

PC 04-101268

BCSD - Cesar Chavez
STKP# 62
S/N's: 55996-55997

RELOCATABLE CLASSROOM BUILDINGS

BUILDING SIZE: 24'x40'

MODTECH JOB #4134

CLASS LEASING

STOCKPILE # 62

JOB # SERIAL NUMBER

4153 MONO 55976-56045 (35) CR

4134 DUAL 56082-56099(9) RH/CR

4134 DUAL 56112-56117 (3) W/SINK

4134 DUAL 56138-56139 (1) ADMIN

4134 DUAL 56136-56137 (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 (1) CR

4250 MONO 57453-57454 (1) CR W/SINK

4284 DUAL 57675-57678 (2) CR W/TOILET ROOM

4302 DUAL 57939-57942 (2) CR

4350 MONO 58849-58852 (2) CR

BUILDING A - STANDARD CLASSROOM

BUILDING B - ADMINISTRATION

BUILDING C - COMPUTER LAB

JOB #

SERIAL NUMBER

4304 DUAL 57948-57955 (4) 58107-58108 (1)

4347 DUAL 58839-58848 (5)

4422 MONO 60102-60107 (3)

4506 MONO 47150-01/02 THRU 47158-01/02 (9)

100 BUILDINGS TOTAL

REVISED NOV 09 2000

CBC 1998

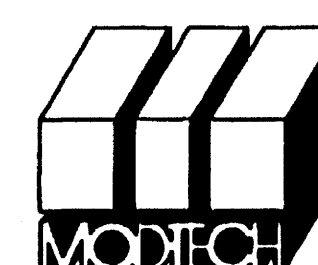
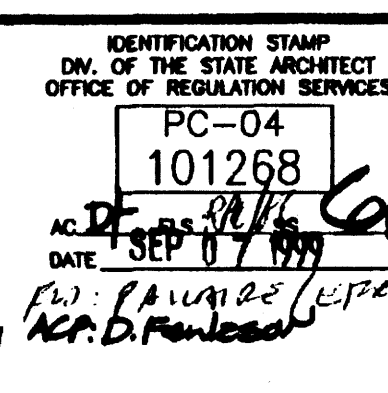
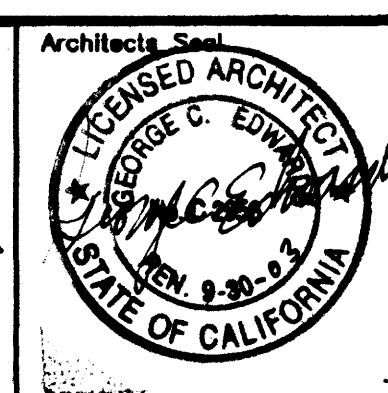
REVISIONS			
SP	ADDED ALT NOTE AND ELEC. DWG'S	11/9/00	

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal



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

BUILDING DATA

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

BUILDING AREA: 24'x40' BUILDING - 960 SF

APPLICABLE CODES

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

APPLICABLE STANDARDS

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

LEGEND

SYMBOL	DESCRIPTION
(1)	DETAIL (1) ON SAME SHEET AS SYMBOL
(2)	DETAIL (1) ON SHEET (2)
1	KEY NOTE (1) ON SAME SHEET AS SYMBOL
A	SECTION "A" ON SHEET (2)
1	REVISION/CHANGE IN DRAWING. (1) IS FIRST REVISION
CLOUD	HIGHLIGHTS CHANGED AREA
1	DOOR REFERENCE
A	WINDOW REFERENCE
EL	ELECTRICAL ITEM(S) SEE ELECTRICAL DRAWINGS
HV	HEATING/VENTILATING & AIR CONDITIONING ITEM(S) SEE MECHANICAL DRAWINGS
PLG	PLUMBING ITEM(S) SEE MECHANICAL DRAWINGS
STR	STRUCTURAL ITEM(S) SEE STRUCTURAL DRAWINGS
FIN	FINISH ITEM(S) SEE FINISH SCHEDULE
RAMP	RAMP - SEE RAMP DRAWINGS

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

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A1.01B	FLOOR PLAN B - 24'x40' ADMINISTRATION
A2.01	ROOF PLAN - 26 GA - DUAL PITCH
A2.02	ROOF PLAN - 26 GA - SINGLE PITCH
A2.03	ROOF DETAILS - 26 GA
A3.01A	EXTERIOR ELEVATIONS - 26 GA - DUAL PITCH - STD/C LAB
A3.01B	EXTERIOR ELEVATIONS - 26 GA - DUAL PITCH - ADMIN
A3.11A	EXTERIOR ELEVATIONS - 26 GA - MONO PITCH - STD/C LAB
A3.11B	EXTERIOR ELEVATIONS - 26 GA - MONO PITCH - ADMIN
A4.01A	INTERIOR ELEVATIONS - 24'x40' STANDARD/COMPUTER LAB
A4.01B	INTERIOR ELEVATIONS - 24'x40' ADMINISTRATION
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F2.02	FOUNDATION PLAN - AGC - 100, 125 PSF
F2.11	FOUNDATION DETAILS - AGC
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S1.11	FLOOR FRAMING PLAN - CONCRETE DECK
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S2.02	ROOF FRAMING PLAN - 26 GA - MONO PITCH
S3.01	STRUCTURAL FRAMING - 26 GA - DUAL PITCH
S3.02	STRUCTURAL FRAMING - 26 GA - MONO PITCH
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S4.02	WALL FRAMING DETAILS - WOOD STUDS

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R1.02	RAMP/STAIRS DETAILS
R2.01	OFFSET RAMP/LANDING PLAN
R2.02	OFFSET RAMP/STAIRS DETAILS
R3.01	FULL LENGTH RAMP/LANDING AND DETAILS
R4.01	CONCRETE RAMP/LANDING
R5.01	5 FOOT RAMP/LANDING

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

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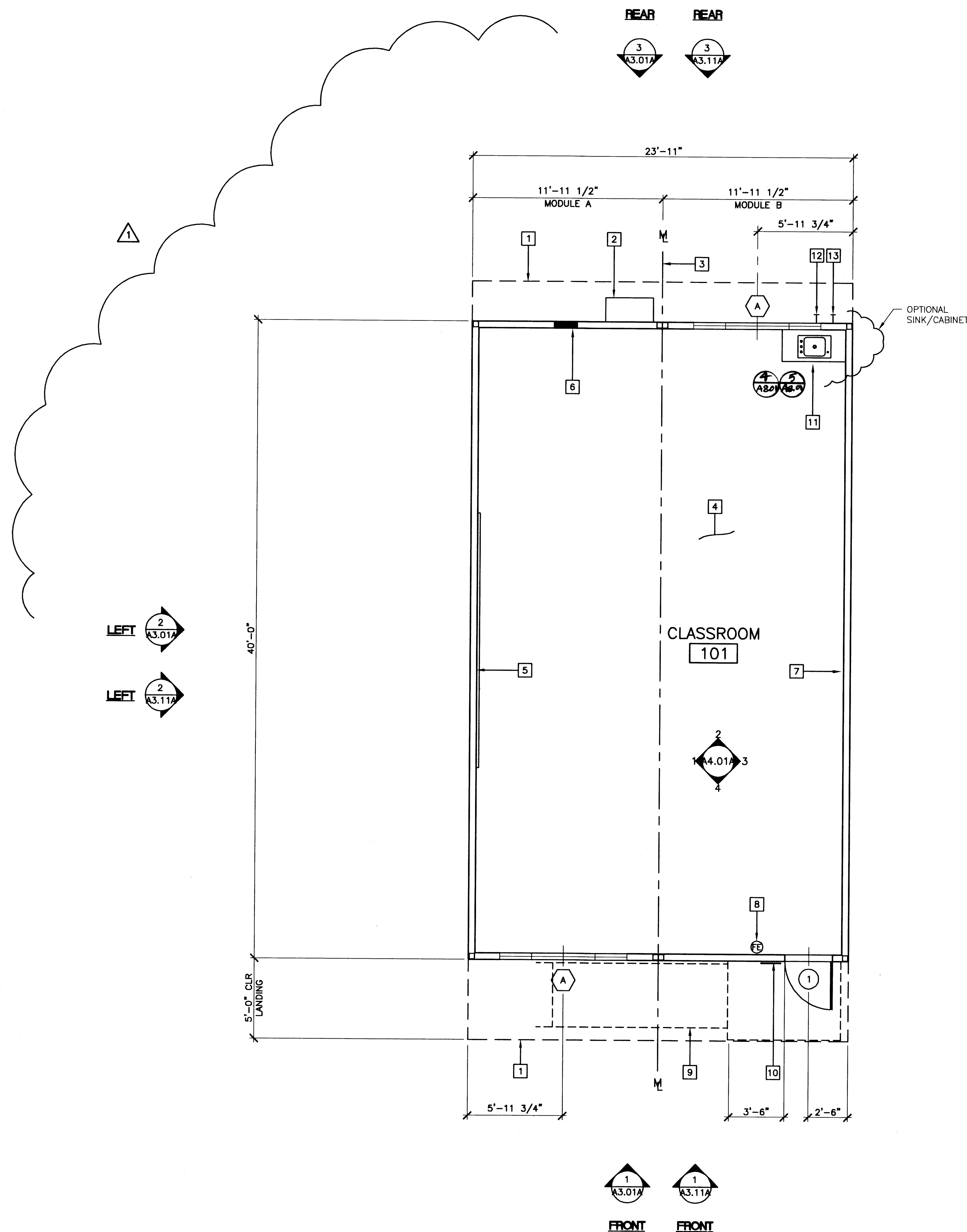
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A0.01

FILE PATH: 2440-4134.DWG

PROJECT NO: 4134, 4153, 4161, 4207

PC-04-101268



FLOOR PLAN A/C

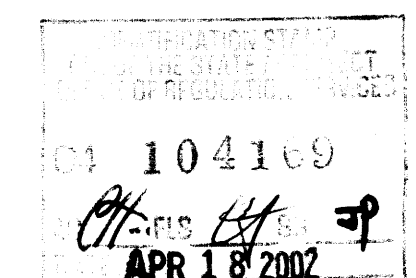
(24'x40')
SCALE: 1/4" = 1'-0"

KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT (HV)
- 3 MODLINE (M)
- 4 FINISH FLOORING (FIN)
- 5 INTERIOR FINISH (FIN)
- 6 ELECTRICAL PANEL (EL)
- 7 NOT USED
- 8 FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
- 9 RAMP/LANDING (RAMP)
- 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
- 11 WATER POC
- 12 SEWER POC

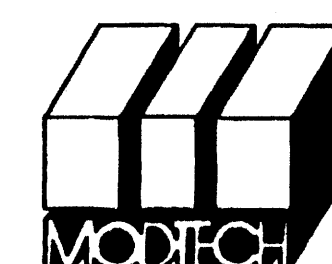
NOTES

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.



REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
2			
3			
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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 SEP 07 1999
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FLOOR PLAN 24'x40' STANDARD/COMP LAB

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

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A1.01A

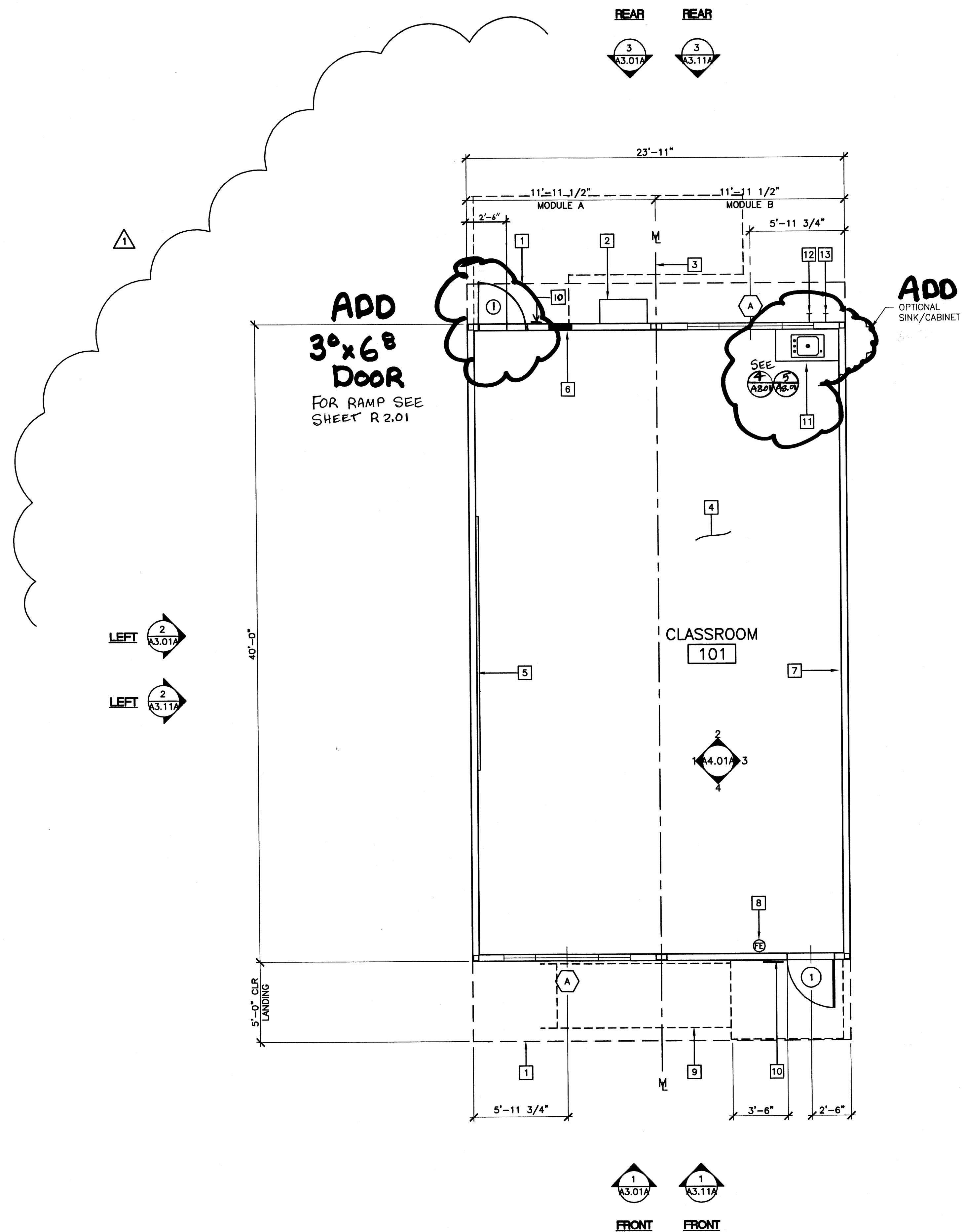
5TKP-62

KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT (HV)
- 3 MODLINE (M)
- 4 FINISH FLOORING (FIN)
- 5 INTERIOR FINISH (FIN)
- 6 ELECTRICAL PANEL (EL)
- 7 NOT USED
- 8 FIRE EXTINGUISHER - 5 POUNDS DRY CHEMICAL WITH 2A - 10BC UL RATING ON WALL MTD BRACKET, HANDLE AT 48" AFF
- 9 RAMP/LANDING (RAMP)
- 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
- 11 WATER POC
- 12 SEWER POC

NOTES

1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE.
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(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"

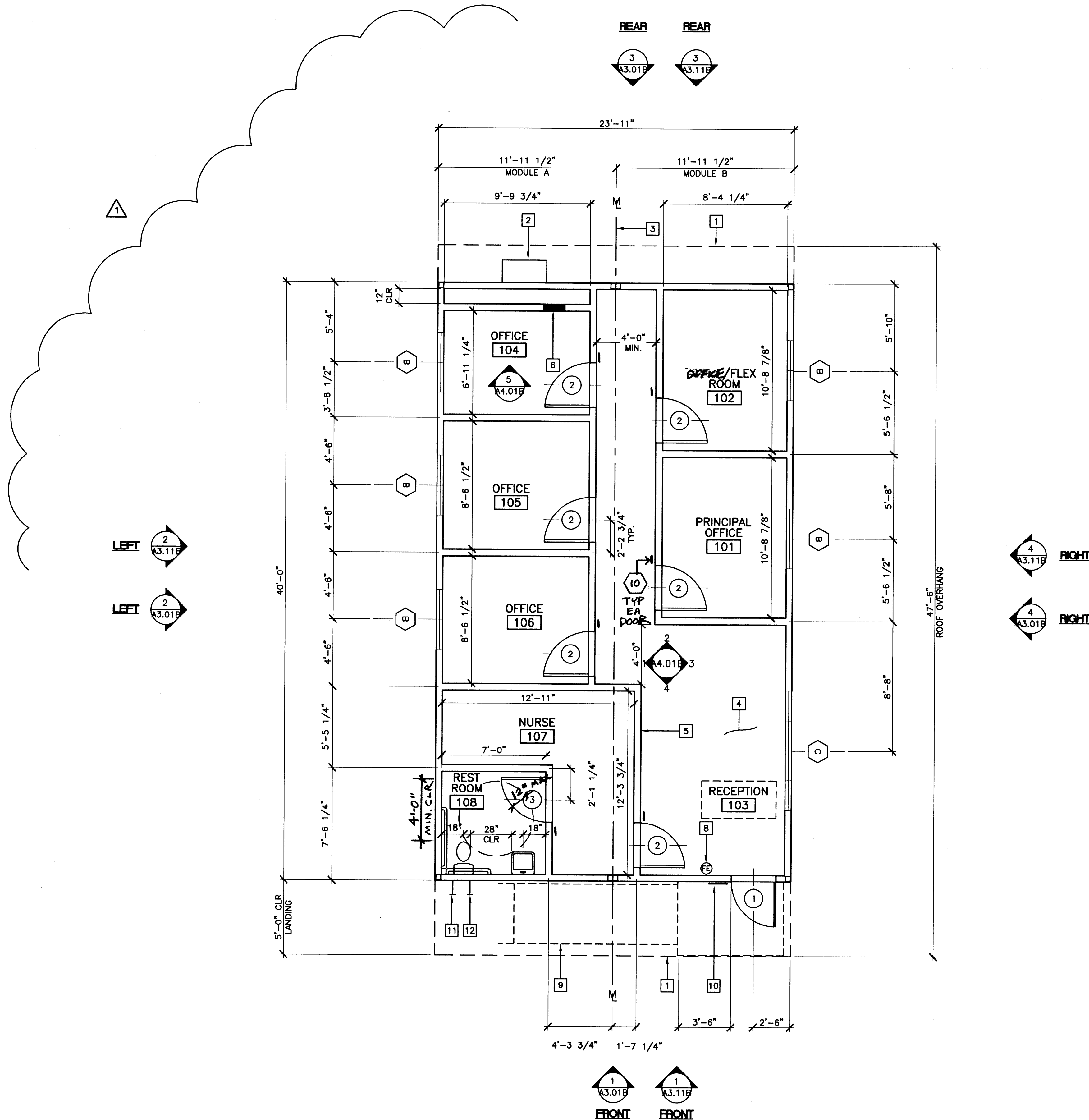
REVISIONS				Electrical Engineer's Seal		Mechanical Engineer's Seal		Structural Engineer's Seal		Architect's Seal		IDENTIFICATION STAMP		MODTECH INC.		PROJECT NUMBER: 4134, 4153, 4173, 4203 © MODTECH, INC. 2001		DRAWN BY: M. ANDERSEN	
1	MCA	MODIFIED FLOOR PLAN	04/15/02											2830 BARRETT AVENUE PERRIS, CALIF. 92572		4207, 4215 4250, 4284, 4302, 4350 4304, 4347, 4373, 4422 4506		DATE: APR 15 2002	
2														PH (909) 943-4014				CHECKED BY: 4012-121	
3														FAX (909) 940-0427				DATE: 04-16-02	
4																		MODTECH Index No.	
5																		A1.01A	

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 (RMP)
- 10 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY. 5/A5.01
- 11 WATER POC
- 12 SEWER POC

NOTES

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(1) FOAM PLASTIC INSULATION SHALL COMPLY WITH SECTION 2602 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 B

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

PC
CBC 1998

REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
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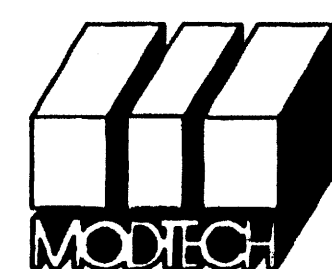
Electrical Engineer's Seal

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: SEP 07 1999



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PROJECT NUMBER: 4134

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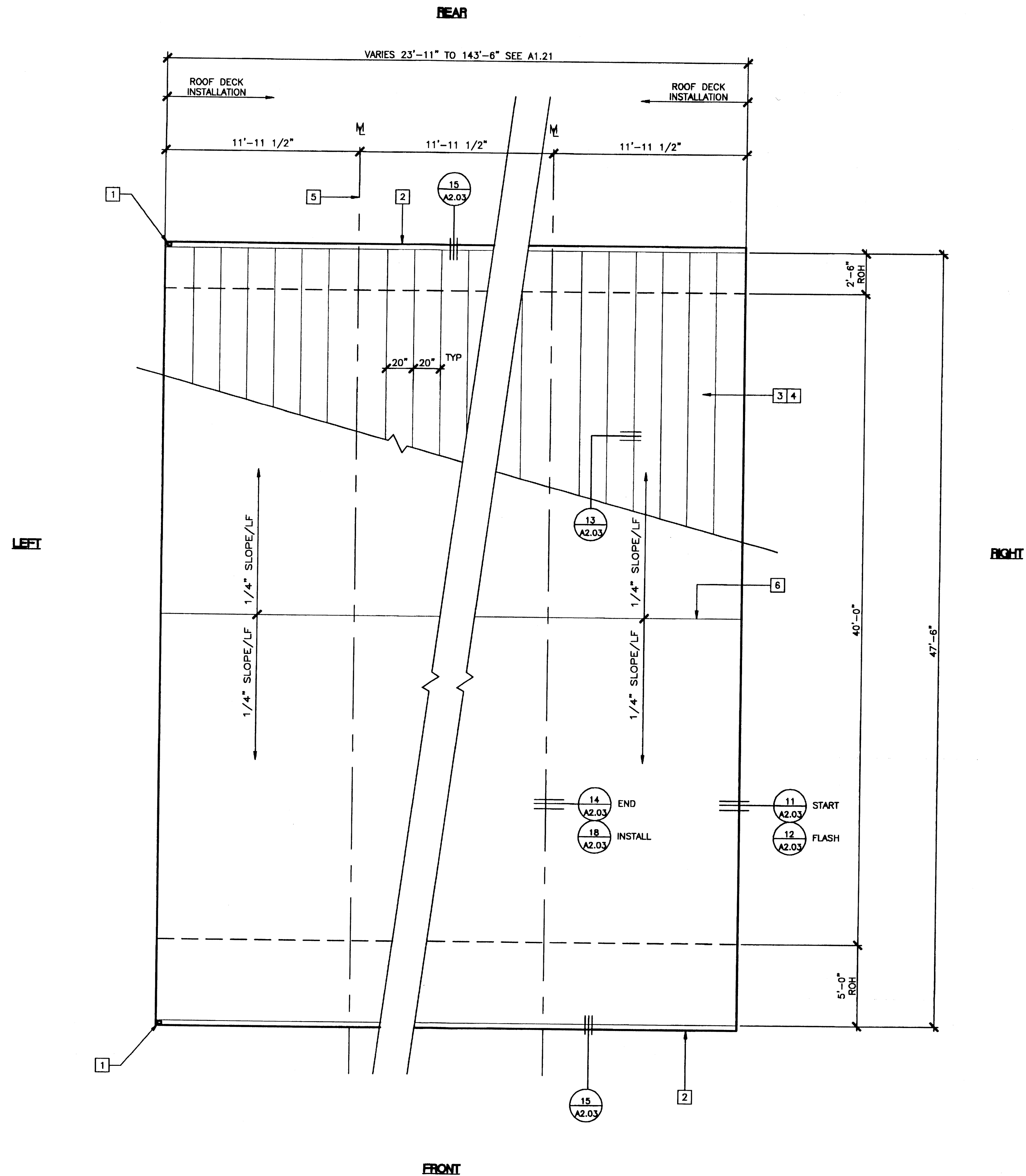
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MODTECH Index No.

FLOOR PLAN

24'x40' ADMINISTRATION

A1.01B

STKP-62

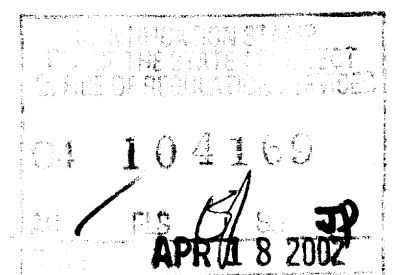


KEY NOTES

- 1 DOWNSPOUT - SEE A3.01A/A3.01B FOR SPECIFIC LOCATIONS.
- 2 CONTINUOUS GUTTER 26GA.
- 3 26GA. MIN.-INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD - CLASS A ROOFING SYSTEM
- 4 AS AN ALTERNATE TO 3/4" CDX PLYWOOD USE 3/4" LOUISIANA PACIFIC OSB, SEE SPECIFICATIONS.
- 5 MODLINE (M)
- 6 RIDGELINE

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A - CLASS A OR B.



ROOF PLAN

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

REVISIONS

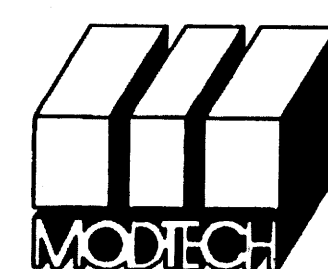
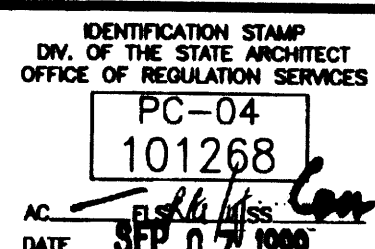
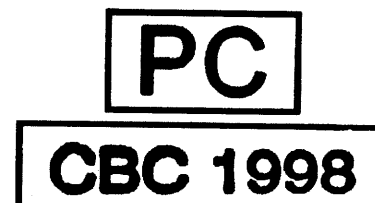
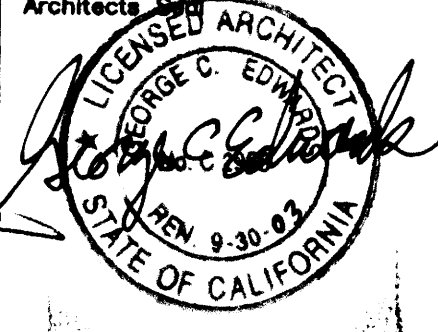
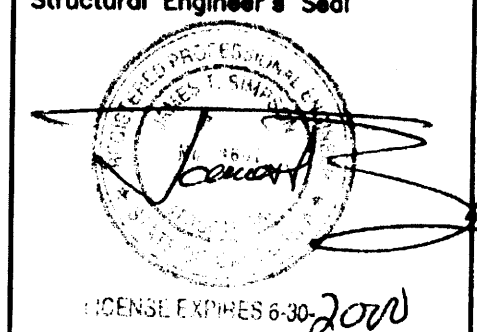
1				
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal



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PROJECT NUMBER: 4134

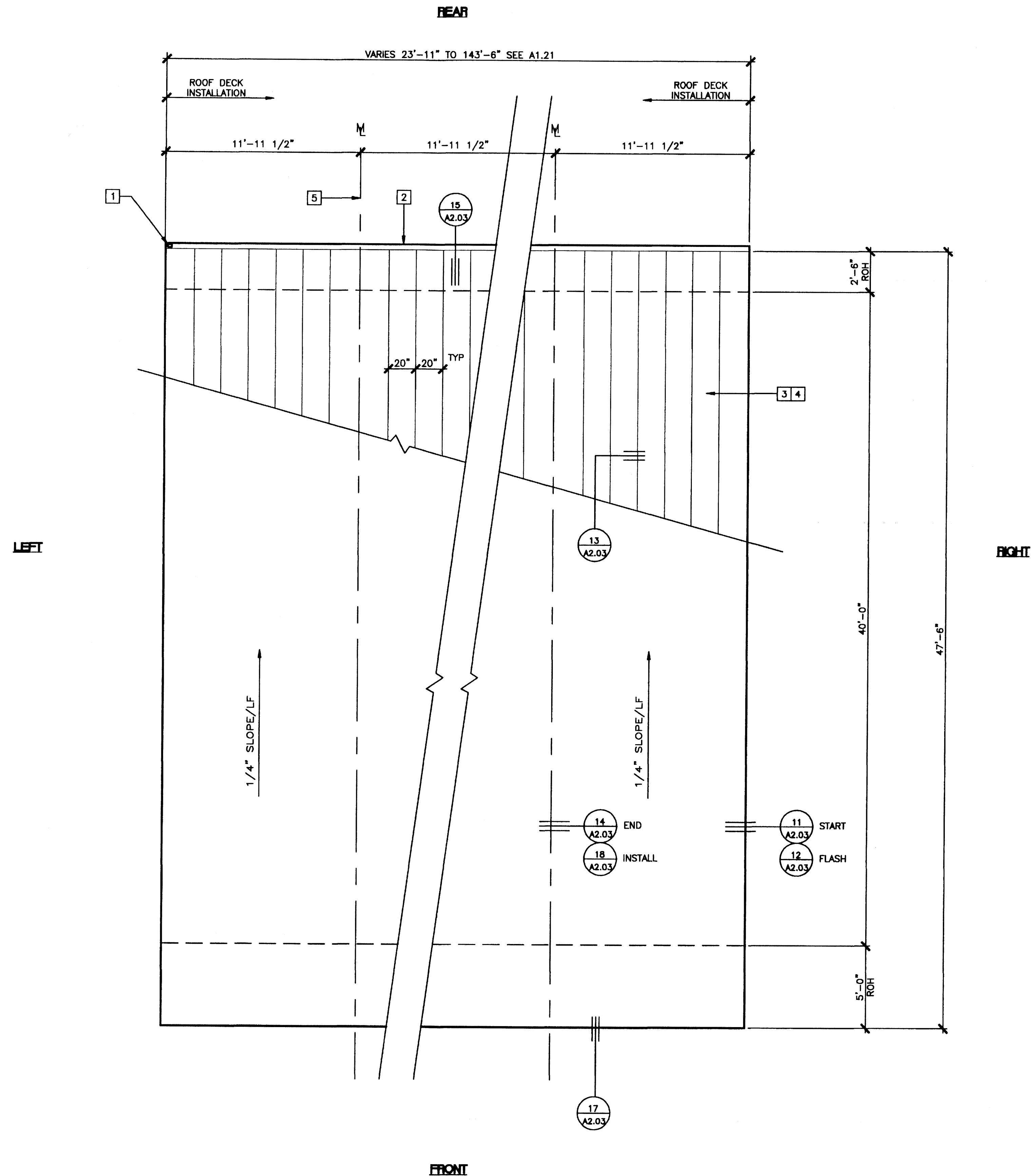
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DATE: 04-16-02
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ROOF PLAN

