQ.	SHEET	SH.
EQUIPMENT	EQUIP.	SHEET METAL	S.M.
ESTIMATE	EST.	SHEET METAL & AIR	S.M.A.
EXHAUST	EXH.	CONDITIONING CONTRACTOR	C.C.
EXHAUST FAN	E.F.	NATIONAL ASSOCIATION	N.A.
EXISTING	(E)	SHEET METAL SCREWS	S.M.S.
EXPANSION	EXP.	SHelves	SH.
EXPANSION JOINT	E.J.	SIMILAR	SIM.
EXTERIOR	EXT.	SINK	S.
FABRIC WALL COVERING	F.W.C.	SOAP DISPENSER	S.D.
FACE OF BLOCK	F.O.B.	SPECIFICATION	SPEC.
FACE OF CONCRETE	F.O.C.	SPLASH	SPL.
FACE OF STUCCO	F.O.S.	SPLASH BLOCK	S.B.
FACE OF WALL	F.O.W.	SQUARE	SQ.
FACTORY FINISH	F.F.	STAINLESS STEEL	S.S.
FEET/FOOT	FT.	STANDARD	STD.
FEMININE NAPKIN DISPOSAL	F.N.D.	STEEL	STL.
FIBER GLASS	F.G.		
FIBERGLASS	F.G.		
FINISH	FIN.	STOR.	STOR.
FIRE EXTINGUISHER CABINET	F.E.C.	STIFF.	STIFF.
FIRE RATED GYP. BD.	F.R.G.B.	STRUCTURAL	STRUCT.
FIXED GLASS	F.G.	SUSP.	SUSP.
FLAT HEAD	F.H.	SUSPENDED	SUSP.
FLOOR	FLR.	SUSPENDED ACOUSTIC CEILING TILE	S.A.C.T.
FLOOR DRAIN	F.D.	SW.	SW.
FLOURESCENT	FLUR.	TELEPHONE	TEL.
FOOTING	FTC.	THICK	THK.
FOUNDATION	FDN.	THRESHOLD	THR.
FRAMING	FRMG.	T.P.	T.P.
GAGE/GAUGE	GA.	TOILET PAPER	T.P.
GALVANIZE	GALV.	TOILET PAPER HOLDER	T.P.H.
GALVANIZED IRON	G.I.	TOLERANCE	TOL.
GLASS	G.L.	TRANSFORMER	TRANS.
GRAB BAR	G.B.	TYPICAL	TYP.
GRADE	GR.	UNDERWRITERS LABORATORY	U.L.
GROUND	GRD.	UNLESS OTHERWISE NOTED	U.O.N.
GYP.	GYP.	URNAL	UR.
GYP.	GYP.	VENTILATE/VENTILATION	VENT.
GYP.	GYP.	VENT THROUGH ROOF	V.T.R.
HARDWARE	HDW.	VERTICAL	V.F.
HEAD	HDR.	VERT.	VERT.
HEIGHT	H.T.	VINYL COMPOSITION TILE	V.C.T.
HOLLOW METAL	H.M.	VINYL WALL COVERING	V.W.C.
HORIZONTAL	HORIZ.	VOLUME	VOL.
HOT WATER	H.W.	WATER CLOSET	W.C.
HOSE BIBB	H.B.	WATER PROOF	W.P.
INSULATION	INSUL.	WATER RESISTANT	W.R.
INTERIOR	INT.	WIDTH	W.
JAMB	JB.	WIRE GLASS	W.G.L.
JOINT	JT.	WITH	W/O
		WITHOUT	W/O
		WOOD	WD.
		WOOD SCREWS	W.S.



GENERAL NOTES

- ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS
- 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.
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROADS AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCE
- REFER TO RELOCATABLE BUILDING MANUFACTURER'S DRAWINGS FOR ALL INFORMATION REGARDING THE RELOCATABLE BUILDINGS

SCOPE OF WORK

- RELOCATION OF 4 PORTABLE CLASSROOM BUILDINGS AND METAL RAMPS AND CONSTRUCTION OF UTILITY SERVICES ON AN EXISTING ELEMENTARY SCHOOL CAMPUS & 1 Toilet Bldg
- CONSTRUCTION OF WOOD FOUNDATIONS FOR 6 PORTABLE BUILDINGS

SHEET INDEX

SHT. NO.	DESCRIPTION
T1.01	TITLE SHEET
ARCHITECTURAL	
A1.01	COVER SHEET
A1.01	FLOOR PLAN A 24'x40'
A4.02	EXTERIOR ELEVATIONS
F1.0	FOUNDATION PLAN - WOOD - 20'x40' - PC 04-113776
F2.0	FOUNDATION DETAILS - PC 04-113776
S3.02	STRUCTURAL FRAMING
E1.03	ELECTRICAL PLAN - 24'x40'
R1.01	RAMP / LANDING PLAN
R1.02	RAMP / LANDING DETAILS
ELECTRICAL	
A0	COVER SHEET
A1.0	FLOOR PLAN
A3.0	EXTERIOR ELEVATIONS
F1.0	FOUNDATION PLAN & DETAILS - PC 04-113776
F2.0	FOUNDATION PLAN & DETAILS (WOOD) PC 04-113776
S4.0	STRUCTURAL DETAILS
E1.0	ELECTRICAL PLAN
R1.0	RAMP / LANDING
R2.0	RAMP / STAIRS / DETAILS
STOCKPILE # 04-10270 - 12'x40' TOILET BUILDING BY "MODTECH INC." (STKP-36)	
A0	COVER SHEET
A1.2	FLOOR PLAN "C"
A2.2	INTERIOR / EXTERIOR ELEVATIONS "C"
A4.0	FINISH SCHEDULE
F2.0	FOUNDATION PLAN & DETAILS (WOOD)
E1.2	ELECTRICAL PLAN "C"
P1.2W	PLUMBING LAYOUT "C" (WALL MOUNT)
R1.0	RAMP / LANDING
R2.0	RAMP / STAIRS / DETAILS
R5.0	RAMP LANDING

BUILDING DATA

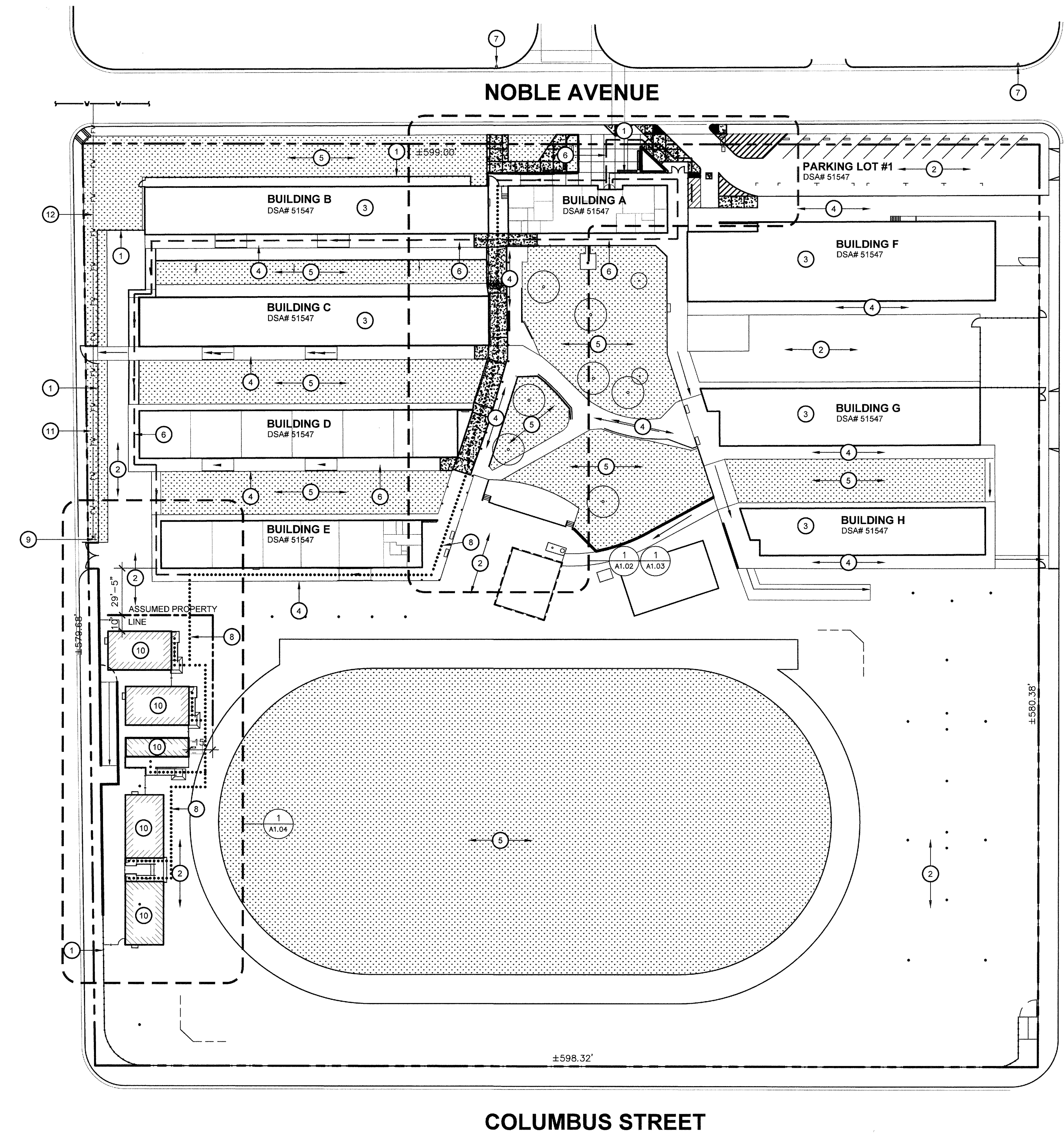
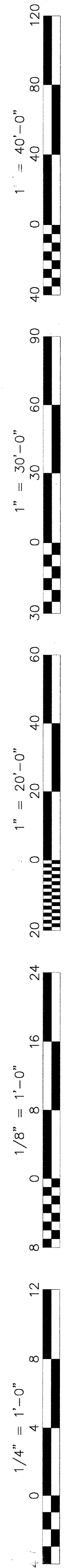
OCCUPANCY = E
TYPE OF CONSTRUCTION = VB (NON-SPRINKLERED)
TEMP CLASSROOMS
4(N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 3840
1 (N) TOILET @ 1130 S.F. @ 480 = 480
TOTAL = 4320
PER 2013 C.B.C. TABLE 503:
ALLOWABLE AREA = 9,500 S.F.
4320 PROPOSED < 9,500 ALLOWABLE = OK

ARCHITECT'S 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.
APPLICABLE:
 ARCHITECTURAL PLUMBING MECHANICAL ELECTRICAL
 PORTABLE MANUFACTURER CIVIL
C-28966
LICENSED NUMBER
05-31-15
EXPIRATION DATE
INSPECTOR OF RECORD
THIS PROJECT REQUIRES A CLASS 4 INSPECTOR. THE INSPECTOR OF RECORD SHALL BE DSA APPROVED AND CONFORM TO THE CLASSIFICATION CRITERIA AS PROVIDED IN INTERPRETATION OF REGULATIONS (IR) A-7, DATED JULY 17, 2013.
THE INSPECTOR SHALL BE EMPLOYED BY THE DISTRICT AND APPROVED BY THE RESPONSIBLE ARCHITECT.
APPLICABLE CODES:
COMPLY WITH PART 1, TITLE 24, 2013 CCR.
A COPY OF TITLE 24 SHALL BE ON SITE AT ALL TIMES. CONSTRUCTION SHALL COMPLY WITH TITLE 24 CALIFORNIA CODE OF REGULATIONS, INCLUDING THE FOLLOWING:
TITLE 24, CCR, PART 2, 2013 CBC (2012 IBC, WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR, PART 3, 2013 CEC (2011 NEC, WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR, PART 4, 2013 CMC (2012 UPC, WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR, PART 5, 2013 CPC (2012 UPC, WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR, PART 6, 2013 CEC
TITLE 24, CCR, PART 9, 2013 CFC (2012 IFC, WITH CALIFORNIA AMENDMENTS).
TITLE 19, CCR.
NFPA 72, 2013 EDITION (AS PER CA AMENDMENTS)

SYMBOLS

SECTION KEY
SECTION IDENTIFICATION SHEET NUMBER
DETAIL KEY
DETAIL NUMBER SHEET NUMBER
INTERIOR ELEVATION KEY
ELEVATION DIRECTION
ELEVATION IDENTIFICATION SHEET NUMBER
ELEVATION DATUM
INDICATES HEIGHT IN RELATION TO 0'-0"
ROOM NUMBER / FINISH TAG
ROOM NAME
ROOM NUMBER
WINDOW SCHEDULE KEY
KEYNOTE SCHEDULE KEY
DOOR SCHEDULE KEY



OVERALL SITE PLAN
WASHINGTON MIDDLE SCHOOL

SCALE: 1" = 40'

Accessibility note

"Path of travel (P.O.T.) as indicated is a barrier free access without any abrupt vertical changes exceeding 1/2" at 1:2 Maximum slope, except that level changes do not exceed 1/4" vertical (11B-303 & 11B-403.4). P.O.T. is a minimum of 48" wide (11B-403.5.1Ex3) slip resistant surface with 5% max. slope and 1:48 max. cross slope (11B-403.3). Passing spaces (11B-403.5.3) of 60"x80" min. are located not more than 200' apart. Walks with continuous gradients have 60" in length of level areas (11B-403.7) not more than 400' apart. P.O.T. shall be maintained free of overhanging obstructions to 80" min (11B-307.4) and protruding objects (11B-307) greater than 4" projection from wall above 27" and less than 80". There is no drop-off over 4" at the edge of walk or landing unless identified by a guard, a handrail, or a warning curb at least 6" in height above the walk (11B-303.5). Architect and contractor shall verify that all barriers on the indicated path of travel have been removed."

LOCAL FIRE AUTHORITY REVIEW

DSA 810 LOCAL FIRE AUTHORITY REVIEW

To facilitate the Division of the State Architect's (DSA) approval of the Fire/Life Safety portion of a project, DSA requires Local Fire Authority (LFA) review of certain elements as identified in this form. Use of this form is mandatory for projects that add square footage to a campus or if any item on this form is relevant to the project. For additional information, see DSA 810 Instructions and DSA Policy 99-01.

PROJECT INFORMATION
 School District/Owner: **BAKERSFIELD CITY SCHOOL DISTRICT**
 Project Name/School: **WASHINGTON MIDDLE SCHOOL**
 Project Address: **1101 NOBLE AVE, BAKERSFIELD, CA 93305**

LOCAL FIRE AUTHORITY (LFA)
 LFA Agency Name: **BAKERSFIELD FIRE DEPARTMENT**
 LFA Reviewer Name: **EBENIC MEDINA** Title: **Fire Plans Examiner**
 Email: **emedina@bakercityfire.com** Telephone Number: **(661) 326-3652**

I have reviewed and responded to the applicable items for this project as listed below.
 Note: Only sign this form when it is engaged onto the site plan. A loose form is not acceptable to DSA.

LFA Reviewer's Signature: *Ebenic Medina* Date: **8/6/16**

Review Key: "Y" = Complies with LFA Requirements "N" = Not approved (complete Section 8)
 "NA" = Not applicable to this project "NR" = LFA elects not to review

Description	Y	N	NA	NR
1 Where an elevator does not meet medical emergency service call size, per the California Building Code (CBC), use of stairways for emergency rescue and patient transport is acceptable.			X	
2 Access roads, fire lane markings, pavers and gate entrances are in accordance with Title 19, California Code of Regulations & the California Fire Code, Chapter 5.	X			
3 Fire hydrant location and distribution complies with the California Fire Code (or per #4).	X			
4 Fire hydrant location and distribution complies with NFPA 1142, "Alternate Means." If "NR" is checked, DSA can only respond on-site water storage as an alternate. The signature of the school district official is required to acknowledge use of alternate means.				X

Signature of School District Official: _____ Date: _____

Print the School District Official's Name: _____

5 The location(s) of the proposed post indicator valve and fire department connection meet the requirements of this jurisdiction.

6 The location(s) of the detector check valve assembly meet the requirements of this jurisdiction.

7 Is the project located in a hazard severity zone area? (CBC, Chapter 7A, Section 701A.) Yes No

Check type if "Yes": Moderate High Very High WIPA (If one of these boxes is checked, the project design must meet the requirements of Chapter 7A.)

8 COMMENTS (note deficiencies):

DSA 810 (rev 05-12-14)

KEY NOTES

- (E) CHAIN LINK FENCE AND GATE TO REMAIN
- (E) A.C. PAVING TO REMAIN
- (E) BUILDING TO REMAIN (NO WORK)
- (E) CONCRETE WALK TO REMAIN (NO WORK)
- (E) TURF AND IRRIGATION TO REMAIN
- EXISTING ACCESSIBLE PATH OF TRAVEL TO REMAIN, VERIFY IN FIELD
- EXISTING FIRE HYDRANT TO REMAIN
- PROPOSED ACCESSIBLE PATH OF TRAVEL (P.O.T.) REFER TO ACCESSIBILITY NOTE, THIS SHEET
- NEW SITE ENTRANCE TOW AWAY SIGNAGE PER 2/A1.08
- NEW MODULAR CLASSROOM ON WOOD FOUNDATION INSTALLED PER MANUFACTURERS DRAWINGS
- NEW FIRE HYDRANT PER KERN COUNTY STANDARDS. REFER TO SHEETS A1.06 AND A1.07 FOR ADDITIONAL INFORMATION
- NEW FIRE WATER LINE. TIE INTO EXISTING MAIN AT NOBLE AVENUE. SEE SHEETS A1.06 AND A1.07 FOR INSTALLATION AND CONNECTION DETAILS
- EXISTING MODULAR CLASSROOM
- NEW CHAIN LINK FENCE, SEE DETAIL 9/A1.06

PARKING CALCULATION

EXISTING PARKING LOT #1

TOTAL STALLS PROVIDED:	21
ACCESSIBLE STALLS REQUIRED PER CBC TABLE 11B-208.2:	1
VAN SPACES REQUIRED (1 PER 6 ADA):	1
ACCESSIBLE STALLS PROVIDED:	0 REGULAR 1 VAN 1 TOTAL

FLOOD ZONE INFO

FLOOD ZONE DESIGNATION:	ZONE X (0.2%)
F.I.R.M. PANEL DESIGNATION:	06029C1840E
EFFECTIVE DATE OF F.I.R.M.:	09 / 26 / 2008
BASE FLOOD ELEVATION (BFE):	-400 FT.
COMMUNITY ORDINANCE SECTION:	BMC 15.74.040

ACCESSIBILITY NOTES

- THE POT 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 PORTIONS OF THE POT 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 PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
- DURING CONSTRUCTION, IF POT 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 PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

LEGEND

- INDICATES EXISTING BUILDING TO REMAIN (NO WORK), U.N.O.
- INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
- HALF-TONE DASHED LINE INDICATES EXISTING ACCESSIBLE PATH OF TRAVEL
- INDICATES PROPOSED ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION

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Rev. Date: _____
 Rev. Description: _____

OVERALL SITE PLAN

4 RELOCATABLE CLASSROOMS & 1 TOILET BLDG
WASHINGTON MIDDLE SCHOOL
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE, BAKERSFIELD, CA 93305

Issue Date: **11/13/14**
 Date: **05/06/16**
 Designer: _____
 DR: _____
 PC: **CJH**

Agency Approval Stamp:

FILE # 15-6
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

03-117025
 AC: *[Signature]*
 DATE: **05/31/2016**

TRACKING #: 63321-

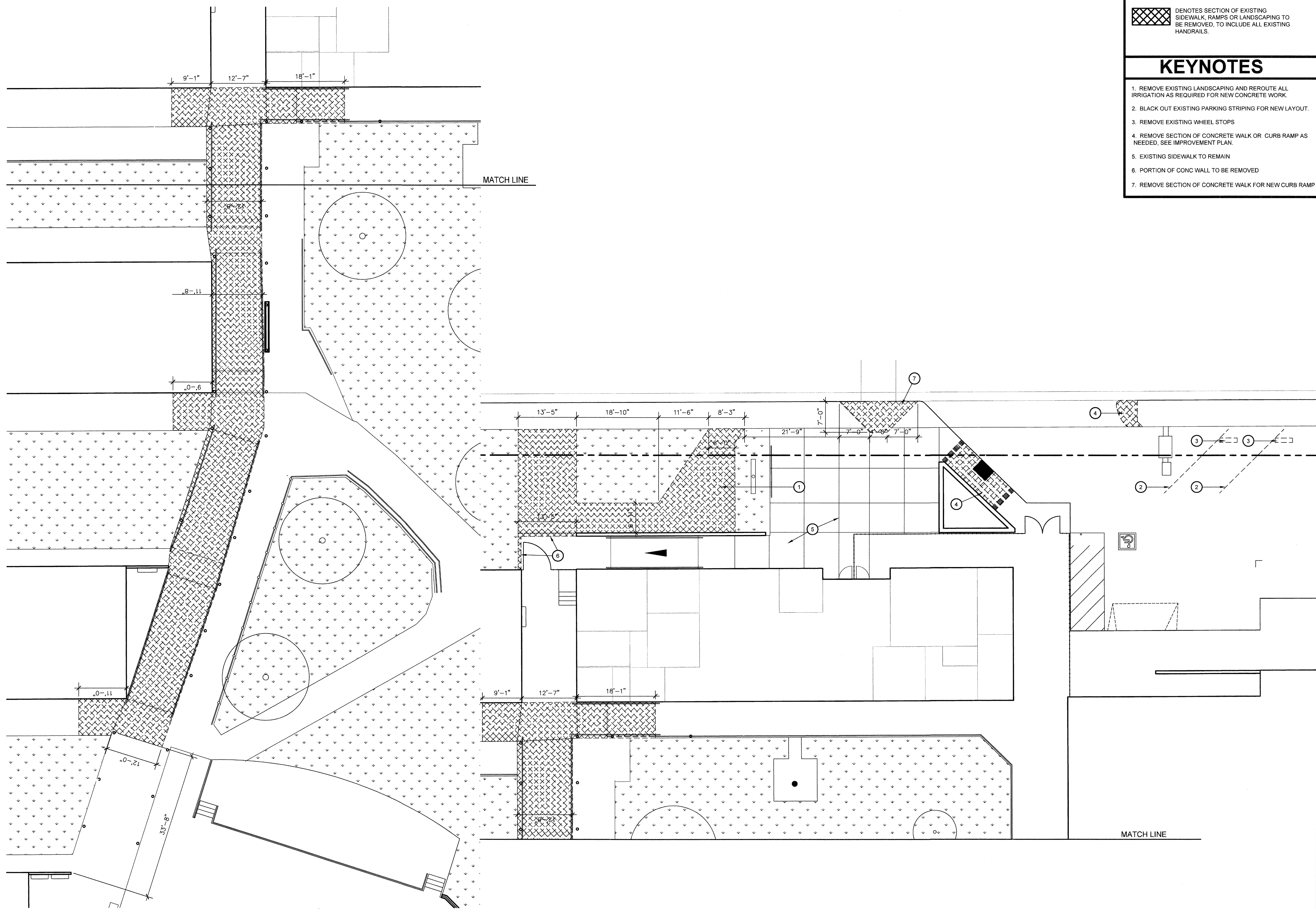
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SEAL OF THE STATE ARCHITECT
 RICHARD DELLANNI
 No. C 28966
 EXPIRES 05-31-17

Job No: **5127**

Sheet No: **A1.01**

Release: _____



LEGEND

DENOTES SECTION OF EXISTING SIDEWALK, RAMPS OR LANDSCAPING TO BE REMOVED, TO INCLUDE ALL EXISTING HANDRAILS.

KEYNOTES

1. REMOVE EXISTING LANDSCAPING AND REROUTE ALL IRRIGATION AS REQUIRED FOR NEW CONCRETE WORK.
2. BLACK OUT EXISTING PARKING STRIPING FOR NEW LAYOUT.
3. REMOVE EXISTING WHEEL STOPS
4. REMOVE SECTION OF CONCRETE WALK OR CURB RAMP AS NEEDED, SEE IMPROVEMENT PLAN.
5. EXISTING SIDEWALK TO REMAIN
6. PORTION OF CONC WALL TO BE REMOVED
7. REMOVE SECTION OF CONCRETE WALK FOR NEW CURB RAMP

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Revision	Revision Description	Rev. Date

DEMOLITION SITE PLAN
 4 RELOCATABLE CLASSROOMS & TOILET BLDG
 WASHINGTON MIDDLE SCHOOL
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE. BAKERSFIELD, CA 93305

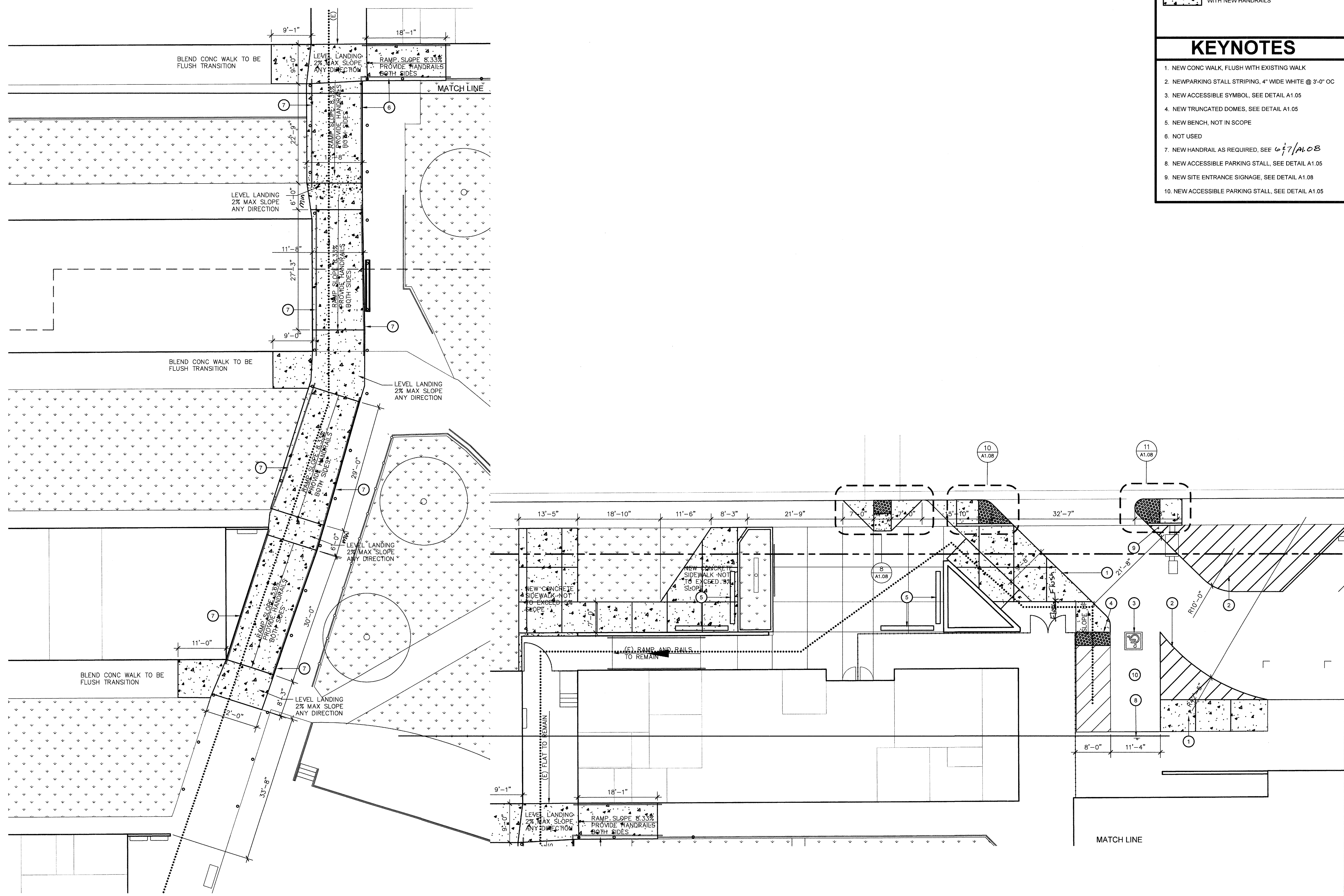
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 Designer: [Signature]
 DR: [Signature]
 PR: [Signature]

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 CP-11025
 AC: [Signature] SS: [Signature]
 DATE: 05/21/2016
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Job No.: **5127**
 Sheet No.: **A1.02**
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DEMOLITION SITE PLAN
WASHINGTON MIDDLE SCHOOL
 SCALE: 1" = 10'



LEGEND	
	INDICATES NEW RAMPS AND LANDINGS WITH NEW HANDRAILS

KEYNOTES	
1.	NEW CONC WALK, FLUSH WITH EXISTING WALK
2.	NEW PARKING STALL STRIPING, 4" WIDE WHITE @ 3'-0" OC
3.	NEW ACCESSIBLE SYMBOL, SEE DETAIL A1.05
4.	NEW TRUNCATED DOMES, SEE DETAIL A1.05
5.	NEW BENCH, NOT IN SCOPE
6.	NOT USED
7.	NEW HANDRAIL AS REQUIRED, SEE 07/A1.08
8.	NEW ACCESSIBLE PARKING STALL, SEE DETAIL A1.05
9.	NEW SITE ENTRANCE SIGNAGE, SEE DETAIL A1.08
10.	NEW ACCESSIBLE PARKING STALL, SEE DETAIL A1.05

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Revision:	
Revision Description:	

Issue Date: 11/13/14
 Date: 05/06/16
 Designer: [Signature]
 DR: [Signature]
 PC: [Signature]

Agency Approval Stamp:
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 OFFICE OF REGULATION SERVICES
 05/11/2016
 AC: [Signature]
 DATE: 05/31/2016
 TRACKING #: 63321-

Stamp(s):

Project Name & Address:
4 RELOCATABLE CLASSROOMS & TOILET BLDG WASHINGTON MIDDLE SCHOOL
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE. BAKERSFIELD, CA 93305

Job No.: **5127**

Sheet No.: **A1.03**

Release: -

IMPROVEMENT SITE PLAN
WASHINGTON MIDDLE SCHOOL
 SCALE: Viewport Scale



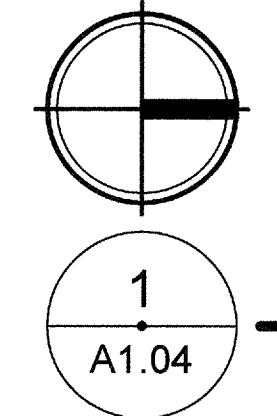
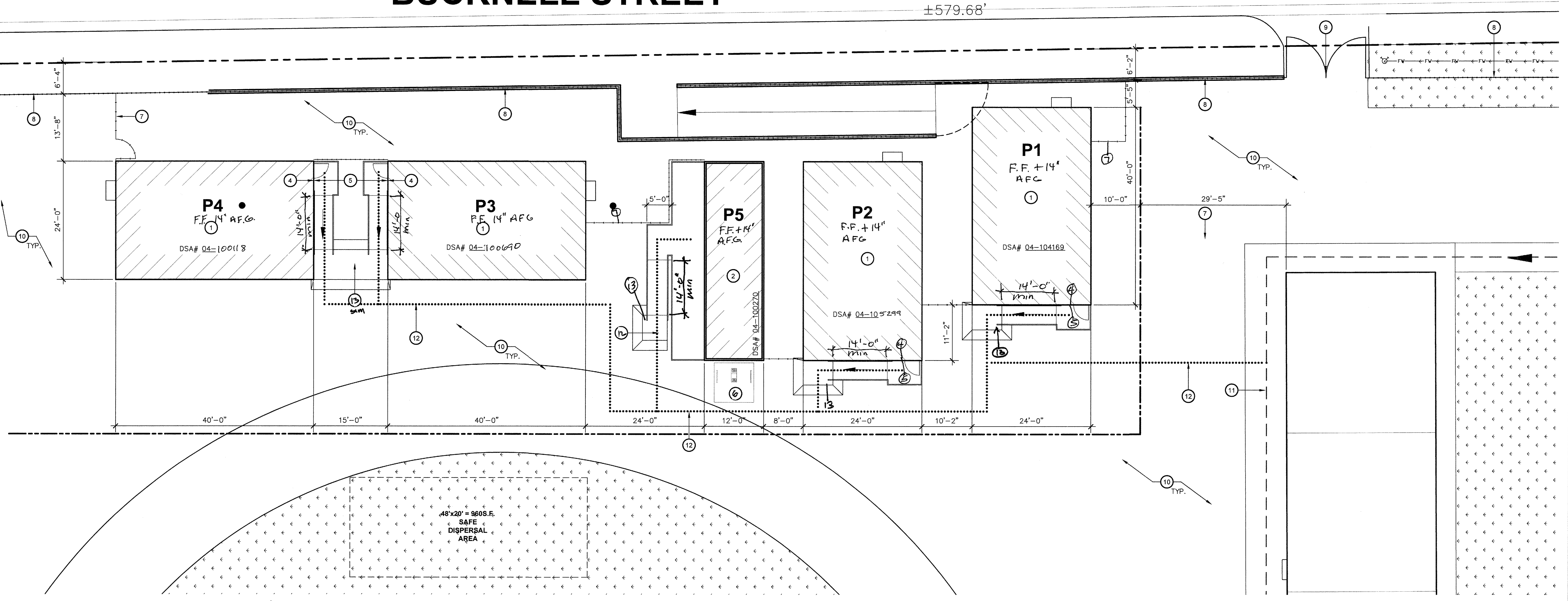
SAFE DISPERSAL	GENERAL NOTES	KEY NOTES
TEMP CLASSROOMS 4 (N) CLASSROOMS @ 960 S.F. (24'x40') EA. = 3,840 S.F. 3,840 S.F. / 20 S.F. PER OCCUPANT = 192 OCCUPANTS 192 OCCUPANTS x 5 S.F. / OCCUPANT = 960 S.F. REQ'D 960 S.F. PROVIDED = OK	A. DETERIORATION OR EXISTING NON-COMPLIANT CONSTRUCTION: IF ANY CONDITION 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	1. NEW TEMPORARY PORTABLE BUILDING ON RAISED WOOD FOUNDATION WITH METAL RAMP SUPPLIED BY BUILDING MANUFACTURER 2. NEW TEMPORARY RESTROOM BUILDING ON RAISED WOOD FOUNDATION WITH METAL RAMP SUPPLIED BY BUILDING MANUFACTURER 3. EXISTING ASPHALT PAVEMENT 4. NEW TACTILE EXIT SIGN PER 2/A1.05 5. NEW ROOM IDENTIFICATION AND ISA SIGNAGE 3 & 4/A1.05 6. NEW PEDESTAL DRINKING FOUNTAIN, SEE 13 & 14/A1.05 7. NEW 6'-0" CHAIN LINK FENCE AND GATE 8. EXISTING CHAIN LINK FENCE TO REMAIN 9. EXISTING CHAIN LIKE GATE TO REMAIN 10. EXISTING ASPHALT PAVING TO REMAIN 11. EXISTING PATH OF TRAVEL 12. NEW PATH OF TRAVEL 13. <i>Landing @ Bottom of Ramp see 5/A1.05</i>

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Rev. Date	Rev. Description

BUCKNELL STREET



PARTIAL SITE PLAN
WASHINGTON MIDDLE SCHOOL

SCALE: 1" = 10'

PARTIAL SITE PLAN

4 RELOCATABLE CLASSROOMS & 1 TOILET BLDG
WASHINGTON MIDDLE SCHOOL
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE. BAKERSFIELD, CA 93305

Issue Date: 11/13/14
 Date: 05/06/16
 Designer: [Signature]
 DR: [Signature]
 PC: CJH

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P2	04-105299	47729-01/02
P3	04-100690	36658
P4	04-100118	4563
P5	04-100270	35292

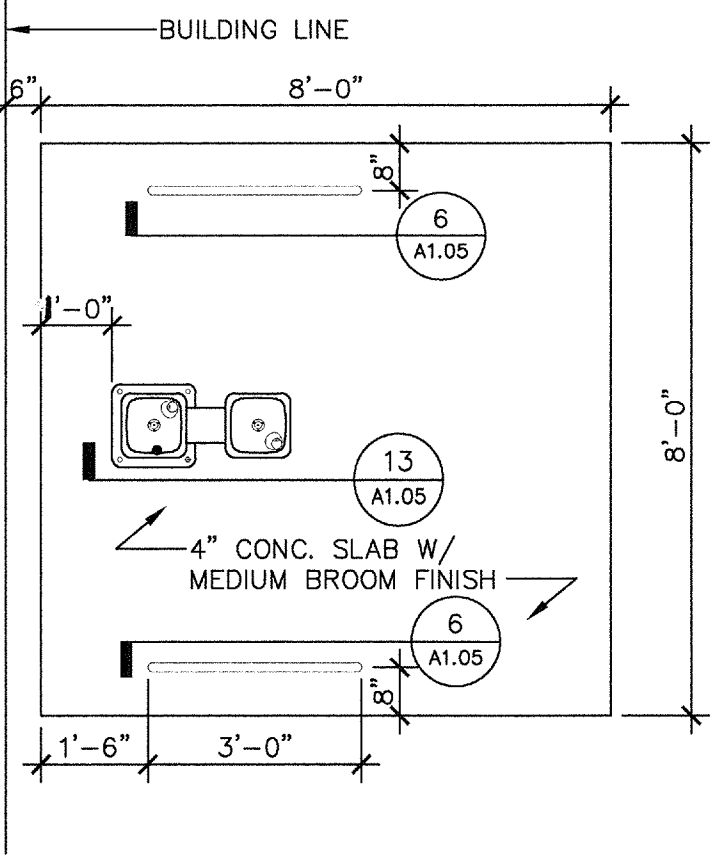
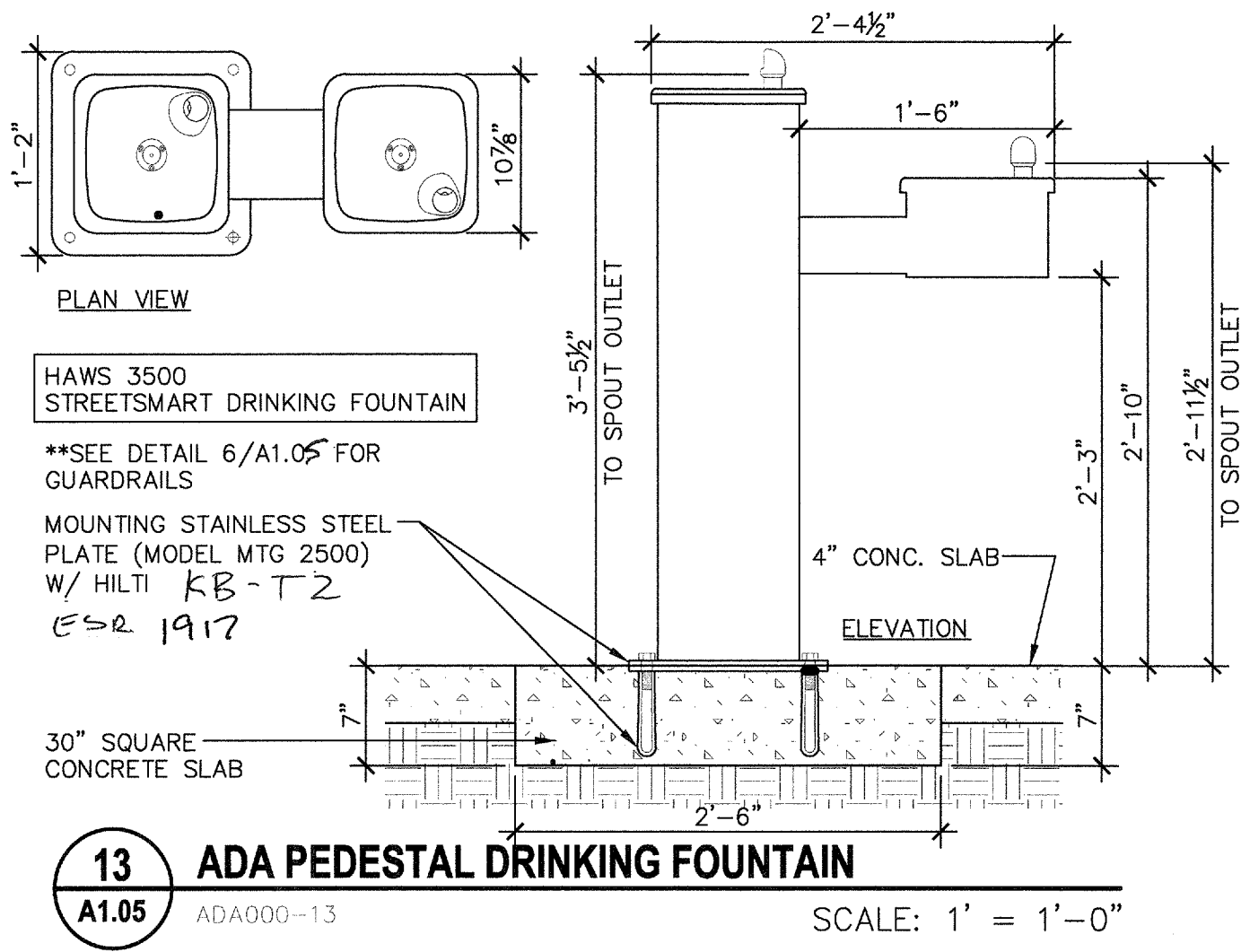
LEGEND	
	INDICATES EXISTING BUILDING TO REMAIN (NO WORK)
	INDICATES NEW PORTABLE BUILDING UNDER THIS APPLICATION
	HALF-TONE DASHED LINE INDICATES EXISTING ACCESSIBLE PATH OF TRAVEL
	INDICATES PROPOSED ACCESSIBLE PATH OF TRAVEL, THIS APPLICATION

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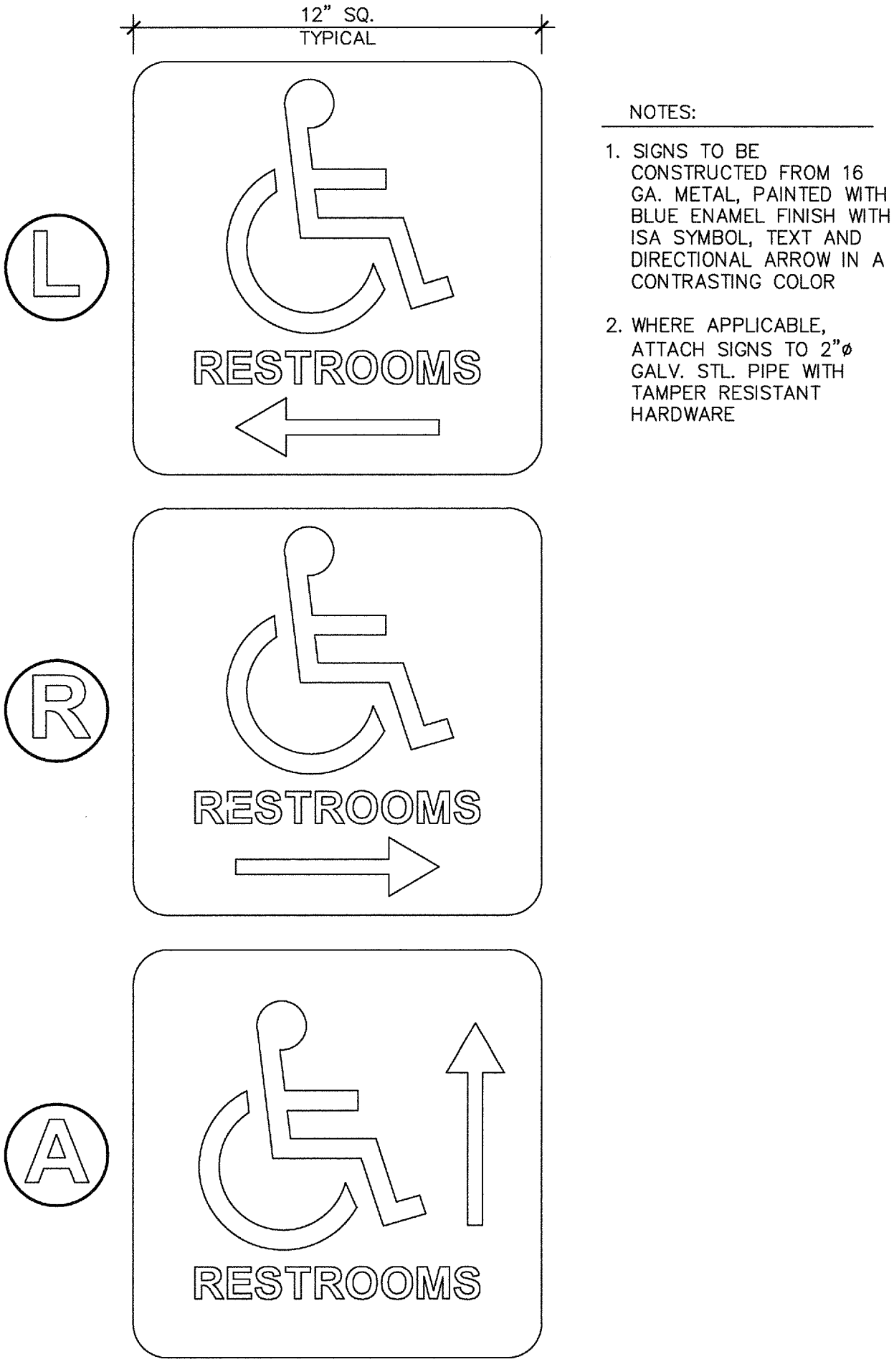
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Sheet No.: **A1.04**

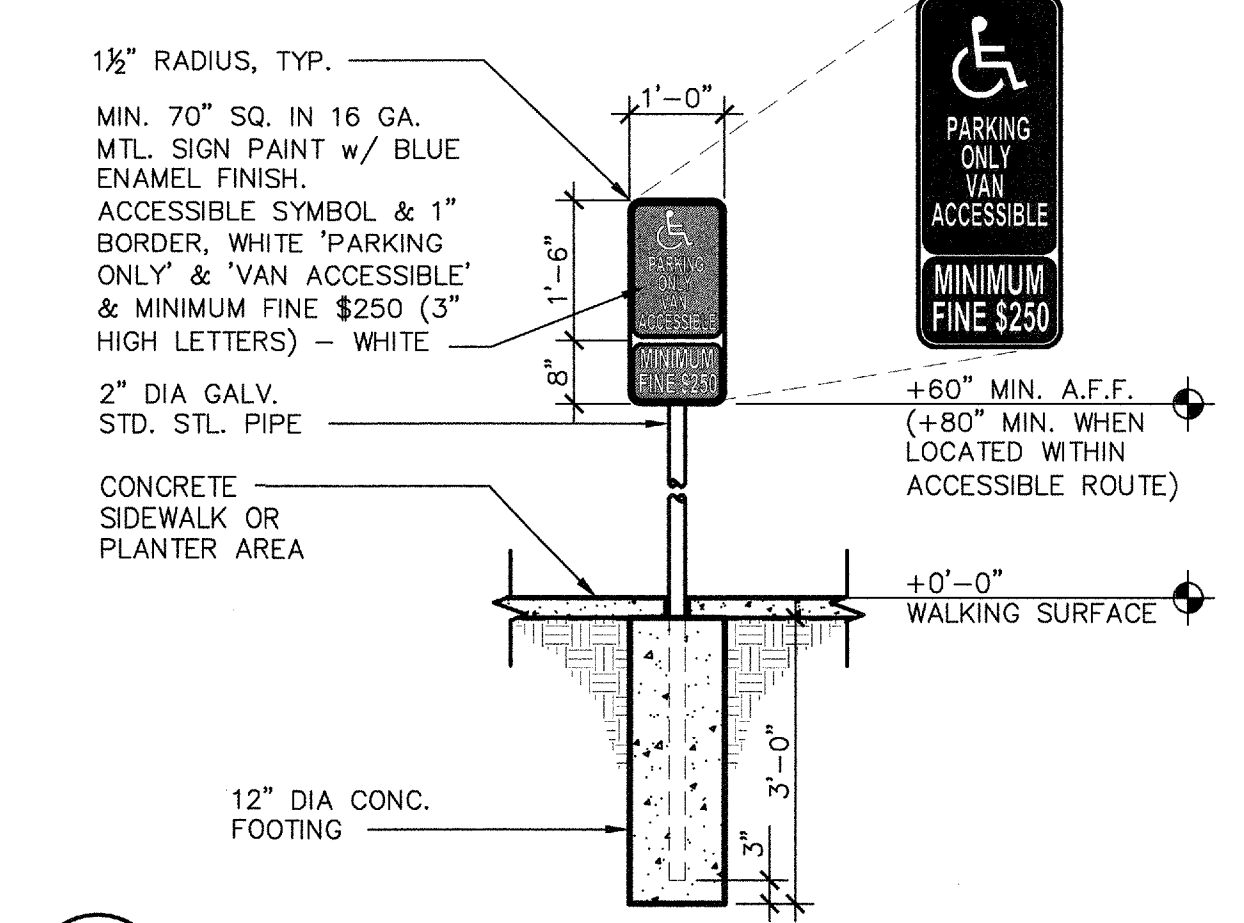
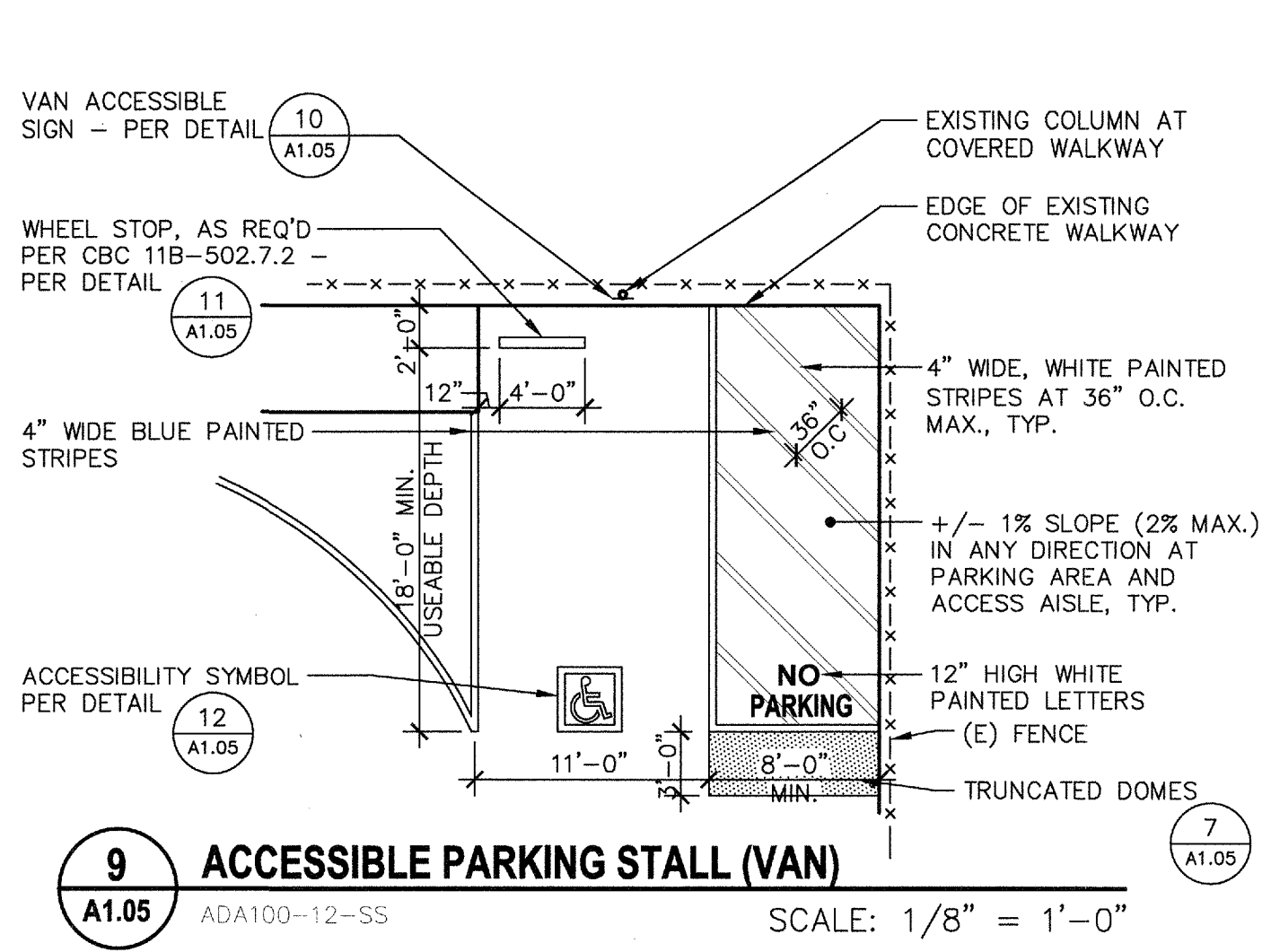
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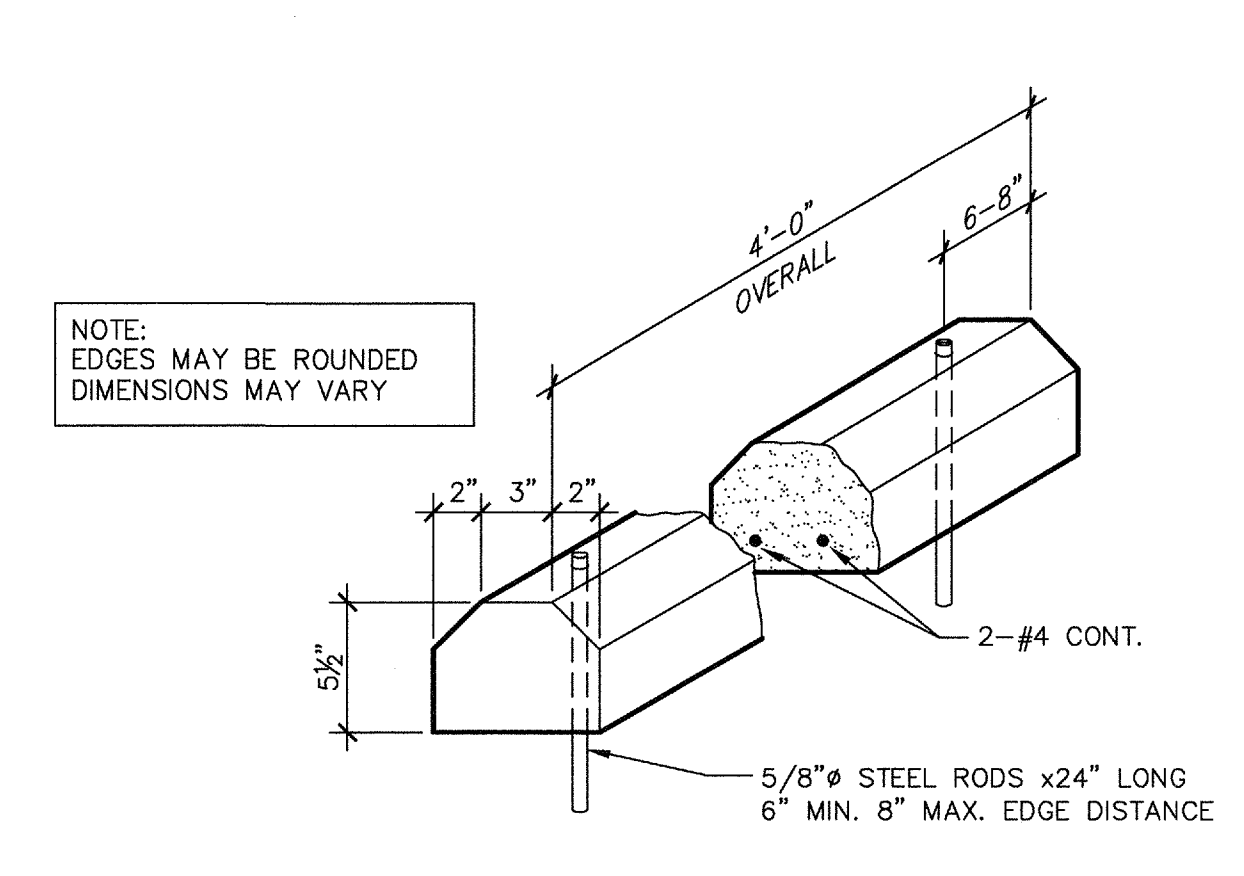
14 PLAN @ DRINKING FOUNTAIN
ADA000-18
SCALE: 1" = 1'-0"



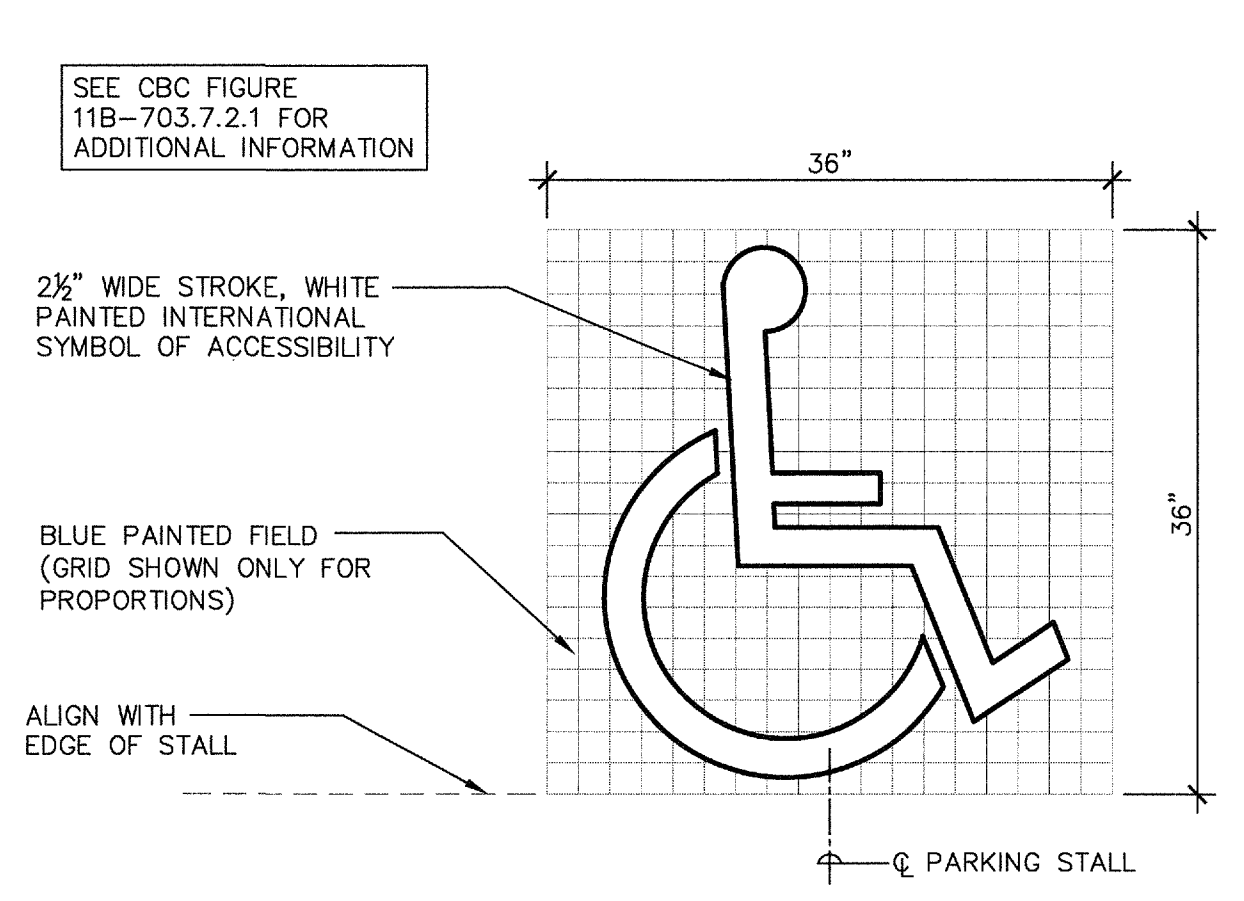
16 ACCESSIBLE RESTROOM DIRECTIONAL SIGNAGE
A1.05 ADA100-04
SCALE: 1" = 1'-0"



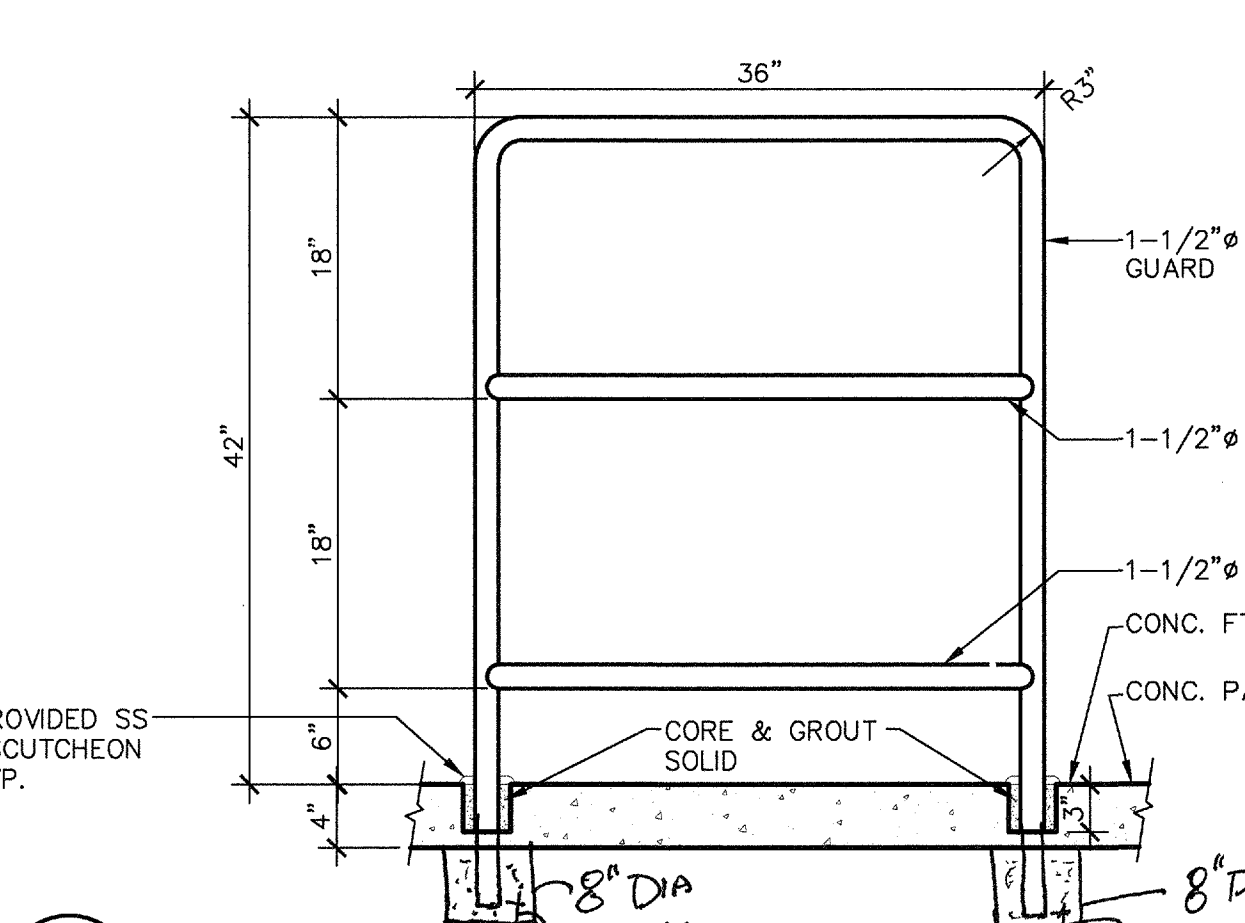
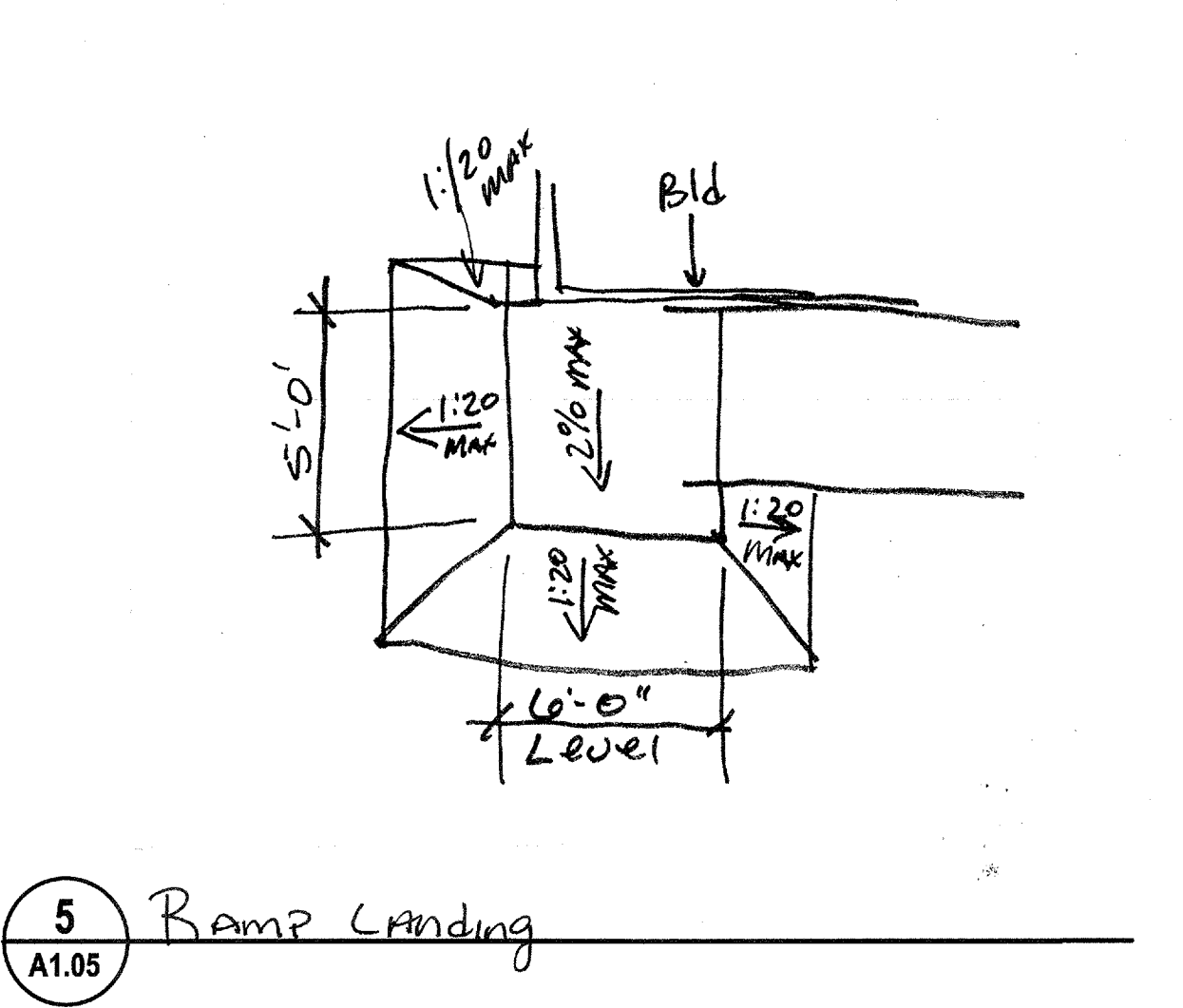
10 VAN ACCESSIBLE PARKING SIGNAGE
A1.05 ADA100-30
SCALE: 1" = 1'-0"



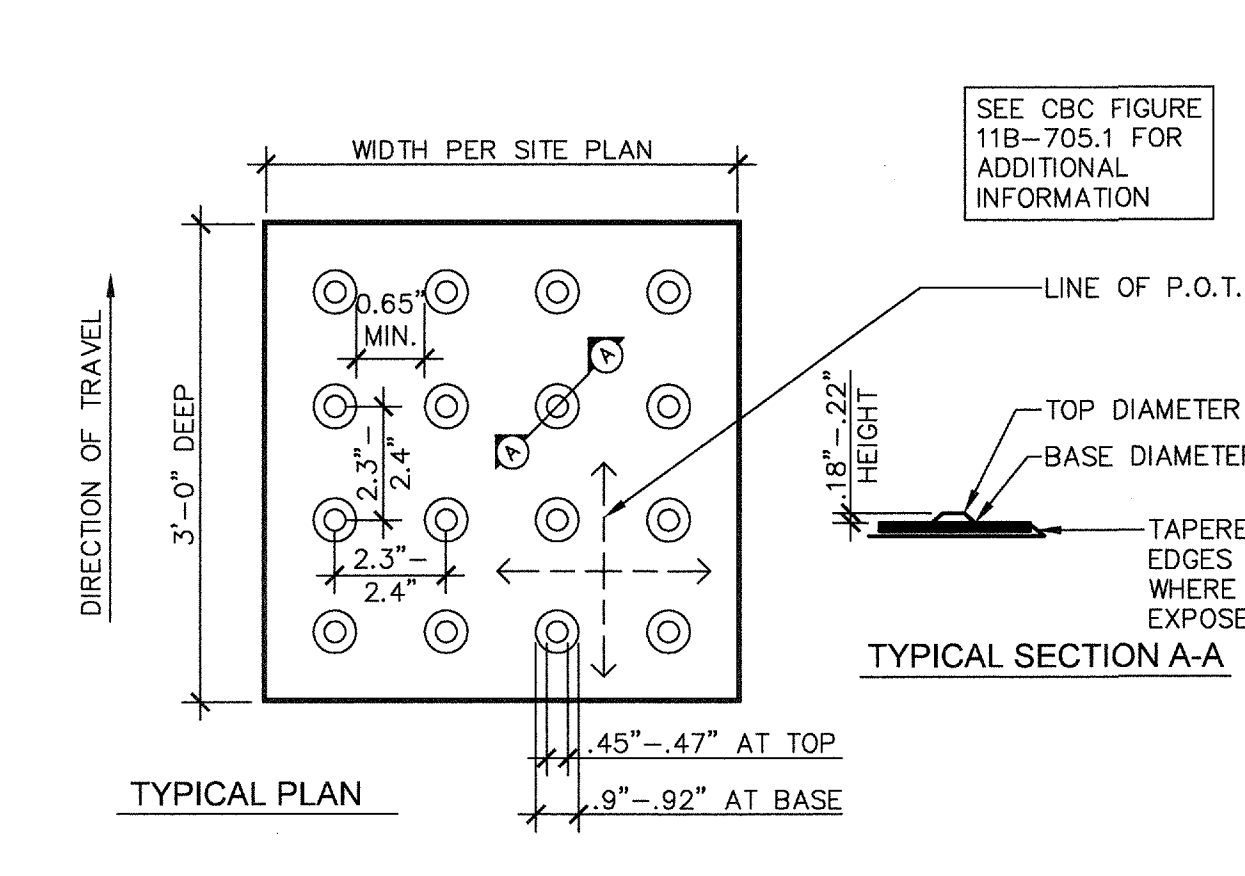
11 WHEEL STOP
A1.05 ADS100-31
SCALE: 1" = 1'-0"



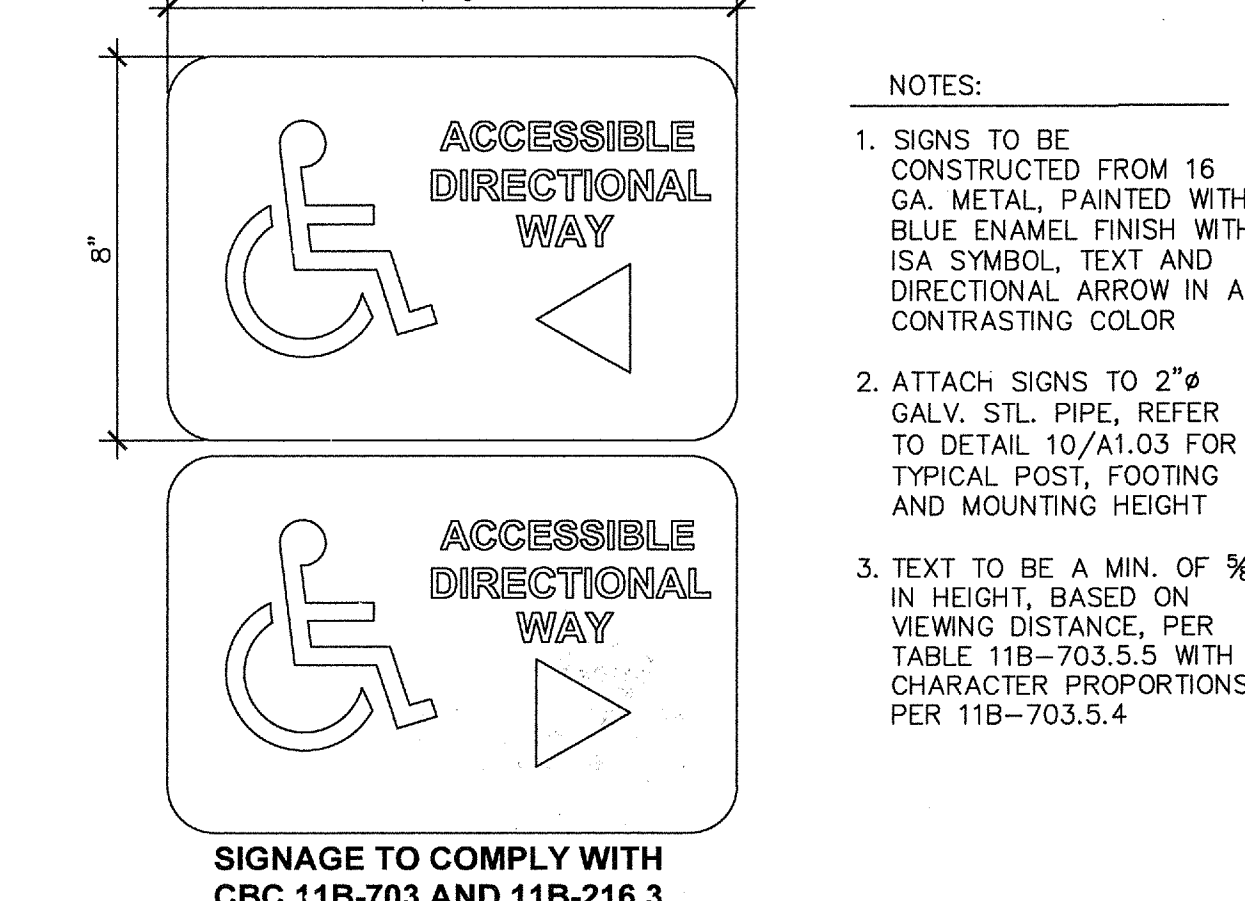
12 TYPICAL ACCESSIBLE PARKING STALL SYMBOL
A1.05 ADA100-03
SCALE: 1" = 1'-0"



6 GUARD RAIL
A1.05 ADA000-16
SCALE: 1" = 1'-0"

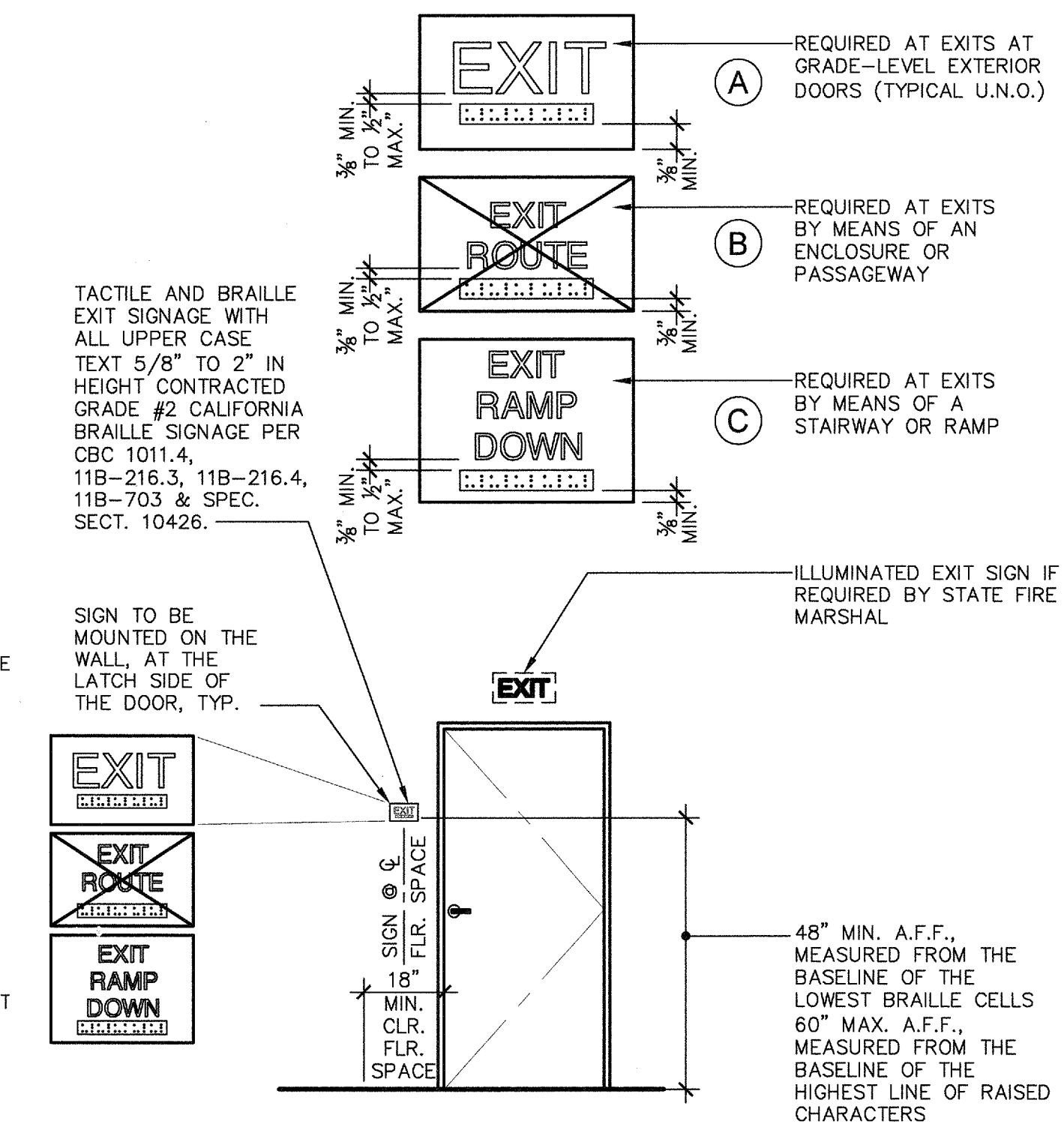


7 TRUNCATED DOMES
A1.05 ADA100-23
SCALE: NO SCALE

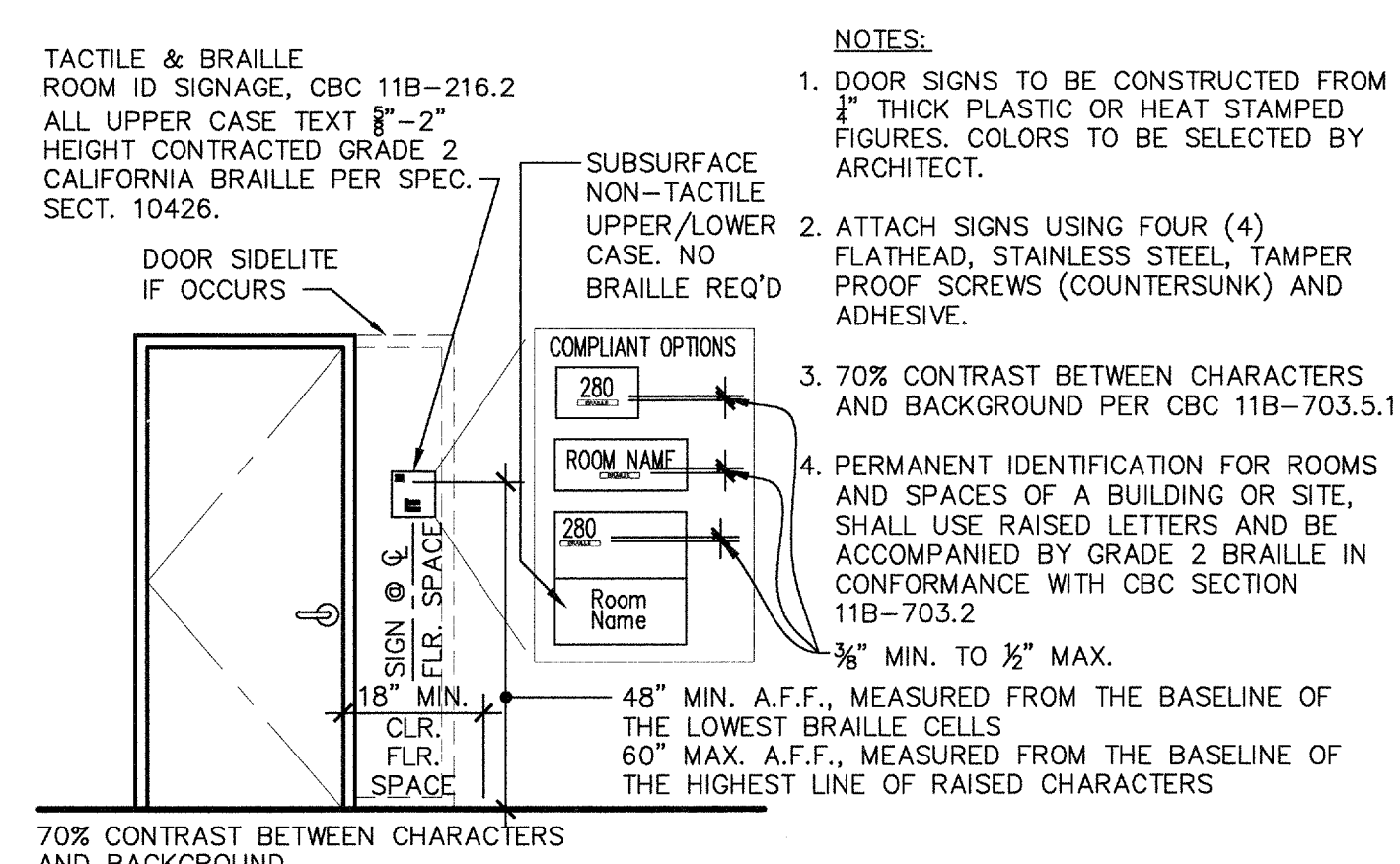


8 ACCESSIBLE DIRECTIONAL SIGNAGE
A1.05 ADA100-02
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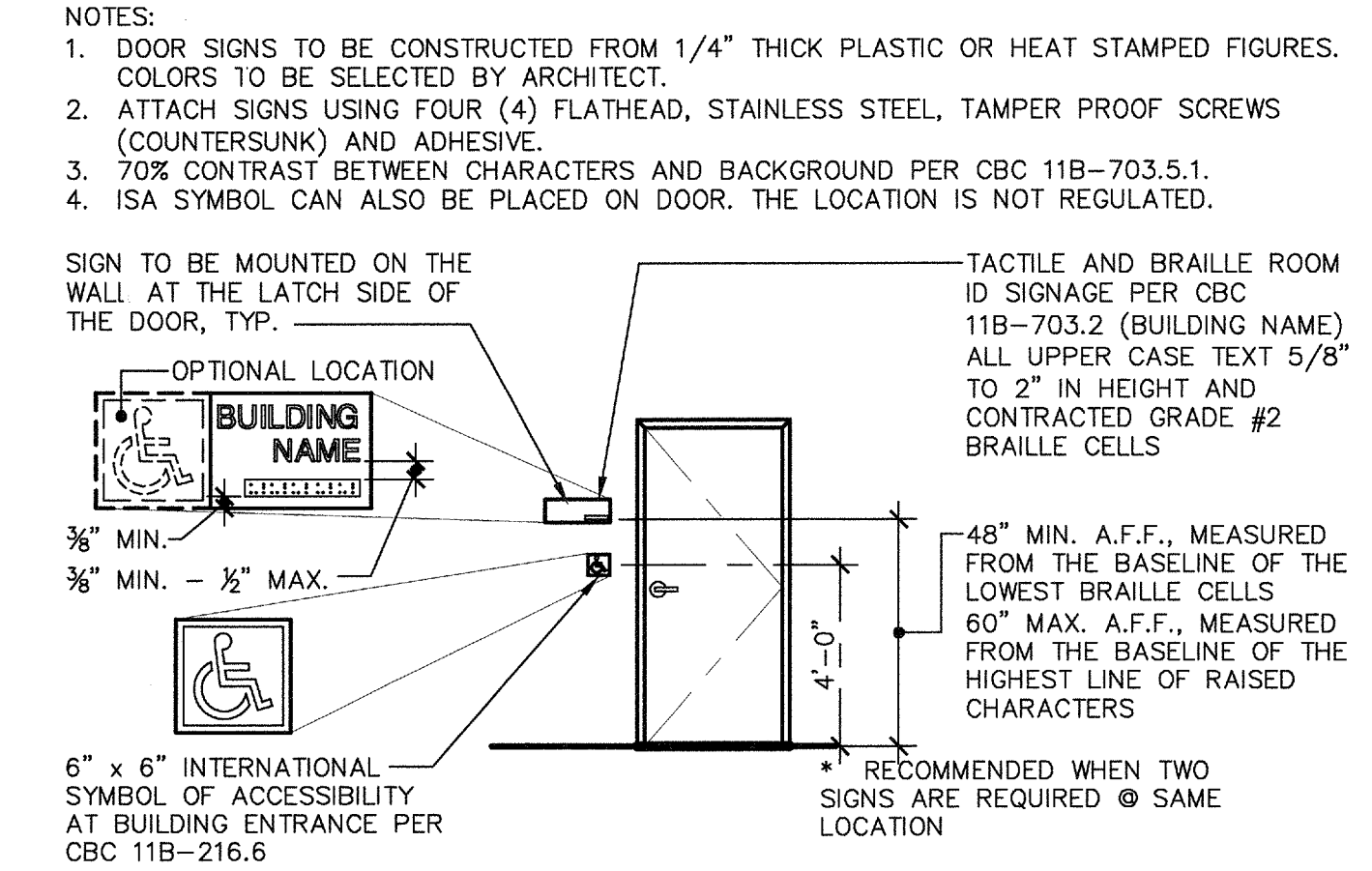
- NOTES:
1. DOOR SIGNS TO BE CONSTRUCTED FROM 1/4" THICK PLASTIC OR HEAT STAMPED FIGURES. COLORS TO BE SELECTED BY ARCHITECT.
2. ATTACH SIGNS USING FOUR (4) FLATHEAD, STAINLESS STEEL, TAMPER PROOF SCREWS, (COUNTERSUNK) AND ADHESIVE.
3. 70% CONTRAST BETWEEN CHARACTERS AND BACKGROUND



2 TYPICAL EXTERIOR DOOR SIGNAGE
A1.05 ADX200-01
SCALE: 1" = 1'-0"



3 ROOM ID SIGNAGE
A1.05 ADX100-01
SCALE: NO SCALE



4 BUILDING ENTRANCE/ISA SIGNAGE
A1.05 ADA100-01
SCALE: 1" = 1'-0"

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Revision: _____

SITE DETAILS

4 RELOCATABLE CLASSROOMS & 1 TOILET BLDG
WASHINGTON MIDDLE SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE AVE., BAKERSFIELD, CA 93305

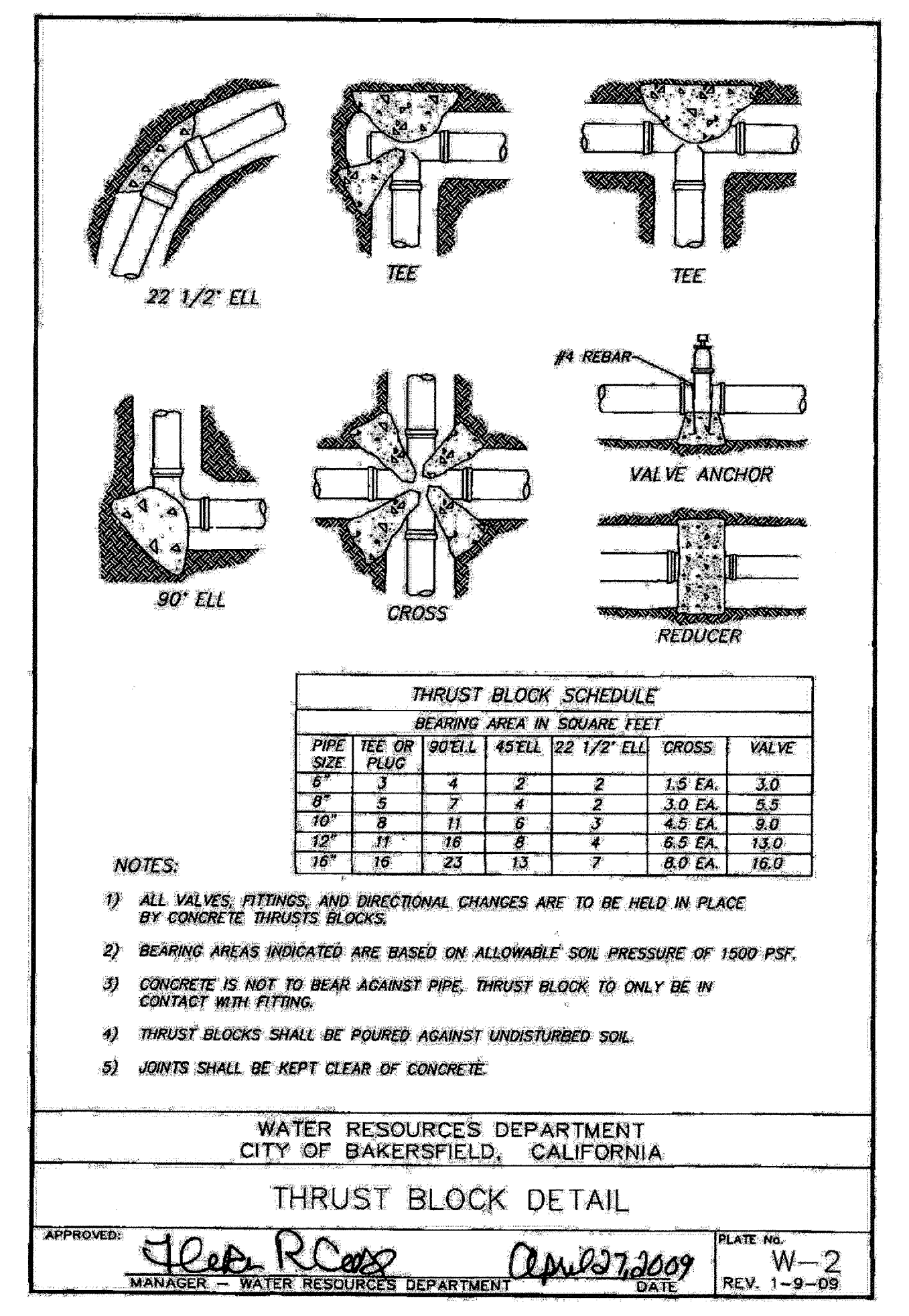
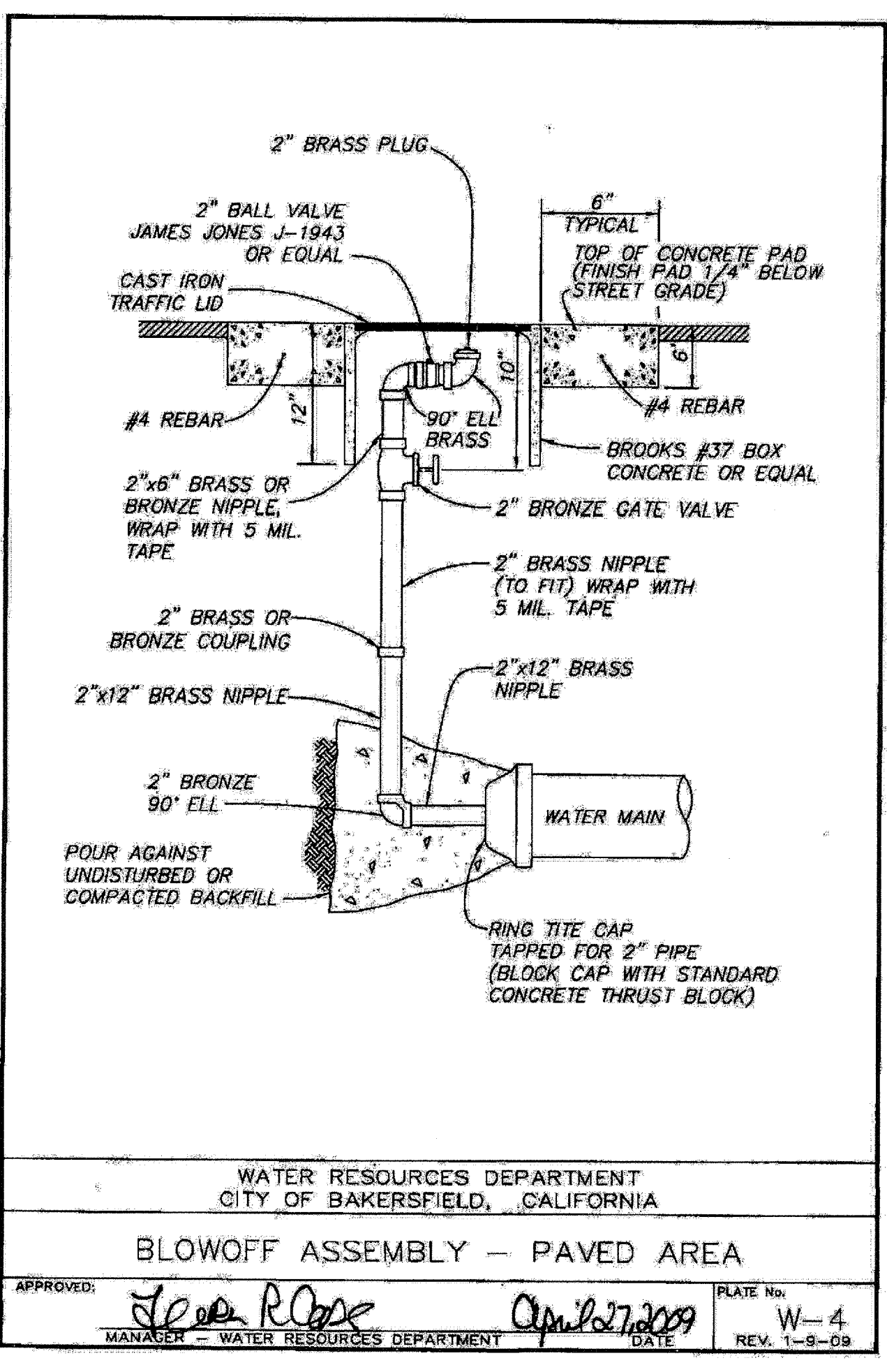
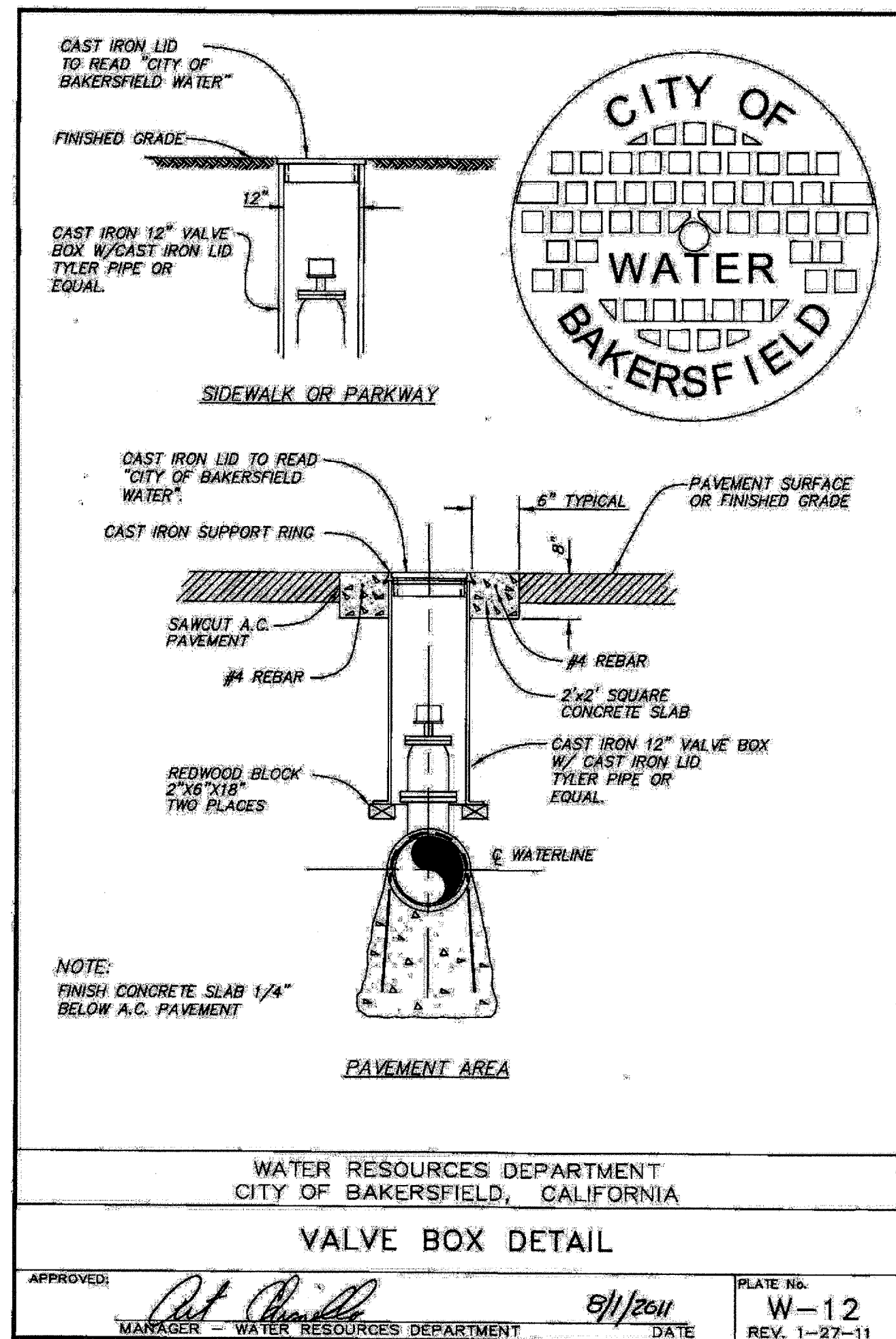
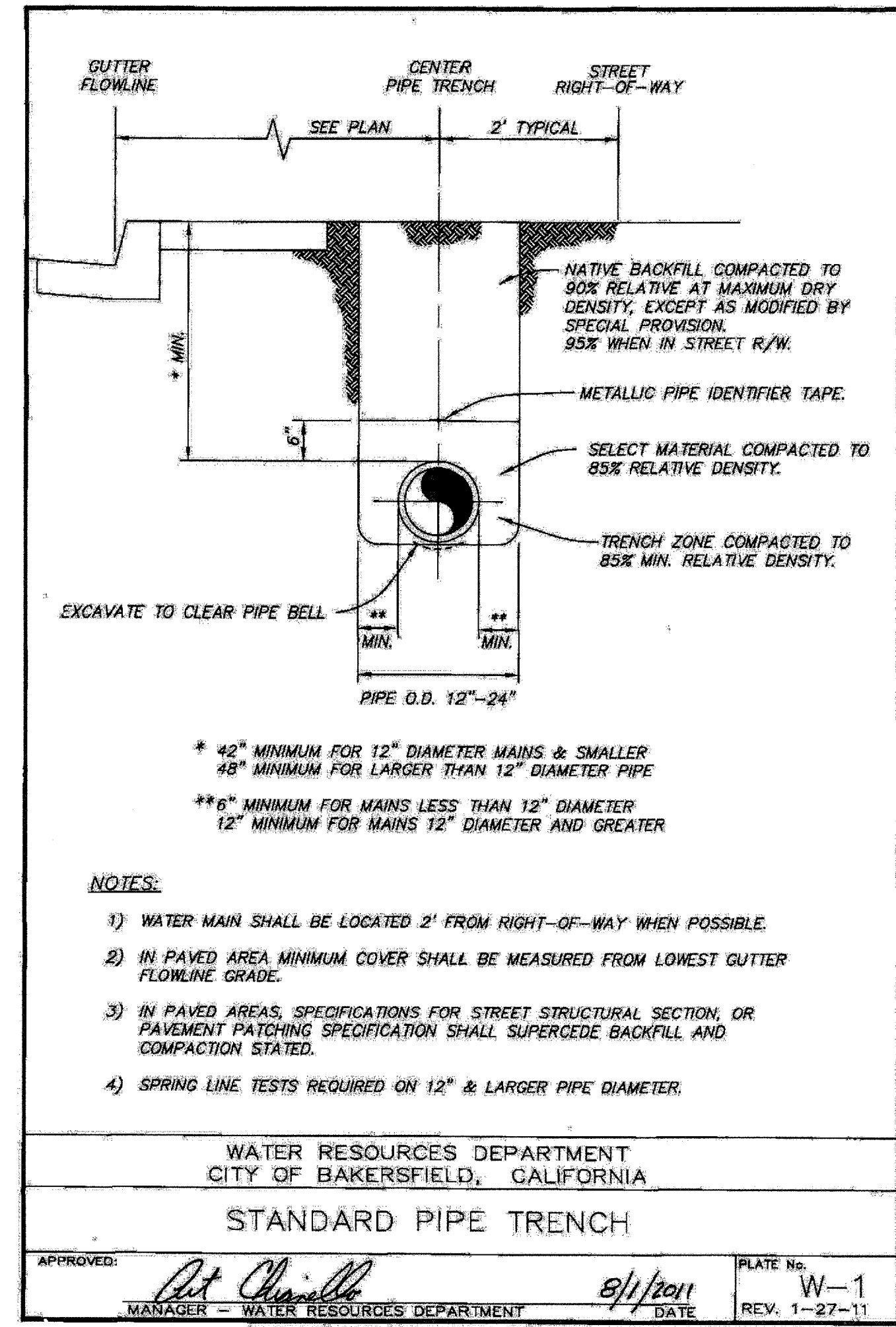
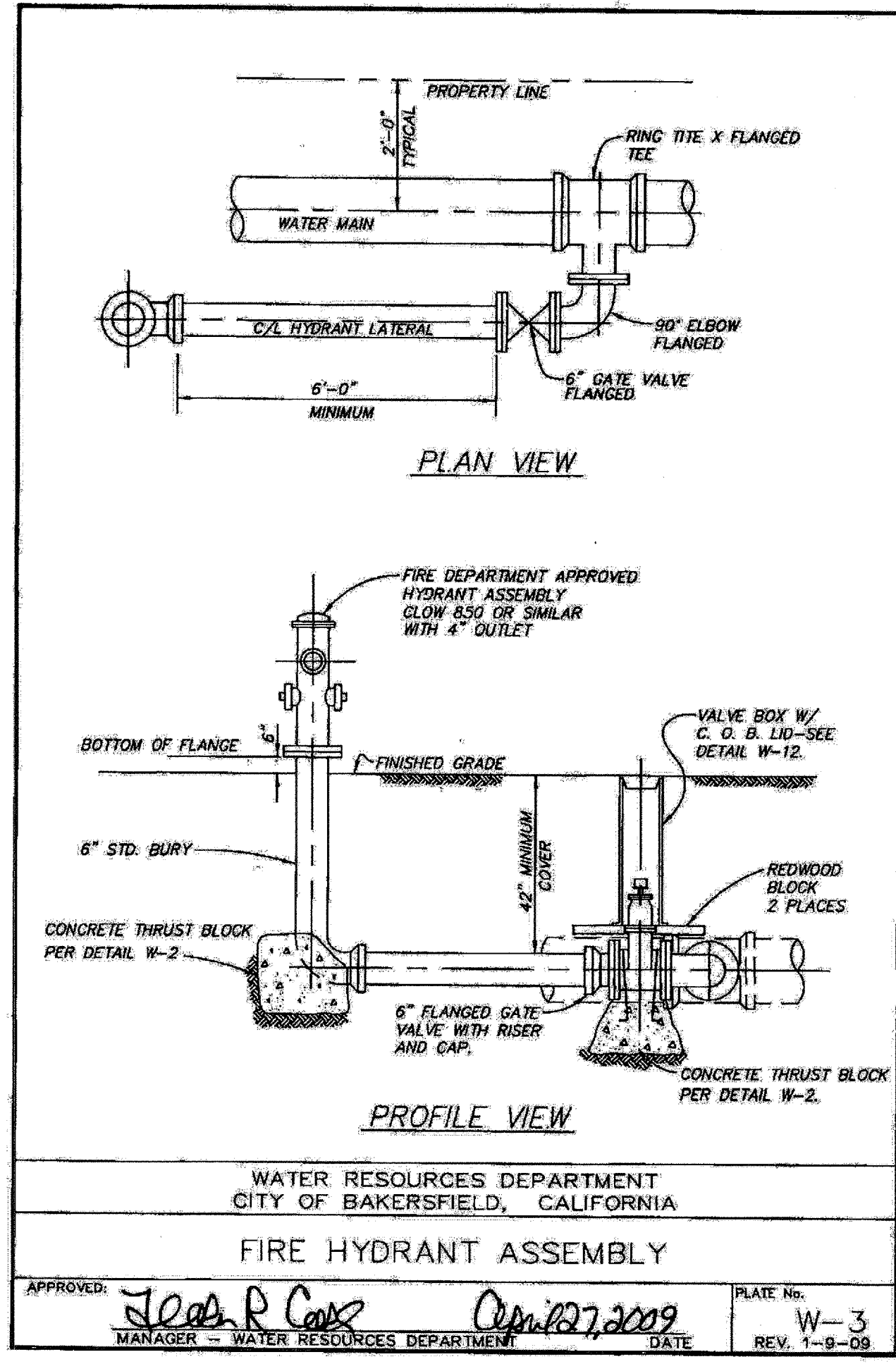
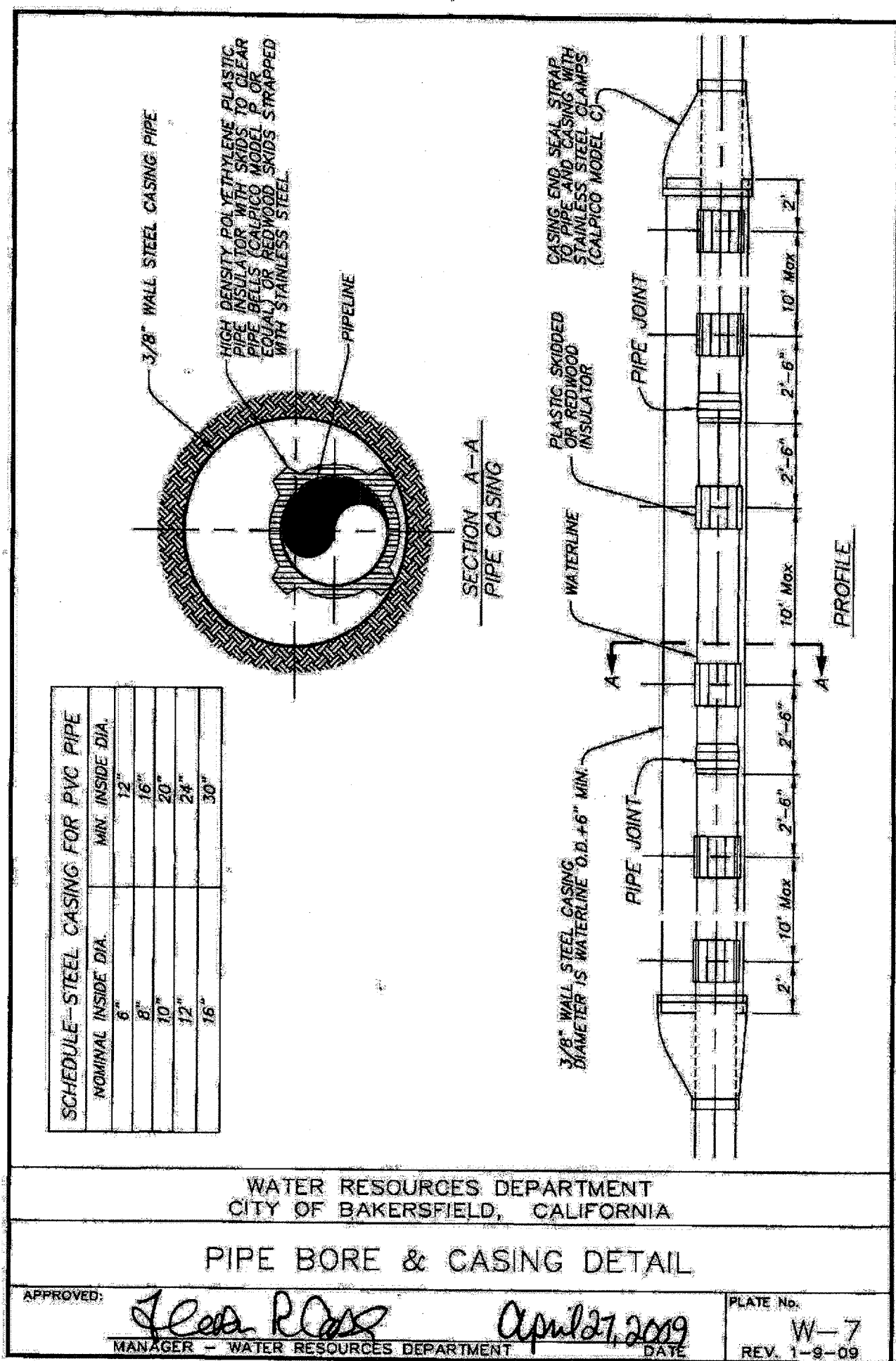
Project Name & Address:
Sheet Title:
Issue Date: 11/13/14
Date: 05/06/16
Designer:
DR:
PC: CJH

Agency Approval Stamp:
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No. C 28866
STATE OF CALIFORNIA

Job No.: 5127
Sheet No.: A1.05
Release: _____

1" = 40'-0"
 1" = 30'-0"
 1" = 20'-0"
 1" = 1'-0"
 1" = 1'-0"



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Project Name & Address: **4 RELOCATING CLASSROOMS & TOILET BLDG WASHINGTON MIDDLE SCHOOL**
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE. BAKERSFIELD, CA 93305

SITE DETAILS

Issue Date: 11/13/14
 Date: 05/06/16
 Designer: C.H.
 D.R.
 P.S.

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 DATE: *05/31/2016*
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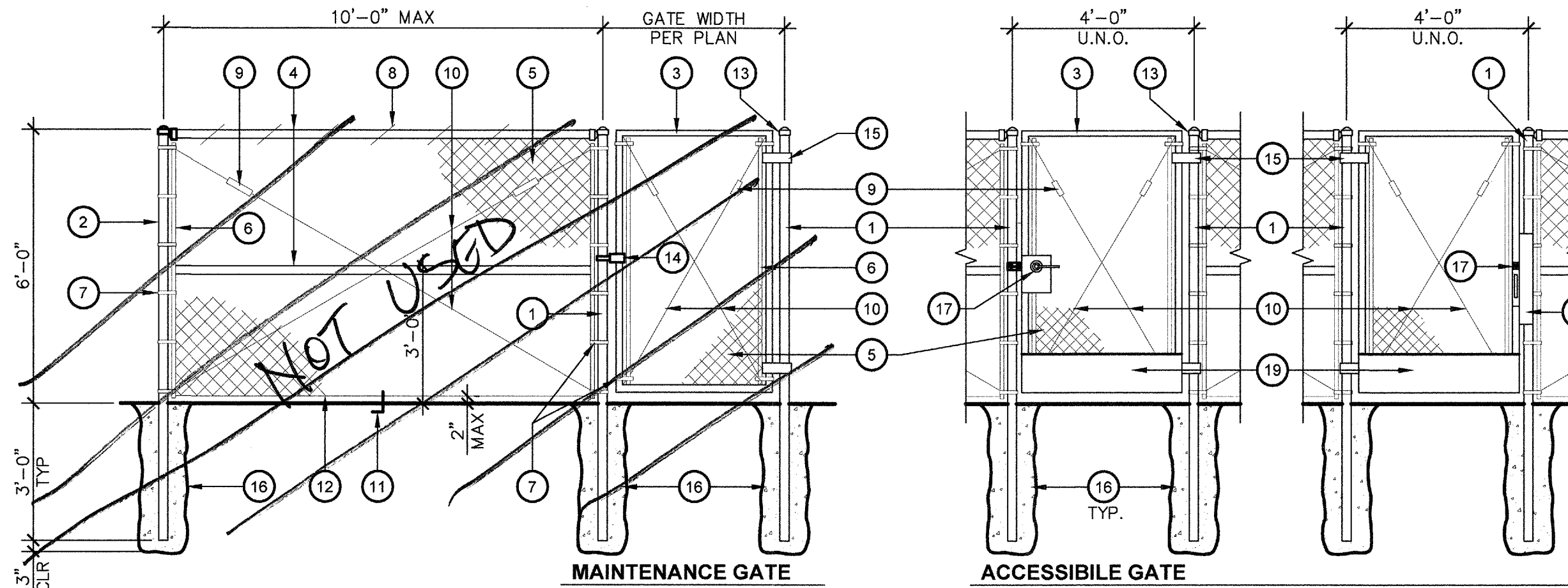
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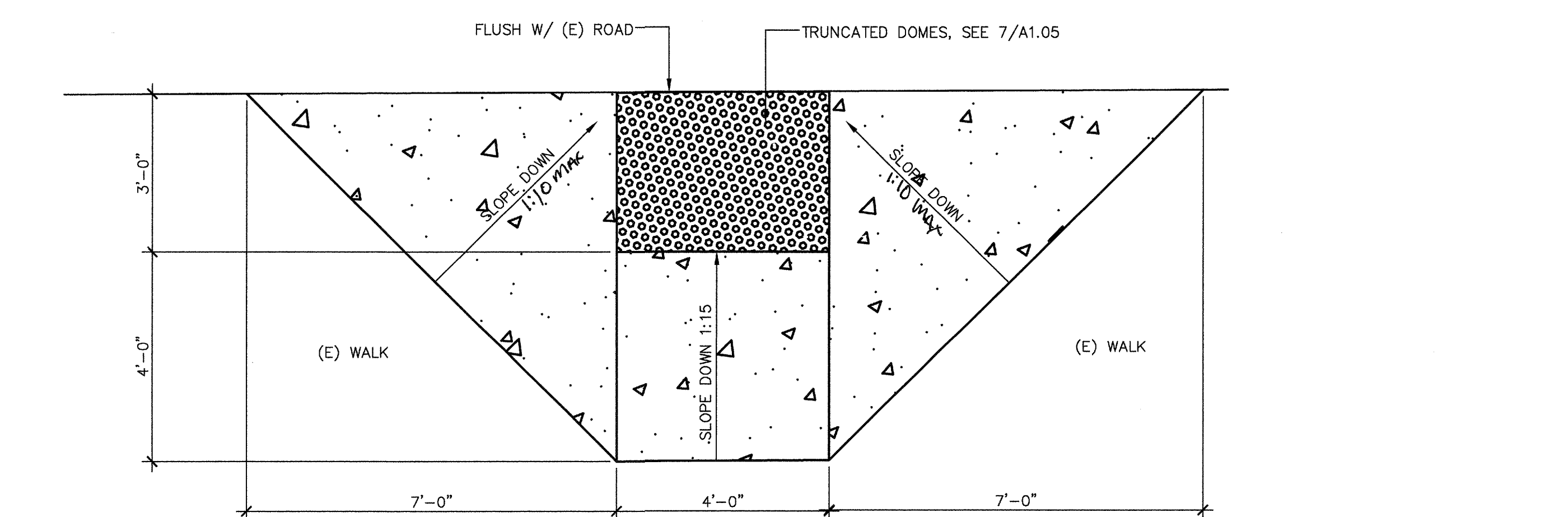
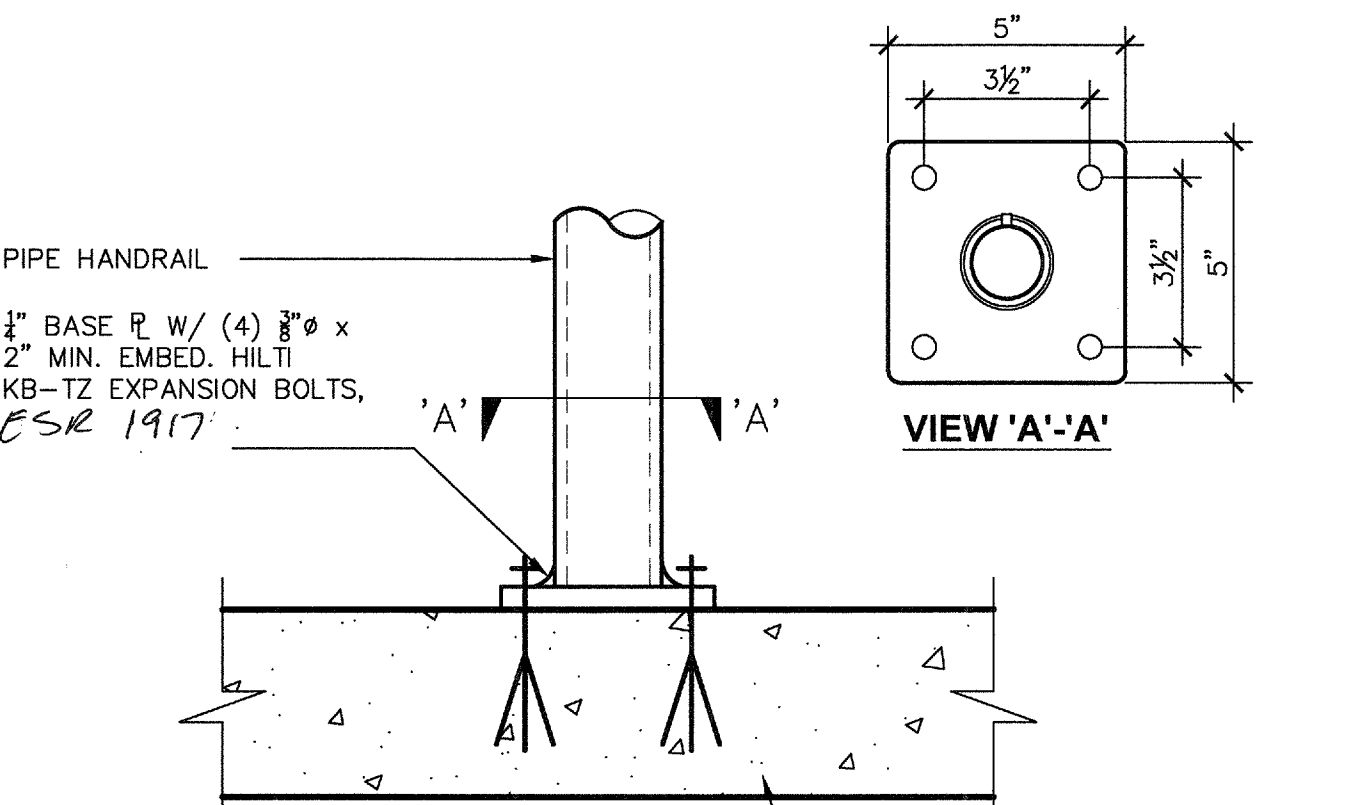
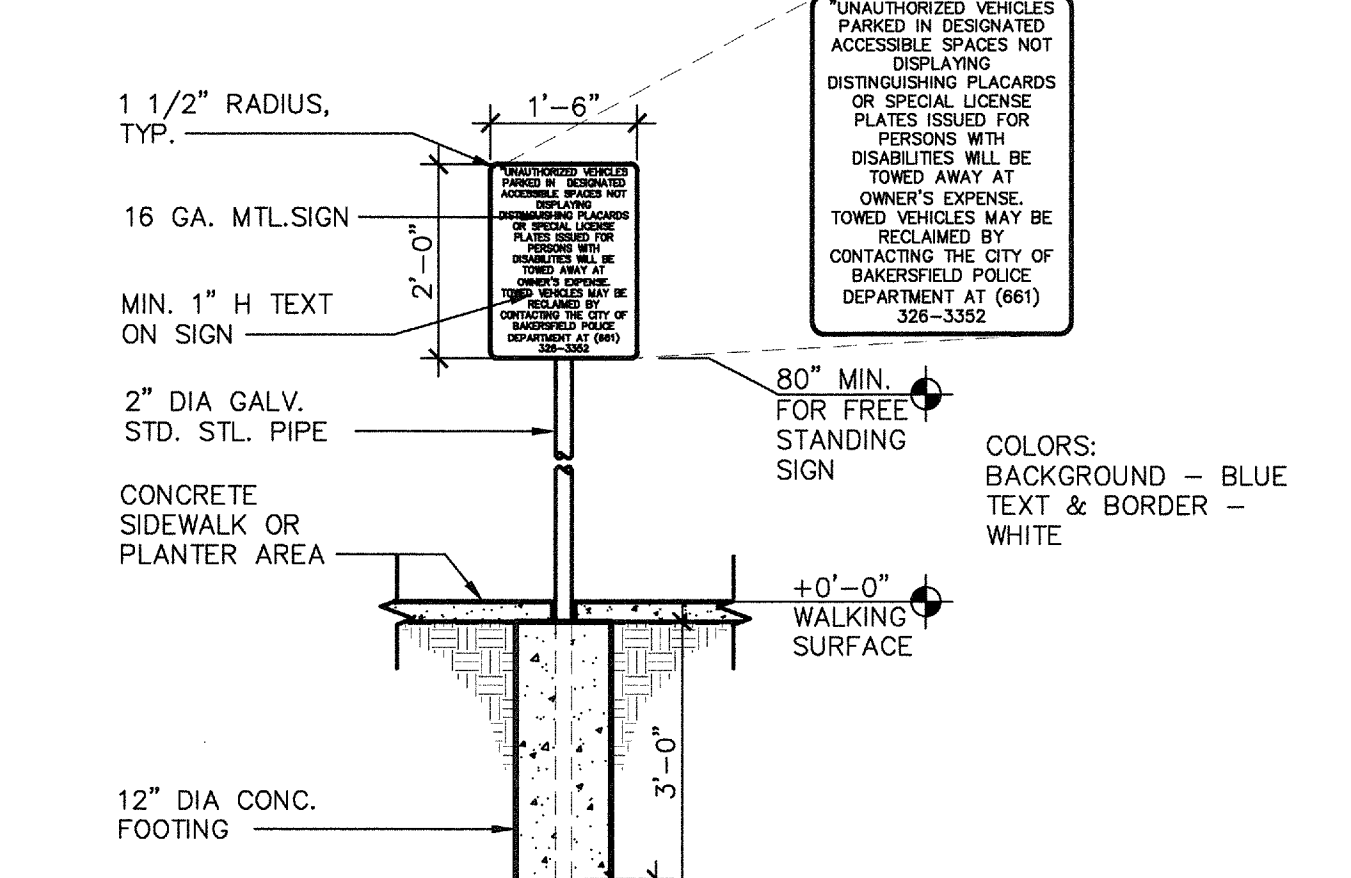
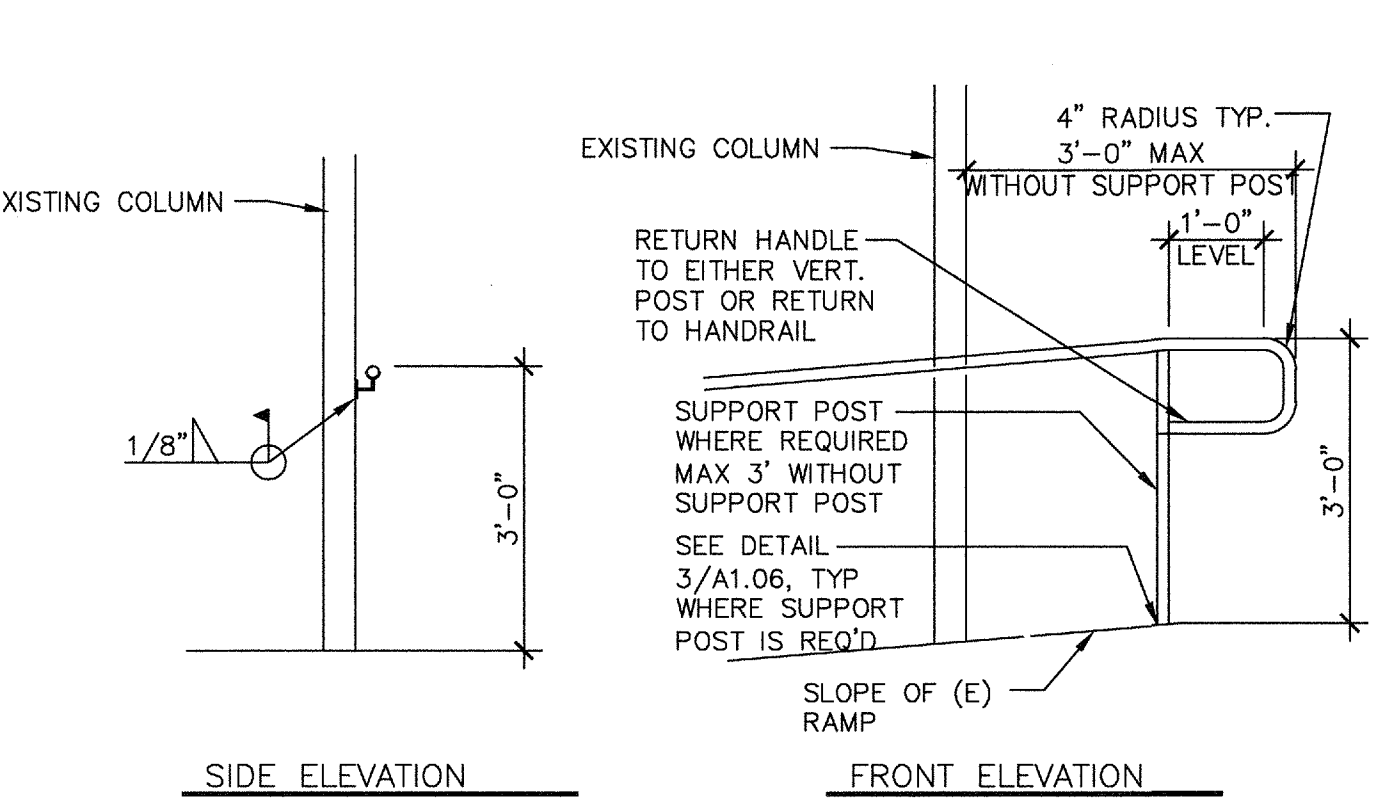
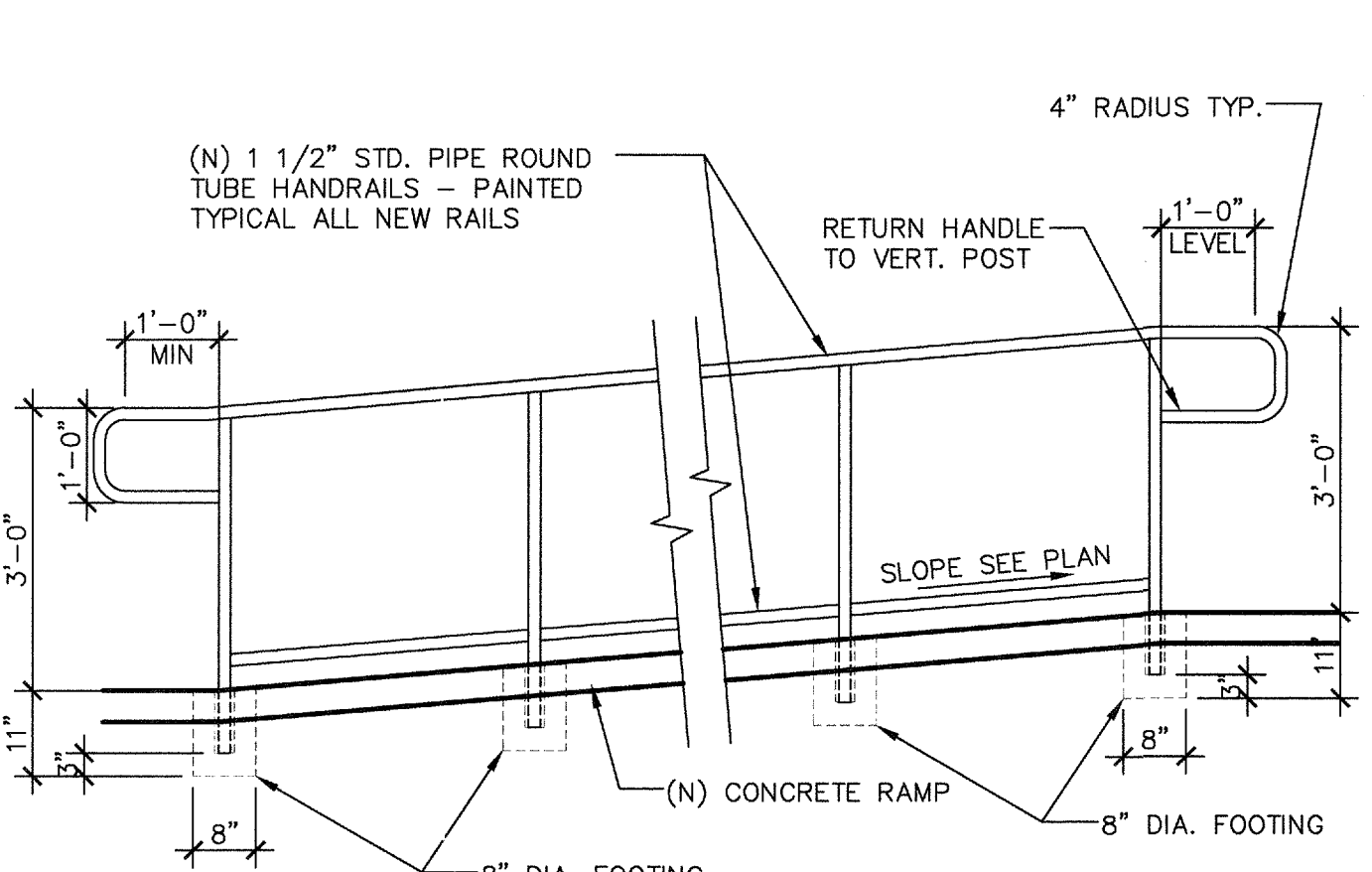
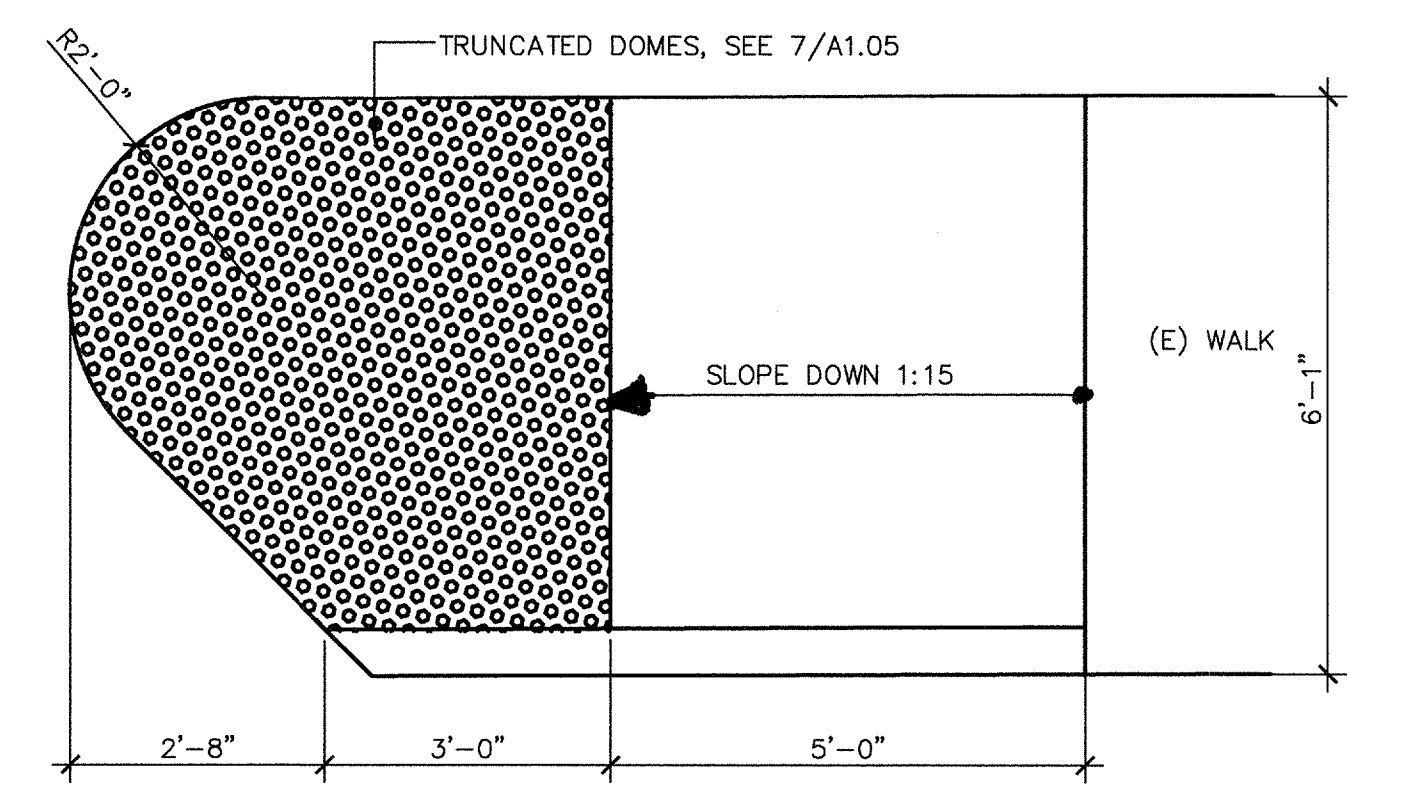
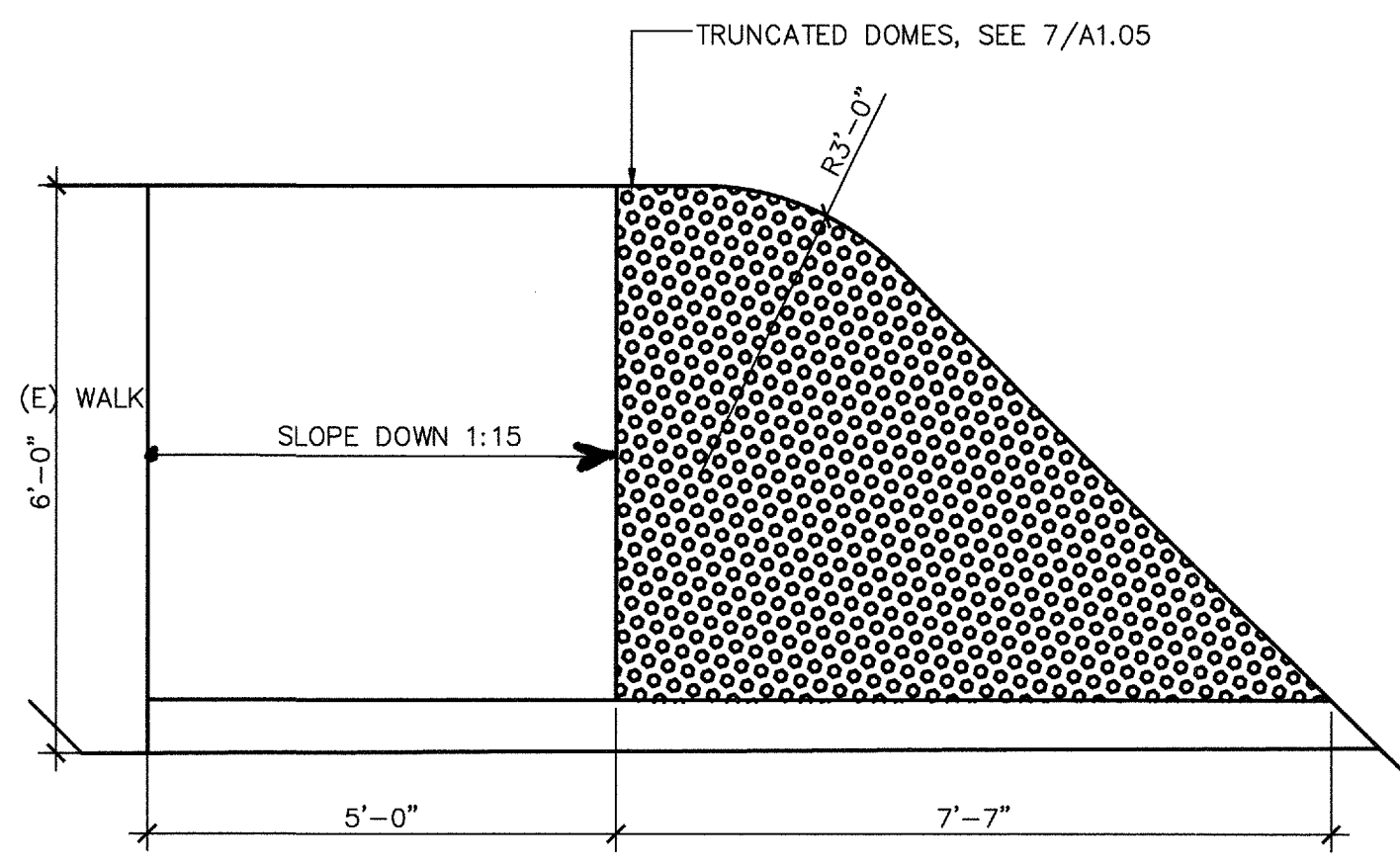
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1000



- TYPICAL FENCE & GATE KEYNOTES**
- 4" O.D. GALVANIZED STEEL GATE POST (9.1 lb/ft)
 - 2 7/8" O.D. GALVANIZED STEEL END OR CORNER POST (5.79 lb/ft)
 - 2" O.D. GALVANIZED STEEL GATE FRAME (2.72 lb/ft)
 - 1 5/8" O.D. GALVANIZED STEEL HORIZONTAL RAIL (2.27 lb/ft)
 - 2"x2" MESH x 9 GAUGE GALVANIZED FENCE FABRIC WITH KNUCKLED TOP AND BOTTOM SELVAGE. FENCE FABRIC TO BE GALVANIZED BEFORE WEAVING (GBW)
 - 1/4"x3/4" GALVANIZED STEEL STRETCHER BAR
 - GALVANIZED STEEL STRETCHER BAR TENSION BAND, MIN. OF 6 TENSION BANDS
 - 9 GAUGE (0.148" DIA.) GALVANIZED STEEL TIE WIRES OR HOG RINGS AT 15" MAX. SPACING. MIN. 8 TIE WIRES PER EACH 10" HORIZONTAL RAIL
 - GALVANIZED ADJUSTABLE TURNBUCKLE FOR 3/8" DIA. TRUSS ROD
 - 3/8" DIA. GALVANIZED STEEL ADJUSTABLE TRUSS ROD. TRUSS RODS REQUIRED FOR ALL GATE POST PANELS AND END OR CORNER POST PANELS
 - 3/8"x6" GALVANIZED HOOK BOLT WITH NUT IMBEDDED IN MIDWAY BETWEEN POSTS
 - 7 GAUGE (0.177" DIA.) GALVANIZED STEEL TENSION WIRE
 - RAINPROOF CAP
 - LOCKING HASP
 - 180° GATE HINGE, TYP
 - 12"Ø CONCRETE POST FOOTING (TYP.)
 - TRIM, LEVER HANDLE & RIM CYLINDER LOCK PER DISTRICT STANDARD 34" - 44"
 - 16ga GATE GUARD
 - 10" HIGH x GATE WIDTH, 16 ga POWDER-COATED METAL KICK PLATE, TYP BOTH SIDES OF GATE.



