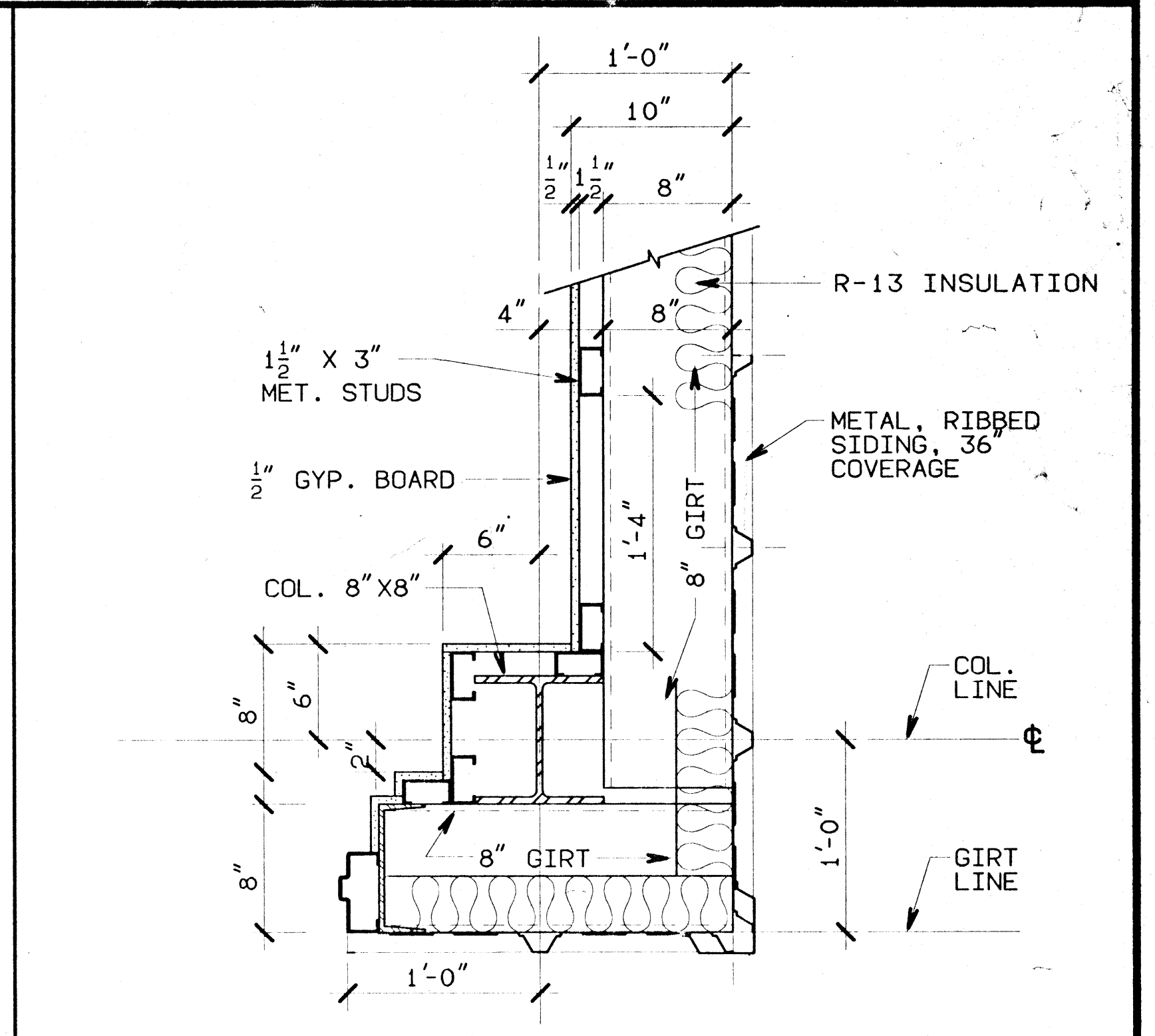
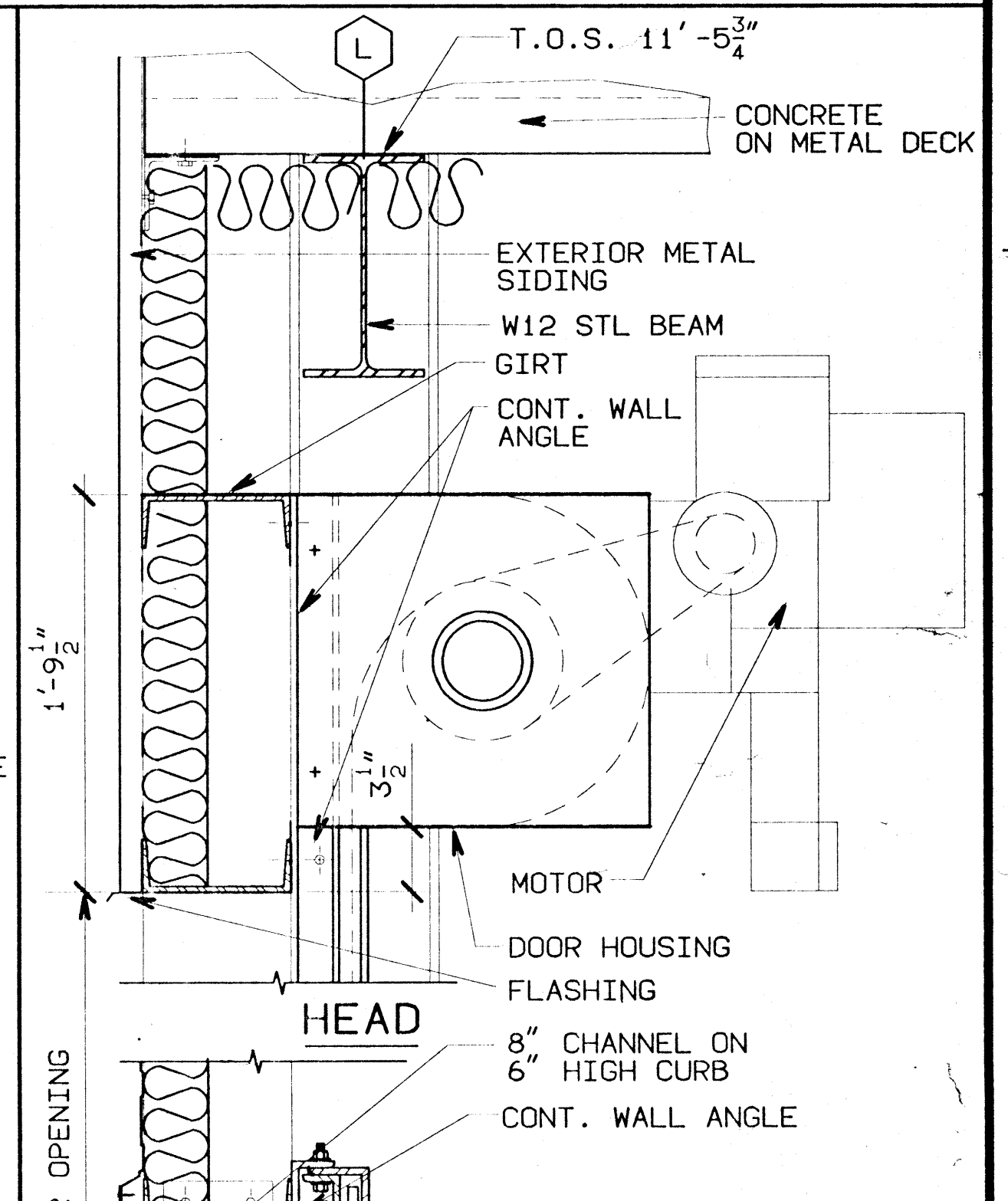


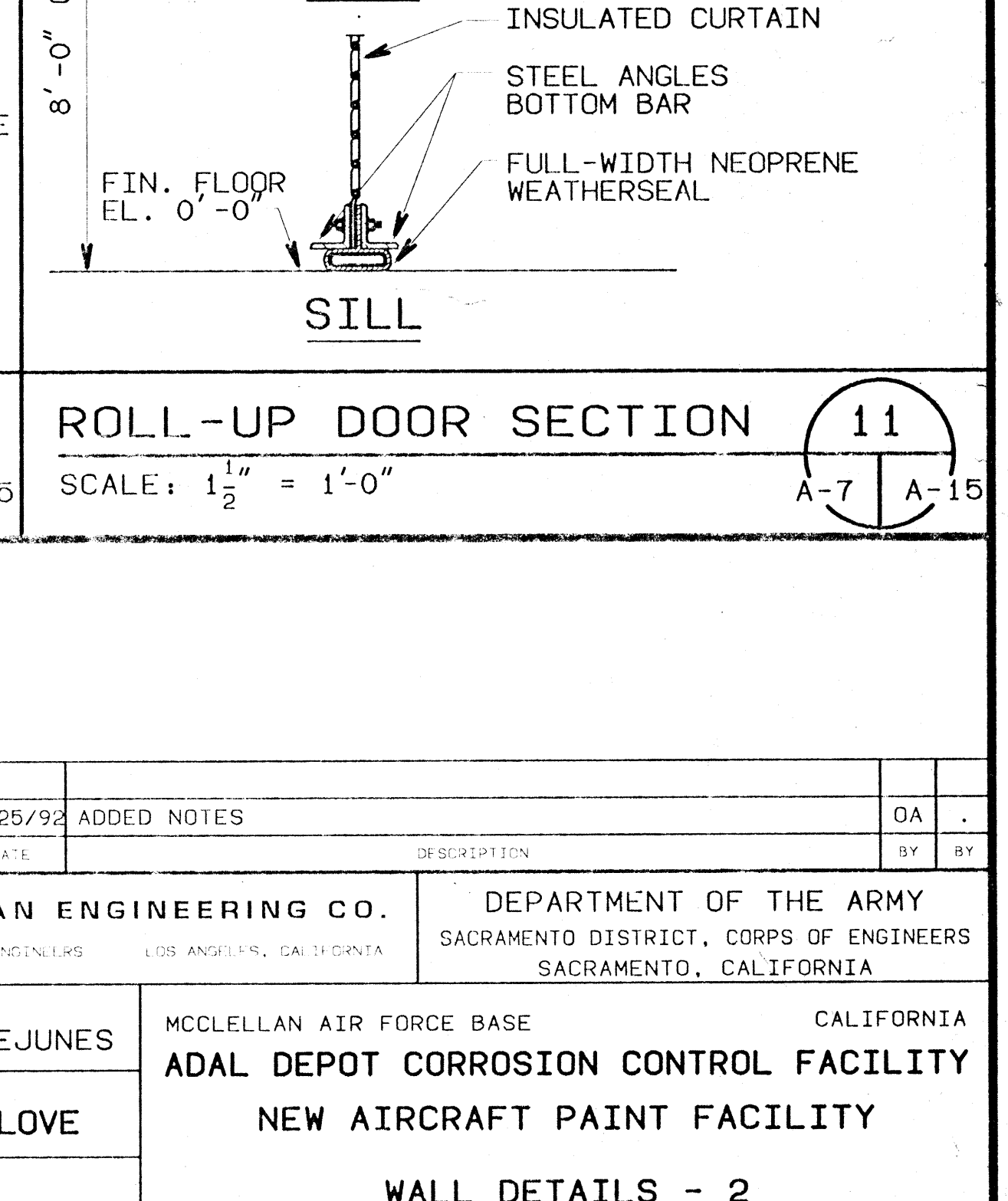
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A-4 A-15



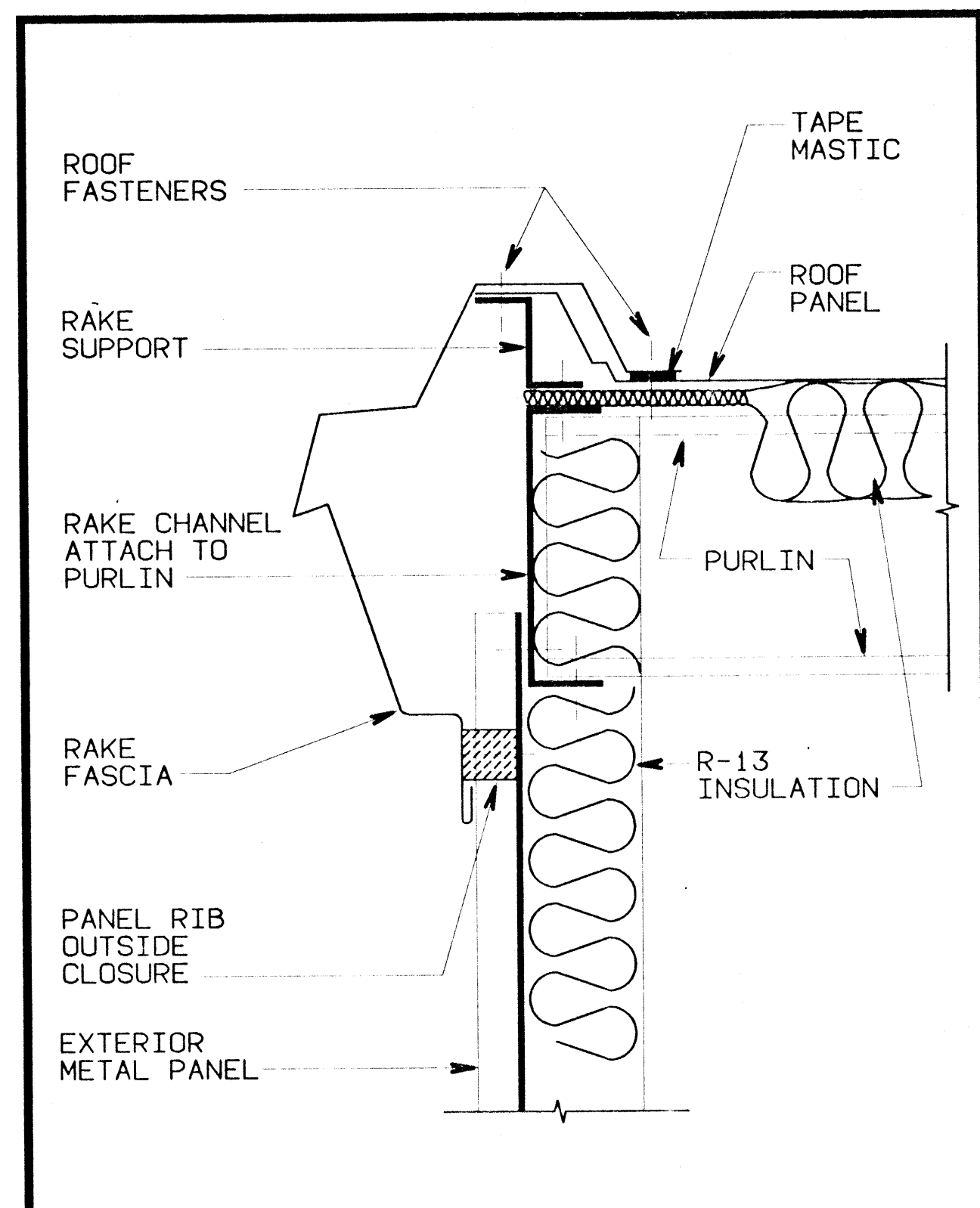
A-13	A-15
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A-13	A-15
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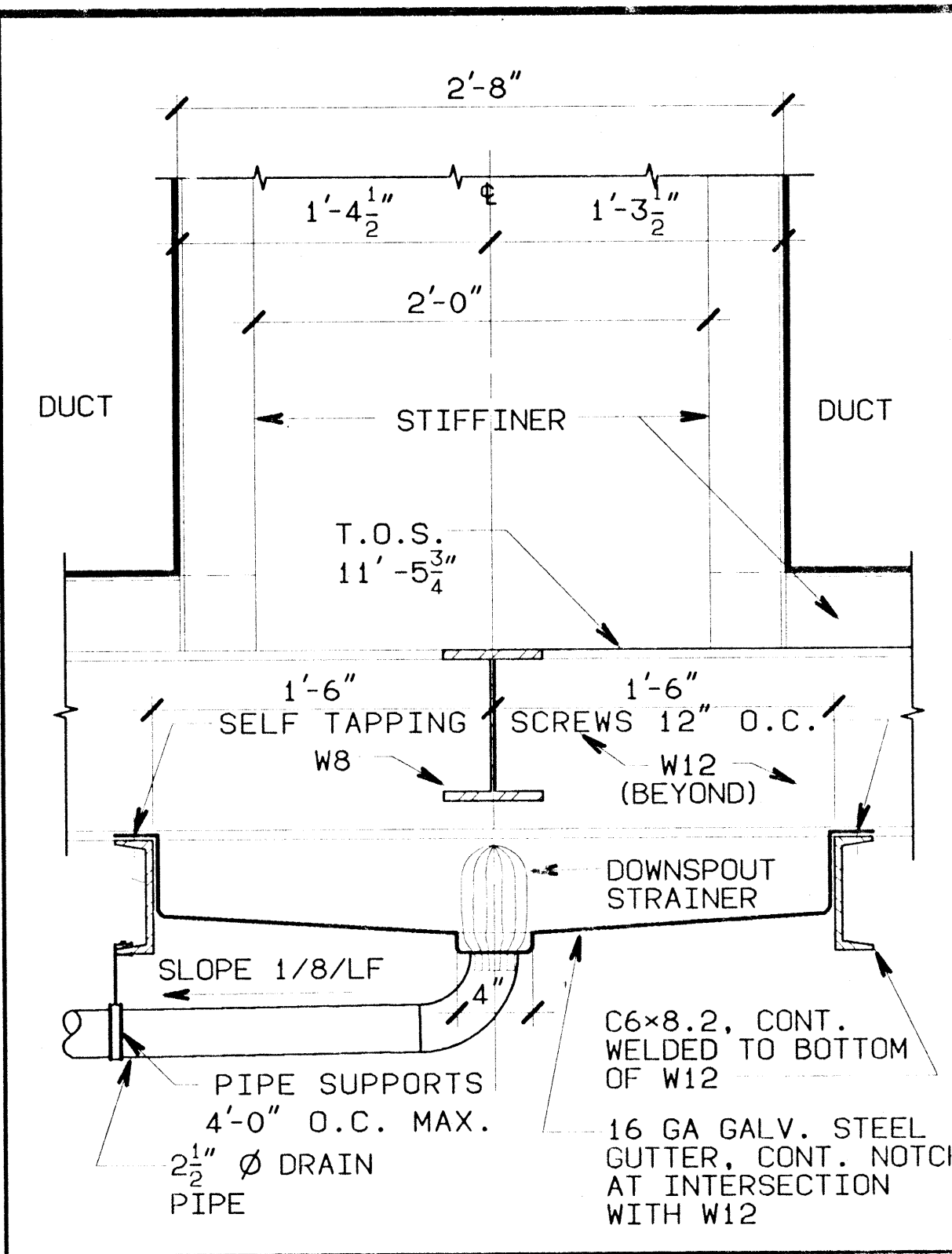
SAFETY PAYS

FUNCTIONAL ANALYSIS - VE PAYS



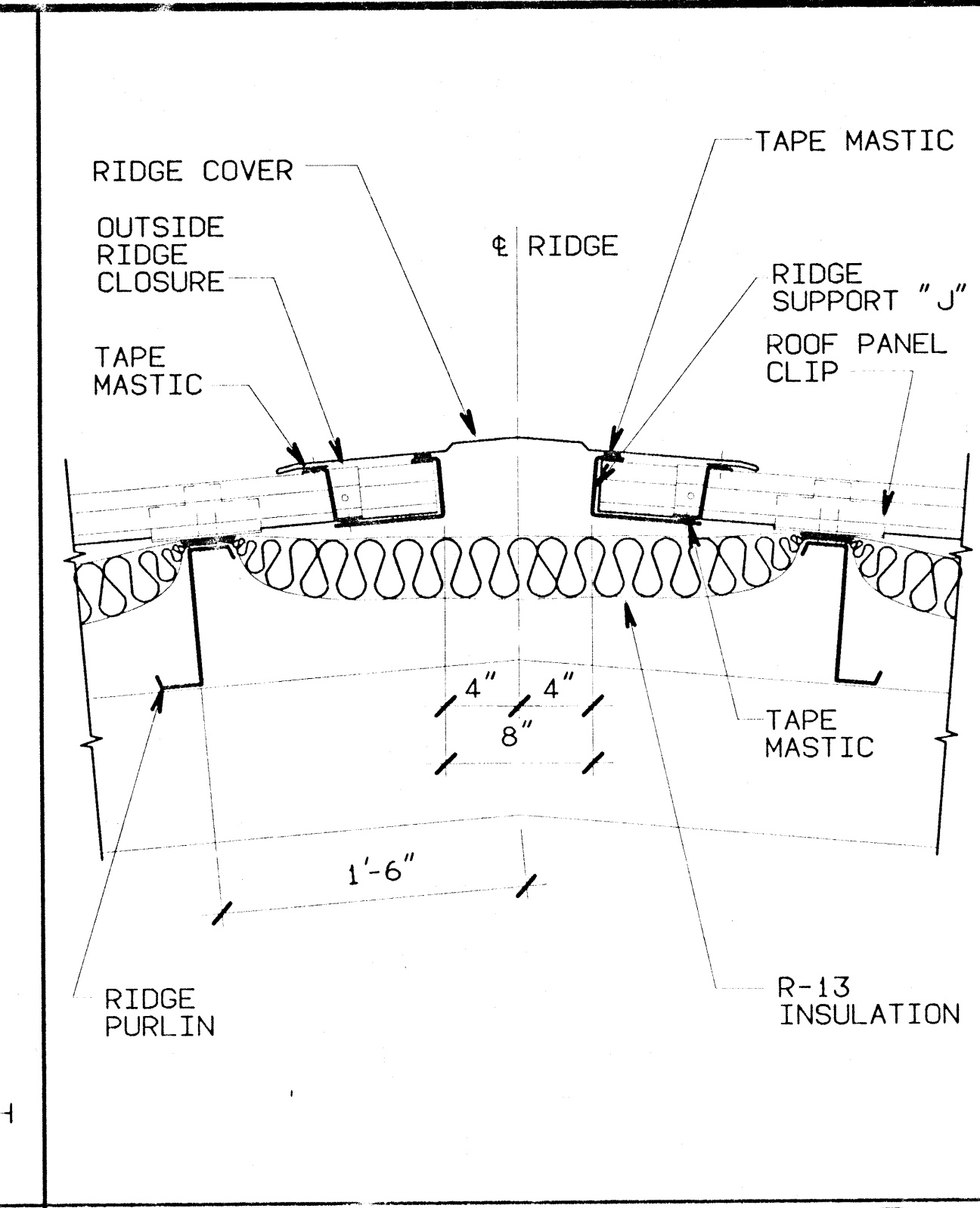
RAKE FASCIA

SCALE: 3" = 1'-0"



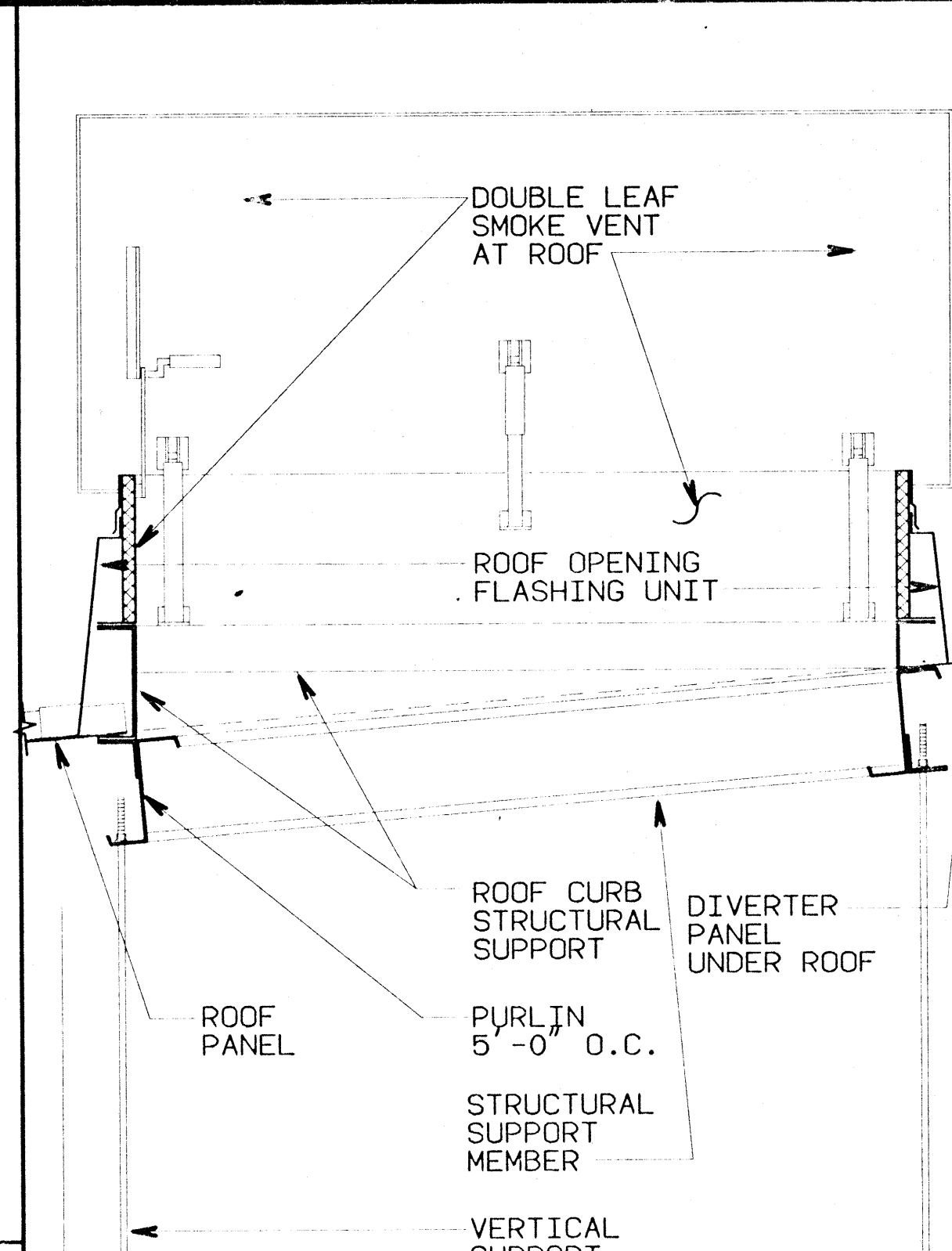
GUTTER

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



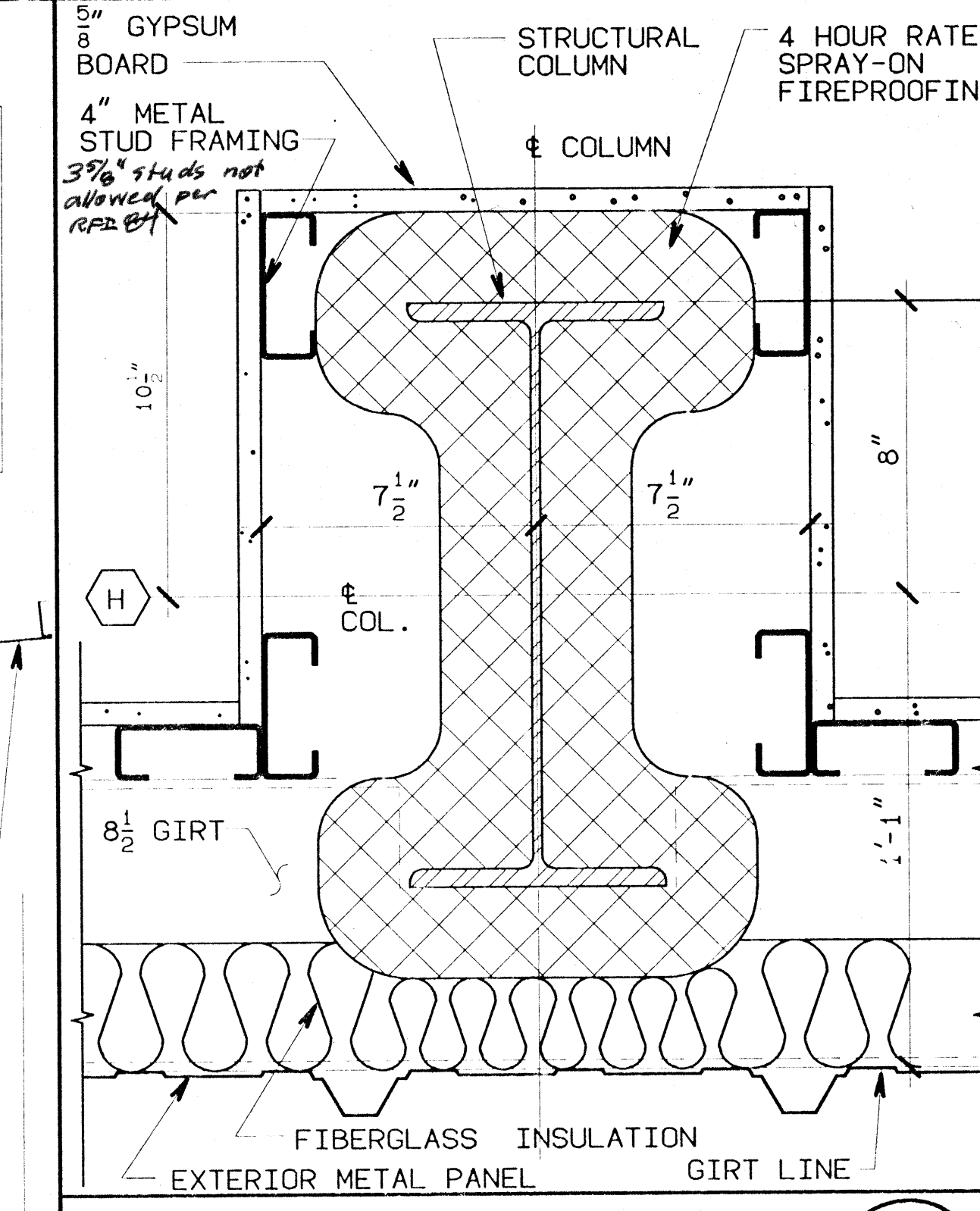
RIDGE COVER

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



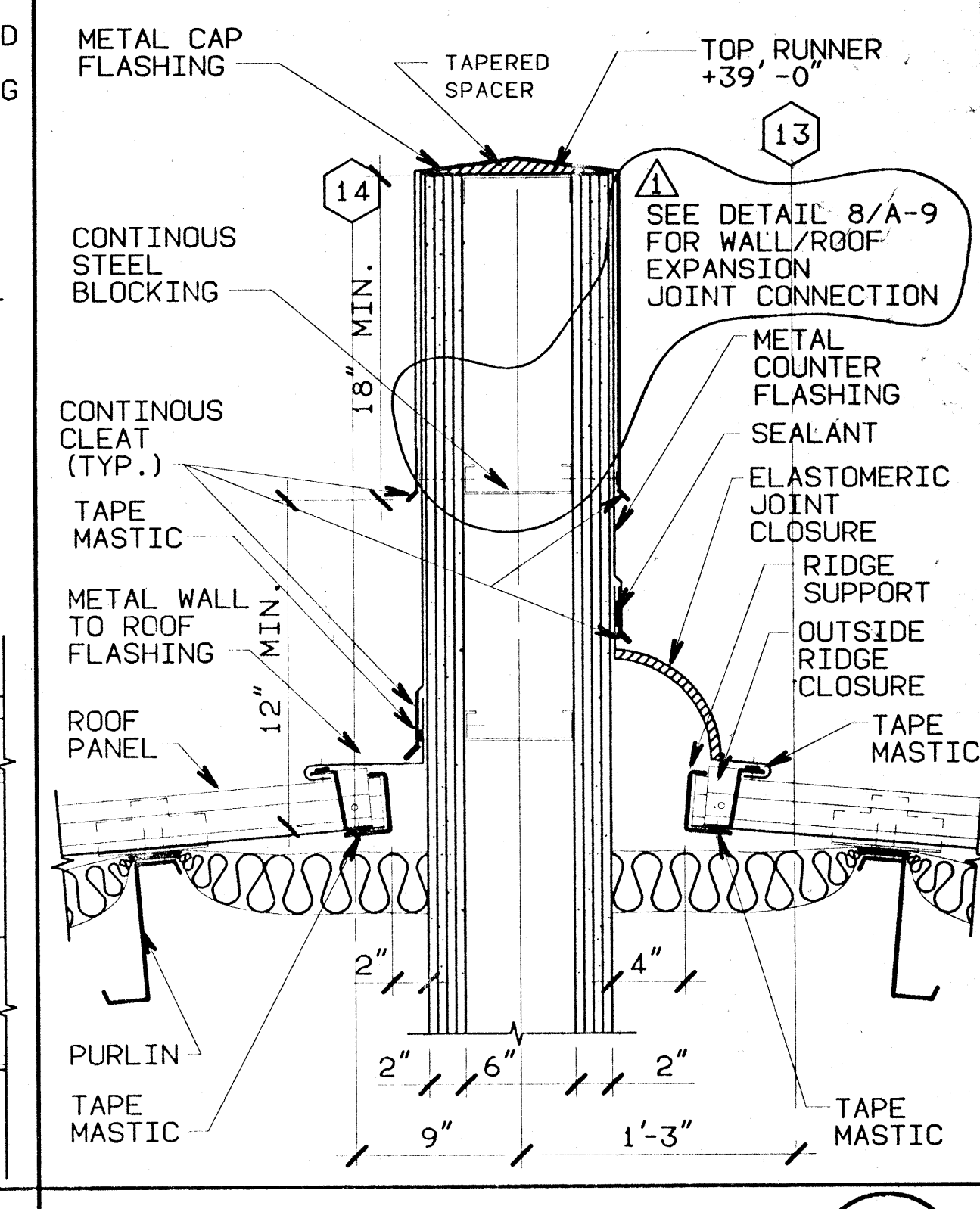
ROOF OPENING FLASHING UNIT

SCALE: 3" = 1'-0"



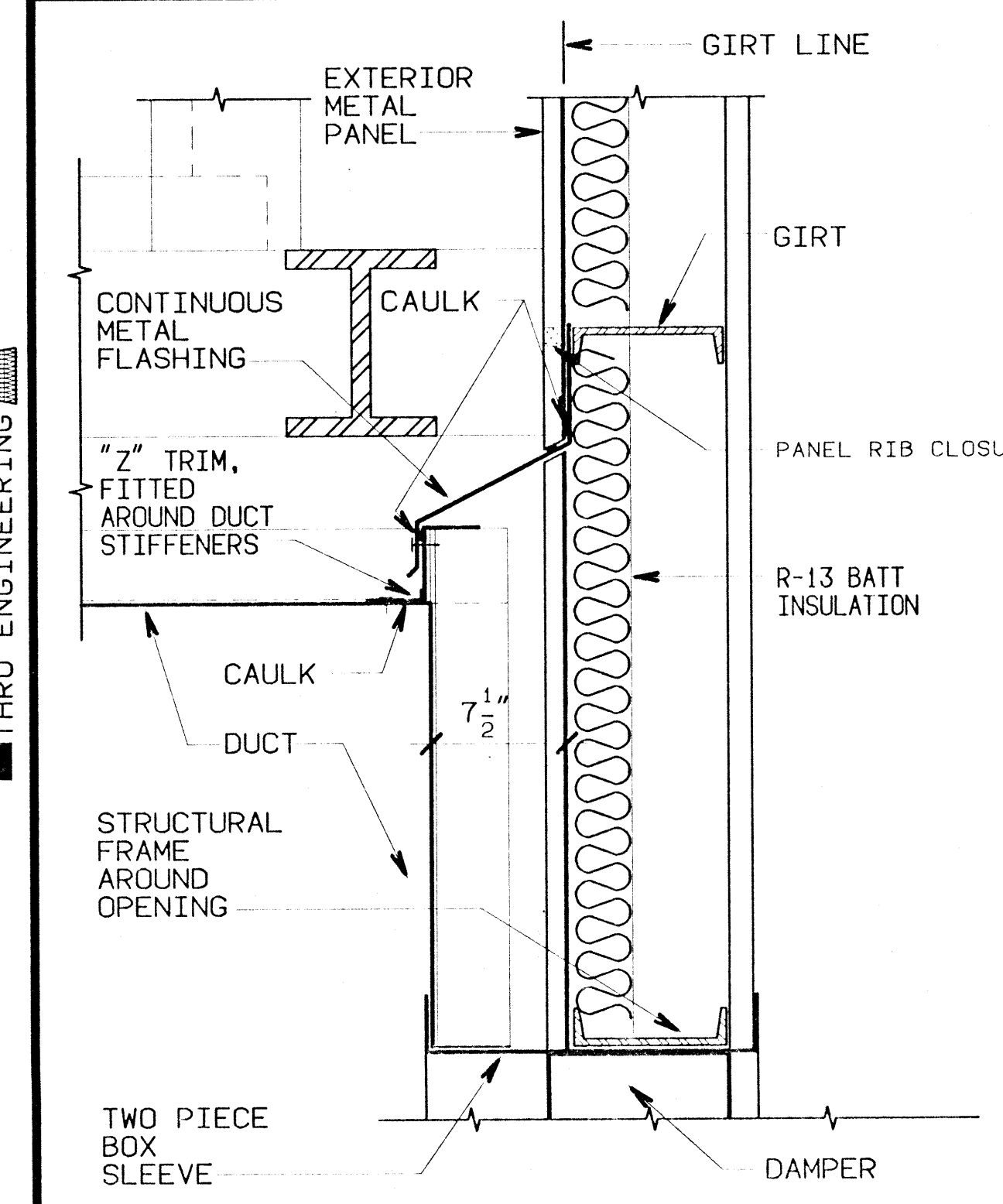
COLUMN DETAIL

SCALE: 3" = 1'-0"