26 GA DUAL PITCH

A2.01



ROOF PLAN

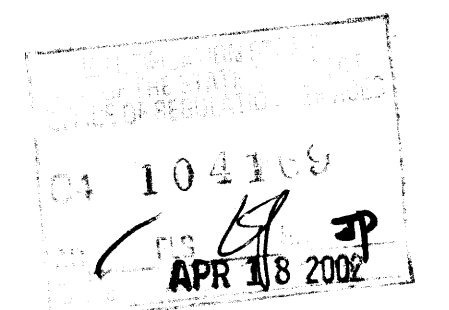
26 GA MONO PITCH - (23'-11" TO 143'-6")
SCALE: 1/4" = 1'-0"

KEY NOTES

- 1 DOWNSPOUT - SEE A1.21 FOR SPECIFIC LOCATIONS.
- 2 CONTINUOUS GUTTER 26GA.
- 3 28GA. MIN.-INTERLOCKING ROOF PANELS OVER AQUA BAR 15 (MHI) ROOFING UNDERLAYMENT (RADCO LISTING #1109) OVER 3/4" CDX PLYWOOD - CLASS A ROOFING SYSTEM
- 4 AS AN ALTERNATE TO 3/4" CDX PLYWOOD USE 3/4" LOUISIANA PACIFIC OSB, SEE SPECIFICATIONS.
- 5 MODLINE (M)

NOTES

1. BUILDINGS HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN CBC TABLE 15A - CLASS A OR B.



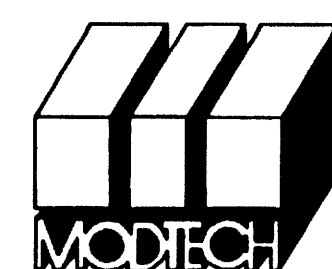
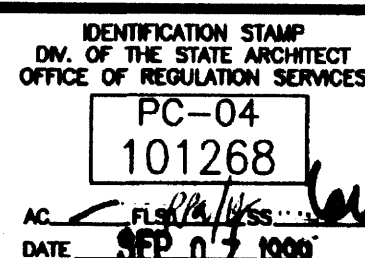
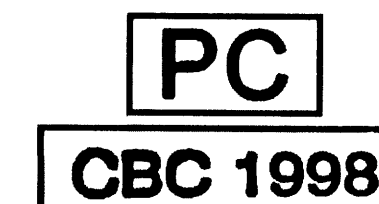
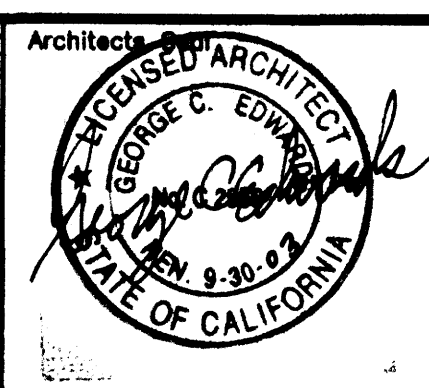
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1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal



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

PROJECT NUMBER: 4134

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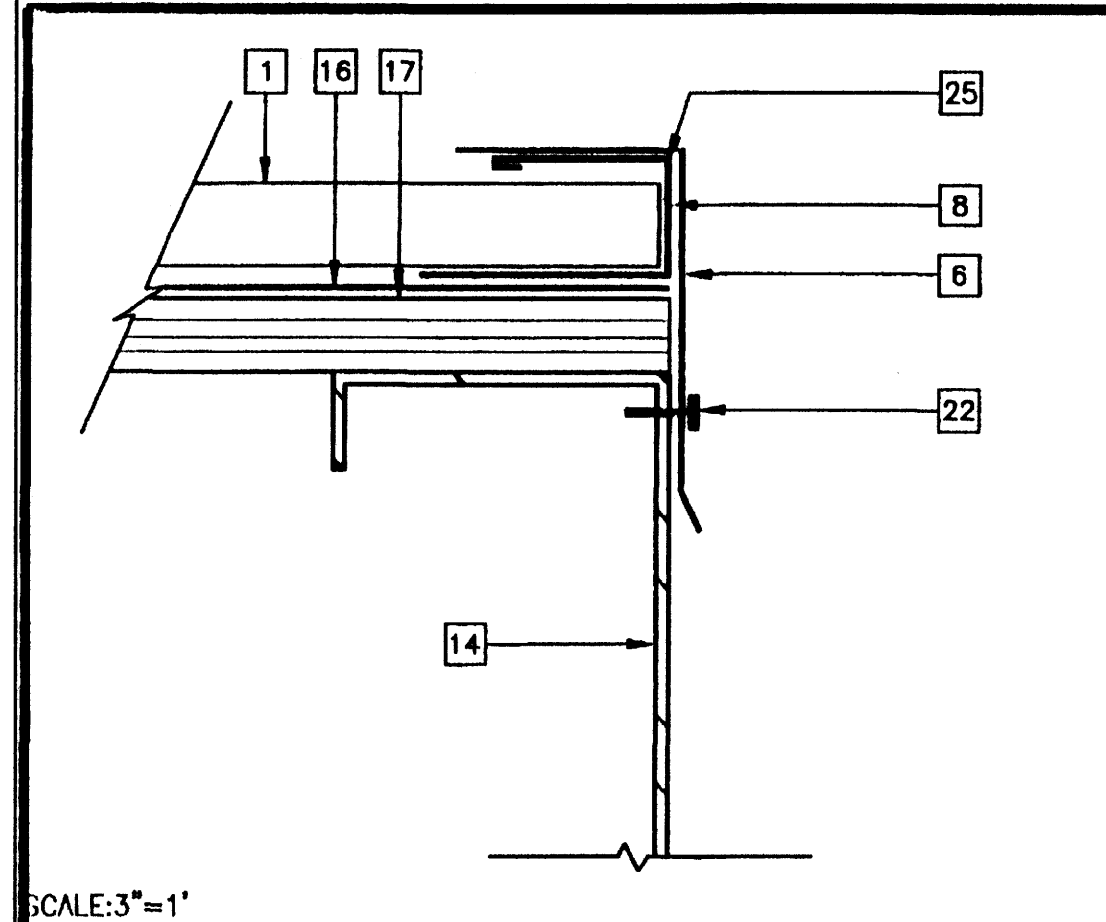
ROOF PLAN

26 GA MONO PITCH

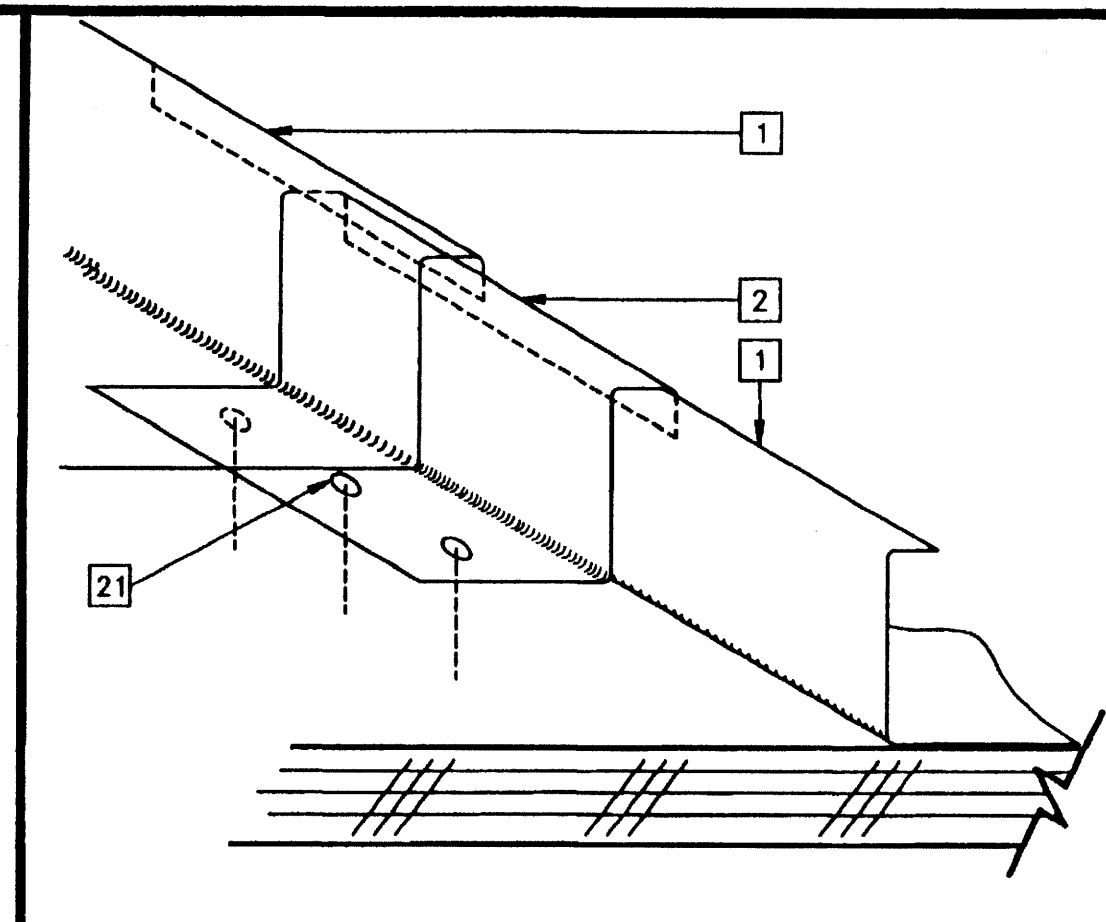
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A2.02

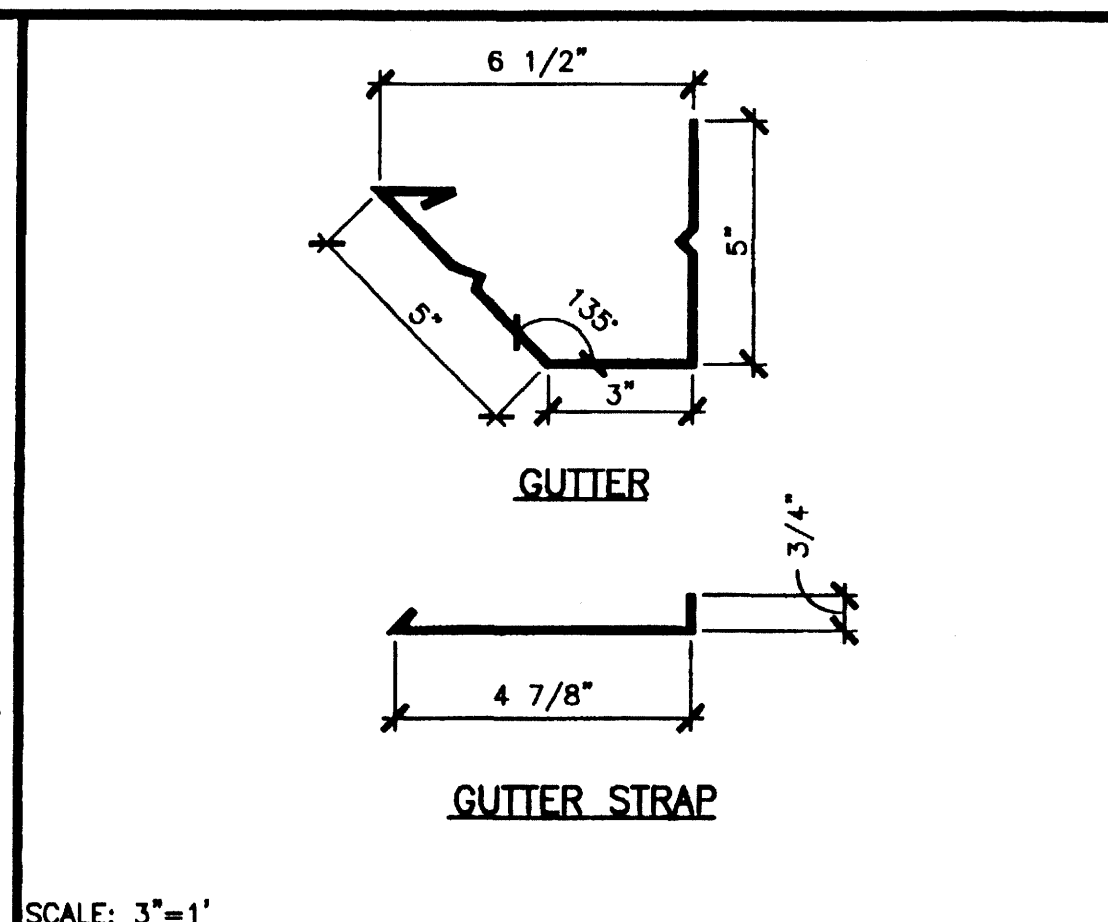
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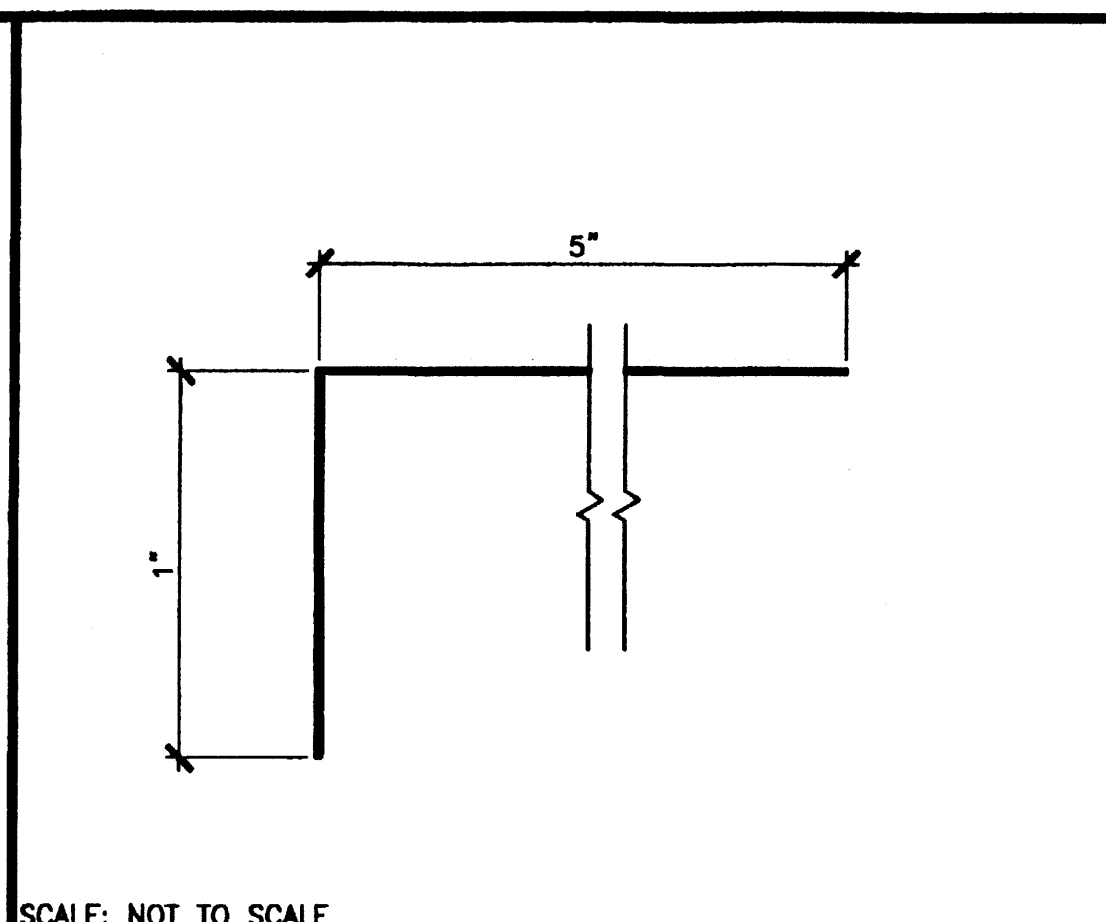
ROOF FLASHING AT HIGH SIDE 17