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Rev. Date	Rev. Description

SITE DETAILS

Project Name & Address
4 RELOCATABLE CLASSROOMS & 1 TOILET BLDG
WASHINGTON MIDDLE SCHOOL DISTRICT
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE AVE. BAKERSFIELD, CA 93305

Issue Date: 11/13/14
Date: 05/06/16
Designer: [Signature]
DR: [Signature]
PC: C-JH

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03-117025
AC. [Signature] FL. [Signature] SS. [Signature]
DATE: 05/31/2016
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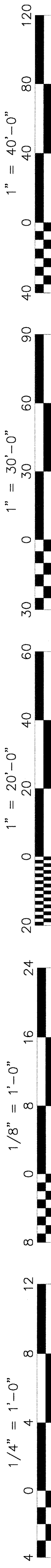
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REGISTERED ARCHITECT
CORTIS E. FLYNN
No. C 28865
EXPIRES 5-31-2017
STATE OF CALIFORNIA

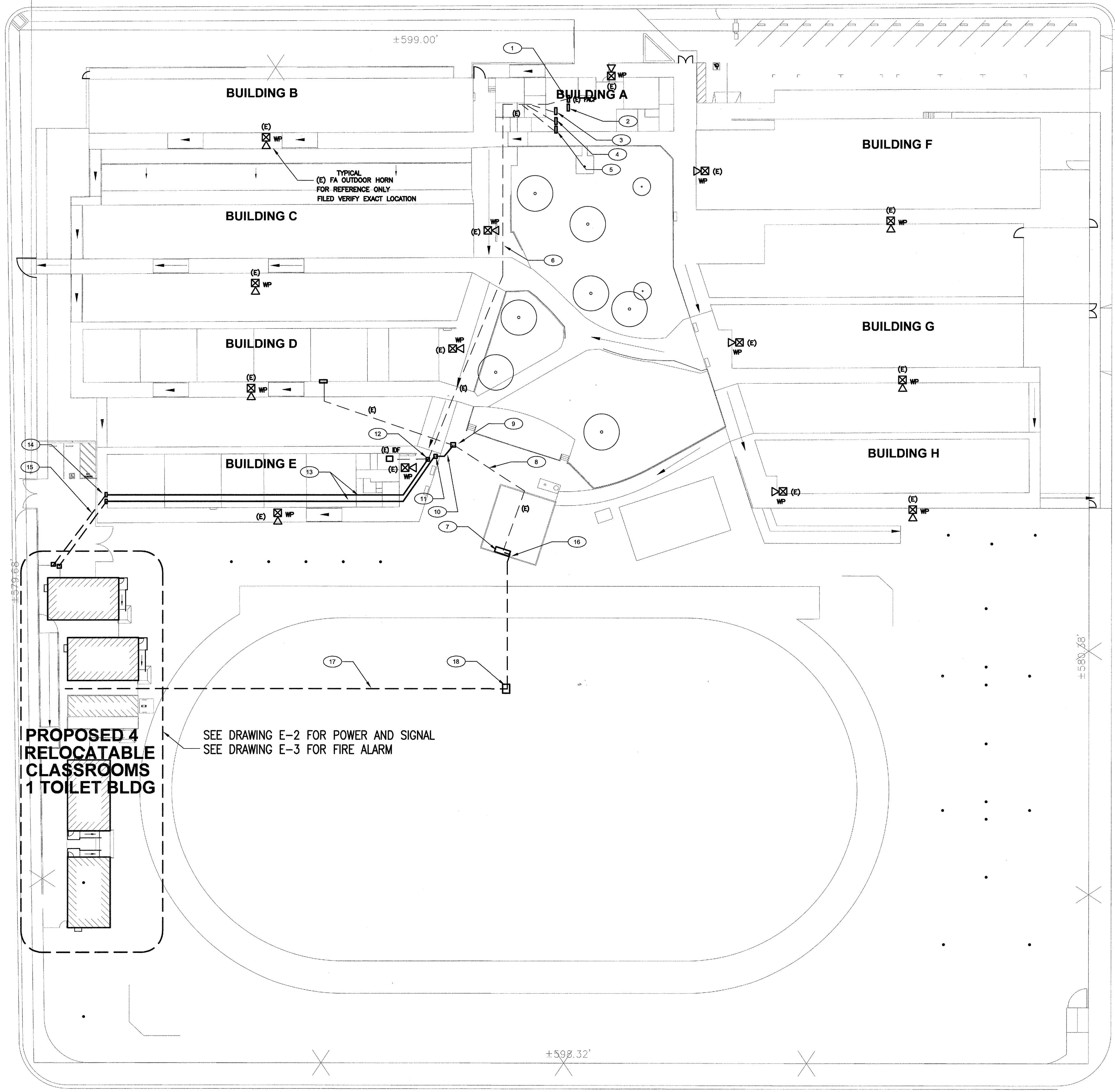
Job No: **5127**

Sheet No: **A1.08**

Release: -



BUCKNELL STREET



SITE PLAN - ELECTRICAL
3 RELOCATABLE CLASSROOM

SCALE : 1" = 30' - 0"

PROJECT NOTES

- SOURCE OF POWER HAS BEEN INVESTIGATED AND IS ADEQUATE FOR THE ADDITIONAL LOAD.
- SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TEST.
- CONTRACTOR TO MONITOR EXISTING FIRE ALARM SYSTEM IF IT IS INTERRUPTED OR DISCONNECTED.

SHEET NOTES

- APPROXIMATE LOCATION FOR EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL TO REMAIN IN SERVICE. PROVIDE CONNECTION TO NEW FIRE ALARM DEVICES PER PLANS. UPDATE NEW FIRE ZONE MAP AND PROGRAM NEW DEVICES INFORMATION. MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH HAC SIGNAL CIRCUITS, AND FACT STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
- FURNISH AND INSTALL A NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. SURFACE MOUNT NEXT TO (E) FACE. FILED VERIFY EXACT LOCATION. PROVIDE 110V POWER CONNECTION FROM EXISTING FACP DEDICATED CIRCUIT. SEE FA DRAWING E-3 RISER DIAGRAM.
- APPROXIMATE LOCATION FOR EXISTING P/V/C EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
- APPROXIMATE LOCATION FOR EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
- APPROXIMATE LOCATION FOR EXISTING MASTER INTRUSION ALARM EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
- (E) SIGNAL CONDUITS, PULL IN NEW SIGNAL CABLES FOR NEW SIGNAL DEVICES CONNECTION. FIELD VERIFY LOCATION. SEE RISER DIAGRAMS.
- (E) MAIN SWITCHBOARD MSB, PROVIDE NEW MATCHING BREAKERS AND POWER CONNECTION FOR NEW PORTABLE CLASSROOM BUILDING PRE-WIRED PANELS. SEE SINGLE LINE DIAGRAMS.
- (E) U.G POWER CONDUITS AND FEEDERS TO REMAIN, PULL IN ADDITIONAL NEW CONDUITS PER PLANS, SEE SINGLE LINE DIAGRAM.
- APPROXIMATE LOCATION FOR EXISTING POWER PULL BOX TO REMAIN. INSTALL NEW CONDUIT AND CONDUCTORS PER PLANS, SEE SINGLE LINE DIAGRAM.
- TRENCHING AND INSTALL NEW U.G POWER CONDUITS AND FEEDERS PER PLANS, FILED VERIFY LOCATION, SEE SINGLE LINE DIAGRAM.
- NEW POWER PULL CAN ABOVE EXISTING COVER WALKWAY, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
- INTERCEPT EXISTING SIGNAL CONDUITS ABOVE COVER WALKWAY, INSTALL NEW CONDUITS AND PULL BACK NEW SIGNAL CABLES PER PLANS, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
- INSTALL NEW POWER AND SIGNAL CONDUITS ON ROOF, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
- NEW POWER AND SIGNAL PULL CAN ON EXTERIOR WALL, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
- TRENCHING AND INSTALL NEW U.G POWER AND SIGNAL CONDUITS PER PLANS, SAW CUT AND PATCH EXISTING GROUND AS REQUIRED. FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
- INSTALL NEW CONDUIT AND FEEDER PER PLANS, CORE DRILL AND SEAL CHJ WALL AS REQUIRED. FILED VERIFY LOCATION, SEE SINGLE LINE DIAGRAM.
- TRENCHING AND INSTALL NEW U.G POWER CONDUITS PER PLANS, SAW CUT AND PATCH EXISTING GROUND AS REQUIRED. FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
- FURNISH AND INSTALL CRIST NSO PULL BOX WITH TRAFFIC COVER. FILED VERIFY LOCATION, SEE RISER DIAGRAMS.

(E) --- INDICATE EXISTING CONDUIT AND WIRING. FOR REFERENCE ONLY, FIELD VERIFY AS REQUIRED.

MEP COMPONENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE OSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAILS IS REQUIRED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBS, SECTIONS 1010A.1.10 THROUGH 1010A.1.28 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR HEAT.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 6 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAIL ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- 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.
- 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 HANG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE SEA-REGISTERED STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH 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 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 12.2.4.4, 13.6.2.2.6 AND 2013 CBS, SECTION 1010A.1.23, 1010A.1.24, 1010A.1.25 AND 1010A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH OR OF THE OSA PRE-APPROVALS (CPM #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

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Rev. No.	Date	Description

SITE PLAN - ELECTRICAL

WASHINGTON MIDDLE SCHOOL
 4 RELOCATABLE CLASSROOMS AND 1 TOILET BLDG
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE., BAKERSFIELD, CA 93305

Project Name & Address

Issue Date: 11/13/14
 Date: 08/05/15
 Designer: J CHONG
 DR: J CHONG
 PC: C/M

Agency Approval Stamp:

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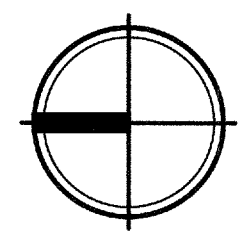
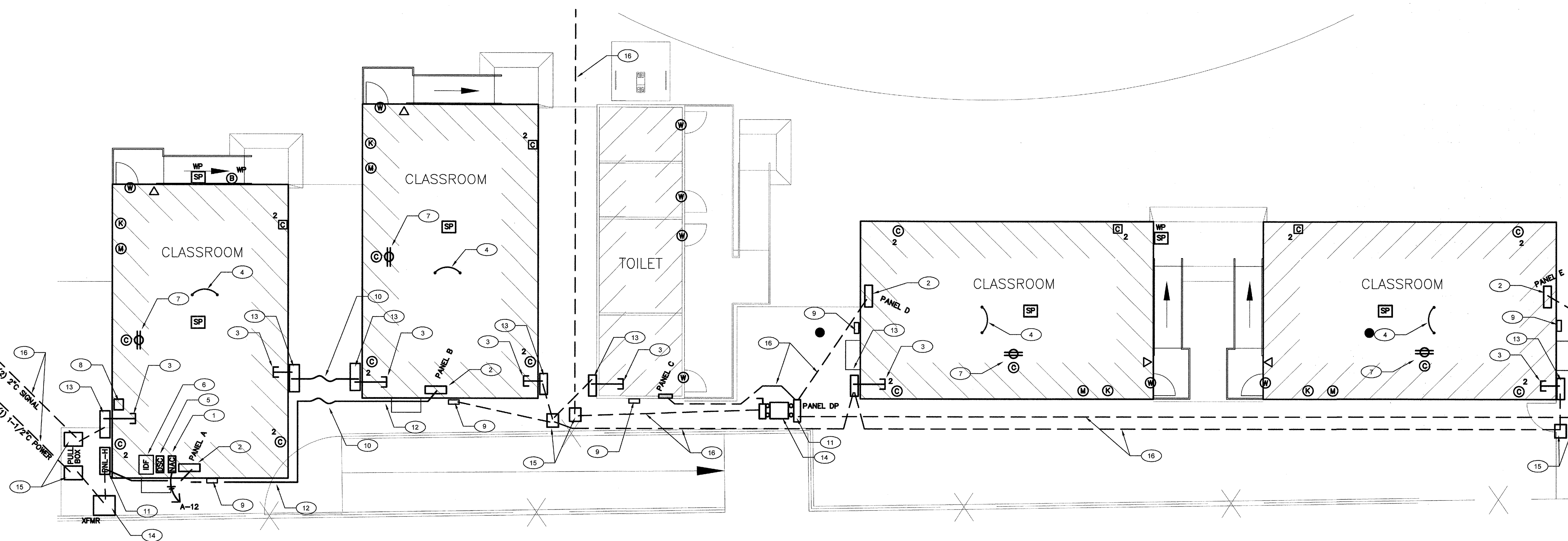
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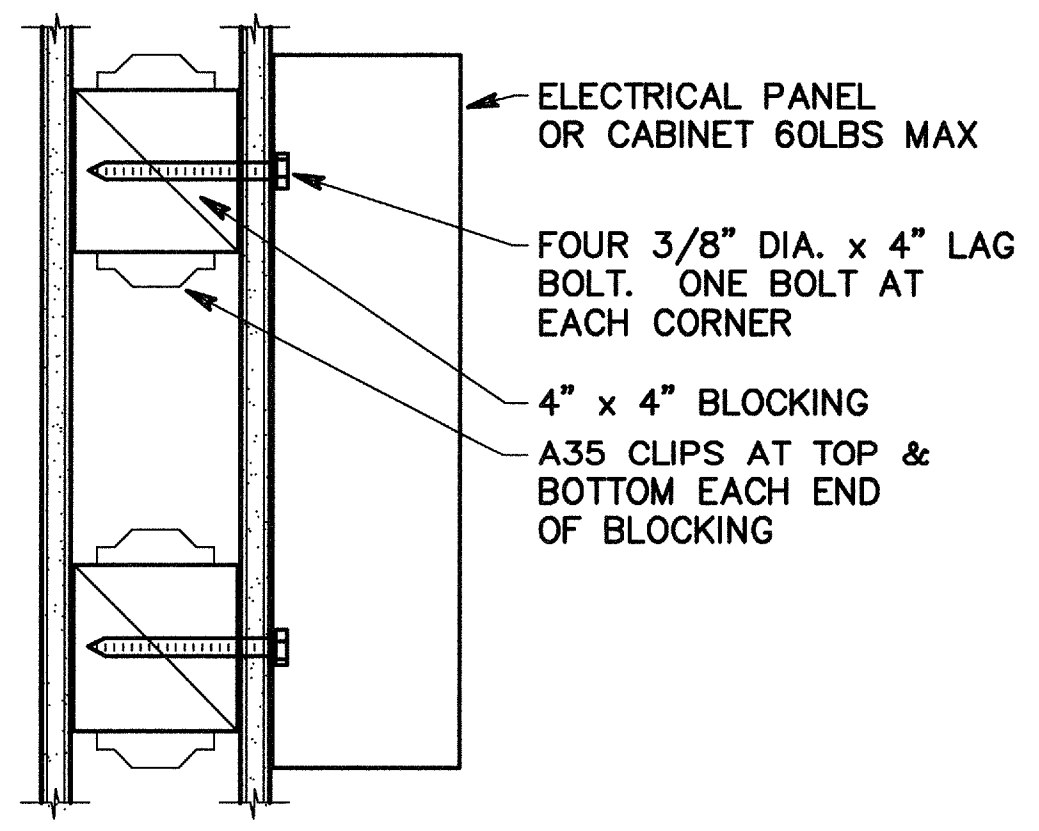
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POWER AND SIGNAL PLAN
4 RELOCATABLE CLASSROOMS 1 TOILET BLDG

PANEL A		120/240V 1Ø 3W		REAR	FLUSH
		100 AMP MAIN BREAKER		10,000 AIC	NEMA 1
EXT	SERVING	NOTE	AVG	AVG	SERVING
			ØA	ØB	
1	RECEPTACLE	12/12 20/1	0.7(7.1)	60/2 8 10	HVAC 3.5 TON
3	RECEPTACLE	12/12 20/1		20/1 12/12	SPACE
6	SPACE	12/12 20/1		20/1 12/12	SPACE
7	SPACE	12/12 20/1	0.8	20/1 12/12	SPACE
8	INT/EXT LIGHTS	12/12 20/1	0.8(0.1)	20/1 12/12	2 FIRE ALARM NAC PANEL
11	INT LIGHTS	12/12 20/1		20/1 12/12	2 FIRE ALARM NAC PANEL
			8.7KVA	8.7KVA	
			72A	72A	

NOTES:
1. PROVIDE CIRCUIT DIRECTORY INSIDE PANEL.
2. PROVIDE NEW WATCHING BREAKER AND MECHANICAL LOCK ON BREAKER PER NFPA 72, 10.6.5.2: DEDICATED CIRCUIT, MECHANICALLY PROTECTED (LOCKOUT), RED MARKING, ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, ID'D AS FIRE ALARM, EMERGENCY COMMUNICATIONS OR FIRE ALARM/ECS. LOCATION OF CIRCUIT DISCONNECT (BREAKER) PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.



1 SURFACE MOUNTED IDF DETAIL
N.T.S

FIRE ALARM SEQUENCE OF OPERATIONS

	MANUAL PULL STATION	SMOKE DETECTORS:	HEAT DETECTORS:	DUCT DETECTOR	FIRE SPRINKLER WATERFLOW SWITCH	FIRE SPRINKLER TAMPER SWITCH	POST INDICATOR VALVE	WIRING CONDITIONS:	INITIATING DEVICE CIRCUIT (DC)-	NOTIFICATION APPLIANCE CIRCUIT (NAC)-	LOSS OF 120VAC POWER	SIGNAL SILENCE	RESET FAULT
ACTIVATE ALARM FAULT	X												
ACTIVATE ALARM AT REMOTE ANNUNCIATOR	X												
ACTIVATE TROUBLE SIGNAL AT FAULT	X												
ACTIVATE TROUBLE SIGNAL AT REMOTE ANNUNCIATOR	X												
ACTIVATE SUPERVISORY SIGNAL AT FAULT	X												
ACTIVATE SUPERVISORY SIGNAL AT REMOTE ANNUNCIATOR	X												
SEND ALARM OFF-SITE VIA COMMUNICATOR	X												
SEND SUPERVISORY SIGNAL OFF-SITE VIA COMMUNICATOR	X												
ACTIVATE ALARM/NOTICE SIGNALS	X												
ACTIVATE WATER FLOW BELL	X												
ACTIVATE WATER FLOW BELL	X												
SEVERELY FAULT SIGNAL	X												
ELEVATOR SHUNT TRIP	X												
SHUTDOWN HVAC UNITS	X												
SHUT FIRE/SMOKE DAMPERS	X												
SHUT DOWN FIRE ALARMS	X												
ACTIVATE BATTERY BACK-UP	X												
ACTIVATE ALARM/NOTICE SIGNALS	X												
DEACTIVATE ALARM/NOTICE SIGNALS	X												
RESET 24V 4-WIRE LEWIS	X												
SYSTEM MANUAL	X												

SHEET NOTES

- APPROXIMATE LOCATION FOR NEW FIRE ALARM SIGNAL AND AUDIO BOOSTER PANEL. PROVIDE 110V POWER CONNECTION AND DEDICATED CIRCUIT FROM PANEL A-12. SEE DRAWING E-3 FOR MORE INFORMATION.
- PROVIDE POWER CONNECTION FOR RELOCATABLE BUILDING PRE-WIRED PANEL. SEE SINGLE LINE DIAGRAM ON DRAWING E-4.
- PROVIDE 2" EMT BETWEEN BUILDINGS AND STUB INTO BUILDING CEILING CAVITY FOR SIGNAL WIRING RACEWAY. CORE DRILL AND SEAL EXTERIOR WALL AS REQUIRED. PULL BACK PA/IC/TELE CABLE TO ADMIN OFFICE MASTER EQUIPMENT FOR NEW DEVICES CONNECTION. SEE RISER DIAGRAM.
- PROVIDE #4 COPPER GROUNDING CONDUCTOR AND BOND TO EACH SECTION STRUCTURAL STEEL BEAM. FIELD VERIFY EXACT LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- NEW SECURITY ALARM PANEL AND SYSTEM. PROVIDE 110V POWER CONNECTION AND INTERCONNECTION TO (3) MASTER EQUIPMENT IN ADMIN OFFICE. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
- NEW IDF AND CABINET SURFACE MOUNTED BELOW CEILING. PROVIDE 110V POWER CONNECTION, DATA SWITCH, FO CABLE AND DATA CABLE PATCH PANEL FOR NEW DATA OUTLET CONNECTION. PROVIDE FO CABLE TO (E) MOF IN ADMIN OFFICE FOR INTERCONNECTION. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
- DATA AND POWER OUTLET AT CEILING FOR SMART BOARD. FIELD VERIFY EXACT LOCATION AND REQUIREMENT WITH OWNER PRIOR TO INSTALLATION. SEE RISER DIAGRAM.
- PROVIDE 50 PAIR PUNCH DOWN BLOCK AND SURFACE MOUNTED BELOW CEILING FOR INTERCOM / TELEPHONE WIRING TERMINATION.
- PROVIDE NEW FA PULL BOX. SEE DRAWING E-3 FOR MORE INFORMATION.
- PROVIDE FLEX CONDUIT RACEWAY BETWEEN BUILDINGS AS REQUIRED.
- NEW FREE STAND MOUNTED DIST. PANEL. PROVIDE NEW CONDUITS AND FEEDERS FOR NEW PRE-WIRED PANEL POWER CONNECTION. SEE SINGLE LINE DIAGRAM.
- NEW SURFACE MOUNTED POWER CONDUITS AND FEEDERS. SEE SINGLE LINE DIAGRAM.
- NEW 24"x24"x4" NEMA3R SIGNAL TO SURFACE MOUNTED ON EXTERIOR WALL. PROVIDE (2) 2" STUB INTO BUILDING ATTIC CAVITY. SEE SIGNAL RISER DIAGRAM.
- NEW PAD MOUNTED STEP DOWN TRANSFORMER. PROVIDE CONCRETE PAD AND DISCONNECT SWITCH. SEE SINGLE LINE DIAGRAM.
- PROVIDE NEW PULL BOXES FOR NEW UNDERGROUND POWER AND SIGNAL CONDUITS INSTALLATION. FIELD VERIFY LOCATION.
- TRENCHING AND INSTALL NEW UNDERGROUND POWER AND SIGNAL CONDUITS. SAW CUT AND PATCH EXISTING GROUND AS REQUIRED. SEE RISER DIAGRAM.

SIGNAL AND COMM. LEGEND

- SECURITY ALARM SYSTEM**
- DISC: DIGITAL SECURITY ALARM CONTROL PANEL, MODEL SCONTROL (44ZONE), INTERFACE WITH EXISTING BUILDING MASTER SECURITY ALARM PANEL AS REQUIRED.
 - K: LOO KEYPAD - MATCH EXISTING EQUIPMENT AS REQUIRED.
 - M: DUAL TECHNOLOGY CEILING MOUNT DETECTOR. MATCH EXISTING EQUIPMENT AS REQUIRED.
 - B: EXTERIOR BELL (SREX) - DISCONNECT WITH WEATHERPROOF BACKBOX AND TAMPER SWITCH.
 - W: DOOR CONTACT SWITCH. RECESS ABOVE DOOR JAMB AT OPEN SIDE.
 - B: INDOOR SECURITY ALARM CABLE. WEST PENN #241
 - B1: OUTDOOR SECURITY ALARM CABLE. WEST PENN #AQC224
- COMMUNICATION (TELEPHONE/INTERCOM) SYSTEM**
- W/P: HANDBSE/P PHONE - FIELD VERIFY MODEL NO. AND MATCH EXISTING MASTER EQUIPMENT AS REQUIRED.
 - SP: CEILING SPEAKER - RAUAND JUS2221 W/ACC1000 Baffle. PROVIDE BACKBOX AND CEILING SUPPORT AS REQUIRED.
 - W/P: OUTDOOR SPEAKER - ATLAS #AP15 HORN W/FAIR AND LONELL (#C384 FOR SURFACE, #P876X FOR RECESS) BACK BOX W/SOLK GRILL AND 12 PAIR UNSHELD CABLE.
 - T: OUTDOOR TELE/IC CABLE. 22AWG SOLID COPPER 12 PAIR SHELD AND 12 PAIR UNSHELD CABLE.
 - T1: INDOOR TELEPHONE CABLE. CAT.3 22AWG SOLID COPPER 4UTP SHELD CABLE.
 - P1: OUTDOOR PA/IC CABLE - WEST PENN #AQC-369
- DATA COMMUNICATION SYSTEM**
- Q2: DATA OUTLET - LEVITON CAT 5E (DUAL RECEPTACLE RED IN COLOR FOR ADMINISTRATIVE)
 - Q2: DATA OUTLET - LEVITON CAT 5E (DUAL RECEPTACLE BLUE IN COLOR FOR INSTRUCTIONAL)
 - FO: FIBER OPTIC CABLE VIA INNER DUCT WITH J-HOOK IN ATTIC AND 2" FOR OUTDOOR. SEE RISER DIAGRAM FOR MODEL NO.
 - C1: (ONE) CAT 5E 22AWG 4UTP. SEE RISER DIAGRAM FOR MODEL NO.
 - C2: (TWO) CAT 5E 22AWG 4UTP. SEE RISER DIAGRAM FOR MODEL NO.
- NOTES:**
- ALL SIGNAL CONDUCTORS CANNOT SPlice INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN SIGNAL DEVICES BACK BOX OR ABOVE GROUND TERMINAL CABINET.

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Rev. Date: _____
Revision Description: _____

POWER AND SIGNAL PLAN

WASHINGTON MIDDLE SCHOOL
4 RELOCATABLE CLASSROOMS AND 1 TOILET BLDG
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE AVE., BAKERSFIELD, CA 93305

Project Name & Address: _____
Issue Date: 11/13/14
Date: 08/05/15
Designer: J CHONG
DR: J CHONG
PC: CUM

Agency Approval Stamp:

FILE #15-6
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OFFICE OF REGULATION SERVICES
03-117025
AC: _____ FLS: _____ SS: _____
DATE: 07/31/2016
TRACKING # DSA TRACKING NO

CONSULTING ENGINEERS **Chong**

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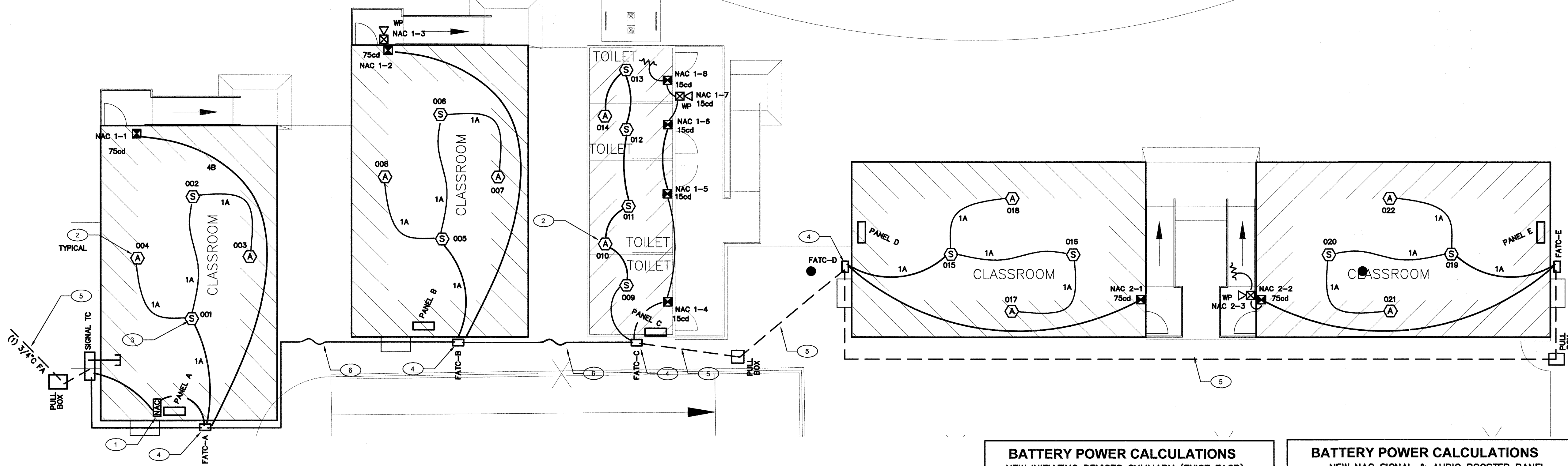
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jchong1neer@aol.com

Job No.: **5127**

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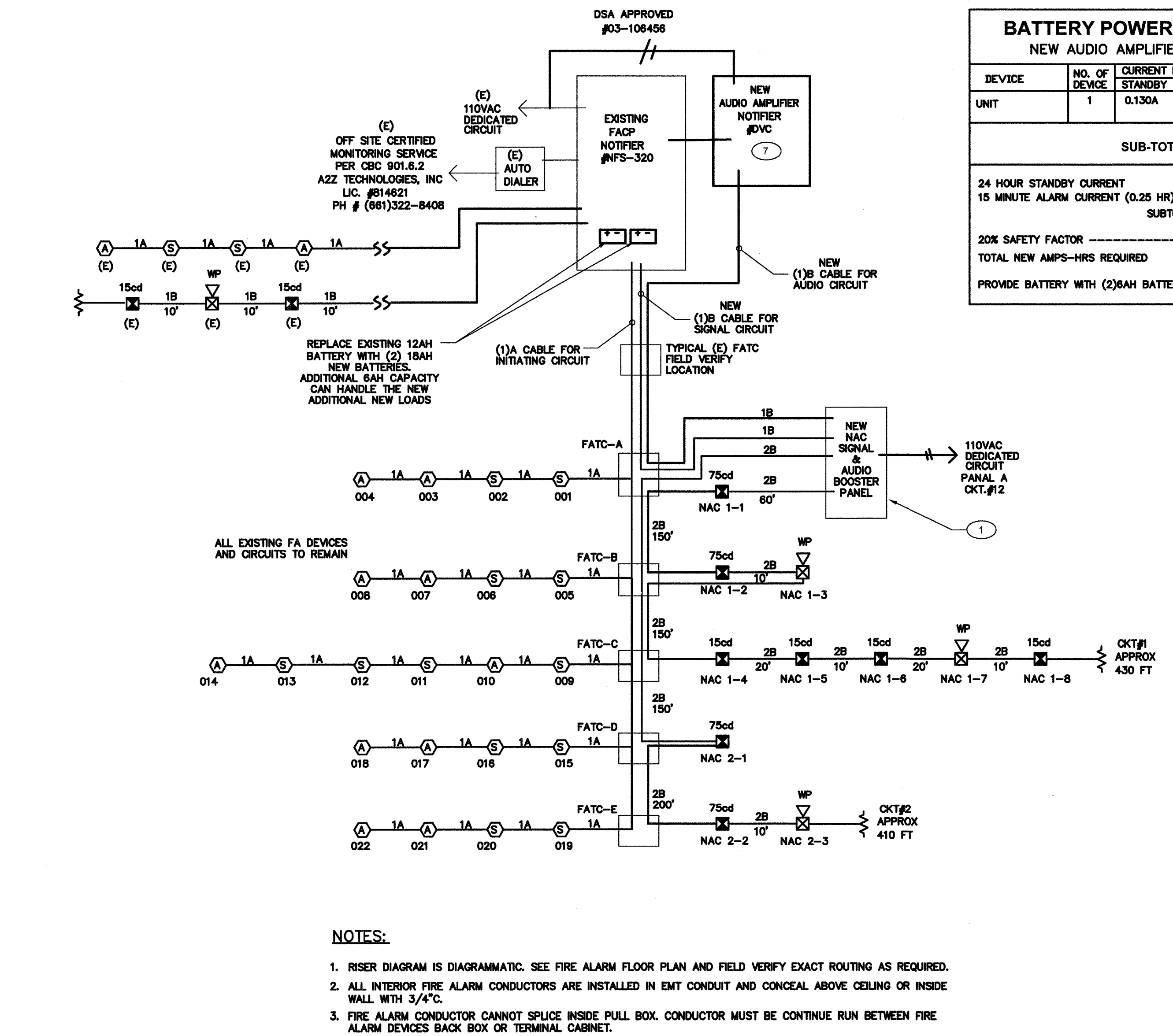
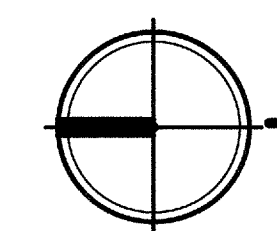
1" = 30'-0"
 1" = 40'-0"
 1" = 20'-0"
 1" = 1'-0"
 1/8" = 1'-0"
 1/4" = 1'-0"



FIRE ALARM PLAN

4 RELOCATABLE CLASSROOMS AND 1 TOILET BLDG

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



- NOTES:**
- RISER DIAGRAM IS DIAGRAMMATIC. SEE FIRE ALARM FLOOR PLAN AND FIELD VERIFY EXACT ROUTING AS REQUIRED.
 - ALL INTERIOR FIRE ALARM CONDUCTORS ARE INSTALLED IN EMT CONDUIT AND CONCEAL ABOVE CEILING OR INSIDE WALL WITH 3/4" WALL.
 - FIRE ALARM CONDUCTOR CANNOT SPLICE INSIDE PULL BOX. CONDUCTOR MUST BE CONTINUE RUN BETWEEN FIRE ALARM DEVICES BACK BOX OR TERMINAL CABINET.

1 FIRE ALARM RISER DIAGRAM

N.T.S.

BATTERY POWER CALCULATIONS

NEW INITIATING DEVICES SUMMARY (EXIST FACP)

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	LED CURRENT
SMOKE DETECTOR	13	0.0003A	0.0038A	0.085A
HEAT DETECTOR	10	0.0003A	0.0030A	0.065A
SUB-TOTAL			0.0068A	0.150A

24 HOUR STANDBY CURRENT 0.168AH
 15 MINUTE ALARM CURRENT (0.25 HR) 0.124AH
SUBTOTAL 0.178AH

20% SAFETY FACTOR 0.036AH
TOTAL NEW AMPS-HRS REQUIRED 0.214AH

PROVIDE ADDITIONAL 6AH BATTERY CAPACITY AND REPLACE EXISTING FACP 6AH BATTERY WITH NEW 12AH BATTERIES

BATTERY POWER CALCULATIONS

NEW NAC SIGNAL & AUDIO BOOSTER PANEL

DEVICE	NO. OF DEVICE	CURRENT PER DEVICE	STANDBY CURRENT	ALARM CURRENT
UNIT	1	0.120A	0.120A	0.150A
OUTDOOR HORN	3	---	0.050A	---
MINI HORN	0	---	0.025A	0.000A
VISUAL 15cod	0	---	0.041A	0.000A
AUDIO/VISUAL 15cod	4	---	0.093A	0.372A
AUDIO/VISUAL 30cod	0	---	0.114A	0.000A
AUDIO/VISUAL 75cod	4	---	0.157A	0.628A
AUDIO/VISUAL 110cod	0	---	0.197A	0.000A
SYNC MODULES	0	---	0.045A	0.000A
SUB-TOTAL			0.120A	10.26A

24 HOUR STANDBY CURRENT 2.880AH
 5 MINUTE ALARM CURRENT (0.083 HR) 0.852AH
SUBTOTAL 3.732AH

20% SAFETY FACTOR 0.746AH
TOTAL AMPS-HRS REQUIRED 4.478AH

PROVIDE BATTERY WITH (2) NEW 6AH BATTERY

DURING THE FINAL TESTING, MEASURE EXACT STANDBY AND ALARM CURRENT, VOLTAGE DROP FOR EACH SIGNAL CIRCUIT. SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR.

FA CABLE SCHEDULE

TYPE	DESCRIPTION
A	INITIATING CIRCUIT CABLE 2#16 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 3/4" CONDUIT INSTALLATION. WEST PENN #D990 OR EQUAL.
B	NAC SIGNAL CIRCUIT CABLE 2#12 AWG SOLID COPPER PVC JACKET POWER LIMITED FPLR CABLE, FOR INDOOR VIA J-HOOK AND OUTDOOR VIA MIN. 3/4" CONDUIT INSTALLATION. WEST PENN #AQ227 OR EQUAL.

VOLTAGE DROP CALCULATION

WORST CASE VOLTAGE DROP AT THE LAST DEVICE

VD = VOLTAGE DROP
 T = TOTAL LOAD
 L = DISTANCE TO THE LOAD
 CM = CIRCULAR MILLS (CROSS SECTION OF 12 AWG = 6530)
 VD = $K \cdot I \cdot L \cdot T$

SIGNAL CKT NO.	AMPERES	LENGTH APPROX	RESISTIVITY DCM	WIRE AWG	AREA CM	VOLTS DROPPED	% VOLTS DROP
CKT. A	0.786A	430'	21.6	12	6530	1.118V	14.7%
CKT. B	0.364A	410'	21.6	12	6530	0.494V	2.1%

SIGNAL CIRCUIT LOAD SUMMARY

OUTDOOR SPEAKER	MINI HORN	SMOKE/STROBE	SMOKE/STROBE	SMOKE/STROBE	SMOKE/STROBE	SMOKE/STROBE	MINI HORN	SMOKE/STROBE	SYNC MODULE
CKT. #1	2	0	4	0	2	0	0	0	0.786A
CKT. #2	1	0	0	0	2	0	0	0	0.364A

FIRE ALARM SYMBOLS AND SCHEDULE

ITEM	DESCRIPTION	MODEL NUMBER	CSFM NUMBER	MOUNT	BACK BOX
[FACP]	(E) FACP FOR REFERENCE ONLY	NOTIFIER #NFS-320	7185-0028:243	+60"	EQUIPMENT CABINET
[NAC]	NAC SIGNAL AND AUDIO BOOSTER PANEL	WHELOCK #SPB-80/4	6911-0785:157	+60"	EQUIPMENT CABINET
[DVC]	DIGITAL VOICE COMMAND CENTER INTERCONNECT WITH (E) FACP IN ADMIN OFFICE	NOTIFIER #DVC SSB-C4 ADDR-C4 (NFS2-640)	7185-0028:243	+60"	EQUIPMENT CABINET
[S]	SPEAKER STROBE WITH EVACUATION SPEAKER	NOTIFIER #SPSV WR	7320-1853:201	+80"	4"SQ X 2 1/2"D
[WP]	OUTDOOR EVACUATION SPEAKER WITH WEATHERPROOF BOX	NOTIFIER #SPRK WMBB	7320-1853:201	+90"	4"SQ X 2 1/2"D
[S]	ADDRESSABLE CEILING SMOKE DETECTOR WITH BASE	NOTIFIER #ST-851/B710P	7272-0028:206	CEILING	4"SQ X 2 1/2"D
[A]	ATTIC HEAT DETECTOR 190F TEMP WITH BASE	NOTIFIER #ST-851H/B710P	7270-0028:196	ATTIC	4"SQ X 2 1/2"D
[L]	FIRE ALARM CABLE POWER LIMITED	WEST PENN AQ SERIES	7161-0859:0101		
[R]	END OF LINE RESISTOR	N/A	N/A	LAST DEVICE	4"SQ X 2 1/2"D

F.A. MONITORING NOTES

- THE AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISORY STATION AS REQUIRED BY NFPA 72 AND AMENDED EITHER ULUX OR ULUS BY UNDERWRITERS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

- THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY 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 AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISORY STATION. (EXCEPTION: SMOKE DETECTORS ARE NOT REQUIRED IN NON-ACCESSIBLE AREAS AS DEFINED IN EMERGENCY EXPRESS TERMS OF PROPOSED S.F.M. AMENDMENTS TO 2013 C.F.C. SECTION 210 (C.F.C. SECTIONS 1006.2.4.2.2.1.1 AND 1006.2.4.2.2.1.5)

SHEET NOTES

- PROVIDE NEW FIRE ALARM SIGNAL AND AUDIO BOOSTER PANEL AND CONNECT TO (E) FACP PER RISER DIAGRAM. PROVIDE 110V POWER CONNECTION AND DEDICATED CIRCUIT FROM PANEL A-12. PROVIDE FIRE ZONE MAP, MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUIT, AND STANDBY CURRENT AND ALARM CURRENT. SEND TO OWNER AND ENGINEER ONE COPY FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE CABINET DOOR. SEE FIRE RISER DIAGRAM FOR DETAIL.
- LOCATE HEAT DETECTOR IN ATTIC AND SURFACE MOUNT ON THE BOTTOM OF RAFTER. DETECTOR COVERAGE WILL BE DERATED 50% ACROSS THE RAFTER. FIELD VERIFY LOCATION WITH GENERAL CONTRACTOR AND PROVIDE ATTIC HEAT DETECTOR IN EACH BAY OF STRUCTURAL.
- CEILING SMOKE DETECTOR 5 FEET FROM EXISTING NAC SIGNAL EXPANDER PANEL.
- NEW FATC ON BUILDING EXTERIOR WALL WITH 3/4" STUB INTO BUILDING ATTIC CAVITY. EXTEND NEW FA CONDUIT AND WIRING TO NEW BUILDINGS PER PLANS.
- NEW UG 3/4" FA CONDUIT, JOINT TRENCH WITH OTHER SIGNAL CONDUITS. SEE RISER DIAGRAMS.
- PROVIDED 3/4" WEATHERPROOF BOX CONDUIT BETWEEN BUILDING.
- PROVIDE NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTERCONNECT TO EXISTING FIRE ALARM CONTROL PANEL AND SURFACE MOUNT NEXT TO (E) FACE. FIELD VERIFY EXACT LOCATION. PROVIDE 110V POWER CONNECTION TO EXISTING FACP DEDICATED CIRCUIT. FIELD VERIFY LOCATION.

F.A SYSTEM SCOPE OF WORK

- PROVIDE AUTOMATIC FIRE ALARM SYSTEM WITH VOICE EVACUATION SPEAKERS FOR THE NEW CLASSROOM BUILDINGS PER PLANS.
- EXISTING FACP IS 24VDC ADDRESSABLE, AND CLASS B WIRING SYSTEM, AND WITH OFF SITE MONITORING SERVICE VIA AUTO DUAL LINE DIALER AND TELEPHONE LINES.
- DURING THE FINAL TESTING, MEASURE ALL FIRE ALARM CURRENTS, VOLTAGE DROP FOR EACH SIGNAL CIRCUIT, SEND OWNER AND ENGINEER ONE COPY RECORD FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
- COMPLETE FIRE ALARM DRAWING SUBMITTAL IS PROVIDED.

FIRE ALARM NOTES

- APPLICABLE STANDARD 2013 NFPA 72
- 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.
- COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
- A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
- 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.
- DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
- 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 LAB TESTED CRITERIA. APPROVED TYPE OF SYSTEM SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
- WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 85" MAXIMUM FROM FINISHED FLOOR.
- WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THEN 6" TO A HORIZONTAL STRUCTURE.
- AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (Dba) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 Dba ABOVE THE MAXIMUM SOUND LEVEL, HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIABLE SPACE WITHIN THE BUILDING.
- AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
- THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
- VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICES SHALL HAVE A FLASHING LIGHT SOURCE NOT LESS THAN 15 CANDELLA. VISUAL DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.
- UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTING AND WIRE TO BE APPROVAL FOR WET LOCATIONS.
- ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THIN OR THIN.
- 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. SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1" FROM FIRE SPRINKLERS OR S 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.
- ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
- FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
- A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
- THE INSTALLING CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 10.18.2.1.1.
- CONTROL PANELS, REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48"
- THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.8.2.
- SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
- OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

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Rev. Date: _____
 Revision Description: _____
 Rev. Date: _____
 Revision Description: _____
 Rev. Date: _____
 Revision Description: _____

FIRE ALARM PLAN

ISSUE DATE: 11/13/14
 DATE: 08/05/15
 DESIGNER: J. CHONG
 DR: J. CHONG
 PC: C.M.

Project Name & Address:
WASHINGTON MIDDLE SCHOOL
4 RELOCATABLE CLASSROOMS AND 1 TOILET BLDG
 BAKERSFIELD CITY SCHOOL DISTRICT
 11071 NOBLE AVE., BAKERSFIELD, CA 93305

FILE # 15-6
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 AC: J.F.L.S.S.
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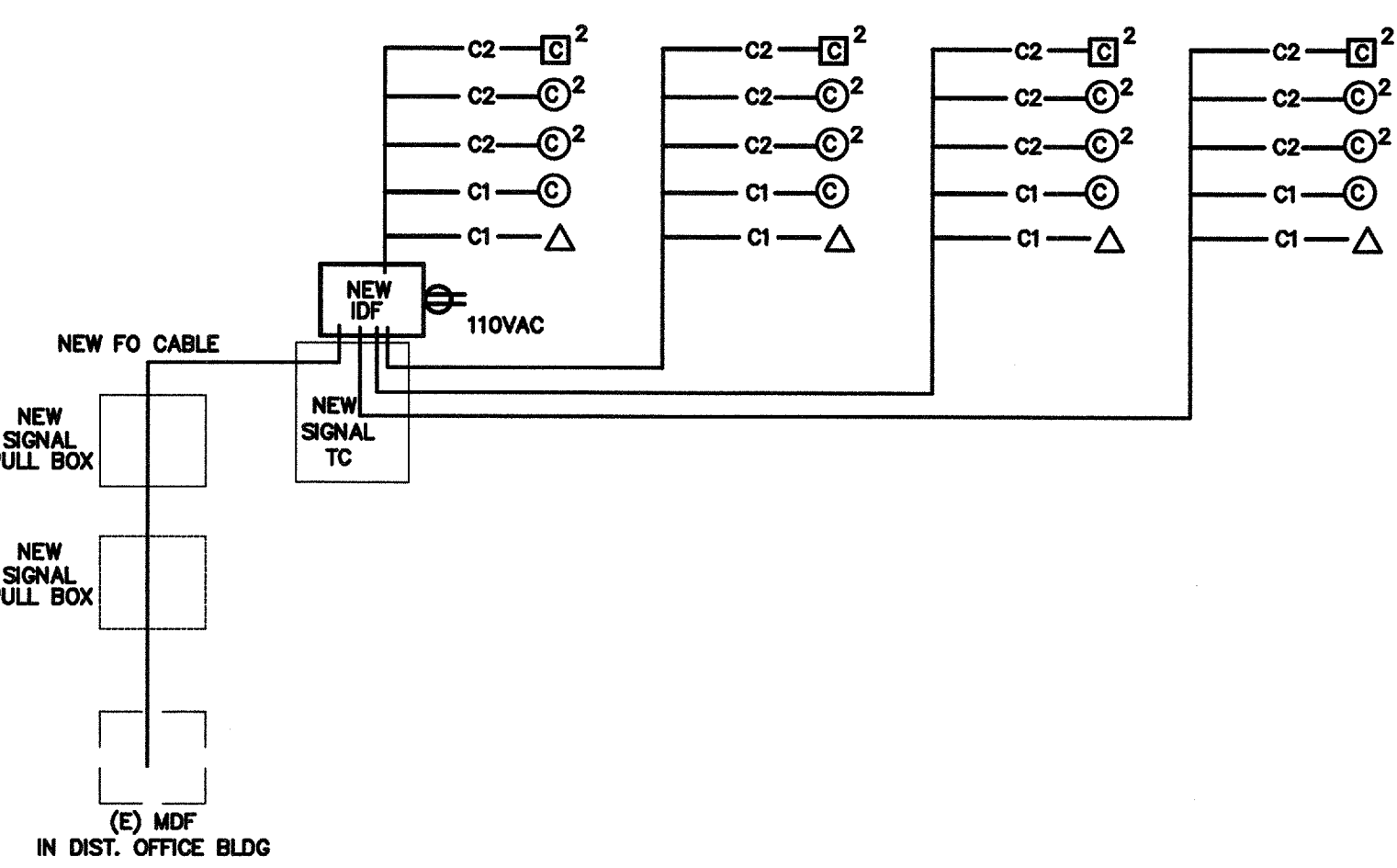
Sheet No.: **E-3**

Release: _____

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JOHN CHONG ENGINEERING
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 (569) 926-2266 • FAX 297-2461
 jchenginer@aol.com

REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA

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



FIBER OPTIC CABLE
 THREE MULTIMODE PAIRS (SIX STRANDS) AND THREE SINGLE-MODE PAIRS (SIX STRANDS)
 OPTICAL CABLE COMPANY # DX 12/0850-6W35B/1UC-6SYMC-YMD/900-OPNR OF EQUAL
 CATSE CABLE

CABLE TESTING
 ALL FIBER OPTIC CABLE MUST BE TESTED TO SUPPORT 1000BASE-FX FULL DUPLEX STANDARDS.
 ALL CAT SE CABLE MUST BE TESTED TO SUPPORT 100BASE-TX.
 TEST RESULTS ARE TO BE PROVIDED TO SCHOOL TECHNOLOGICAL SERVICES FOR REVIEW AND APPROVAL.

IDE SWITCH EQUIPMENT

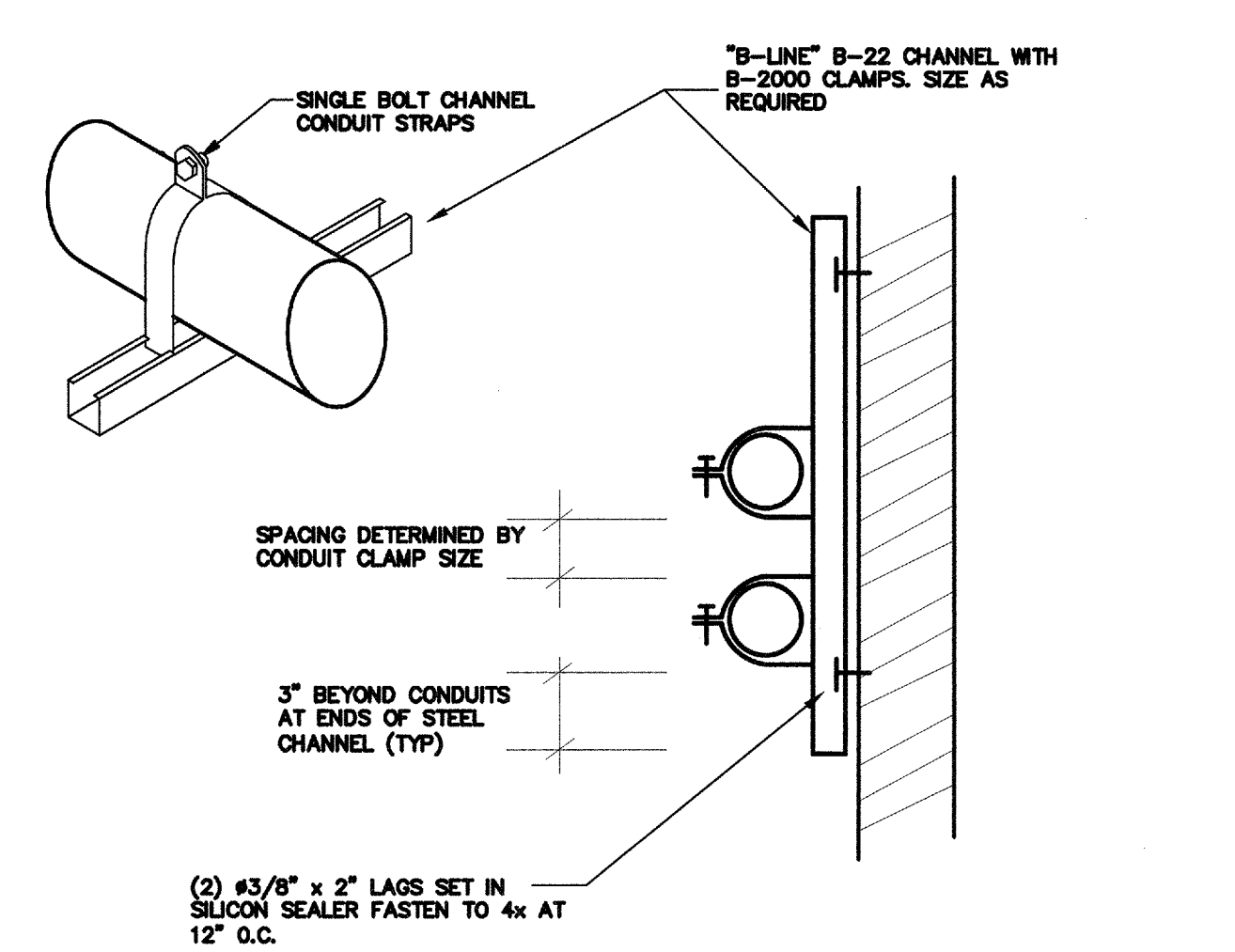
F/O	CISCO WS-C2950C-24 W/ WS-C5484 GBIC
TP	CISCO WS-C2950-24
CABINETS	SOUTH WESTERN DATA PRODUCT SWE 4000-180DBLK OR EQUAL
JACKS	ALLEN TEL AT35-18 OR EQUAL
FACEPLATE	ALLEN TEL AT30-2-09 OR EQUAL
PATCH PANEL	ALLEN TEL ATPNL-24 OR EQUAL

LABELING IDENTIFICATION
 ALL INSTALLED EQUIPMENT, CABLES, TERMINATIONS, ETC. WILL BE PERMANENTLY AND UNIQUELY MARKED. CABLES WILL BE MARKED USING A CONVENTION THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION. LAN TERMINATIONS WILL SIMILARLY BE MARKED TO UNIQUELY IDENTIFY THEM WHILE PROVIDING THE SOURCE AND DESTINATION OF CABLE. IDENTIFICATIONS MUST BE SUCH THAT THEY WILL NOT RUB OFF, FALL OFF, OR EASILY BREAK AWAY.

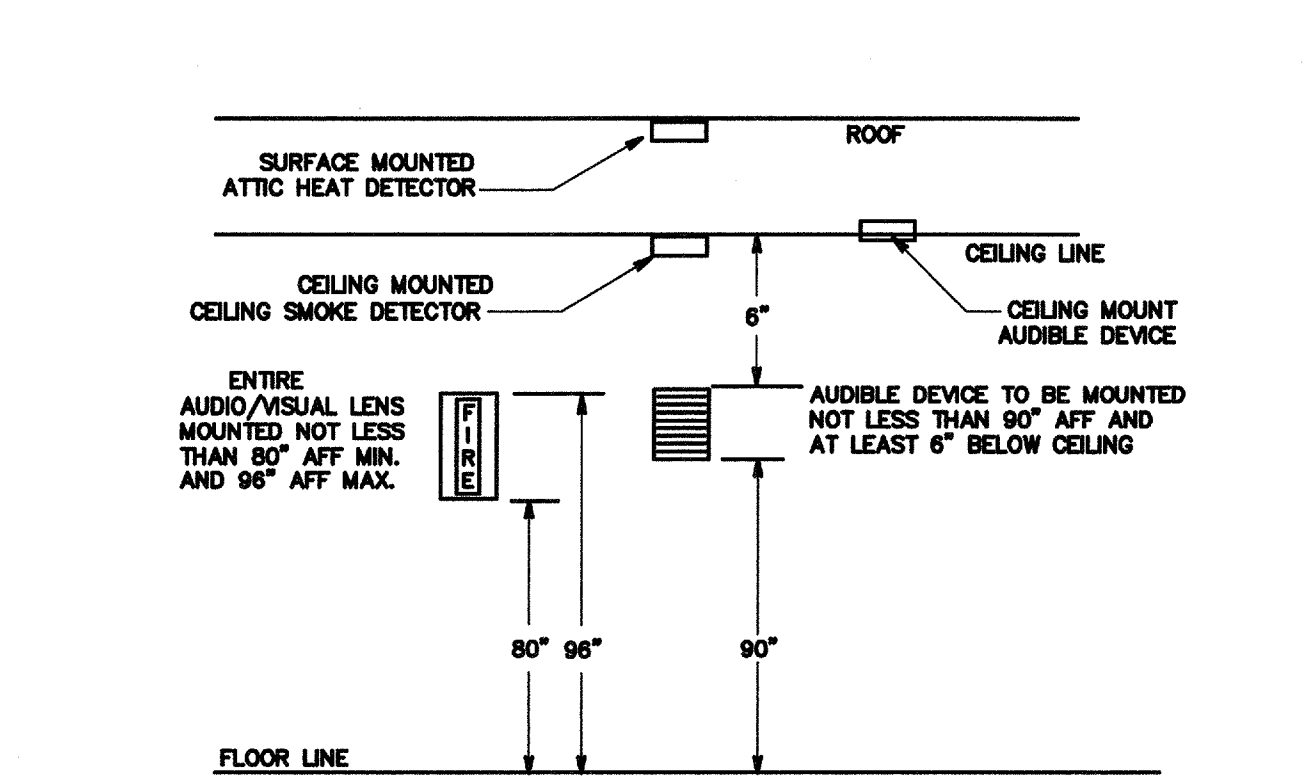
DATA COMMUNICATION SYSTEM INDEX

- CONTRACTOR TO PROVIDE ALL EQUIPMENT, PATCH CABLE AND ACCESSORY FOR A FULLY FUNCTIONAL SYSTEM.
- NEW DATA JACK WIRING CONFIGURATION MUST BE MATCHED EXISTING SYSTEM. FIELD VERIFY PRIOR TO INSTALLATION.
- ADMINISTRATIVE NODE TO BE RED IN COLOR WITH THE INSTRUCTIONAL NODE TO BE BLUE IN COLOR. NODE LOCATION MUST BE 12" WITHIN POWER RECEPTACLE AND FIELD VERIFY EXACT LOCATION WITH OWNER PROJECT COORDINATOR OR TECHNOLOGICAL SERVICES PERSONNEL PRIOR TO INSTALLATION.
- ALL EQUIPMENT DOCUMENTATION AND WARRANTY INFORMATION WILL BE PROVIDED TO OWNER TECHNOLOGICAL SERVICES. WARRANTY CARDS WILL BE PROVIDED TO VUSD TECHNOLOGICAL SERVICES FOR FILING WITH MANUFACTURERS UPON COMPLETION OF INSTALLATION.

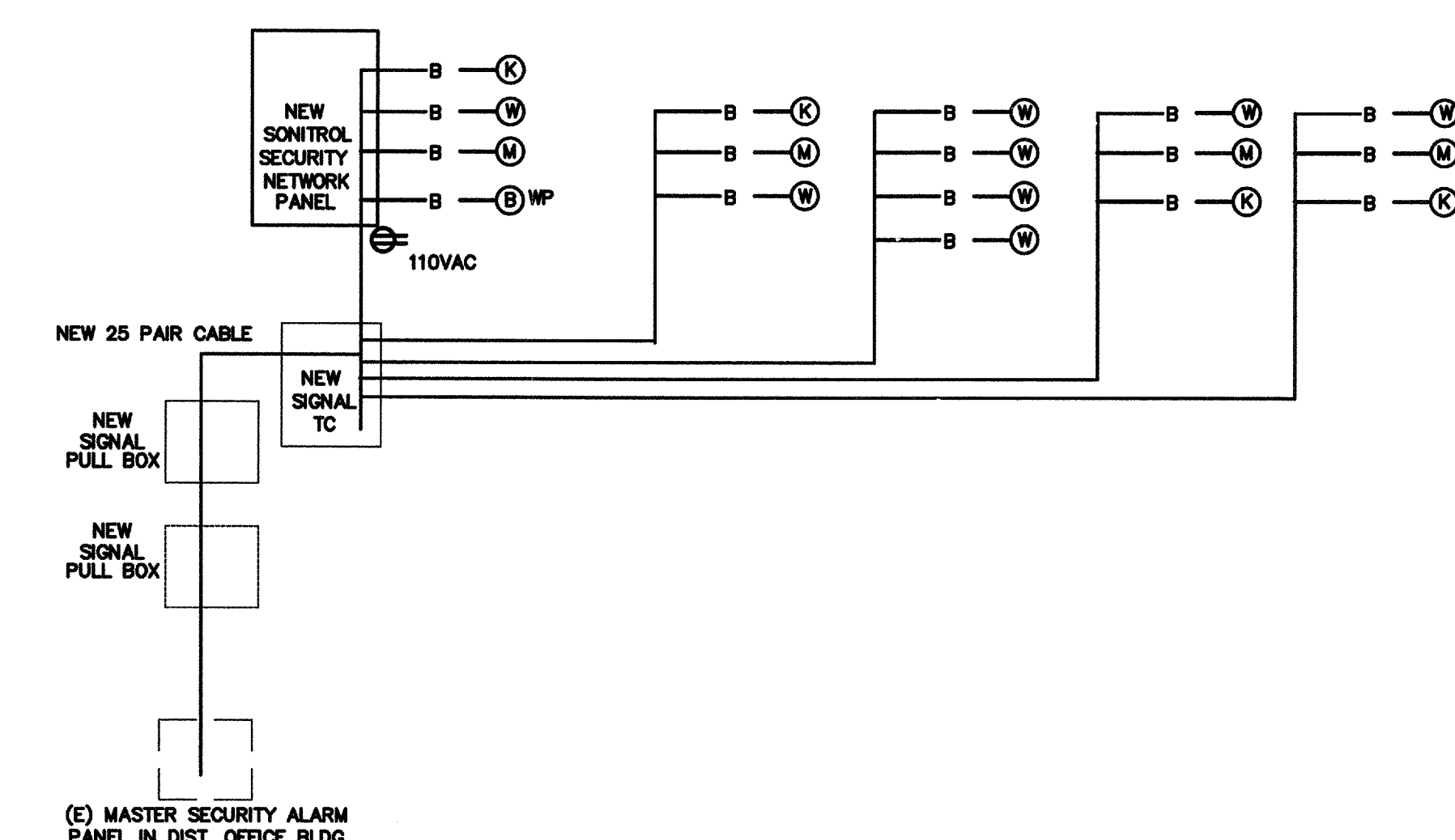
7 DATA COMMUNICATION SYSTEM RISER DIAGRAM N.T.S



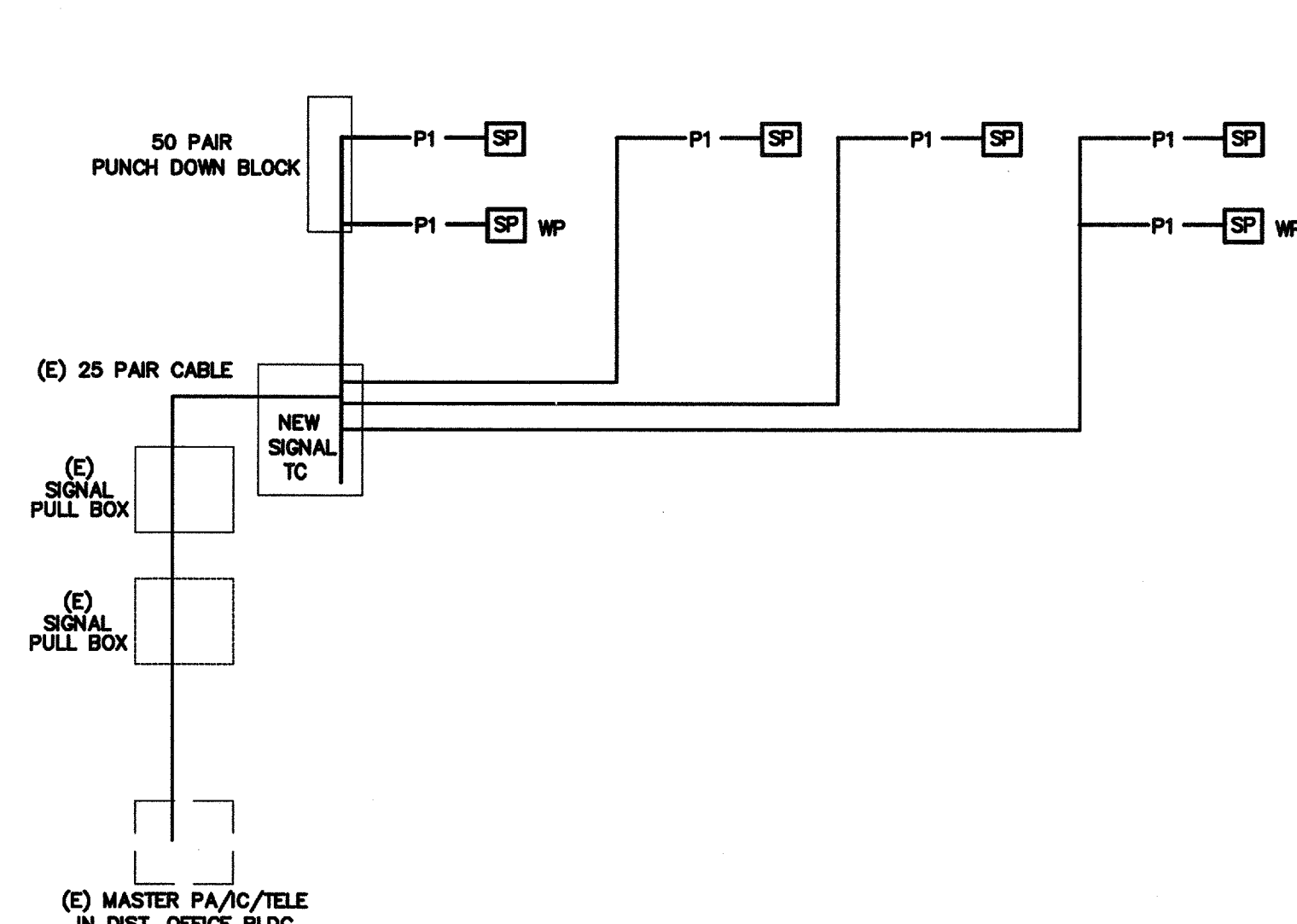
6 CONDUIT SUPPORT DETAIL N.T.S



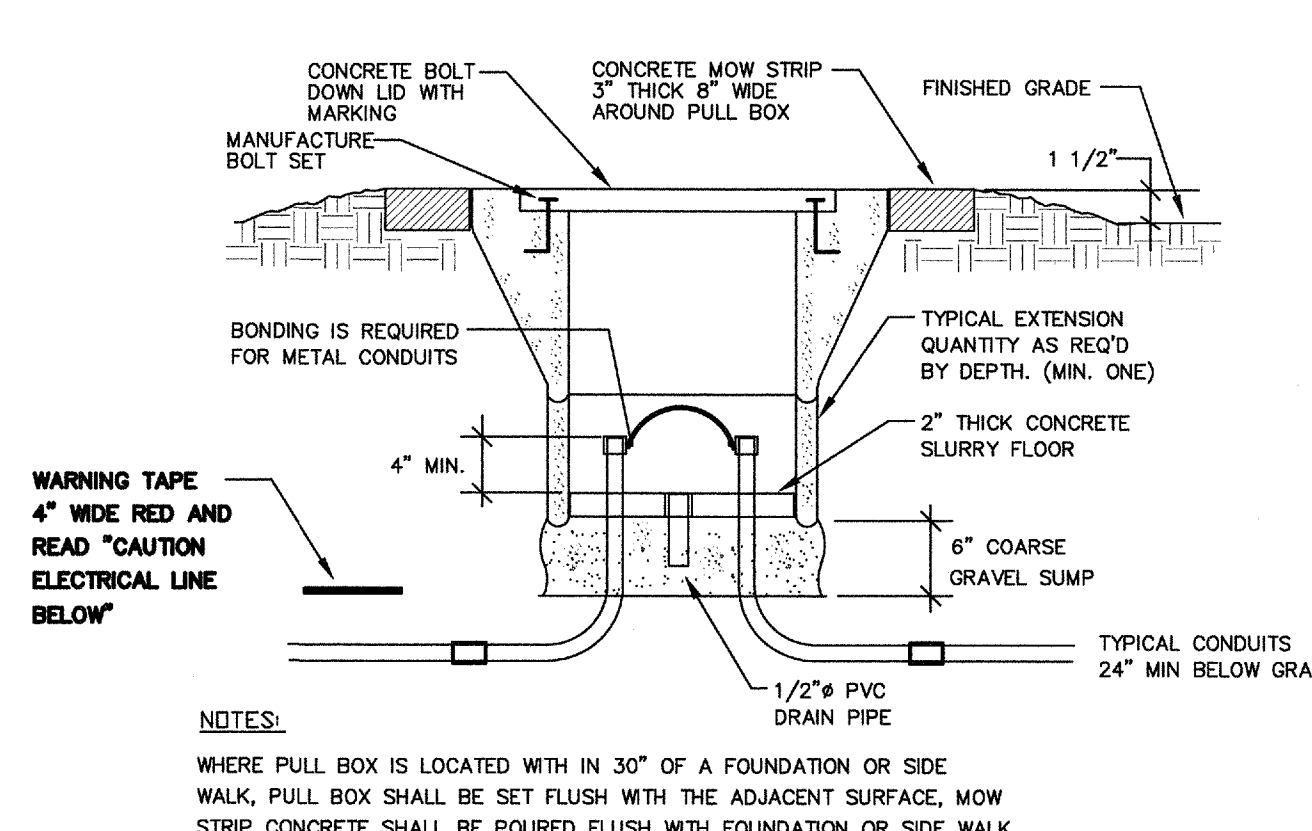
8 TYPICAL FIRE ALARM DEVICES MTD DETAIL N.T.S



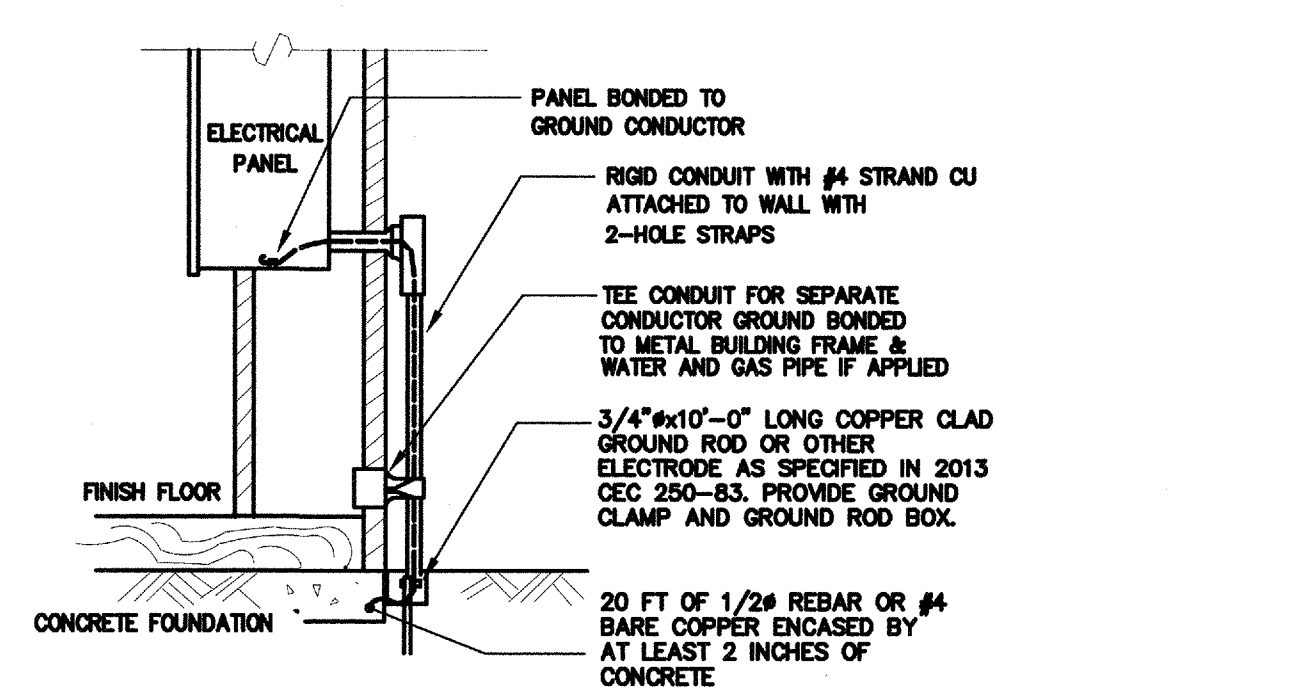
5 SECURITY ALARM SYSTEM RISER DIAGRAM N.T.S



2 PA/IC/TELE SYSTEM RISER DIAGRAM N.T.S



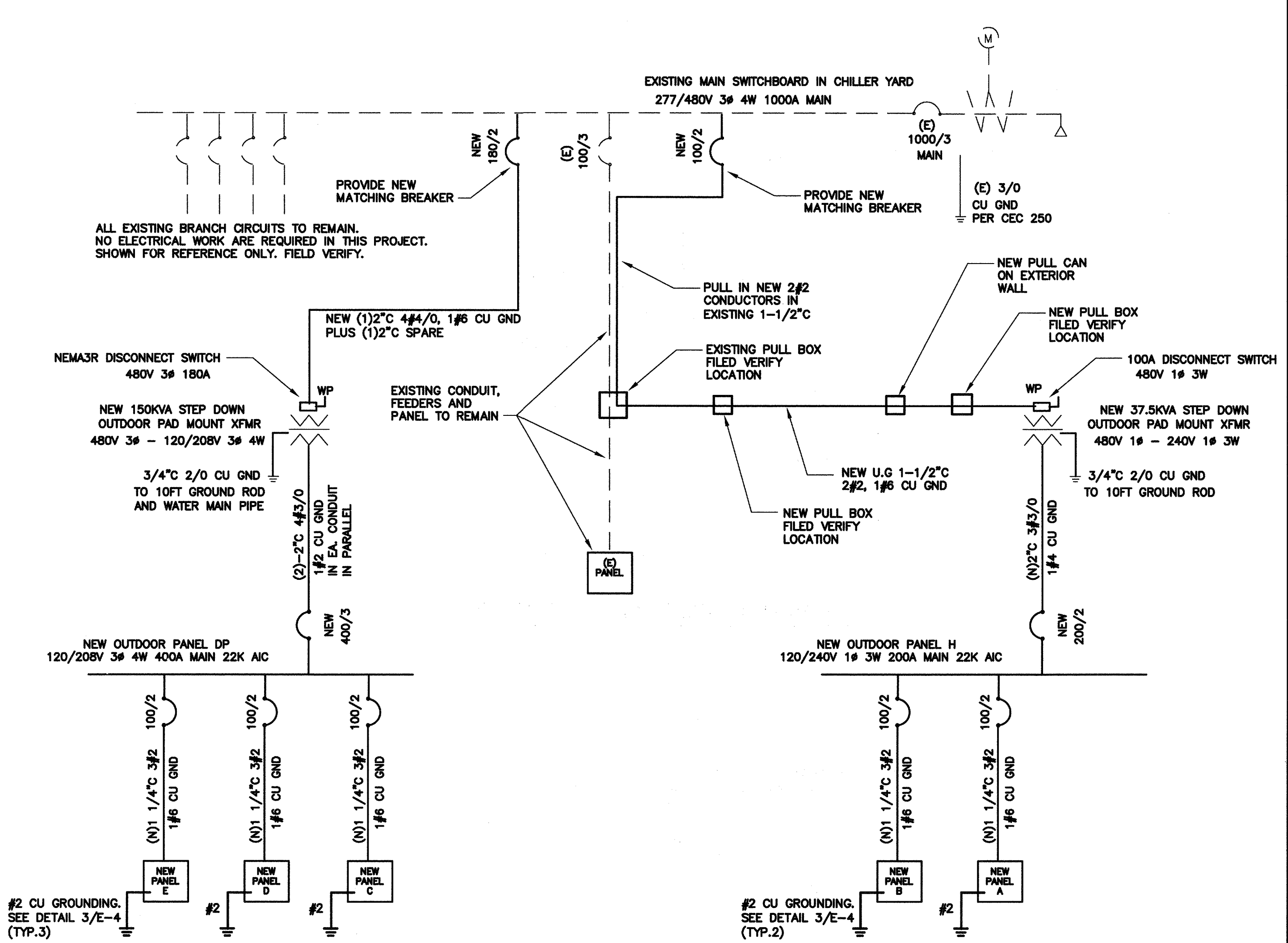
4 PULL BOX AT OPEN YARD DETAIL N.T.S



NOTES:

- SIZE OF CONDUCTORS SHALL COMPLY WITH 2013 CEC TABLE 250-66.
- BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME PER 2013 CEC 250-50. IN ADDITION TO THE DETAIL SHOWN ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. IN SOIL IF AVAILABLE (CEC 250-50, 250-82).
- ALL MADE OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER, BOND TO HAND RAIL AND WATER PIPE IF APPLIED. (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
- CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEED 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (2013 CEC 250-84).
- FIELD INSPECTOR SHALL WITNESS GROUNDING TEST.

3 GROUNDING DETAIL N.T.S



1 SINGLE LINE DIAGRAM N.T.S

NOTES:

- PROVIDE NEW MATCHING BREAKERS, FEEDERS AND PANELS PER PLANS.
- ALL NEW CONDUCTOR SHALL BE 75°C THWN-2 COPPER IN CONDUIT. (AMPACITY FOR CONDUCTOR SELECTION MUST BE DETERMINED/DERATED BY THE ALLOWED TERMINATION RATINGS MARKED/APPROVED ON EACH DEVICES, MOTOR, APPLIANCE, XFMR O.C.P.C. PANEL, ETC. CONDUCTORS INSTALLED IN U/G OR WET LOCATIONS SHALL BE MARKER 'W'. PER 2013 CEC 110-14(C)(1)).
- ALL WIRING OVER 100 VOLT SHALL BE INSTALLED IN RACEWAY CONDUIT, EMT ABOVE GRADE, PVC SCH. 40 BELOW GRAD AND STEEL CONDUIT ON EXPOSE SURFACE BELOW 8' AFF. FOR PHYSICAL PROTECTION.
- STEEL BACK BOX SHALL BE PROVIDE FOR ALL NEW ELECTRICAL DEVICES SUCH AS SWITCH, OUTLET AND CONDUCTOR SPLICE.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING SWITCHBOARD AND PANELS ARE INSTALL PER ONE LINE DIAGRAM PRIOR TO WORKING, AND REPORT TO ENGINEERS IF ANY DISCREPANCY ARE FOUND.

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Revision	Rev. Date	Revision Description

DETAILS AND SYSTEM DIAGRAMS

WASHINGTON MIDDLE SCHOOL
 4 RELOCATABLE CLASSROOMS AND 1 TOILET BLDG
 BAKERSFIELD CITY SCHOOL DISTRICT
 1101 NOBLE AVE., BAKERSFIELD, CA 93305

Project Name & Address:
 Designer: J CHONG
 DR: J CHONG
 PC: CAM

Issue Date: 11/13/14
 Date: 08/05/15
 Agency Approval Stamp:

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 Sheet No.: E-4
 Release:

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PC 04-101268

RELOCATABLE CLASSROOM BUILDINGS BUILDING SIZE: 24'x40' MODTECH JOB #4134

CLASS LEASING

STOCKPILE # 62

JOB #	SERIAL NUMBER	DESCRIPTION
# 4153	MONO 55976-56045 (35)	CR
# 4134	DUAL 56082-56099 (9)	RH/CR
# 4134	DUAL 56112-56117 (3)	W/SINK
# 4134	DUAL 56138-56139 (1)	ADMIN
# 4134	DUAL 56136-56137 (2)	COMPUTER
# 4161	DUAL 56159-56174 (8)	CR
# 4173	MONO 56591-56596 (3)	CR
# 4203	DUAL 56846-56847 (1)	CR
# 4207	DUAL 56868-56873 (3)	CR
# 4215	DUAL 56961-56973 (7)	CR ^{5-TON AC}
# 4250	MONO 57453-57454 (1)	CR W/SINK
# 4284	DUAL 57675-57678 (2)	CR W/TOILET ROOM
# 4302	DUAL 57939-57942 (3)	CR
# 4350	MONO 58849-58852 (2)	CR

BUILDING	DESCRIPTION
BUILDING A	STANDARD CLASSROOM
BUILDING B	ADMINISTRATION
BUILDING C	COMPUTER LAB

JOB #	SERIAL NUMBER	DESCRIPTION
# 4304	DUAL 57948-57955 (4)	58107-58108 (1)
# 4347	DUAL 58839-58848 (5)	
# 4422	MONO 60102-60107 (3)	
# 4506	MONO 47150-01/02 THRU 47153-01/02 (9)	

100 BUILDINGS TOTAL

APPROVED FOR THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE: SEP 0 1 2000
BY: [Signature]
FOR: [Signature]

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
SIS	= SELF TAPPING SCREW
STSMS	= SELF TAPPING SHEET METAL SCREW
TYP	= TYPICAL
UON	= UNLESS OTHERWISE NOTED

BUILDING DATA

STRUCTURAL DESIGN: RIGID FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
FLOOR LIVE LOAD: 50 PSF, 50+20 PSF
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2/B

BUILDING AREA: 24'x40' BUILDING - 960 SF

APPLICABLE CODES

1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR
1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (1997 UNIFORM BUILDING CODE VOLUMES 1-3 AND 1998 CALIFORNIA AMENDMENTS)
1998 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (1996 NATIONAL ELECTRICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS)
1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS)
1998 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 CCR (1990 TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS)

APPLICABLE STANDARDS

NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS - 1996 EDITION
NFPA 14 - STANDPIPE SYSTEMS - 1993 EDITION
NFPA 17A - WET CHEMICAL SYSTEMS - 1990 EDITION
NFPA 24 - PRIVATE FIRE MAINS - 1992 EDITION
NFPA 72 - NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) - 1996 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")
NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS - 1989 EDITION
NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS - 1994 EDITION (REFERENCE CODE SECTION FOR NFPA STANDARDS - CBC (SFM) 3504.1)

LEGEND

SYMBOL	DESCRIPTION
⊕	DETAIL (1) ON SAME SHEET AS SYMBOL
⊖	DETAIL (1) ON SHEET (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
△	SECTION "A" ON SHEET (2)
△	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
△	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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A2.03 ROOF DETAILS - 24'x40'
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REVISIONS

SP	ADDED ALT NOTE AND ELEC. DWG'S	DATE
1		11/9/00
2		
3		
4		
5		

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

Architect's Seal
LICENSED ARCHITECT
M. C. [Signature]
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE: SEP 0 1 2000
BY: [Signature]
FOR: [Signature]

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

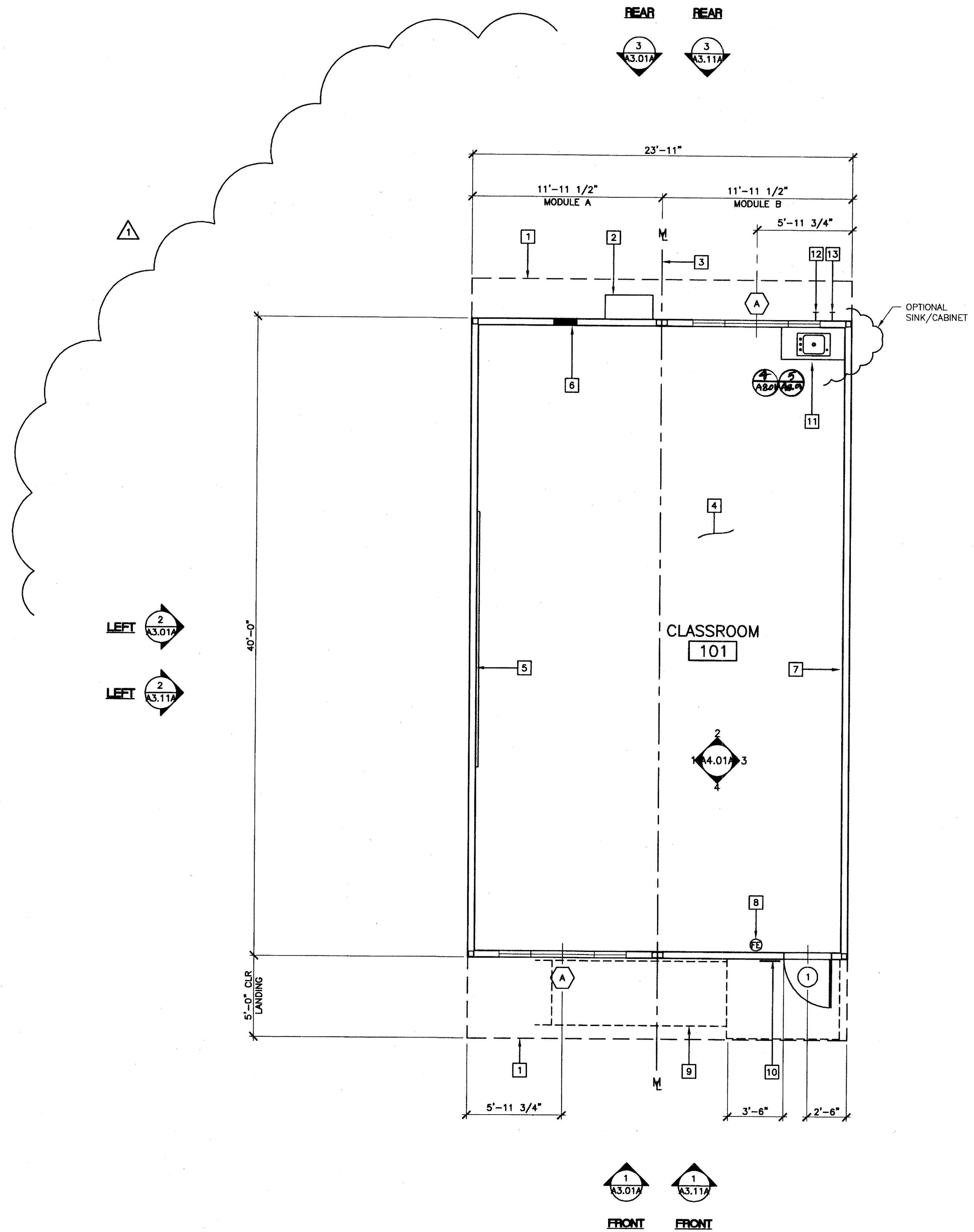
PROJECT NUMBER: 4134, 4153, 4161
4173, 4203, 4207, 4215
4250, 4284, 4302, 4350
4304, 4347, 4373, 4422
4506

© MODTECH, INC. 2001
2-24x40 CLASSROOMS STKP-62 6/21/06
A# 04-1041 SERIAL # 76044-45
BANNING U.S.D. AT COOMBS M.S. CL# 2460

DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04/16/02
MODTECH Index No.

STKP-62

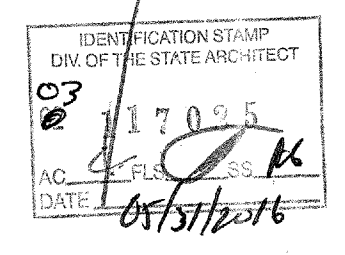
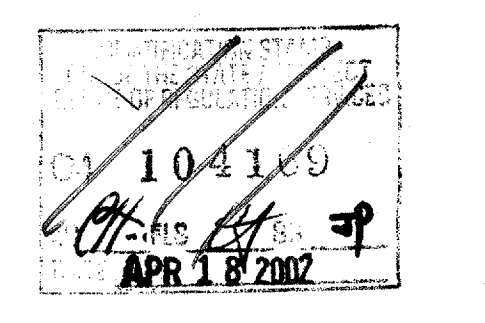
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- ### KEY NOTES
- 1 ROOF OVERHANG
 - 2 HVAC UNIT (HV)
 - 3 MODLINE (M)
 - 4 FINISH FLOORING (FN)
 - 5 INTERIOR FINISH (FIN)
 - 6 ELECTRICAL PANEL (EL)
 - 7 NOT USED
 - 8 FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
 - 9 RAMP/LANDING (RAMP)
 - 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/AS.01
 - 11 WATER POC
 - 12 SEWER POC

- ### 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 2802
 (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.

FLOOR PLAN A/C (24'x40')
SCALE: 1/4" = 1'-0"



REVISIONS		
1	MCA	MODIFIED FLOOR PLAN
2		
3		
4		
5		

Electrical Engineer's Seal
 Mechanical Engineer's Seal
 Structural Engineer's Seal
 Architect's Seal

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CBC 1998
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 PC-04
 101268
 DATE: SEP 07 1999

MODTECH INC.
 2830 BARRETT AVENUE
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 PH (909) 943-4014
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PROJECT NUMBER: 4134, 4153, 4173, 4203 © MODTECH, INC. 2001
 4207, 4215
 4250, 4284, 4302, 4350
 4304, 4347, 4373, 4422
 4506
FLOOR PLAN 24'x40' STANDARD/COMP LAB

DRAWN BY: M. ANDERSEN
 DATE: APR 15 2002
 CHECKED BY: 4012-121
 DATE: 04-16-02
A1.01A

PROJECT NO. 4134, 4153, 4161, 4207
 FILE PATH: 2440-4134.DWG
 PC-04-101268

KEY NOTES

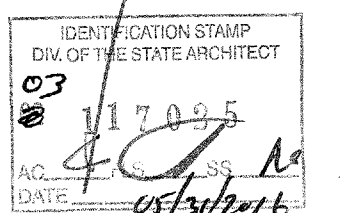
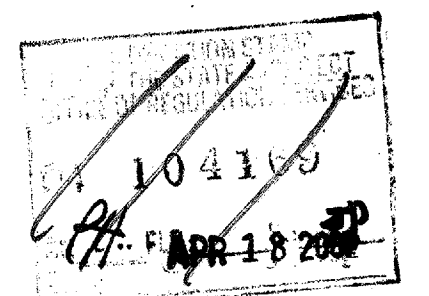
- 1 TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
- 2 EXTERIOR LIGHT FIXTURE (EL)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING. - R1.01
- 5 HVAC UNIT (HV)
- 6 DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES - 16/A2.03
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF 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

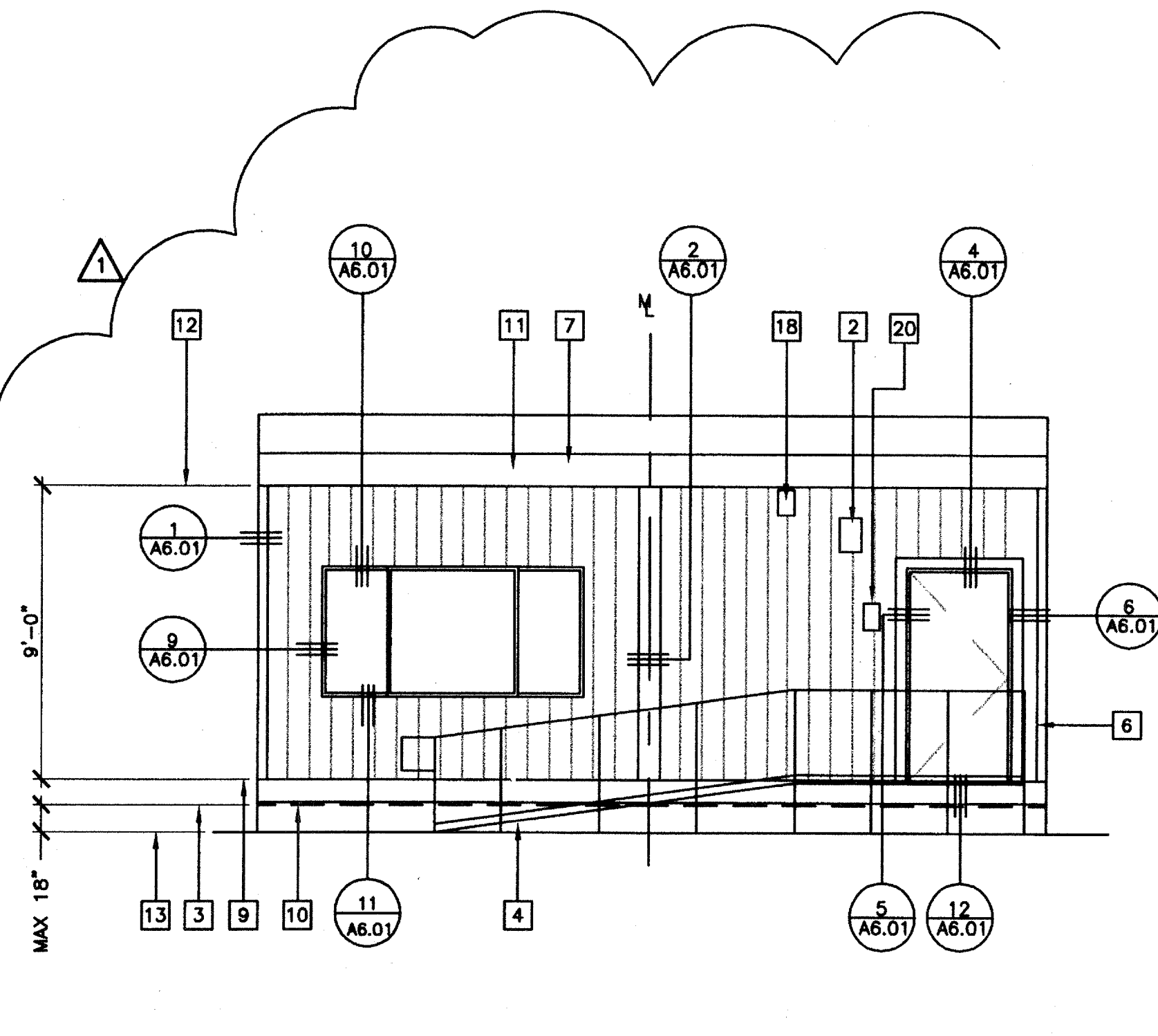
- 1. IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27' PROTECTION MUST BE PROVIDED

EXTERIOR FINISH SCHEDULE

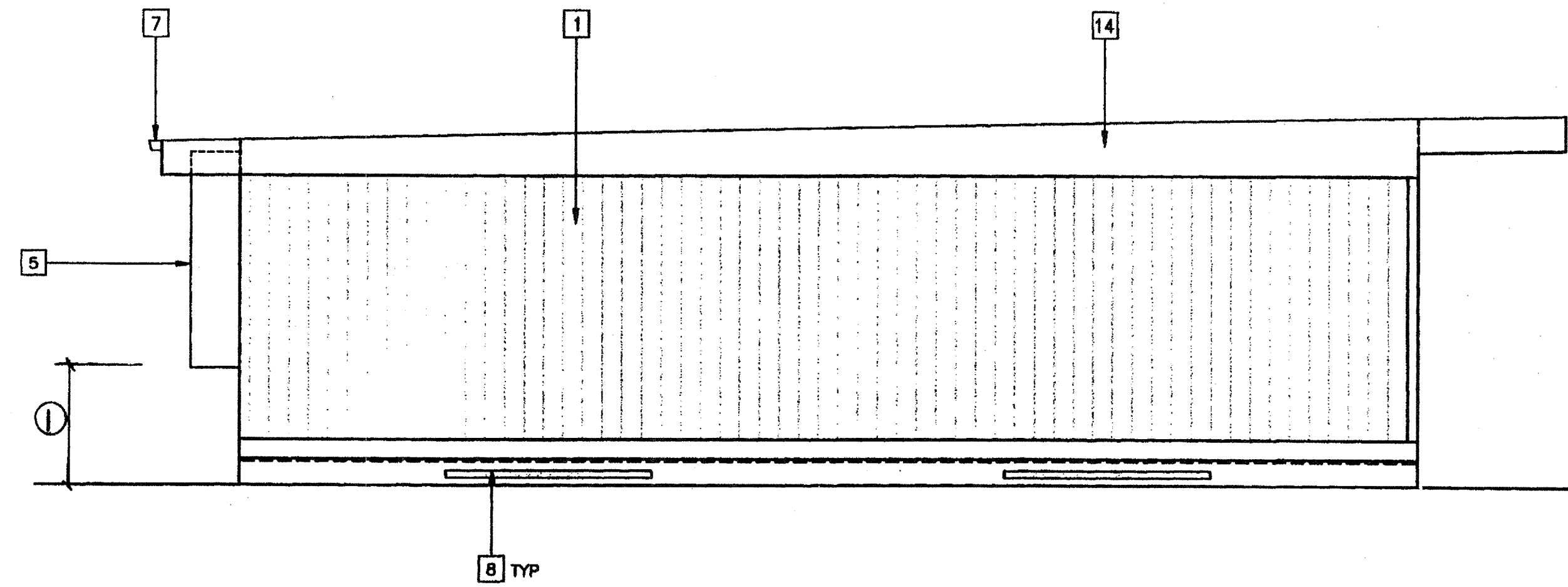
- NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.
- STANDARD - 5/8" PLYWOOD SIDING
 - OPTIONAL - 5/16" GROOVED FIBER CEMENT BOARD
 - OPTIONAL - 5/16" FIBER CEMENT BOARD WITH TEXTURED ELASTOMERIC COATING SYSTEM
 - OPTIONAL - EXTERIOR PLASTER OVER LATH



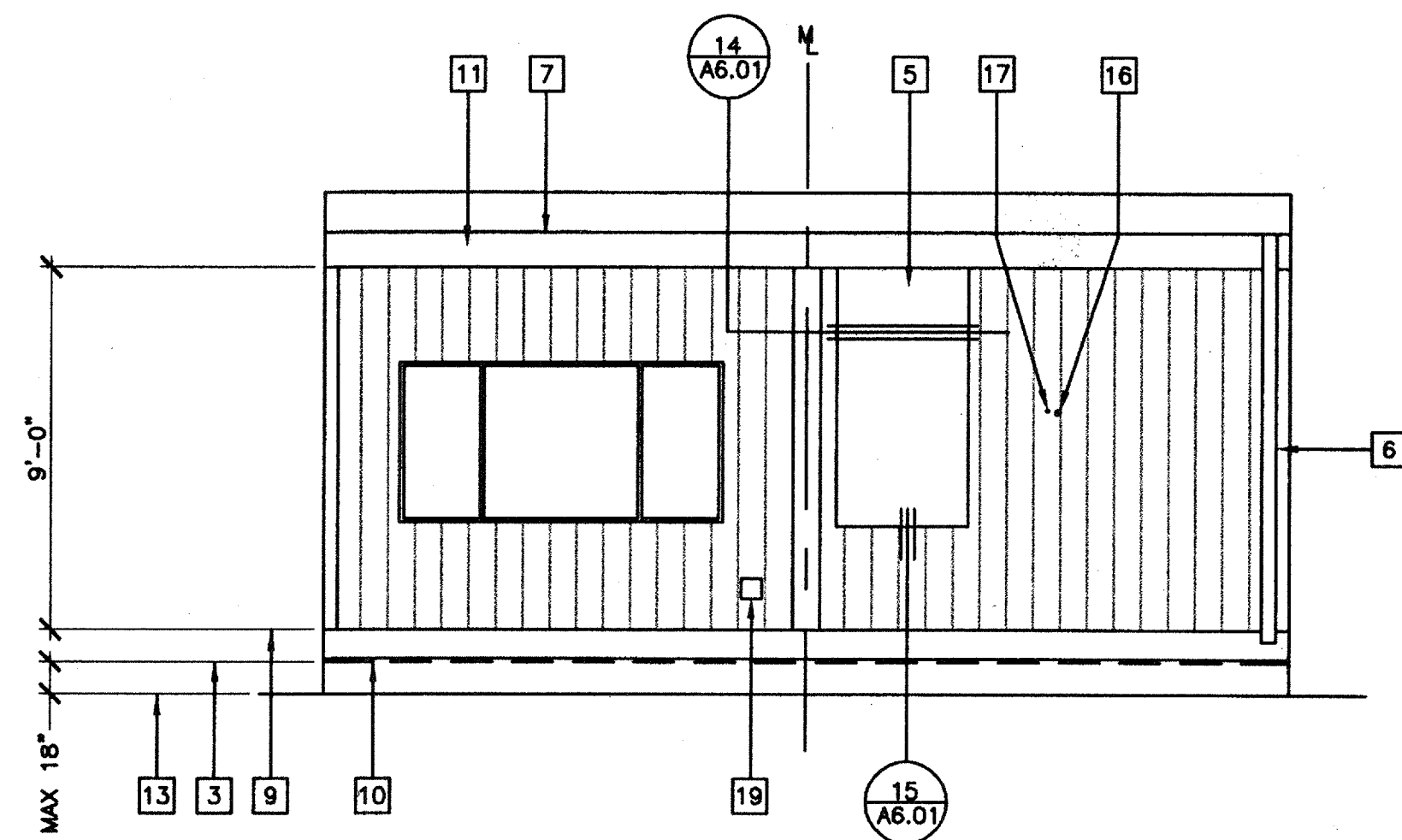
STRP-62



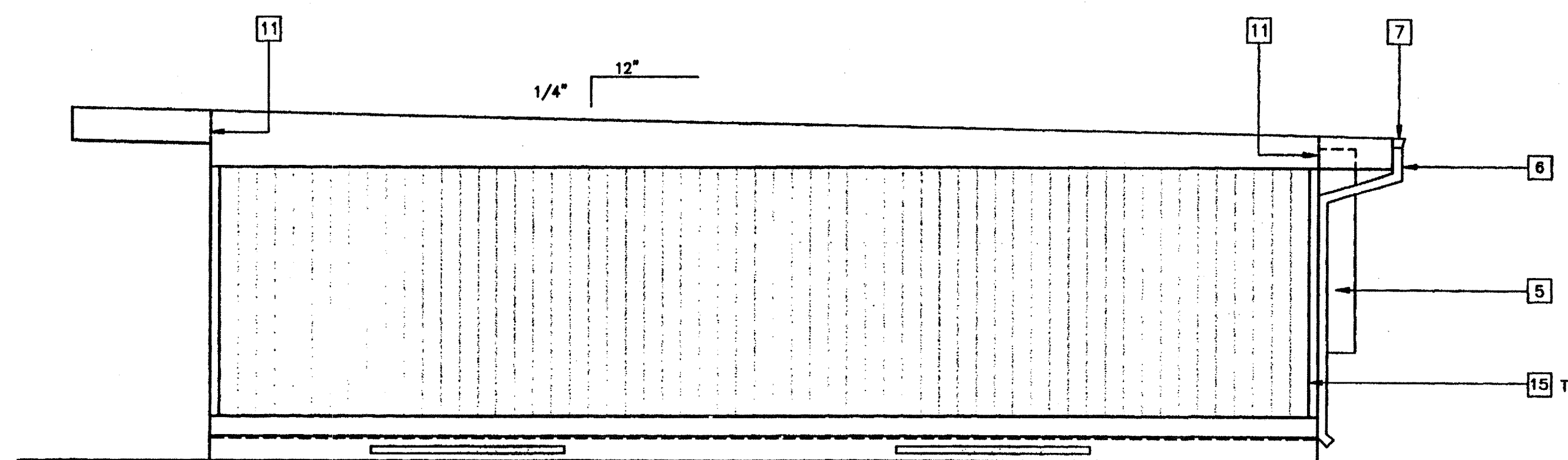
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

PC

CBC 1998

EXTERIOR ELEVATIONS A/C

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

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	MCA MODIFIED FLOOR PLAN	04/15/02	

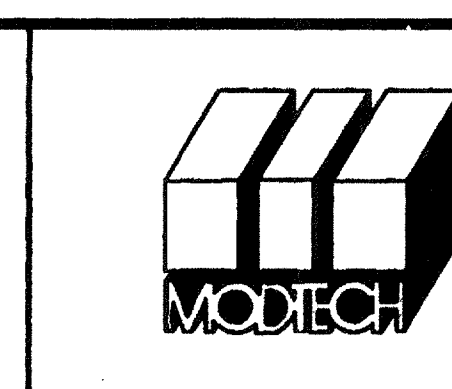
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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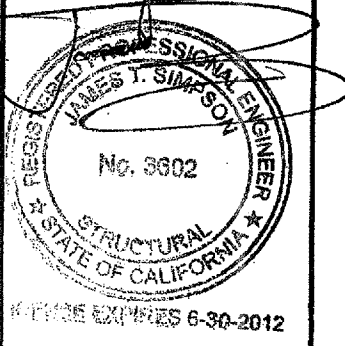
MODTECH INC.
2830 BARRETT AVENUE
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PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134, 4153, 4173, 4250 © MODTECH, INC. 2001
4284, 4373, 4422, 4506

DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
4012-121
MODTECH Index No.

EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40' A3.11A

REVISIONS	BY



DATE ISSUED
AUG 25 2011

CLASS LEASING, INC.
P. O. Box 51150 Riverside, CA 92517-2150
1221 Harley Knox Blvd. Perris, CA 92371-7408
VOICE (951) 943-1908 FAX (951) 943-5768

CLASS LEASING, INC.
STOCKPILE CLASSROOM
24x40 - 50 PSF RELOCATION
FOUNDATION PLAN & DETAILS
PC 04-111441

DATE	08-15-2011
SCALE	
JOB	LAM-CLLS
DRAWN	24x40 50 PSF
SHEET	F2.0

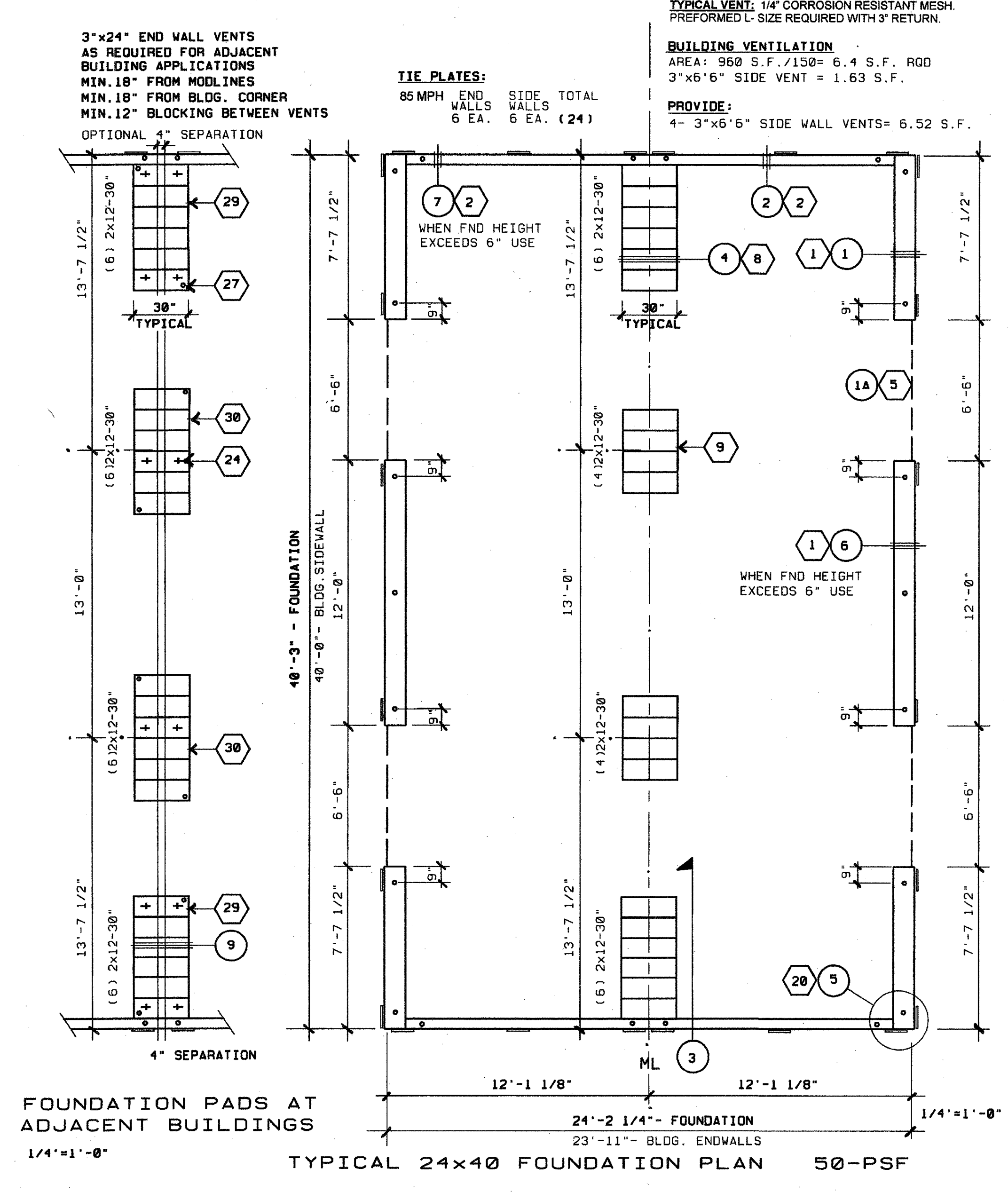
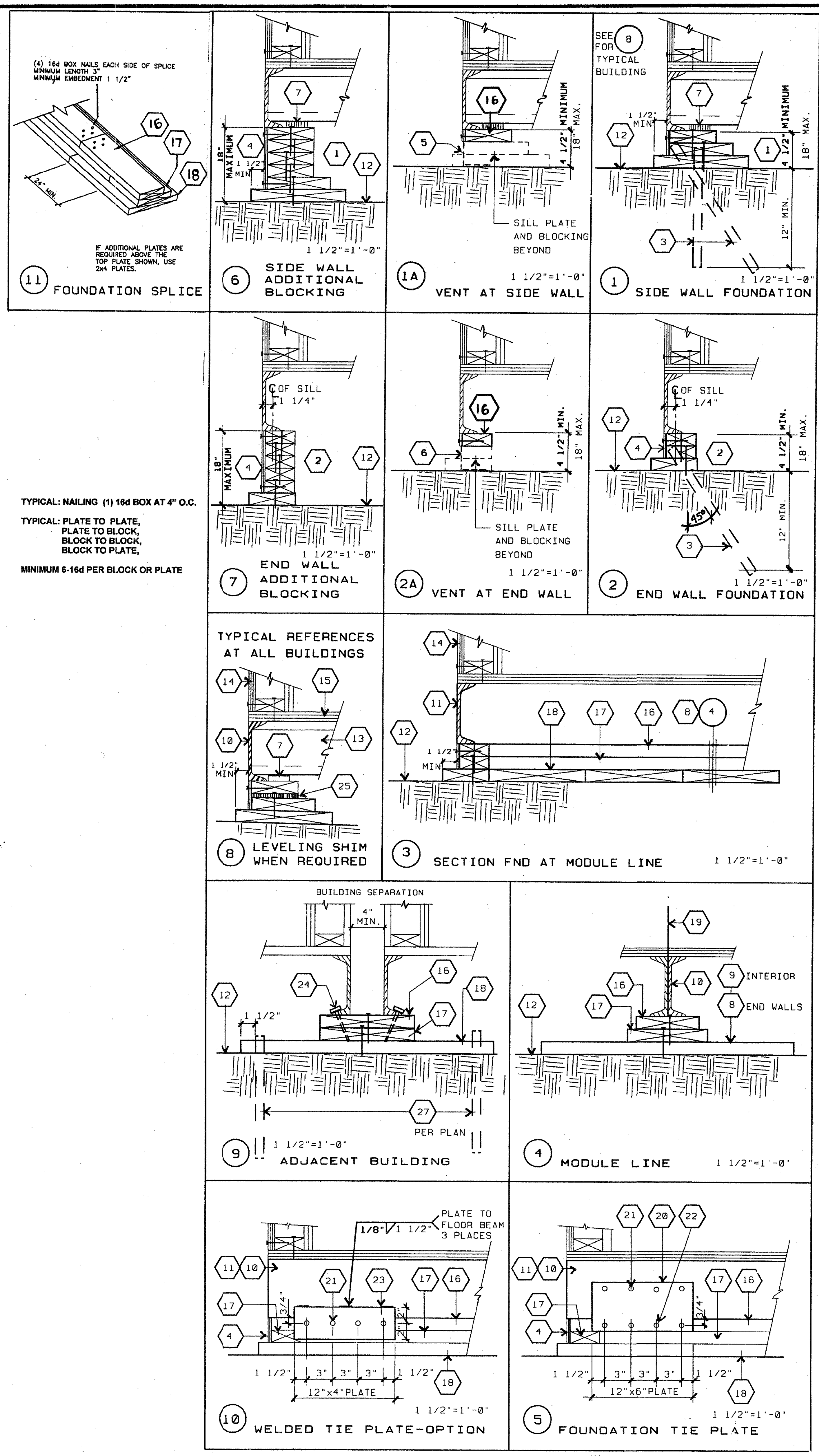
KEY NOTES 24x40- 50 PSF FLOOR LOAD

- FOUNDATION AT SIDE WALL**
- TOP PLATE: 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
- FOUNDATION AT END WALL**
- TOP PLATE: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: 2x8 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
 - SILL RESTRAINT: PIPE TO GRADE (TYP) SEE GENERAL NOTE #A
 - SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC
 - SIDEWALL VENT: 3" HIGH BY 6'-8" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.
 - ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. SHIM: 5/8" X 2 1/2" WHEN REQUIRED.
- FOUNDATION AT MOD LINE / END WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (6) 2x12x30' (PT)
- FOUNDATION AT MOD LINE / INTERIOR WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (4) 2x12x30' (PT)
 - FLOOR BEAM: C7x 9.8 TYPICAL
 - FLOOR HEADER: C7x 9.8 TYPICAL
 - FINISH GRADE
 - FLOOR JOIST
 - EXTERIOR FINISH
 - PLYWOOD SUB-FLOOR
 - TOP PLATE: CONTINUOUS
 - BLOCKING
 - SILL PLATE
 - MOOLINE
 - TIE PLATE: 12" x 6" x 10 GA
 - PLATE ANCHOR: 4 - 1/4" S.M.S. (1 1/2" MIN. EMBEDMENT)
 - PLATE ANCHOR: 4 - 1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)
 - TIE PLATE: 12" x 4" x 10 GA
 - BUILDING ANCHORAGE: 6 - 5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)
 - LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.
 - 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.
 - 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.
 - THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.
- FOUNDATION AT BUILDING SEPARATION / END WALL**
- TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (6) 2x12x30' (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.
- FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL**
- TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (6) 2x12x30' (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.

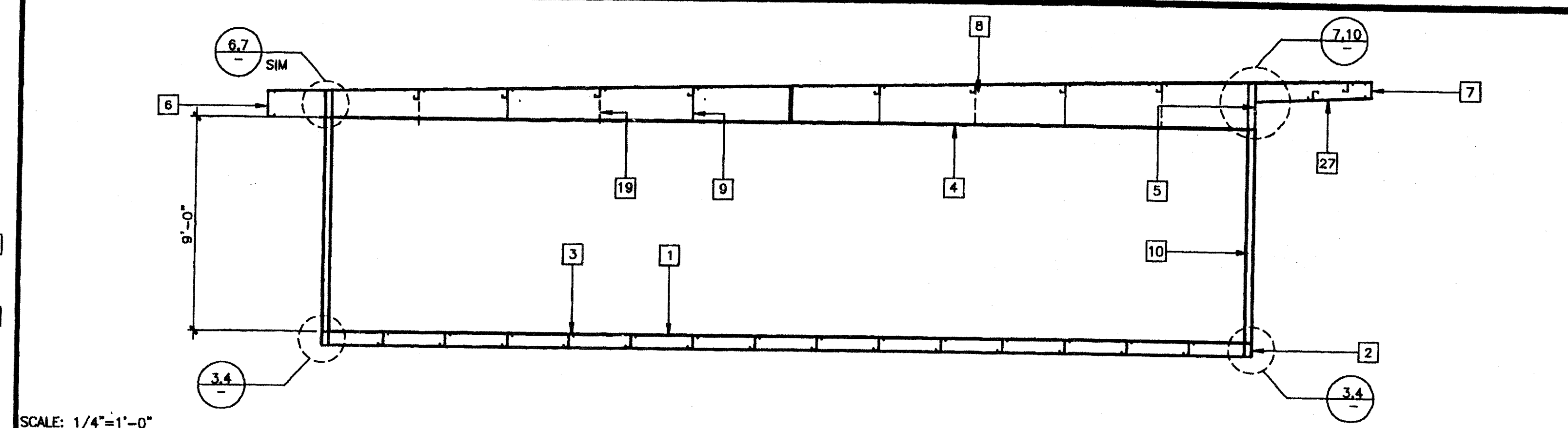
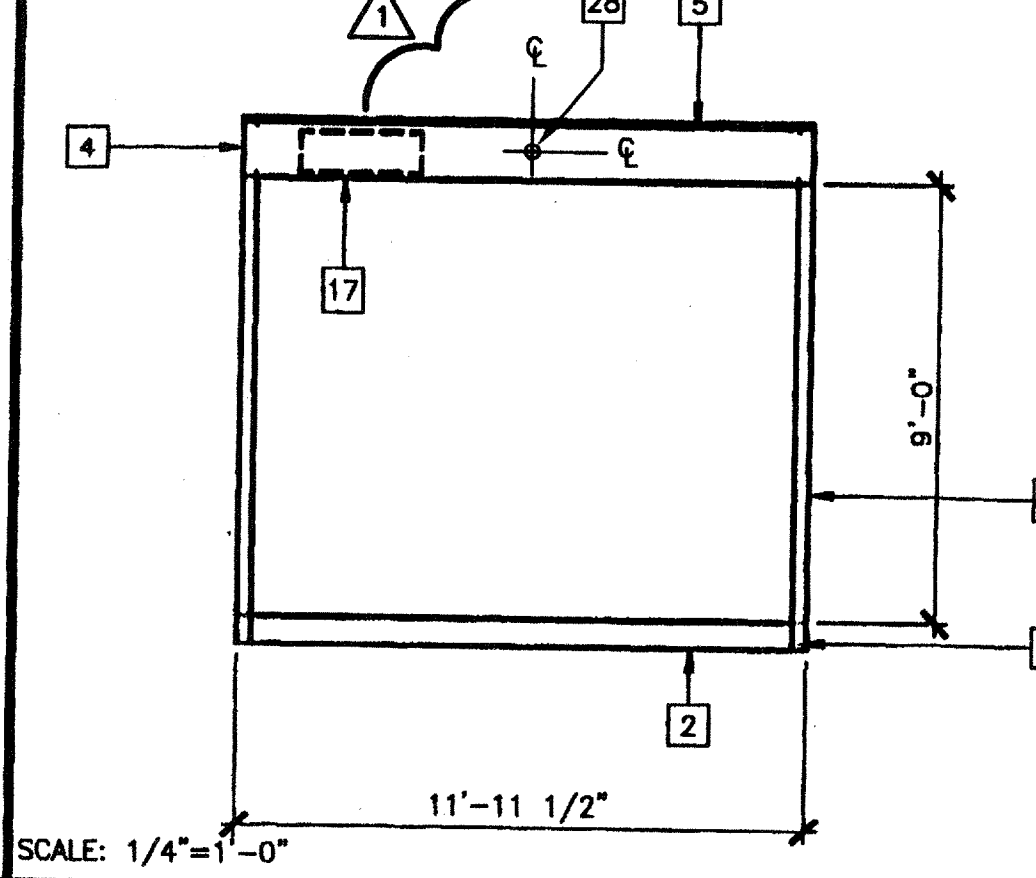
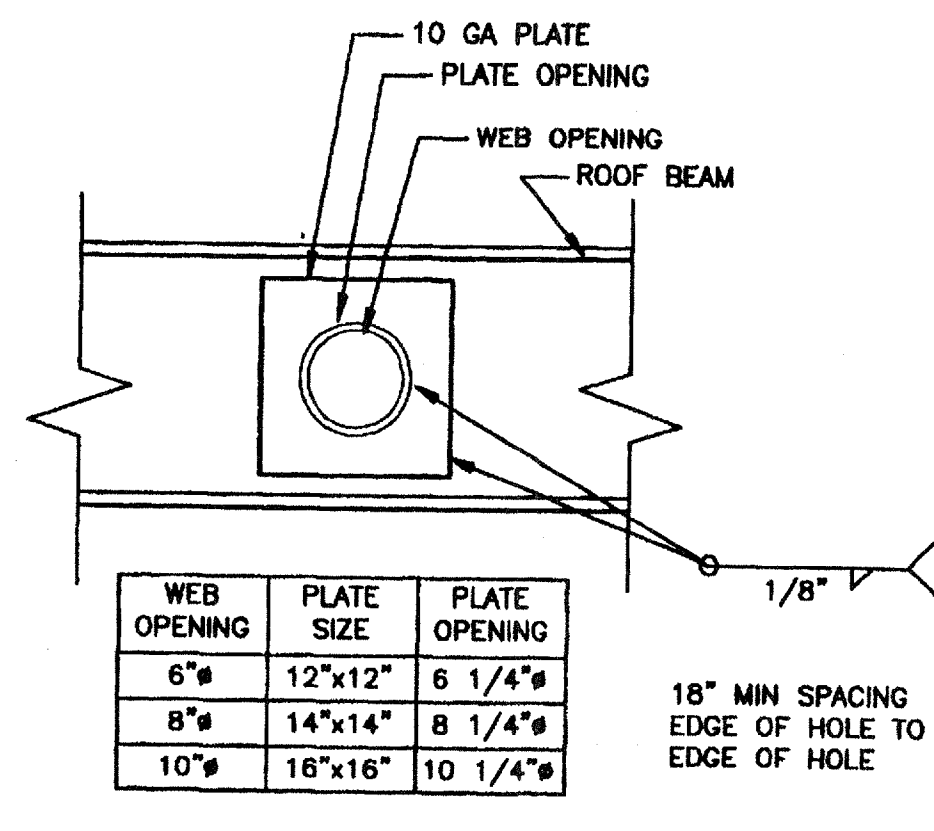
- GENERAL NOTES**
- SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.
USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0" ONE PERIOD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.
 - TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.
 - 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 INSPECTOR.
 - FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**
 - THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
 - 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 1/2" IN OVERALL LENGTH
 - THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