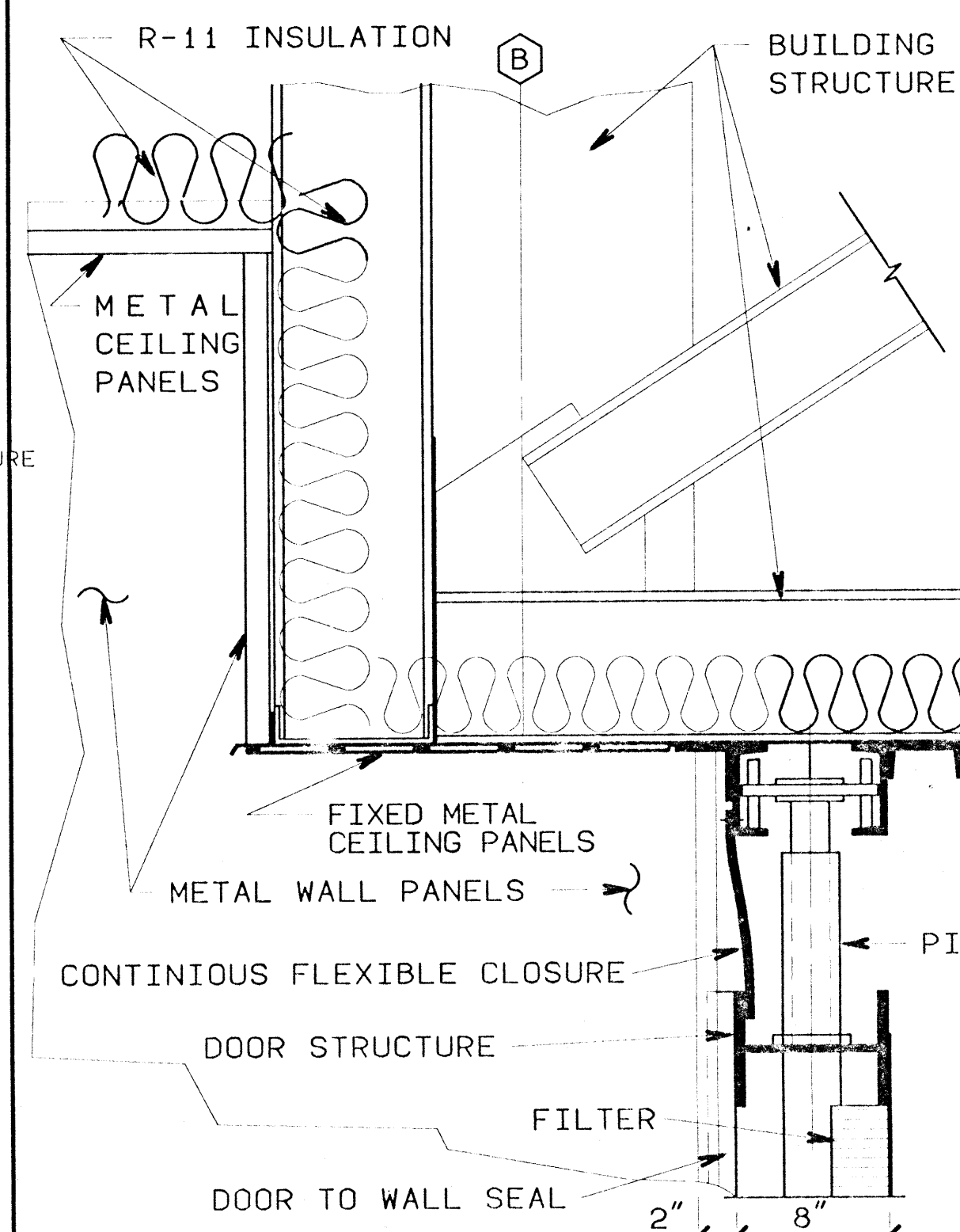
DETAIL

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



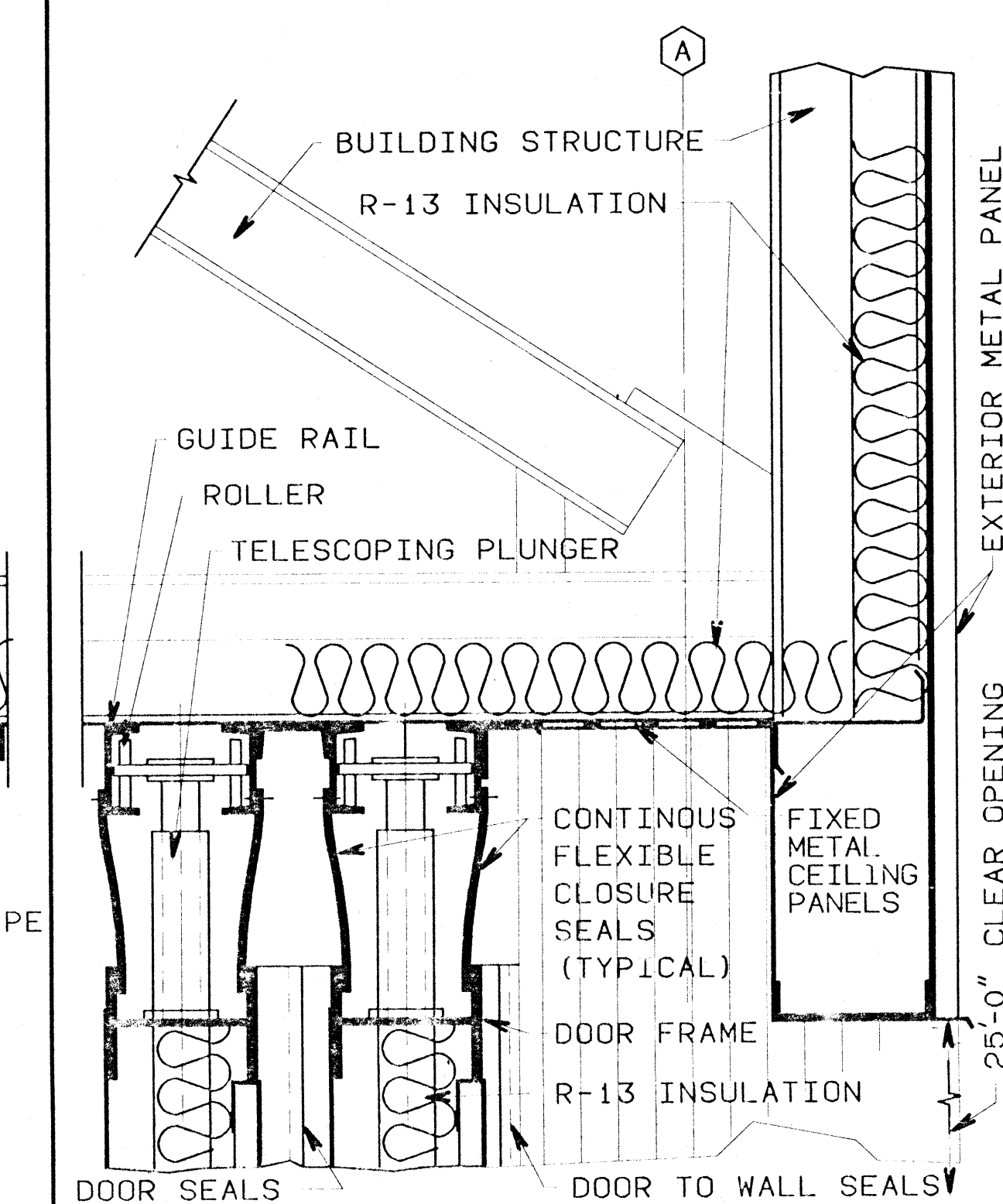
FLASHING DETAIL

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



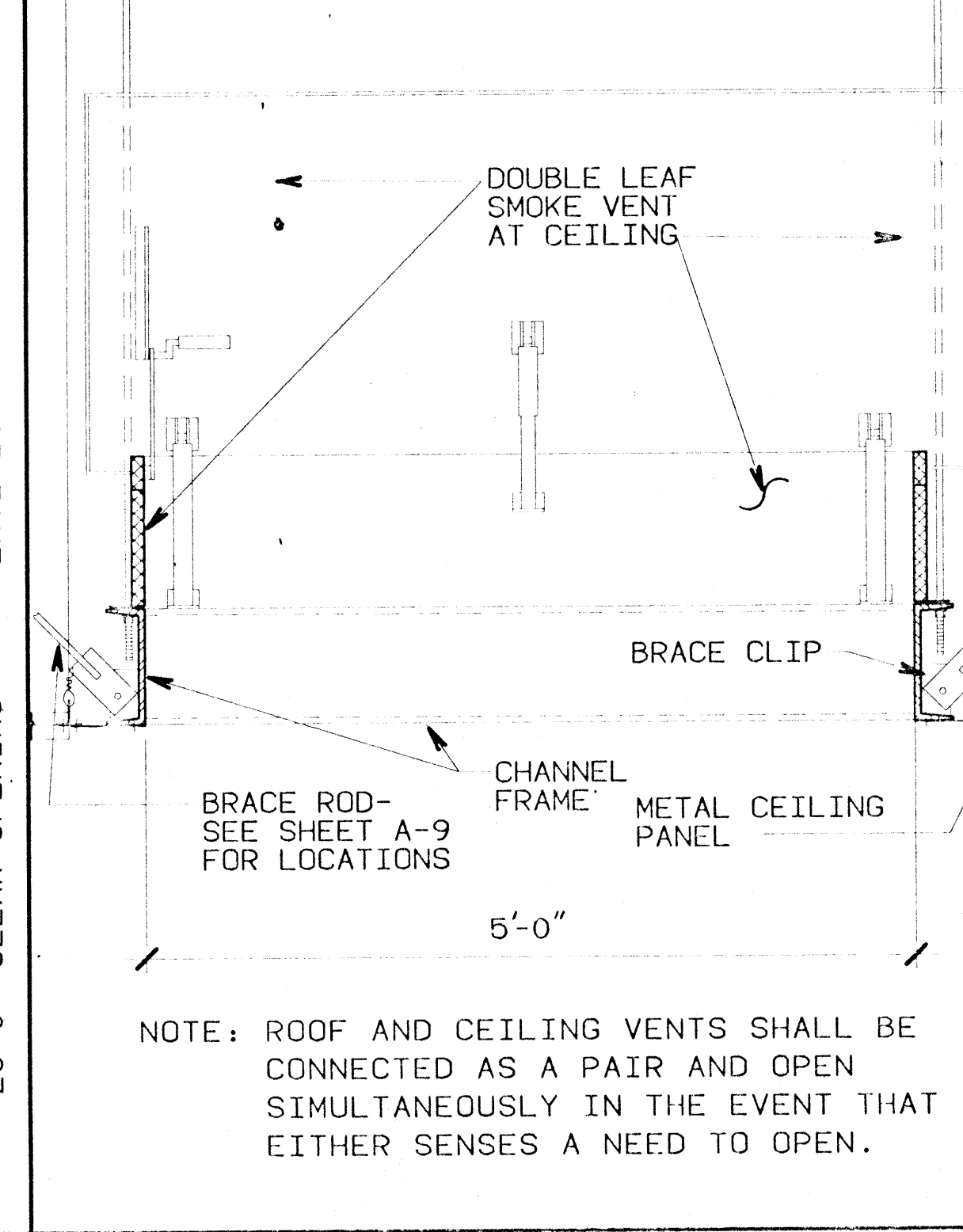
DETAIL

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



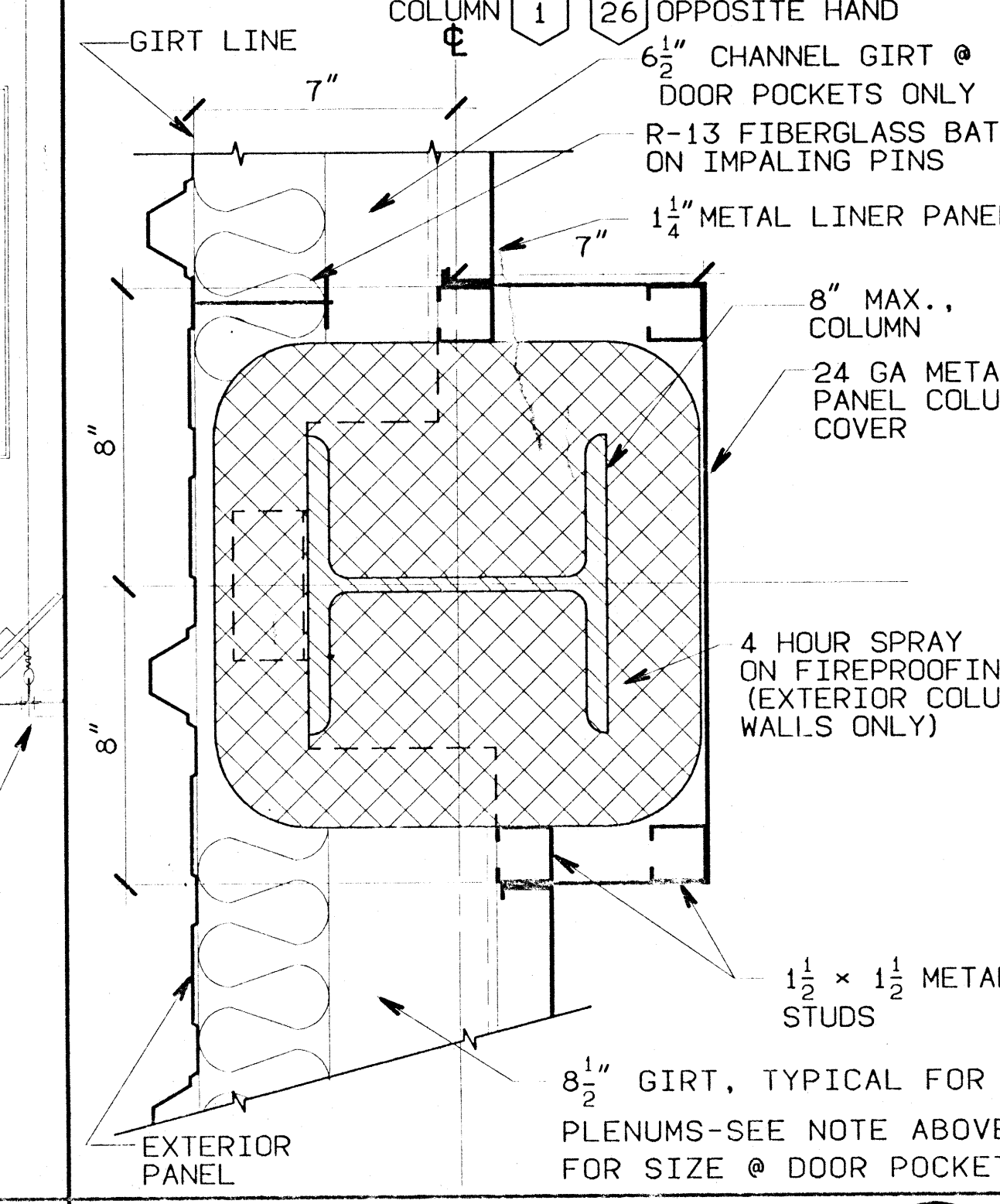
DETAIL

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



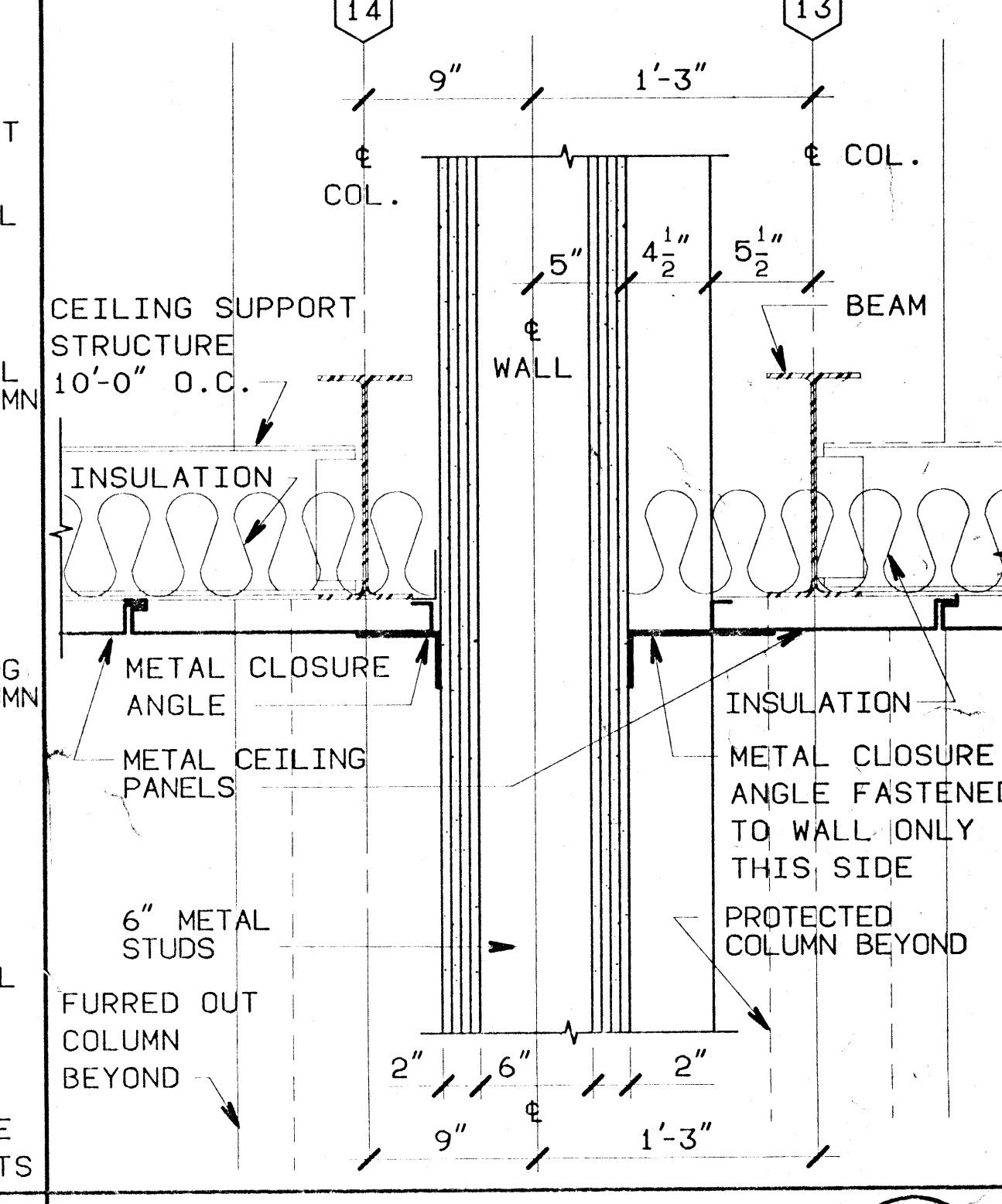
SMOKE VENT - SECTION

SCALE: 1" = 1'-0"



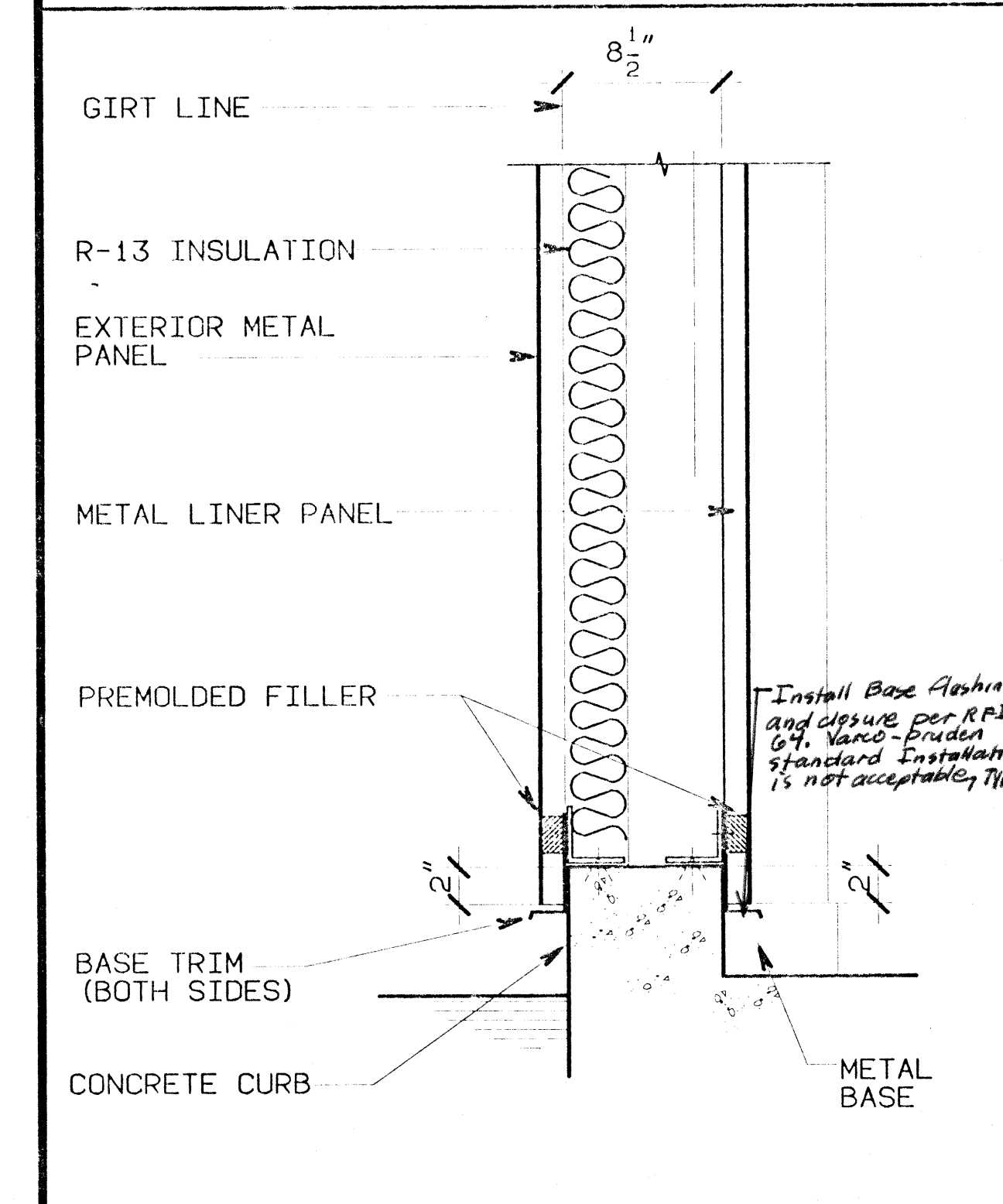
EXTERIOR COLUMN DETAIL

SCALE: 3" = 1'-0"



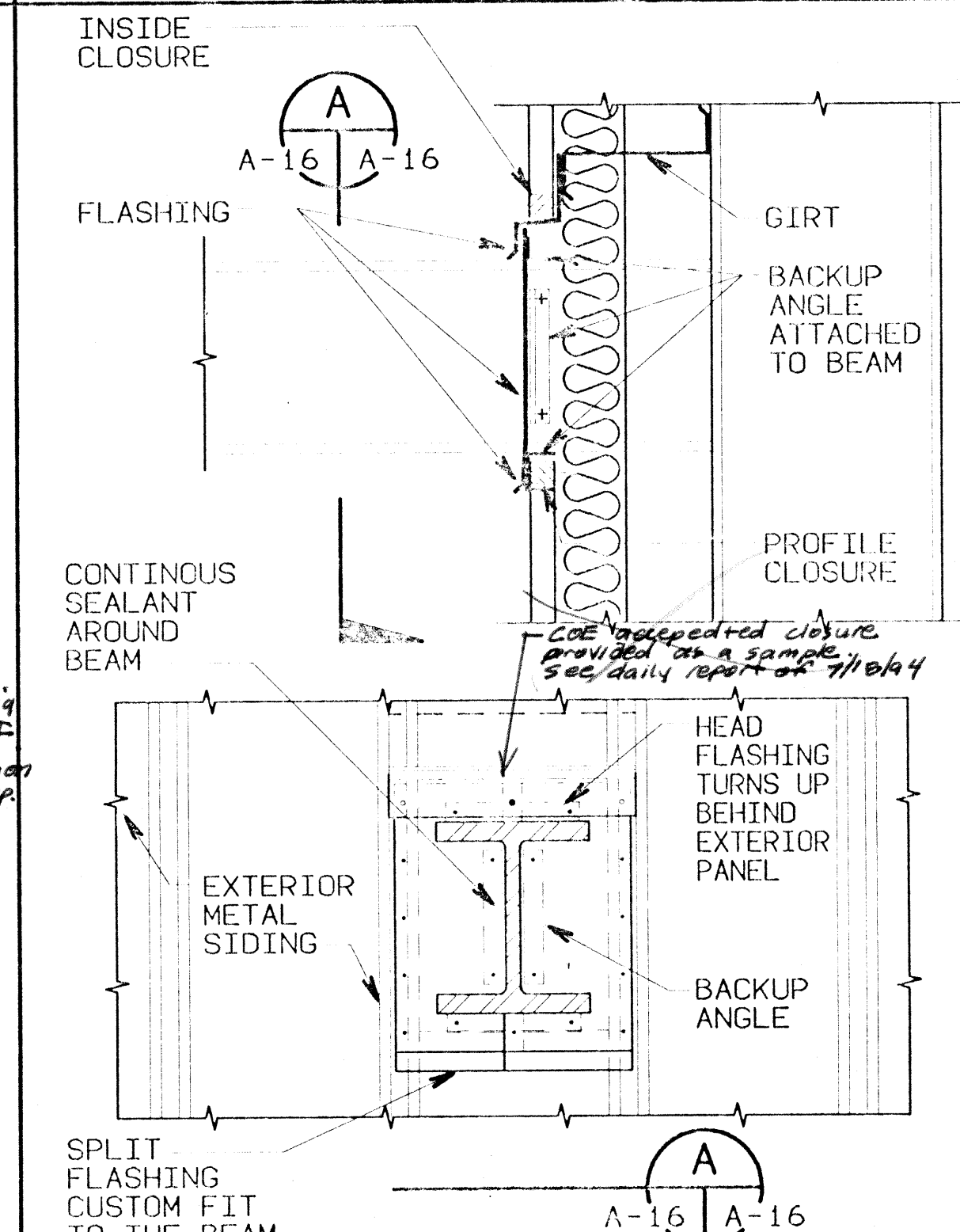
SUPPLY PLENUM CEILING

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



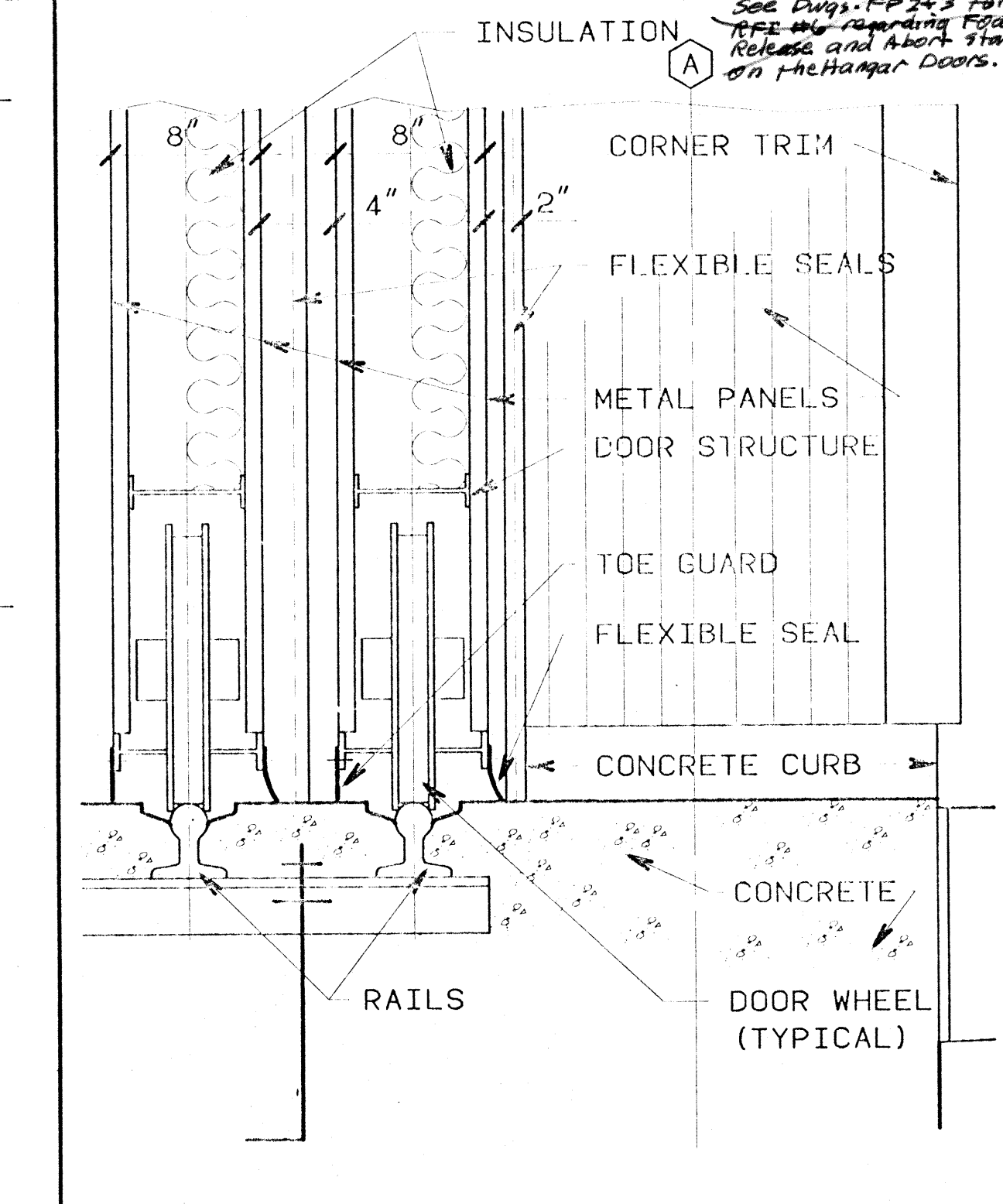
BASE DETAIL

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



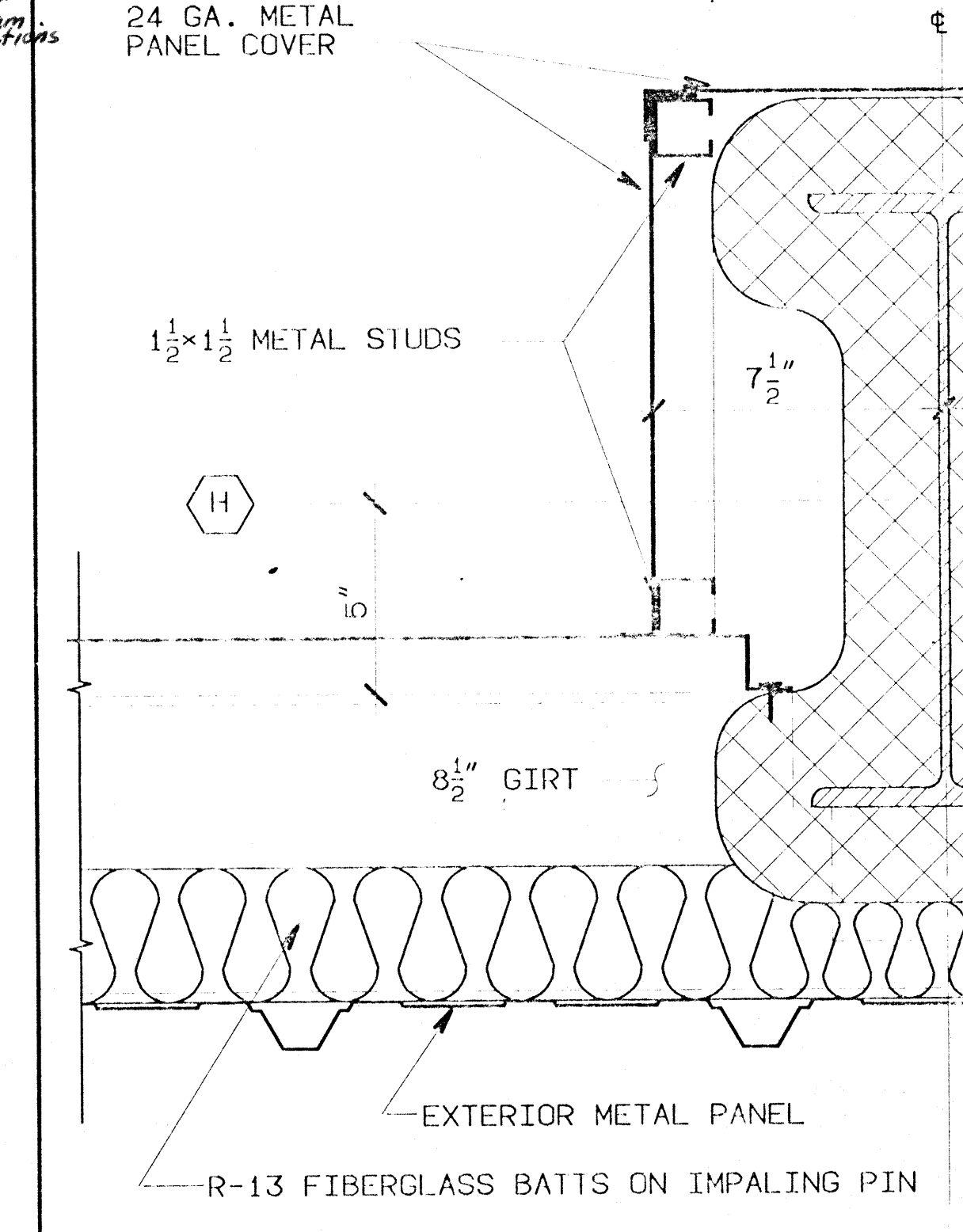
STRUCTURAL PENETRATION AT WALL

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



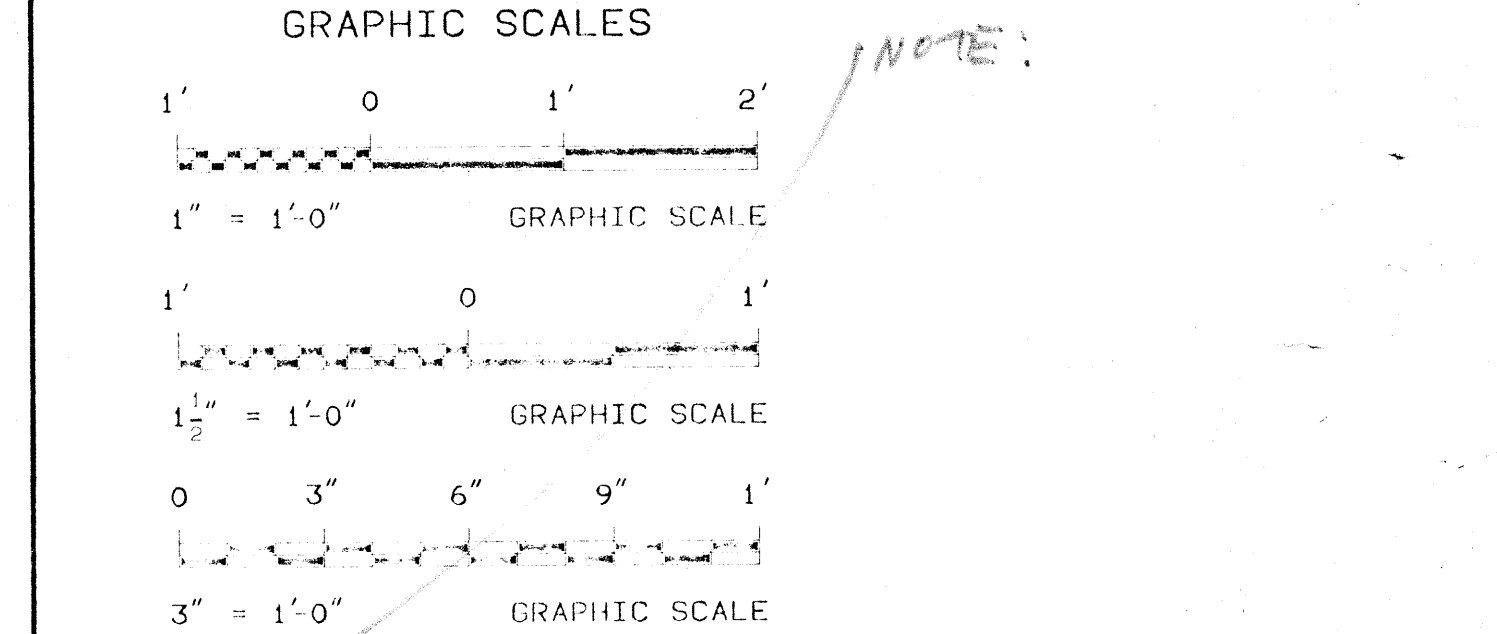
DETAIL

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



END WALL COLUMN DETAIL

SCALE: 3" = 1'-0"



REVISION	DATE	DESCRIPTION	BY	DATE
11/25/92	CHANGED STEEL BLOCKING, ADDED NOTE		OA	
NORMAN ENGINEERING CO. CONSULTING ENGINEERS 1000 J STREET, SUITE 100 SACRAMENTO, CALIFORNIA 95811				
DEPARTMENT OF THE ARMY SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA				
DESIGNED BY	J. MACIEJUNES	PROJECT	MCCLELLAN AIR FORCE BASE	CALIFORNIA
DRAWN BY	J. LOVE	PROJECT	ADAL DEPOT CORROSION CONTROL FACILITY	
CHECKED BY	O. ATIENZA	PROJECT	NEW AIRCRAFT PAINT FACILITY	
WALL DETAILS-3				
DATE APPROVED	9/30/92	SCALE	AS NOTED	SPEC. No. 8529
SHEET	A-16	FILE No.	100-25-2051	

FINISH SCHEDULE

REV	ROOM NUMBER	ROOM NAME	FINISH FLOOR	BASE	WALLS				CEILING		WAINSCOT 3'-8" H.	MISC	REMARKS
					N	E	S	W	MATERIAL	HEIGHT			
	101	PAINT CELL #1	CONC 1	CONC 2	P2-PMP	P2-SF	P2-PMP	P2-SF	MPC 2	28'-6"	-	-	W/NON METALLIC, LIGHT REF COAT
	102	SUPPLY AIR PLENUM	CONC 2	MB&RB1	GMP *	GMP	GMP *	GMP *	MPC 1	30'-0"	-	C & T	STS-GWB @ COLUMNS, RB1 @ GWB WALL
	103	CORRIDOR	CONC 3	RB1	P1-GWB	P1-GWB	P1-GWB	P1-GWB	P2-GWB	8'-0"	-	-	
	104	EXHAUST PLENUM	CONC 2	MB&RB1	STS-GWB	GMP	STS-GWB	P2-SF	MPC 1	28'-6"	-	C & T *	C & T EASTWALL, RB1 @ GWB WALL
	105	CORRIDOR	CONC 3	RB1	P1-GWB	P1-GWB	P1-GWB	P1-GWB	P2-GWB	9'-0"	-	-	
	106	EXHAUST PLENUM	CONC 2	MB&RB1	STS-GWB	GMP	STS-GWB	P2-SF	MPC 1	28'-6"	-	C & T *	C & T EASTWALL, RB1 @ GWB WALL
	107	CORRIDOR	CONC 3	RB1	P1-GWB	P1-GWB	P1-GWB	P1-GWB	P2-GWB	8'-0"	-	-	
	108	AIR BATH	CONC 4	-	P1-GWB	-	P1-GWB	-	P2-GWB	10'-0"	-	-	
	109	(NOT USED)	-	-	-	-	-	-	-	-	-	-	
	110	SUPPLY AIR PLENUM	CONC 2	MB&RB1	STS-GWB	GMP	GMP *	GMP *	MPC 1	30'-0"	-	C & T	STS-GWB @ COLUMNS
	111	PAINT CELL #2	CONC 1	CONC 2	P2-PMP	P2-SF	P2-PMP	P2-SF	MPC 2	28'-6"	-	-	W/NON METALLIC, LIGHT REF COAT
	112	SUPPLY AIR PLENUM	CONC 2	MB&RB1	GMP *	GMP	STS-GWB	GMP *	MPC 1	30'-0"	-	C & T	STS-GWB @ COLUMNS
	113	(NOT USED)	-	-	-	-	-	-	-	-	-	-	
	114	AIR BATH	CONC 4	-	P1-GWB	-	P1-GWB	-	P2-GWB	10'-0"	-	-	
	115	CORRIDOR	CONC 3	RB1	P1-GWB	P1-GWB	P1-GWB	P1-GWB	P2-GWB	8'-0"	-	-	
	116	EXHAUST PLENUM	CONC 2	MB&RB1	STS-GWB	GMP	STS-GWB	P2-SF	MPC 1	28'-6"	-	C & T *	C & T EASTWALL, RB1 @ GWB WALL
	117	CORRIDOR	CONC 3	RB1	P1-GWB	P1-GWB	P1-GWB	P1-GWB	P2-GWB	9'-0"	-	-	
	118	EXHAUST PLENUM	CONC 2	MB&RB1	STS-GWB	GMP	STS-GWB	P2-SF	MPC 1	28'-6"	-	C & T *	C & T EASTWALL, RB1 @ GWB WALL
	119	CORRIDOR	CONC 3	RB1	P1-GWB	P1-GWB	P1-GWB	P1-GWB	P2-GWB	8'-0"	-	-	
	120	SUPPLY AIR PLENUM	CONC 2	MB&RB1	GMP	GMP	GMP *	GMP *	MPC 1	30'-0"	-	C & T	STS-GWB @ COLUMNS, RB1 @ GWB WALL
	121	OFFICE	C-CONC 5	RB2	VWC	VWC	VWC	VWC	AC *	8'-0"	-	-	CLG. SOUND RATING OF (STC) 42 MIN.
	122	WOMEN	CT2-CONC 2	CT4	CT4/P2	CT4	P2-GWB	CT4/P2	P2-CP	8'-0"	CT4	TP 2	SEE A-5 FOR WAINSCOT LOCATIONS
	123	JANITOR	CT2-CONC 2	CT3	CT3	CT3	CT3	CT3	P2-CP	8'-0"	-	TP 1	SEE A-5 FOR WAINSCOT LOCATIONS
	124	MEN	CT2-CONC 2	CT3	CT3/P2	CT3/P2	P2-GWB	P2-CP	P2-CP	8'-0"	CT3	TP 1	SEE A-5 FOR WAINSCOT LOCATIONS
	125	BREAK ROOM	CT2-CONC 2	RB1	P3-GWB	P3-GWB	P3-GWB	P3-GWB	AC *	8'-0"	-	-	CLG. SOUND RATING OF (STC) 42 MIN.
	126	STORAGE	CONC 3	RB1	P4-GWB	P4-GWB	P4-GWB	P4-GWB	EXP	VAR	-	-	
	127	TOOL CRIB	CONC 3	RB1	P4-GWB	X-CMU	P4-GWB	P4-GWB	EXP	VAR	-	-	
	128	PAINT MIXING ROOM	CONC 3	-	X-CMU	EXP *	X-CMU	X-CMU	EXP	VAR	-	-	EXPLOSION RELIEF WALL PANEL
	129	PAINT STORAGE	CONC 3	-	P2-GWB	P2-GWB	P2-GWB	P2-GWB	EXP	VAR	-	-	
	130	CORRIDOR	VCT-CONC 5	RB1	P4-GWB	P4-GWB	P4-GWB	P4-GWB	P2-GWB	8'-0"	-	-	

NOTE:

1. COLORS LISTED BY MANUFACTURERS ARE FOR IDENTIFICATION PURPOSES ONLY, AND ARE NOT INTENDED TO LIMIT SELECTIONS TO PRODUCTS BY MANUFACTURERS INDICATED. AN EXACT MATCH FOR MANUFACTURERS' COLORS IS NOT REQUIRED. THE SELECTIONS SERVE ONLY TO INDICATE THE COLOR WHICH THE MANUFACTURERS STANDARD MUST APPROACH.

2. SEE SPECIFICATION SECTION 03300, 3.8.2 FOR DESCRIPTION IN MEASURING TOLERANCES.

COLOR FINISH LEGEND:

AC: ACOUSTICAL CEILING

AC: ARMSTRONG CORK CO., FISSURED MINABOARD

C: CARPET

C: RCM INTERNATIONAL, POLYWEAVE, BEIGE

CT: CERAMIC TILE

CT 1: AMERICAN OLEAN TILE, SP 8130, A13 WHITE,
R18 MARINE, R19 AEGEAN
CT 2: AMERICAN OLEAN TILE, P198, A14 ALMOND,
A27 SAND, A55 DOE, A28 DUNE
CT 3: AMERICAN OLEAN TILE, #80, STERLING SILVER
CT 4: AMERICAN OLEAN TILE, #87, ALMOND

MPC: METAL PANEL CEILING

MPC 1: BERRIDGE, FLUSH SEAM PANEL, WHITE
MPC 2: AMERICAN DECORATIVE CEILING,
VSI F41H, WHITE

P: PAINT

P 1: SINCLAIR, CM8127
P 2: SINCLAIR, WHITE
P 3: SINCLAIR, ANTIQUE WHITE
P 4: SINCLAIR, NAVAJO WHITE

PMP: PREFINISHED METAL PANEL

PMP: E.G. SMITH, TRIMWALL, WHITE

RB: RESILIENT BASE

RB 1: ARMSTRONG, THIN-TOE PROFILE, 102 WALNUT
RB 2: ARMSTRONG, NO-TOE PROFILE, 102 WALNUT

NOTE:
See note on sheet A-6 for Handrails, Guardrails, Ladders,
+ stairs RCM PPE 150, DARK BROWN.

TP: TOILET PARTITIONS

TP 1: FEDERAL STANDARD COLOR 35109
TP 2: FEDERAL STANDARD COLOR 12215
Women's room color to be the same as Men's
color - AZURE. SEE SUBMITTAL 10160-1 COMMENTS.