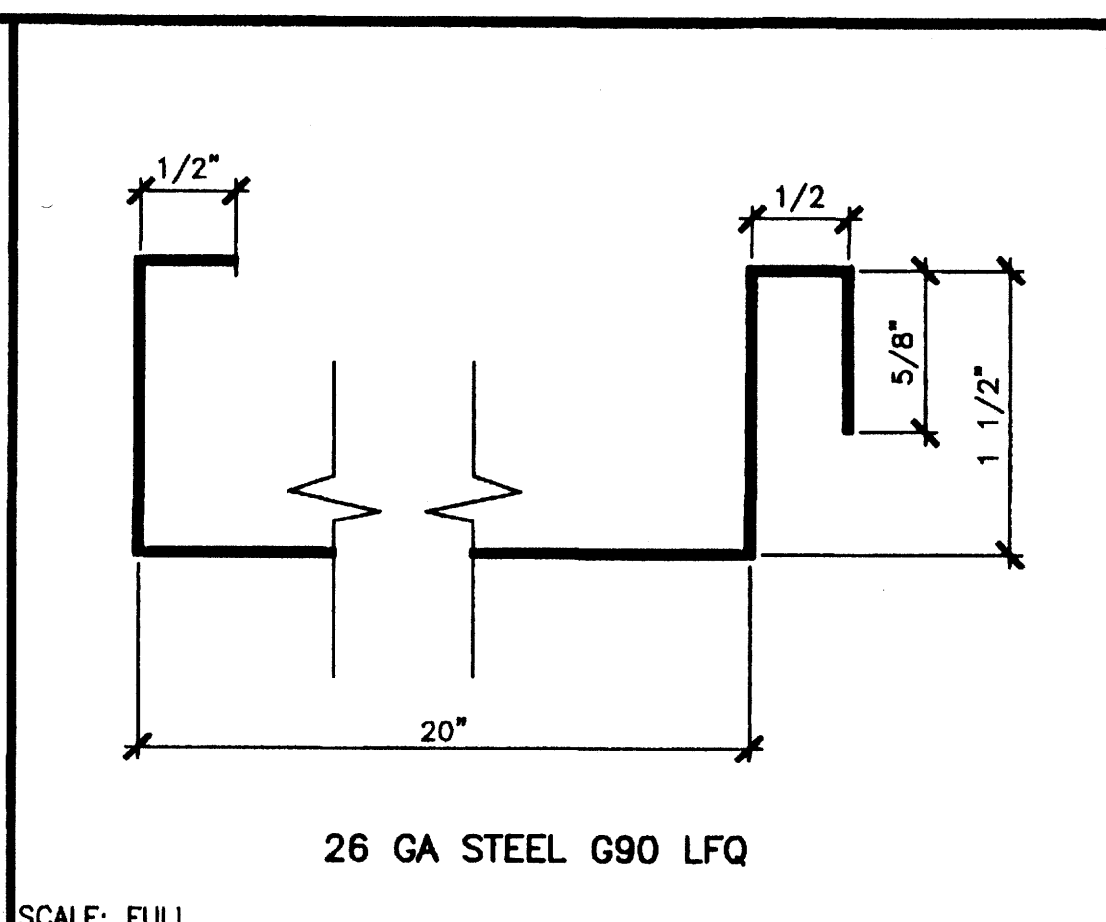
ROOF STANDING SEAM 13



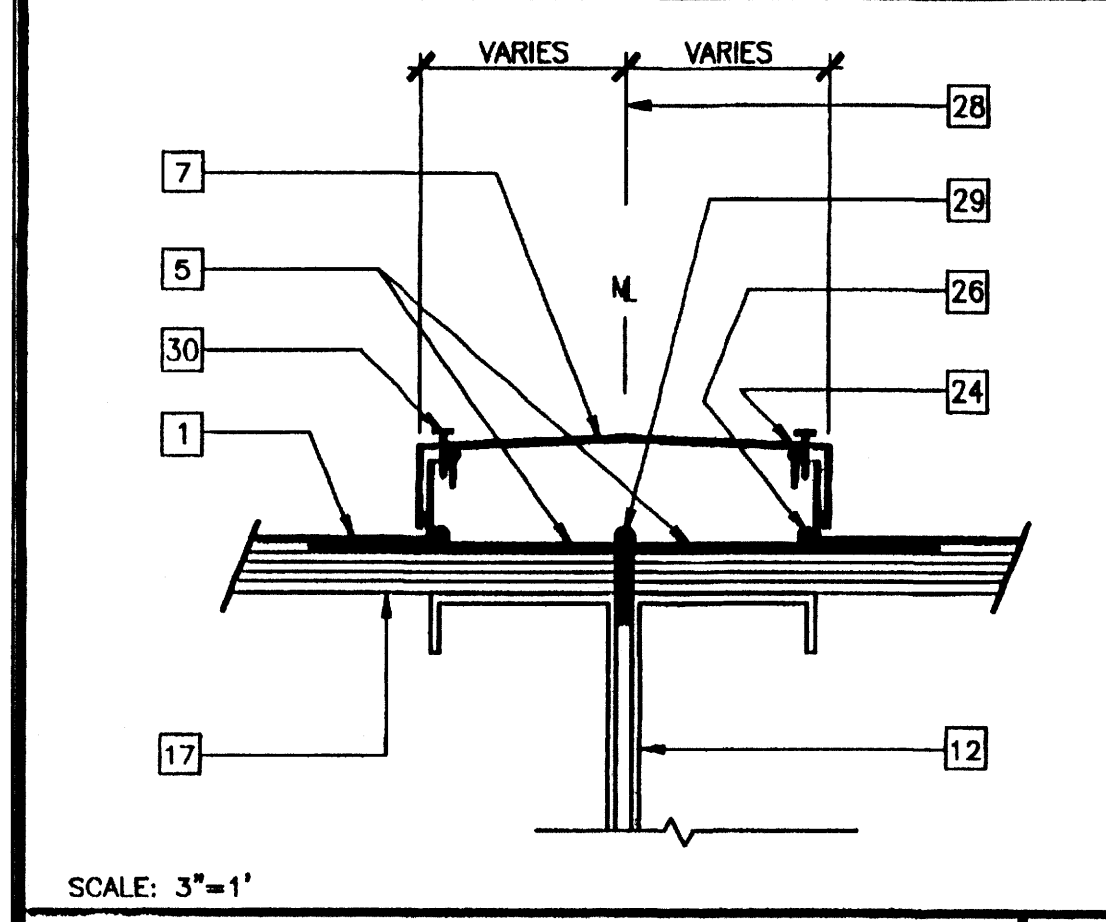
26 GA GUTTER AND GUTTER STRAP 9



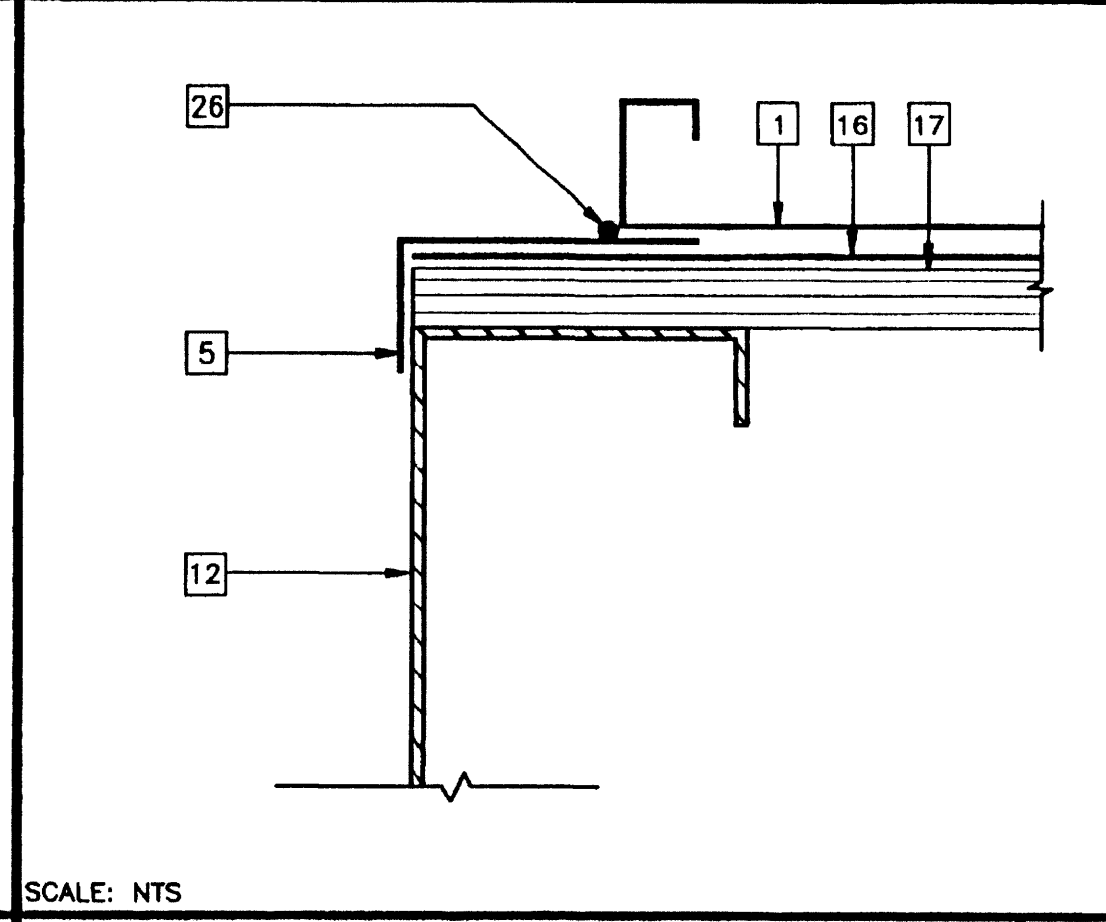
FLASHING AT MODLINE WALL 5



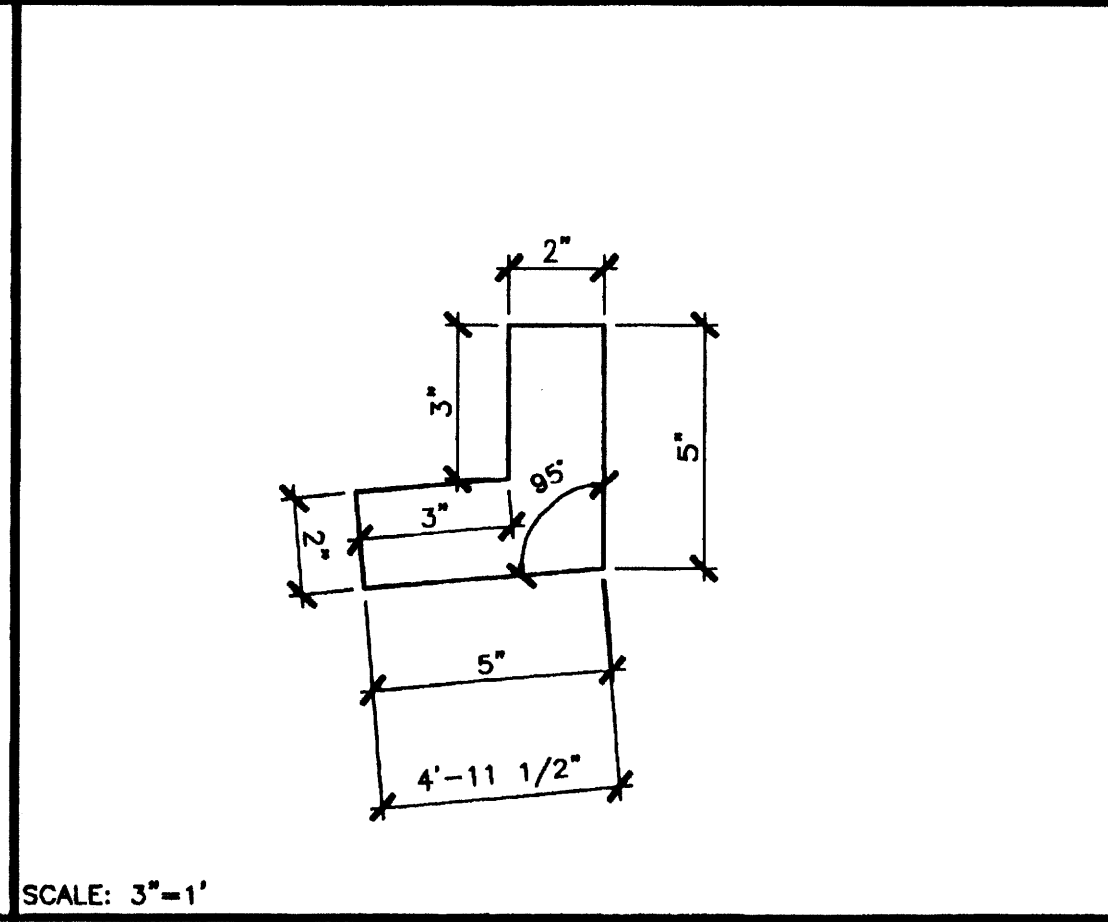
ROOF PAN 1



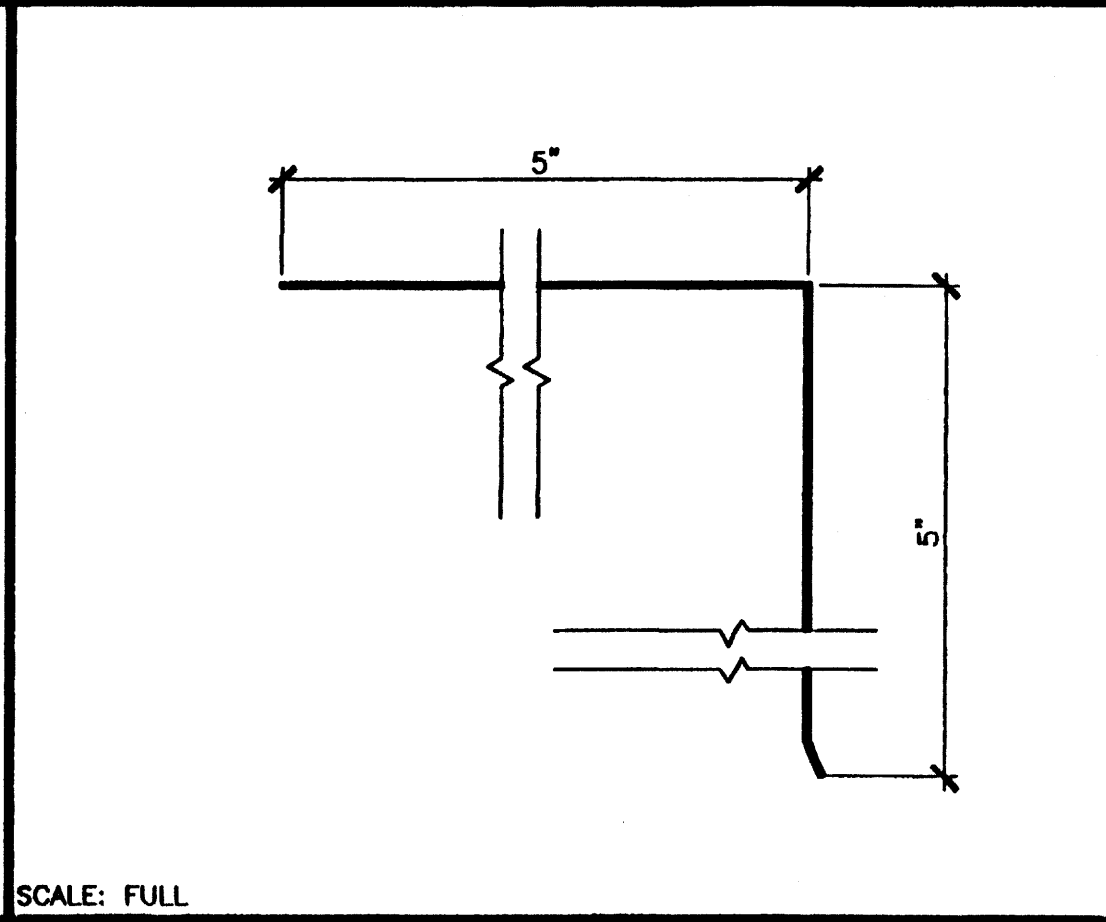
MODLINE ROOF CAP 18



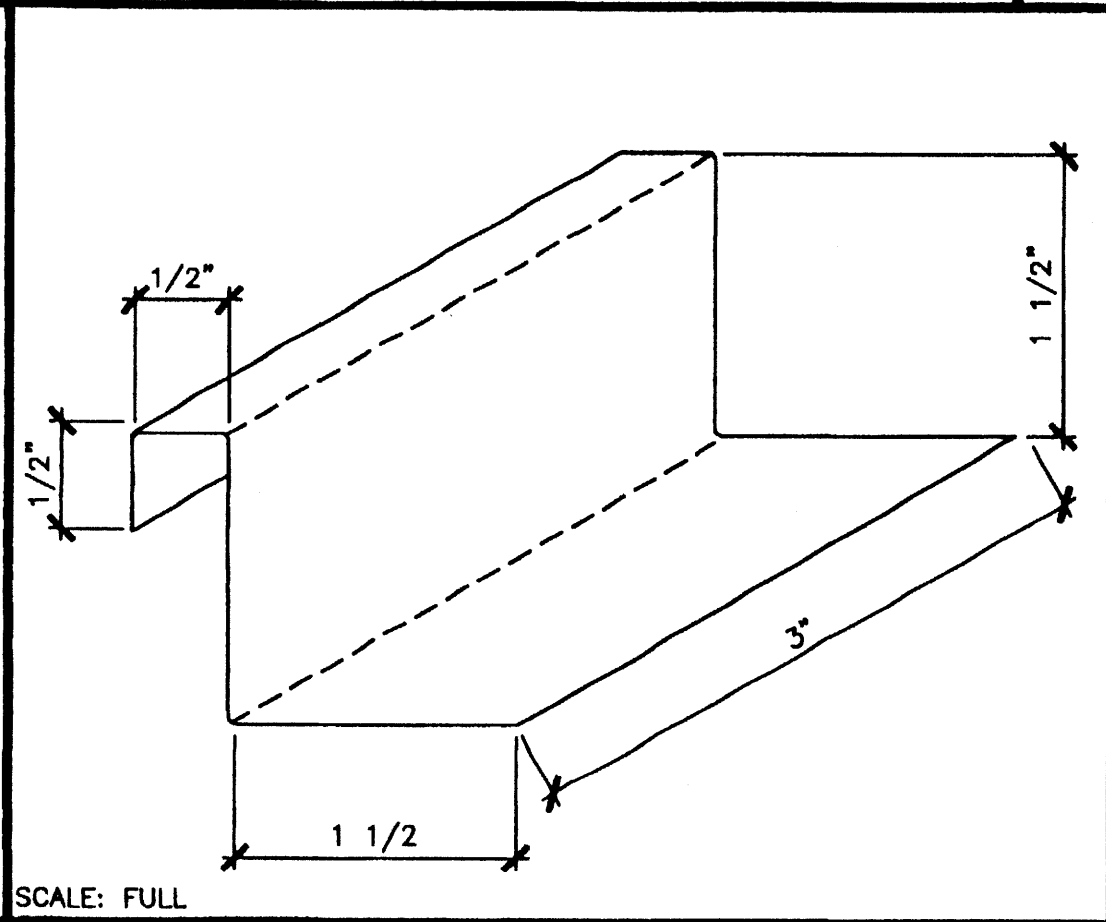
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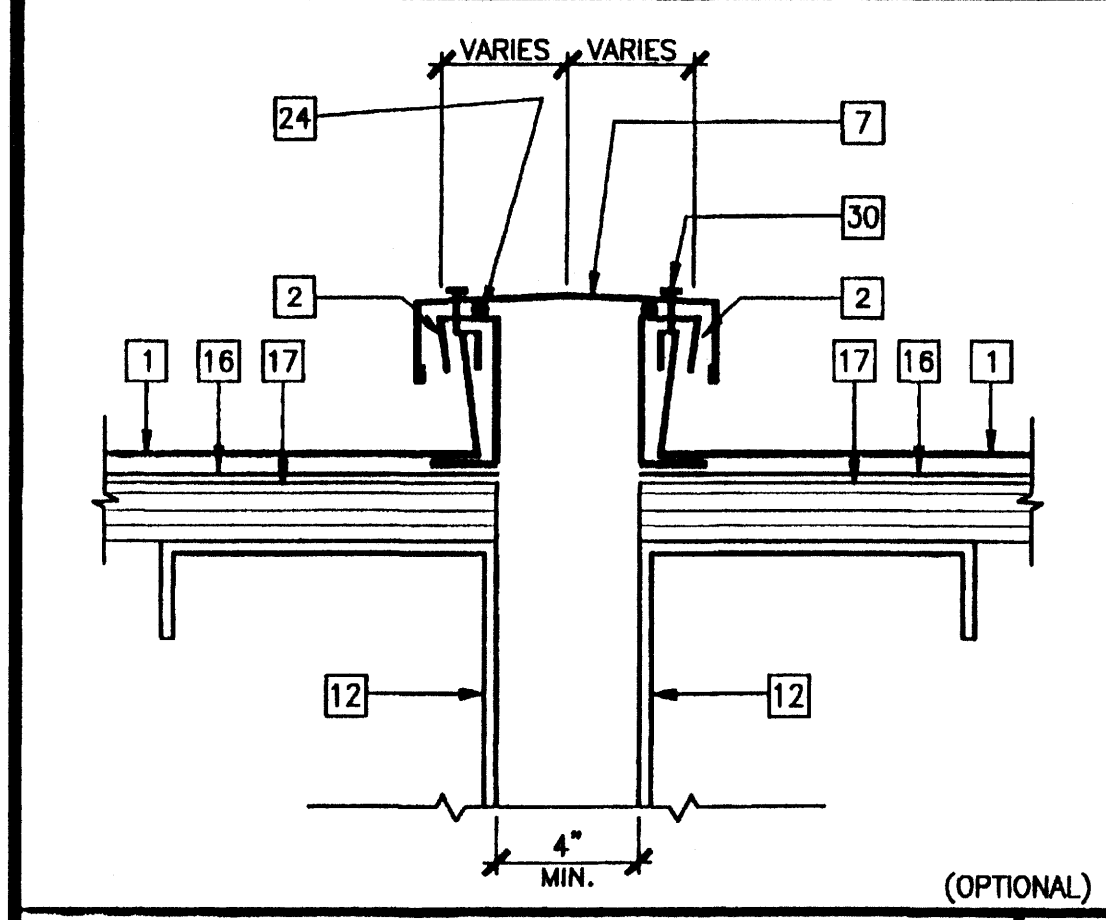
DOWNSPOUT AT BEND 10



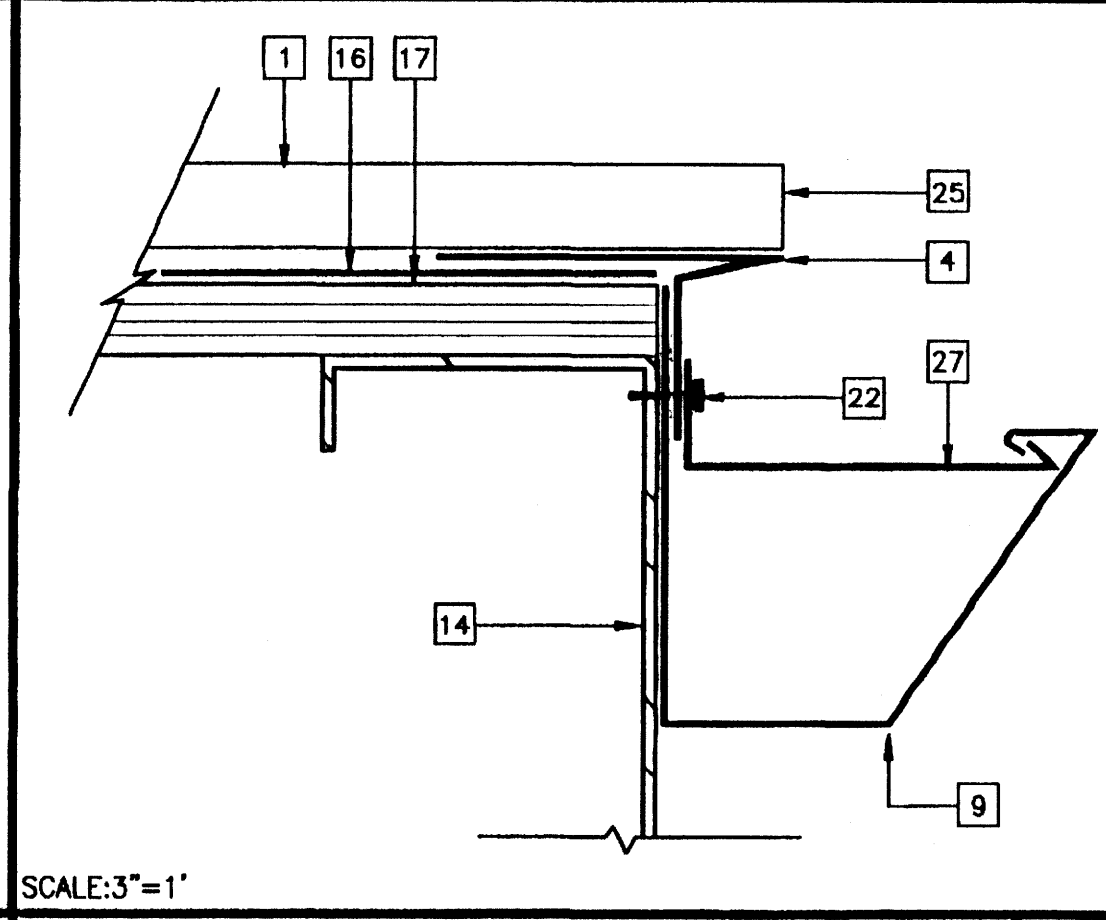
ROOF FLASHING AT HIGH SIDE 6



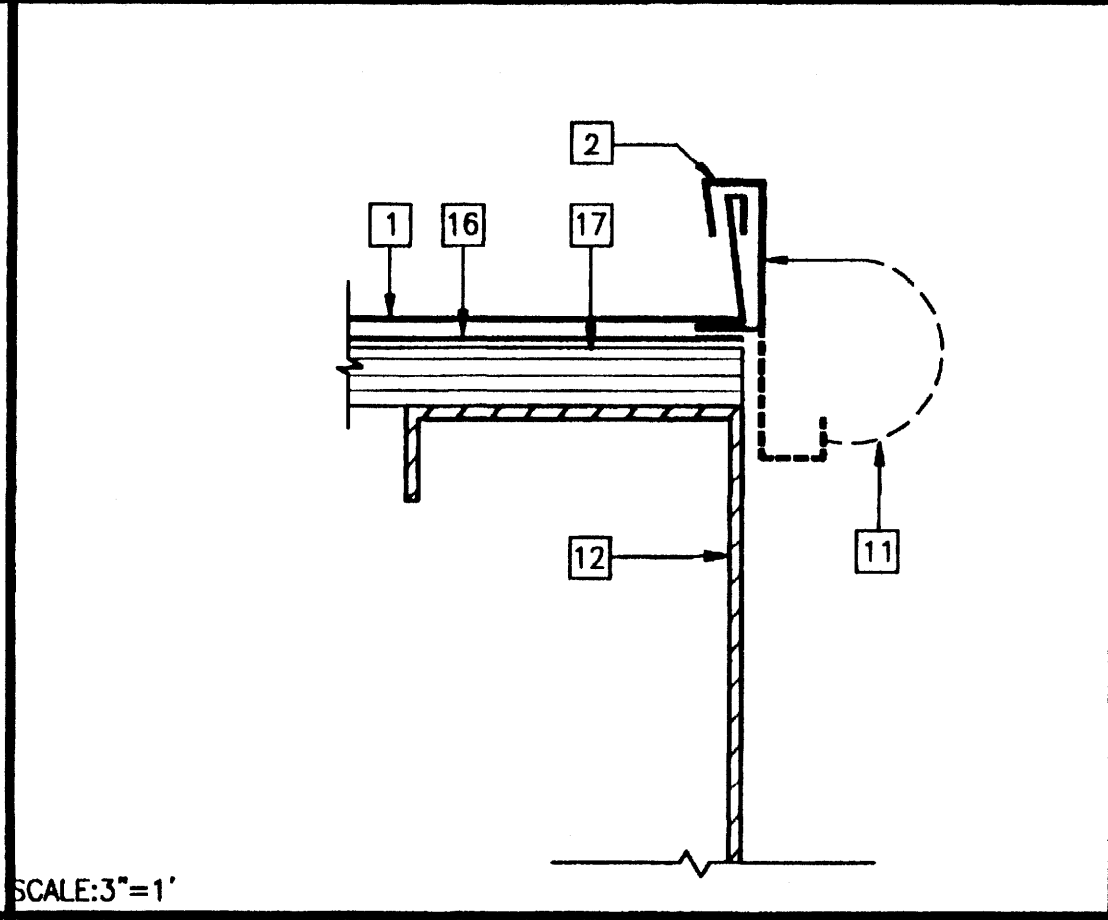
ROOF CLIP 2



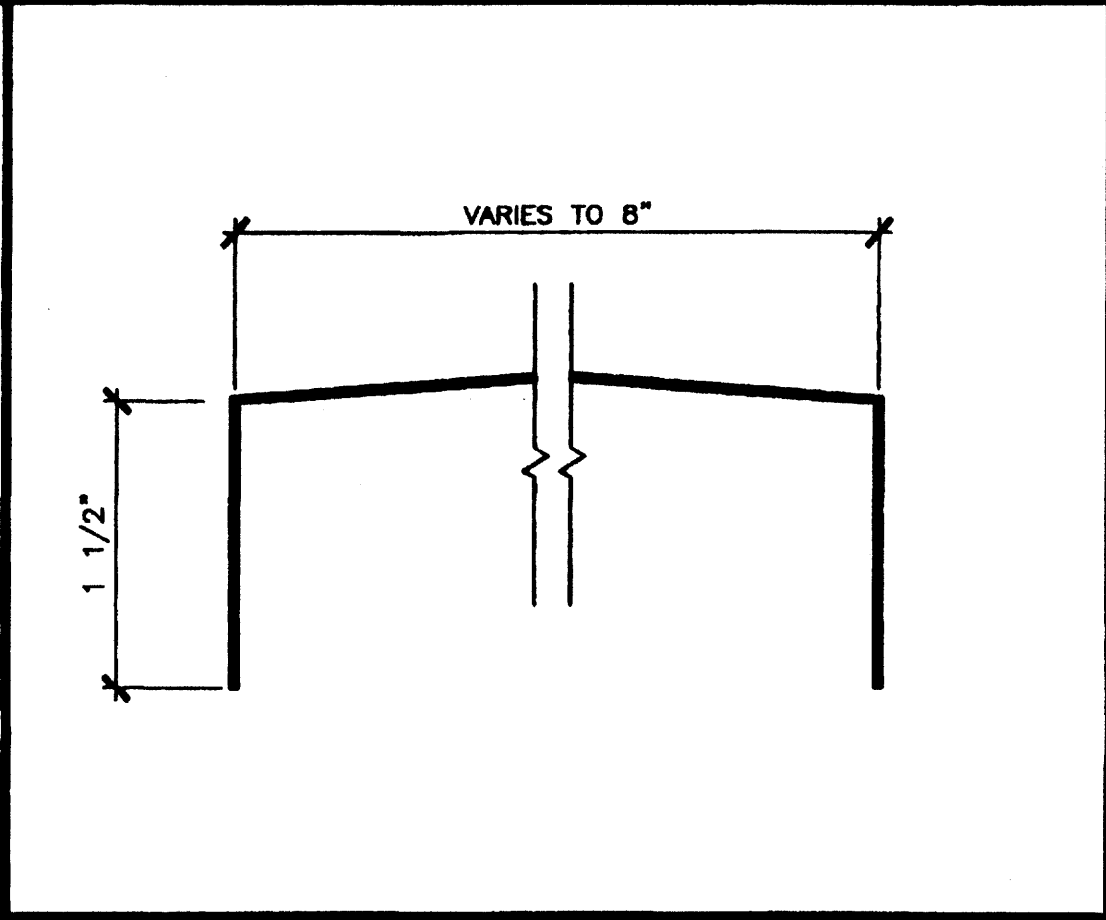
ROOF CAP AT 4" SEPARATION 19



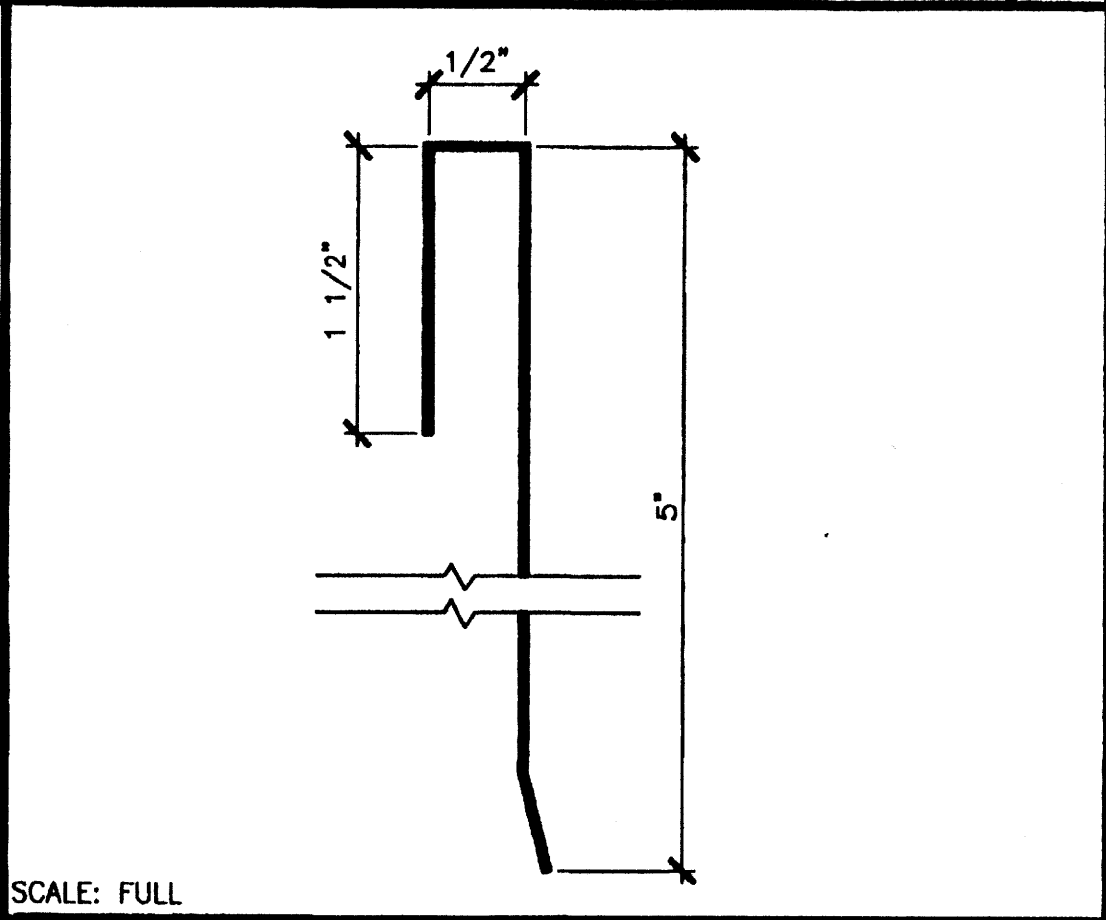
GUTTER AT ROOF FASCIA BEAM 15



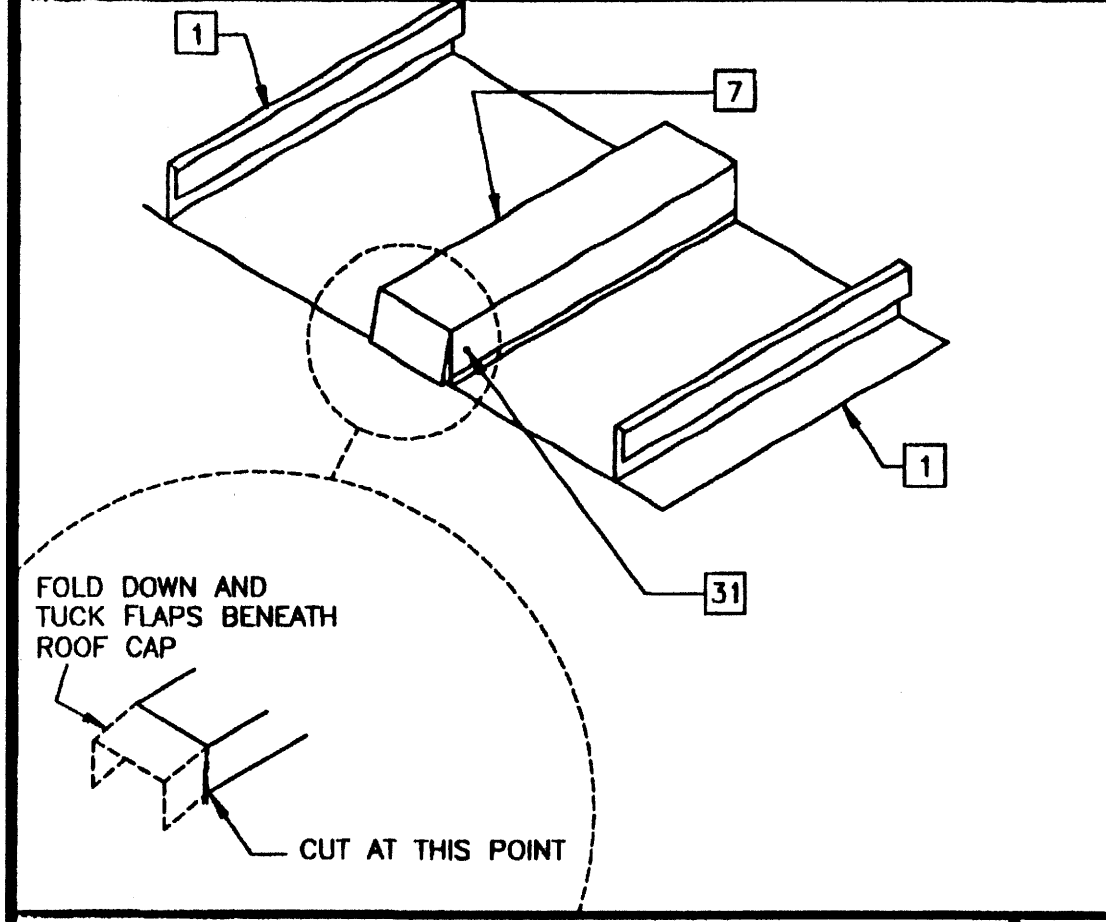
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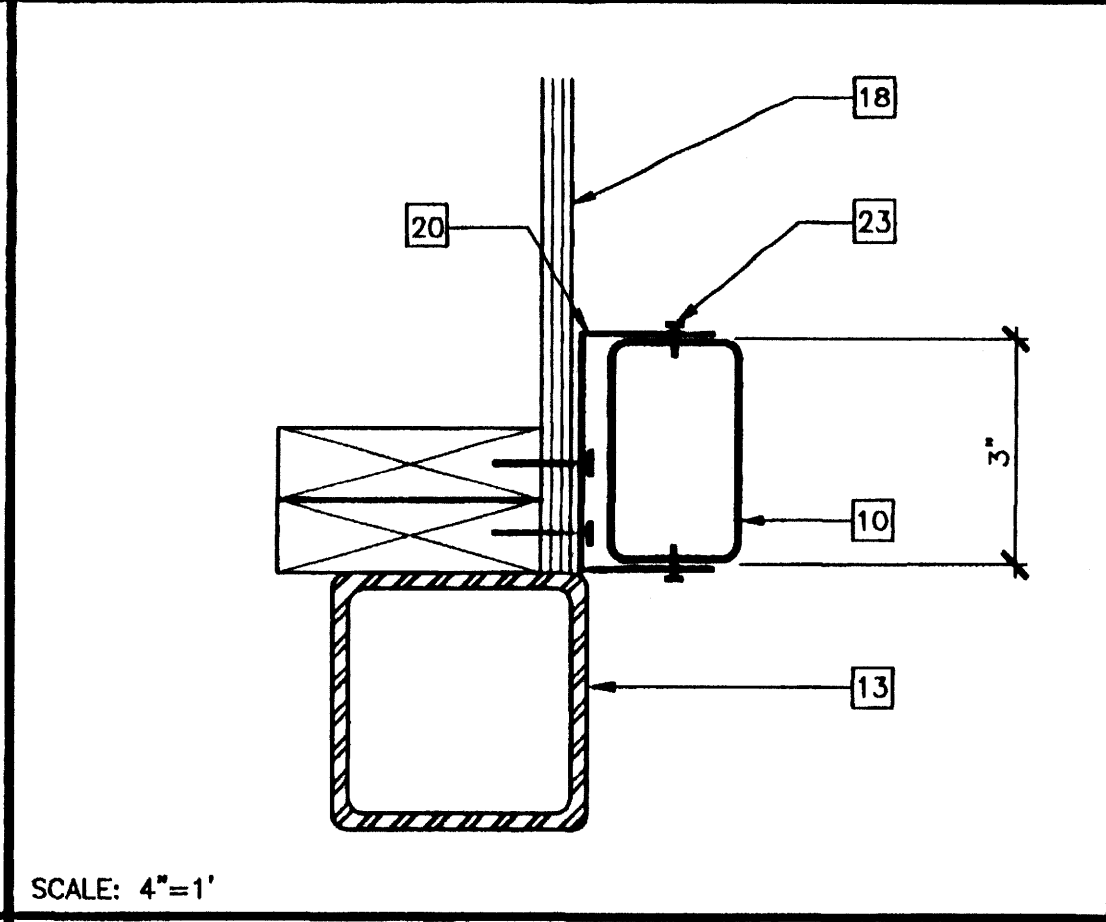
26 GA ROOF CAP AT MODLINE 7