PRE-CHECK (PC) DOCUMENT
CODE 2010 CBC
A SEPARATE PROJECT APPLICATION
FOR CONSTRUCTION IS REQUIRED

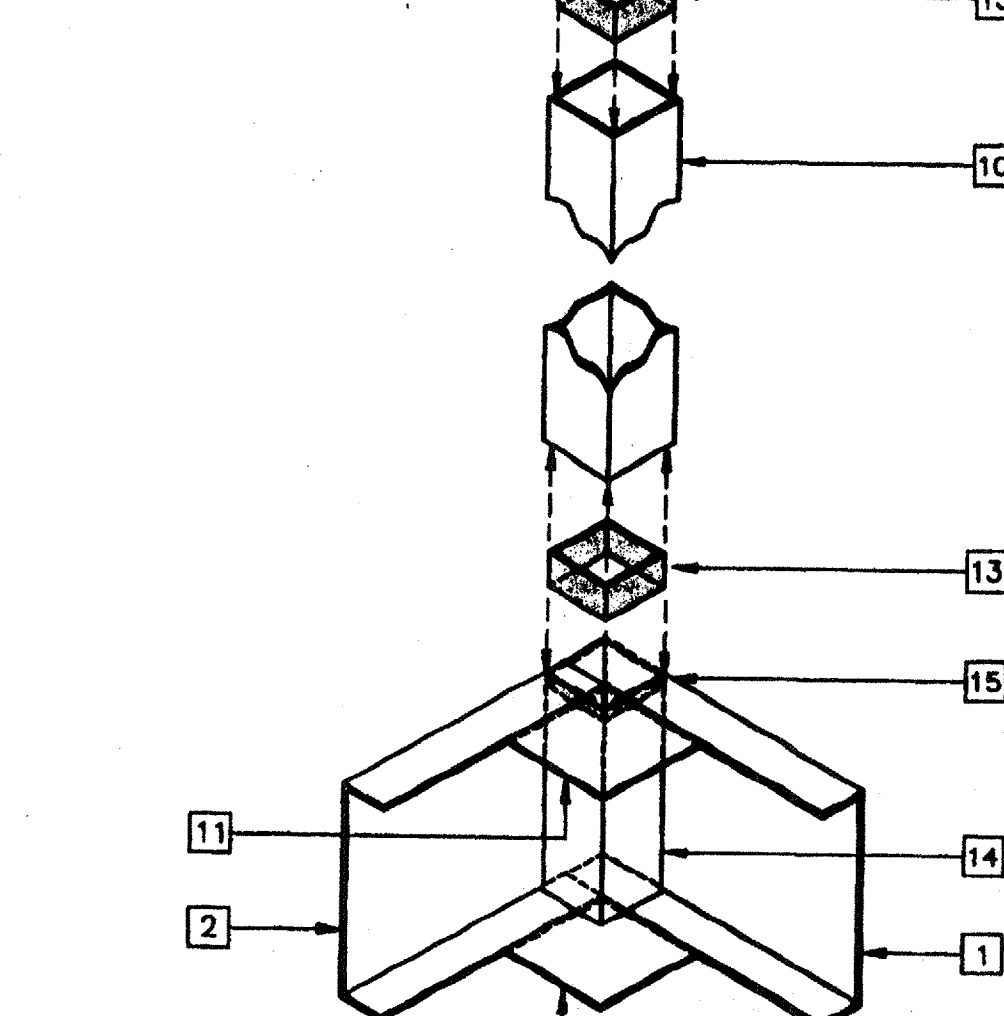
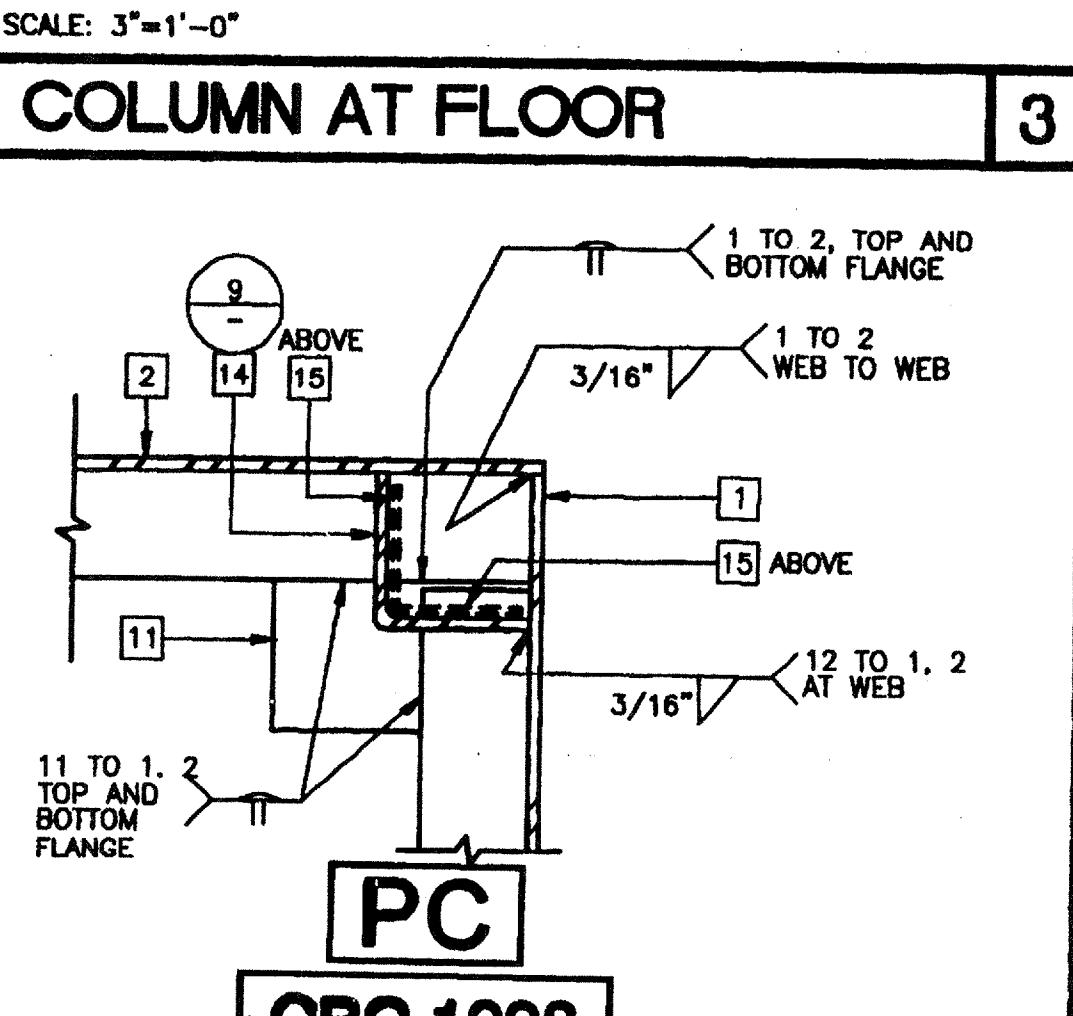
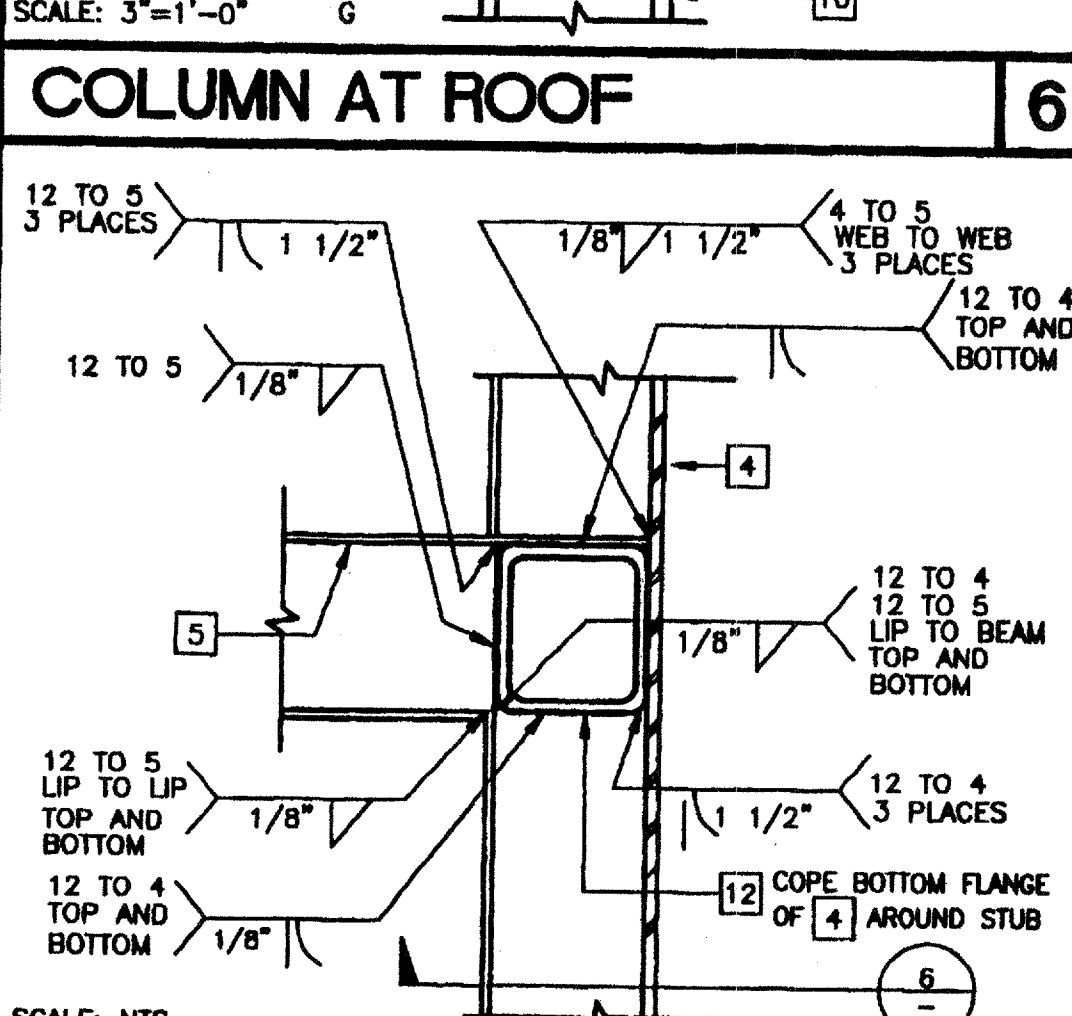
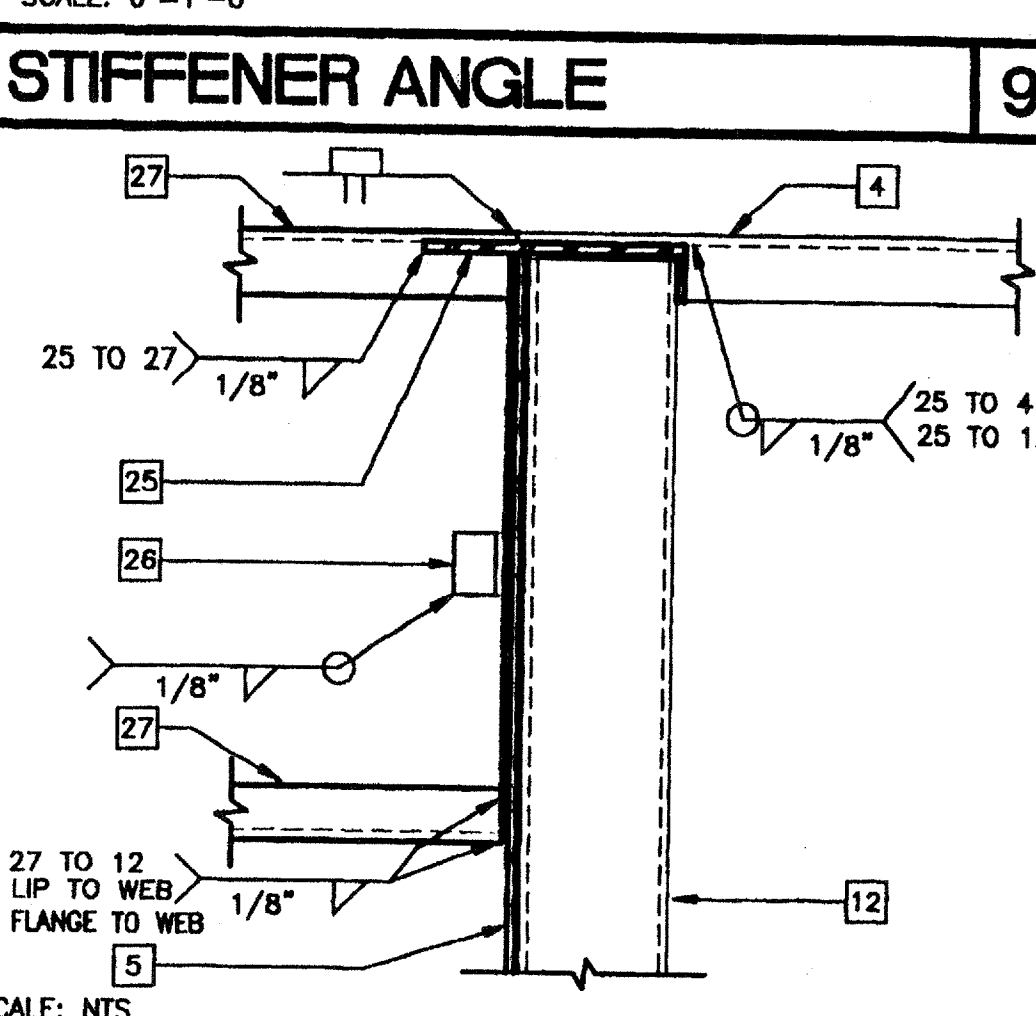
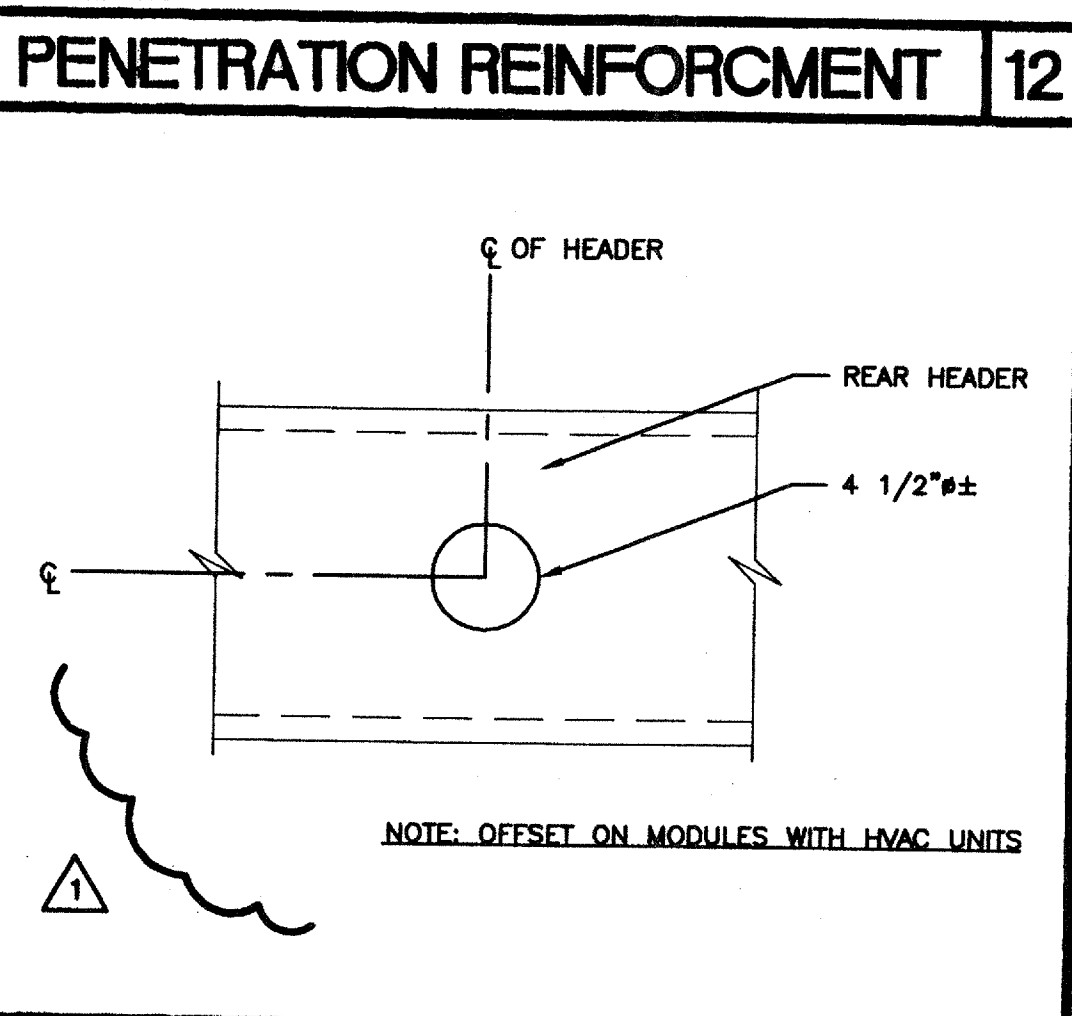
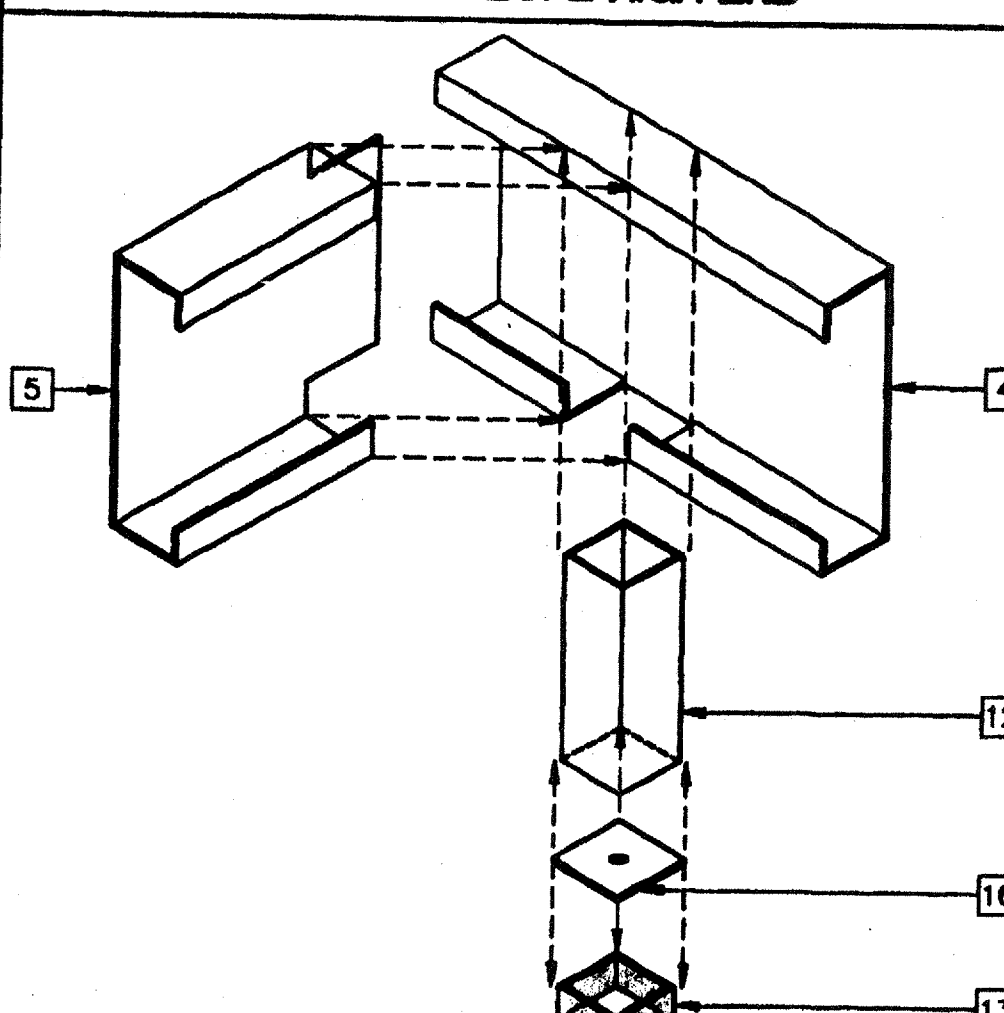
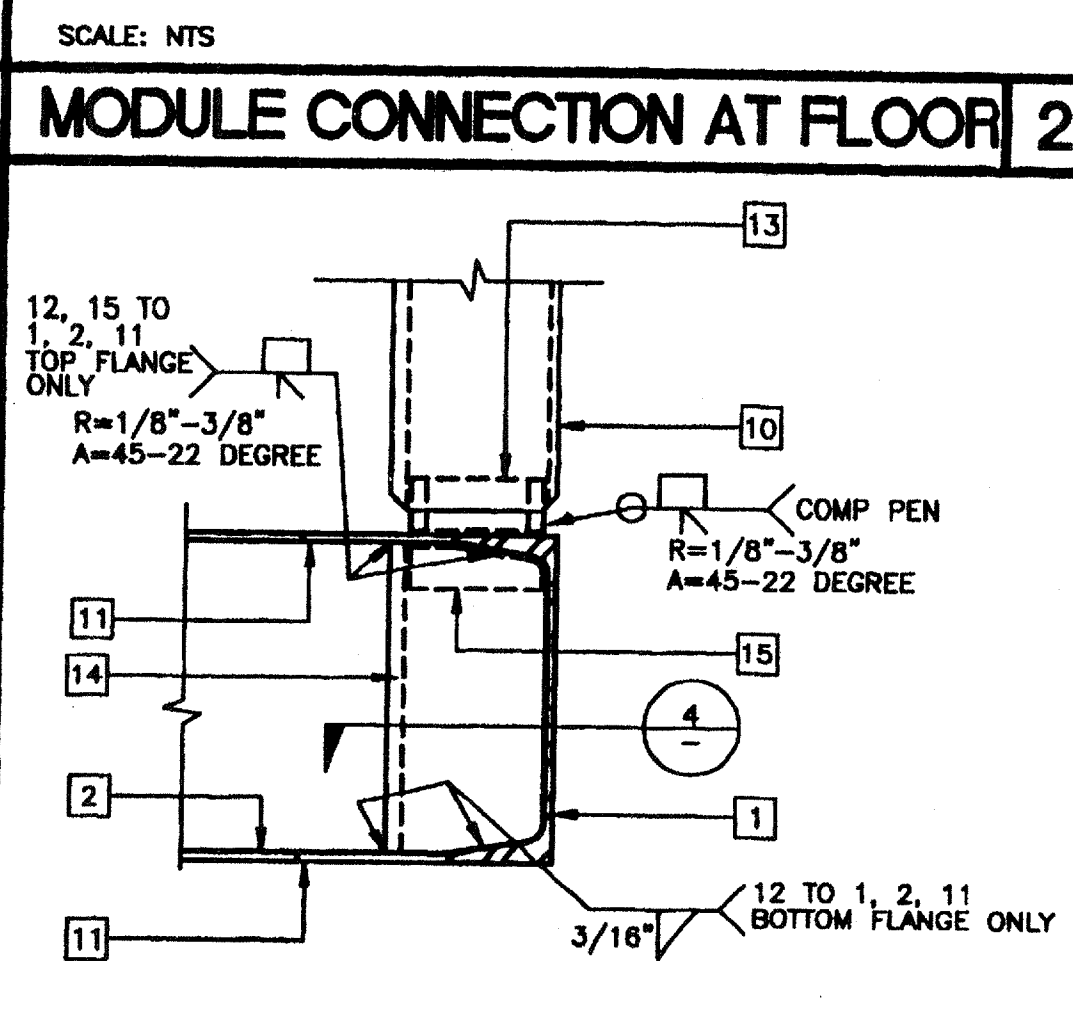
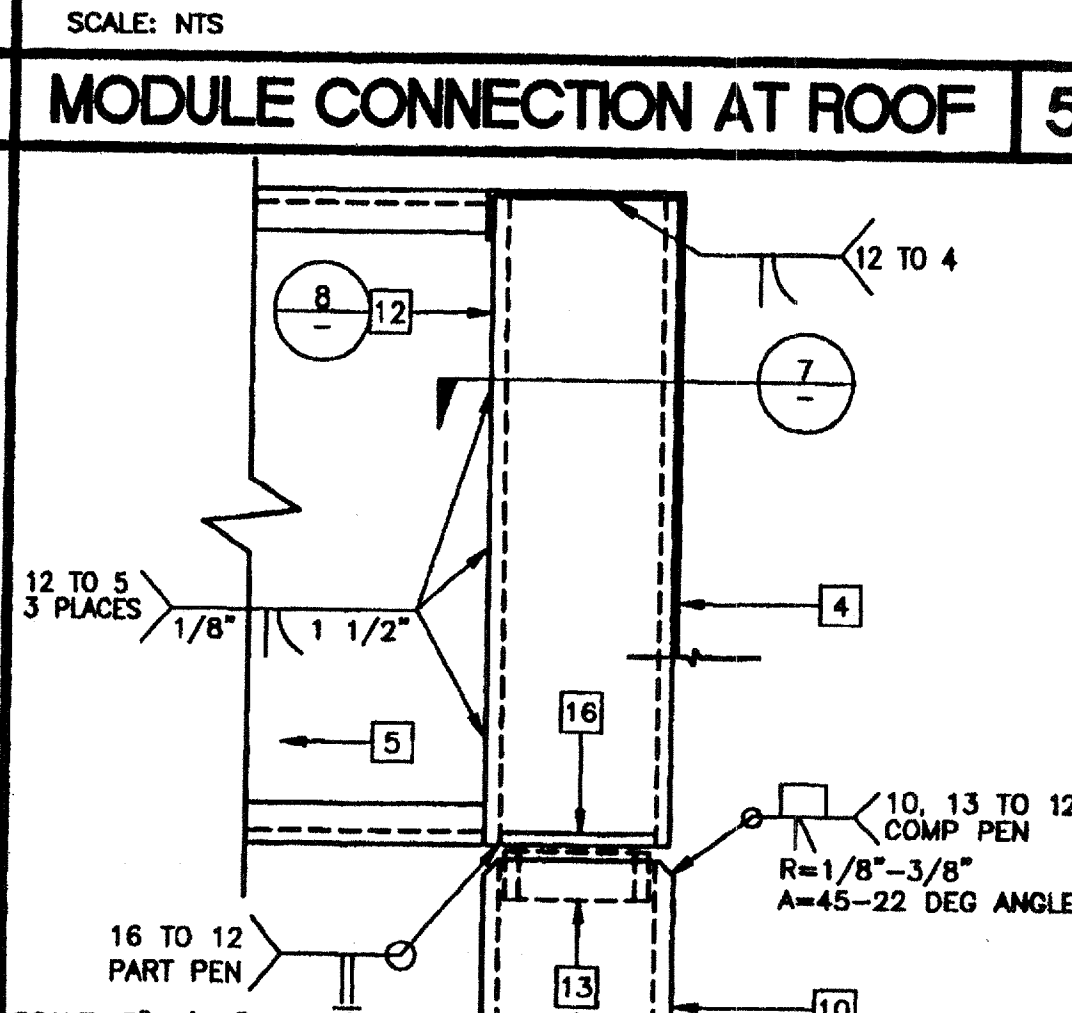
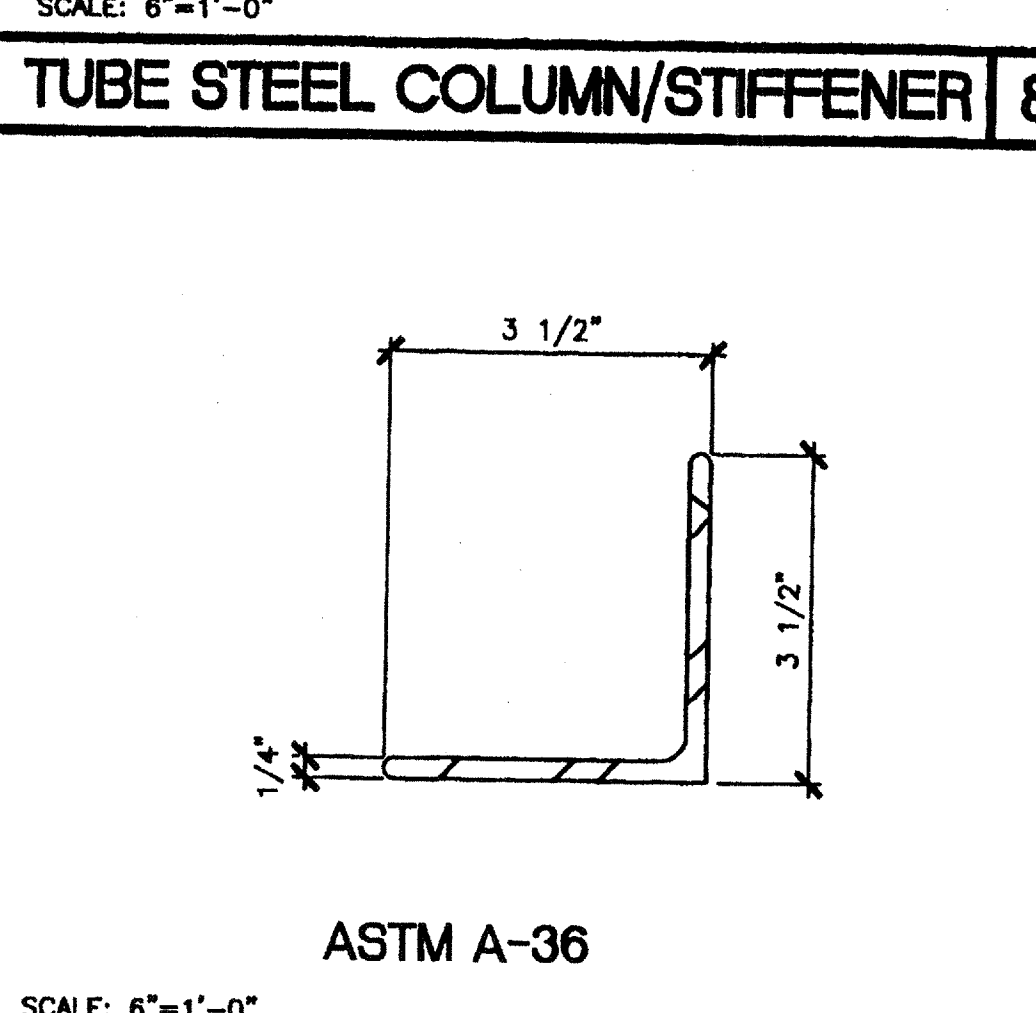
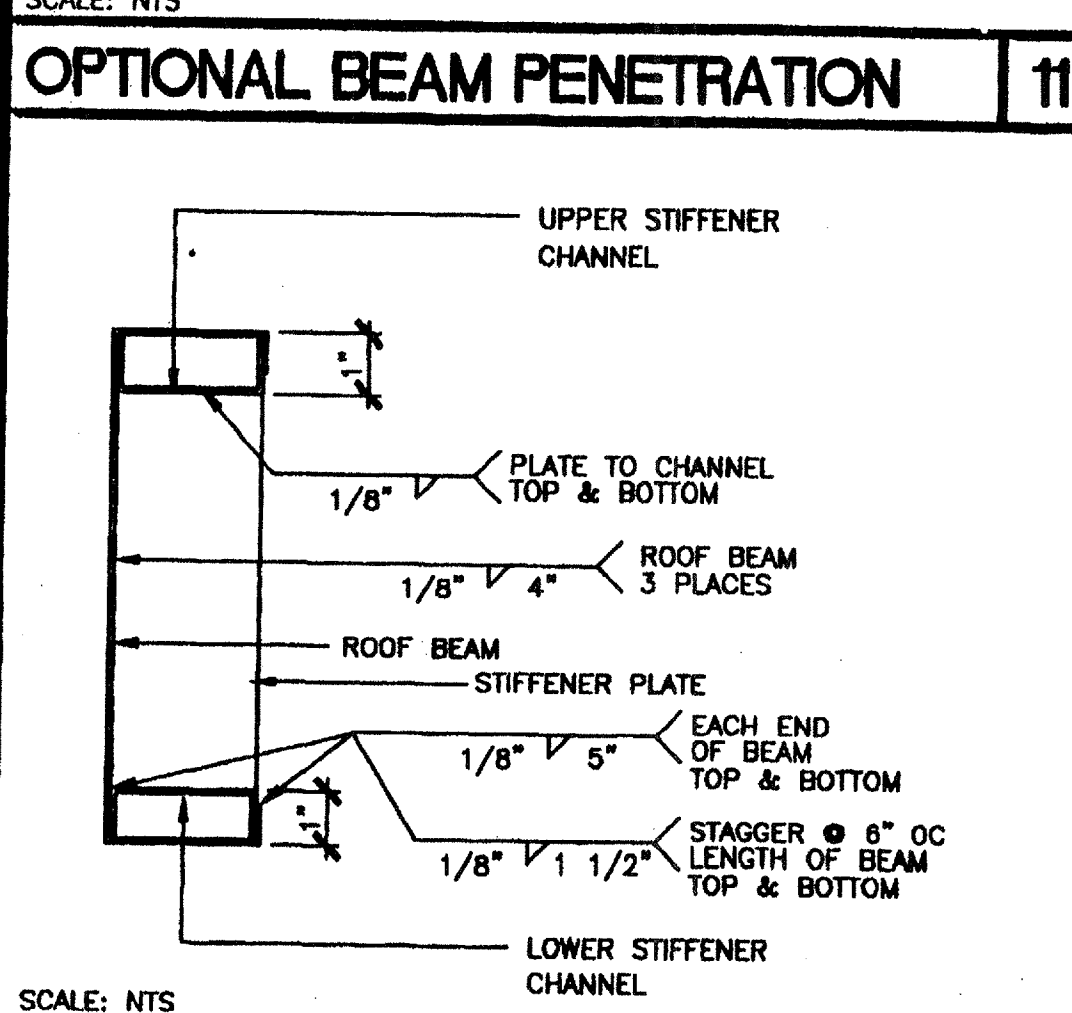
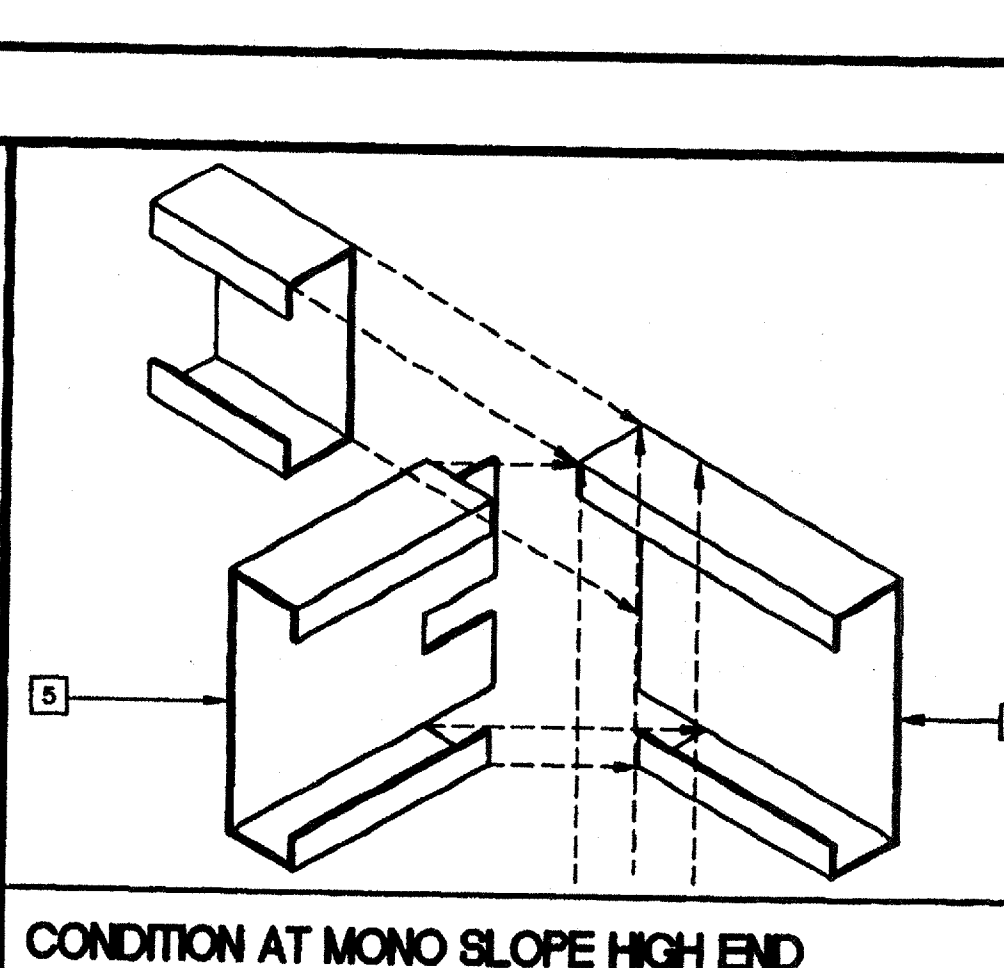
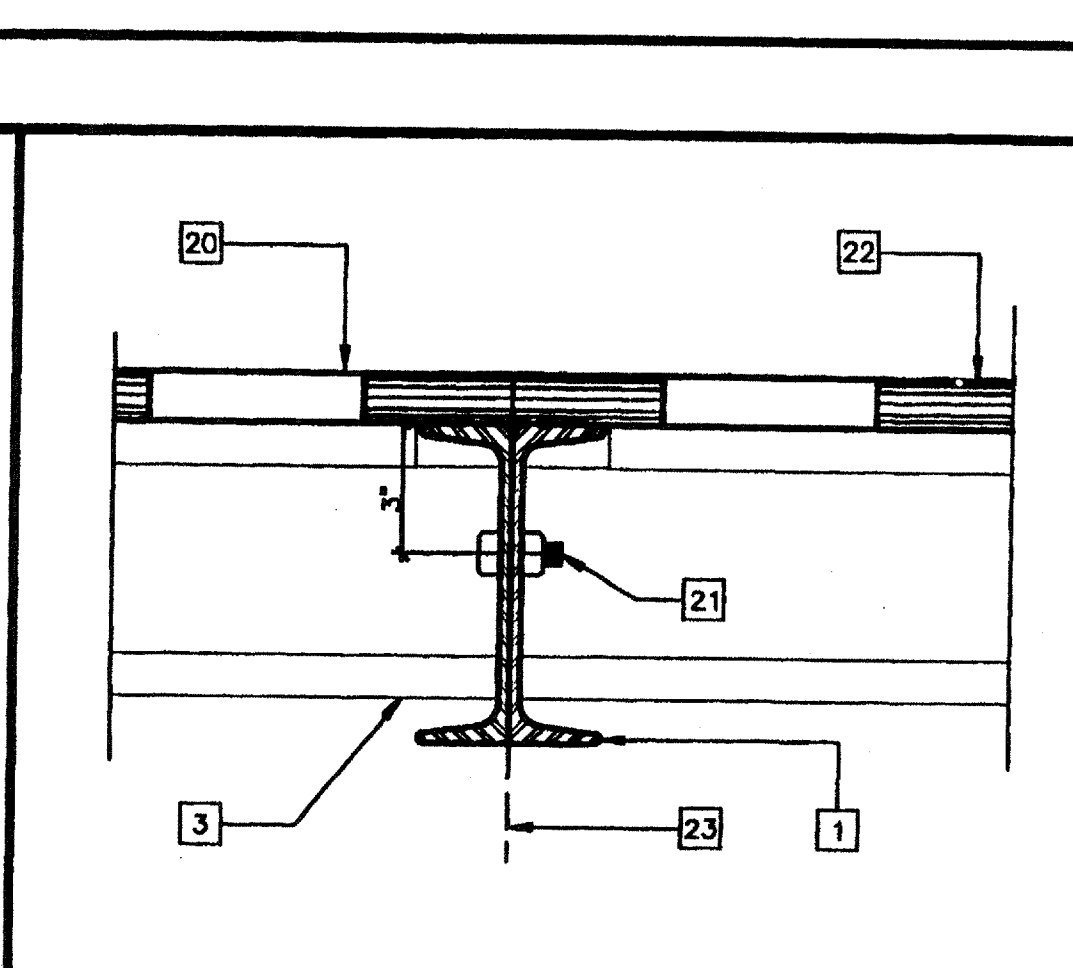
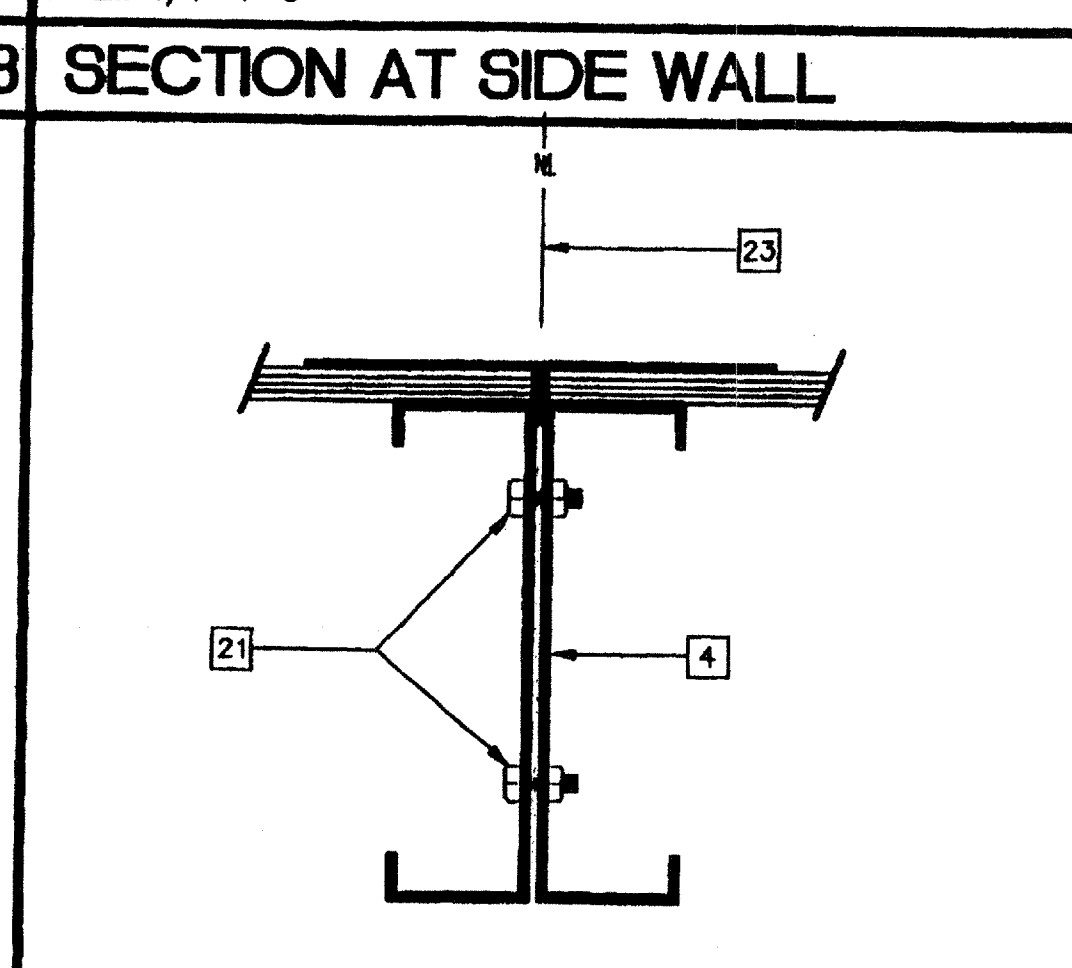
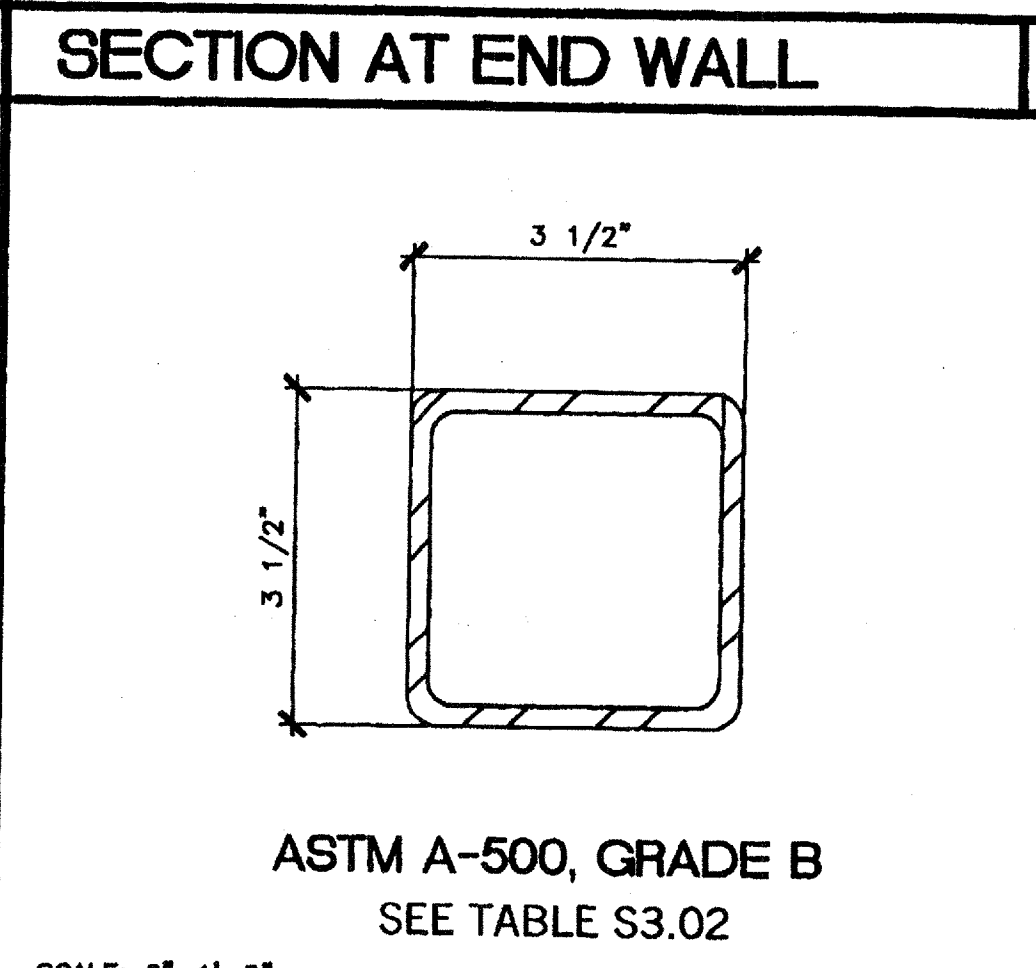
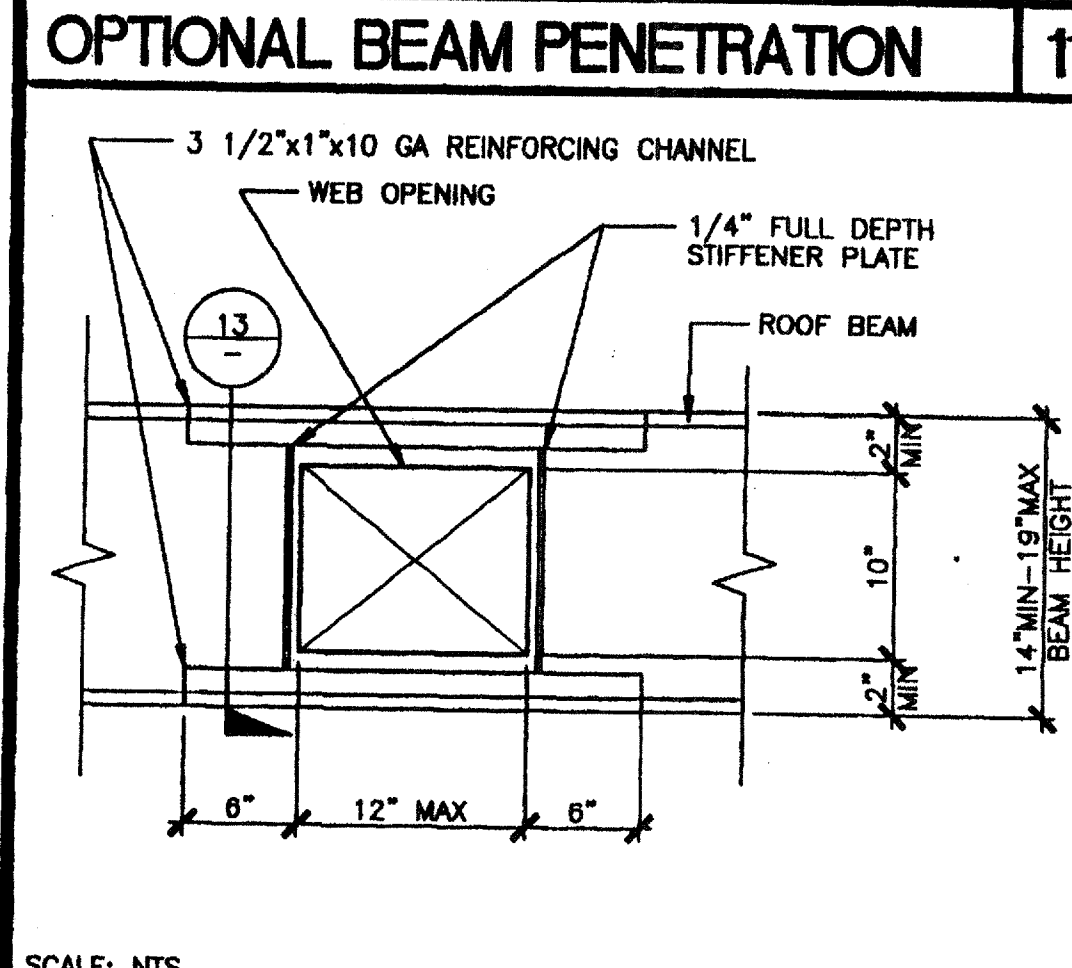
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OFFICE OF REGULATION SERVICES
PC 04-112161
AC 7/1/11
DATE FEB 02 2012



24x40 - 50 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS



- ### KEY NOTES
- FLOOR BEAM - 1/S1
 - FLOOR HEADER - 1/S1
 - FLOOR JOIST - 2/S1
 - TAPERED ROOF BEAM - 1/S2.02
 - ROOF HEADER - 2/S2.02
 - ROOF FASCIA AT 2'-8" OVERHANG - 3/S2.02
 - ROOF FASCIA AT 5'-0" OVERHANG - 3/S2.02
 - ROOF PURLIN - 4/S2.02
 - 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 9/S2.02
 - TUBE STEEL COLUMN, SEE TABLE BELOW - 8/S3.02
 - 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
 - 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
 - (1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
 - 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
 - BACK-UP PLATE - 10 GA MIN
 - 1/4" BASE PLATE - INSERT FLUSH WITH STIFFENER TUBE
 - HVAC DUCT OPENING - 12/S2.02
 - NOT USED
 - 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
 - HAND HOLE AT BOLT LOCATION
 - 5/8" MB A307 AT MODULE CONNECTION JOINT - SEE FLOOR/ROOF FRAMING PLANS
 - FLOOR SHEATHING
 - MODULE JOINT
 - NOT USED
 - 3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
 - STEEL ANGLE WELD TAB
 - 8"x3 1/2"x14 GA OVERHANG BEAM - 3/S2.02
 - ATTIC RELIEF VENT - SEE 13/-



COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN SIZE
80 MPH	3 1/2"x3 1/2"x5/16"

REVISIONS

NO.	DESCRIPTION	DATE
1	MCA ADDED ATTIC RELIEF INFO	04/09/02

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

ARCHITECTS
MODTECH INC.
101268
DATE: SEP 17 1999

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

PROJECT NUMBER: 4134, 4153, 4173, 4250
4284, 4373, 4422, 4506

STKP-62
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02

STRUCTURAL FRAMING 26 GA MONO PITCH **S3.02**

ELECTRICAL PANEL SCHEDULE

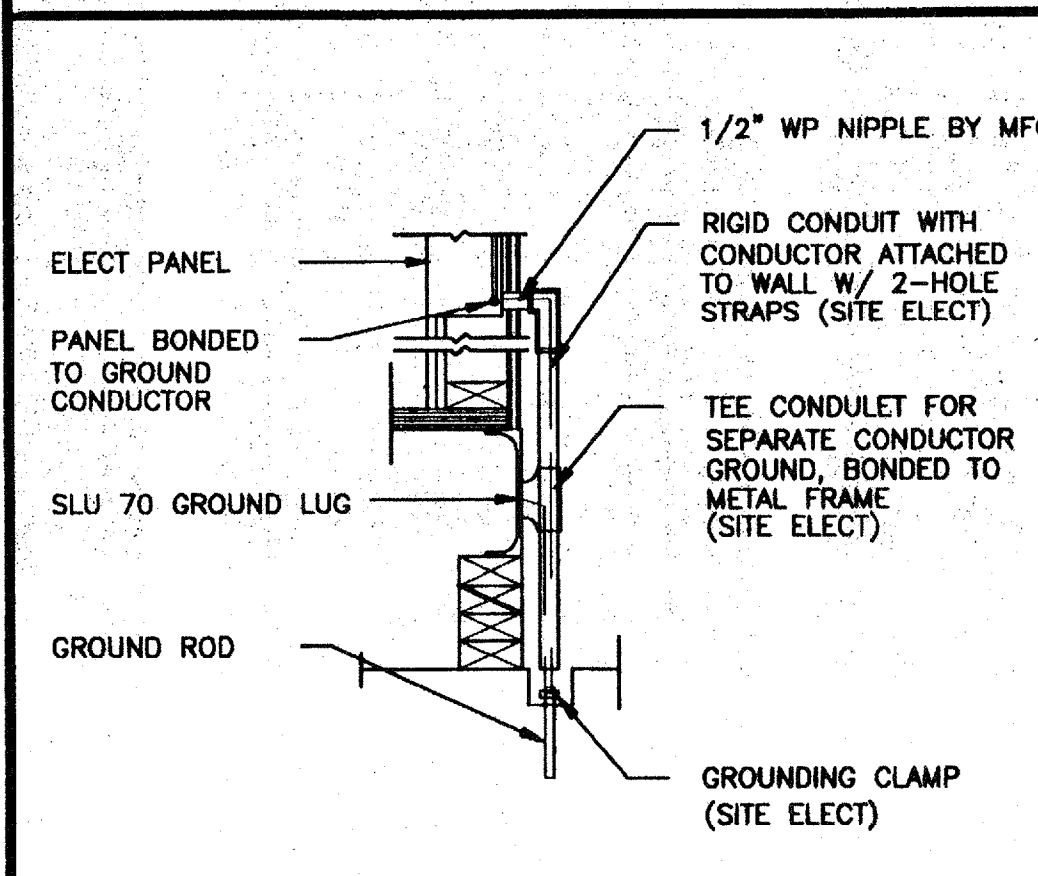
MAIN: 100 AMP 12 POLE		PANEL: A		FEED: REAR	
		LOCATION: REAR/INTERIOR		MOUNTING: FLUSH	
LOAD	WATTS		BREAKER		LOAD
	A#	B#	Amps	P	
RECEPTACLE	720		20	1	HVAC (3 1/2T)
RECEPTACLE/CLOCK		720	20	1	HVAC (3 1/2T)
					HEAT STRIPS (5KW)
INT/EXT LIGHTS	900		20	1	HEAT STRIPS (5KW)
INT. LIGHTS		840	20	1	FIRE ALARM (DEDICATED)
WATTS/PHASE	A = 7480	1620	1560		5860 5900 B = 7480 WATTS/PHASE
TOTAL	15385	WATTS	65	AMPS	120/240 VOLTS SINGLE # THREE WIRE

GENERAL GROUNDING NOTES

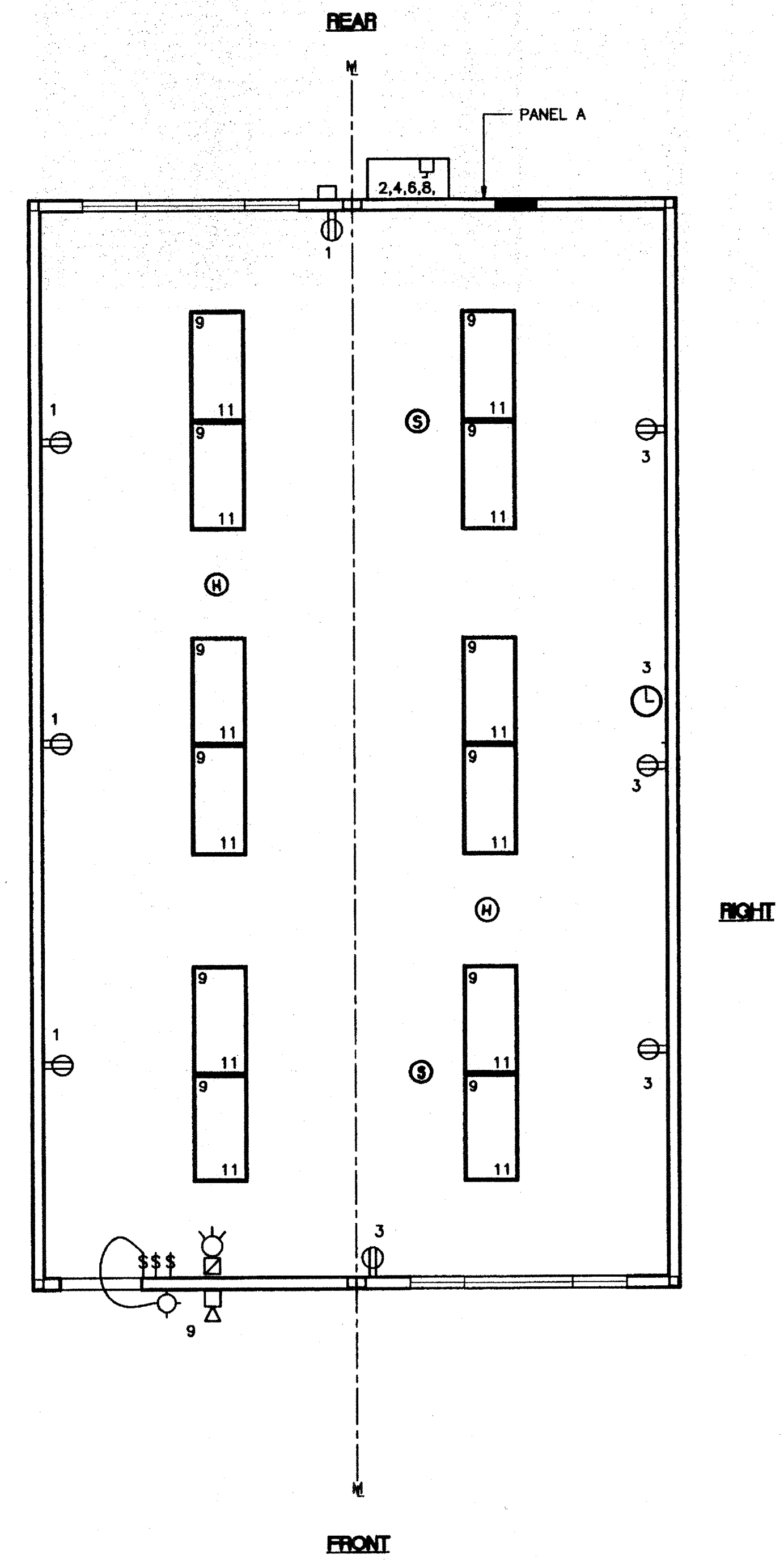
- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
- TESTING: TEST FOR RESISTANCE TO GROUND, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +83" AFF
- SWITCH AT +48" AFF
- 3WAY SWITCH AT +48" AFF UON
- DUPLEX WALL RECEPTACLE 15A 125V 3-WIRE AT +18" AFF UON
- HVAC UNIT (HV)
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, TO 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE AT +80" AFF 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +96" AFF 3/4" CO TO PULLSTRING
- WEATHER PROOF GUTTER BOX (6"x6"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING
- ELECTRICAL PANEL AT +80" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- CLOCK AT +90" AFF
- 4SD J BOX FOR HEAT DETECTOR (ATTIC) *
- 4SD J BOX FOR SMOKE DETECTOR (ATTIC) *

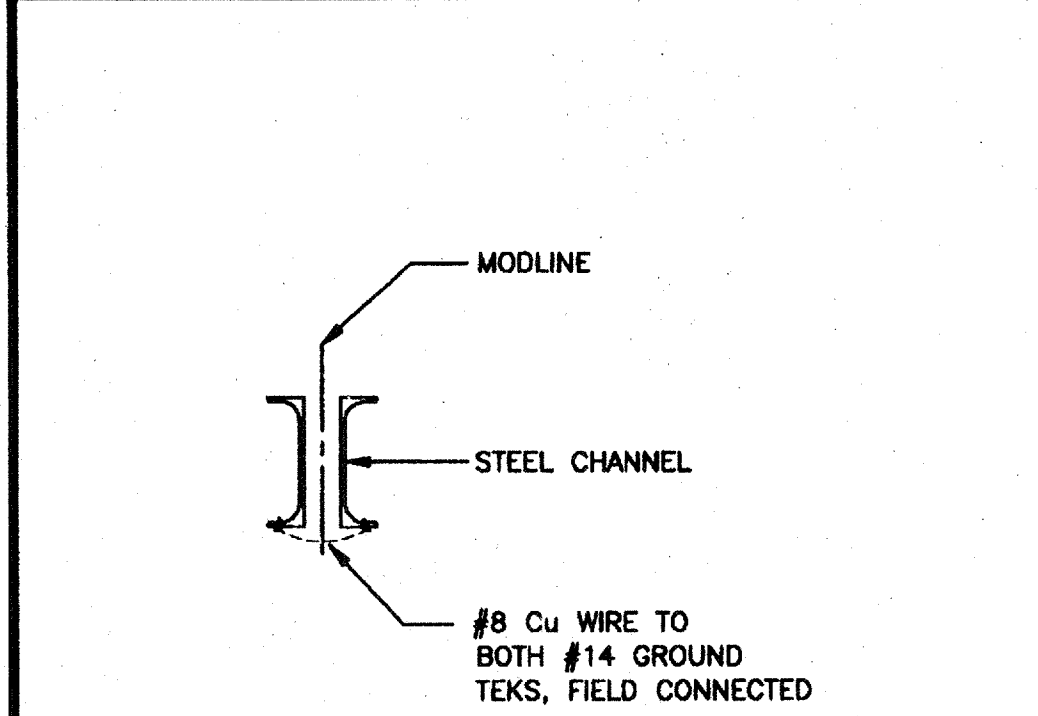


TYP GROUNDING DETAIL 1

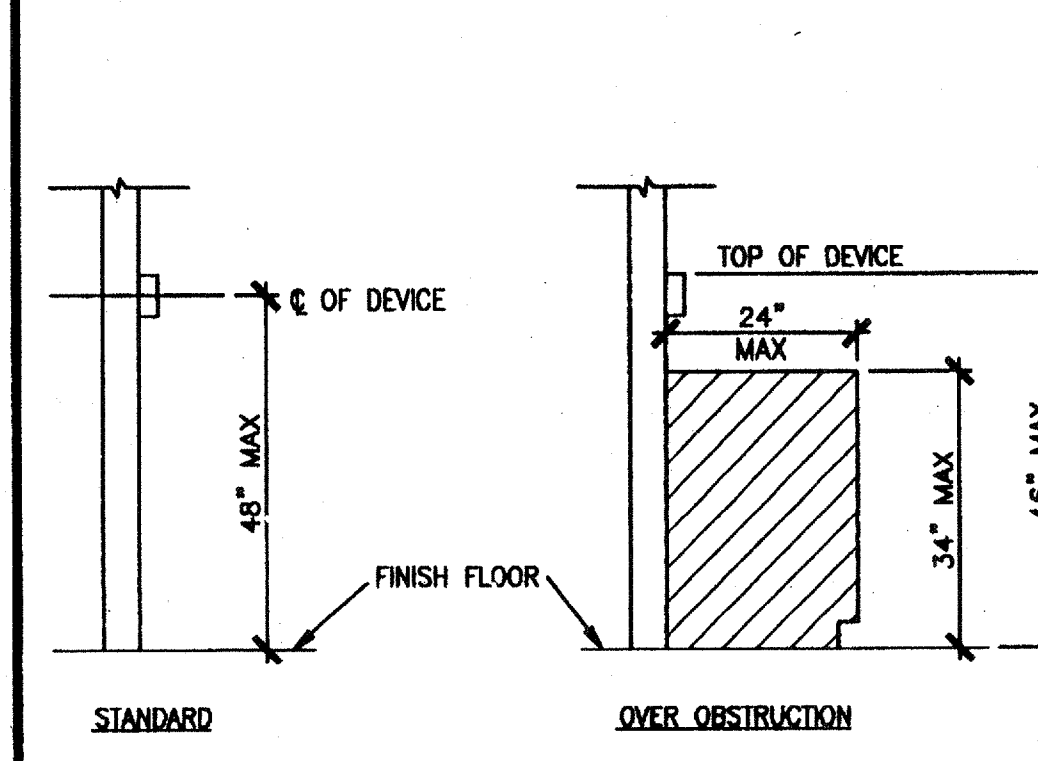


ELECTRICAL PLAN A (24'x40')
SCALE: 1/4" = 1'-0"

TYP GROUNDING DETAIL 2



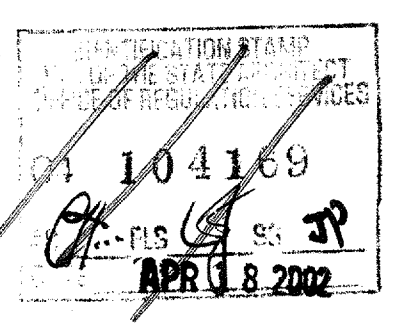
GROUND JUMPER AT MOD LINE 2



DEVICE MOUNTING 3

NOTES

- SCHOOL EQUIPMENT ANCHORAGE
THE FOLLOWING IS FOR THE ARCHITECTS INFORMATION ONLY:
THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO CCR TITLE 24, SECTION 1632A AND TABLE 16A-0. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS & HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS MAY BE OMITTED FROM THE PLANS.
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
EQUIPMENT ON GRADE: 20% OF OPERATING WEIGHT
EQUIPMENT ON STRUCTURE: 30% OF OPERATING WEIGHT
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.
THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 4
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.
- SMOKE AND HEAT DETECTORS SHOWN ARE FOR OPTIONAL AUTOMATIC DETECTION. IF ELECTED AS AN OPTION MODTECH WILL PROVIDE 4SD BOXES AND 3/4" CO MOUNTED ON UNDERSIDE OF ROOF PURLINS. DEVICES PROVIDED AND INSTALLED BY OTHERS



CBC 1993

STKP-62

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect	IDENTIFICATION STAMP	MODTECH INC.	PROJECT NUMBER: 4134, 4153, 4173, 4203	MODTECH, INC./2001	DRAWN BY: M. ANDERSEN
1					PC-04 10/268	2830 BARRETT AVENUE PERRIS, CALIF. 92572	4207, 4215, 4250	DATE: APR 15 2002	CHECKED BY: 4012-121
2						PH (909) 943-4014	4284, 4302, 4350	DATE: 04-16-02	
3						FAX (909) 940-0427	4304, 4347, 4373, 4422		
4							4506		
5									

Professional Engineer's Seal: *[Signature]*

Professional Engineer's Seal: *[Signature]*

Professional Engineer's Seal: *[Signature]*

Architect: **GEORGE C. EDWARDS**, LICENSED ARCHITECT, STATE OF CALIFORNIA, LICENSE NO. 104169

IDENTIFICATION STAMP: PC-04, 10/268, DATE: APR 15 2002

MODTECH INC. 2830 BARRETT AVENUE, PERRIS, CALIF. 92572

PROJECT NUMBER: 4134, 4153, 4173, 4203

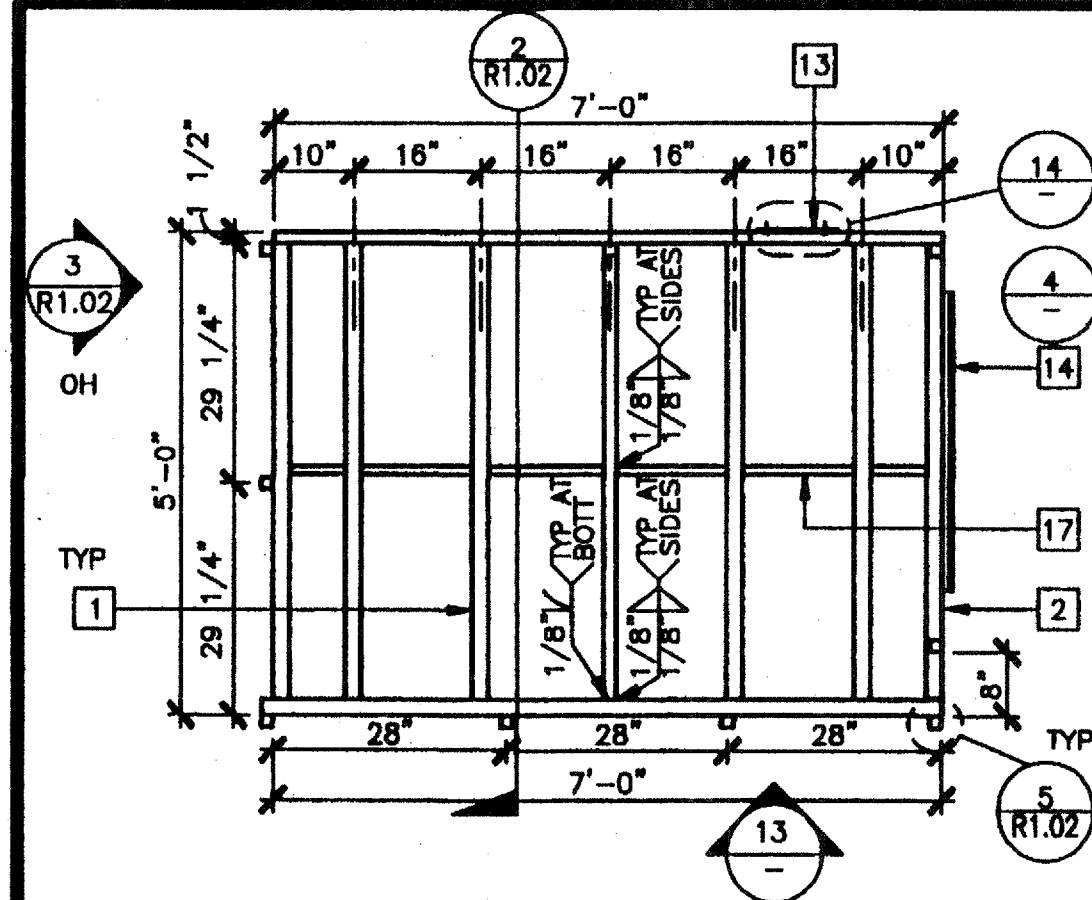
MODTECH, INC./2001

DRAWN BY: M. ANDERSEN
DATE: APR 15 2002

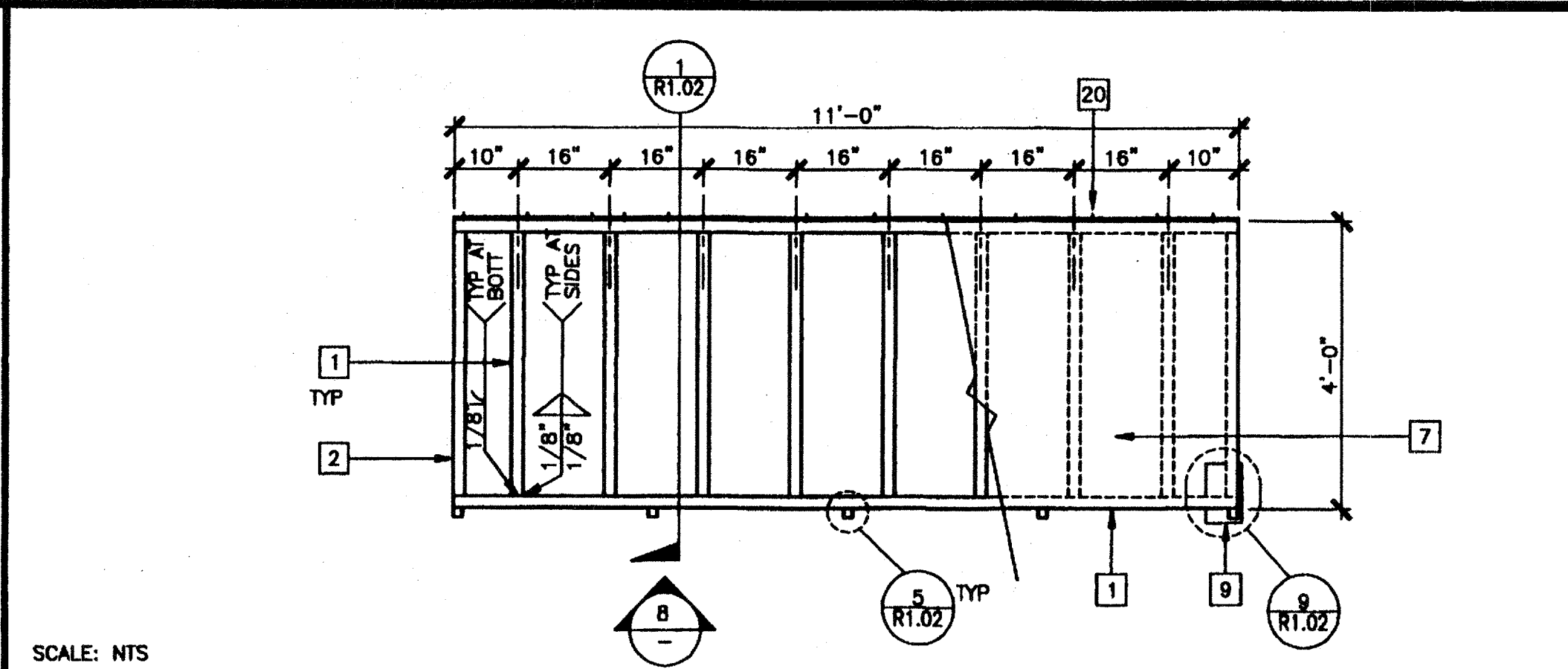
CHECKED BY: 4012-121
DATE: 04-16-02

MODTECH Index No. **E1.01A**

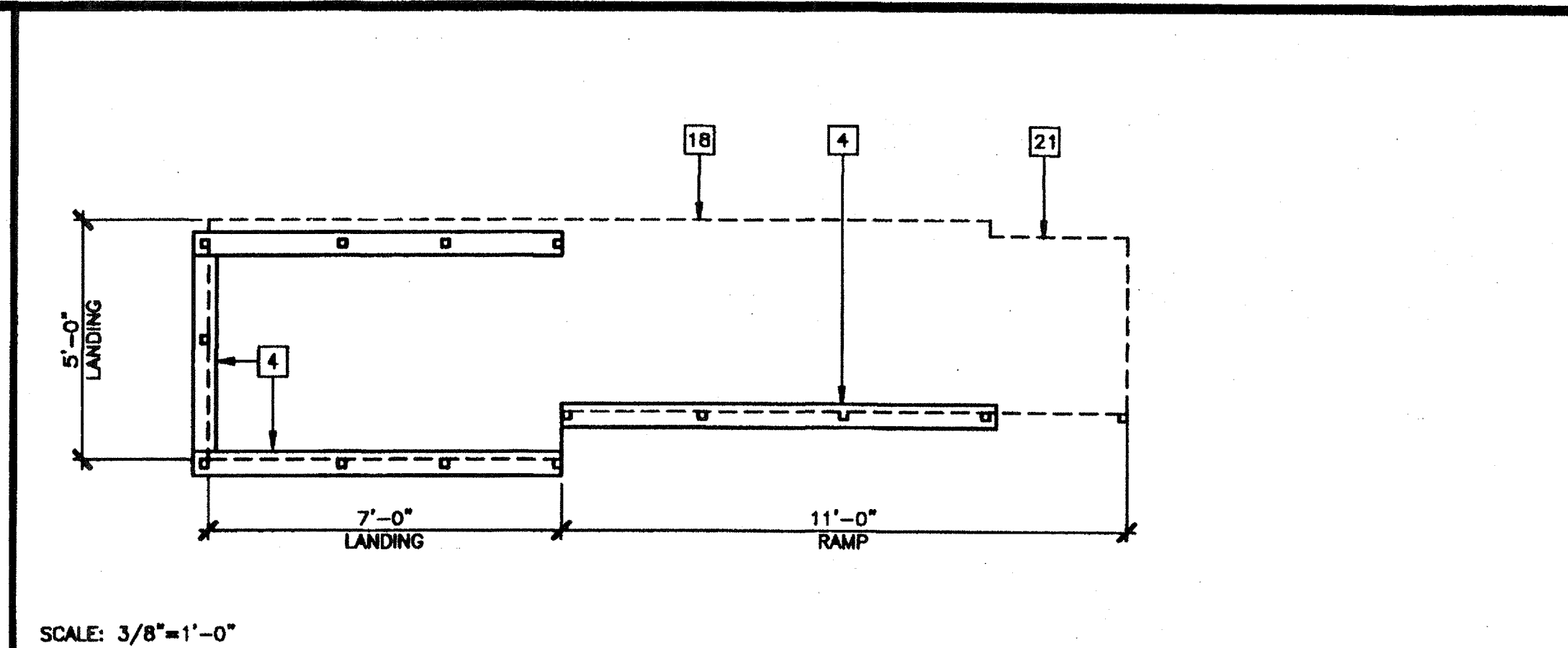
ELECTRICAL PLAN 24'x40' STANDARD



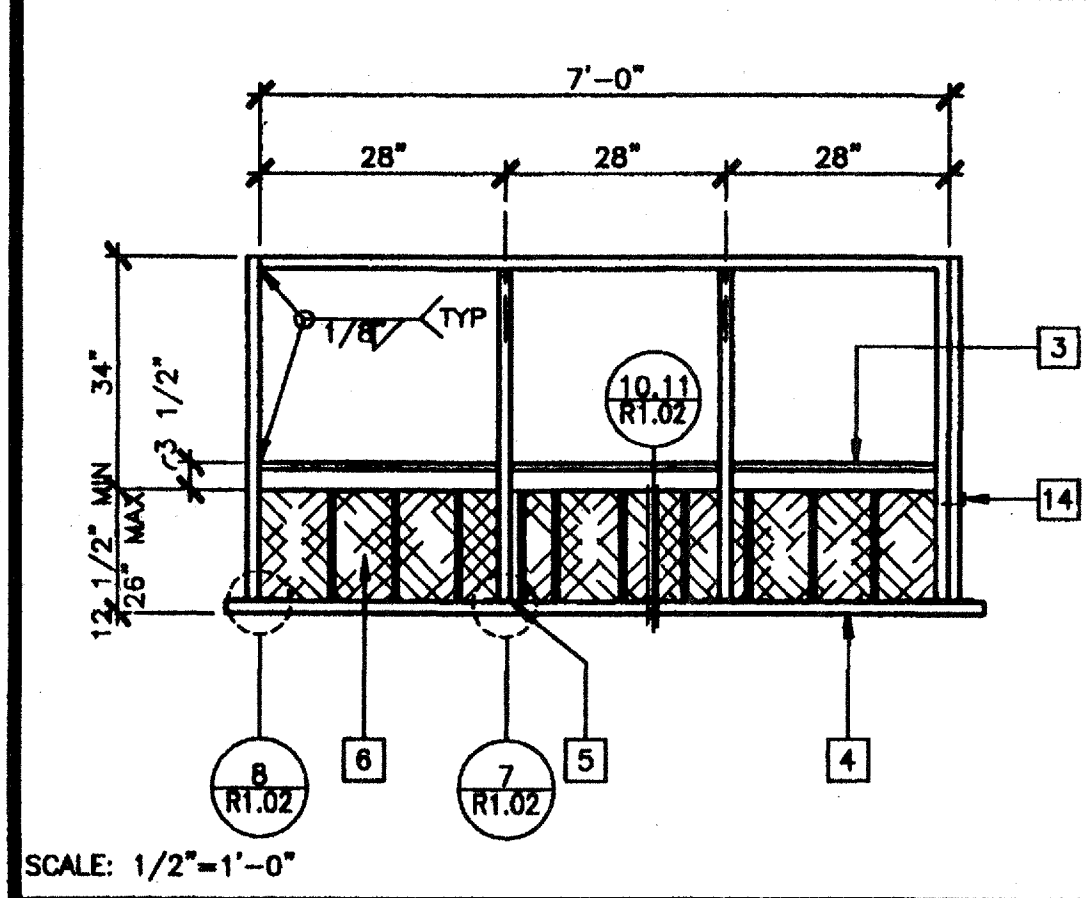
LANDING FRAME 12



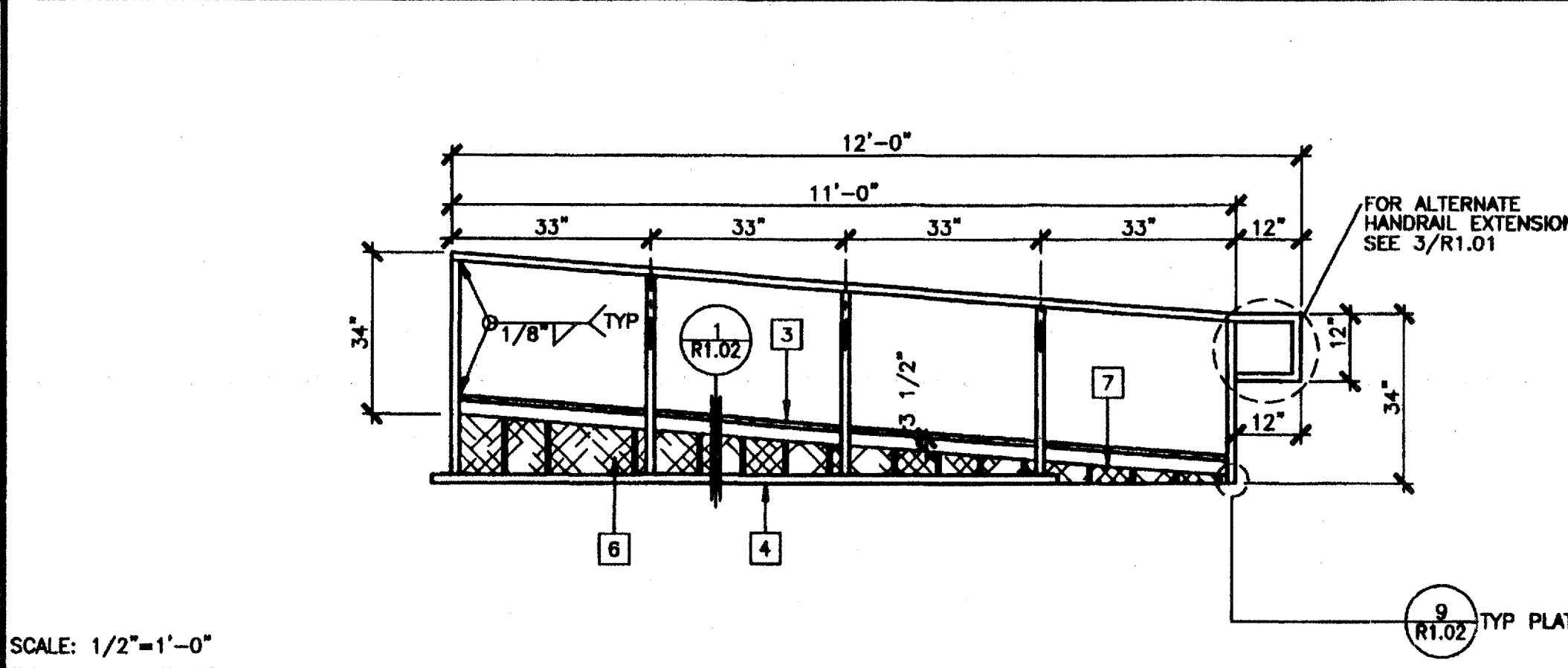
RAMP FRAME 7



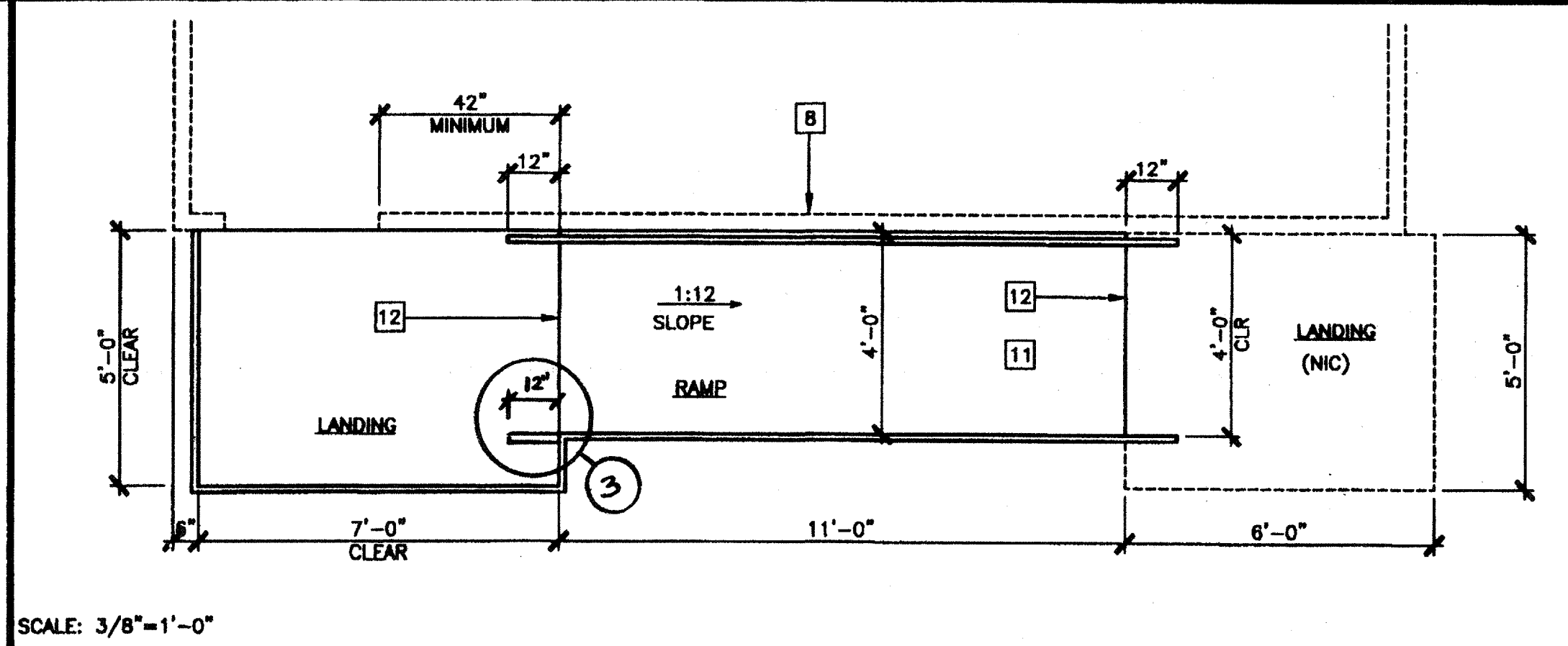
SILL PLAN FOR RAMP AND LANDING 1



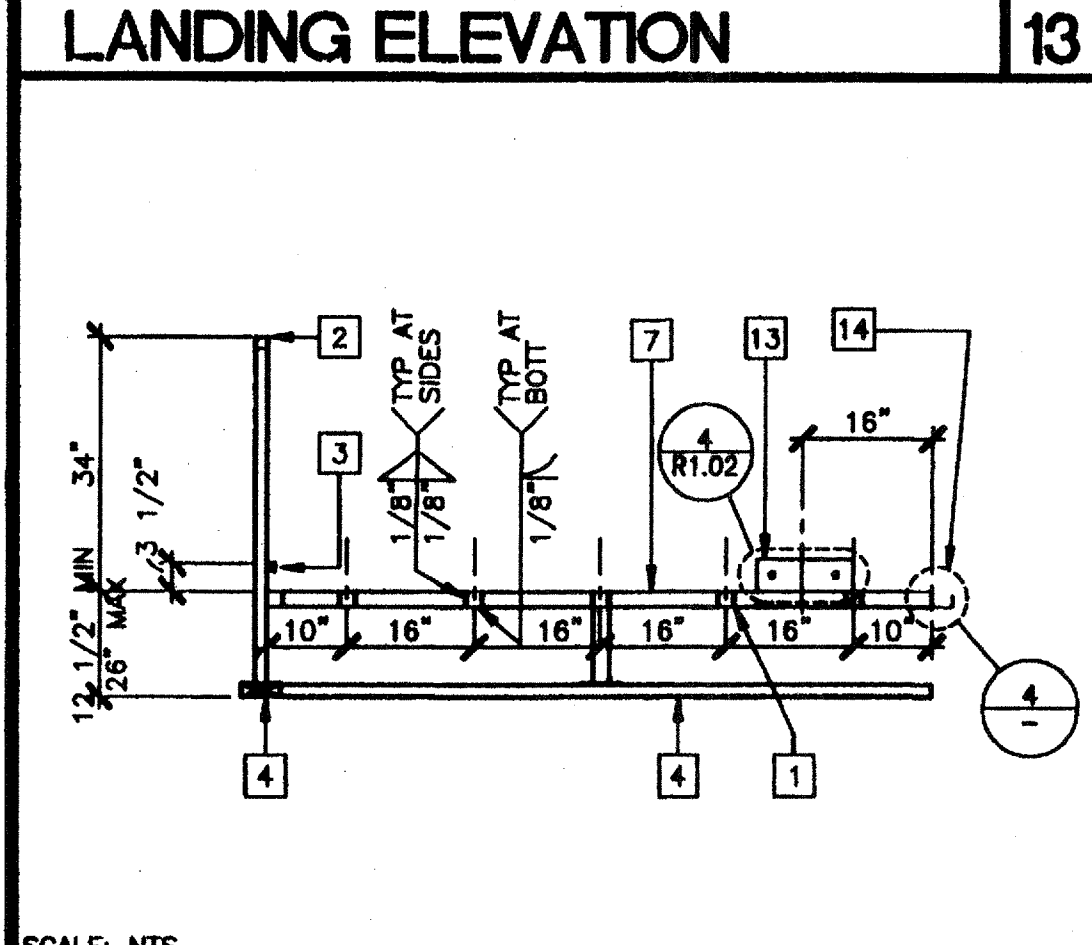
LANDING ELEVATION 13



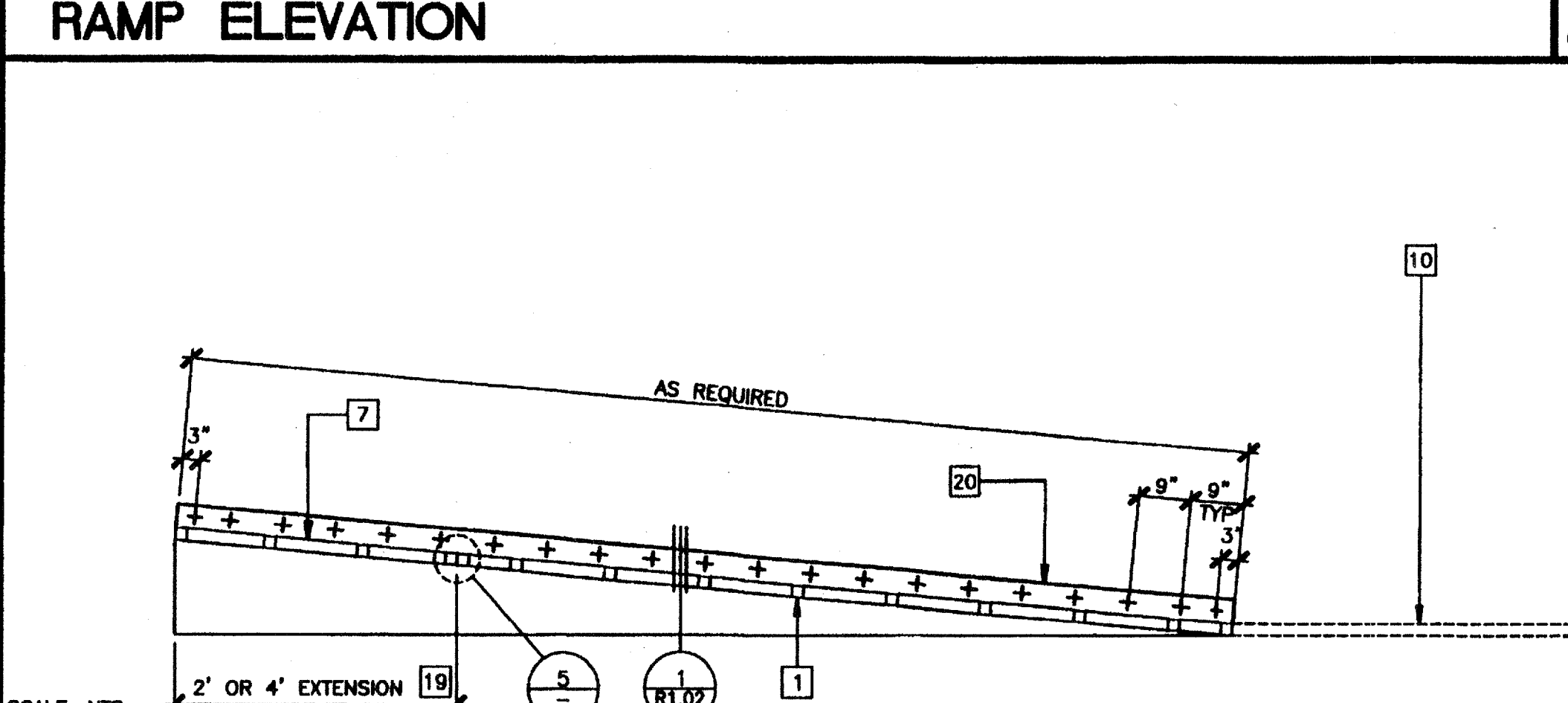
RAMP ELEVATION 8



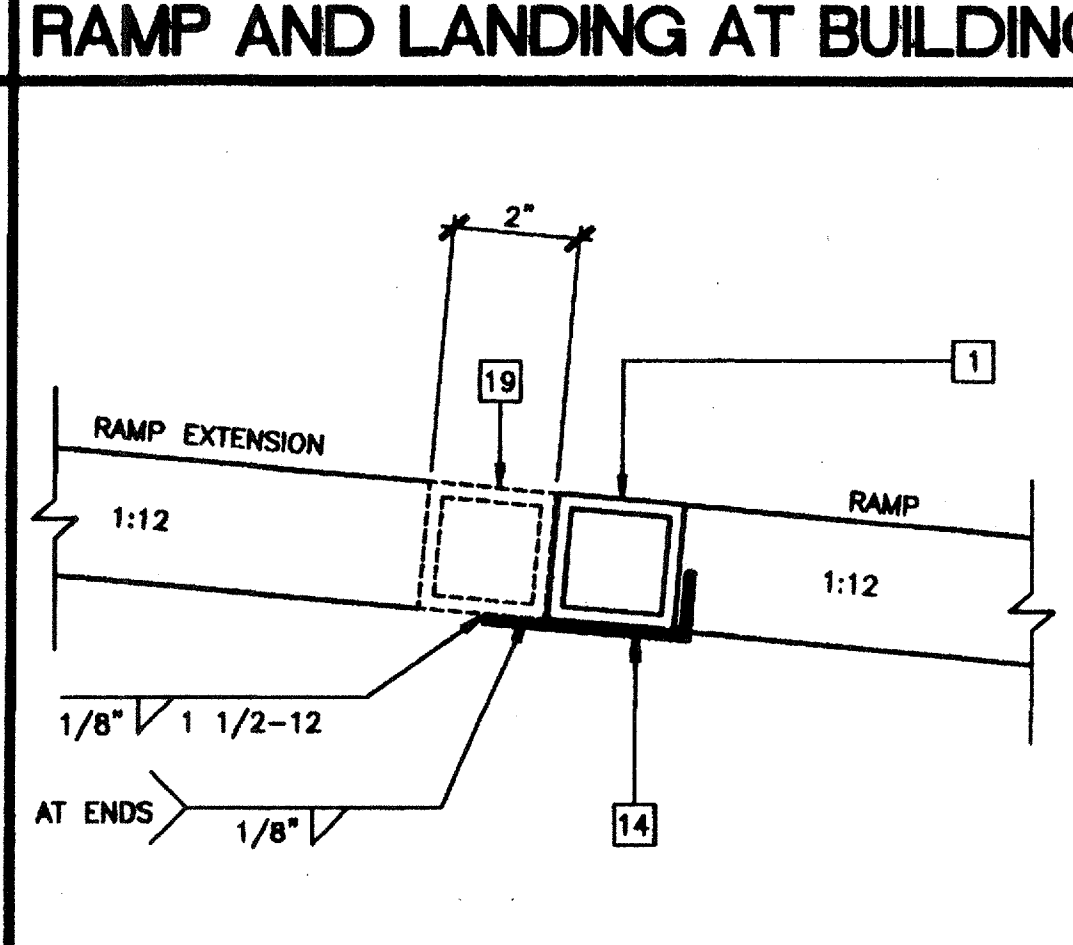
RAMP AND LANDING AT BUILDING 2



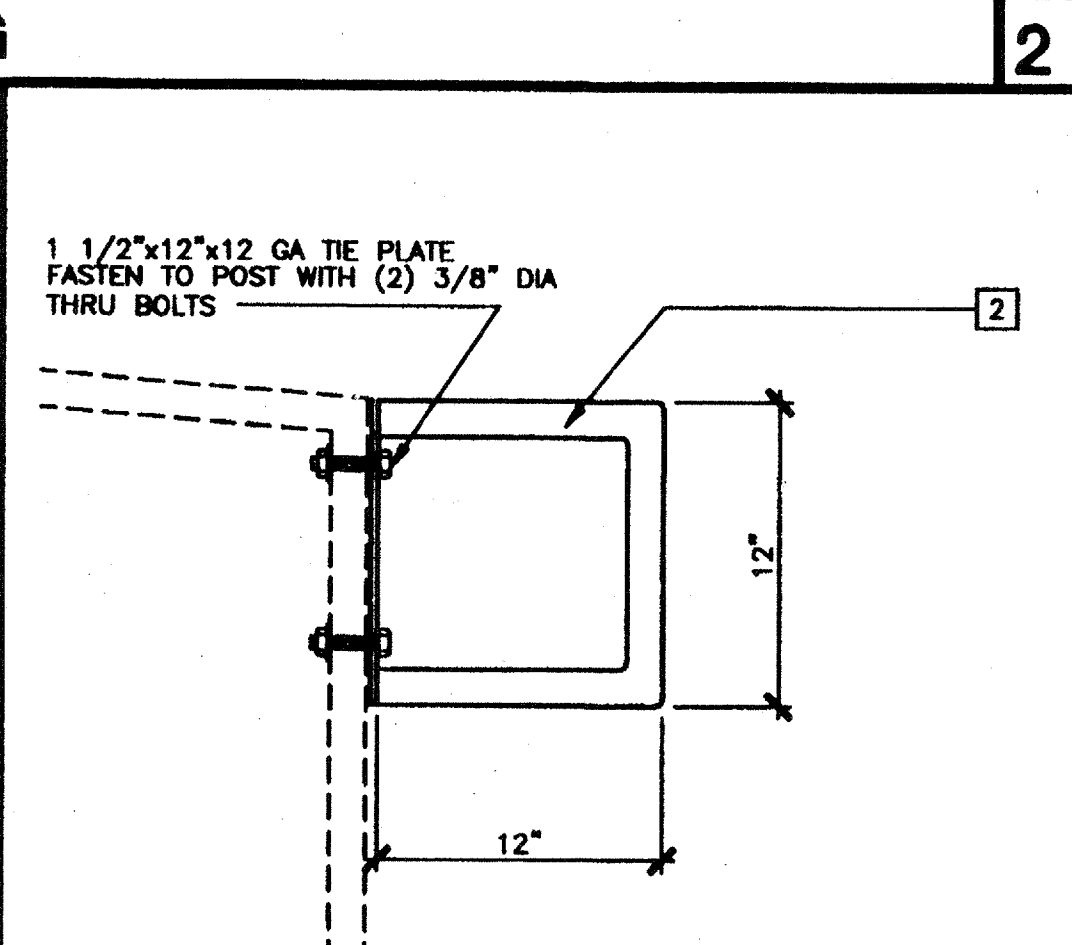
SECTION AT LANDING 14



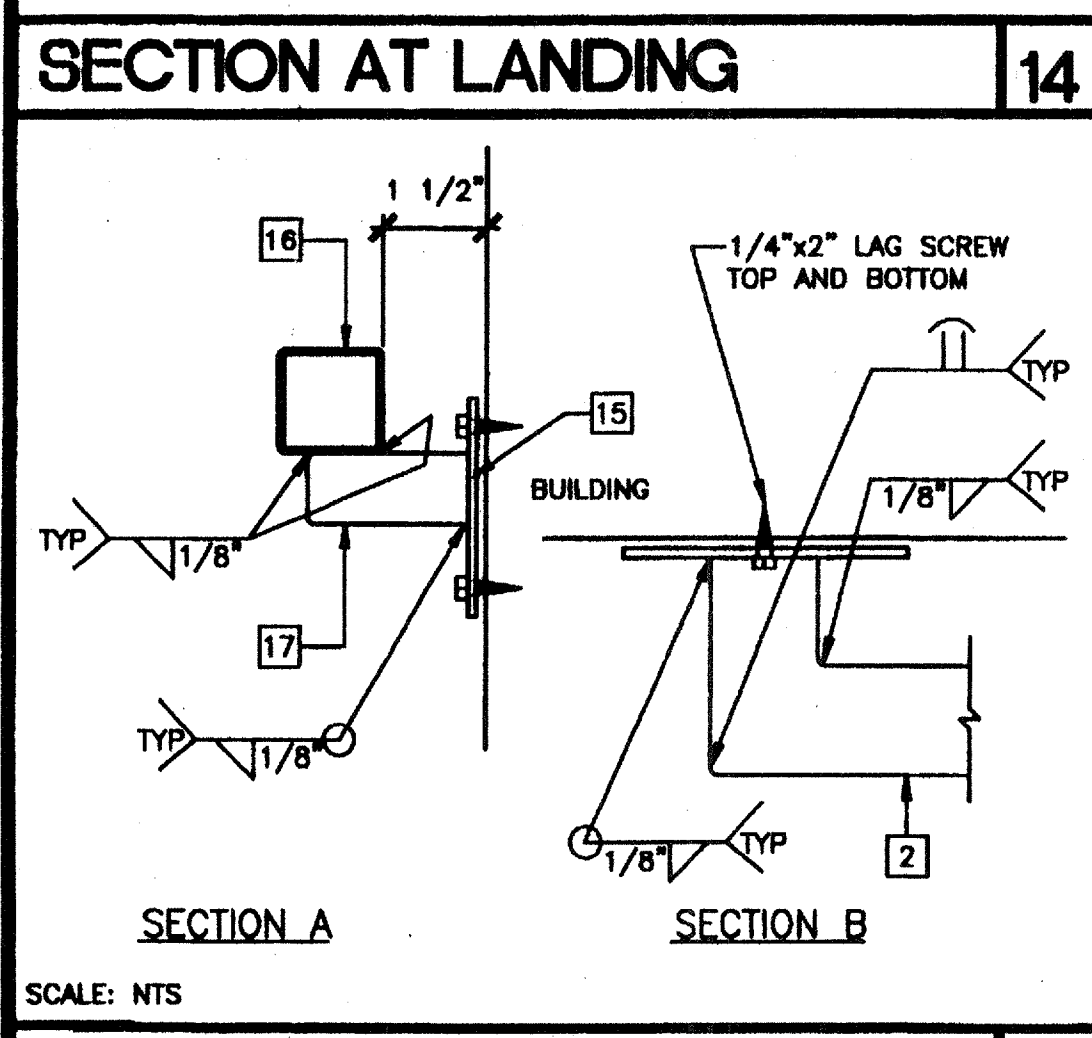
LONGITUDINAL SECTION AT RAMP 9



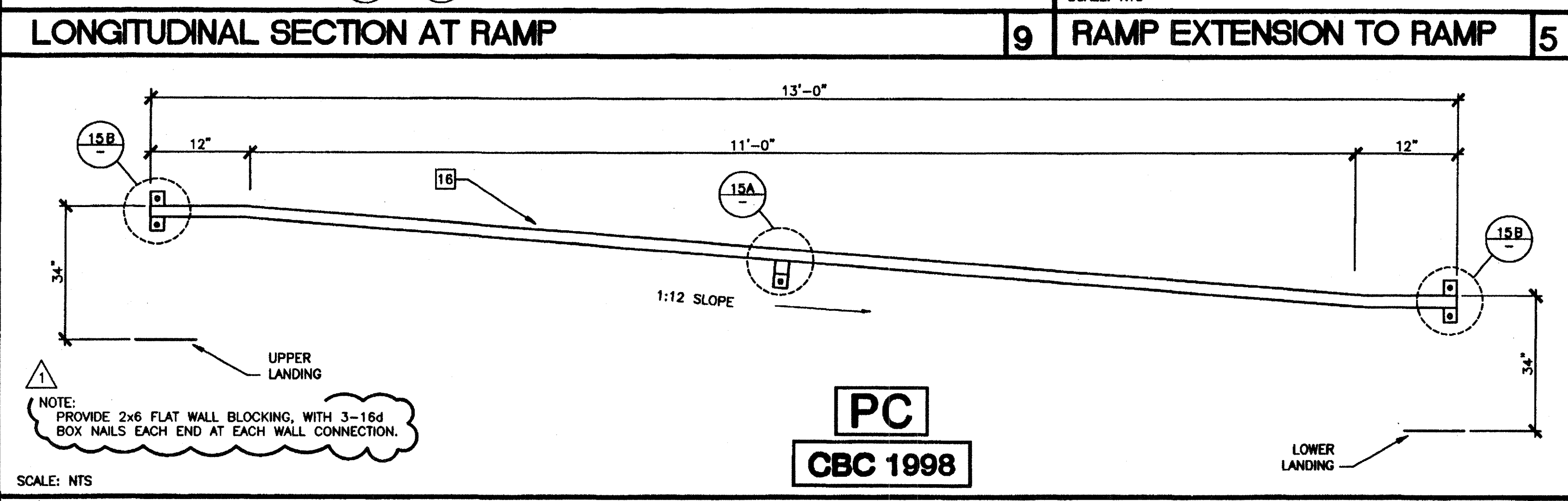
RAMP EXTENSION TO RAMP 5



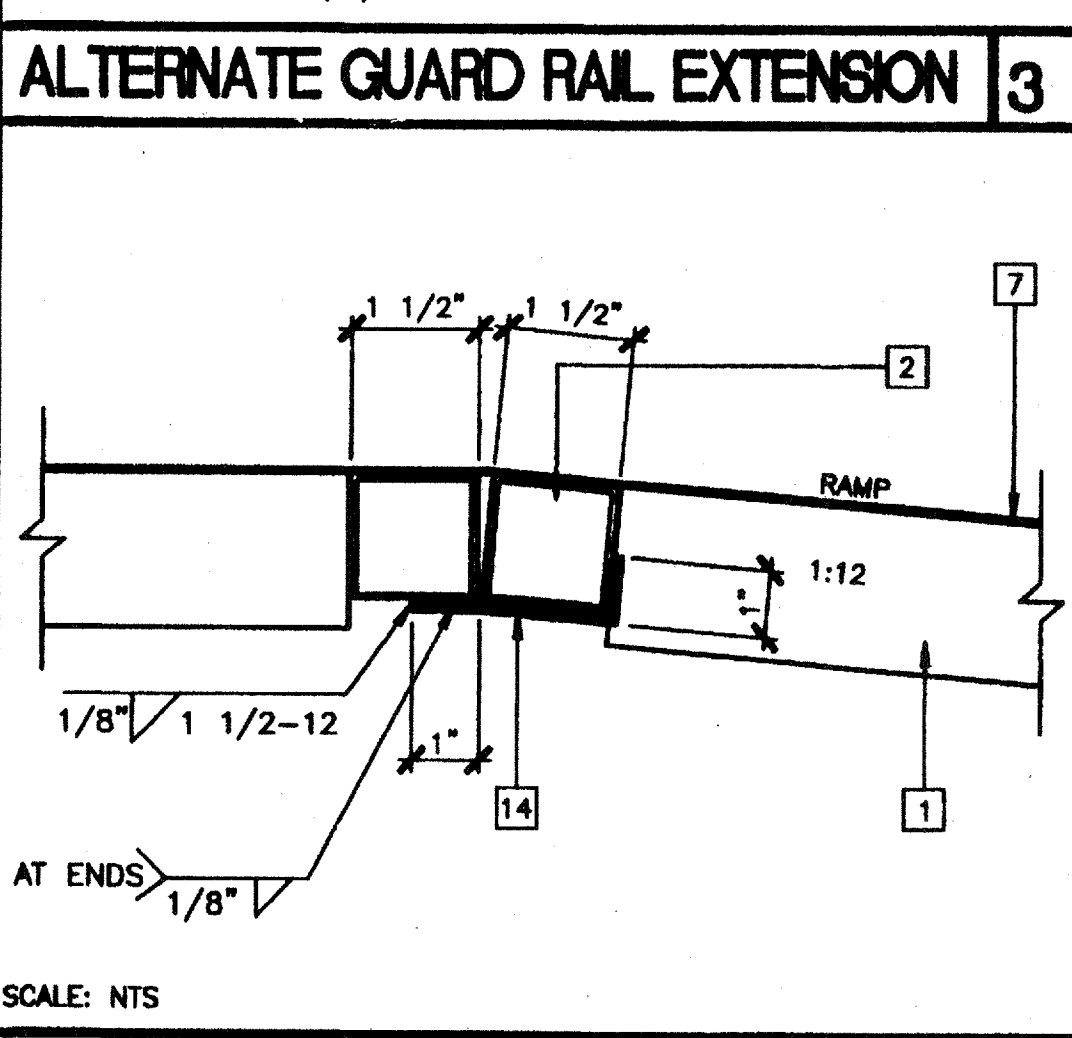
ALTERNATE GUARD RAIL EXTENSION 3



HANDRAIL CONNECTION 15



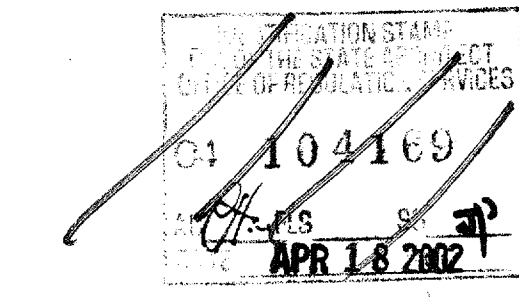
HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6



RAMP AT LANDING 4

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.



NOTES

1. RAMP: RAMP 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)

REVISIONS

NO.	DESCRIPTION	DATE
1	MODTECH ENGINEERING CHANGE	09/28/00
2		
3		
4		
5		

Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal
Architect's Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE: 07/07/2008
REVISED OCT 0

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

PROJECT NUMBER: 4134, 4153, 4173, 4203 © MODTECH, INC. 2001

4207, 4215, 4250
4284, 4302, 4350
4304, 4347, 4373, 4422
4506

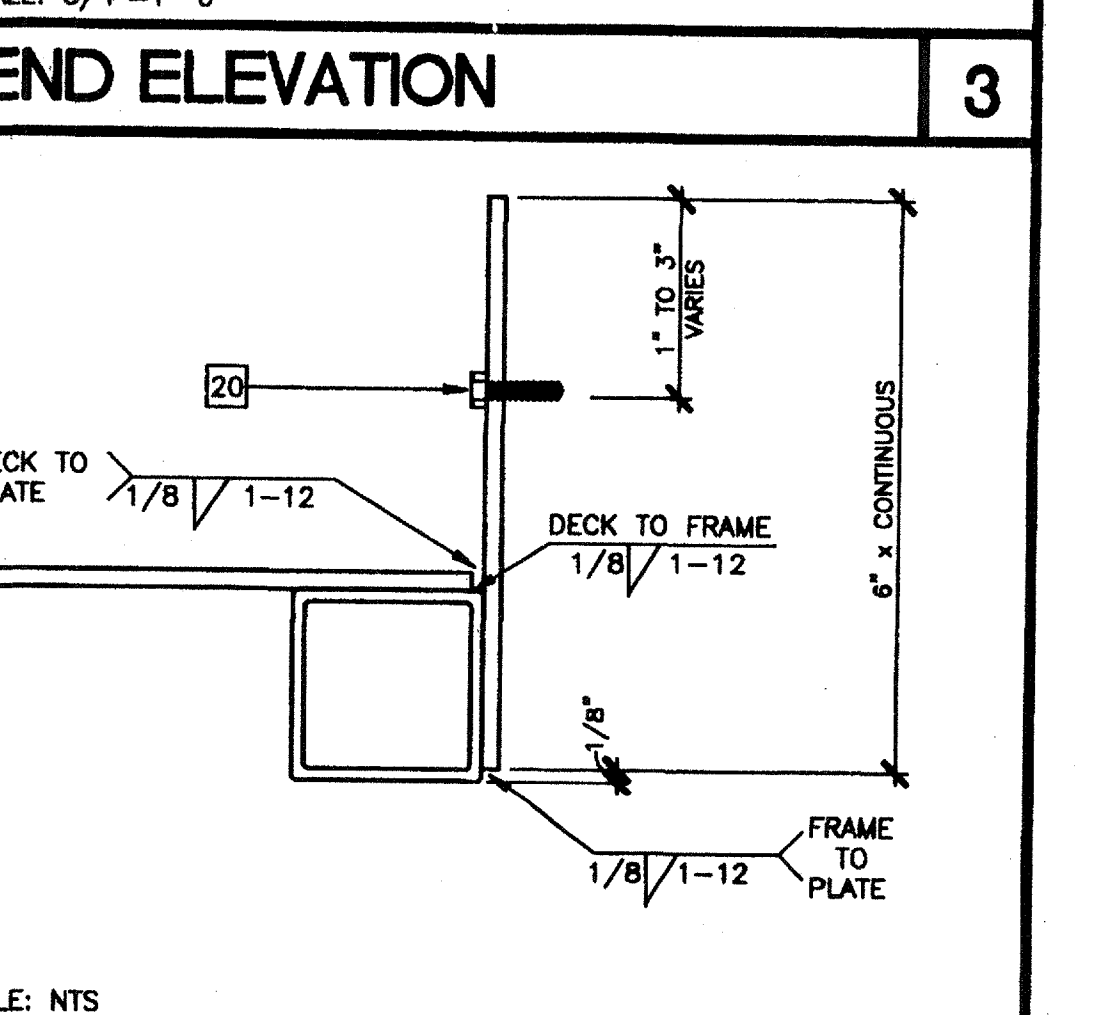
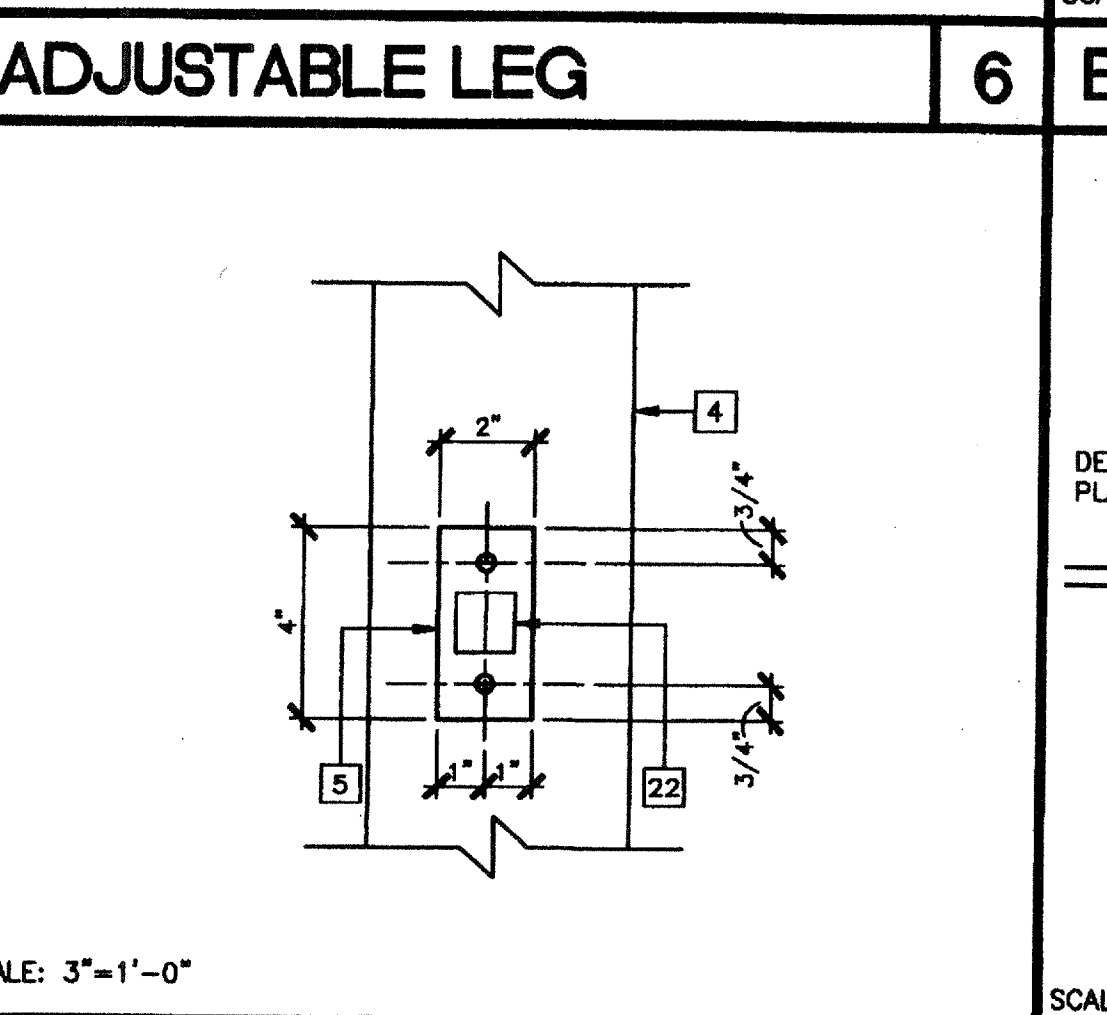
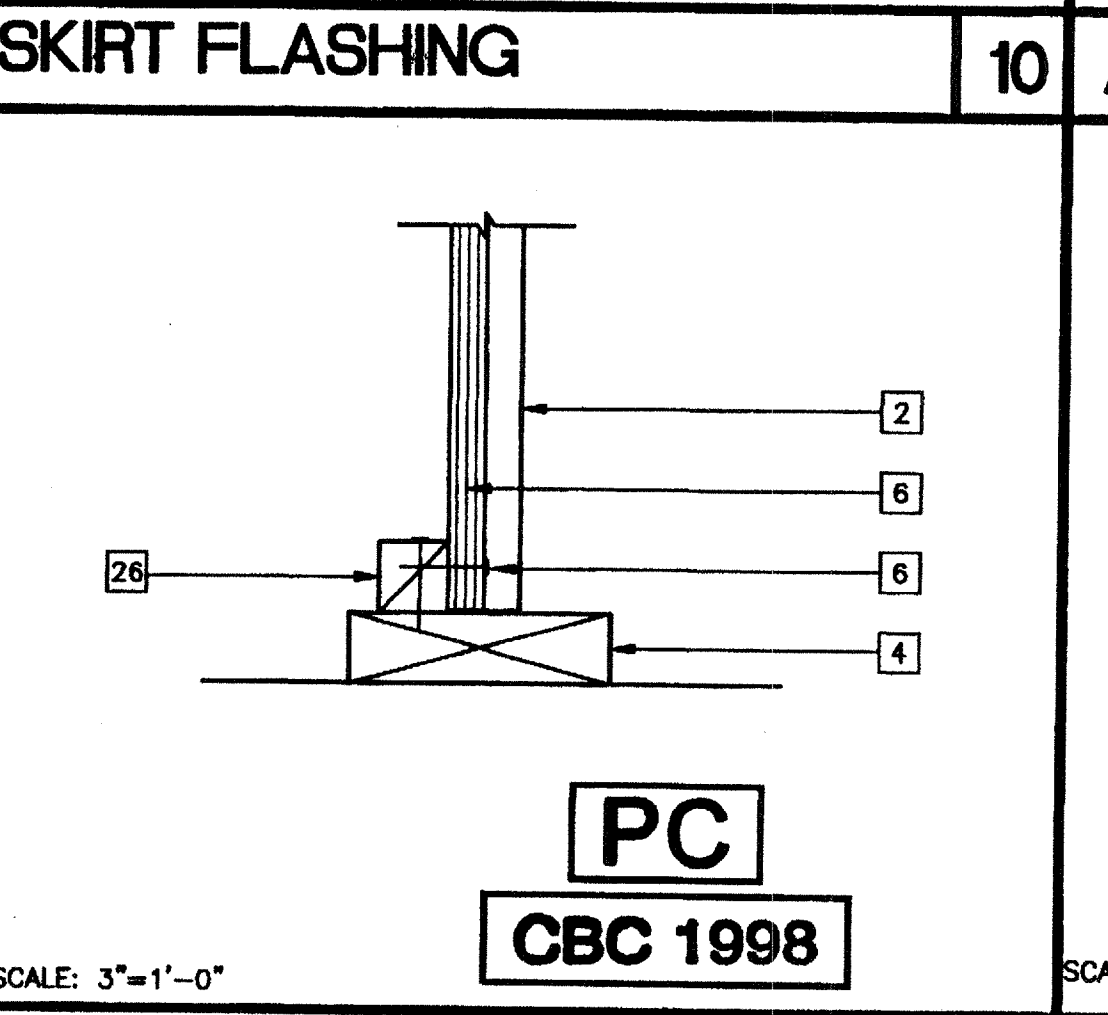
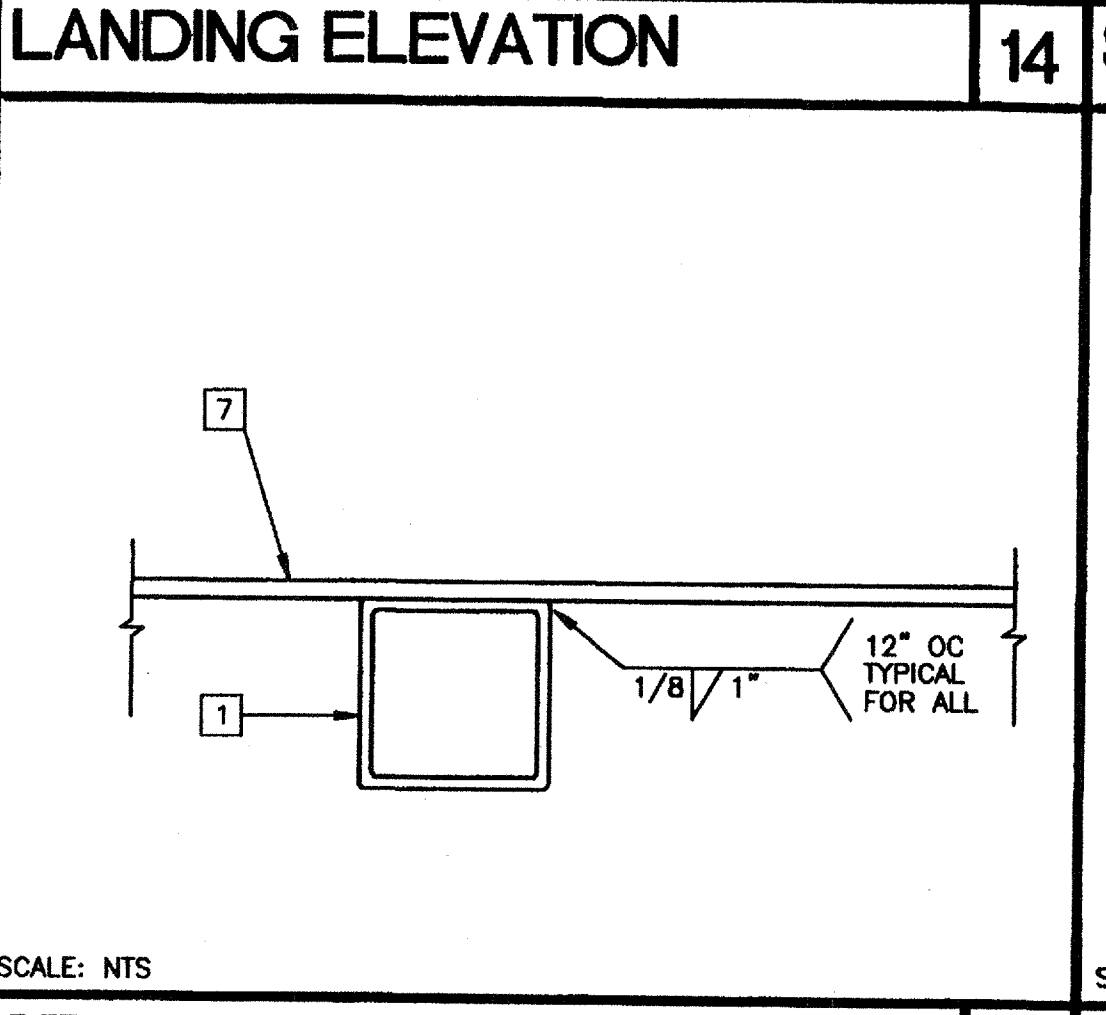
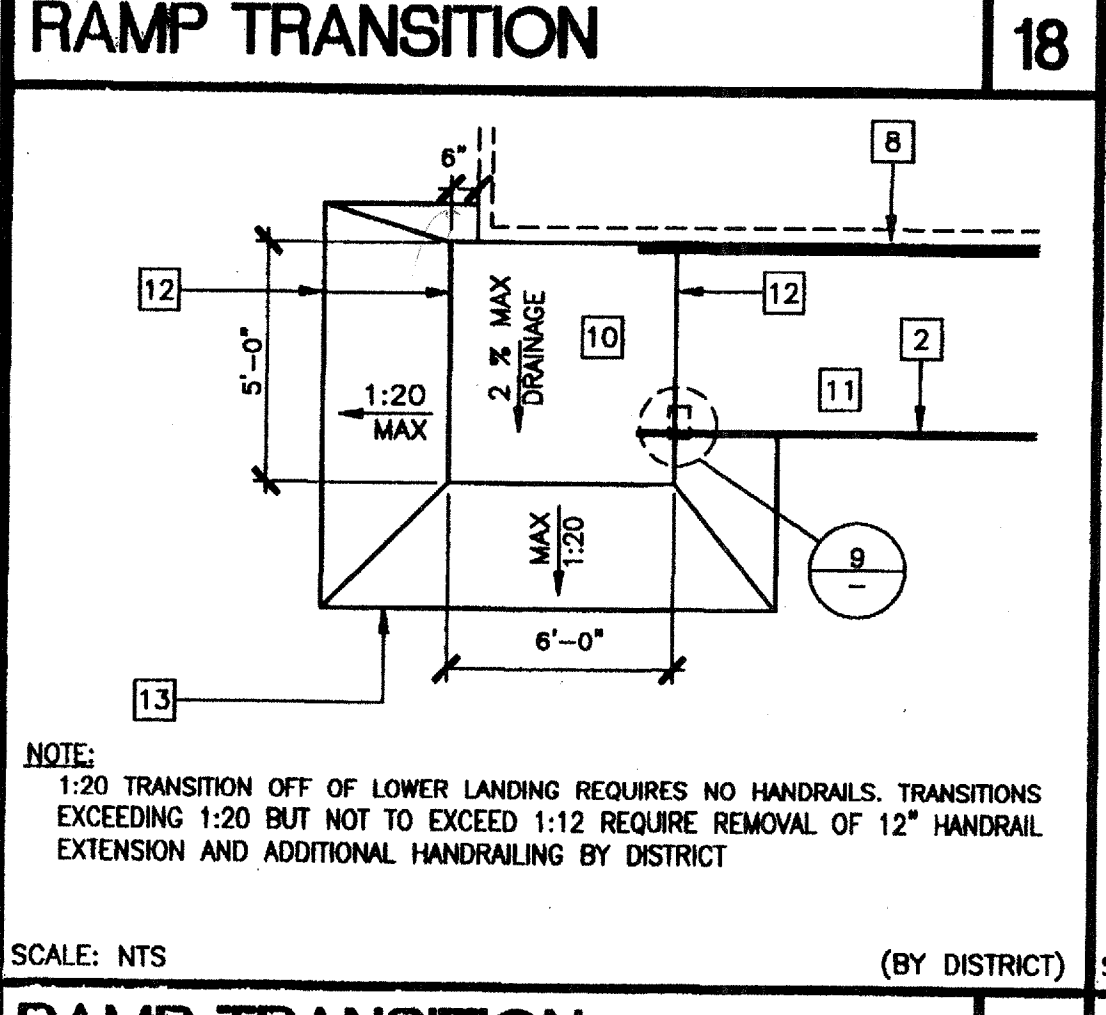
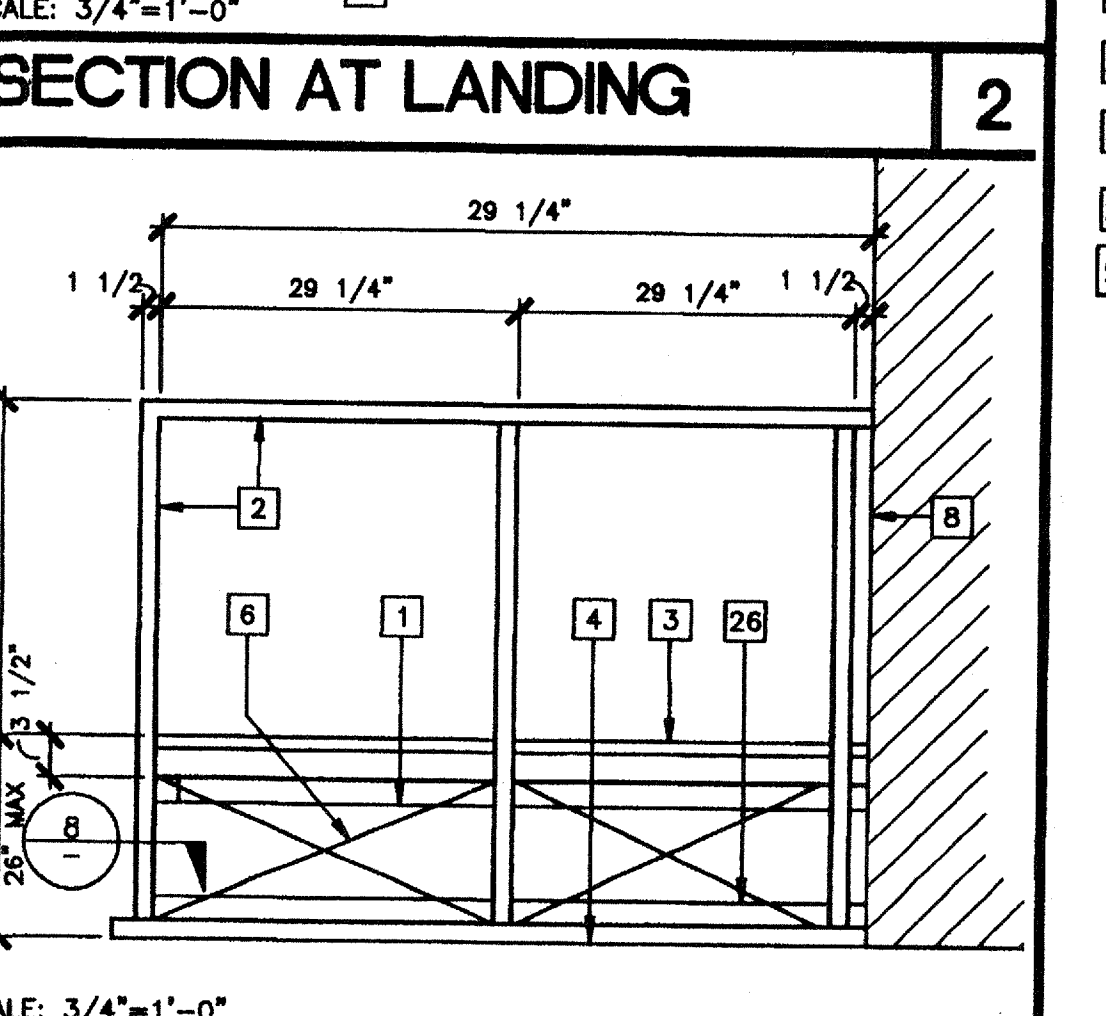
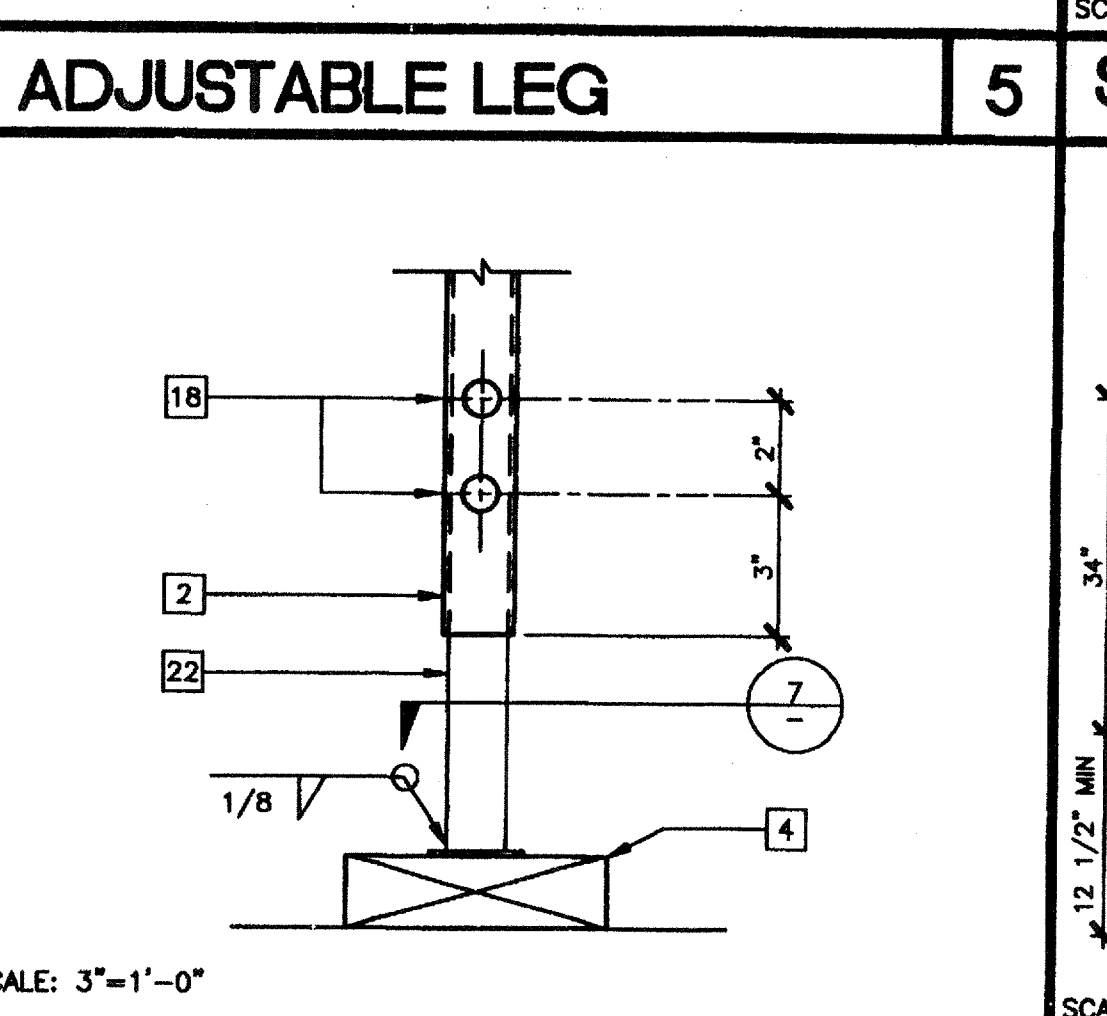
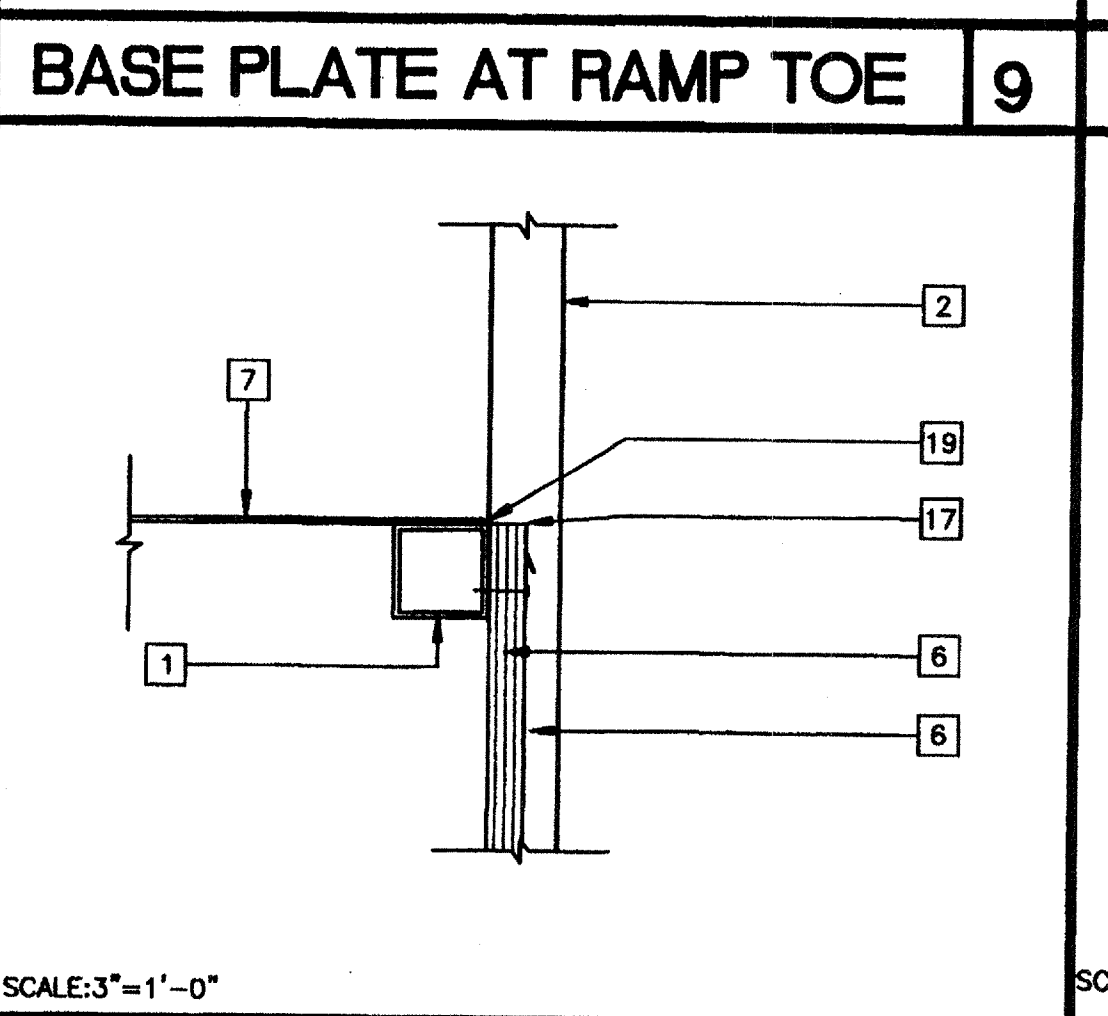
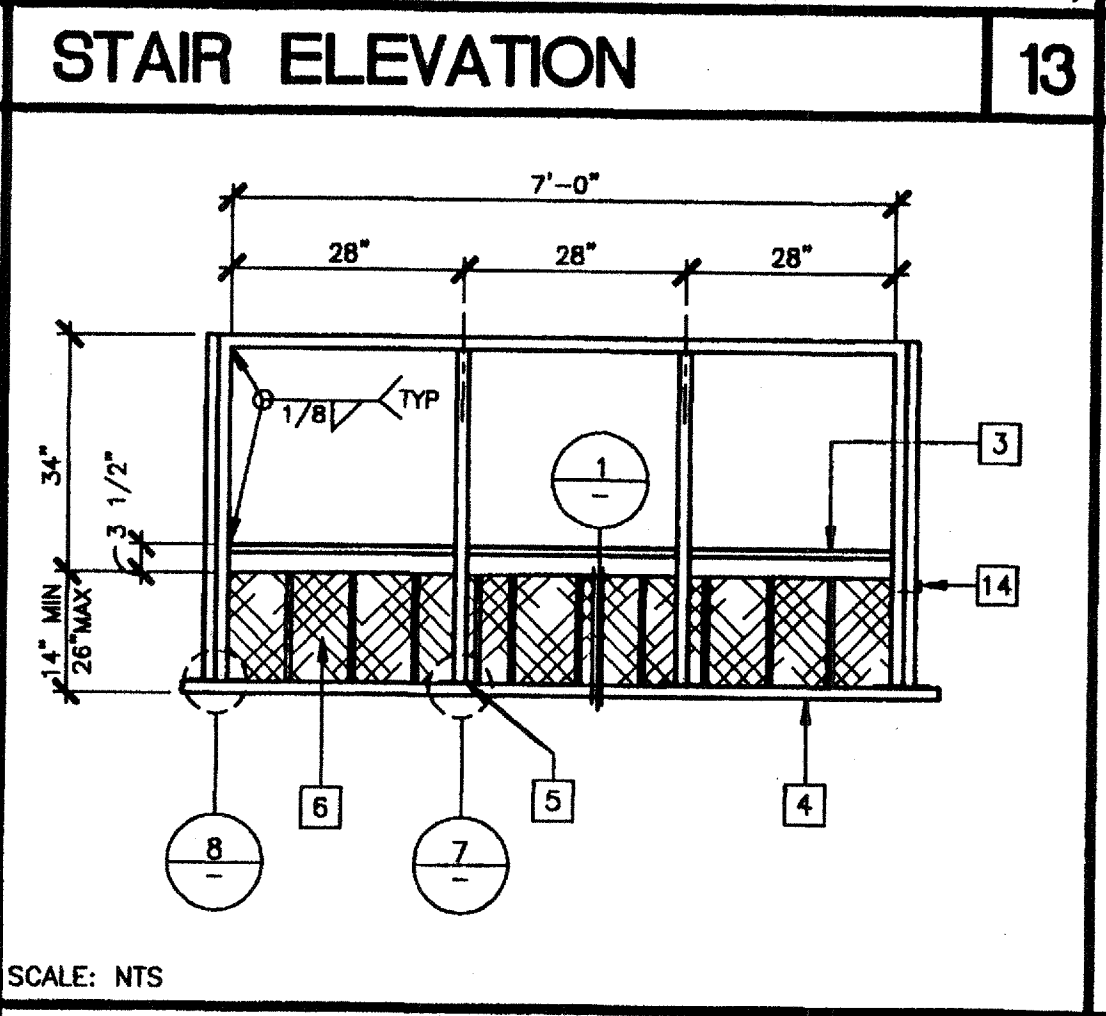
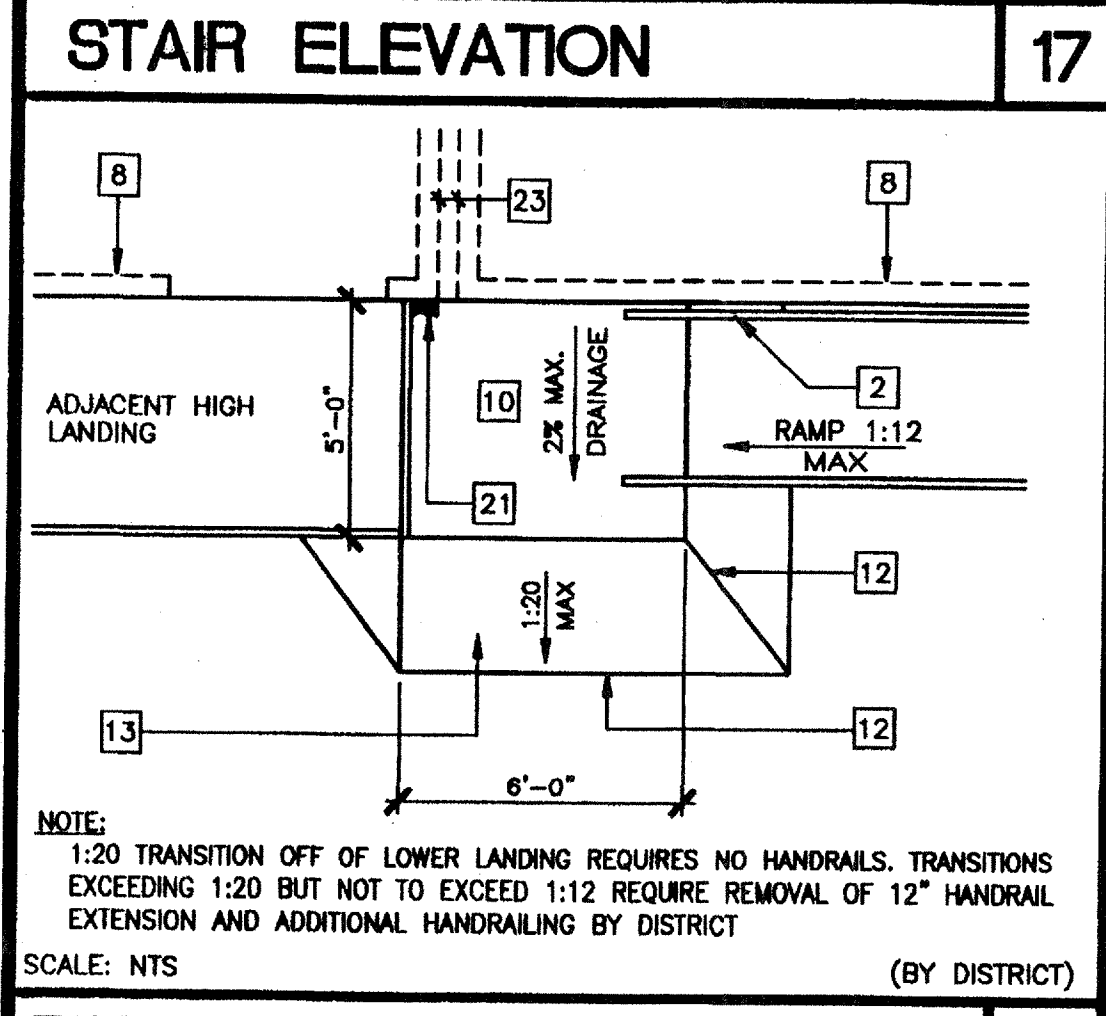
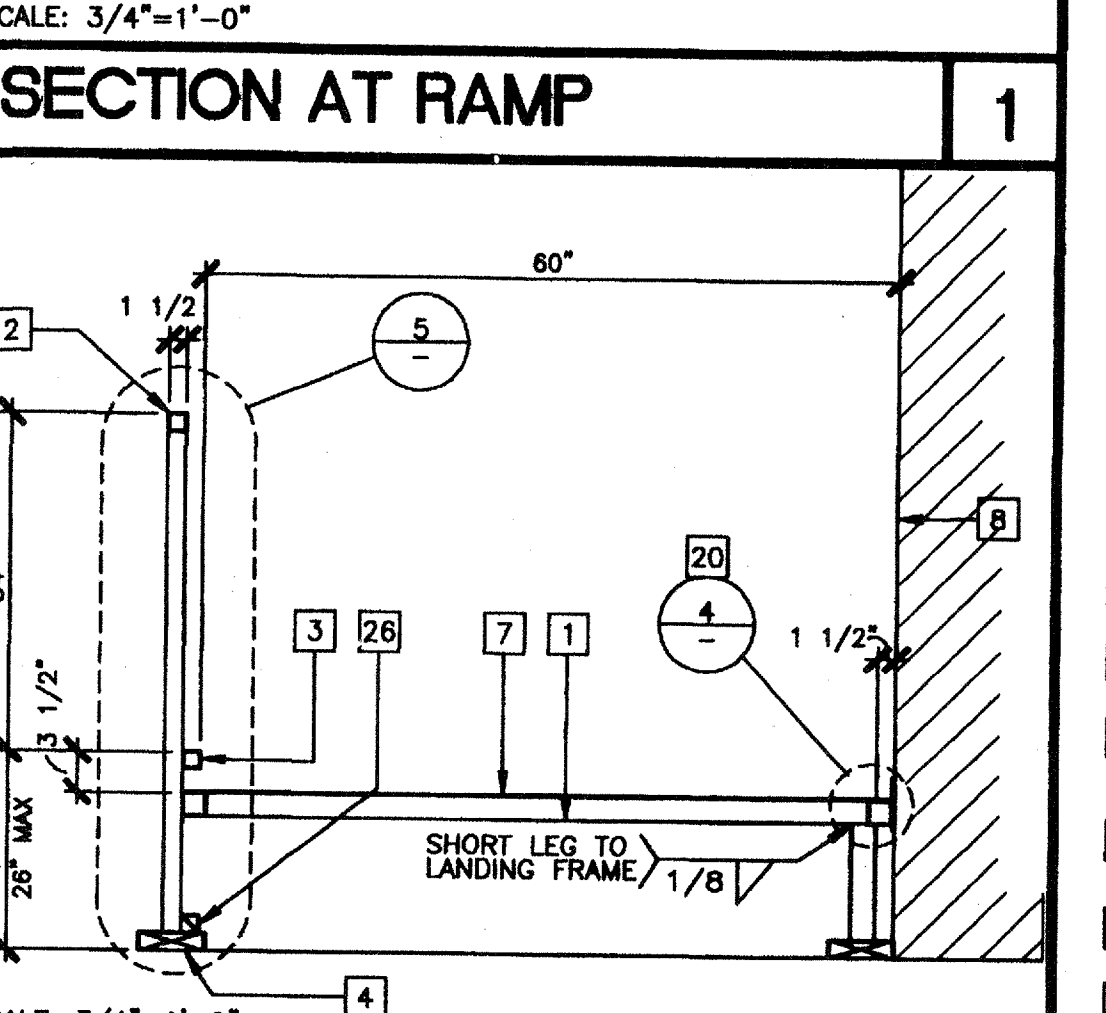
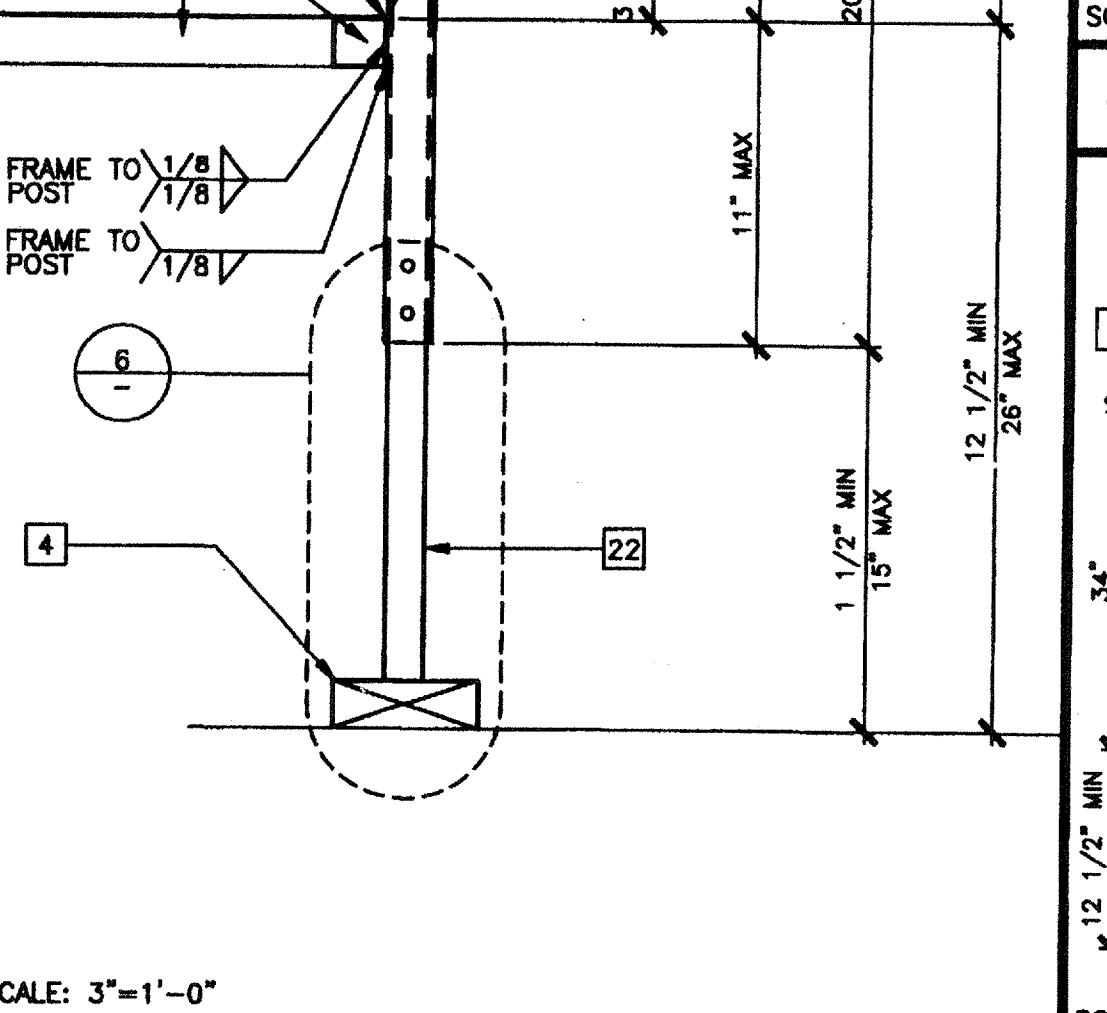
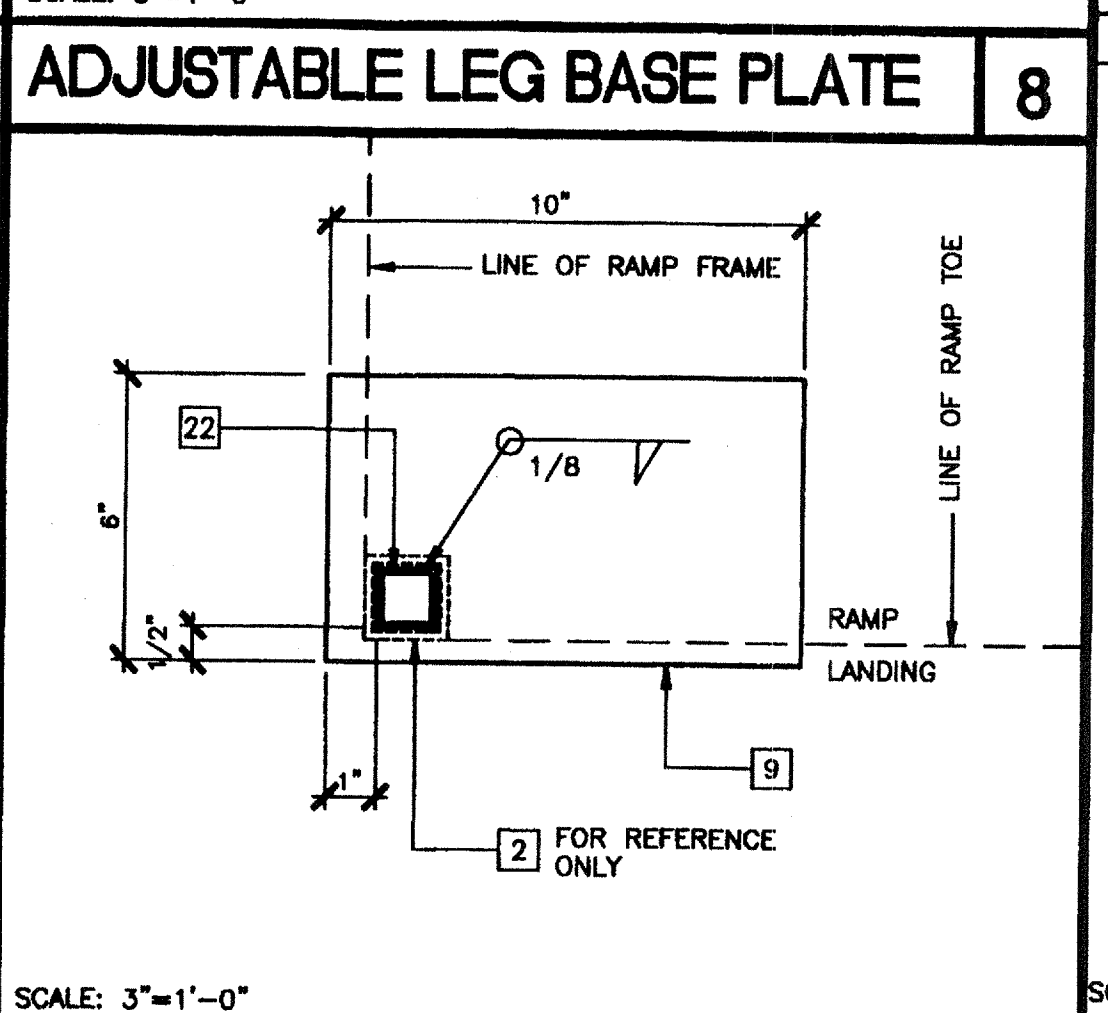
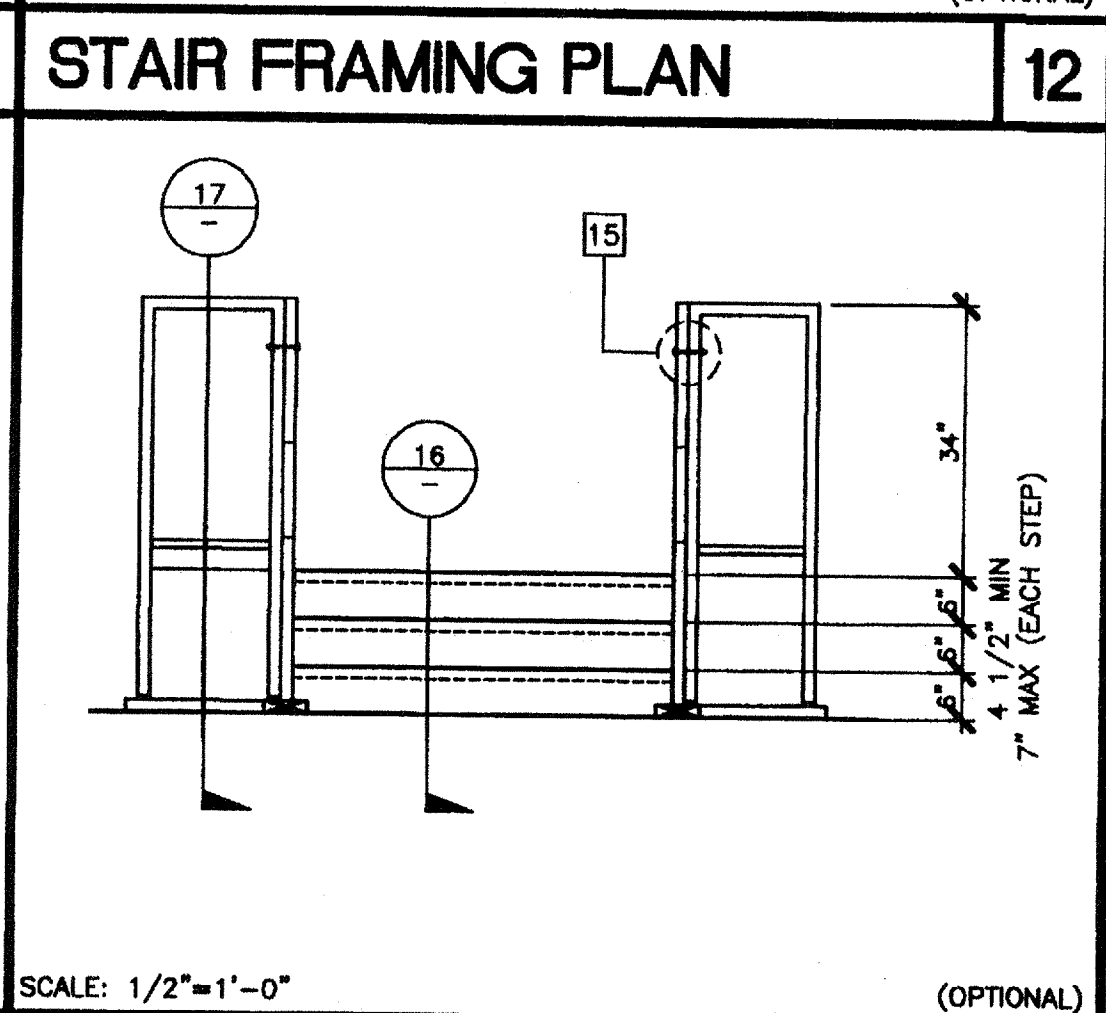
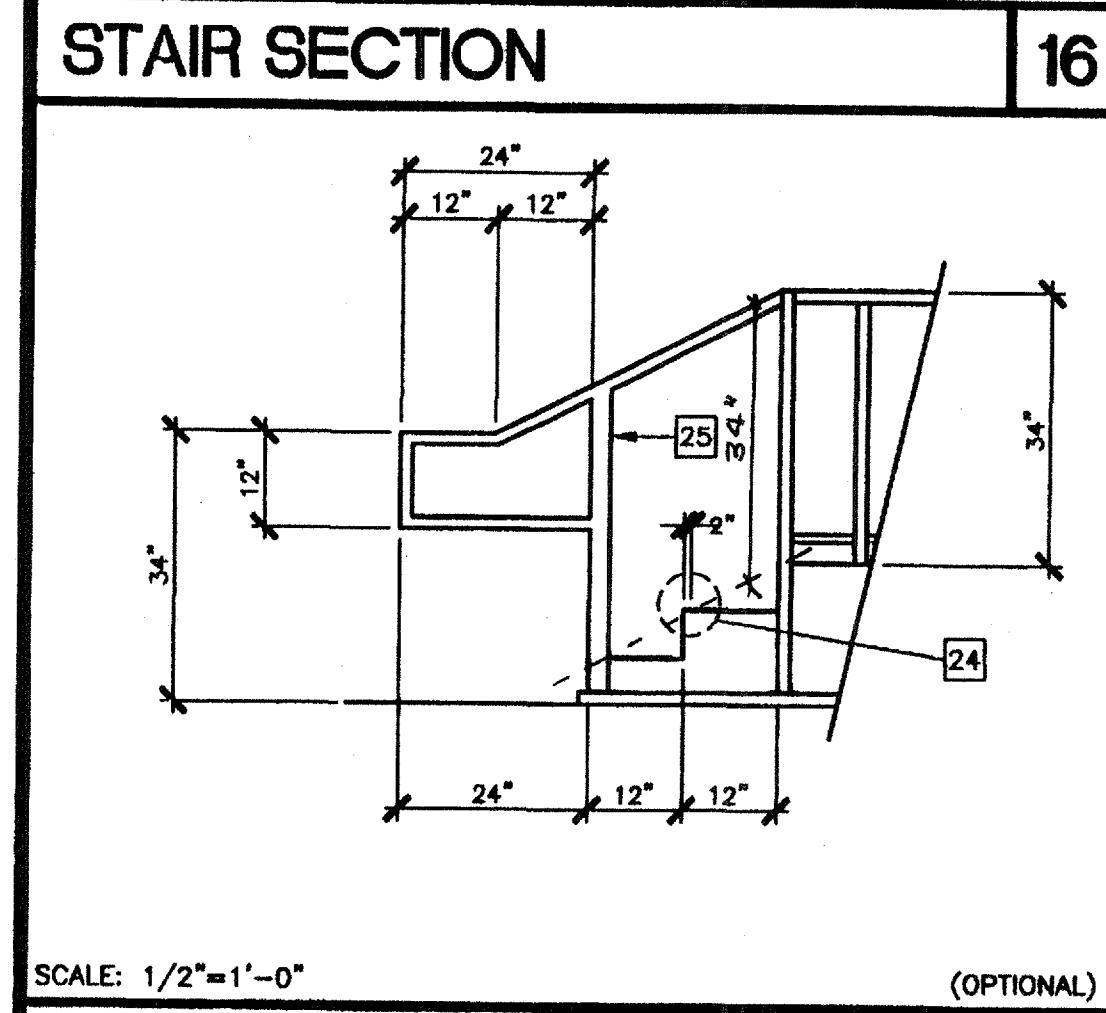
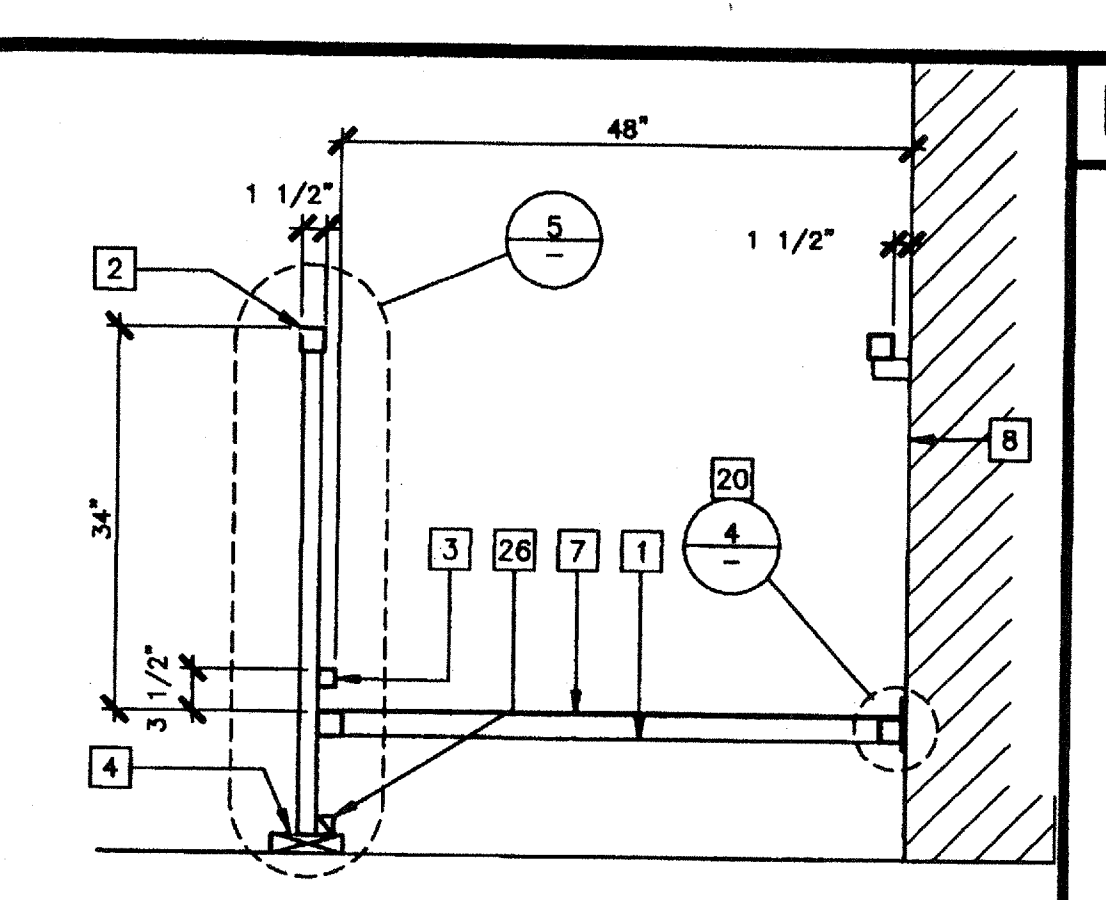
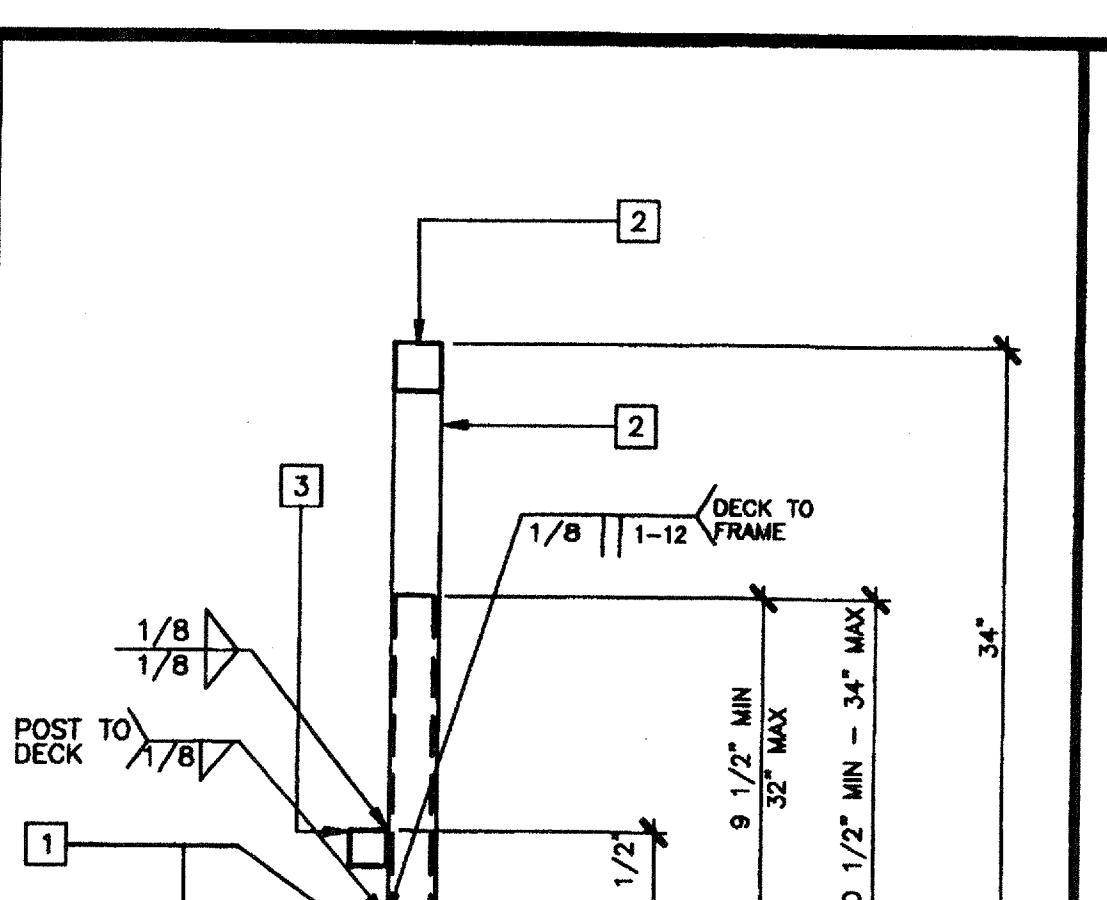
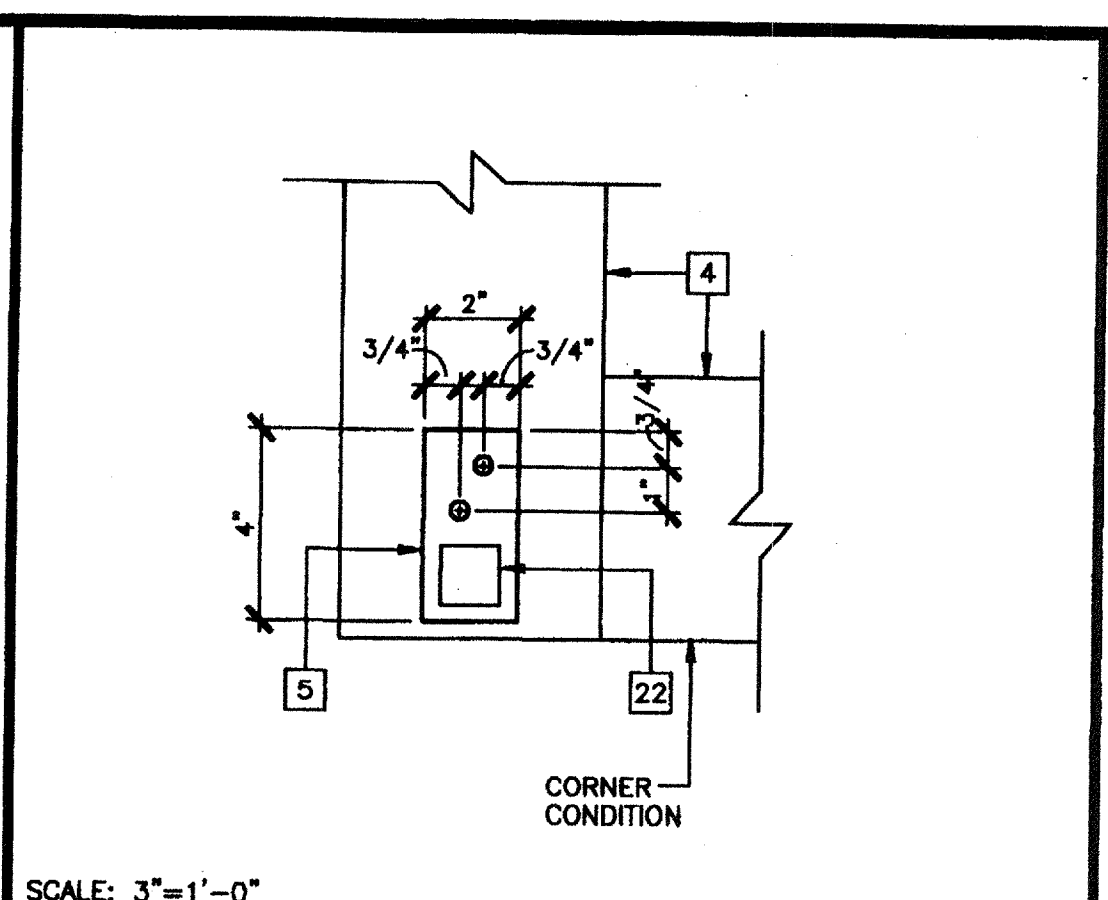
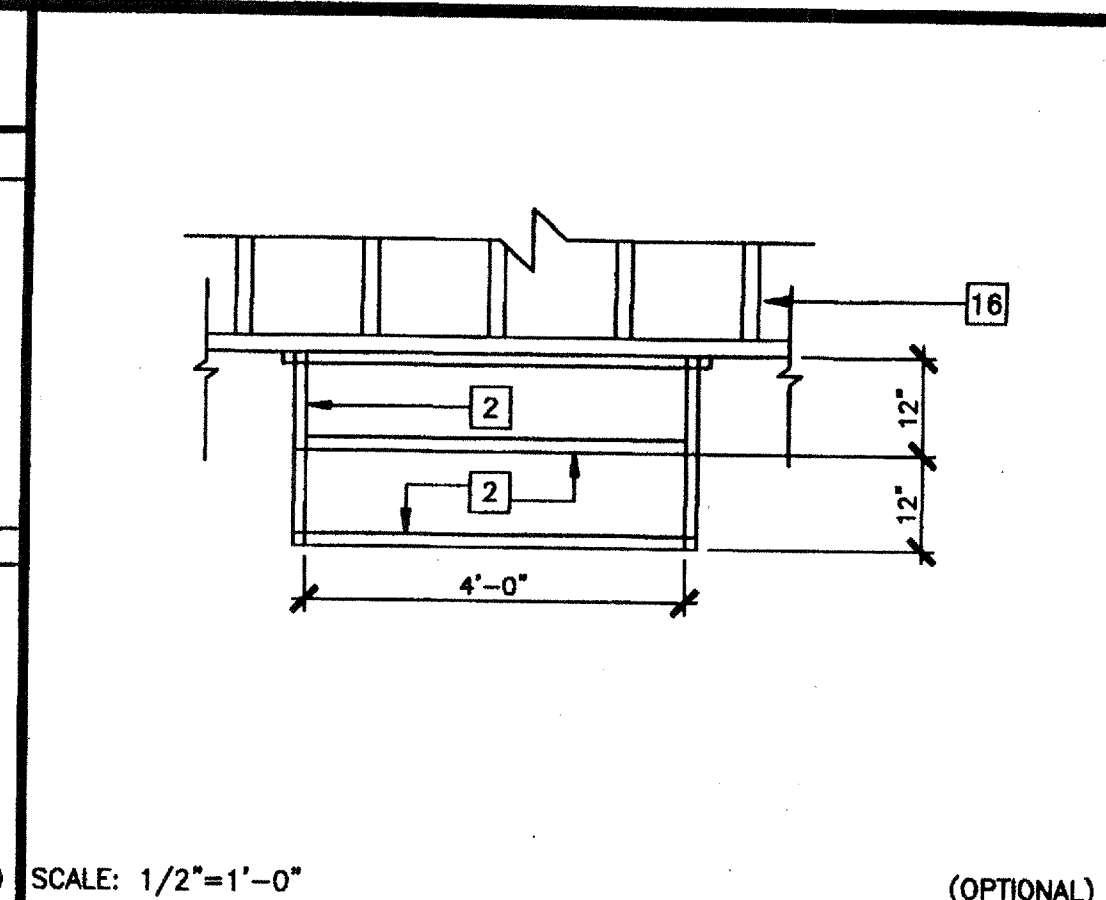
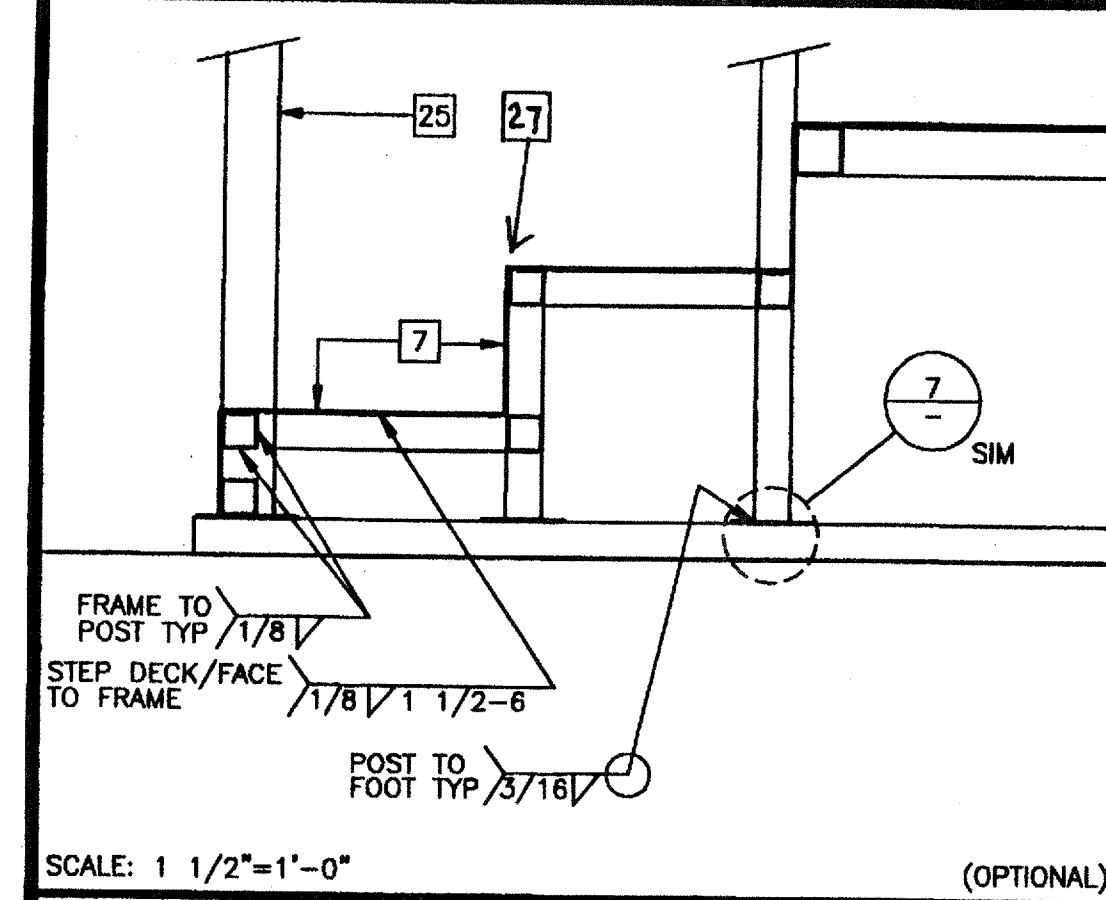
APR 15 2002
DRAWN BY: M. ANDERSEN
CHECKED BY: 4012-121
DATE: 04-16-02