VCT: VINYL COMPOSITION TILE

VCT: ARMSTRONG, STONETEX, 52128 DESERT DUST

VWC: VINYL WALL COVERING

VWC: SINCLAIR, MONTECITO, #121-10, WHIPPED CREAM

FINISH SCHEDULE CODE:

AC: ACOUSTICAL CEILING

C: CARPET

C&T: CAULK & TAPE JOINTS

CMU: CONCRETE MASONRY UNIT

CONC: CONCRETE

CONC 1: FLOAT W/ HARDENER, 1/8" TOL., VERY FLAT
CONC 2: FLOAT, CONVENTIONAL
CONC 3: TROWEL, 3/16" TOL., FLAT
CONC 4: FLOAT, 3/16" TOL., FLAT
CONC 5: TROWEL, 1/8" TOL., VERY FLAT

CP: CEMENT PLASTER

CT: CERAMIC TILE

E: EAST

EXP: EXPOSED (NO FINISH REQUIRED)

GMP: GALVANIZED METAL PANEL

GWB: GYPSUM WALLBOARD

MB: METAL BASE

MPC: METAL PANEL CEILING

N: NORTH

REF: REFLECTIVE

P: PAINT

PMP: PREFINISHED METAL PANEL

RB: RESILIENT BASE

S: SOUTH

STS: SPACKLE, TAPE AND SEAL

SF: STRUCTURAL FRAME

TP: TOILET PARTITIONS

VAR: VARIES

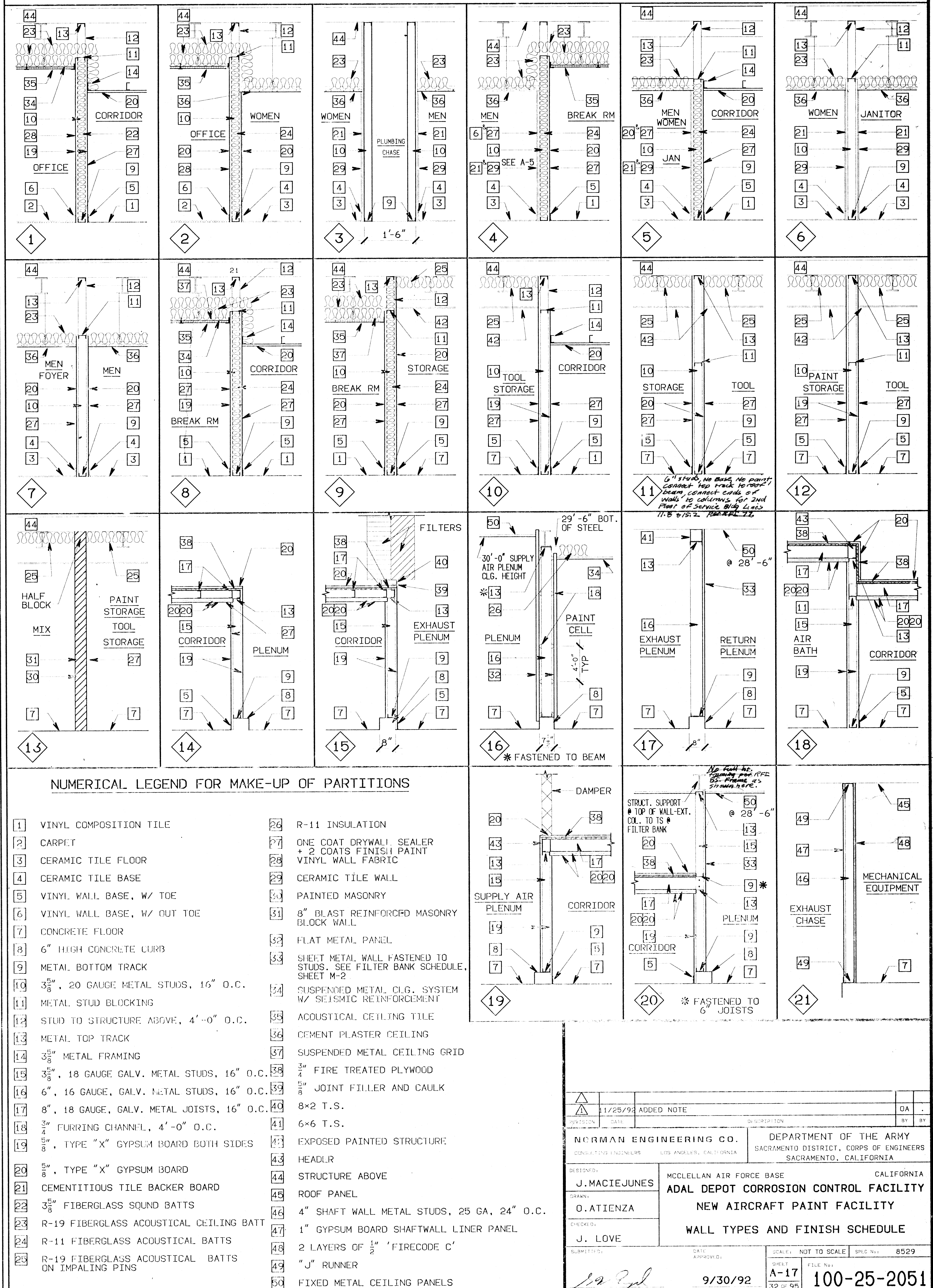
VCT: VINYL COMPOSITION TILE

VWC: VINYL WALL COVERING

W: WEST

*: SEE REMARKS

X: NO FINISH

WALL TYPES
(NOT TO SCALE)

NUMERICAL LEGEND FOR MAKE-UP OF PARTITIONS

- | | |
|---|---|
| 1 VINYL COMPOSITION TILE | 26 R-11 INSULATION |
| 2 CARPET | 27 ONE COAT DRYWALL, SEALER |
| 3 CERAMIC TILE FLOOR | + 2 COATS FINISH PAINT |
| 4 CERAMIC TILE BASE | VINYL WALL FABRIC |
| 5 VINYL WALL BASE, W/ TOE | 28 CERAMIC TILE WALL |
| 6 VINYL WALL BASE, W/ OUT TOE | 29 PAINTED MASONRY |
| 7 CONCRETE FLOOR | 30 8" BLAST REINFORCED MASONRY |
| 8 6" HIGH CONCRETE CURB | BLOCK WALL |
| 9 METAL BOTTOM TRACK | 31 FLAT METAL PANEL |
| 10 3/8", 20 GAUGE METAL STUDS, 16" O.C. | 32 SHEET METAL WALL FASTENED TO |
| 11 METAL STUD BLOCKING | STUDS. SEE FILTER BANK SCHEDULE, |
| 12 STUD TO STRUCTURE ABOVE, 4'-0" O.C. | SHEET M-2 |
| 13 METAL TOP TRACK | 33 SUSPENDED METAL CLG. SYSTEM |
| 14 3/8" METAL FRAMING | W/ SEISMIC REINFORCEMENT |
| 15 3/8", 18 GAUGE GALV. METAL STUDS, 16" O.C. | 34 ACOUSTICAL CEILING TILE |
| 16 6", 16 GAUGE, GALV. METAL JOISTS, 16" O.C. | 35 CEMENT PLASTER CEILING |
| 17 8", 18 GAUGE, GALV. METAL JOISTS, 16" O.C. | 36 SUSPENDED METAL CEILING GRID |
| 18 3/4" FURRING CHANNEL, 4'-0" O.C. | 37 3/4" FIRE TREATED PLYWOOD |
| 19 3/8" TYPE "X" GYPSUM BOARD BOTH SIDES | 38 3/8" JOINT FILLER AND CAULK |
| 20 5/8" TYPE "X" GYPSUM BOARD | 39 8x2 T.S. |
| 21 CEMENTITIOUS TILE BACKER BOARD | 40 6x6 T.S. |
| 22 3/8" FIBERGLASS SOUND BATTS | 41 EXPOSED PAINTED STRUCTURE |
| 23 R-19 FIBERGLASS ACOUSTICAL CEILING BATT | 42 HEADLR |
| 24 R-11 FIBERGLASS ACOUSTICAL BATTS | 43 STRUCTURE ABOVE |
| 25 R-19 FIBERGLASS ACOUSTICAL BATTS | 44 ROOF PANEL |
| ON IMPALING PINS | 45 4" SHAFT WALL METAL STUDS, 25 GA, 24" O.C. |
| | 46 1" GYPSUM BOARD SHAFTWALL LINER PANEL |
| | 47 2 LAYERS OF 1/2" FIRECODE C' |
| | 48 "J" RUNNER |
| | 49 FIXED METAL CEILING PANELS |

DESIGNER	DATE	ADDED NOTE	BY
J. MACIEJUNES	9/30/92		
CHECKED	DATE	FILE NO.	SPD NO.
J. LOVE	9/30/92	A-17	8529
SUBMITTED		SCALE: NOT TO SCALE	
APPROVED		FILE NO. 100-25-2051	

DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

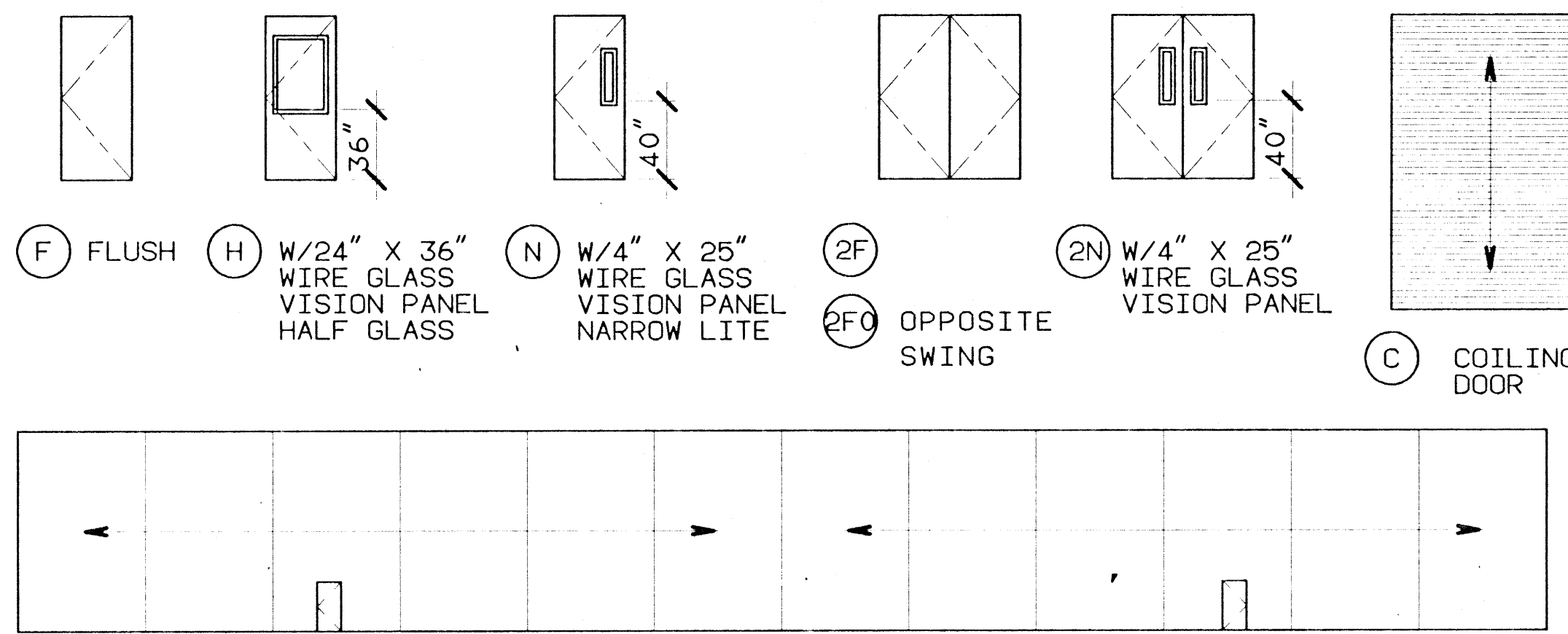
DESIGN: MCCLELLAN AIR FORCE BASE
ADAL DEPOT CORROSION CONTROL FACILITY
NEW AIRCRAFT PAINT FACILITY
WALL TYPES AND FINISH SCHEDULE

Am-2 13A

DOOR SCHEDULE

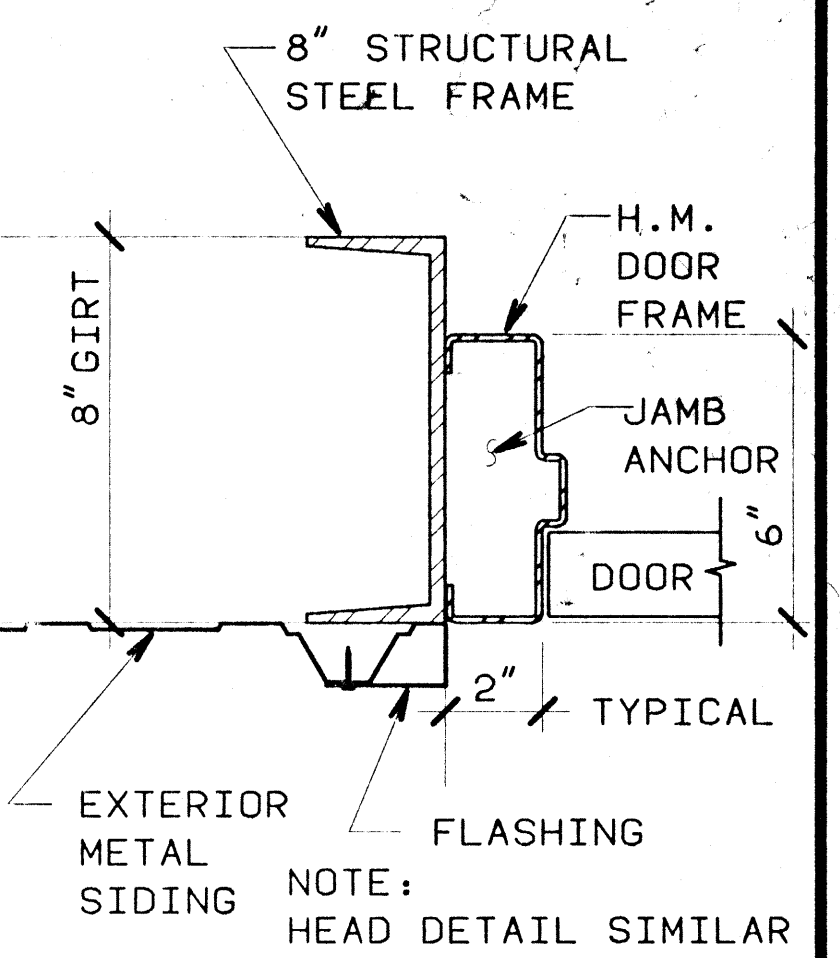
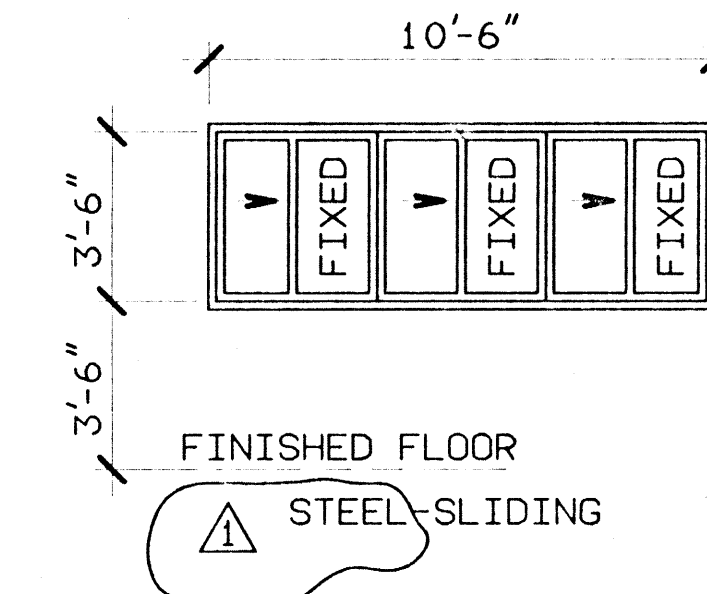
REV	DOORS TYPE						FRAME **					REMARKS
	DOOR NO.	SIZE	MATERIAL	TYPE	FINISH	RATING	MATERIAL	GAUGE	HEAD	JAMB	SILL	
	101	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	9/A-18	9/A-18	—	INSULATED DOOR & FRAMES BY HANGAR DOOR MFR.
	102	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	8/A-18	8/A-18	—	FRAMES BY HANGAR DOOR MFR.
	103	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	SOUND RATED
	104	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	2/A-18	2/A-18	—	4
	104A	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	10 SOUND RATED
	105	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	106	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	13
	107	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2FO	PAINT	—	STEEL	16	14/A-18	14/A-18	—	9
	108	2'-3'-0" x 8'-0" x 1 3/4"	STEEL	2N	PAINT	20 MIN	STEEL	16	2/A-18	2/A-18	—	6
	109	2'-3'-0" x 8'-0" x 1 3/4"	STEEL	2N	PAINT	—	STEEL	16	3/A-18	3/A-18	—	7
	110	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2FO	PAINT	—	STEEL	16	14/A-18	14/A-18	—	9
	111	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	12/A-18	12/A-18	—	13
	112	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	2/A-18	2/A-18	—	4
	112A	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	10 SOUND RATED
	113	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	114	3'-0" x 7'-0" x 1 3/4"	STEEL	—	PAINT	20 MIN	STEEL	—	—	—	—	SUPPLIED WITH AIR BATH <i>No locks required per RFP 156.</i>
	115	3'-0" x 7'-0" x 1 3/4"	STEEL	—	PAINT	—	STEEL	—	—	—	—	SUPPLIED WITH AIR BATH
	116	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	14
	117	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	8/A-18	8/A-18	—	2
	118	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	9/A-18	9/A-18	—	1
	119	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	9/A-18	9/A-18	—	1
	120	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	8/A-18	8/A-18	—	2
	121	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	14
	122	3'-0" x 7'-0" x 1 3/4"	STEEL	—	PAINT	20 MIN	STEEL	—	—	—	—	SUPPLIED WITH AIR BATH <i>No locks required per RFP 156.</i>
	123	3'-0" x 7'-0" x 1 3/4"	STEEL	—	PAINT	—	STEEL	—	—	—	—	SUPPLIED WITH AIR BATH
	124	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	2/A-18	2/A-18	—	4
	124A	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	10
	125	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	126	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2FO	PAINT	—	STEEL	16	14/A-18	14/A-18	—	9
	127	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	12/A-18	12/A-18	—	13
	128	2'-3'-0" x 8'-0" x 1 3/4"	STEEL	2N	PAINT	20 MIN	STEEL	16	2/A-18	2/A-18	—	6
	129	2'-3'-0" x 8'-0" x 1 3/4"	STEEL	2N	PAINT	—	STEEL	16	3/A-18	3/A-18	—	7
	130	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	12/A-18	12/A-18	—	13
	131	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2FO	PAINT	—	STEEL	16	14/A-18	14/A-18	—	9
	132	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	2/A-18	2/A-18	—	4
	132A	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	10
	133	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	134	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	7/A-18	7/A-18	—	14
	135	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	8/A-18	8/A-18	—	2
	136	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	9/A-18	9/A-18	—	1
	137	3'-0" x 7'-0" x 1 3/4"	STEEL	N	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	138	3'-0" x 7'-0" x 1 3/4"	STEEL	H	PAINT	—	STEEL	16	3/A-18	3/A-18	—	11
	139	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	11
	140	8'-0" x 8'-0"	STEEL	C	PAINT	—	STEEL	—	11/A-15	11/A-15	11/A-15	18 INSULATED & MOTORIZED
	141	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-15	3/A-15	—	5
	142	8'-0" x 8'-0"	STEEL	C	PAINT	—	STEEL	—	11/A-15	11/A-15	11/A-15	18 INSULATED & MOTORIZED
	143	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	144	2'-3'-0" x 7'-0" x 1 3/4"	STEEL	2F	PAINT	—	STEEL	16	3/A-18	3/A-18	—	13
	145	3'-0" x 7'-0" x 1 3/4"	STEEL	N	PAINT	—	STEEL	16	3/A-18	3/A-18	—	5
	146	3'-0" x 7'-0" x 1 3/4"	STEEL	N	PAINT	20 MIN	STEEL	16	4/A-18	4/A-18	—	12
	147	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	4/A-18	4/A-18	—	16
	148	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	45 MIN	STEEL	16	5/A-18	5/A-18	—	16
	149	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	20 MIN	STEEL	16	4/A-18	4/A-18	—	16
	150	3'-0" x 7'-0" x 1 3/4"	STEEL	N	PAINT	20 MIN	STEEL	16	4/A-18	4/A-18	—	17
	151	3'-0" x 7'-0" x 1 3/4"	STEEL	N	PAINT	20 MIN	STEEL	16	4/A-18	4/A-18	—	17
	152	3'-0" x 7'-0" x 1 3/4"	STEEL	N	PAINT	20 MIN	STEEL	16	4/A-18	4/A-18	—	17
	153	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	90 MIN	STEEL	16	4/A-18	4/A-18	—	3
	154	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	90 MIN	STEEL	•	6/A-18	11/A-18	13/A-18	• PRESSURE RESISTANT
	201	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	1/A-18	1/A-18	4/A-19	⑥ SOUND RATED <i>Provide fire type exit device in electric lock per RFP 156.</i>
	202	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	1/A-18	1/A-18	4/A-19	⑥ SOUND RATED
	203	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	10/A-15	10/A-15	—	15
	204	3'-0" x 7'-0" x 1 3/4"	STEEL	F	PAINT	—	STEEL	16	10/A-15	10/A-15	—	15
	H1	180' x 25' x 8"	STEEL	R	PAINT	—	STEEL	•	9/A-16	2/A-14	15/A-16	• INSULATED W/METAL PANELS BOTH SIDES
	H2	180' x 25' x 8"	STEEL	R	PAINT	—	STEEL	•	8/A-16	2/A-14	15/A-16	• STRUCTURAL FRAME WITH FILTERS
	H3	180' x 25' x 8"	STEEL	R	PAINT	—	STEEL	•	9/A-16	2/A-14	15/A-16	• INSULATED W/METAL PANELS BOTH SIDES
	H4	180' x 25' x 8"	STEEL	R	PAINT	—	STEEL	•	8/A-16	2/A-14	15/A-16	• STRUCTURAL FRAME WITH FILTERS
												SUPPLIED BY DOOR MANUFACTURER

DOOR TYPES

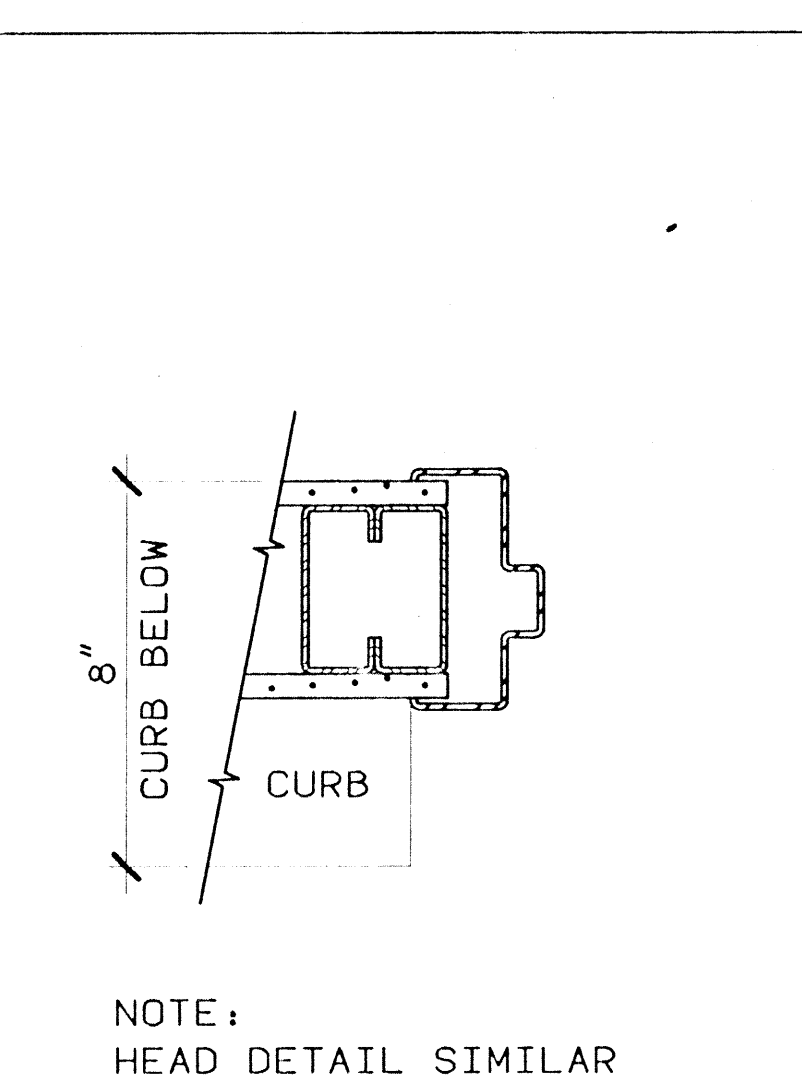


NOTES:
1. SEE DETAIL 4/A-14 FOR INSTALLATION & CONSTRUCTION OF TYPICAL EXTERIOR OPENINGS.
2. SEE INTERIOR SIGNAGE DETAILS 1 AND 2 ON A-8.

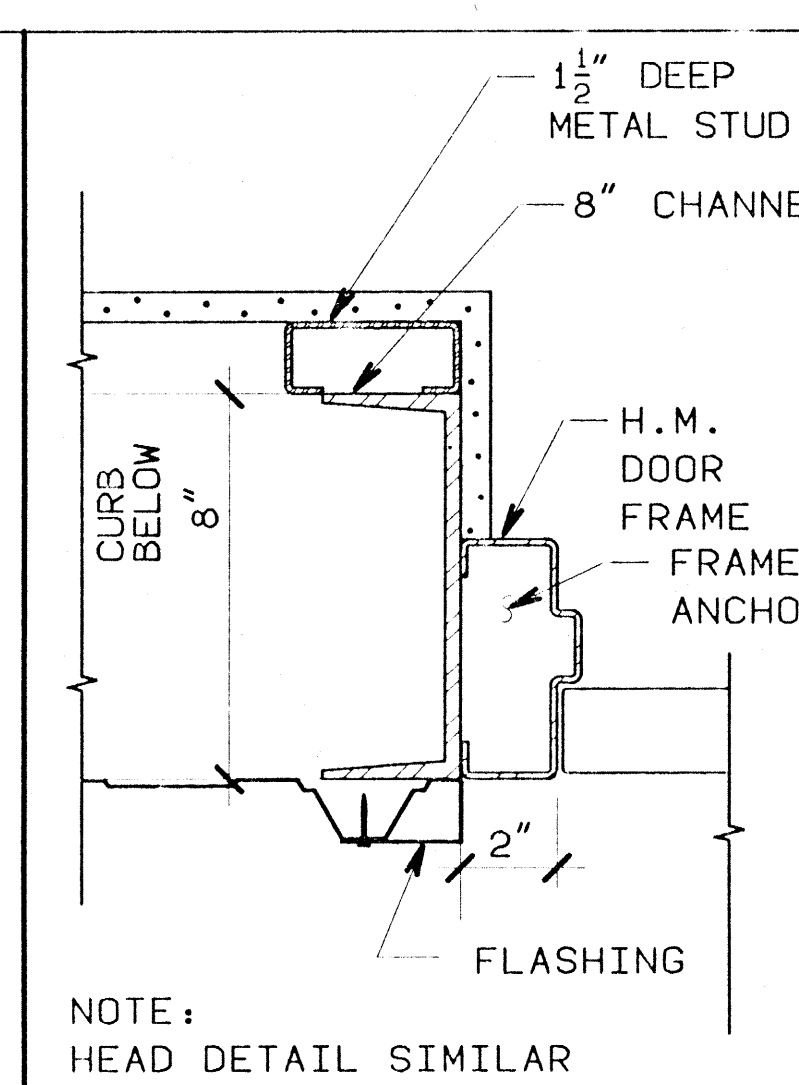
WINDOW TYPES



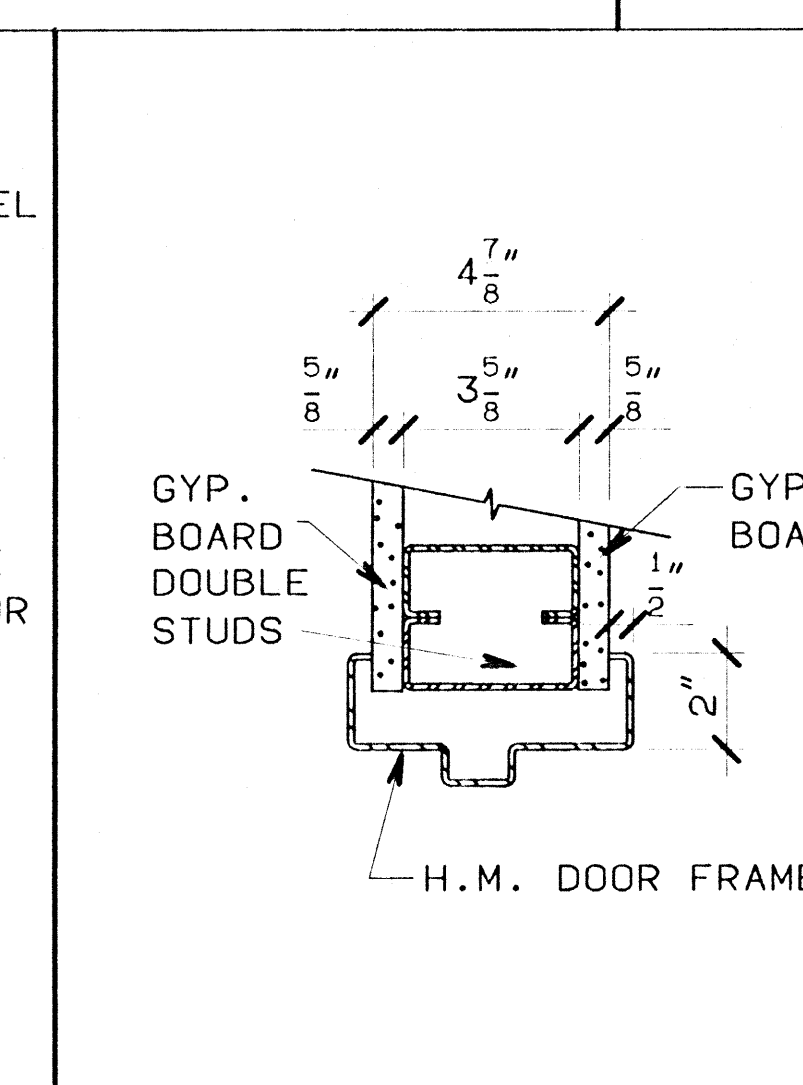
JAMB DETAIL 1
SCALE: 3" = 1'-0" A-18 A-18



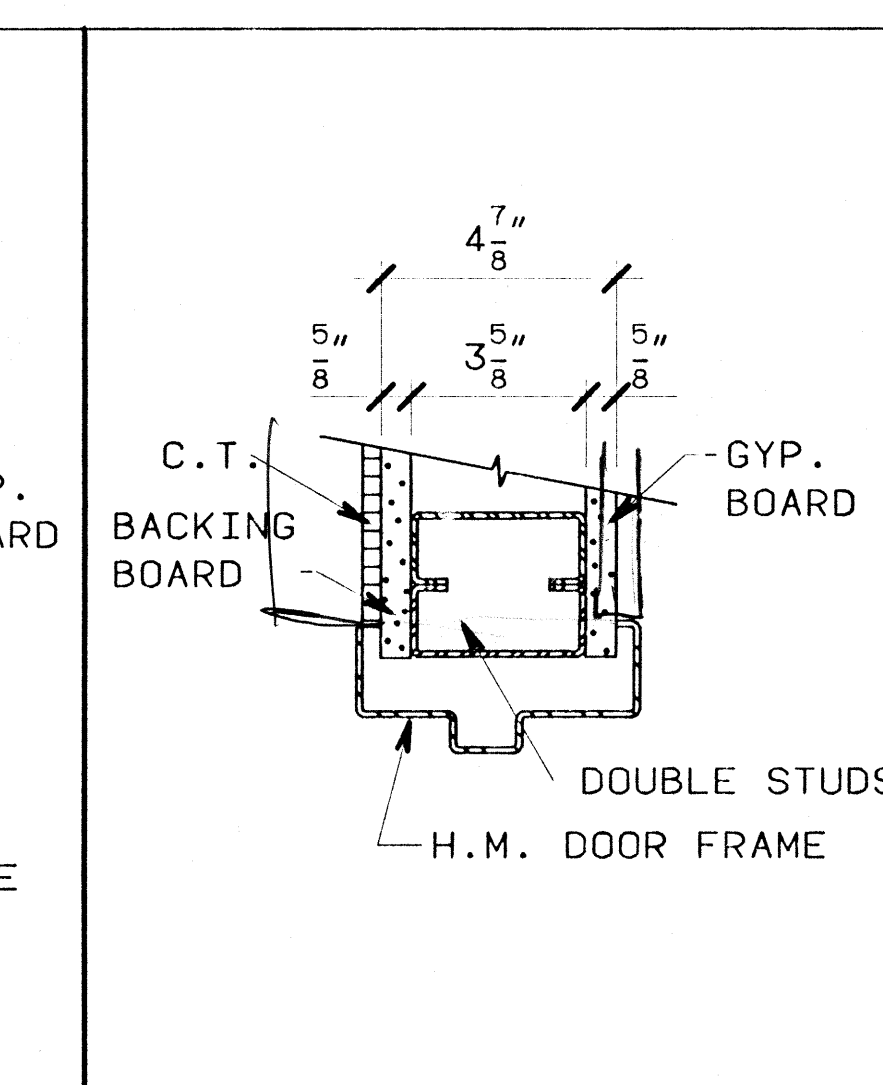
JAMB DETAIL 2
SCALE: 3" = 1'-0" A-18 A-18



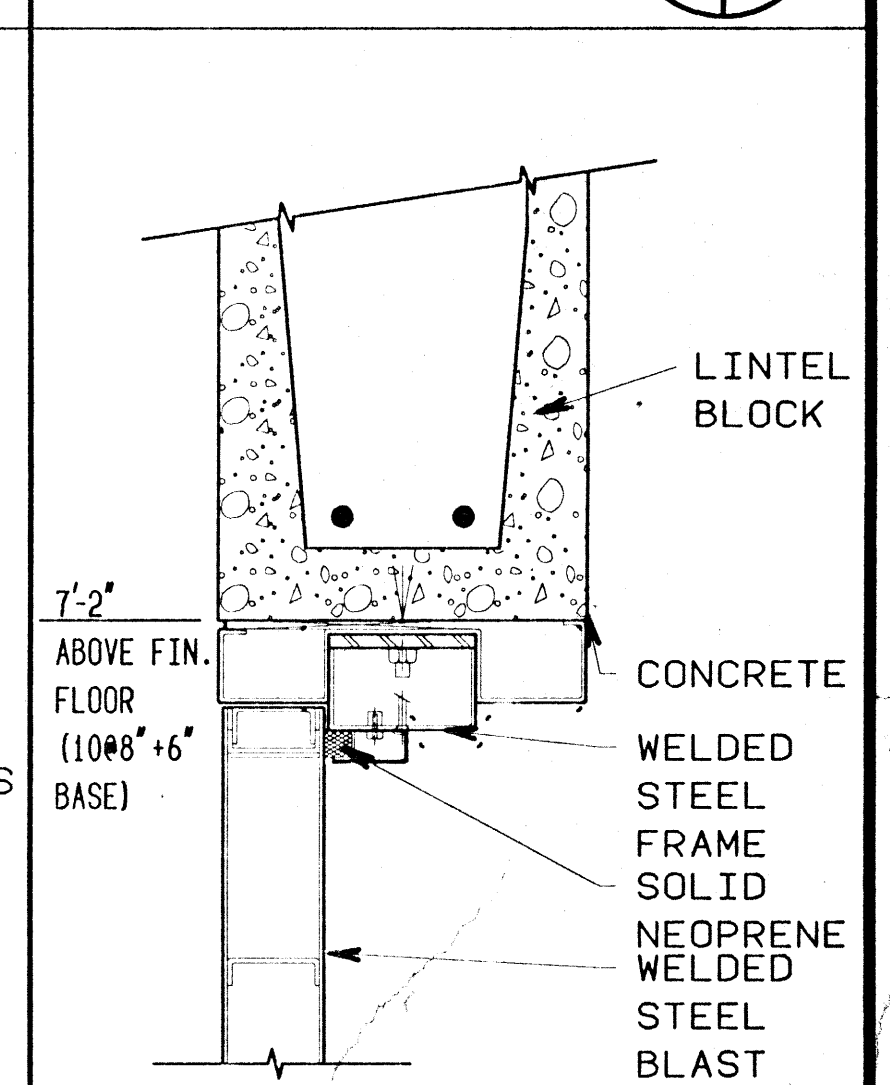
JAMB DETAIL 3
SCALE: 3" = 1'-0" A-18 A-18



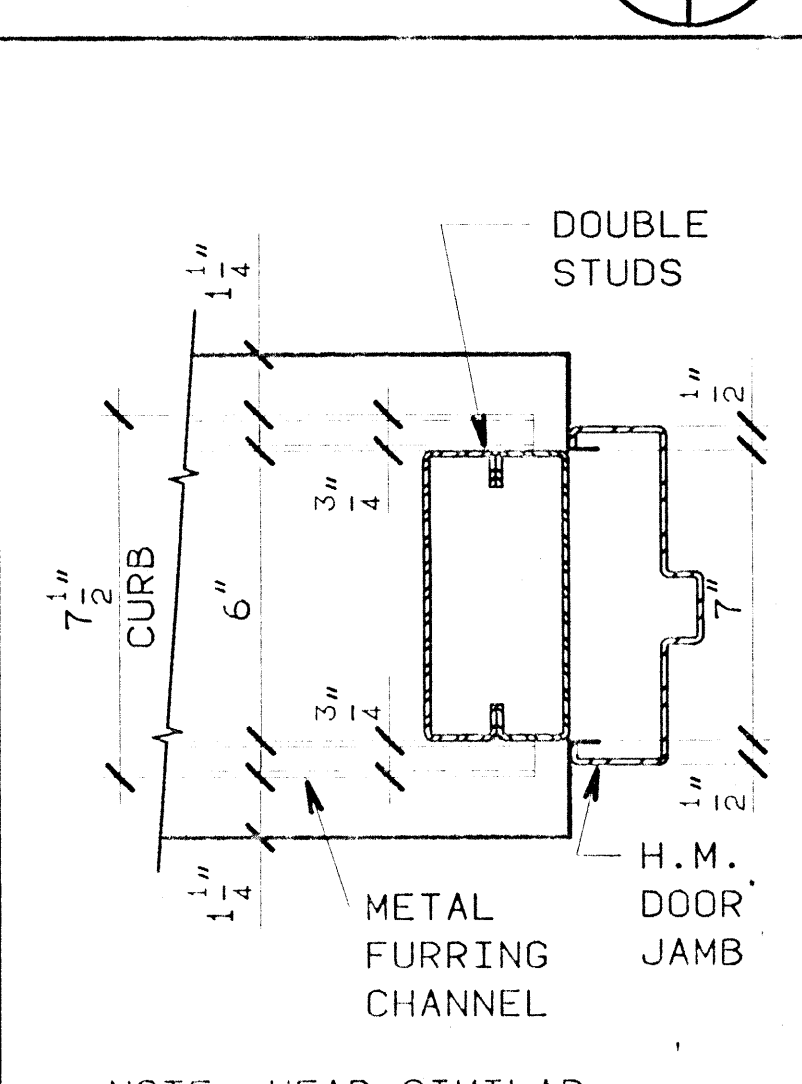
HEAD & JAMB DETAIL 4
SCALE: 3" = 1'-0" A-18 A-18



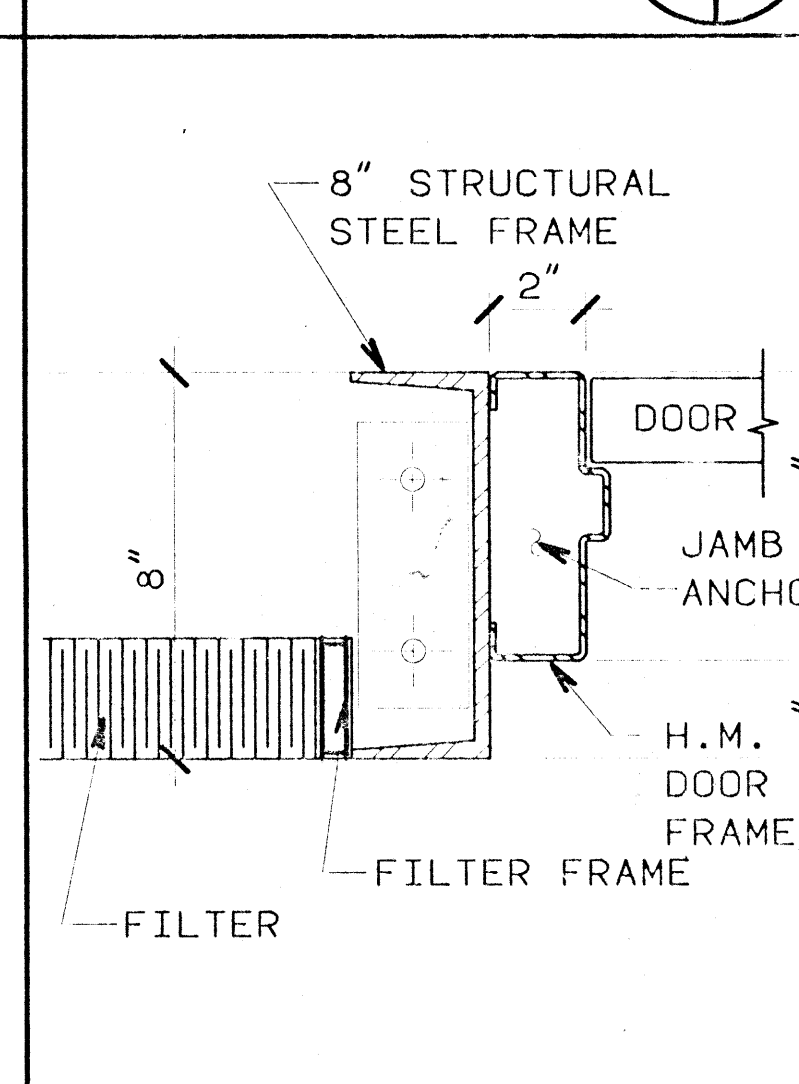
HEAD & JAMB DETAIL 5
SCALE: 3" = 1'-0" A-18 A-18



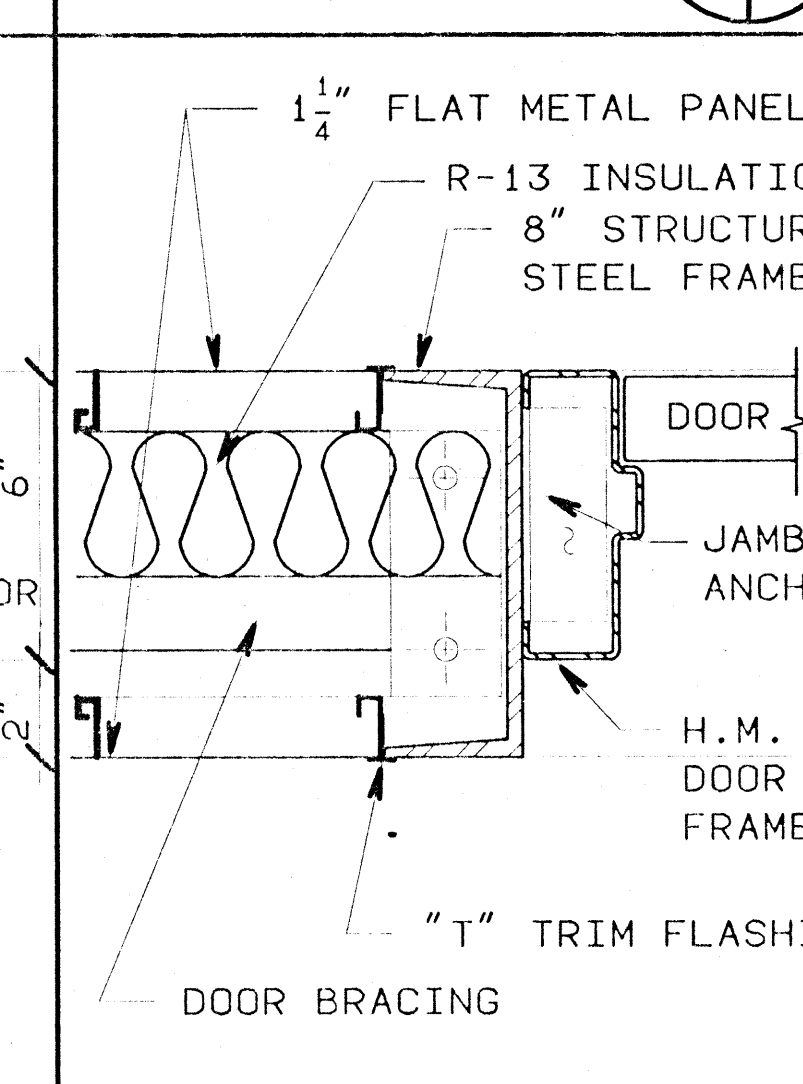
HEAD DETAIL 6
SCALE: 3" = 1'-0" A-18 A-18



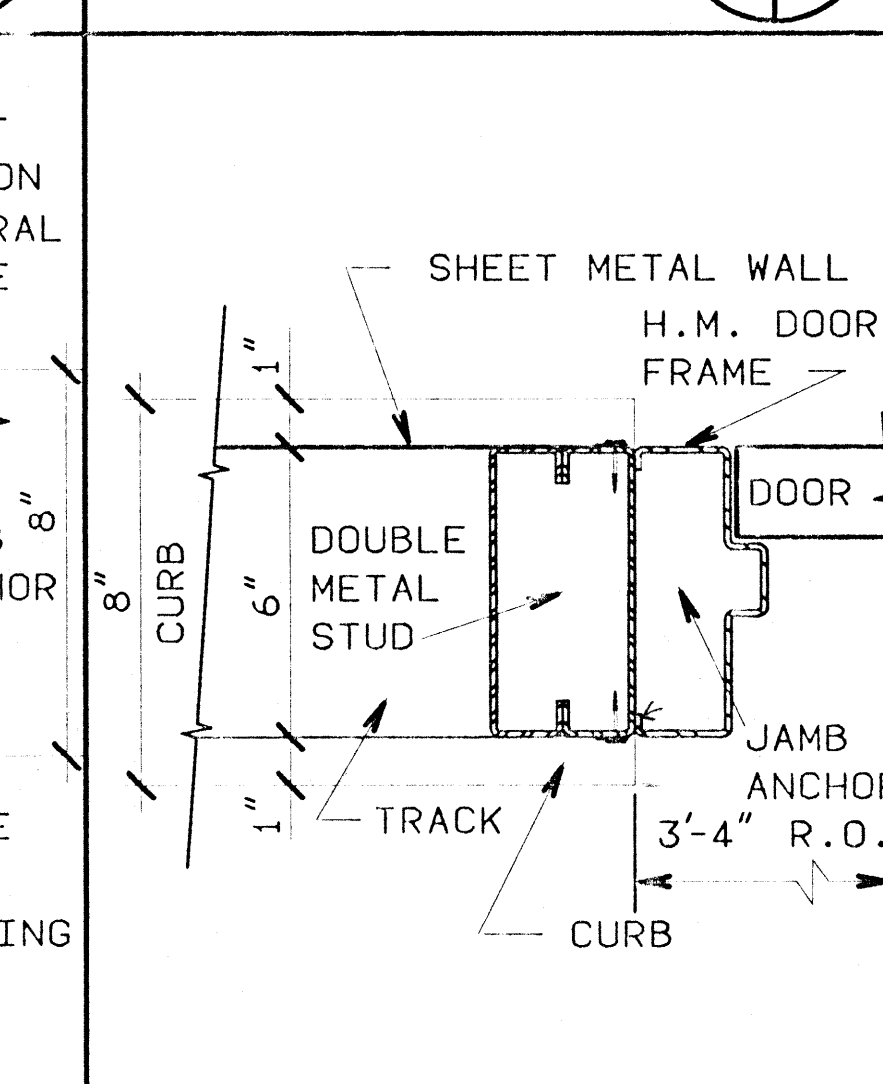
JAMB DETAIL 7
SCALE: 3" = 1'-0" A-18 A-18