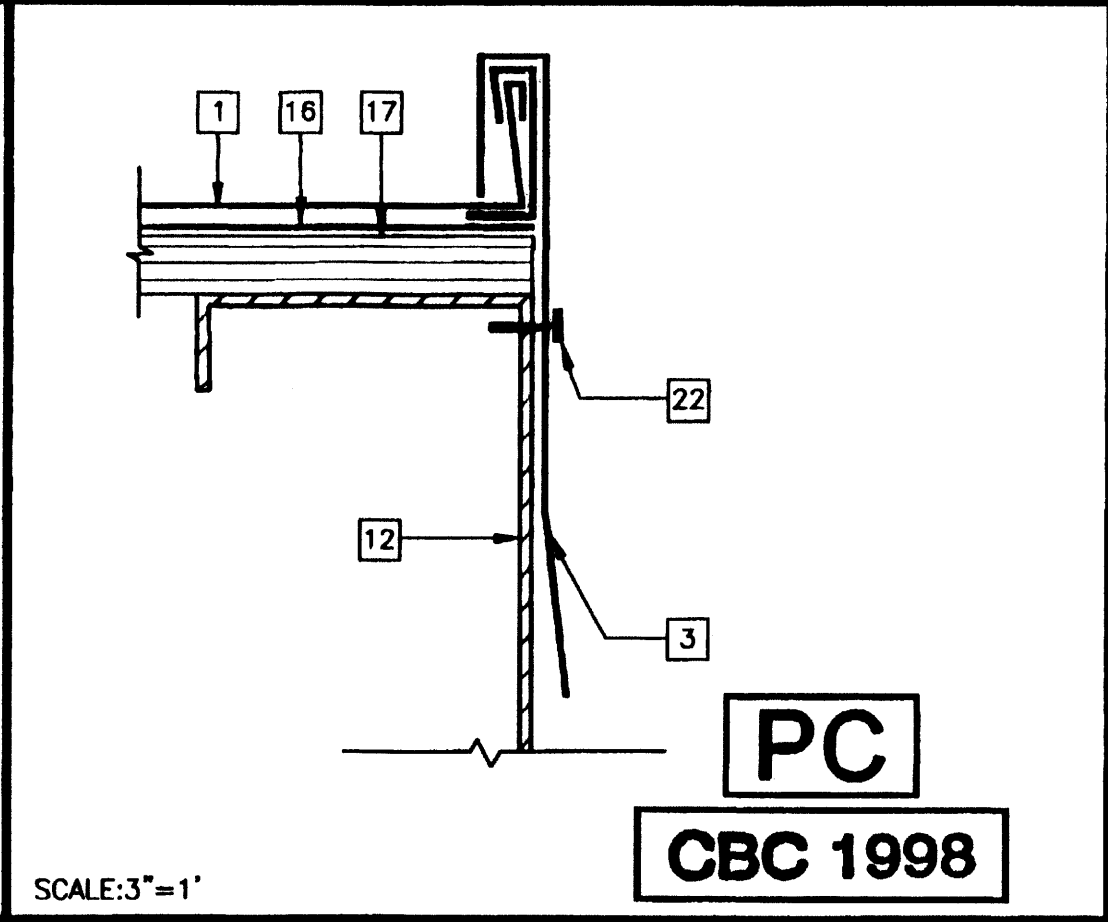
FLASHING AT SIDE WALL 3



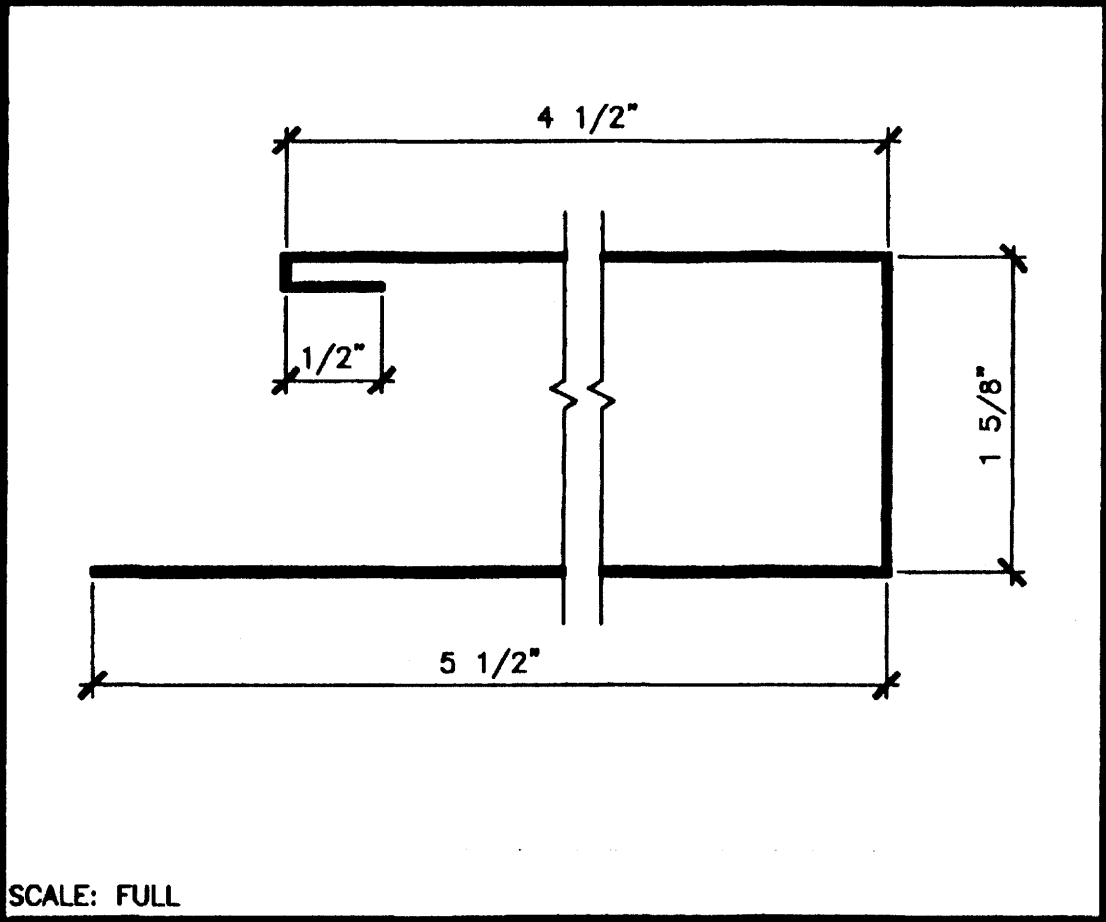
MODLINE ROOF CAP 20



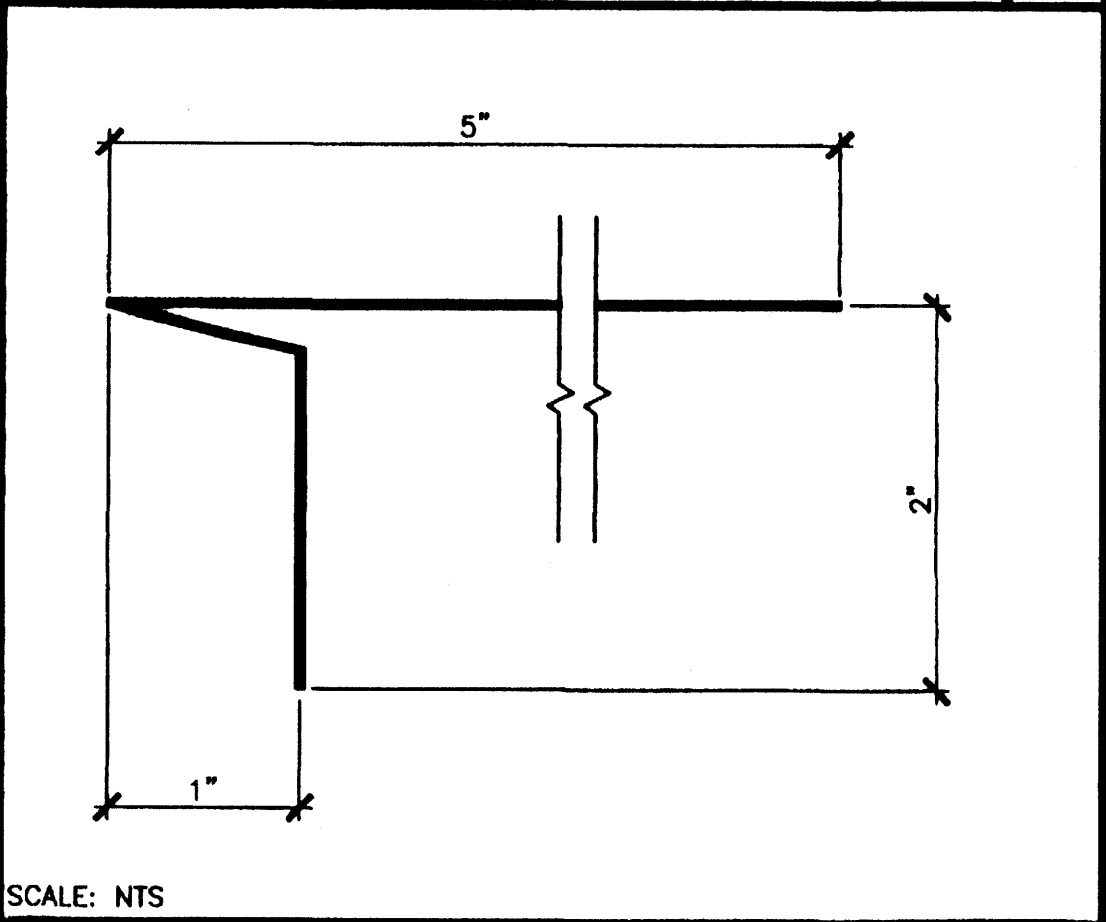
DOWNSPOUT ATTACHMENT 16



ROOF FLASHING AT SIDE WALL 12



FLASHING AT ROOF 8



FLASHING AT ROOF LOW SIDE(S) 4

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

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

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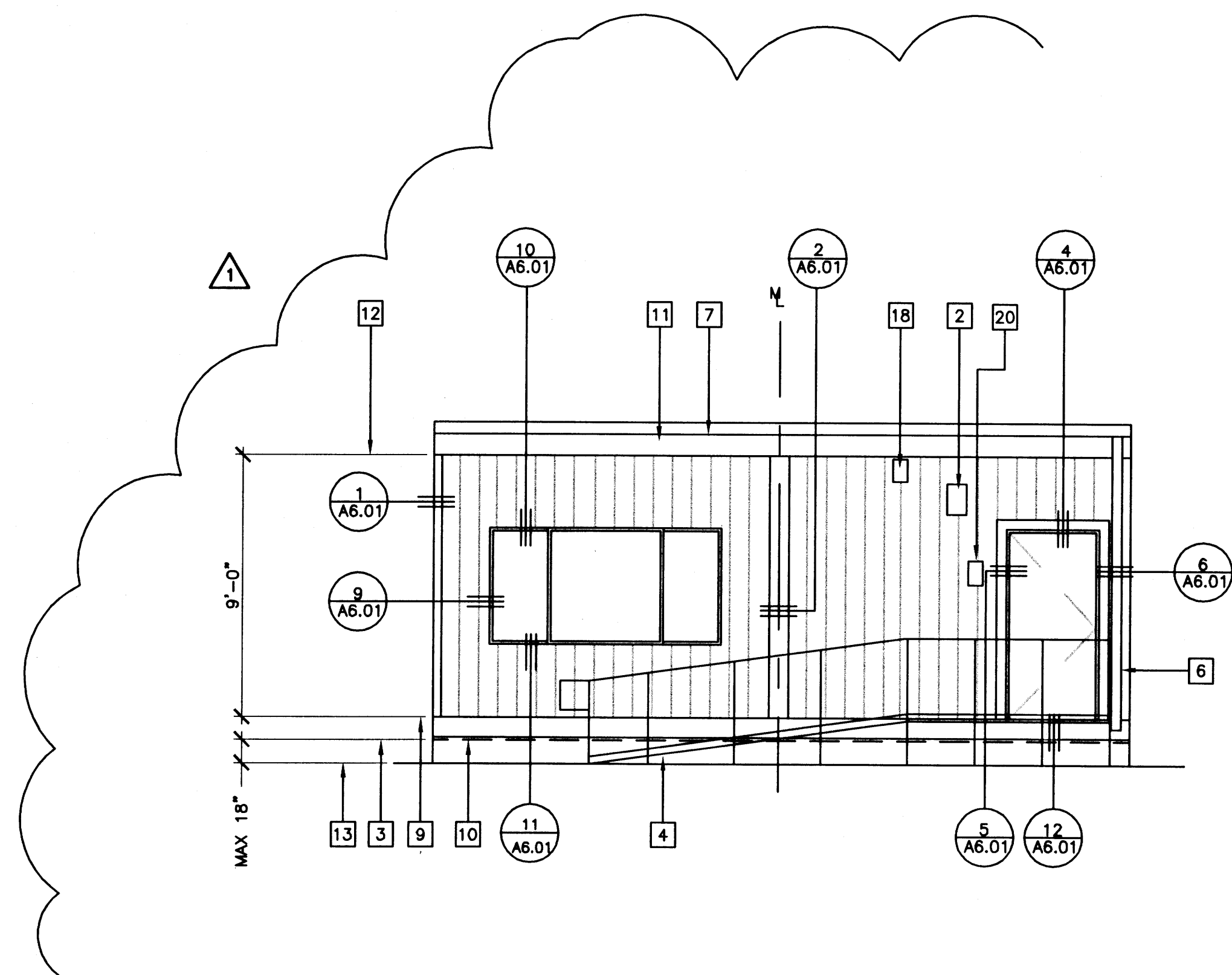
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PH (909) 943-4014
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PROJECT NUMBER: 4134
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DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
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MODTECH Index No.

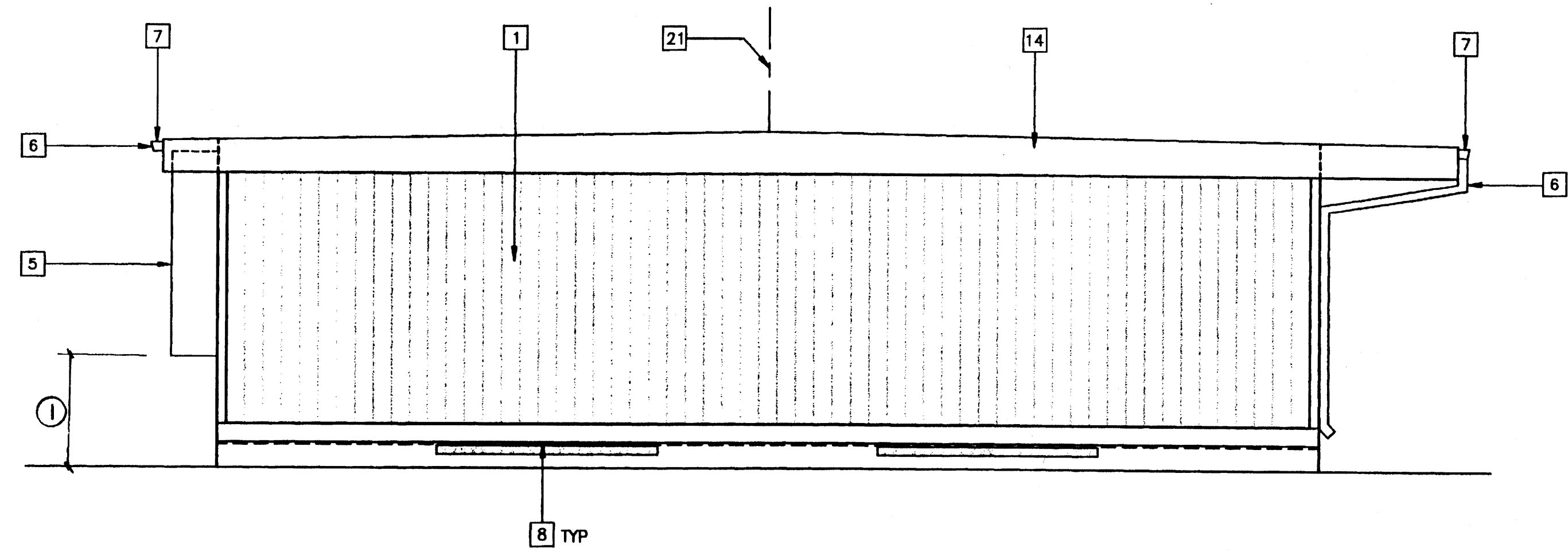
STKP-62
A2.03
26 GA

ROOFING DETAILS

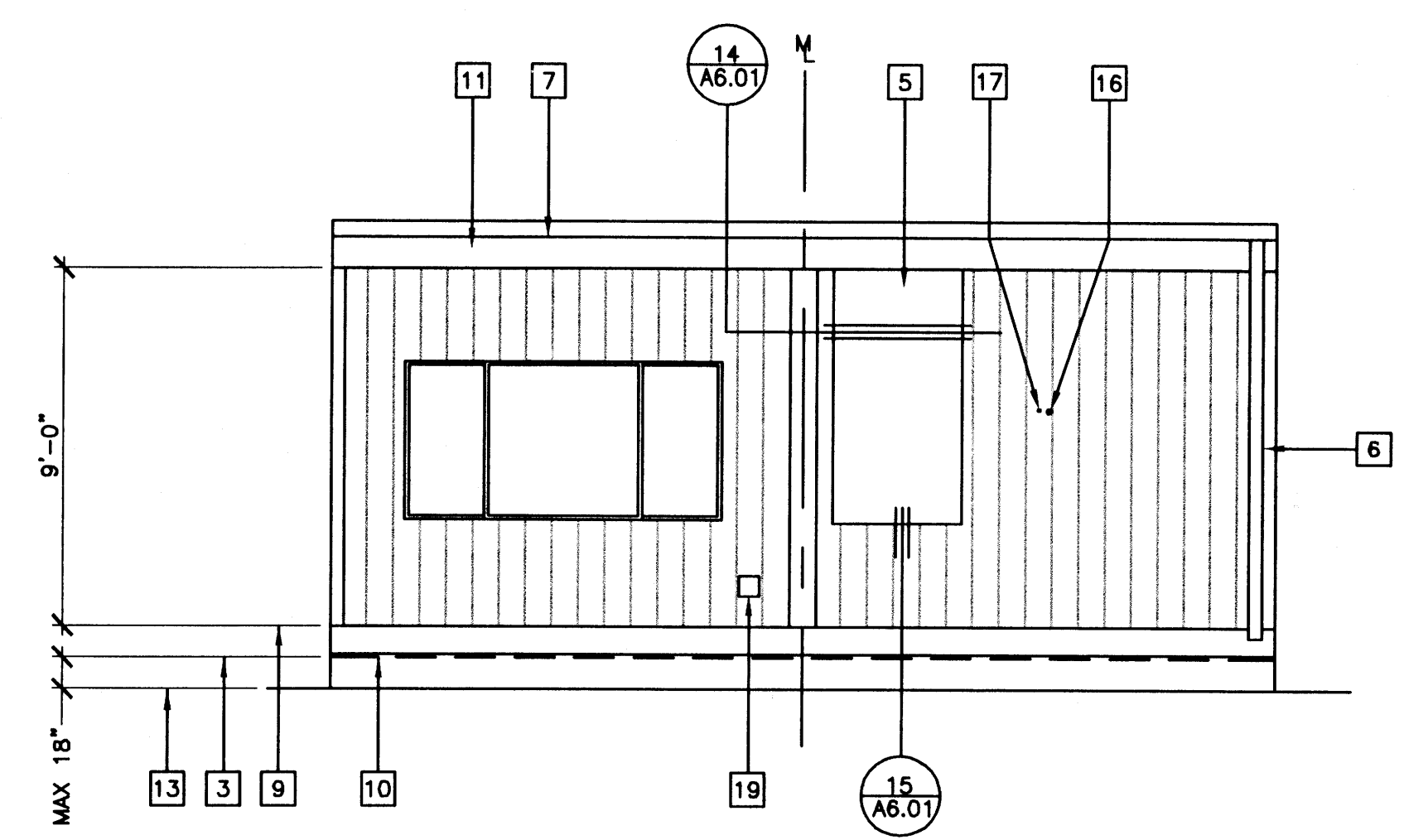
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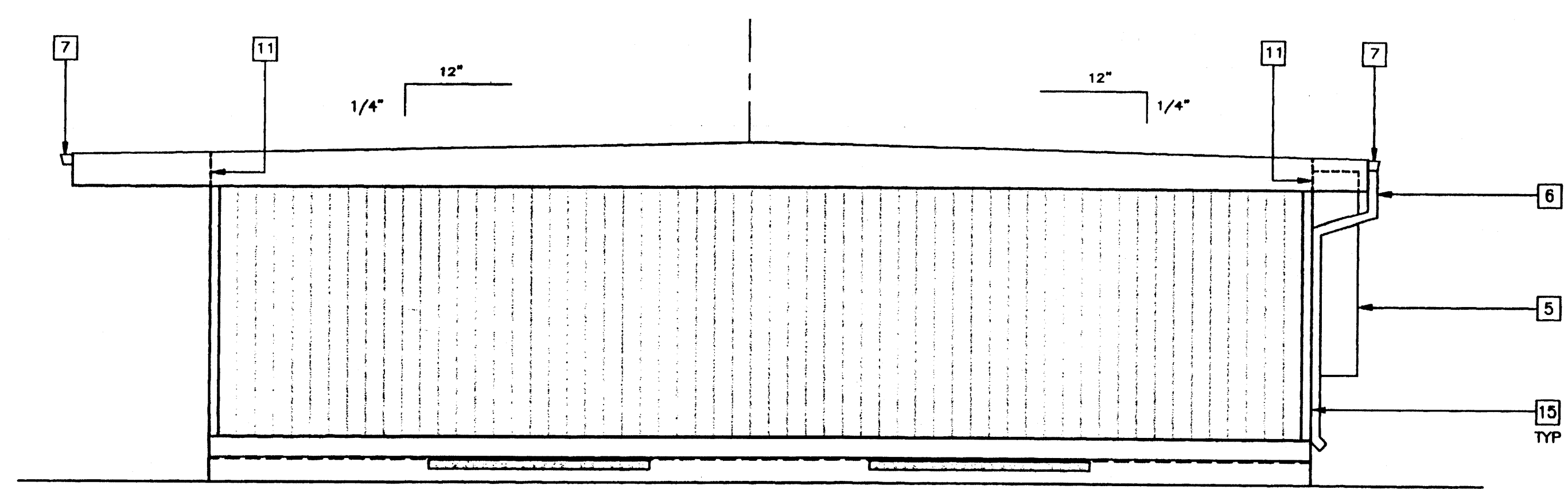
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2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

- ### KEY NOTES
- 1 TYPICAL EXTERIOR FINISH SEE EXTERIOR FINISH SCHEDULE BELOW.
 - 2 EXTERIOR LIGHT FIXTURE (EL)
 - 3 TOP OF SKIRTING
 - 4 RAMP AND LANDING - R1.01
 - 5 HVAC UNIT (HV)
 - 6 DOWNSPOUT FASTEN TO BUILDING TYPICAL (3) PLACES - 16/A2.03
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 - 15 COLUMN (STR)
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 - 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
 - 21 RIDGE

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

REVISIONS

NO.	DESCRIPTION	DATE
1	MCA MODIFIED FLOOR PLAN	04/15/02
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect

101268

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MODTECH INC.

2830 BARRETT AVENUE

PERRIS, CALIF. 92572

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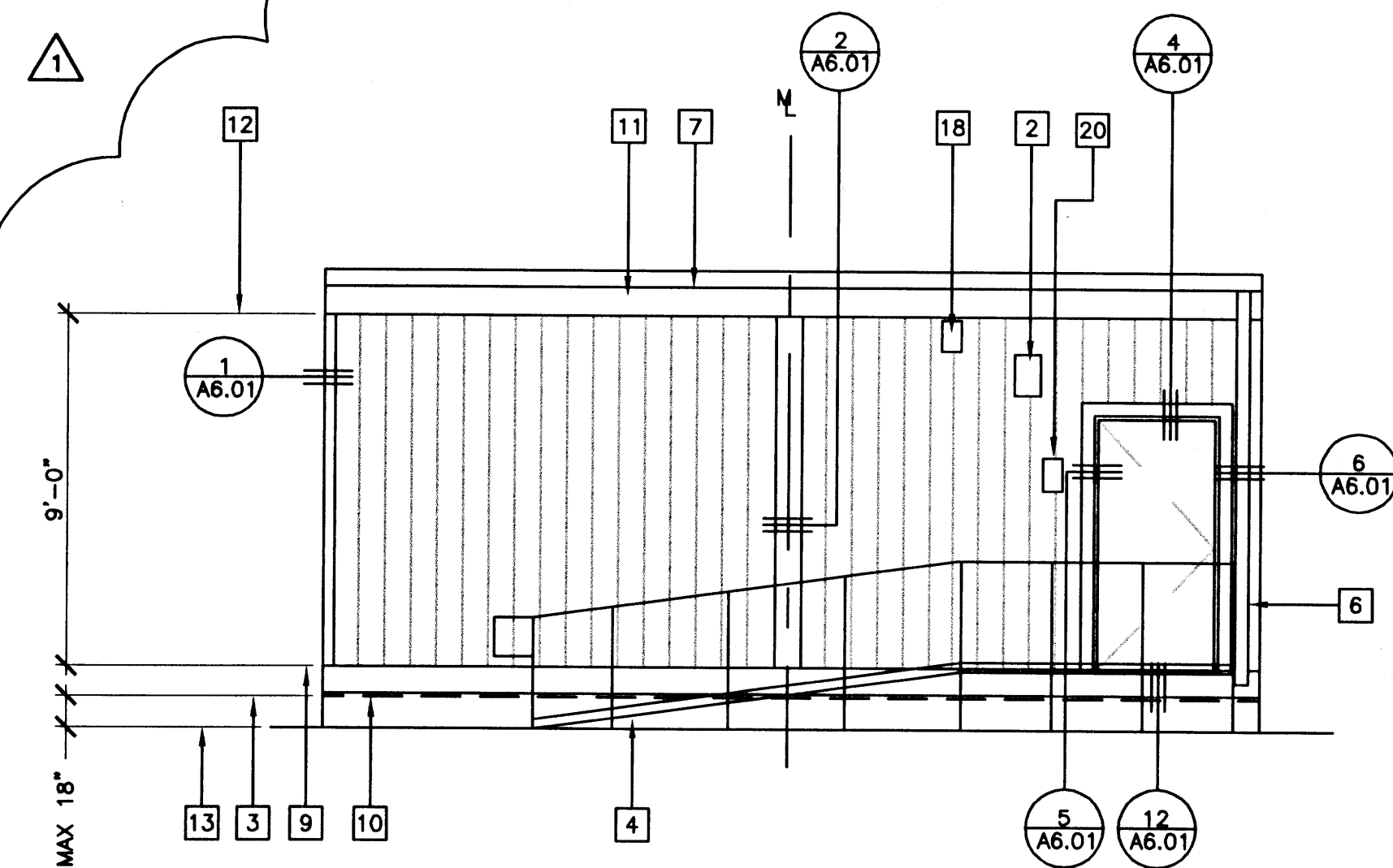
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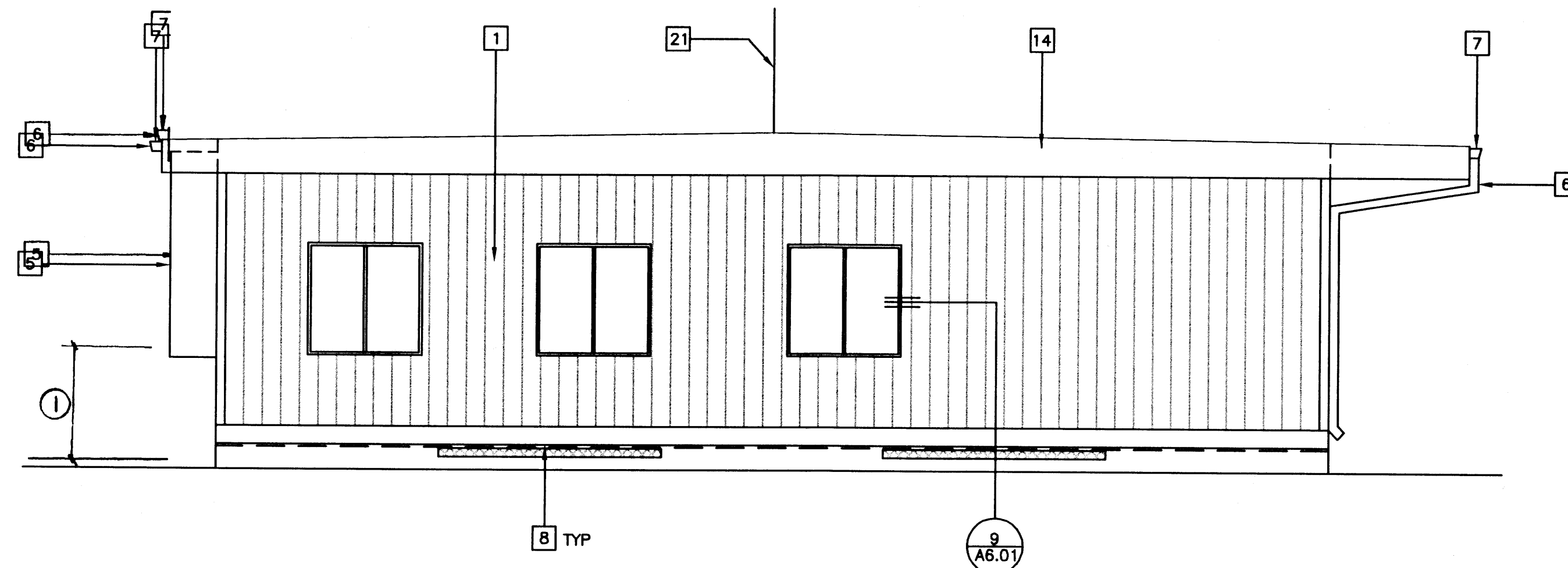
EXTERIOR ELEVATIONS 26 GA DUAL PITCH 24'x40'