MODTECH Index No. R1.01

STRP-62

PC-04-101268

PROJECT NO. 4134 4207 FILE PATH: 2440-4134.DWG



REVISIONS

1		
2		
3		
4		
5		

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

Architectural Seal
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE: SEP 07 2000

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

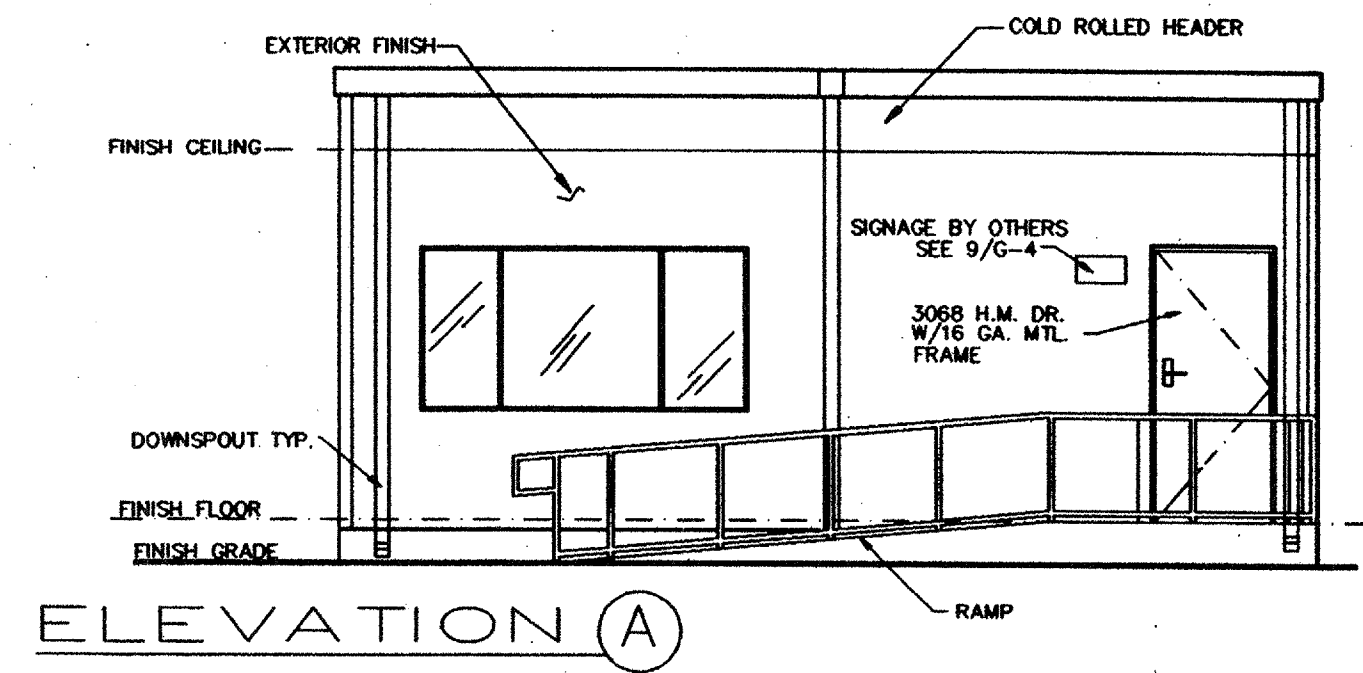
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4284, 4302, 4350
4304, 4347, 4373, 4422
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STKP-62
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
R1.02

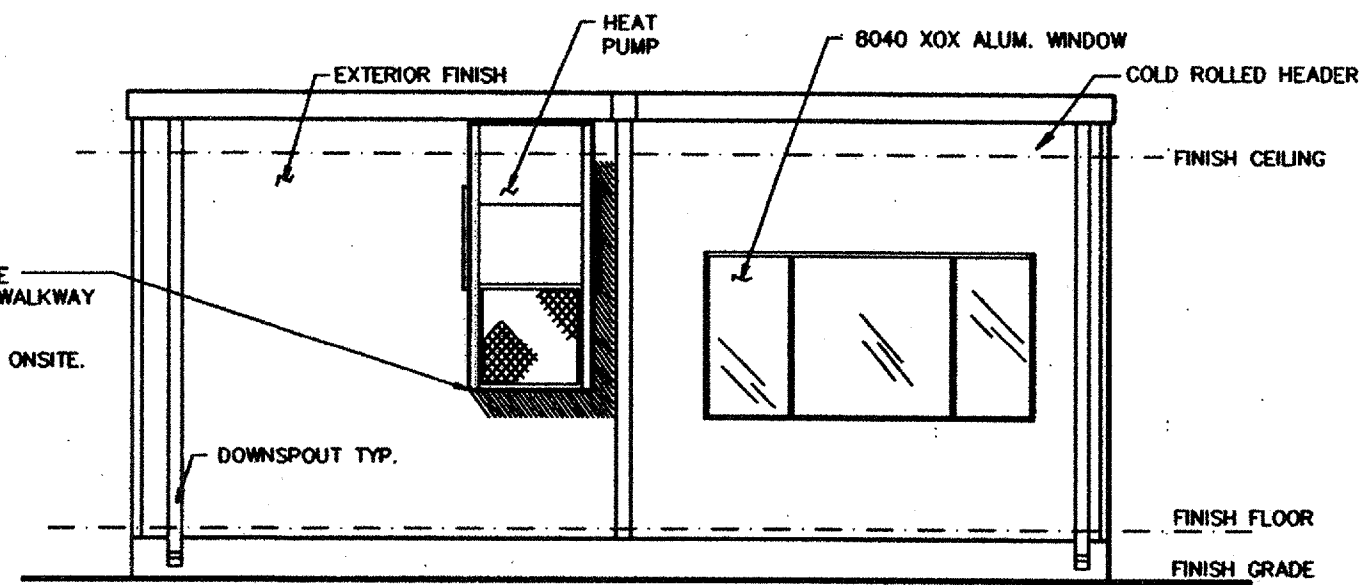
- KEY NOTES**
- TS 2"x2"x14 GA
 - TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI) ROUNDED OR BEVELED AT CORNERS
 - TS 1"x1"x16 GA WHEELCHAIR GUIDE
 - 2"x6" PRESSURE TREATED SILL PLATE
 - 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
 - SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS. USE #14x2" TEK SCREWS AT 6" OC
 - 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YR.
 - EXISTING BUILDING.
 - 6"x10"x12 GA BASE PLATE AT RAMP TOE.
 - LOWER LANDING BY DISTRICT
 - RAMP BY MODTECH
 - FLUSH TRANSITION
 - PAVE BY DISTRICT
 - 3"x1"x3"-0"x10 GA BENT PLATE
 - FASTEN POSTS WITH 3/8" DIA THRU BOLT, TYPICAL
 - RAMP LANDING, TYPICAL
 - 26 GA FLASHING
 - 3/8" DIAx2" LONG MB WITH NUT & WASHERS
 - CAULKING
 - 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
 - PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
 - TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
 - 4" MINIMUM BUILDING SEPARATION
 - 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
 - TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
 - 2"x2" NAILER WITH 16d AT 12" OC
 - PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.

APR 18 2002

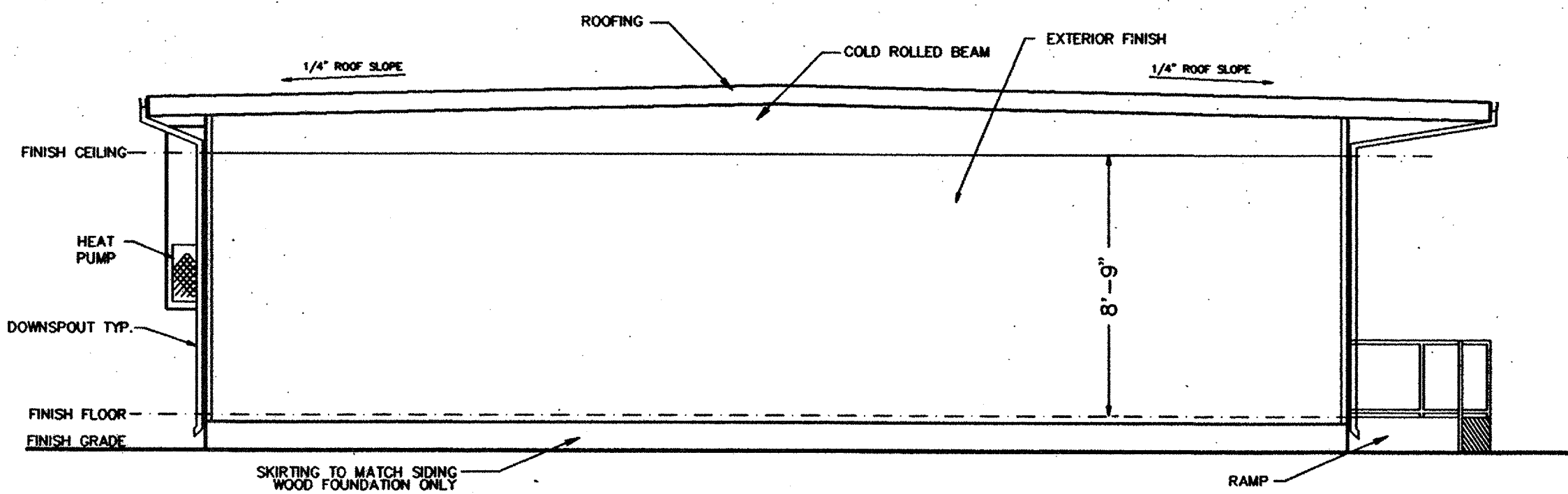
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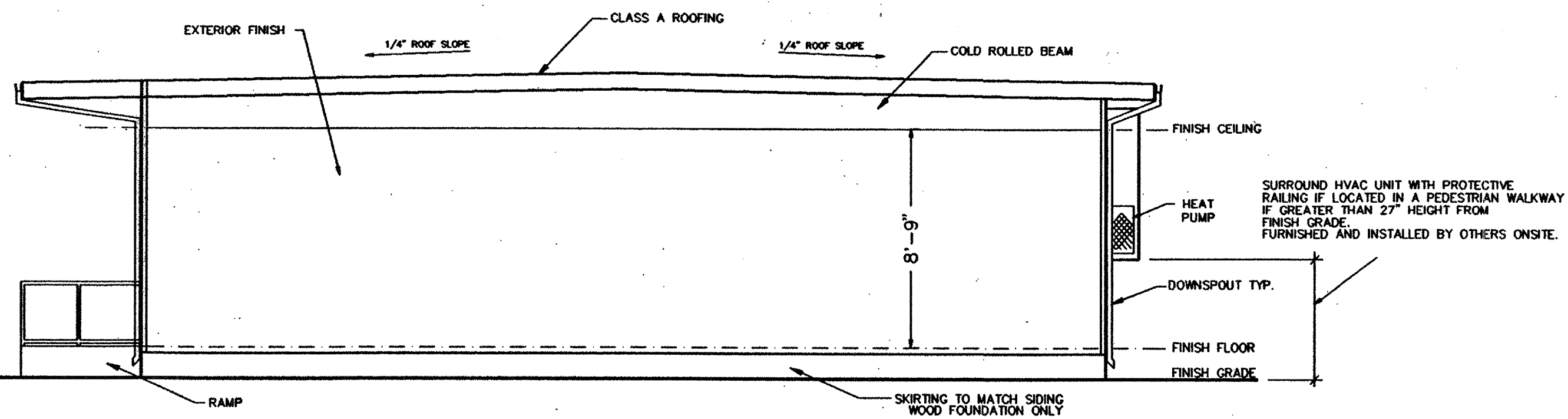
ELEVATION (A)



ELEVATION (B)



ELEVATION (C)

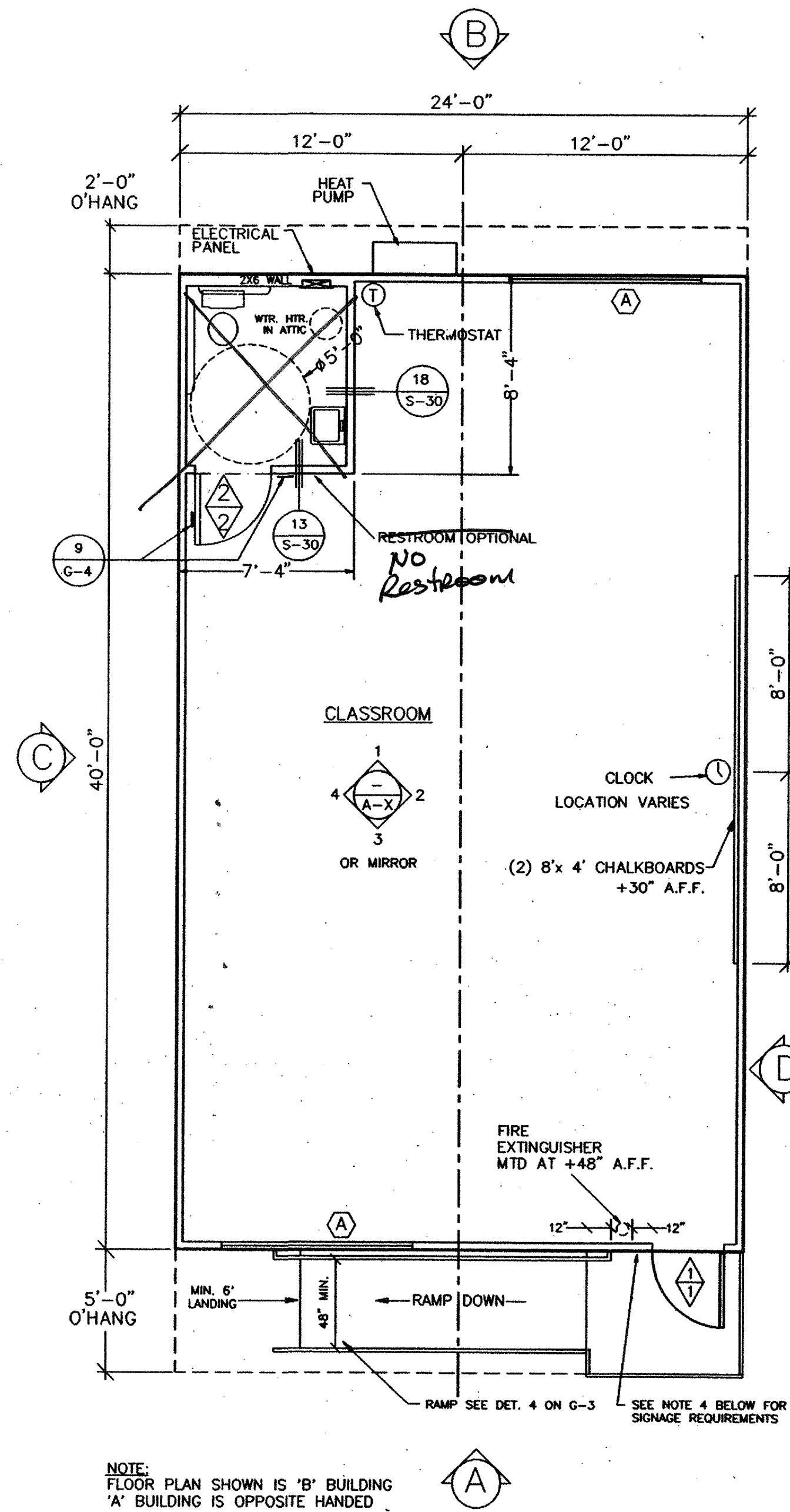


ELEVATION (D)

NOTE: PROVIDE FIRE BLOCKING PER C.B.C. 708

FLOOR PLAN

- INDICATES DOOR TYPE SEE SHEET G-1
- INDICATES HARDWARE TYPE
- INDICATES WINDOW TYPE- SEE SHEET G-1



NOTE: FLOOR PLAN SHOWN IS 'B' BUILDING 'A' BUILDING IS OPPOSITE HANDED

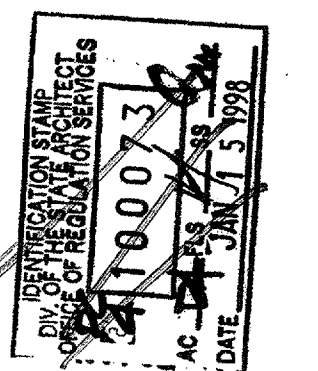
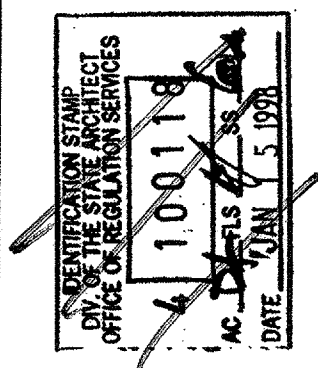
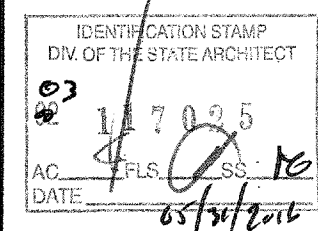
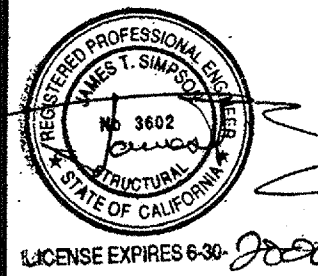
NOTES:

- MANUFACTURER SHALL MECHANICALLY ATTACH METAL TAG TO EXTERIOR OF BUILDING SHOWING OSA APPLICATION NUMBER, MANUFACTURERS NAME, UNIT SERIAL NUMBER, DESIGN LIVE LOADS FOR FLOOR AND ROOF, AND THE DESIGN WIND LOAD.
- WALL AND CEILING FINISHES SHALL BE MIN. CLASS I MATERIAL
- FIBERGLAS INSULATION SHALL HAVE THE FOLLOWING: FLAME SPREAD 0-25 SMOKE DEVELOPED, FUEL CONTRIBUTED 0-450
- SIGNAGE REQUIRED PER APPLICABLE CODES LISTED ON SHEET T-1 PROVIDED AND INSTALLED BY OTHERS ONSITE. SIM. TO DET. 9 ON G-4.
- ANY ROOM HAVING AN OCCUPANT LOAD OF 50 OR MORE WHERE FIXED SEATS ARE NOT INSTALLED, AND WHICH IS USED FOR CLASSROOM, ASSEMBLY, DINING OR SIMILAR PURPOSE SHALL HAVE THE CAPACITY OF THE ROOM POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT OF THE ROOM. POSTING SHALL BE BY MEANS OF A DURABLE SIGN HAVING CONTRASTING COLOR FROM THE BACKGROUND TO WHICH IT IS ATTACHED. (OCCUPANT LOAD 48)
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8-1/2 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 POUNDS.

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PC-100073



ARCHITECT APPROVAL

STRUCTURAL ENGINEERS STAMP

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

PROJECT
24'X40' MODULAR CLASSROOM BUILDING

TITLE
FLOOR PLAN & EXTERIOR ELEVATIONS

JOB #

DATE 1-9-98

DRAWN BY R.D.L.

SCALE

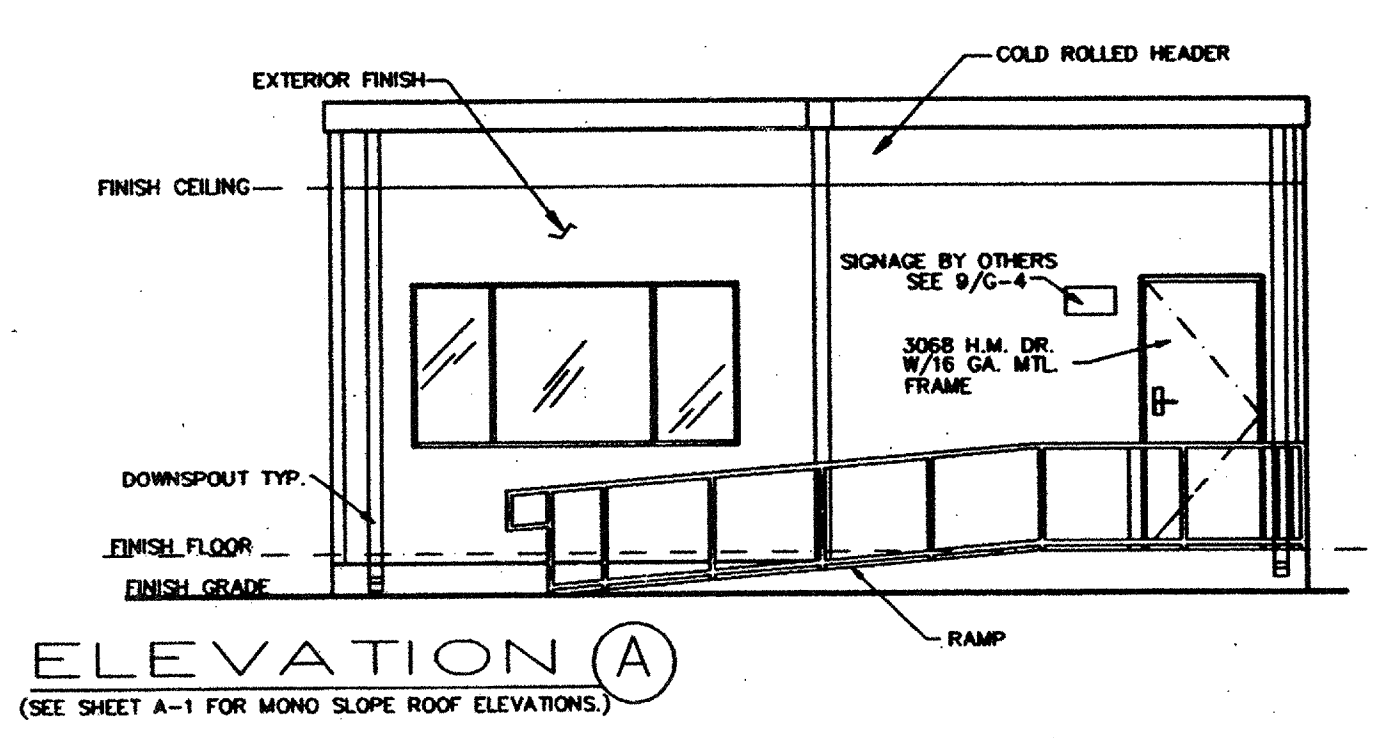
APPROVED

REVISIONS

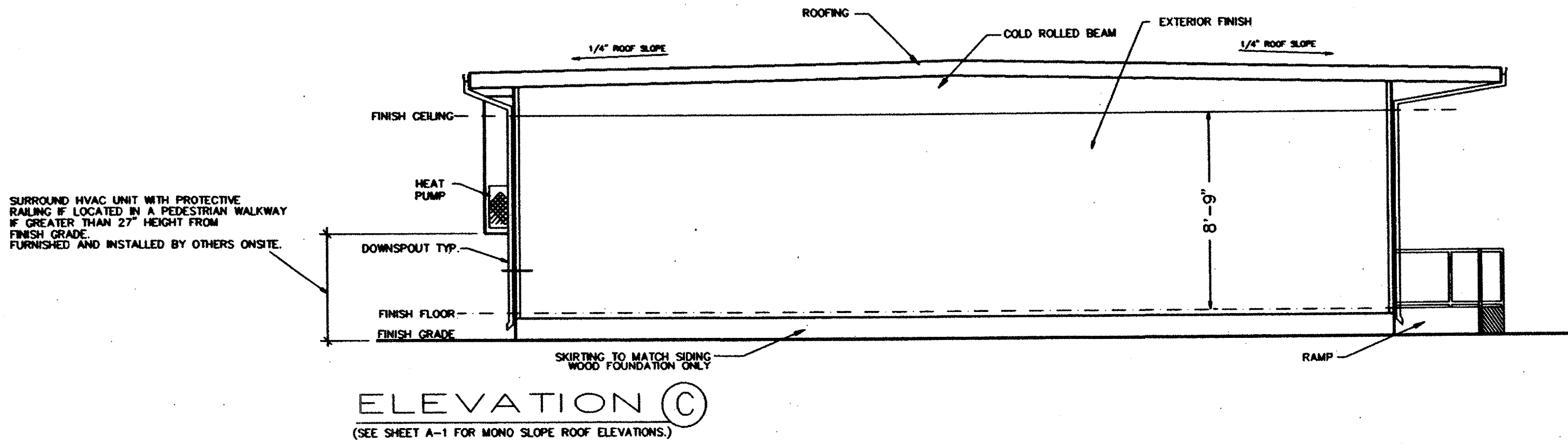
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A-1-24

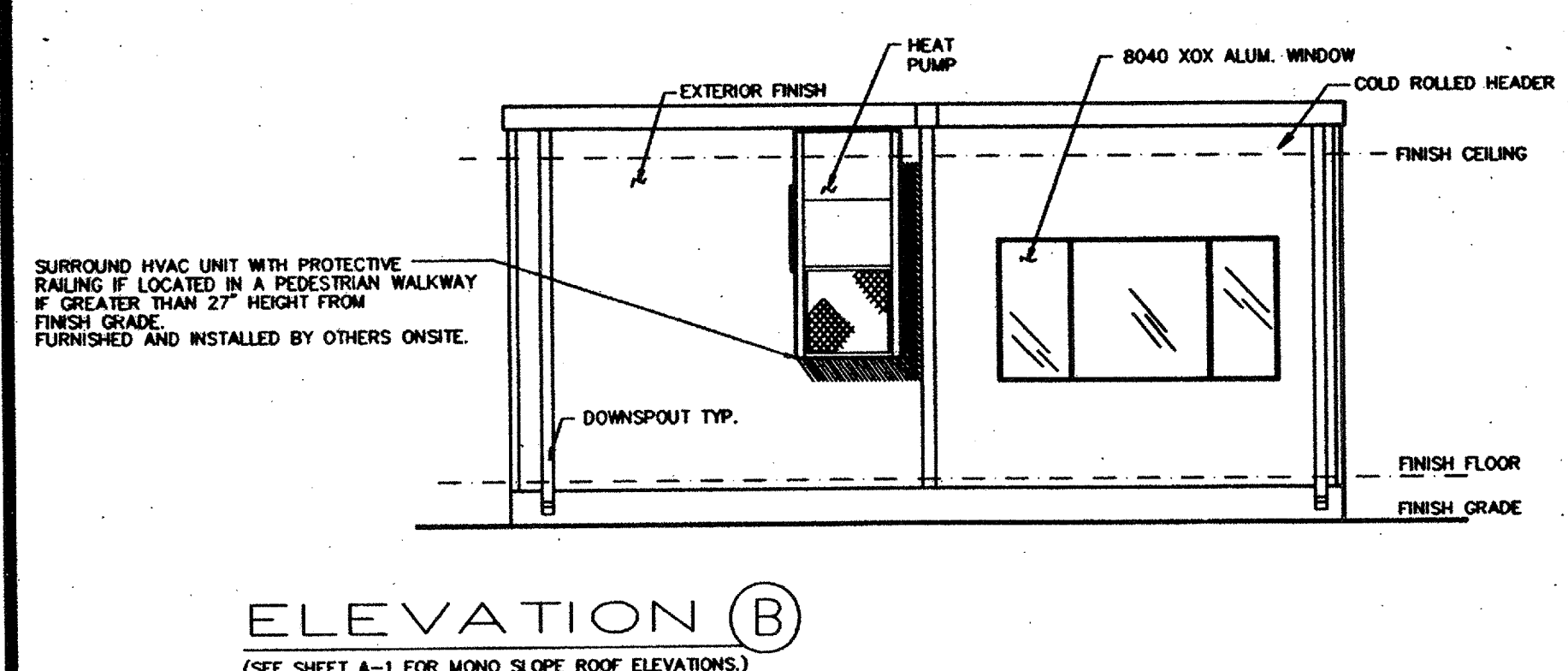
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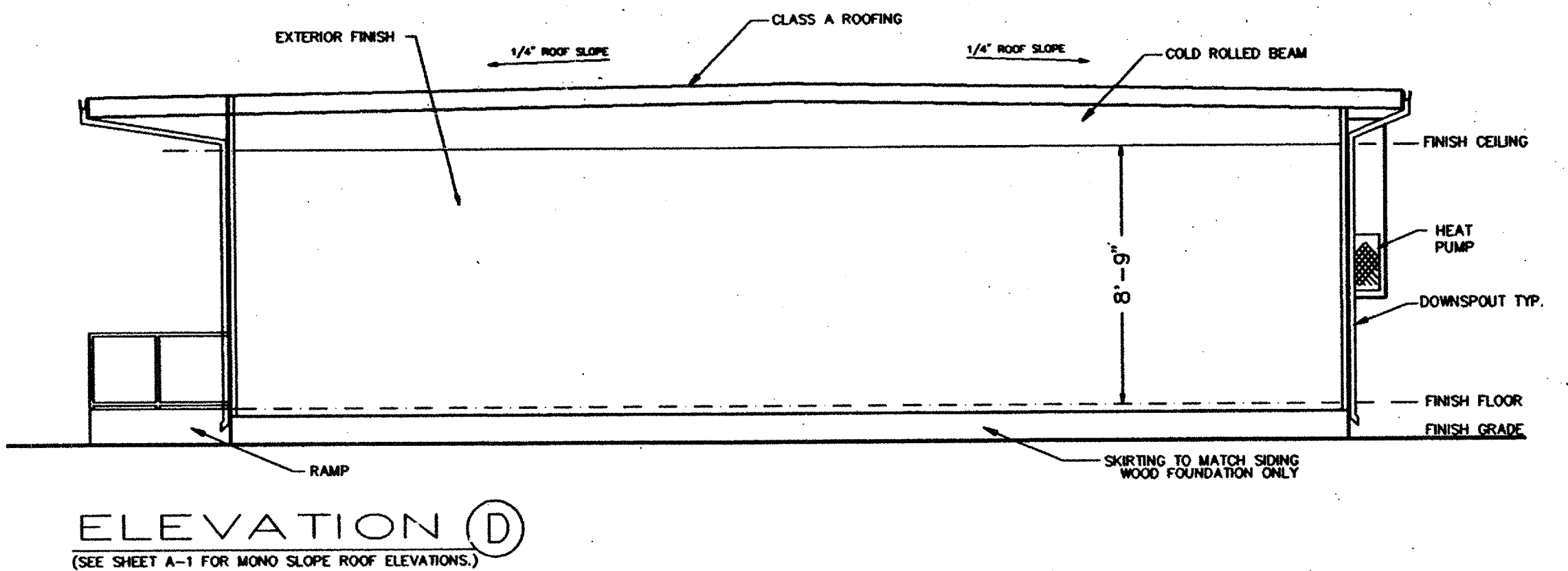
ELEVATION (A)
(SEE SHEET A-1 FOR MONO SLOPE ROOF ELEVATIONS.)



ELEVATION (C)
(SEE SHEET A-1 FOR MONO SLOPE ROOF ELEVATIONS.)



ELEVATION (B)
(SEE SHEET A-1 FOR MONO SLOPE ROOF ELEVATIONS.)



ELEVATION (D)
(SEE SHEET A-1 FOR MONO SLOPE ROOF ELEVATIONS.)

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PC-

ARCHITECT APPROVAL

STRUCTURAL ENGINEERS STAMP

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

PROJECT
24'X40' MODULAR CLASSROOM BUILDING

TITLE
EXTERIOR ELEVATIONS (DUAL PITCH ROOF)

DATE 12-8-97
DRAWN BY R.D.L.
SCALE
APPROVED

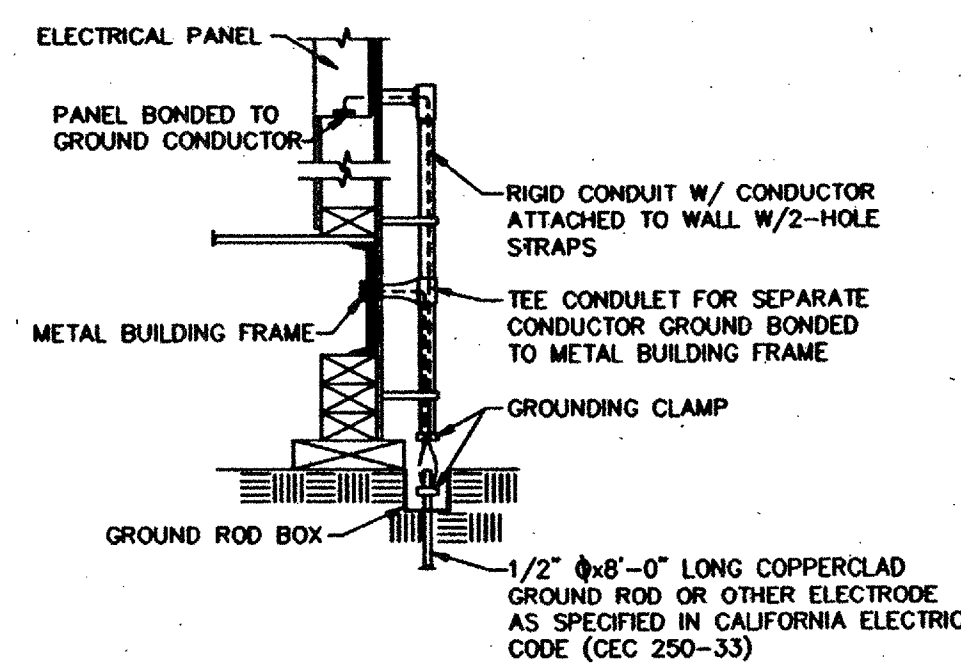
REVISIONS

SHEET NO. A-2-24

#110

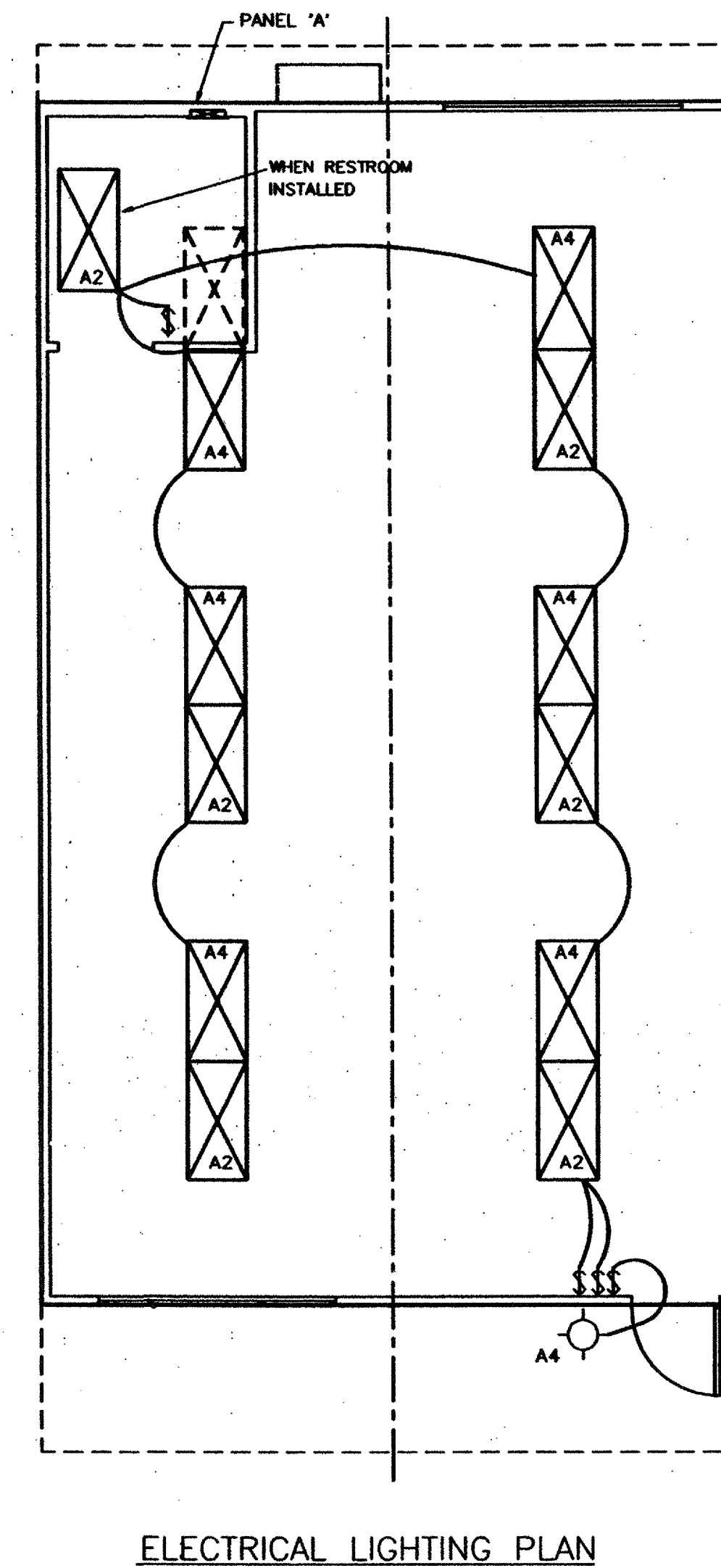
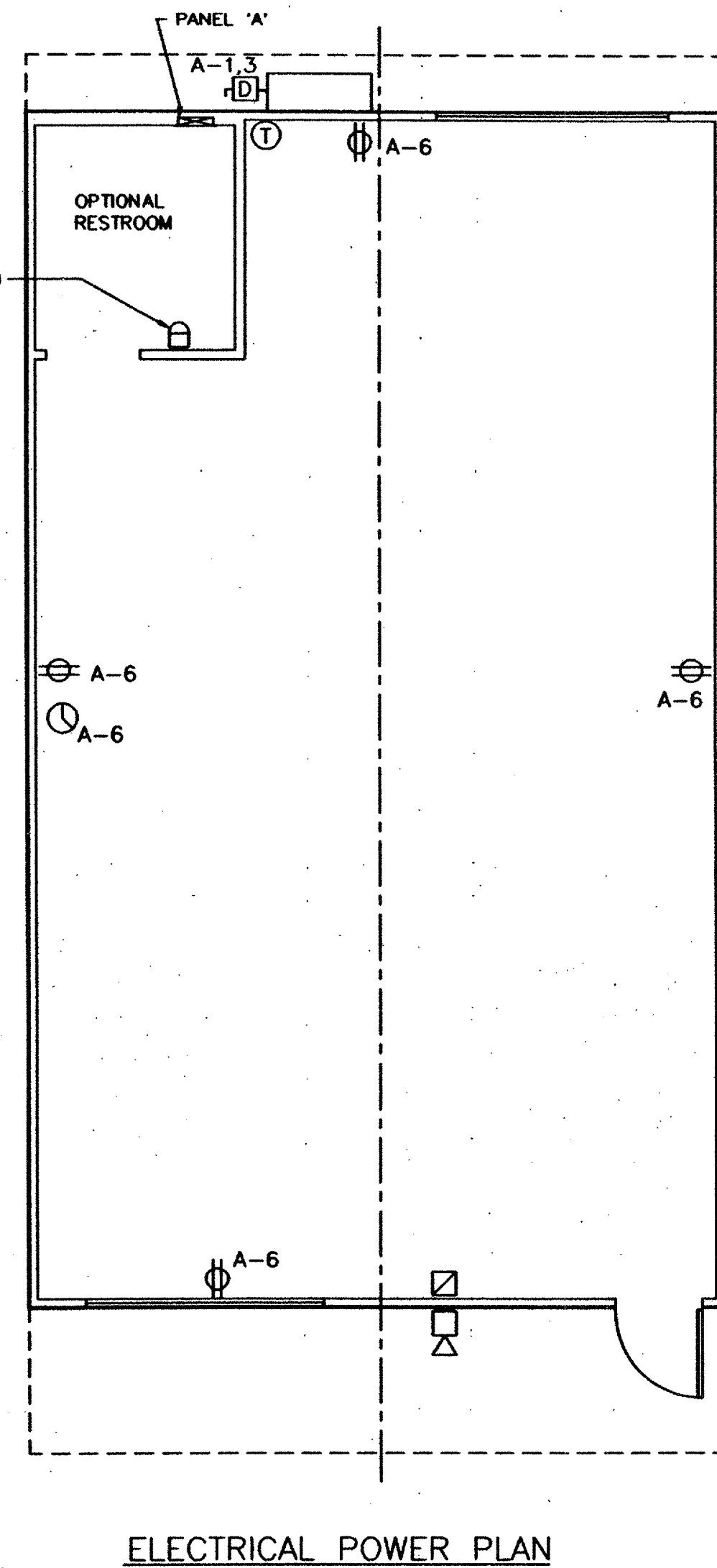
SYMBOL LEGEND

- ☐ DISCONNECT-GENERAL SWITCH R610-B.60 AMP. NOT REQUIRED ON A/C UNITS WITH INTERNAL DISCONNECT BREAKER
- ☐ PULL STATION ● +48" A.F.F.
- ☐ EXT. HORN ● +7'-0" A.F.F.
- ⊕ 110V RECEPTACLE 20 AMP HOSP. GRADE ● +15" A.F.F.
- ⊕ SWITCH ● +42" A.F.F.
- ⊖ THERMOSTAT ● +48" A.F.F.
- ⊖ CLOCK ● +8'-0"
- ☉ EXTERIOR LIGHT- SEE FIXTURE SCHEDULE
- ⊖ STROBE LIGHT ● +80" A.F.F.



- NOTES:**
- SIZE OF CONDUCTORS SHALL COMPLY W/CEC TABLE 250-95.
 - BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL & TO METAL BUILDING FRAME (CEC 250-81) IN ADDITION TO THE DETAIL SHOWN ABOVE. BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 FT. INTO THE SOIL IF AVAILABLE (CEC 250-81 & 250-83).
 - ALL MODULES OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING), INCLUDING RAMP TO STEEL FRAME.
 - CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS W/CONDUCTORS AS SHOWN, SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250-84).
 - PROJECT INSPECTOR SHALL WITNESS GROUNDING TEST.

PANELBOARD SCHEDULE W/ OPTIONAL WATER HEATER PANEL A(1)										PANELBOARD SCHEDULE PANEL A																					
VOLTS 120/240		PHASE 1			BUSS 100 A			FEED BOTTOM			VOLTS 120/240		PHASE 1			BUSS 100 A			FEED BOTTOM												
MAIN BRKR 100 A. WIRE 3 MOUNT FLUSH LOCATION INTERIOR										MAIN BRKR 100 A. WIRE 3 MOUNT FLUSH LOCATION INTERIOR																					
DESCRIPTION	WATTS	A#	B#	WIRE SIZE	BREAKER	POLE	DIST. NO.	A O B	POLE	POLE	POLE	POLE	A#	B#	WATTS	DESCRIPTION	A#	B#	WIRE SIZE	BREAKER	POLE	DIST. NO.	A O B	POLE	POLE	POLE	A#	B#	WATTS	DESCRIPTION	
HVAC 3.5 TON	5290	8	50	2	1	2	1	2	1	20	12	8/64	---	---	---	---	HVAC 3.5 TON	5290	8	50	2	1	2	1	20	12	8/64	---	---	---	LIGHTS
HVAC 3.5 TON	5290	8	---	---	3	4	1	20	12	---	---	---	9/64	---	---	---	HVAC 3.5 TON	5290	8	---	---	3	4	1	20	12	---	---	---	---	LIGHTS/PORCH
OPTIONAL WATER HEATER	1400	12	20	1	5	6	1	20	12	7/20	---	---	---	---	---	---	RECEPT	---	---	---	---	5	6	1	20	12	7/20	---	---	---	---
SUB TOTAL										SUB TOTAL																					
LOAD KW					TOTAL LOAD					LOAD KW					TOTAL LOAD																
A 6.874					L.C.L. = 1,828 x 1.25 = 2,285					A 6.874					L.C.L. = 1,828 x 1.25 = 2,285																
B 7.654					OTHER = 12,700					B 6.254					OTHER = 11,300																
TOT 14.528					MAX DEMAND = 14,985					TOT 13.128					MAX DEMAND = 13,585																



- NOTES:**
- FIRE ALARM SYSTEM SHALL COMPLY W/ TITLE 24 SEC. 305.9, TITLE 24, PART 3, ARTICLE 760 OF THE CALIFORNIA CODE OF REGULATIONS AND CALIFORNIA FIRE REGULATIONS, ARTICLE 10.
 - INSTALLATION OF FIRE ALARM SYSTEM SHALL NOT BE STARTED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER IN GENERAL CHARGE OF DESIGN AND THE SIGNATURE OF THE ARCHITECT OR PROFESSIONAL ENGINEER WHO HAS BEEN DELEGATED RESPONSIBILITY COVERING THE WORK SHOWN ON A PARTICULAR PLAN OR SPECIFICATION, AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT AND STATE FIRE MARSHAL.

SYMBOL	DESCRIPTION	WATTS	MANUFACTURER
☒	2'x 4' FLUORESCENT DROP-IN LIGHT FIXTURE, ACRYLIC PRISMATIC LENS, ENERGY SAVING BALLAST, (4) 35 WATT TUBES. WEIGHT- 27 lbs	144 WATTS	
☉	INCANDESCENT SURFACE MOUNTED EXTERIOR LIGHT FIXTURE WITH IMPACT RESISTANT ENCLOSURE.	100 WATTS	

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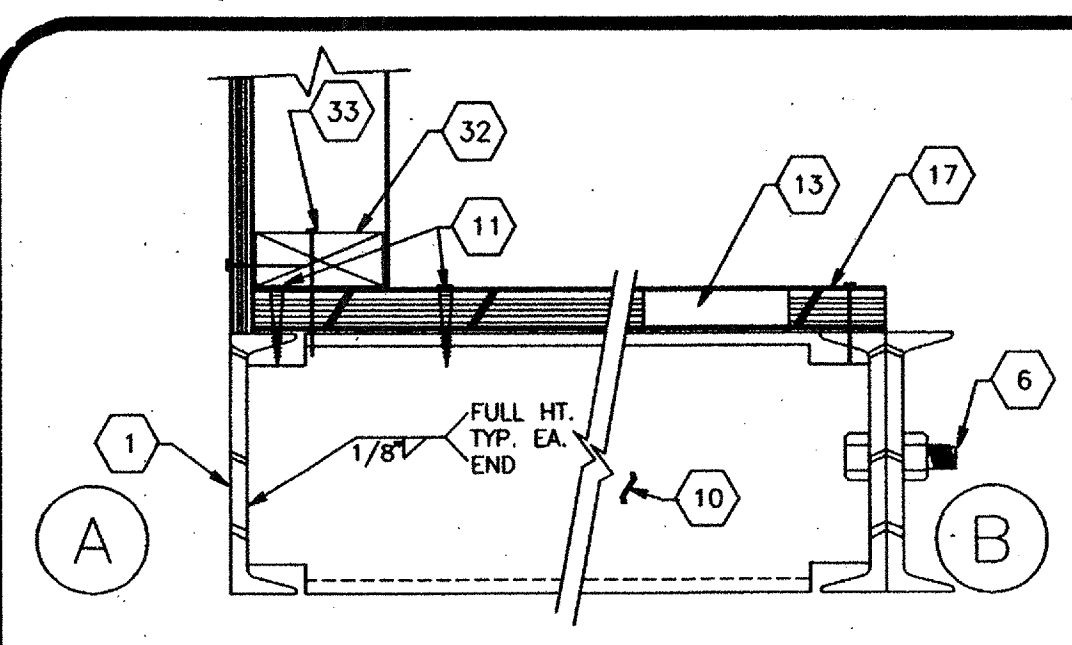
ARCHITECT APPROVAL

STRUCTURAL ENGINEERS STAMP
STATE AGENCY APPROVAL

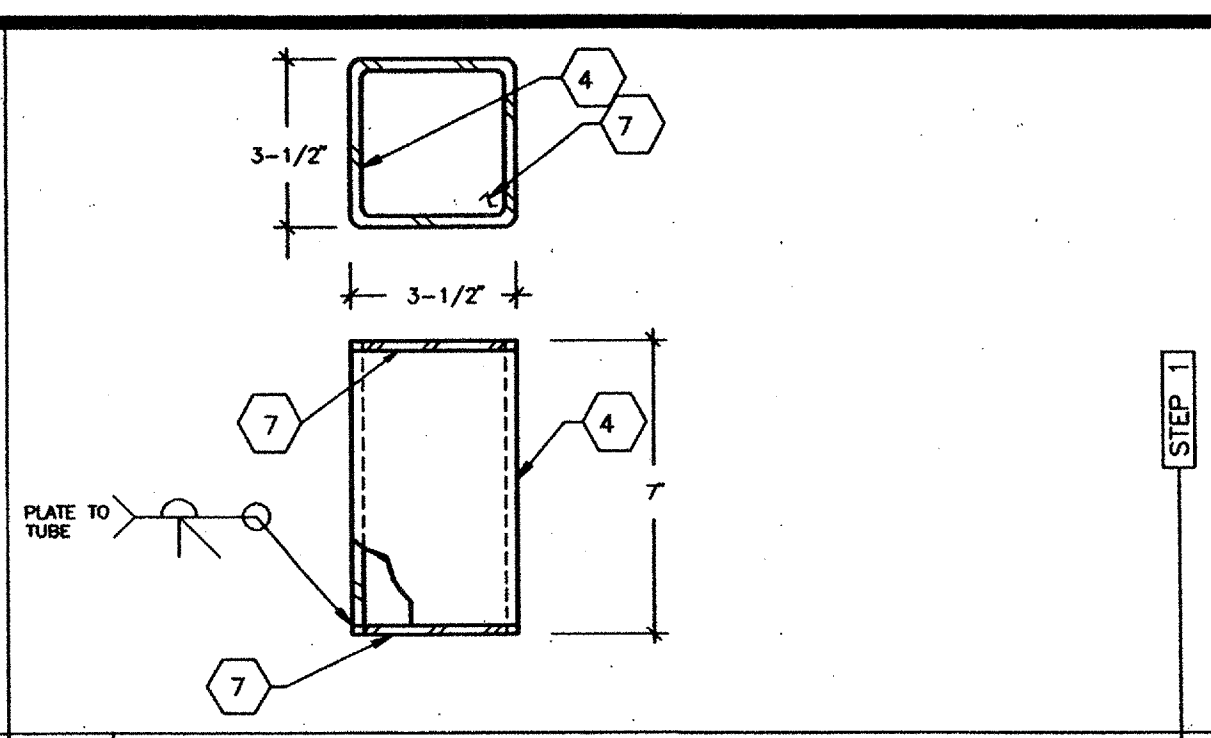
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DIV. OF THE STATE ARCHITECT
117085
DATE: 12/31/88

STATE AGENCY APPROVAL
#110

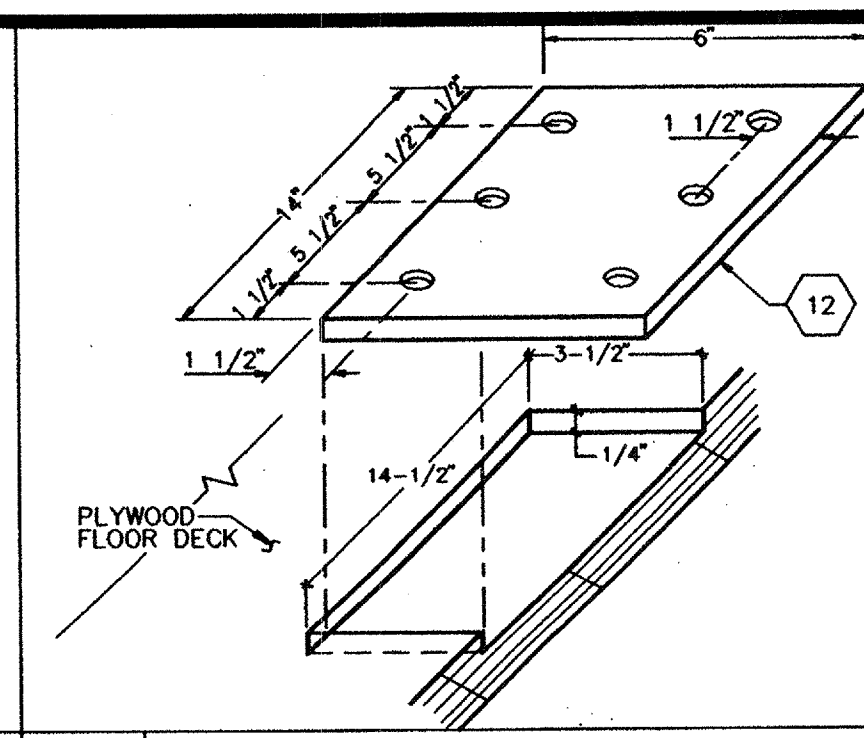
PROJECT: 24'x40' MODULAR CLASSROOM BUILDING
TITLE: ELECTRICAL LIGHTING PLAN
ELECTRICAL POWER PLAN
PANEL SCHEDULE
JOB #: 24860
DATE: 12-8-97
DRAWN BY: R.D.L.
SCALE:
APPROVED:
REVISIONS:
SHEET NO.: E-1-24



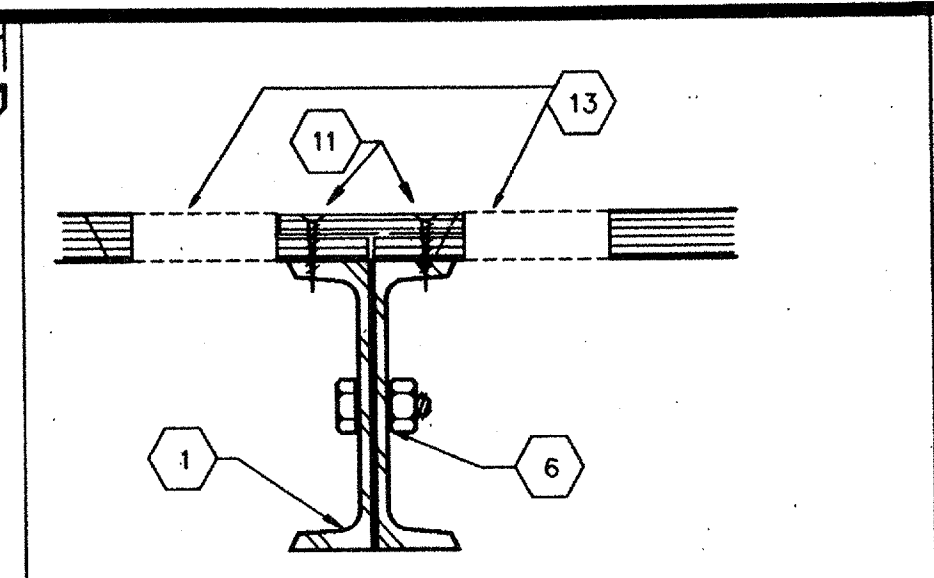
12 PERIMETER FLOOR



8 TUBE PLATE WELDMENT



5 ALT. MOD CONN. PLATE TYPE II



1 TYP. MOD CONN. @ FLR. TYPE I

KEYNOTES

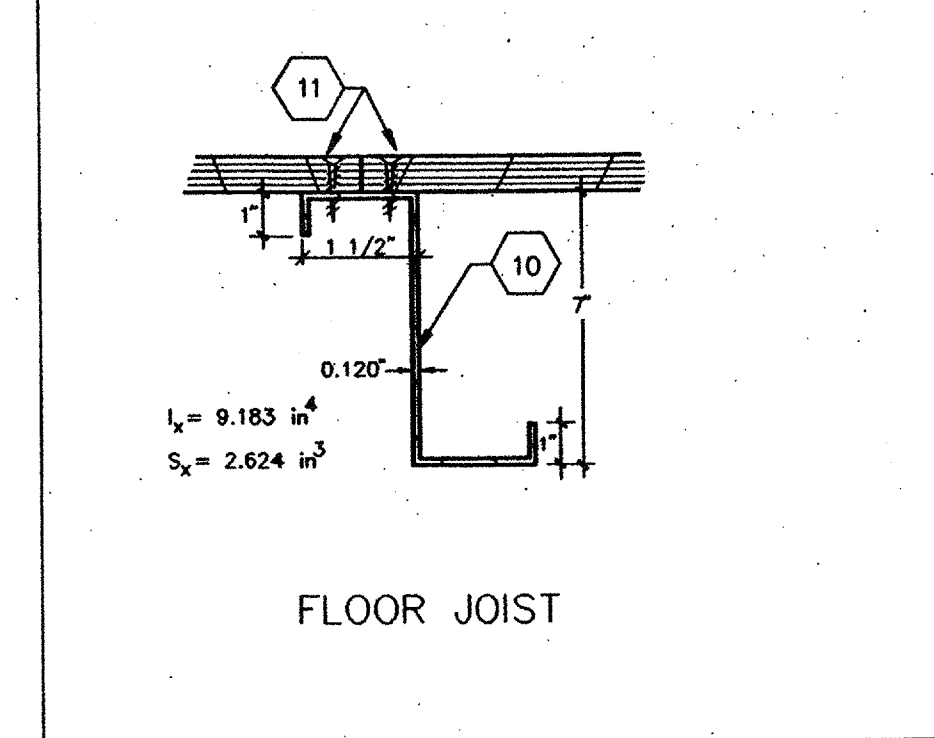
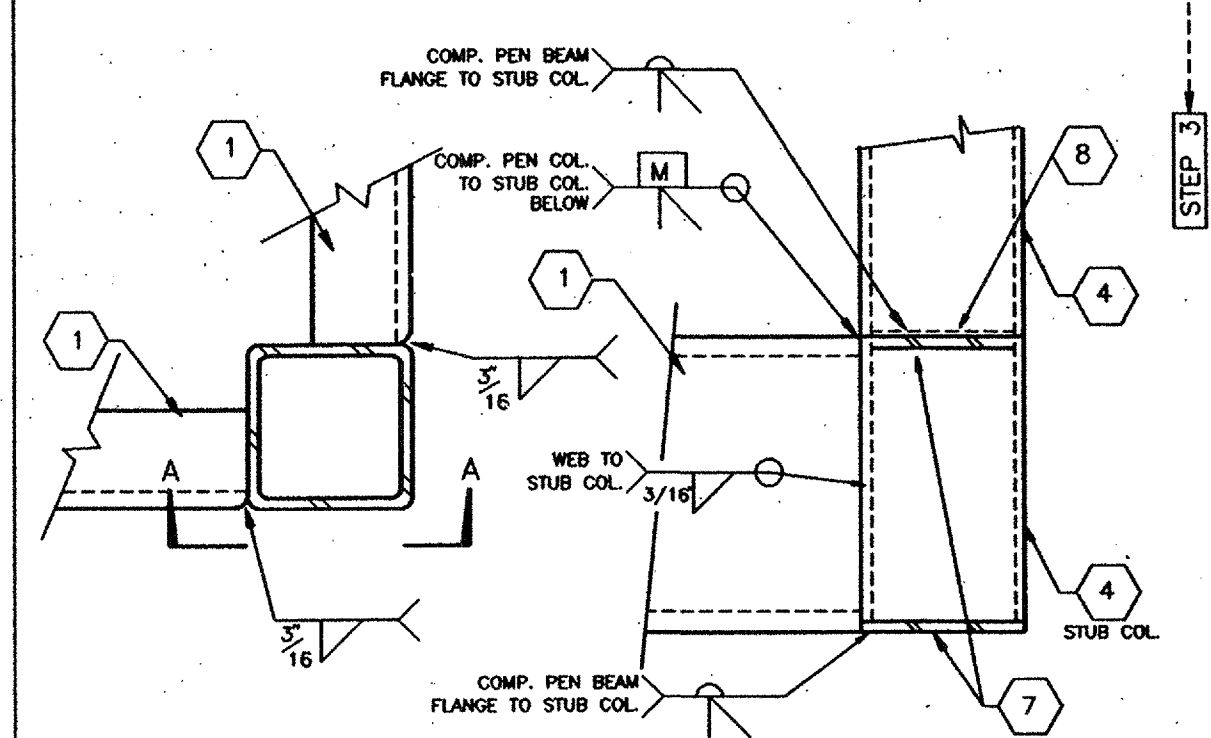
- NOTES
1. [7' x 9.8' IS PERIMETER FLOOR FRAME
 6. 5/8" MACHINE BOLT @ MODULE CONNECTION LOCATIONS AT 8 FT. O.C. AT ROOF AND 10 FT. O.C. AT FLOOR
 10. 2' 7" X 11 GA. FLOOR JOIST
 11. FLOOR SHEATHING- 1-1/8" APA RATED STURD-I-FLOOR OR EQUAL, P.S. 1-83 T & G EDGES, 48" SPAN RATING; ATTACH TO STEEL FRAMING WITH 170/192 PIN OR #10-24 X 1 3/4 SELF TAP SCREW @ 8" O.C. BOUNDARY & EDGES AND 10" O.C. FIELD.
 12. 6" X 14" X 12 GA. PLATE WITH (6) #10-34 X 1 3/4" FLAT HEAD SELF TAP SCREWS INTO STEEL CHANNEL FLOOR FRAME (TYPE II)
 13. 5" DIA. HOLE AT BOLT LOCATION. (CONN. TYPE 1)
 14. 7" X 11 GA. STEEL BRACE WELDED TO PERIMETER FRAME AND FLOOR JOIST.
 15. N/A
 16. N/A
 17. AT MODULE JOINT TAKE PLYWOOD TO EDGE OF CHANNEL AT PERIMETER, HOLD PLYWOOD BACK AS INDICATED.
 18. R-11 INSULATION ON "SEAL TITE" TYPE HW POLYMAX UNDERBELLY OR EQUAL WITH BIDIRECTIONAL POLYESTER FIBERS.
 32. 2X4 BOTTOM PLATE
 33. .131 X 3 1/4" NAIL (8d NAIL) AT 8" O.C.

13

9 POCKET TUBE TO FLOOR FRAME

6 ALT. MOD CONN. @ FLR. TYPE II

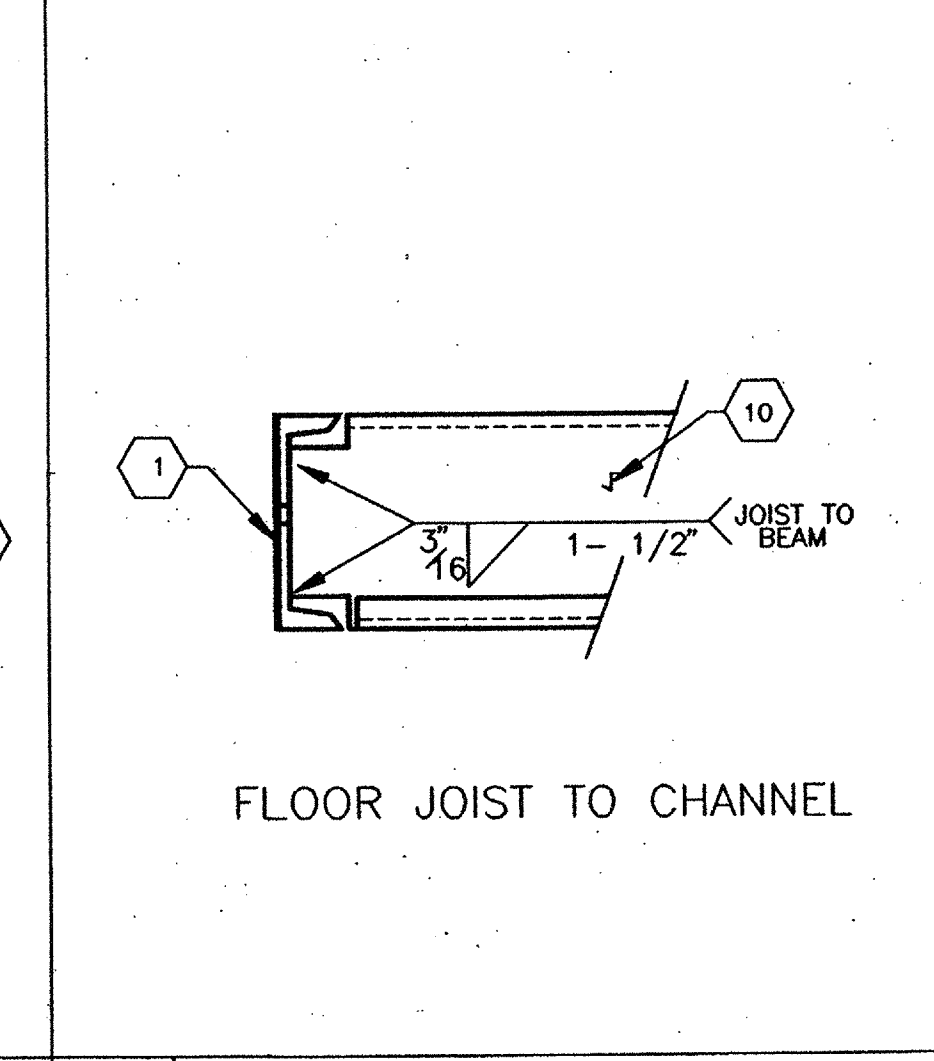
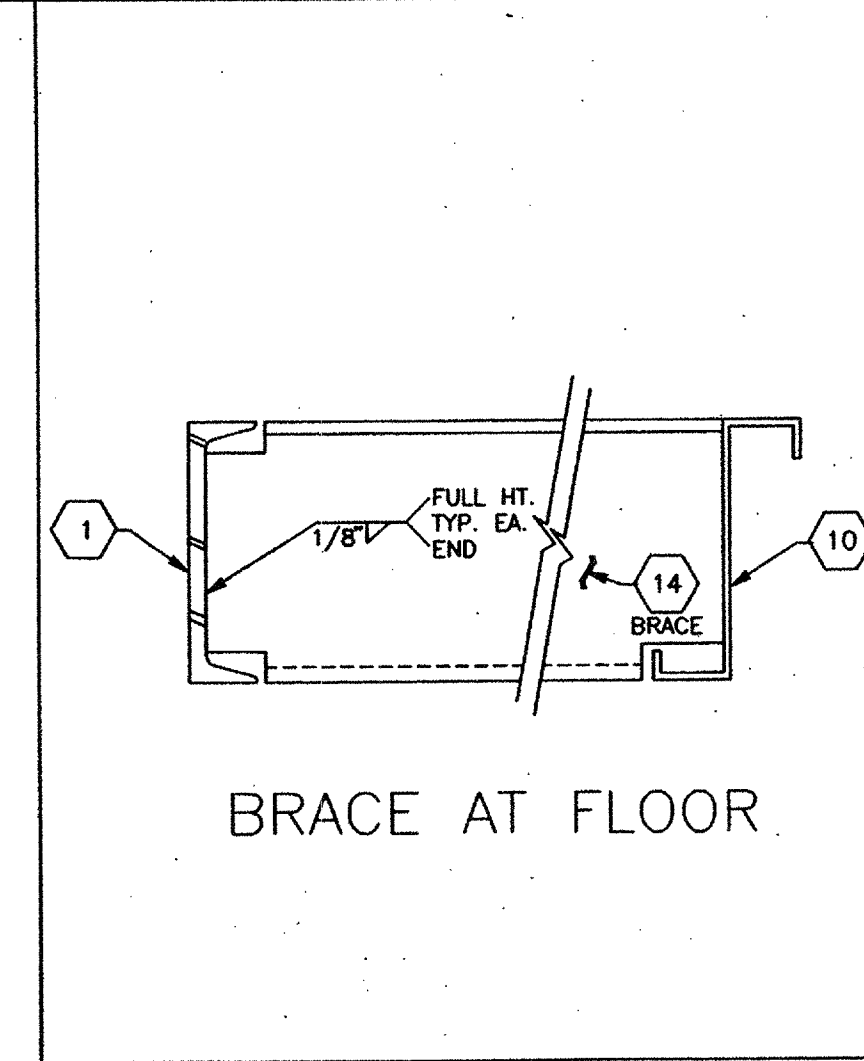
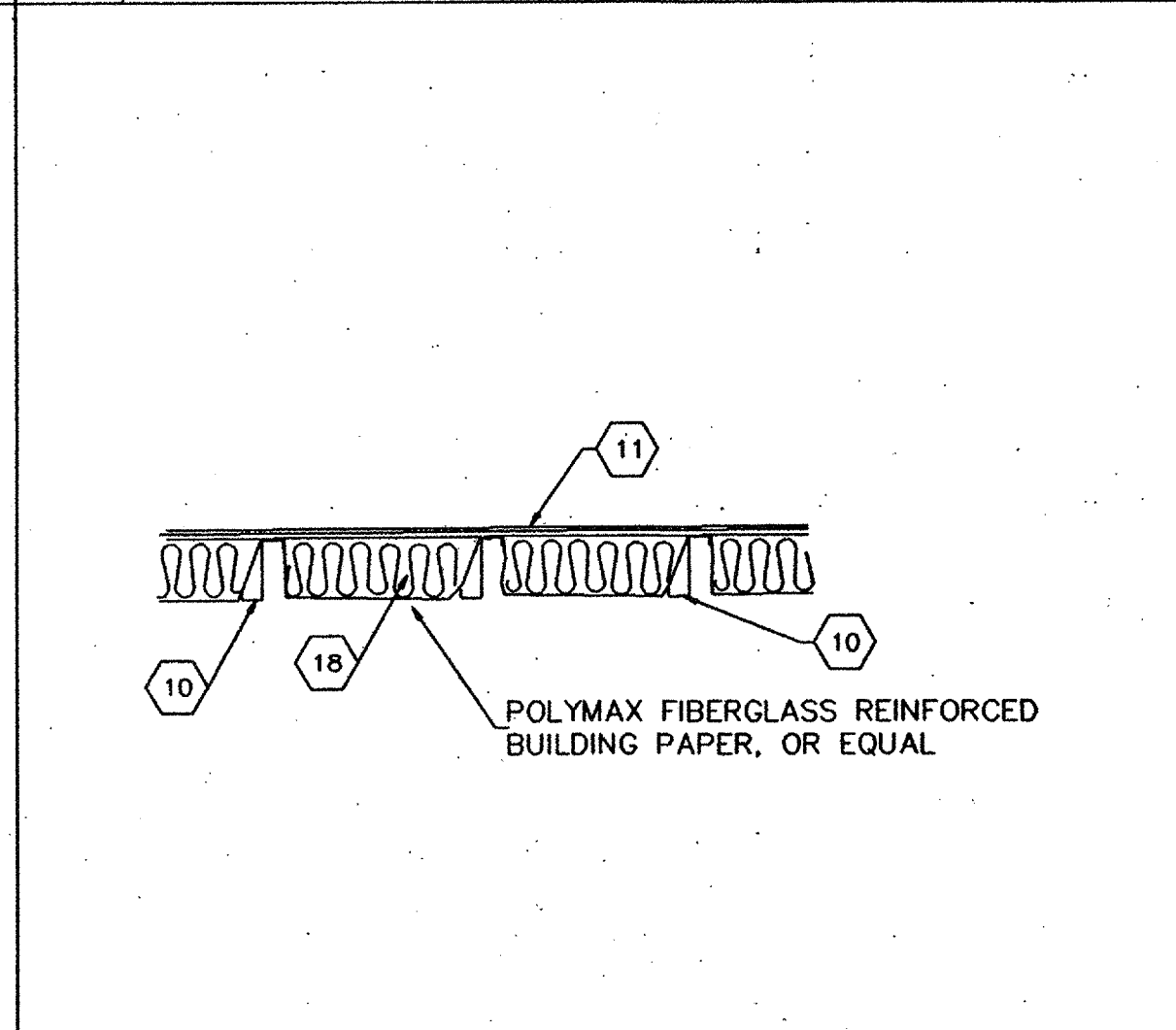
2 CHANNEL SPLICE



10 COLUMN CONN. @ FLOOR

7

3 TYPICAL JOISTS



15 INSULATION @ FLOOR

11 BRAKE AT FLOOR

4 FLOOR JOIST DETS.

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STRUCTURAL ENGINEERS STAMP

STATE AGENCY APPROVAL

24'X40' 36'X40' & 48'X40' MODULAR CLASSROOM BUILDING

TITLE FLOOR CONSTRUCTION DETAILS

IDENTIFICATION STAMP

DATE 1-9-98

DRAWN BY R.D.L.

SCALE NONE

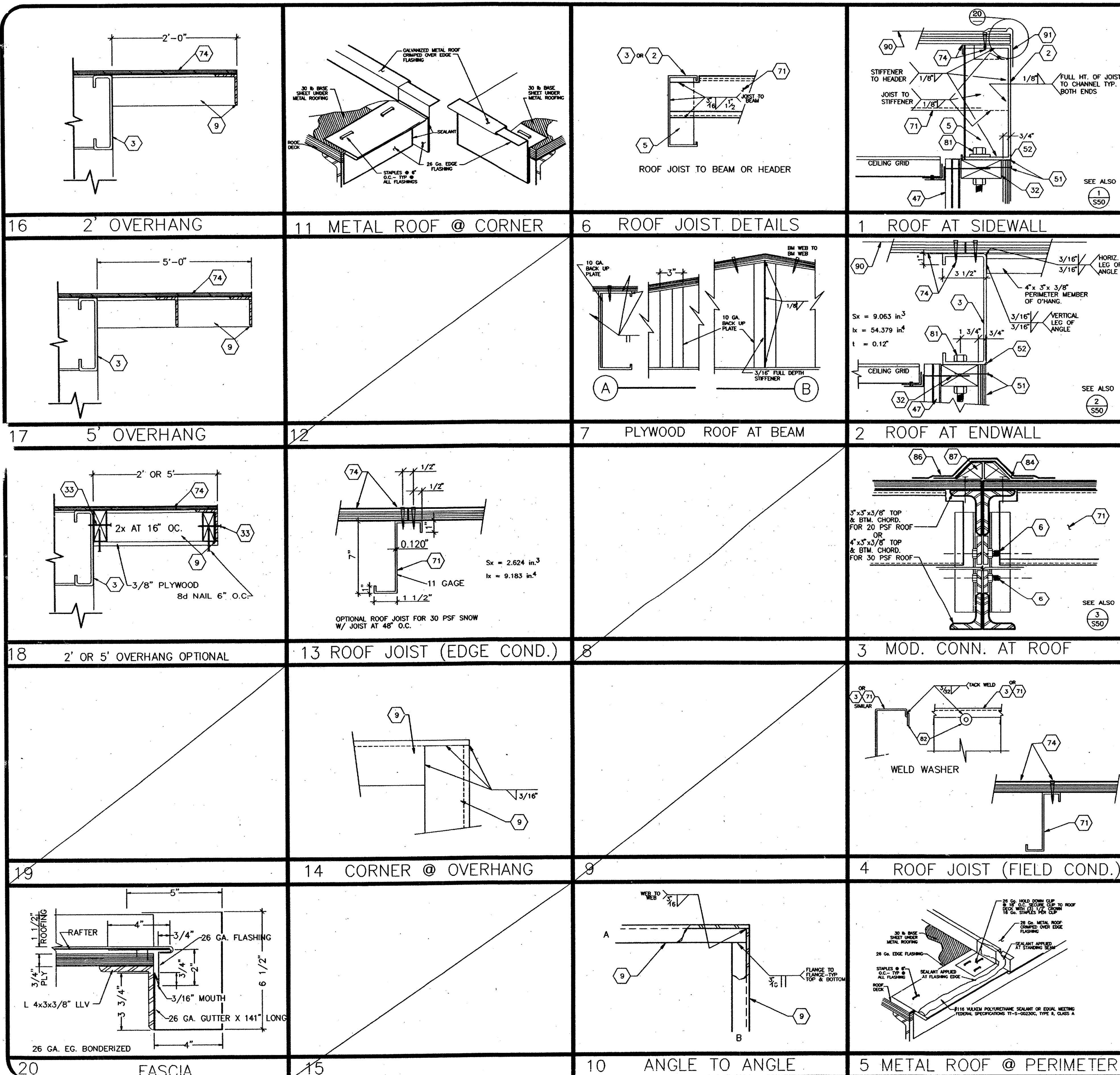
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REVISIONS

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DATE JAN 15 1998

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KEYNOTES

2. 10 GA. STEEL ROOF BEAM
3. 12 GA. STEEL ROOF HEADER
3. 3/16" FULL HEIGHT STIFFENER @ 4'-0" O.C. OR AT ROOF JOIST
6. 5/8" MACHINE BOLT @ MODULE CONNECTION
9. L 4"x 3"x 3/8" PERIM. OF ROOF OVERHANG, L 4"x 3"x 3/8" LLV AT 30 PSF SNOW.
32. 2 x 4 TOP PLATE OR BOTTOM PLATE
47. TYPICAL INTERIOR FINISH - SEE SHEET G-1
52. SEALANT
71. ROOF JOIST
74. ROOF SHEATHING - 3/4" C-D EXPOSURE 1, 48/24 SPAN RATING, PS 1-74, APA RATED OR EQUAL, SQUARE EDGE W/ PLYWOOD CLIPS @ 16" O.C. ON UNSUPPORTED EDGES; ATTACH TO STEEL FRAMING WITH #10 x 2" SELF TAP SCREWS OR .170 PIN @ 6" O.C. BOUNDARY & EDGES AND 6" O.C. FIELD WHERE JOIST ARE AT 48" O.C. AND 12" O.C. WHERE JOIST ARE AT 32" O.C.
81. 1/2" MACHINE BOLT @ 24" O.C. MIN. OR .170 PIN AT 16" O.C.
83. TYPICAL EXTERIOR FINISH - SEE SHEET G-1
84. FIBERGLASS BASE 12" WIDE, NAIL EDGES 12" O.C.
86. MINERAL SURFACE CAP SHEET 18" WIDE SET IN COLD PROCESS CEMENT, NAIL AS REQUIRED, SPOT COAT NAIL HEADS.
87. CONTINUOUS WOOD CANT STRIP. EXTEND ROOFING TO TOP OF CANT STRIP.
90. ROOFING MATERIAL 26 GAGE, 30 GAGE OR BUILD UP ROOF
91. GALVANIZED 26 GAGE METAL FLASHING.

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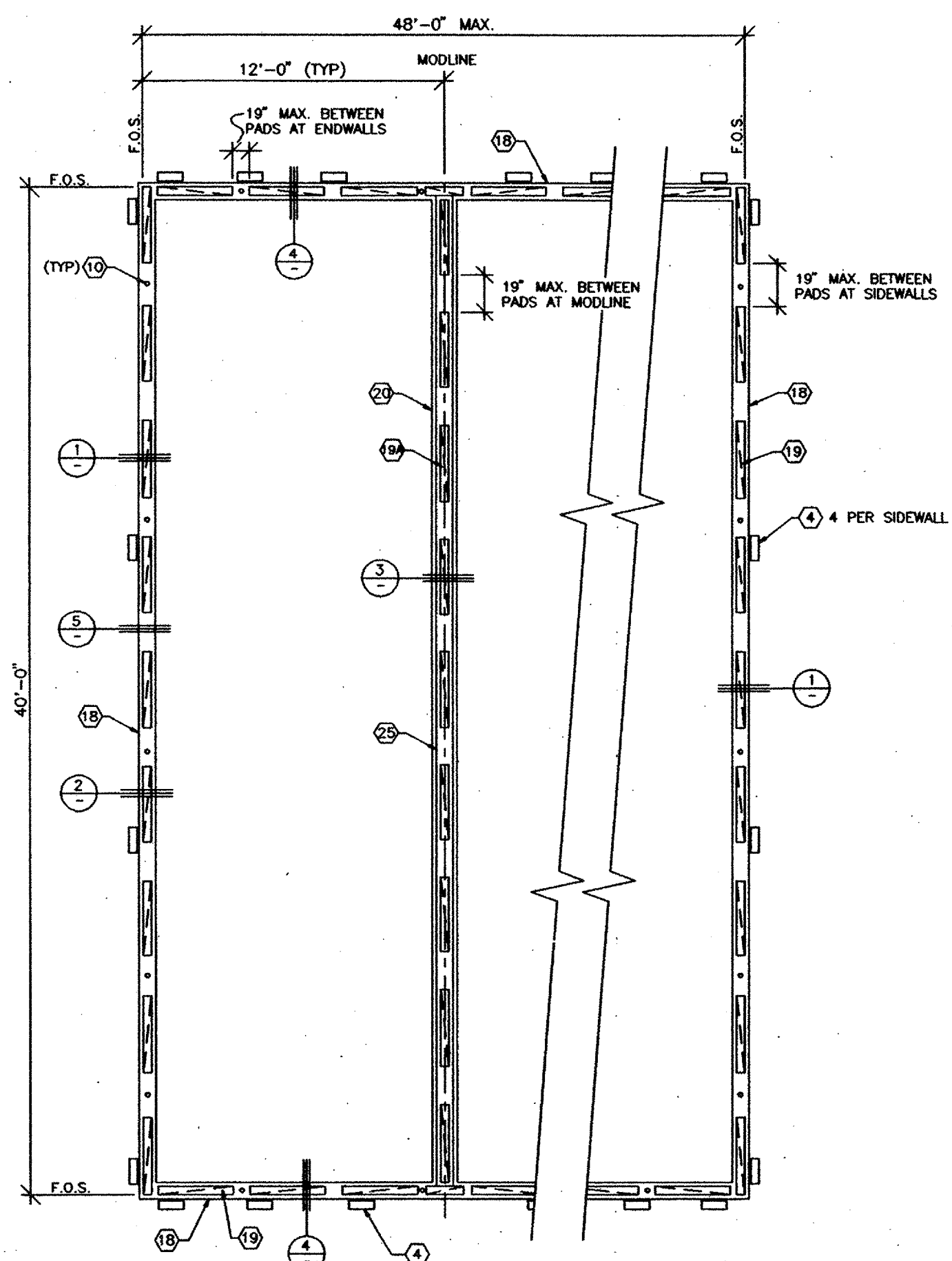
PROJECT
 24'x40' & 48'x40'
 MODULAR CLASSROOM BUILDING

TITLE
 ROOF CONSTRUCTION DETAILS

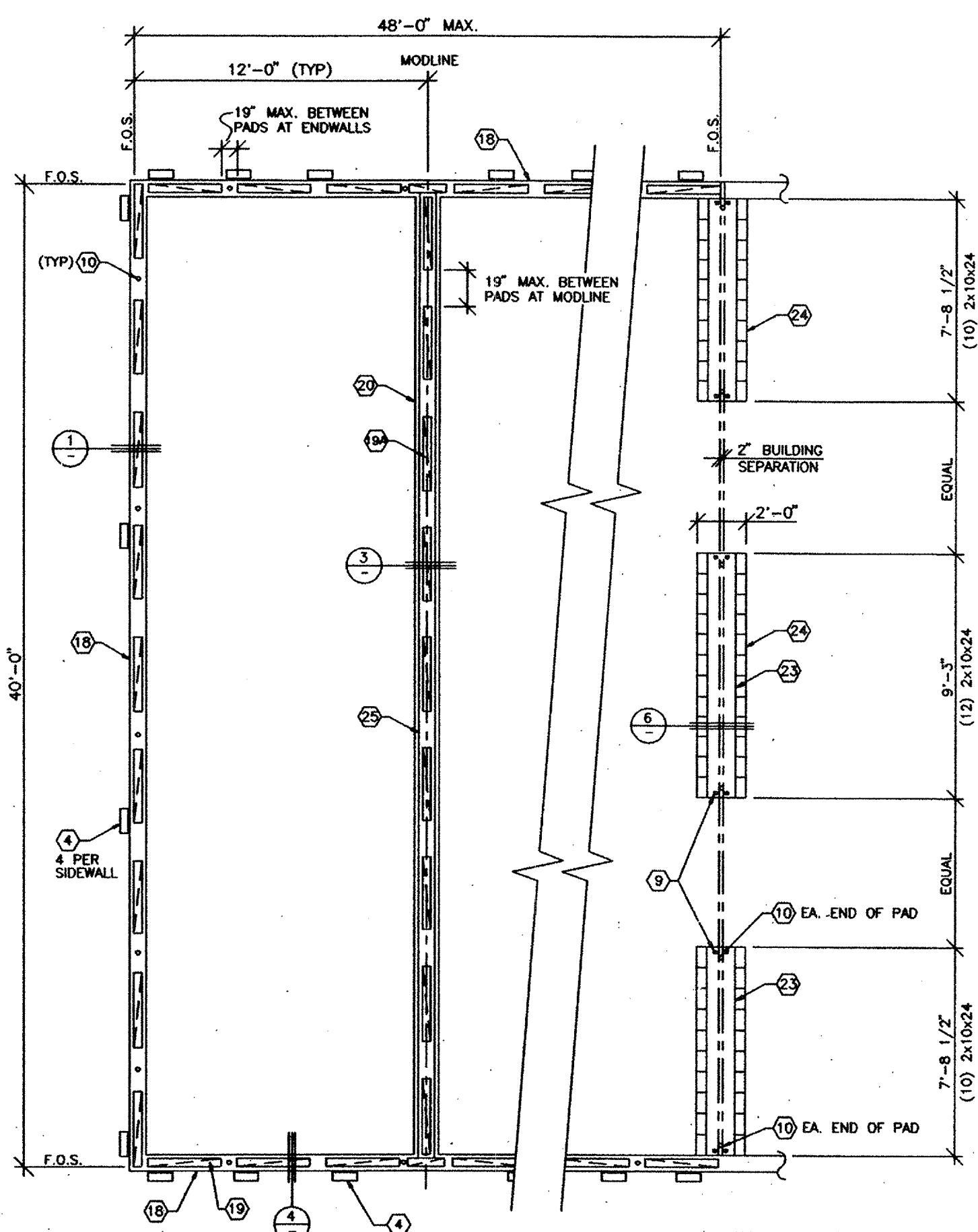
DATE	1-9-98
DRAWN BY	R.D.L.
SCALE	NONE
APPROVED	
REVISIONS	

SHEET NO.
 S-62

PC-100073



MULTI-WIDE FOUNDATION PLAN (N.T.S.)
50 P.S.F. FLOOR LIVE LOAD
20 PSF ROOF LOAD



FOUNDATION PLAN @ ADJACENT BUILDING (N.T.S.)
50 P.S.F. FLOOR LIVE LOAD
20 PSF ROOF LOAD

KEYNOTES

- MAXIMUM SOIL BEARING PRESSURE - 1000 PSF.
- ALL FOUNDATION LUMBER SHALL BE H.F. #2 ALL LUMBER IN CONTACT WITH GRADE SHALL BE STAMPED "FOR GROUND CONTACT"
- ALL FOUNDATION NAILS SHALL BE CORROSION RESISTANT PER U.B.C. STANDARD 25. 1717.
- 2X4 CONTINUOUS. INTERVAL TO EACH PAD WITH 16d BOX NAILS @ 5' O.C. STAGGERED.
- 5/8" PLYWOOD PERIMETER SKIRTING. NAIL TO FOUNDATION PADS WITH 8d BOX NAILS @ 12" O.C. TOP AND BOTTOM.
- NOT USED.
- TAPERED SHIMS - NAIL TO FOUNDATION PADS WITH 16d BOX NAILS @ 12" O.C. NAIL 2X12 FOUNDATION PLATE TO TAPERED SHIMS WITH 16d BOX NAILS @ 12" O.C. STAGGERED ALONG EACH TAPERED SHIM (PER SLOPE OF GROUND AT SITE)
- PLYWOOD OR WOOD SHIM - MIN. 8" LONG, MAX. 16" BETWEEN SHIMS. NAIL TO PLATES WITH MIN. (3) 16d BOX NAILS PER SHIM MAX. 1-1/2" SHIM HEIGHT AT ANY LOCATION.
- 11/16" HOLE IN PURLIN FOR 5/8" X 4" LAG BOLT (SEE SCHEDULE 1 FOR AMOUNT)
- DRIVE 1" DIA. X 15" G.I. PIPE @ 10'-0" O.C. MAX. DRILL SILL PLATE 1-1/4" MAX. PIPE MAY BE DRIVEN AT MAX. 45 ANGLE TO VERTICAL.
- 7"x9.8# STEEL FLOOR CHANNEL.
- 5/8" MACHINE BOLT @ MODULE CONNECTION.
- PLYWOOD FLOOR DECK. ATTACH PLYWOOD FLOORING TO STEEL CHANNEL WITH #10 X 1 1/2 S.T.S.
- CONTINUOUS 2X8 P.I.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2X4 BLOCK LOCATION
- 2X4X3'-0" LONG BLOCKS. NAIL BLOCKS TOGETHER WITH 16d BOX NAILS @ 4" O.C. AND (2) 16d NAILS AT EACH END.
- 2X6X3'-0" LONG BLOCKS. NAIL BLOCKS TOGETHER WITH 16d BOX NAILS @ 4" O.C. AND (2) 16d NAILS AT EA. END.
- CONTINUOUS 2X12 P.I.H.F. SILL PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2X8 BLOCK LOCATIONS.
- FLOOR JOIST OR BLOCK BETWEEN FLOOR JOIST.
- CONTINUOUS 2X12(SEE PLAN). NAIL (2) 16d AT EACH END AND 12" O.C.
- 2X10X24" LONG SILL PADS. P.I.H.F. (SEE PLAN FOR QUANTITY 10 AT ENDS & 12 AT INTERIOR)
- CONTINUOUS 2X8 H.F. PLATE. PLATE SPLICES SHALL OCCUR AT CENTER OF 2X6 BLOCK LOCATIONS.

* NOTE:
UBC 2317.7 WHERE MOISTURE DUE TO CLIMATE AND GROUND WATER CONDITIONS IS NOT CONSIDERED EXCESSIVE, THE BUILDING OFFICIAL MAY ALLOW OPERABLE LOUVERS AND MAY ALLOW THE REQUIRED NET AREA OF VENT OPENINGS TO BE REDUCED TO 10 PERCENT OF THE REQUIRED AMOUNT PROVIDED THE UNDER-FLOOR GROUND SURFACE AREA IS COVERED WITH AN APPROVED VAPOR RETARDER.

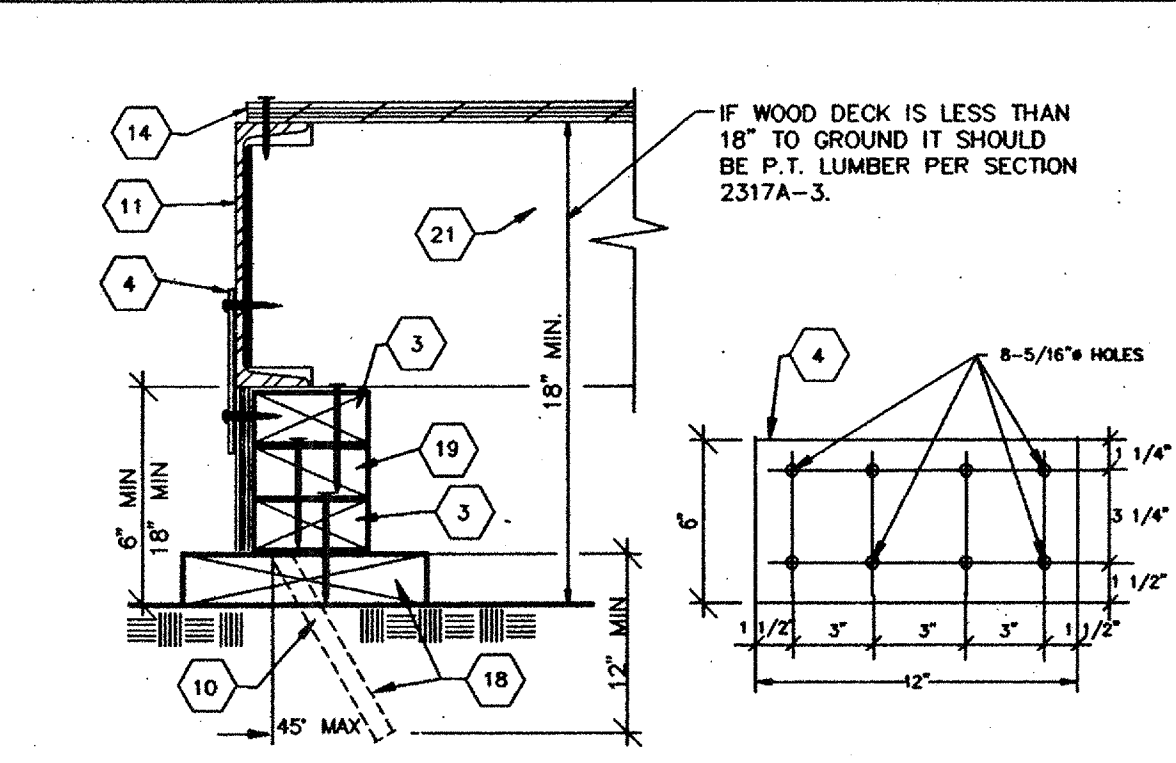
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MODULAR STRUCTURES INTERNATIONAL, INC.
920 CITRUS AVE. RIVERIDE, CALIFORNIA, 92507
PHONE: (909) 786-3035 FAX: (909) 786-1523

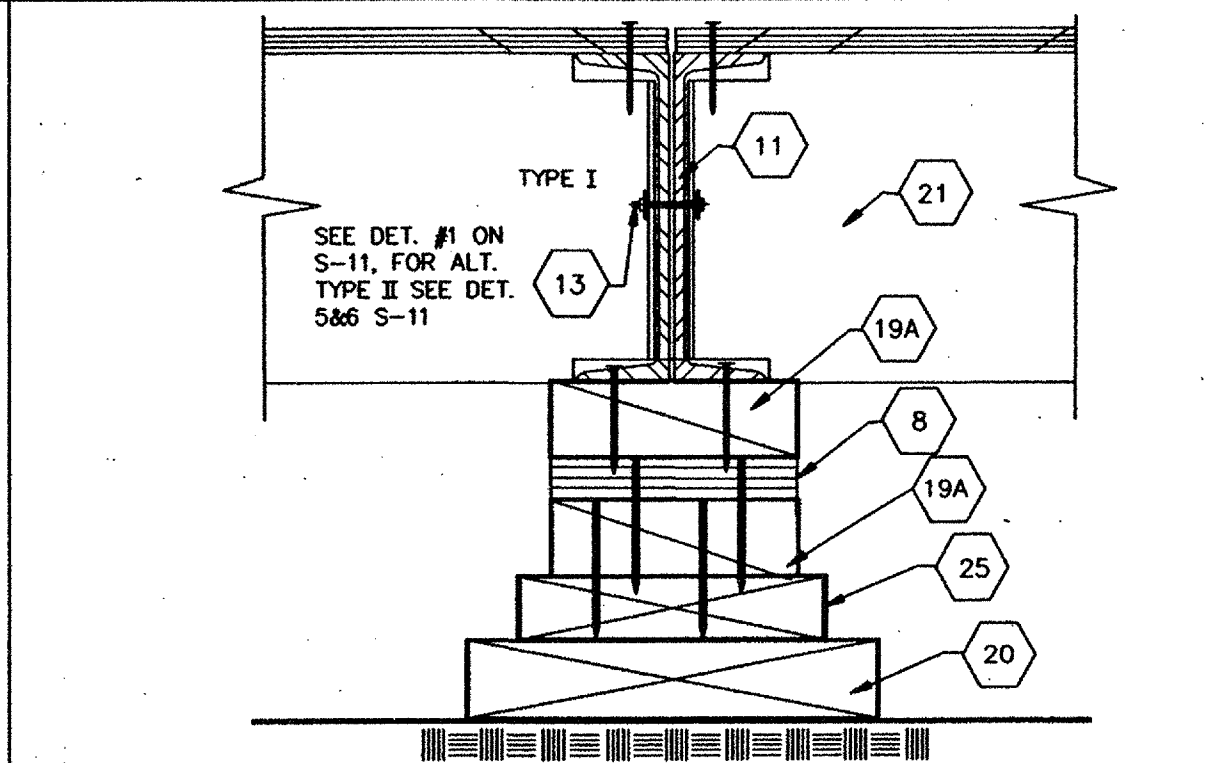
ARCHITECT APPROVAL
STRUCTURAL ENGINEERS STAMP
LICENSE EXPRESS 6-36

STATE AGENCY APPROVAL
PROJECT
24'X40', 36'X40', & 48'X40'
MODULAR CLASSROOM BUILDING

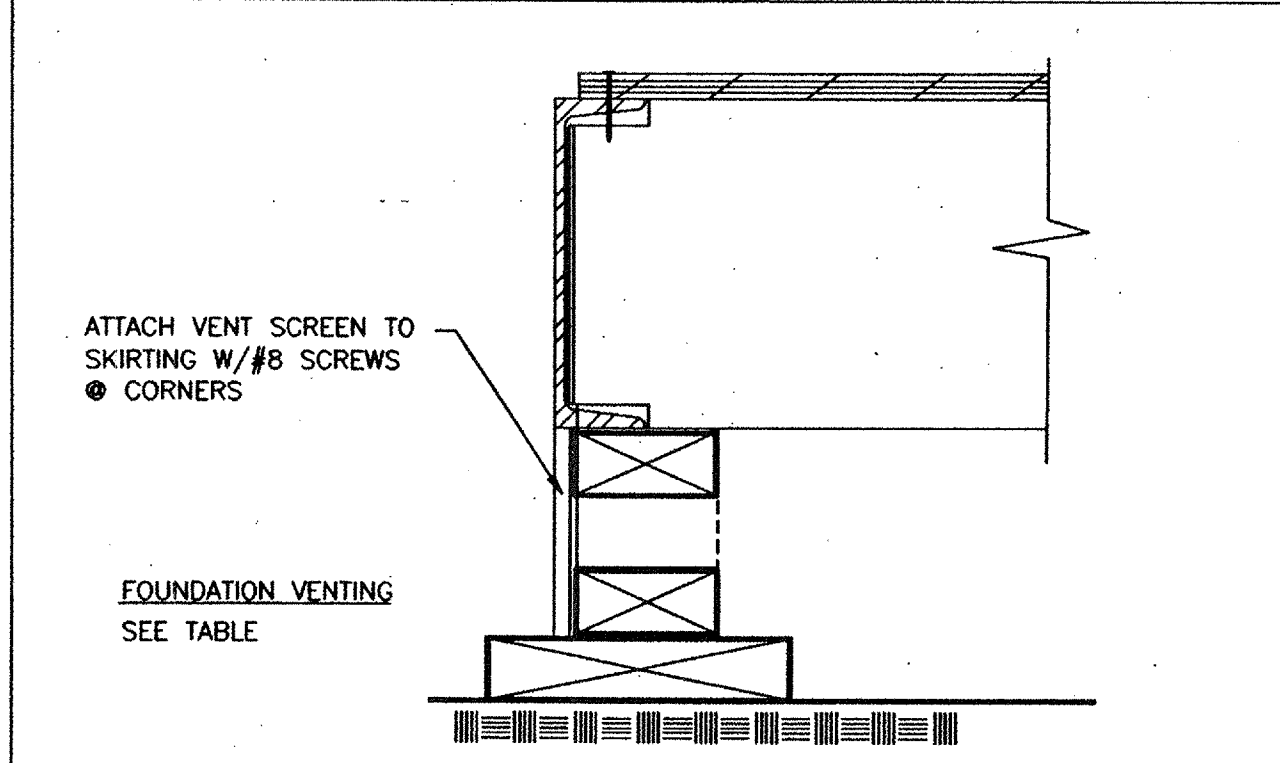
DATE 1-9-98
DRAWN BY R.D.L.
SCALE NONE
APPROVED
REVISIONS
SHEET NO. F-1



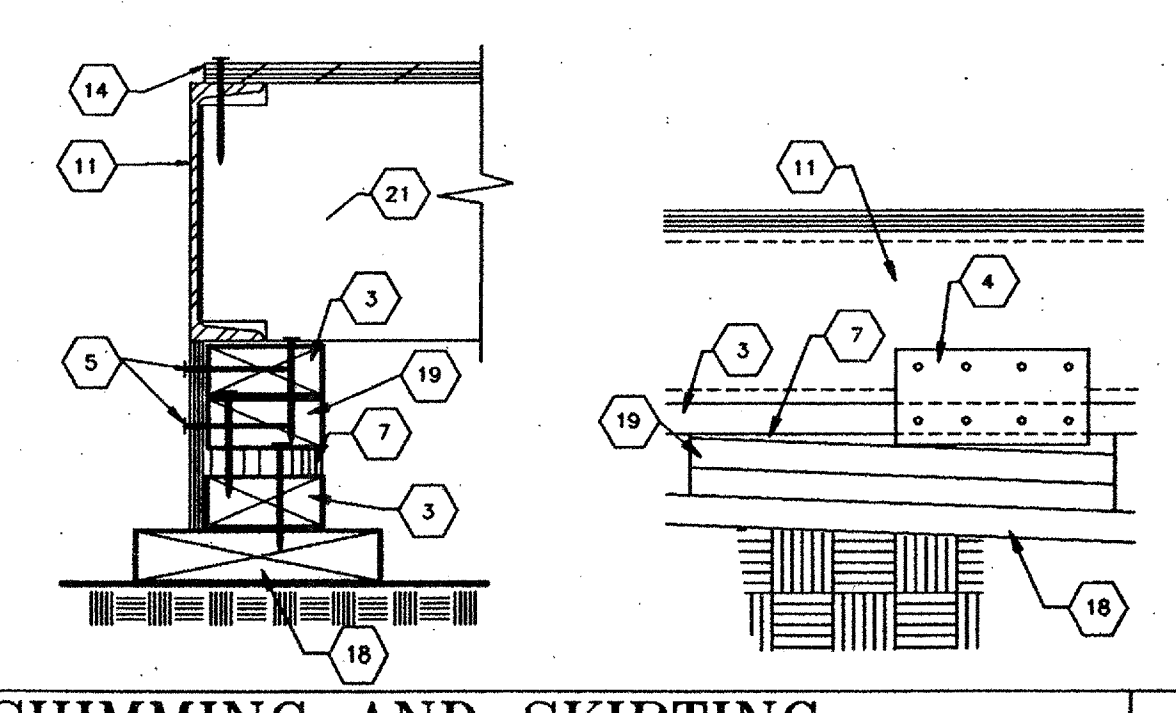
FOUNDATION AT SIDEWALL



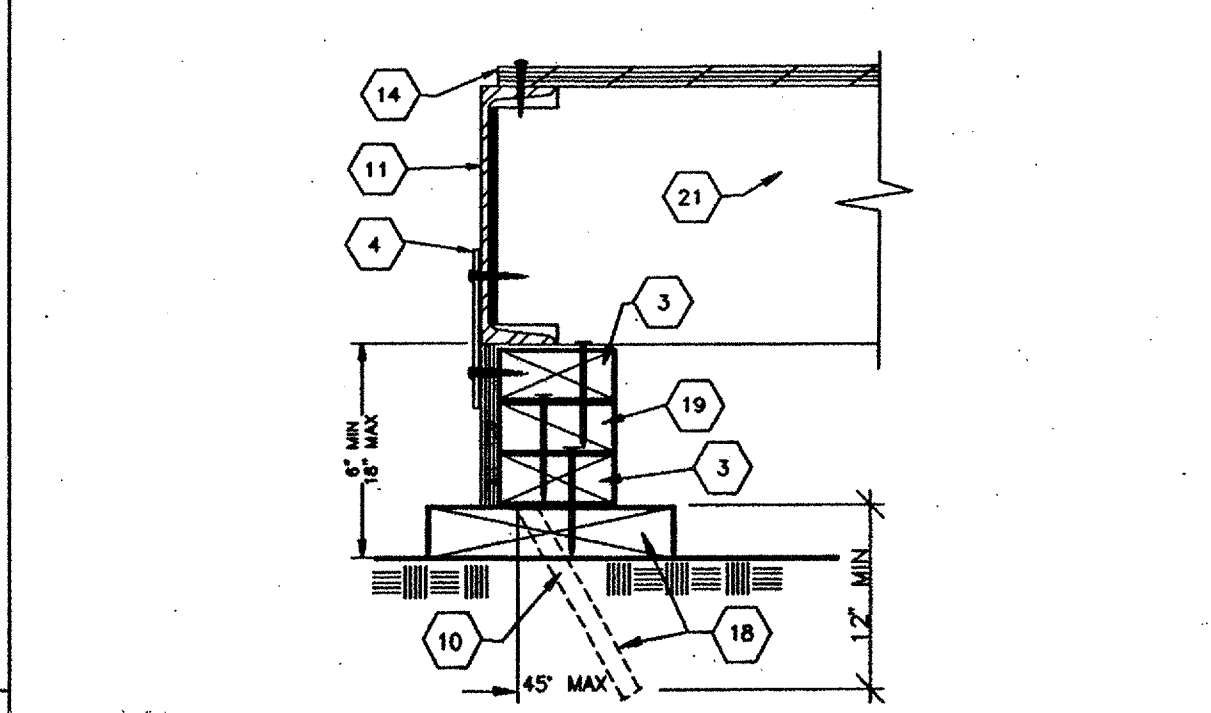
FOUNDATION AT MOD LINE



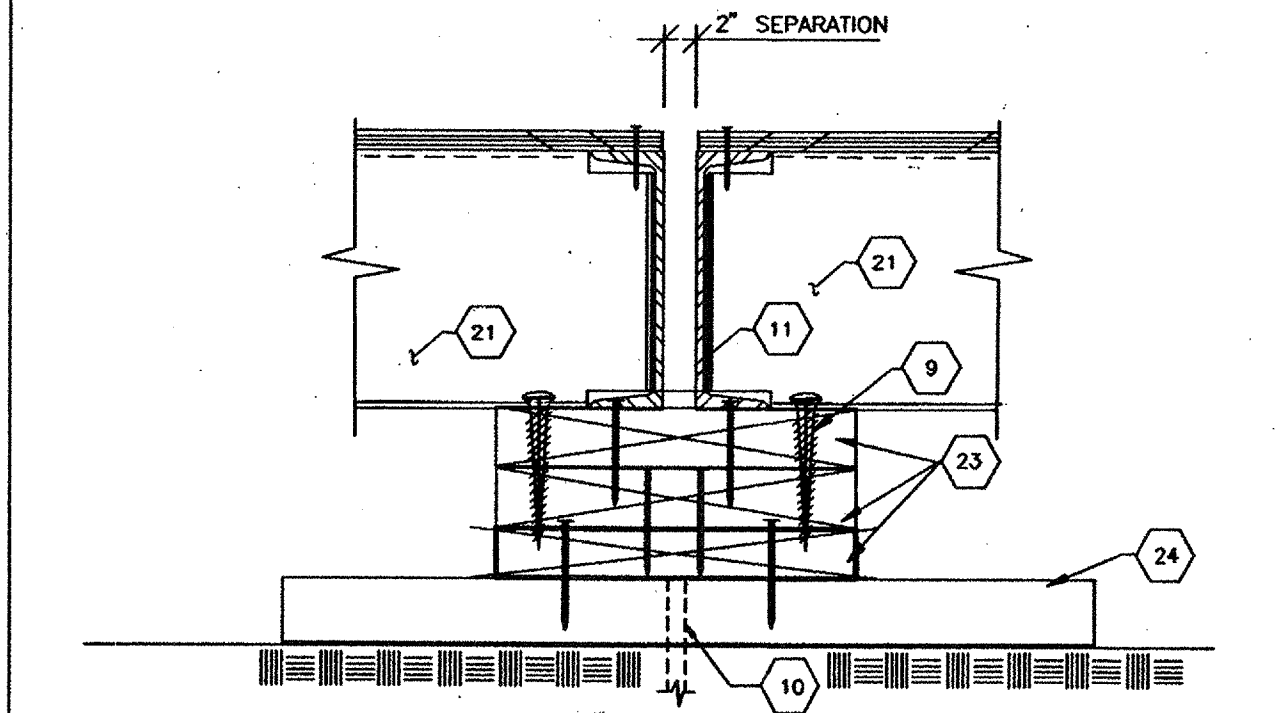
FOUNDATION VENTING



SHIMMING AND SKIRTING (SIDEWALL SHOWN)



FOUNDATION AT ENDWALL



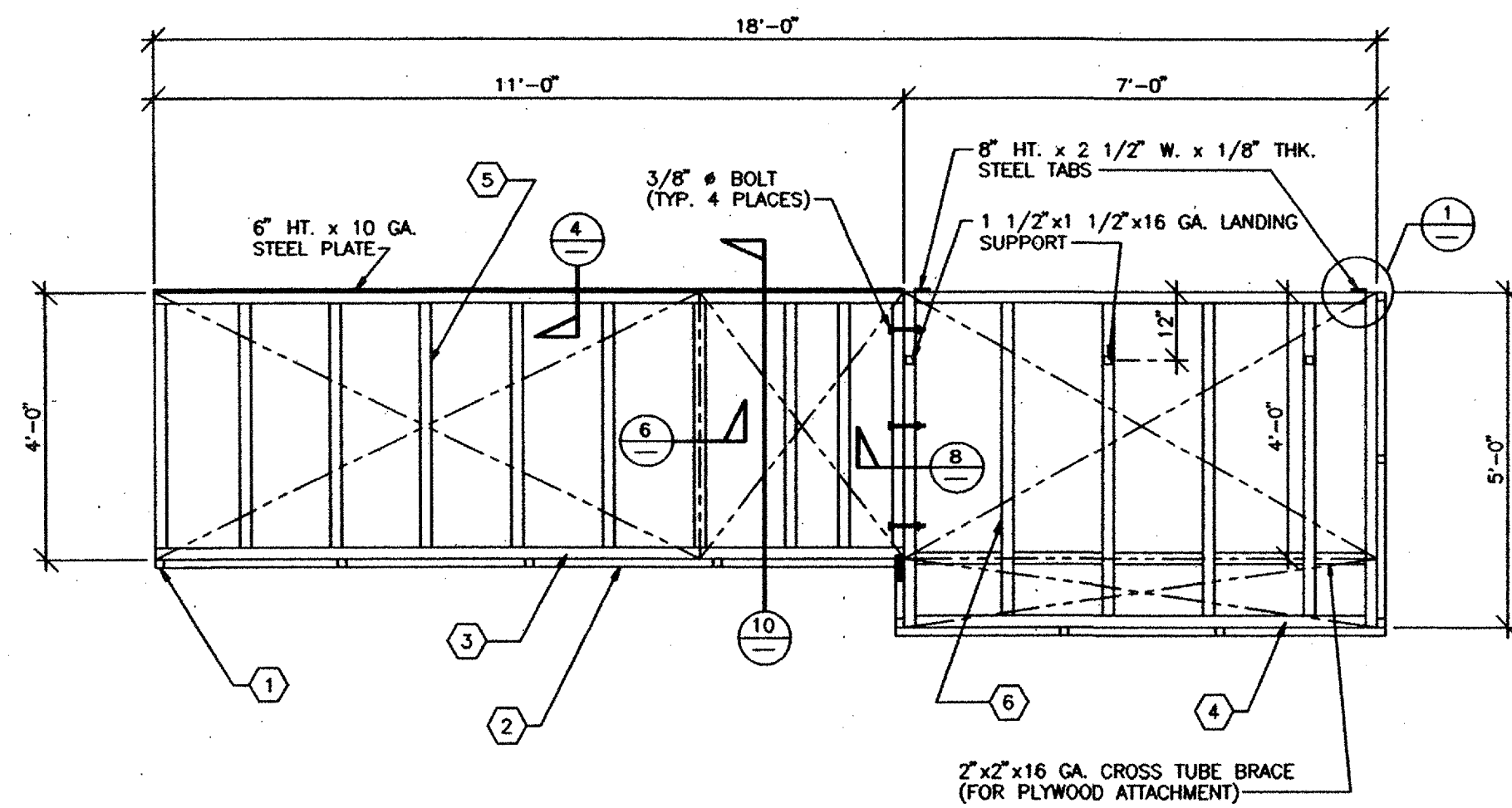
COMMON PAD

SCHEDULE 1
LAG SCHEDULE-20 PSF ROOF

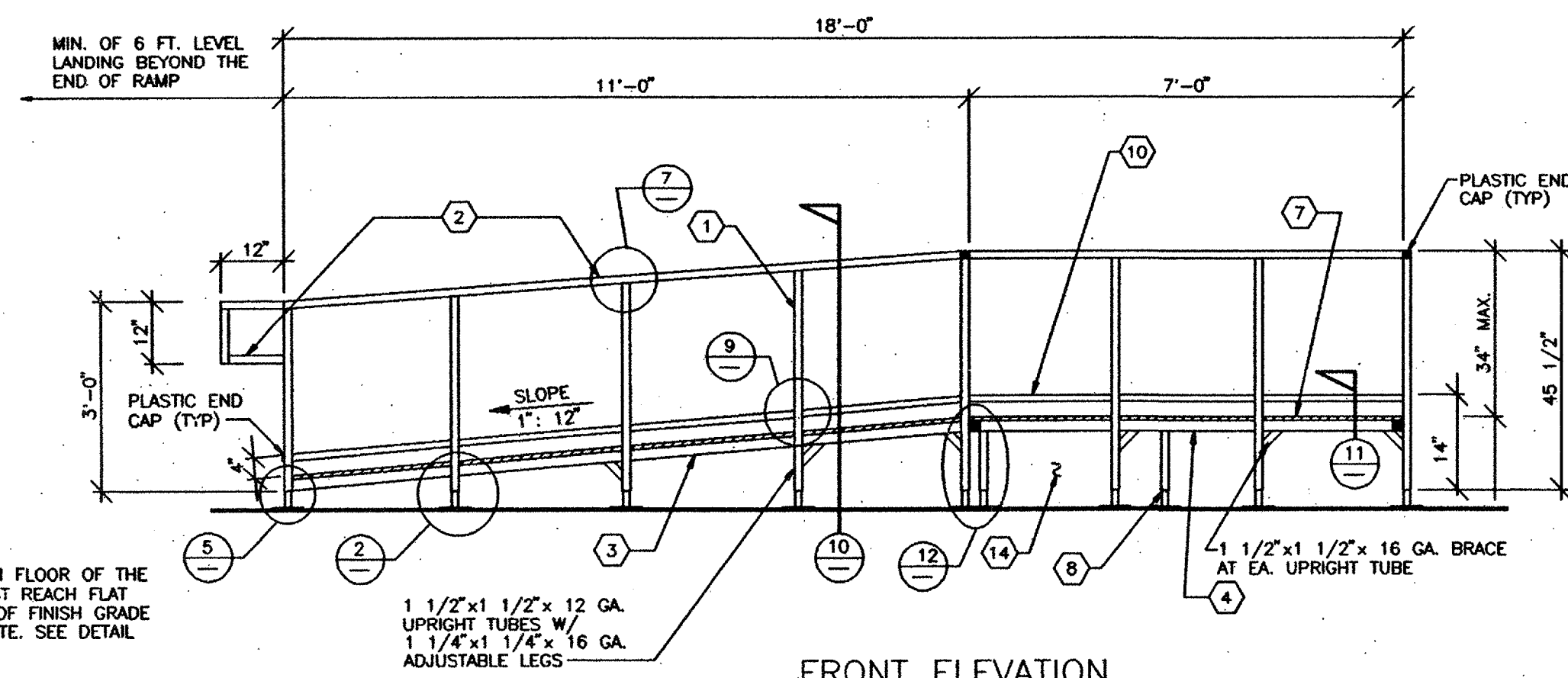
BUILDING SIZE	FLOOR LOAD	LAG BOLTS AT EA. BUILDING	REQUIRED VENTS PER BUILDING (SQ.FT.) *
24'x40'	50 PSF	4	6.4
36'x40'	50 PSF	4	9.6
48'x40'	50 PSF	6	12.8

SCHEDULE 2
FACE PLATE SCHEDULE-20 PSF ROOF

BUILDING SIZE	FLOOR LOAD	FACE PLATES AT SIDES	FACE PLATES AT ENDS	TOTAL
24'x40'	50 PSF	4	7	22
36'x40'	50 PSF	5	6	22
48'x40'	50 PSF	7	7	28

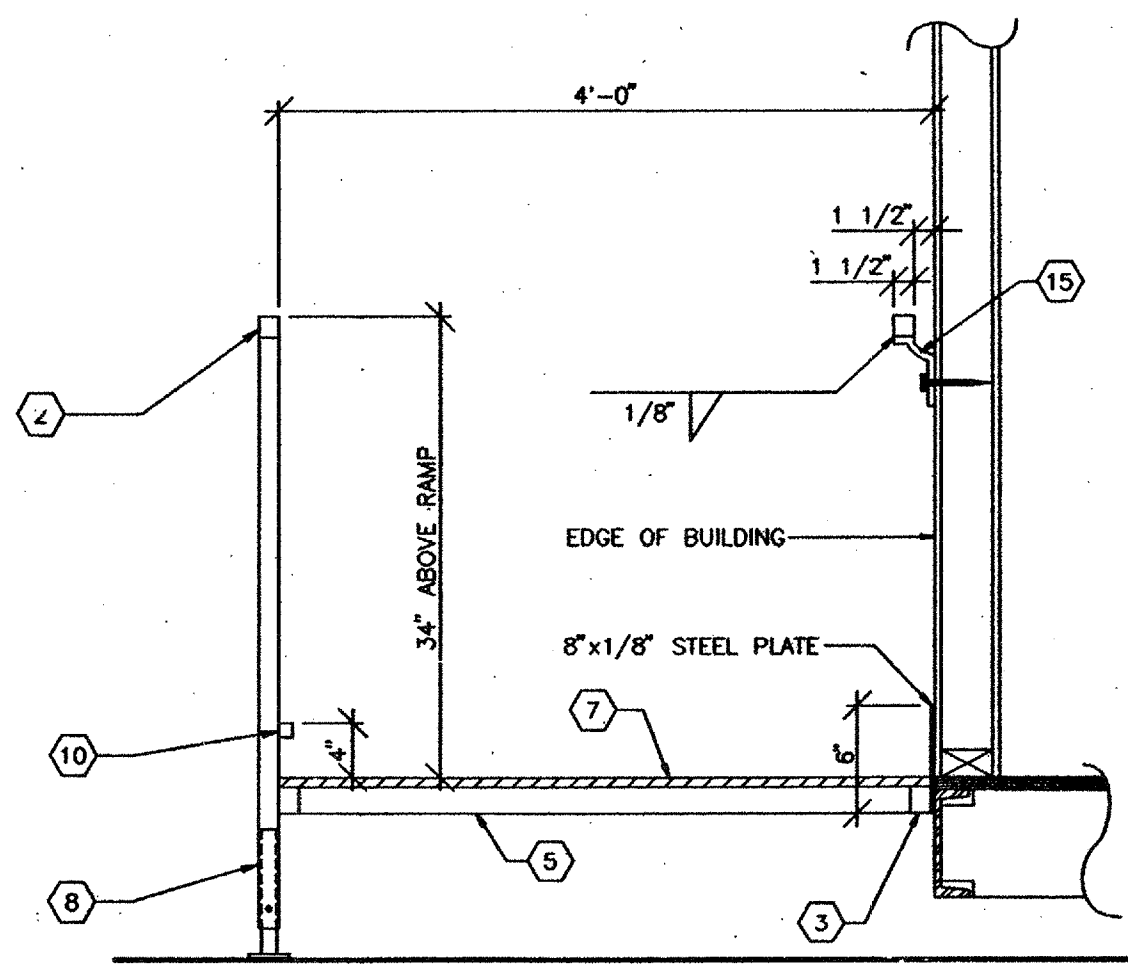


FRAMING PLAN
SCALE: 1/2" = 1'-0"



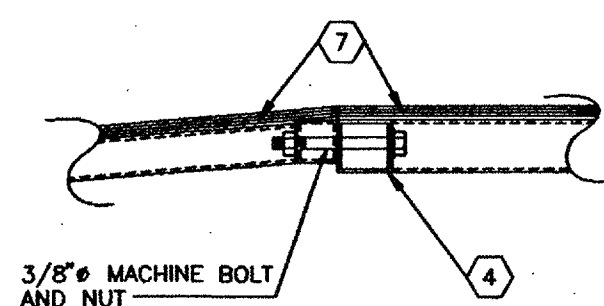
FRONT ELEVATION
SCALE: 1/2" = 1'-0"

THE FINISH FLOOR OF THE RAMP MUST REACH FLAT SURFACE 1/2" FINISH GRADE OF THE SITE. SEE DETAIL 3 AND 5.



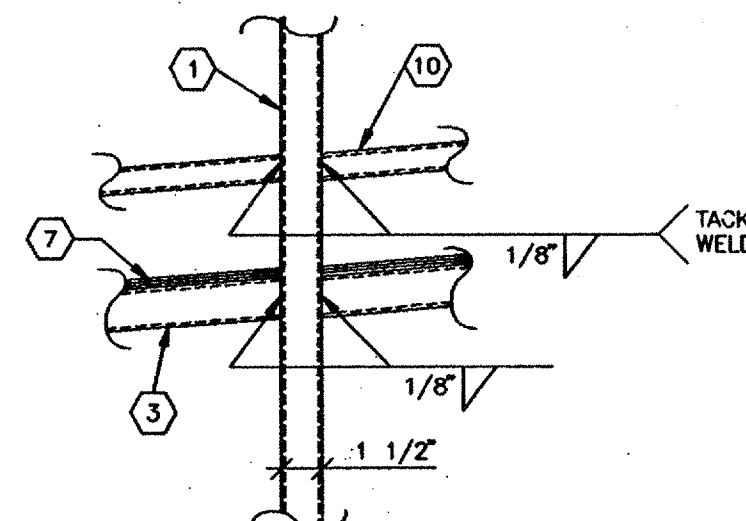
SECTION AT RAMP

10



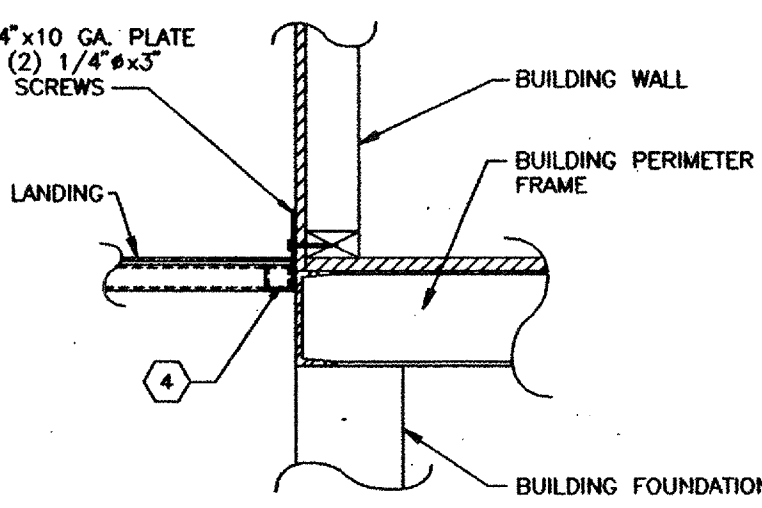
RAMP / LANDING TRANSITION

8



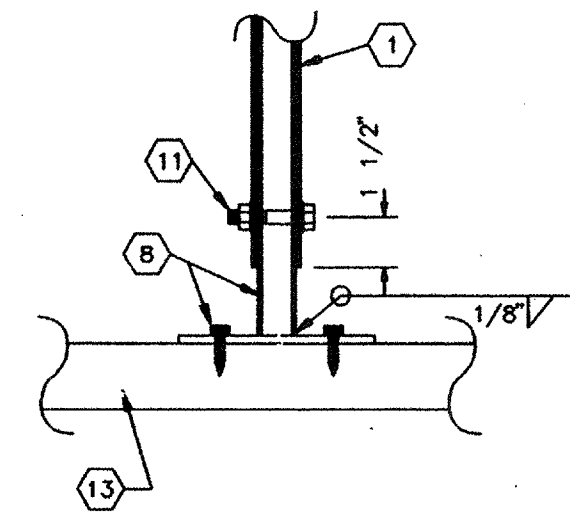
VERTICAL POST CONN.

9



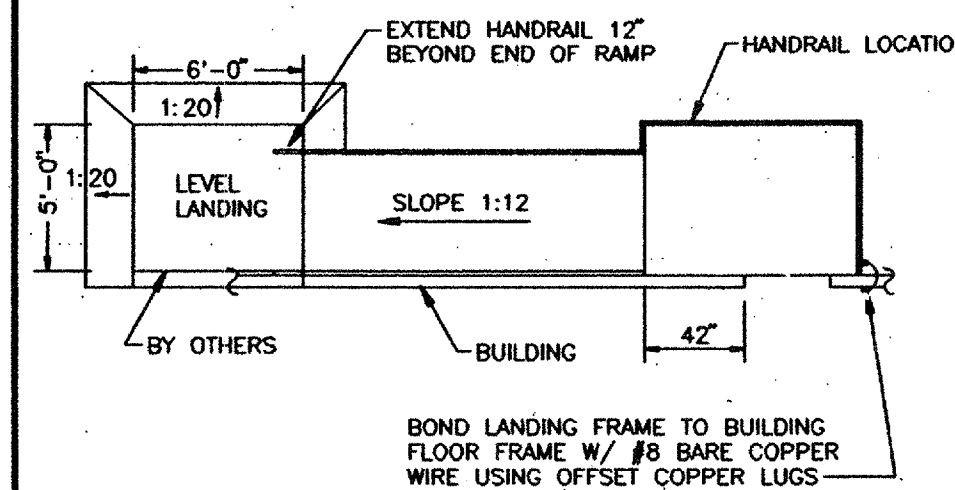
LANDING TO BUILDING

1



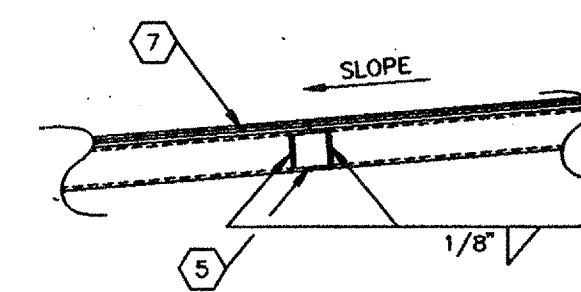
BASE

2



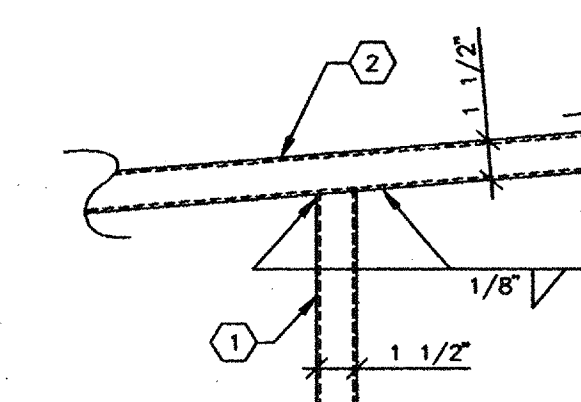
HANDRAIL LOCATIONS

3



DECK & JOIST CONN.