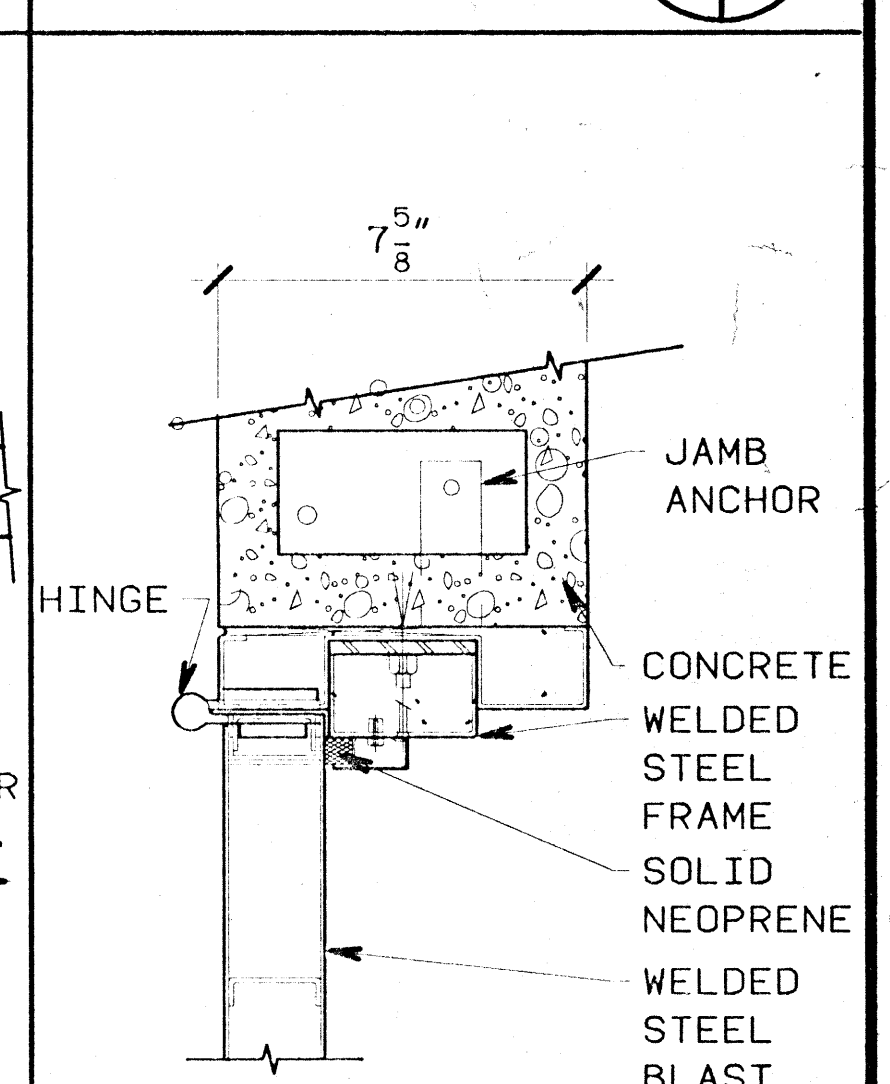
HEAD & JAMB DETAIL 8
SCALE: 3" = 1'-0" A-18 A-18



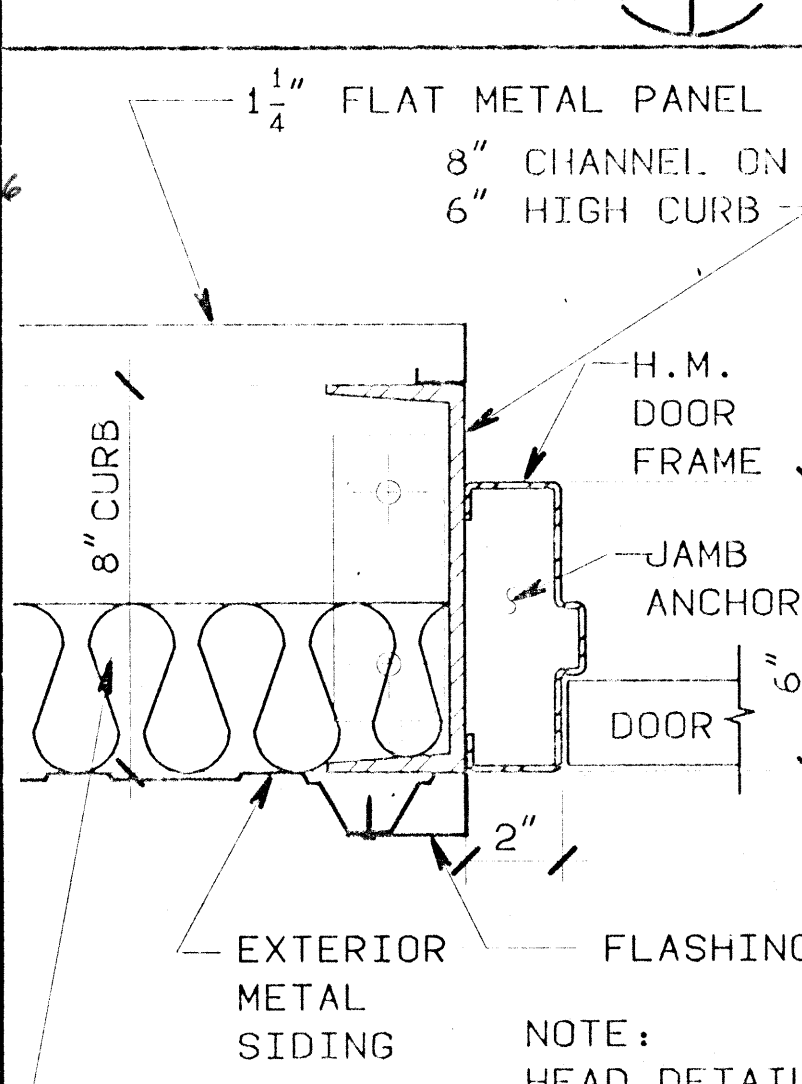
HEAD & JAMB DETAIL 9
SCALE: 3" = 1'-0" A-18 A-18



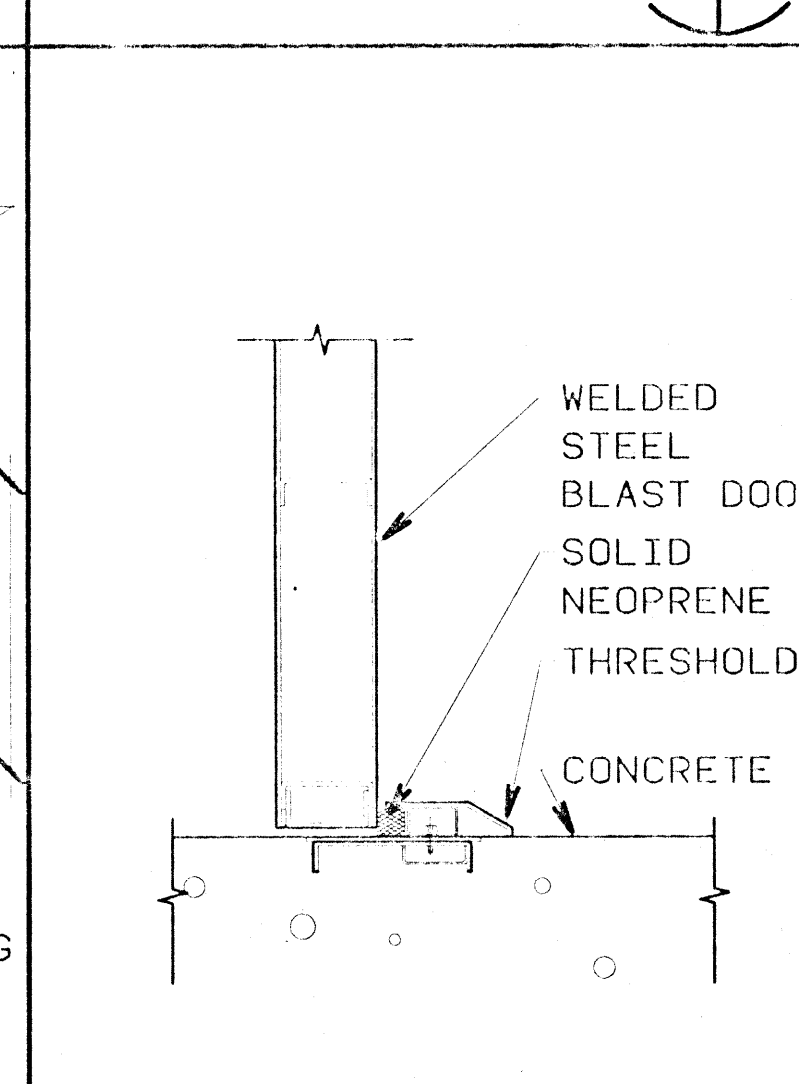
HEAD & JAMB DETAIL 10
SCALE: 3" = 1'-0" A-18 A-18



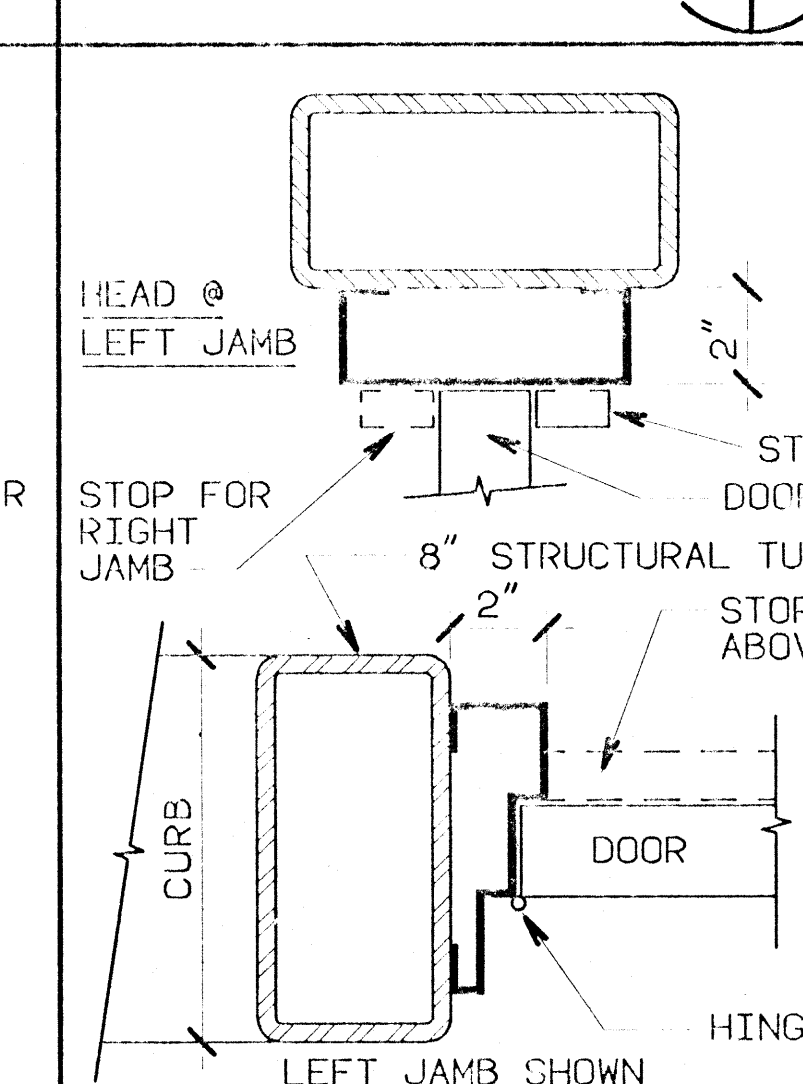
JAMB DETAIL 11
SCALE: 3" = 1'-0" A-18 A-18



JAMB DETAIL 12
SCALE: 3" = 1'-0" A-18 A-18



SILL DETAIL 13
SCALE: 3" = 1'-0" A-18 A-18

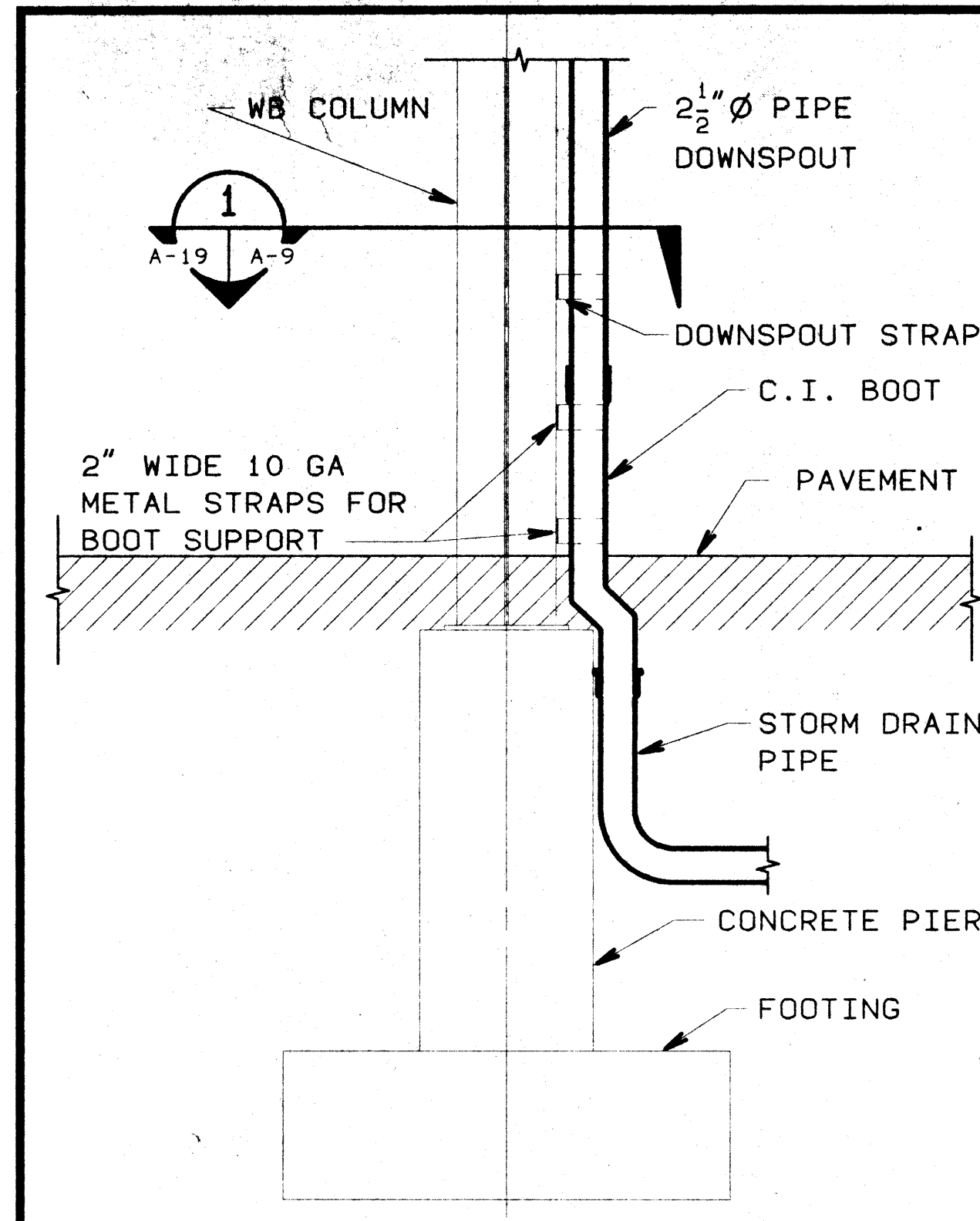


DETAIL 14
SCALE: 3" = 1'-0" A-18 A-18

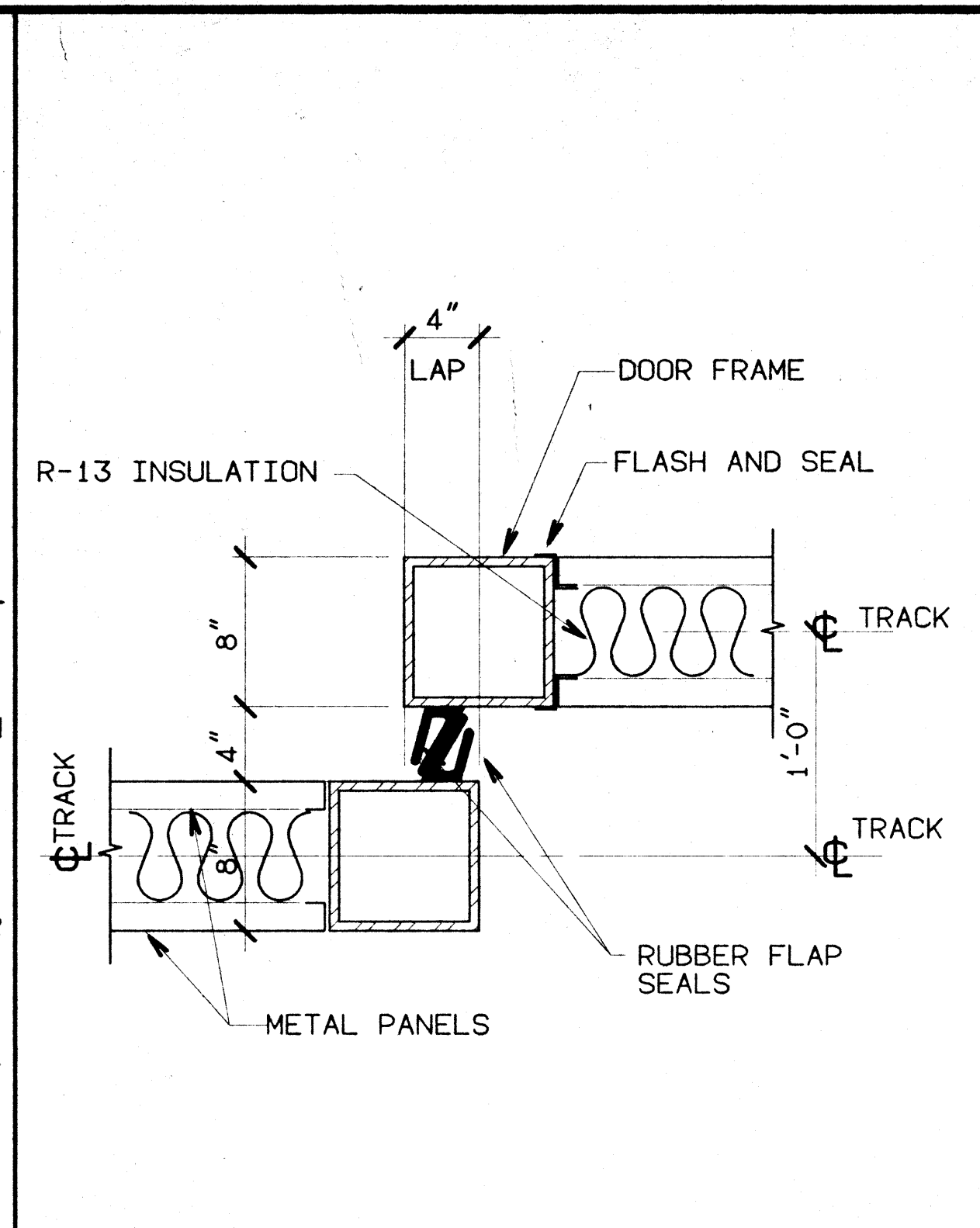
REVISION	DATE	DESCRIPTION	BY	DATE
1	11/25/92	CHANGED "ALUMINUM" TO "STEEL"	DA	
NORMAN ENGINEERING CO. DEPARTMENT OF THE ARMY 1000 POND AVENUE, SUITE 100 LOS ANGELES, CALIFORNIA 90015 J. MACIEJUNES J. LOVE O. ATIENZA				
MCCLELLAN AIR FORCE BASE CALIFORNIA ADAL DEPOT CORROSION CONTROL FACILITY BLDG NUMBER/NAME DOOR AND WINDOW SCHEDULES				
CHECKED	DATE	APPROVED	SCALE	FILE NO.
			AS NOTED	8529
9/30/92		A-18 100-25-2051		

FUNCTIONAL ANALYSIS - VE PAYS

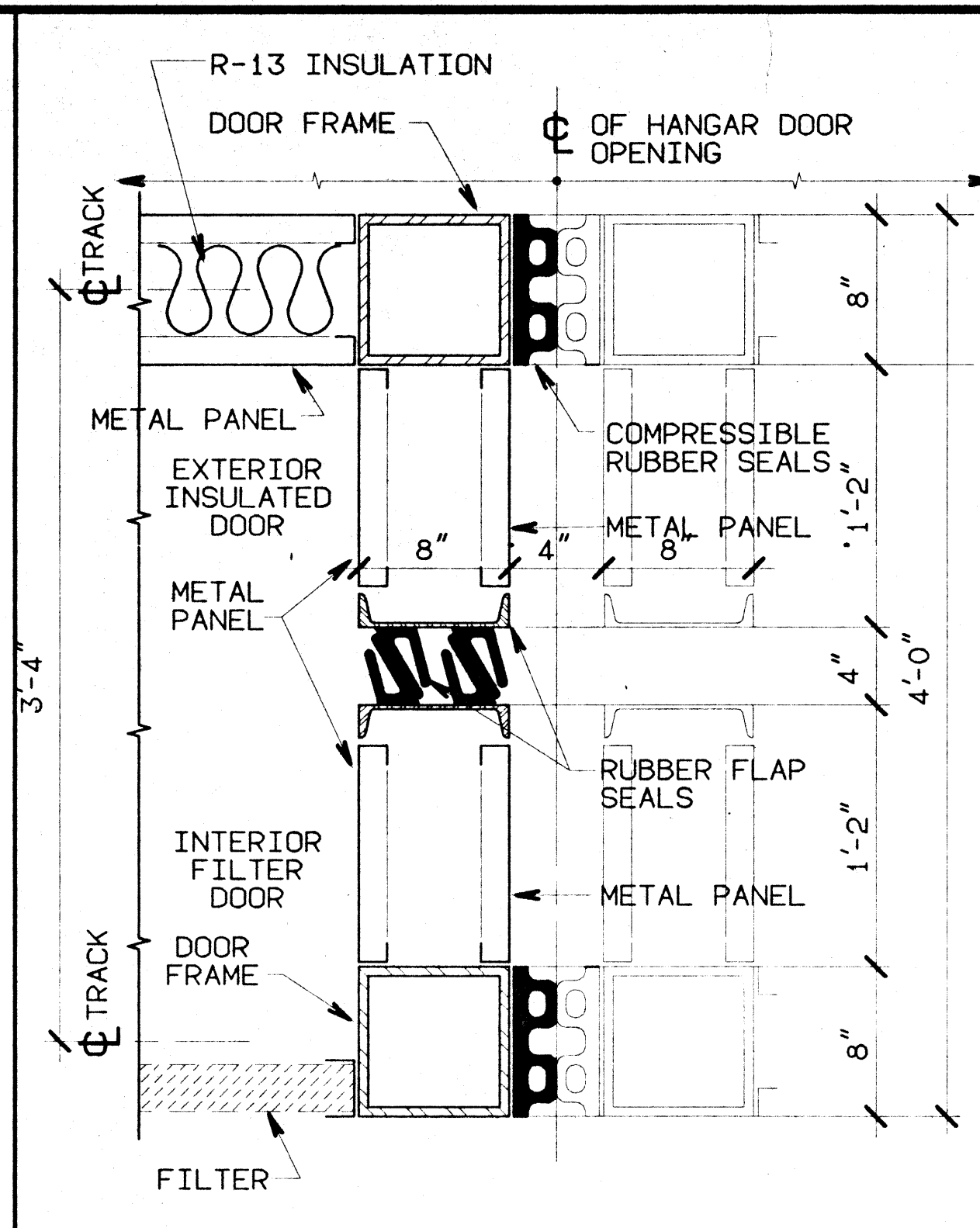
5



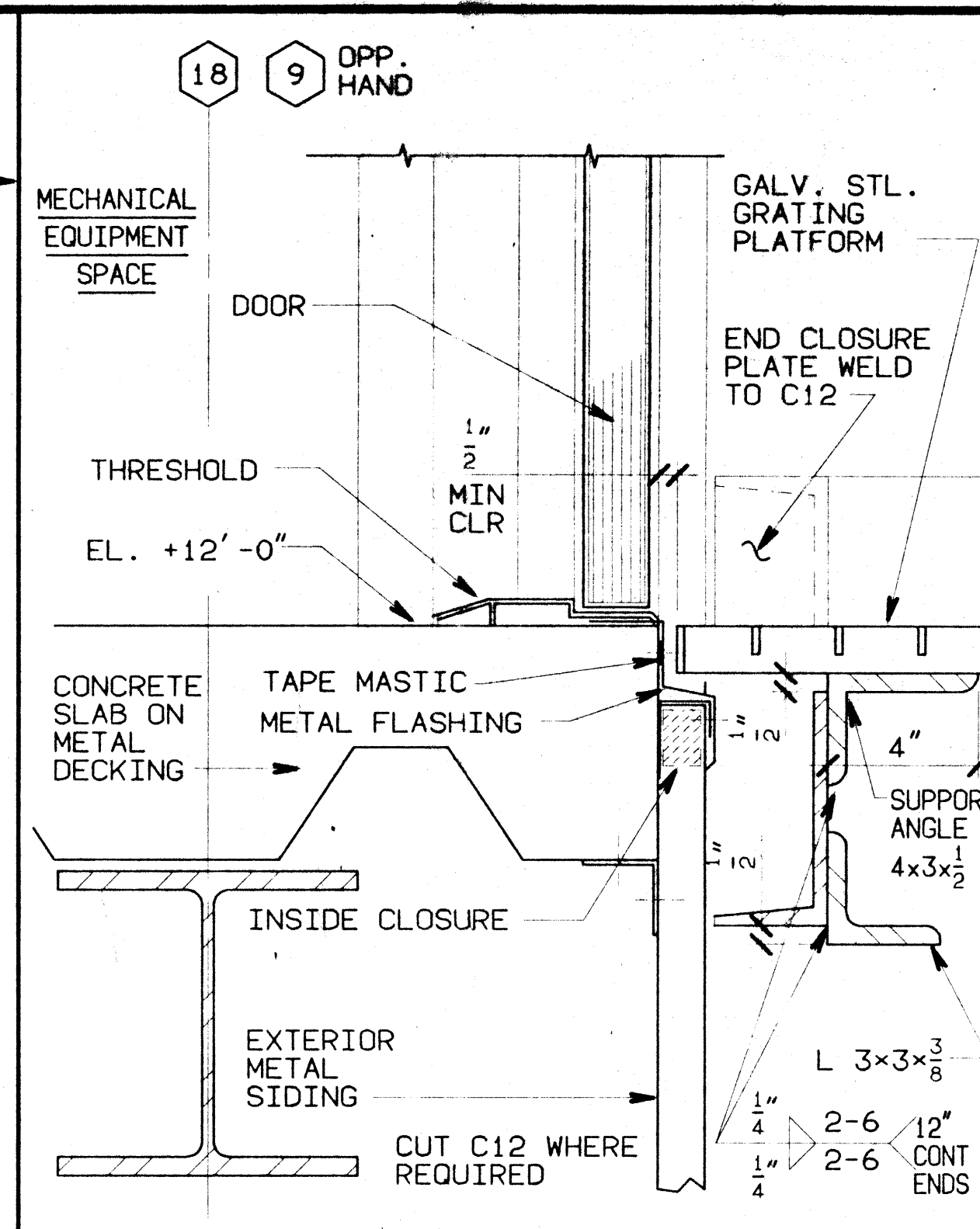
DOWNSPOUT/BOOT CONNECTION 1
SCALE: 1" = 1'-0" A-3 A-19



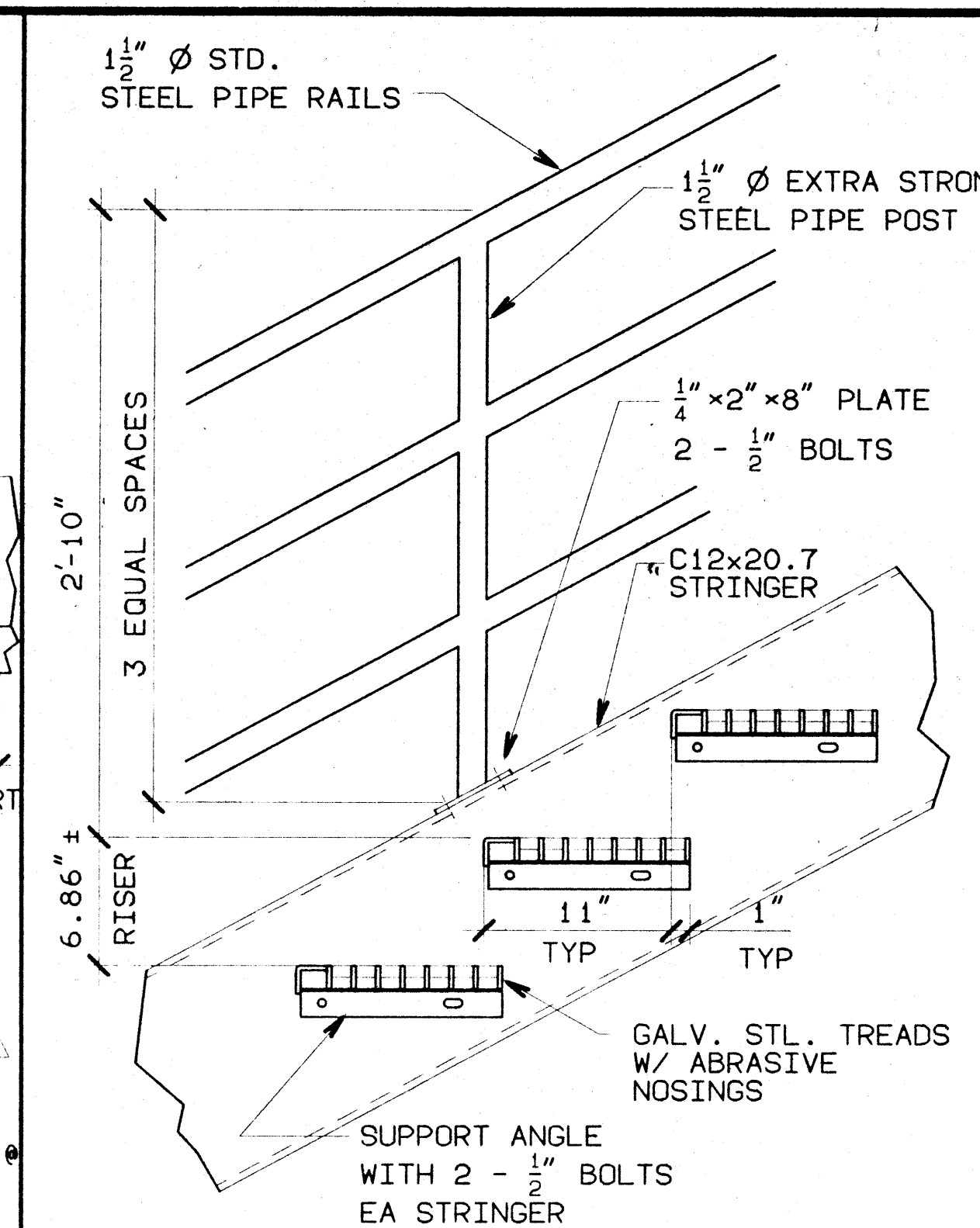
DETAIL 2
SCALE: 1 1/2" = 1'-0" A-3 A-19



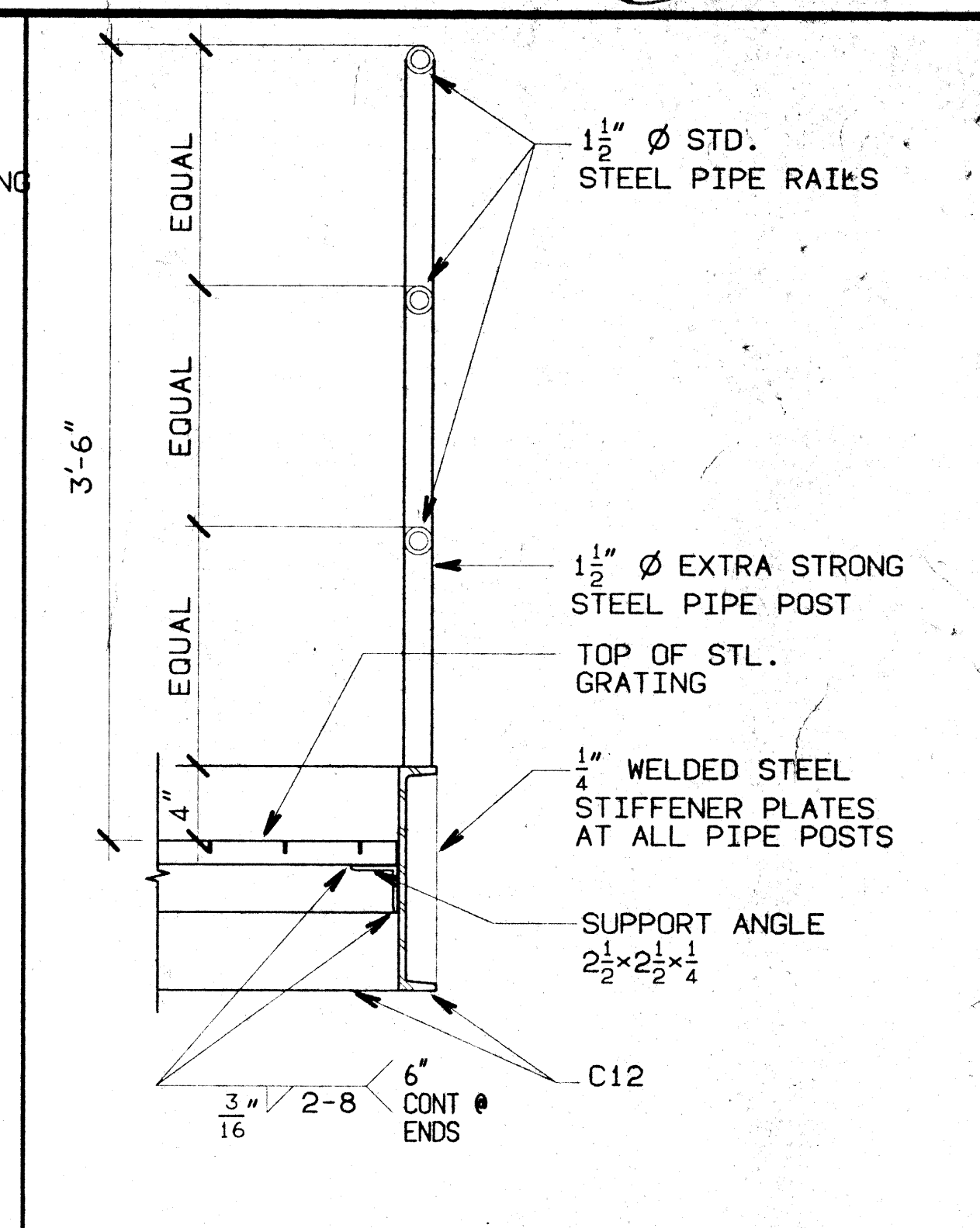
DETAIL 3
SCALE: 1 1/2" = 1'-0" A-3 A-19



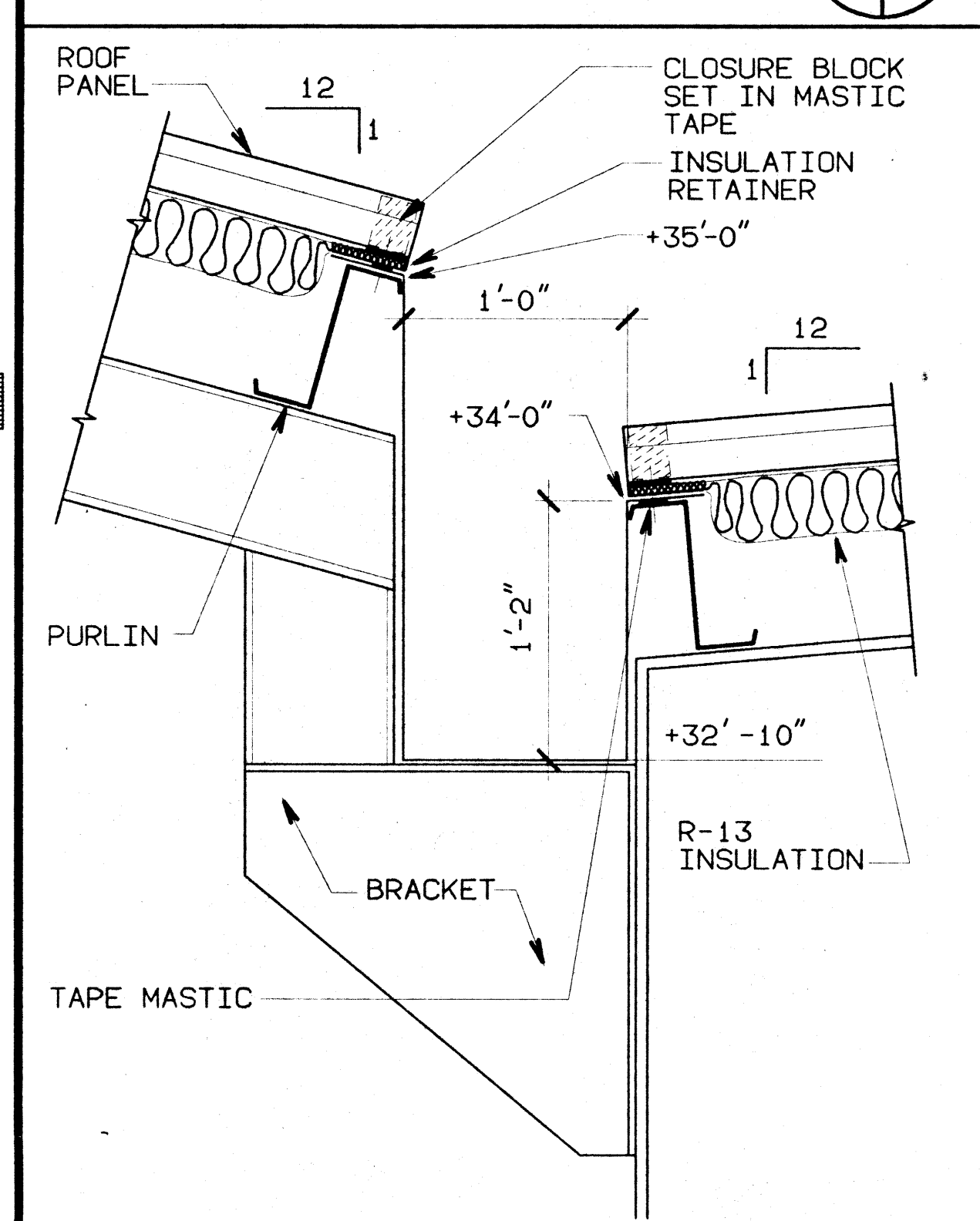
SECTION 4
SCALE: 3" = 1'-0" A-19 A-19



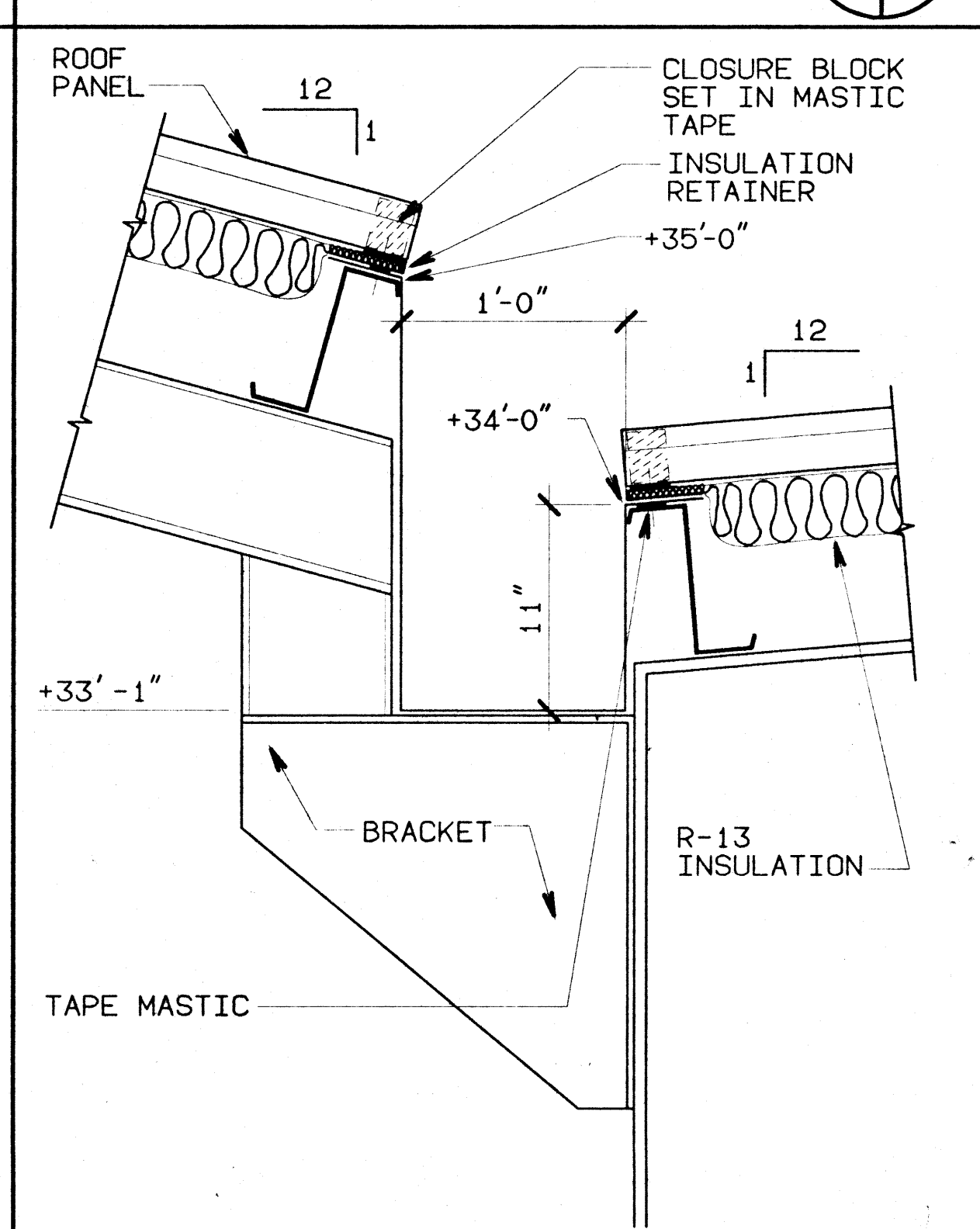
STAIR RAILING & TREAD DET 5
SCALE: 1 1/2" = 1'-0" A-19 A-19