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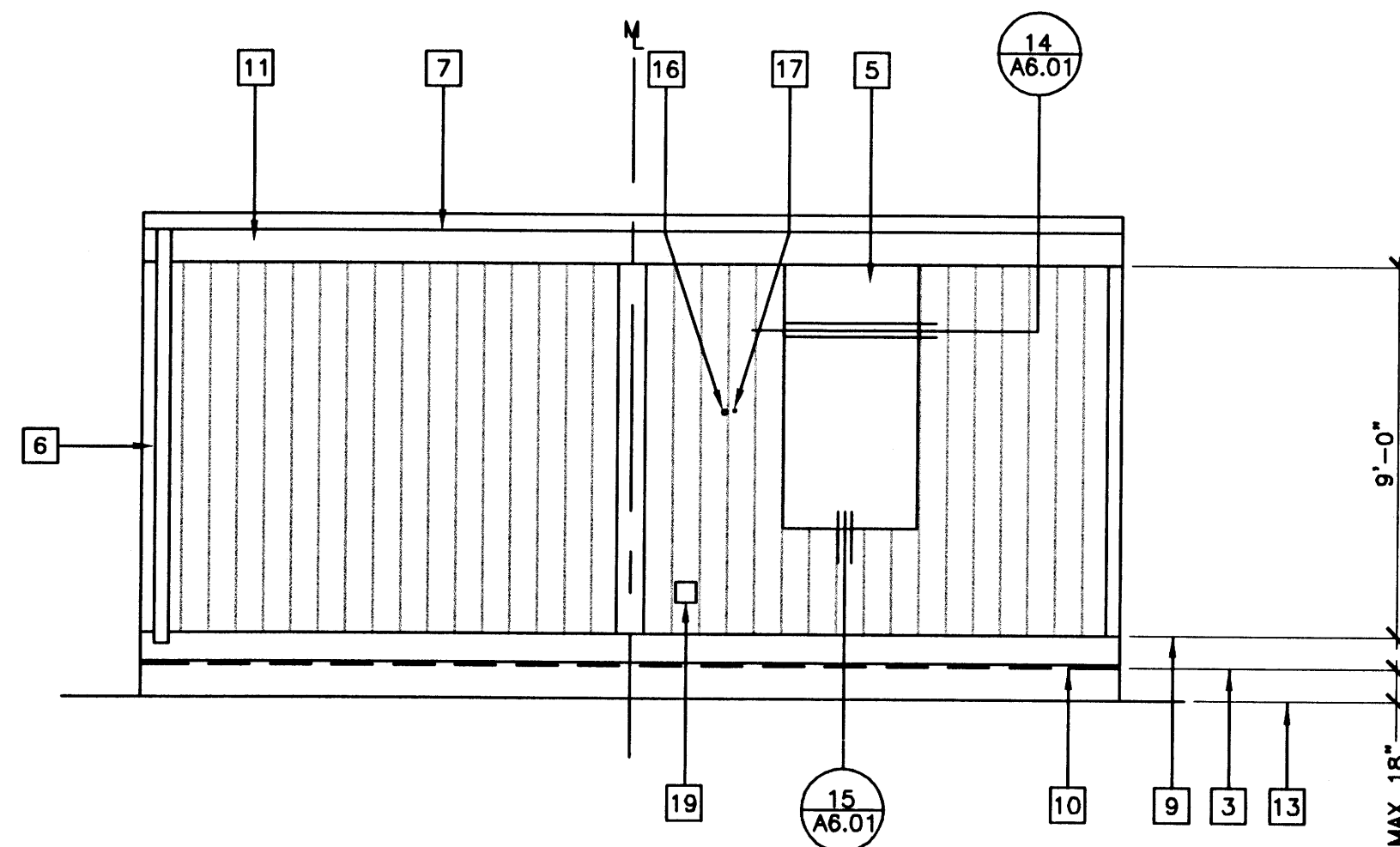
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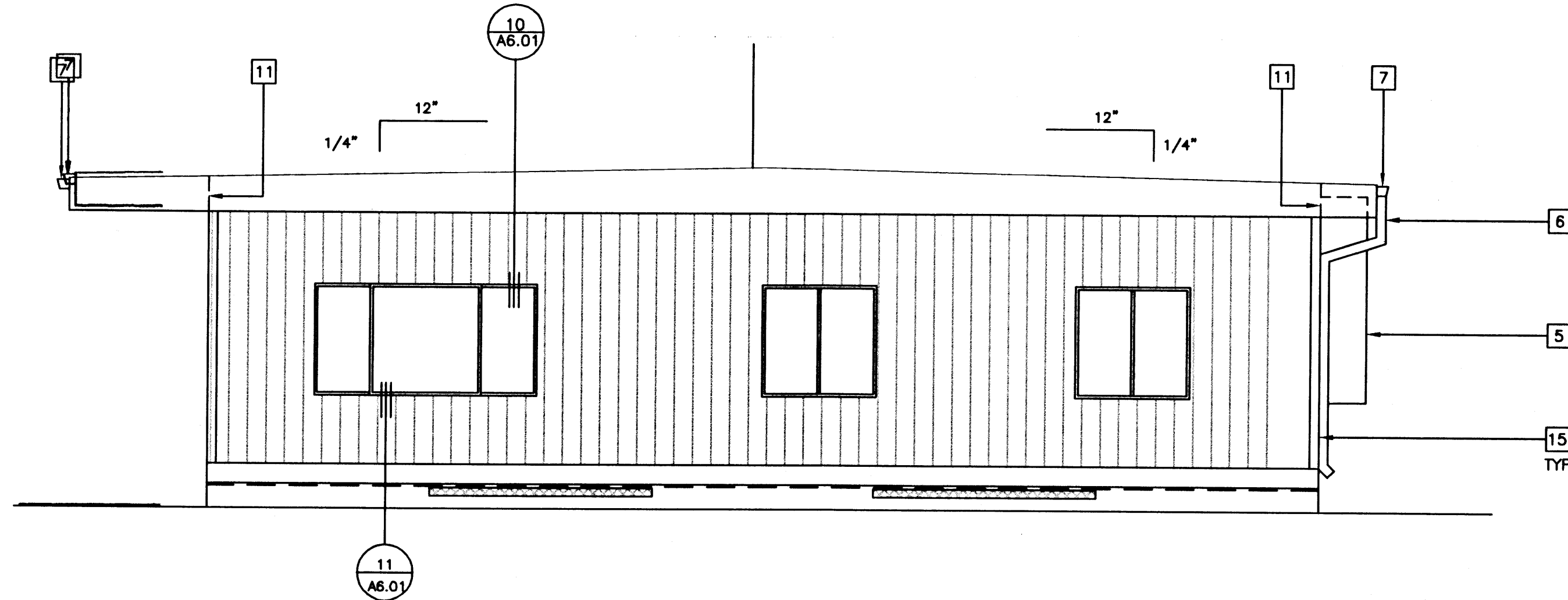
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

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- OPTIONAL - EXTERIOR PLASTER OVER LATH

EXTERIOR ELEVATIONS B

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

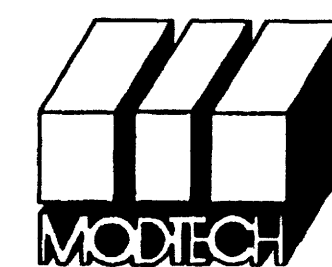
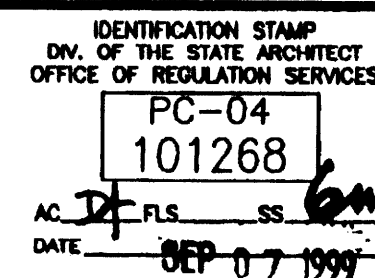
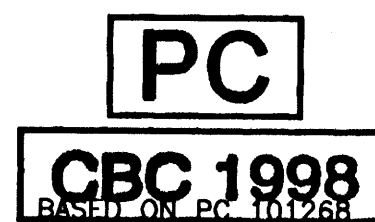
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1	MCA	MODIFIED FLOOR PLAN	04/15/02
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal



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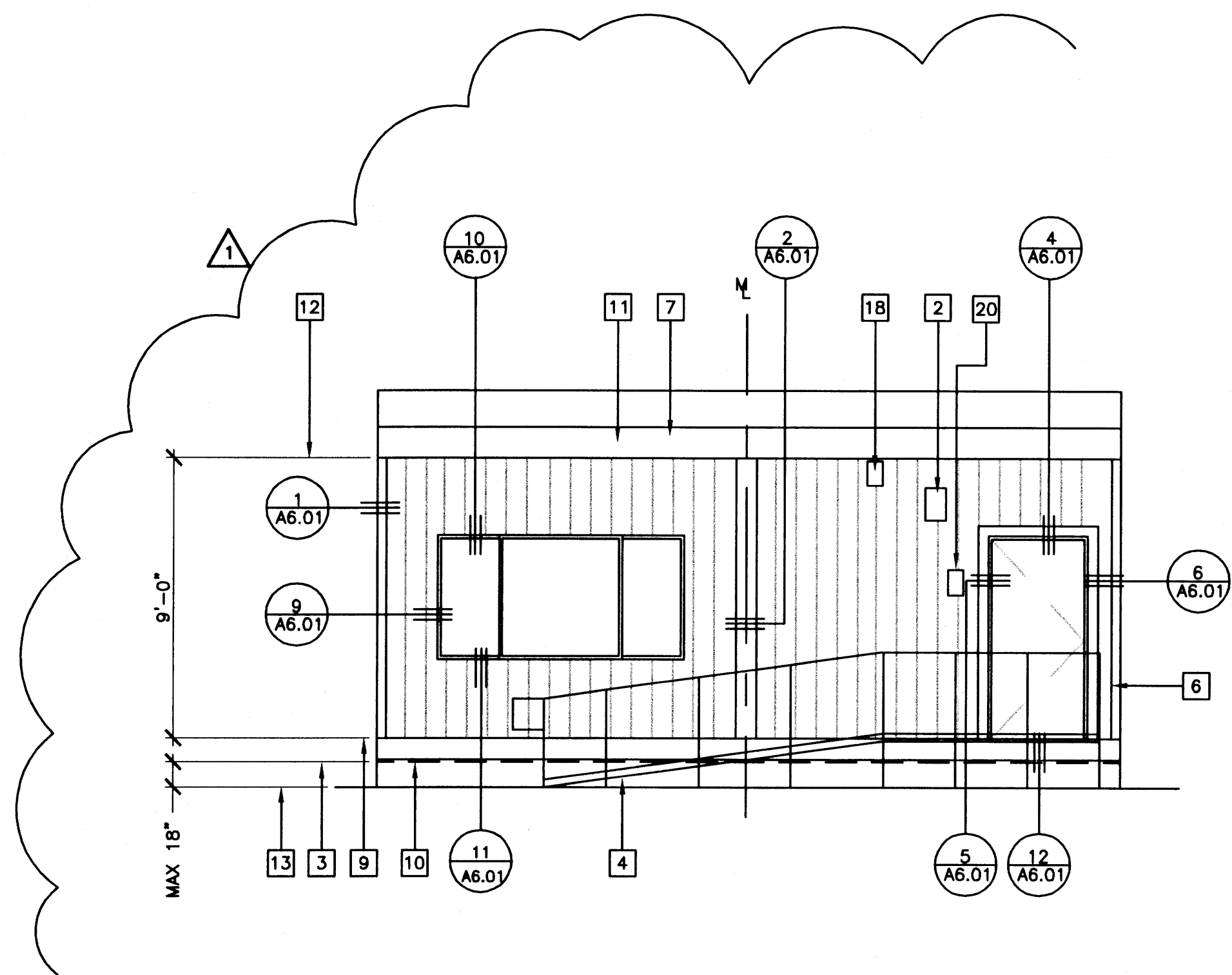
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EXTERIOR ELEVATIONS 26 GA DUAL PITCH 24'x40'

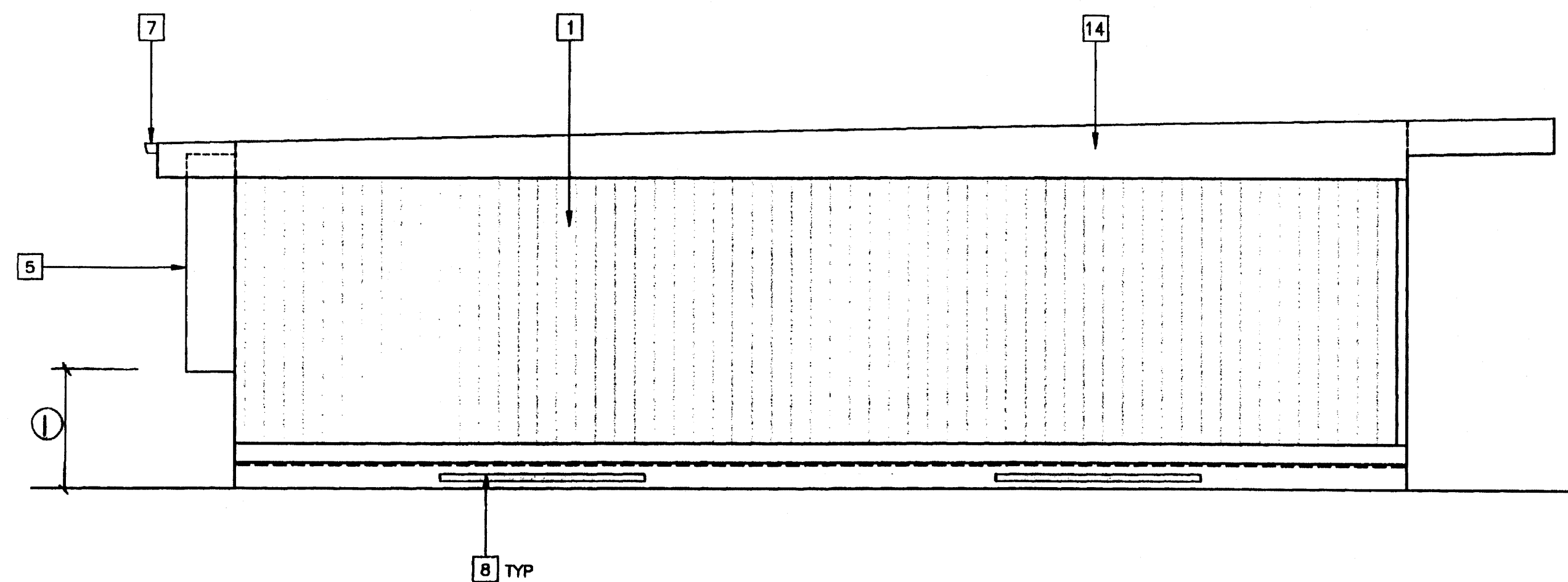
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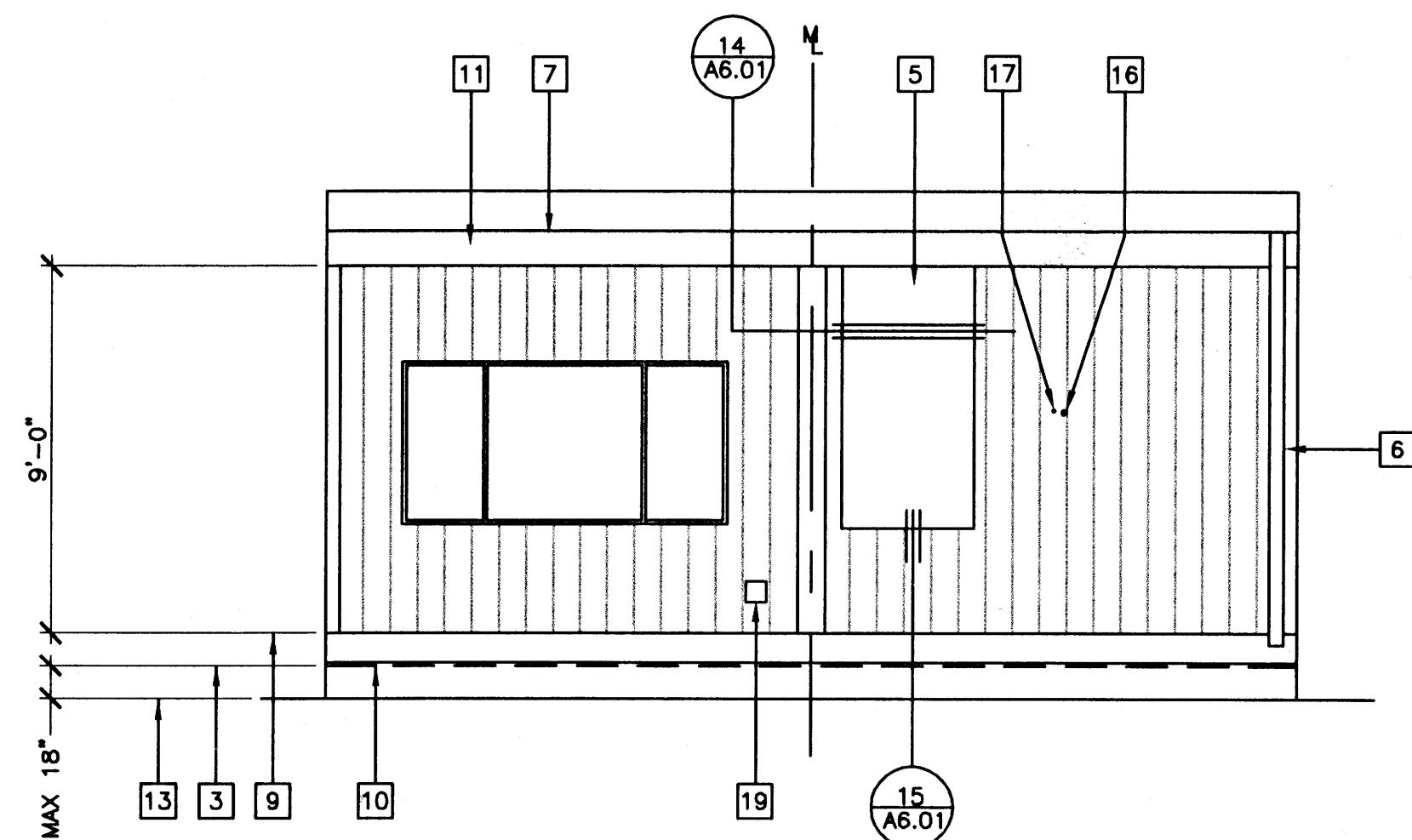
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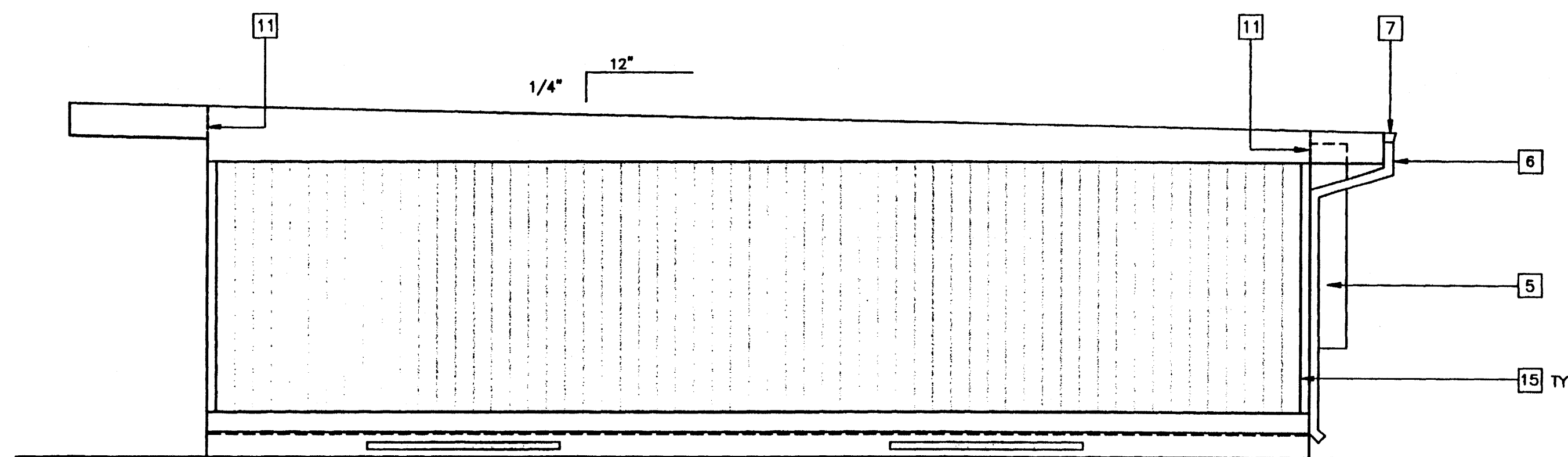
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

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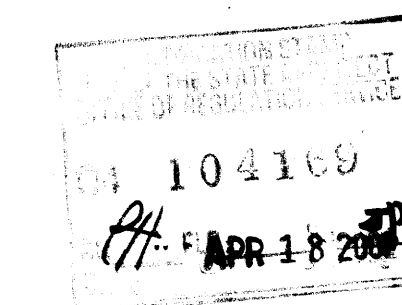
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EXTERIOR ELEVATIONS A/C

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

REVISIONS			
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Mechanical Engineer's Seal

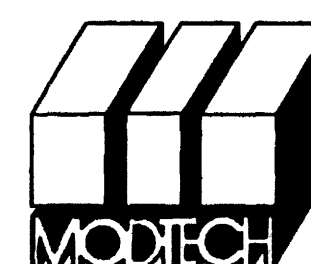
Structural Engineer's Seal

Architect's Seal

[Signature]
2000

[Seal: GEORGE C. EDWARDS, ARCHITECT, STATE OF CALIFORNIA, LICENSED ARCHITECT, 9-30-92]

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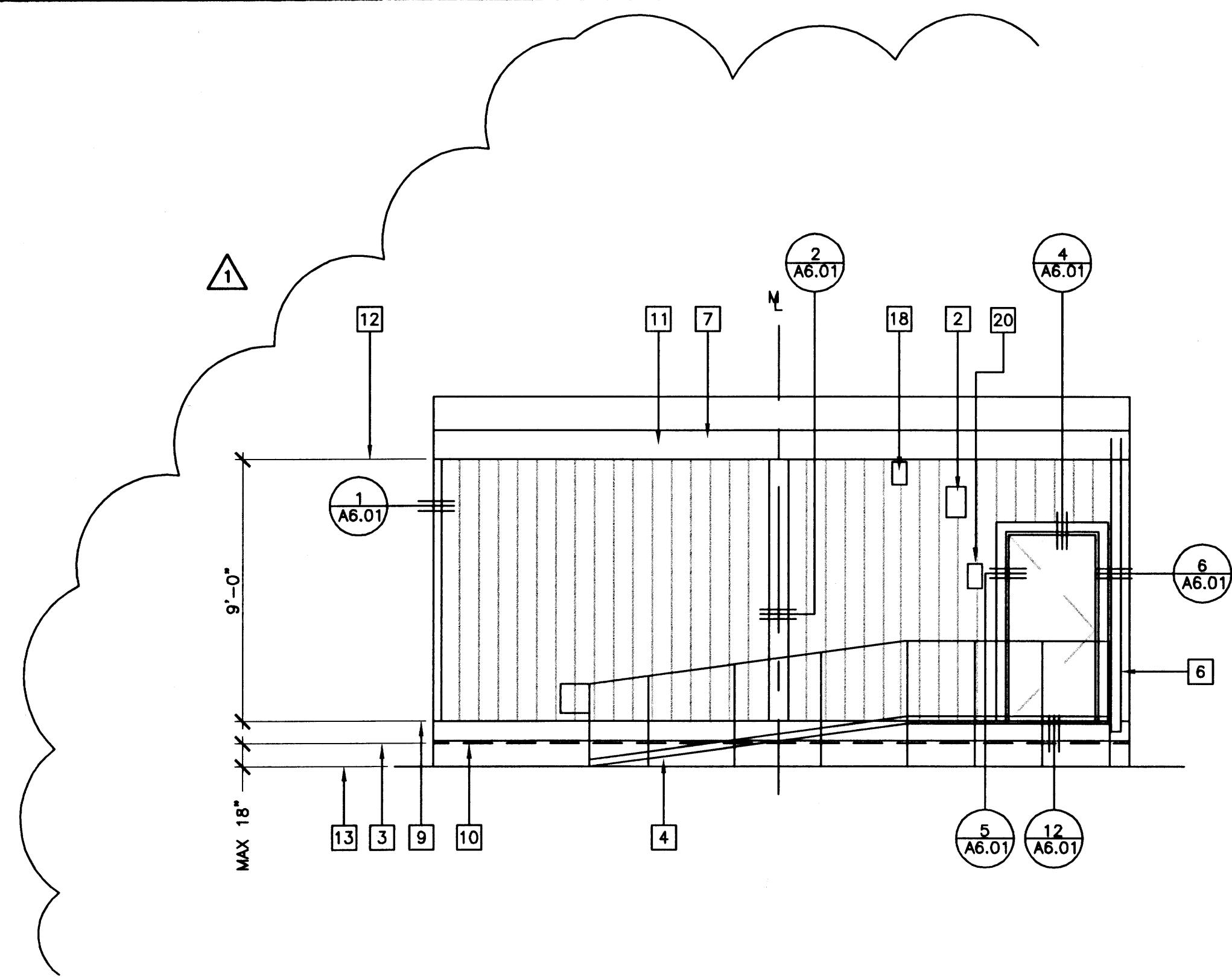
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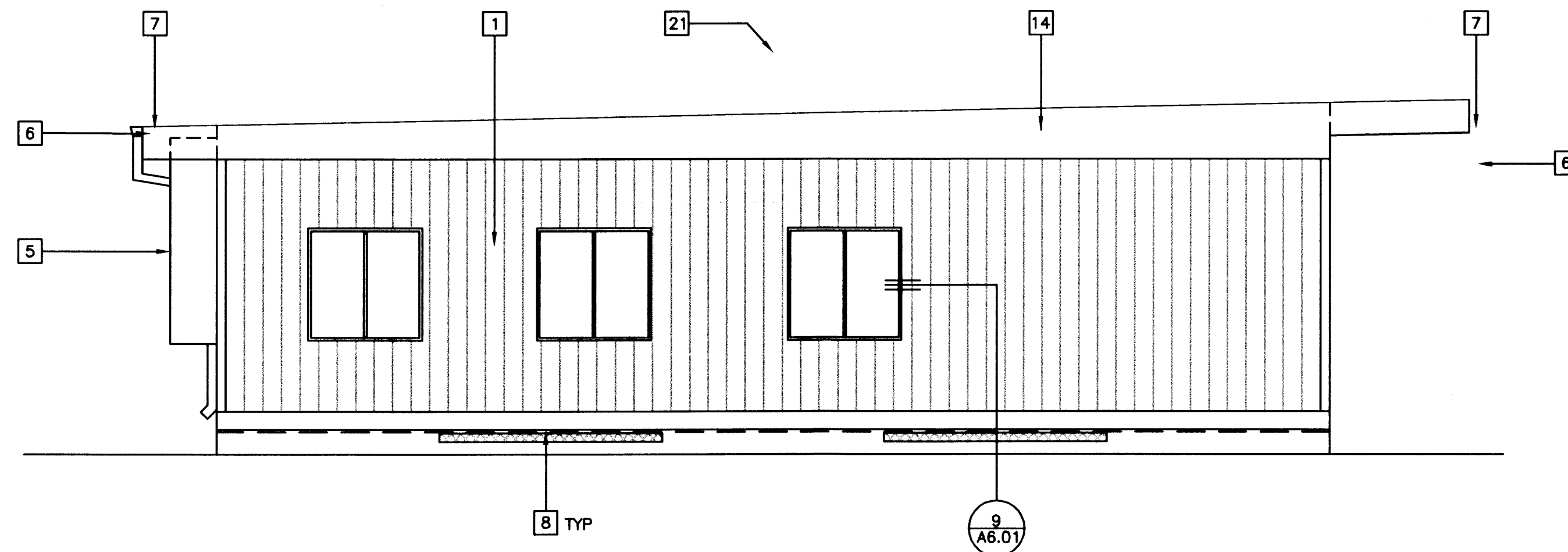
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EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