6

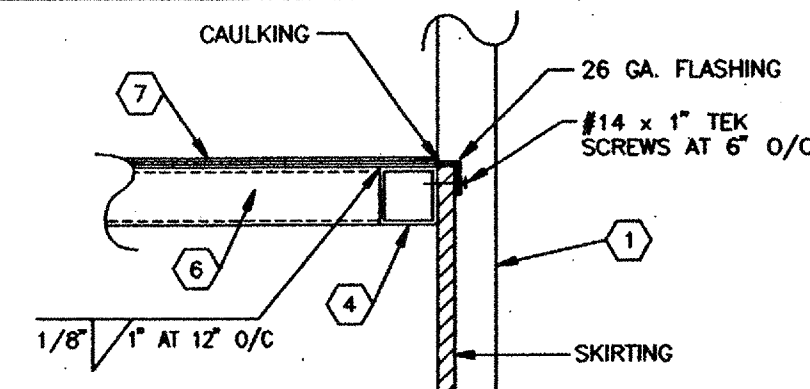


POST TO HANDRAIL

7

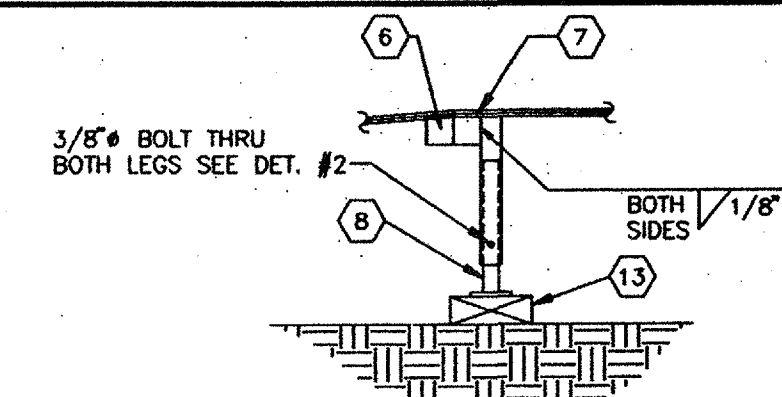
KEY NOTES

1. UPRIGHT TUBE - 1 1/2" x 1 1/2" x 12 GA. SQ. TUBE. (Fy = 39 ksi)
2. HANDRAIL TUBE - 1 1/2" x 1 1/2" x 16 GA. SQ. TUBE. (Fy = 39 ksi)
3. RAMP PERIMETER TUBE - 1 1/2" x 1 1/2" x 16 GA. SQ. TUBE
4. LANDING PERIMETER TUBE - 2" x 2" x 16 GA. SQ. TUBE
5. RAMP CROSS TUBE - 1 1/2" x 1 1/2" x 16 GA. SQ. TUBE
6. LANDING CROSS TUBE - 2" x 2" x 16 GA. SQ. TUBE
7. 3/4" PLYWOOD DECK W/ NON SKID SURFACE (TUF TREAD OR EQUAL)
8. ADJUSTABLE LEGS - 1 1/4" x 1 1/4" 16 GA. SQ. TUBE W/ 3/8" x 1/4" THK. BASE PLATE WELDED TO LEG BASE PLATE TO HAVE (2) 5/16" HOLES FOR 1/4" LAG BOLTS.
9. SUPPORT PLATE - 1 1/4" x 1/8" THICK PLATE
10. WHEELCHAIR RAIL - 1" x 1" SQ. TUBE TACK WELDED TO UPRIGHT MEMBERS.
11. 3/8" DIA. MACHINE BOLTS.
12. 6" x 10" x 10 GA. PLATE W/ (2) 1/4" x 3/8" LAG SCREWS.
13. CONT. SILL PLATE 2x6 P.T.H.F.
14. SKIRTING - SAME AS BUILDING FINISH
15. HANDRAIL MOUNTING BRACKET W/ 3/8" x 3/8" LAG BOLT TO STUD OR BLOCK.
16. DRIVE 1" DIA. x 15" G.I. PIPE AT 10'-0" MAX. DRILL SILL PLATE 1 1/2" DIA. MAX. HOLE. PIPE MAY BE DRIVEN AT A MAX. OF 45° ANGLE W/ VERTICAL.
17. THE STRENGTH OF STEEL TUBES IS 46000 PSI OR HIGHER.



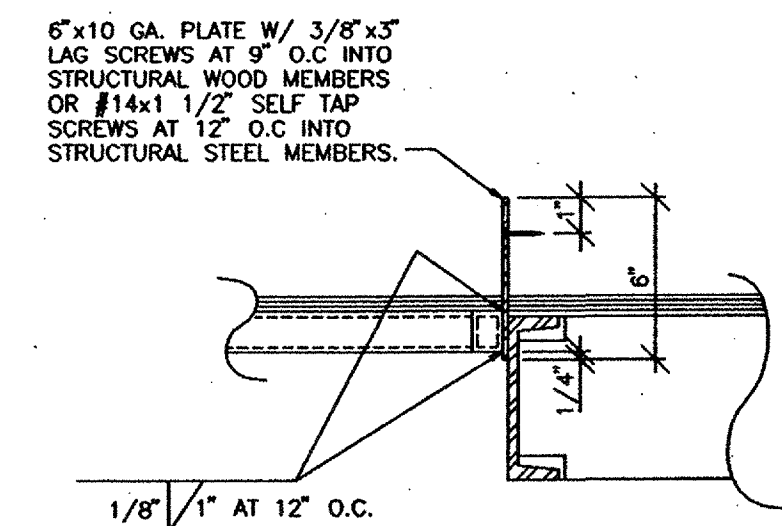
SKIRT FLASHING

11



BASE LEG

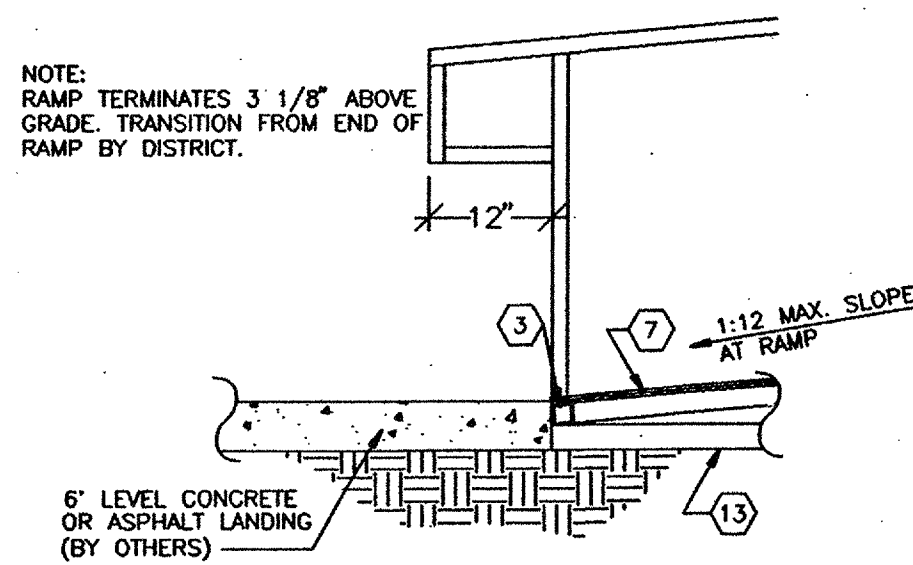
12



RAMP TO BUILDING

4

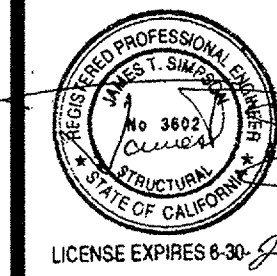
NOTE: RAMP TERMINATES 3 1/8" ABOVE GRADE. TRANSITION FROM END OF RAMP BY DISTRICT.



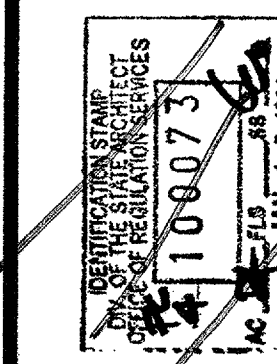
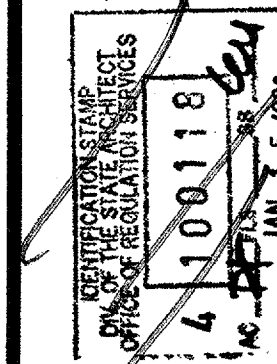
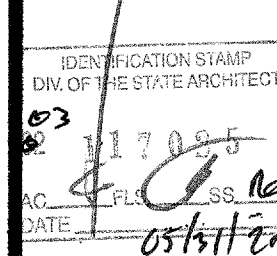
CONC. LANDING TO RAMP

5

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LICENSE EXPIRES 8-30-2000



#110

ARCHITECT APPROVAL

STRUCTURAL ENGINEERS STAMP

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

STATE AGENCY APPROVAL

MSI
MODULAR STRUCTURES INTERNATIONAL, INC.
290 CROSS CREEK DRIVE, CALIFORNIA 92601
PHONE: (909) 789-3055 FAX: (909) 789-1923

PROJECT
24'x40', 36'x40', & 48'x40'
MODULAR CLASSROOM BUILDING

TITLE
RAMP & LANDING PLANS & DETAILS

DATE 1-9-98
DRAWN BY R.D.L.
SCALE NONE
APPROVED
REVISIONS

SHEET NO.
R-1

PC-100073

MODULAR CLASSROOM BUILDINGS

CLASS LEASING INC

BUILDING SIZE: 24' x 40' - 100

STOCKPILE # 70

EXPANDABLE TO ~~44'~~ x 40'

PC 04-104801

#	ROOF SLOPE	SERIAL #	JOB #
15-	MONO	47728-01/02 to 47742-01/02	#4667
3-	MONO	47777-01/02 to 47779-01/02	#4438
1-	MONO	48018-01/02	#4754
21-	MONO	48923-01/02 to 48943-01/02	#5100
1-	MONO	47893-01/02	#4438
1-	DUAL	48821-01/02	#5063
8-	DUAL	49689-01/02 to 49696-01/02	#5355
4-	DUAL	49988-01/02 to 49991-01/02	#5342
6-	DUAL	50705-01/02 to 50710-01/02	#5550
10-	MONO	50884-01/02 to 50893-01/02	#5584
1-	DUAL	50922-01/02 w/TR OPTION	#5602
10-	DUAL	51216-01/02 to 51225-01/02	#5677

CLASS LEASING LLC 2015 - STOCKPILE

ALL WORK SHALL CONFORM TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CHANGE ORDER APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR.

A PROJECT INSPECTOR EMPLOYED BY THE OWNER AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

THIS BUILDING SHALL NOT BE USED FOR A2.1 OCCUPANCY. COMPLIANCE WITH CLIMATE ZONES 1-18 THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.

AS ALTERNATE FOR ALL SHOT PIN ATTACHMENTS, USE #10 S.T.M.S. AT THE SAME SPACING.

#10 USE MAX. 3/8" MATERIAL
#12 USE MAX. 1/2" MATERIAL

ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F, AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION.

BUILDING CODES AND STANDARDS

2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
2001 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1, 2, AND 3 (PART 2, TITLE 24, CCR) (1997 EDITION UNIFORM BUILDING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA ELECTRICAL CODE (CEC), (PART 3, TITLE 24, CCR) (1999 EDITION NATIONAL ELECTRICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA MECHANICAL CODE (CMC), (PART 4, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA PLUMBING CODE (CPC), (PART 5, TITLE 24, CCR) (2000 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2001 CALIFORNIA AMENDMENTS)
2001 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
2001 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)
2001 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
2001 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
NFPA 13, 1999 ED, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
NFPA 14, 2000 ED, INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
NFPA 24, 1995 ED, INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
NFPA 72, 1999 ED, NATIONAL FIRE ALARM CODE, AS AMENDED

WITH THE SIGNING OF THESE DRAWINGS, WE ACKNOWLEDGE THAT WE HAVE REVIEWED THESE PLANS AND SPECIFICATIONS AND HAVE FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDA. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DIVISION OF THE STATE ARCHITECT, THEY SHALL PRESEDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDA THERETO.

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MODTECHTM INC.

2830 BARRETT AVENUE PH (909) 943-4014
PERRIS, CALIF. 92571 FAX (909) 940-0427

BUILDING DATA

STRUCTURAL DESIGN: ORDINARY MOMENT RESISTANT FRAME
TYPE OF CONSTRUCTION: V-N
WIND LOAD (EXP C): 80 MPH
SEISMIC ZONE 4, SEISMIC SOURCE TYPE A, DISTANCE < 1.25 MILES
Z = .4 I = 1.0 Cv = 1.28 Nv = 2.0
R = 4.5 Co = 0.66 Na = 1.5 SOIL TYPE = S_D
FLOOR LIVE LOAD: 50 PSF, 50+20 PSF, 100 PSF, 125 PSF, STIFFENED
ROOF LIVE LOAD: 20 PSF
OCCUPANCY: 24'x40' CLASSROOM: E-2
BUILDING AREA: 24'x40' BUILDING - 960 SF
THIS BUILDING SHALL NOT BE USED FOR A2.1 OCCUPANCY. COMPLIANCE WITH CLIMATE ZONES 1-18 THIS PC IS DESIGNED STRUCTURALLY TO SUPPORT THE WEIGHT OF A FIRE SPRINKLER SYSTEM.

LEGEND

SYMBOL	DESCRIPTION
(1)	DETAIL-1 ON SAME SHEET AS SYMBOL
(1/F2)	DETAIL-1 ON SHEET F2.
(A/S2)	SECTION-A ON SHEET S2.
[1]	KEY NOTE (ON SAME SHEET AS SYMBOL)
△	REVISION IN DRAWING
CLOUD	HIGHLIGHTS REVISED AREA
2	DOOR REFERENCE
A	WINDOW REFERENCE
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE, SHEET A5.01
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE PLUMBING DRAWINGS
HV	HEATING, VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
RAMP	RAMP - SEE RAMP DRAWINGS

ABBREVIATIONS

AGC	= ABOVE GRADE CONCRETE
BGC	= BELOW GRADE CONCRETE
CLR	= CLEAR
DIA, ϕ	= DIAMETER
GA	= GAUGE
ID	= INSIDE DIAMETER, IDENTIFICATION
MAX	= MAXIMUM
MIN	= MINIMUM
NIC	= NOT IN CONTRACT
NTS	= NOT TO SCALE
OC	= ON CENTER
OD	= OUTSIDE DIAMETER
OSB	= ORIENTED STRAND BOARD
ROH	= ROOF OVERHANG
SHT	= SHEET
SIM	= SIMILAR
STS	= SELF TAPPING SCREW
STSMS	= SELF TAPPING SHEET METAL SCREW
TYP	= TYPICAL
UNO, UNO	= UNLESS OTHERWISE NOTED
WIC	= WOODWORK INSTITUTE OF CALIFORNIA

SHEET INDEX MONO SLOPE

ARCHITECTURAL SITE SET-UP

A0.01 COVER SHEET

A1.01 FLOOR PLAN
~~A1.02 FLOOR PLAN (12 LIGHTS)~~
~~A1.03 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.04 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.05 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.06 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.07 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.08 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.09 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.10 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.11 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.12 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.13 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.14 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.15 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.16 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.17 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.18 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.19 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.20 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.21 REFLECTED CEILING PLAN (12 LIGHTS)~~
~~A1.22 REFLECTED CEILING PLAN (12 LIGHTS)~~

A4.01 EXTERIOR ELEVATIONS - 26 GA/DUAL PITCH
A4.02 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.03 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.04 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.05 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.06 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.07 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.08 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.09 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.10 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.11 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.12 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.13 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.14 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.15 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.16 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.17 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.18 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.19 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.20 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.21 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH
A4.22 EXTERIOR ELEVATIONS - 26 GA/MONO PITCH

STRUCTURAL

CLASS LEASING LLC PC 04-113778 RELOCATION
F1.0 COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX
F2.0 24X40 80 PSF FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD

F1.01 FOUNDATION PLAN (12 LIGHTS)
F1.02 FOUNDATION PLAN (12 LIGHTS)
F1.03 FOUNDATION PLAN (12 LIGHTS)
F1.04 FOUNDATION PLAN (12 LIGHTS)
F1.05 FOUNDATION PLAN (12 LIGHTS)
F1.06 FOUNDATION PLAN (12 LIGHTS)
F1.07 FOUNDATION PLAN (12 LIGHTS)
F1.08 FOUNDATION PLAN (12 LIGHTS)
F1.09 FOUNDATION PLAN (12 LIGHTS)
F1.10 FOUNDATION PLAN (12 LIGHTS)
F1.11 FOUNDATION PLAN (12 LIGHTS)
F1.12 FOUNDATION PLAN (12 LIGHTS)
F1.13 FOUNDATION PLAN (12 LIGHTS)
F1.14 FOUNDATION PLAN (12 LIGHTS)
F1.15 FOUNDATION PLAN (12 LIGHTS)
F1.16 FOUNDATION PLAN (12 LIGHTS)
F1.17 FOUNDATION PLAN (12 LIGHTS)
F1.18 FOUNDATION PLAN (12 LIGHTS)
F1.19 FOUNDATION PLAN (12 LIGHTS)
F1.20 FOUNDATION PLAN (12 LIGHTS)
F1.21 FOUNDATION PLAN (12 LIGHTS)
F1.22 FOUNDATION PLAN (12 LIGHTS)
F2.01 FOUNDATION PLAN (12 LIGHTS)
F2.02 FOUNDATION PLAN (12 LIGHTS)
F2.03 FOUNDATION PLAN (12 LIGHTS)
F2.04 FOUNDATION PLAN (12 LIGHTS)
F2.05 FOUNDATION PLAN (12 LIGHTS)
F2.06 FOUNDATION PLAN (12 LIGHTS)
F2.07 FOUNDATION PLAN (12 LIGHTS)
F2.08 FOUNDATION PLAN (12 LIGHTS)
F2.09 FOUNDATION PLAN (12 LIGHTS)
F2.10 FOUNDATION PLAN (12 LIGHTS)
F2.11 FOUNDATION PLAN (12 LIGHTS)
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F2.13 FOUNDATION PLAN (12 LIGHTS)
F2.14 FOUNDATION PLAN (12 LIGHTS)
F2.15 FOUNDATION PLAN (12 LIGHTS)
F2.16 FOUNDATION PLAN (12 LIGHTS)
F2.17 FOUNDATION PLAN (12 LIGHTS)
F2.18 FOUNDATION PLAN (12 LIGHTS)
F2.19 FOUNDATION PLAN (12 LIGHTS)
F2.20 FOUNDATION PLAN (12 LIGHTS)
F2.21 FOUNDATION PLAN (12 LIGHTS)
F2.22 FOUNDATION PLAN (12 LIGHTS)

MECHANICAL

M1.0 MECHANICAL PLAN (12 LIGHTS)
M1.01 MECHANICAL PLAN (12 LIGHTS)
M1.02 MECHANICAL PLAN (12 LIGHTS)
M1.03 MECHANICAL PLAN (12 LIGHTS)
M1.04 MECHANICAL PLAN (12 LIGHTS)
M1.05 MECHANICAL PLAN (12 LIGHTS)
M1.06 MECHANICAL PLAN (12 LIGHTS)
M1.07 MECHANICAL PLAN (12 LIGHTS)
M1.08 MECHANICAL PLAN (12 LIGHTS)
M1.09 MECHANICAL PLAN (12 LIGHTS)
M1.10 MECHANICAL PLAN (12 LIGHTS)
M1.11 MECHANICAL PLAN (12 LIGHTS)
M1.12 MECHANICAL PLAN (12 LIGHTS)
M1.13 MECHANICAL PLAN (12 LIGHTS)
M1.14 MECHANICAL PLAN (12 LIGHTS)
M1.15 MECHANICAL PLAN (12 LIGHTS)
M1.16 MECHANICAL PLAN (12 LIGHTS)
M1.17 MECHANICAL PLAN (12 LIGHTS)
M1.18 MECHANICAL PLAN (12 LIGHTS)
M1.19 MECHANICAL PLAN (12 LIGHTS)
M1.20 MECHANICAL PLAN (12 LIGHTS)
M1.21 MECHANICAL PLAN (12 LIGHTS)
M1.22 MECHANICAL PLAN (12 LIGHTS)

ELECTRICAL

E1.01 ELECTRICAL PLAN (12 LIGHTS)
E1.02 ELECTRICAL PLAN (12 LIGHTS)
E1.03 ELECTRICAL PLAN (12 LIGHTS)
E1.04 ELECTRICAL PLAN (12 LIGHTS)
E1.05 ELECTRICAL PLAN (12 LIGHTS)
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E1.07 ELECTRICAL PLAN (12 LIGHTS)
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E1.10 ELECTRICAL PLAN (12 LIGHTS)
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E1.14 ELECTRICAL PLAN (12 LIGHTS)
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E1.16 ELECTRICAL PLAN (12 LIGHTS)
E1.17 ELECTRICAL PLAN (12 LIGHTS)
E1.18 ELECTRICAL PLAN (12 LIGHTS)
E1.19 ELECTRICAL PLAN (12 LIGHTS)
E1.20 ELECTRICAL PLAN (12 LIGHTS)
E1.21 ELECTRICAL PLAN (12 LIGHTS)
E1.22 ELECTRICAL PLAN (12 LIGHTS)

PLUMBING

P1.01 PLUMBING PLAN AND DETAILS
P1.02 PLUMBING PLAN AND DETAILS
P1.03 PLUMBING PLAN AND DETAILS
P1.04 PLUMBING PLAN AND DETAILS
P1.05 PLUMBING PLAN AND DETAILS
P1.06 PLUMBING PLAN AND DETAILS
P1.07 PLUMBING PLAN AND DETAILS
P1.08 PLUMBING PLAN AND DETAILS
P1.09 PLUMBING PLAN AND DETAILS
P1.10 PLUMBING PLAN AND DETAILS
P1.11 PLUMBING PLAN AND DETAILS
P1.12 PLUMBING PLAN AND DETAILS
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P1.22 PLUMBING PLAN AND DETAILS

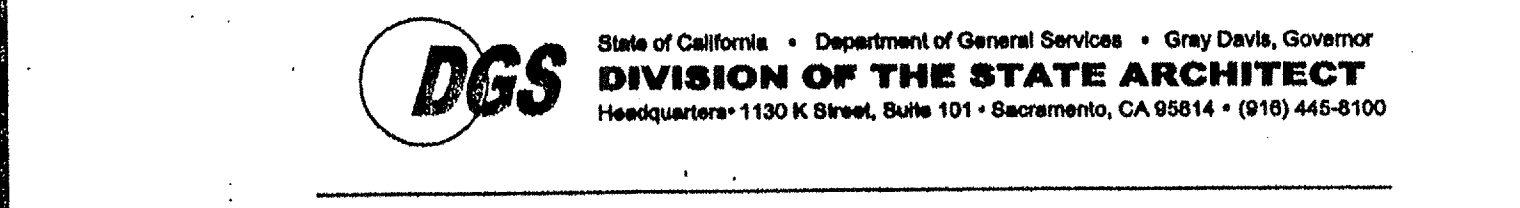
RAMP

R1.01 4 FOOT RAMP/LANDING PLAN
R1.02 RAMP/STAIRS DETAILS
R1.03 RAMP/STAIRS DETAILS
R1.04 RAMP/STAIRS DETAILS
R1.05 RAMP/STAIRS DETAILS
R1.06 RAMP/STAIRS DETAILS
R1.07 RAMP/STAIRS DETAILS
R1.08 RAMP/STAIRS DETAILS
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R1.19 RAMP/STAIRS DETAILS
R1.20 RAMP/STAIRS DETAILS
R1.21 RAMP/STAIRS DETAILS
R1.22 RAMP/STAIRS DETAILS

PROJECT NUMBER: 4012-125

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CLASS LEASING INC STOCKPILE # 70
100-24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY: [Signature]
DATE: [Signature]
MODTECH Index No. A0.01



STRUCTURAL TESTS AND INSPECTIONS

Name: _____ Date: _____ File Number: _____
Director/Owner: _____ Application Number: _____
Architect: _____
Structural Engineer: _____

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

COMPACTED FILL	Concrete	Gunita	Grout	Mortar
<input type="checkbox"/> Fill material, acceptance tests				
<input type="checkbox"/> Compaction control, continuous				
<input type="checkbox"/> Compaction tests only as ordered				
<input type="checkbox"/> Bearing capacity of compacted fill				
<input type="checkbox"/> Shear capacity of compacted fill				
<input type="checkbox"/> Mix designs				
<input type="checkbox"/> Inspect piling				
<input type="checkbox"/> Sample and test bar steel				
<input type="checkbox"/> Sample and test mesh				
<input type="checkbox"/> Inspect piling at job				
<input type="checkbox"/> Sample delivered to laboratory				
<input type="checkbox"/> Deliver sample forms to job site				
<input type="checkbox"/> Sample and test cement				
<input type="checkbox"/> Shop fabrication inspection				
<input type="checkbox"/> Field erection inspection				
<input type="checkbox"/> Inspection of welds - Shop				
<input type="checkbox"/> Inspection of welds - Field				
<input type="checkbox"/> Inspection of riveting or bolting - Shop				
<input type="checkbox"/> Inspection of riveting or bolting - Field				
<input type="checkbox"/> Sample and test high strength bolts and washers				
<input type="checkbox"/> Volume change				
<input type="checkbox"/> Mix design: Concrete, Gunita, Mortar, or Grout				
<input type="checkbox"/> Material				
<input type="checkbox"/> Maximum Size				
<input type="checkbox"/> Compressive Strength, PSI, Minimum				
<input type="checkbox"/> Test only				
<input type="checkbox"/> Inspection of piling				
<input type="checkbox"/> Core drill samples				
<input type="checkbox"/> Fabrication inspection				
<input type="checkbox"/> Sample and test steel accessories				
<input type="checkbox"/> Inspection of steel accessories				
<input type="checkbox"/> List of structural steel members to be tested:				

ALL STEEL NOT PROPERLY IDENTIFIED PER CBC CHAPTER 22 (MILL CERTS)

Is this list continued on reverse? YES NO

Other tests and inspections, together with special instructions: **GRAND TEST**

Are these instructions continued on reverse? YES NO

Copies of reports to: **ARCHITECT OF RECORD**

By: _____

Authorized Representative

SSS 103-1 (Rev. 04-00)

REVISIONS

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DATE SIGNED: APR 26 2003

PC 04-104801

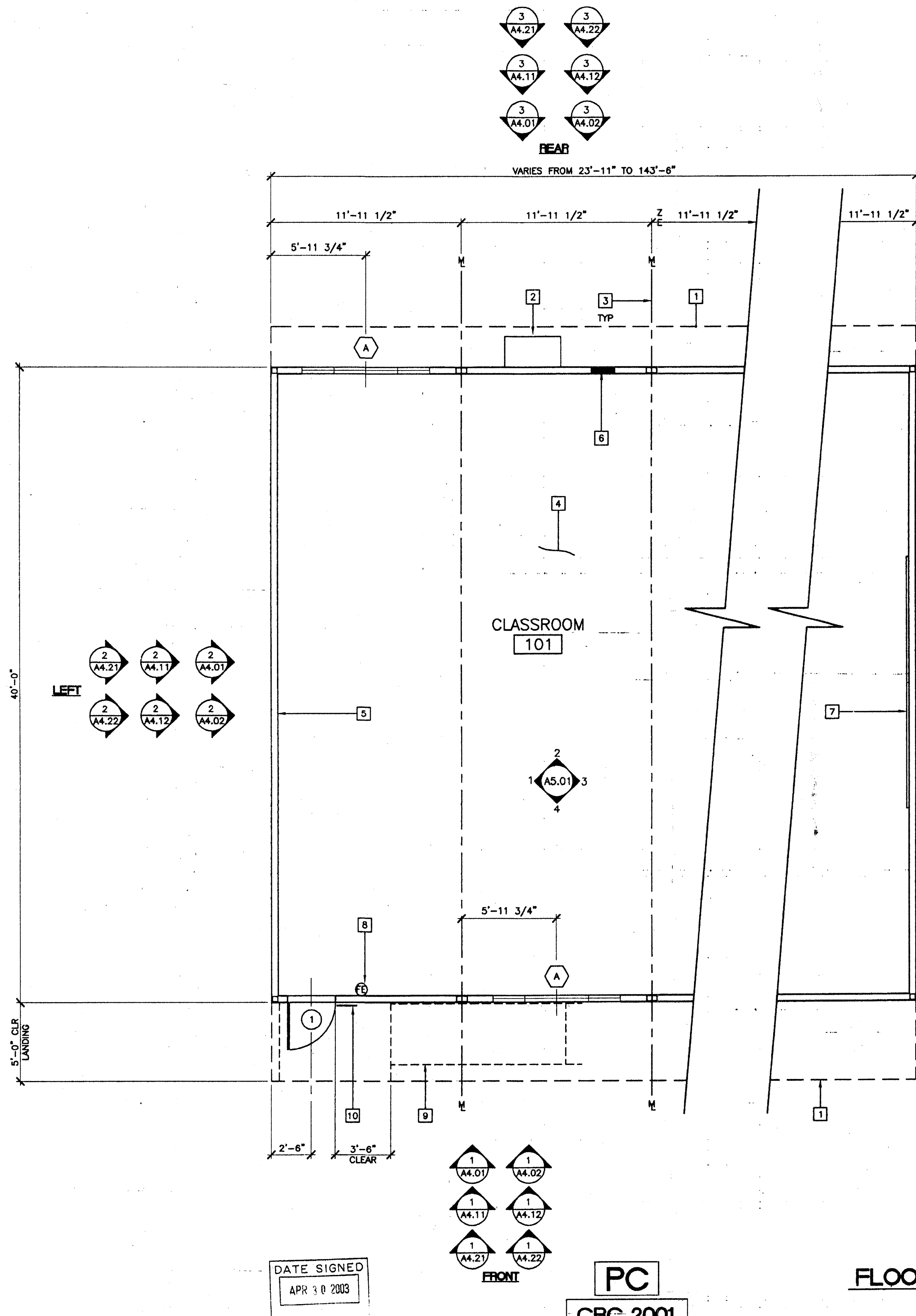
DATE: 5/24/03

PROJECT NUMBER: 4012-125

PROJECT NO. PC-04-104801

FILE PATH: 7440-40.01.DWG

FILE PATH: 2440-A1.01.DWG



KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT (HV)
- 3 MODLINE (M)
- 4 FINISH FLOORING (FIN)
- 5 INTERIOR FINISH (FIN)
- 6 ELECTRICAL PANEL (EL)
- 7 2- 8'x4' MARKER BOARDS (SEE SPECIFICATIONS FOR TYPE)
- 8 FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
- 9 RAMP/LANDING (RAMP) SEE SHEETS R1 - R4
- 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. SEE SHEET A6.01

NOTES

- 1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE. (1) LABEL AT REAR EXTERIOR AND (1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME. LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED AND EXPOSURE CATEGORY.
- 2. INSULATION MATERIALS INSTALLED WITHIN FLOOR/CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES OR ATTICS SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450. EXCEPTIONS:
 (1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2002
 (2) WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES III, IV, AND V CONSTRUCTION, THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH (CBC SECTION 707.3)
 (3) CELLULOSE LOOSE FILL INSULATION SHALL COMPLY WITH CPSC 16 CFR PARTS 1209 AND 1404
- 3. INTERIOR SIDE WALLS MAY BE LOCATED ON EITHER SIDE OF MODLINE
- 4. DISTRICT TO PROVIDE OCCUPANCY LOAD SIGN PER CBC 1007.2.6 PRIOR TO OCCUPANCY
- 5. ADEQUATE EXITS, EXIT WIDTH, AND SEPARATION OF EXITS SHALL BE PROVIDED AS REQUIRED BY CBC CHAPTER 10
- 6. PANIC HARDWARE IS REQUIRED WHEN THE CONFIGURATION OF ANY ROOM PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER PER CBC 1007.3.10

DATE SIGNED
APR 30 2003

PC
CBC 2001

FLOOR PLAN

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

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

04 105299
AC: [Signature] FLS: [Signature]
DATE: MAY 22 2003

4012-125

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architect's Seal	IDENTIFICATION STAMP	PROJECT NUMBER:	DATE:	DRAWN BY:	CHECKED BY:	DATE:

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal

Architect's Seal

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OFFICE OF REGULATION SERVICES

PC-04
104801
AC: [Signature] FLS: [Signature]
DATE: 5/12/03

MODTECH INC.
2830 BARRETT AVENUE PH (909) 943-4014
PERRIS, CALIF. 92571 FAX (909) 940-0427

PROJECT NUMBER: 4012-125

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CLASS LEASING INC STOCKPILE # 70
100-24 X 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

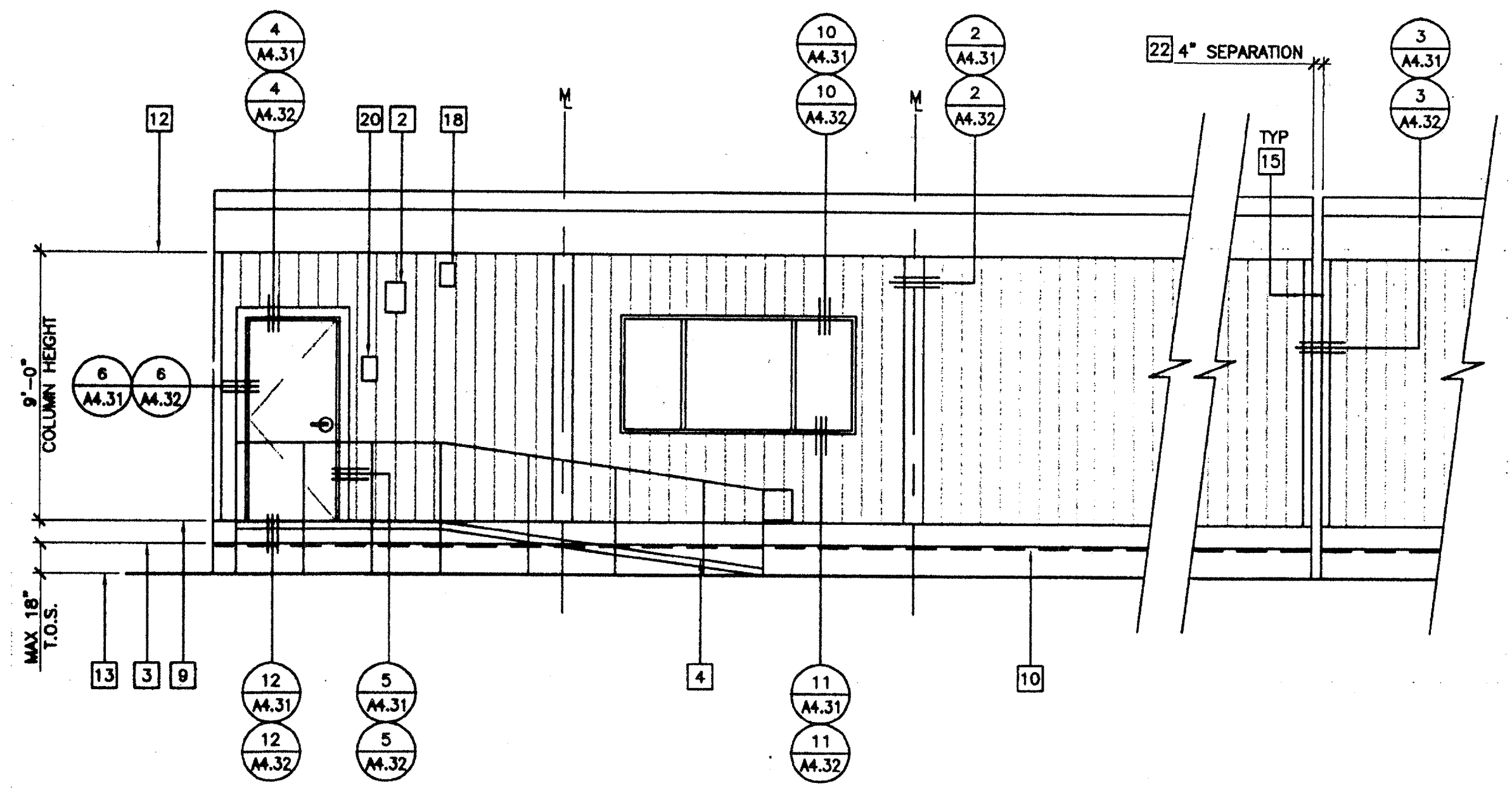
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DATE: 05-22-03

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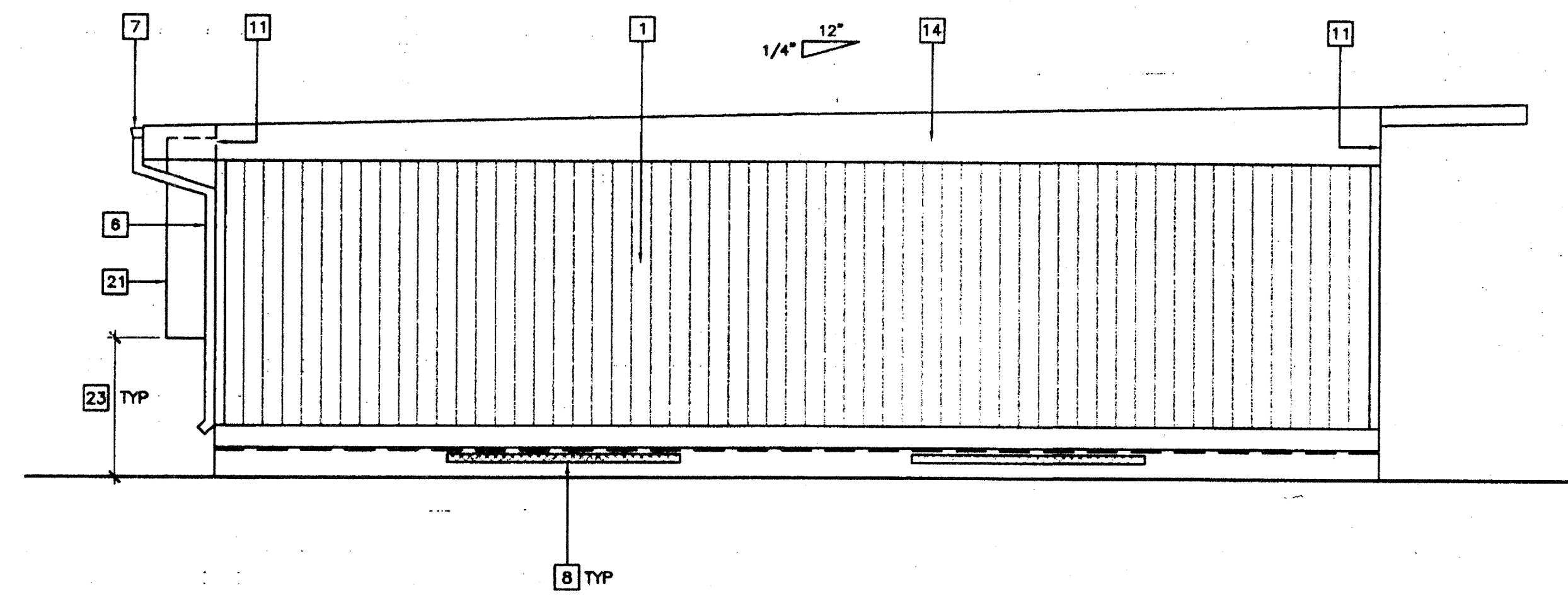
MODTECH Index No.
A1.01

PROJECT NO. PC-04-104801

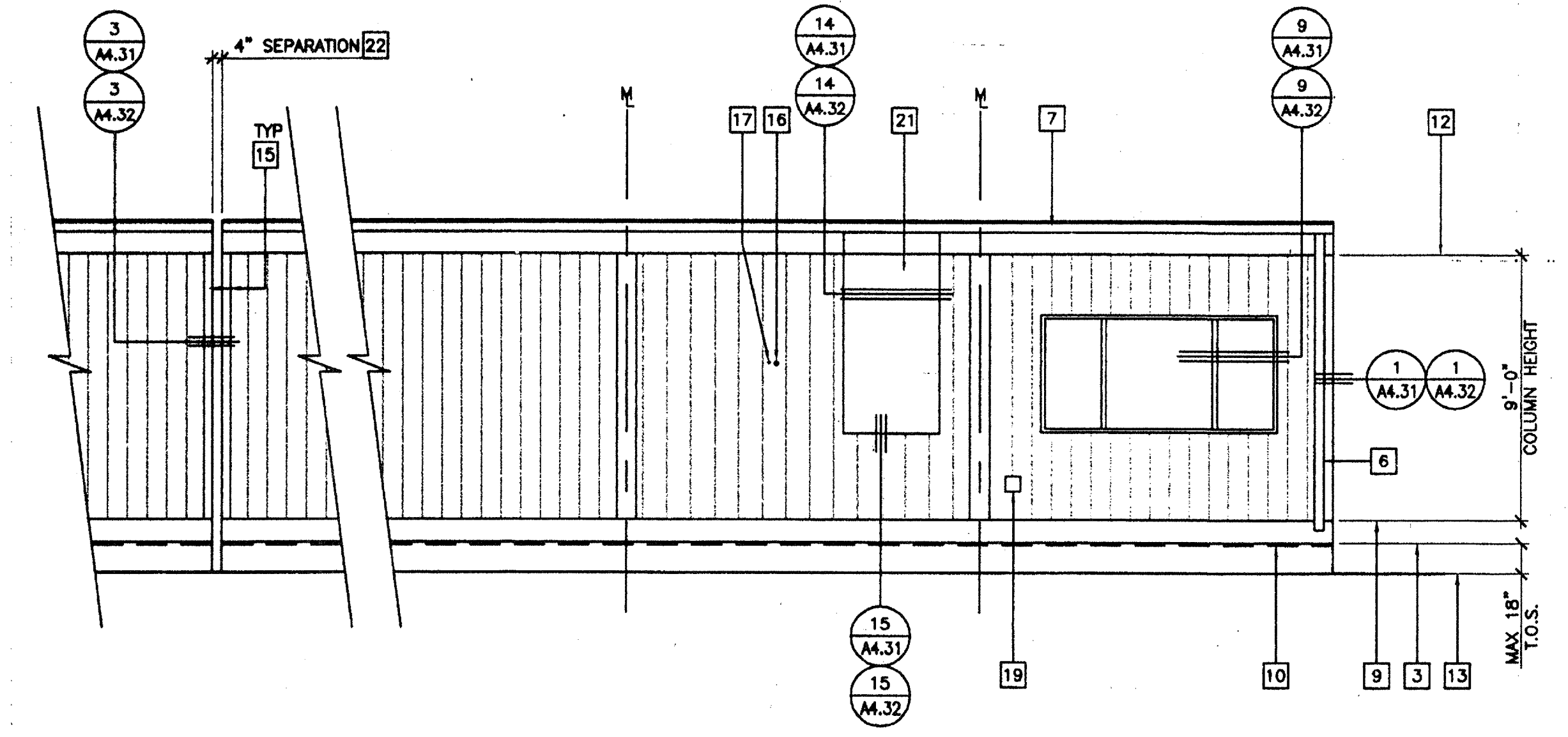
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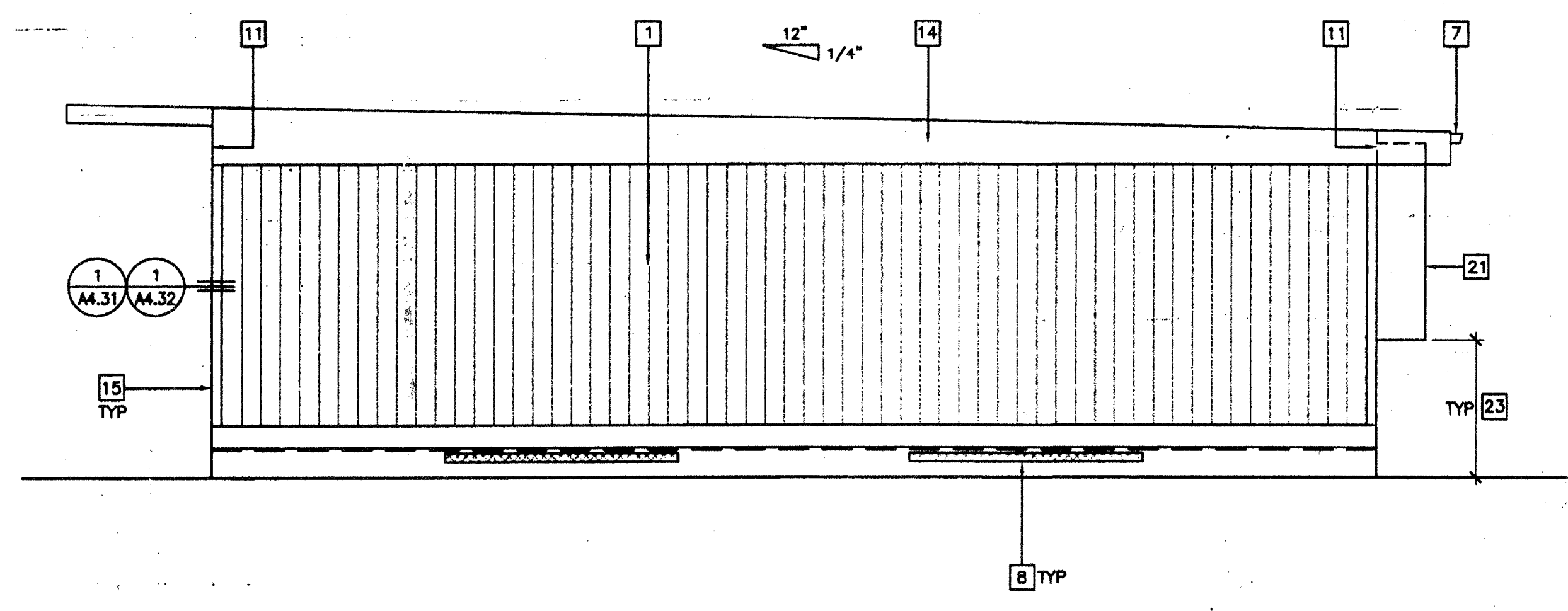
1 FRONT ELEVATION



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 (T.O.S.)
- 4 RAMP AND LANDING. SEE SHEETS R1 THRU R4 RAMP
- 5 NOT USED
- 6 DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN - A2)
- 8 FOUNDATION VENT (SEE FOUNDATION PLAN - F1)
- 9 FINISH FLOOR LINE
- 10 FLOOR BEAM (STR)
- 11 ROOF HEADER (STR)
- 12 TOP OF COLUMN
- 13 FINISH GRADE
- 14 ROOF BEAM (STR)
- 15 COLUMN (STR)
- 16 ELECTRICAL STUB-OUT (EL)
- 17 GROUND STUB-OUT (EL)
- 18 J-BOX FOR EXTERIOR FIRE ALARM HORN (EL)
- 19 GUTTER BOX (EL)
- 20 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. SEE SHEET A6.01
- 21 HVAC UNIT (HV)
- 22 4\"/>
- 23 IF HVAC UNIT IS LOCATED IN ANY PATH OF TRAVEL OR CIRCULATION AREA AND HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27\"/>

EXTERIOR FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH OPTIONS.
 STANDARD - 5/8\"/>

DATE SIGNED
APR 30 2003

PC
CBC 2001

EXTERIOR ELEVATIONS
26 GA/MONO PITCH
SCALE: 1/4\"/>

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OFFICE OF REGULATION SERVICES
04 105299
DATE MAY 2 2003

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	PC Professional of Record Seal	Architect's Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES	PROJECT NUMBER:	MODTECH, INC. 2002	DRAWN BY: STKP-70 DATE: 05-22-03

Electrical Engineer's Seal
Mechanical Engineer's Seal

PC Professional of Record Seal
No. 2802
No. C 2956
LICENSE EXPIRES 6-30-2004

Architect's Seal
LICENSED ARCHITECT
No. C 2956
EXPIRES 9-30-03
STATE OF CALIFORNIA

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PG-04
104801
DATE: 5/2/03

MODTECH™
2830 BARRETT AVENUE PERRIS, CALIF. 92571
PH (909) 943-4014 FAX (909) 940-0427

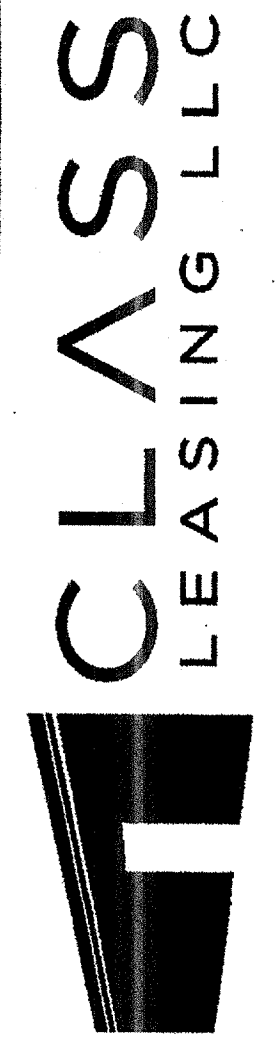
PROJECT NUMBER: 4012-125
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CLASS LEASING INC STOCKPILE # 70
100-24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

DATE: 05-22-03
DATE:

EXTERIOR ELEVATIONS 26 GA MONO PITCH A4.02

PROJECT NO. PC-04-104801

REVISIONS	BY

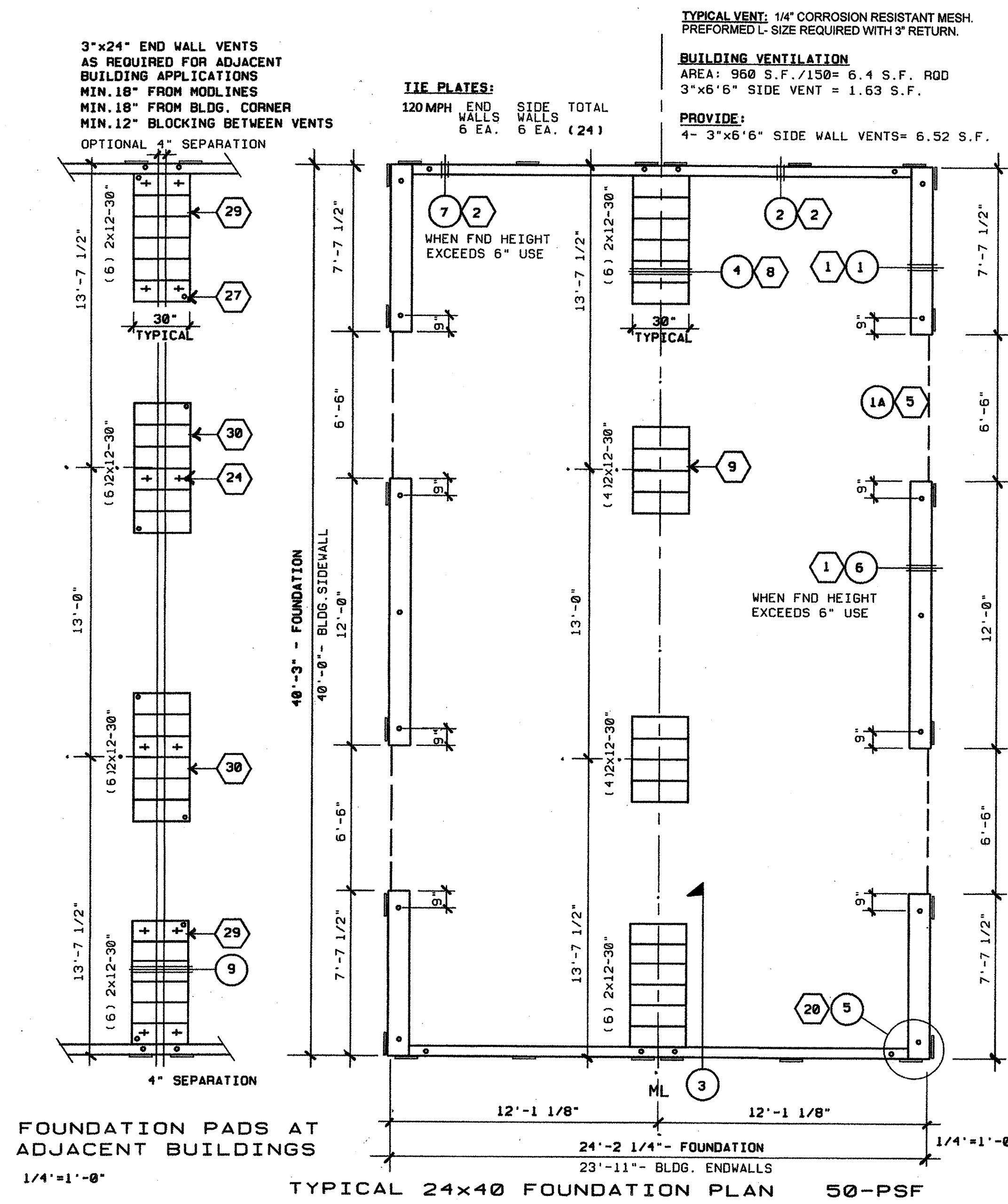
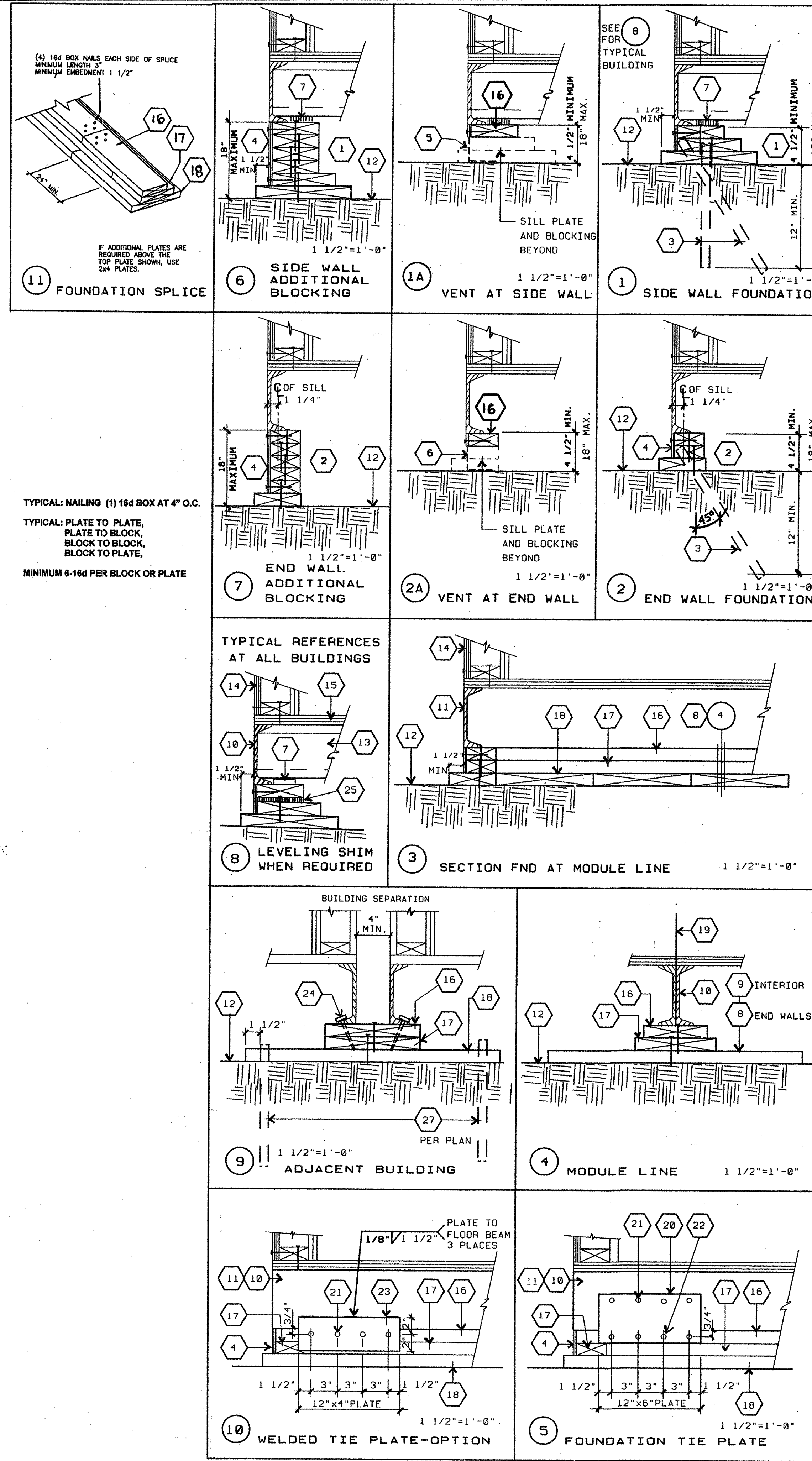


Class Leasing, LLC
 1221 Harley Knox Blvd. Perris, CA 92571-7408
 VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING INC.
 STOCKPILE CLASSROOM
 24x40 - 50 PSF RELOCATION
 FOUNDATION PLAN & DETAILS

DATE	09-29-2014
SCALE	AS SHOWN
DRAWN	LAM-CLS
JOB	24x40 50 PSF
SHEET	F2.0

- KEY NOTES 24x40- 50 PSF FLOOR LOAD**
- FOUNDATION AT SIDE WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW. BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW. SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
 - SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A
 - SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC
 - SIDEWALL VENT: 3" HIGH BY 6'-6" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 8" O.C.
 - ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.
 - SHIM: 5/8" X 2 1/2" WHEN REQUIRED
- FOUNDATION AT END WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW. BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW. SILL PLATE: 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
 - FLOOR BEAM: C7x 9.8 TYPICAL
 - FLOOR HEADER: C7x 9.8 TYPICAL
 - FINISH GRADE
 - FLOOR JOIST
 - EXTERIOR FINISH
 - PLYWOOD SUB-FLOOR
 - TOP PLATE: CONTINUOUS
 - BLOCKING
 - SILL PLATE
 - MODLINE
 - TIE PLATE: 12" x 6" x 10 GA
 - PLATE ANCHOR: 4-1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)
 - PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)
 - TIE PLATE: 12" x 4" x 10 GA
 - BUILDING ANCHORAGE: 6- 5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)
 - LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.
 - 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.
 - 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.
 - THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.
- FOUNDATION AT MOD LINE / END WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW. BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW. SILL PLATE: (4) 2x12x30" (PT)
 - FLOOR BEAM: C7x 9.8 TYPICAL
 - FLOOR HEADER: C7x 9.8 TYPICAL
 - FINISH GRADE
 - FLOOR JOIST
 - EXTERIOR FINISH
 - PLYWOOD SUB-FLOOR
 - TOP PLATE: CONTINUOUS
 - BLOCKING
 - SILL PLATE
 - MODLINE
 - TIE PLATE: 12" x 6" x 10 GA
 - PLATE ANCHOR: 4-1/4" ϕ S.M.S. (1 1/2" MIN. EMBEDMENT)
 - PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)
 - TIE PLATE: 12" x 4" x 10 GA
 - BUILDING ANCHORAGE: 6- 5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)
 - LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.
 - 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.
 - 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.
 - THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.
- FOUNDATION AT BUILDING SEPARATION / END WALL**
- TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW. BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW. SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.
- FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL**
- TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW. BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW. SILL PLATE: (6) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.
- GENERAL NOTES**
- SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES. USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.
 - TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.
 - 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 INSPECTOR.
 - FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE
 - THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
 - 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 1/2" IN OVERALL LENGTH
 - THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.



DATE SIGNED SEP 30 2014

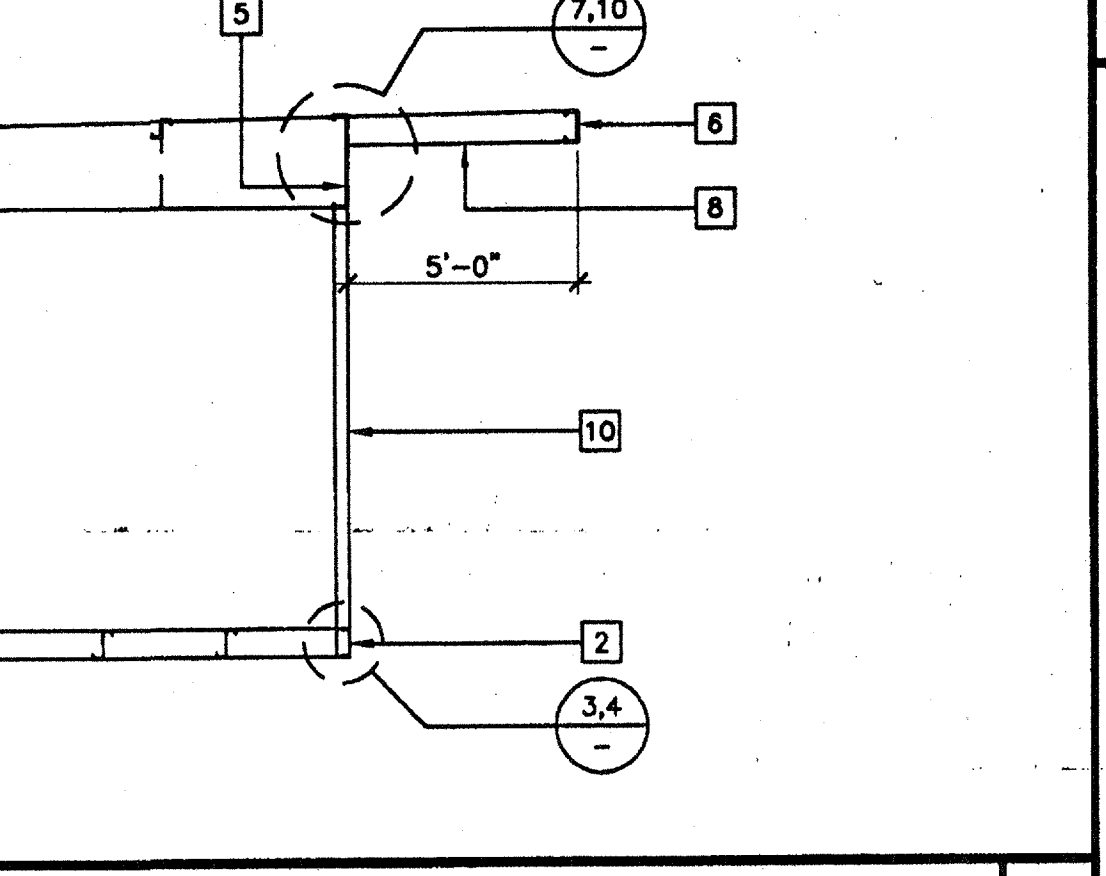
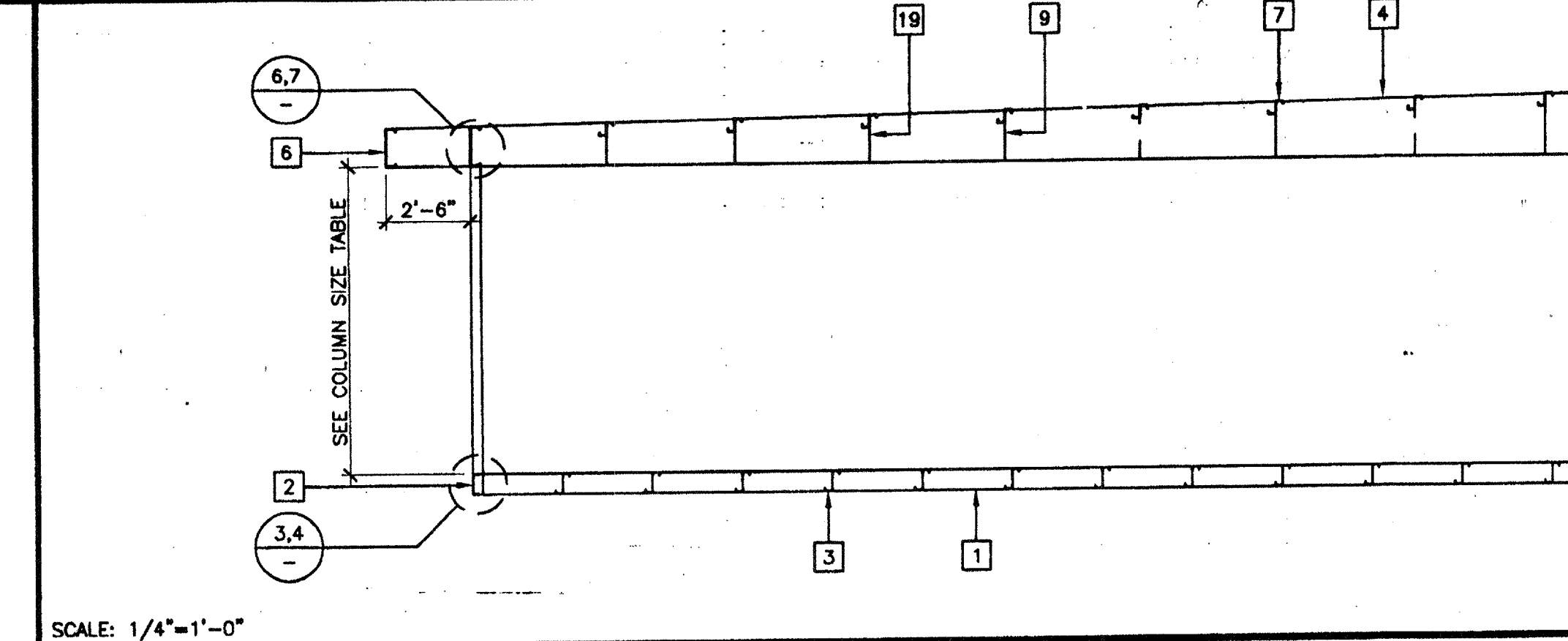
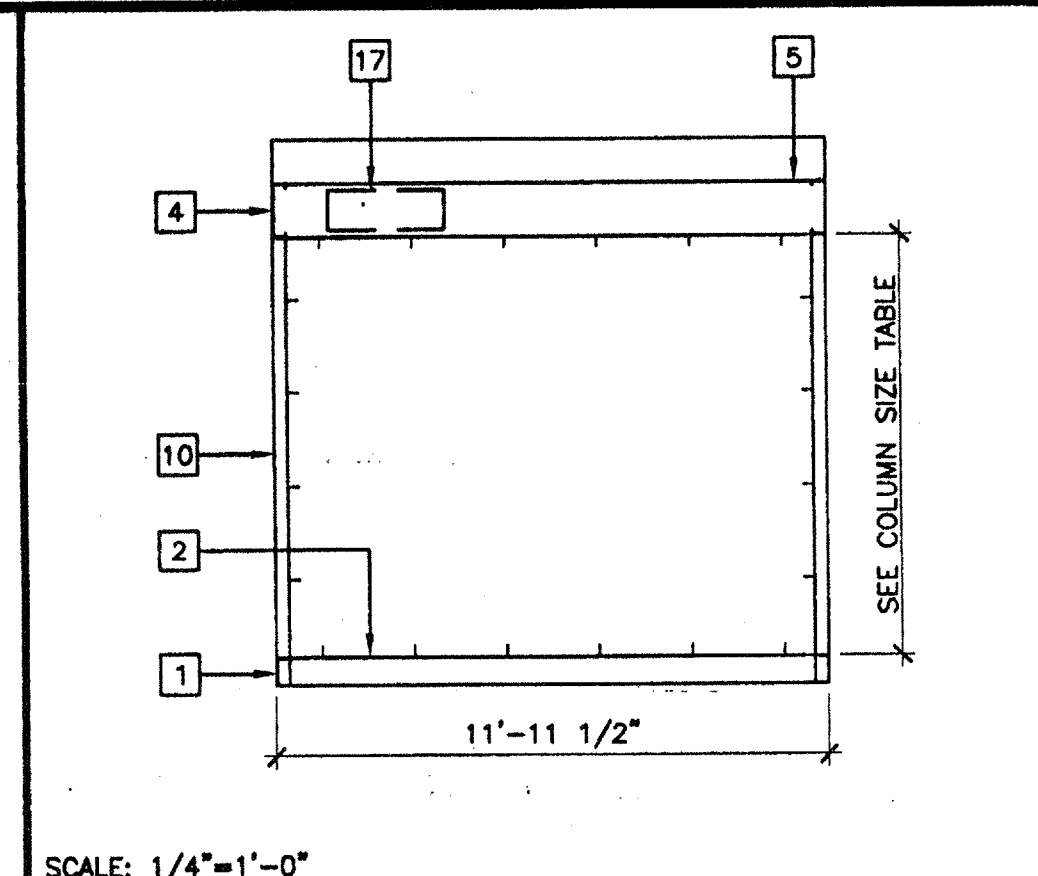
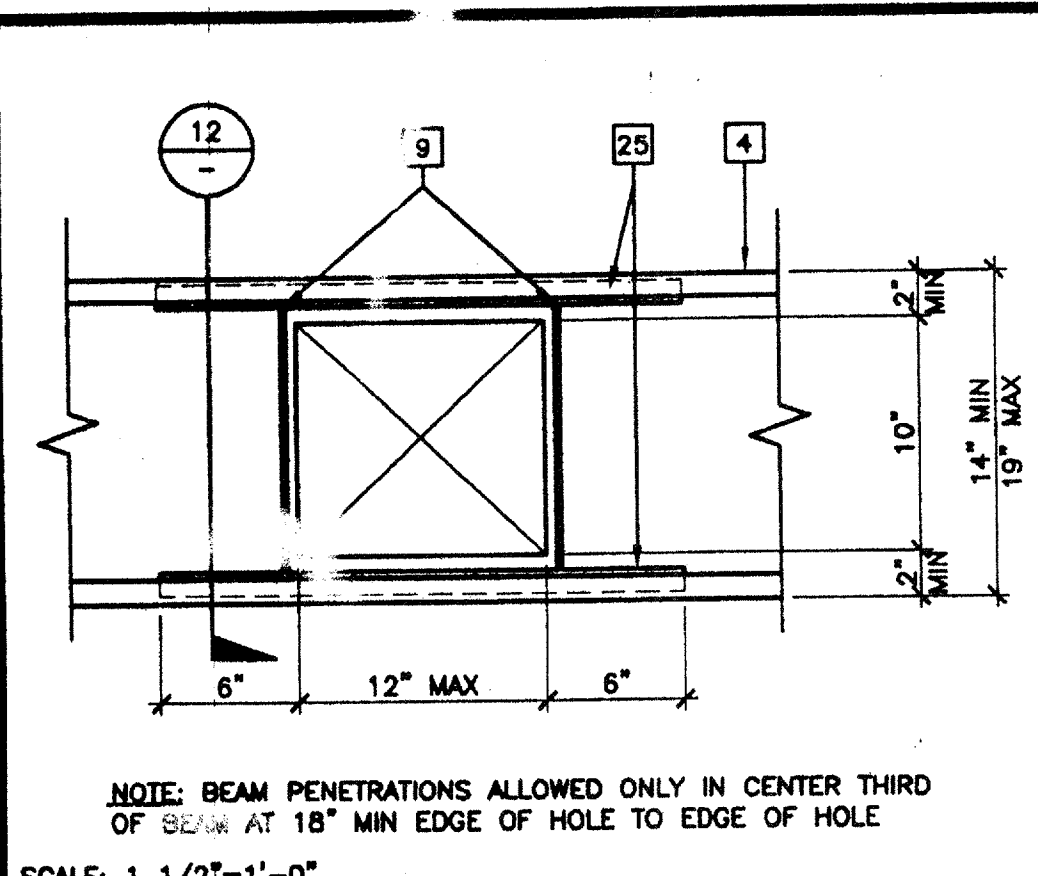
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 No. 3602
 117035
 LICENSE EXPIRES 6-30-2018

PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

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 OFFICE OF REGULATION SERVICES
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 117035
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PC 04-113776
 DATE OCT 08 2014

24x40 - 50 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

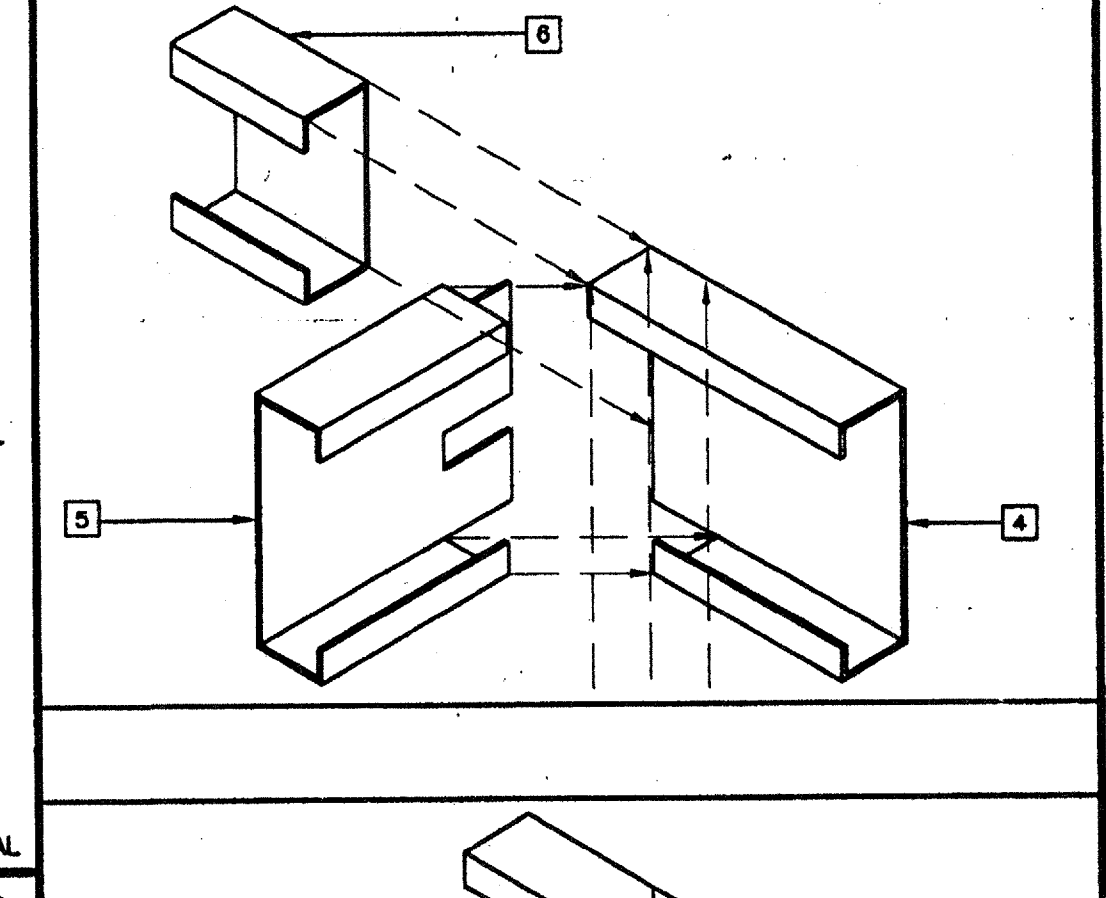
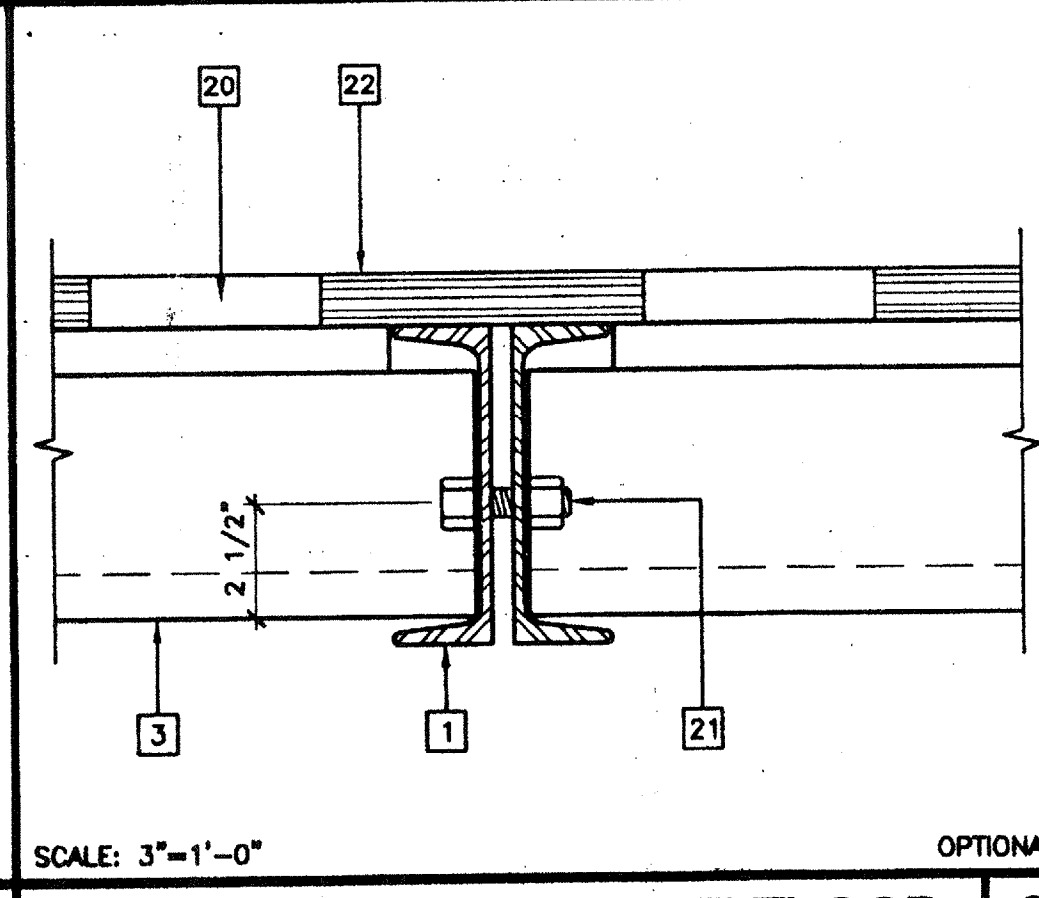
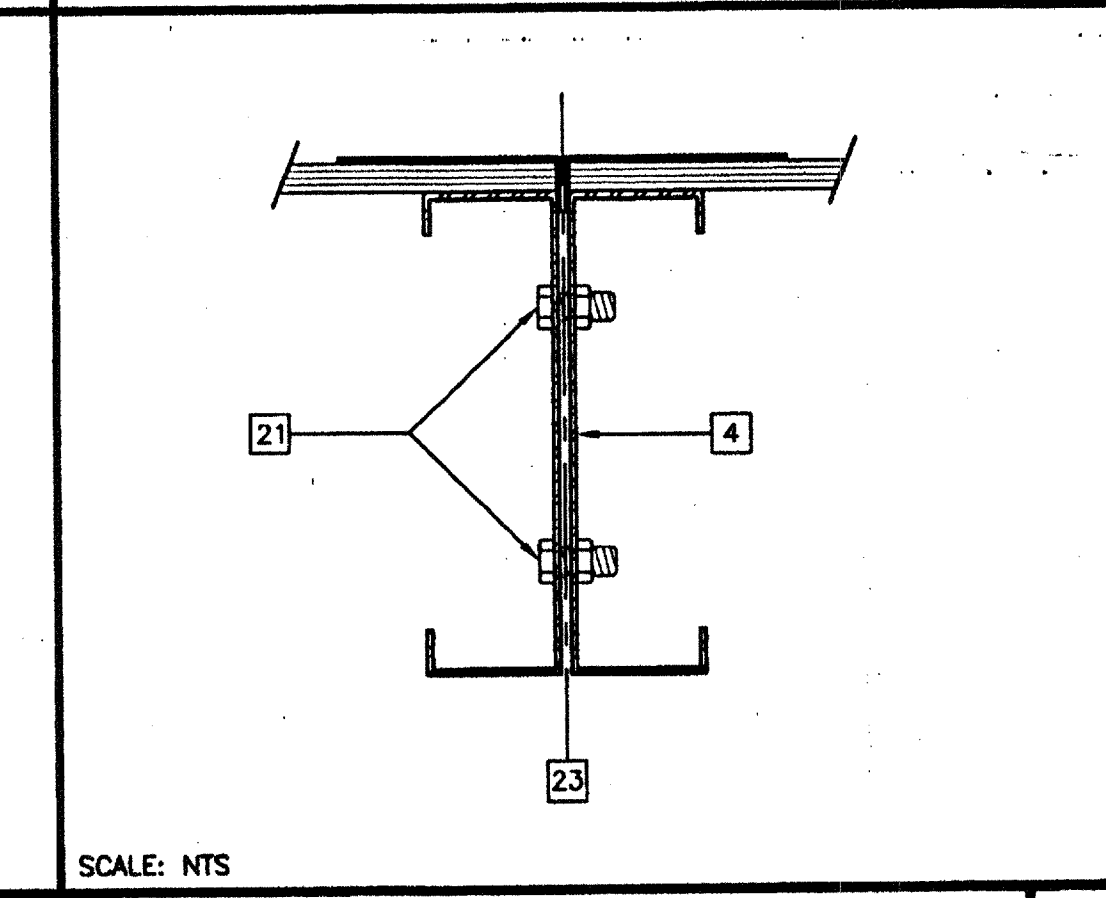
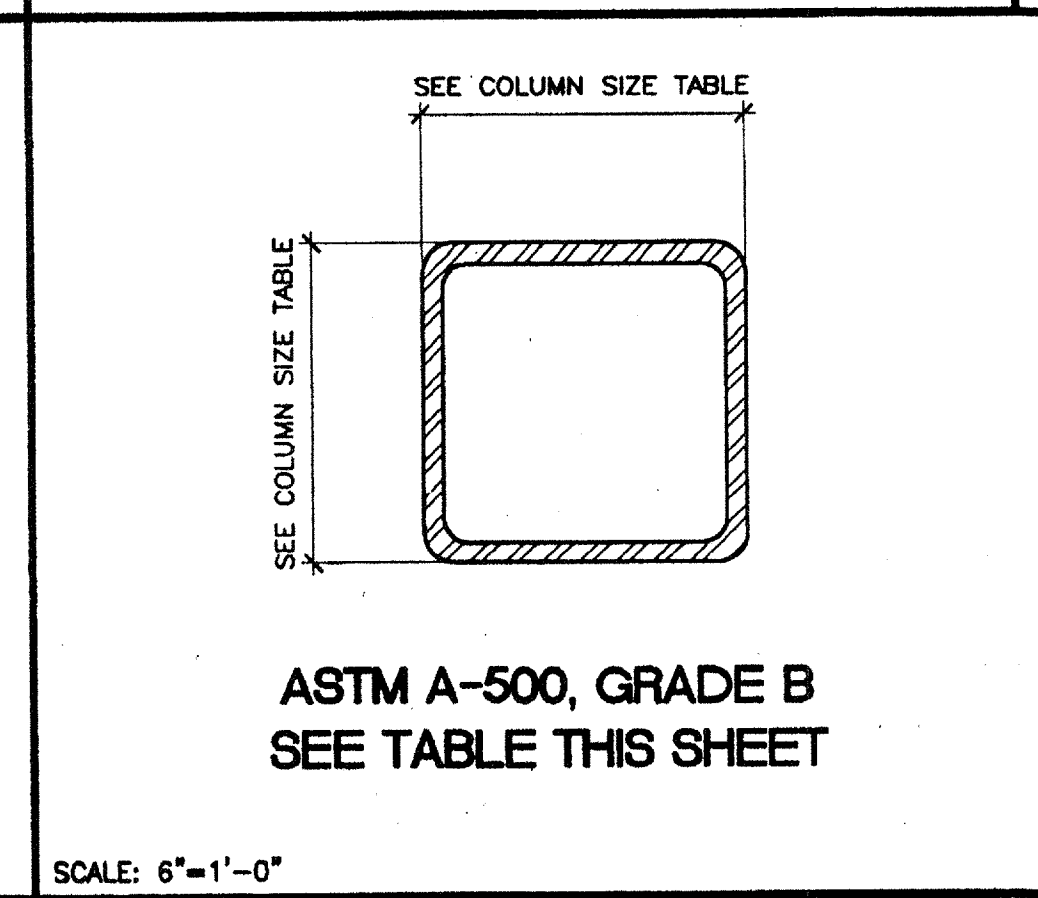
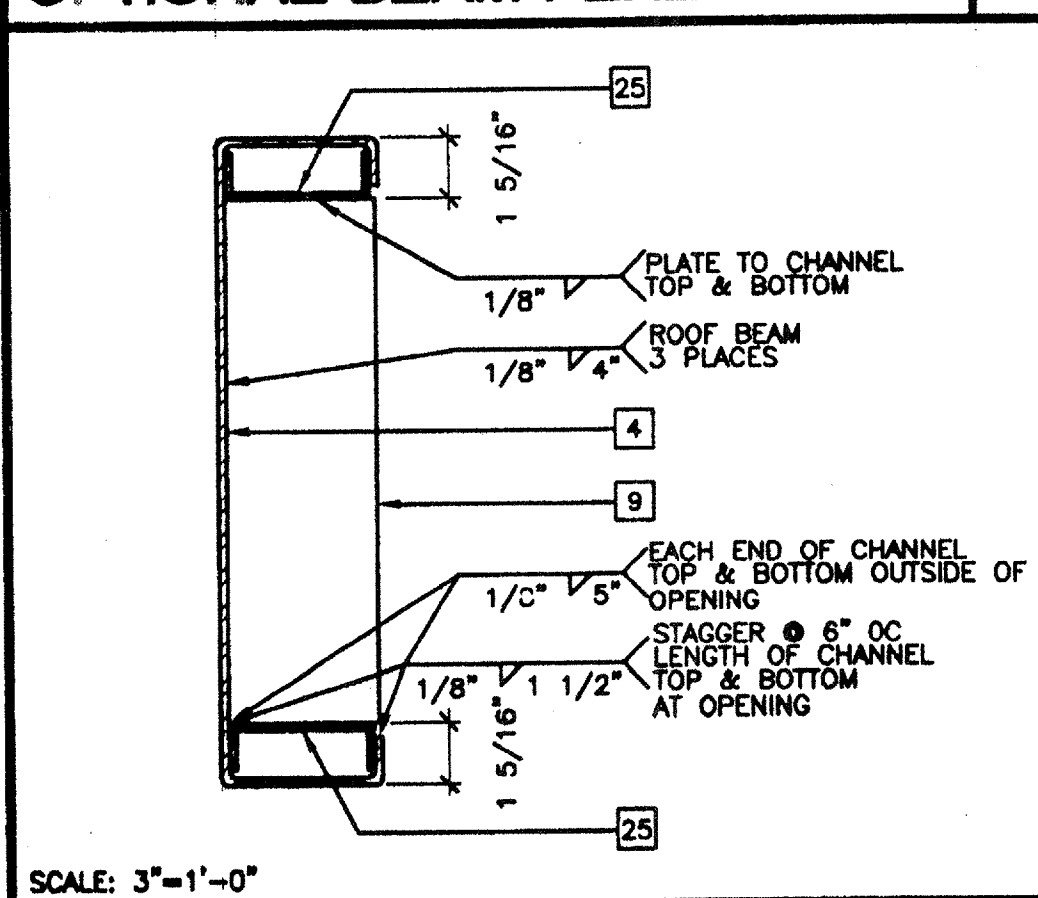


OPTIONAL BEAM PENETRATION 11
SCALE: 1 1/2"=1'-0"

SECTION AT END WALL
SCALE: 1/4"=1'-0"

SECTION AT SIDE WALL
SCALE: 1/4"=1'-0"

SECTION AT SIDE WALL
SCALE: 1/4"=1'-0"



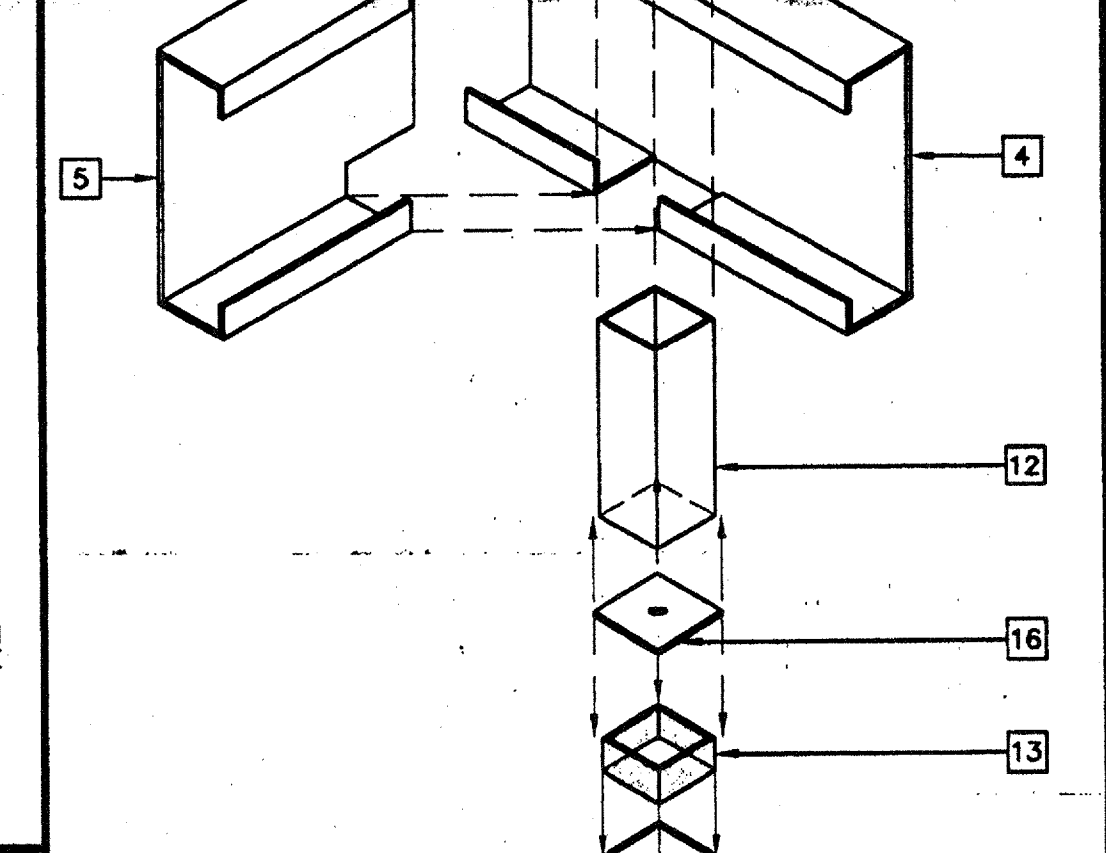
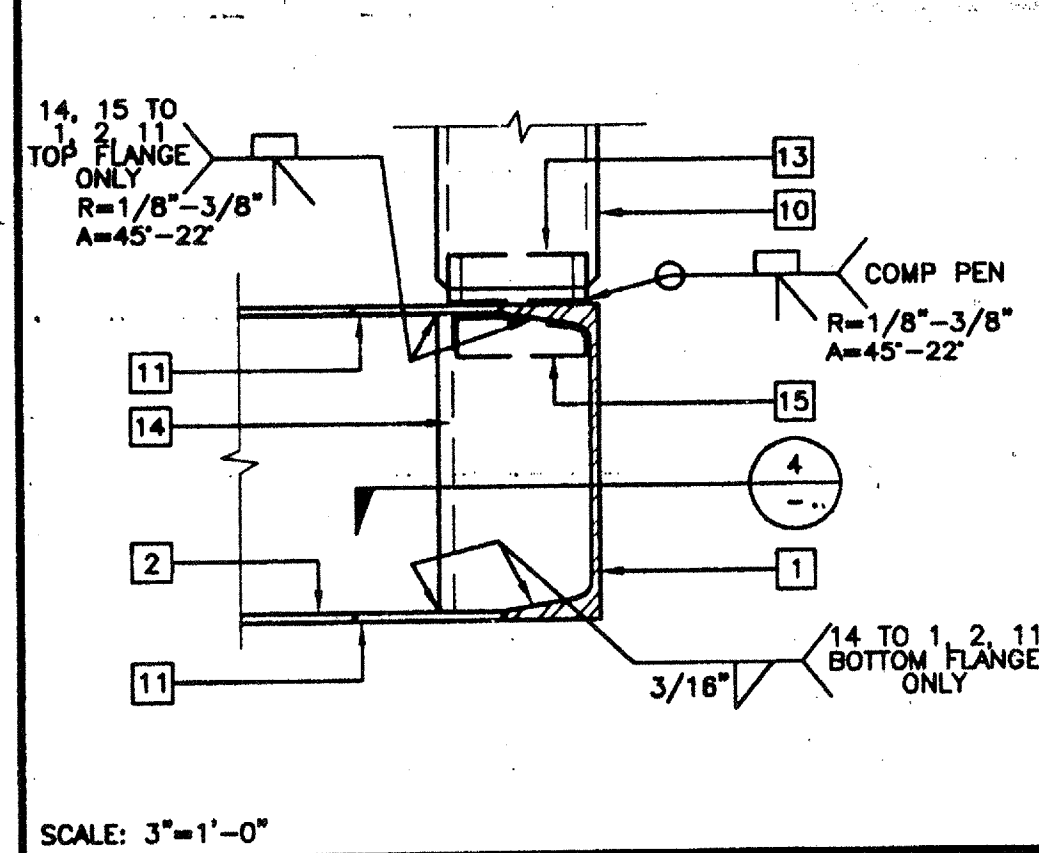
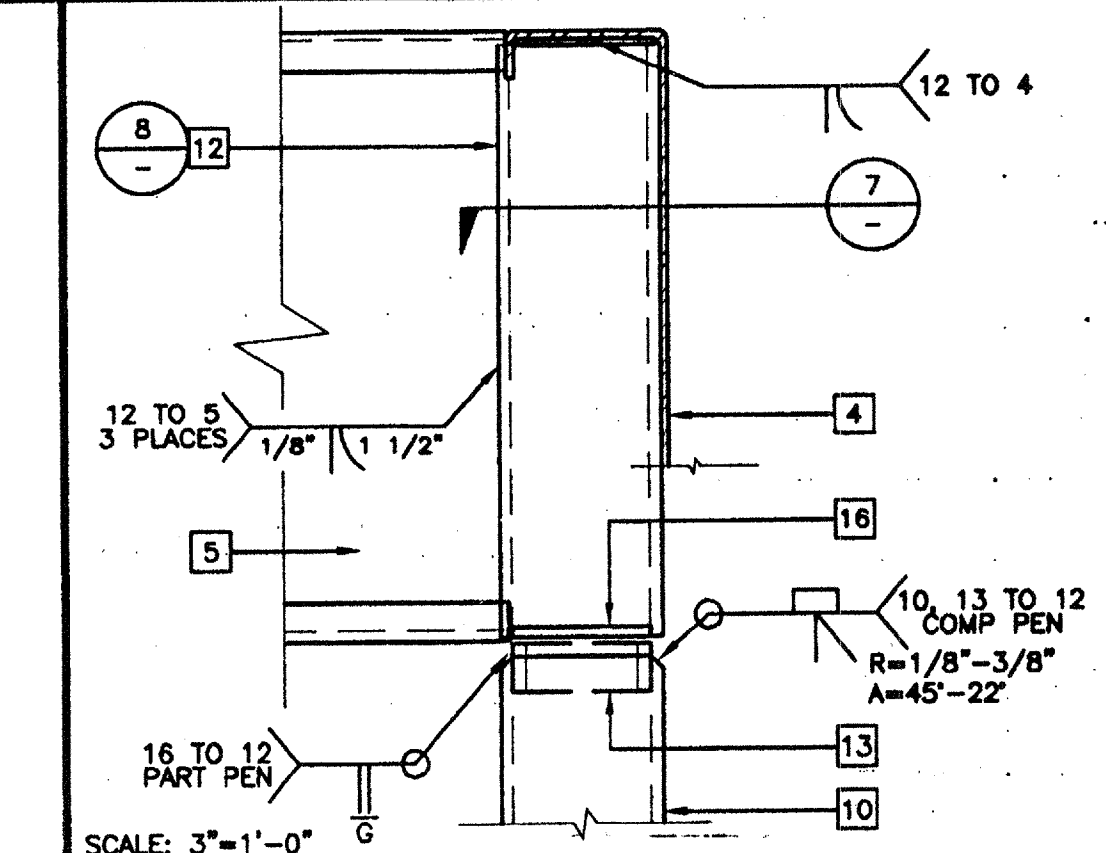
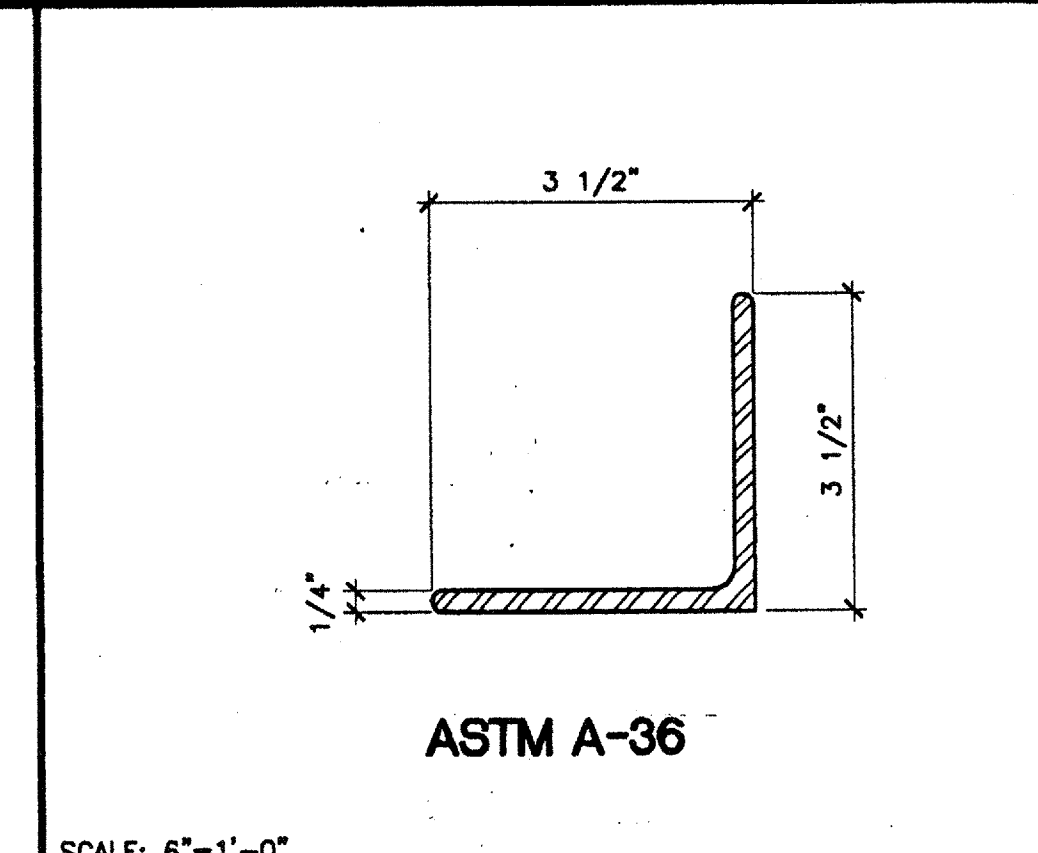
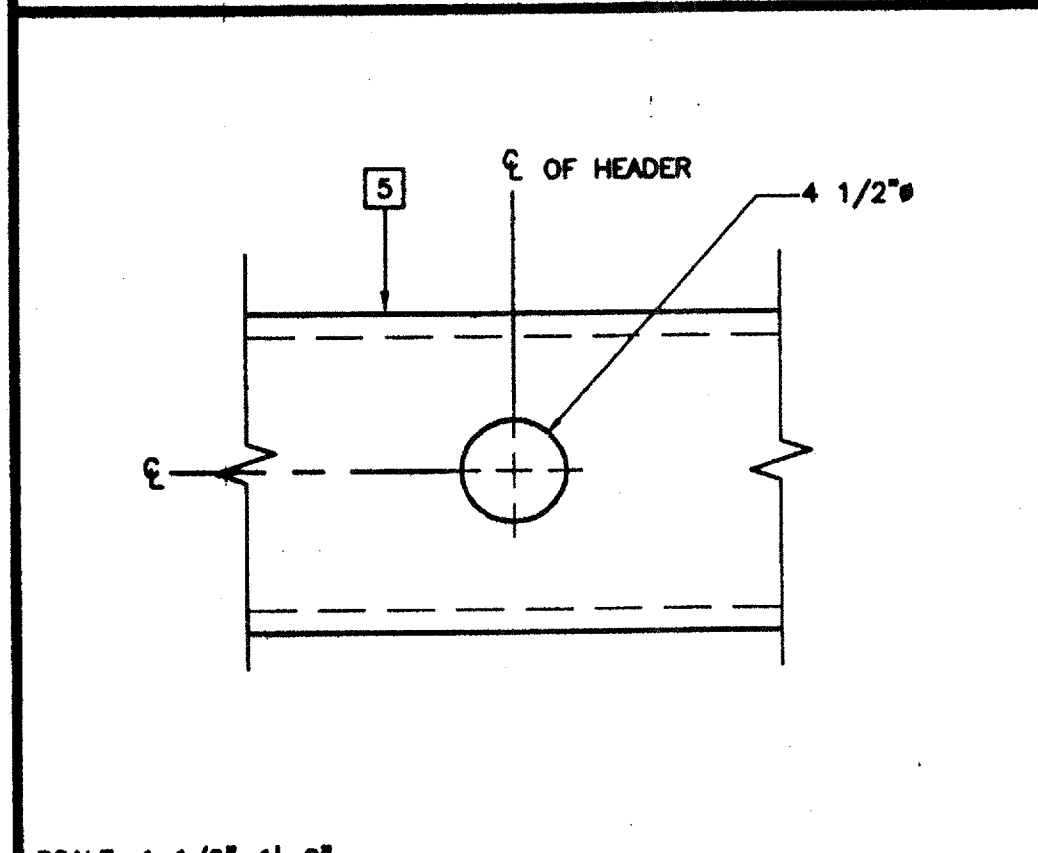
PENETRATION REINFORCEMENT 12
SCALE: 3"=1'-0"

TUBE STEEL COLUMN/STIFFENER 8
SCALE: 6"=1'-0"

MODULE CONNECTION AT ROOF 5
SCALE: NTS

MODULE CONNECTION AT FLOOR 2
SCALE: 3"=1'-0"

MODULE CONNECTION AT FLOOR 2
SCALE: 3"=1'-0"



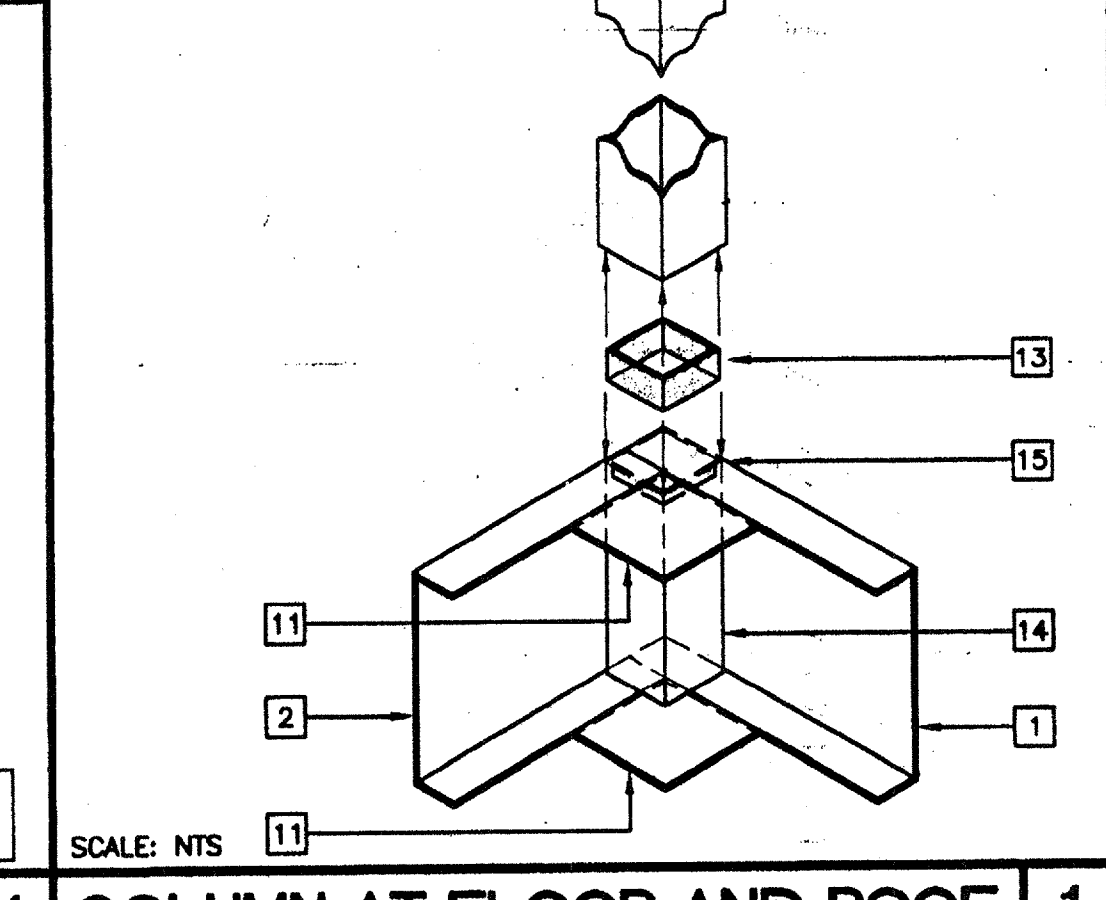
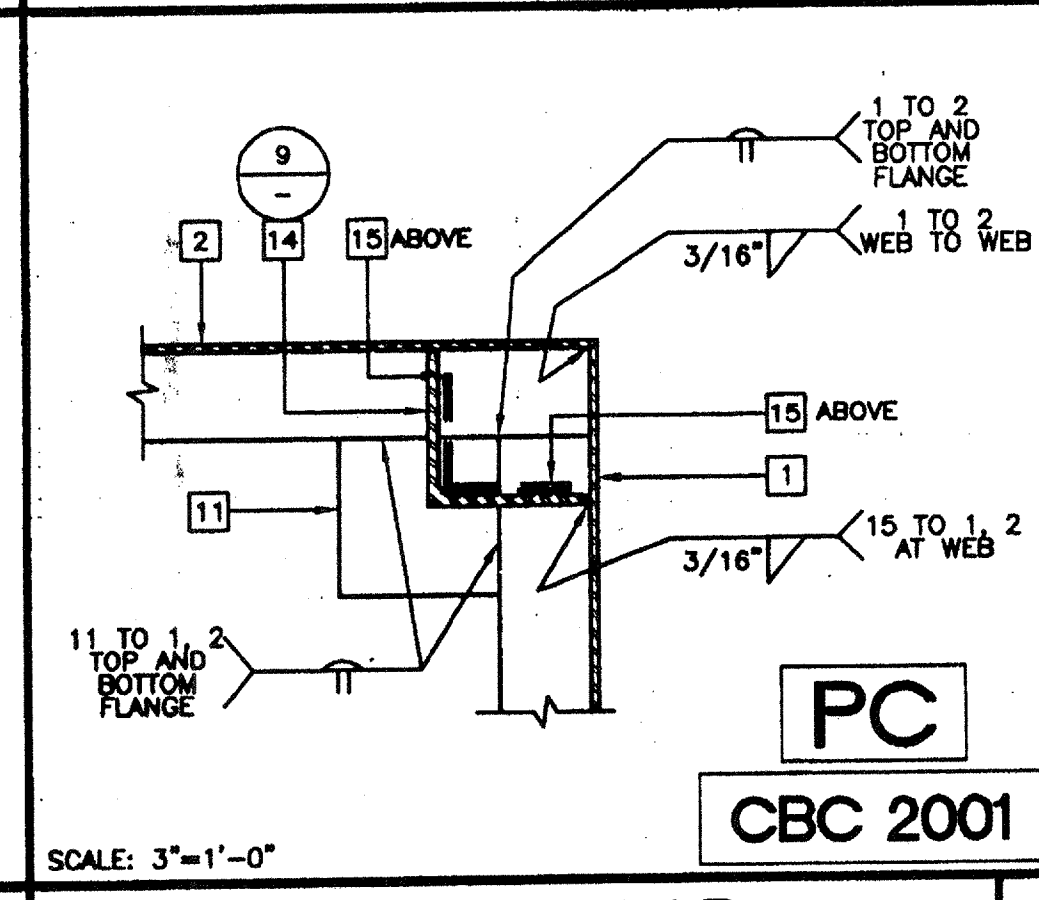
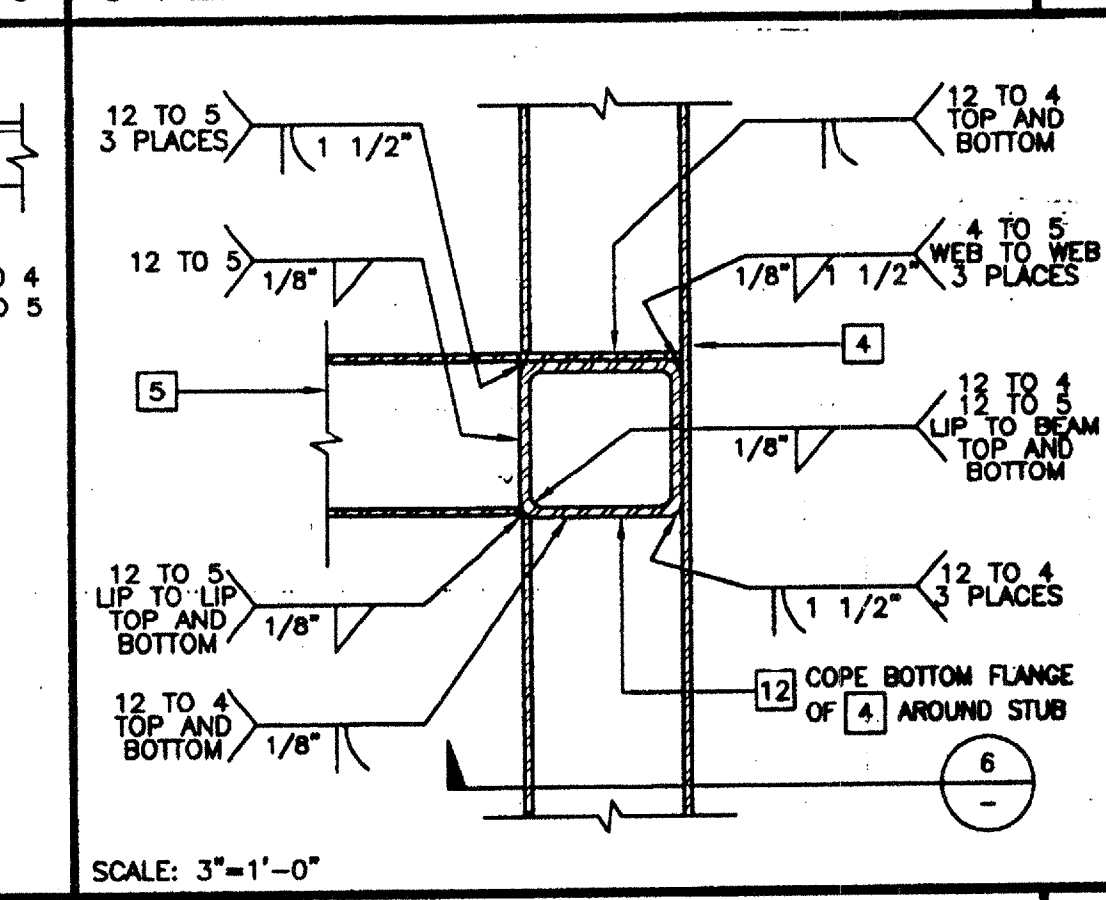
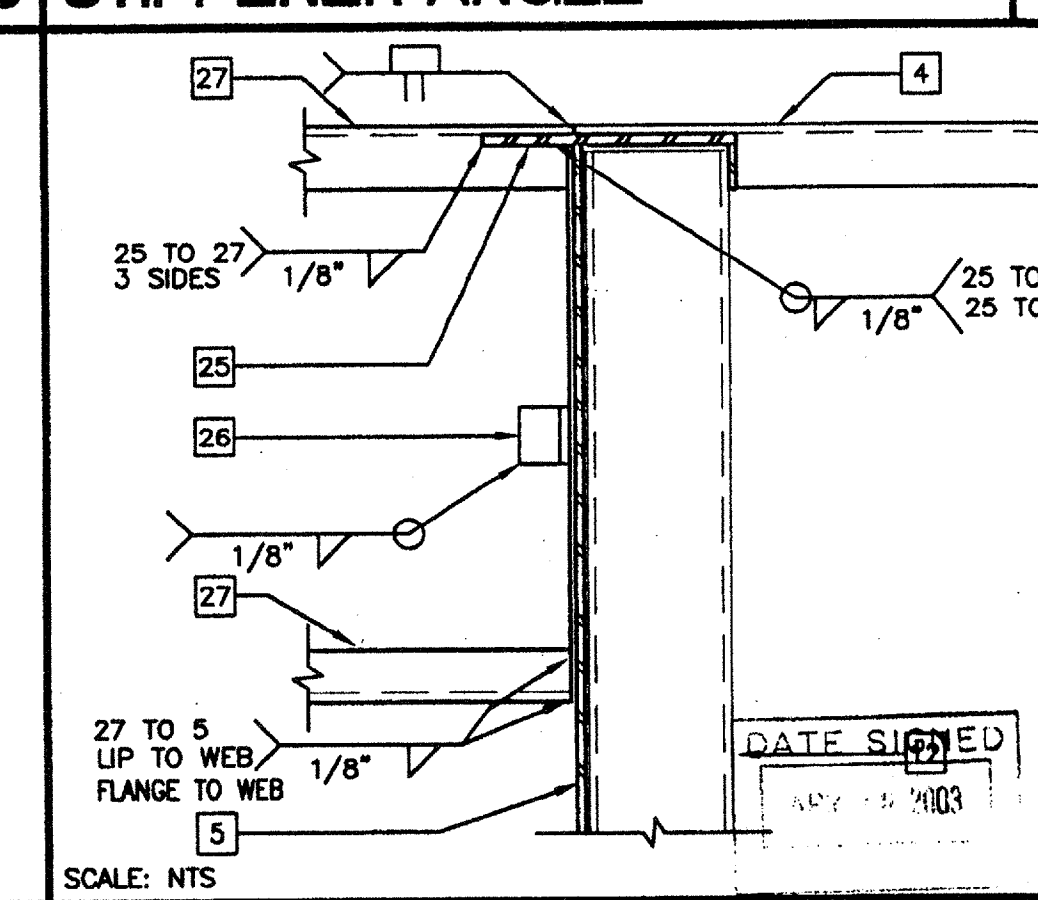
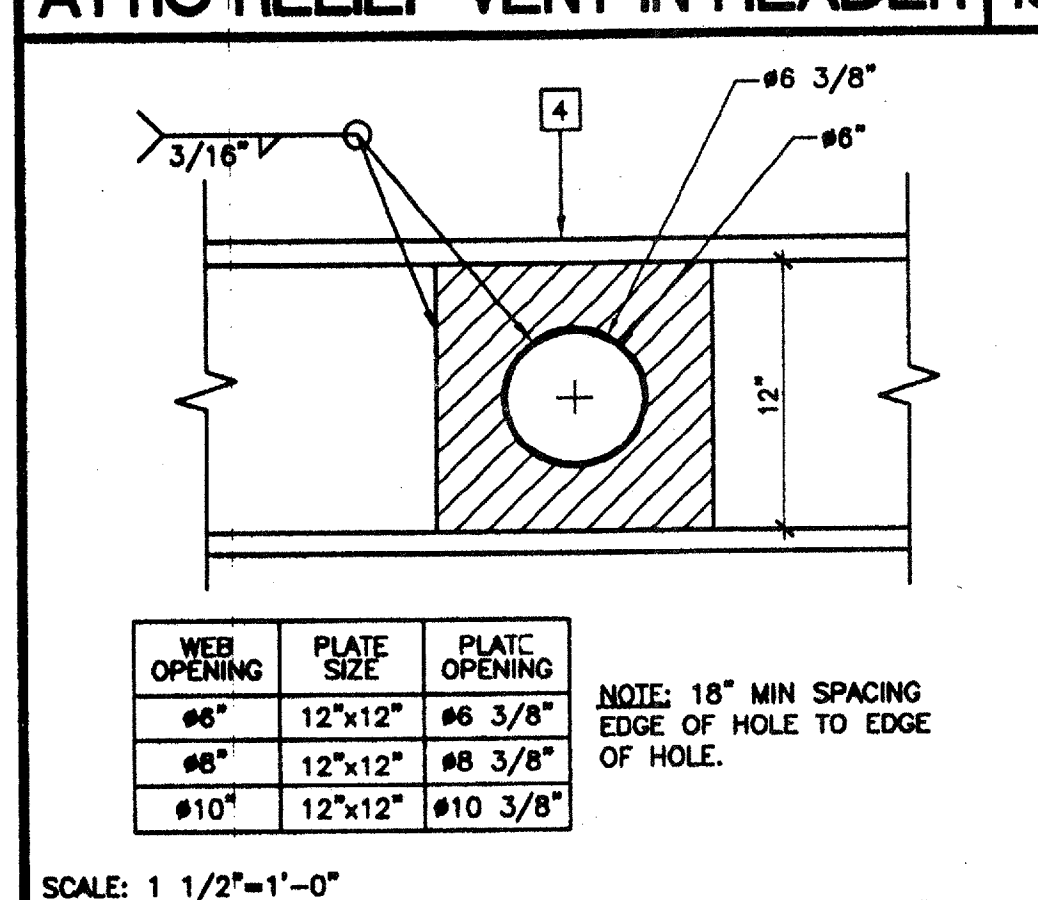
ATTIC RELIEF VENT IN HEADER 13
SCALE: 1 1/2"=1'-0"

STIFFENER ANGLE 9
SCALE: 6"=1'-0"

COLUMN AT ROOF 6
SCALE: 3"=1'-0"

COLUMN AT FLOOR 3
SCALE: 3"=1'-0"

COLUMN AT FLOOR AND ROOF 1
SCALE: NTS



OPTIONAL BEAM PENETRATION 14
SCALE: 1 1/2"=1'-0"

OVERHANG AT ROOF BEAM 10
SCALE: NTS

COLUMN AT ROOF 7
SCALE: 3"=1'-0"

STIFFENER AT FLOOR 4
SCALE: 3"=1'-0"

COLUMN AT FLOOR AND ROOF 1
SCALE: NTS

- ### KEY NOTES
- FLOOR BEAM - 1/S1.01
 - FLOOR HEADER - 1/S1.01
 - FLOOR JOIST - 2/S1.01
 - TAPERED ROOF BEAM - 1/S2.02
 - ROOF HEADER - 2/S2.02
 - ROOF FASCIA - 3/S2.02
 - ROOF PURLIN - 4/S2.02
 - 8" x 3-1/2" x 14GA ROOF OVERHANG BEAM
 - 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 6/S2.02
 - 3 1/2" x 3 1/2" x 1/4" TUBE STEEL COLUMN (SEE COLUMN BELOW)
 - 3 1/2" x 3 1/2" x 1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5" x 8" x 1/4" ANCHOR BOLT PLATE - 3/S1.01
 - 3 1/2" x 3 1/2" x 1/4" TUBE STEEL STIFFENER
 - (1) 3" x 3" 10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
 - 3 1/2" x 3 1/2" x 1/4" ANGLE STIFFENER
 - BACK-UP PLATE - 10 GA MIN
 - 1/4" BASE PLATE - INSERT FLUSH WITH STIFFENER TUBE
 - OPTIONAL HVAC DUCT OPENING - 12/S2.02
 - NOT USED
 - 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT SIDEWALLS ALIGN WITH PURLINS FOR 80 MPH DESIGN WIND LOAD ONLY
 - HAND HOLE AT BOLT LOCATION
 - 5/8" MB A307 AT MODULE CONNECTION JOINT - SEE FLOOR/ROOF FRAMING PLANS
 - FLOOR SHEATHING
 - MODLINE (M)
 - NOT USED
 - 3 1/4" x 1" 10 GA CHANNEL STIFFENER
 - 10 GA PLATE (REFER TO DETAIL CHART FOR DIMENSIONS -14/S3.01)
 - 3 1/2" x 4 1/2" x 1/4" PLATE UNDER BEAM FLANGE

- ### NOTES
- ALL WELDS USED IN PRIMARY MEMBERS AND CONNECTIONS IN THE LATERAL FORCE-RESISTING SYSTEMS SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT/LBS AT MINUS 20 DEGREES F AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION. (ALL MEMBERS EXCEPT LIGHT GAUGE).