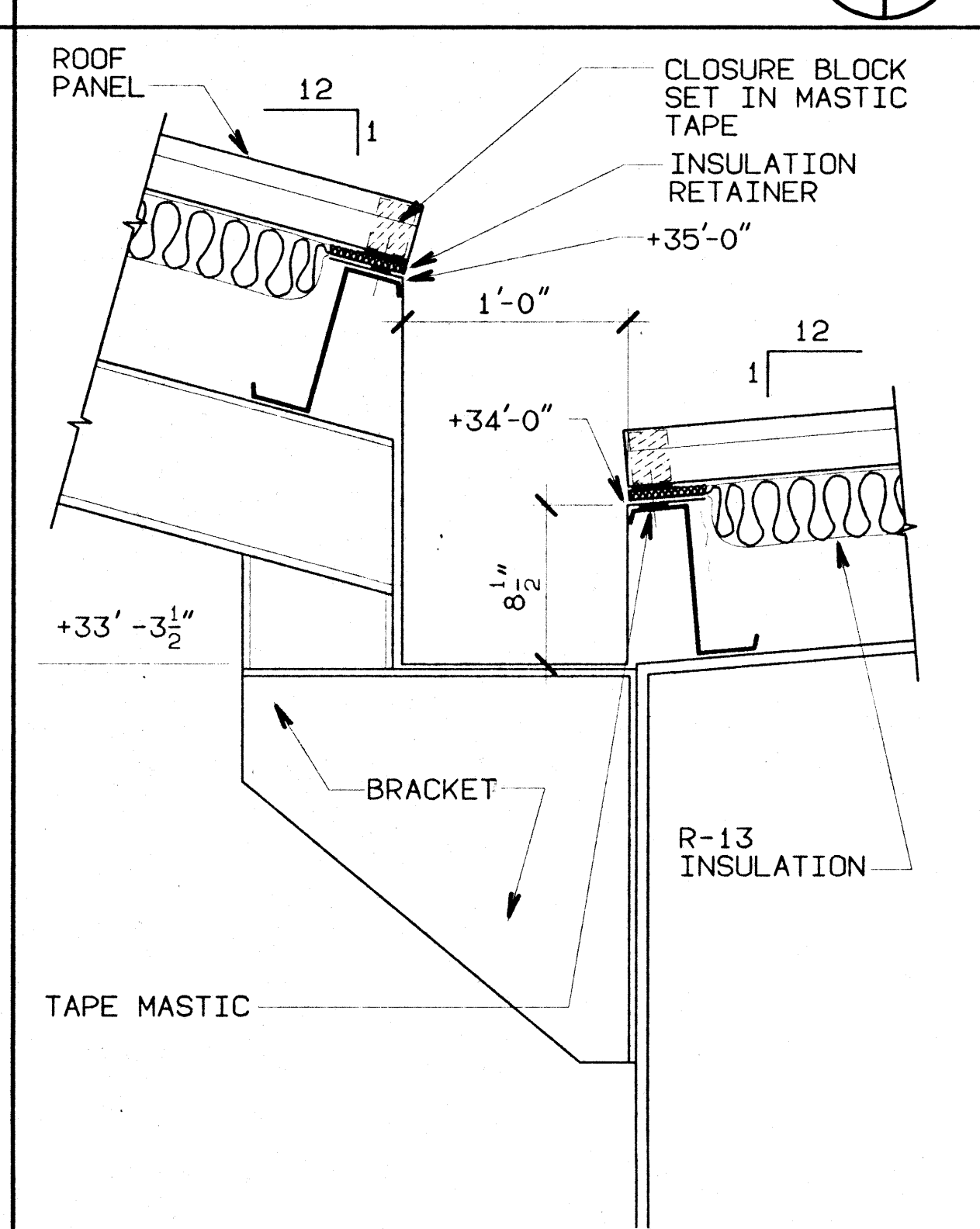
PLATFORM RAILING DETAIL 6
SCALE: 1 1/2" = 1'-0" A-19 A-19



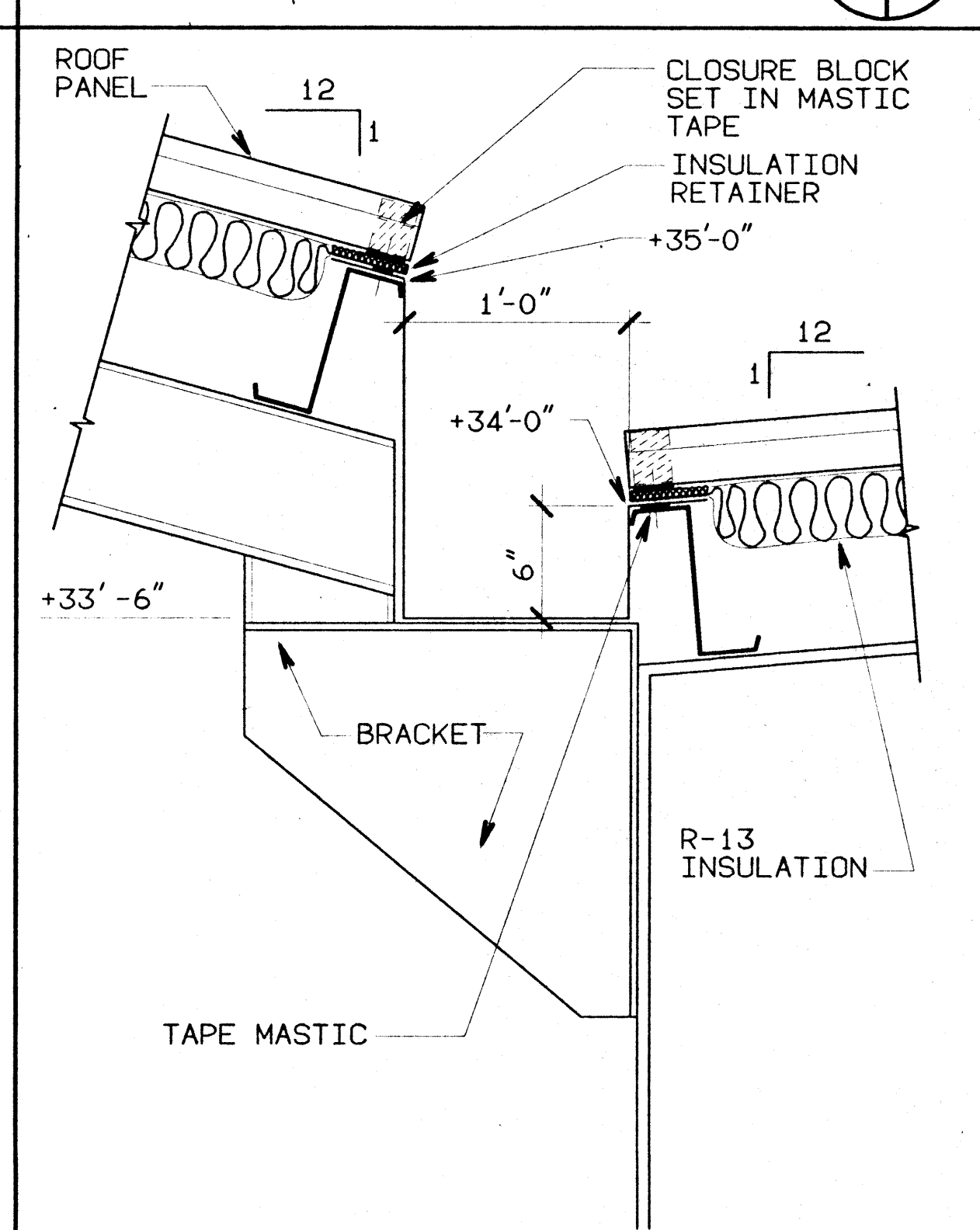
GUTTER @ COL. LINES A & H 7
SCALE: 1 1/2" = 1'-0" (OPP. HAND @ LINE 12) A-9 A-19



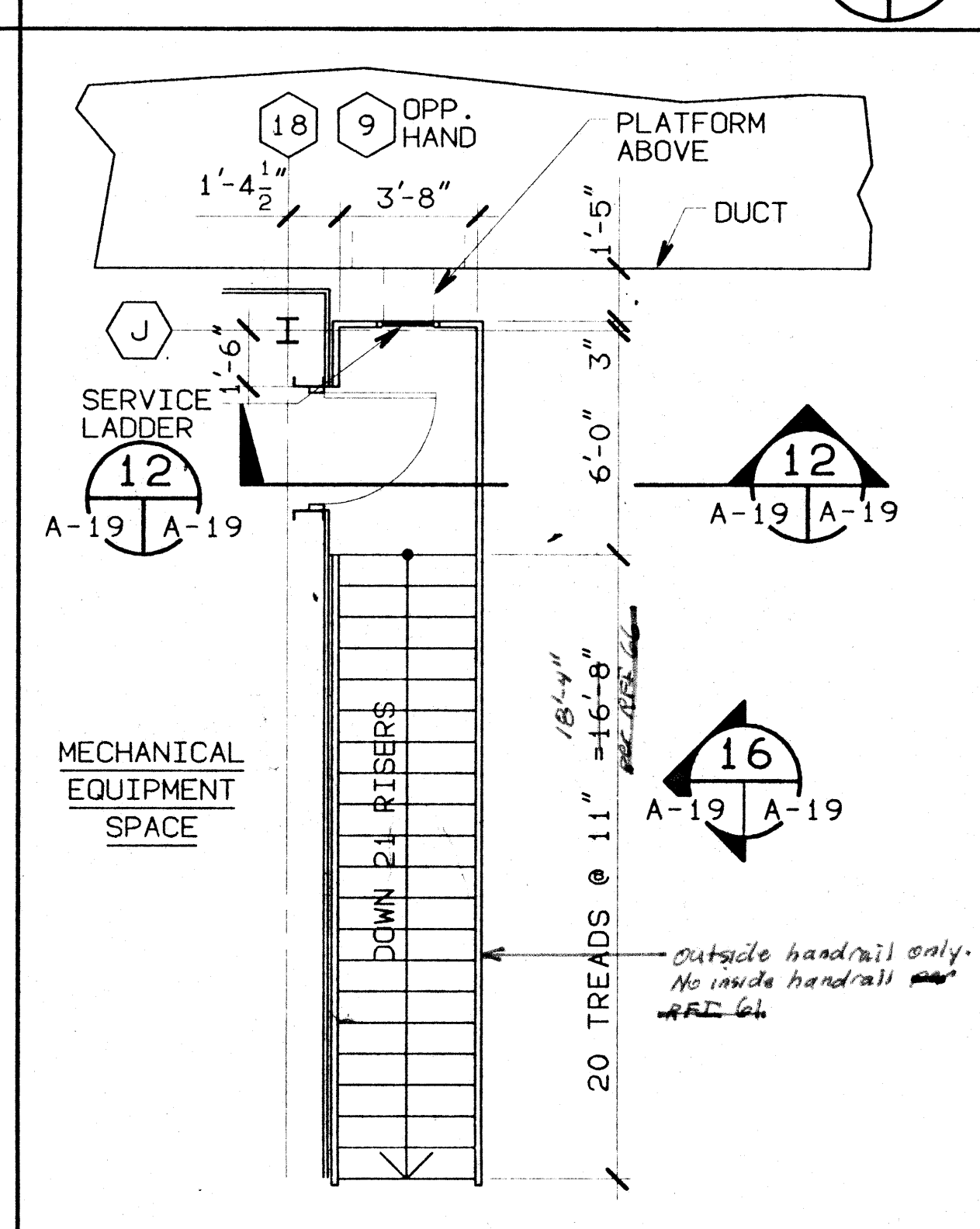
GUTTER @ COL. LINES B & G 8
SCALE: 1 1/2" = 1'-0" (OPP. HAND @ LINE 12) A-9 A-19



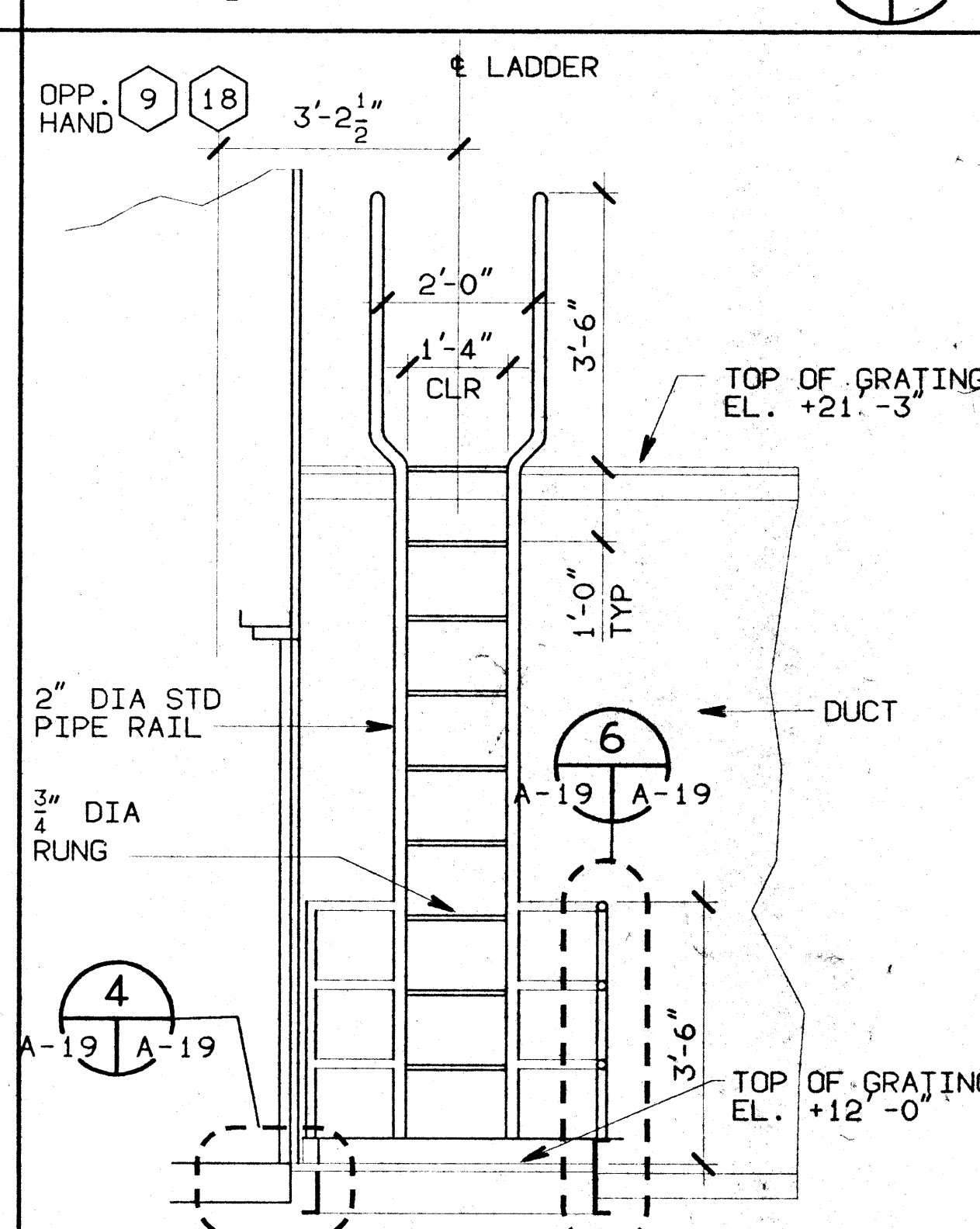
GUTTER @ COL. LINES C & F 9
SCALE: 1 1/2" = 1'-0" (OPP. HAND @ LINE 12) A-9 A-19



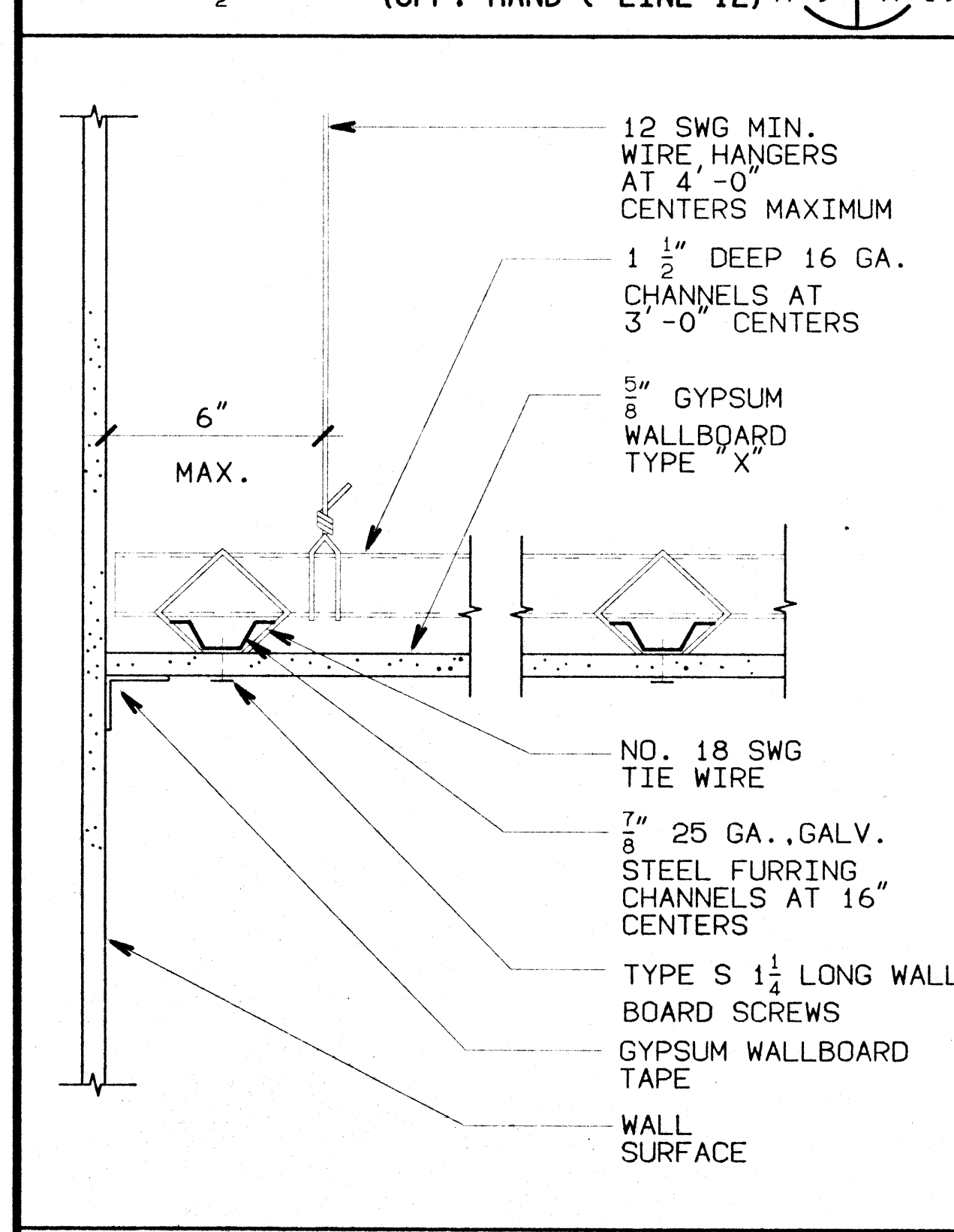
GUTTER @ COL. LINES D & E 10
SCALE: 1 1/2" = 1'-0" (OPP. HAND @ LINE 12) A-9 A-19



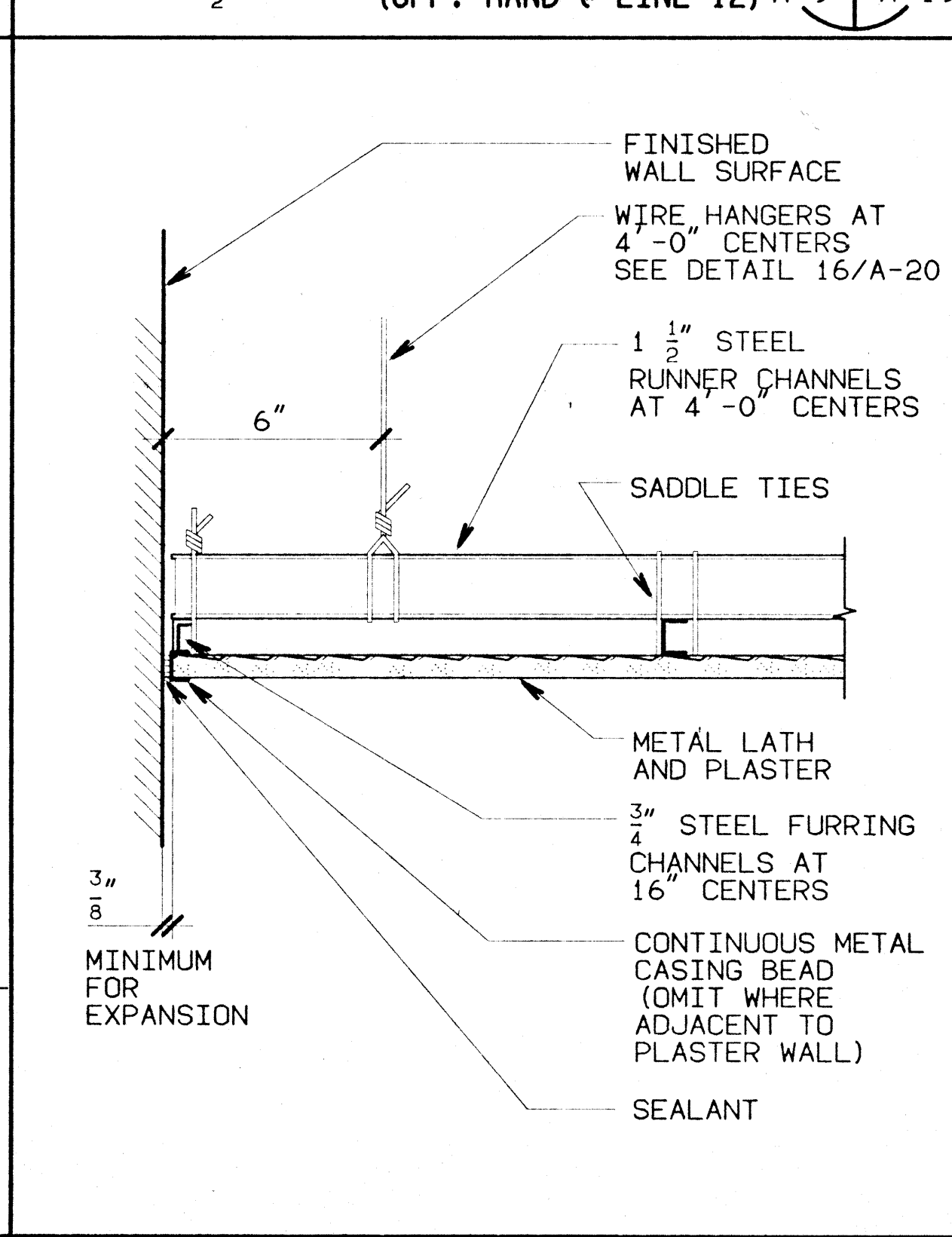
STAIR #2 - PLAN 11
SCALE: 1 1/2" = 1'-0" STAIR #1 (OPP. HAND) A-9 A-19



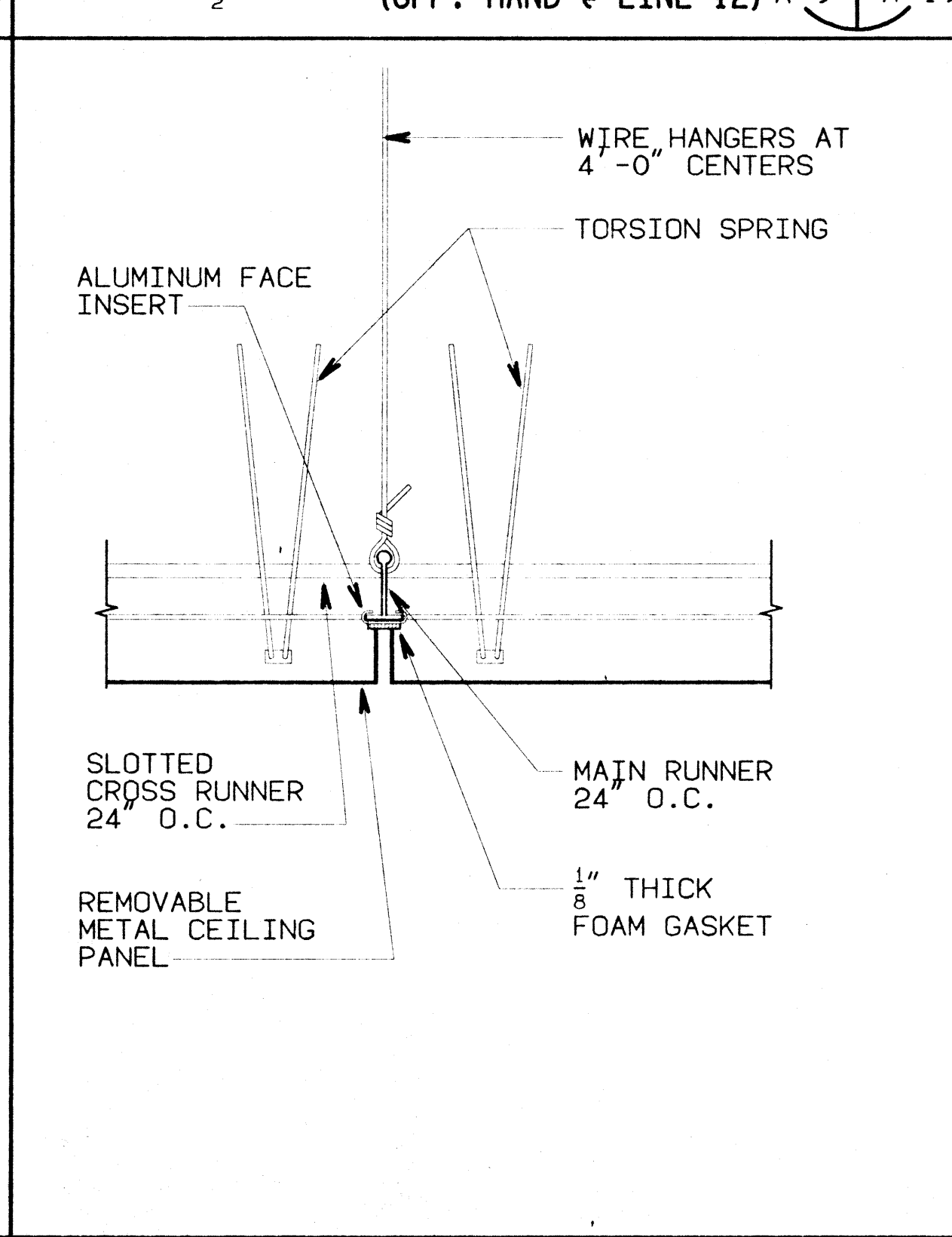
LADDER #2 - ELEVATION 12
SCALE: 1 1/2" = 1'-0" LADDER #2 (OPP. HAND) A-19 A-13



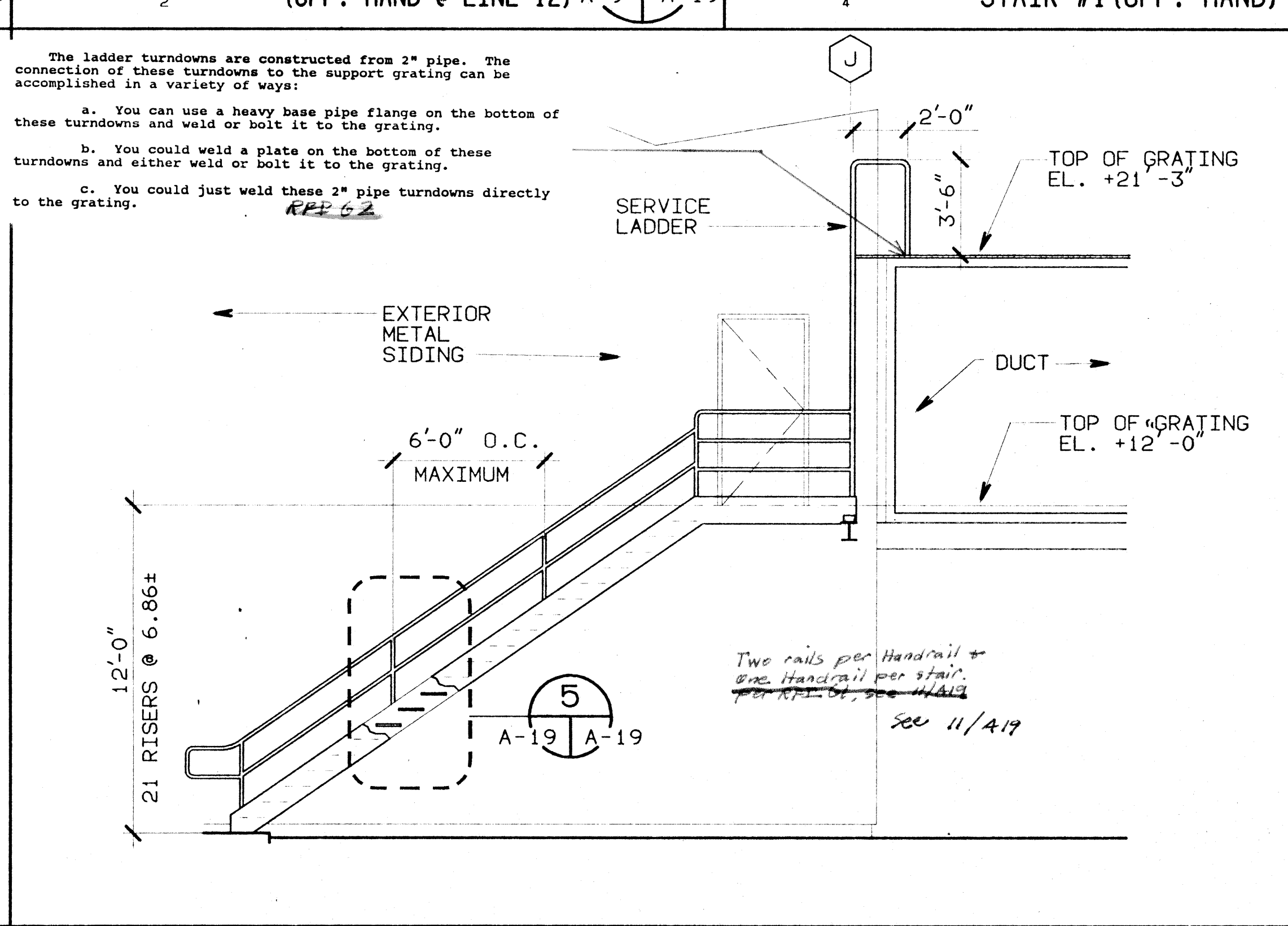
GYPSUM BD. CEILING 13
SCALE: 3" = 1'-0" A-13 A-19



CEMENT PLASTER CEILING 14
SCALE: 3" = 1'-0" A-5 A-19



REMOVABLE METAL CLG. PANEL 15
SCALE: 3" = 1'-0" A-8 A-19



ELEVATION-STAIR #2 & LADDER #2 16
SCALE: 1 1/2" = 1'-0" STAIR #1 & LADDER #1 (OPP. HAND) A-7 A-19

3" = 1'-0" 3' 6' 9' 1'
1 1/2" = 1'-0" 0 1'
1" = 1'-0" 0 2' 4'
1/2" = 1'-0" 0 4' 8'

SIGNED ON BEHALF OF
NORMAN ENGINEERING CO.

REVISION	DATE	DESCRIPTION	BY	BY

NORMAN ENGINEERING CO.
CONSULTING ENGINEERS
LOS ANGELES, CALIFORNIA

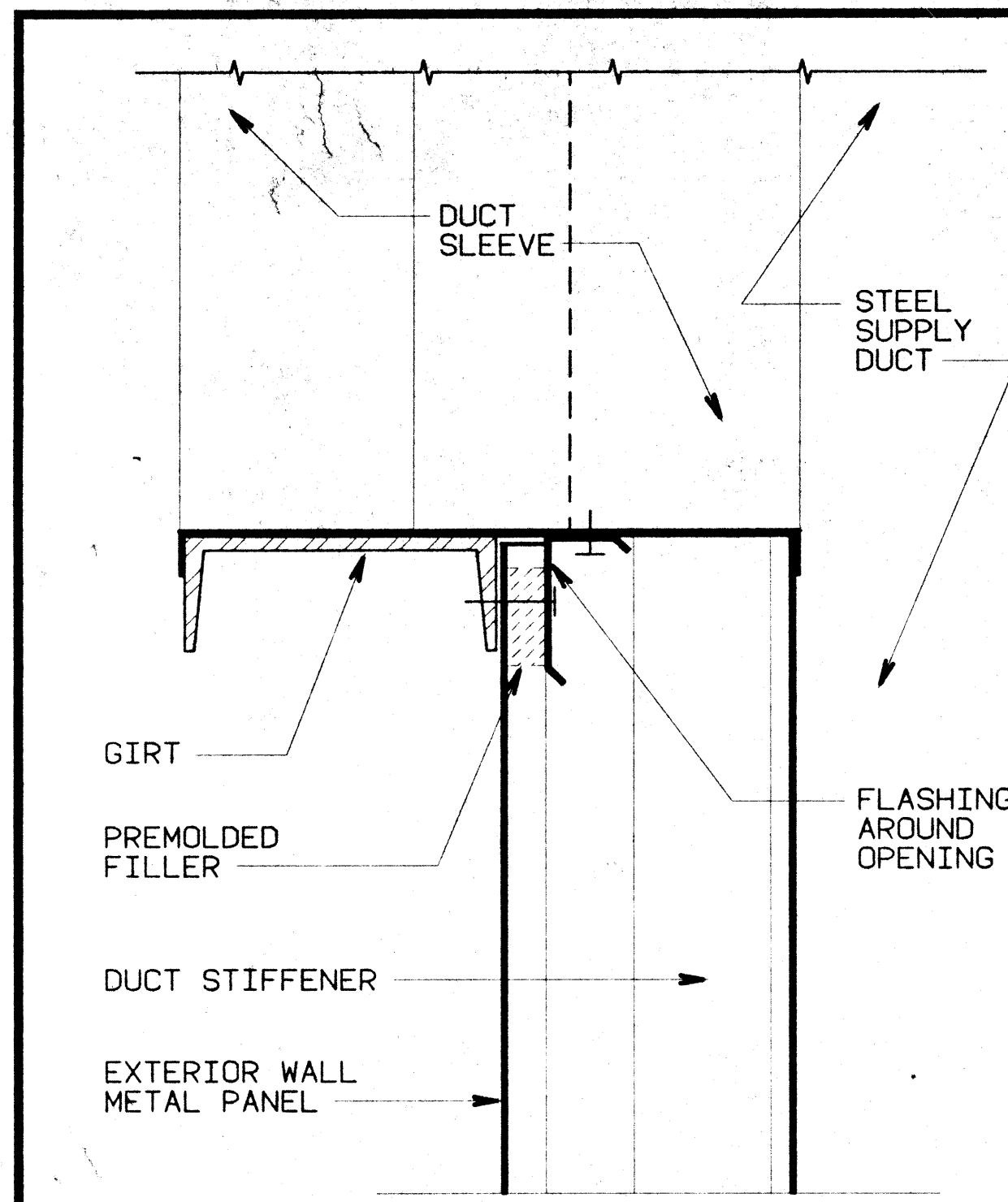
DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

DESIGNED: J. MACIEJUNES
DRAWN: O. ATIENZA
CHECKED: J. MACIEJUNES
SUBMITTED: 9/30/92

PROJECT: MCLELLAN AIR FORCE BASE
ADAL DEPOT CORROSION CONTROL FACILITY
NEW AIRCRAFT PAINT FACILITY
MISCELLANEOUS DETAILS - 1

SCALE: AS NOTED
SHEET: A-19
34 OF 95
SPEC. NO.: 8529
FILE NO.: 100-25-2051

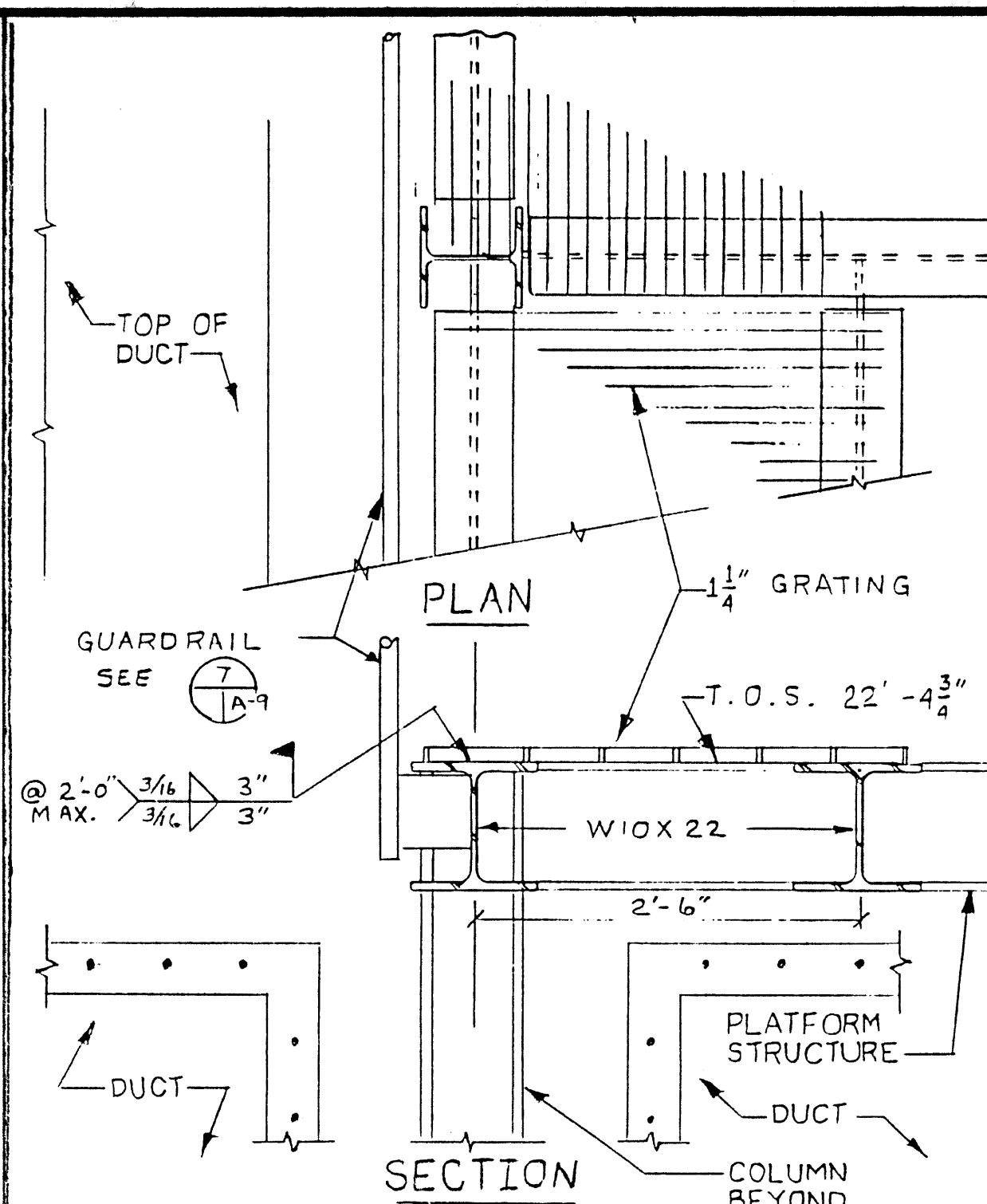
FUNCTIONAL ANALYSIS - VE PAYS



DUCT FLASHING DETAIL 1

SCALE: 3" = 1'-0"

A-13 A-20



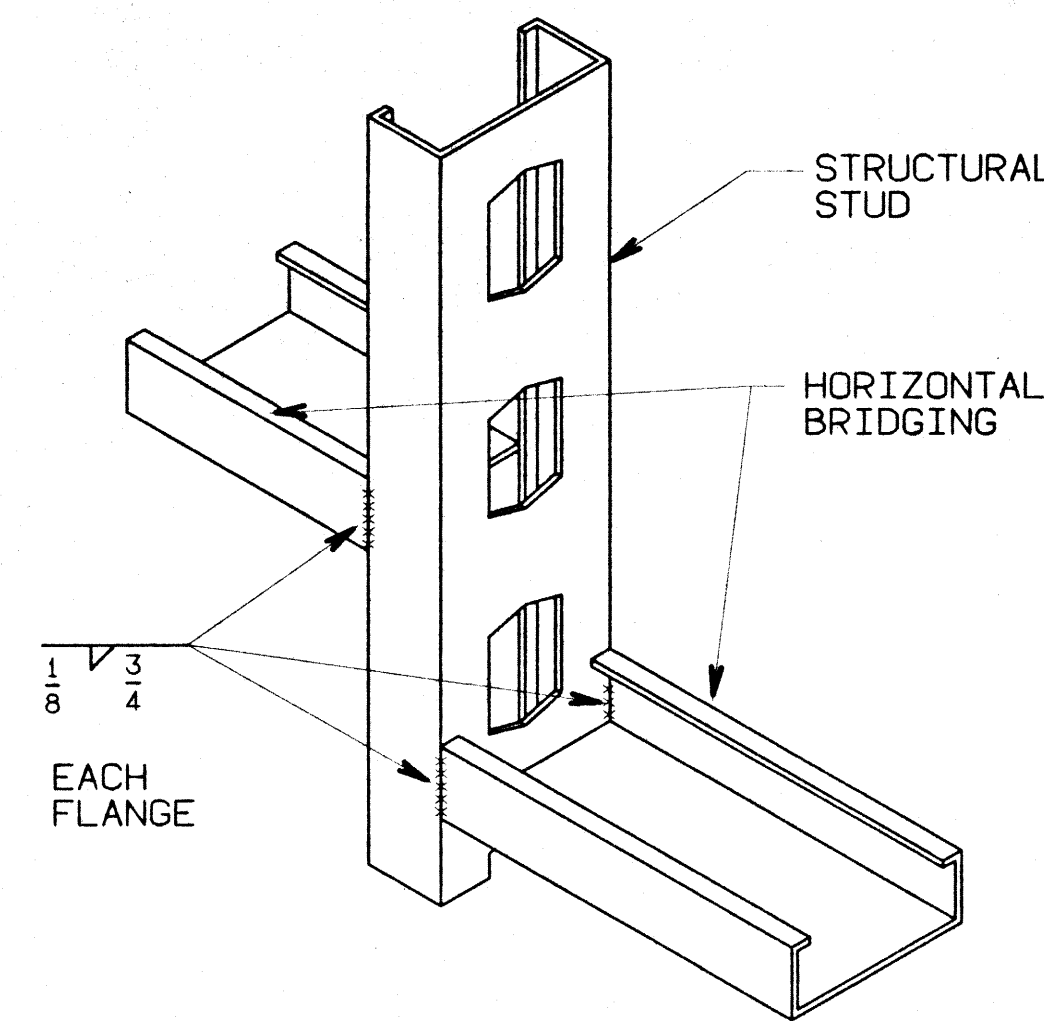
WALK WAY 2

SCALE: 1" = 1'-0"