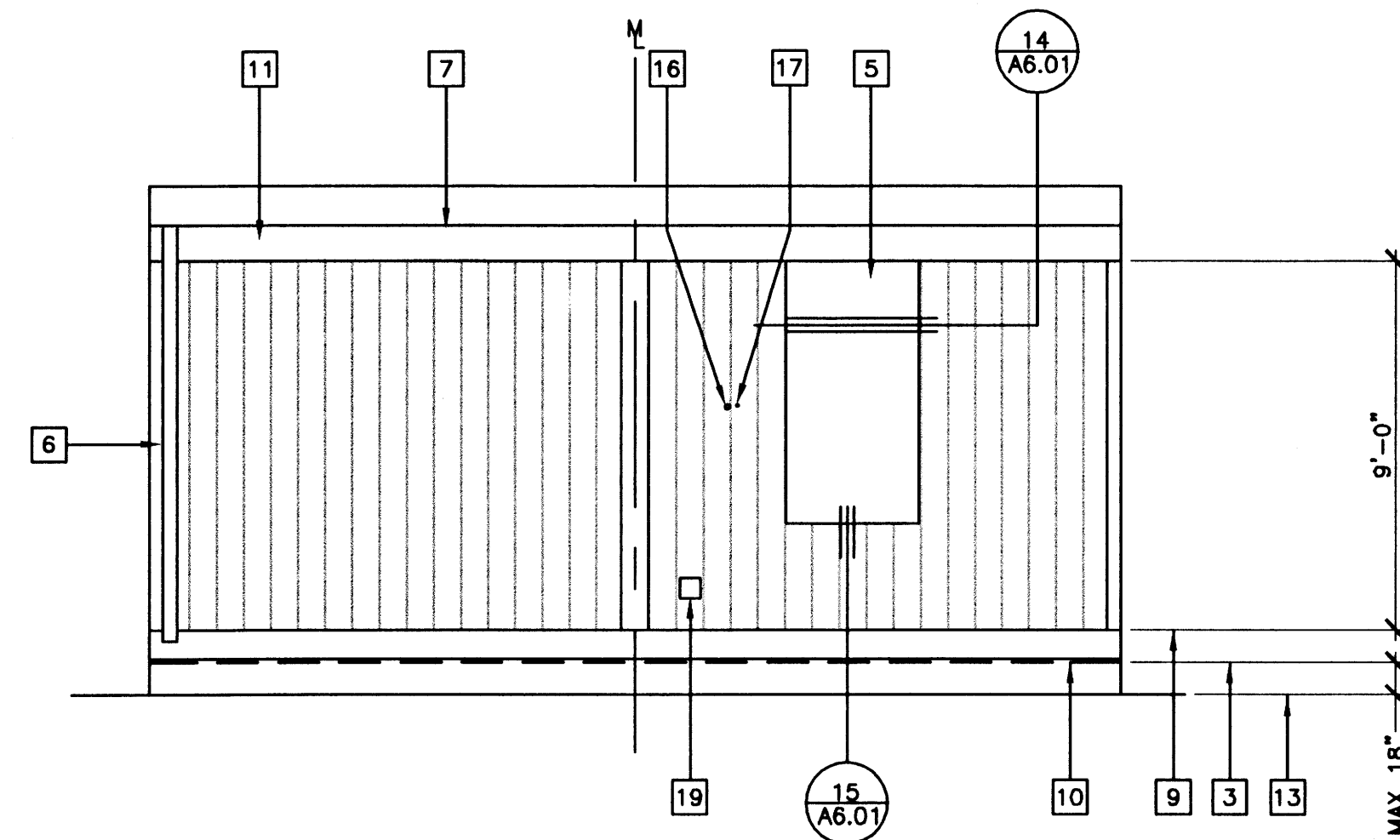
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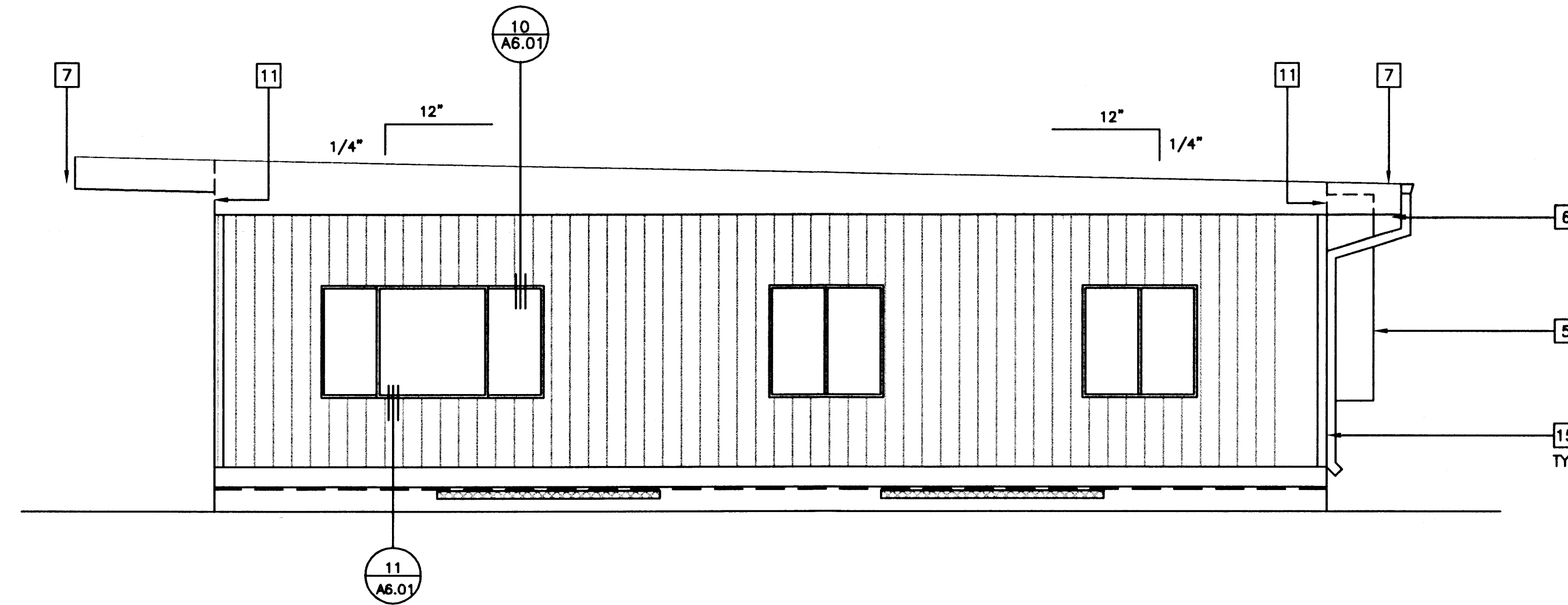
1 FRONT ELEVATION



2 LEFT SIDE ELEVATION



3 REAR ELEVATION



4 RIGHT SIDE ELEVATION

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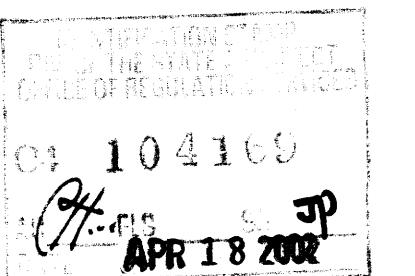
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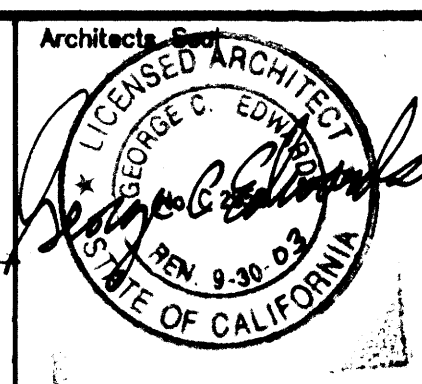
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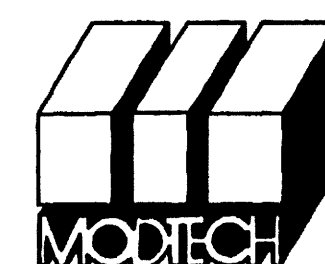
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FAX (909) 940-0427

PROJECT NUMBER: 4134

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DRAWN BY: M. ANDERSEN

DATE: APR 15 2002

4012-121

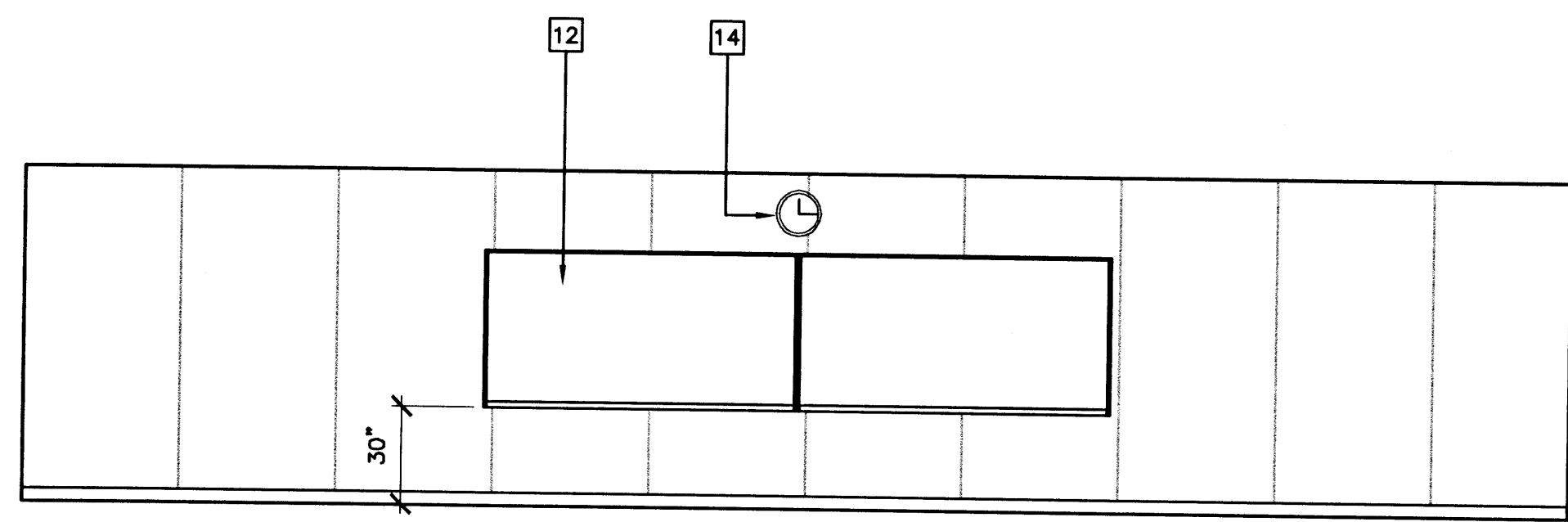
04-16-02

MODTECH Index No.

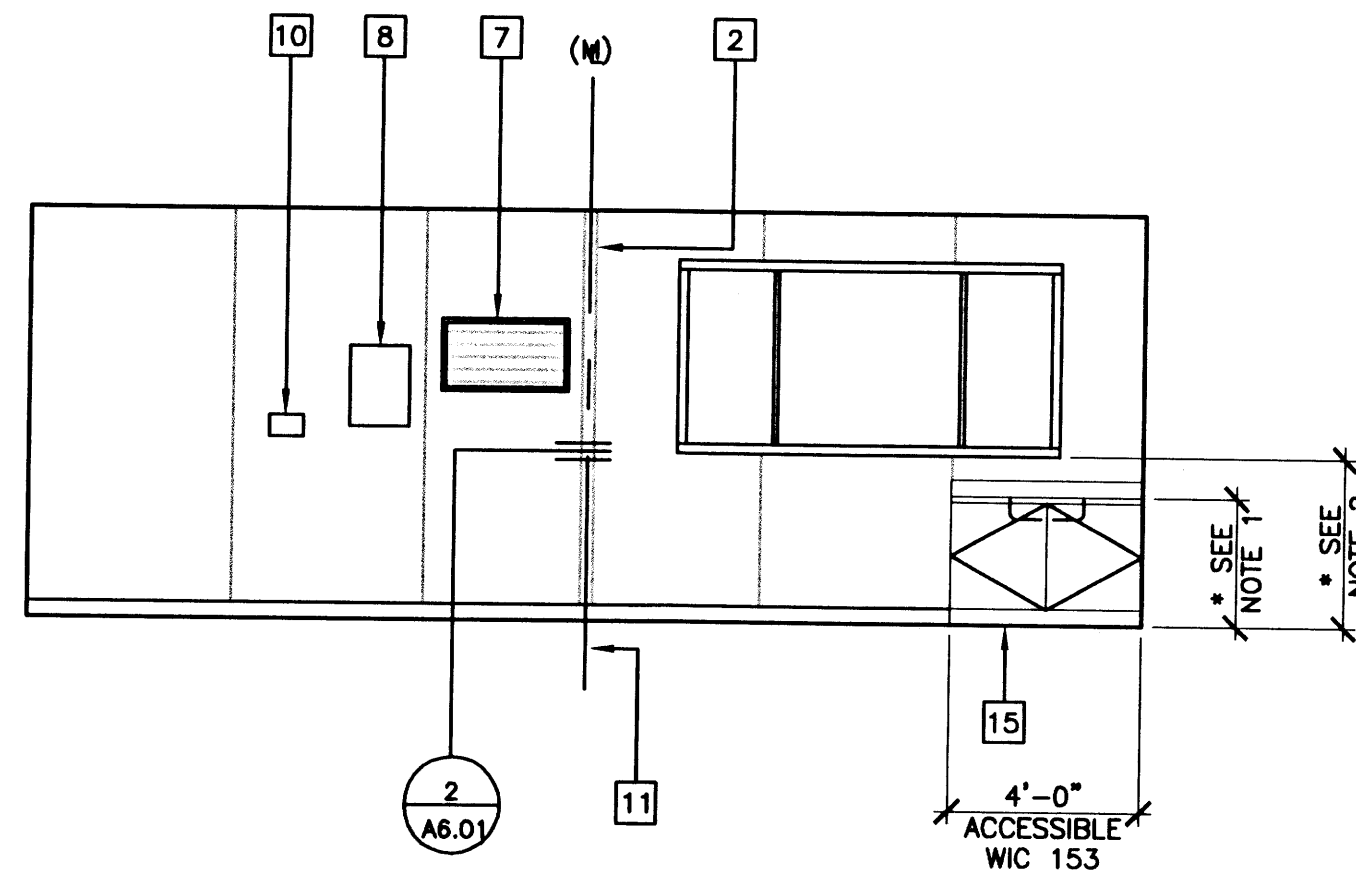
EXTERIOR ELEVATIONS 26 GA MONO PITCH 24'x40'

A3.11B

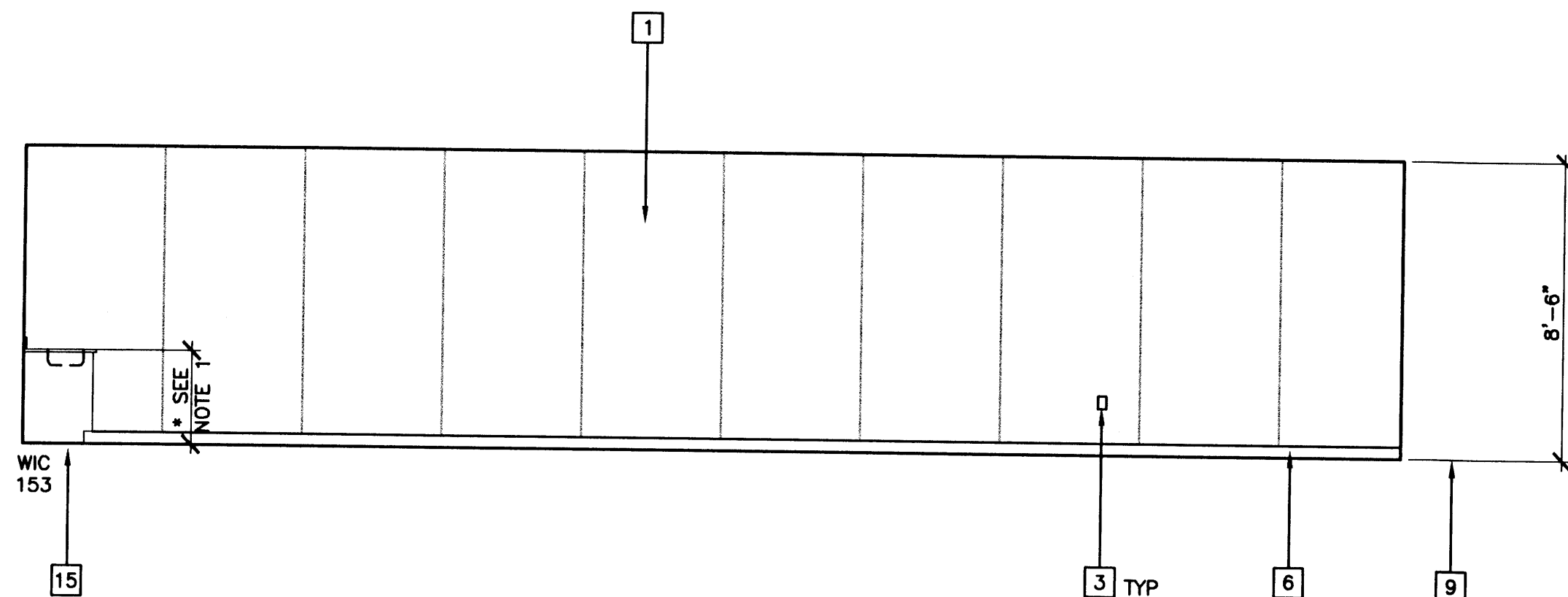
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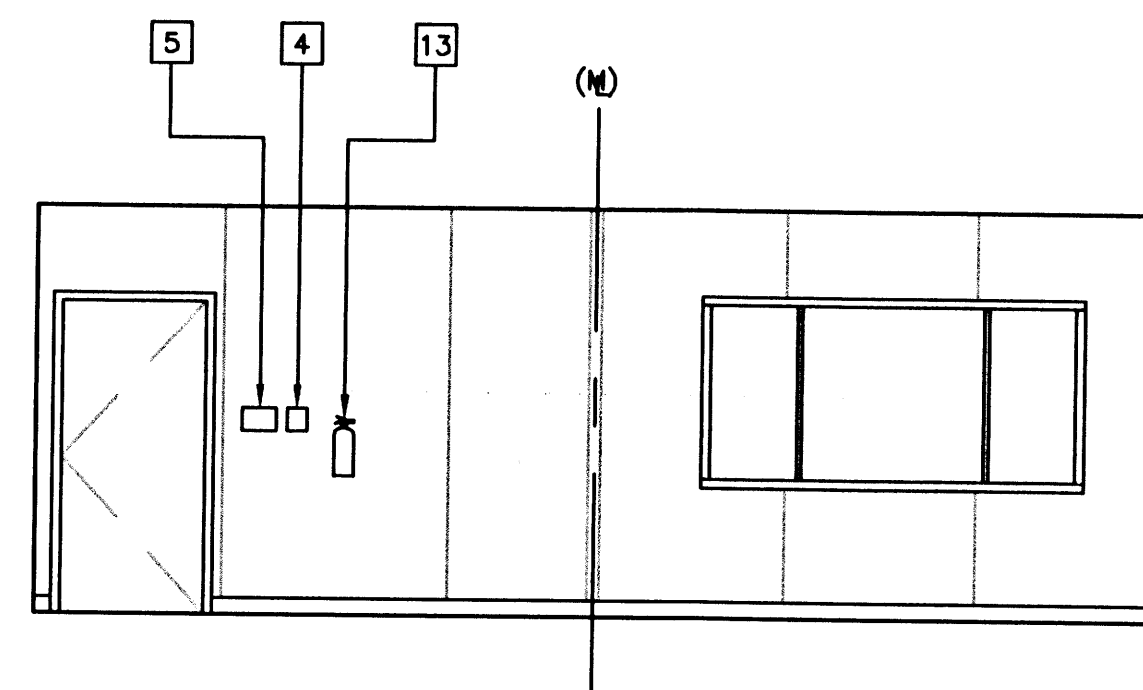
3 RIGHT SIDE ELEVATION



2 REAR ELEVATION



1 LEFT ELEVATION



4 FRONT ELEVATION

KEY NOTES

- 1 TYPICAL INTERIOR FINISH (FIN)
- 2 CLOSURE AT MODULAR JOINT
- 3 DUPLEX WALL RECEPTACLE (EL)
- 4 J-BOX FOR FIRE ALARM PULL STATION (EL)
- 5 LIGHT SWITCH (EL)
- 6 BASE
- 7 RETURN AIR GRILL
- 8 ELECTRICAL PANEL (EL)
- 9 FINISH FLOOR LINE (FIN)
- 10 THERMOSTAT (HV)
- 11 MODULAR JOINT
- 12 8040 MARKBOARD. TYPICAL FOR (2)
- 13 FIRE EXTINGUISHER: 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING ON WALL MOUNTED BRACKET, HANDLE AT 48" AFF
- 14 ELECTRIC CLOCK (EL)
- 15 OPTIONAL SINK CABINET (LOCATION MAY VARY) SINK MODEL #

NOTES

- *1. FINAL HEIGHT IS T.B.D. BY CUSTOMER PRIOR TO CONSTRUCTION.
- *2. DEPENDING ON CUSTOMER'S PREFERENCE FOR CABINET HEIGHT/ WINDOW MAY BE RAISED TO A 42" MAX - THIS WILL BE DETERMINED BY CUSTOMER PRIOR TO CONSTRUCTION

INTERIOR ELEVATIONS A/C

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

REVISIONS

NO.	DESCRIPTION	DATE
1	MCA MODIFIED FLOOR PLAN	04/15/02
2		
3		
4		
5		

Electrical Engineer's Seal

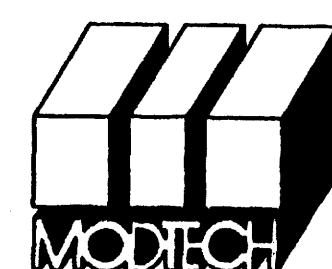
Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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101268
AC: [Signature]
DATE: SEP 07 1999



MODTECH INC.
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PERRIS, CALIF. 92572
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PROJECT NUMBER: 4134

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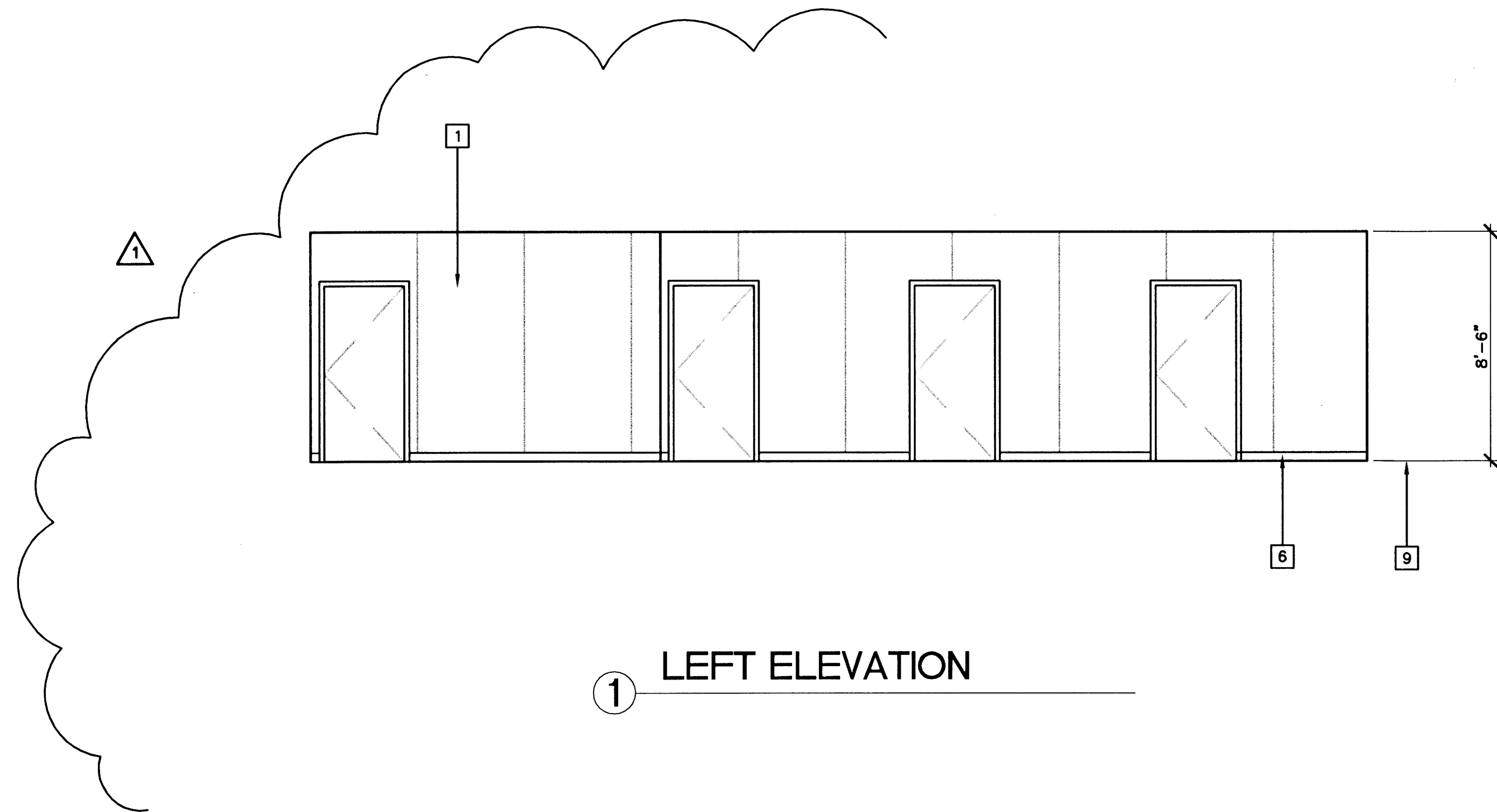
INTERIOR ELEVATIONS 24'x40' STD/C LAB

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DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02

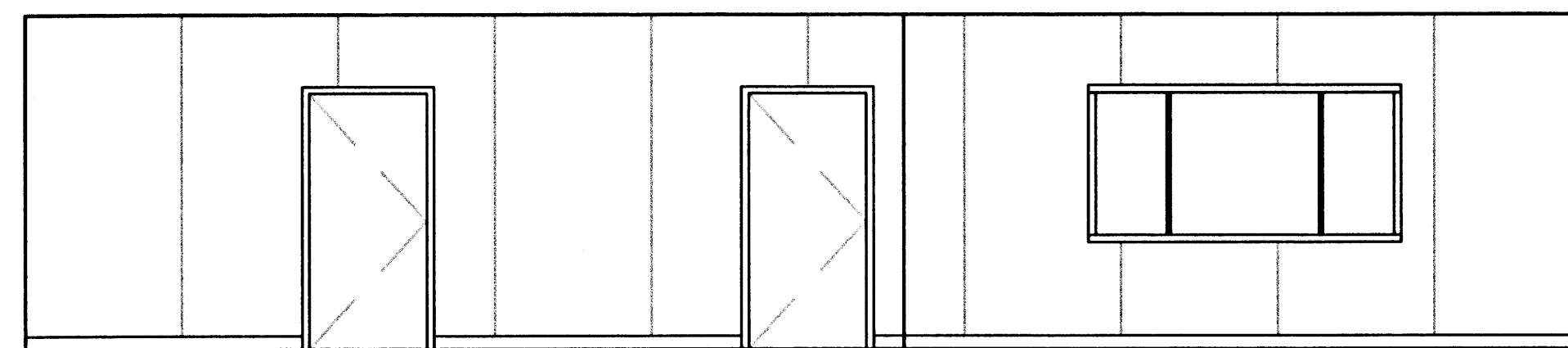
MODTECH Index No.