COLUMN SIZE TABLE

DESIGN WIND LOAD	COLUMN HEIGHT	
	9'-0"	10'-6"
70 MPH	3 1/2"x3 1/2"x1/4"	4"x4"x3/8"
80 MPH	3 1/2"x3 1/2"x5/16"	4"x4"x3/8"
80 MPH WITH 4'-0" PARAPETS		5"x5"x3/8"

REVISIONS

NO.	DESCRIPTION	DATE

Electrical Engineer's Seal
Mechanical Engineer's Seal
PC Professional of Record Seal
Architect's Seal

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MODTECH^{INC.}
2830 BARRETT AVENUE PERRIS, CALIF. 92571
PH (909) 943-4014 FAX (909) 940-0427

PROJECT NUMBER:
© MODTECH, INC. 2002
CLASS LEASING INC STOCKPILE # 70
100-24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH
(8 & 12 LIGHTS)

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04 105298
DATE: MAY 22 2003
DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:
MODTECH Index No.
S3.02

FILE PATH: 2440-S3.02.DWG PROJECT NO. PC-04-104801

ELECTRICAL PANEL SCHEDULE

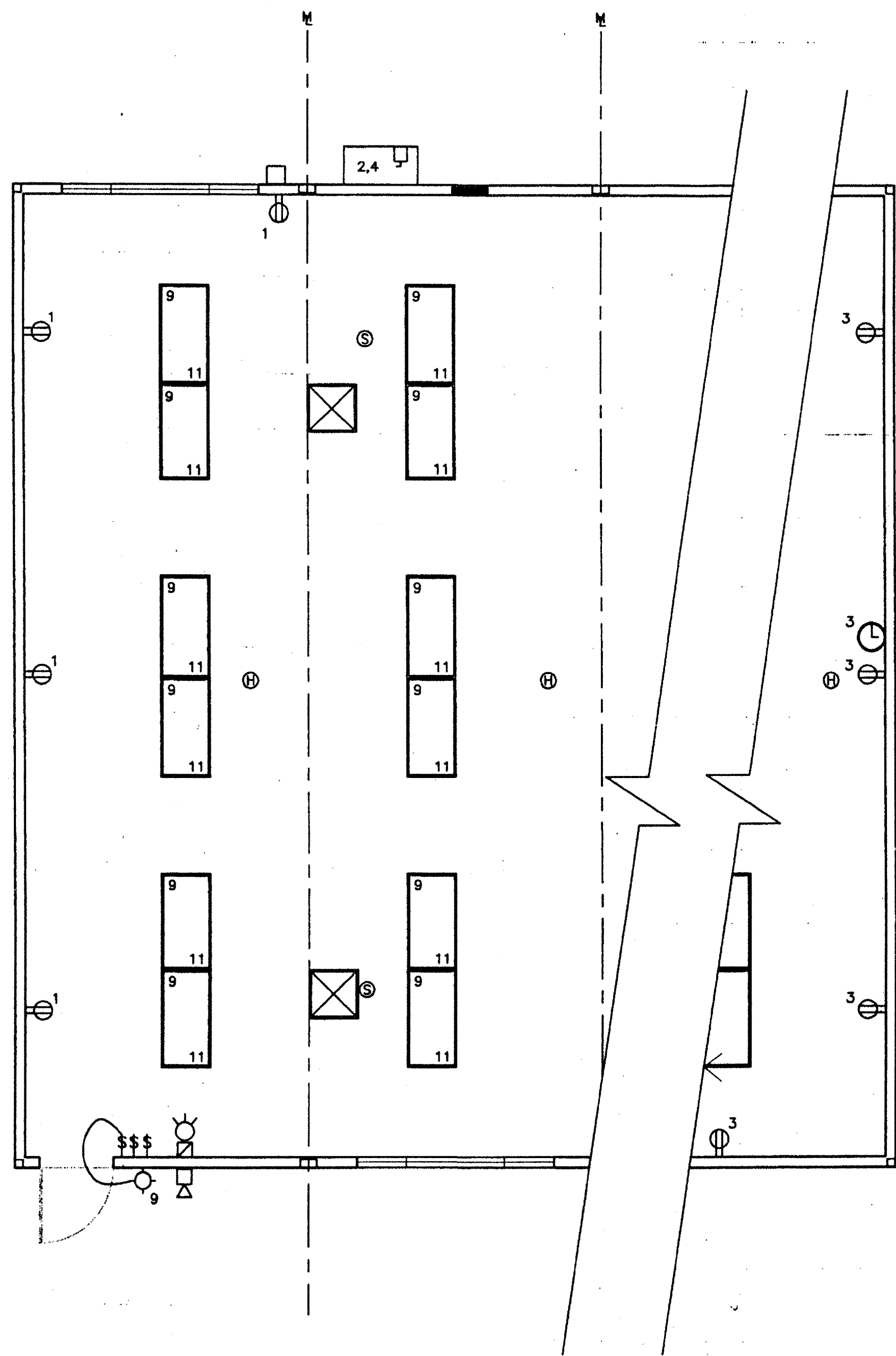
LOAD	WATTS		BREAKER		A		B		BREAKER		WATTS		LOAD	
	A#	B#	Amps	P	UL	UL	P	Amps	A#	B#	A#	B#		
RECEPTACLE	720		20	1	1				2	2	60	7080	HVAC (3 1/2T)	
RECEPTACLE/CLOCK		900	20	1	3				4			7080	HVAC (3 1/2T)	
					5				6					
					7				8					
INT/EXT LIGHTS	900		20	1	9				10					
INT. LIGHTS					11				12			40	FIRE ALARM (DEDICATED)	
WATTS/PHASE	A = 8740		1620		1740						7120		B = 8820	WATTS/PHASE
TOTAL	17560	WATTS	73	AMPS	120/240	VOLTS	SINGLE #		THREE		WIRE			

GENERAL GROUNDING NOTES

- EACH BUILDING SHALL BE SEPARATELY GROUNDING WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD, WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
- TESTING: TEST FOR RESISTANCE TO GROUND, IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES, THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUNDING TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE WITH T-8 ELECTRONIC BALLAST
- EXTERIOR LIGHT FIXTURE AT +93" AFF
- SWITCH AT +48" AFF
- 3WAY SWITCH AT +48" AFF UON
- DUPLEX WALL RECEPTACLE 15A 125V 3-WIRE AT +18" AFF UON
- HVAC UNIT (HV)
- 4SD J-BOX FOR FIRE ALARM PULL STATION AT +48" AFF, 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE/HORN AT +80" TO BOTTOM OF DEVICE AFF, 3/4" CO TO PULLSTRING
- 4SD J-BOX FOR FIRE ALARM HORN AT +96" AFF, 3/4" CO TO PULLSTRING
- WEATHER PROOF GUTTER BOX (6"x6"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING
- ELECTRICAL PANEL AT +60" AFF TO CENTERLINE 1 1/4" POWER NIPPLE POC, GND JUMPER BY SITE ELECT
- CLOCK AT +90" AFF
- LIGHTED EXIT SIGN WITH BATTERY BACK UP (SEE NOTE 3 BELOW FOR CODE)
- 4SD J-BOX FOR HEAT DETECTOR (ATTIC) MAX 35' FROM ANY POINT IN ATTIC BAY AND 50' BETWEEN THEM. * (TO BE SITE SPECIFIC)
- 4SD J-BOX FOR SMOKE DETECTOR (CEILING) MAX 21' FROM ANY POINT IN ROOM AND 30' BETWEEN THEM. * (TO BE SITE SPECIFIC)



ELECTRICAL PLAN

(12-LIGHTS)

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

DATE SIGNED
APR 18 2003

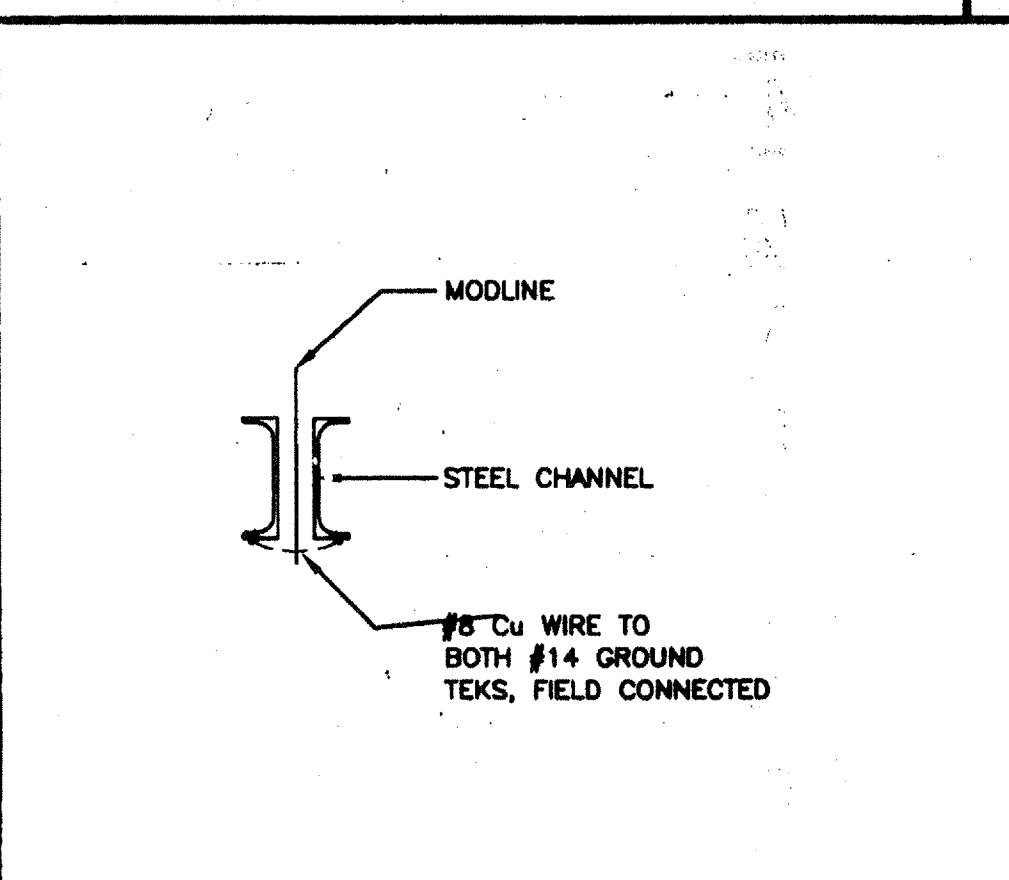
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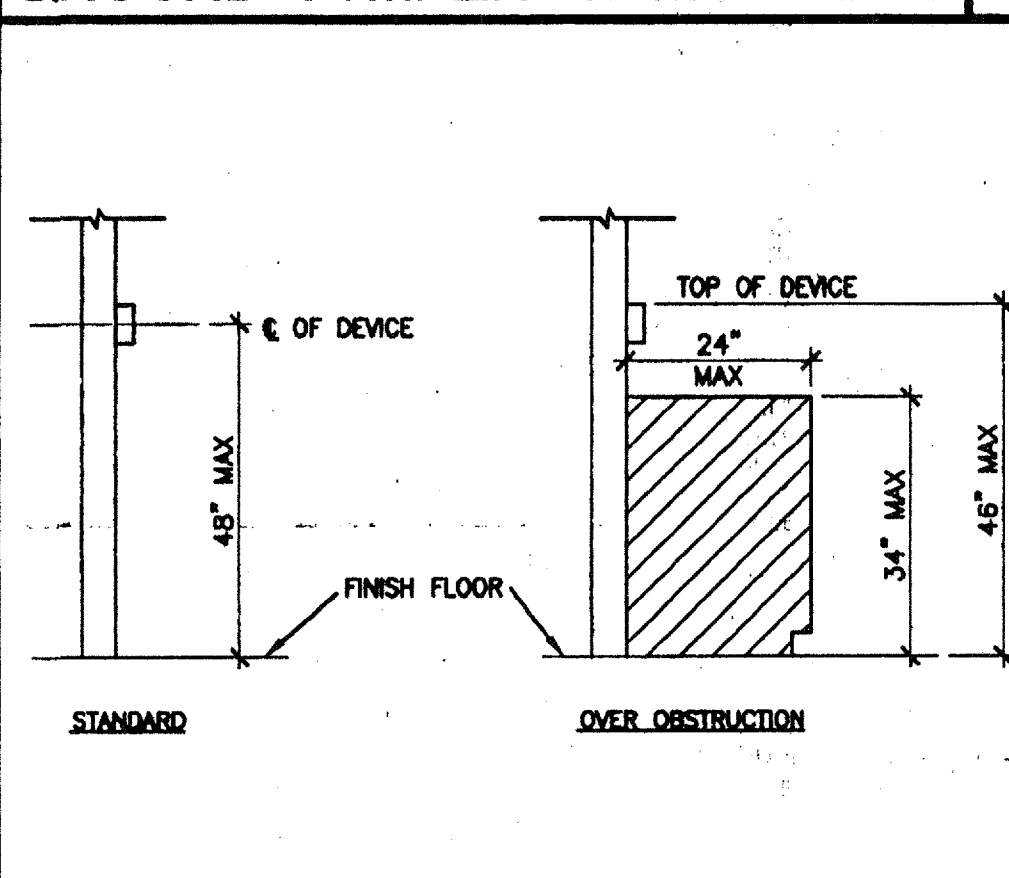
TYP GROUNDING DETAIL

1



GROUND JUMPER AT MOD LINE

2



DEVICE MOUNTING

3

NOTES

- NOTE FOR THE DESIGN PROFESSIONAL:**
THE FOLLOWING INSTRUCTIONS ARE MEANT TO BE FOLLOWED. THE DESIGN PROFESSIONAL SHALL PROVIDE ANCHORAGE CALCULATIONS AND DETAILS WITH THE SUBMITTAL PACKAGE, USING THE FOLLOWING DESIGN CRITERIA AND SHOULD BE READY TO POINT OUT DURING THE BACKCHECK PROCESS TO THE PLAN REVIEWER ANY EQUIPMENT FOR WHICH ANCHORAGE DETAILS ARE NOT PROVIDED.
- SCHOOL EQUIPMENT ANCHORAGE**
INSTRUCTIONS
ALL EQUIPMENT/COMPONENTS DIRECTLY SUPPORTED ON THE GROUND OR ROOF WITH Wp EXCEEDING 400 Lbs., EQUIPMENT WEIGHING MORE THAN 20 Lbs., SUSPENDED FROM A ROOF, FLOOR OR HUNG FROM A WALL SHALL HAVE ITS CORRESPONDING STRUCTURAL CALCULATIONS AND ANCHORAGE DETAIL(S) SHOWN ON THE PLANS, PRIOR TO SUBMITTAL FOR PLAN REVIEW AND BACKCHECK. ALL EQUIPMENT (REGARDLESS OF WEIGHT) SHALL HAVE THEIR CONNECTION TO THE STRUCTURE SHOWN IN THE PLANS.
DESIGN CRITERIA
a) THE SEISMIC ANCHORAGE FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE DESIGNED TO WITHSTAND A LATERAL FORCE:
1- CALCULATED AS SPECIFIED IN SECTION 1632A AND TABLE 16A-0 OF THE VOL. 2, TITLE 24, 2001 CBC.
2- IN LIEU OF CALCULATIONS PER 1- THE ANCHORAGE SHALL BE CAPABLE OF WITHSTANDING A LATERAL FORCE EQUAL TO 2.2 Wp ACTING SIMULTANEOUSLY WITH A VERTICAL FORCE EQUAL TO 0.72 Wp (BOTH FORCES AT SERVICE LEVEL, THESE VALUES CORRESPOND TO AN Ip=1.15 AND Co=0.66, FOR OTHER VALUES OF Ip AND Co, THE LATERAL AND VERTICAL FORCE CAN BE ADJUSTED ACCORDINGLY)
*INCLUSION OF VERTICAL FORCE PER TABLE 16-0 FOOTNOTE 20 (FOR EMERGENCY POWER SUPPLIES AND COMMUNICATIONS EQUIPMENT ONLY)
b) THE CAPACITY OF THE ANCHORAGE CONNECTORS IN SHEAR AND/OR TENSION SHALL BE CLEARLY INDICATED IN THE CALCULATIONS, WHICH INDICATE, ICBO REPORT No. (IF APPLICABLE) THEIR TOTAL NUMBER, SIZE, GRADE, EMBEDMENT, EDGE DISTANCES, AND OTHER FACTORS WHICH AFFECT THE CAPACITY IN SHEAR TENSION.
ANCHORAGE DETAILS FOR EQUIPMENT WHICH ARE NOT APPROVED DURING PLAN REVIEW ARE SUBJECT TO APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND DSA'S DISTRICT STRUCTURAL ENGINEER PRIOR TO INSTALLATION AND INSPECTION BY THE PROJECT INSPECTOR.
 - SMOKE AND HEAT DETECTORS SHOWN ARE FOR OPTIONAL AUTOMATIC DETECTION. IF ELECTED AS AN OPTION, MODTECH WILL PROVIDE 4SD BOXES AND 3/4" CO. ON UNDERSIDE OF ROOF PURLINS. DEVICES PROVIDED AND INSTALLED BY OTHERS.
 - PROVIDE EXITS SIGNS AND EMERGENCY ILLUMINATION FIXTURES AS REQUIRED BY CBC 1003.2.8 AND CBC 1003.2.9. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN. EXCEPTION: WHERE AN OCCUPANT LOAD IS LESS THAN 50
4012-125

REVISIONS

1		
2		
3		
4		
5		

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PC Professional of Record Seal
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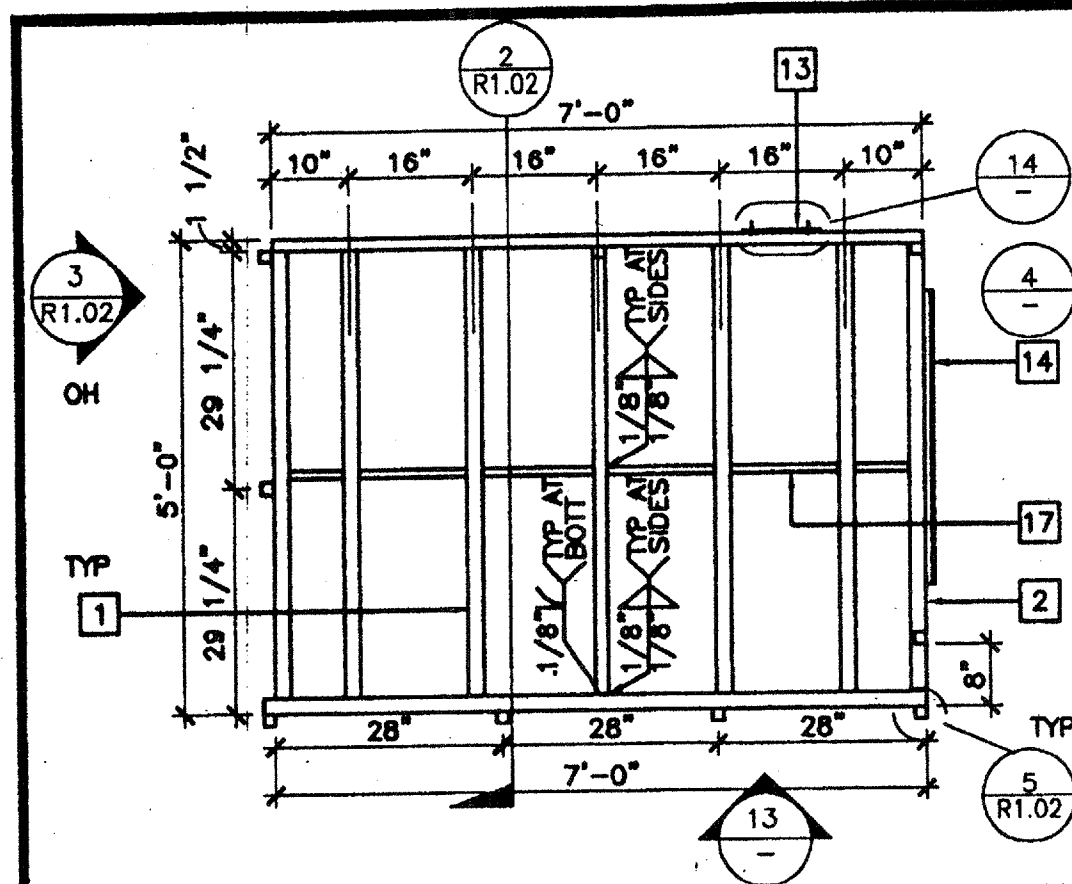
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MODTECH INC.
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PROJECT NUMBER: 4012-125
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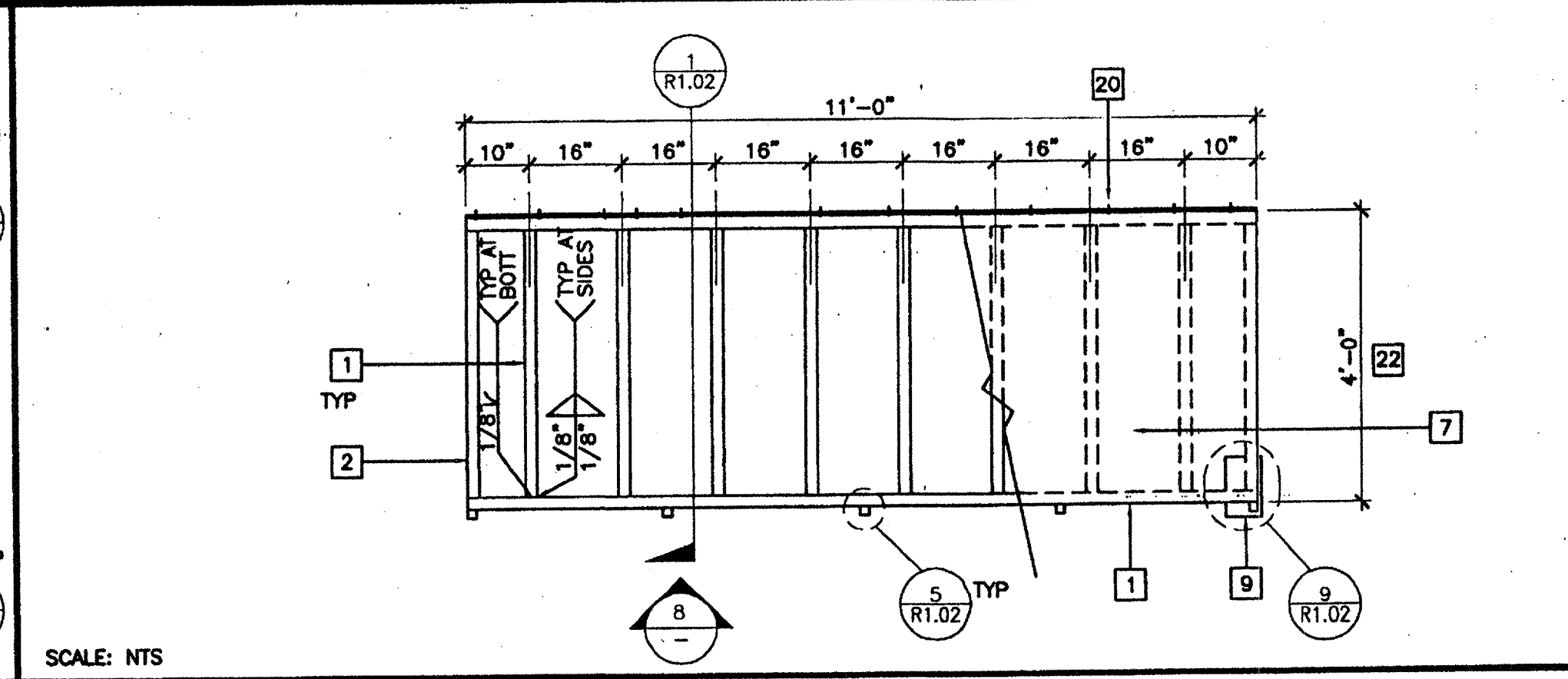
ELECTRICAL PLAN (12 LIGHTS)

FILE PATH: 2440-E1.03.DWG PROJECT NO. PC-04-104801



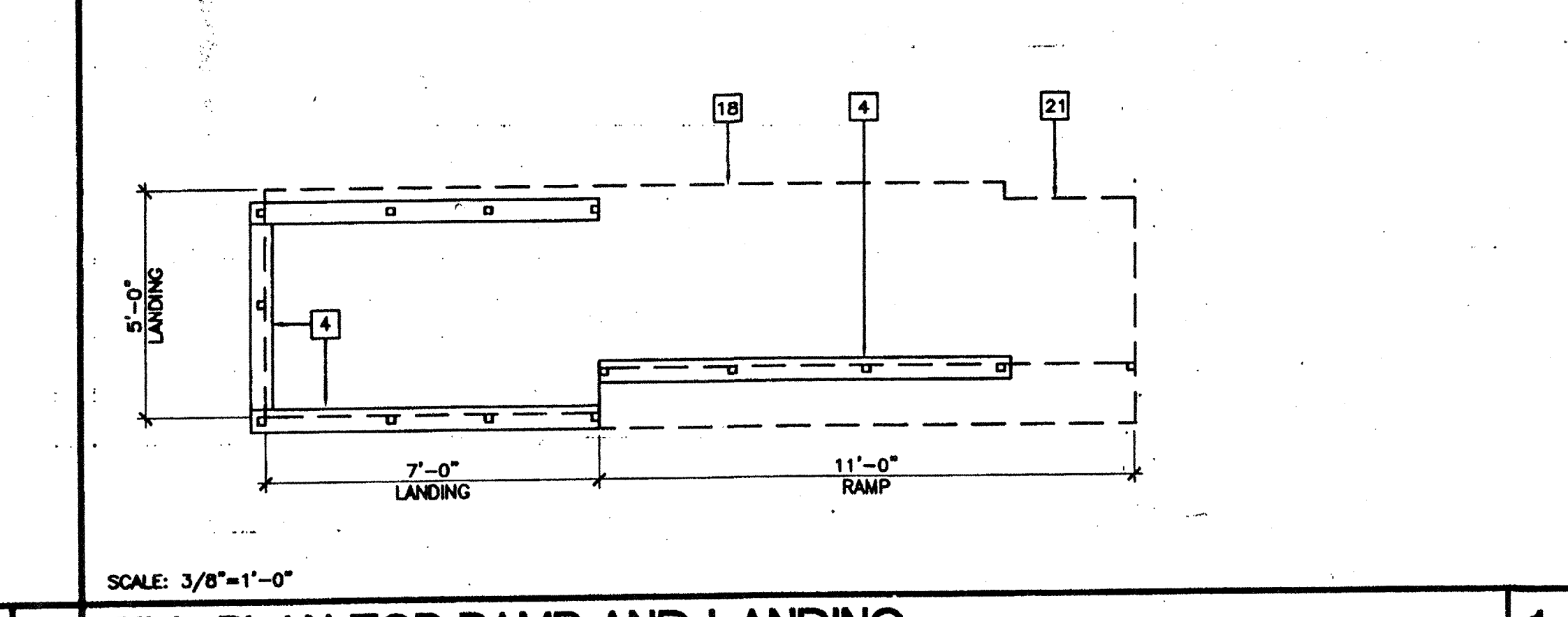
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LANDING FRAME 12



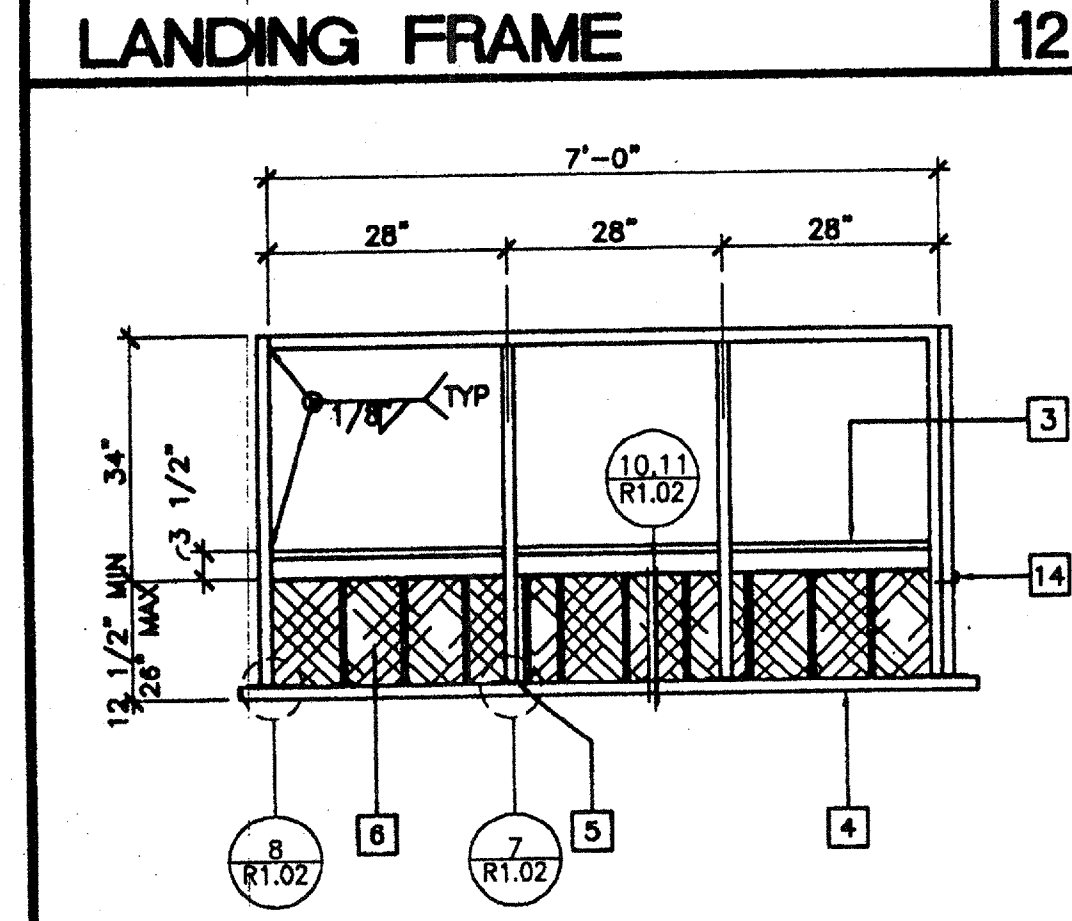
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RAMP FRAME 7



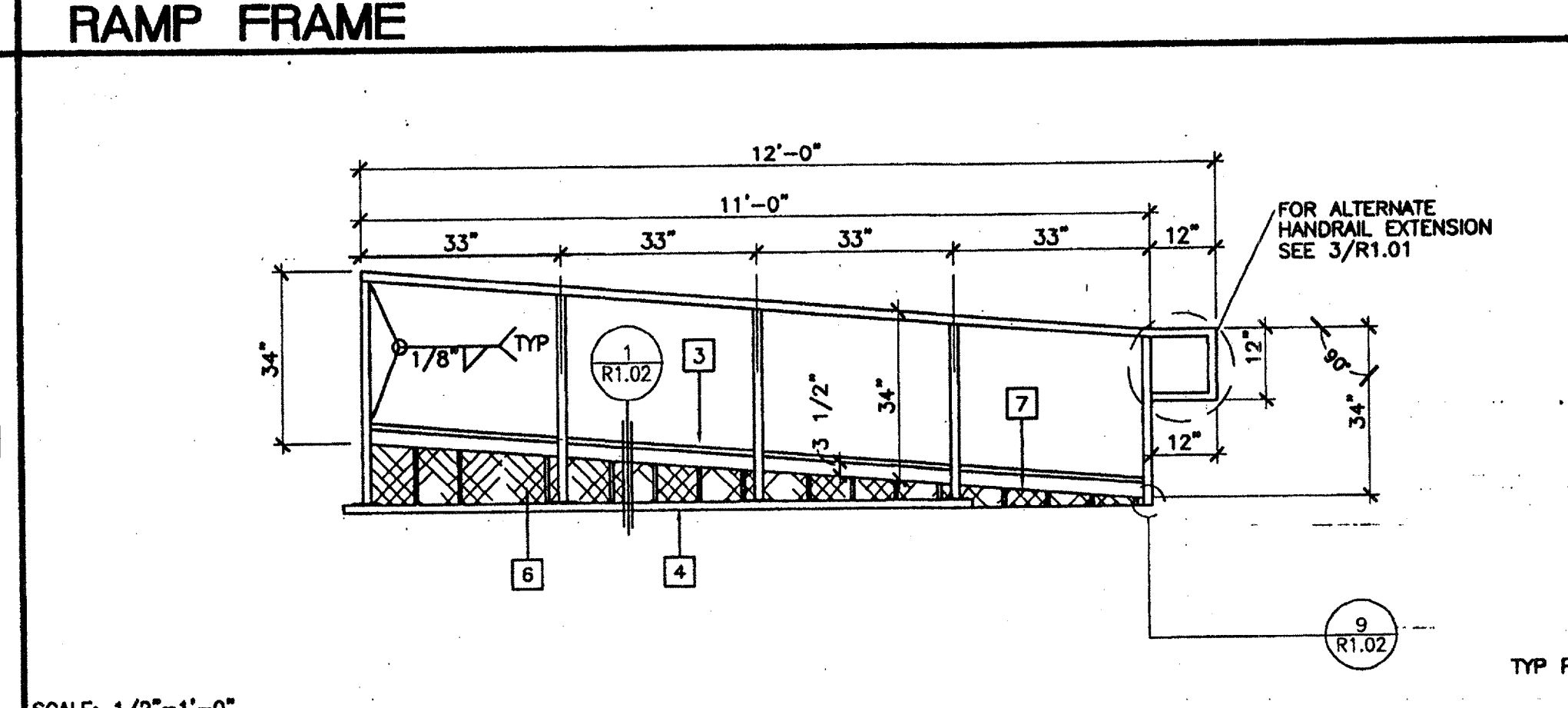
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING 1



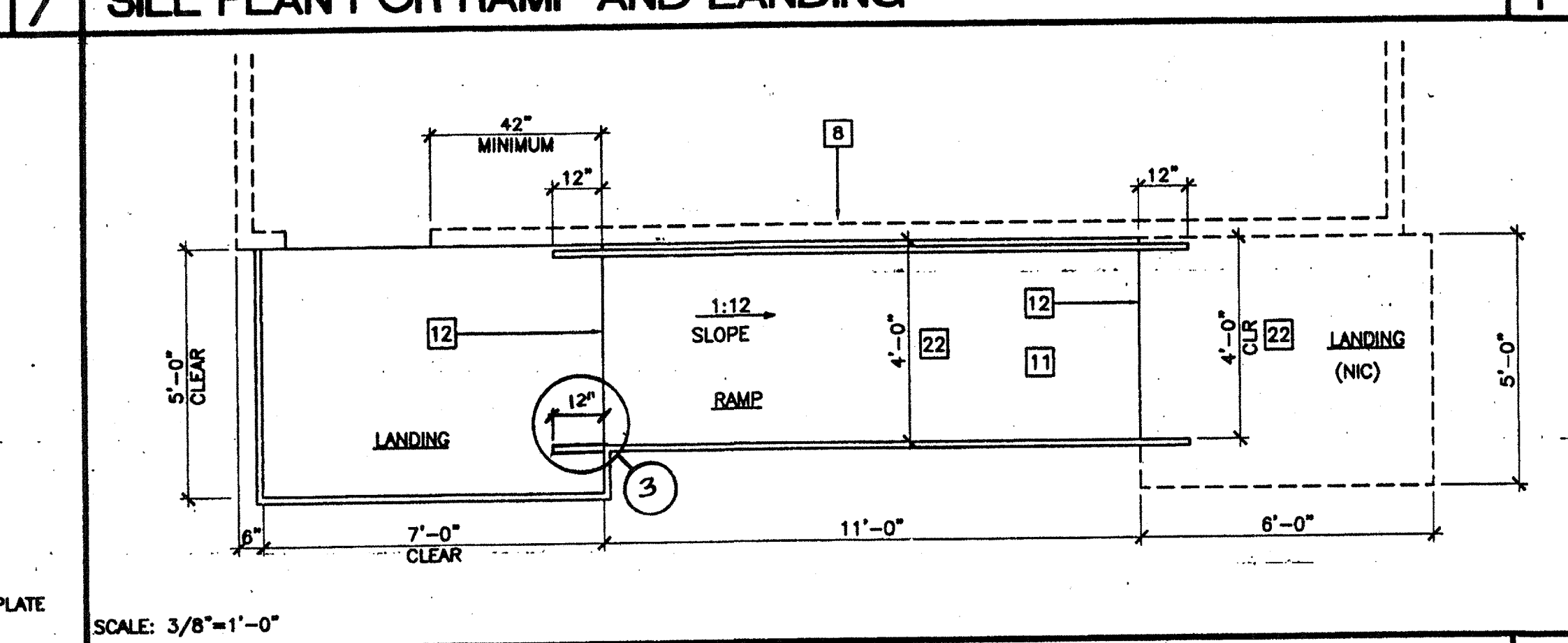
SCALE: 1/2"=1'-0"

LANDING ELEVATION 13



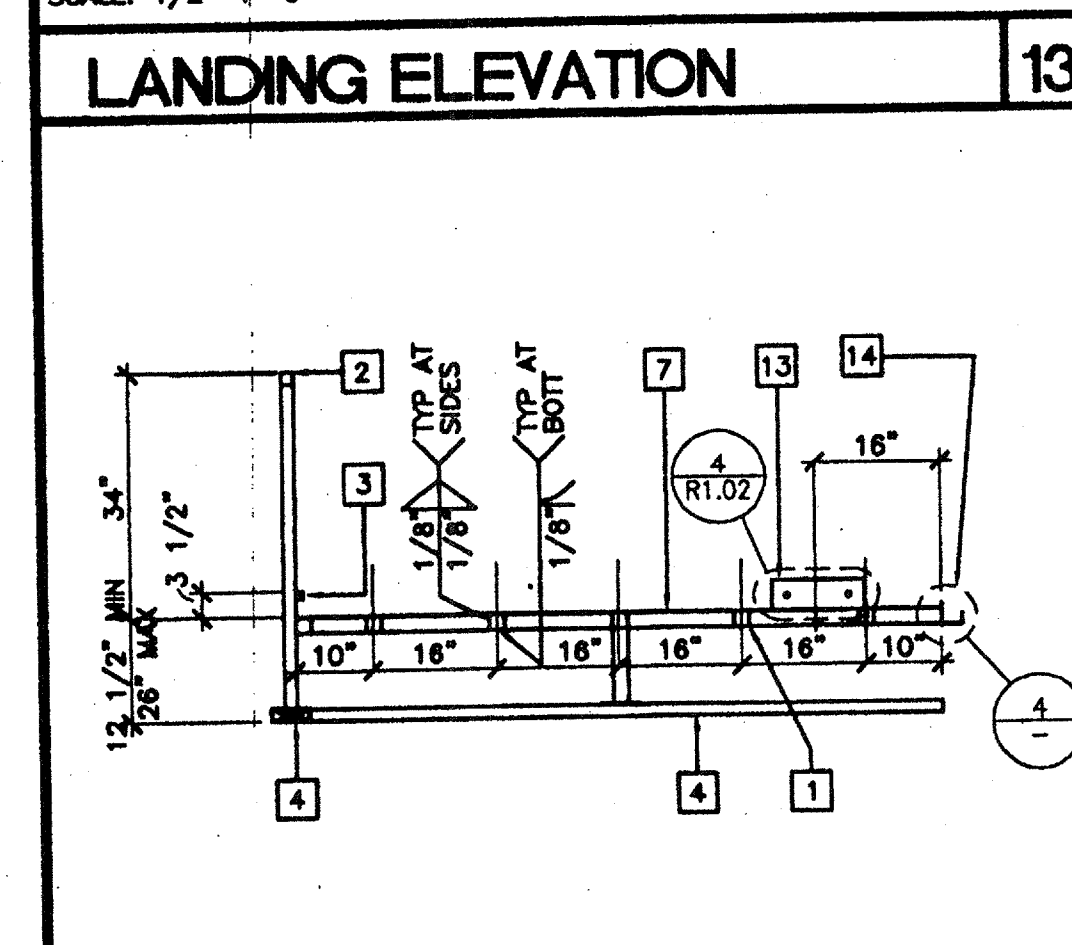
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RAMP ELEVATION 8



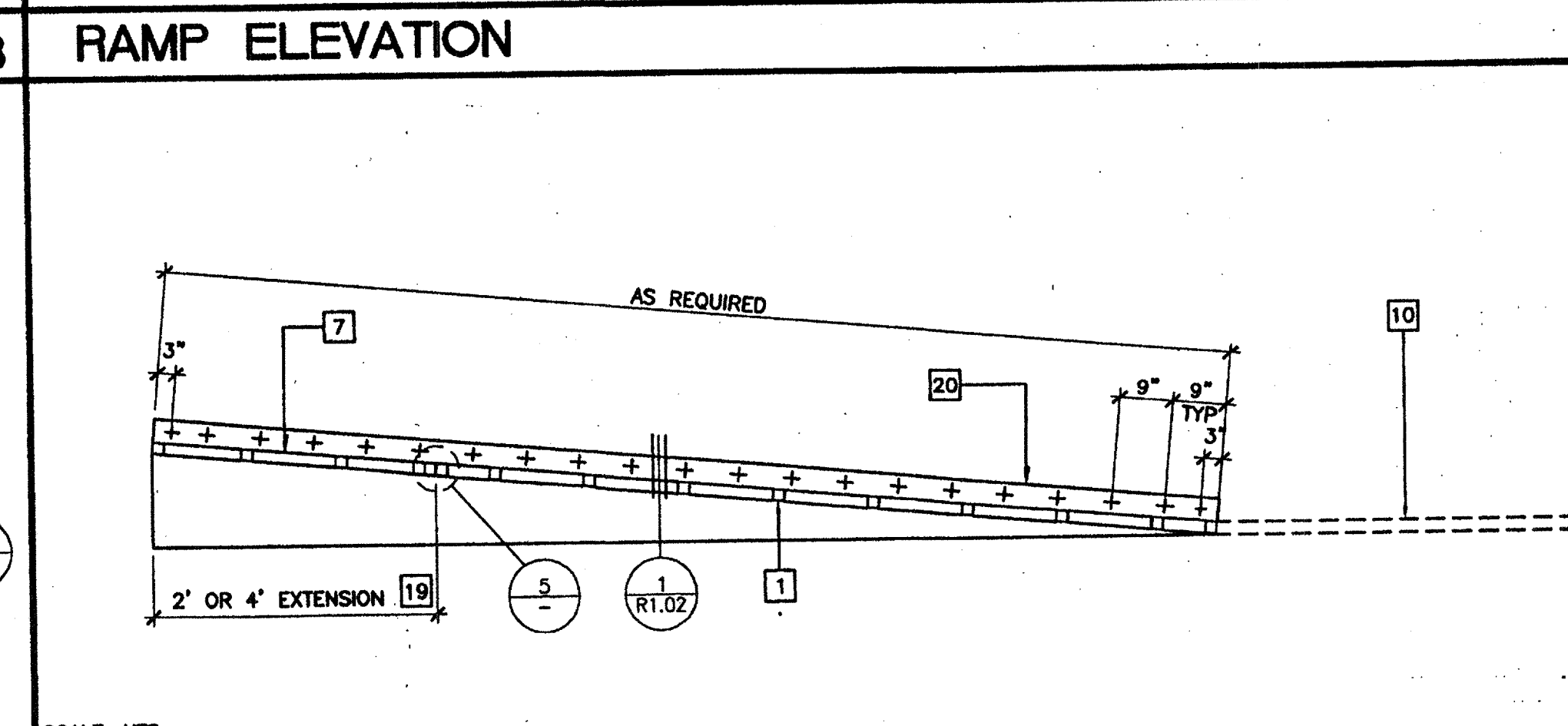
SCALE: 3/8"=1'-0"

RAMP AND LANDING AT BUILDING 2



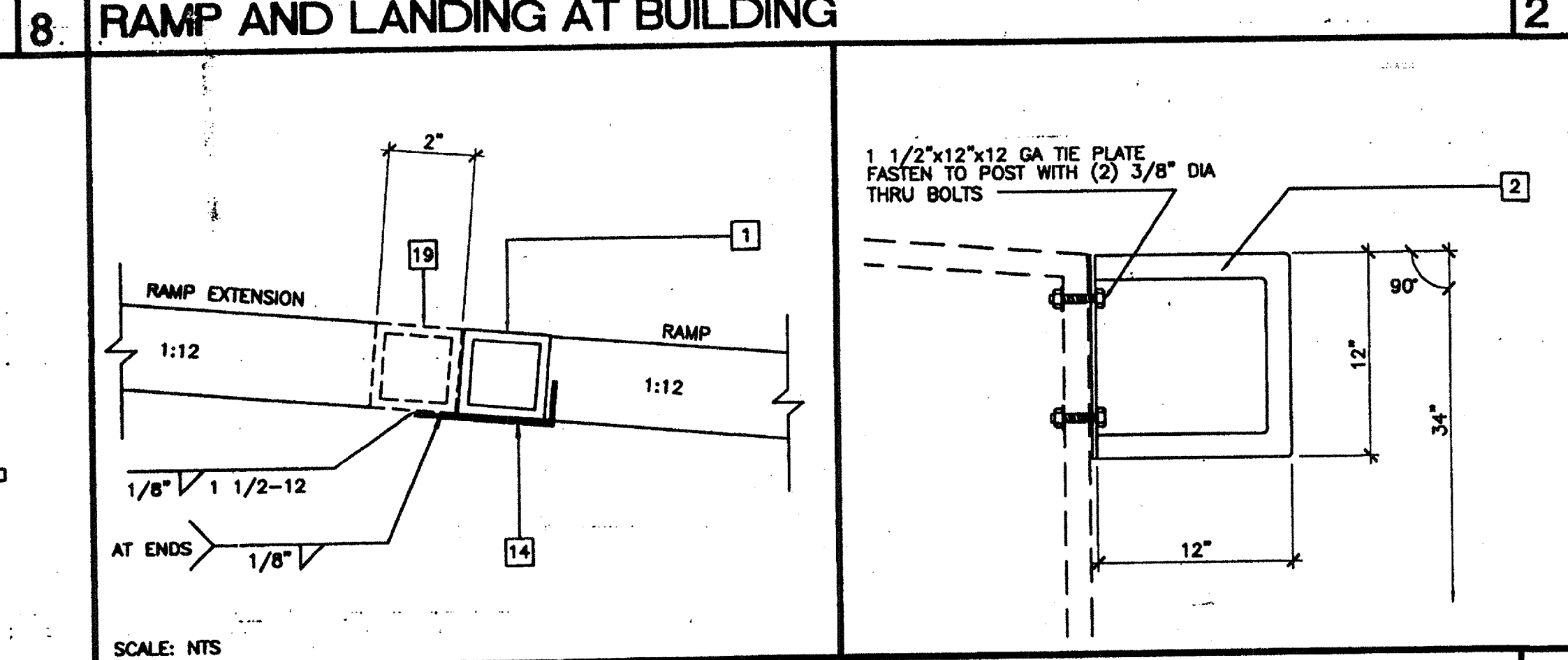
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SECTION AT LANDING 14



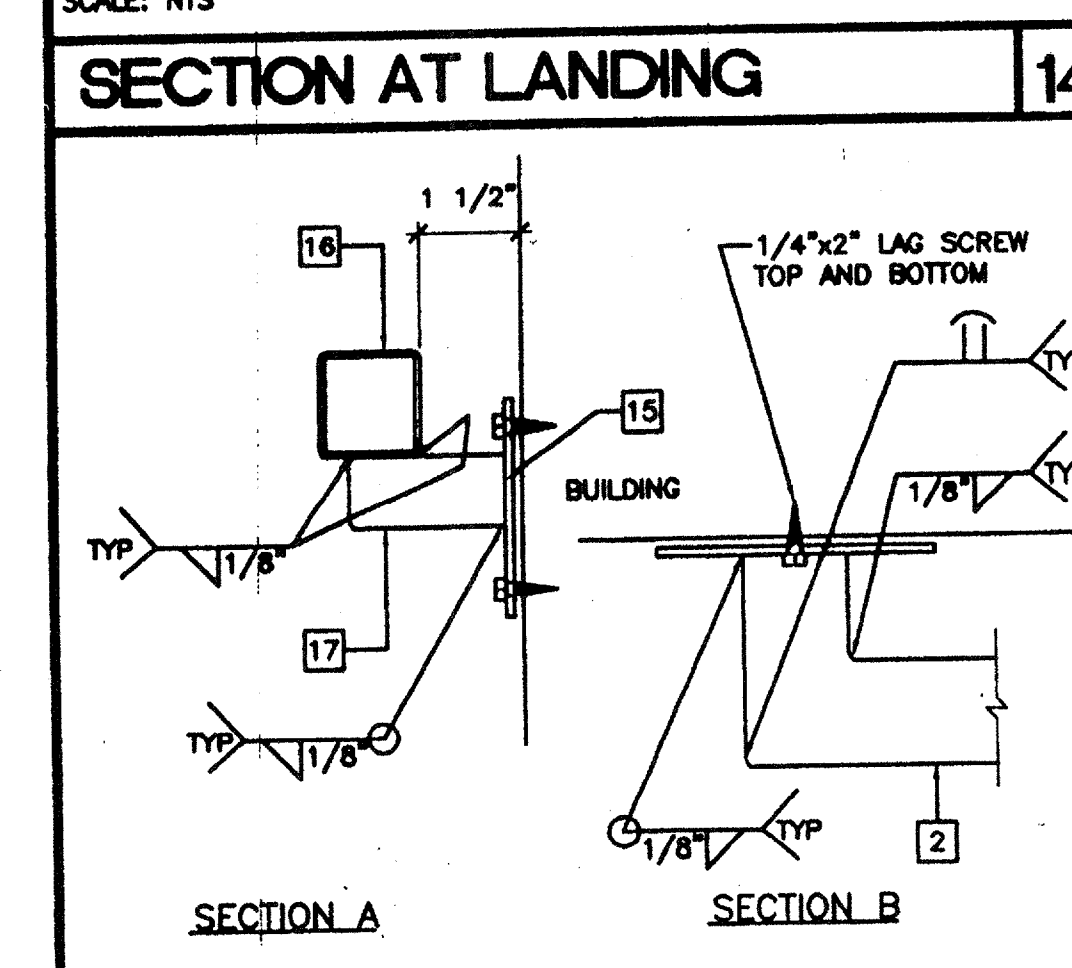
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LONGITUDINAL SECTION AT RAMP 9



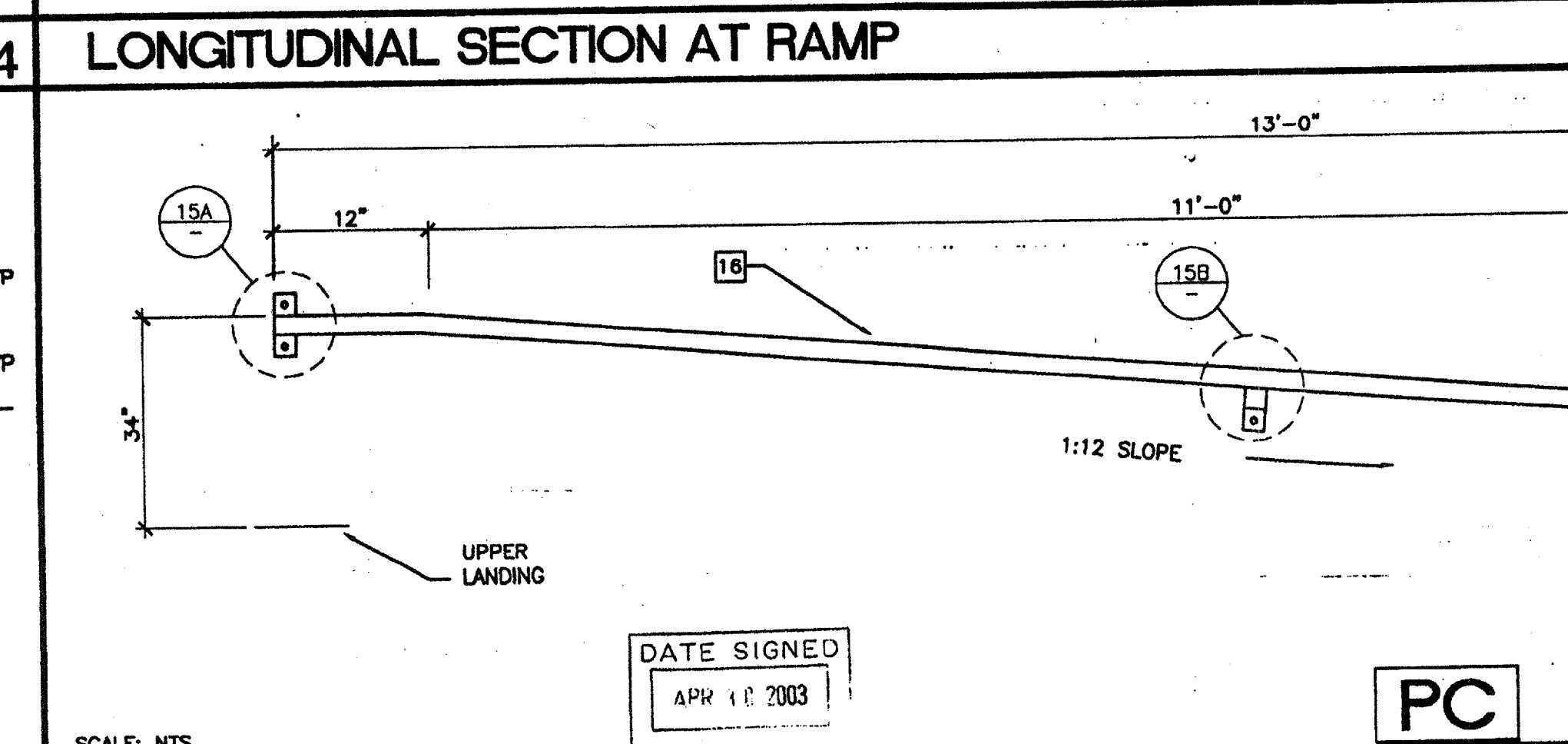
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RAMP EXTENSION TO RAMP 5



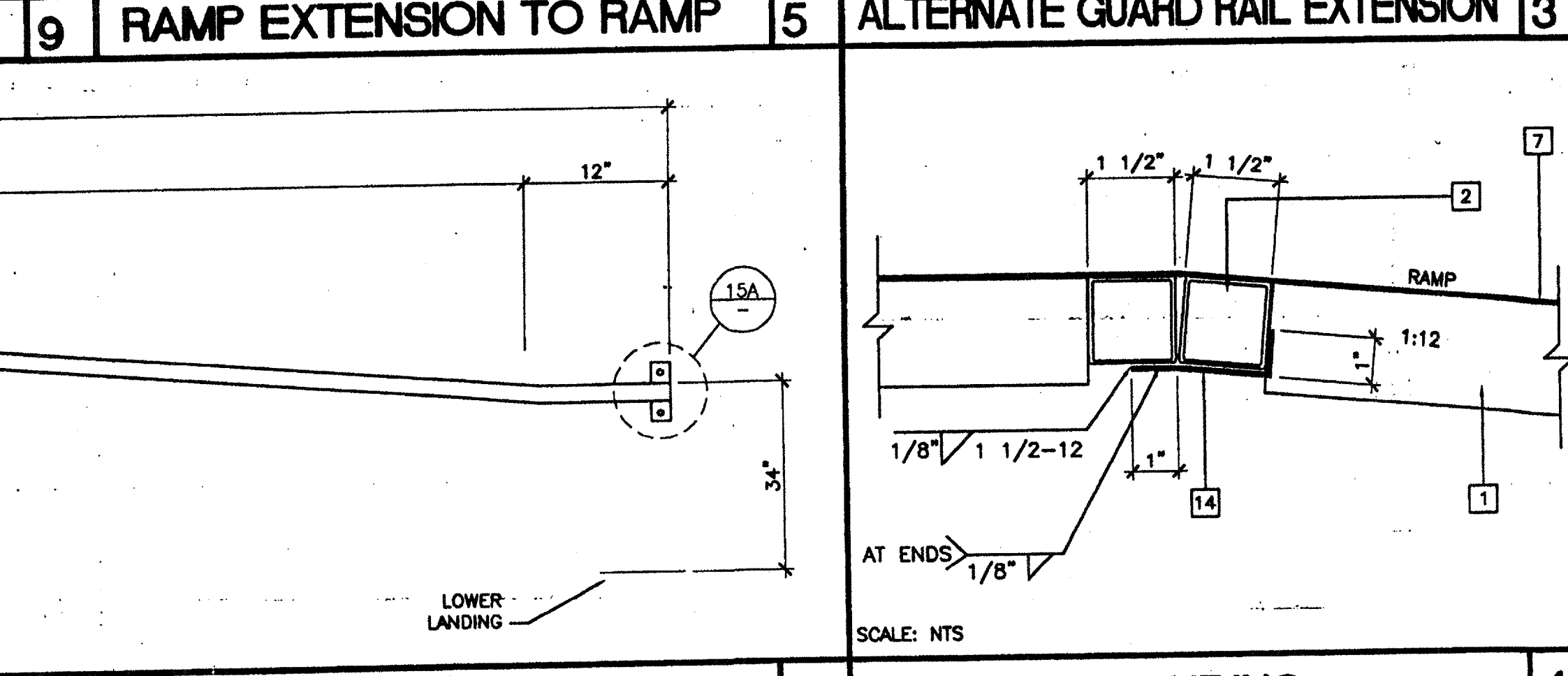
SCALE: NTS

HANDRAIL CONNECTION 15



SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 15



SCALE: NTS

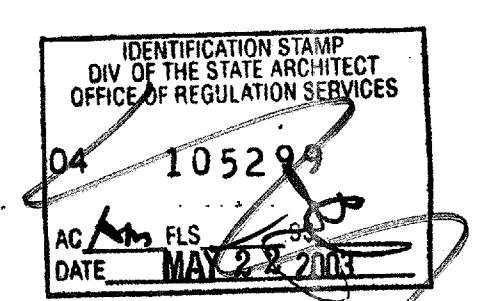
RAMP AT LANDING 4

KEY NOTES

- 1 TS 2"x2"x14 GA
- 2 TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). EASED OR ROUNDED 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 0.7 C.O.F. 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 RAMP
- 12 FLUSH TRANSITION
- 13 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
- 14 3"x1"x3"-0"x10 GA BENT PLATE
- 15 2"x4"x 1/8" PLATE
- 16 TS 1 1/2"x1 1/2"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED. ROUNDED OR BEVELED AT CORNERS
- 17 TS 1"x1"x16 GA RAIL SUPPORT
- 18 LINE OF RAMP/LANDING ABOVE
- 19 RAMP EXTENSION FRAME
- 20 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
- 21 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4"-0" LONG.
- 22 RAMP WIDTH MINIMUM CLEAR DIMENSION IS 4'-0" IF AT LEAST TWO EXIT/DISCHARGE ARE REQUIRED OR 5'-0" IF ONLY ONE EXIT/DISCHARGE IS REQUIRED. SEE CBC1133B.5.2.2

NOTES

1. RAMP: RAMP SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING AND RAMP TO HAVE NON-SLIP 0.7 MIN. COEFFICIENT OF FRICTION 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)



REVISIONS	DESCRIPTION	DATE

Electrical Engineer's Seal
Mechanical Engineer's Seal
PC Professional of Record Seal
Architect's Seal

DATE SIGNED: APR 10 2003

PC

CBC 2001

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AC 1/15/03
DATE 6/11/03

MODTECHTM INC.
2830 BARRETT AVENUE PERRIS, CALIF. 92571
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PROJECT NUMBER: 4012-125

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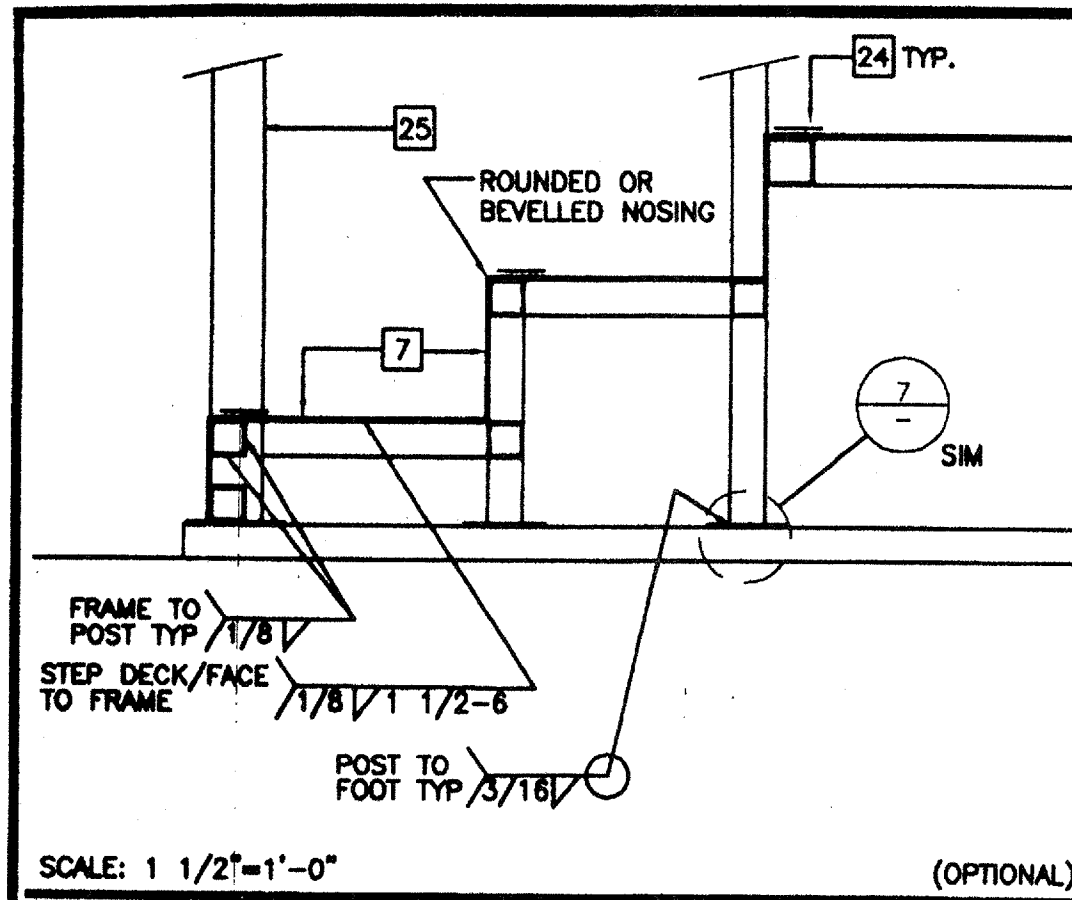
CLASS LEASING INC STOCKPILE # 70
100-24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

DRAWN BY: STKP-70
DATE: 05-22-03

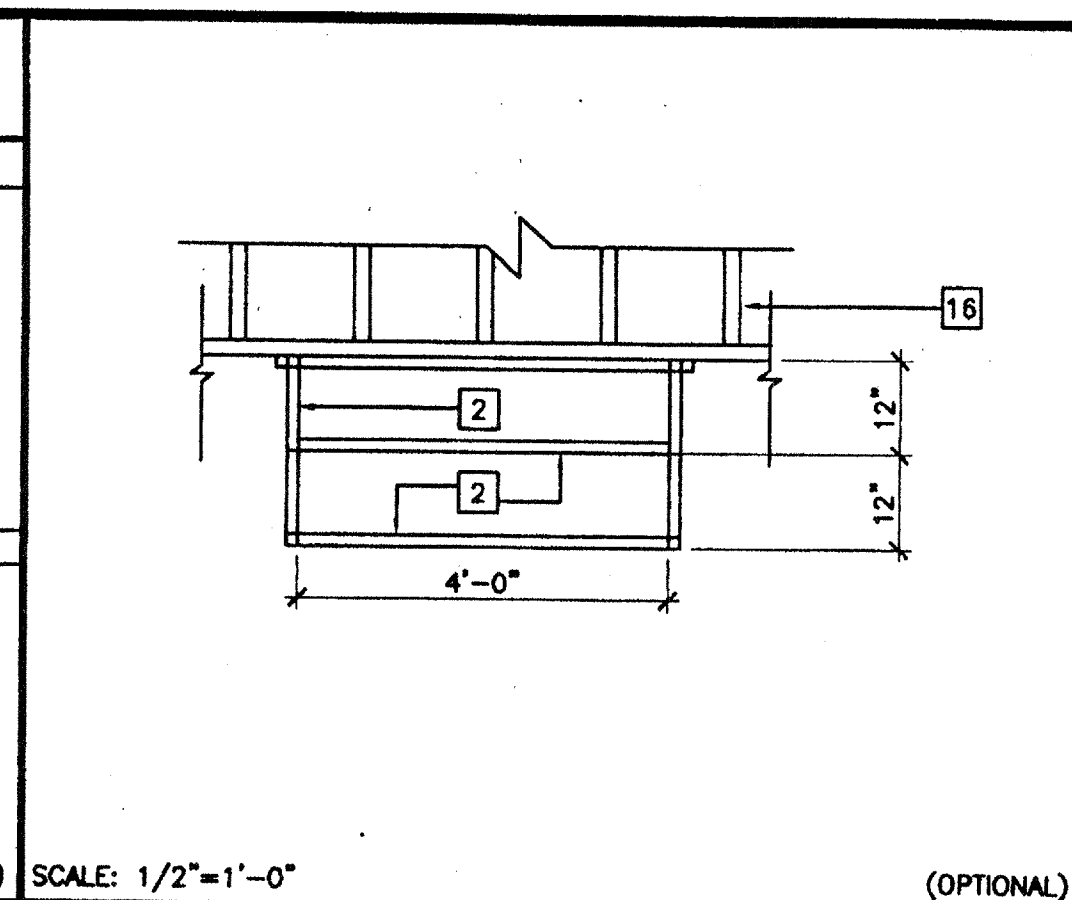
CHECKED BY: [Signature]
DATE: [Date]

MODTECH Index No. **R1.01**

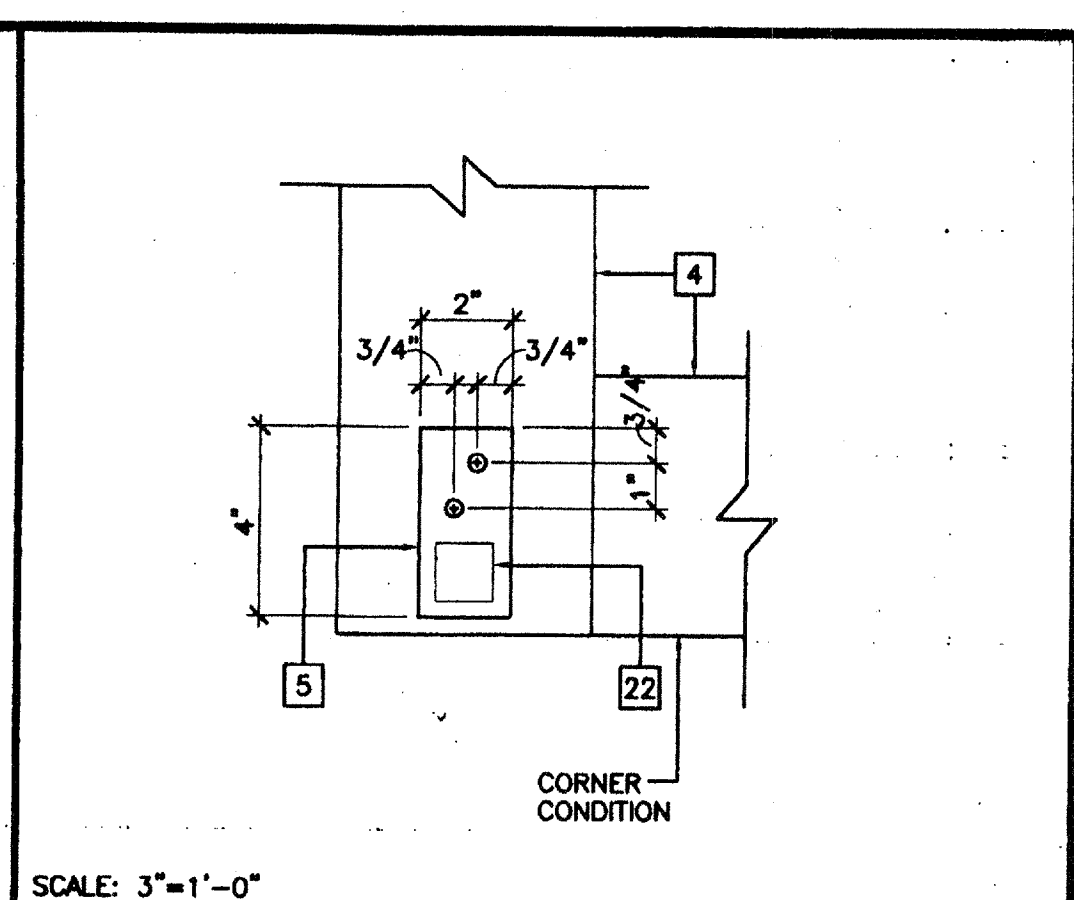
4 FOOT RAMP AND LANDING PLAN



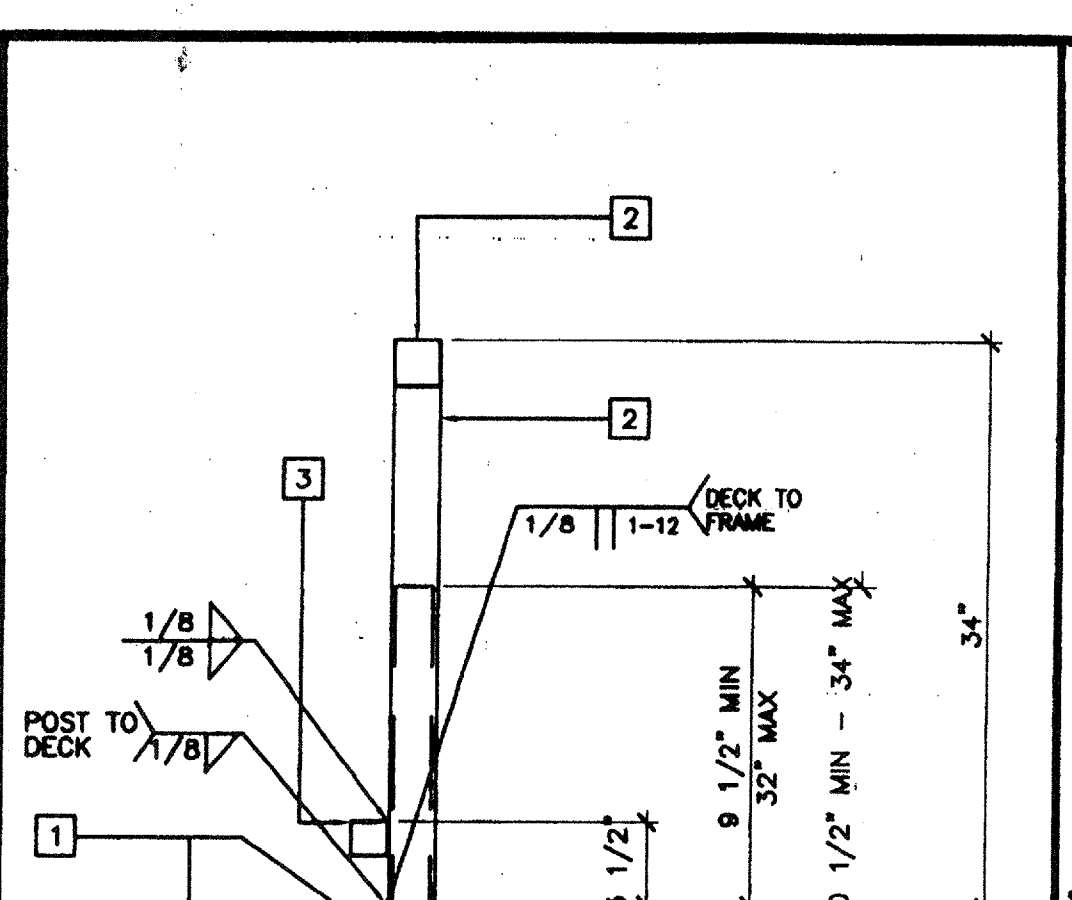
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STAIR SECTION 16



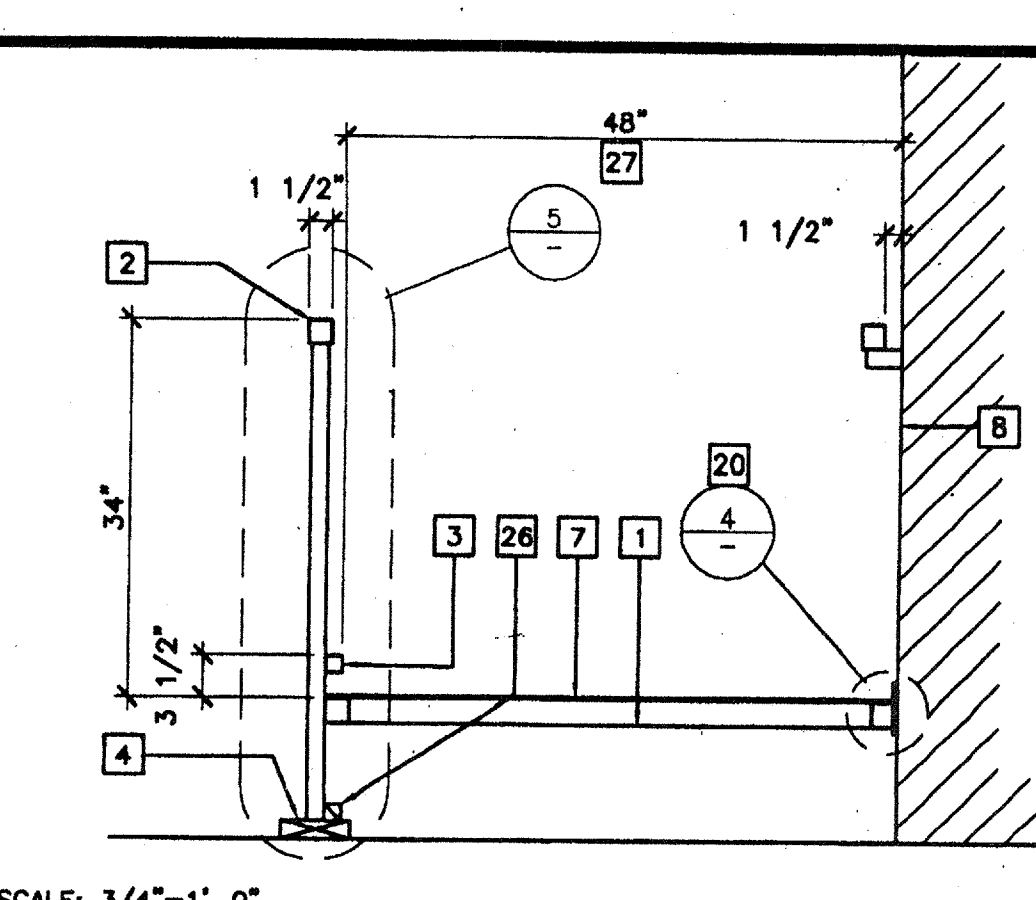
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STAIR FRAMING PLAN 12



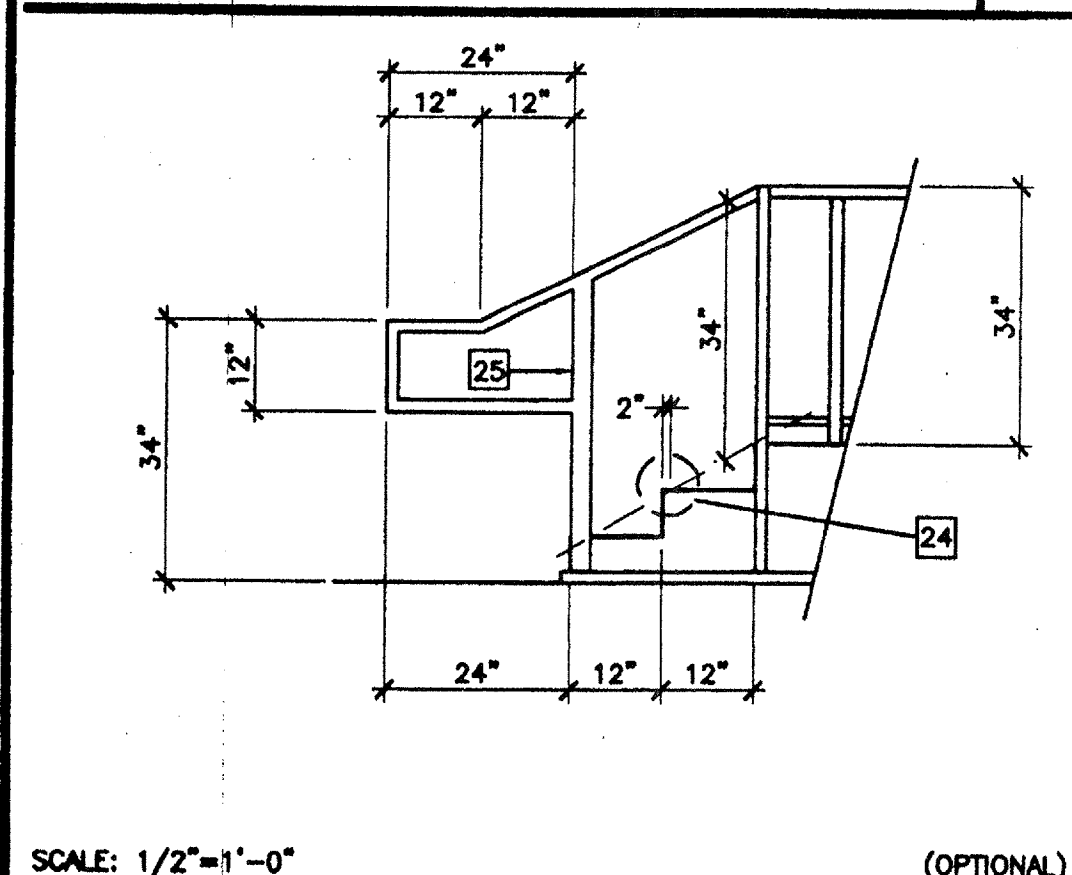
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ADJUSTABLE LEG BASE PLATE 8



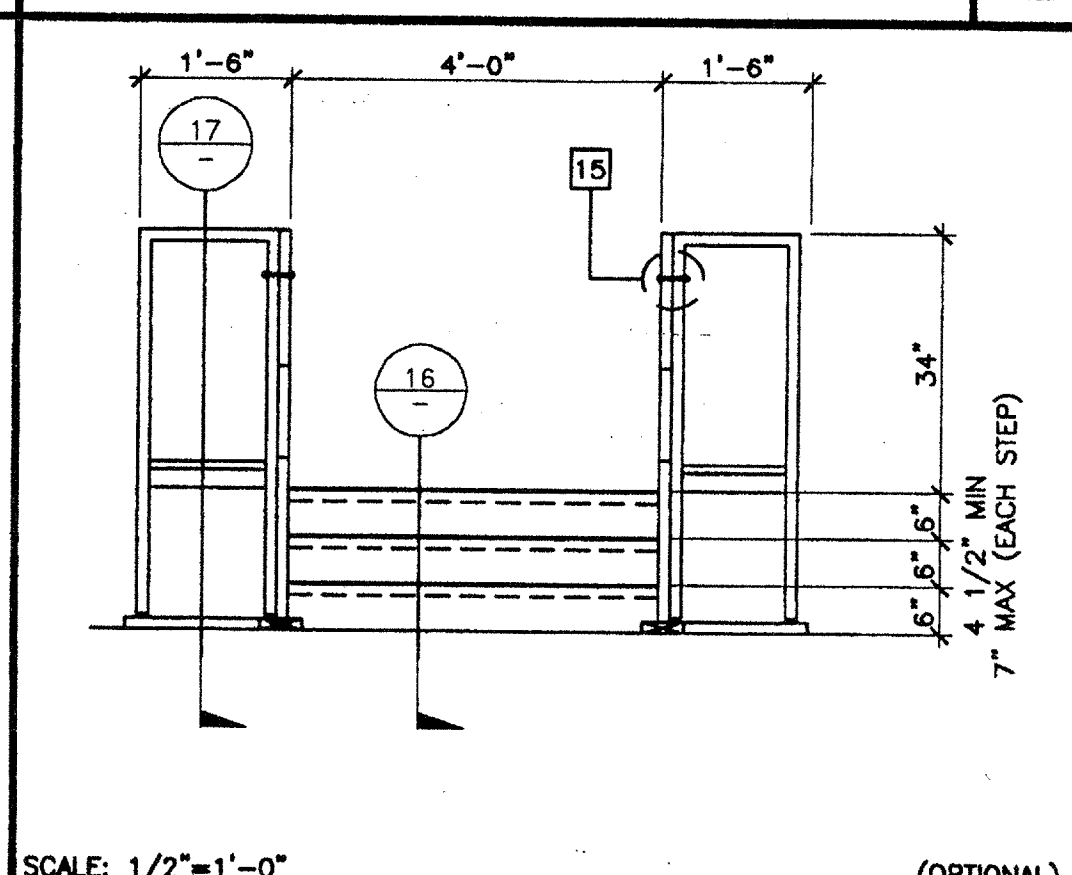
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ADJUSTABLE LEG 5



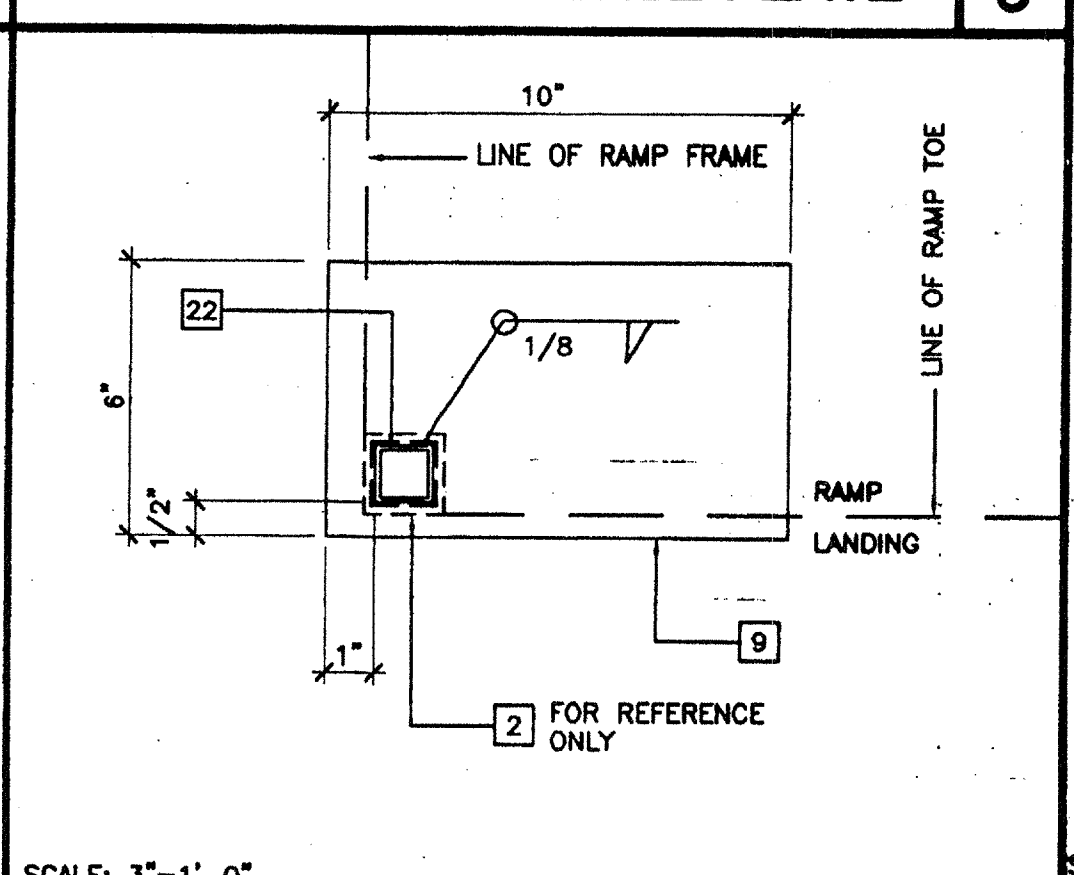
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SECTION AT RAMP 1



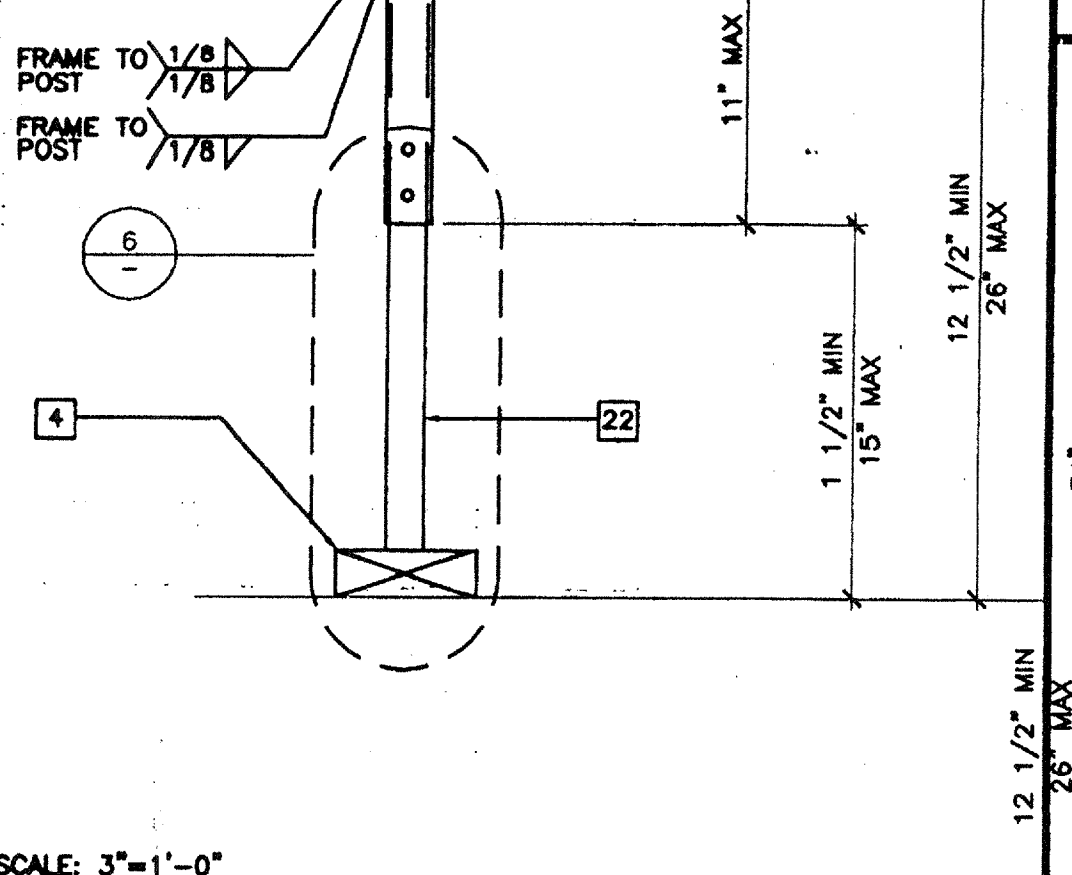
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STAIR ELEVATION 17



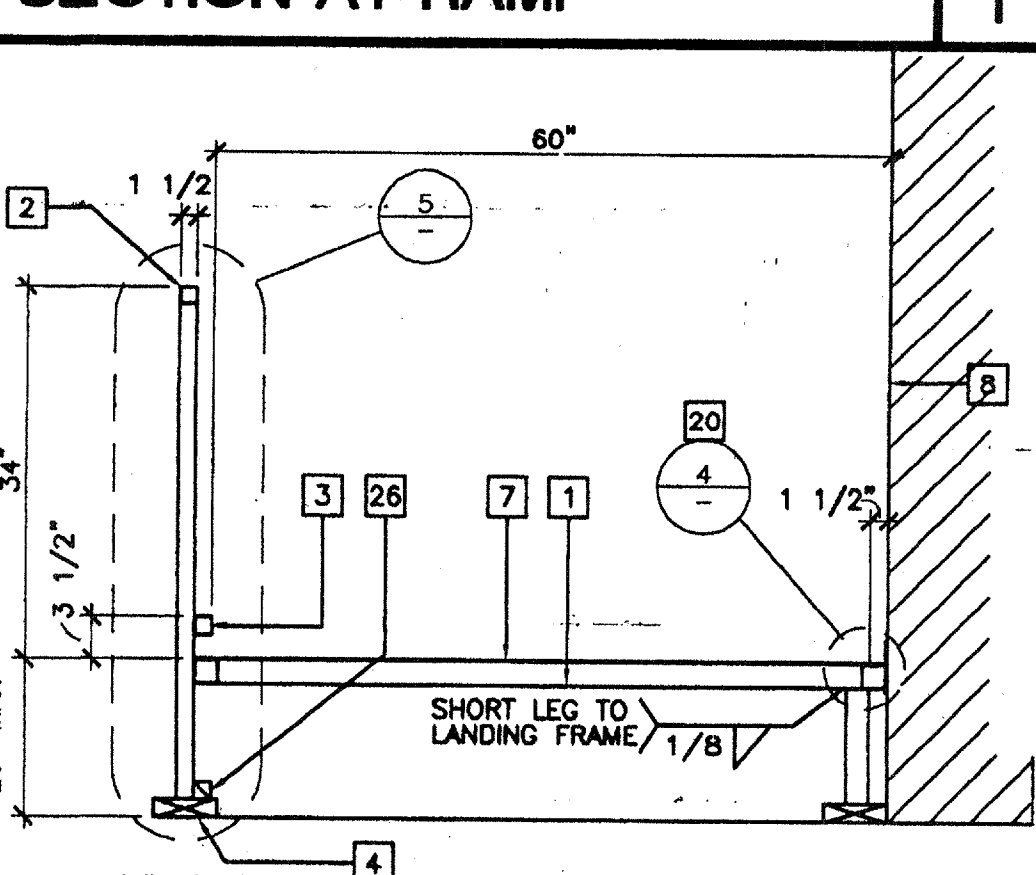
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STAIR ELEVATION 13



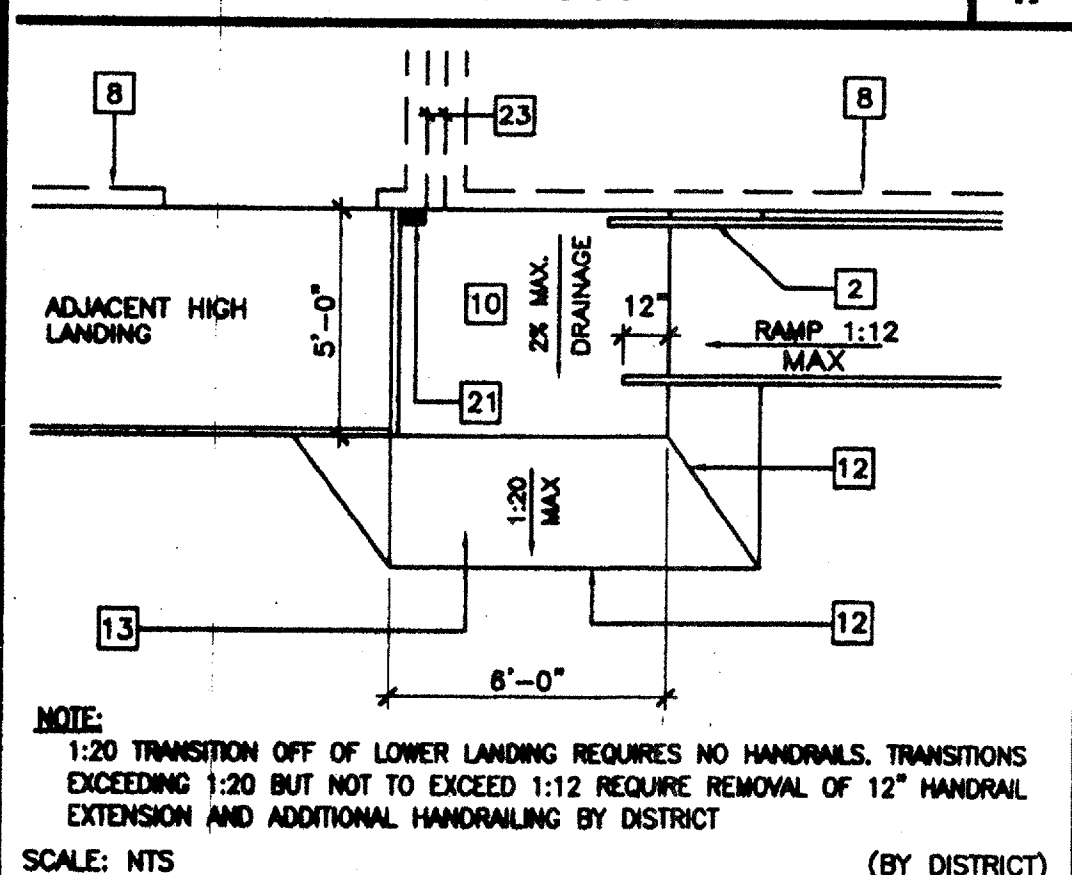
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BASE PLATE AT RAMP TOE 9



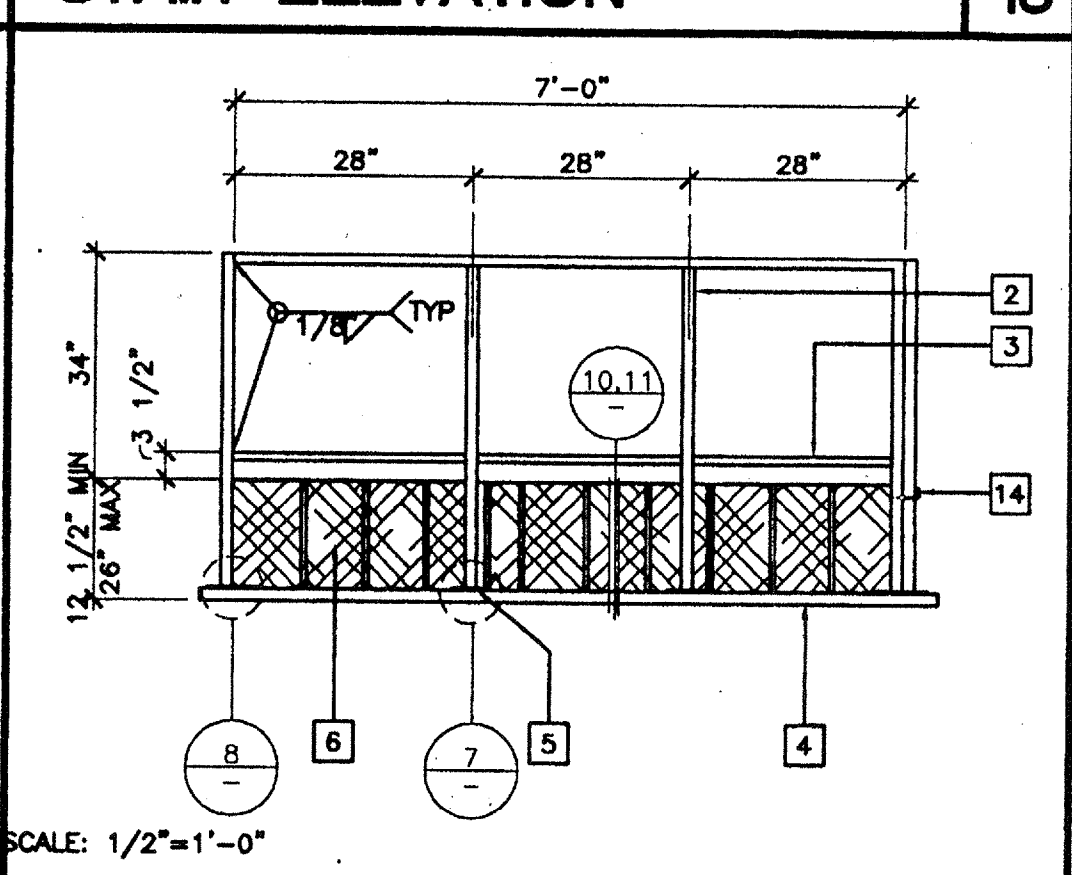
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ADJUSTABLE LEG 5



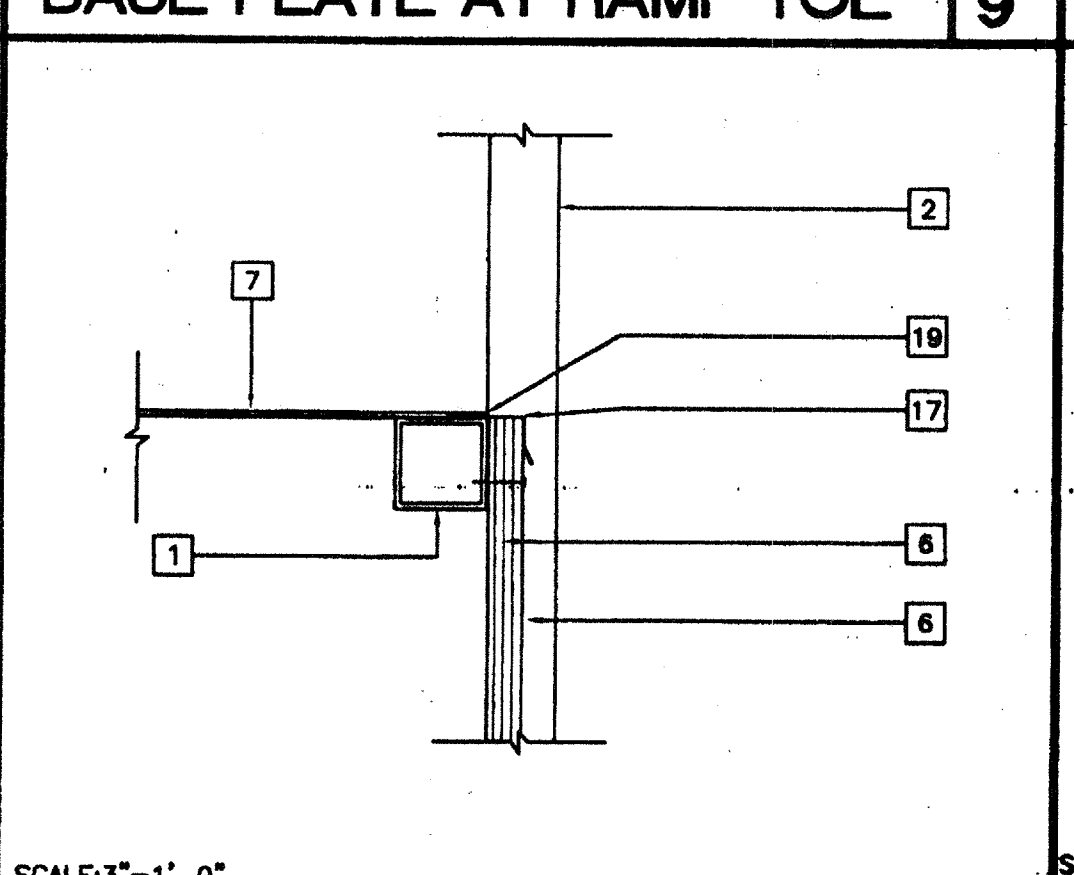
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SECTION AT LANDING 2



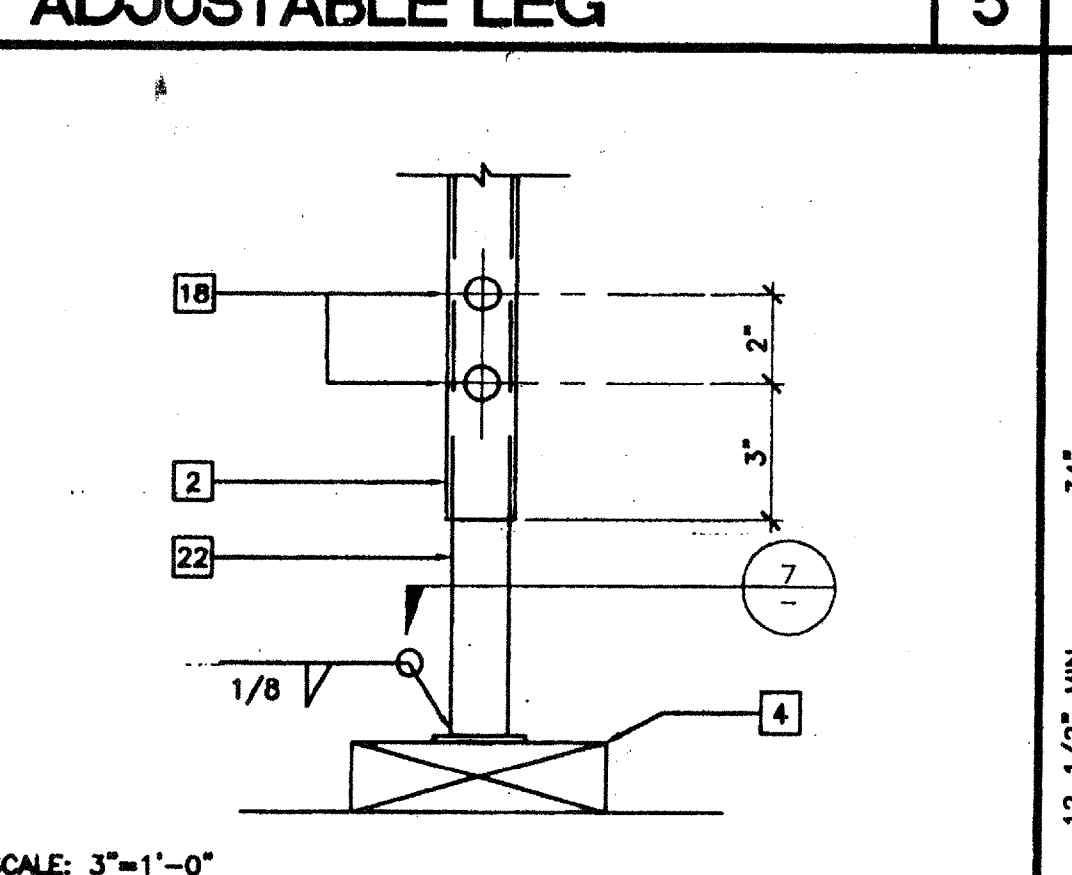
SCALE: NTS (BY DISTRICT)
RAMP TRANSITION 18



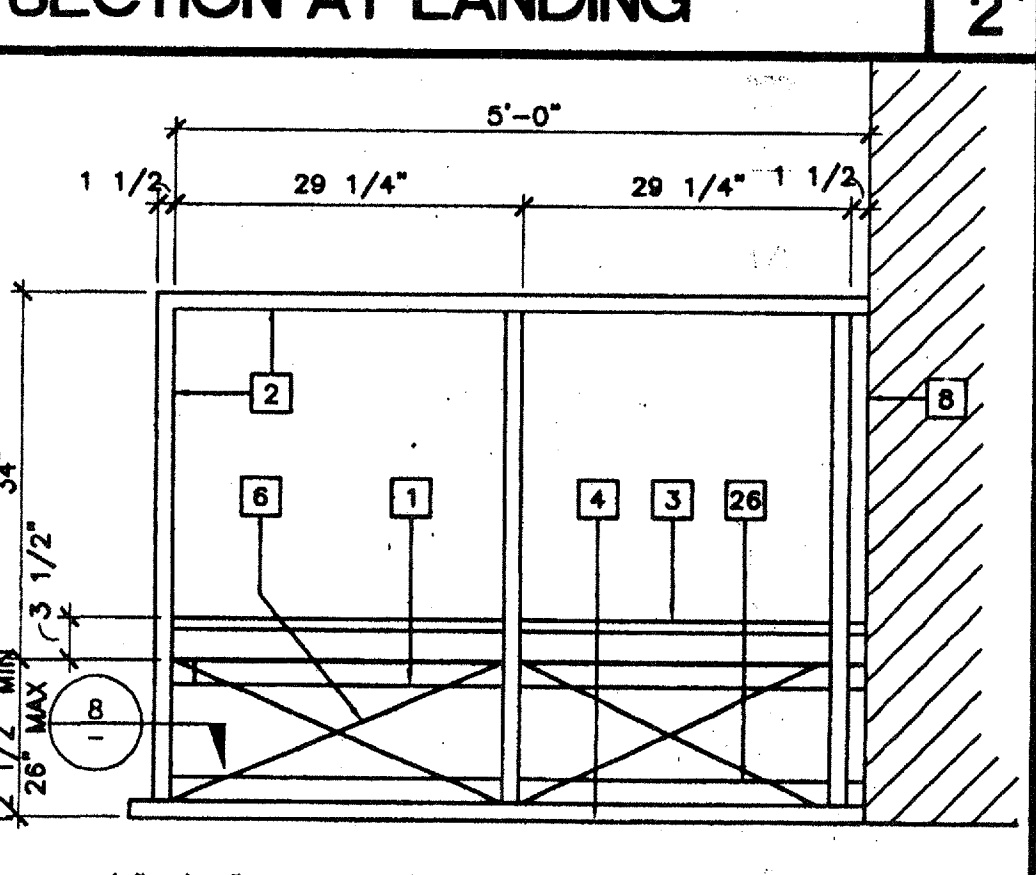
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LANDING ELEVATION 14



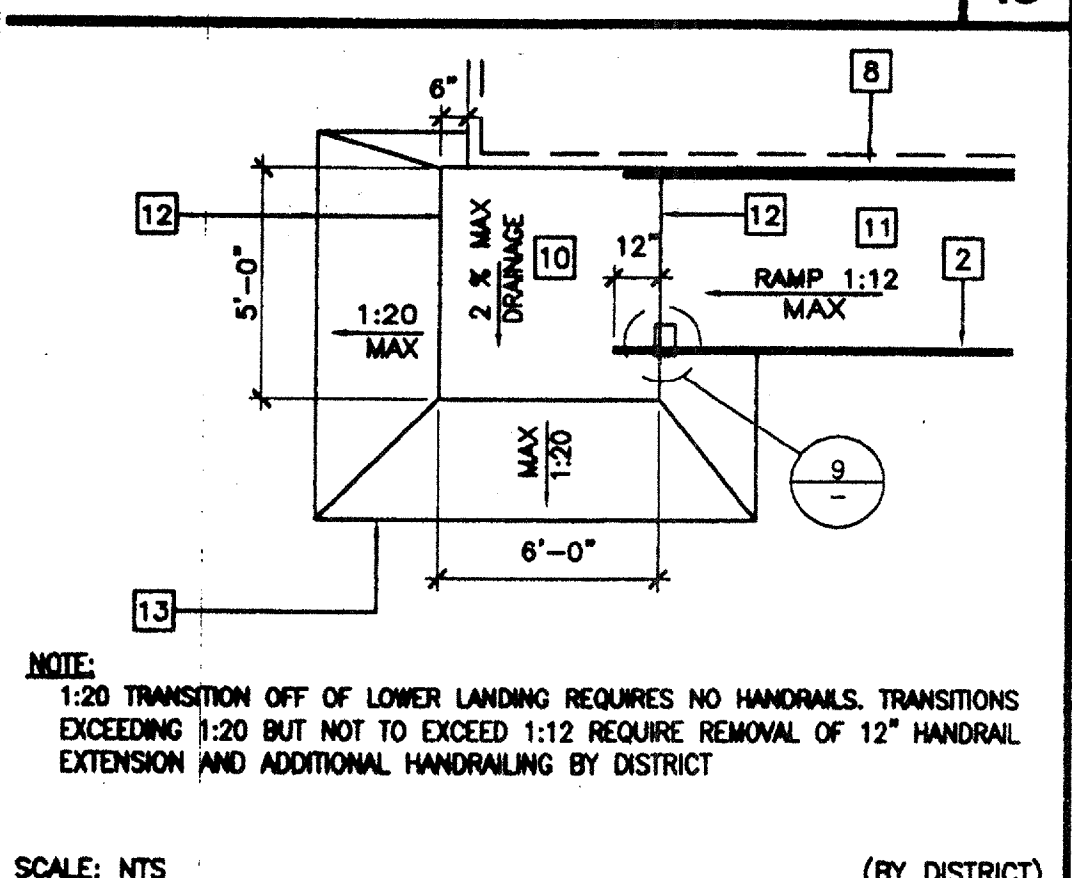
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SKIRT FLASHING 10



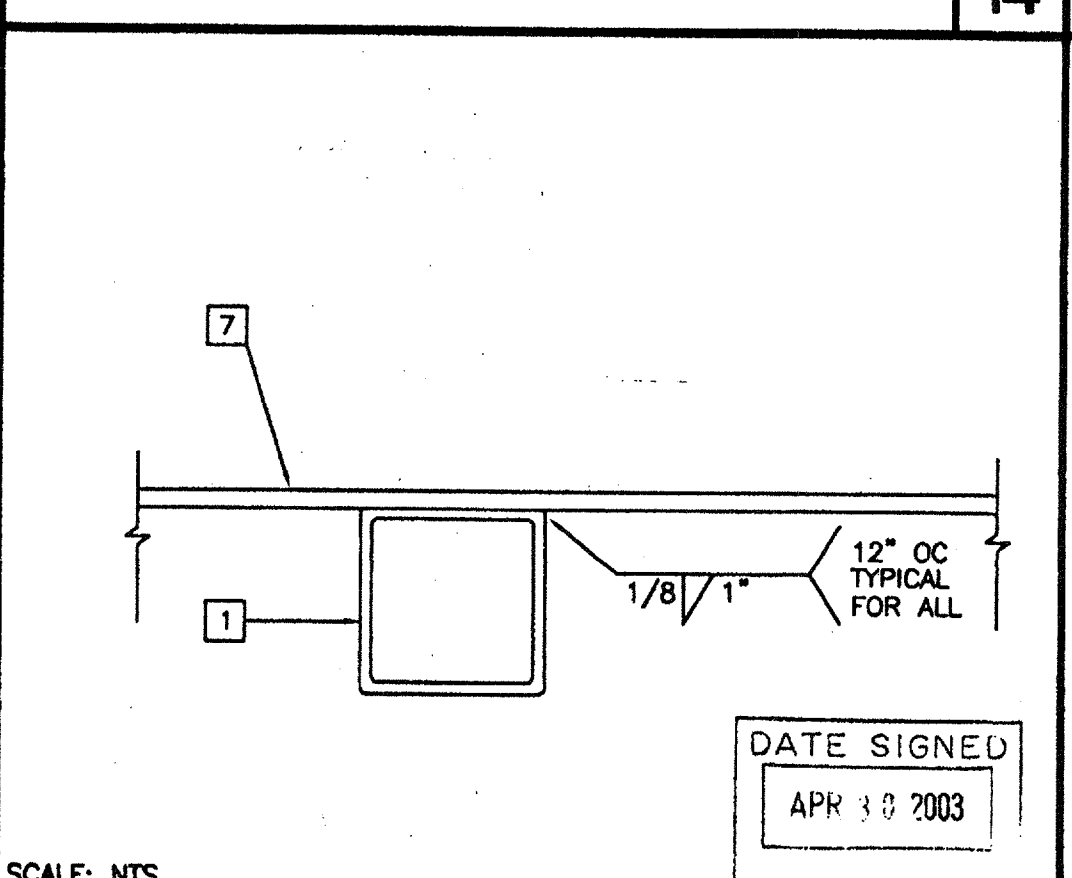
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ADJUSTABLE LEG 6



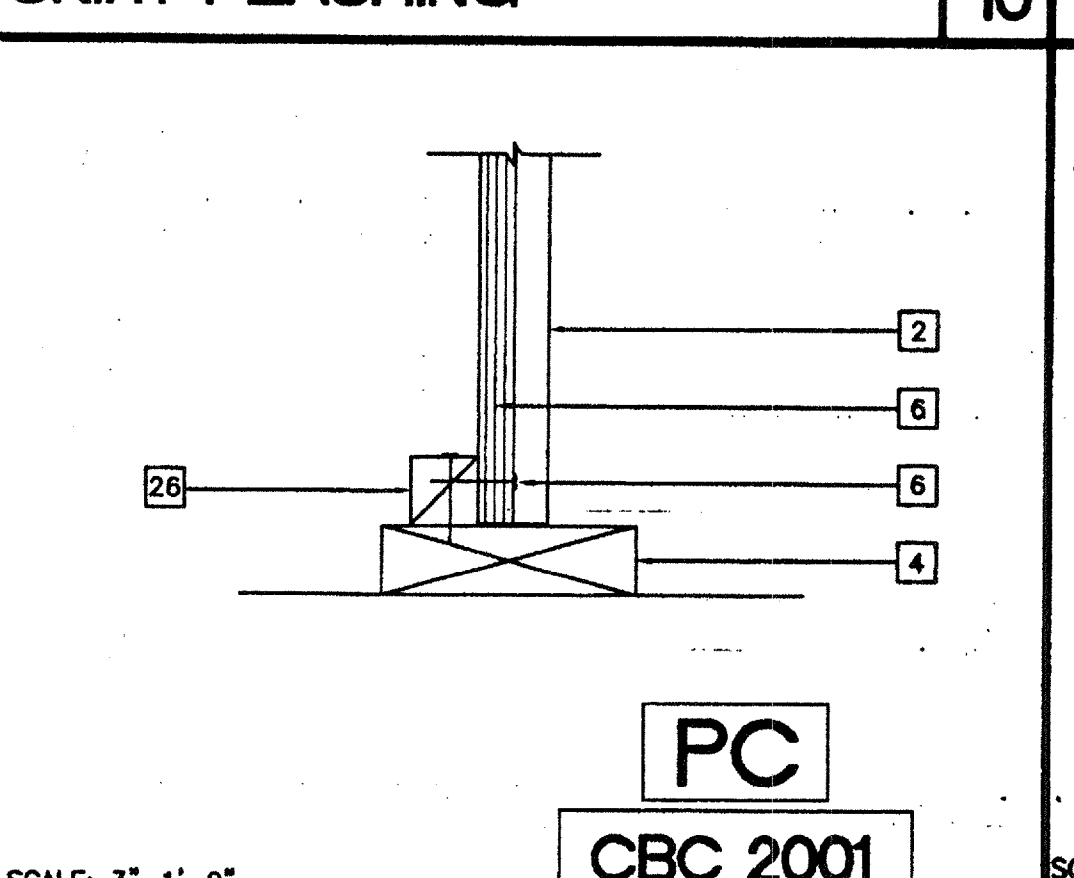
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END ELEVATION 3



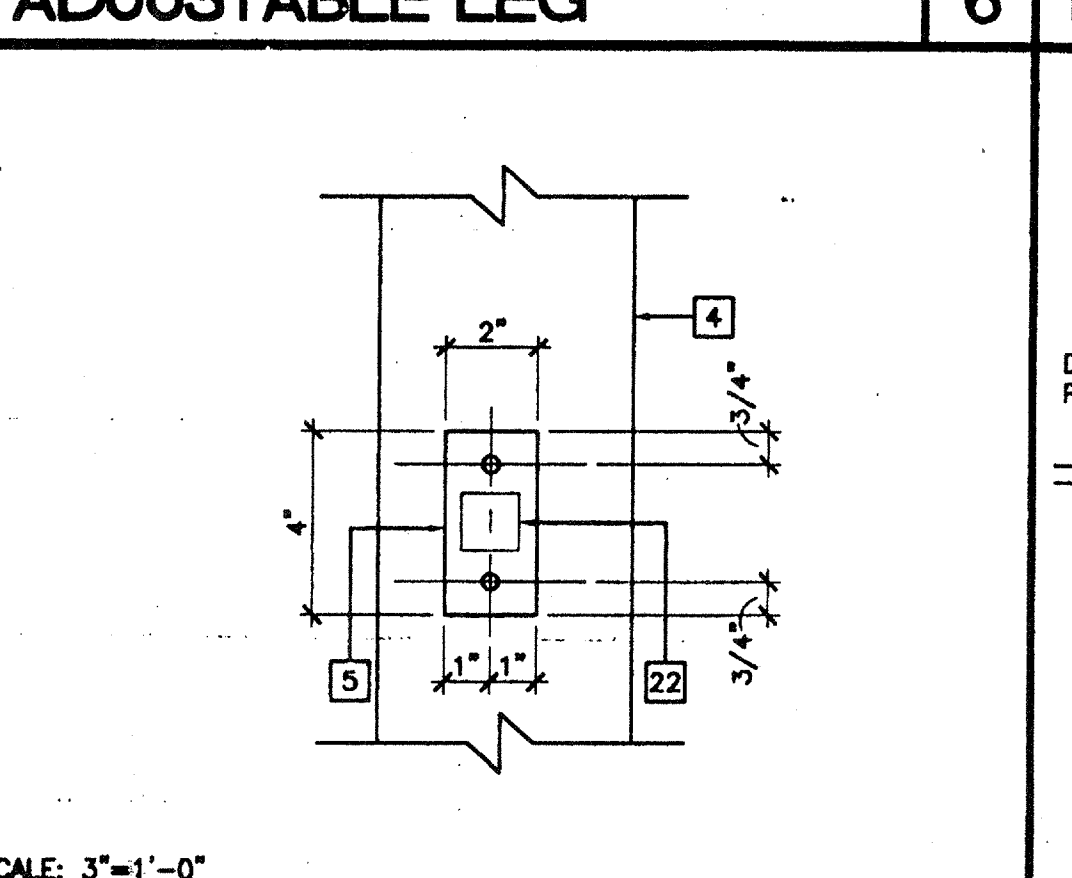
SCALE: NTS (BY DISTRICT)
RAMP TRANSITION 19



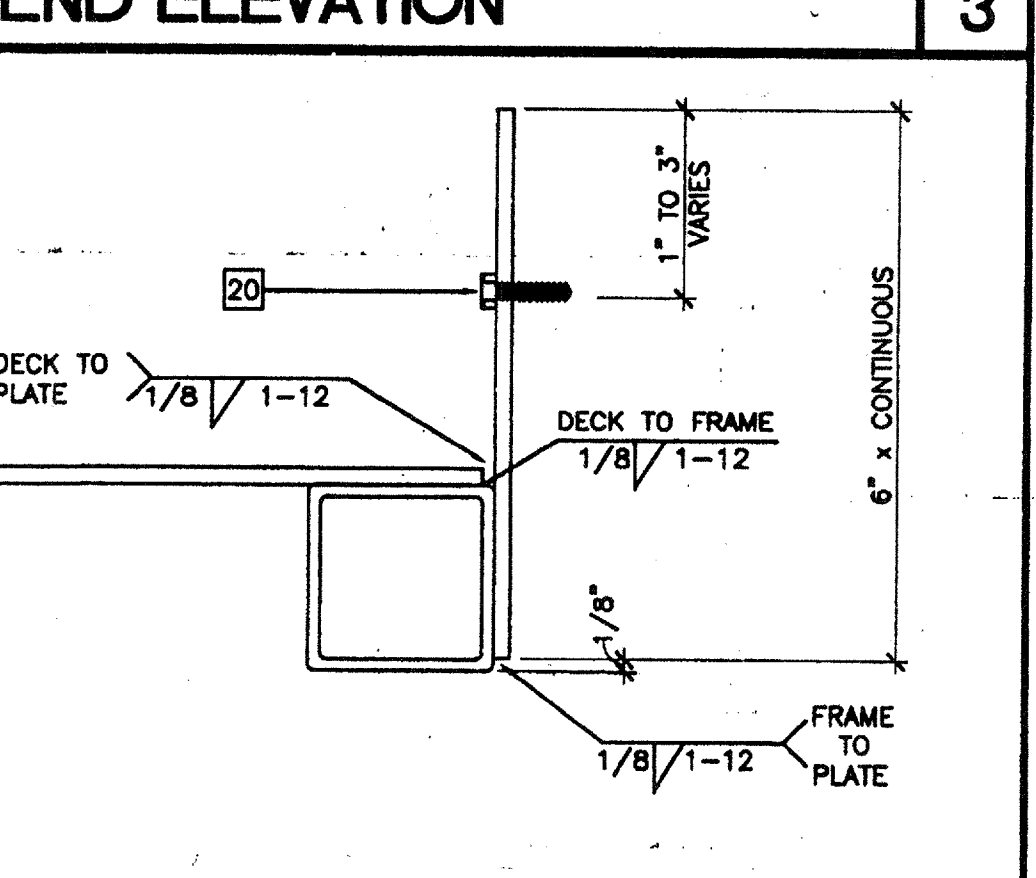
SCALE: NTS
SECTION AT INTERIOR FRAME 15



SCALE: 3"=1'-0" (OPTIONAL)
SKIRT AT SILL PLATE 11



SCALE: 3"=1'-0" (OPTIONAL)
ADJUSTABLE LEG BASE PLATE 7



SCALE: NTS
SECTION AT PLATE 4

- KEY NOTES**
- TS 2"x2"x14 GA
 - TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI), EASED OR ROUNDED CORNERS.
 - TS 1"x1"x16 GA WHEELCHAIR GUIDE
 - 2"x8" PRESSURE TREATED SILL PLATE
 - 2"x4"x12 GA BASE PLATE WITH 2-1/4"x1" LAGS
 - SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH Bd AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TS. USE #14x2" TEK SCREWS AT 6" OC
 - 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.7 C.O.F. MAINTAINABLE FOR 1 YR. PROVIDE ROUNDED OR BEVELLED EDGES ON STAIR NOSING
 - EXISTING BUILDING.
 - 8"x10"x12 GA BASE PLATE AT RAMP TOE.
 - LOWER LANDING BY DISTRICT
 - RAMP BY MODTECH RAMP
 - FLUSH TRANSITION
 - PAVE BY DISTRICT
 - 3"x1"x3'-0"x10 GA BENT PLATE
 - FASTEN POSTS WITH 3/8" DIA THRU BOLT, TYPICAL
 - RAMP LANDING, TYPICAL
 - 26 GA FLASHING
 - 3/8" DIAx2" LONG MB WITH NUT & WASHERS
 - CAULKING
 - 8"x10GA CONTINUOUS PLATE WITH #14x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO METAL AT 9" OC
 - PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
 - TS 1 1/4"x1 1/4"x14-GA. (Fy = 39 KSI)
 - 4" MINIMUM BUILDING SEPARATION
 - 2" SLIP RESISTANT WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
 - TS 2 1/2"x1 1/2"x8 GA ASTM A500 GRADE A
 - 2"x2" NAILER WITH 16d AT 12" OC
 - RAMP WIDTH MINIMUM CLEAR DIMENSION IS 4'-0" IF AT LEAST TWO EXIT/DISCHARGE ARE REQUIRED OR 5'-0" IF ONLY ONE EXIT/DISCHARGE IS REQUIRED. SEE CBC11338.5.2.2

REVISIONS

Electrical Engineer's Seal
 Mechanical Engineer's Seal
 PC Professional of Record Seal
 Architects Seal

DATE SIGNED
 APR 30 2003

PC
 CBC 2001

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-04
 104801
 AC: PLS
 DATE: 6/1/03

MODTECH™
 2830 BARRETT AVENUE PH (909) 943-4014
 PERRIS, CALIF. 92571 FAX (909) 940-0427

PROJECT NUMBER: 4012-125
 © MODTECH, INC. 2002
 CLASS LEASING INC STOCKPILE # 70
 100-24 X 40 CLASSROOM BUILDINGS
 4012-125 05-22-2003 80 MPH

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 105299
 AC: PLS
 DATE: MAY 22 2003

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 17095
 AC: PLS
 DATE: 05/17/2006

DRAWN BY: STKP-70
 DATE: 05-22-03
 CHECKED BY:
 DATE:
 MODTECH Index No.
R1.02

FILE PATH: 2440-RT.02.DWG
 PROJECT NO. PC-04-104801

STOCKPILE # PC - 282

RELOCATABLE BUILDING (S) FOR CLASS LEASING

STOCKPILE # 40 50 - 24' X 40'

LEGEND	
SYMBOL	DESCRIPTION
	DETAIL ON SAME SHEET AS SYMBOL
	DETAIL NUMBER (1) ON SHEET NUMBER (2)
	NOTE NO. 1 ON SAME SHEET AS SYMBOL
	NOTE NO. 4 ON SHEET NUMBER (5)
	WALL PANEL TYPE 'A' ON SHEET (1)
	SECTION 'A' ON SHEET (2)
	REVISION CHANGE IN DWG NO. (1) FIRST REVISION
	HIGHLIGHTS CHANGED AREA
	DOOR REFERENCE
	WINDOW REFERENCE
	SEE STRUC. DWG
	SEE MECH DWG
	SEE ELEC DWG
	SEE PLUM DWG

NOTE: SPECIFICATIONS SUBJECT TO CHANGE DUE TO D.S.A. REQUIREMENTS AND PRODUCT IMPROVEMENTS.

APPLICABLE CODES - NEW CONSTRUCTION

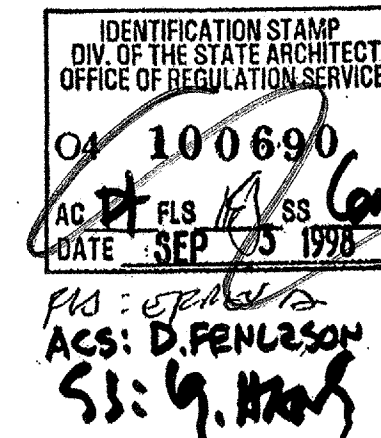
1994 UBC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
 1995 NEC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA ELECTRICAL CODE - PART 3, TITLE 24, CCR)
 1994 UMC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
 1994 UPC AND 1995 CALIFORNIA AMENDMENTS (95 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)
 1995 UNIFORM FIRE CODE WITH STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 4, TITLE 24, CCR)
 1994 BUILDING STANDARDS CODE (95 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)
 TITLE 19, C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

SERIAL # JOB

(1)	29017 - 29018	# 2629
(1)	29027 - 29028	# 2629
(18)	36657 - 36692	# 2928
(15)	36707 - 36736	# 2928
(13)	38956 - 38981	# 3060
(1)	41577 - 41578	# 3268

50 24x40 CLASSROOMS

CLASS LEASING LLC
2015 - STOCKPILE



BUILDING DATA	
24' x 40'	BLDG'S
OCCUPANCY	GROUP E-2
TYPE OF CONSTRUCTION	V-N
WIND LOAD	80 MPH EXP. 'C'
FLOOR LIVE LOAD	50 PSF + 20 PSF
ROOF LIVE LOAD	20 P.S.F.
BUILDING AREA	960 SQ. FT.
STRUCTURAL DESIGN	RIGID FRAME

*AS ALTERNATE FOR ALL 8" OT PIN ATTACHMENTS, USE #10 S.T.S.M.S. AT THE SAME SPACING.

SHEET INDEX - SITE SET-UP

A.0 - COVER SHEET
A1.0 - FLOOR PLAN (24' x 40')
A2.0 - ROOF PLAN (24' x 40')
A3.0A - EXTERIOR ELEVATION (24' x 40') DUAL RITH
A3.0B - EXTERIOR ELEVATION (24' x 40') DUAL RITH
A4.0 - INTERIOR ELEVATIONS (24' x 40')
A5.0 - FINISH SCHEDULE
A6.0 - ARCHITECTURAL DETAILS (METALS STUDS)
A7.0 - ARCHITECTURAL DETAILS (WOOD STUDS)
A8.0 - REFLECTED CEILING PLAN (24' x 40')
A9.0 - REFLECTED CEILING DETAILS
A10.0 - FOUNDATION PLAN (24' x 40')

CLASS LEASING LLC PC 04-113778 RELOCATION
 F1.0 COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX
 F2.0 24x40 60 PSF FOUNDATION PLAN AND DETAILS, ADJACENT BUILDING PAD

F1.0 - FOUNDATION PLAN (24' x 40')
F2.0 - FOUNDATION DETAILS (BELOW GRADE)
F3.0 - FOUNDATION DETAILS (BELOW GRADE)
F4.0 - FLOOR FRAMING PLAN (24' x 40')
F5.0 - FLOOR FRAMING PLAN (24' x 40')
F6.0 - ROOF FRAMING PLAN (24' x 40')
F7.0 - ROOF FRAMING PLAN (24' x 40')
F8.0 - STRUCTURAL ELEVATIONS AND DETAILS (DUAL SLOPE)
F9.0 - STRUCTURAL DETAILS (DUAL SLOPE)
F10.0 - STRUCTURAL DETAILS (DUAL SLOPE)
F11.0 - STRUCTURAL DETAILS (DUAL SLOPE)
F12.0 - STRUCTURAL DETAILS (DUAL SLOPE)
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F100.0 - STRUCTURAL DETAILS (DUAL SLOPE)

E1.0 - ELECTRICAL PLAN (24' x 40')

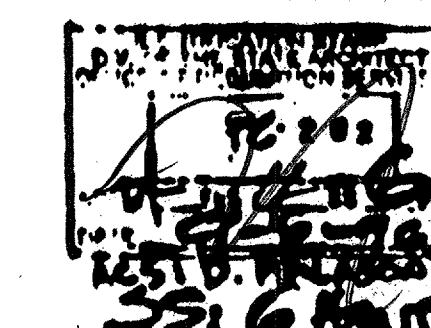
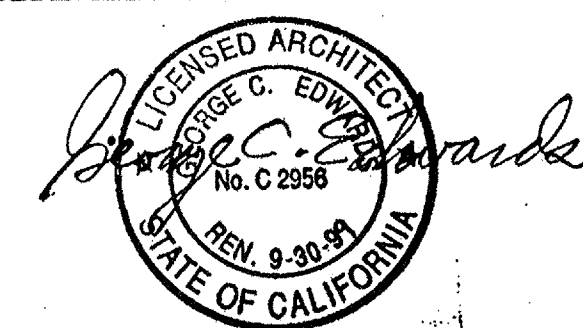
R1.0 - RAMP PLAN
R2.0 - RAMP DETAILS

WITH THE SIGNING OF THESE DRAWINGS, THE ARCHITECT ACKNOWLEDGES THAT HE HAS REVIEWED THESE PLANS AND SPECIFICATIONS AND HAS FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDUMS. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE DEPARTMENT OF HOUSING, THEY SHALL PRELUDE OVER ANY CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDUMS THERETO.

ARCHITECT

STRUCTURAL

* FOR PG PLAN ONLY A/E OF RECORD:
 JAMEST. SIMPSON
 EKL STRUCTURAL ENG. INC.
 921 B WHITTIER BLVD
 LA HABRA, CA. 90631
 (562) 697-7304

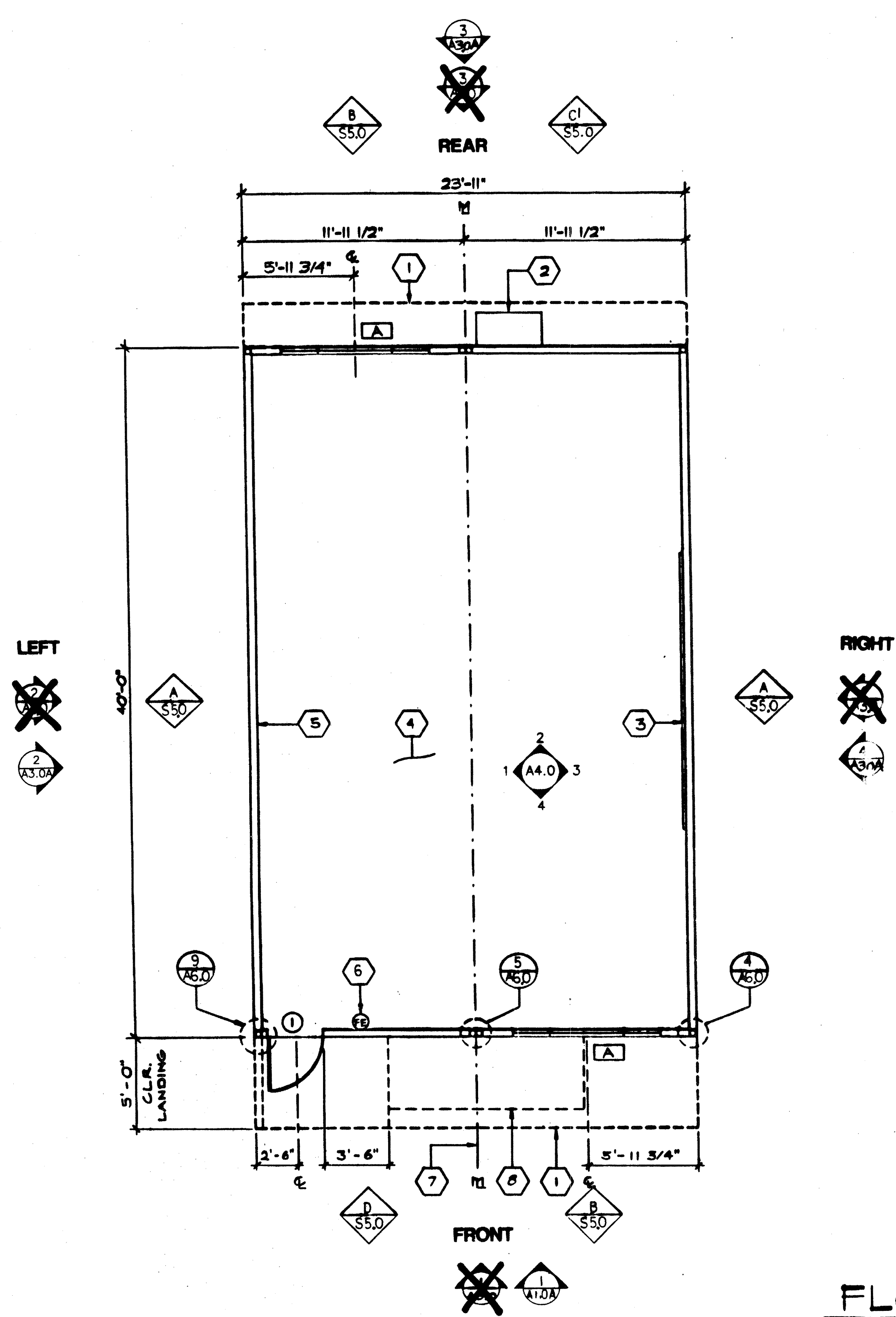


RELOCATION

TITLE SHEET

4012-085 STKF

3268
3060
2629
2928



FLOOR PLAN

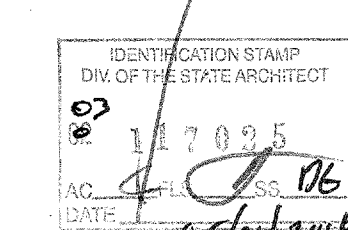
SCALE 1/4"=1'-0"

KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT - HV
- 3 2- 8'X4' MARKER BOARDS (SEE SPECS FOR TYPE)
- 4 FINISH FLOORING (SEE FINISH SCHED.) AS C
- 5 TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE) AS O
- 6 FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATINGS ON WALL MTD. BRACKET. HANDLE AT +48" A.F.F.
- 7 MODLINE (M TYPICAL)
- 8 LINE OF RAMP/LANDING (SEE SH1 R10/R2.0)

NOTES

1. METAL TAG ON ALL MODULES. MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOWN D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER, ROOF AND FLOOR DESIGN LIVE LOAD, AND DESIGN WIND LOAD.
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR, CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, PRATTICES 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 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)

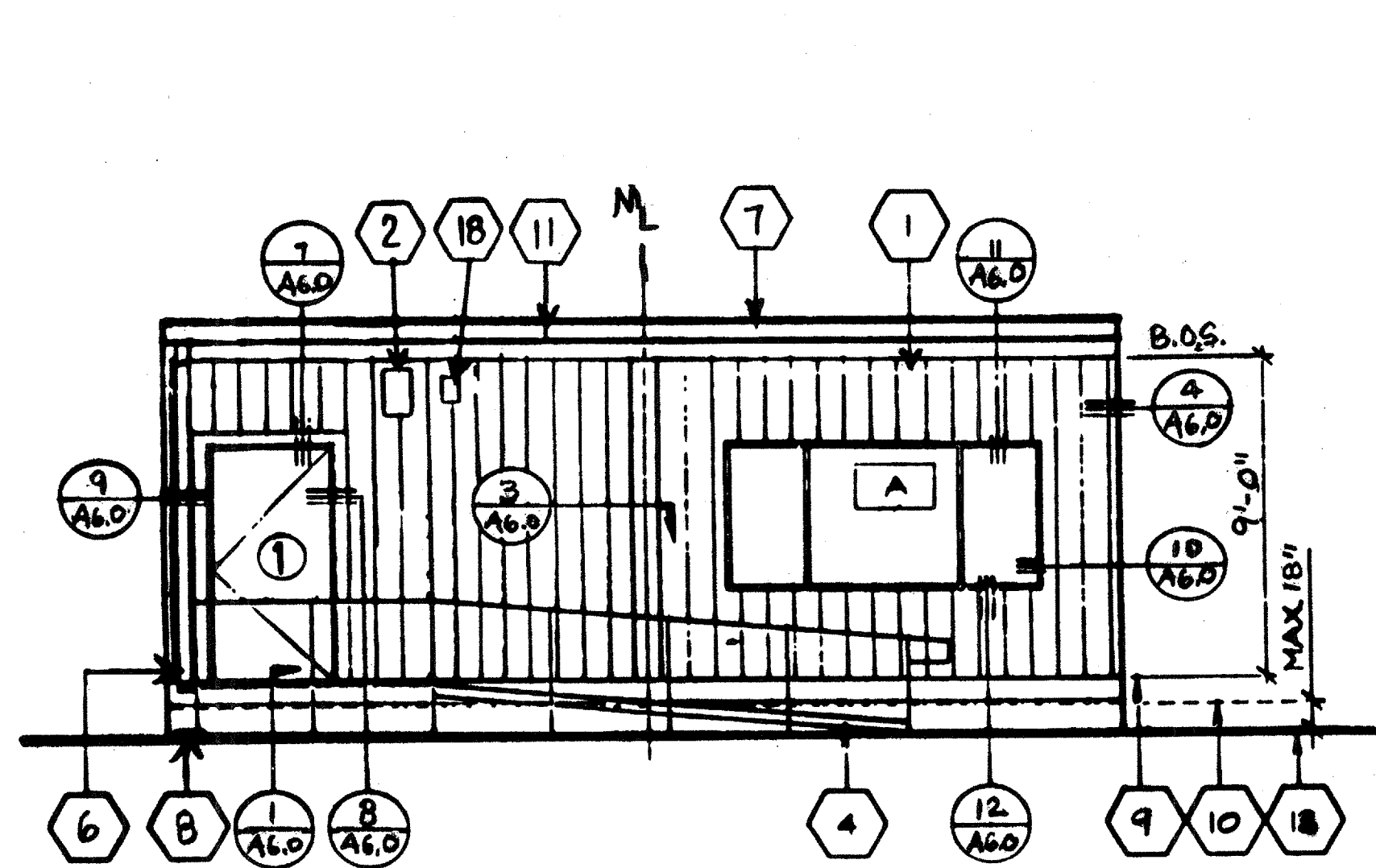


REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT

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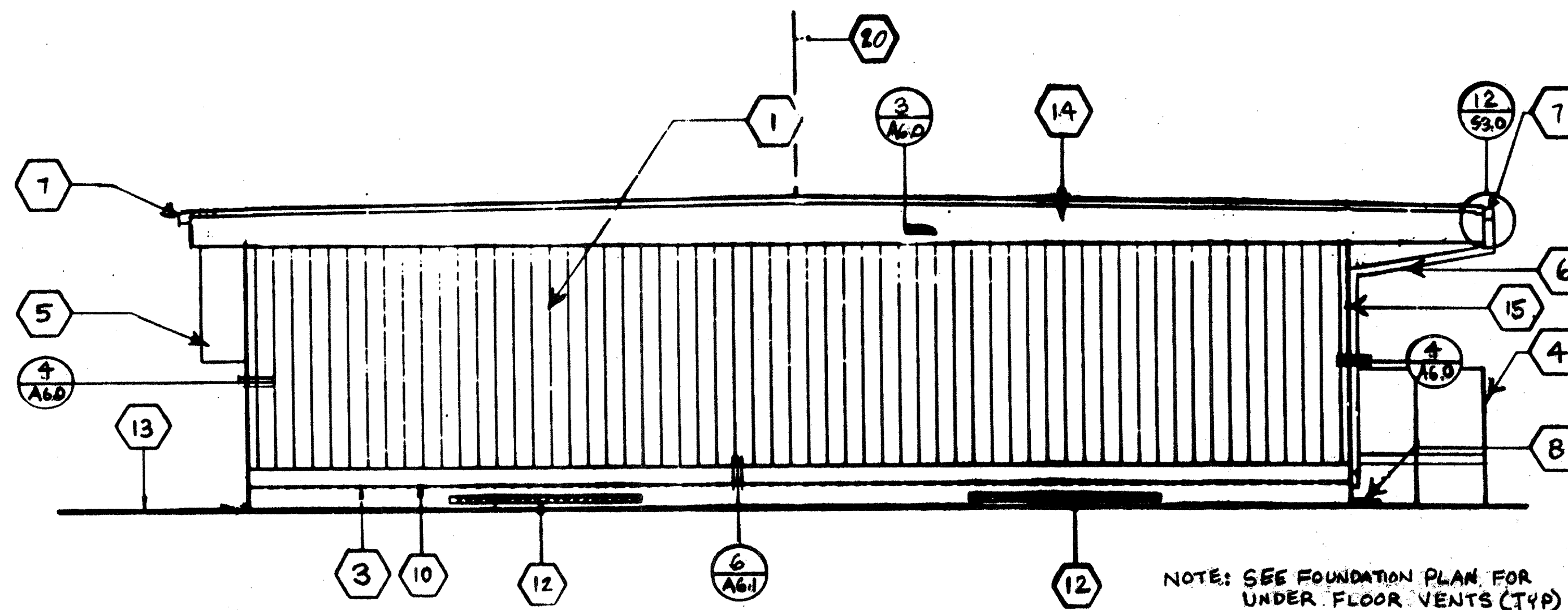
MOTEC INC.
 2090 LARRETT AVE
 FERRIS, CA 94512
 PH. (909) 445-4014
 FX. (909) 445-0427

JOB NO. _____
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 04 100690
 AC 100690
 DATE 10/3/17
 4012-085 STRP-40
 3060
 2928
 FLOOR PLAN A1.0



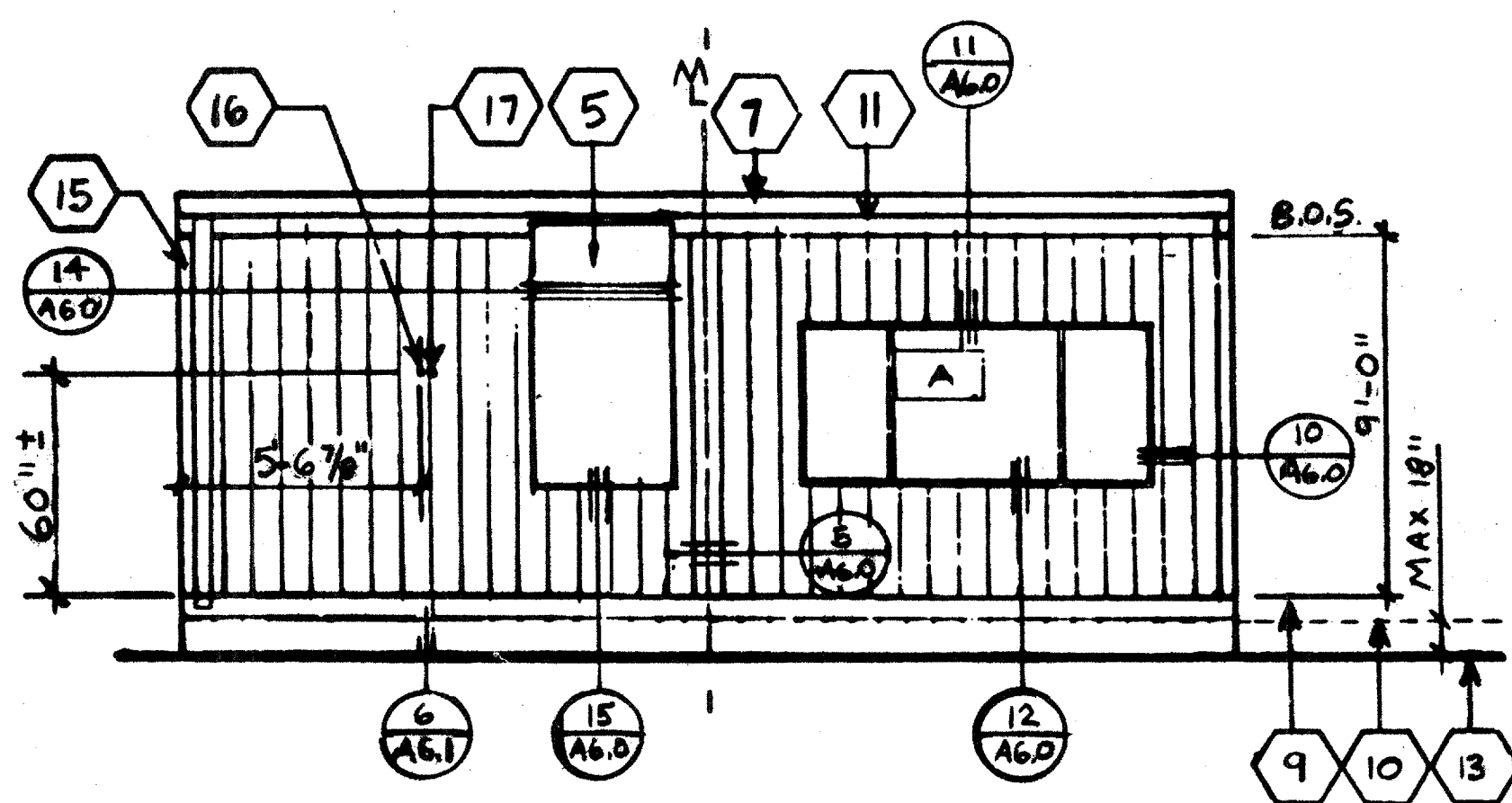
① FRONT ELEVATION

SCALE 1/4"=1'-0"



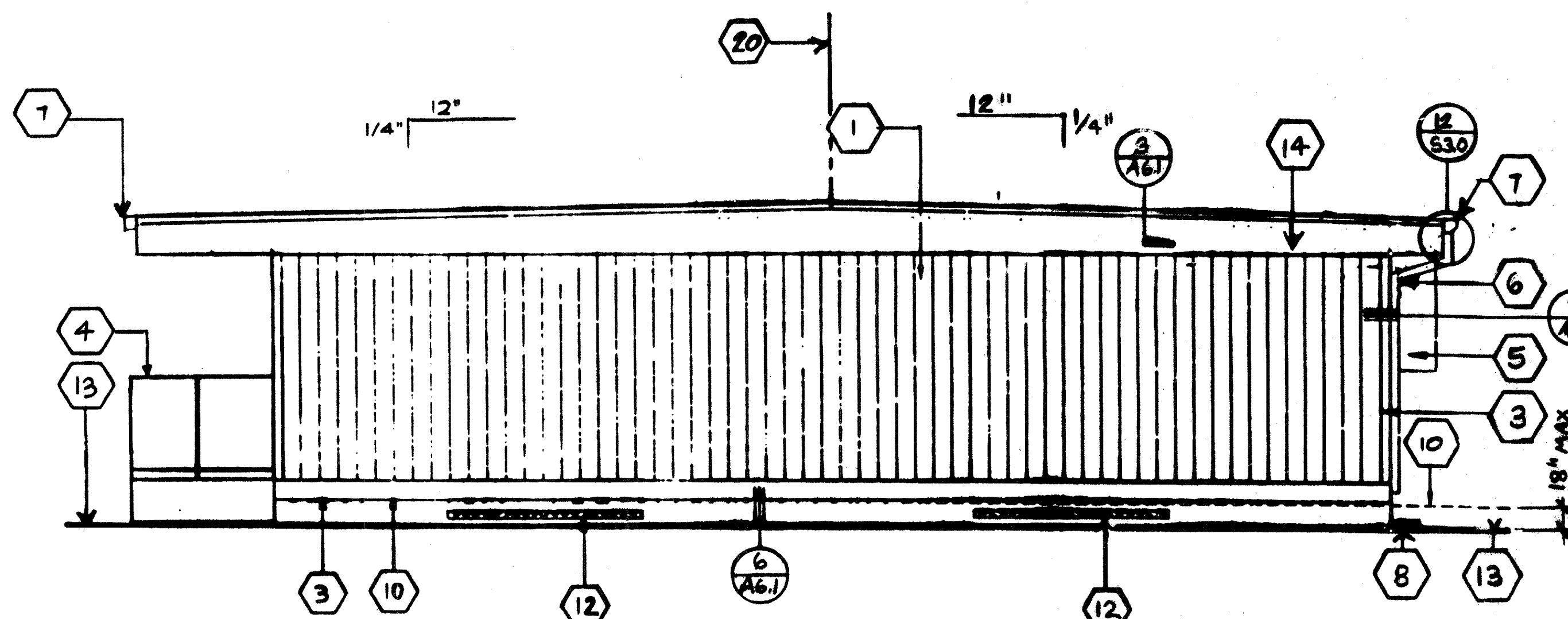
② SIDE ELEVATION

SCALE 1/4"=1'-0"



③ REAR ELEVATION

SCALE 1/4"=1'-0"



④ SIDE ELEVATION

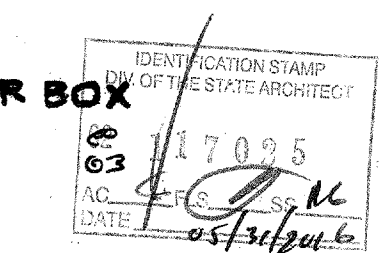
SCALE 1/4"=1'-0"

NOTE:
SEE FOUNDATION PLAN FOR
SIZE & LOCATION OF VENTS

'A' SHOWN
'B' OPPOSITE

KEY NOTES

- ① TYPICAL EXTERIOR SIDING (SEE FINISH SCHED)
- ② EXTERIOR LIGHT FIXTURE (SEE SPECIFICATIONS)
- ③ TOP OF SKIRTING
- ④ RAMP AND LANDING SEE SHT R-1.0
- ⑤ HVAC UNIT SEE SHT M-1.0
- ⑥ DOWNSPOUT (TYP) FASTEN TO BLDG TYP 2 PLACES (SEE 8/A&1)
- ⑦ CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOW ON ROOF PLAN A2.0)
- ⑧ SPLASH BLOCK (BY OTHERS)
- ⑨ FINISH FLOOR LINE
- ⑩ BOTTOM FLANGE OF FLOOR BEAM
- ⑪ ROOF HEADER
- ⑫ VENT: SEE FOUNDATION PLAN
- ⑬ FINISH GRADE
- ⑭ ROOF BEAM (SEE STRUCTURAL)
- ⑮ COLUMN (SEE STRUCTURAL)
- ⑯ ELECTRICAL STUB-OUT 1/2" φ (TYPICAL)
- ⑰ GROUND STUB-OUT 1/2" φ (TYPICAL)
- ⑱ FIRE ALARM HORN NIC
- ⑲ NEMA 6"x6" GUTTER BOX
- ⑳ RIDGE



4012-085
SCALE: 1/4"=1'-0"

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	MODICH INC.	DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES 04 100690 AC 10/15/84 DATE SEP 3 1984	24'X40' DUAL PITCH EXTERIOR ELEVATIONS A3.0A
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CLASS LEASING, LLC.

1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

SPECIFICATIONS RELOCATABLE CLASSROOMS

3.01 CARPENTRY:

- Scope of Work:** Contractor shall provide all labor, materials and services to install carpentry.
- Workmanship:**
 - FRAMING:** securely nailed, bridged and blocked to form rigid structure. Work cut, fitted and assembled level, plumb and true to line. Trim in as long lengths as possible with all standing trim in one piece. Trim seamed at all edges.
 - NAILING:** In accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.
 - Machine applied nailing shall have prior demonstration and approval by DSA Field Inspector and the Architect. The approval is subject to continuous satisfactory performance. Plywood shall have a minimum thickness of 3/8". If nail heads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained, the performance will be deemed unsatisfactory.
 - TRIM:** sealed at all edges. Sealant painted to match trim or siding.

4.01 MATERIAL SPECIFICATIONS:

- Structural framing shall be Hem Fir-Larch graded in accordance with the standard grading rules of the Western Wood Products Association or standard grading rules No. 16 of the West Coast Lumber Inspection Bureau, latest editions. Grades shall be as follows unless noted otherwise on the drawings. (Hem Fir South is not allowed.) Each piece shall be grade marked and no piece may fall below grades indicated. All framing except as noted Hem Fir No. 2
- Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS-1-07. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4x8 panels-minimum, except at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.
- Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-2012 & 2012 edition of NDS (the National Design Specification for Wood Construction by the National Forest Products Association). Bolts shall be installed in accordance with the requirement of 2012 NDS.
Bolt holes shall be 1/32" to 1/16" larger than bolt diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-lighten bolts before closing in work.
- Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2012 NDS. Holes for lag screw shank shall be bored the same depth and diameter as the shank. The remaining depth of penetration of the screw shall be bored to 70% of the shank diameter. One quarter inch (1/4") diameter lag screws need not have pre-drilled holes if it can be shown that wood members are not damaged during installation. Provide full diameter body lag screws with bending yield strengths per Table 11J in NDS
- Provide malleable iron washers or equivalent cut plate washers (not less than a standard cut washer) under nuts and bolt or lag screw heads which bear on wood.
- Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2012 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations.
Screws shall be steel with threads and bending yield strengths per Table 11L in NDS.
- Wood members shall be cut or notched only as shown on structural drawings.
- When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4" of the nail diameter.
- Structural nailing shall be with BOX NAILS per all requirements of 2012 NDS. Nailing not specifically indicated shall comply with CCR Title 24, Part 2, Table 2304.9.1. All nails shall be galvanized or other corrosion resistant coating where exposed to weather, in foundations and as noted on plans, per the requirements of CCR Title 24, Part 2, with minimum bending yields per Table 11N in NDS. (See nail equivalence below.)
- Nail equivalence:
(provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)
8d equals .113" DIA. - provide 1.36" minimum point penetration
8d equals .131" DIA. - provide 1.57" minimum point penetration
- Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members that comply with CBC 2303.1.8.1. All foundation members shall be marked as "T" for ground contact or "F" for above ground use as appropriate. Pressure treated material shall comply with AMPA Standard U1 as required by CBC 2303.1.8. Treat all cut ends of pressure treated members with an approved preservative. (WUAD WRB Copper Green 2% or an approved equivalent). Where noted, members below the sub floor that are not a part of the foundation shall be pressure treated.
- Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HFW2 or equal.
- If machine nailing is utilized for this project, contractor shall comply with all requirements of CCR Title 24, Part 2. Machine nailing is subject to approval by the Structural Engineer or Architect and the Division of the State Architect.
- Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.
- Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.
- Shim material shall be plywood CD EXP 1 or equal (not pressure treated).
- Used lumber in good condition is acceptable for use in foundation system.
- The plates shall conform to A-1011 Grade 33.

5.01 SITE INSTALLATION REQUIREMENTS FOR DSA CLASSROOM BUILDINGS:

In the case of equipment located in the State of California, the LESSEE (School District) is responsible for the site being cleared (free of grass, trees, shrubs, etc.) and graded to within 4 1/2" of level grade for each building. If the site exceeds the 4 1/2" level grade requirement additional costs may be charged to lessee.
Under no circumstances should the site be greater than 9" from level grade or have less than a 1000 PSF MINIMUM SOIL BEARING PRESSURE.
Prior to delivery, the lessee shall mark the four corners of the building on the site, including door location. Should special handling be required to either place, install or relocate the classroom on the lessee's site due to site obstruction such as fencing, landscaping, other classrooms, etc., additional costs will be charge to the lessee.

6.01 TEST AND INSTALLATION:

- Provide Electrical Grounding Test per DSA IR-E-1.
- Field Welding for welded tie plate option. (If used, requires Test and Inspection.)

The example form DSA 103's shown on this sheet are for illustration purposes only. A form DSA 103 is to be completed for each application that this PC is being incorporated into and all example form DSA-103's are to be processed out on this drawing.

- No other tests and inspections are required.

DSA DSA-103

STATEMENT OF STRUCTURAL TESTS & SPECIAL INSPECTIONS - 2013 CBC

DATE	PROJECT	DATE SUBMITTED	APPROVED

REMARKS: This form is to be used to document the results of structural tests and special inspections required by the 2013 CBC. The actual tests and inspections must be performed on the site as shown on the drawings. This form is to be completed by the contractor and the DSA Structural Plan Reviewer. The form is to be submitted to the DSA for review and approval. The form is to be submitted to the DSA for review and approval. The form is to be submitted to the DSA for review and approval.