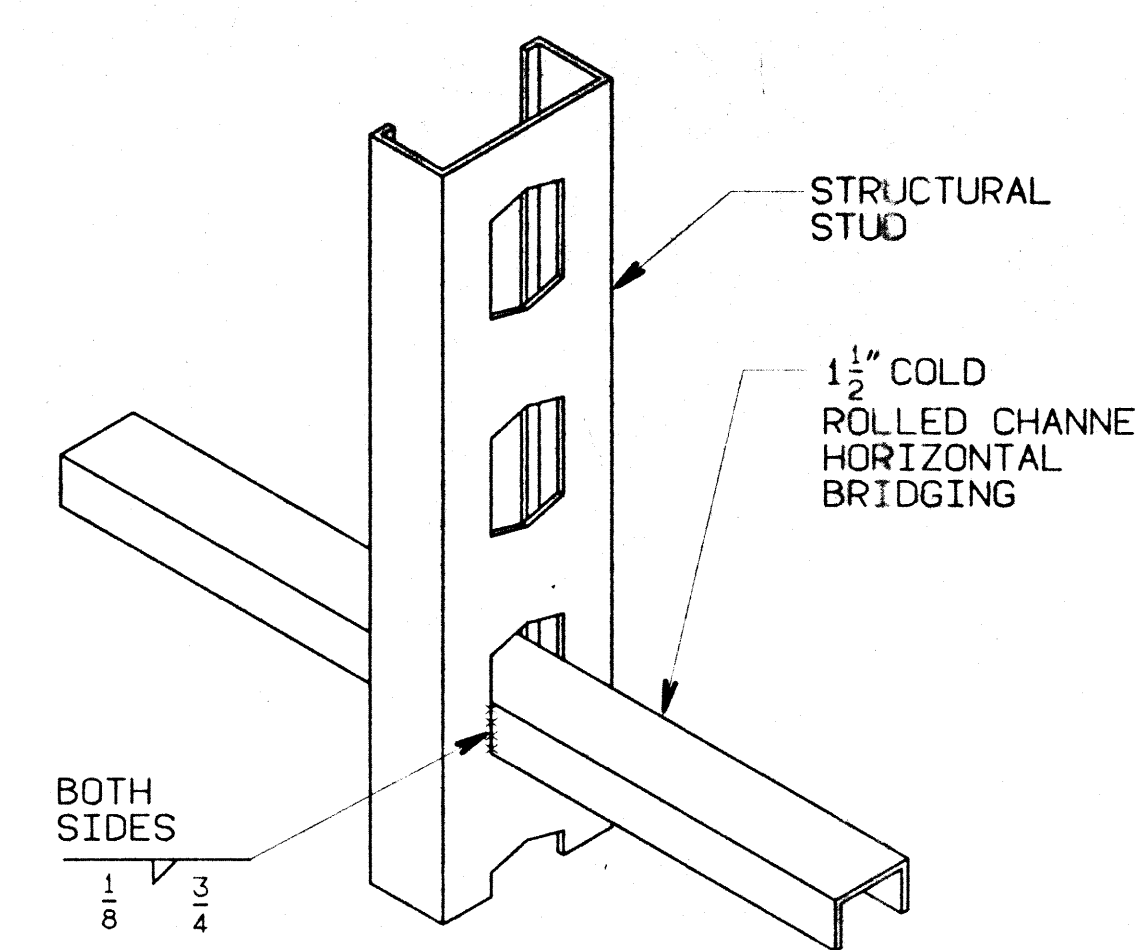
A-12 A-20

TYPICAL METAL STUD BLOCKING 3

NOT TO SCALE



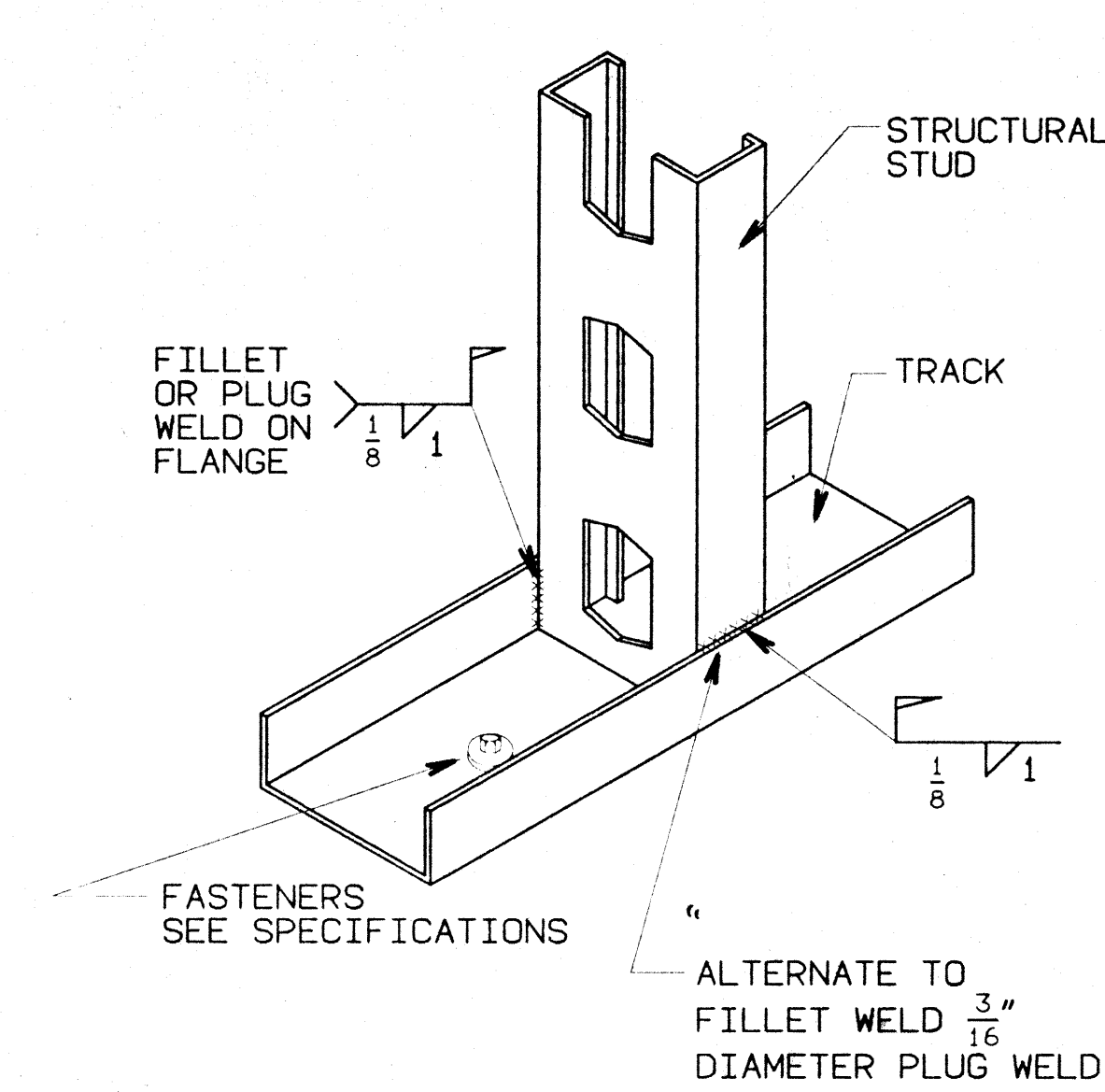
NOTE: CHANNEL BRIDGING PERMITTED ON STUDS UP TO 3/8\"/>



TYPICAL METAL STUD BRIDGING 4

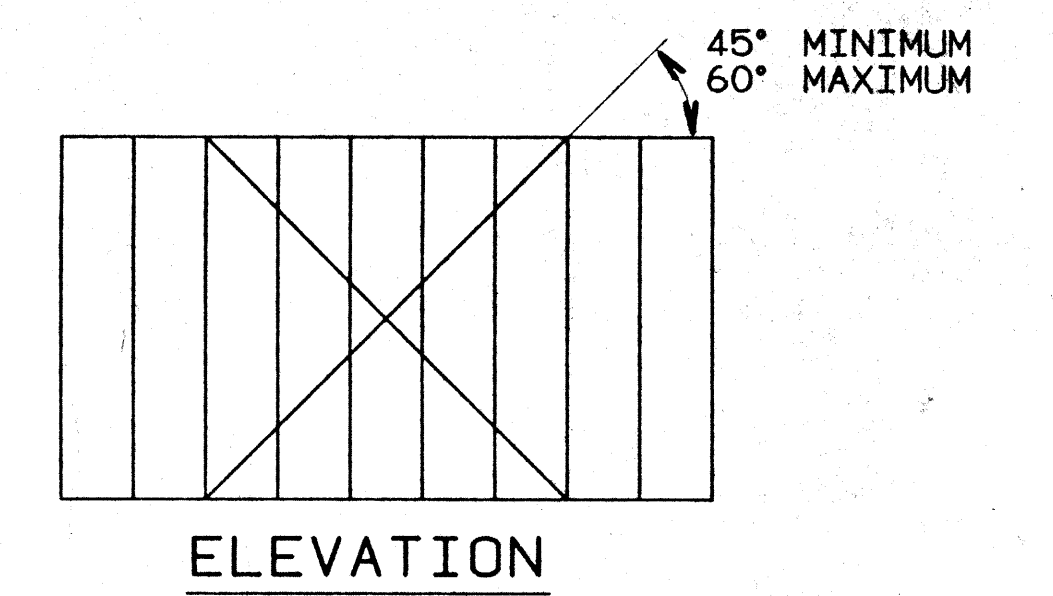
NOT TO SCALE

NOTE: TOP TRACK SIMILAR

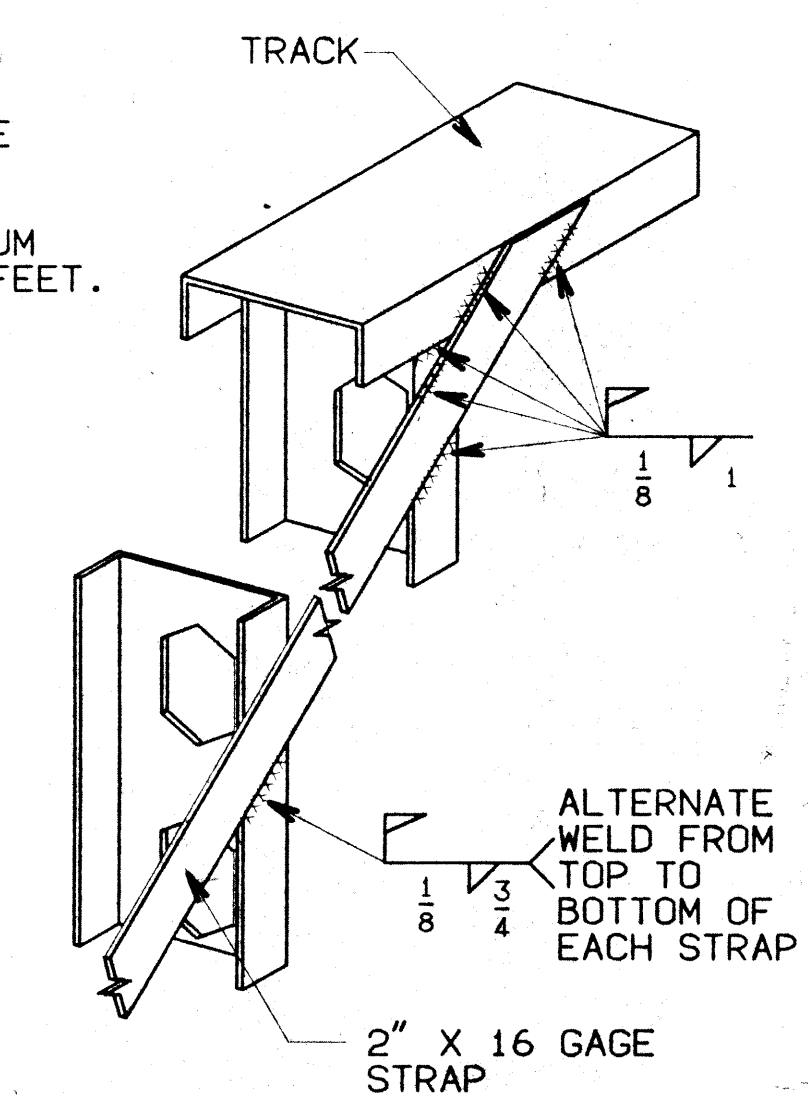


TYPICAL METAL STUD CONNECTION TO TRACK 5

NOT TO SCALE

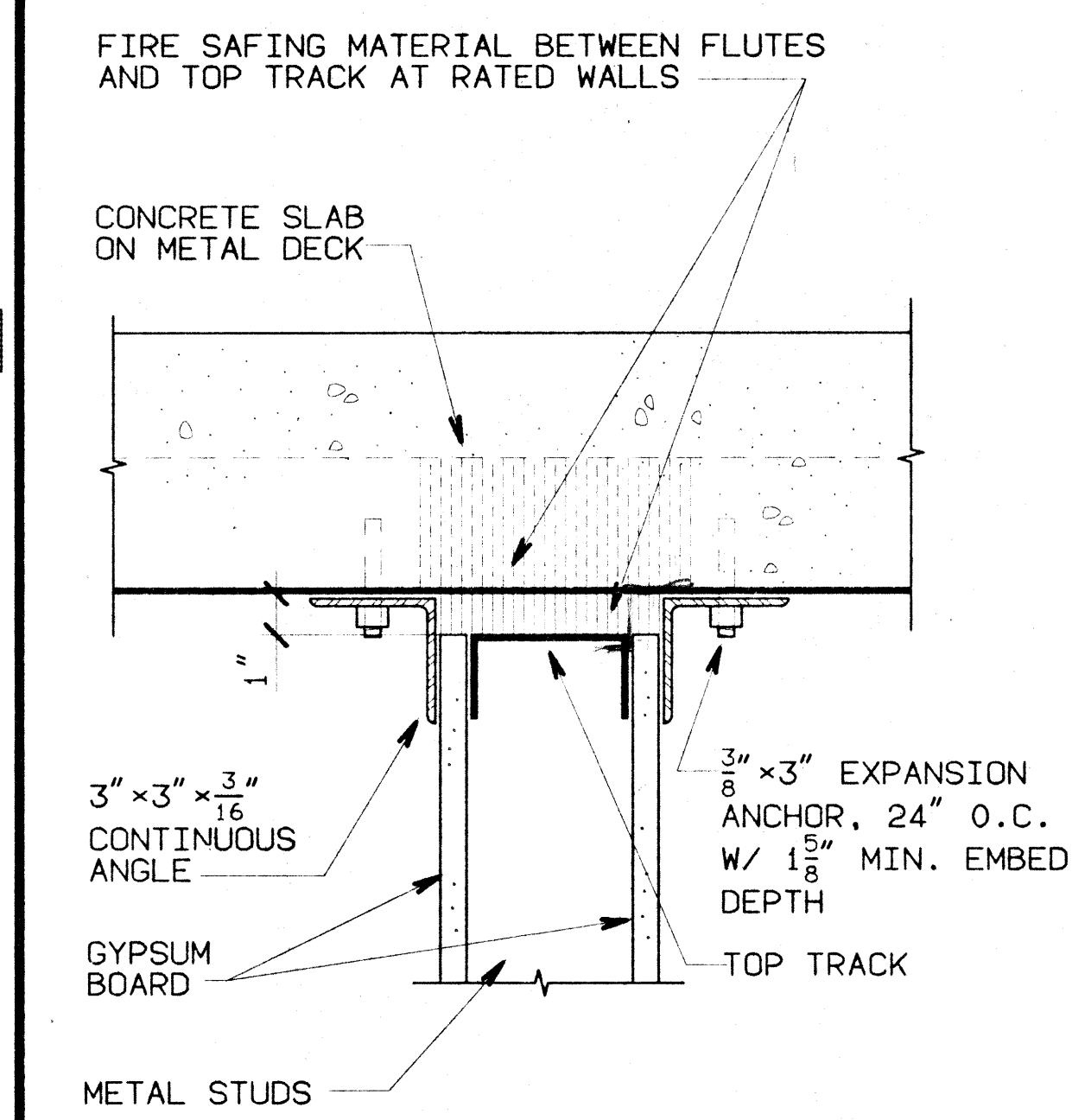


NOTE: PROVIDE X-BRACE ON ALL WALLS AT EACH END AND AT A MAXIMUM SPACING OF 25 FEET.



TYPICAL METAL STUD BRACING 12

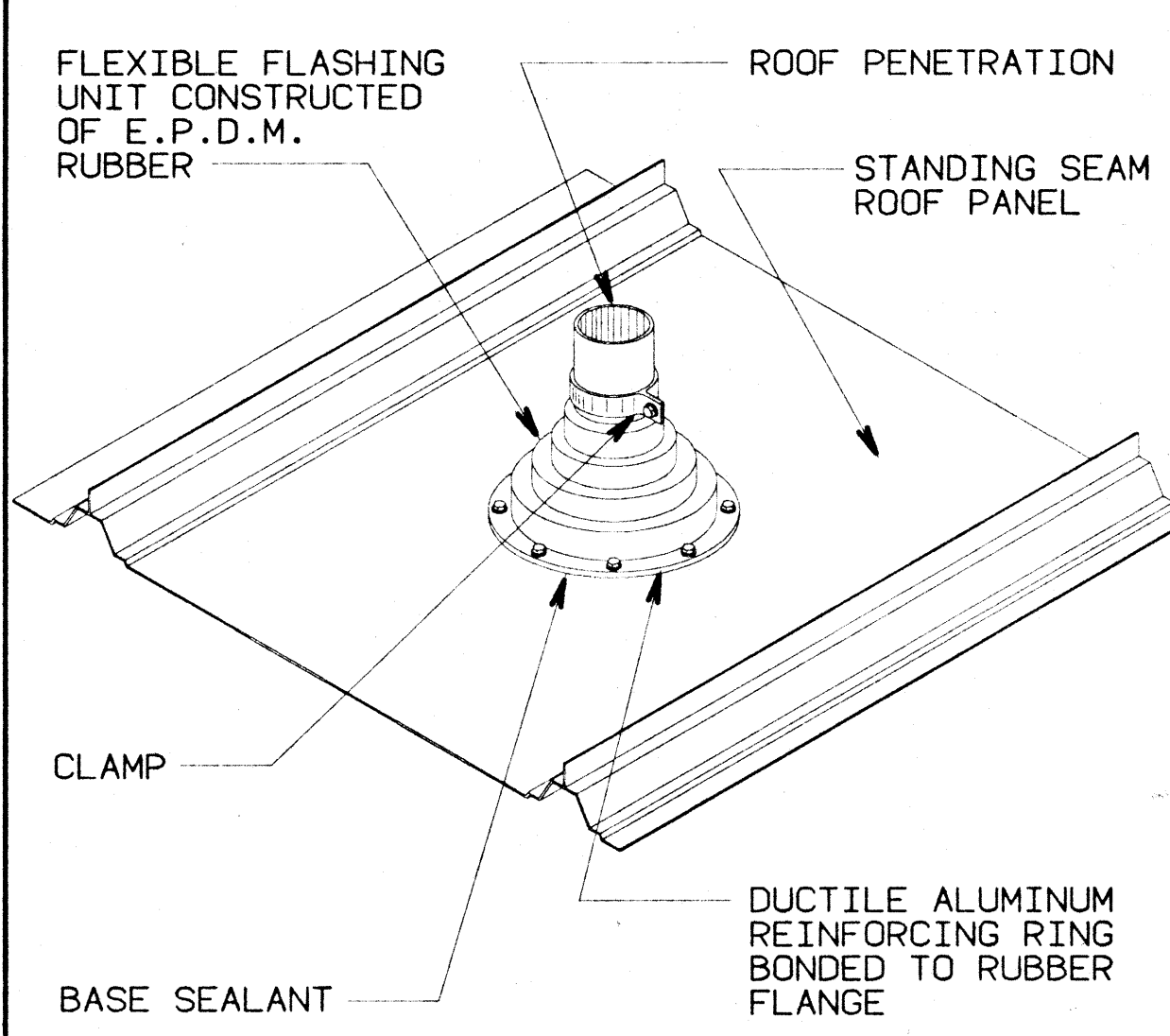
NOT TO SCALE



WALL TERMINATION @ METAL DECK 7

SCALE: 3" = 1'-0"

A-13 A-20



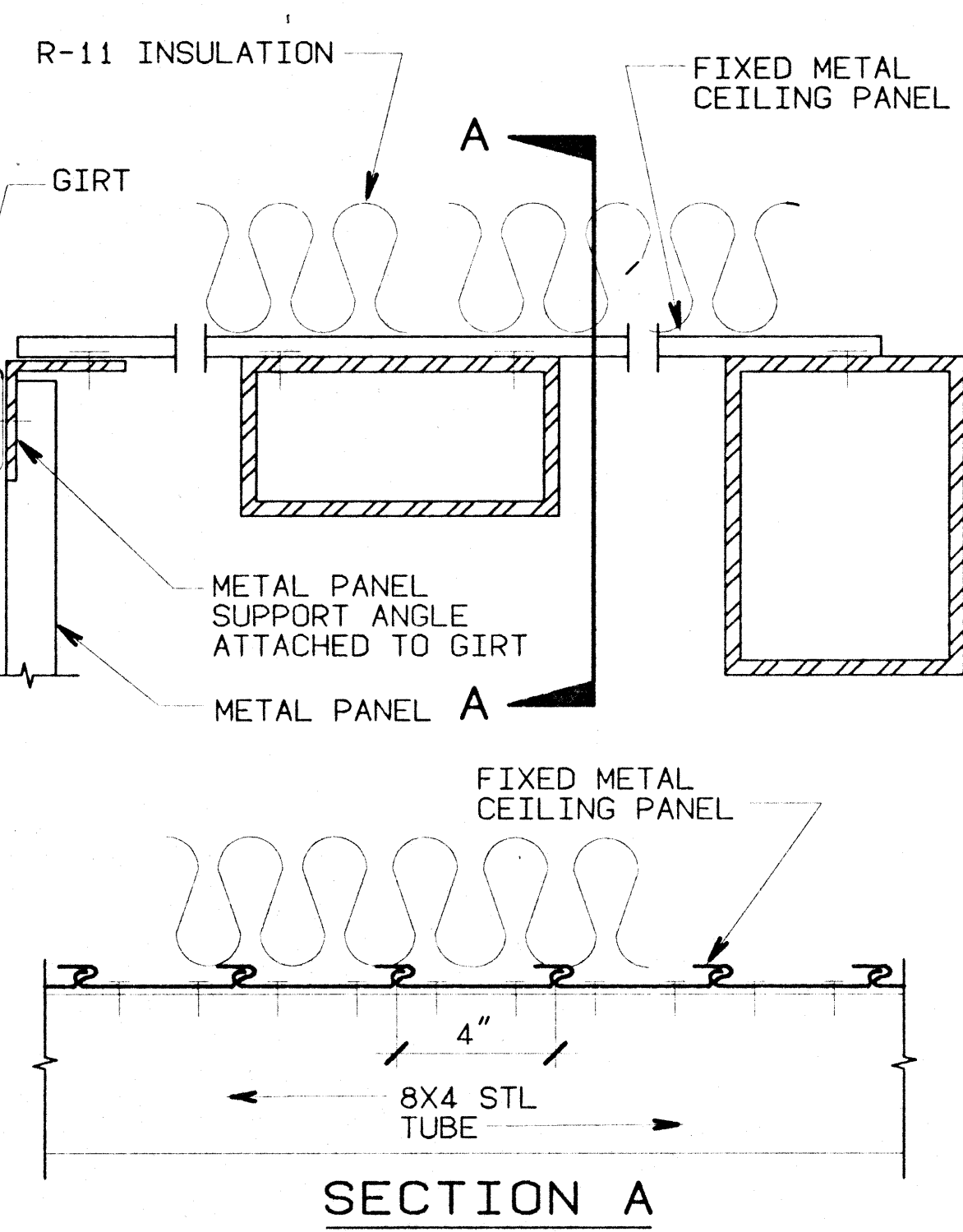
VENT FLASHING THRU ROOF 8

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

A-9 A-20

ACOUSTICAL CEILING DETAIL 9

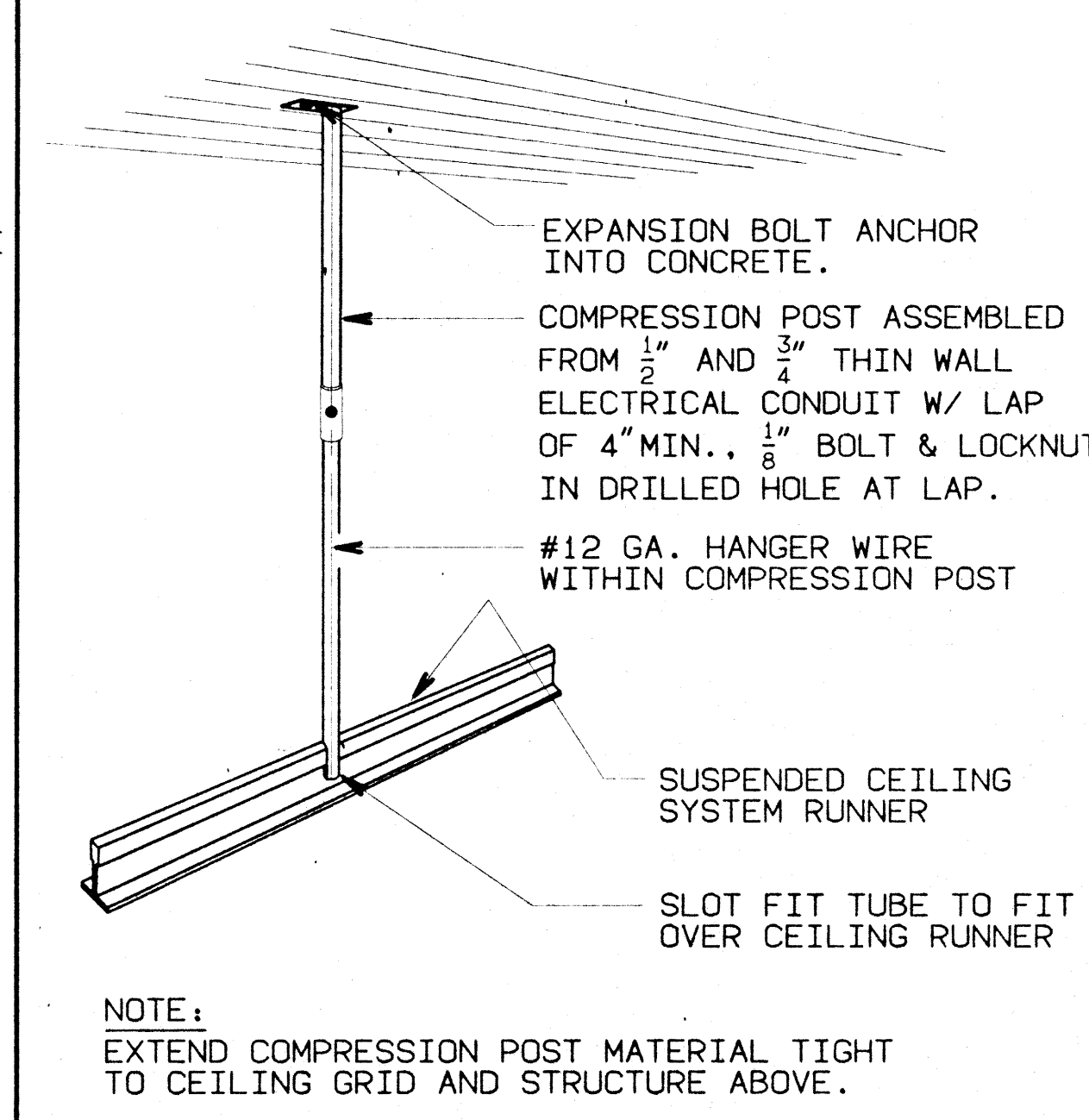
SCALE: 3" = 1'-0"



DETAIL 15

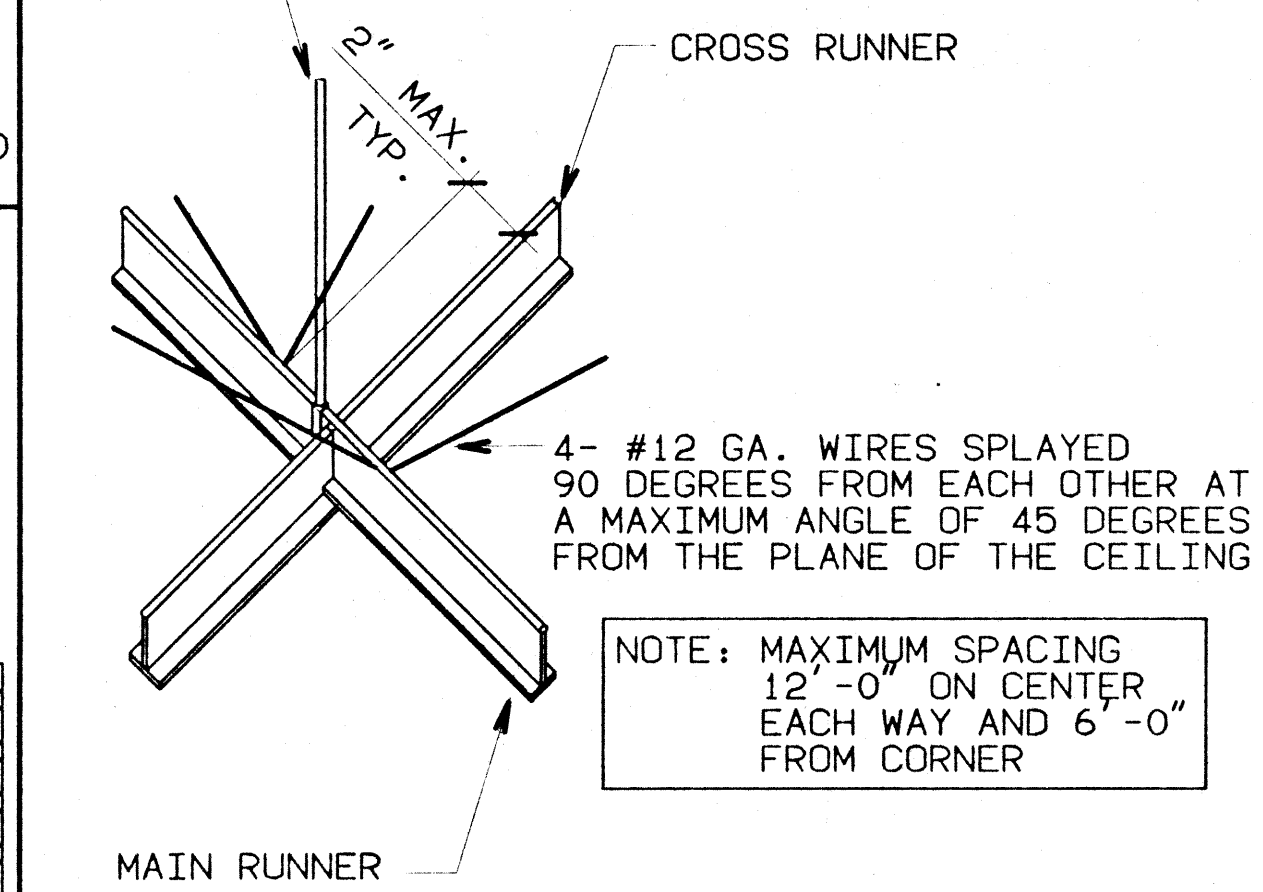
SCALE: 3" = 1'-0"

A-12 A-20



DETAIL A

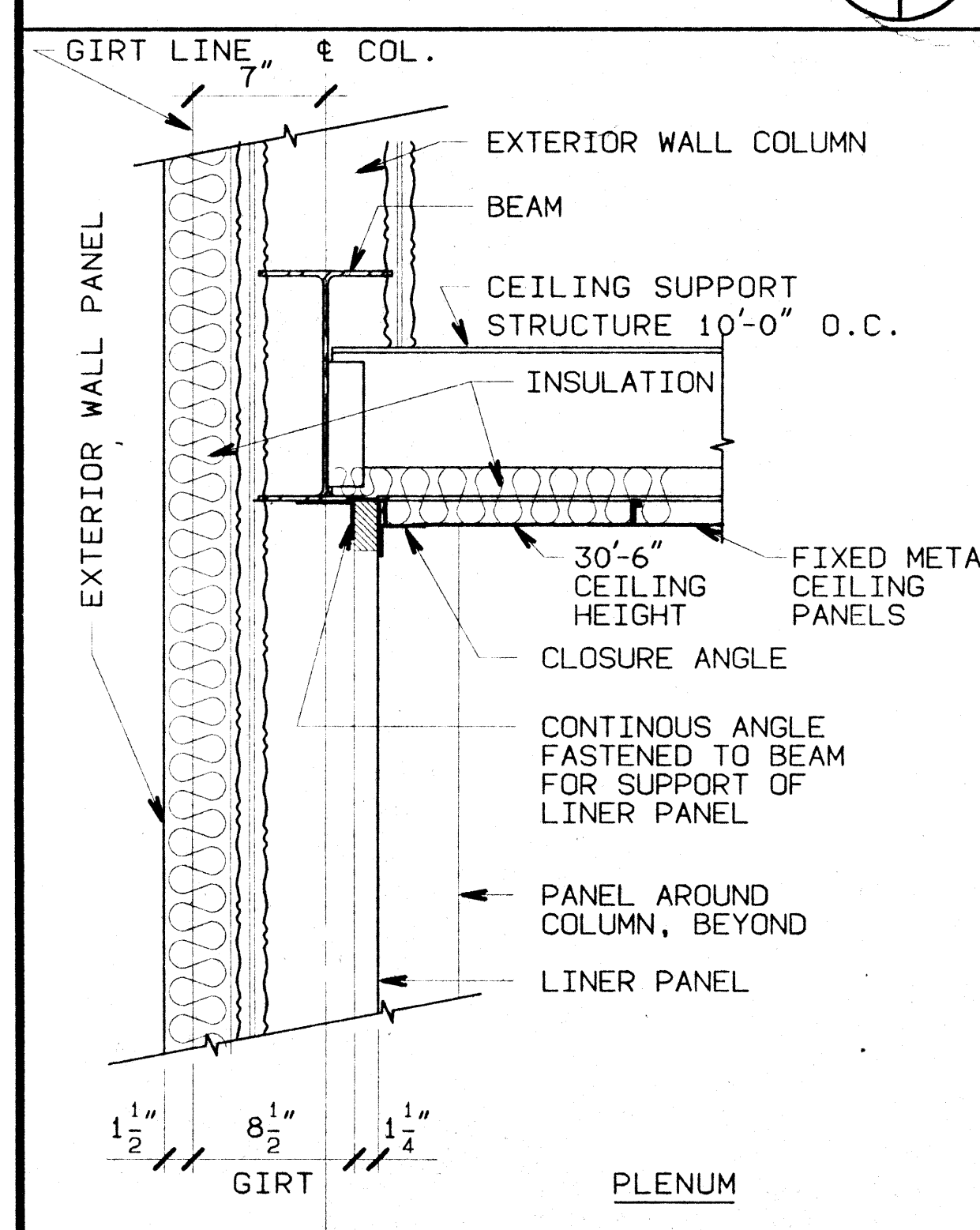
NOTE: EXTEND COMPRESSION POST MATERIAL TIGHT TO CEILING GRID AND STRUCTURE ABOVE.



GRATING SUPPORT DETAIL 11

SCALE: HALFSIZE

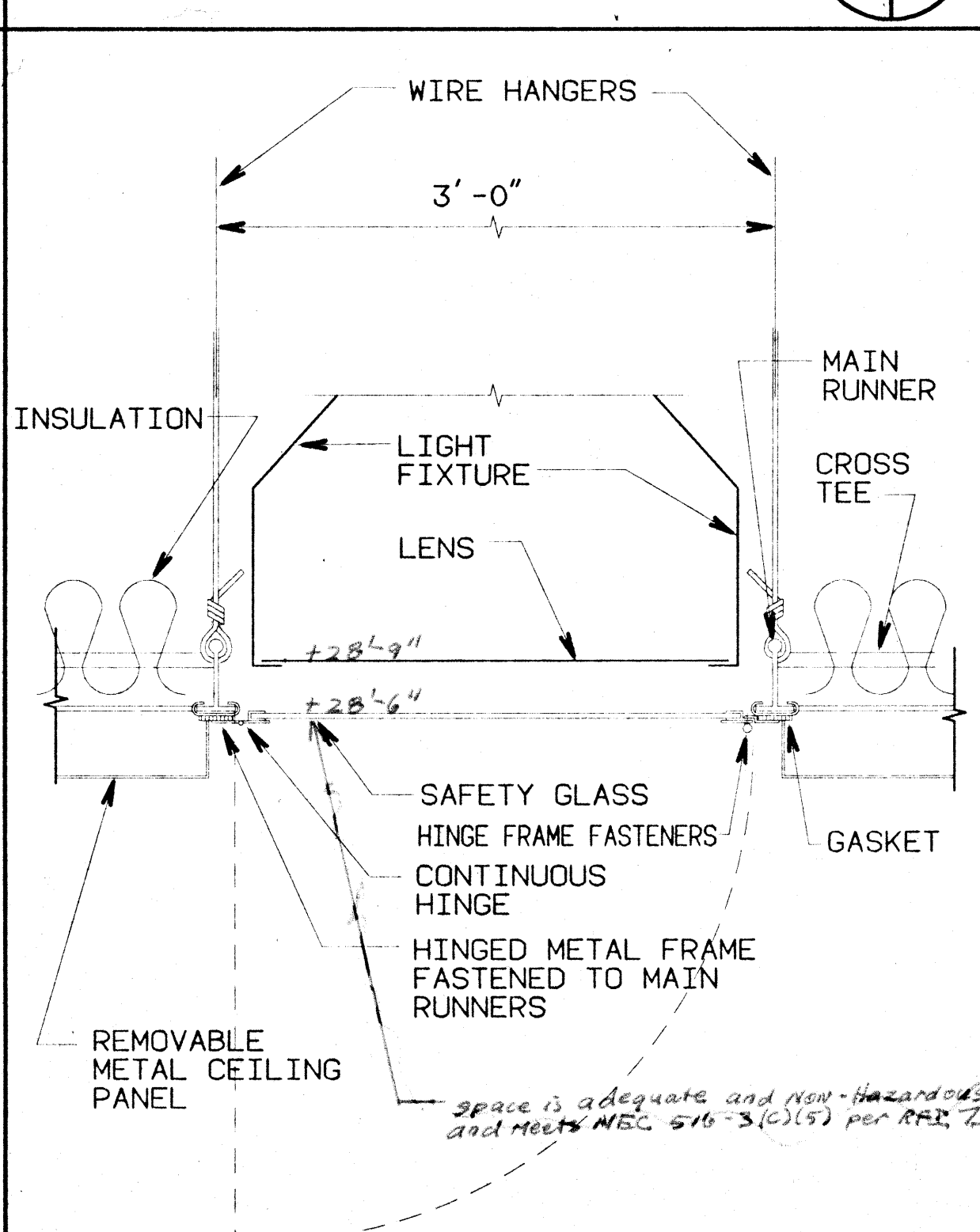
A-20 A-20



SUPPLY PLENUM DETAIL 13

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

A-13 A-20



DETAIL 14

SCALE: 3" = 1'-0"

A-8 A-20

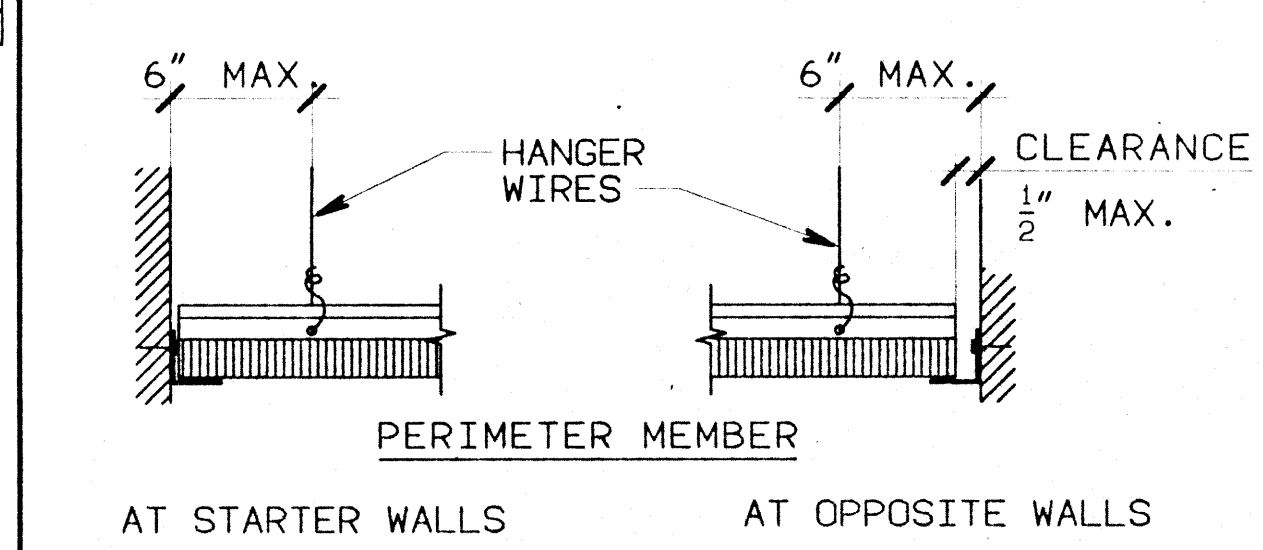
DETAIL 15

SCALE: 3" = 1'-0"

A-12 A-20

SEISMIC RESTRAINT FOR SUSPENDED CEILING 16

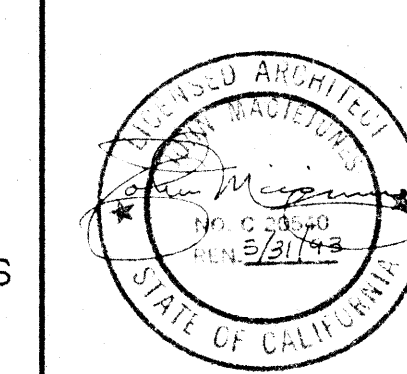
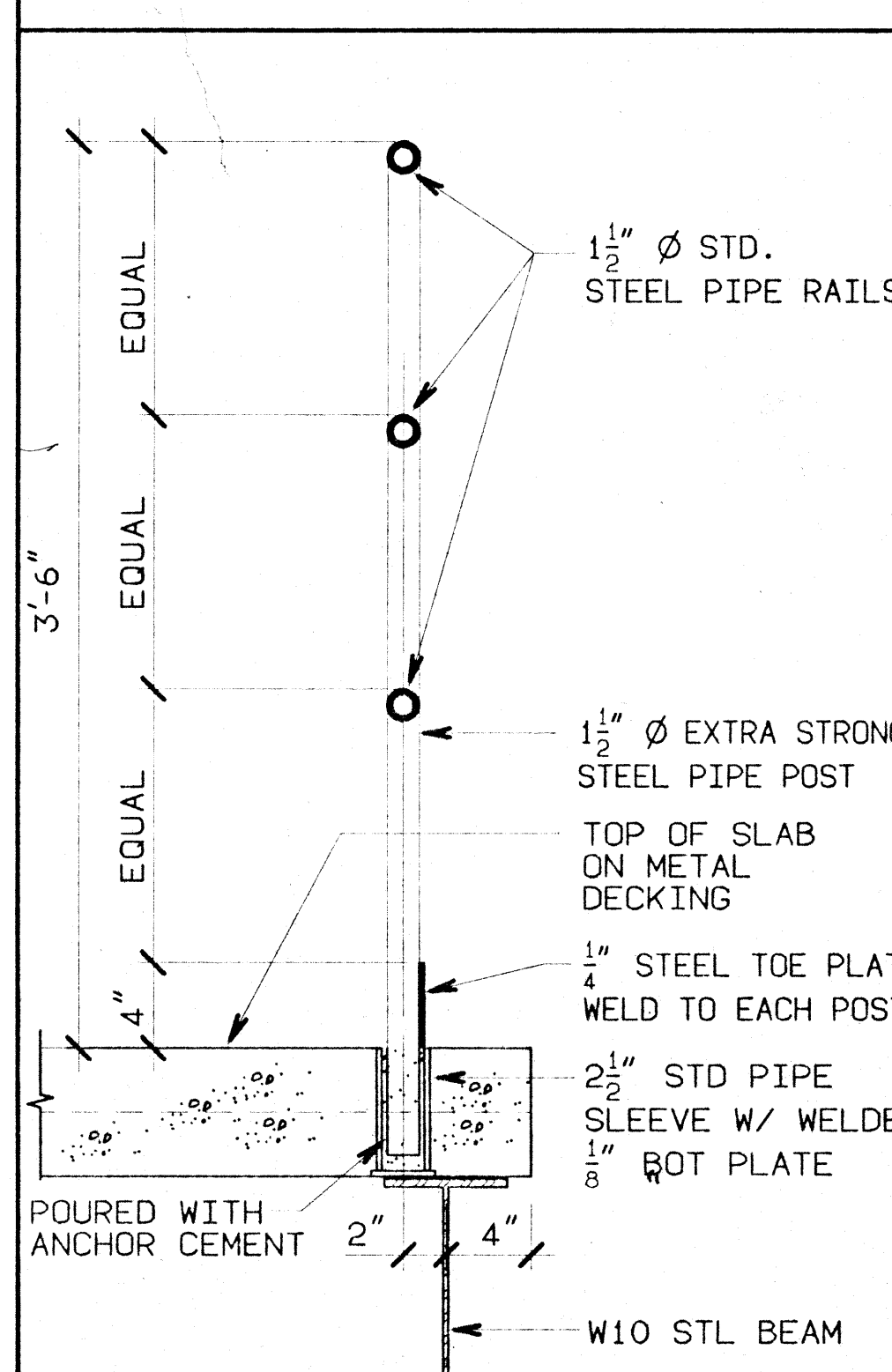
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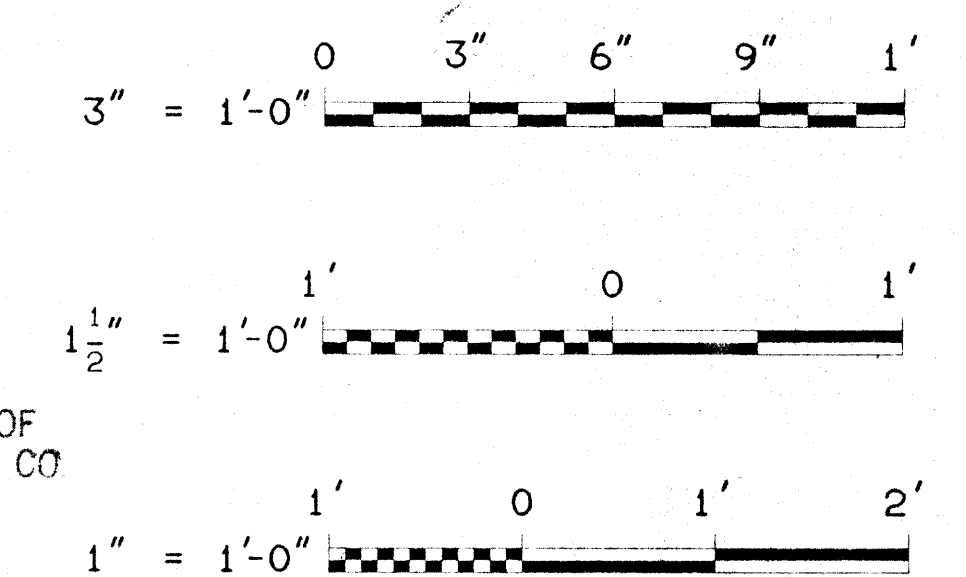
GUARDRAIL DETAIL 17

1 1/2" = 1'-0"

A-13 A-20



SIGNED ON BEHALF OF NORMAN ENGINEERING CO.