A4.01A

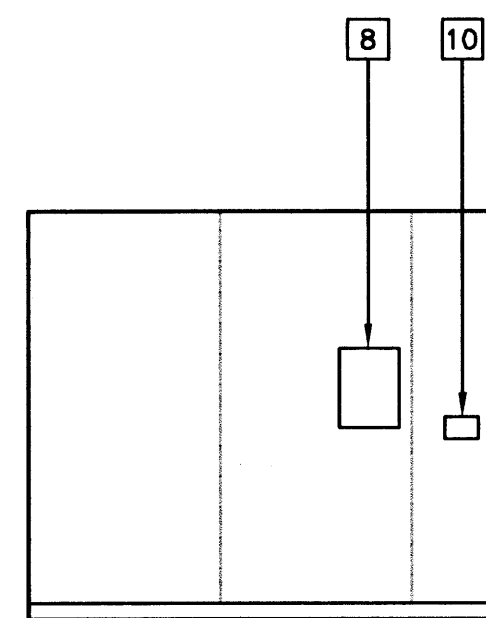
STKP-62



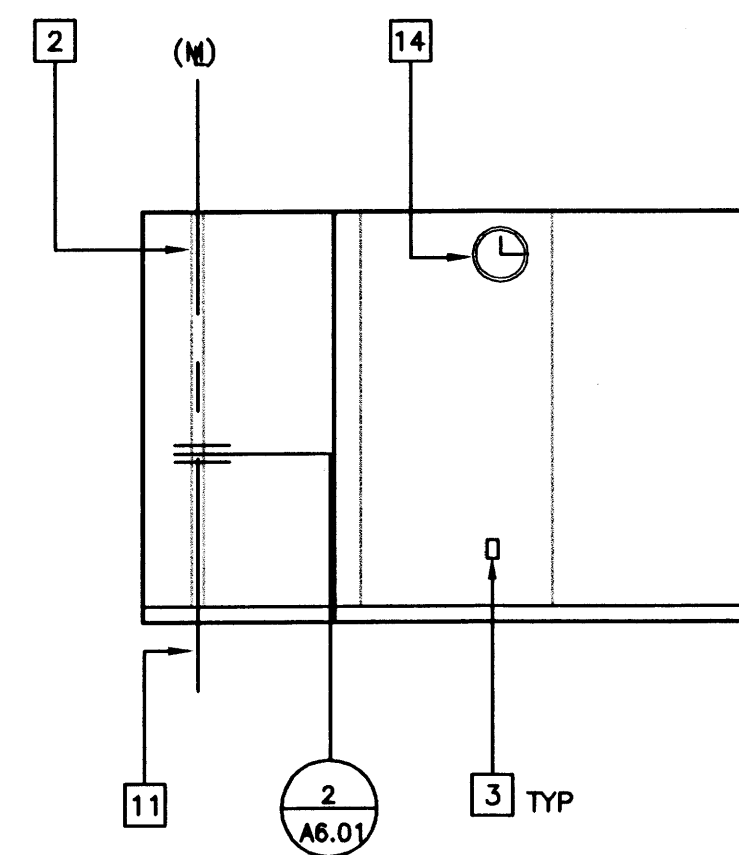
① LEFT ELEVATION



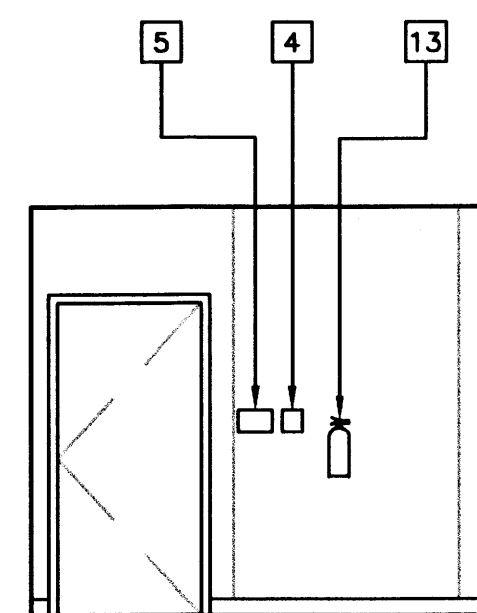
③ RIGHT SIDE ELEVATION



⑤ REAR OFFICE



② REAR ELEVATION



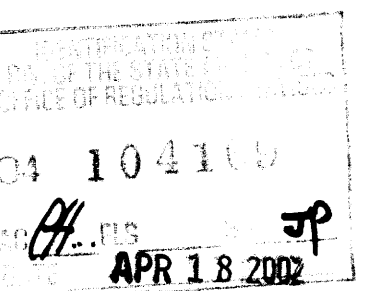
④ FRONT ELEVATION (RECEPTION)

KEY NOTES

- ① TYPICAL INTERIOR FINISH (FIN)
- ② CLOSURE AT MODULAR JOINT
- ③ DUPLEX WALL RECEPTACLE (EL)
- ④ J-BOX FOR FIRE ALARM PULL STATION (EL)
- ⑤ LIGHT SWITCH (EL)
- ⑥ BASE
- ⑦ RETURN AIR GRILL
- ⑧ ELECTRICAL PANEL (EL)
- ⑨ FINISH FLOOR LINE (FIN)
- ⑩ THERMOSTAT (HV)
- ⑪ MODULAR JOINT
- ⑫ NOT USED
- ⑬ FIRE EXTINGUISHER: 5 LBS DRY CHEMICAL WITH 2A-10BC UL RATING ON WALL MOUNTED BRACKET, HANDLE AT 48" AFF
- ⑭ ELECTRIC CLOCK (EL)

INTERIOR ELEVATIONS B

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



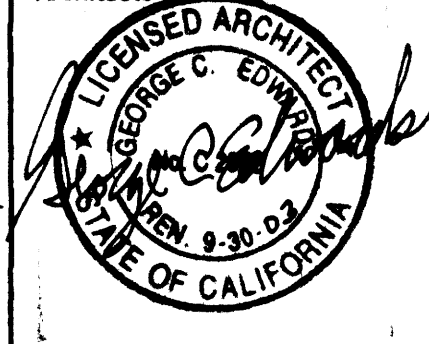
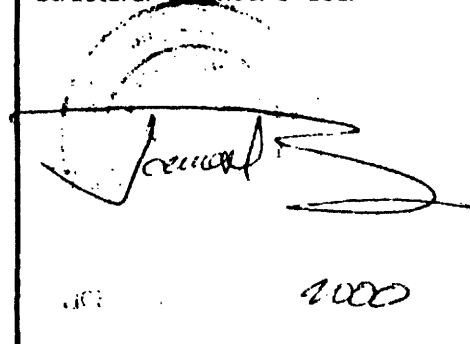
REVISIONS			
①	MCA	MODIFIED FLOOR PLAN	04/15/02
②			
③			
④			
⑤			

Electrical Engineer's Seal

Mechanical Engineer's Seal

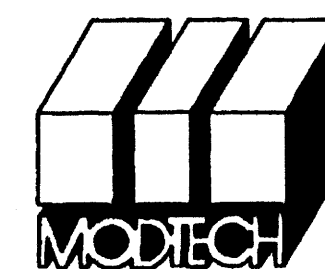
Structural Engineer's Seal

Architect's Seal



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DATE: 04-16-02
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INTERIOR ELEVATIONS

24'x40' ADMIN

A4.01B

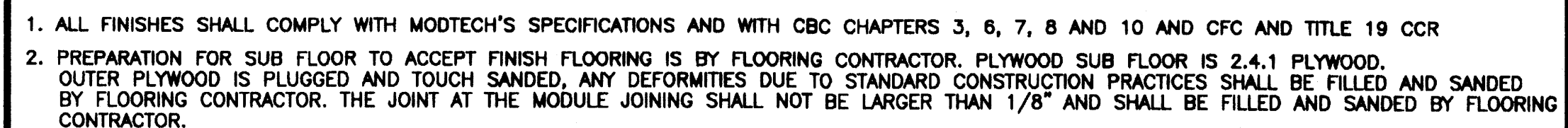
ROOM FINISH SCHEDULE

WINDOW NUMBER	WINDOW TYPE	QUANTITY	FRAME OPENING		FINISH	REMARKS
			WIDTH	HEIGHT		
A	1	1	8'-0"	4'-0"	ANODIZED	SEE NOTE #1 STANDARD CLASSROOM
B	1	5	4'-0"	4'-0"	ANODIZED	SEE NOTE #1 ADMINISTRATION BLDG
C	1	1	8'-0"	4'-0"	ANODIZED	SEE NOTE #1 ADMINISTRATION BLDG

108	RESTROOM	B	F	G	G	G	G	Q	B'-O"	ADMINISTRATION BUILDING
A	-	CARPET PER STATE OF CALIF SPEC COMPLYING WITH GROUP 1, TYPE A OR TYPE B, CLASS 2, DENSITY 4600, DIRECT GLUE DOWN .								
B	-	VINYL SHEET FLOORING								
C	-	VCT, ARMSTRONG STANDARD OR EXCELOX								
D	-	TOP SET BASE - 4"								
E	-	TOP SET BASE - 6"								
F	-	SELF COVE BASE - 6"								
G	-	1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYP BOARD BACKING								
H	-	1/8" MARLITE OVER 1/2" GYP BOARD OR 3/8" MARLITE FLAME SPREAD CLASS 3								
I	-	1/2" WR GYP BOARD, TAPE, TEXTURE, PAINTED FINISH								

4

FINISH NOTES



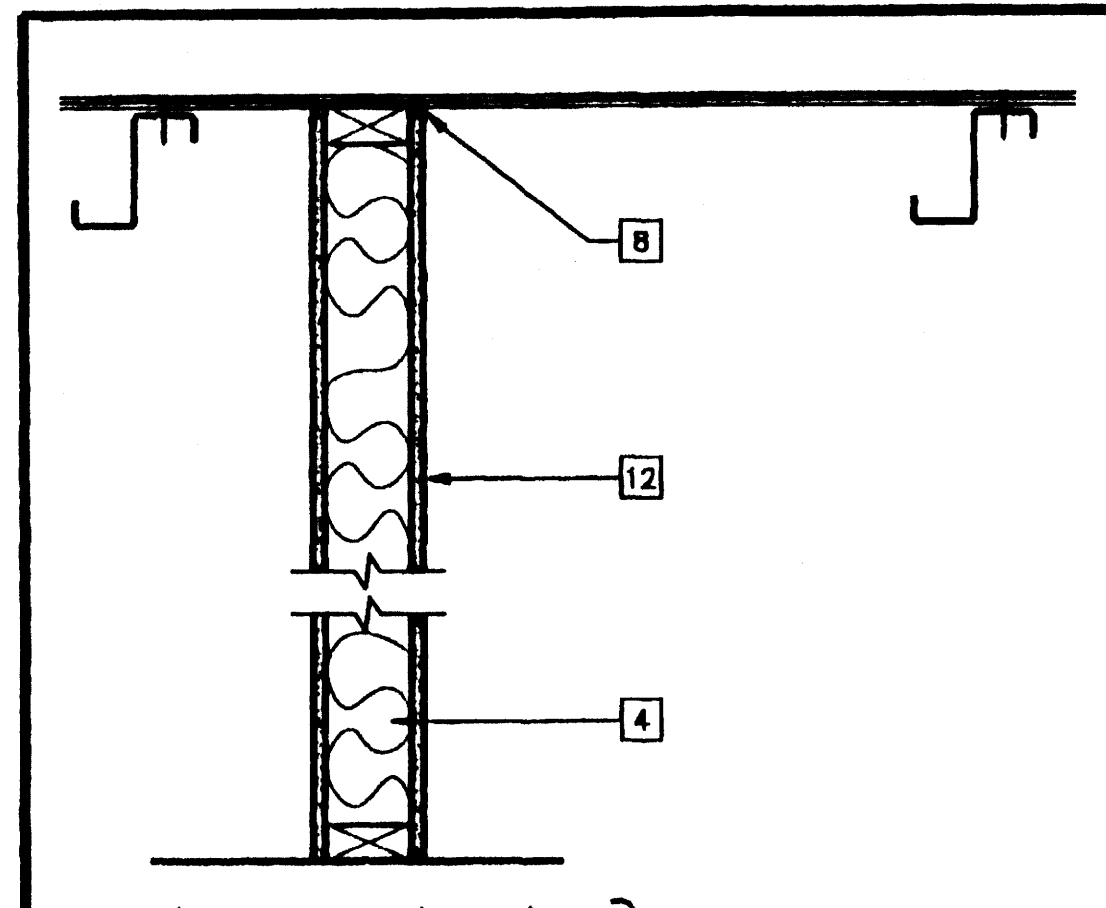
TOILET ROOM SIGNAGE (BY DISTRICT)

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CBC 1998



SCHEDULES

A5.01



(SEE 14, 15/S4.02)

GA FILE No. WP 3510

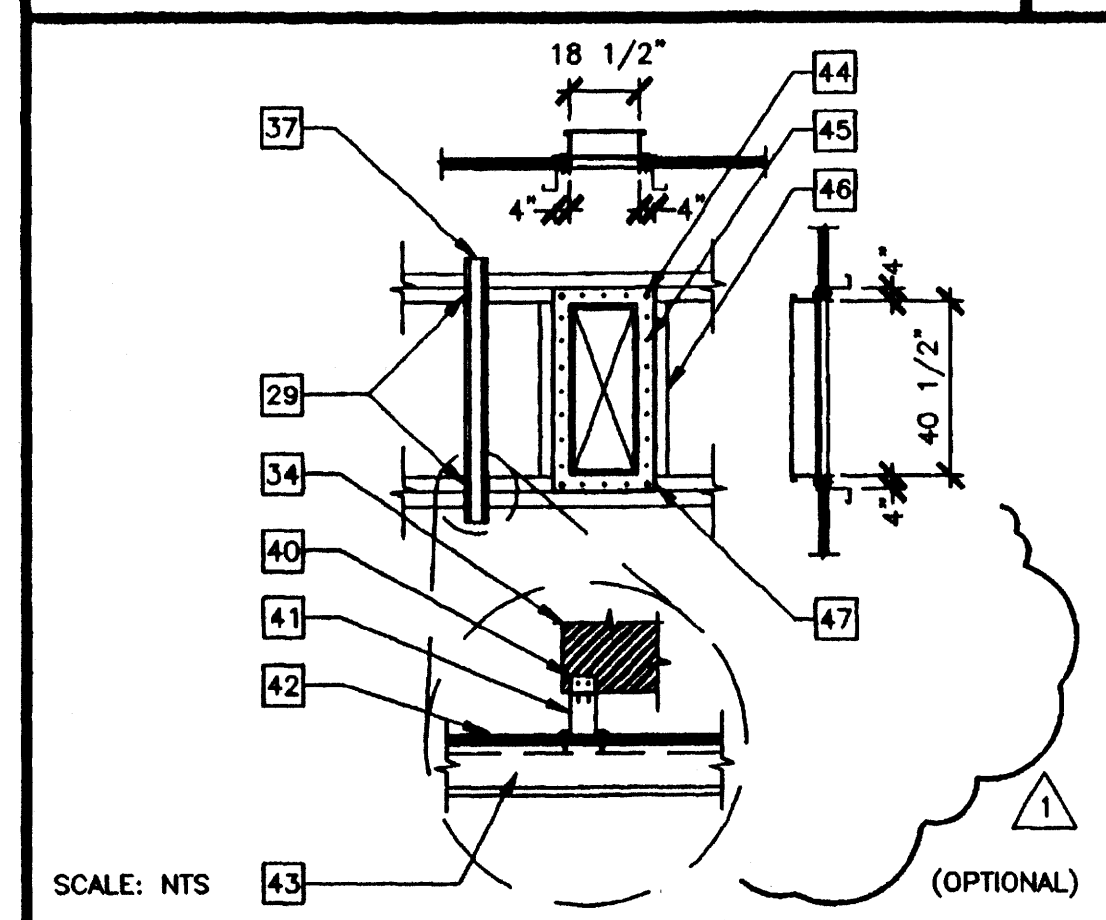
GYPSUM WALL BOARD ON WOOD STUDS

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

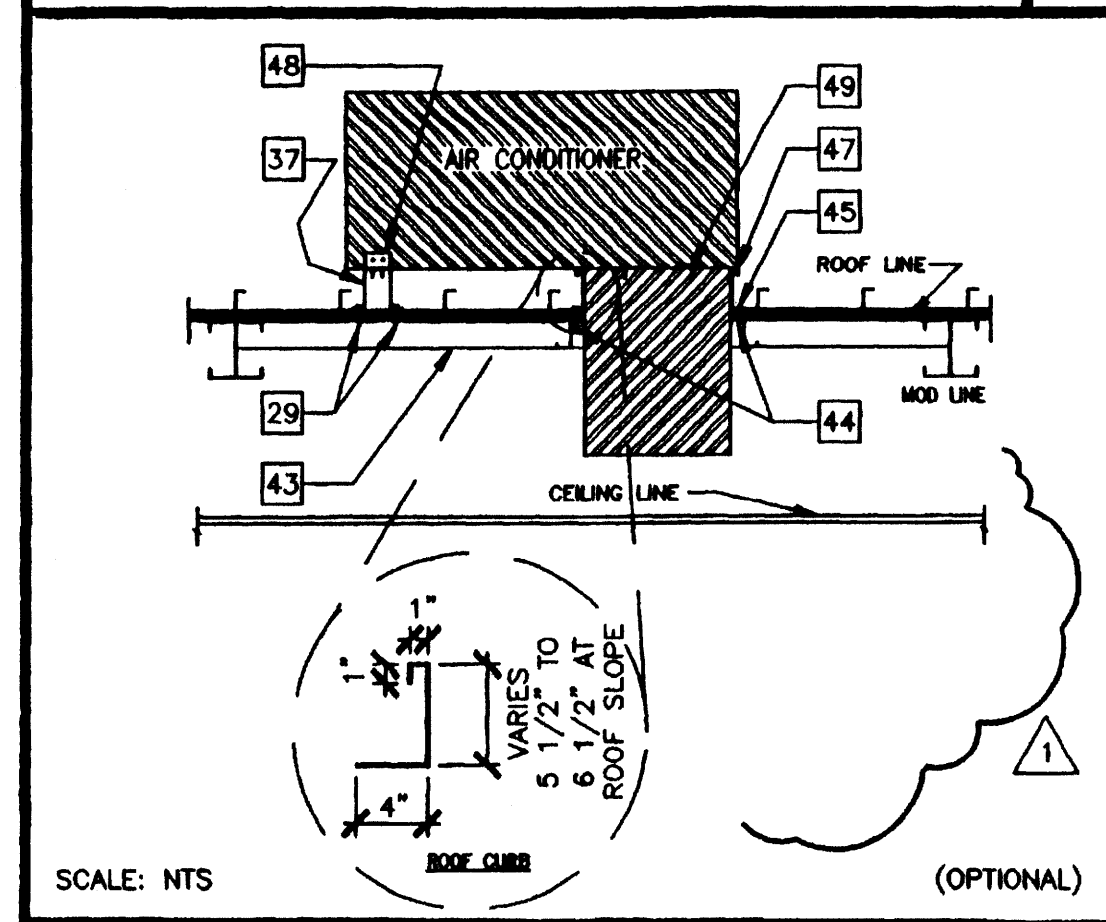
THICKNESS: 4 3/4"
APPROXIMATE WEIGHT: 7 PSF
FIRE TEST: UL R3501-47, -48, 9-17-85, DESIGN U309; UL R1319-129, 7-22-70, DESIGN U314
SOUND TEST: NGC 2404, 10-14-70

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

ONE HOUR INTERIOR FIRE WALL 16

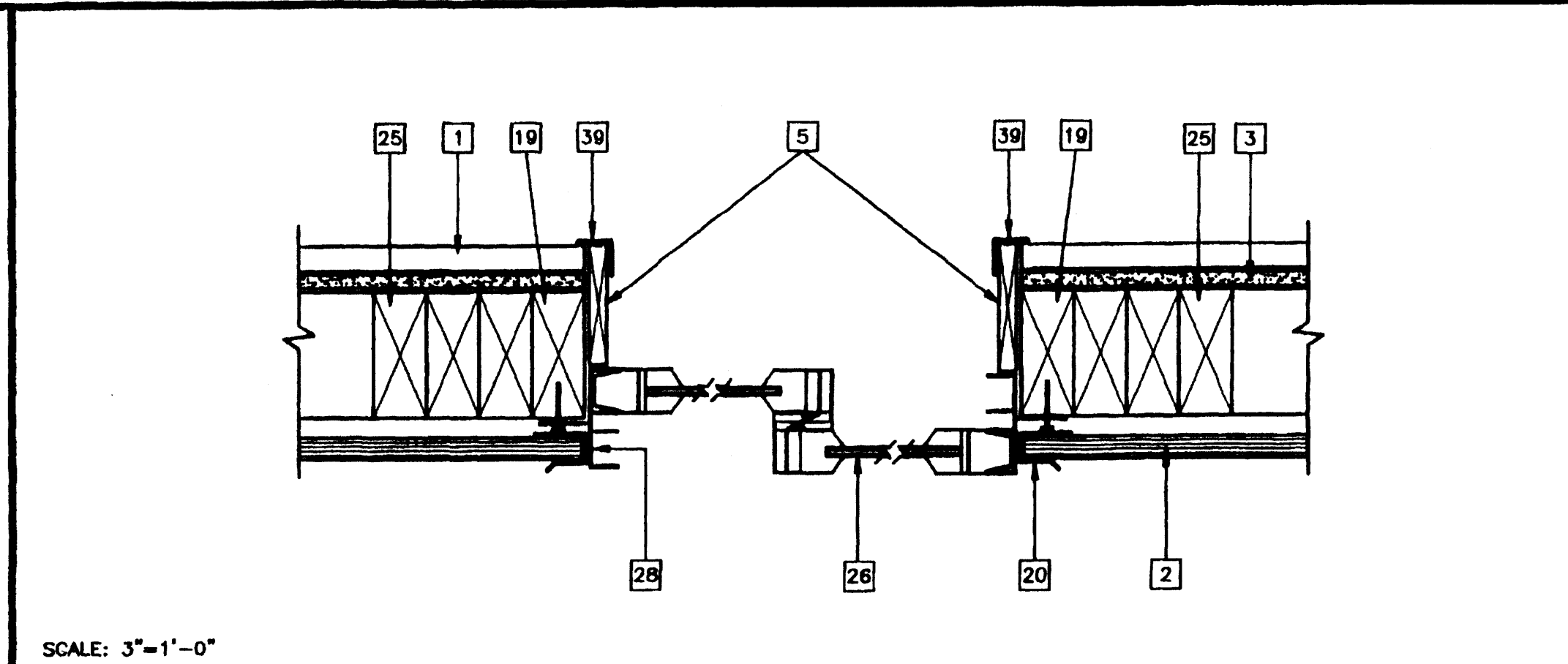


CURB ATTACHMENT ON METAL ROOFING 18

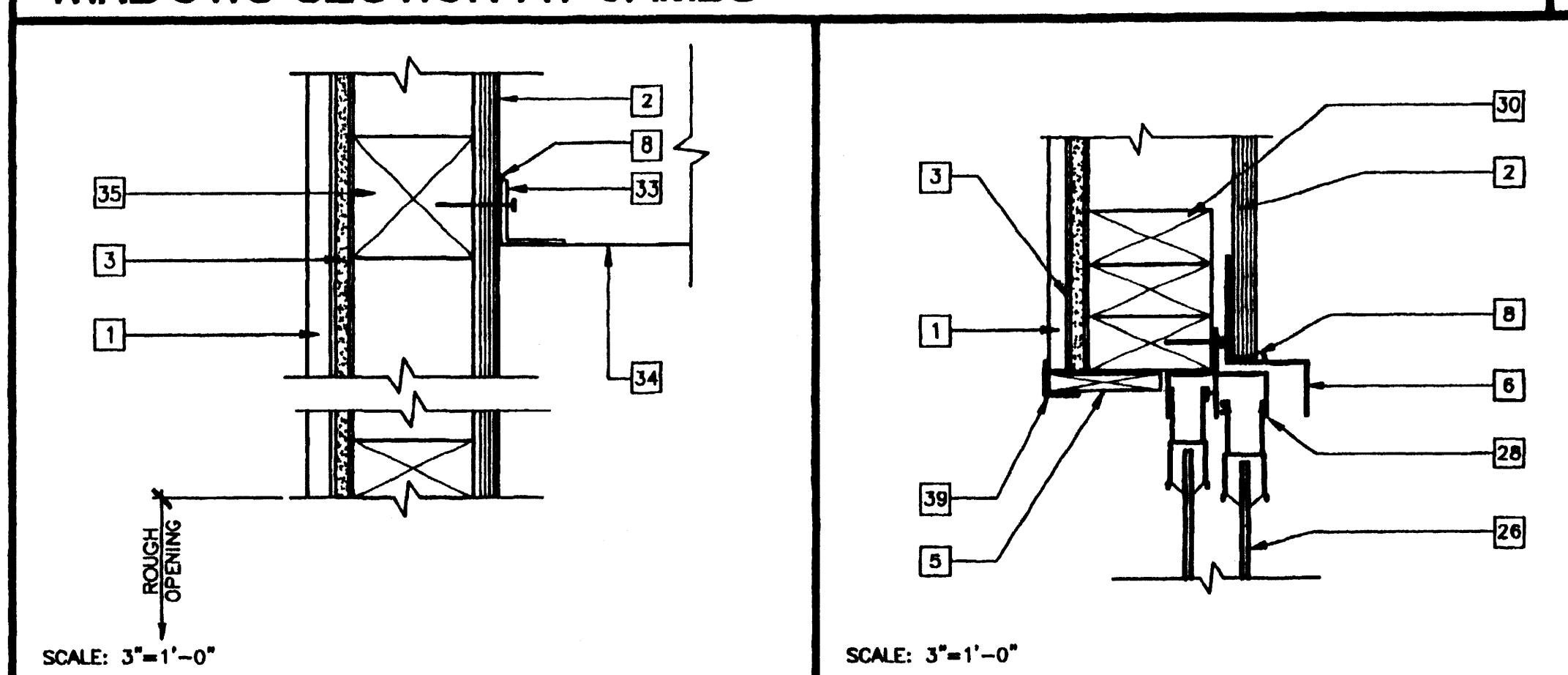


SECTION THRU AIR CONDITIONER 19

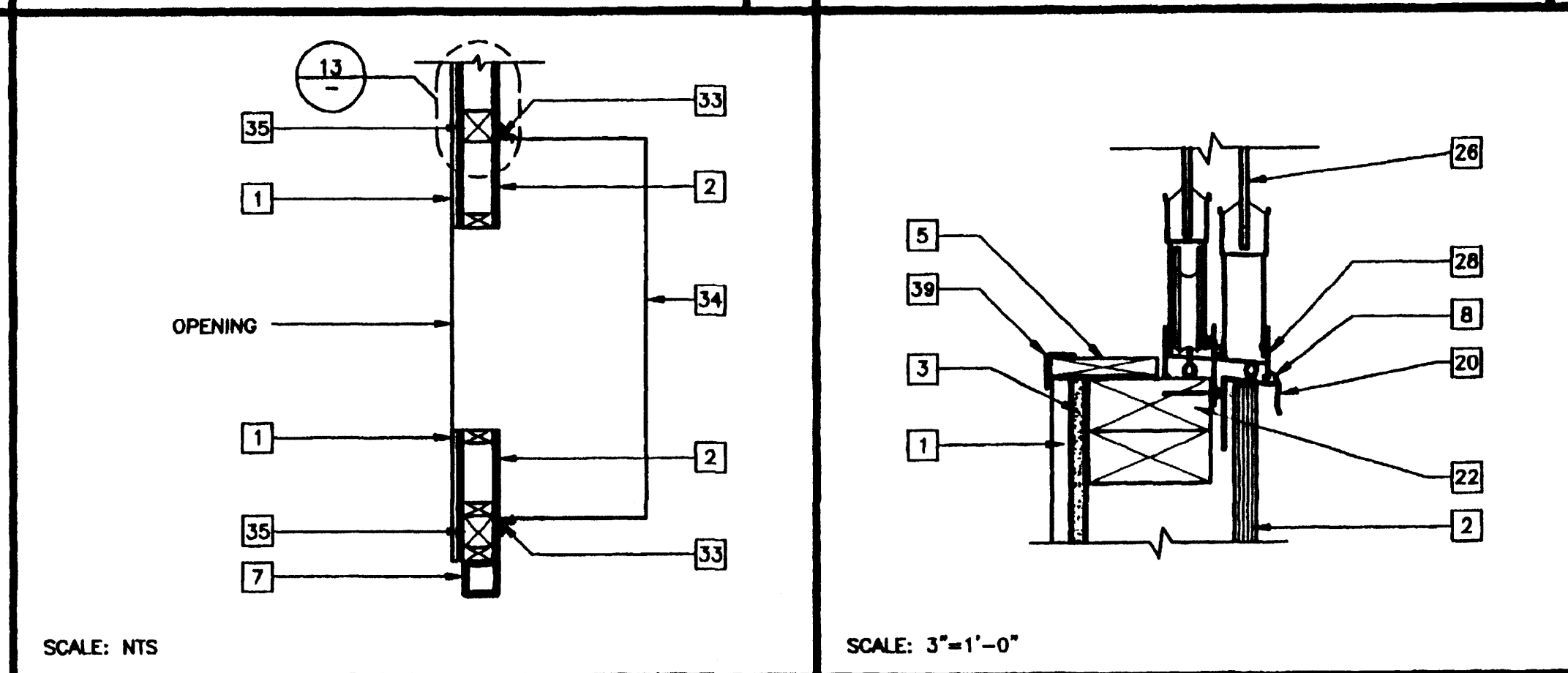
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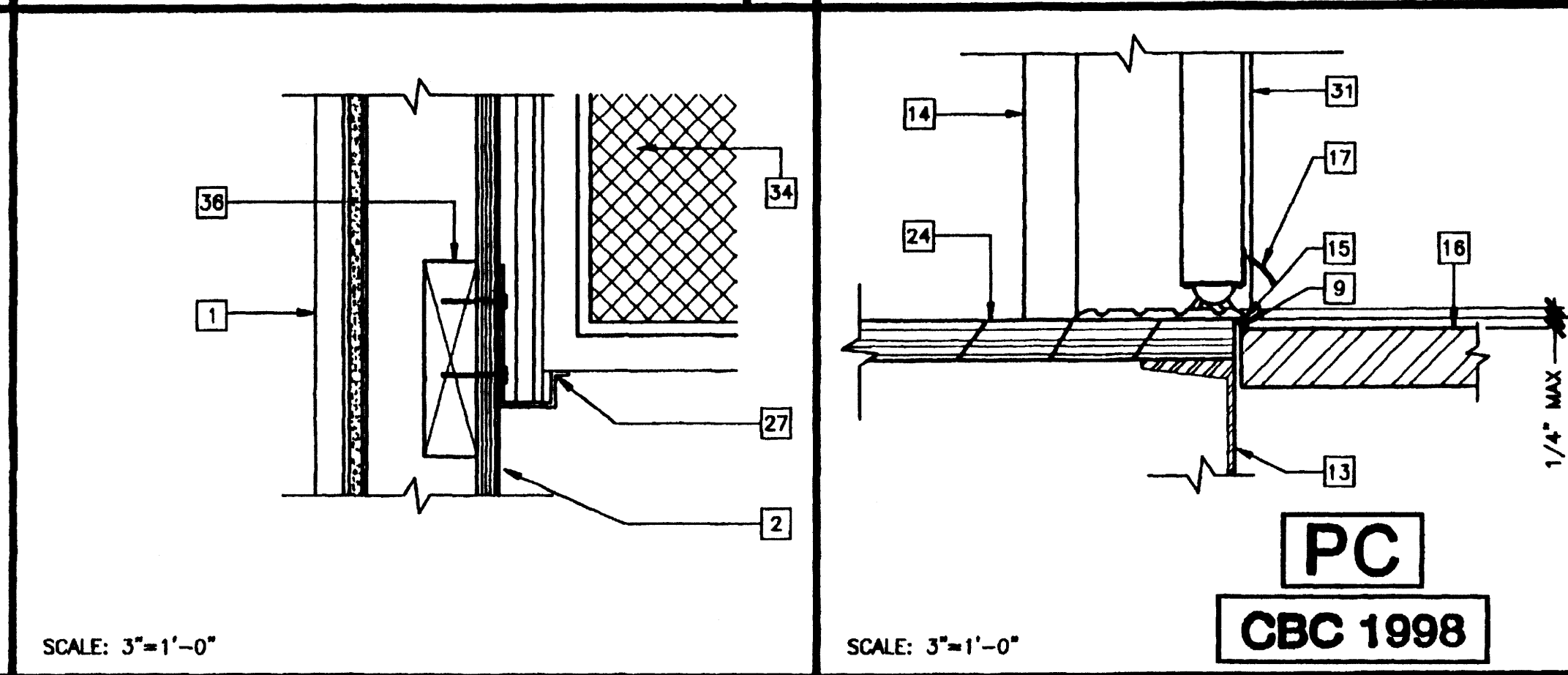
WINDOWS SECTION AT JAMBS 9