TEST OR SPECIAL INSPECTION	DATE	PERFORMED BY	RESULTS
SOILS			
CONCRETE			
MASONRY			
STEEL			

KEY TO Columns

Type	Performed By
1	Professional Engineer
2	Professional Architect
3	Professional Structural Engineer
4	Professional Geotechnical Engineer
5	Professional Environmental Engineer
6	Professional Fire Marshal
7	Professional Electrical Engineer
8	Professional Mechanical Engineer
9	Professional Civil Engineer
10	Professional Landscape Architect
11	Professional Architectural Historian
12	Professional Historic Preservation Architect
13	Professional Surveyor
14	Professional Surveyor/Engineer
15	Professional Surveyor/Engineer/Architect
16	Professional Surveyor/Engineer/Architect/Structural Engineer
17	Professional Surveyor/Engineer/Architect/Structural Engineer/Structural Engineer
18	Professional Surveyor/Engineer/Architect/Structural Engineer/Structural Engineer/Structural Engineer
19	Professional Surveyor/Engineer/Architect/Structural Engineer/Structural Engineer/Structural Engineer
20	Professional Surveyor/Engineer/Architect/Structural Engineer/Structural Engineer/Structural Engineer
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29	Professional Surveyor/Engineer/Architect/Structural Engineer/Structural Engineer/Structural Engineer
30	Professional Surveyor/Engineer/Architect/Structural Engineer/Structural Engineer/Structural Engineer

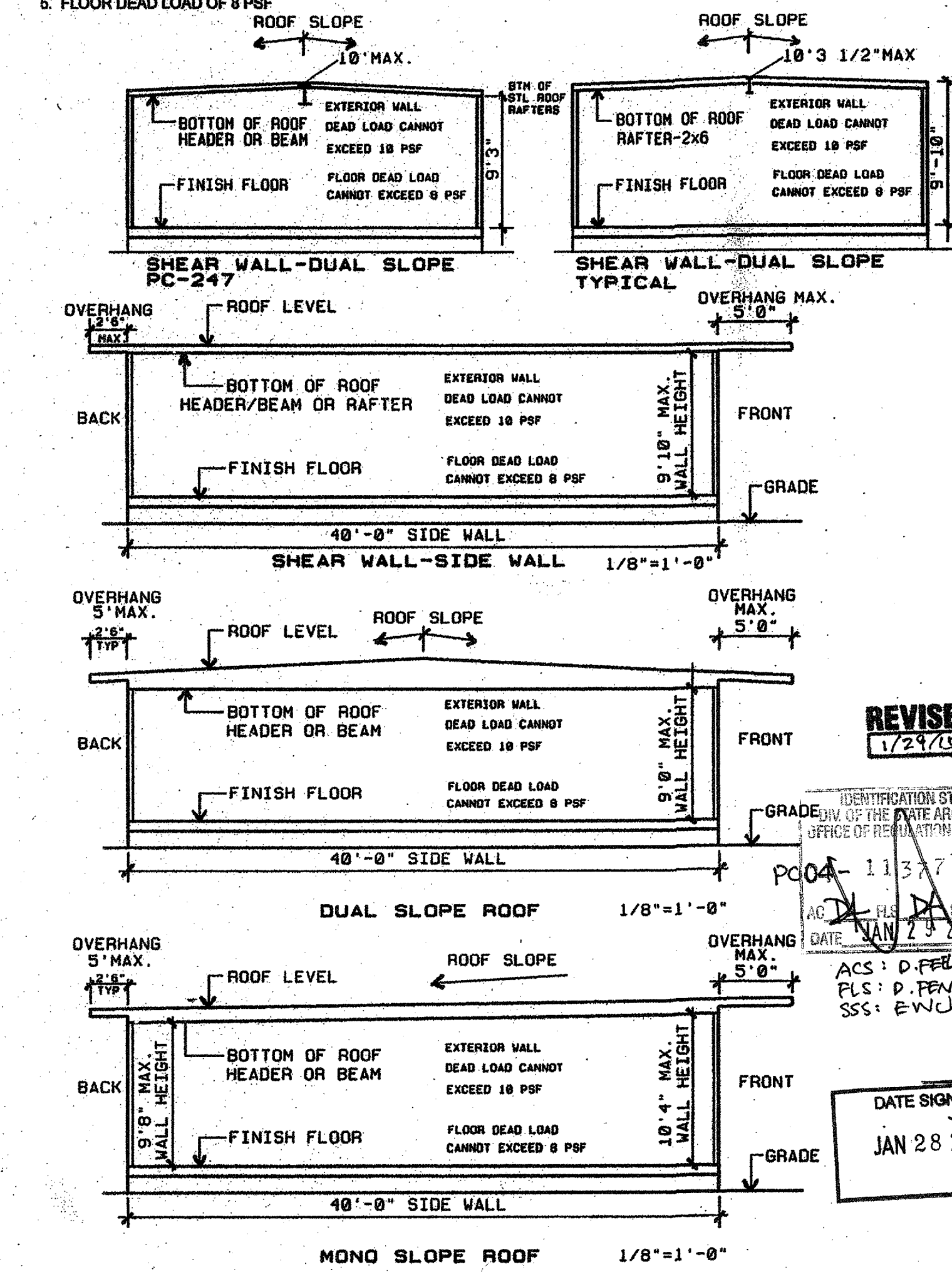
- ### APPLICABLE BUILDING CODES
- ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2013 CBC
- 2013 CALIFORNIA CODE OF REGULATIONS (CCR) As of January 01, 2014*
 - 2013 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE PART 1, TITLE 2 (2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 WITH 2013 CALIFORNIA AMENDMENTS)
 - 2013 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR (2011 NATIONAL ELECTRICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
 - 2013 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR (2012 UNIFORM MECHANICAL CODE WITH 2013 CALIFORNIA AMENDMENTS)
 - 2013 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR (2012 UNIFORM PLUMBING CODE WITH 2013 CALIFORNIA AMENDMENTS)
 - 2013 CALIFORNIA ENERGY CODE (CEC) PART 6, TITLE 24, CCR*
 - 2013 CALIFORNIA FIRE CODE PART 9, TITLE 24, CCR (2012 INTERNATIONAL FIRE CODE WITH 2013 CALIFORNIA AMENDMENTS)
 - 2013 CALIFORNIA REFERENCED STANDARDS CODE PART 12, TITLE 24, CCR
 - TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

DESIGN DATA:

FLOOR LIVE LOAD = 50 PSF, 50 + 20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (3 SECOND GUST), Kz = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2012 IBC AND CBC 2013

STYK #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STYK 01	62812	SHR	11-06-1999	24 x 40	50#	MODTECH
STYK 02	62813	SHR	11-06-1999	24 x 40	50#	MODTECH
STYK 03	62814	SHR	11-06-1999	24 x 40	50#	MODTECH
STYK 04	62815	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 05	62816	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 06	62817	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 07	62818	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 08	62819	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 09	62820	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 10	62821	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 11	62822	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 12	62823	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 13	62824	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 14	62825	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 15	62826	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 16	62827	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 17	62828	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 18	62829	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 19	62830	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 20	62831	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 21	62832	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 22	62833	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 23	62834	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 24	62835	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 25	62836	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 26	62837	SHR	12-07-1999	24 x 40	50#	MODTECH
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STYK 28	62839	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 29	62840	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 30	62841	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 31	62842	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 32	62843	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 33	62844	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 34	62845	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 35	62846	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 36	62847	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 37	62848	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 38	62849	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 39	62850	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 40	62851	SHR	12-07-1999	24 x 40	50#	MODTECH
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STYK 46	62857	SHR	12-07-1999	24 x 40	50#	MODTECH
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STYK 48	62859	SHR	12-07-1999	24 x 40	50#	MODTECH
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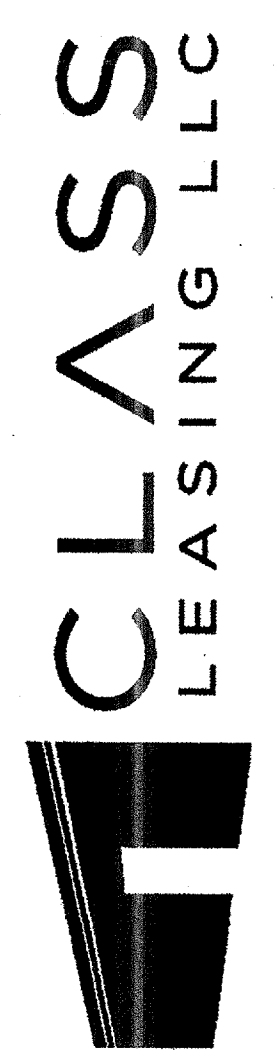
- ### LIMITATIONS FOUNDATION PC ONLY:
- FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWING.
- THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:
- DSA APPROVED STOCKPILE BUILDINGS
 - ROOF OVERHANGS OF 5'-0" MAXIMUM
 - SINGLE SLOPE OR DUAL SLOPE BUILDINGS
WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
WALL HEIGHT: 10'-4" MAXIMUM ON SINGLE SLOPE BUILDING.
(HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL-DUAL SLOPE BUILDING
 - WALL DEAD LOAD OF 10 PSF (NO STUCCO)
 - FLOOR DEAD LOAD OF 8 PSF



BUILDING DATA - 24 X 40 SHEAR WALL

STYK #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STYK 01	62812	SHR	11-06-1999	24 x 40	50#	MODTECH
STYK 02	62813	SHR	11-06-1999	24 x 40	50#	MODTECH
STYK 03	62814	SHR	11-06-1999	24 x 40	50#	MODTECH
STYK 04	62815	SHR	12-07-1999	24 x 40	50#	MODTECH
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STYK 45	62856	SHR	12-07-1999	24 x 40	50#	MODTECH
STYK 46	62857	SHR	12-07-1999	24 x 40	5	

REVISIONS	BY



Class Leasing, LLC
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 VOICE (951)943-1908 FAX (951)943-5768

CLASS LEASING INC.
 STOCKPILE CLASSROOM
 24x40 - 50 PSF RELOCATION
 FOUNDATION PLAN & DETAILS

DATE	09-29-2014
SCALE	AS SHOWN
DRAWN	LAM-CLS
JOB	24x40 50 PSF
SHEET	F2.0

- KEY NOTES 24x40- 50 PSF FLOOR LOAD**
- FOUNDATION AT SIDE WALL**
- TOP PLATE: 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
- FOUNDATION AT END WALL**
- TOP PLATE: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: 2x8 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A.
 - SILL RESTRAINT- PIPE TO GRADE (TYP) SEE GENERAL NOTE #A
 - SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" OC
 - SIDEWALL VENT: 3" HIGH BY 6'-6" LONG. INSTALL UNDER SKIRTING.
 - SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 8" O.C.
 - ENDWALL VENT: 3" HIGH BY 2'-0" LONG. INSTALL UNDER SKIRTING.
 - SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.
 - SHIM: 5/8" X 2 1/2" WHEN REQUIRED.
- FOUNDATION AT MOD LINE / END WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (6) 2x12x30" (PT)
- FOUNDATION AT MOD LINE / INTERIOR WALL**
- TOP PLATE: 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (4) 2x12x30" (PT)
 - FLOOR BEAM: C7x 9.8 TYPICAL
 - FLOOR HEADER: C7x 9.8 TYPICAL
 - FINISH GRADE
 - FLOOR JOIST
 - EXTERIOR FINISH
 - PLYWOOD SUB-FLOOR
 - TOP PLATE: CONTINUOUS
 - BLOCKING
 - SILL PLATE
 - MODLINE
 - TIE PLATE: 12" x 6" x 10 GA
 - PLATE ANCHOR: 4-1/4" Ø S.M.S. (1 1/2" MIN. EMBEDMENT)
 - PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT)
 - TIE PLATE: 12" x 4" x 10 GA
 - BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)
 - LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 16d BOX.
 - 2" CUT OUT OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.
 - 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.
 - THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.
- FOUNDATION AT BUILDING SEPARATION / END WALL**
- TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (8) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.
- FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL**
- TOP PLATE: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
 - BLOCKING: 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
 - SILL PLATE: (8) 2x12x30" (PT) WITH SILL RESTRAINT PER PLAN AND NOTE 25.

- GENERAL NOTES**
- SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.
 - USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPE/RODS PER DISCONTINUOUS FOUNDATION STRIP.
 - PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY. 16-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.
 - TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.
 - 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 INSPECTOR.
 - FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE.
 - THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
 - 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 1/2" IN OVERALL LENGTH.
 - THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

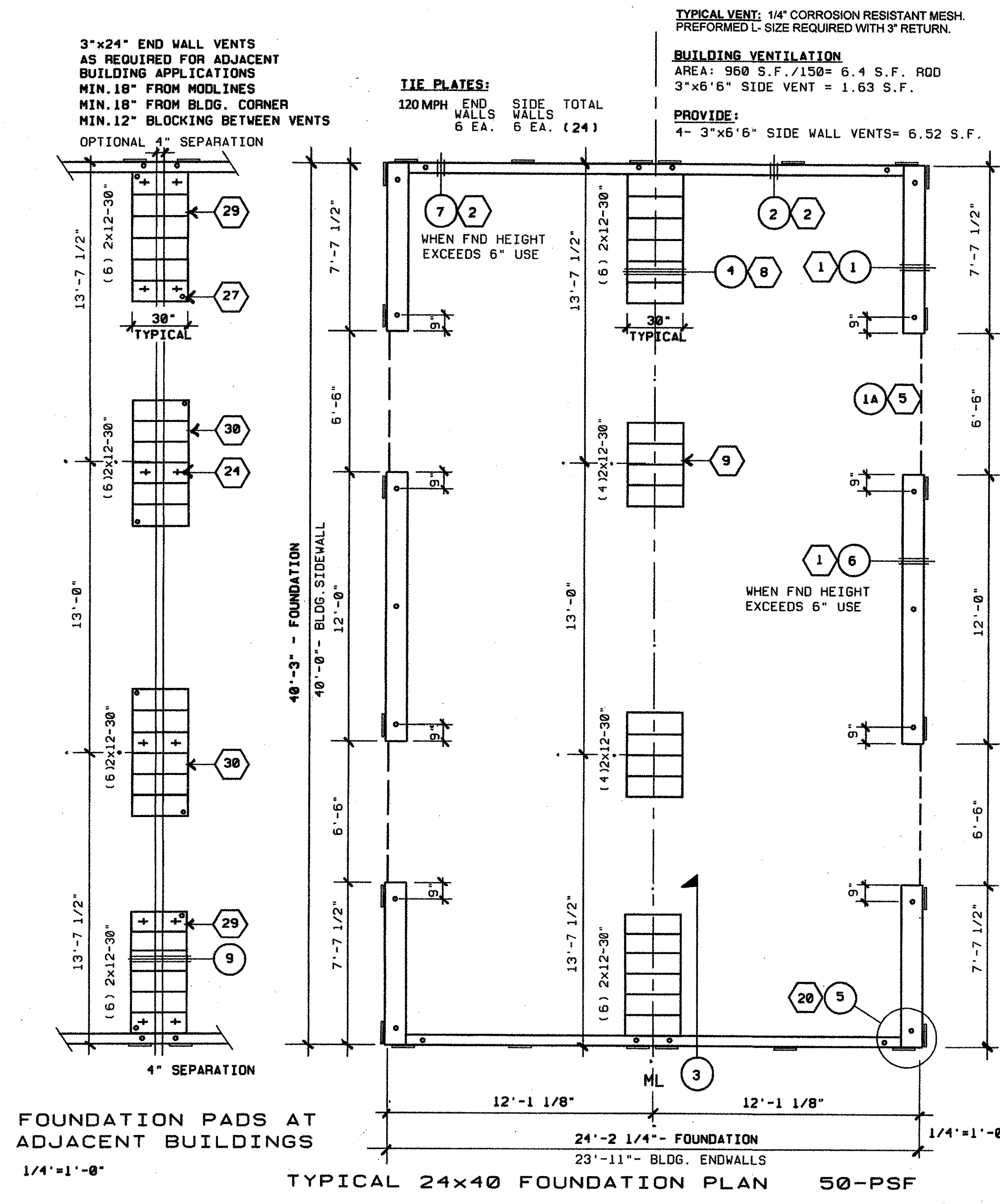
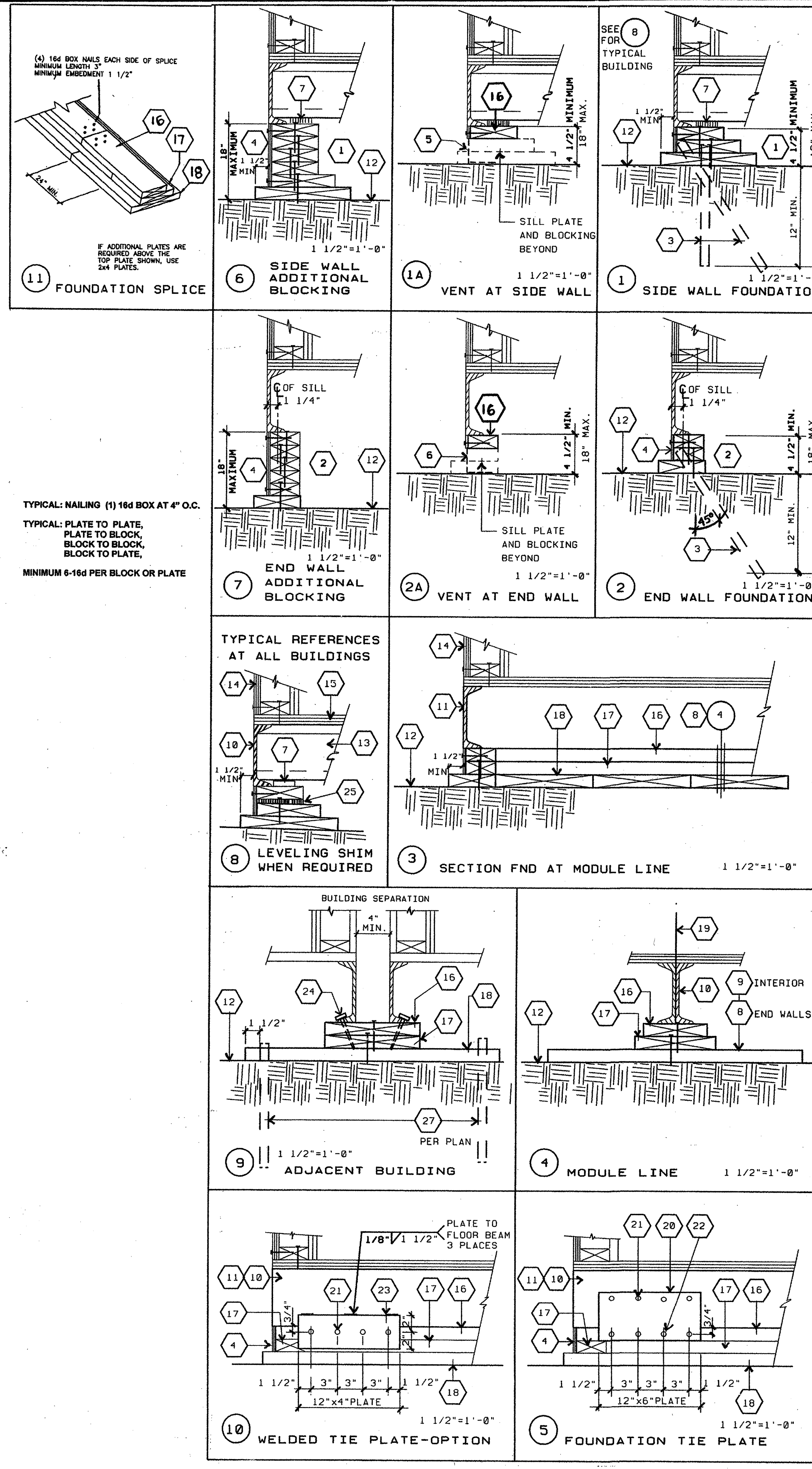
DATE SIGNED
 SEP 30 2014

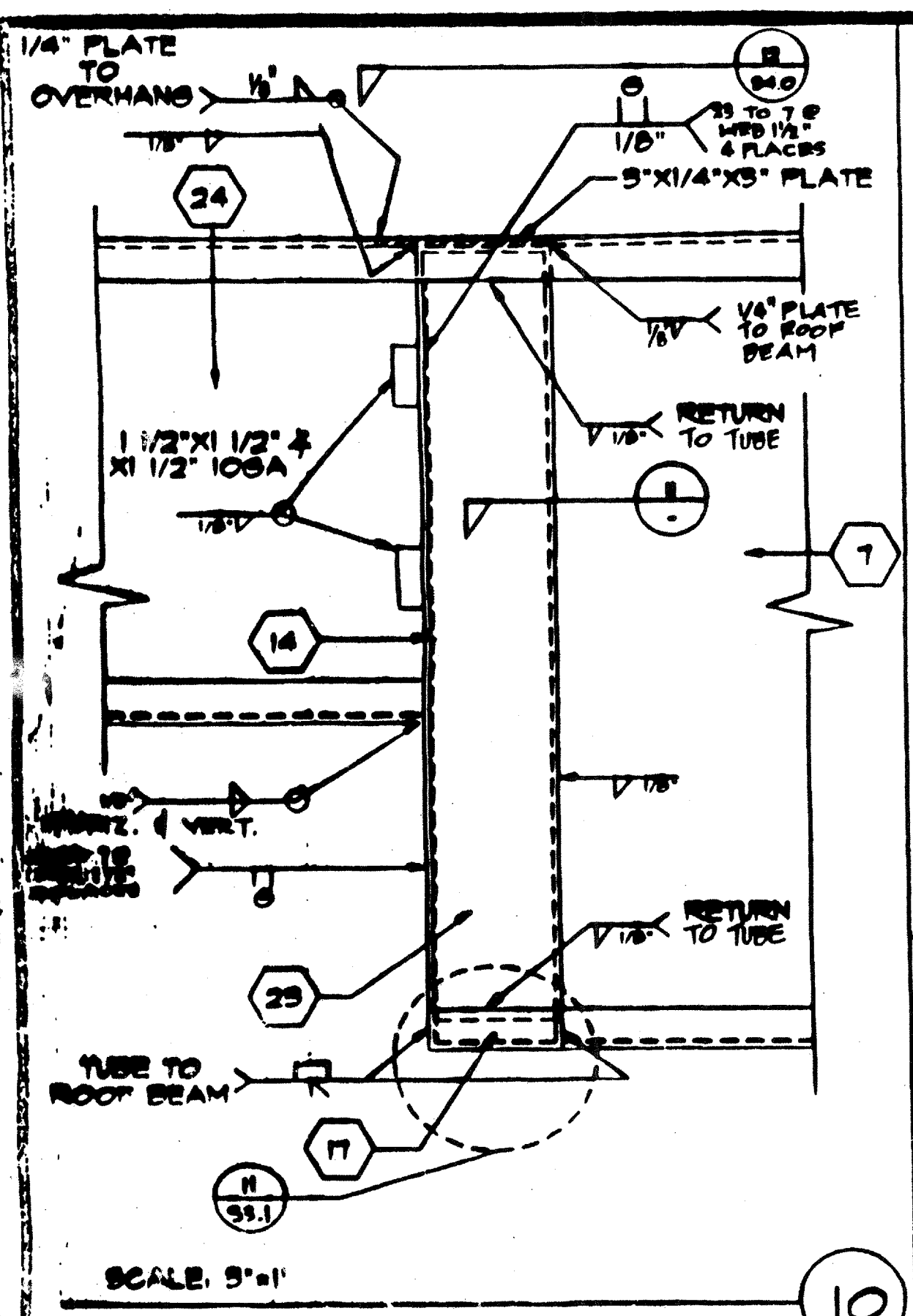
PRE-CHECK (PC) DOCUMENT
 CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION
 FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-113776
 DATE: OCT 08 2014

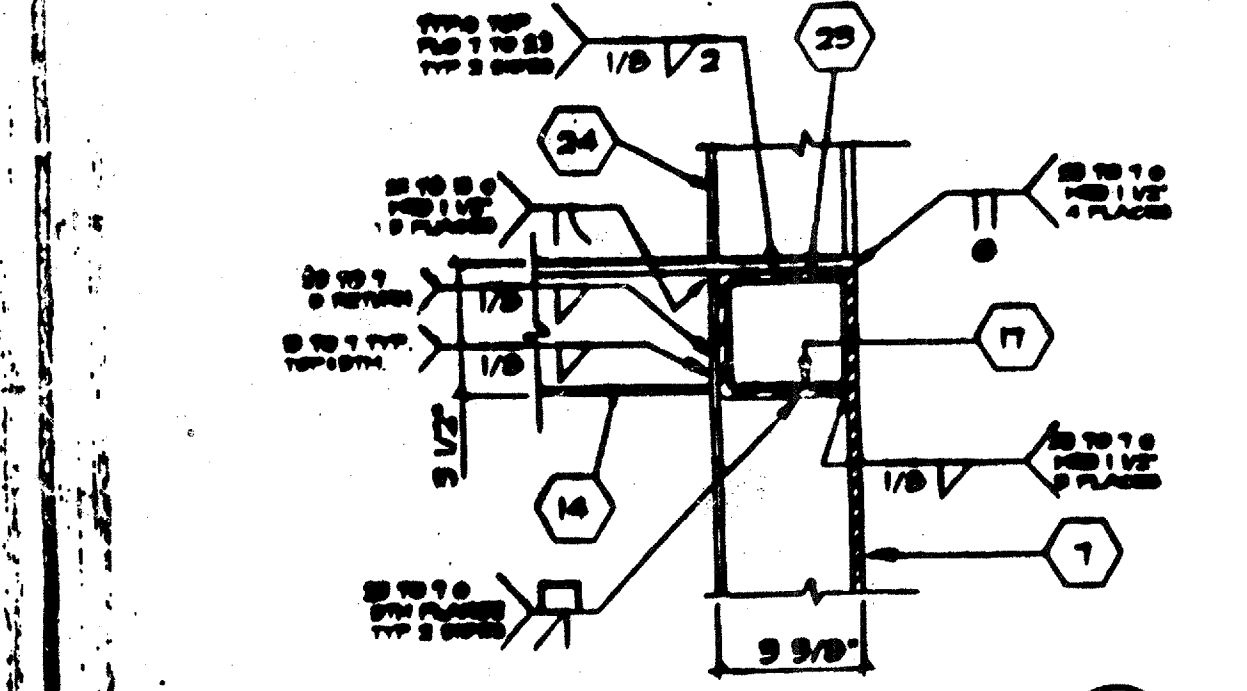
117095 LICENSE EXPIRES 6-30-2018

24x40 - 50 PSF STOCKPILE CLASSROOM RELOCATION FOUNDATION PLAN & DETAILS

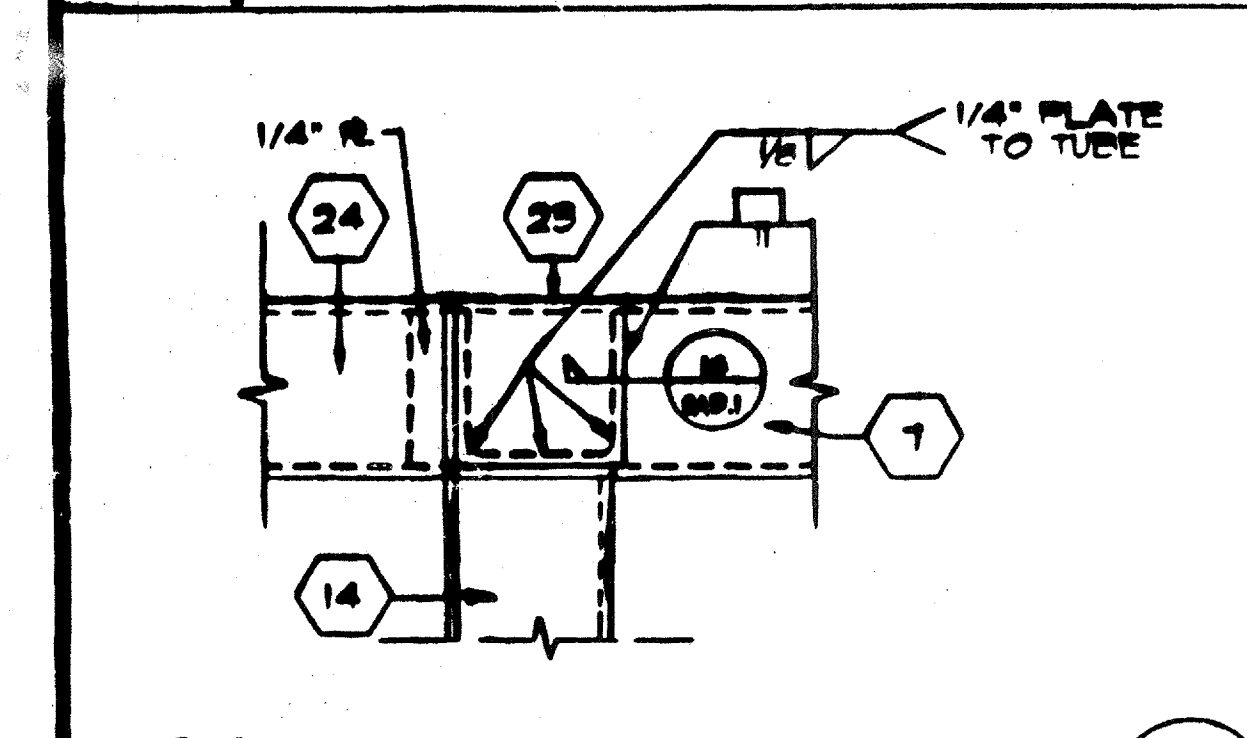




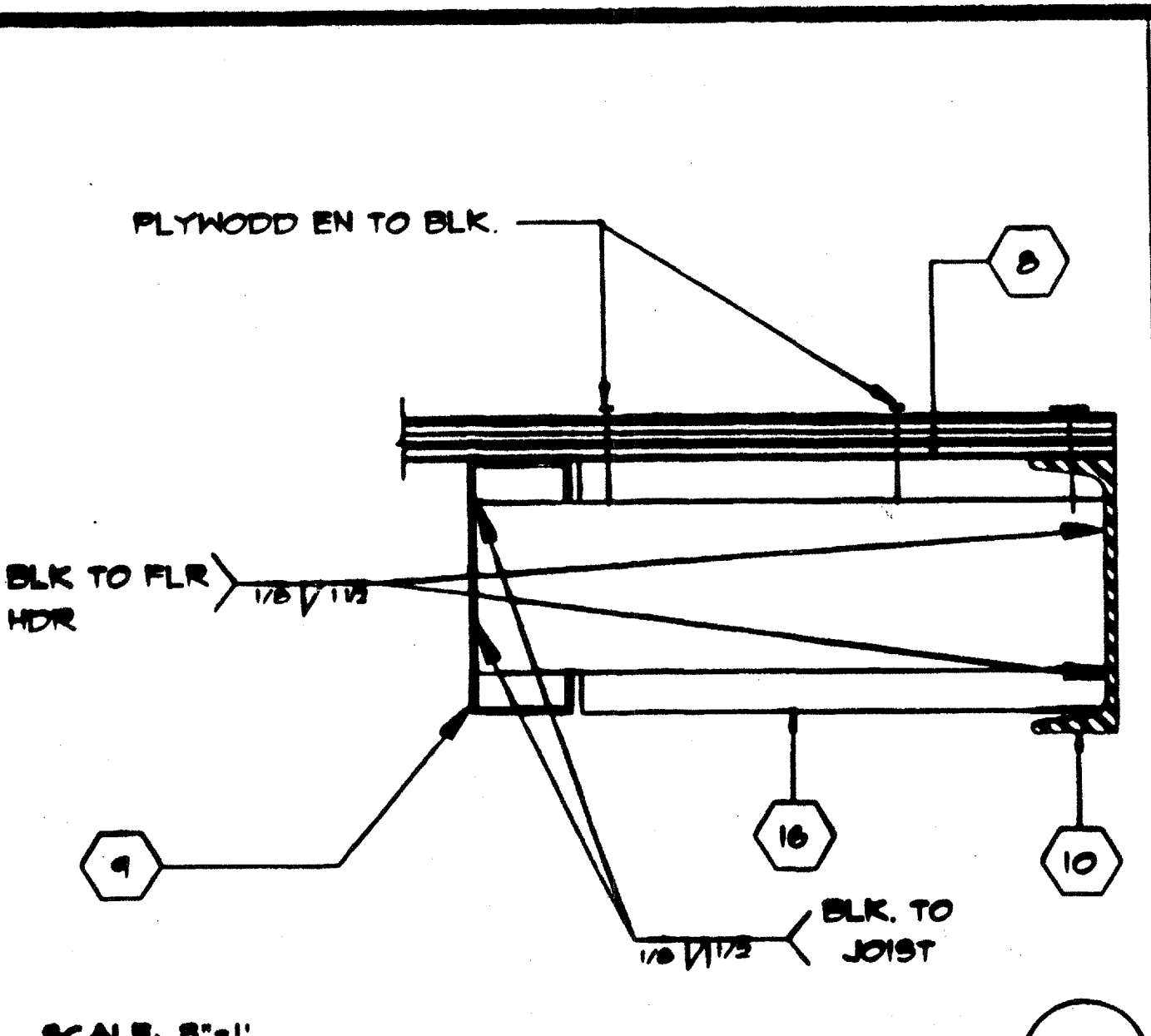
SCALE: 5"=1'
ROOF HEADER @ FRONT OVERHANG (10)



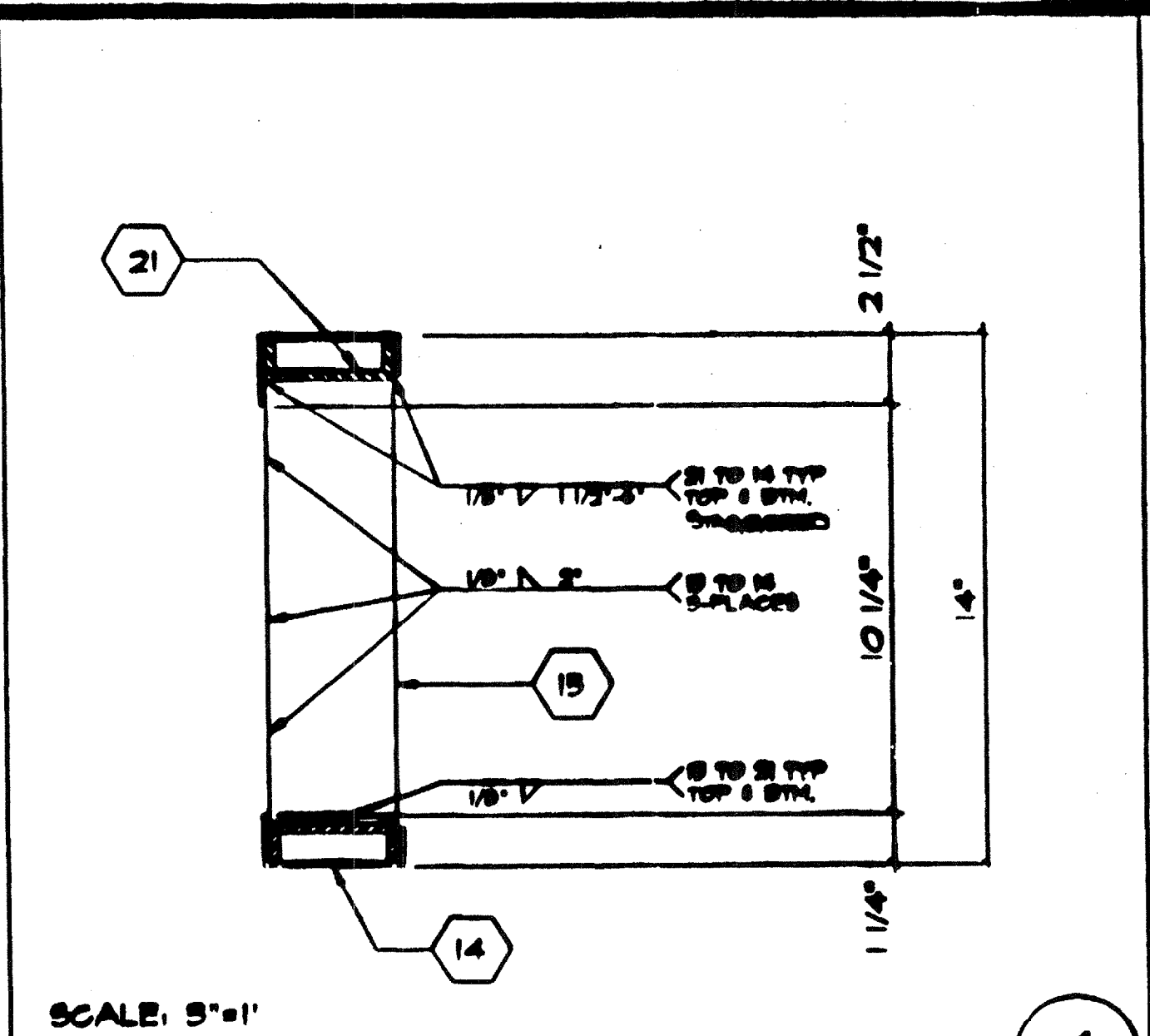
SCALE: NTS
STIFFENER SECTION @ FRONT (11)



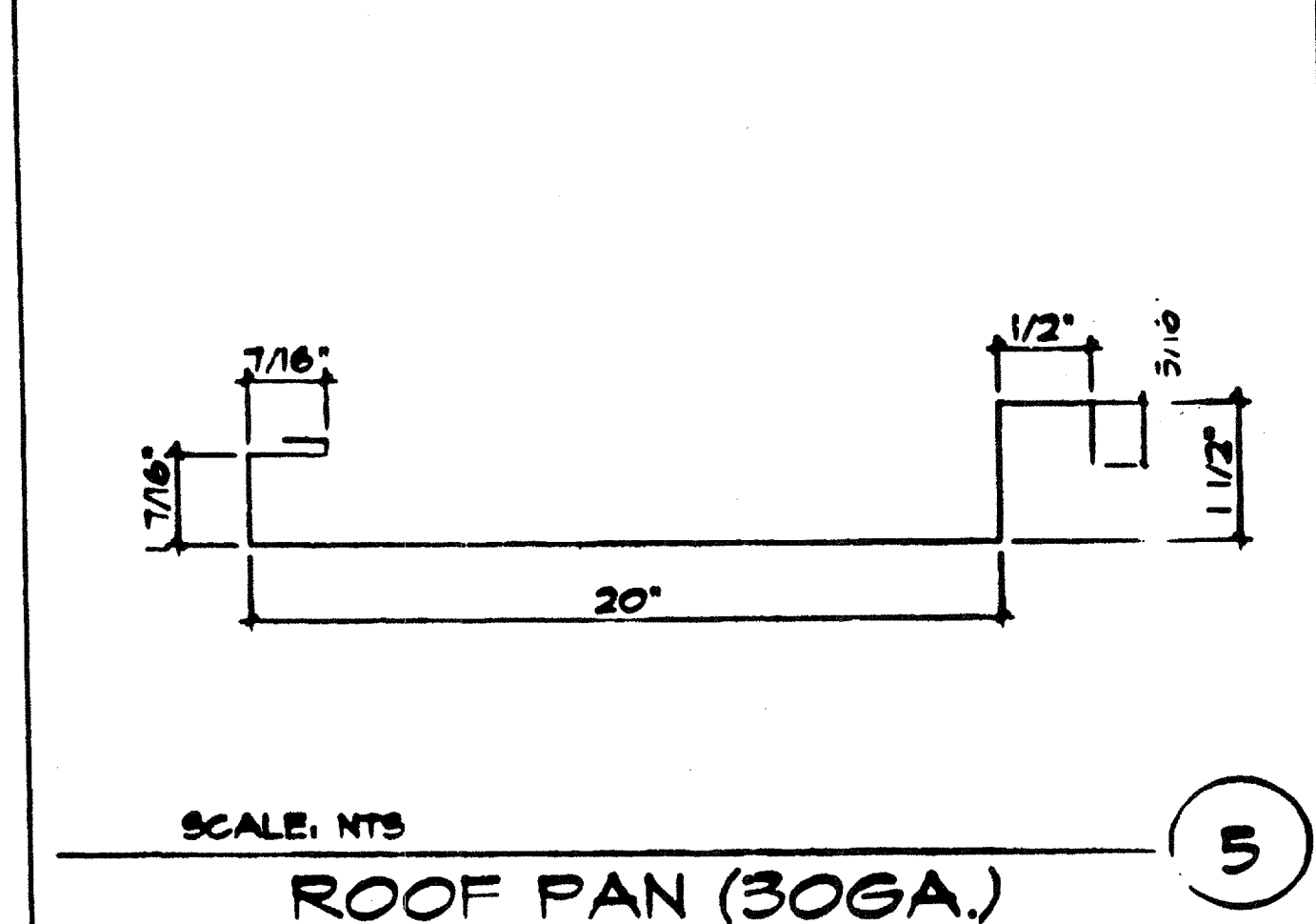
SCALE: 5"=1'
COLUMN CAP PLATE (12)



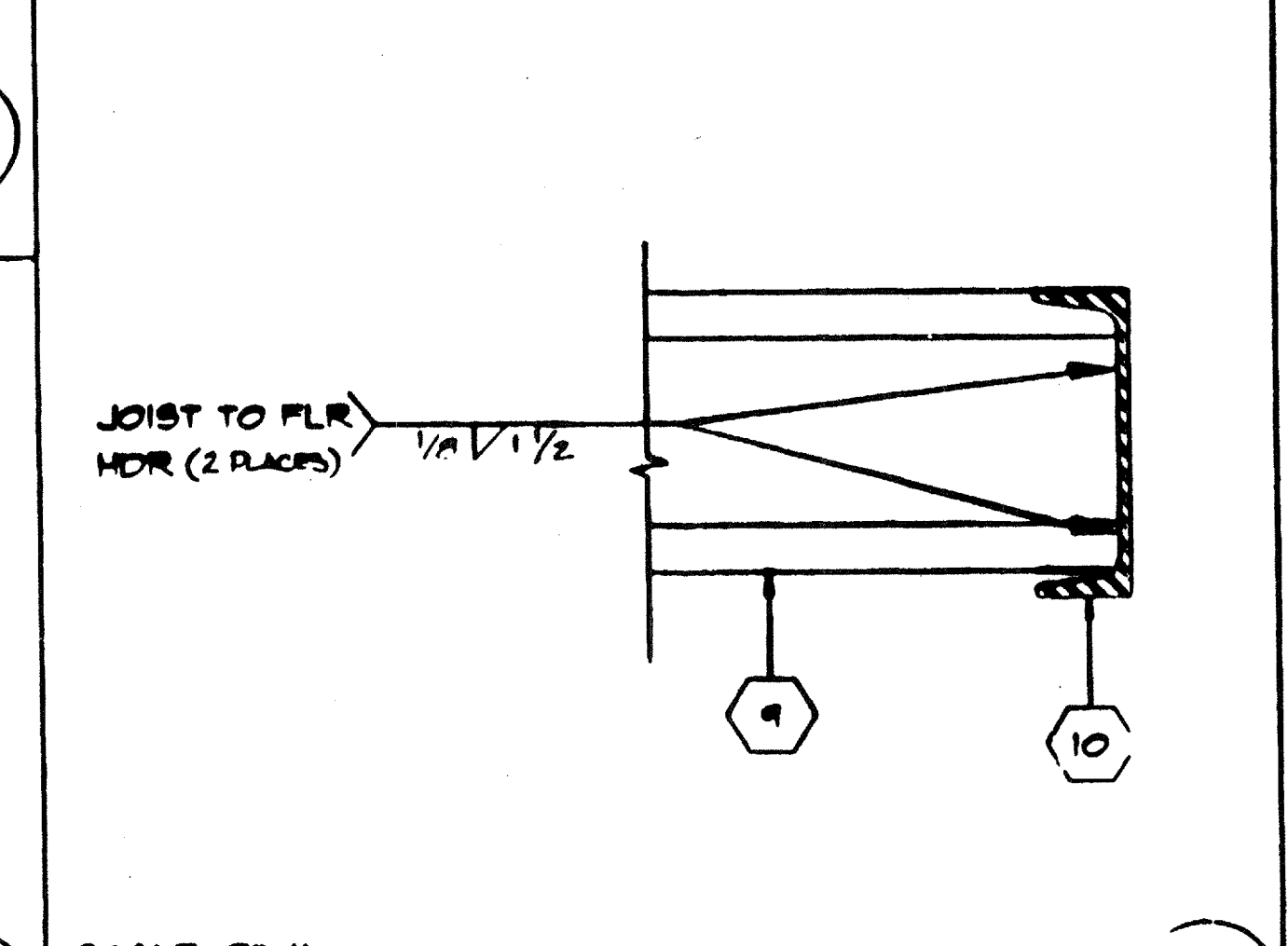
SCALE: 5"=1'
BLOCK @ MIDSPAN (7)



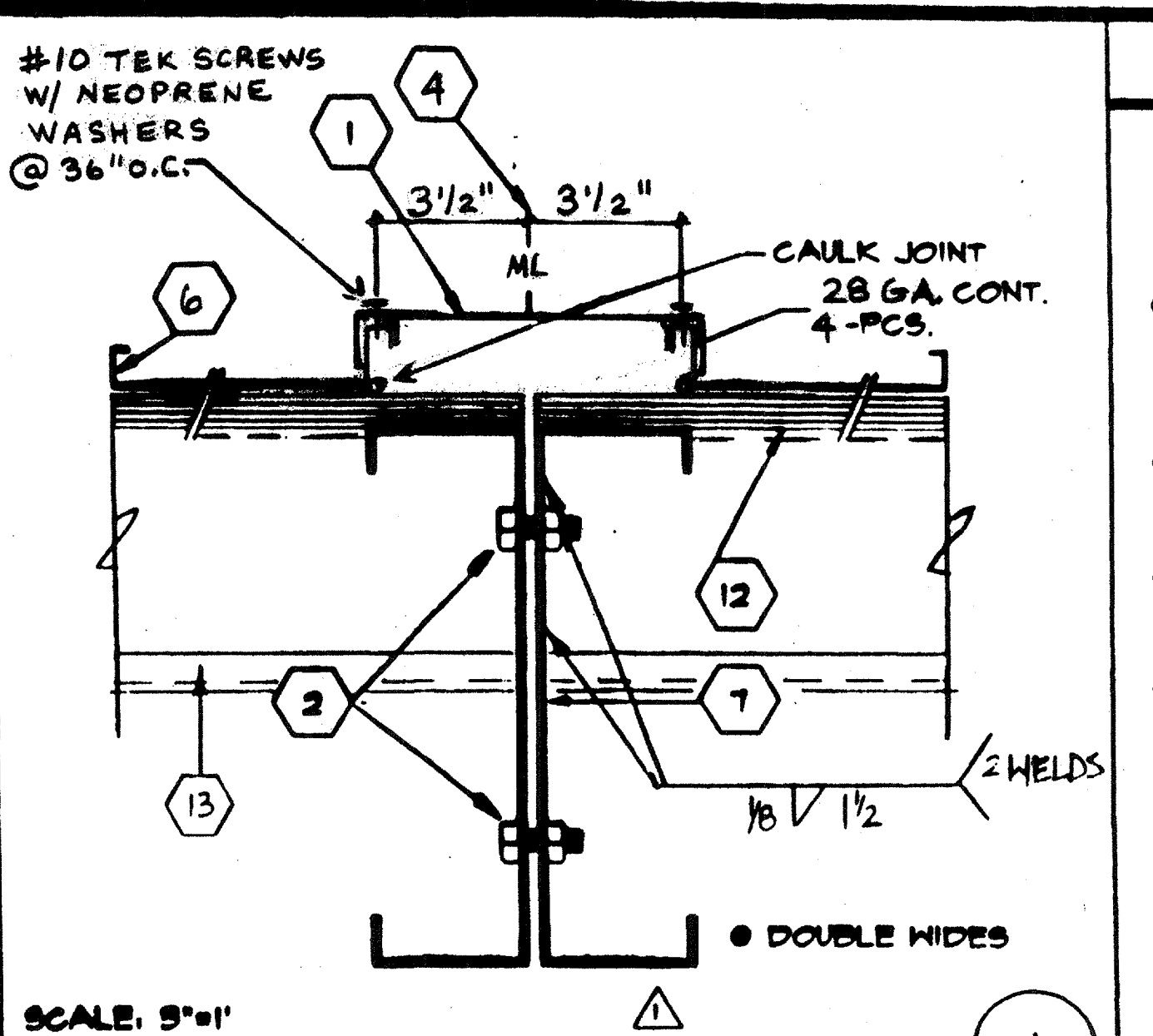
SCALE: 5"=1'
MECH. DUCT OPENING IN HEADER (4)



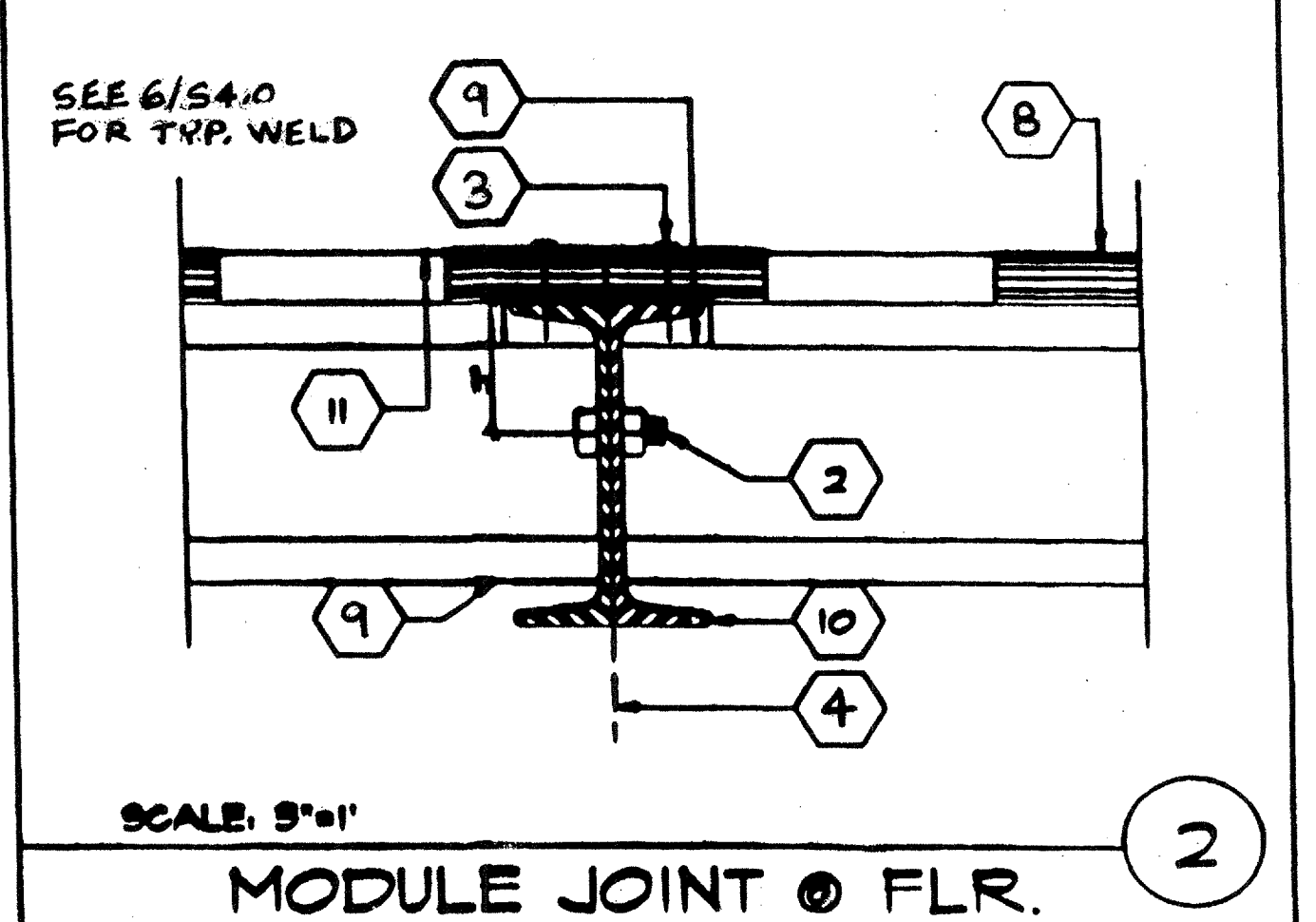
SCALE: NTS
ROOF PAN (30GA.) (5)



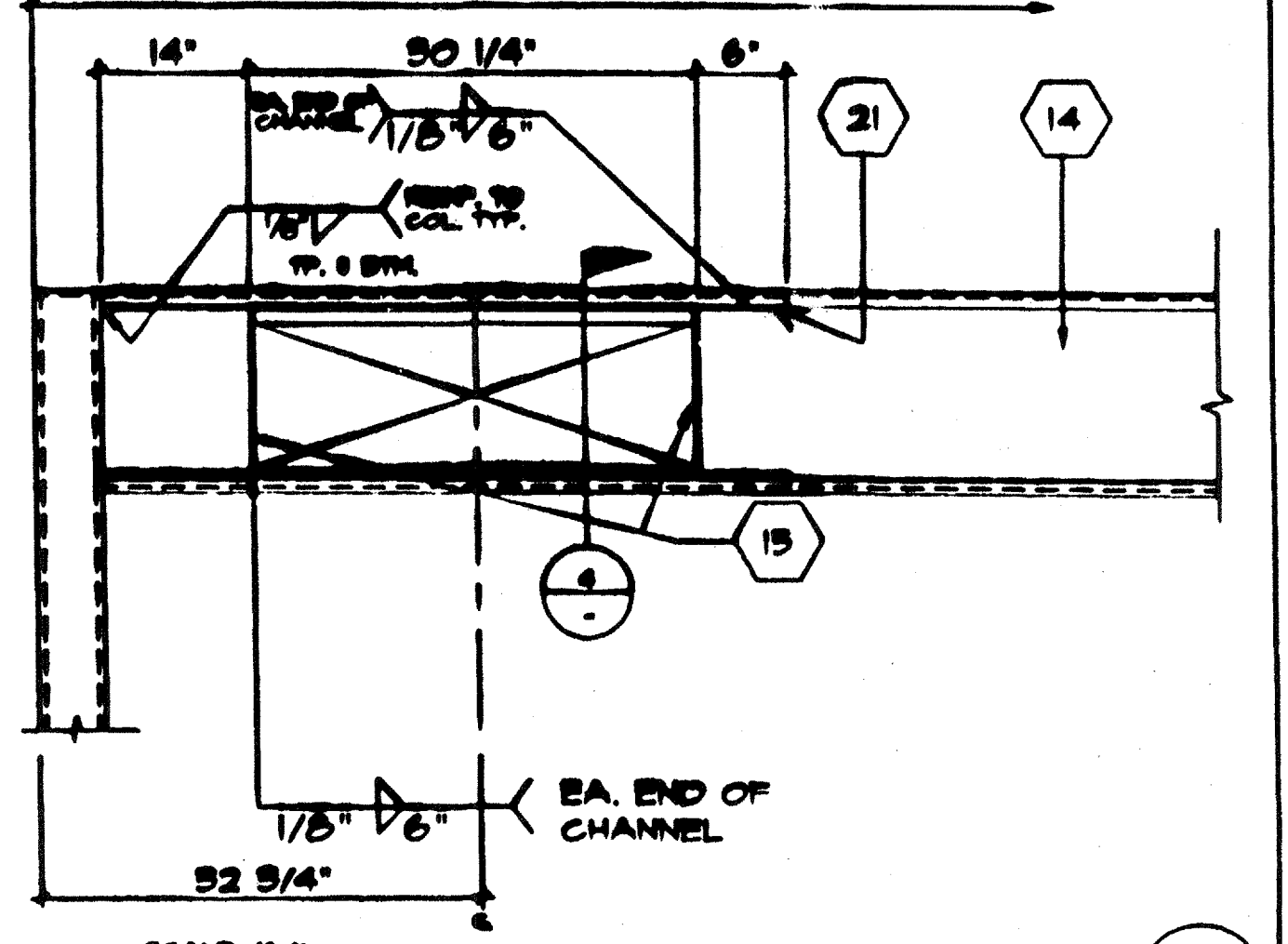
SCALE: 5"=1'
FLOOR FRAME/JOIST TO BEAM (9)



SCALE: 5"=1'
ROOFING @ MODLINE (1)



SCALE: 5"=1'
MODULE JOINT @ FLR. (2)



SCALE: 1"=1'
ELEVATION-OPENING (3)

- KEY NOTES**
- 1 CAP CLOSURE @ RIDGE 28 GA. 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 1/4" @ 8" O.C. FULL DEPTH STIFFENER PLATE (SEE 4/53.1)
 - 6 STANDING ROOF BEAM (SEE A2.0)
 - 7 ROOF BEAM (SEE STRUCTURAL) SEE 1/53.1 & 7/53.1
 - 8 PLYWOOD FLOOR SHEATHING
 - 9 FLOOR JOIST 6/53.1
 - 10 FLOOR BEAM (SEE STRUCTURAL 5/53)
 - 11 HAND HOLE @ BOLT LOCATION
 - 12 PLYWOOD ROOF SHEATHING
 - 13 PURLIN
 - 14 ROOF HEADER (SEE STRUCTURAL 3/53.1)
 - 15 1/4" STIFFENER PLATE SEE 5/53.1 FOR TYP. WELD
 - 16 "C" BLOCKING SEE 6/53.1
 - 17 IOGA. BACK-UP R.
 - 18 NOT USED
 - 19 NOT USED
 - 20 NOT USED
 - 21 3/4" X 1/4" X 30 1/4" LX IOGA. CHANNEL TOP & BOTTOM CENTER OF OPENING
 - 22 NOT USED
 - 23 TUBE STEEL (SEE 11/53.1) STIFFENER COPE TO FIT ROOF BEAM
 - 24 OVERHANG ROOF BEAM 8 X 3/2 X 14 GA.

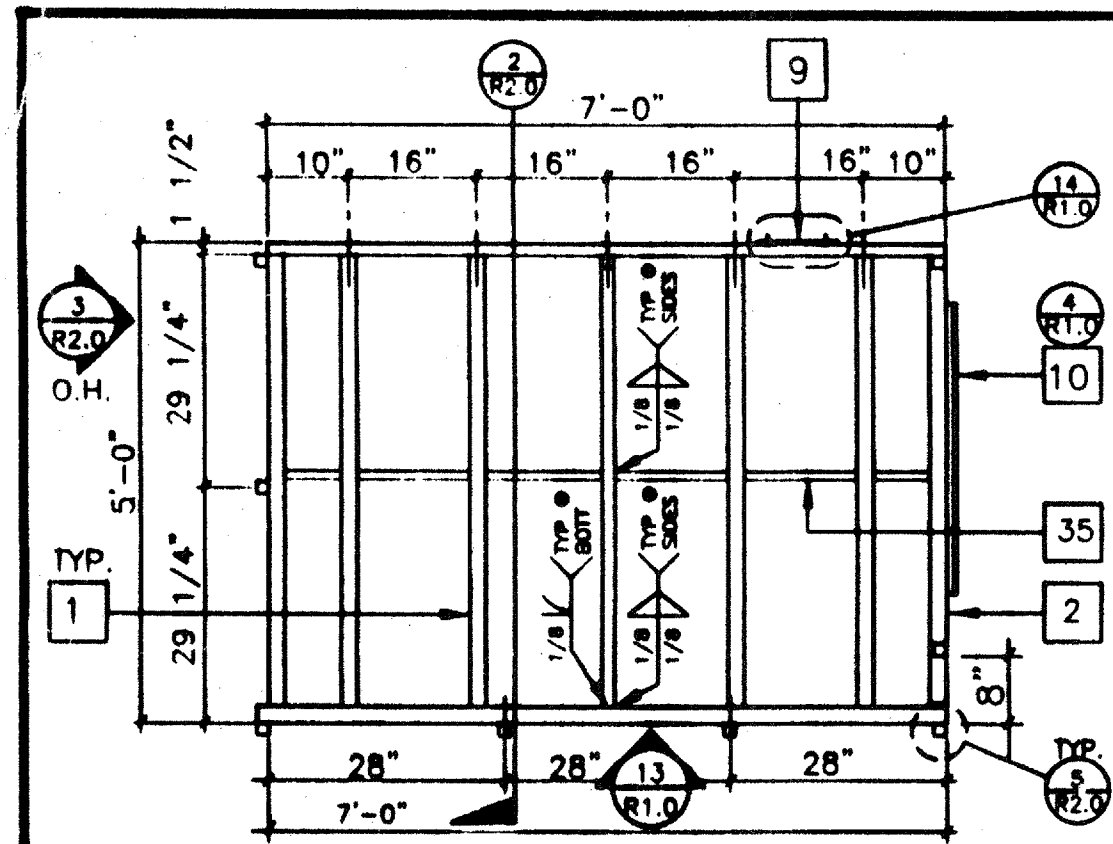
REVISIONS	ELECTRICAL	MECHANICAL	STRUCTURAL	ARCHITECT	DIVISION OF THE STATE ARCHITECT
11/14/97 CHANGE PER DSA					

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

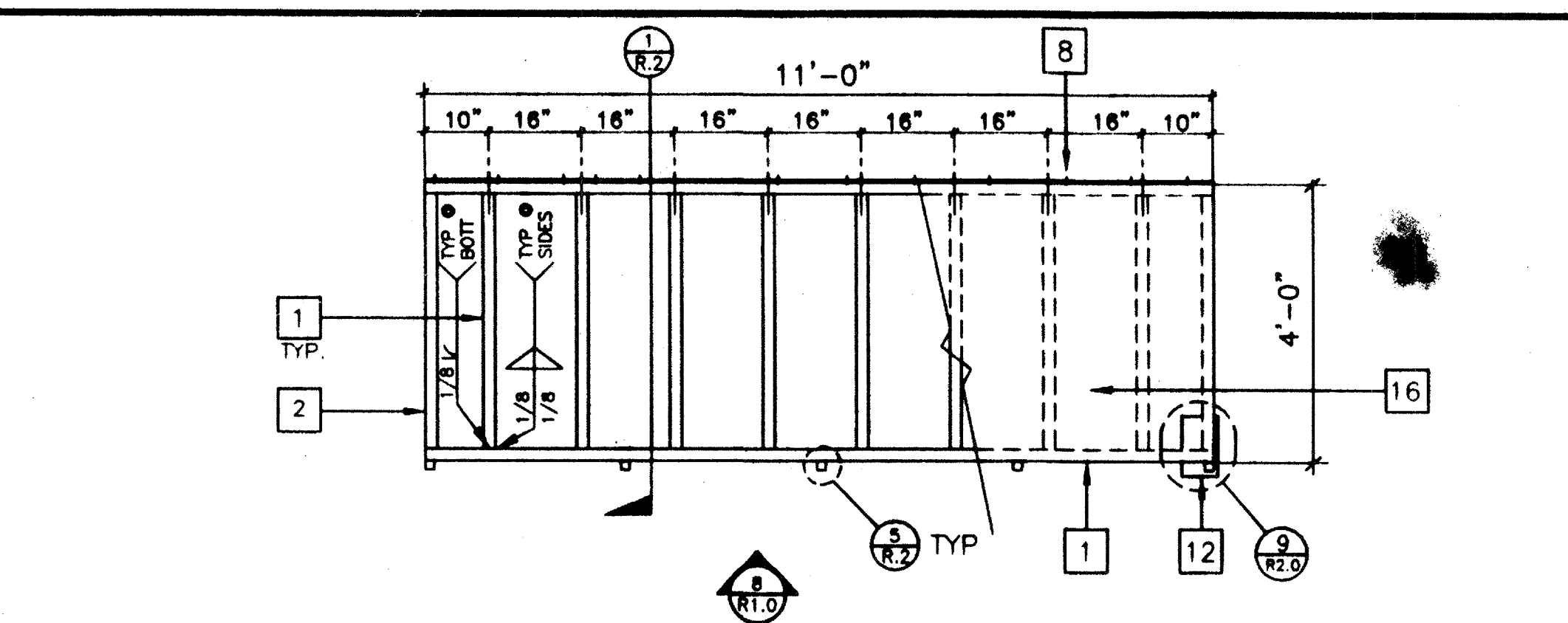
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 04 100690
 AC FLS SS
 DATE SEP 3 1998

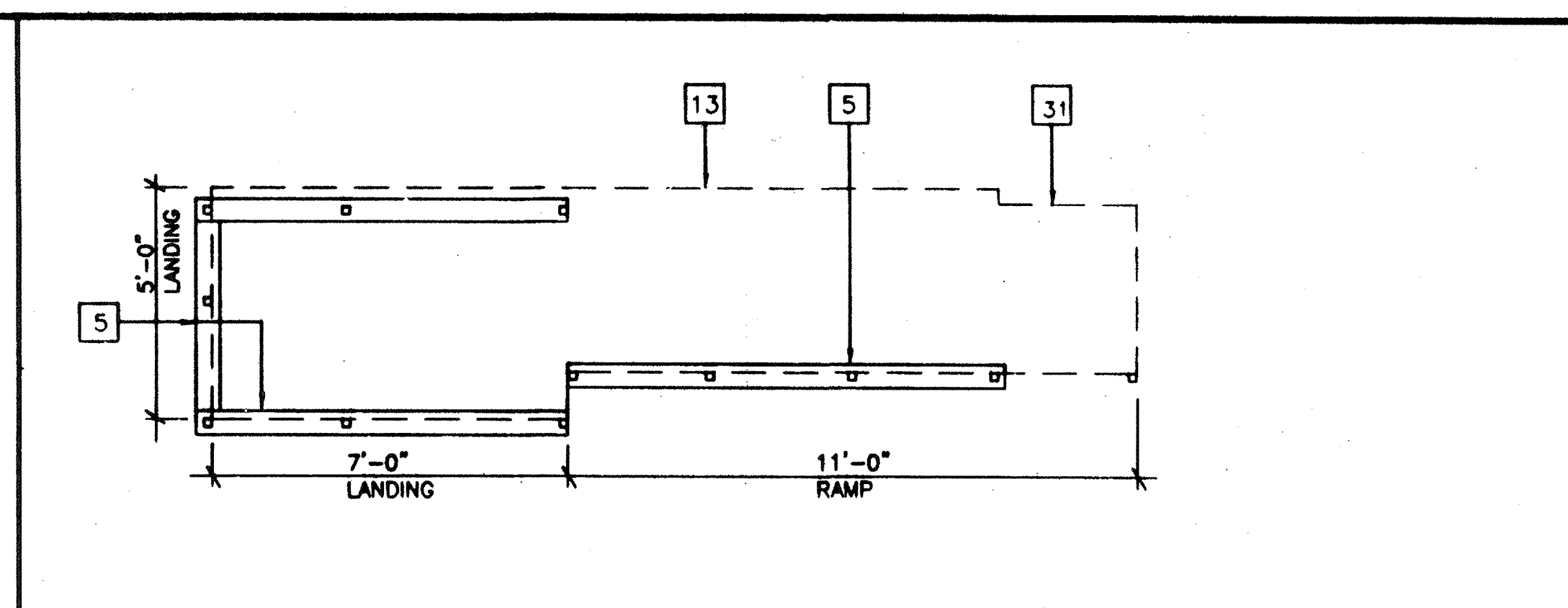
4012-085 **STKP-40**
 JOB NO.
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 OFFICE OF REGULATION SERVICES
 04 100690
 AC FLS SS
 DATE SEP 3 1998
 3060
 2928
STRUCTURAL DETAILS S4.0



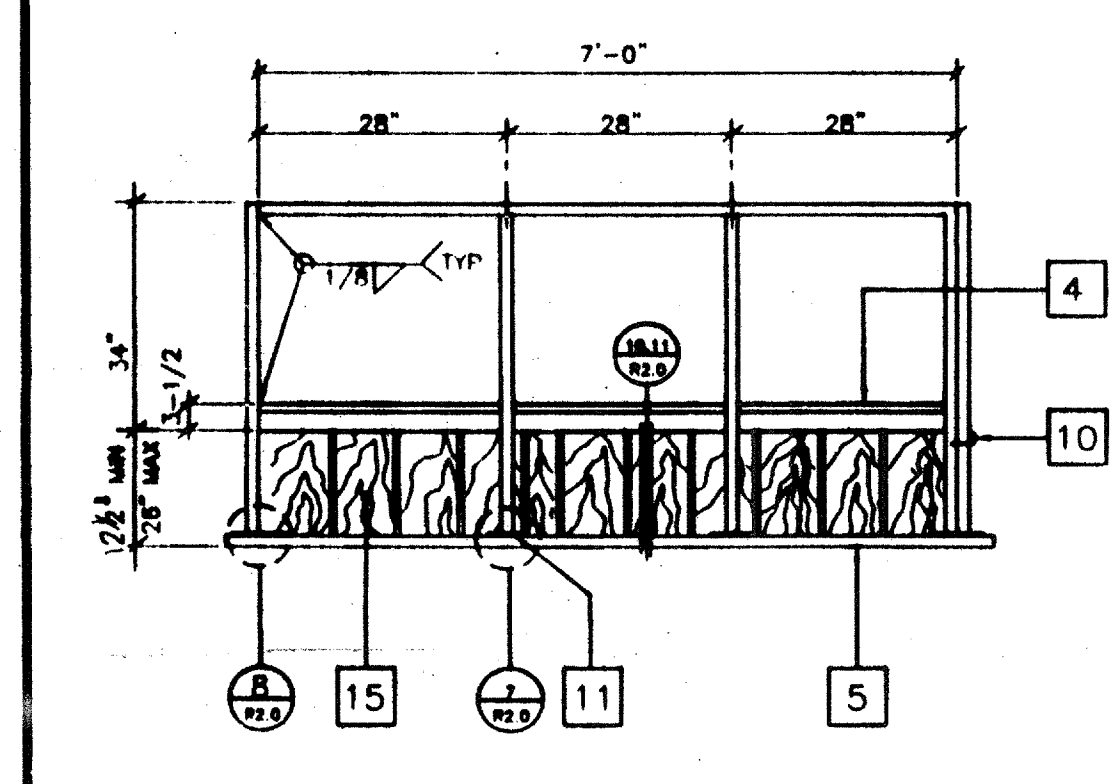
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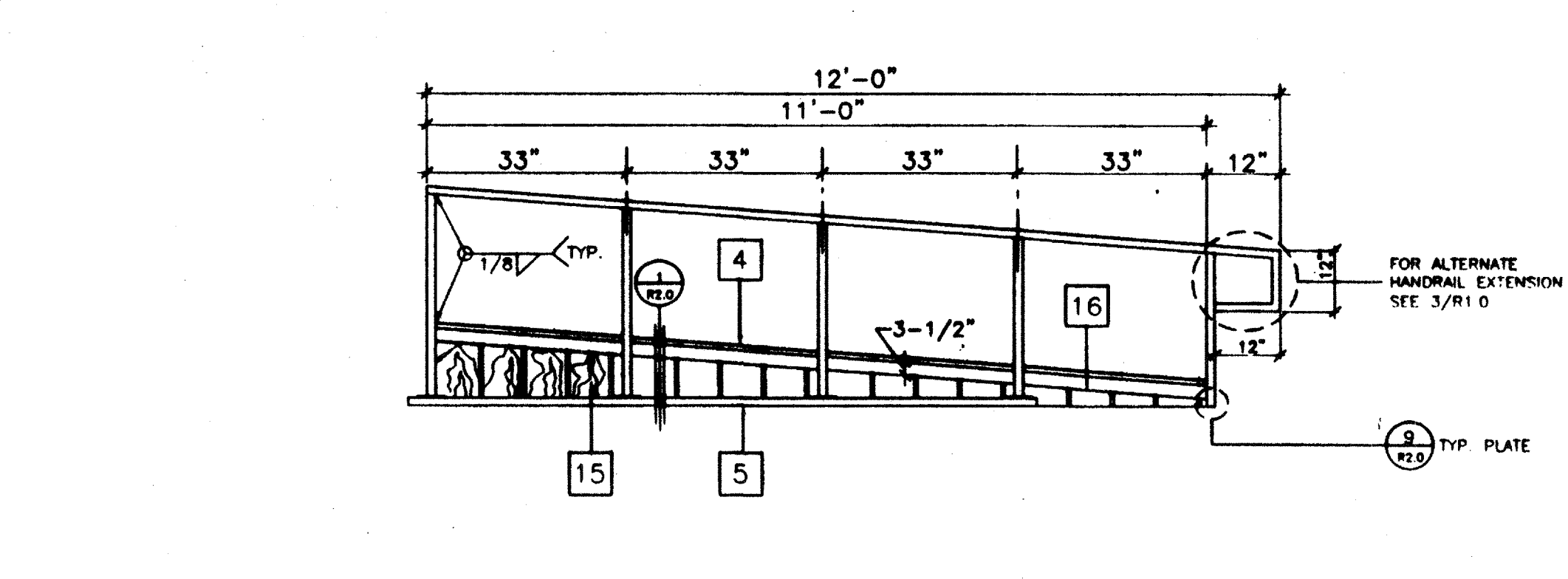
RAMP FRAME 7



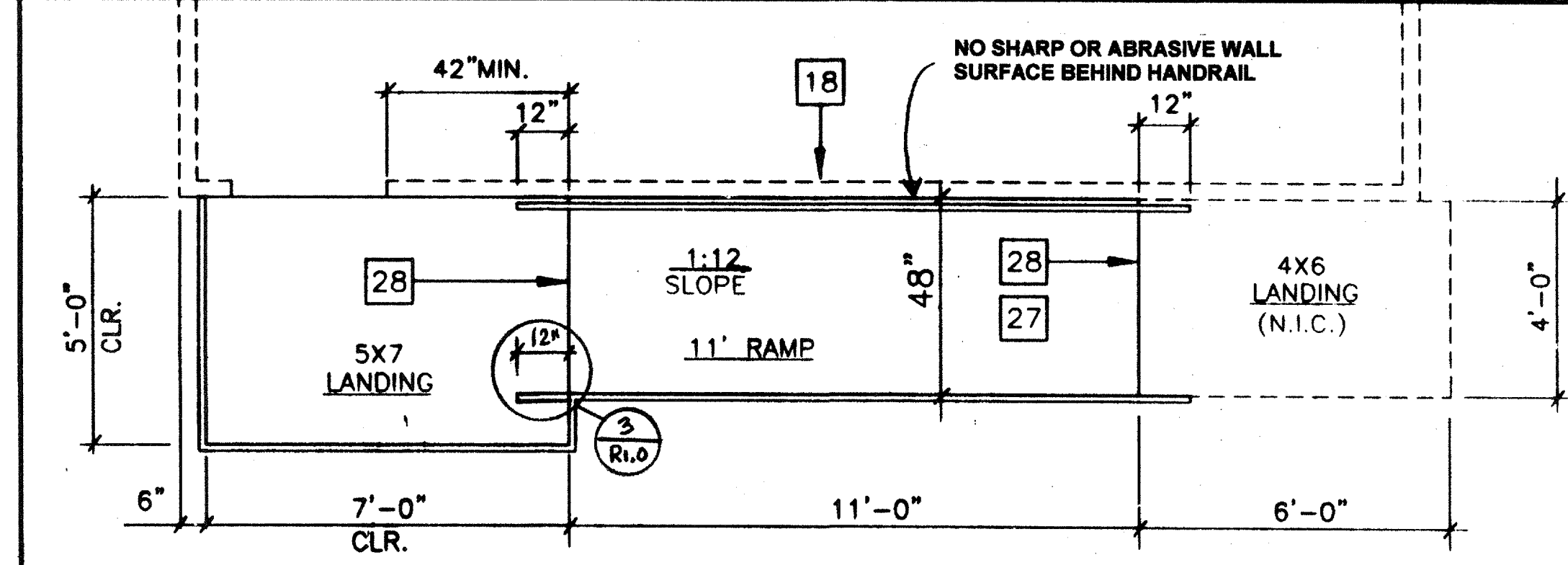
SILL PLAN FOR RAMP AND LANDING 1



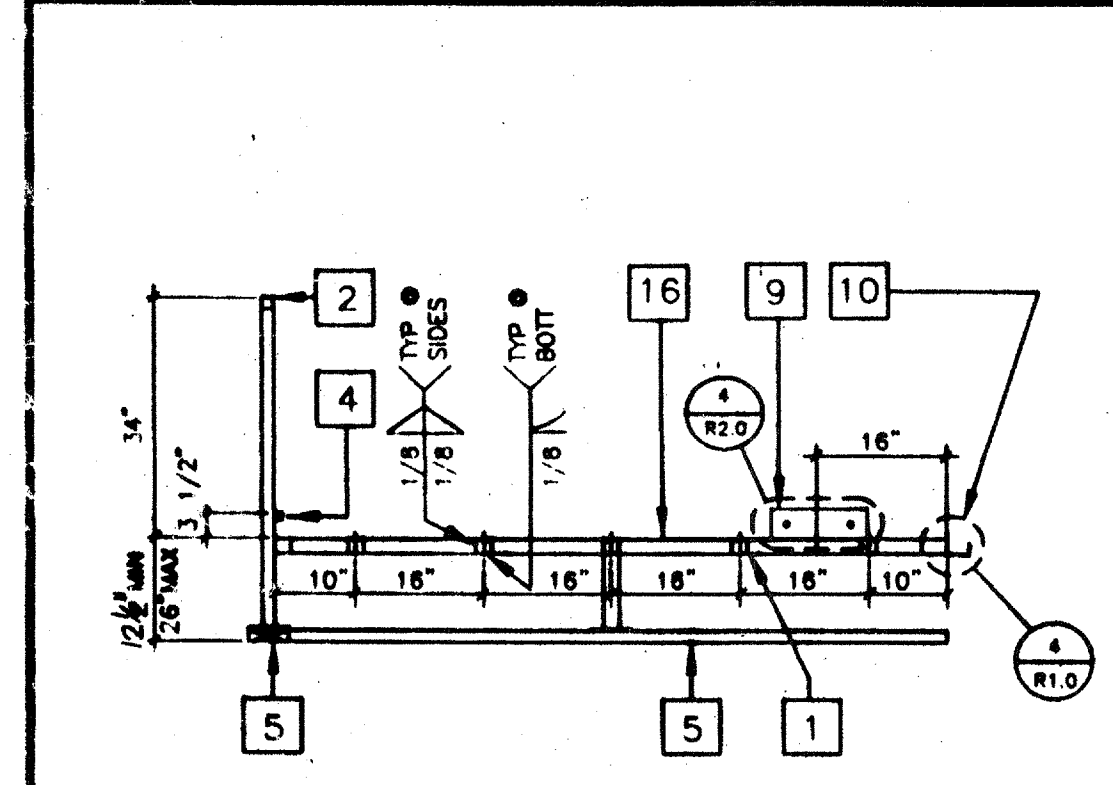
LANDING ELEVATION 13



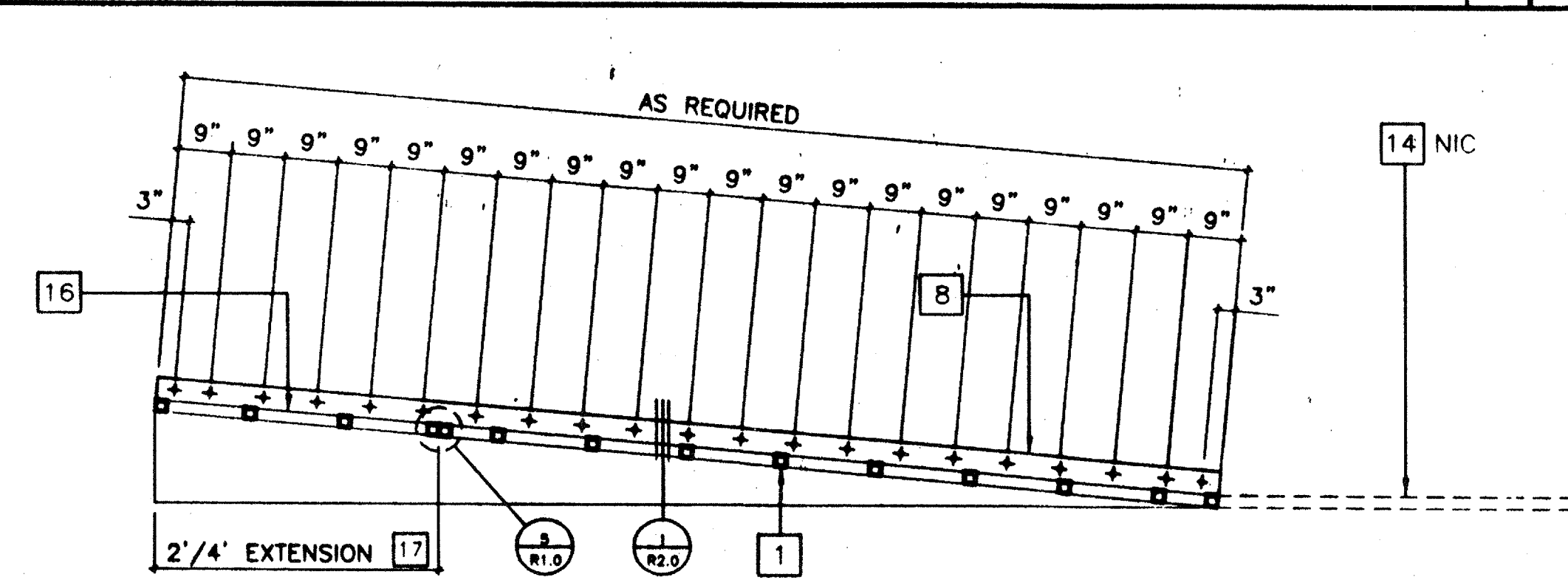
RAMP ELEVATION 8



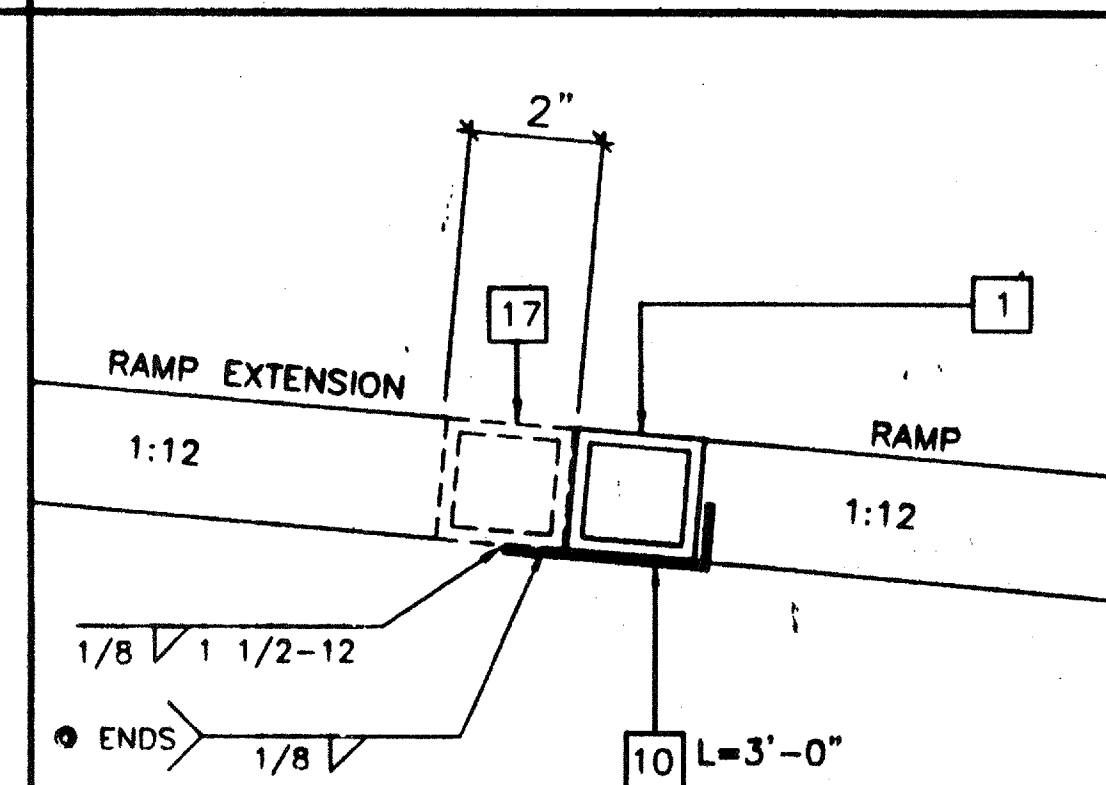
RAMP AND LANDING AT BUILDING 2



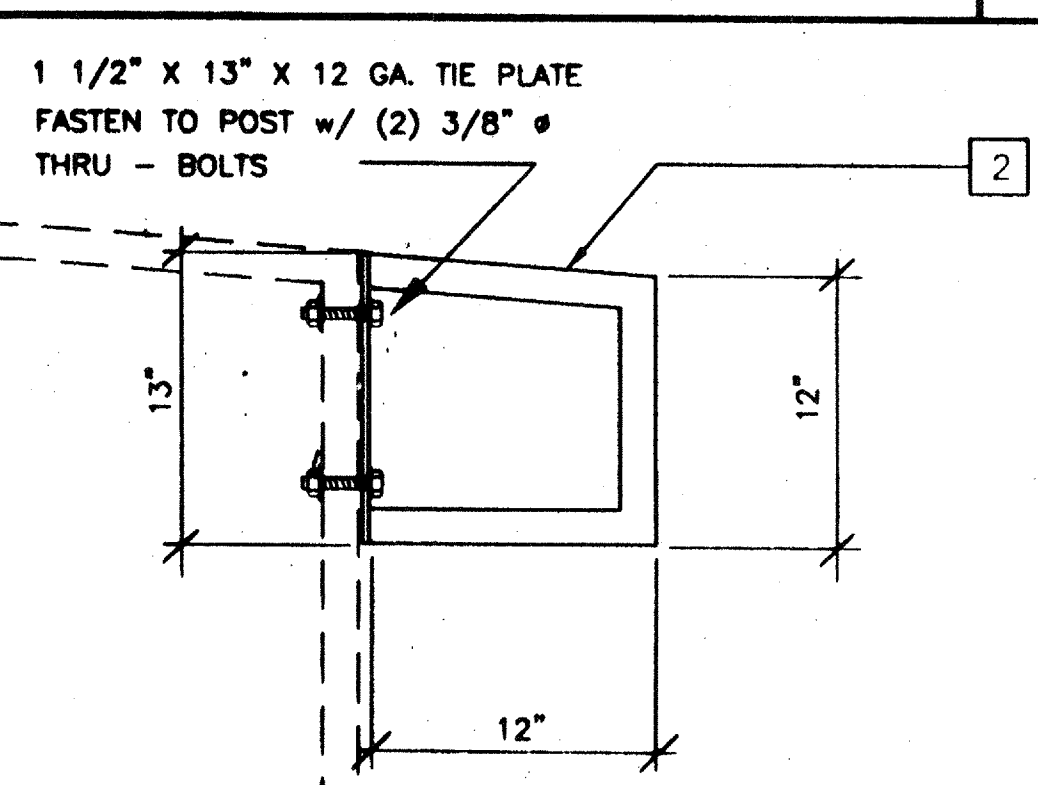
LONG. SECTION @ LANDING 14



LONGITUDINAL SECTION @ RAMP 9

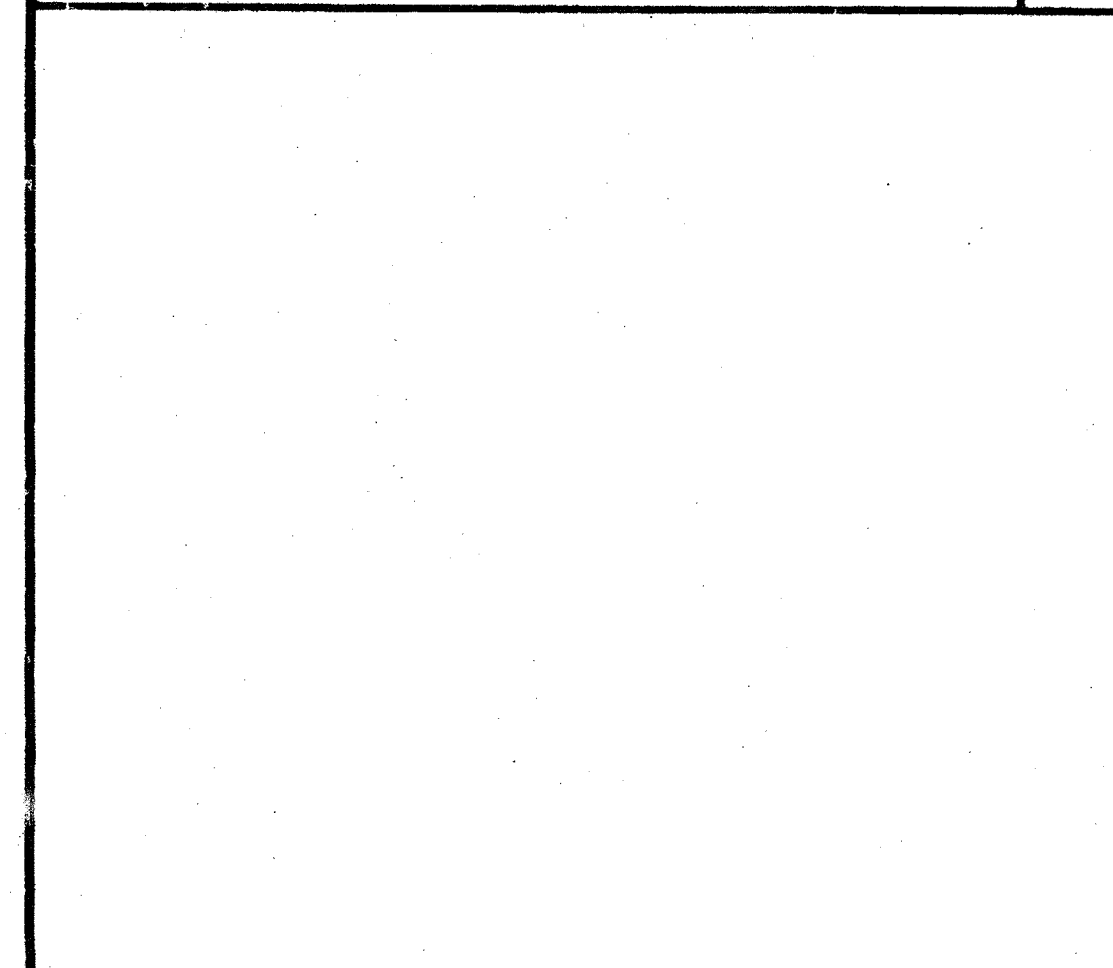


RAMP EXTENSION TO RAMP 5

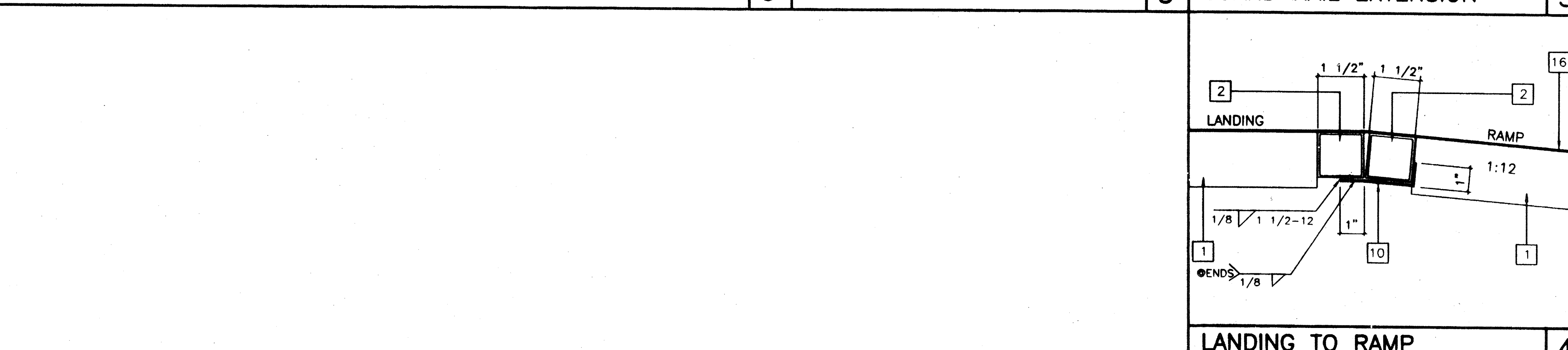


GUARD RAIL EXTENSION 3

- KEY NOTES**
- TS 2" x 2" x 14ga
 - TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
 - TS 1" x 1" x 16ga WHEELCHAIR GUIDE
 - 2 x 6 PT SILL PLATE
 - 6" x 10ga CONT. PLATE W/ 1/4" X 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUND. BLOCKS OR #1: x 2" TEK SCREWS INTO STEEL @ 9" OC
 - 6" x 12" x 10ga PLATE W/ 2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
 - 3" x 1" x 3'-0" x 10ga BENT PLATE
 - 2" x 4" x 12ga BASE PLATE W/ 2-1/4" x 1" LAGS
 - 6" x 10" x 12ga BASE PLATE @ RAMP TOE
 - LINE OF RAMP/LANDING ABOVE
 - LOWER LANDING BY DISTRICT
 - 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 @ 8" OC
 - 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6. MAINTAINABLE FOR 1 YR
 - RAMP EXTENSION FRAME.
 - EXISTING BUILDING.
 - RAMP BY MODTECH
 - FLUSH TRANSITION
 - NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LONG.
 - TS 1" x 1" x 16ga



LANDING TO RAMP 4



REVISIONS

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

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 DIV. OF THE STATE ARCHITECT
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 PC 282
 AC 11/15/96
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 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

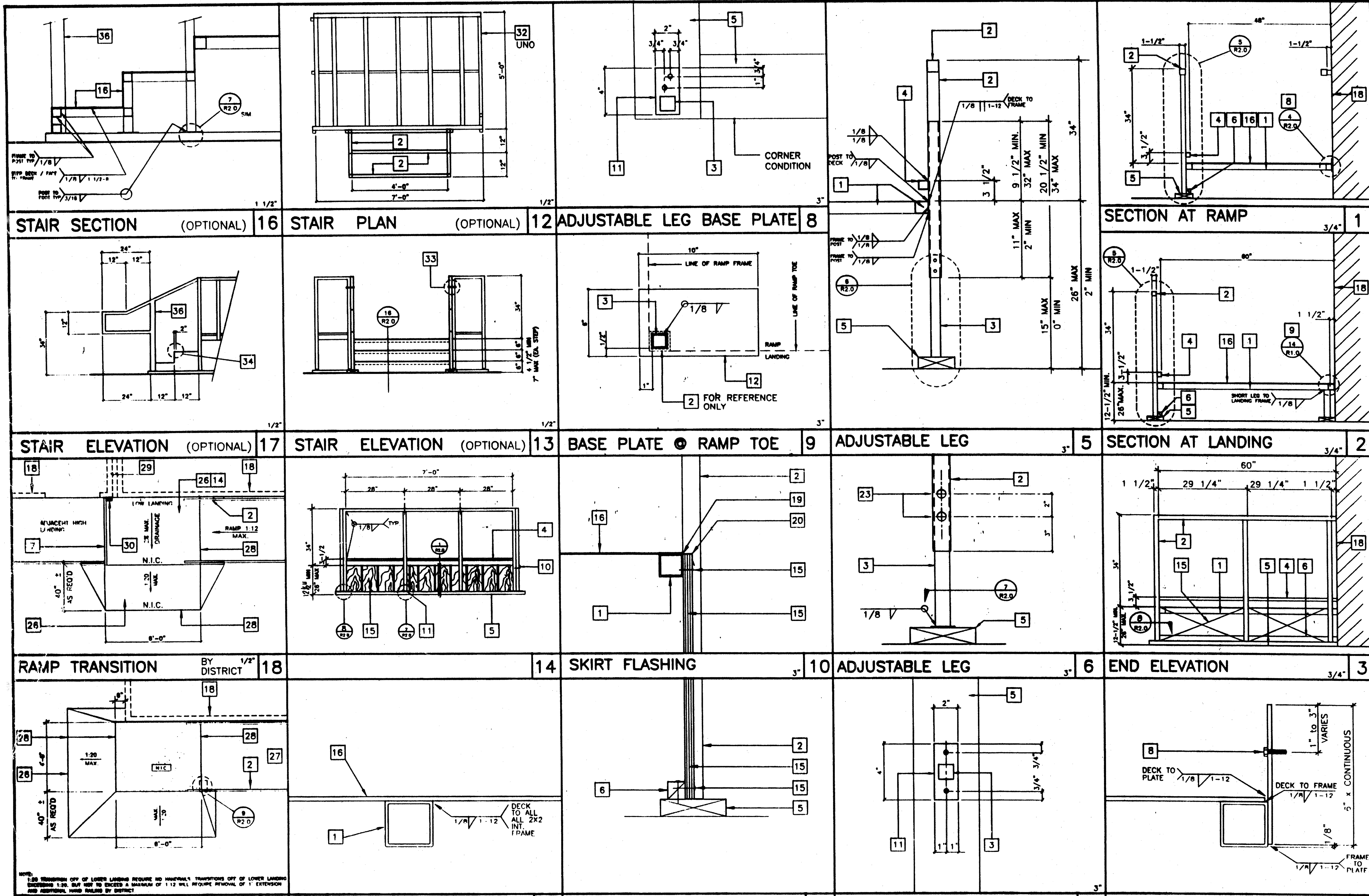
Job Number: PC 282

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4012-085 **STKP-40**

drawn by FWH
 date 11/96
 checked by
 date
 Modtech project no.
 MODTECH Index No.

RAMP / LANDING R1.0



- ### KEY NOTES
- TS 2" x 2" x 14ga
 - TS 1 1/2" x 1 1/2" x 14ga (Fy = 39 KSI)
 - TS 1 1/4" x 1 1/4" x 14ga (Fy = 39 KSI)
 - TS 1" x 1" x 16ga WHEELCHAIR GUIDE
 - 2 x 6 PT SILL PLATE
 - 2 x 2 NAILER W/16d @ 12" OC
 - 2 x RW HEADER BY DISTRICT.
 - 6" x 10ga CONTINUOUS PLATE W /#14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9" OC
 - 2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
 - 6" x 10" x 12ga BASE PLATE @ RAMP TOE.
 - LOWER LANDING BY DISTRICT
 - 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 @ 9" OC
 - 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.8. MAINTAINABLE FOR 1 YR EXISTING BUILDING.
 - CAULKING
 - 26 ga FLASHING
 - 3/8" dia x 2" LONG MB W/NUT & WASHERS
 - PAVE BY DISTRICT.
 - RAMP BY MODTECH
 - FLUSH TRANSITION
 - 3" MINIMUM BUILDING SERERATION
 - PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
 - FOR LANDING DETAILS AND RAMP ATTACHEMENT SEE 12/R1.0
 - FASTEN POSTS W/ 3/8" @ THRU BOLT. TYPICAL
 - 2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
 - TS 2 1/2" x 1 1/2" x 6ga ASTM A500 GRADE A

REVISIONS

NO.	DESCRIPTION	DATE

BY DISTRICT 1/2"

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

Architects

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

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PC 282

DATE JAN 21 1997

MODTECH

Job Number: PC 282

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drawn by: FWH

date: 11/96

checked by: [Signature]

date: [Date]

Modtech project no: 3060 2928

MOOTCH Index No. [Blank]

4012-085 STKP-40

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O4 100690

AC [Signature]

DATE [Date]

RAMP/STAIR DETAILS R2.0

JOB# 2724 # 2818-C

PC - 284

(4) 12' X 40' TOILET BUILDING OPTION C FOR

ANAHEIM U.H.S.D.

(CLASS LEASING, INC.)

STOCK PILE # 36

SERIAL # 33231, 35292, 35293, 35294

AS ALTERNATE FOR ALL SHOT PIN ATTACHMENTS, USE #10 S.T.S.M.S. AT THE SAME SPACING.

NOTE: SPECIFICATIONS SUBJECT TO CHANGE DUE TO D.S.A. REQUIREMENTS AND PRODUCED IMPROVEMENTS.

APPLICABLE CODES - NEW CONSTRUCTION

1994 UBC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA BUILDING CODE - PART 2, TITLE 24, CCR)
 1995 NEC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA ELECTRICAL CODE - PART 5, TITLE 24, CCR)
 1994 UMC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA MECHANICAL CODE - PART 4, TITLE 24, CCR)
 1994 UPC AND 1995 CALIFORNIA AMENDMENTS (19 CALIFORNIA PLUMBING CODE - PART 5, TITLE 24, CCR)
 1995 UNIFORM FIRE CODE WITH STATE AMENDMENTS (CALIFORNIA FIRE CODE - PART 9, TITLE 24, CCR)
 1994 BUILDING STANDARDS CODE (19 STATE REFERENCED STANDARDS CODE - PART 12, TITLE 24, CCR)
 TITLE 19, C.C.R. PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

BUILDING DATA	
12'X40'BLDG.	
OCCUPANCY	E-2
TYPE OF CONSTRUCTION	V-N
WIND LOAD	75 MPH, EXP. 'C'
FLOOR LIVE LOAD	50 P.S.F.
ROOF LIVE LOAD	20 P.S.F.
BUILDING AREA / BUILDING	480 SQ.FT.
STRUCTURAL DESIGN	STEEL FRAME

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 OFFICE OF REGULATION SERVICES

OF 100270
 AC: [Signature]
 DATE: APR 6 1998

FLS: [Signature]
 ACS: [Signature]
 SS: [Signature]

SHEET INDEX SITE SET-UP

ARCHITECTURAL	STRUCTURAL	PLUMBING	ELECTRICAL	RAMP
A.0 - COVER SHEET A1.0 - FLOOR PLAN "A" A1.1 - FLOOR PLAN "B" A1.2 - FLOOR PLAN "C" A1.3 - FLOOR PLAN "D" A1.4 - FLOOR PLAN "E" A1.5 - FLOOR PLAN "F" A1.6 - FLOOR PLAN "G" A2.0 - INTERIOR / EXTERIOR ELEVATIONS "A" A2.1 - INTERIOR / EXTERIOR ELEVATIONS "B" A2.2 - INTERIOR / EXTERIOR ELEVATIONS "C" A2.3 - INTERIOR / EXTERIOR ELEVATIONS "D" A2.4 - INTERIOR / EXTERIOR ELEVATIONS "E" A2.5 - INTERIOR / EXTERIOR ELEVATIONS "F" A2.6 - INTERIOR / EXTERIOR ELEVATIONS "G" A3.0 - REFLECTED CEILING PLAN & DETAILS "A" A3.1 - REFLECTED CEILING PLAN & DETAILS "B" A3.2 - REFLECTED CEILING PLAN & DETAILS "C" A3.3 - REFLECTED CEILING PLAN & DETAILS "D" A3.4 - REFLECTED CEILING PLAN & DETAILS "E" A3.5 - REFLECTED CEILING PLAN & DETAILS "F" A3.6 - REFLECTED CEILING PLAN & DETAILS "G" A4 - FINISH SCHEDULE A4.0 - ARCHITECTURAL DETAILS A4.01 - ARCHITECTURAL DETAILS A4.1 - ARCHITECTURAL / TYPICAL DETAILS	F1.0 - FOUNDATION PLAN & DETAILS (CONCRETE) F2.0 - FOUNDATION PLAN & DETAILS (WOOD) S1.0 - FLOOR FRAMING PLAN S2.0 - ROOF FRAMING PLAN S2.0A - ROOF FRAMING PLAN (SS - SA) S3.0 - STRUCTURAL ELEVATIONS AND DETAILS S4.0 - STRUCTURAL DETAILS S4.1 - HALL FRAMING "A" S4.2 - HALL FRAMING "B" S4.3 - HALL FRAMING "C" S4.4 - HALL FRAMING "D" S4.5 - HALL FRAMING "E" S4.6 - HALL FRAMING "F" S4.7 - HALL FRAMING DETAILS S4.8 - HALL FRAMING DETAILS S4.9 - HALL FRAMING DETAILS S4.10 - HALL FRAMING DETAILS S4.11 - HALL FRAMING DETAILS (OVERALL)	P1.0H - PLUMBING LAYOUT "A" (WALL MOUNT) P1.0C - PLUMBING LAYOUT "A" (FLOOR MOUNT) P1.1H - PLUMBING LAYOUT "B" (WALL MOUNT) P1.1C - PLUMBING LAYOUT "B" (FLOOR MOUNT) P1.2H - PLUMBING LAYOUT "C" (WALL MOUNT) P1.2C - PLUMBING LAYOUT "C" (FLOOR MOUNT) P1.3H - PLUMBING LAYOUT "D" (WALL MOUNT) P1.3C - PLUMBING LAYOUT "D" (FLOOR MOUNT) P1.4H - PLUMBING LAYOUT "E" (WALL MOUNT) P1.4C - PLUMBING LAYOUT "E" (FLOOR MOUNT) P1.5H - PLUMBING LAYOUT "F" (WALL MOUNT) P1.5C - PLUMBING LAYOUT "F" (FLOOR MOUNT)	E1.0 - ELECTRICAL PLAN "A" E1.1 - ELECTRICAL PLAN "B" E1.2 - ELECTRICAL PLAN "C" E1.3 - ELECTRICAL PLAN "D" E1.4 - ELECTRICAL PLAN "E" E1.5 - ELECTRICAL PLAN "F"	R1.0 - RAMP / LANDING R2.0 - RAMP / STAIRS / DETAILS R3.0 - RAMP / STAIRS / DETAILS R4.0 - RAMP / STAIRS / DETAILS R5.0 - RAMP / LANDING

SYMBOLS		
DETAIL		DETAIL ON SAME SHEET AS SYMBOL
DETAIL		DETAIL NUMBER (1) ON SHEET NUMBER (2)
NOTE		NOTE NO. 1 ON SAME SHEET AS SYMBOL
NOTE		NOTE NO. 4 ON SHEET NUMBER (5)
HALL PANEL		HALL PANEL TYPE "A" ON SHEET (1)
SECTION		SECTION "A" ON SHEET (2)
REF.		REVISION CHANGE IN DNS. NO. (1), FIRST REVISION
REF.	CLOUD	HIGHLIGHTS CHANGED AREA
REF.		DOOR

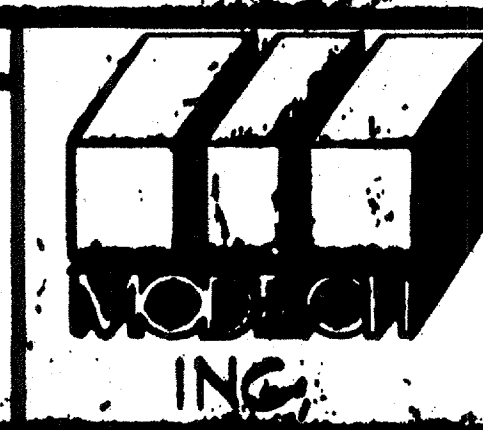
MACHINE APPLIED NAILING

USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOB SITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER AND THE OFFICE OF THE STATE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" PLYWOOD, IF NAILHEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER, OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED. THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY.

REFERENCE TITLE 24, PART 2, SEC. 2315 (c)

WITH THE SIGNING OF THESE DRAWINGS, HE ACKNOWLEDGES THAT HE HAS REVIEWED THESE PLANS AND SPECIFICATIONS AND HAS FOUND THEM TO BE IN GENERAL COMPLIANCE WITH THE BID DRAWINGS, SPECIFICATIONS AND ASSOCIATED ADDENDUMS. WHEN THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE OFFICE OF THE STATE ARCHITECT, THEY SHALL PRECEDE OVER CONFLICTING AREAS IN THE BID DRAWINGS AND SPECIFICATIONS, AND ANY ADDENDUMS THERETO.

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY
 [Signature]		 [Signature]				 [Signature]



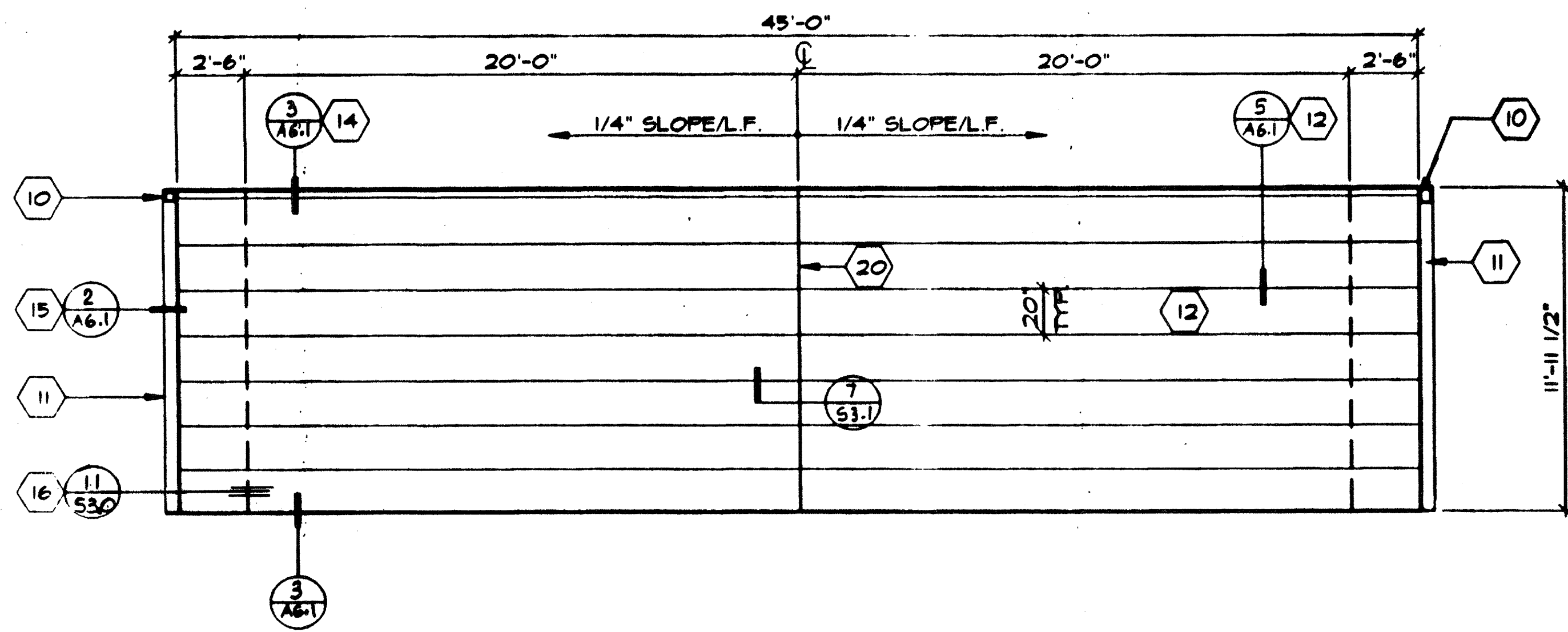
MODTECH, INC.
 2830 BARRETT AVE. P.O. BOX 1240
 FERRIS, CA. 92370 (714) 943-4014
 FAX (714) 657-8850

JOB# 2724 12 X 40 # 2818-C
 ANAHEIM U.H.S.D. (CLASS LEASING, INC.)

DRAWN BY: K.A.A.
 DATE: 1-1-98
 CHECKED BY: [Signature]
 DATE: [Signature]

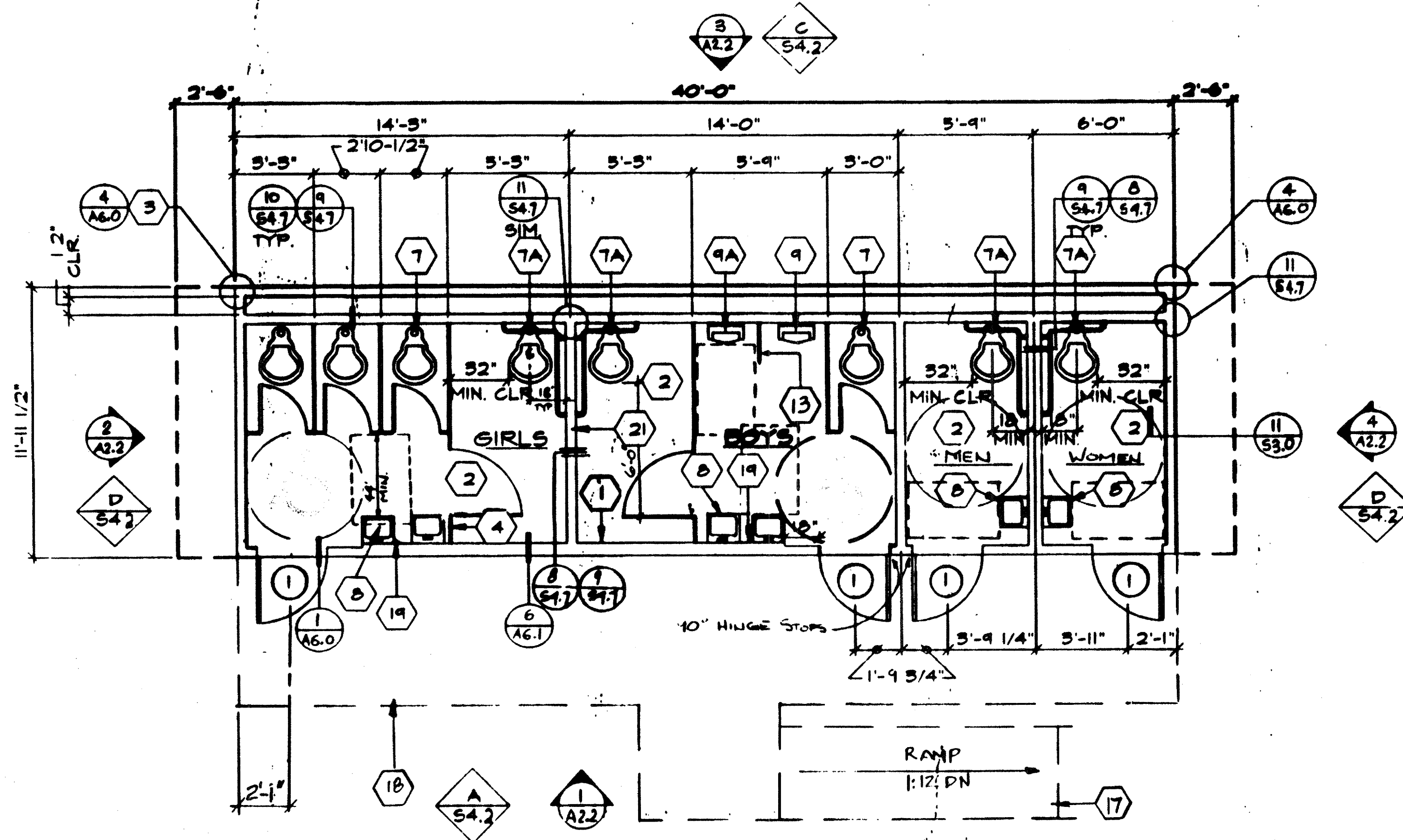
A.O

4012-081
 0118 036



ROOF PLAN

SCALE 1/4" = 1'-0"



FLOOR PLAN OPTION "C"

SCALE 1/4" = 1'-0"

KEY NOTES

- 1 TYPICAL INTERIOR FINISH, 1/8" MARLITE OVER 1/2" GYP. BD. OR 5/8" MARLITE FLAME SPREAD CLASS 5
- 2 FINISH FLOORING, SHEET VINYL WITH 6" RUBBER INTEGRAL COVERED BASE
- 3 METAL TAG ON ALL MODULES MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING. SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER
- 4 PARTITIONS
- 5 NOT USED
- 6 NOT USED
- 7 TOILET TYP.
- 7A HANDICAP TOILET TYP.
- 8 LAVATORY TYP.
- 9 URINAL TYP.
- 9A HANDICAP URINAL
- 10 DOWNSPOUT (26 GA. TYP.)
- 11 CONTINUOUS GUTTER (26 GA.)
- 12 26 GA. MIN. INTERLOCKING ROOF PANELS OVER 5/4" CDX PLYWOOD OVER AQUA BAR 15 (MH) ROOFING UNDERLAYMENT RADCO LISTING #1109 (22 GA. ROOF PANELS OPTIONAL) SEE ROOF FRAMING SHEET
- 15 PRIVACY SCREEN
- 14 BEAM @ SIDEWALL
- 15 FASCIA
- 16 HEADER
- 17 LINE OF RAMP/LANDINGS (SEE R1.0 & R2.0)
- 18 LINE OF LANDING (SEE R3.0)
- 19 SOAP DISPENSER (N.I.C.)
- 20 RIDGE LINE (TYP.)
- 21 INTERIOR PARTITION WALL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATORY SERVICES
04 100270
AC 12/15/98
DATE APR 6 1999

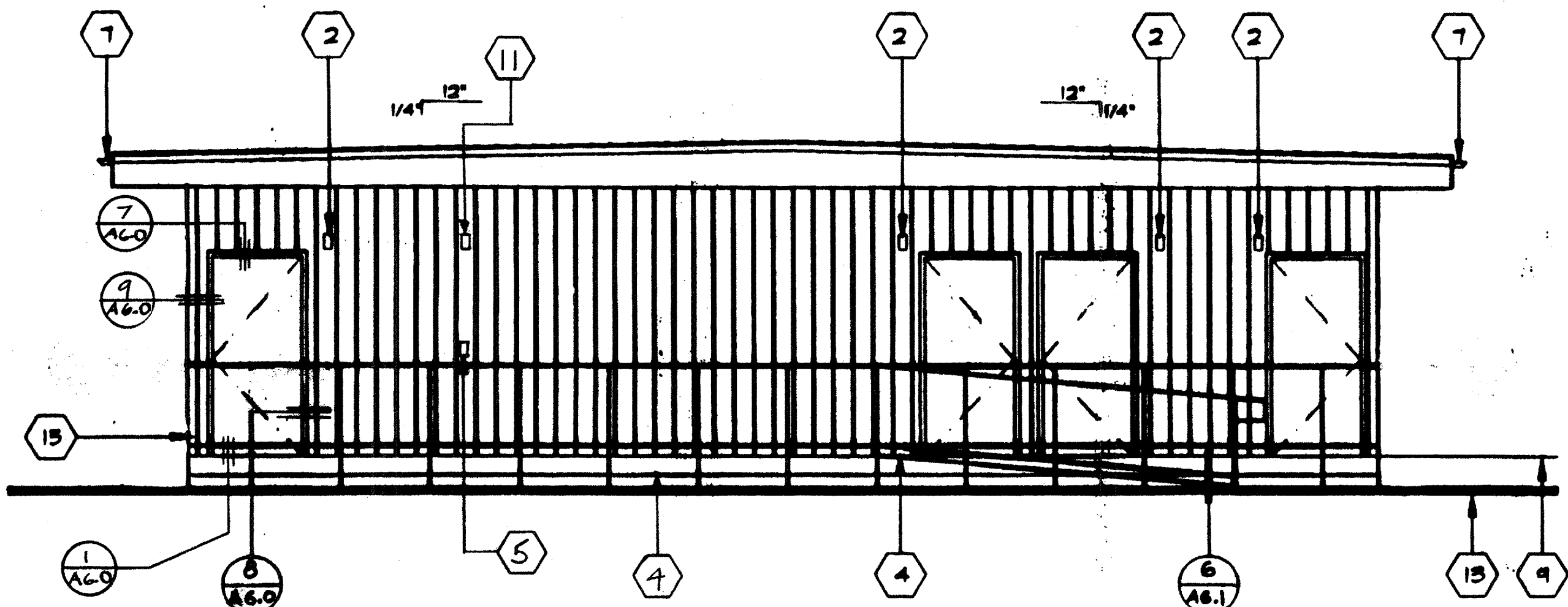
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATORY SERVICES
03 127095
AC 12/15/98
DATE APR 6 1999

NOTE:
BUILDING HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN TABLE 15A, CBC, CLASS A

5/11/98

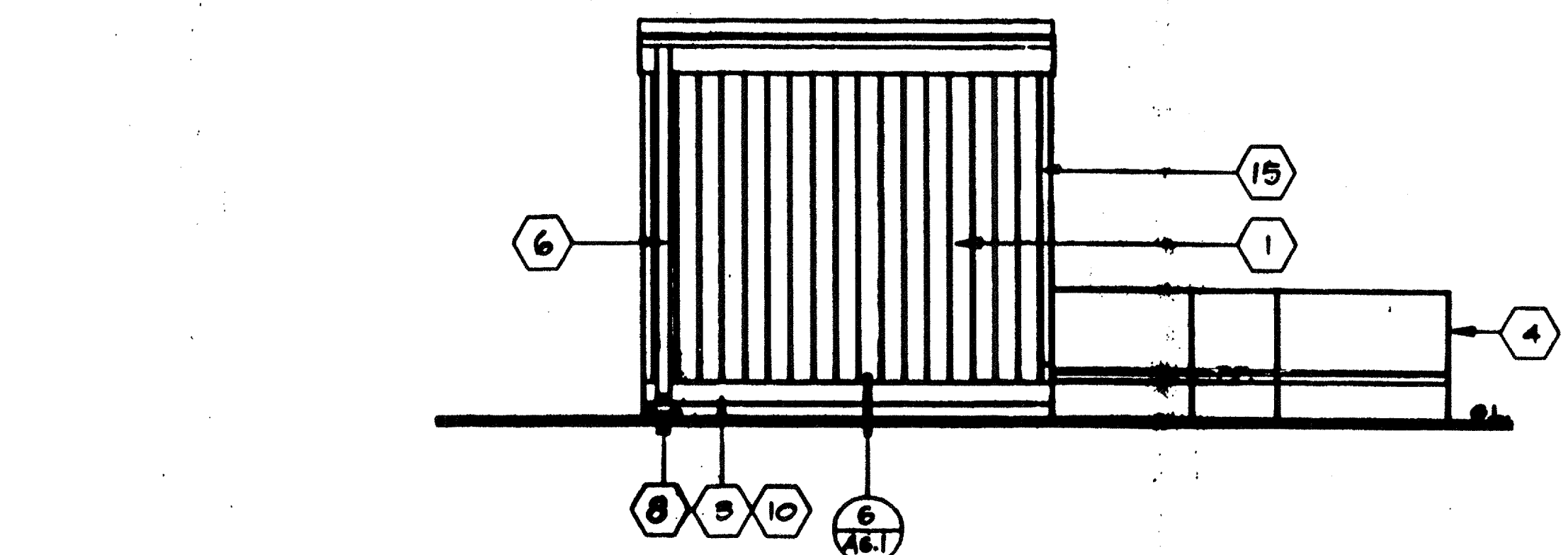
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

JOB # A-134-98
ANAHIM UHS.D. (CLASS LEASING)
OPTION "C"
MODTECH INC. 1995
4012-081
CLLS.036
FLOOR PLAN A1.2



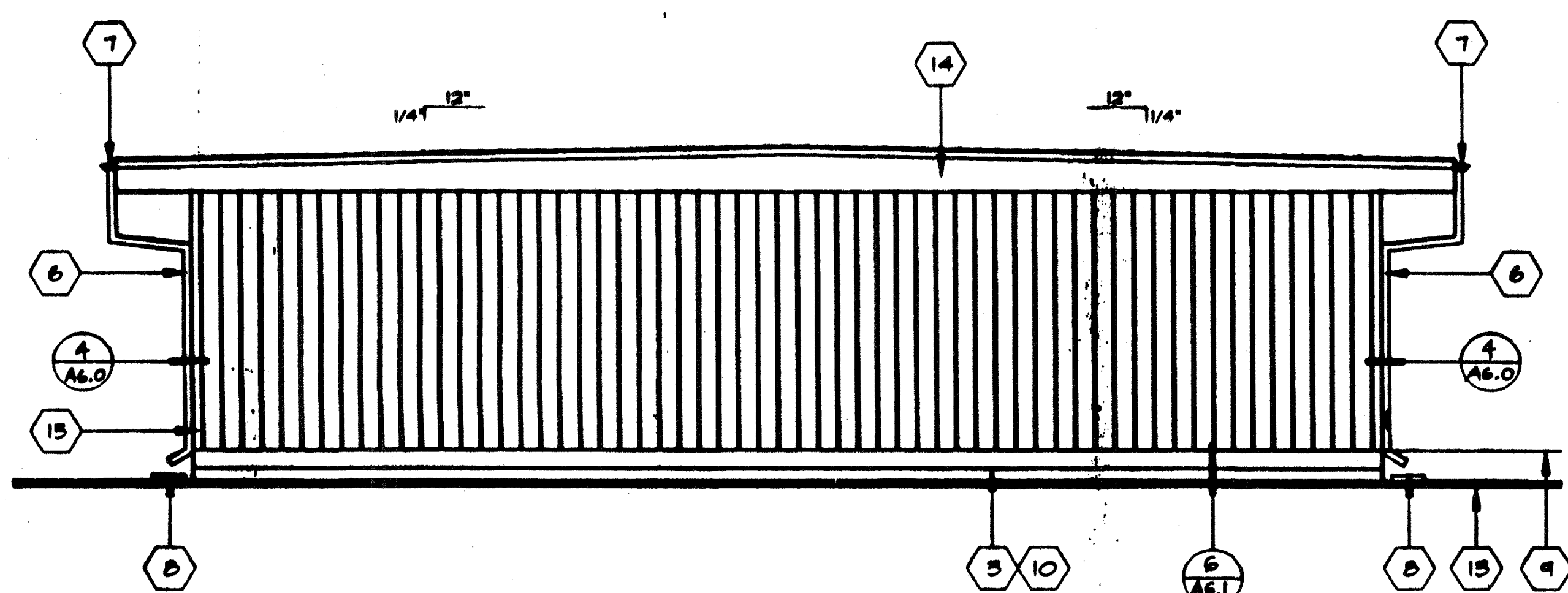
1 FRONT ELEVATION

SCALE 1/4" = 1'-0"



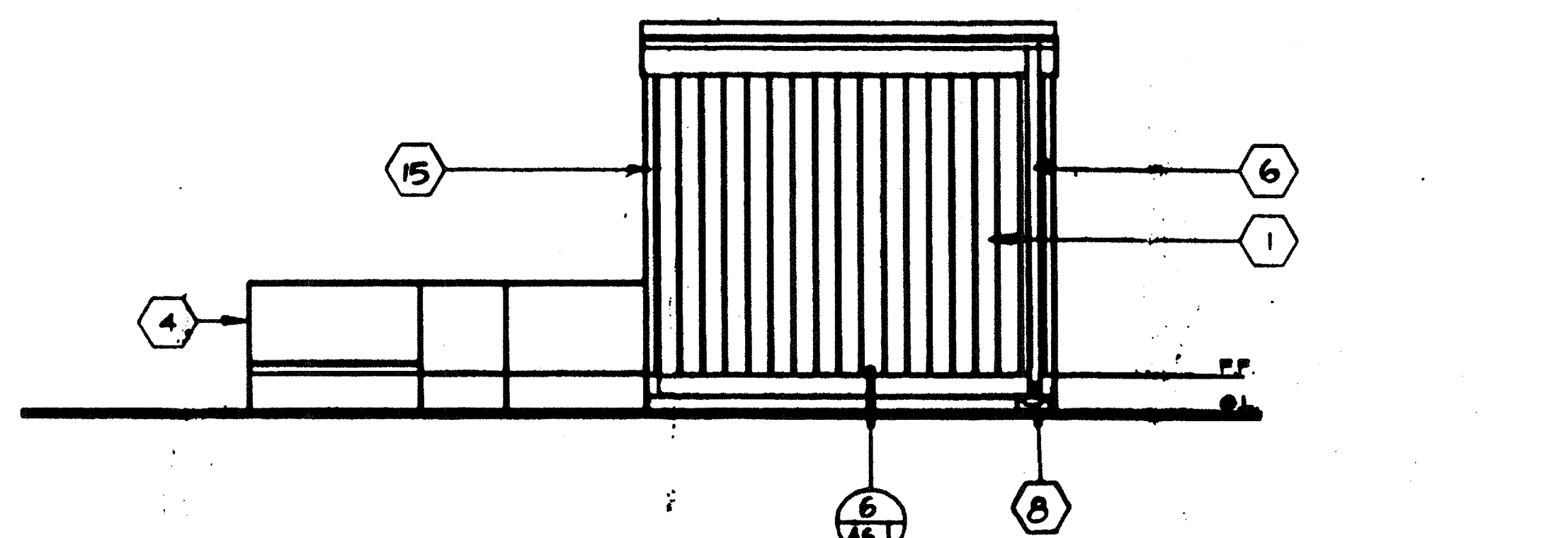
2 SIDE ELEVATION

SCALE 1/4" = 1'-0"



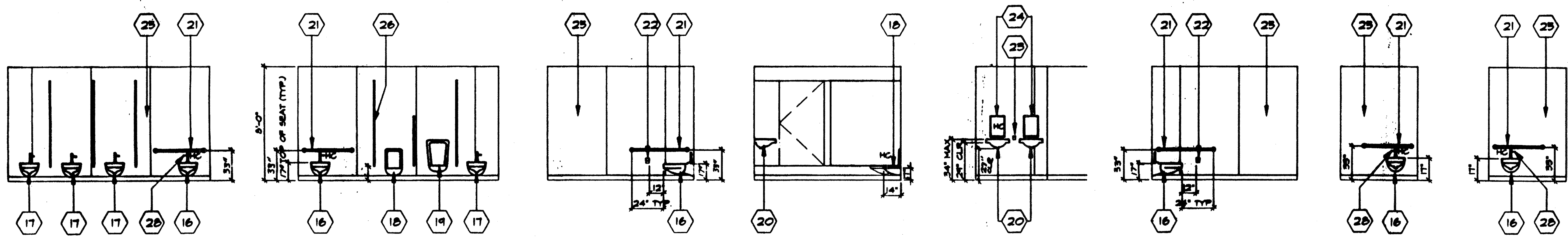
3 REAR ELEVATION

SCALE 1/4" = 1'-0"



4 SIDE ELEVATION

SCALE 1/4" = 1'-0"



INTERIOR/EXTERIOR ELEVATIONS

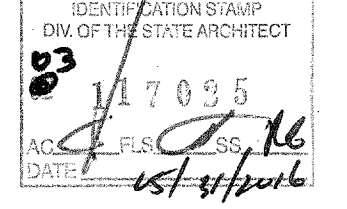
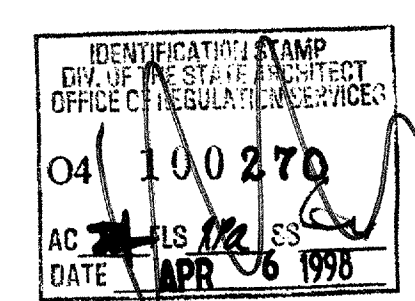
SCALE 1/4" = 1'-0"

KEY NOTES

- 1 TYPICAL EXTERIOR SIDING (SEE FINISH SCHEDULE)
- 2 EXTERIOR LIGHT FIXTURE (SEE SPECIFICATION)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING (SEE SHT. R1.0 & R2.0)
- 5 4x J BOX FOR FA FULL BOX
- 6 DOWNSPOUT (TYP.) FASTEN TO BLDG. TYP. 3 PLACES (SEE SHT. 1/54-2)
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT. (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN A1.2)
- 8 SPLASH BLOCK (BY OTHERS)
- 9 FINISH FLOOR LINE
- 10 BOTTOM OF FLOOR BEAM
- 11 4x J BOX FOR FA HORN
- 12 NOT USED
- 13 NOT USED
- 14 ROOF BEAM (SEE STRUCTURAL)
- 15 COLUMN (SEE STRUCTURAL)
- 16 ACCESSIBLE WATER CLOSET (SEE SHT. P1.0)
- 17 STANDARD WATER CLOSET (SEE SHT. P1.0)
- 18 ACCESSIBLE URINAL (SEE SHT. P1.0)
- 19 STANDARD URINAL (SEE SHT. P1.0)
- 20 LAVATORY (SEE SHT. P1.0)
- 21 GRAB BAR (SEE SHT. P1.0)
- 22 TOILET PAPER DISPENSER (SEE SHT. P1.0)
- 23 SOAP DISPENSER (SEE SHT. P1.0, N.I.C.)
- 24 MIRROR, SEE SHT. P1.0
- 25 TYPICAL INTERIOR FINISH
- 26 PARTITION
- 27 NOT USED
- 28 FLUSH VALVE AT WIDE SIDE OF STALL

NOTES:

- 1. SEE FOUNDATION PLAN FOR SIZE AND LOCATION OF VENTS.
- 2. ALL DIMENSIONS SHOWN ARE FOR REFERENCE. SEE CHART ON SHT. A4.0 FOR HEIGHTS & CLEARANCES PER PROJECT



Signature: J. T. Edinger

ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY

JOB # 2315-C
 ANAHEIM U.H.S.D.
 (CLASS LEASING)
 MODTECH INC. 1995
 OPTION 10
 4012-081
 CLLS.036
 INC.
 INTERIOR / EXTERIOR ELEVATIONS
 A2.2

DOOR SCHEDULE

DOORS				FRAMES				NOTE NO.
DOOR NO.	FRAME OPENING SIZE	MATERIAL	TYPE	FIRE PROTECTION RATING	HARDWARE SET NO.	MATERIAL	HEAD DETAIL	
1	6'-0" X 6'-8"	HM	A		1	HM	1/2" x 2" x 1/2"	5-1/8"

DOOR NOTES

- NOTES:**
- DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 36" AFF. & DEADBOLTS @ 44" AFF.
 - EXIT DOORS SHALL BE OPENABLE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
 - ALL DOORS SHALL BE 1-3/4" THICK, U.N.O.
 - DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
 - SAFETY GLASS, CLEAR.
 - WIRE GLASS
 - UNDERCUT DOOR
 - FIXED LOUVER
 - FUSIBLE LINK LOUVER
 - VISION PANEL
11. CLOSURE SHALL BE SET FOR MAX. OPENING PRESSURE OF 0.5 LBS. @ EXTR. DR. @ 5.0 LBS. @ INTR. DRS.

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME OF AREA	FLOOR	BASE	WALLS				CEILING	CEILING HEIGHT	REMARKS
				NORTH	EAST	SOUTH	WEST			
1	BOYS RESTROOM	0	1	T	T	T	T	0	8'-0"	
2	GIRLS RESTROOM	0	1	T	T	T	T	0	8'-0"	
3	STAFF RESTROOM	0	1	T	T	T	T	0	8'-0"	
4	MULTI-PURPOSE	0	1	T	T	T	T	0	8'-0"	

MATERIAL & FINISH KEY

- (A) - CARPET PER STATE OF CALIFORNIA SPEC. COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN
- (B) - SHEET VINYL FLOOR 1/2" SELF COVE
- (C) - VCT - ARMSTRONGS STANDARD OR EXCELON
- (D) - 6" RUBBER INTEGRAL COVE BASE
- (E) - 6" BRIGANTINE OR SANDOVAL
- (F) - 3/32" F.F.F. OVER 1/2" GYP. BD. OR 5/8" MARLITE PLANE SPREAD CLASS 3
- (G) - ACOUSTICAL LAY IN GRID CEILING PANELS (SEE SPECIFICATIONS)
- (H) - 4" BURKE TOP SET BASE
- (J) - 1/2" VINYL TACKBOARD CLASS I OVER 1/8" GYPSUM BOARD BACKING

NOTES

DOOR SPECS. EXTERIOR. FRAME SPECS. (SEE SPEC'S)

DOOR SPECS. INTERIOR. FRAME SPECS. (SEE SPEC'S)

WINDOWS SPECS.

HARDWARE SCHEDULE

HARDWARE PACKAGE #1

- LOCKSET - DIO SCHLAGE
- PD RHODES LEVER
- BUTTS - 1-1/2 PR. HANGER 1274 BB 4-1/2 X 4-1/2 NRP 280 OR EQUAL
- CLOSER - NORTON 1004 OR EQUAL
- THRESHOLD - FEMKO 271A OR EQUAL
- DOOR BOTTOM - FEMKO 216AV OR EQUAL
- WEATHERSTRIP - FEMKO 244AV OR EQUAL

HARDWARE PACKAGE #2 (INTERIOR)

- LOCKSET - DIO (PASSAGE) WITH RHODES LEVER
- BUTTS - 1-1/2 PR. HANGER 1274 BB 4-1/2 X 4-1/2 NRP 280 OR EQUAL

HARDWARE PACKAGE #3 (INTERIOR-OFFICE LOCKABLE)

- LOCKSET - CAL ROYAL LX:00-GRADE 1
- BUTTS - 1/2 PR HANGER 1279 4 1/2 X 4 1/2 280

ABBREVIATIONS

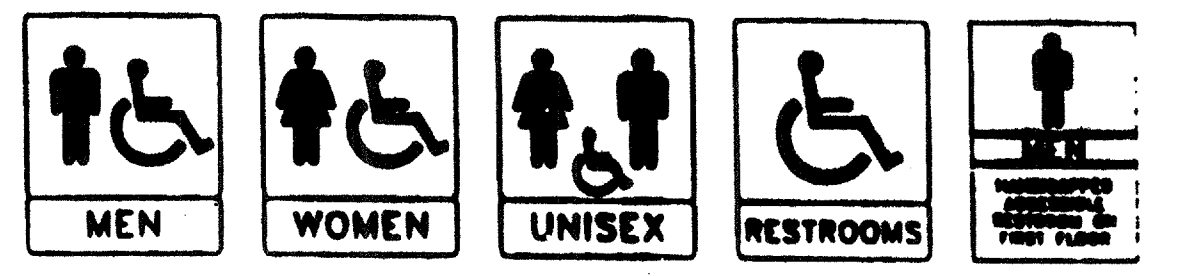
- HM - HOLLOW METAL
- AL - ALUMINUM
- SST - STAINLESS STEEL
- STL - STEEL
- W/F - WINDOW WALL FRAME
- SC - SOLID CORE WOOD
- HC - HOLLOW CORE WOOD
- SCL - SOLID CORE WOOD W/ LAMINATED PLASTIC FACES.

STAFF TOILET (MEN & WOMEN) = A
STUDENT TOILET (BOYS & GIRLS) = A

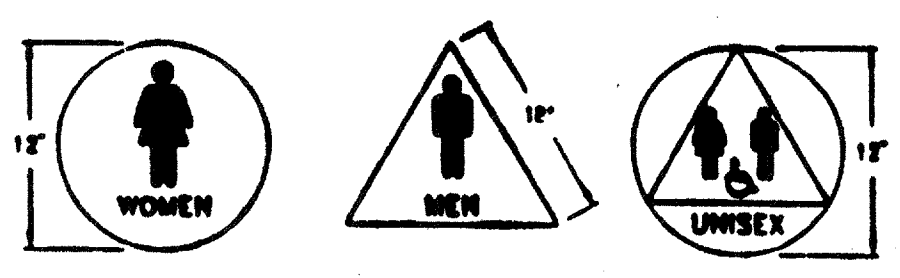
Recommended Dimensions for Accessibility in Toilet Facilities for Children:

Dimension	A	B	K
Toilet centerline from wall	18"	18"	18"
Toilet seat height	17"-18"	18"	18"-12"
Grab bar height (side)	30"	26", top of seat	30"
Grab bar height (end)	30"	35"	30"
Toilet paper in front of toilet	12" min	8" min	8" min
Height clearance in front of toilet	12" min	NA	NA
Dispenser or mirror height	40" min	34" min	34" min
Lavatory/sink top height	34" min	34" min	34" min
Lavatory/sink knee clearance	29" min	29" min	29" min
Urinal top height	17" min	18" min	22" min
Urinal flush handle height	44" min	38" min	38" min
Drinking fountain submer height	26" min	31" min	29" min
Drinking fountain knee clearance	27" min	24" min	24" min
Drinking fountain handrail height	34"-36"	27"	22"

A = Adult dimensions (age 12 and over)
E = Elementary dimensions
K = Kindergarten and Pre-school dimensions
* = Above seat
** = Devices from code requirements and requires a written finding of unreasonable hardship



WALL-SIGNAGE (TYP.)



DOOR MOUNTED SIGNAGE (TYP.)

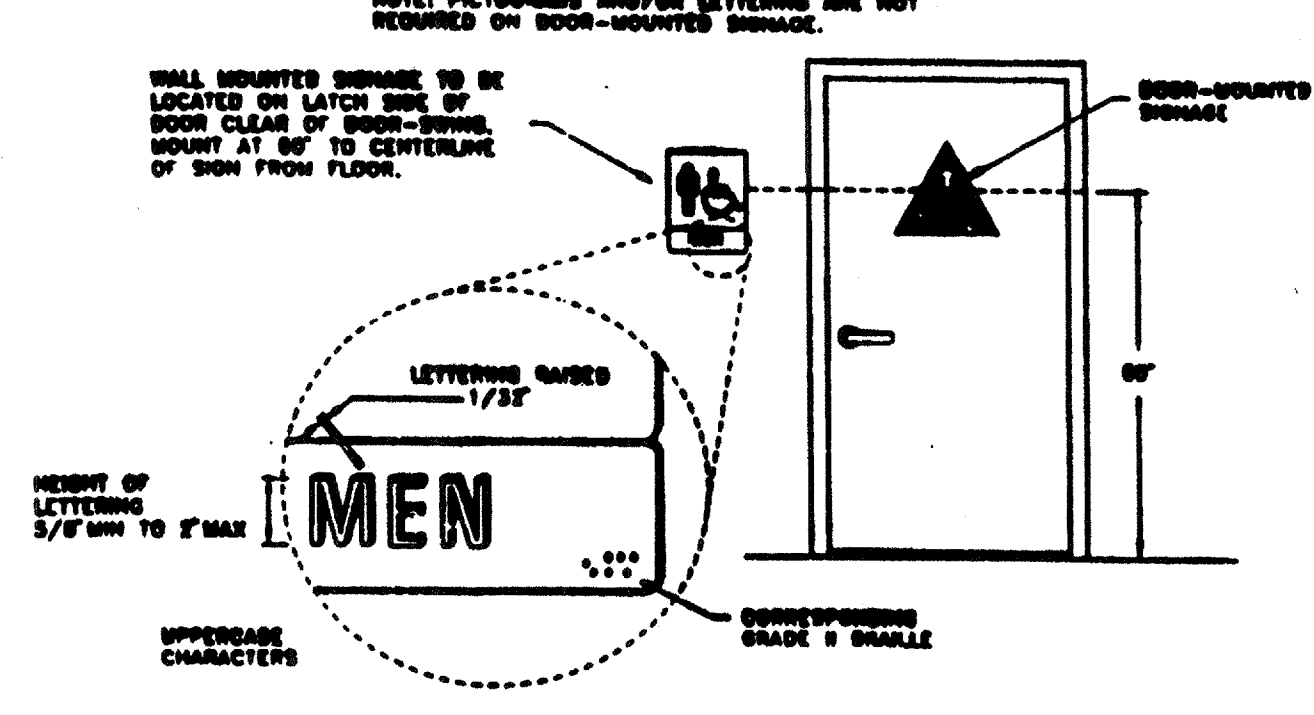


Fig. 78

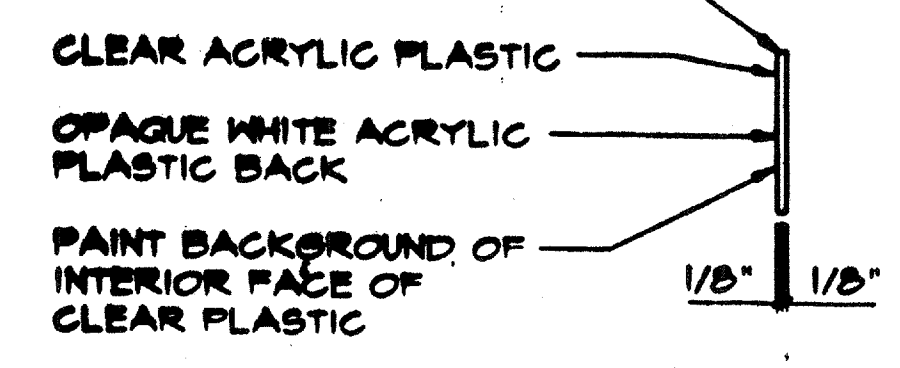
IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES

INTERNATIONAL SYMBOL OF ACCESS (WHEEL CHAIR SYMBOL) REQ'D @ DOOR OR @ STRIKE SIDE ROOM IDENTIFICATION.

NOTE:

ATTACH SIGNS USING THREE (3) WOODSCREWS, COUNTERSUNK AND ADHESIVE SIGN SHALL BE CENTERED ON DOOR AND MOUNTED 60" ABOVE FLOOR. ATTACHMENT OF SIGN SHALL BE FULLY CONCEALED AND TAMPER RESISTANT.

RADIUS CORNERS



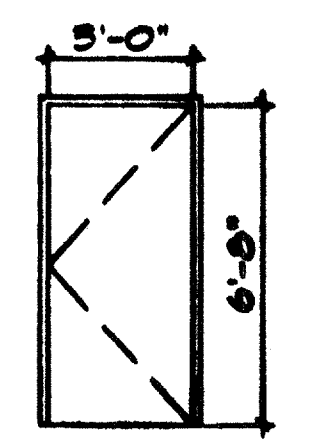
TOILET SIGNAGE

SYMBOLS SHALL BE CONTRASTING IN COLOR FROM THE DOOR.

1/4" THICK, 12" DIAMETER CIRCLE FOR BOTH WOMEN/UNISEX

1/4" THICK, 12" SIDES EQUILATERAL TRIANGLE FOR MEN

DOOR TYPES



TYPE A

NOTES:

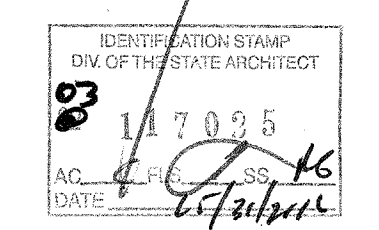
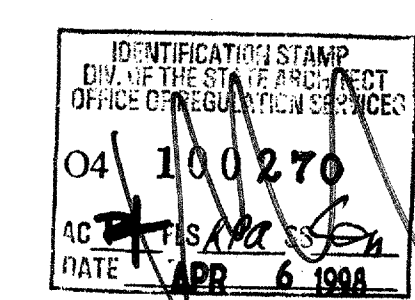
SUB-FLOOR PREP:

PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4" PLYWOOD, OUTER PLY IS PLYWOOD AND TOUCHED SANDING. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND Sanded BY FLOORING CONTRACTOR. THE JOINT AT THE MODULE JOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND Sanded BY FLOORING CONTRACTOR.

ALL FINISH SHALL COMPLY W/ C.B.C. CHAPTERS 3, 6, 7, 8 & 10.