NORMAN ENGINEERING CO. CONSULTING ENGINEERS LOS ANGELES, CALIFORNIA		DEPARTMENT OF THE ARMY SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA	
DESIGNED BY: J. MACIEJUNES	DRAWN BY: O. ATIENZA	CHECKED BY: J. MACIEJUNES	
SUBMITTED BY: J. Maciejunes		DATE APPROVED: 9/30/92	SCALE: AS NOTED SHEET: A-20 FILE No: 100-25-2051
PROJECT: MCDLELLAN AIR FORCE BASE ADAL DEPOT CORROSION CONTROL FACILITY NEW AIRCRAFT PAINT FACILITY MISCELLANEOUS DETAILS - 2		SPEC No: 8529	

A. GENERAL

- ALL CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK AT THE JOBSITE.
- ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
- FOR DIMENSION AND LOCATION OF SLEEVES, CURBS, OPENINGS, EMBEDDED OR ATTACHED ITEMS REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PROCESS DRAWINGS.
- NO PIPES OR SLEEVES FOR MECHANICAL TRADES SHALL PASS THROUGH STRUCTURAL MEMBERS UNLESS SHOWN ON DRAWINGS OR APPROVED BY THE CONTRACTING OFFICER.
- ALL SUSPENDED MECHANICAL EQUIPMENT SHALL BE Laterally Braced.
- DETAILS OF CONSTRUCTION NOT SPECIFICALLY SHOWN SHALL BE IN ACCORDANCE WITH DETAILS SHOWN FOR SIMILAR CONDITIONS AND MATERIALS.
- NO WORK SHALL BE STARTED WITHOUT APPROVAL OF REQUIRED SUBMITTALS.
- FOR SIZE AND LOCATION OF EQUIPMENT PADS SEE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL VERIFY THE PAD SIZE, BOLT SIZE AND LOCATION WITH THE EQUIPMENT MANUFACTURER'S DRAWINGS.
- SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

B. DESIGN LOADS

1. LIVE LOADS

- ROOF ----- 20 PSF
- MECHANICAL ROOM ----- ACTUAL WEIGHT OF MECHANICAL EQUIPMENT OR 150 PSF NON-REDUCIBLE WHICHEVER IS GREATER.
- STAIR ----- 100 PSF OR A CONCENTRATED LOAD OF 300 POUNDS PLACED AT CENTER OF TREADS WHICHEVER IS GREATER.
- HANDRAILS ----- 50 POUNDS PER LINEAL FOOT APPLIED AT RIGHT ANGLES TO TOP RAIL.
- SLAB ON GRADE (EXCEPT HANGAR HIGH BAY AREA) -- 250 PSF.
- SLAB ON GRADE ----- UNFUELED F-111 AIRCRAFT (HANGAR HIGH BAY AREA) WHEEL LOAD OF 25,200 KIIPS WITH TIRE CONTACT PRESSURE OF 180 PSI

2. WIND LOADS

PER ANSI STANDARD A 58.1-1982 BASED ON A BASIC 50 YEAR MEAN WIND SPEED OF 70 MPH AT 33 FEET ABOVE GROUND LEVEL, AND EXPOSURE "C".

3. SEISMIC LOADS

PER AFM 88-3, CHAP. 13 BASED ON SEISMIC ZONE 3; Z = 0.75, I = 1.0, K = 1.33 AND CS = 0.14.

4. IMPACT LOADS

PER AFM 88-3.

C. FOUNDATIONS

- FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY THE GEOTECHNICAL BRANCH, U.S. ARMY ENGINEER DISTRICT, SACRAMENTO CORPS OF ENGINEERS, ENTITLED "ADAL DEPOT CORROSION CONTROL FACILITY, McLELLAN AIR FORCE BASE, CALIFORNIA - FINAL GEOTECHNICAL REPORT" DATED JANUARY 1992 AND ADDENDUM 1 DATED JUNE 8, 1992.
- FOUNDATIONS SHALL CONSIST OF SPREAD FOOTINGS LOCATED 3'-0" BELOW LOWEST ADJACENT GRADE FOR EXTERIOR FOOTINGS AND 2'-0" BELOW FINISHED SLAB FOR INTERIOR FOOTINGS.
- ALLOWABLE SOIL BEARING PRESSURE SHALL BE:
 - 3000 PSF FOR FOOTINGS WITH A WIDTH 7 FEET AND GREATER OR A LENGTH 15 FEET AND GREATER.
 - 4000 PSF FOR CONTINUOUS AND ALL OTHER COLUMN FOOTINGS.
 INCREASE ABOVE VALUES BY ONE-THIRD WHEN WIND OR SEISMIC LOADS ARE COMBINED WITH DEAD AND LIVE LOADS.

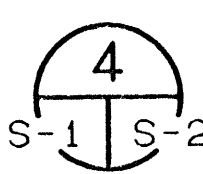
D. CONCRETE

- CONCRETE USED IN THE WORK SHALL HAVE THE FOLLOWING COMPRESSIVE STRENGTH AT 28 DAYS:
 - WALLS, FOOTINGS, GRADE BEAMS, NON-VEHICULAR SLAB ON GRADE ----- 3000 PSI, REGULAR WEIGHT
 - VEHICULAR SLAB ON GRADE (HANGAR HIGH BAY AREA) ----- 4000 PSI, REGULAR WEIGHT
 - CONCRETE FILL ON METAL DECK ----- 4000 PSI, LIGHT WEIGHT
- CONCRETE IN ALL WALLS, FOUNDATIONS, SLAB ON GRADE SHALL BE OF STONE CONCRETE UTILIZING AGGREGATES CONFORMING TO ASTM C33.
 - STRUCTURAL CONCRETE FILL ON METAL DECK SHALL BE OF LIGHT WEIGHT CONCRETE HAVING A DRY DENSITY BETWEEN 105 AND 115 POUNDS PER CUBIC FOOT WHEN TESTED IN ACCORDANCE WITH ASTM C567 AND SHALL UTILIZE EXPANDED SHALE AGGREGATE CONFORMING TO ASTM C330.
- MINIMUM CONCRETE COVER OVER REINFORCING SHALL BE AS FOLLOWS:
 - CONCRETE POURED AGAINST EARTH (UNFORMED) ----- 3"
 - CONCRETE EXPOSED TO EARTH OR WEATHER (FORMED):
 - #6 BARS THRU #18 BARS ----- 2"
 - #5 BARS AND SMALLER ----- 1 1/2"
 - CONCRETE WALLS, INTERIOR FACE OF SLAB ----- 3/4"
 - CONCRETE BEAMS, COLUMNS ----- 1 1/2"
- CONTRACTOR SHALL VERIFY ALL REQUIRED ARCHITECTURAL, MECHANICAL AND ELECTRICAL OPENINGS, SLEEVES, INSERTS, DEPRESSIONS ETC. RELATING TO THE WORK, BEFORE PLACING CONCRETE.
- SLEEVES, OPENINGS OR OTHER ATTACHMENTS NOT SHOWN ON DRAWINGS SHALL BE APPROVED BY THE CONTRACTING OFFICER PRIOR TO PLACING OF CONCRETE.

CONCRETE (CONTD.)

- ALL CONCRETE SHALL BE PLACED UNDER CONTINUOUS INSPECTION OF SPECIAL INSPECTOR APPOINTED BY THE CONTRACTING OFFICER.
- ALL CONCRETE MIXES SHALL BE DESIGNED BY A CERTIFIED INDEPENDENT TESTING LABORATORY WHICH SHALL SUBMIT COPIES OF THE DESIGN TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO USE. IT SHALL ALSO SUBMIT COPIES OF 7 DAY AND 28 DAY CYLINDER TEST RESULTS FOR EACH DESIGN MIX.
- STATEMENT OF MIX DESIGN MUST BE AT THE JOBSITE AND BATCH PLANT.

E. REINFORCING STEEL

- ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60. EXPECT TIES AND STIRRUPS (#3 AND #4) SHALL CONFORM TO ASTM A615 GRADE 40.
- WELDED WIRE FABRIC SHALL BE MADE OF COLD DRAWN WIRE AND SHALL CONFORM TO ASTM A185.
- ALL BARS SHALL BE FREE OF RUST, MILL SCALE OR MATERIAL WHICH MIGHT AFFECT THEIR BOND TO CONCRETE.
- ALL BAR BENDS SHALL BE MADE COLD.
- REINFORCING SPLICES IN CONCRETE SHALL BE PER DETAIL 
- REINFORCING SPLICES IN CONCRETE MASONRY SHALL BE 40 BAR DIAMETERS OR 24" WHICHEVER IS GREATER.
- NO REBENDING OF REBARS SHALL BE PERMITTED.
- APPROVED REINFORCING STEEL PLACING DRAWINGS ARE REQUIRED AT THE JOBSITE ONE DAY PRIOR TO PLACING OF REINFORCING STEEL.

F. STRUCTURAL STEEL

- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATIONS AND CODE OF STANDARD PRACTICE, NINTH EDITION, 1989.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 EXCEPT AS NOTED ON THE DRAWINGS.
- STEEL PIPE SHALL CONFIRM TO ASTM A53, TYPE E OR S, GRADE B.
- STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B.
- CARBON STEEL BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A307, GRADE A.
- BOLTED CONNECTIONS USED IN THE WORK SHALL BE MADE WITH 3/4" DIA. HIGH STRENGTH BOLTS, FRICTION TYPE, CONFORMING TO ASTM A325 FOR ALL CONNECTIONS UNLESS OTHERWISE NOTED. MINIMUM CONNECTION SHALL CONSIST OF TWO BOLTS.
- HIGH STRENGTH BOLTS SHALL BE INSTALLED AND INSPECTED IN ACCORDANCE WITH DIRECT TENSION INDICATOR TIGHTENING OF AISC SPECIFICATION S314.
- CONNECT DOUBLE ANGLE COMPRESSION MEMBERS AT 3'-0" O.C. MAXIMUM AND TENSION MEMBERS 4'-6" O.C. MAXIMUM WITH 3/4" DIA. BOLTS (A307) WITH RING FILLER OR EQUAL. GUSSET PLATE SHALL BE 3/8" MINIMUM UNLESS OTHERWISE NOTED. See RFI 68 note of right.
- ALL WELDING SHALL BE PERFORMED BY CONTRACTING OFFICER APPROVED WELDERS. ALL WELDING SHALL BE PERFORMED USING THE ELECTRIC ARC PROCESS IN ACCORDANCE WITH THE APPLICABLE PORTION OF THE WELDING CODE-STEEL, AWS D1.1.
- ALL BUTT WELDS SHALL BE FULL PENETRATION UNLESS OTHERWISE NOTED.
- ALL FILLET WELDS SHALL BE 3/16" MINIMUM UNLESS OTHERWISE NOTED.
- IN ADDITION TO THE VISUAL INSPECTIONS, OTHER NON-DESTRUCTIVE TESTS SHALL BE PERFORMED FOR NOT LESS THAN 20% OF FULL PENETRATION WELDS PER AWS D1.1 AND DEFECTS REPAIRED.
- PROVIDE CONTINUOUS INSPECTION FOR FIELD WELDING AND HIGH STRENGTH BOLTING BY INSPECTORS APPROVED BY THE CONTRACTING OFFICER.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO FABRICATION. NO STRUCTURAL STEEL SHALL BE FABRICATED OR ERECTED UNTIL SHOP DRAWINGS HAVE BEEN APPROVED.
- ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
- CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AS REQUIRED TO MAINTAIN THE ALIGNMENT AND STRUCTURAL STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- GROUT UNDER THE COLUMN BASE PLATES SHALL BE NON-SHRINK TYPE CONFORMING TO ASTM C 1107.

G. METAL FLOOR DECK

- ALL SHEET STEEL FOR DECK SHALL CONFORM TO ASTM A446. MINIMUM $F_y = 33,000$ PSI.
- SHEETS SHALL HAVE RECEIVED, BEFORE BEING FORMED, HOT DIP ZINC PROTECTIVE COATING CONFORMING TO REQUIREMENTS OF ASTM A521.
- DECKING UNITS SHALL BE DESIGNED TO PROVIDE THE MINIMUM SECTION PROPERTIES SHOWN ON THE DRAWINGS.
- STEEL DECK SHALL BE WELDED IN PLACE BY CONTRACTING OFFICER APPROVED WELDERS. CONTINUOUS INSPECTION IS REQUIRED BY INSPECTOR APPROVED BY THE CONTRACTING OFFICER.

H. MASONRY

- CONCRETE MASONRY UNITS SHALL BE CONCRETE HOLLOW BLOCK TYPE I, GRADE N-1 CONFORMING TO ASTM C-90, $f'_m = 1350$ PSI.
- MORTAR AND GROUT MIXES SHALL CONFORM TO CONTRACT SPECIFICATION.
- MASONRY UNITS SHALL BE LAID TO PROVIDE UNOBSTRUCTED VERTICAL CONTINUITY OF GROUT SPACE. HEIGHT OF GROUT LIFT SHALL NOT EXCEED 4'-0".
- ALL SPACES AND COURSES CONTAINING REINFORCEMENT, STRAP ANCHORS, ANCHOR BOLTS AND BELOW GRADE SHALL BE FILLED SOLID WITH GROUT. GROUT SHALL BE POURED TO ASSURE FILLING OF ALL VOIDS.
- REFER TO REINFORCING STEEL NOTES FOR REINFORCING STEEL REQUIREMENT.
- TOP OF ALL FOUNDATIONS TO RECEIVE MASONRY SHALL BE ROUGHENED TO A FULL AMPLITUDE OF 1/8" TO EXPOSE COARSE AGGREGATE FIRMLY EMBEDDED IN MORTAR MATRIX.
- DOWELS SHALL BE THE SAME SIZE AND SPACING AS MAIN REINFORCING.
- ADDITIONAL REINFORCING SHALL BE PROVIDED AROUND ALL OPENINGS AS INDICATED.

J. SPECIAL INSPECTION

- FIELD WELDING SHALL BE INSPECTED FOR ALL WELDS ACCORDING TO SECTION 6, PART A, OF AWS D1.1 UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
- HIGH STRENGTH BOLTING SHALL BE INSPECTED DURING ALL BOLTING INSTALLATIONS AND TIGHTENING OPERATIONS.

EXCEPTIONS: THE SPECIAL INSPECTOR NEED NOT BE PRESENT DURING THE ENTIRE INSTALLATION AND TIGHTENING OPERATION PROVIDED HE HAS:

 - INSPECTED THE SURFACES AND BOLT TYPE FOR CONFORMANCE TO PLANS AND SPECIFICATIONS PRIOR TO START OF BOLTING.
 - AND WILL, UPON COMPLETION OF ALL BOLTING, VERIFY THE MINIMUM SPECIFIED BOLT TENSION FOR 10 PERCENT OF BOLTS FOR EACH CONNECTION. BUT NOT LESS THAN 2 BOLTS SELECTED AT RANDOM.

K. REFERENCE ELEVATION

ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE REFERENCE ELEVATIONS. USE FOLLOWING EQUATION TO CONVERT TO ACTUAL ELEVATIONS.

REFERENCE ELEVATION 0'-0" = ACTUAL ELEVATION 63'-6".

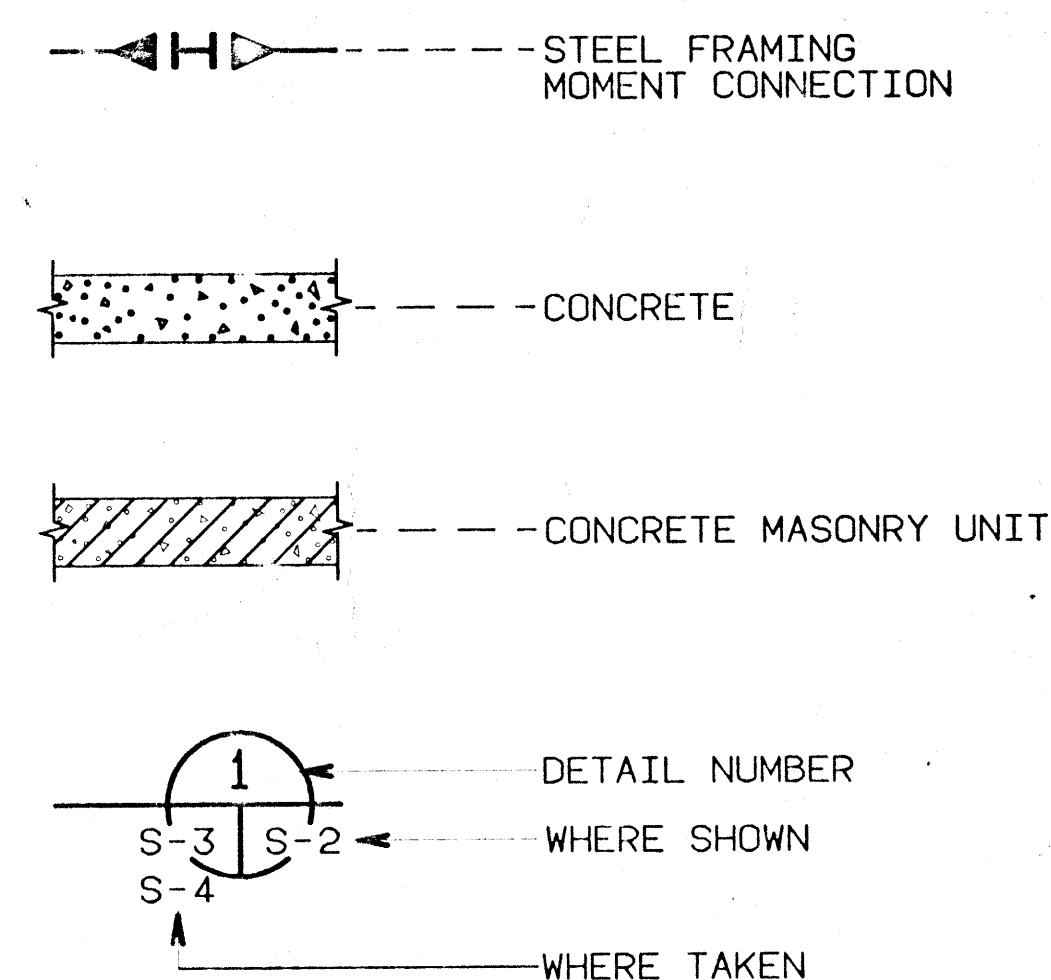
ABBREVIATIONS

A.B. ---- ANCHOR BOLT	DIM ---- DIMENSION
ACI ---- AMERICAN CONCRETE INSTITUTE	DL ---- DEAD LOAD
ADDL ---- ADDITIONAL	DN ---- DOWN
AISC ---- AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DO ---- DITTO
AISI ---- AMERICAN IRON AND STEEL INSTITUTE	DWL ---- DOWEL
ANCH ---- ANCHOR	DWG ---- DRAWING
ANSI ---- AMERICAN NATIONAL STANDARD INSTITUTE	EA ---- EACH
APPROX -- APPROXIMATE	EF ---- EACH FACE
ARCH ---- ARCHITECT, ARCHITECTURAL	EL ---- ELEVATION (HEIGHT)
ASCE ---- AMERICAN SOCIETY OF CIVIL ENGINEERS	ELEV -- ELEVATION (VIEW)
ASTM ---- AMERICAN SOCIETY FOR TESTING AND MATERIALS	EQ ---- EQUAL, EQUALLY
AWS ---- AMERICAN WELDING SOCIETY	ES ---- EACH SIDE
& ---- AND	EW ---- EACH WAY
@ ---- AT	EXIST --- EXISTING
BAL ---- BALANCE	EXP JT -- EXPANSION JOINT
BLOG ---- BUILDING	EXT ---- EXTERIOR
BLK ---- BLOCK	FDN ---- FOUNDATION
BM ---- BEAM	FIN FLR - FINISHED FLOOR
BOP ---- BOTTOM OF PIPE	FIN GR -- FINISHED GRADE
BOS ---- BOTTOM OF STEEL	FL ---- FLOOR, FLOOR LINE
BOT ---- BOTTOM	FLG ---- FLANGE
BRG ---- BRACING	FS ---- FAR SIDE
C/C ---- CENTER TO CENTER	FT ---- FEET / FOOT
CHKD PL - CHECKERED PLATE	FTG ---- FOOTING
CLR ---- CLEAR, CLEARANCE	FRMG ---- FRAMING
COL - --- COLUMN	G ---- GIRDER
CONC ---- CONCRETE	GA ---- GAUGE, GAGE
CONN ---- CONNECT, CONNECTION	GALV ---- GALVANIZED
CONST --- CONSTRUCTION	GOVT ---- GOVERNMENT
CONT ---- CONTINUOUS, CONTINUE	GRG ---- GRATING
CORR ---- CORRUGATE, CORRUGATED	HD ---- HEAD
CTR ---- CENTER	HEX ---- HEXAGON
CU YD --- CUBIC YARD	HOR ---- HORIZONTAL
CF ---- CROSS FRAME	HP ---- HIGH POINT
DEG* ---- DEGREE	HR ---- HANDRAIL
DET ---- DETAIL	HSB ---- HIGH STRENGTH BOLTS
DIA, Ø -- DIAMETER	HT ---- HEIGHT
DIAG ---- DIAGONAL	HVAC ---- HEATING, VENTILATING AND AIR CONDITIONING
	HVY ---- HEAVY
	IN ---- INCH
	INT ---- INTERIOR
	INV ---- INVERT
	JT ---- JOINT
	K ---- KIPS
	LAB ---- LABORATORY
	LBS ---- POUNDS


ABBREVIATIONS (CONTD.)

L ---- LENGTH
LL ---- LIVE LOAD
LLH ---- LONG LEG HORIZONTAL
LLV ---- LONG LEG VERTICAL
LONG ---- LONGITUDINAL
LP ---- LOW POINT
MTL ---- MATERIAL
MAX ---- MAXIMUM
MECH ---- MECHANICAL
MFR ---- MANUFACTURER
MIN ---- MINIMUM
MISC ---- MISCELLANEOUS
MK ---- MARK
MO ---- MASONRY OPENING
MPH ---- MILES PER HOUR
MTD ---- MATERIAL TAKE OFF
NIC ---- NOT IN CONTRACT
NO.# ---- NUMBER
NS ---- NEAR SIDE
NTS ---- NOT TO SCALE
O.C. ---- ON CENTER
O.D. ---- OUTSIDE DIAMETER
OPNG ---- OPENING
OPP ---- OPPOSITE
PC ---- PIECE
PD ---- PEDESTAL
PL ---- PLATE
PRELIM -- PRELIMINARY
PROJ ---- PROJECTION
PSI ---- POUNDS PER SQUARE INCH
PSF ---- POUNDS PER SQUARE FOOT
RC ---- REINFORCED CONCRETE
REBAR --- REINFORCING STEEL
RECT ---- RECTANGLE, RECTANGULAR
REF ---- REFERENCE
REINF --- REINFORCE, REINFORCEMENT
REOD ---- REQUIRED
REV ---- REVISED, REVISION
SCHED --- SCHEDULE
SECT ---- SECTION
SLBB ---- SHORT LEG BACK TO BACK
SIM ---- SIMILAR
SPCG ---- SPACING
SPCS ---- SPACES
SPEC ---- SPECIFICATION
SO. ---- SQUARE
STD ---- STANDARD
STIFF ---- STIFFENER
STL ---- STEEL
STRUCT -- STRUCTURE, STRUCTURAL
SYMM ---- SYMMETRICAL
T ---- TRUSS
T&B ---- TOP AND BOTTOM
TLMP ---- TEMPORARY
THK ---- THICK
TOC ---- TOP OF CONCRETE
TYP ---- TYPICAL
TOS ---- TOP OF STEEL
UNO ---- UNLESS OTHERWISE NOTED
UOS ---- UNLESS OTHERWISE SPECIFIED
VERT ---- VERTICAL
W/ ---- WITH
WL ---- WORK LINE
WP ---- WORKING POINT
WT ---- WEIGHT
WWF ---- WELDED WIRE FABRIC

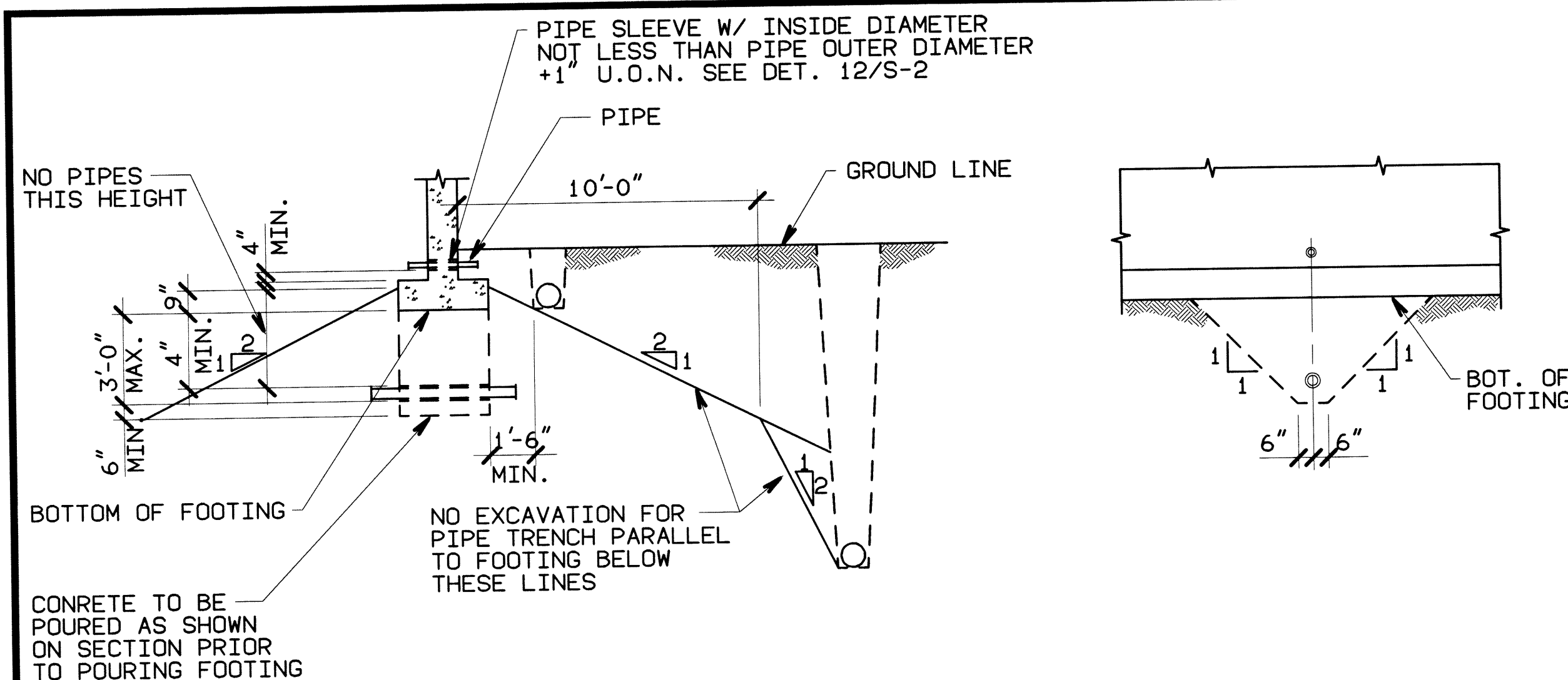
LEGEND



RFI 68 Re: Note B under structural steel. Cross braces are in tension and K-braces are in compression for rafter spacing requirements. Welded plates are acceptable at the proper spacing - weld testing and inspection is required.

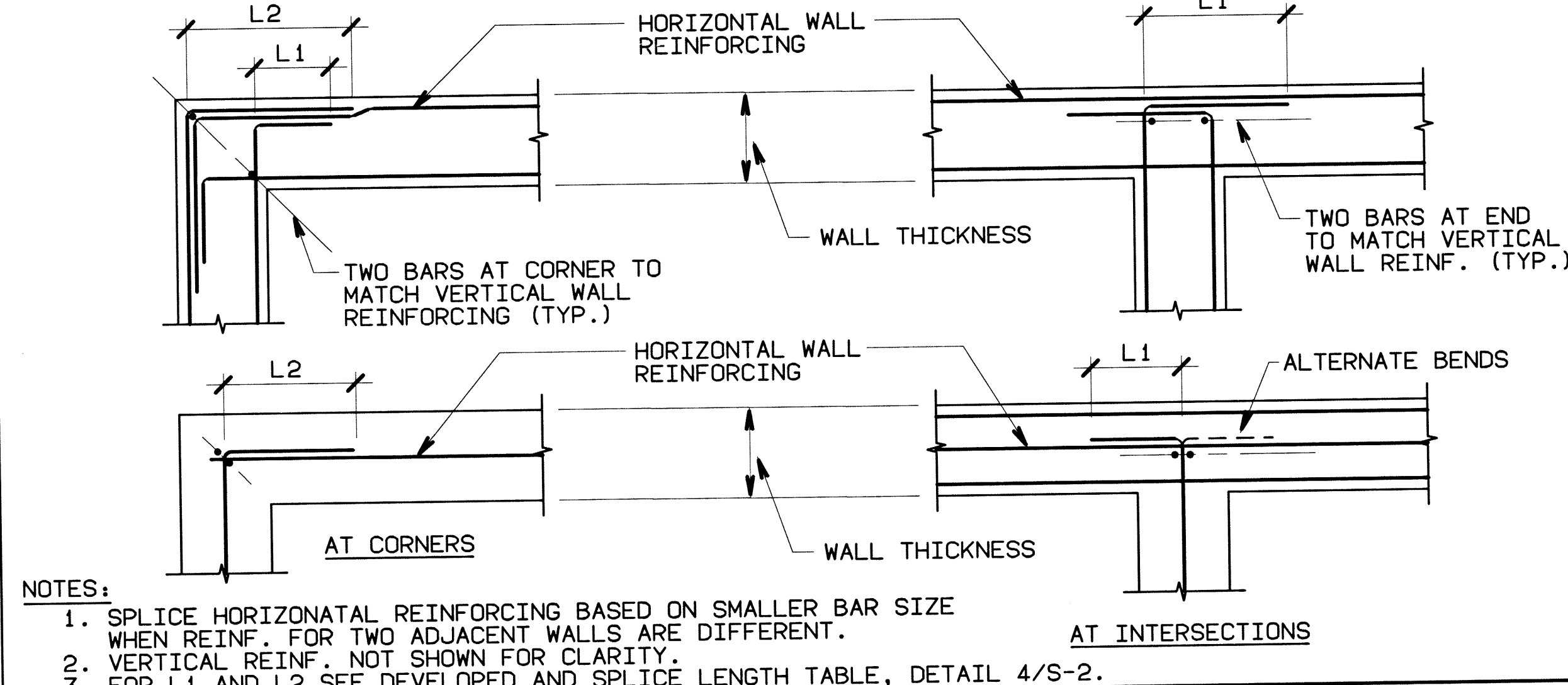
DATE	11/25/92	REVISION	NOTES	BY	RT
NORMAN ENGINEERING CO. DEPARTMENT OF THE ARMY 1000 10TH AVENUE, SACRAMENTO, CALIFORNIA 95833 SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA					
DESIGNED BY: A. KOLESNIK DRAWN BY: K. KAMIMURA CHECKED BY: N. PATEL			MCLELLAN AIR FORCE BASE ADAL DEPOT CORROSION CONTROL FACILITY NEW AIRCRAFT PAINT FACILITY GENERAL NOTES, ABBREVIATIONS AND LEGEND		
SUBMITTED BY: 		DATE: 9/30/92		SHEET: S-1 OF: 36	
PROJECT: 100-25-2051		SCALE: NONE		GRID: 8929	

FUNCTIONAL ANALYSIS - VE PAYS



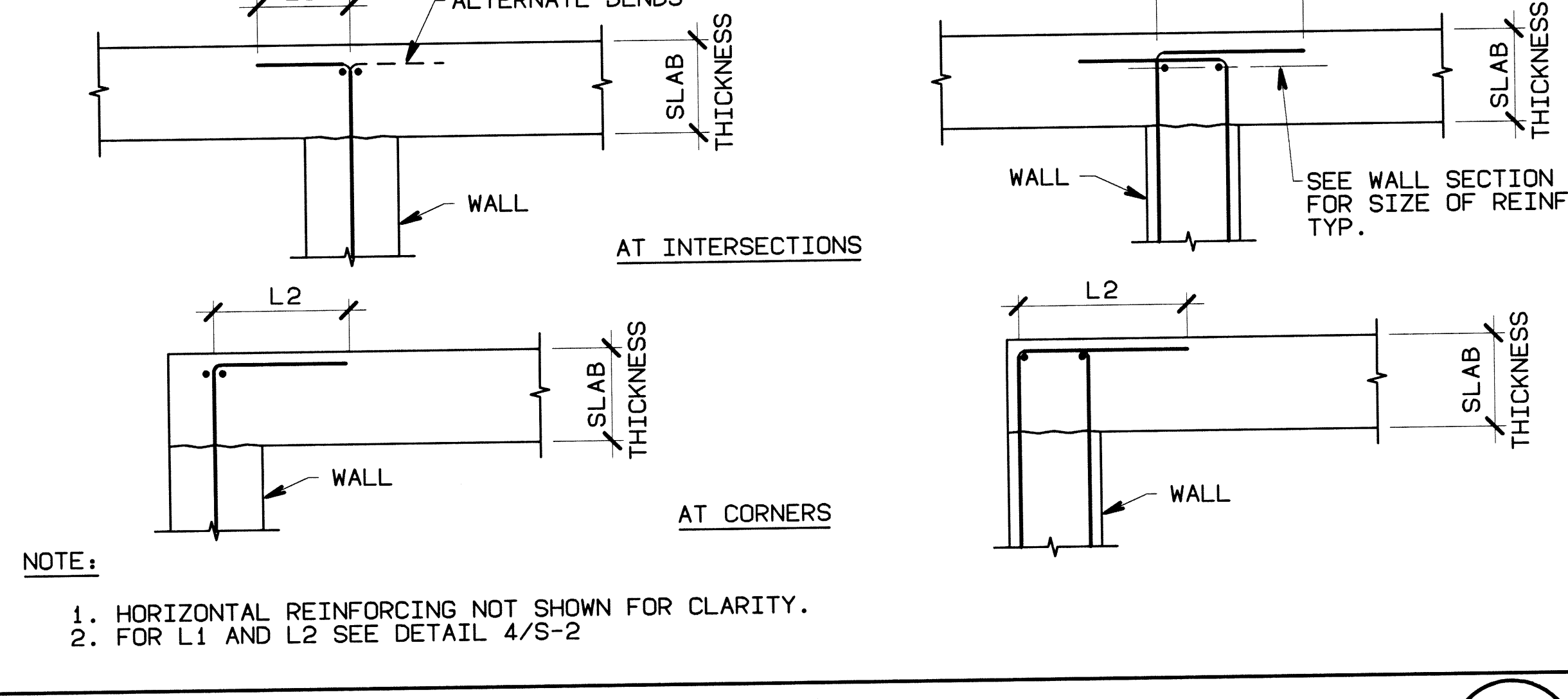
BURIED PIPE NEAR FOUNDATIONS

NOT TO SCALE



HORIZONTAL WALL REINFORCING

NOT TO SCALE



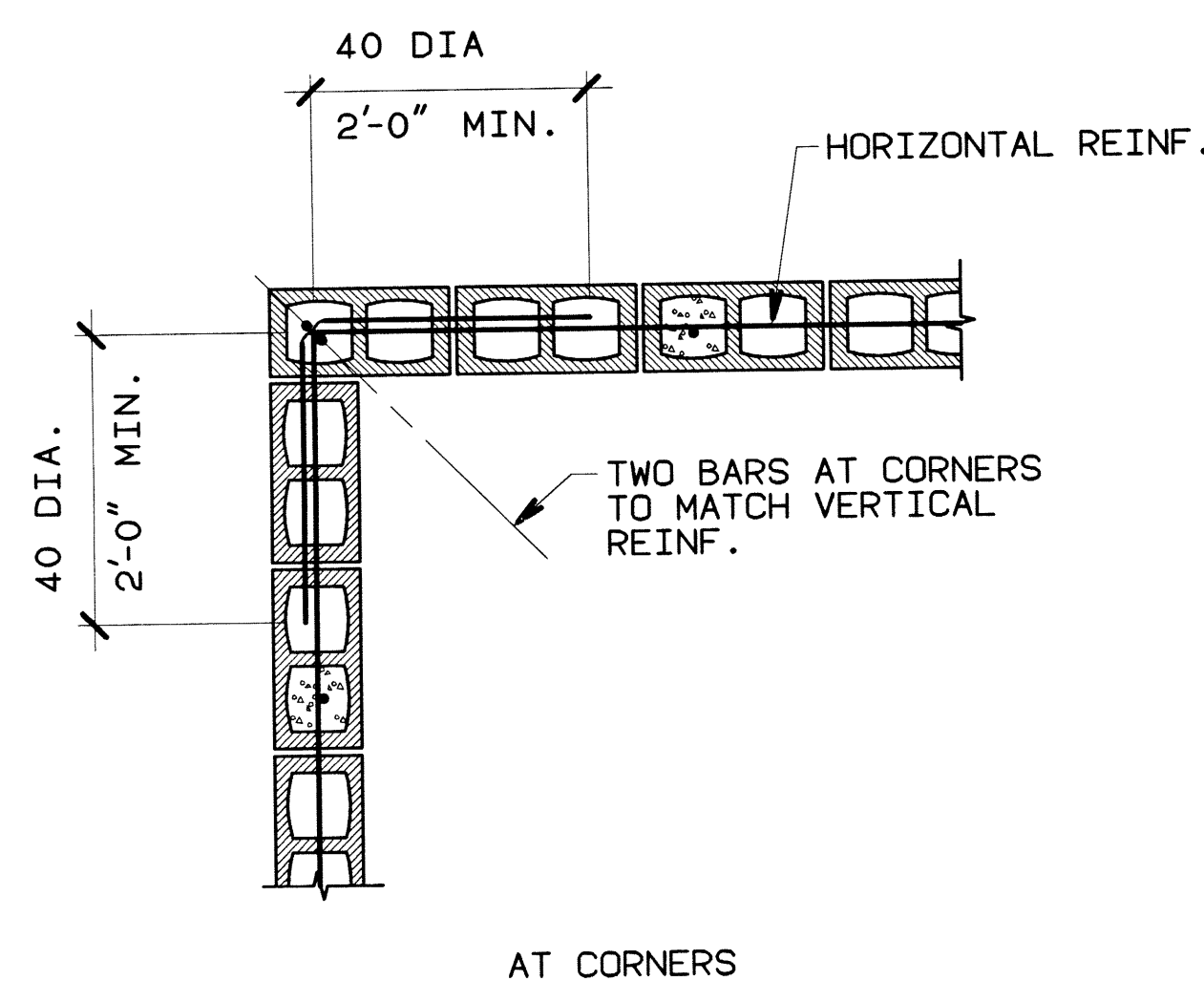
VERTICAL WALL REINFORCING

NOT TO SCALE

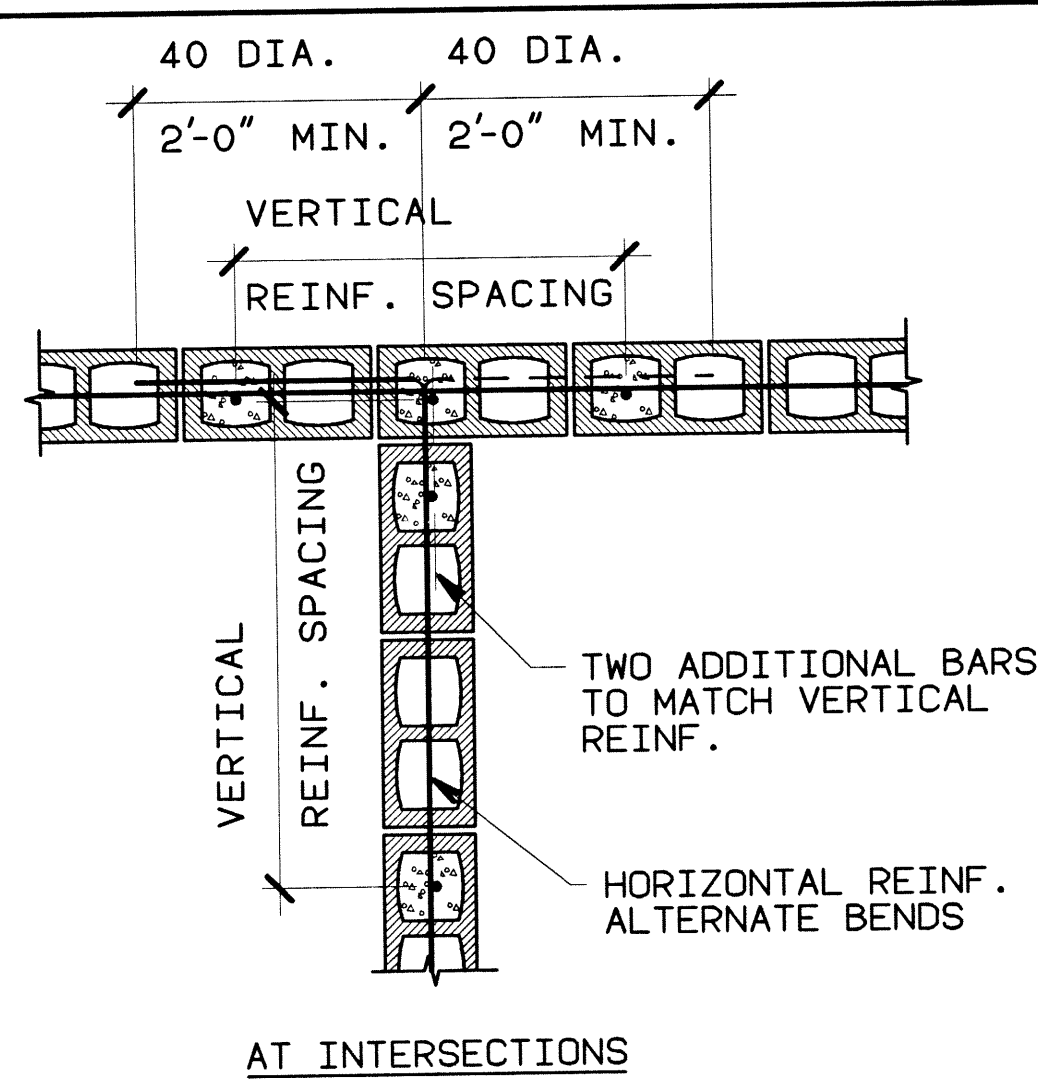
BAR SIZE	DEVELOPED LENGTH L1		SPICE LENGTH L2	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	13	12	21	15
#4	17	12	29	20
#5	21	15	36	26
#6	27	19	46	33
#7	37	26	62	45
#8	48	35	82	59
#9	61	44	104	74
#10	78	56	132	95
#11	96	68	163	116

NOTE:

1. LENGTHS SPECIFIED ARE FOR BARS SPACED LESS THAN 6" ON CENTERS. FOR BARS SPACED 6" OR MORE USE 80% OF THE VALUES.

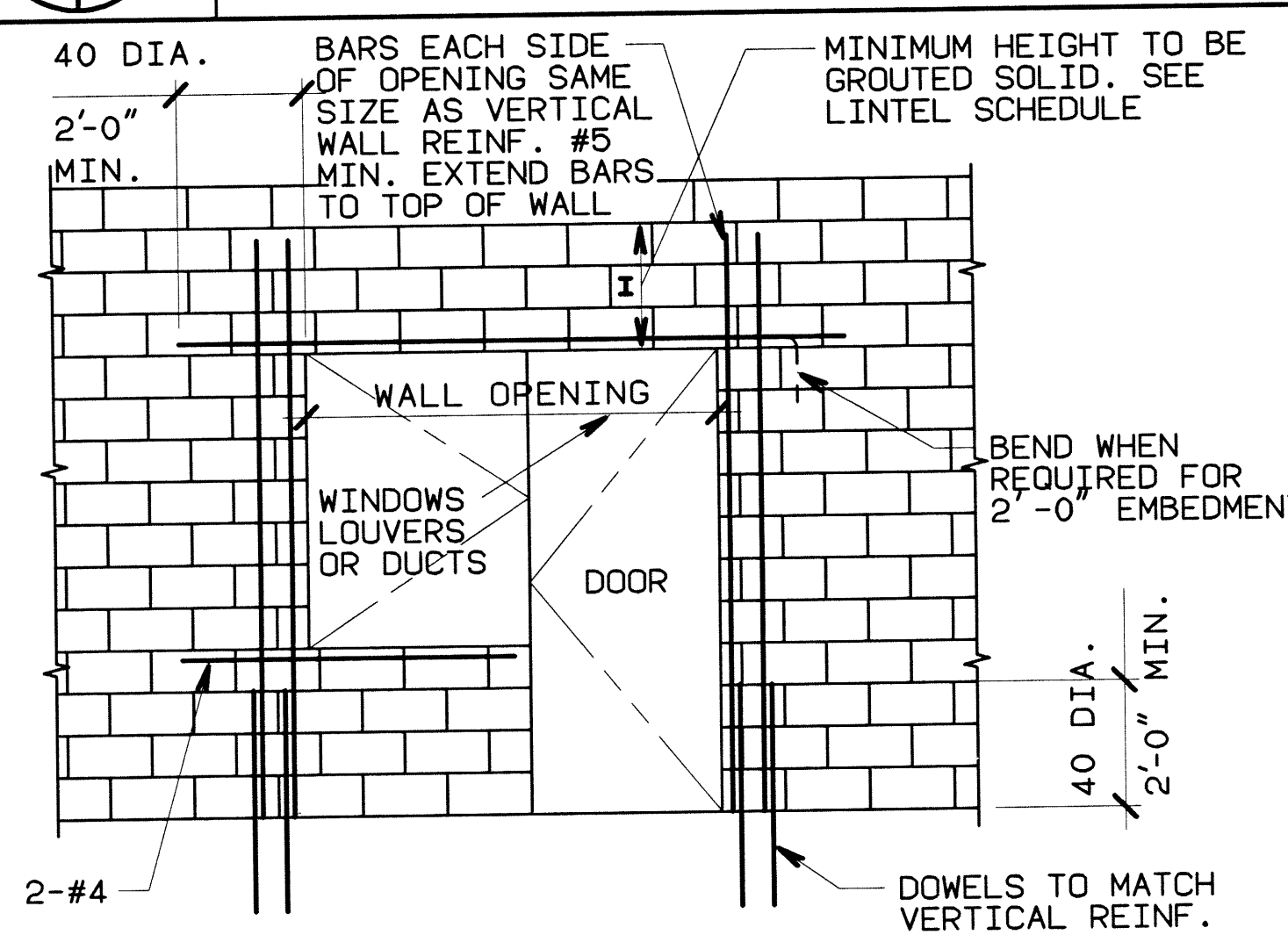


AT CORNERS



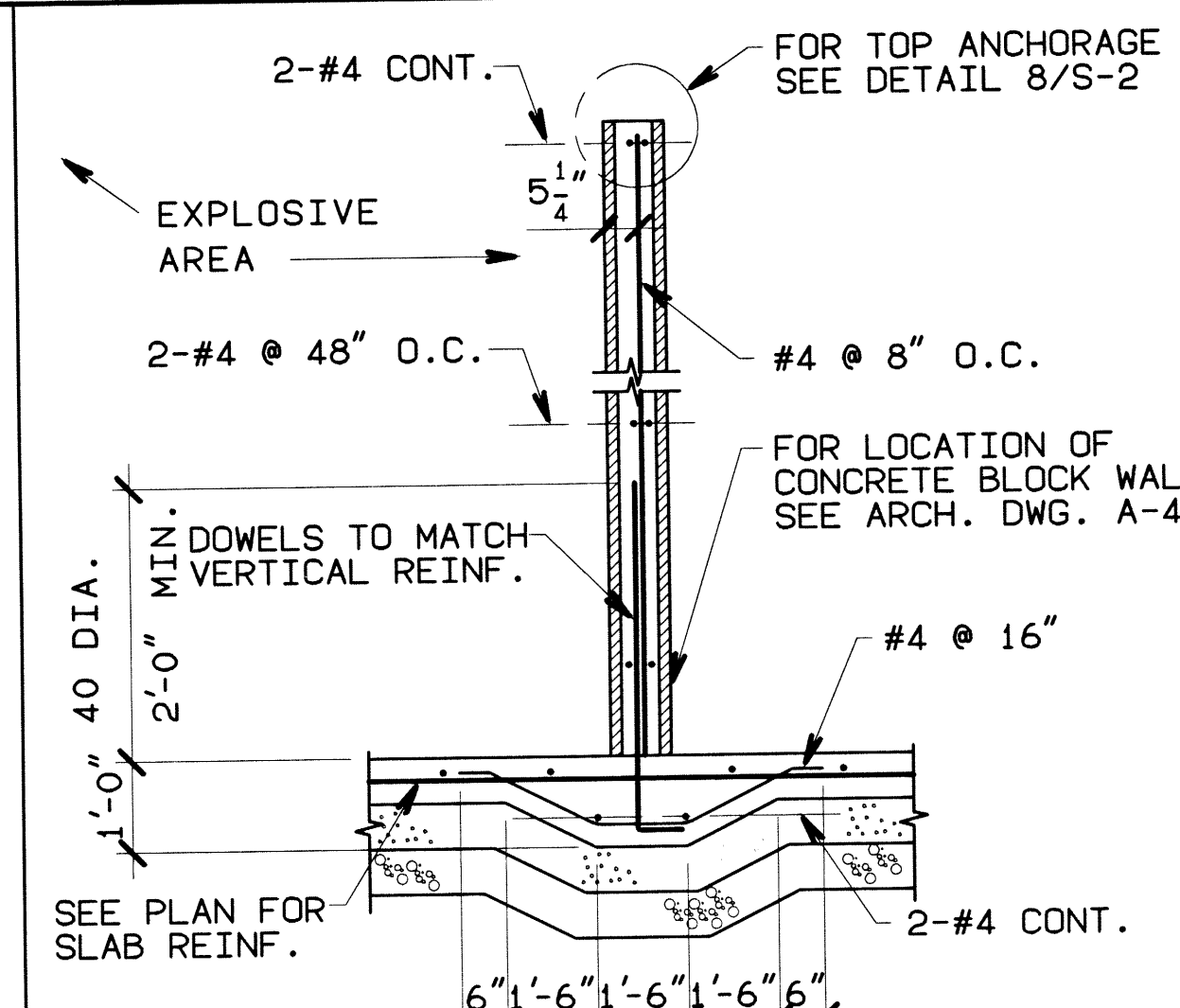
AT INTERSECTIONS

LINTEL SCHEDULE		
WALL OPENING	REINF.	HEIGHT "H"
UP TO 6'-0"	2-#5	2'-0"
>6'-0" <14'-0"	2-#6	2'-8"



REINFORCING AT CONCRETE MASONRY WALL OPENING

NOT TO SCALE



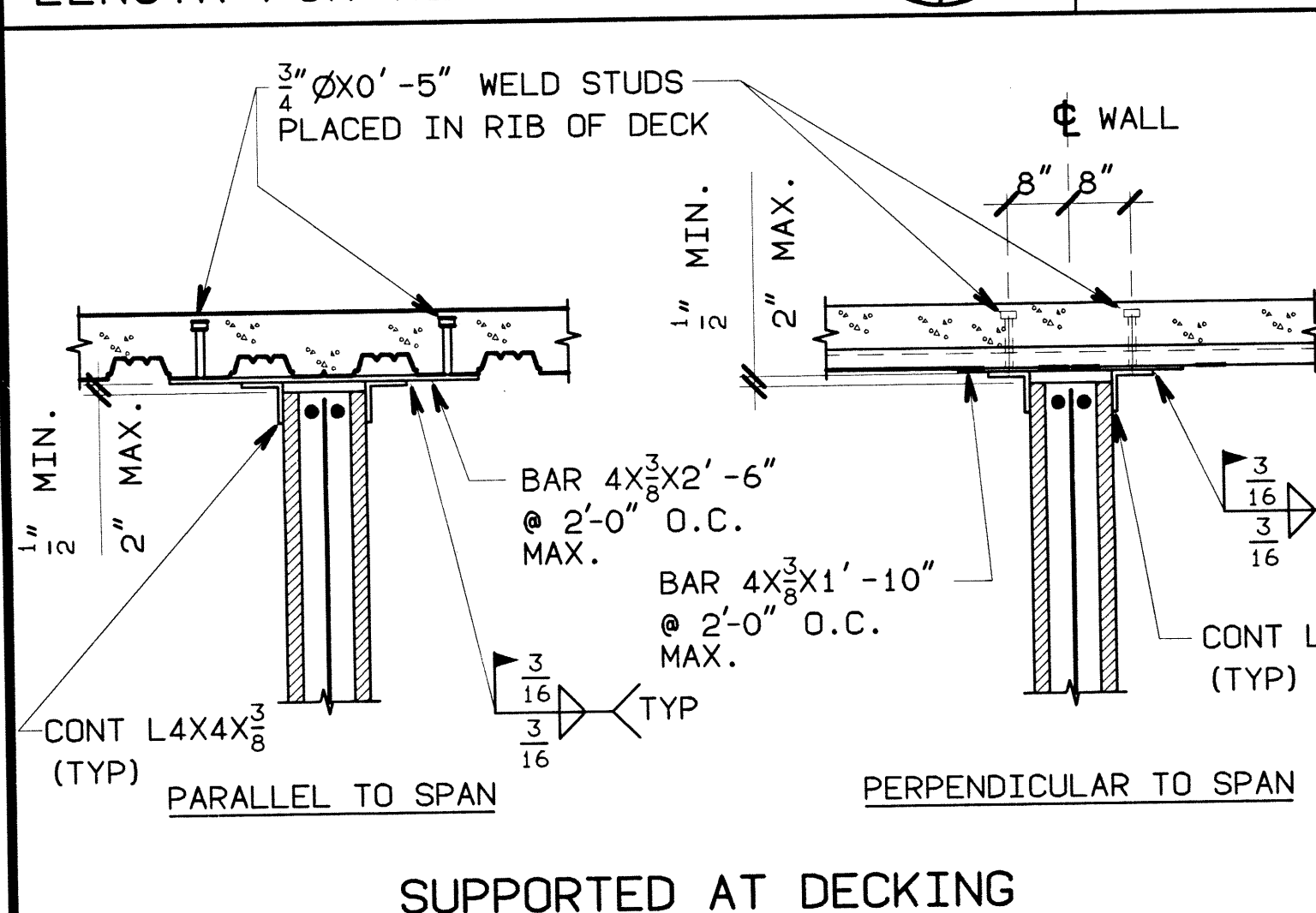
NON-LOAD BEARING CONCRETE MASONRY WALL

NOT TO SCALE

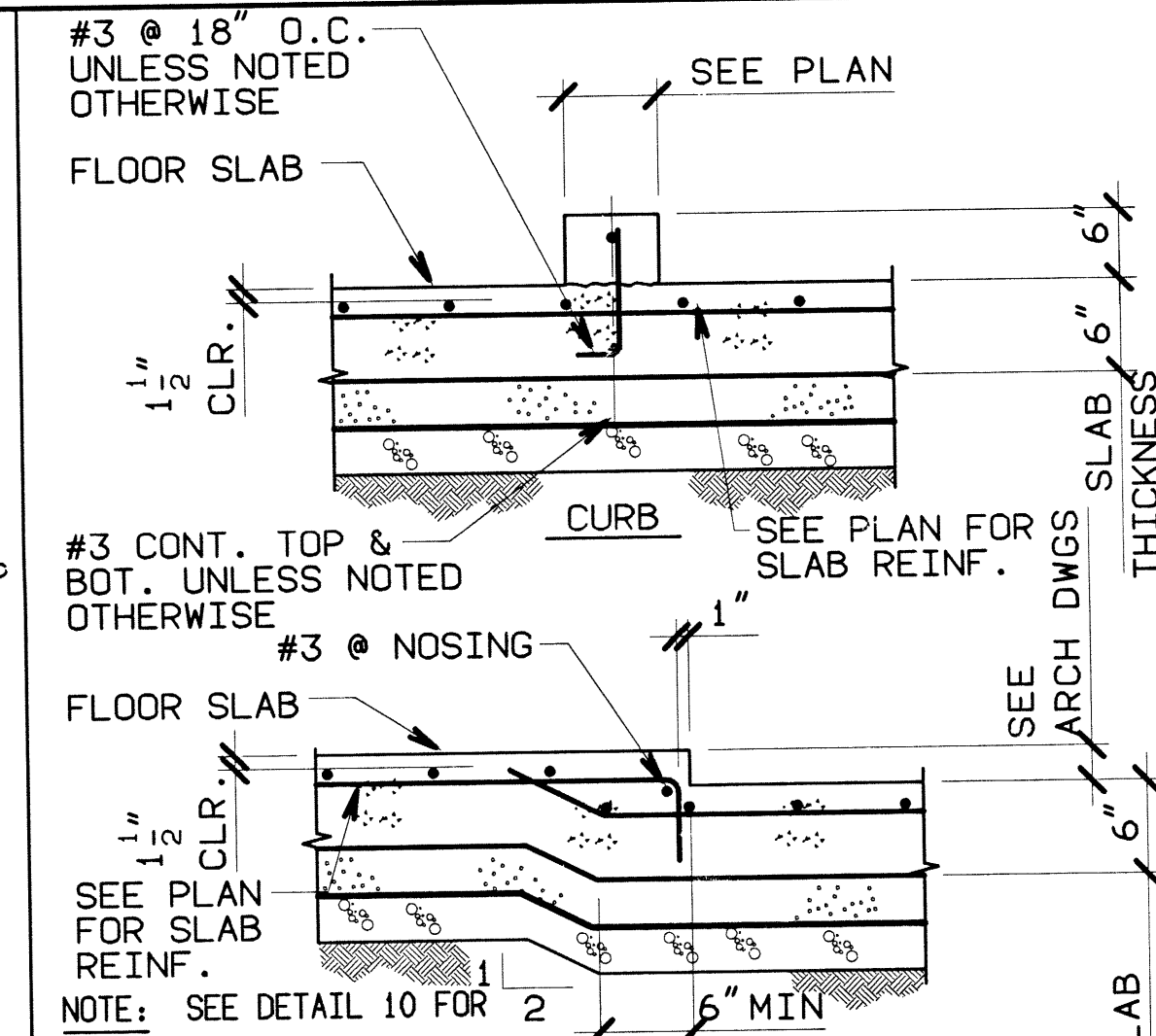
DEVELOPED AND SPICE LENGTH FOR REINFORCING S-1, S-2

CONCRETE MASONRY WALL (HORIZONTAL REINF.)

NOT TO SCALE

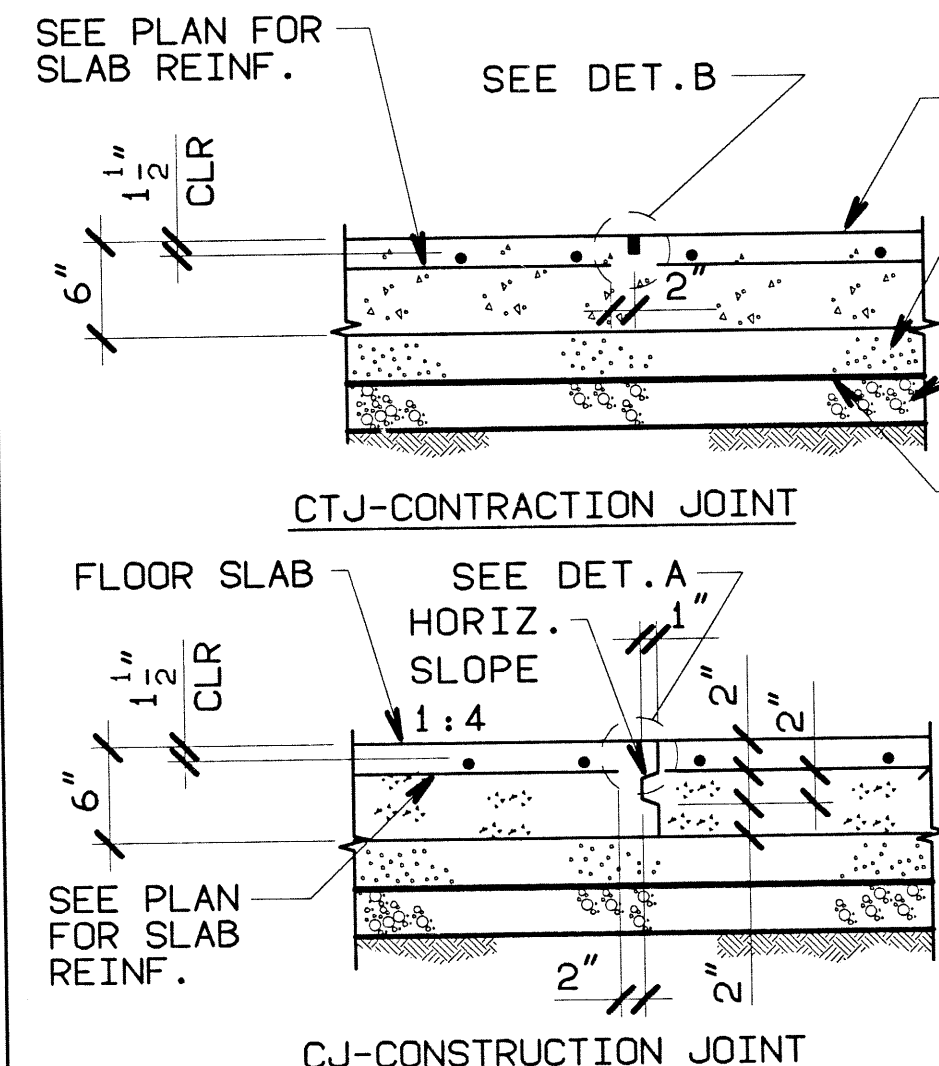


SUPPORTED AT DECKING



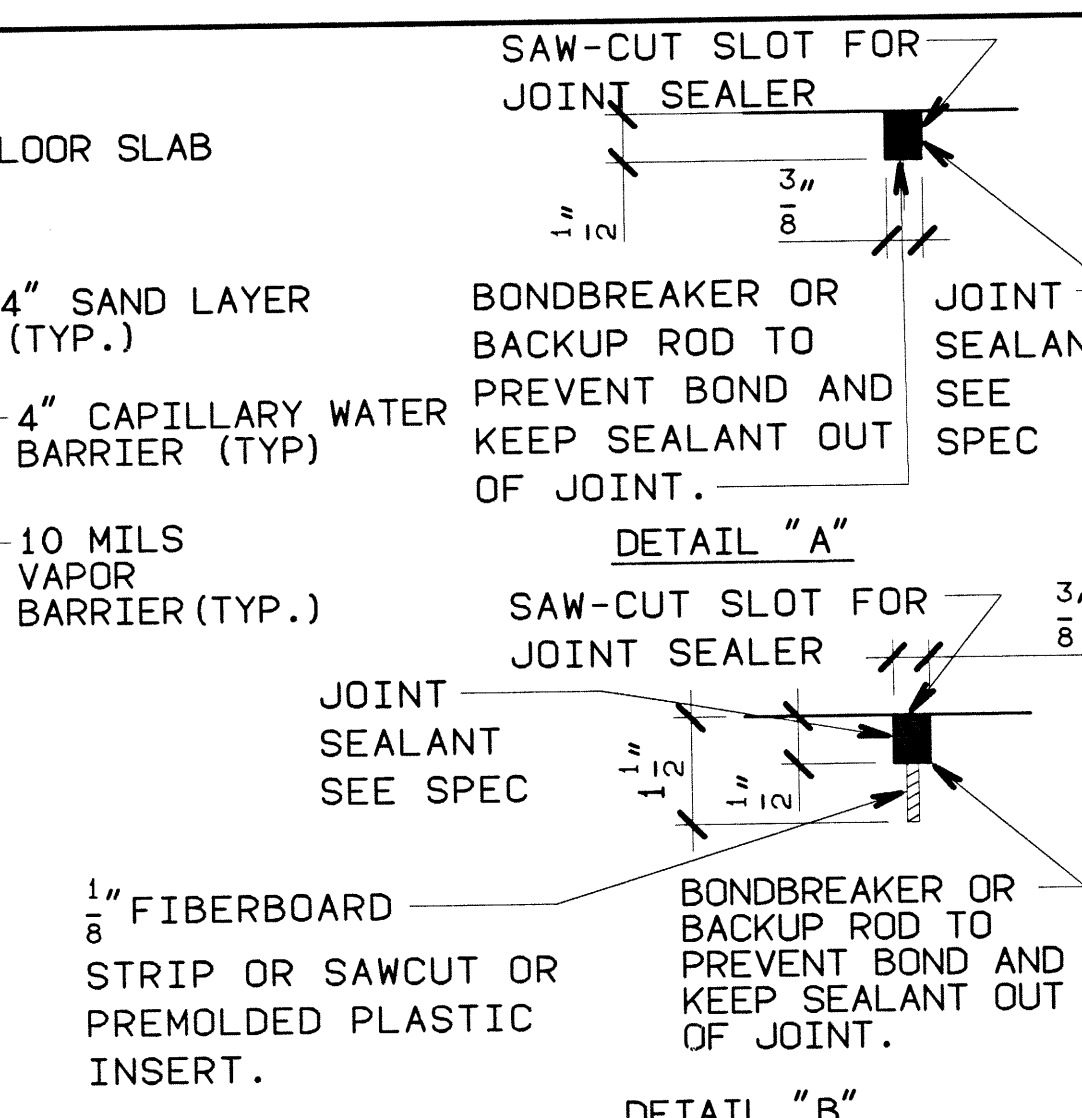
SLAB ON GRADE

NOT TO SCALE



CONTROL JOINTS

(FOR SLAB ON GRADE EXCEPT HANGAR-HIGH BAY AREA)



EQUIPMENT PADS

NOT TO SCALE

NON-BEARING CONCRETE MASONRY WALL ANCHORAGE

NOT TO SCALE

SLAB ON GRADE

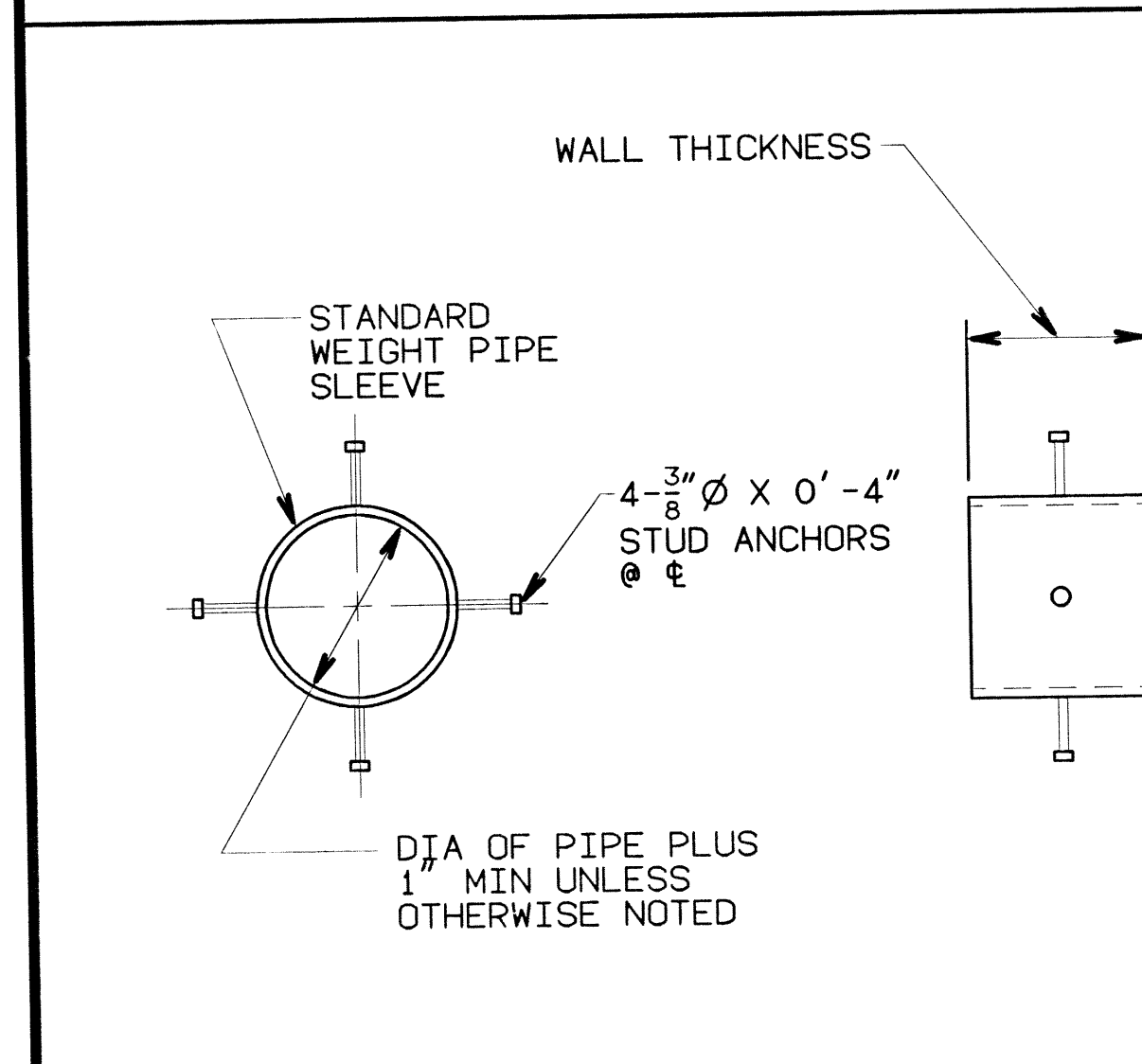
NOT TO SCALE

CONTROL JOINTS

(FOR SLAB ON GRADE EXCEPT HANGAR-HIGH BAY AREA)

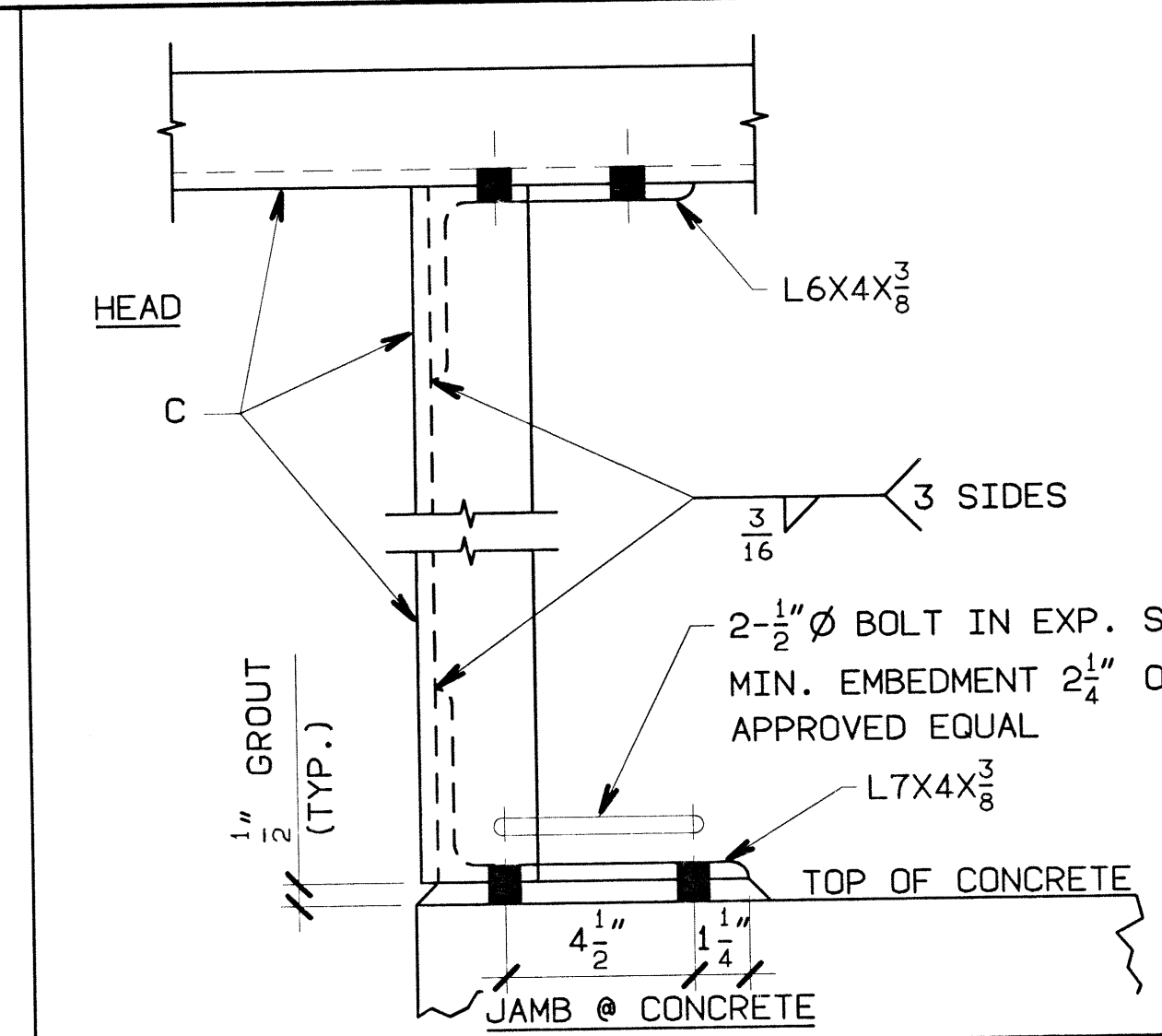
EQUIPMENT PADS

NOT TO SCALE



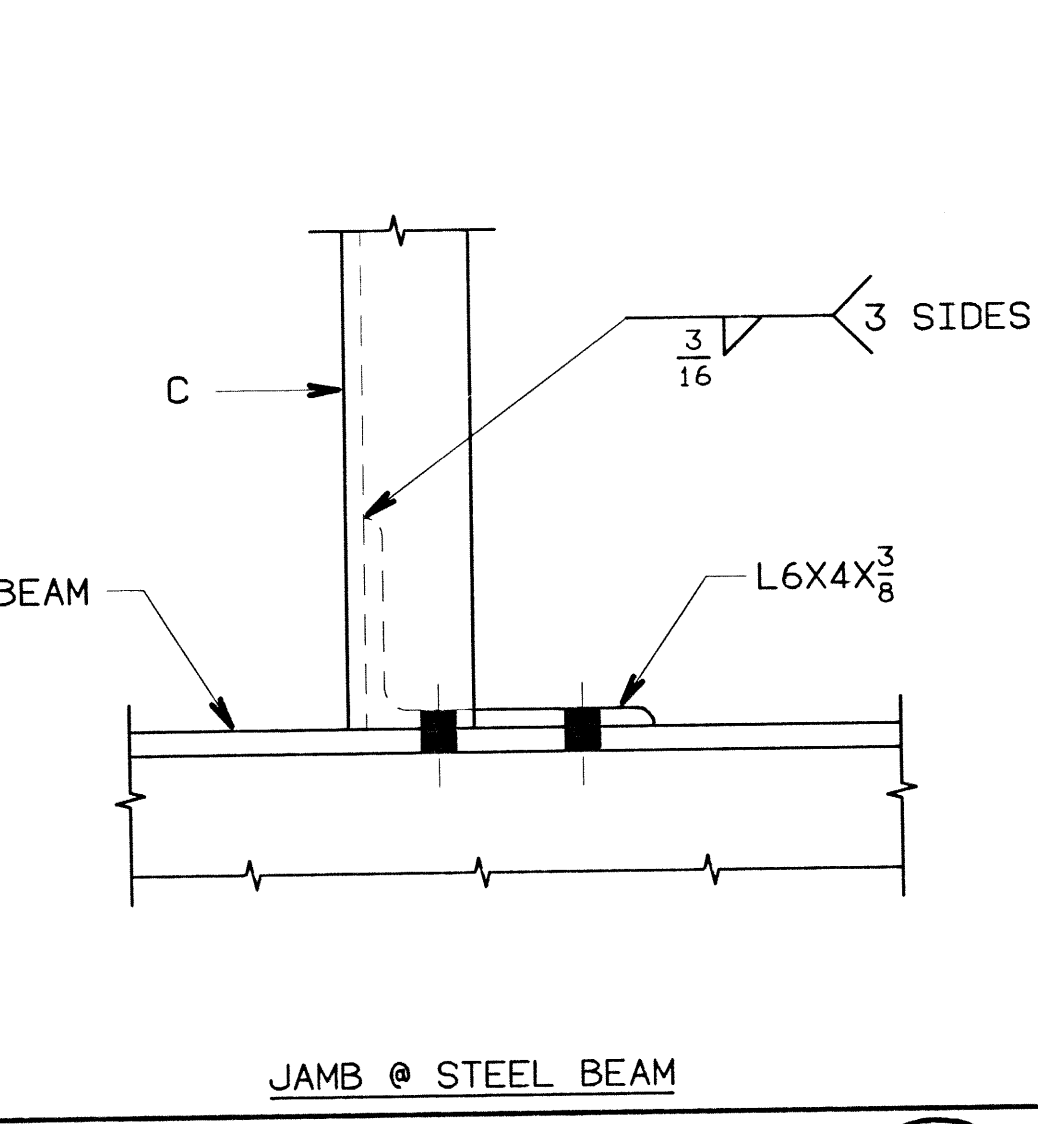
PIPE SLEEVES IN CONCRETE

NOT TO SCALE



DOOR JAMB AND HEAD CONNECTION DETAILS

NOT TO SCALE



SLAB ON GRADE-JOINT PATTERN DETAIL - NON-VEHICULAR

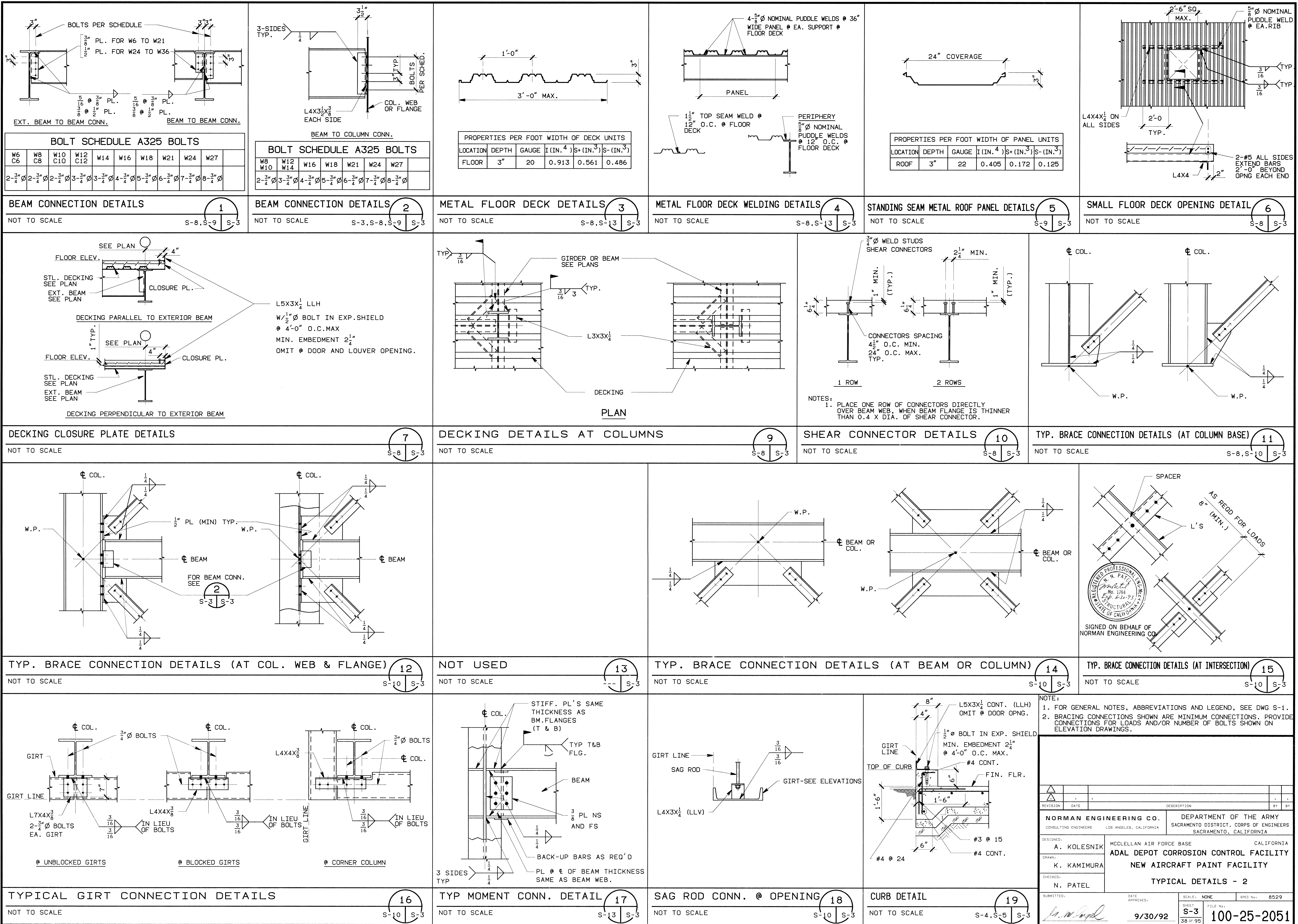
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NOTE:

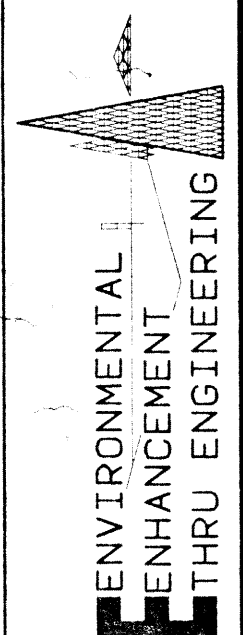
1. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND, SEE DRAWING S-1.

NORMAN ENGINEERING CO. CONSULTING ENGINEERS LOS ANGELES, CALIFORNIA		DEPARTMENT OF THE ARMY SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA	
DESIGNED BY A. KOLESNIK	CHECKED BY K. KAMIMURA	PROJECT NO. 8529	SHEET NO. 100-25-2051
SUBMITTED BY N. PATEL		DATE 9/30/92	SCALE NONE

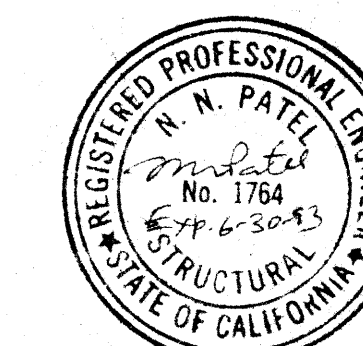
FUNCTIONAL ANALYSIS - VE PAYS



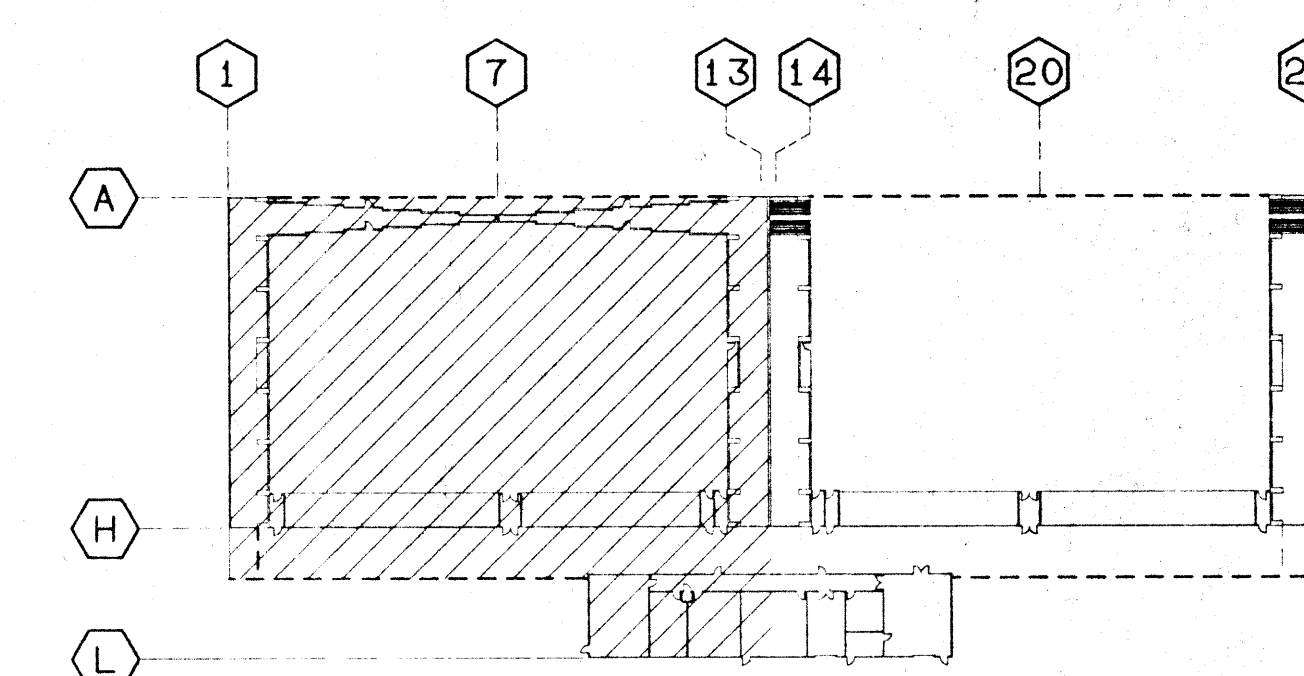
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

1. FOR COLUMN AND FOOTING SIZES, SEE COLUMN SCHEDULE, DWG. S-14.
2. FOR FOOTING EXCAVATION DETAIL SEE 13/C-5
3. FOR EQUIPMENT PAD A, SEE DETAIL 11 ON DWG. S-2, COORDINATE WITH EQUIPMENT LOCATION.



SIGNED ON BEHALF OF
NORMAN ENGINEERING CO.



NOT TO SCALE

 					
DIVISION	DATE	DESCRIPTION			BY
NORMAN ENGINEERING CO.		DEPARTMENT OF THE ARMY			
CONSULTING ENGINEERS		SACRAMENTO DISTRICT, CORPS OF ENGINEERS			
LOS ANGELES, CALIFORNIA		SACRAMENTO, CALIFORNIA			
DESIGNED:	MCCLELLAN AIR FORCE BASE		CALIFORNIA		
J. BYON	ADAL DEPOT CORROSION CONTROL FACILITY				
DRAWN:	NEW AIRCRAFT PAINT FACILITY				
K. KAMIMURA	FOUNDATION AND FIRST FLOOR PLAN - 1				
CHECKED:					
N. PATEL					
SUBMITTED:	DATE APPROVED:	SCALE:	1" = 1'-0"	SPEC No. 8529	
	9/30/92	SHEET	FILE No.		
		S-4	100-25-2051		
		39 OF 95			

SAFETY PAYS

BF