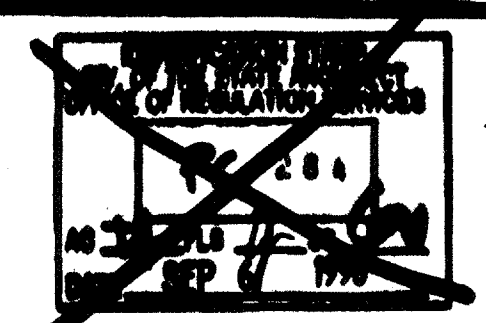
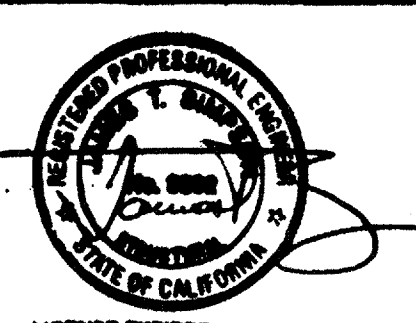
(TYP.)

- @ DR PARTITION DOORS
- DOOR PULLS EA. SIDE.
- SLIDE BOLT TYPE LATCH } 30"-44"
- COAT HOOKS @ 48" AFF.



5/11/98

ARCHITECT ELECTRICAL STRUCTURAL MECHANICAL FIRE MARSHAL ACCESS COMPLIANCE STRUCTURAL SAFETY



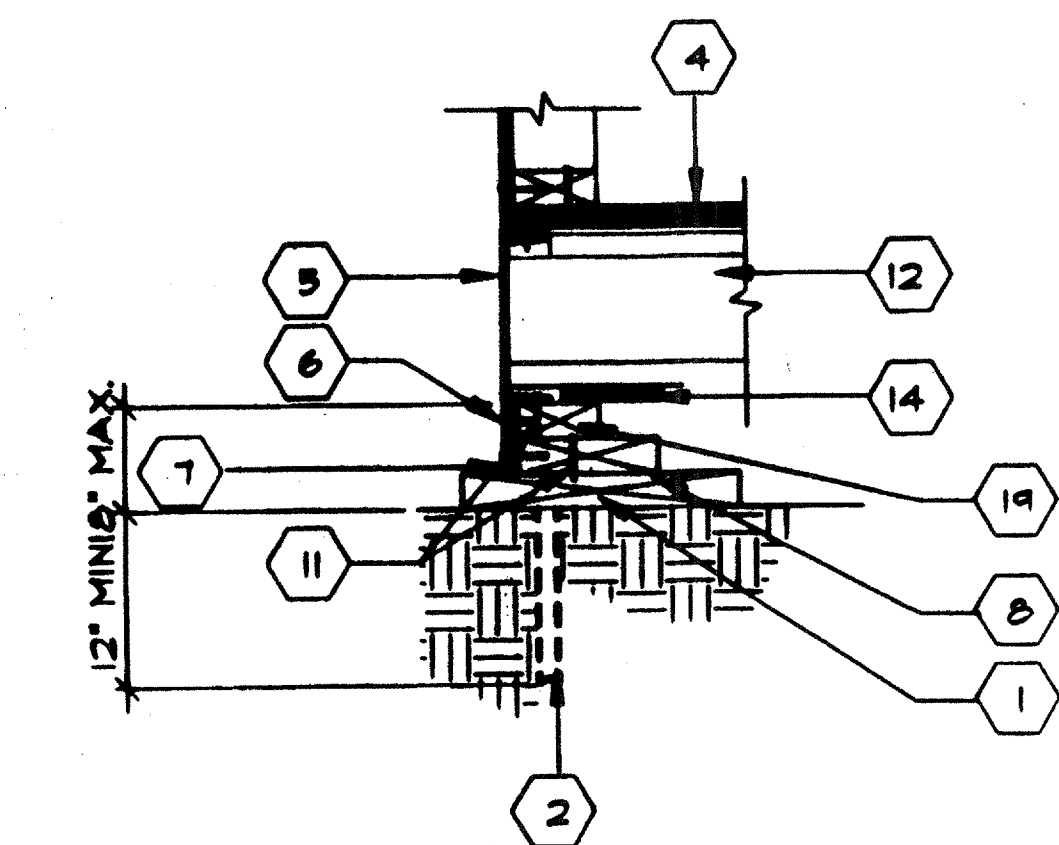
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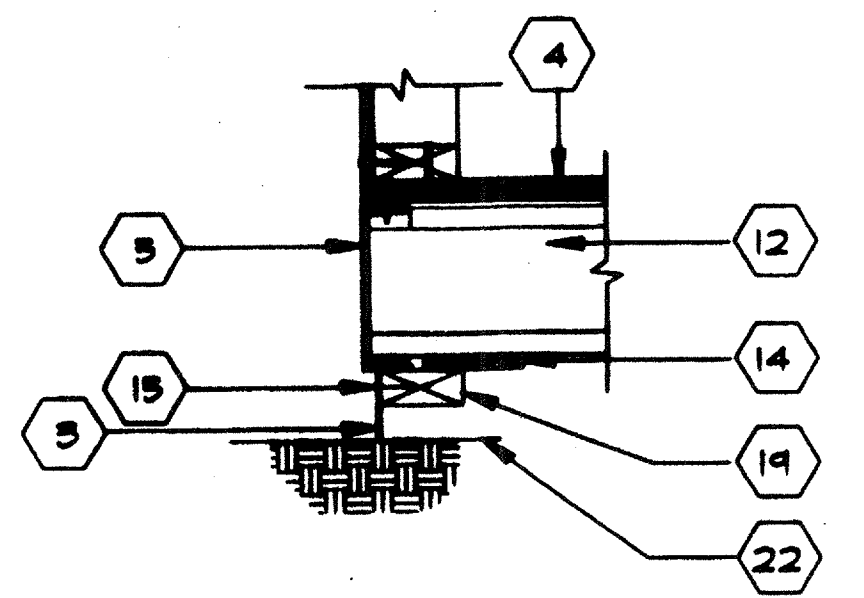
4012-081
CLLS.036

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DATE
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DATE

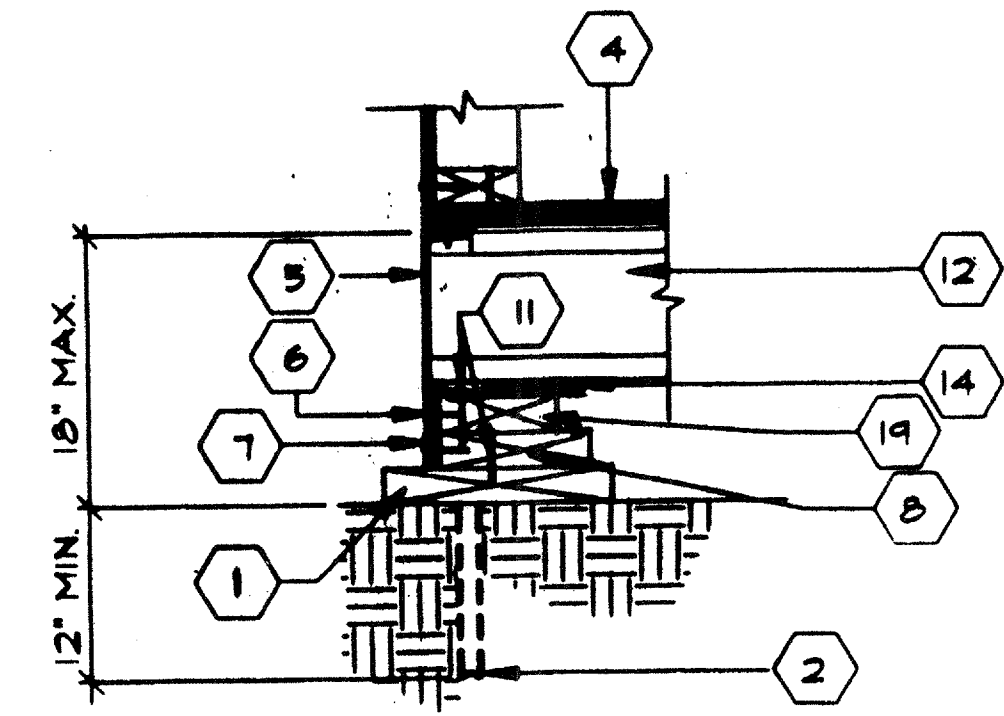
FINISH SCHEDULE A4.0



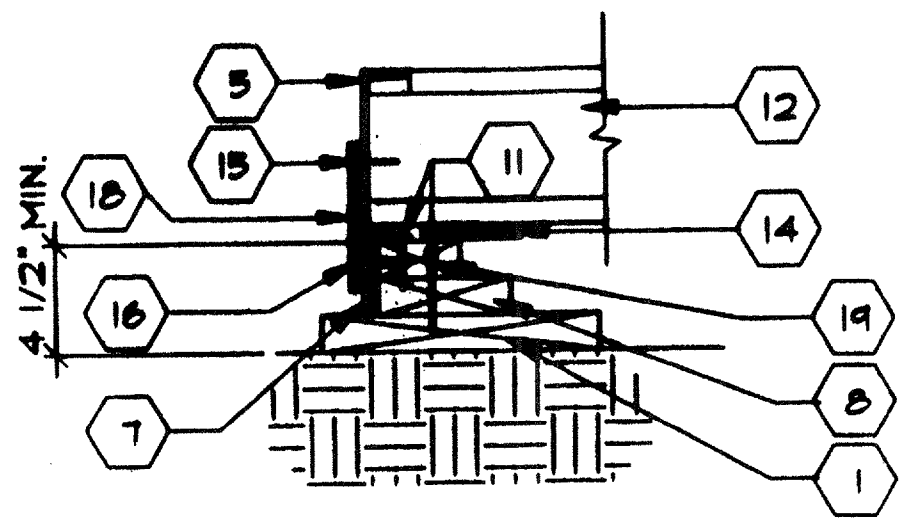
1 PERIMETER FD. SIDE WALL
SCALE 1/8"=1'-0"



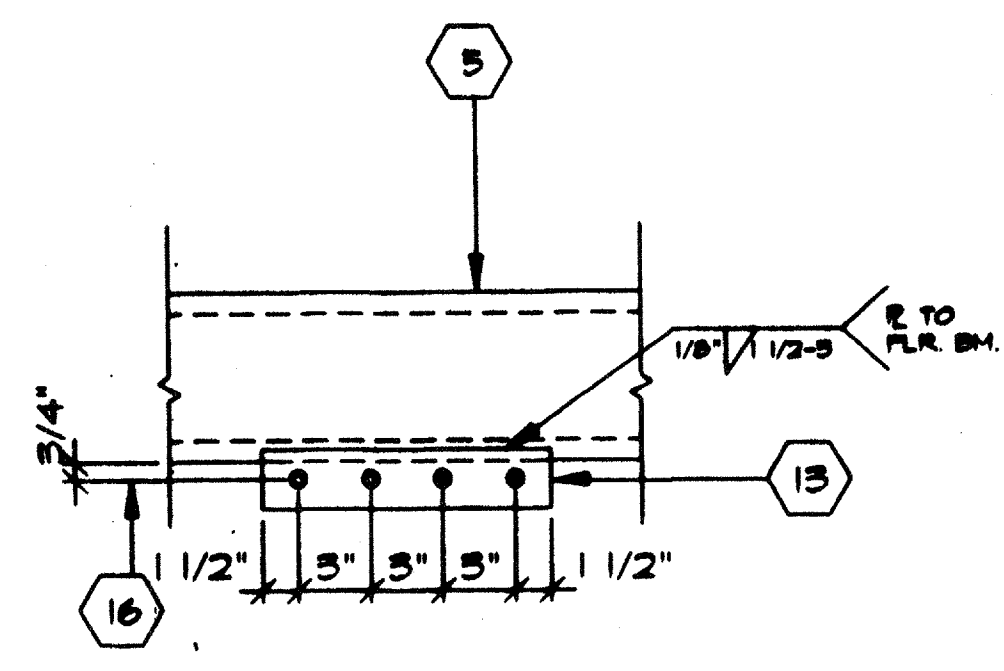
2 FOUNDATION VENT
SCALE 1/8"=1'-0"



3 PERIMETER FD. END WALL
SCALE 1/8"=1'-0"

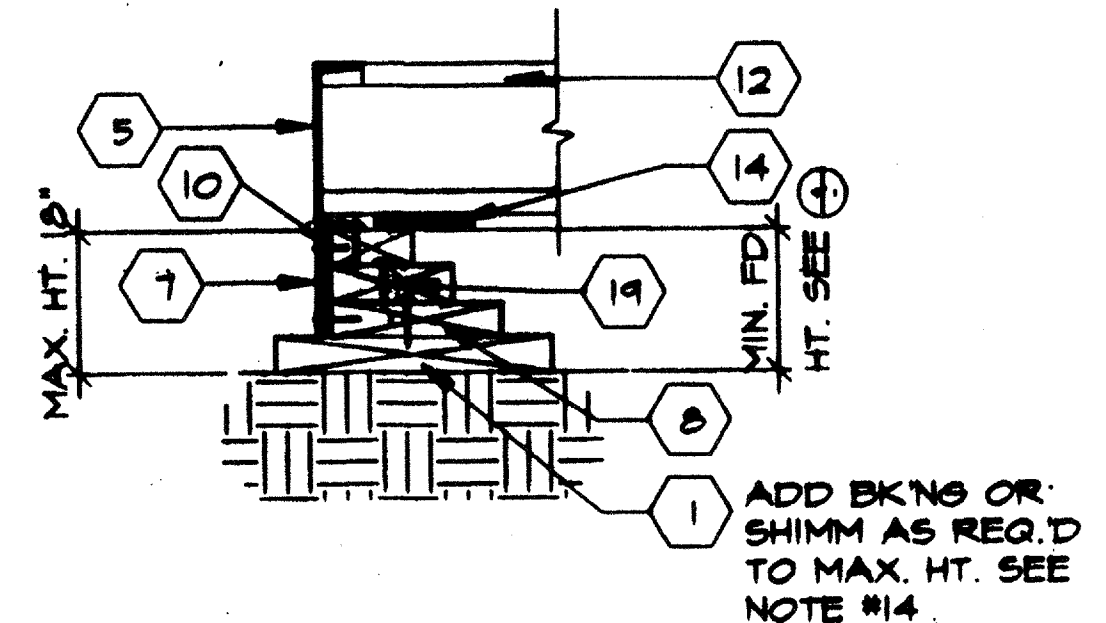


4 TYPICAL HOLD-DOWN
SCALE 1/8"=1'-0"

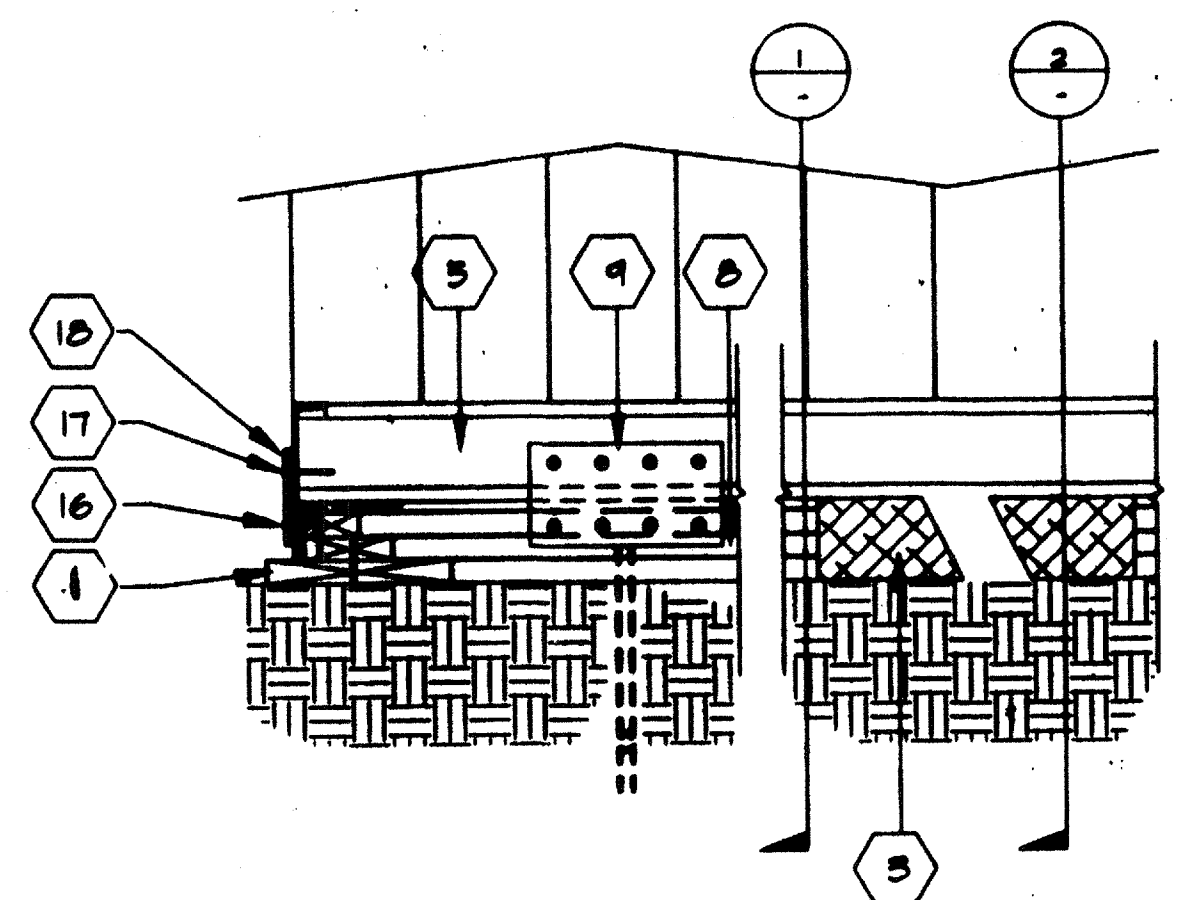


5 ALTERNATE HOLD-DOWN
SCALE 1/8"=1'-0"

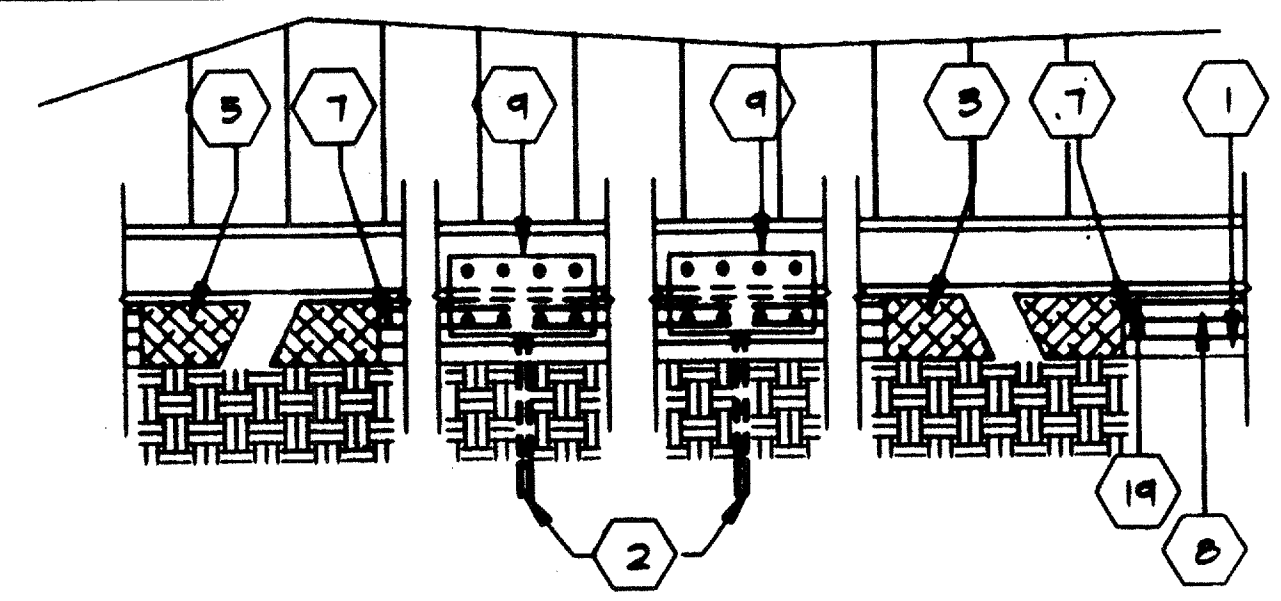
NOTE:
SIDE WALL SHOWN



6 FOUNDATION MAX. HEIGHT
SCALE 1/8"=1'-0"



7 DETAIL OF FOUNDATION CORNER
SCALE 1/8"=1'-0"

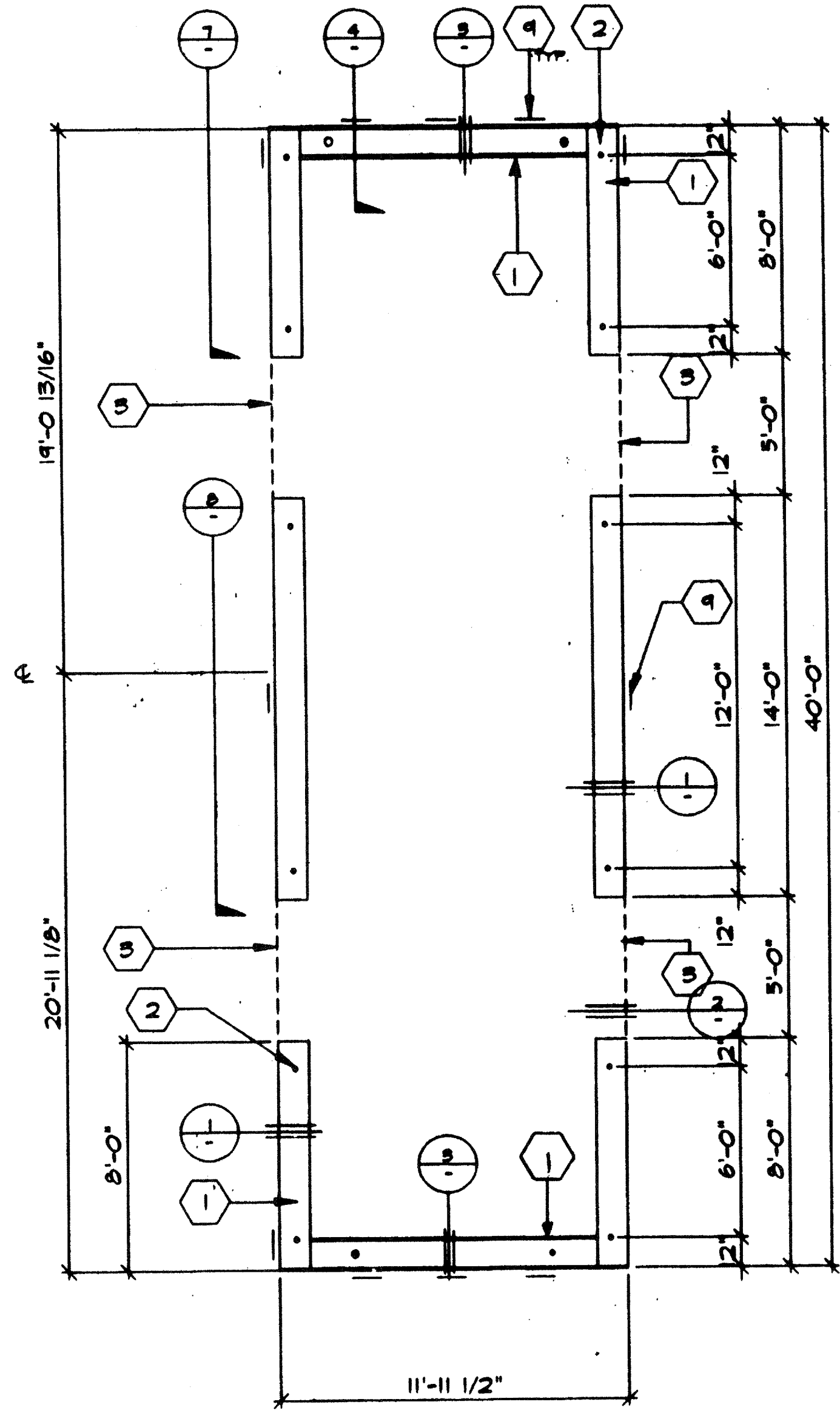


8 FOUNDATION ELEVATION SIDEWALL
SCALE 1/8"=1'-0"

VENTING REQUIREMENTS	
SIZE OF BUILDING	12' X 40'
TOTAL SQ. FT. OF BLD'G(S)	480
NO. OF BUILDINGS	1
U.B.C. SECT. 2316 (c) (6)	480/
DIVIDE TOT. SQ.FT./150	150
REQ'D VENTING SQ.FT.	32

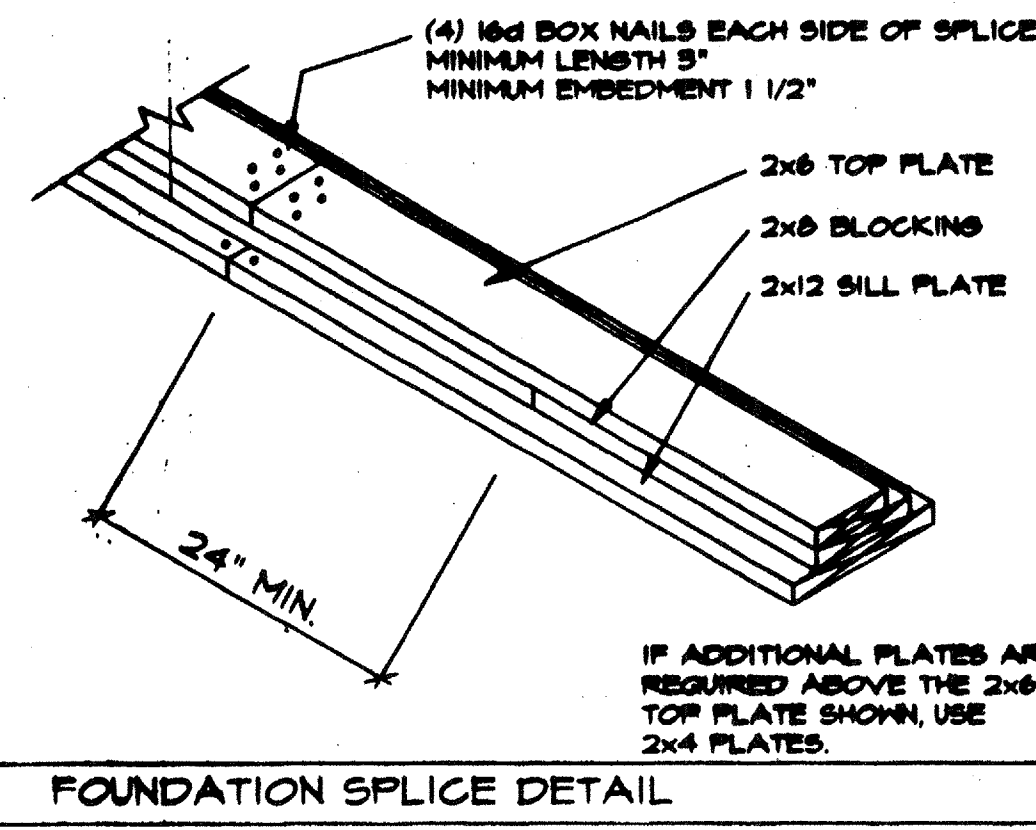
TYPE "C" (SIDEWALLS) 3" X 60" 180 SQ. IN / 144 = 125 SQ.FT.

SIZE OF BUILDINGS	12' X 40'
REQ'D VENTING SQ.FT.	32
VENTING PROVIDED	(4) "C"
1.25 SQ. FT. X 4 VENTS	5 SQ. FT.
OK	5 > 3.2



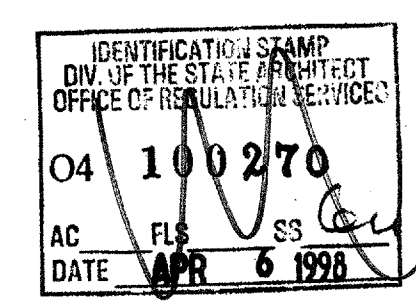
FOUNDATION (WOOD SILL)

SCALE 1/4"=1'-0"



"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.



NOTE:
TOP PLATE TO BE CONTINUOUS

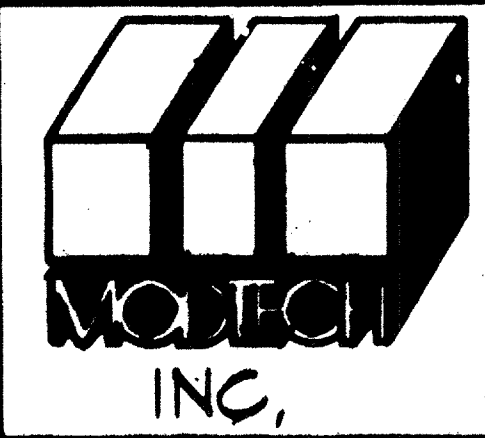
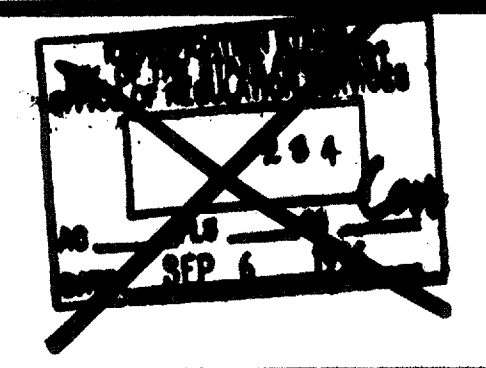
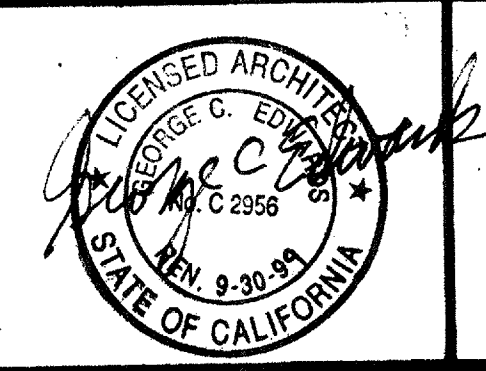
KEY NOTES

- 1 2"x12" SILL PLATE (SEE FOUND.)
- 2 SILL RESTRAINT 1" Ø PIPE (SEE FOUNDATION PLAN FOR LOCATION)
- 3 VENT MIN. 3"x5'-0" TYPICAL EXPANDED METAL MESH PRIME PAINTED
- 4 PLYWOOD FLOOR SHEATHING
- 5 FLOOR FRAMING BEAM
- 6 EN (EDGE NAIL SEE NOTE #7)
- 7 EN ATTACH 5/8" EXT. PLY'WD W/10 STMS OR AREOSMITH 6" Ø SIDENALL 4" Ø ENDWALL TO STEEL CHANNEL AND 10d BOX Ø 6" O.C. 4 4" O.C. TO WD. PLATE AT VENT ATTACH SKIRTF Ø 12" O.C. TOP AND BOTTOM
- 8 2 X 8 PLATE
- 9 6"x12"x10GA. PLATE W/4 - #10 STMS TO FLOOR 4 4 - 1/4"x3" LAG TO FOUNDATION TOP PLATE TYPICAL 12 PLACES
- 10 2 X 4 BLOCKING
- 11 16d BOX Ø 9" O.C. AT SIDEWALLS AND 6" O.C. AT ENDWALLS
- 12 FLOOR JOIST
- 13 2 1/2"x12"x10GA. PLATE
- 14 5/8" SHIM CONT.
- 15 10d ELECTROGAL BOX NAIL Ø MAX. 4" O.C.
- 16 1/4" Ø X3" LAB BOLT TYP. 4 PER PLATE
- 17 #10X3/4" STS TYP. 4 PER PLATE
- 18 6"x12"x10GA. PLATE
- 19 2X6 TOP PLATE W/16d FACE NAIL NAIL TO BKNG Ø MAX. 12" O.C.
- 20 2 X 6 SILL PLATE
- 21 2-16d BOX NAILS PLATE TO PLATE Ø 6" O.C. TYP. AT INTERIOR WALL
- 22 FINISH GRADE

GENERAL NOTES

- A. 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.)
- B. ON CONCRETE PAVING HILTI DS 82-PIØ THRU SILL PLATE: END WALLS: 7" O.C. SIDE WALLS: 19" O.C. INTERIOR WALL 3 1/2" O.C.
- C. WHERE SHIM STOCK IS REQUIRED FOR LEVELING USE 1/4", 1/2", OR 3/4" THICK PLYWOOD SAME WIDTH AS BLOCK. P.T.
- D. VERIFY DRAINAGE TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE WITH DISTRICT ARCHITECT SITE PLANS
- E. ALL FOUNDATION MATERIAL SHALL BE PRESSURE TREATED D.F. GROUND CONTACT: LP-22 (CCA .42) ABOVE GROUND: LR-2 (CCA .25)

ARCHITECT ELECTRICAL STRUCTURAL MECHANICAL FIRE MARSHAL ACCESS COMPLIANCE STRUCTURAL SAFETY



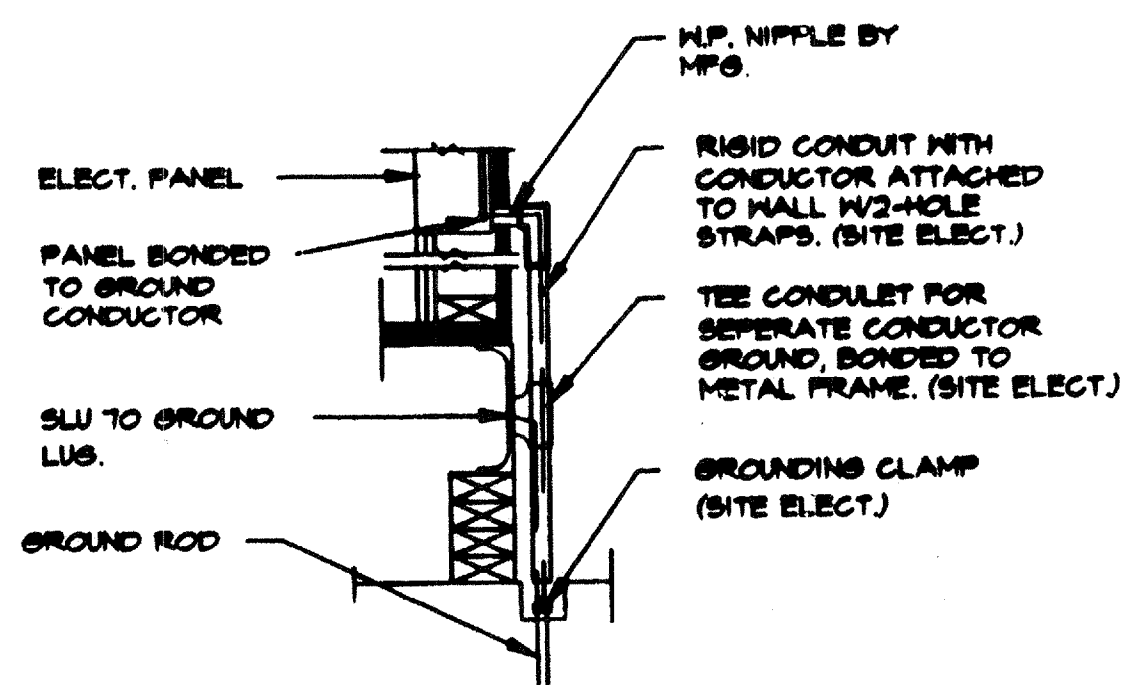
JOB #
JOB# 2724 # 2318-C
ANAHEIM UH8D.
(CLASS LEASING)

MODTECH INC. 1993
DRAWN BY
DATE
CHECKED BY
DATE
4012-081
CLLS.086
05/11/2016

FOUNDATION (WOOD) F2.0

MOUNTING HEIGHTS

RECEPES 10"
 PORCH LIGHTS 7'-6"
 F/A BELL EXT. 5'-6"
 F/A FULL STA. 40"
 MAIN PANEL BOX 5'-0"
 FIRE ALARM STROBE 80"



1 GROUND DETAIL

SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE ARCHITECT'S INFORMATION ONLY.

THE SEISMIC ANCHORAGE OF ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 2912 (G) AND TABLE 29-F. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.

FOR ELECTRICAL DRAWINGS:

ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

EQUIPMENT ON GRADE	20% OF OPERATING HEIGHT
EQUIPMENT ON STRUCTURE	50% OF OPERATING HEIGHT

FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.

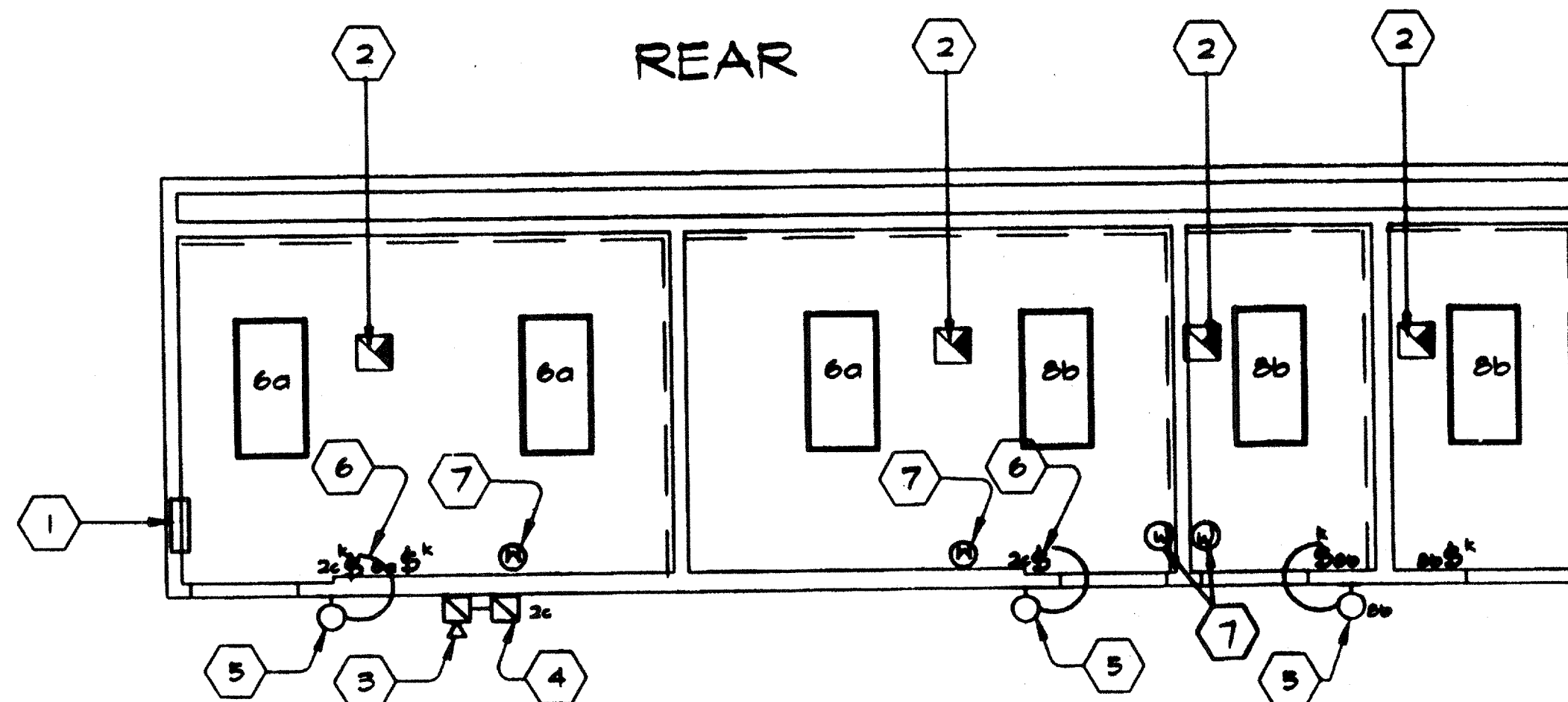
WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

KEY NOTES

- 1 ELECTRICAL PANEL
- 2 EXHAUST FAN
- 3 FIRE ALARM HORN
- 4 FIRE ALARM FULL STATION
- 5 INCANDESCENT BRACKET LIGHT FIXTURE
- 6 "K" SWITCH (KEYED) @ +48"
- 7 STROBE LIGHTS MNT'D +80"

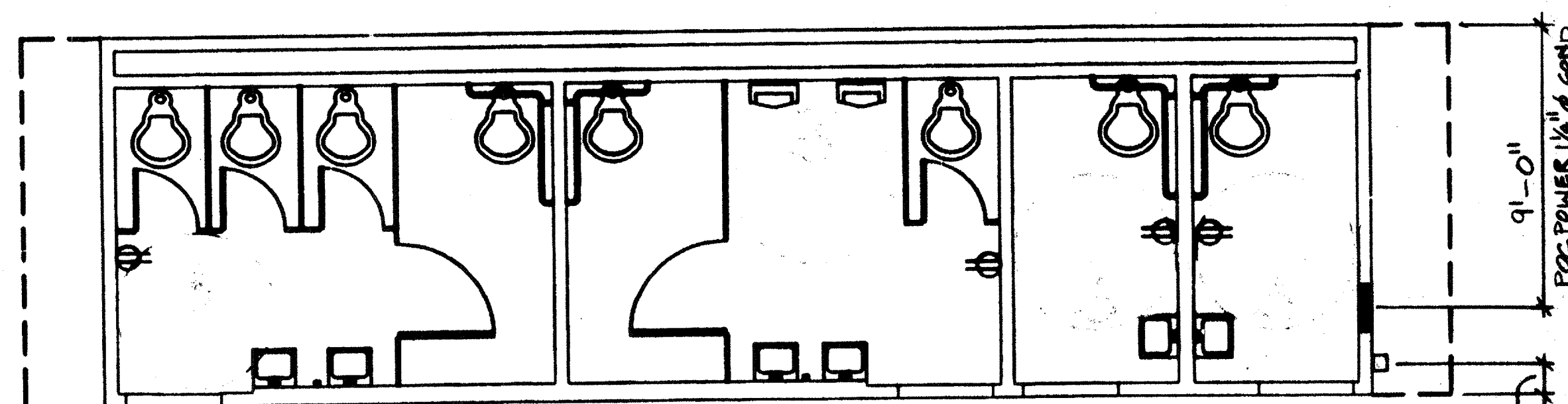
VOLTS: 120/240 V		PANEL LOCATION:				FEED: BOTTOM MOUNTING:			
MAIN: 100 A		LOAD				LOAD			
WATTS	BREAKER	A	B	WATTS	BREAKER	A	B	WATTS	BREAKER
AP	BP	Amps	P	AP	BP	Amps	P	AP	BP
RECEPT	180	20	1	1	2	20	1	600	LIGHTS INT/EXT & EX. FAN
RECEPT	180	20	1	3	4	20	1	600	LIGHTS INT/EXT & EX. FAN
				5					
				6					
				7					
				8					
				9					
				10					
				11					
				12					
				13					
				14					
				15					
				16					
				17					
				18					
WATTS/PHASE A = 860	180	180			600	600		B = 860	WATTS/PHASE
TOTAL 2060 WATTS	(2.5) 9 AMPS	120/240	VOLTS	1 Ø	3 WIRE				

NCL = 560



FRONT

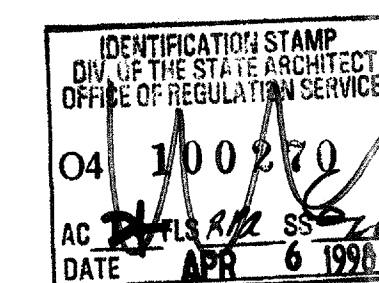
REAR



FRONT

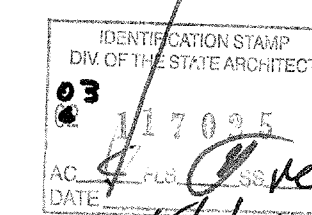
LIGHTING/POWER/SIGNAL PLAN

SCALE 1/4" = 1'-0"



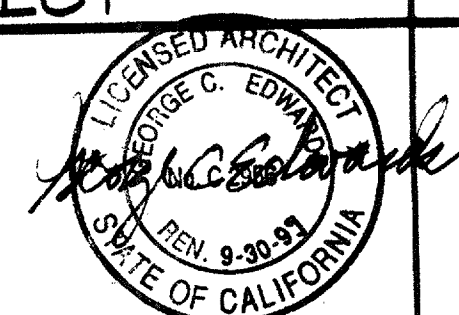
GENERAL NOTES

- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREES FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
- TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 16, PART B.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAY BE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.
- GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. GROUNDING SHALL BE IN A 200-ohm W/C.C. MULTIPLE 250
- ELECTRICIAN SHALL PROVIDE 2-12 GA. SLACK WIRES TO HOUSING OF ALL LIGHT FIXTURES @ DIAGONAL CORNERS WIRES SHALL BE ATTACHED TO STRUCTURE. SEE SMT.
- ALL WIRING SHALL BE 15' CENTERGRADE OR CALCULATE DERATION FOR AMBIENT TEMPERATURE

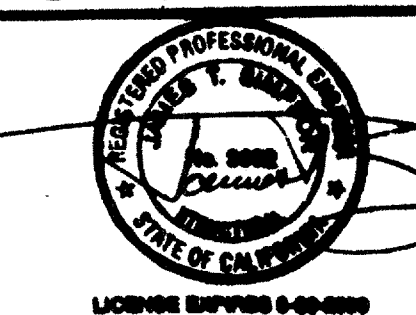


5/11/95

ARCHITECT



ELECTRICAL



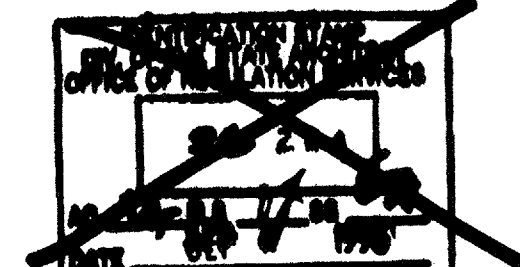
STRUCTURAL

MECHANICAL

FIRE MARSHAL

ACCESS COMPLIANCE

STRUCTURAL SAFETY



JOB #
JOB# 2724 # 2818-C
ANAHEIM UH.S.D.
(CLASS LEASING)

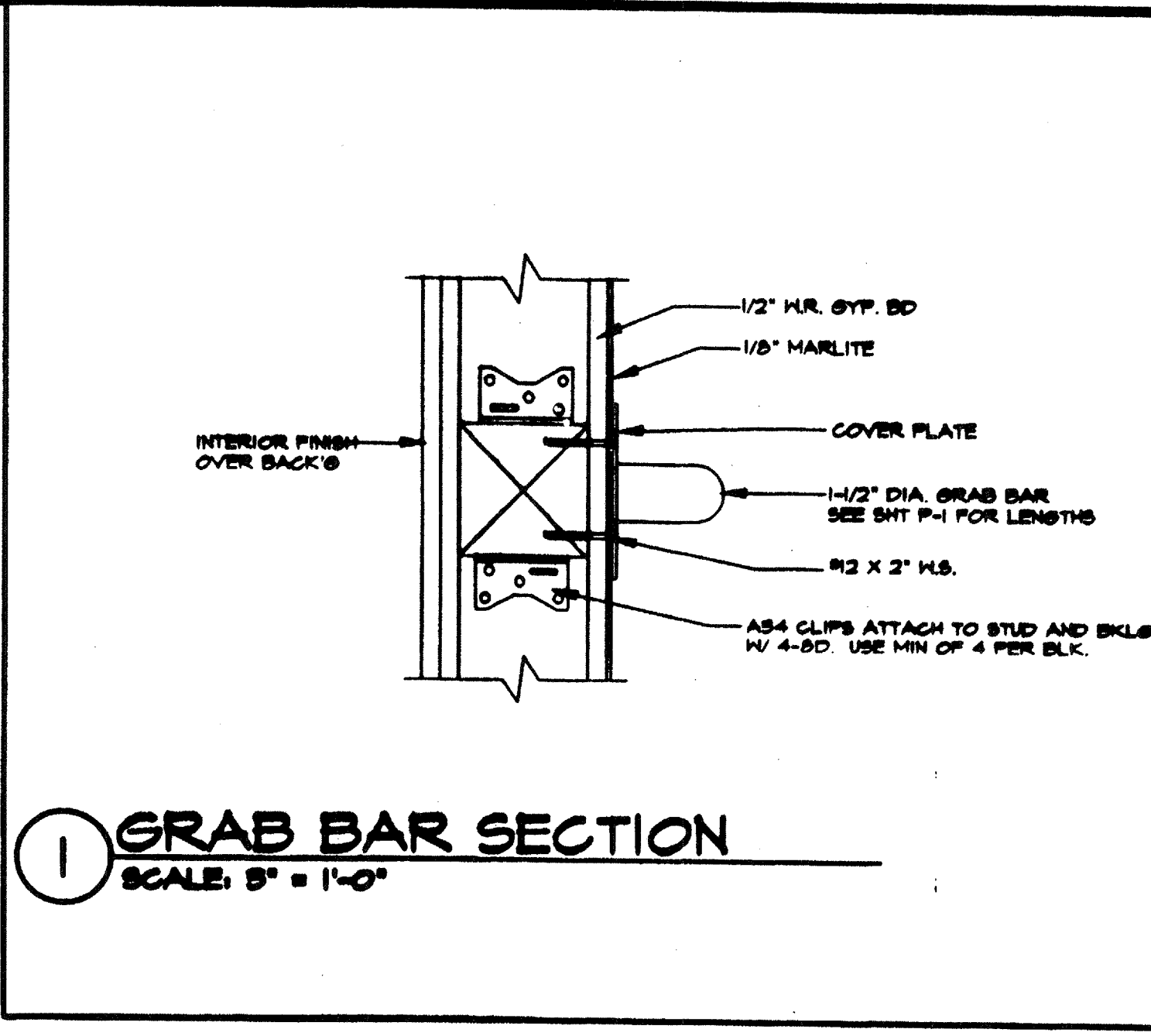
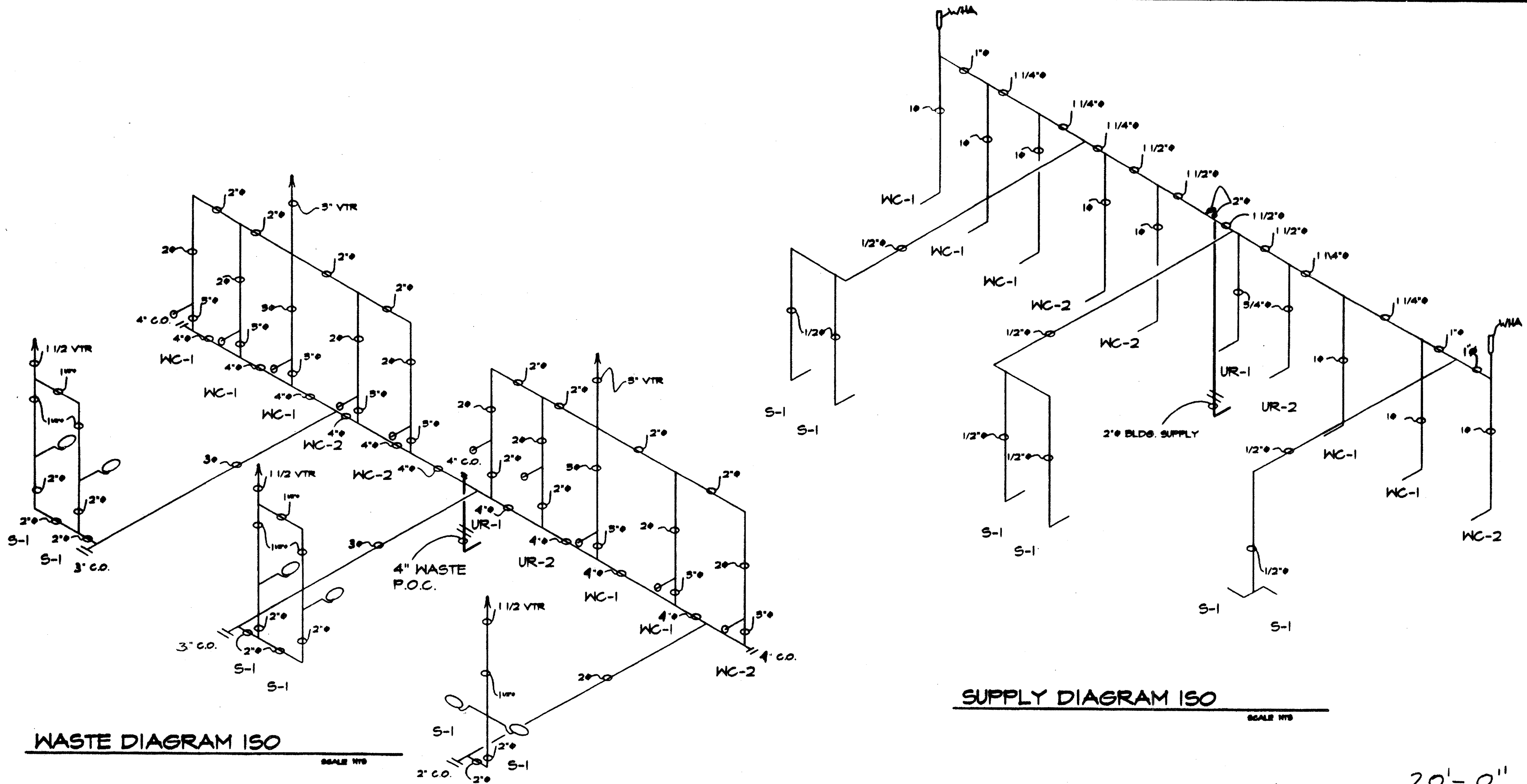
MODEL "C"
4012-081
CLLS.036

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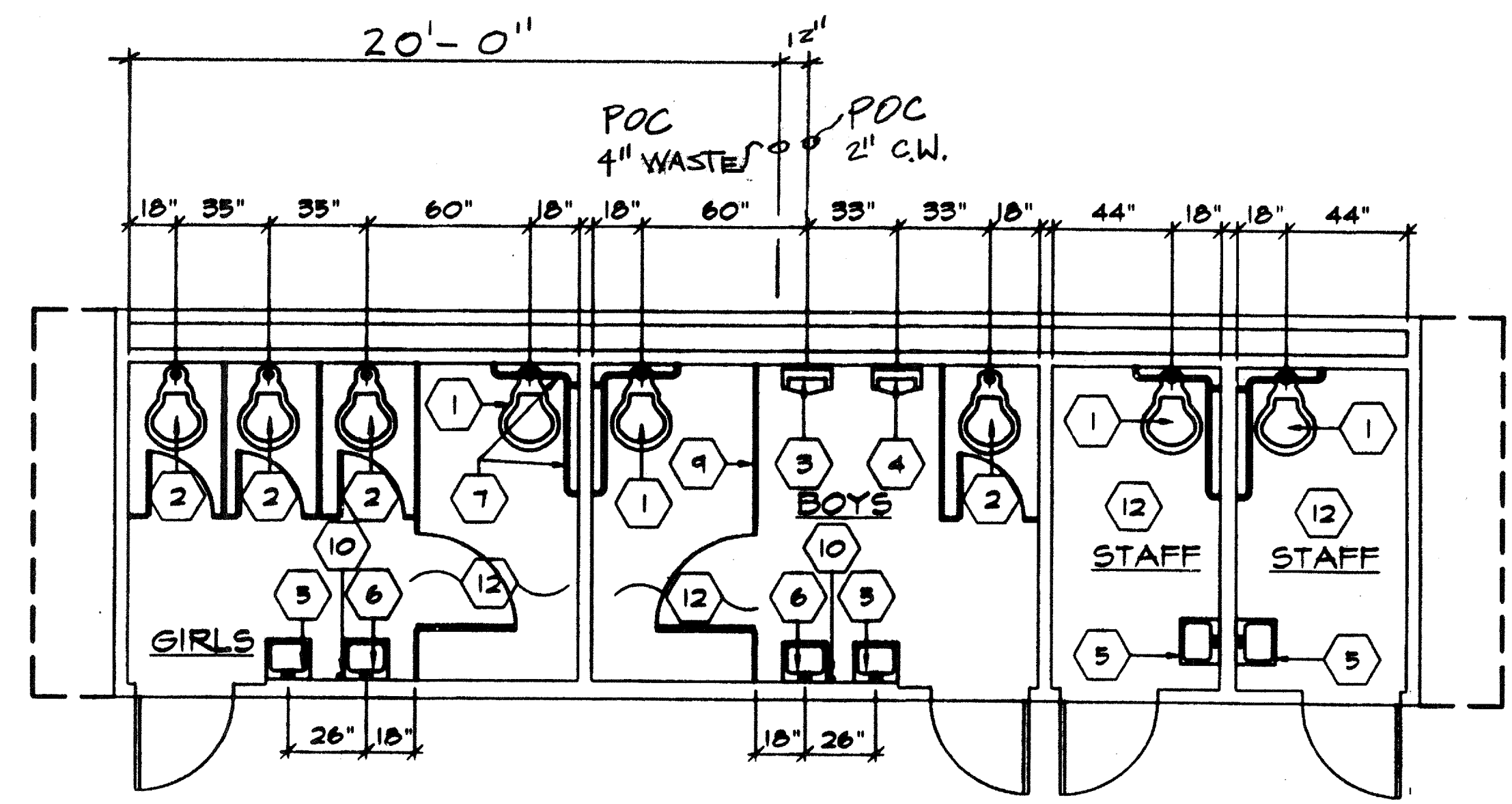
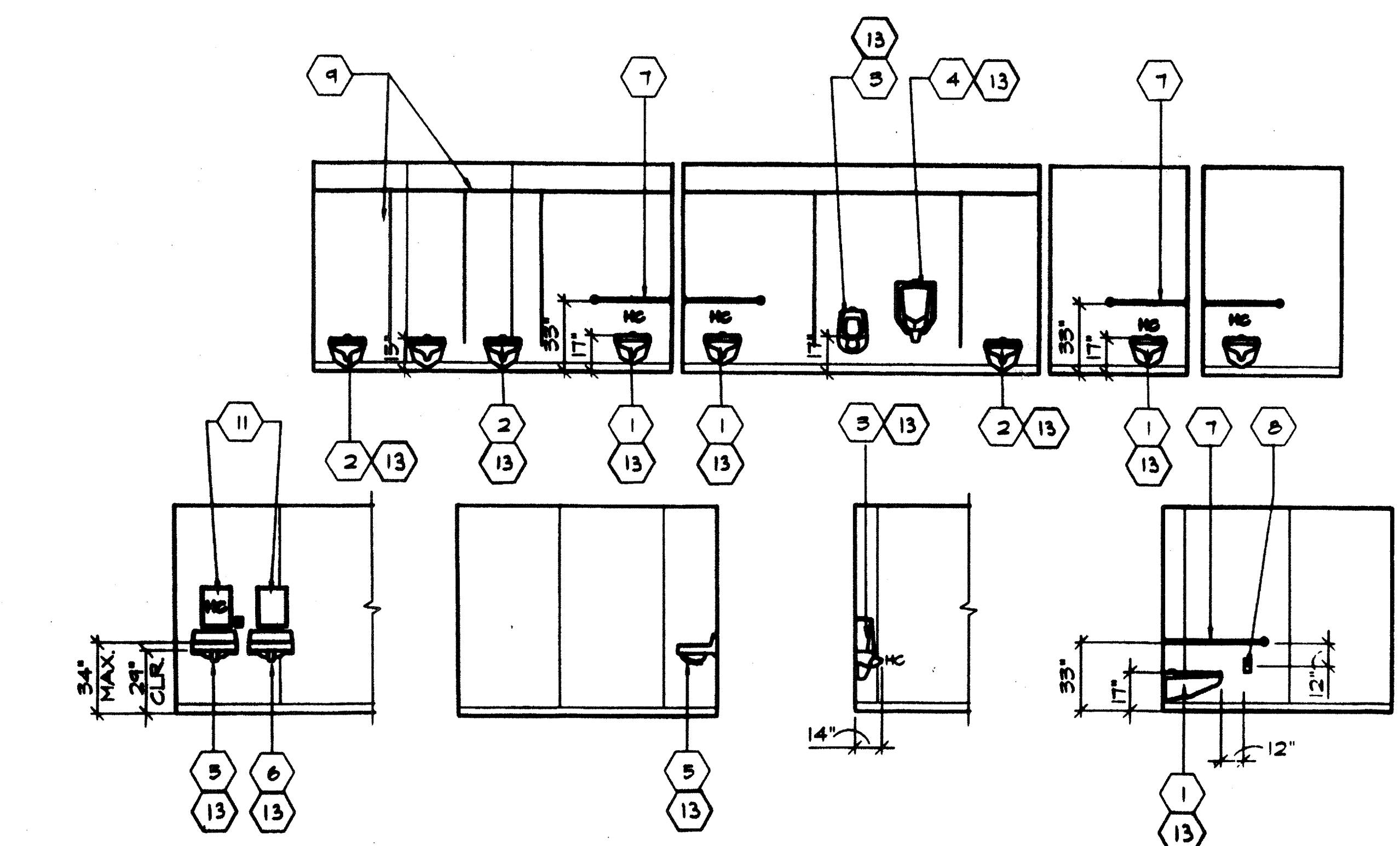
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ELECTRICAL PLAN

EI.2



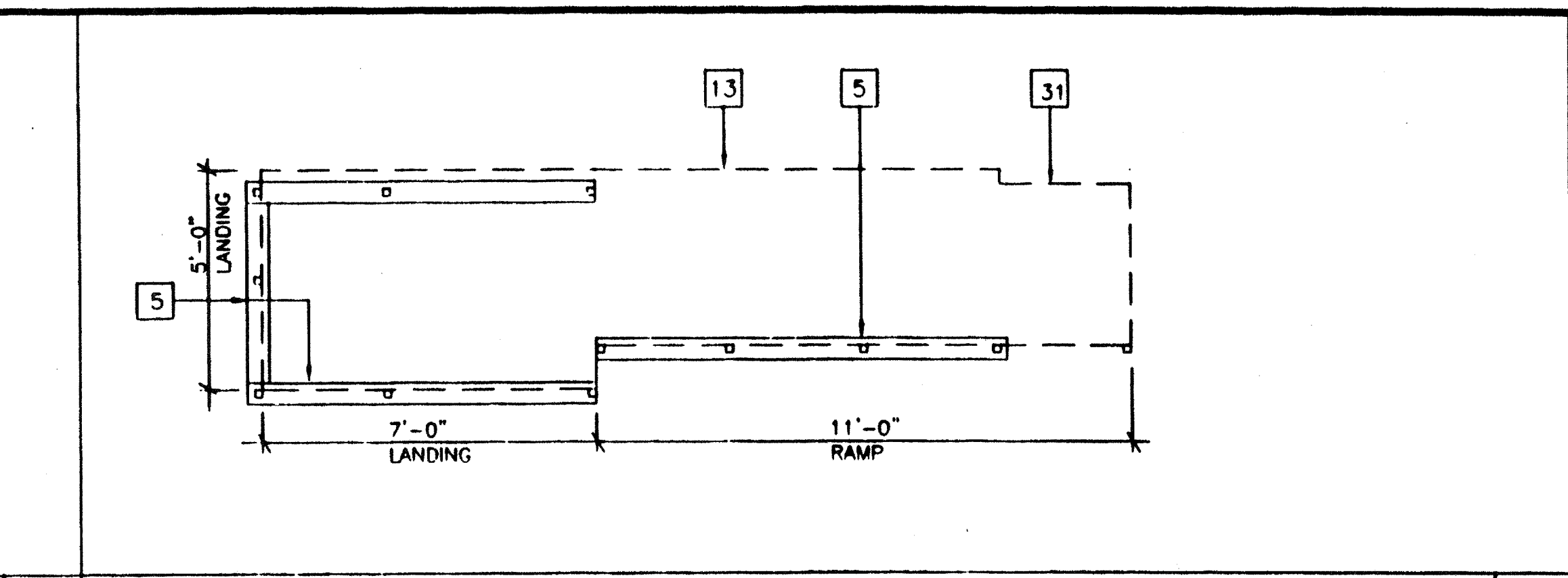
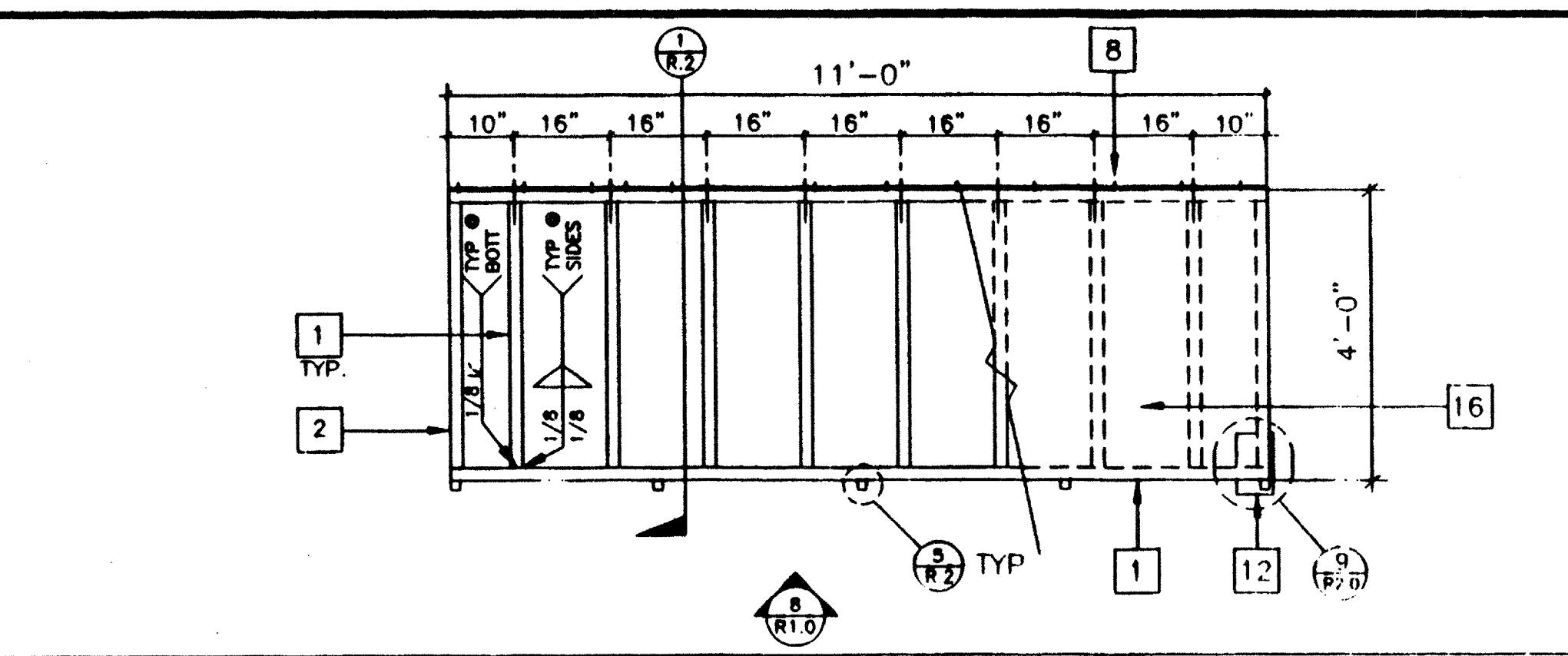
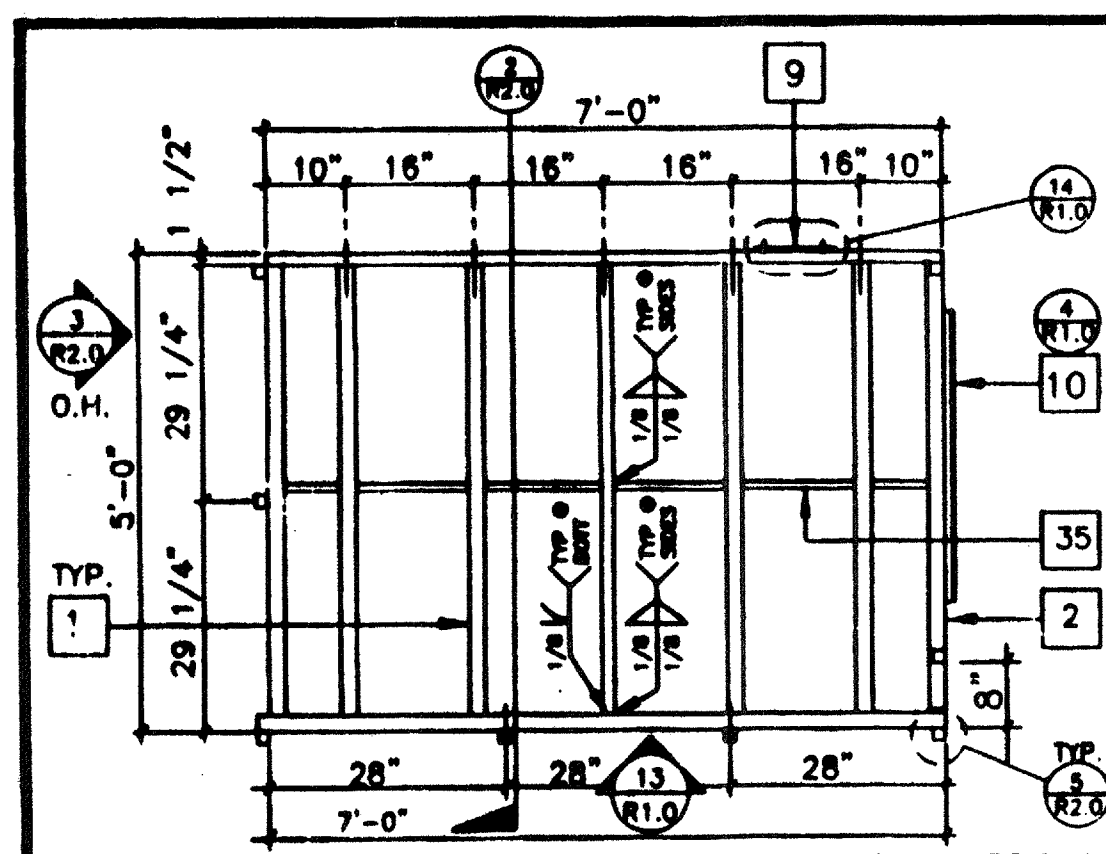
- KEY NOTES**
- WC-1 WATER CLOSET (WALL MOUNTED):
15 GAL. CRANE
PLACIDUS 3-446E VITREOUS CHINA
MOUNTED AT HANDICAPPED HEIGHT
USE:
#10 CG OLSONITE SEAT @ 41" TO 19" MAX
#11 SLOAN FLUSH VALVE
ZURN Z-1023 - NL4 ADJUSTABLE
HORIZONTAL SIPHON JET (NO HUB)
 - WC-2 WATER CLOSET: SAME AS ABOVE
MOUNTED AT STANDARD HEIGHT.
 - URINAL (ACCESSIBLE) CRANE T-109 MAN-
HATTAN LOW CONSUMPTION (1.0 GAL. PER
FLUSH, WALL HUNG, SIPHON JET ACTION W/
INTEGRAL TRAP VITREOUS CHINA MOUNT
@ 41" A.F.F. TO LIP)
USE:
SLOAN - REGAL FLUSHOMETER #106
FLUSH VALVE.
 - URINAL (STANDARD) CRANE T-121 BEDFORD
WATER ECONOMY. (VITREOUS CHINA, WASH-
OUT, WITH INTEGRAL TRAP AND STRAINER
MOUNTED AT STANDARD HEIGHT
USE:
SLOAN - REGAL FLUSHOMETER #106
FLUSH VALVE.
 - LAVATORY - (ACCESSIBLE) CRANE HARNWICH
VITREOUS CHINA 1-412, MOUNT @ HANDICAP
HEIGHT
USE:
ZURN "Z" - DURA-COATED SYSTEM W/
CONCEALED ARMS (Z-1251 LAV WALL
SUPPORT) OR #100 SERIES
FAUCET - US BRASS NL 805 IPS LEVER
HANDLE
 - LAVATORY - (STANDARD) CRANE HARNWICH
VITREOUS CHINA, MOUNT @
STANDARD HEIGHT
USE:
ZURN "Z" - DURA-COATED SYSTEM W/
CONCEALED ARMS (Z-1251 LAV WALL
SUPPORT) OR #100 SERIES
FAUCET - US BRASS NL 805 IPS LEVER
HANDLE
 - GRAB BARS - MCKINNEY 9704-1-1/2" O.D.
STAINLESS STEEL GRAB BAR SATIN FINISH
36" LONG IN BACK AND 42" ON SIDE
 - TOILET PAPER HOLDER (NIC)
 - TOILET PARTITIONS TYPICAL - THE EMBASSY
- POWDER COATED METAL OVERHEAD
BRACED, BAKED ENAMEL FINISH, MANF.
BY GLOBAL STEEL PROD.
 - SOAP DISPENSER (NIC)
 - MIRROR - SERIES 530 RETURNED MIRRORS
STAINLESS STEEL - 10GA., 18"WIDE X
24" HIGH ("J" SHEET METAL - MANF.)
 - FLOOR COVERING (SEE FINISH SCHED. A4.0)
 - SEE A4.0 FOR SPECIFIC ADA
FITURE HEIGHTS ON THIS PROJECT



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DIV. OF THE STATE ARCHITECT
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04 100270
AC [Signature]
DATE APR 6 1998

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03 17035
AC [Signature]
DATE APR 12 1998

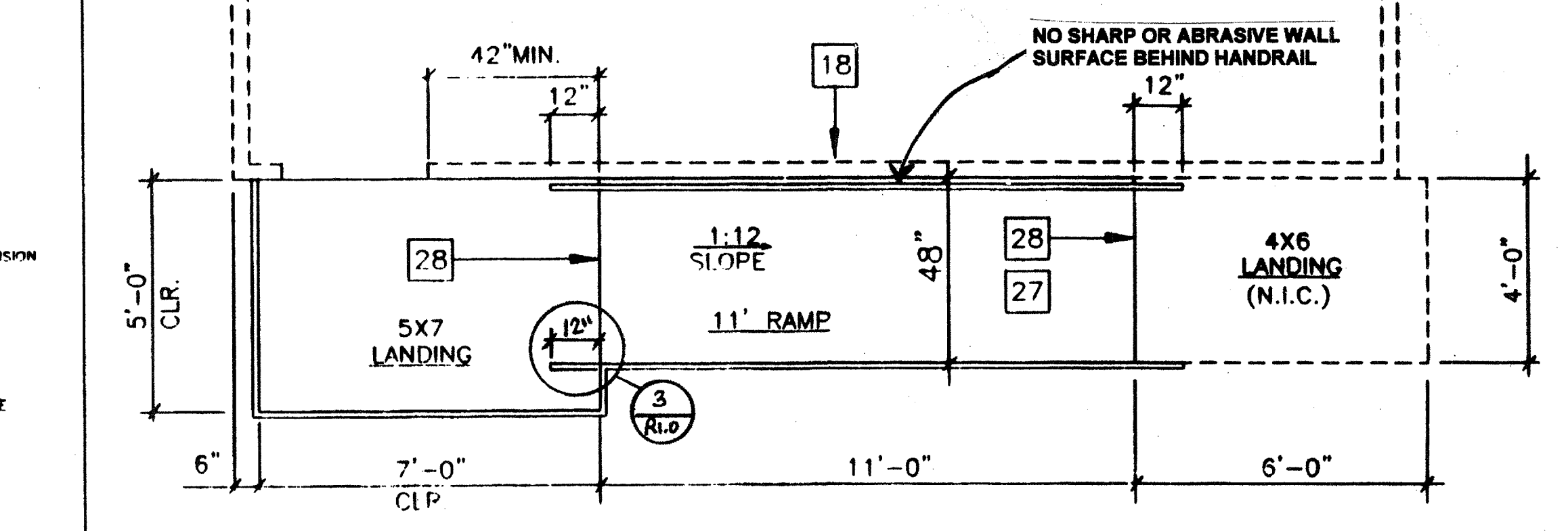
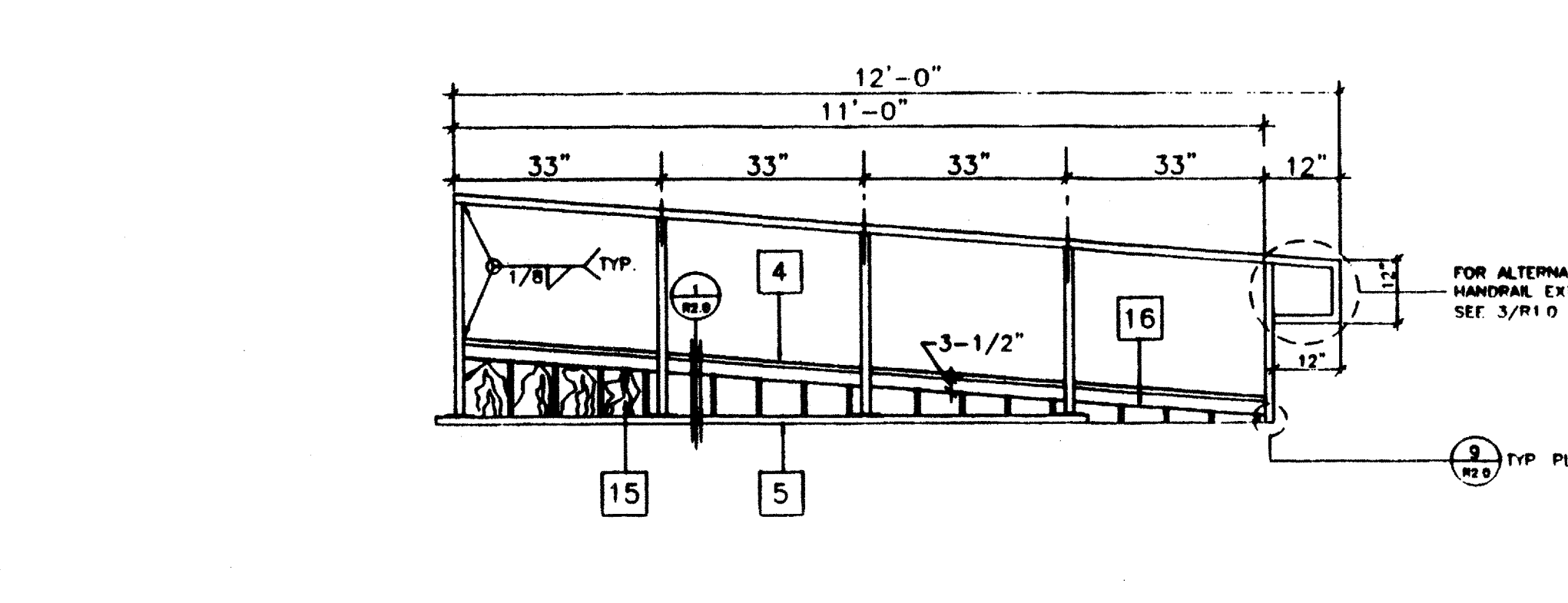
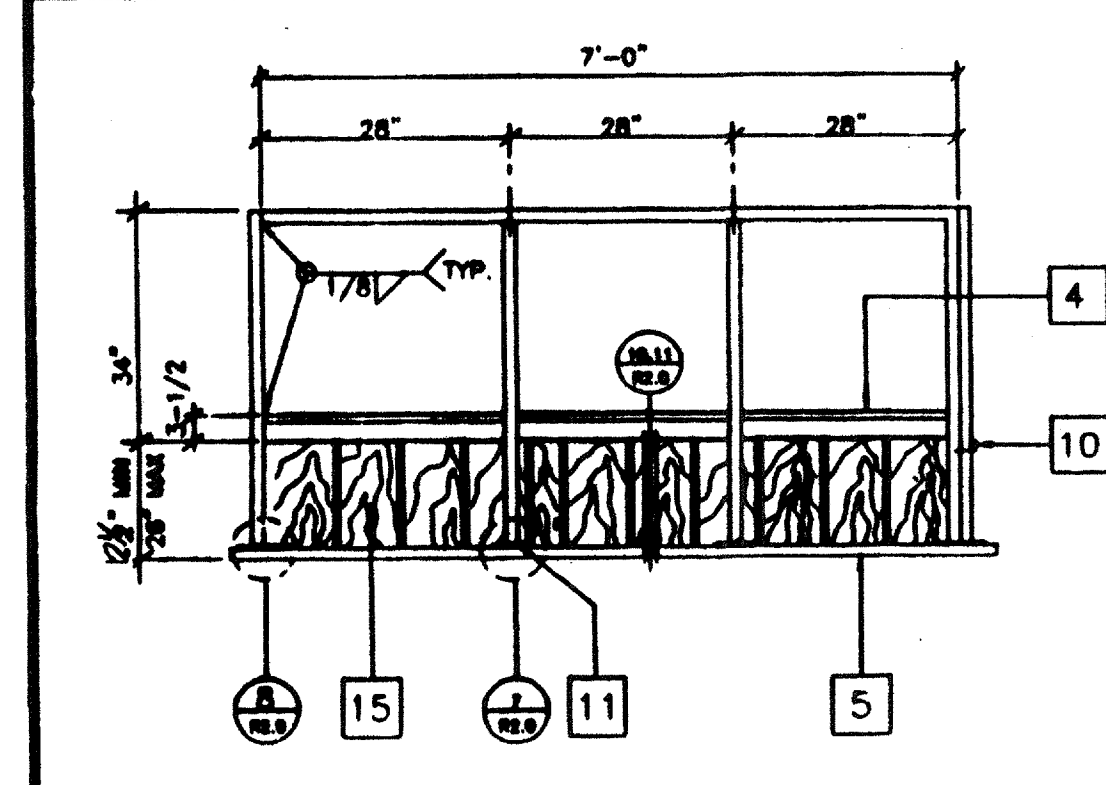
ARCHITECT	ELECTRICAL	STRUCTURAL	MECHANICAL	FIRE MARSHAL	ACCESS COMPLIANCE	STRUCTURAL SAFETY	JOB # A-134-96	© MODTECH INC. 1993	DRAWN BY AD
							JOB# 2724 #2918-C OPTION "C" ANAHEIM UHSD. (CLASS LEASING)	4012-081 CLLS.036	DATE CHECKED BY DATE
MODTECH INC.							PLUMBING PLAN		PI.2W



LANDING FRAME 12

RAMP FRAME 7

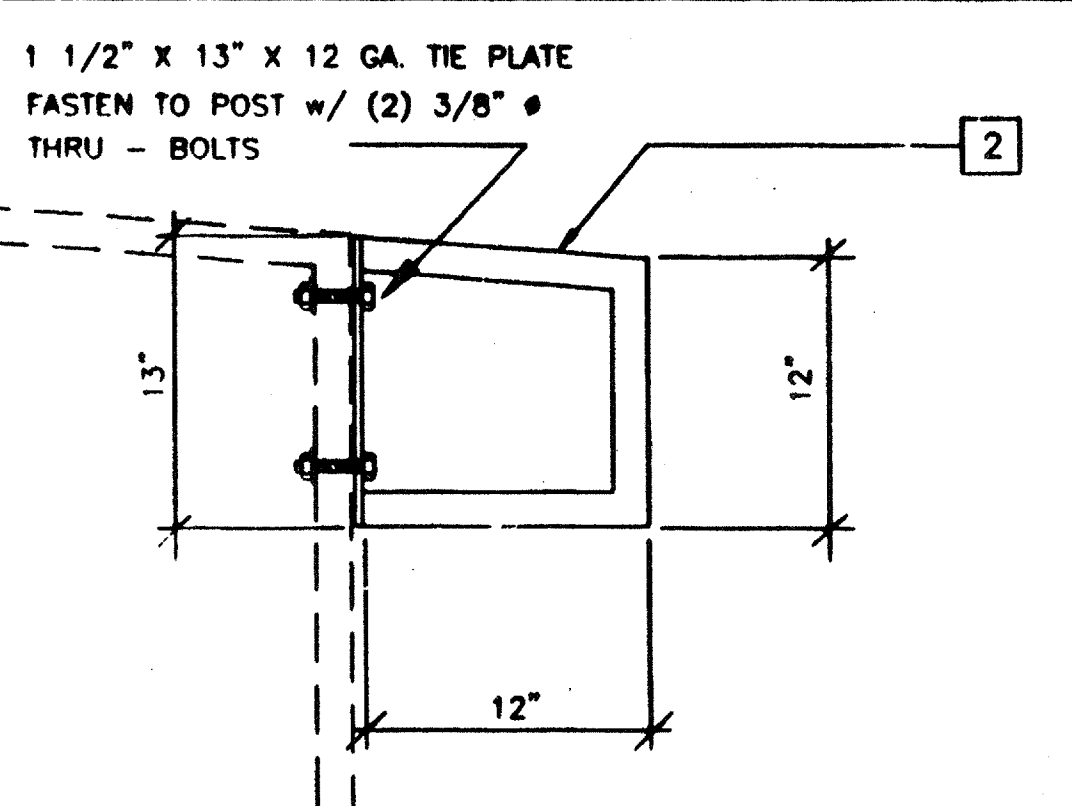
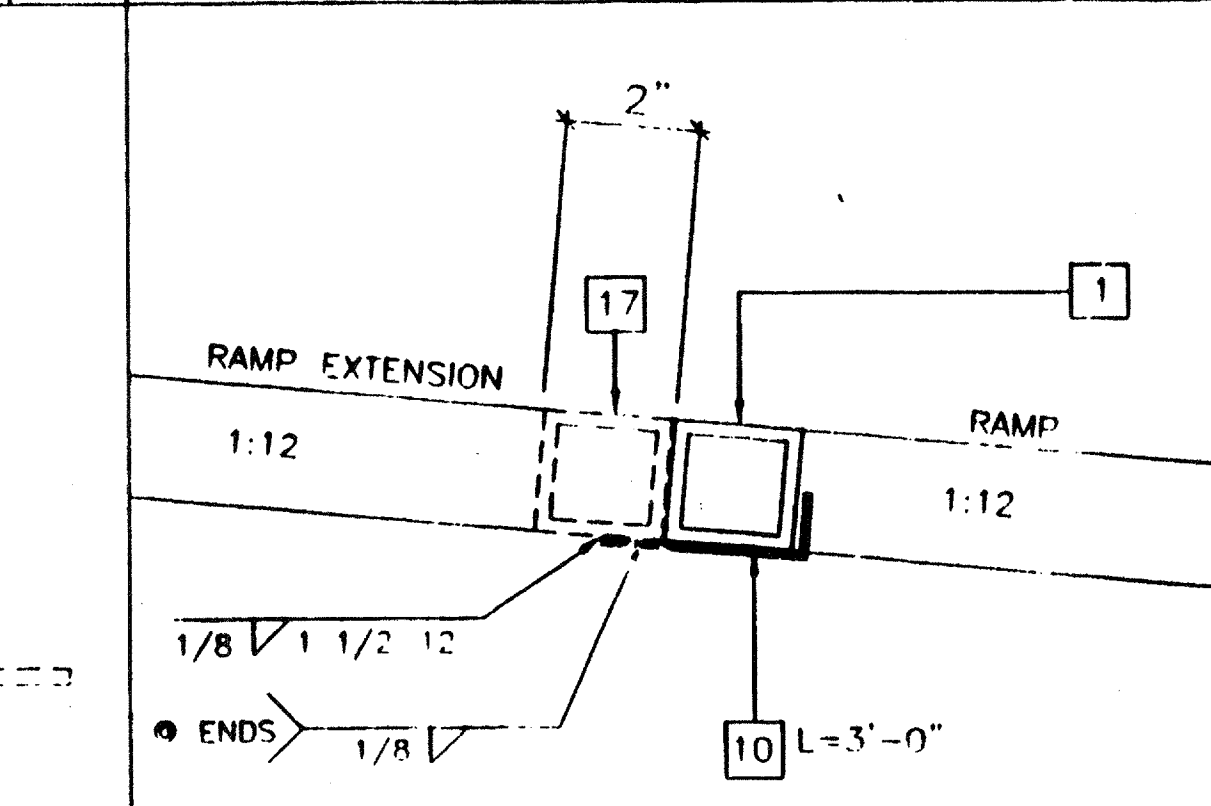
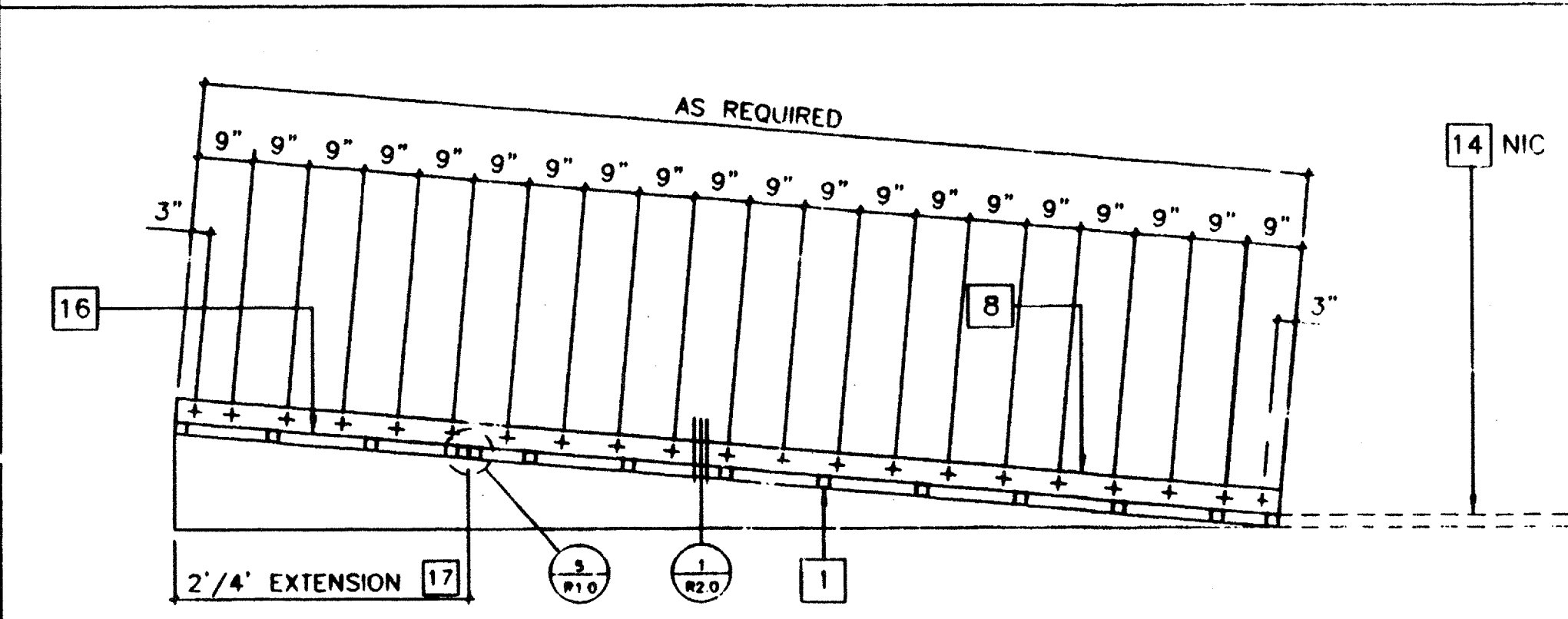
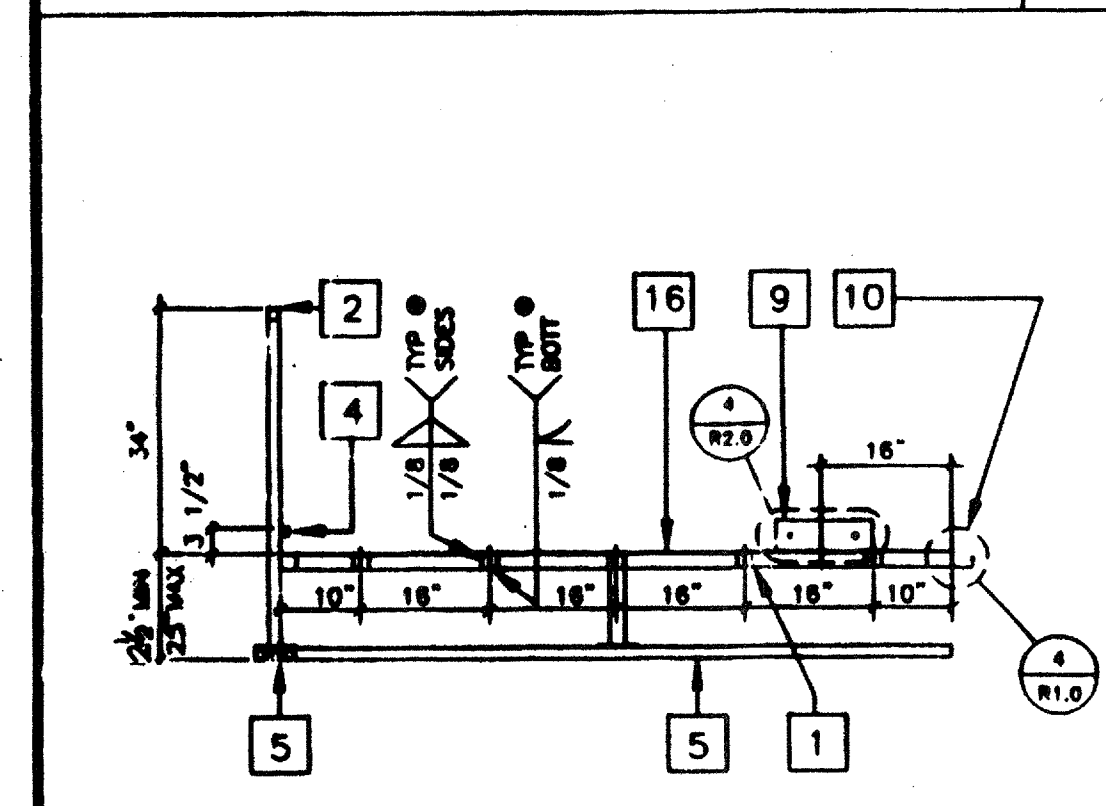
SILL PLAN FOR RAMP AND LANDING 3/8" 1



LANDING ELEVATION 13

RAMP ELEVATION 8

RAMP AND LANDING AT BUILDING 3/8" 2

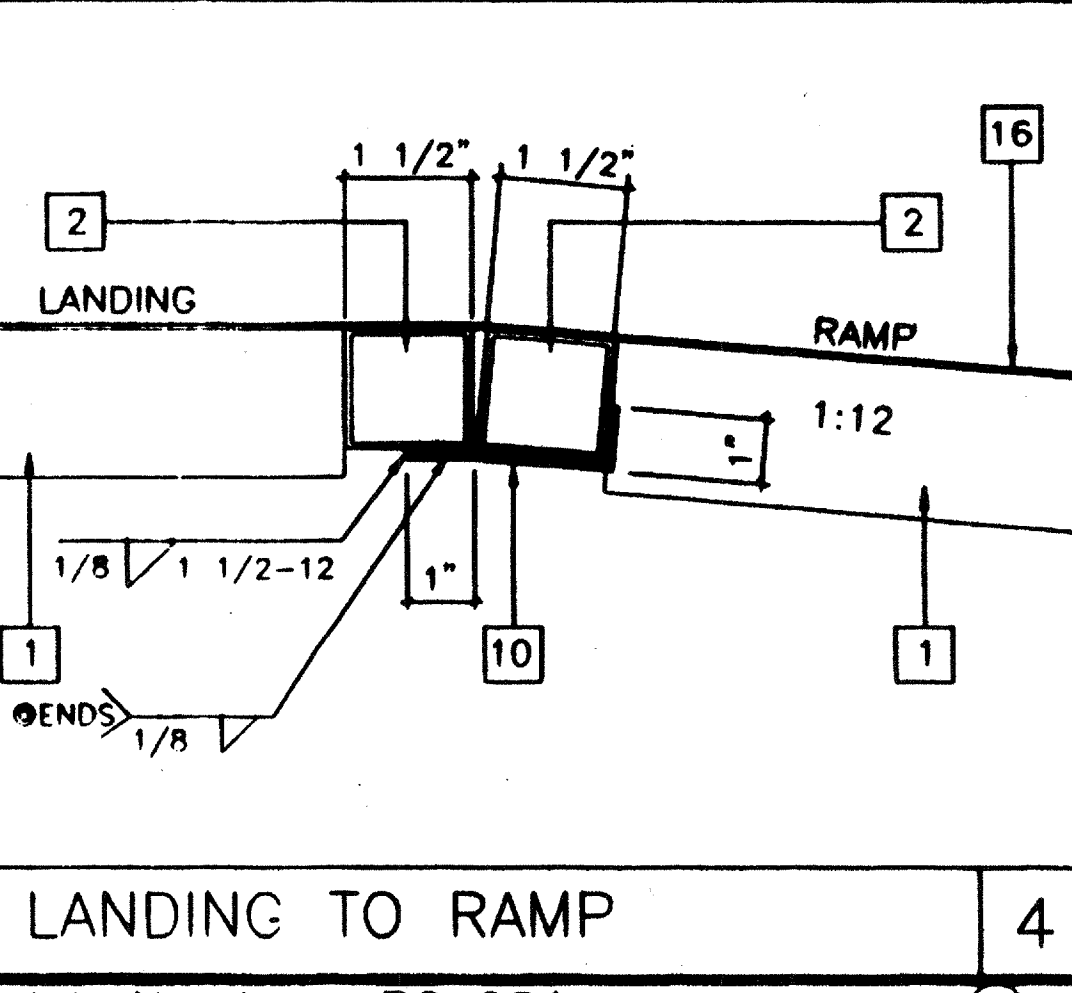
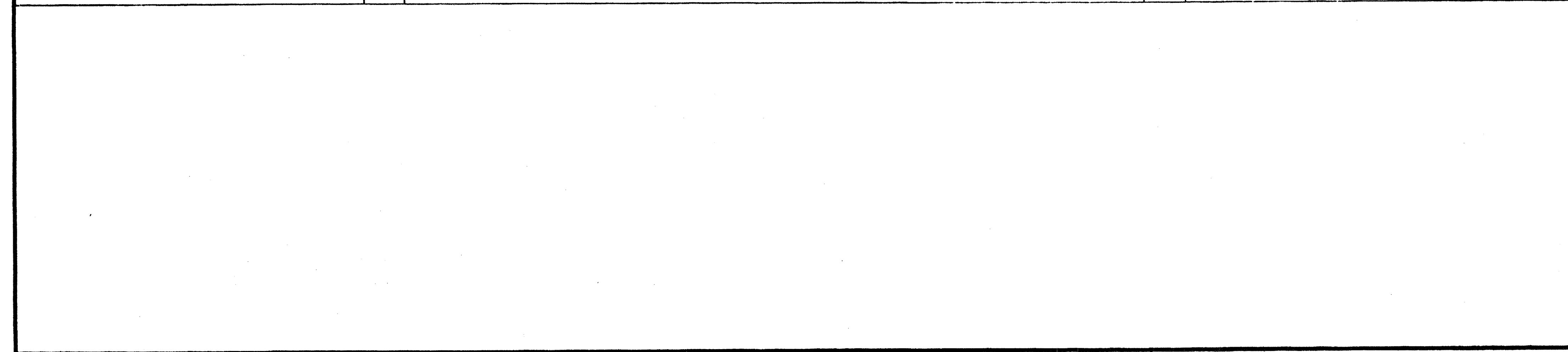


LONG. SECTION @ LANDING 14

LONGITUDINAL SECTION @ RAMP 9

RAMP EXTENSION TO RAMP 5

GUARD RAIL EXTENSION 3



LANDING TO RAMP 4

- ### KEY NOTES
- TS 2" x 2" x 14ga
 - TS 1 1/2" x 1 1/2" x 14ga (Fv = 39KSI)
 - TS 1" x 1" x 16ga WHEELCHAIR GUIDE
 - 2 x 6 PT SILL PLATE
 - 8" 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
 - 8" x 12" x 10ga PLATE W/ 2-1/4" x 3" LAGS TO STRUCTURAL FRAME OF BUILDING
 - 3" x 1" x 3'-0" x 10ga BENT PLATE
 - 2" x 4" x 12ga BASE PLATE W/ 2-1/4" x 1" LAGS
 - 6" x 10" x 12ga BASE PLATE @ RAMP TOP
 - LINE OF RAMP/LANDING ABOVE
 - LOWER LANDING BY DISTRICT
 - SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH W/ 6d @ 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO T.S. USE #14 x 2" TEK SCREWS @ 6" OC
 - 12ga METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6. MAINTAINABLE FOR 1 YR. RAMP EXTENSION FRAME.
 - EXISTING BUILDING.
 - RAMP BY MODTECH
 - FLUSH TRANSITION
 - NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2" x 4'-0" LOW.
 - TS 1" x 1" x 16ga

NOTES

- RAMP: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
- HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HT
- SURFACE: LANDING & RAMP TO HAVE NON SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR FOUL)
- GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME W/ #8 CU TO BOTH GROUND LUGS.
- 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.
- ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500, GRADE A STEEL (Fy = 39 KSI)

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal

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OFFICE OF REGULATION SERVICES

PC 284

AC 175
DATE MAY 6 1998

REVISED

MODTECH INC.

2830 BARRETT AVENUE
PERRIS, CALIF. 92572

PH (909) 943-4014
FAX (909) 940-0427

Job Number: PC 284

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drawn by FWH
date 11/98

checked by
date

Modtech project no.
MODTECH Index No.

4012-081
CLS.036

DATE 11/98

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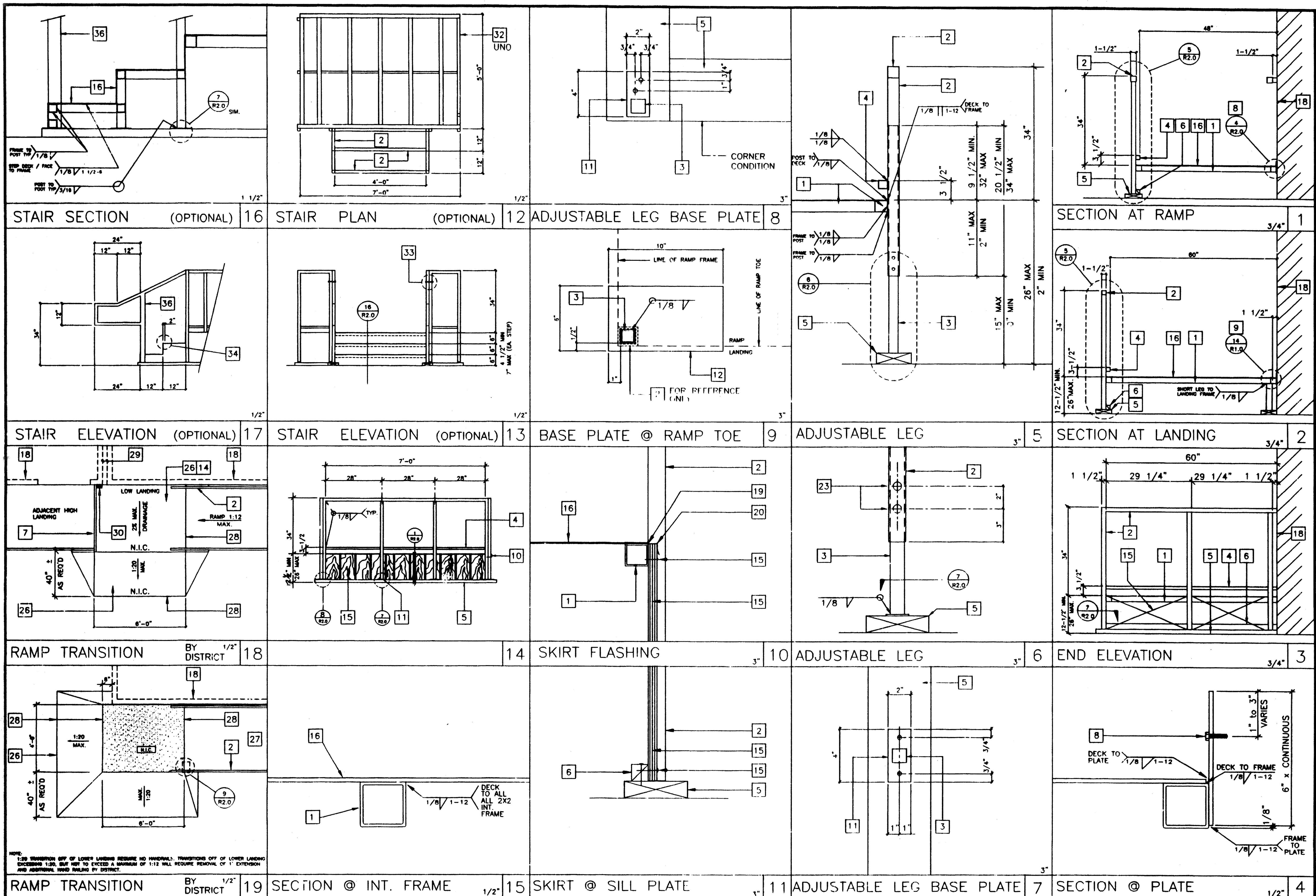
DATE 11/98

Project #

PC 284

RAMP / LANDING

R1.0



- ### KEY NOTES
- 1 TS 2" x 2" x 14ga
 - 2 TS 1 1/2" x 1 1/2" x 14ga (Fy = 39 KSI)
 - 3 TS 1 1/4" x 1 1/4" x 14ga (Fy = 39 KSI)
 - 4 TS 1" x 1" x 15ga WHEELCHAIR GUIDE
 - 5 2 x 6 PT SILL PLATE
 - 6 2 x 2 NAILEP W/16d @ 12" OC
 - 7 2 x RW HEADER BY DISTRICT.
 - 8 6" x 10ga CONTINUOUS PLATE W/#14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9" OC
 - 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.
 - 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. EXISTING BUILDING.
 - 18 CAULKING
 - 20 28 ga FLASHING
 - 23 3/8" dia x 2" LONG MB W/NIIT & WASHERS
 - 26 PAVE BY DISTRICT.
 - 27 RAMP BY MODTECH
 - 28 FLUSH TRANSITION
 - 29 3" MINIMUM BUILDING SEPERATION
 - 30 PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
 - 32 FOR LANDING DETAILS AND RAMP ATTACHMENT SEE 12/R1.0
 - 33 FASTEN POSTS W/ 3/8" @ THRU BOLT. TYPICAL
 - 34 2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
 - 36 TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

NO.	DESCRIPTION	DATE
1		
2		
3		
4		
5		

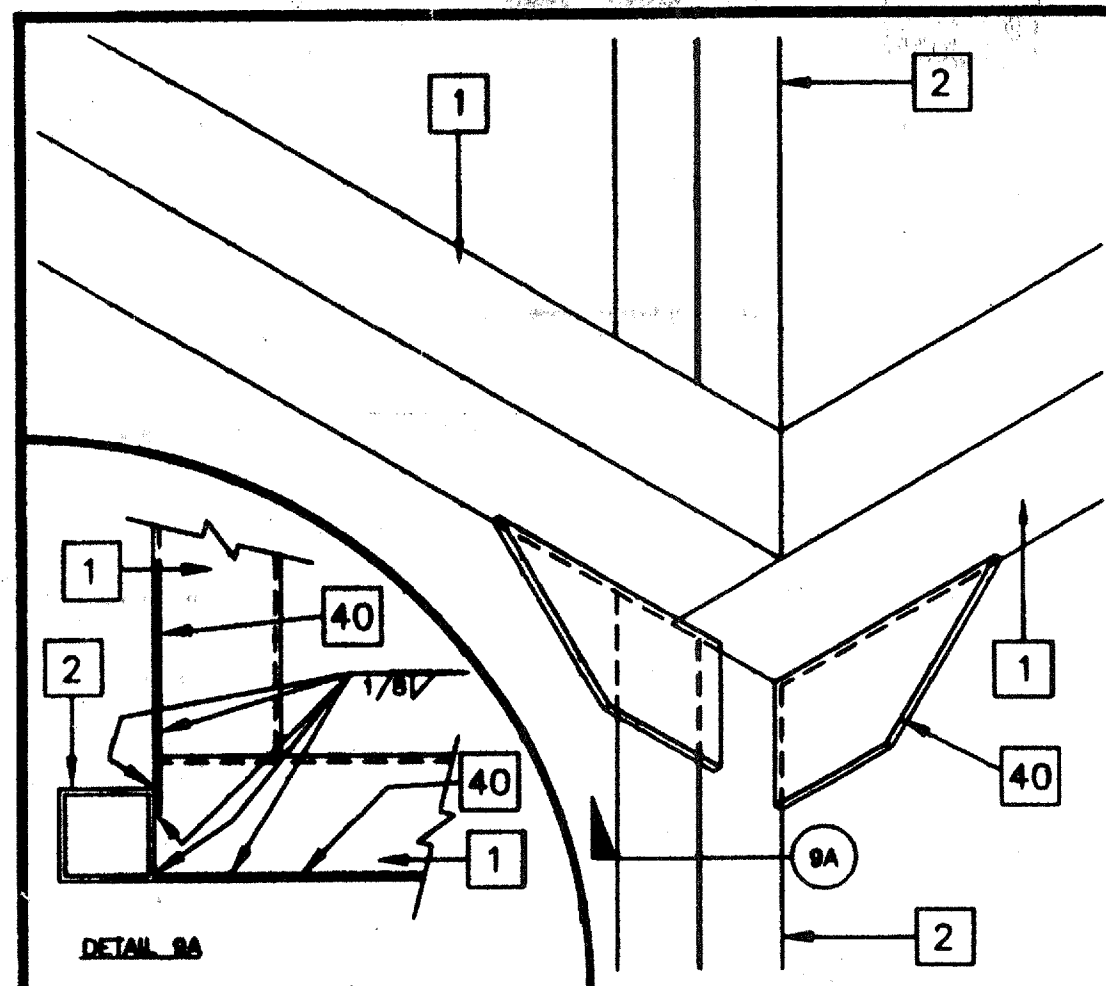
Electrical Engineer's Seal
 Mechanical Engineer's Seal
 Structural Engineer's Seal

Architect's Seal
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 PROJECT # 284
 AC 11/11/98
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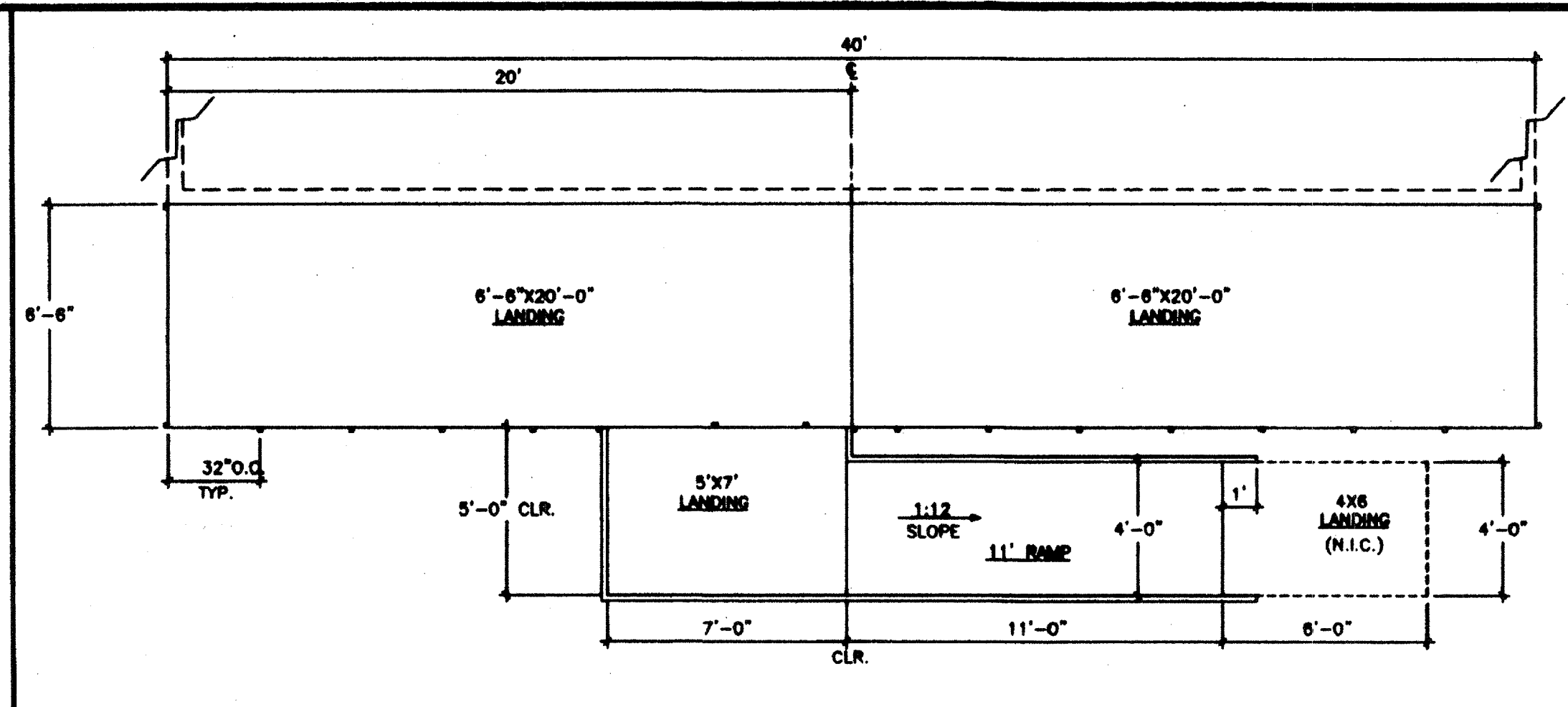
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 ANAHEIM UHSD.
 (CLASS LEASING)

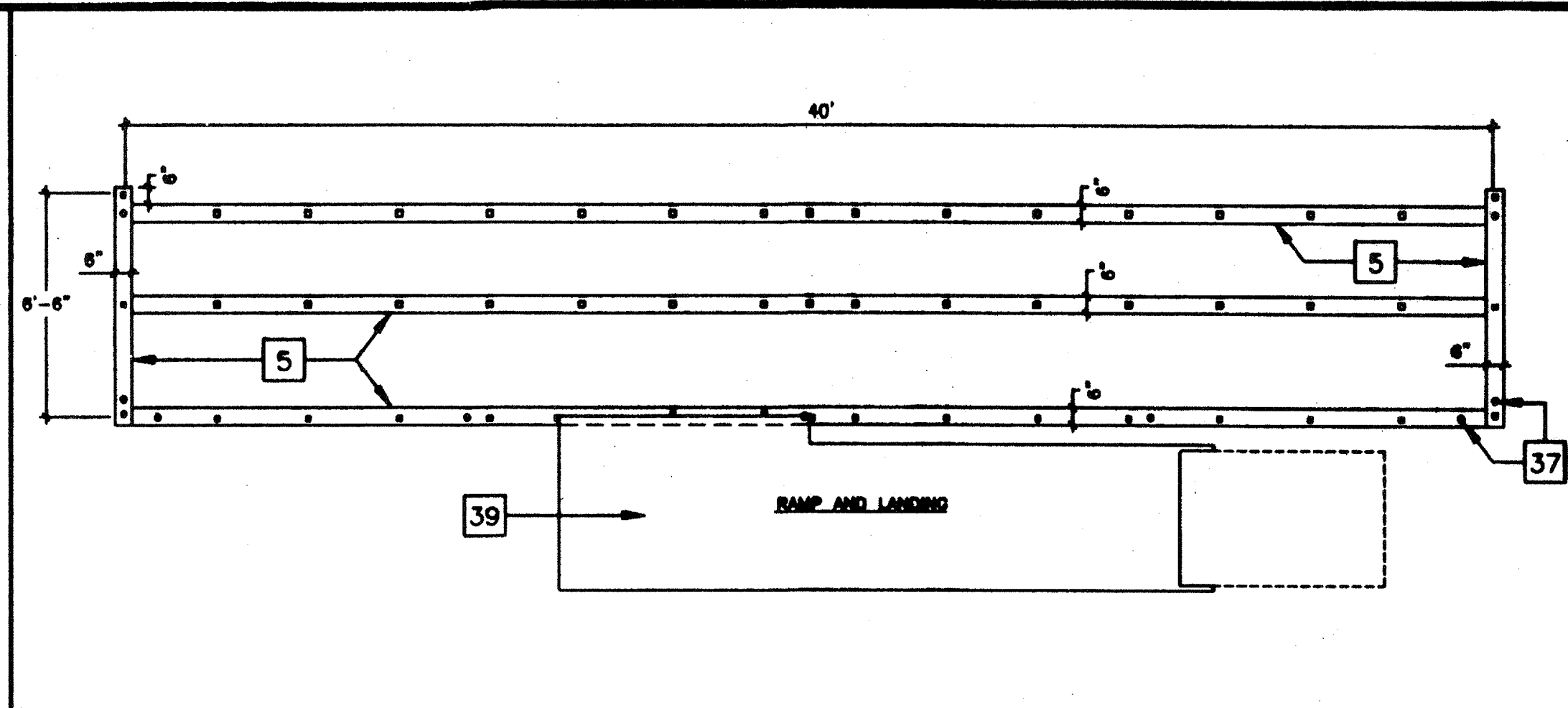
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 date: 11/98
 checked by: [Signature]
 date: [Signature]
 project no: 4012-081
 CLLS.036
 MODTECH Index No.
RAMP/STAIR DETAILS R2.0



GUSSET PLATE DETAIL

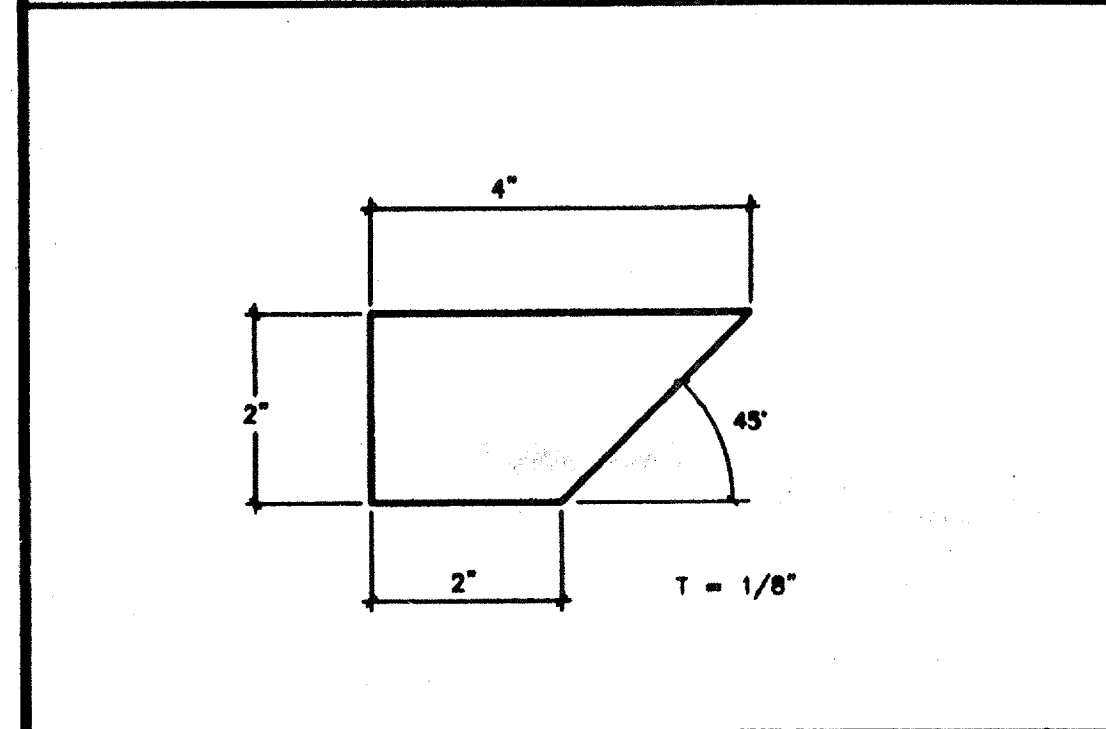


COMMON LANDING AT BUILDING

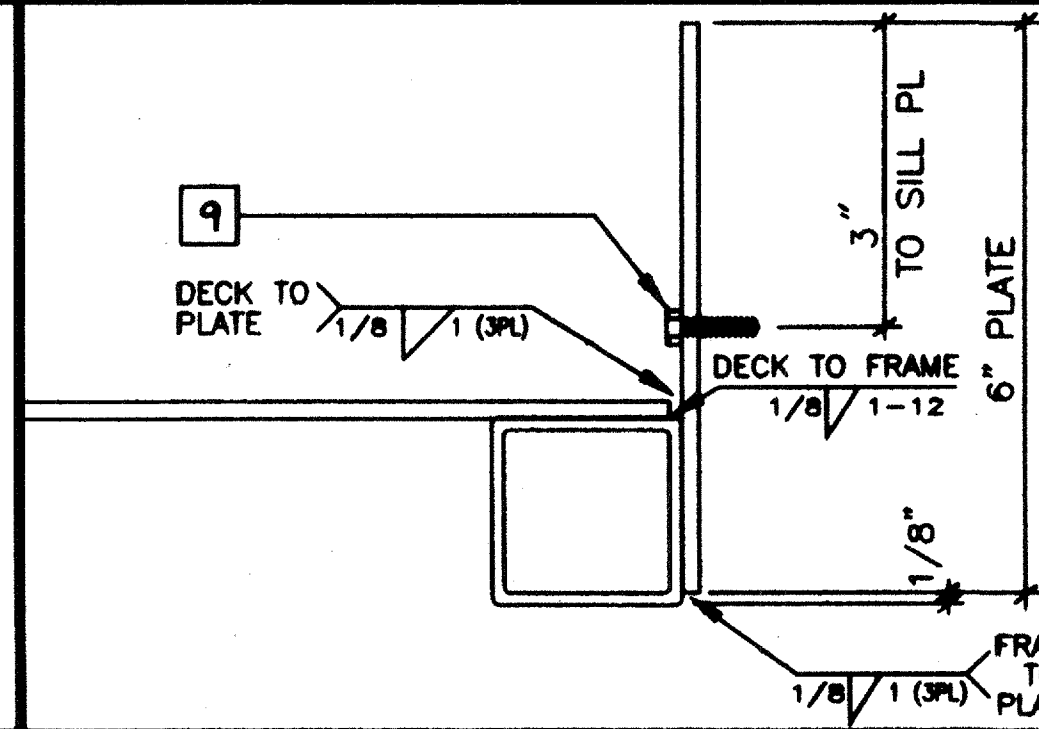


SILL PLAN @ LANDING

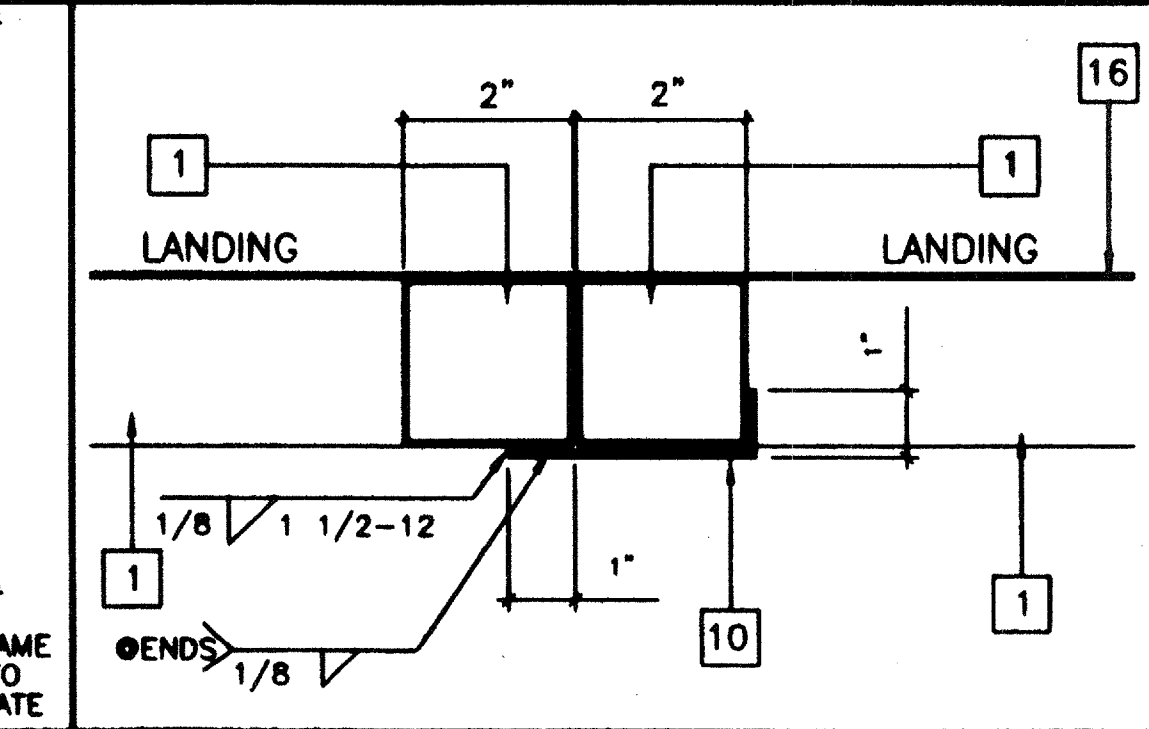
- KEY NOTES**
- 1 TS 2" x 2" x 14ga
 - 2 TS 1 1/2" x 1 1/2" x 14ga (Fy = 39KSI)
 - 3 TS 1 1/4" x 1 1/4" x 14ga (Fy = 39KSI)
 - 4 TS 1" x 1" x 16ga WHEELCHAIR GUIDE
 - 5 2 x 6 PT SILL PLATE
 - 9 8" x 12" x 10ga PLATE W/2-1/4" x 3" LAGS TO G. OF SILL PLATE.
 - 10 3" x 1" x 10ga BENT PLATE - LENGTH VARIES
 - 11 2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
 - 15 SKIRTING: PLYWOOD TO MATCH BUILDING SIDING BLOCK. ALL EDGES. ATTACH W/ 5d @ 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 6X. MAINTAINABLE FOR 1 YR.
 - 18 EXISTING BUILDING.
 - 23 3/8" dia x 2" LONG MB W/NUT & WASHERS
 - 37 SILL RESTRAINT PIPE 1" - MIN. 12" EMBEDMENT MAXIMUM 10'-0" O.C.
 - 39 FOR RAMP AND LANDING SPECIFICATIONS W/ DETAILED INFORMATION PLEASE REFER TO SHEETS R1.0 & R2.0 FOR THE INTERMEDIATE LANDING DESIGN, AND SHEETS R3.0 & R4.0 FOR THE RAMP DESIGN.
 - 40 1/8" THICK GUSSET PLATE 3 PLACES TOTAL - SEE PLANS FOR LOCATIONS



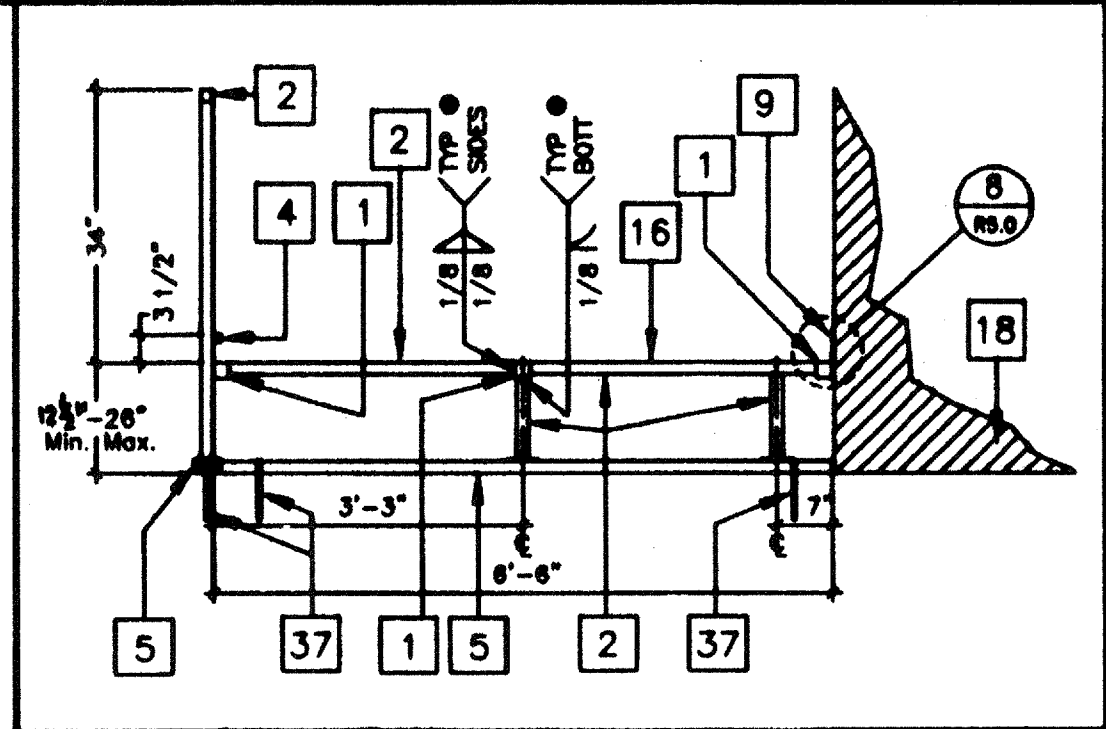
GUSSET PLATE



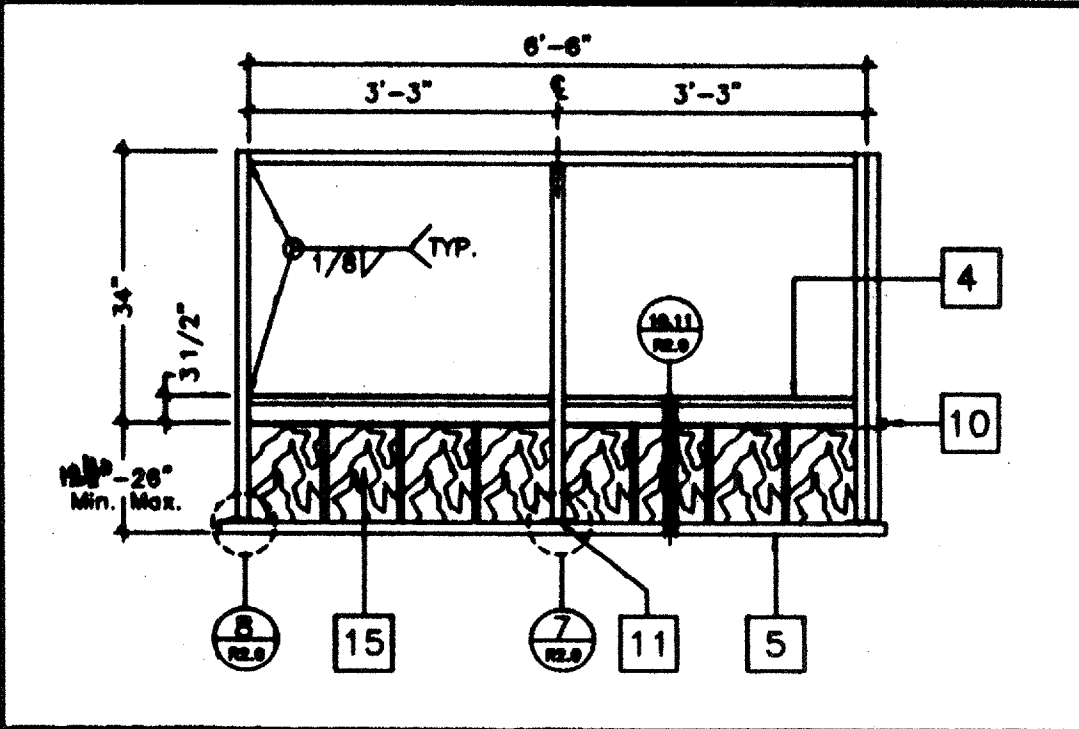
SECTION @ PLATE



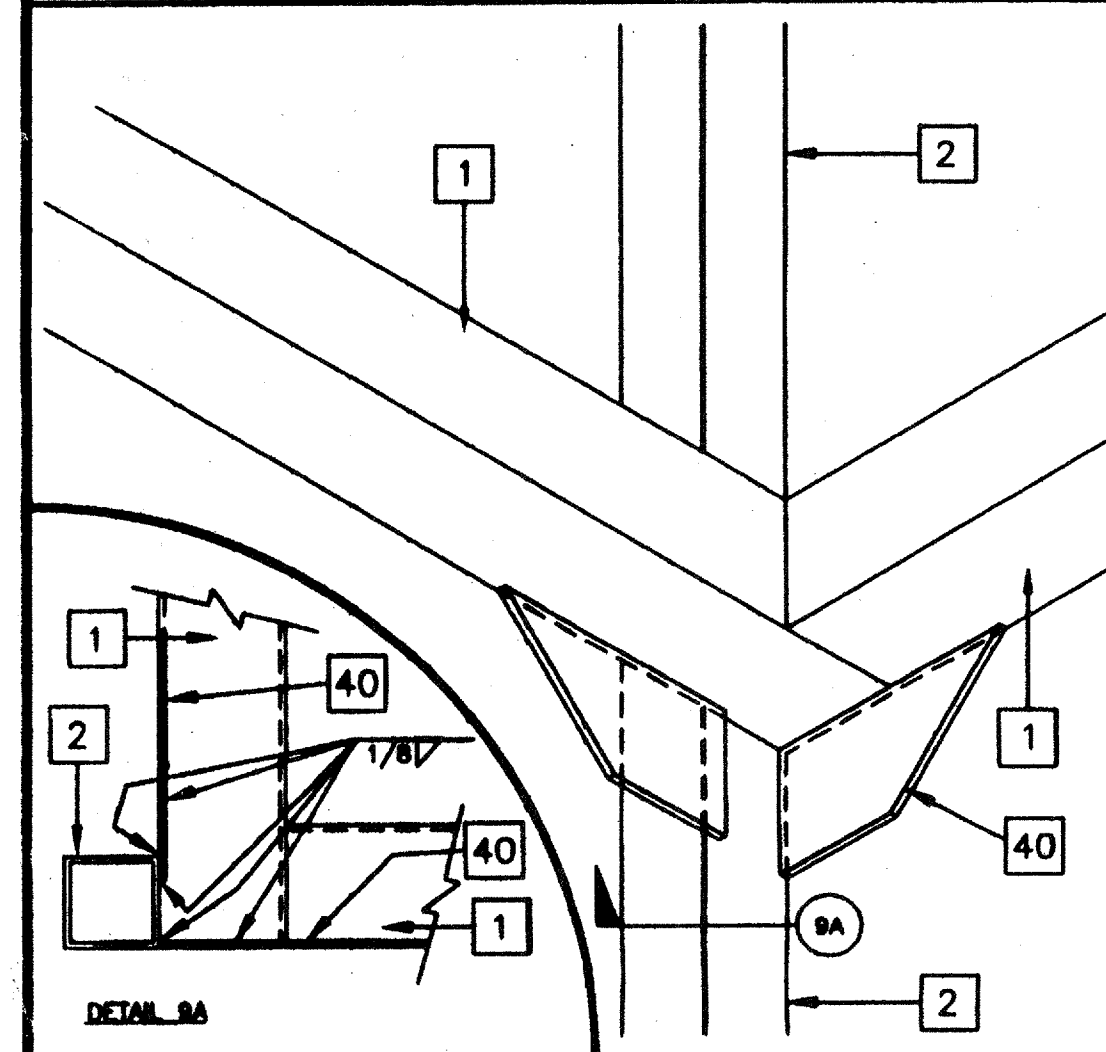
LANDING TO LANDING



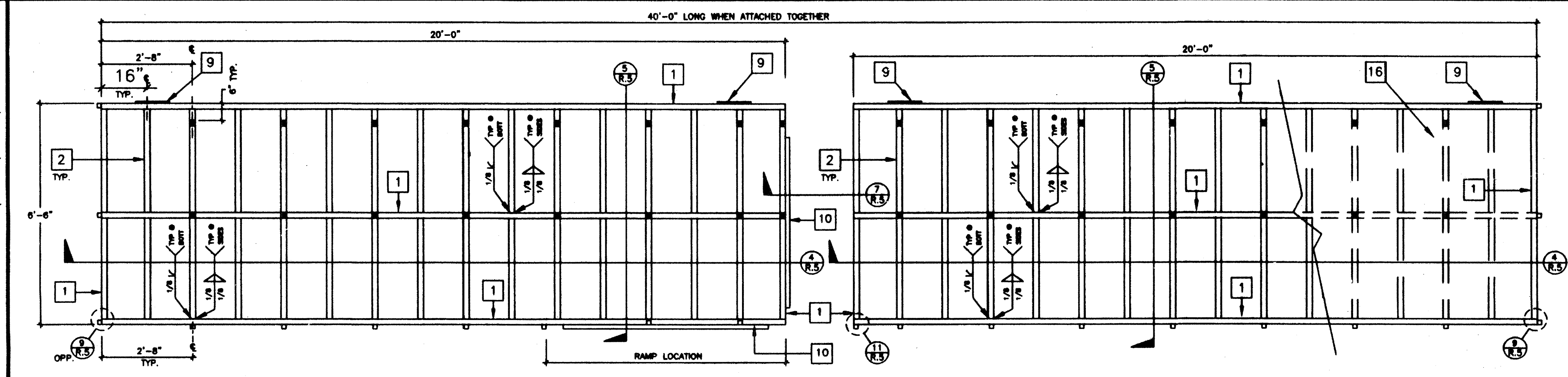
SECTION @ LANDING



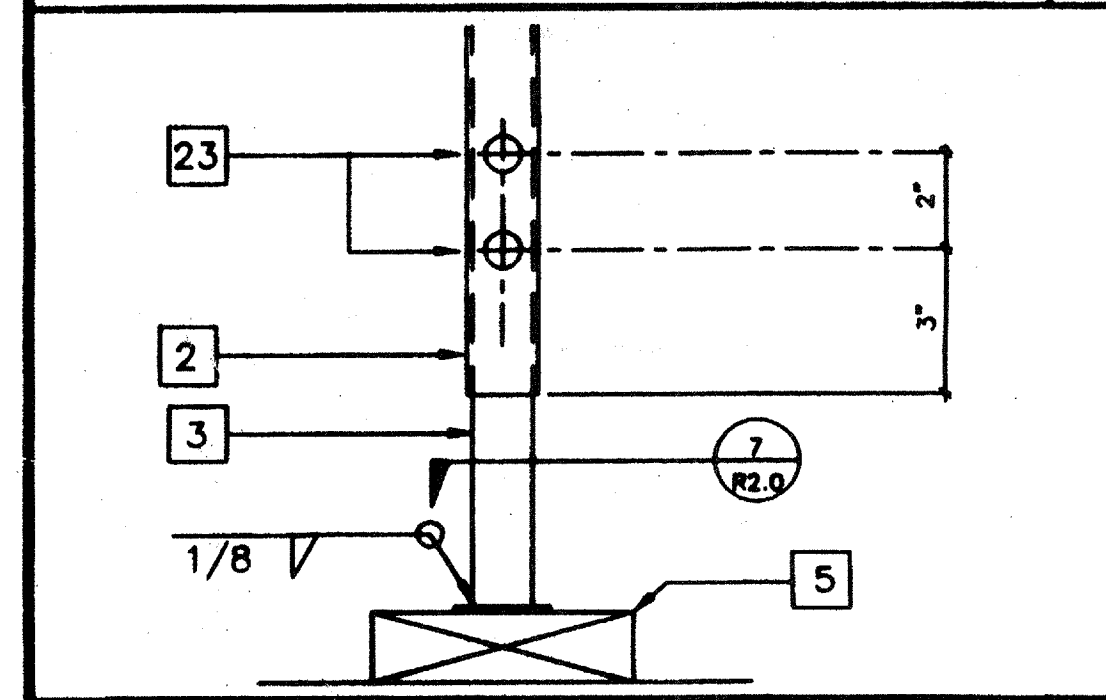
(TYP.) LANDING ELEVATION



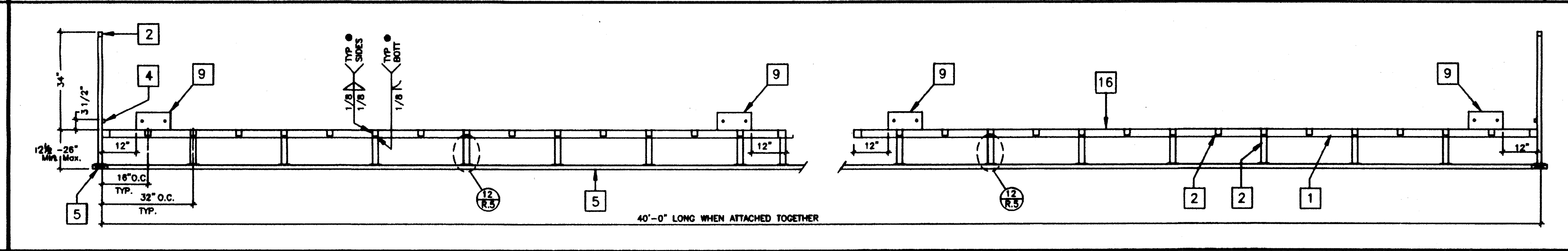
GUSSET PLATE DETAIL



LANDING FRAME



SECTION @ ADJUSTABLE POST



LONGITUDINAL SECTION @ LANDING

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 TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)
- 7 OVERALL LENGTH OF THE LANDING MAY VARY FROM 26'-8" UP TO 40'-0". LENGTH MUST CONFORM TO STRUCTURAL DESIGN OF APPROVED LANDING. (MULTIPLES OF 32")

REVISIONS

1		
2		
3		
4		
5		

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

Architect's Seal
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATORY SERVICES
PC 284
AC 17025
DATE MAY 14 1997
REVISED

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

Job Number: PC 284
JOB# 2724 # 2818-C
ANAHEIM U.H.S.D.
(CLASS LEASING)

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checked by: R.N. 5/14/97
date: 5/14/97
Project no: 4012-081
MODTECH Index No. CLS.036 e/11/98
RAMP / LANDING R5.0