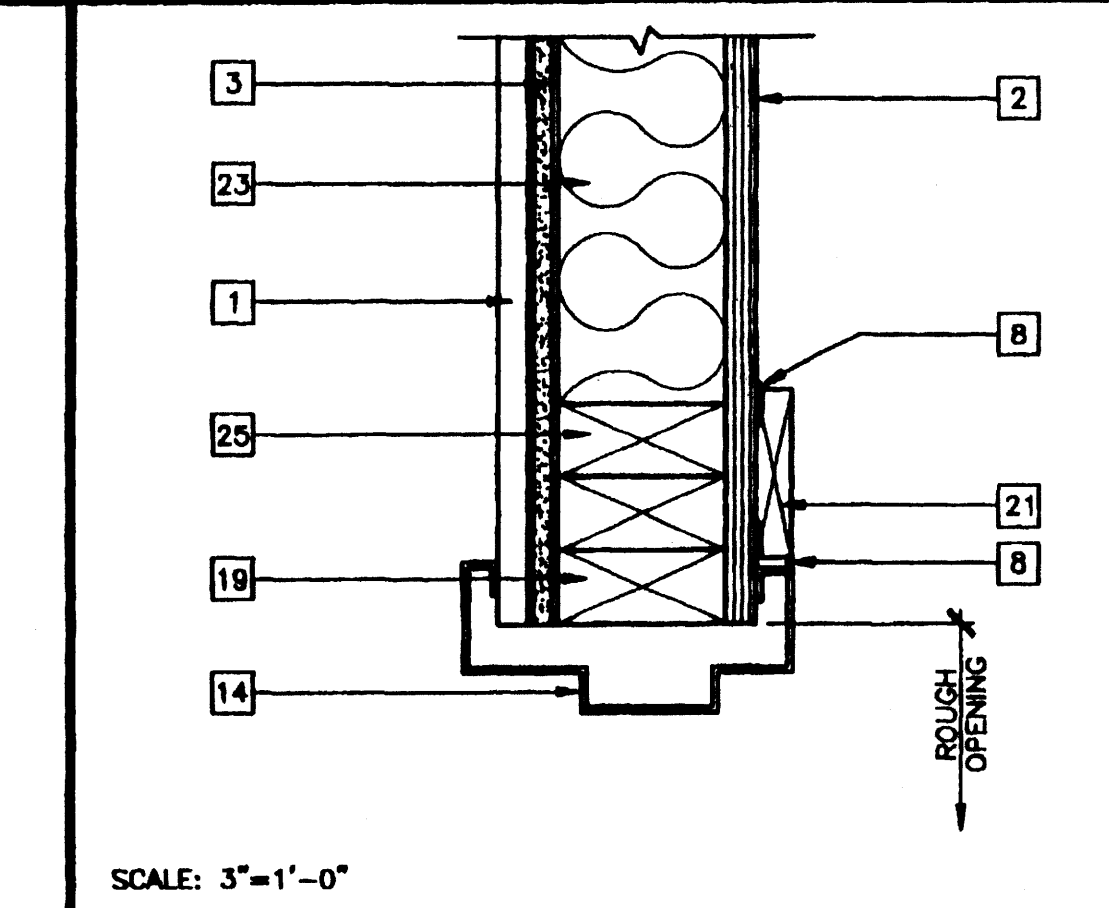
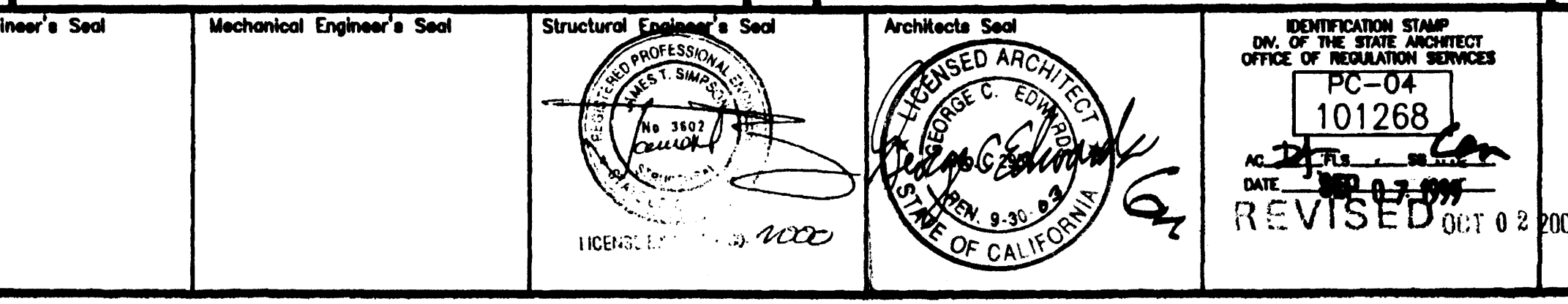
HVAC MOUNT AT JAMBS 13



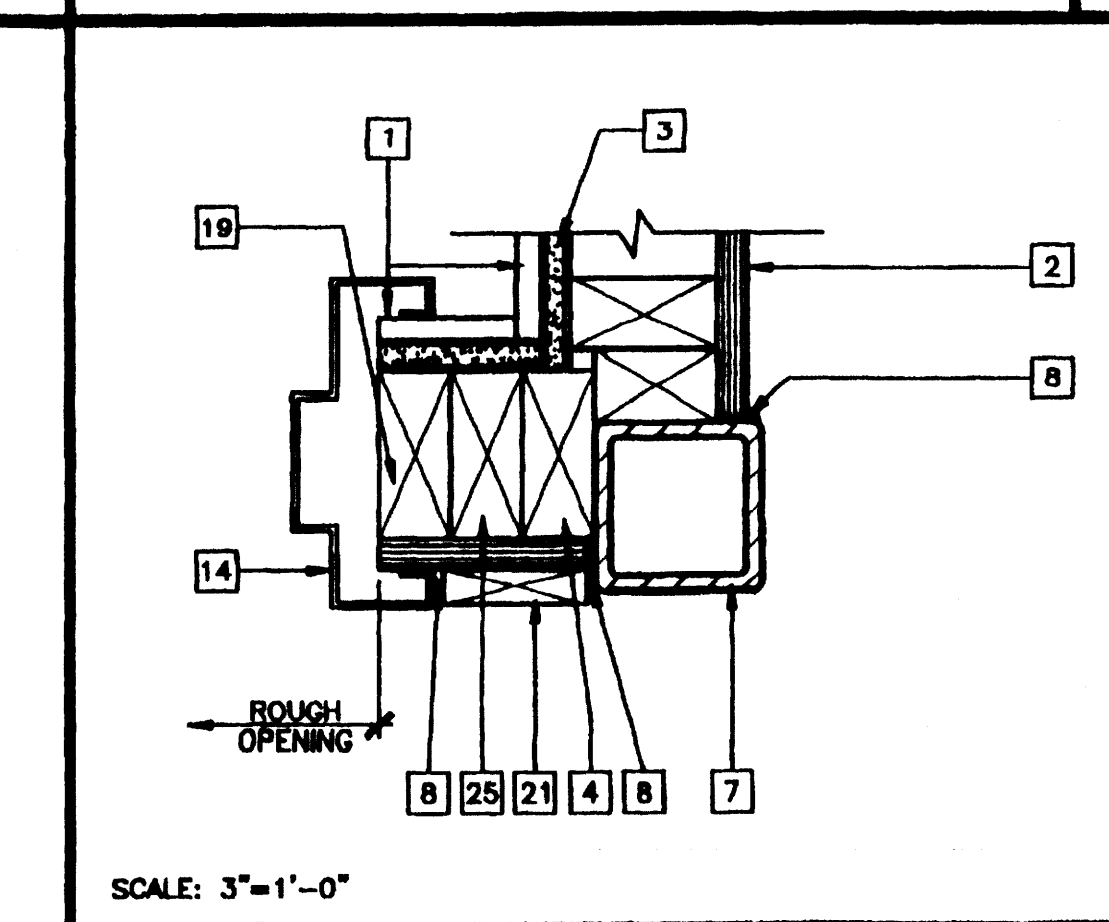
HVAC UNIT (PLAN) 14



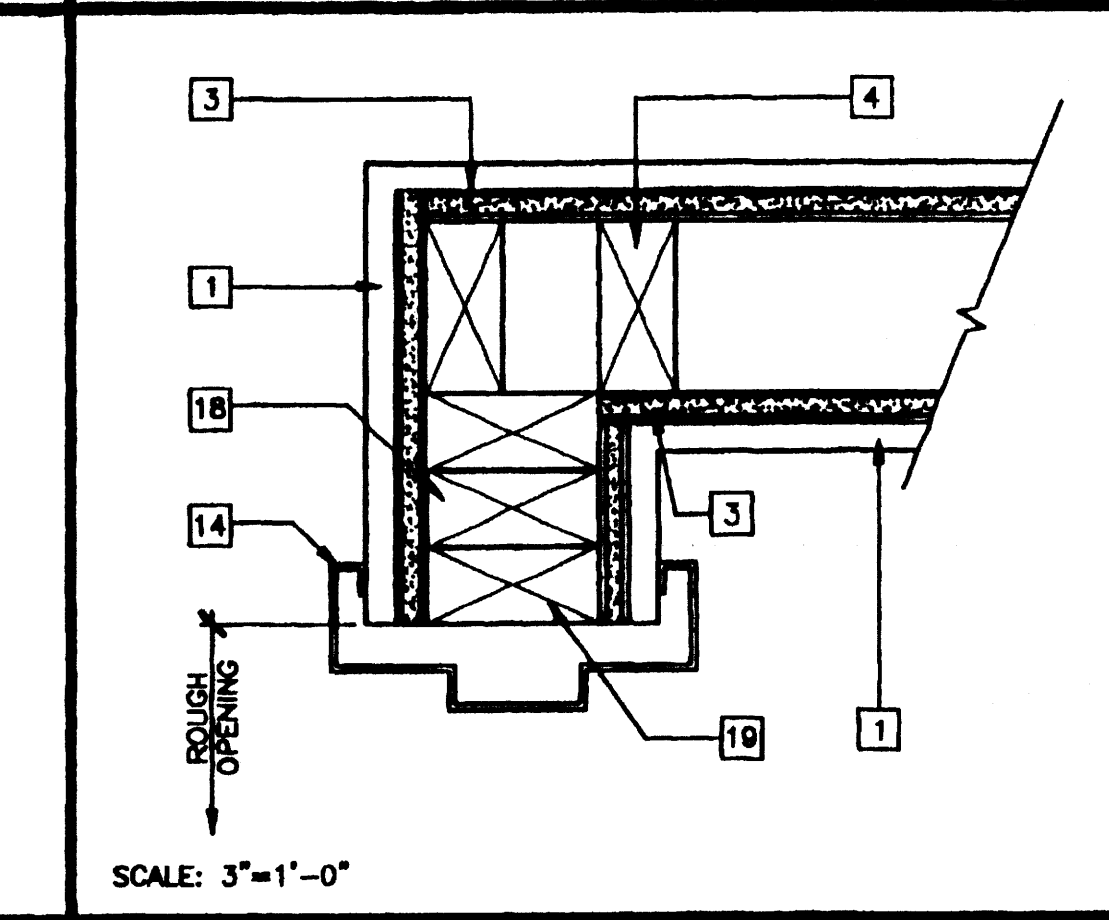
HVAC UNIT AT BOTTOM 15



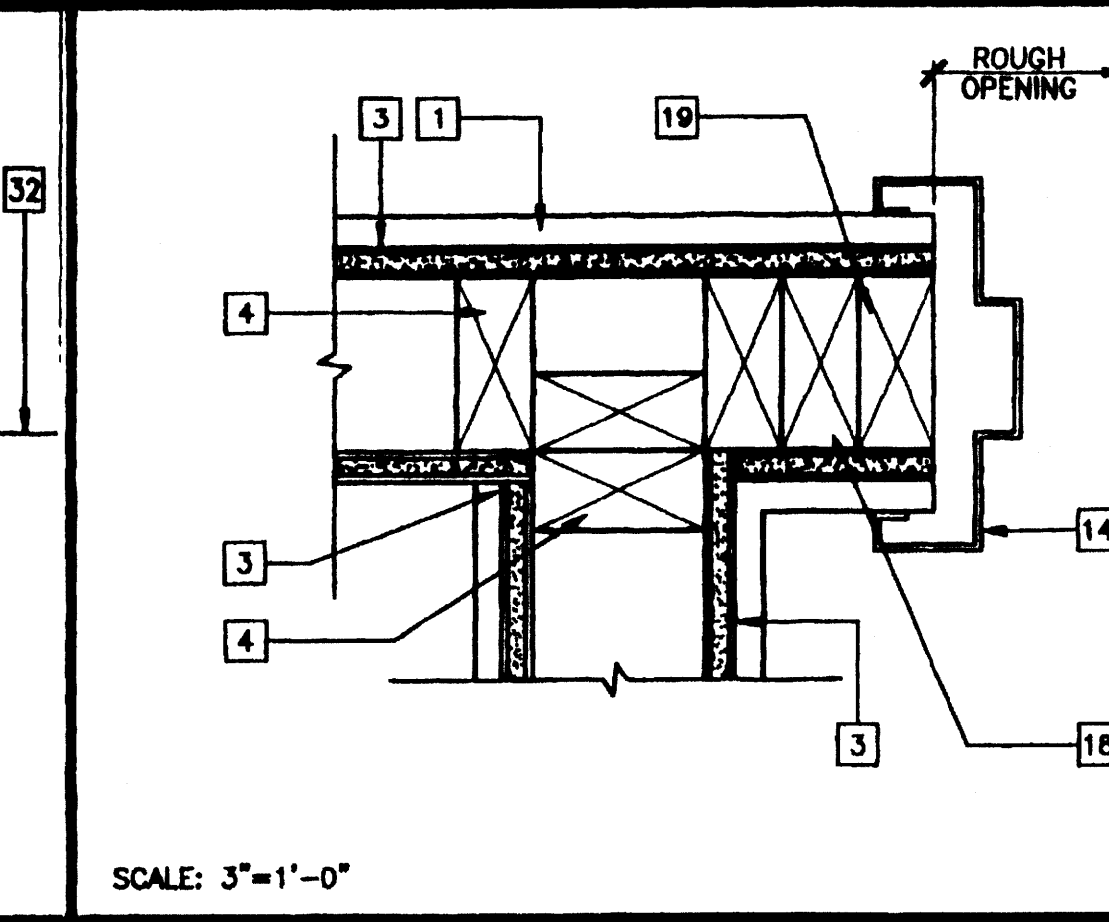
EXTERIOR DOOR JAMB 5



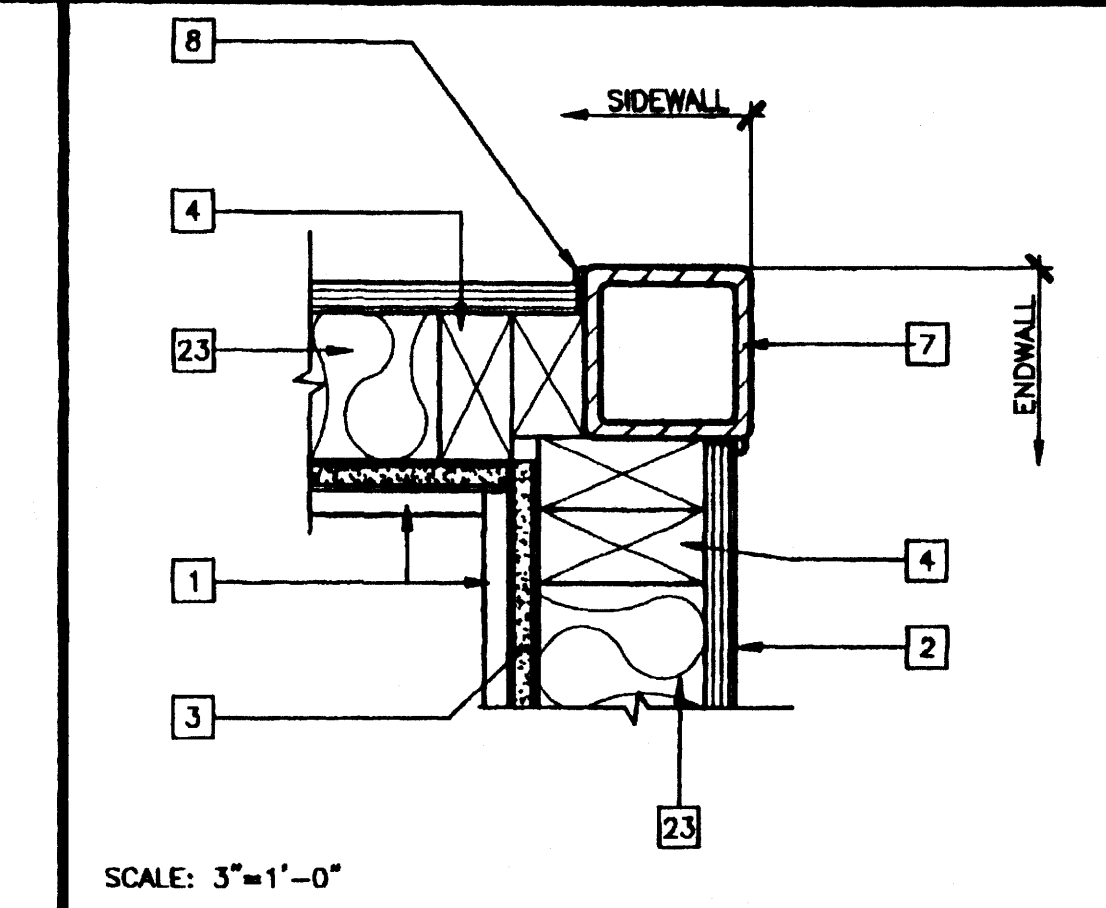
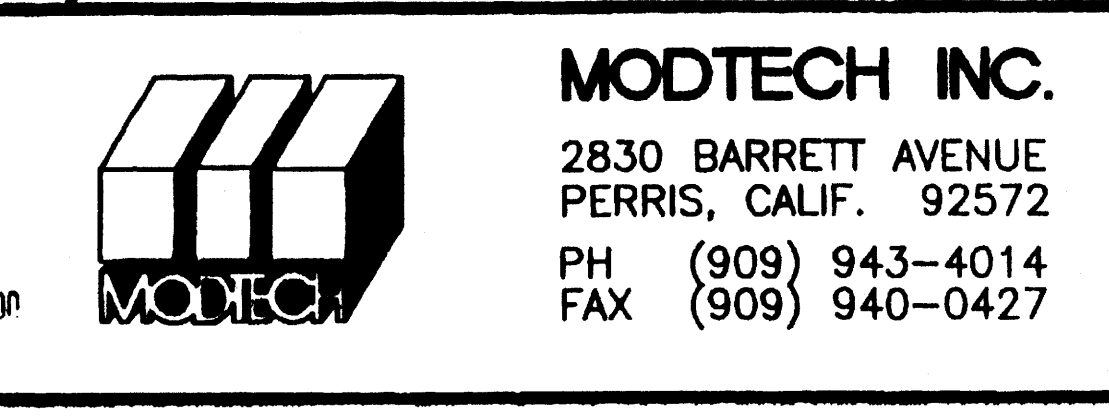
EXTERIOR DOOR JAMB 10



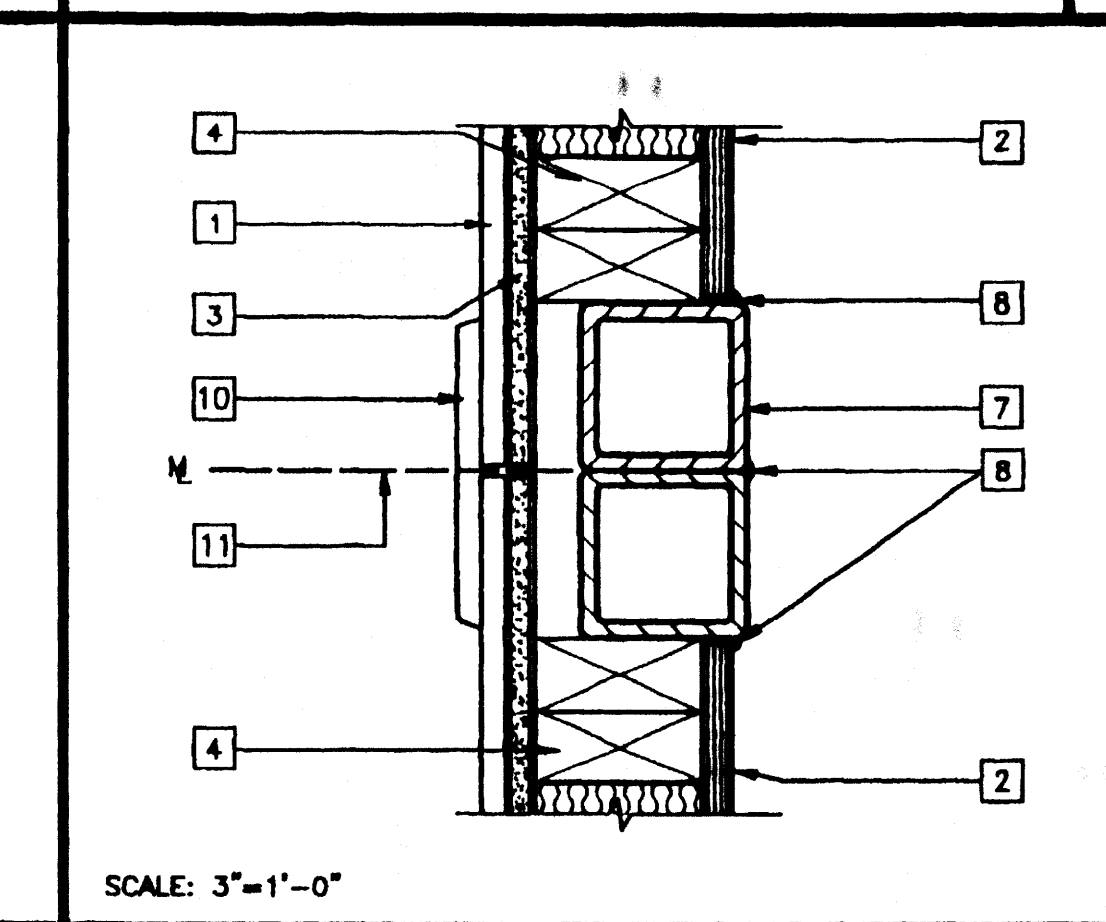
INTERIOR DOOR JAMBS 7



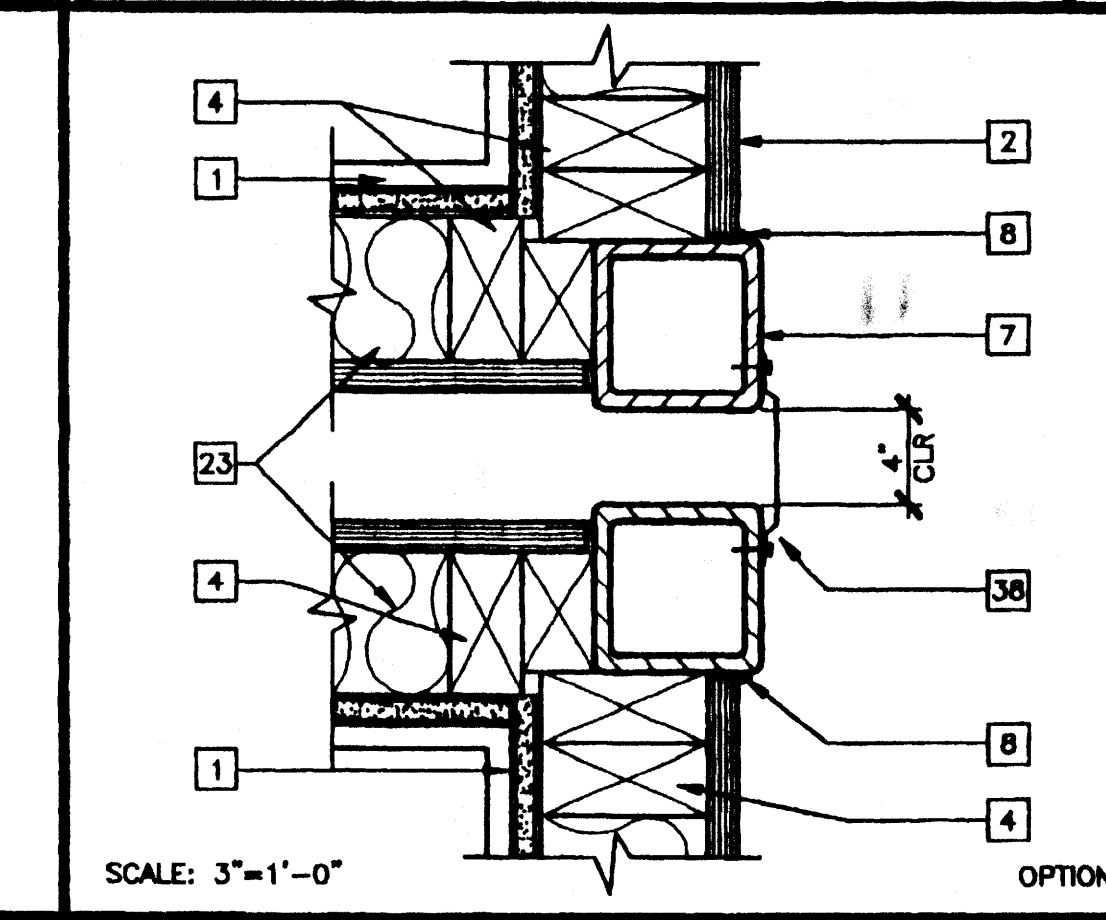
INTERIOR DOOR JAMBS 12



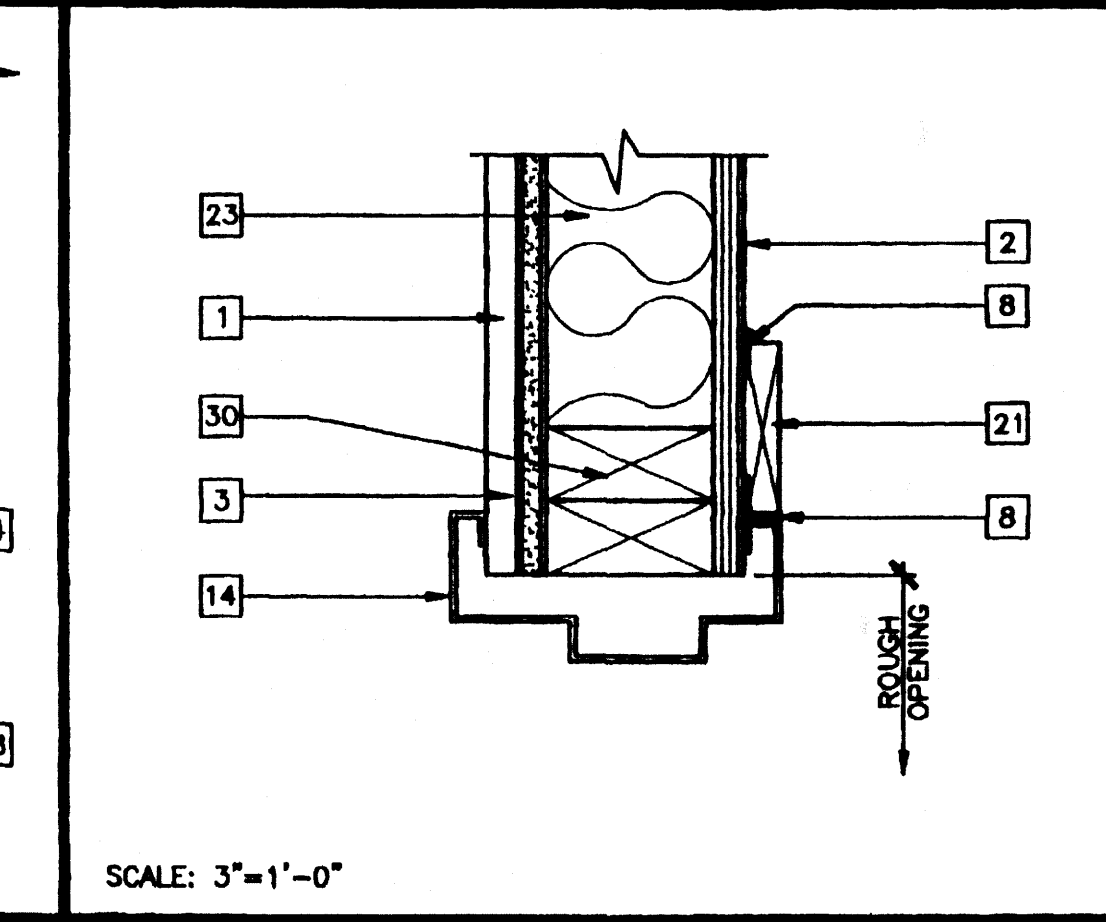
COLUMN AT MODLINE 6



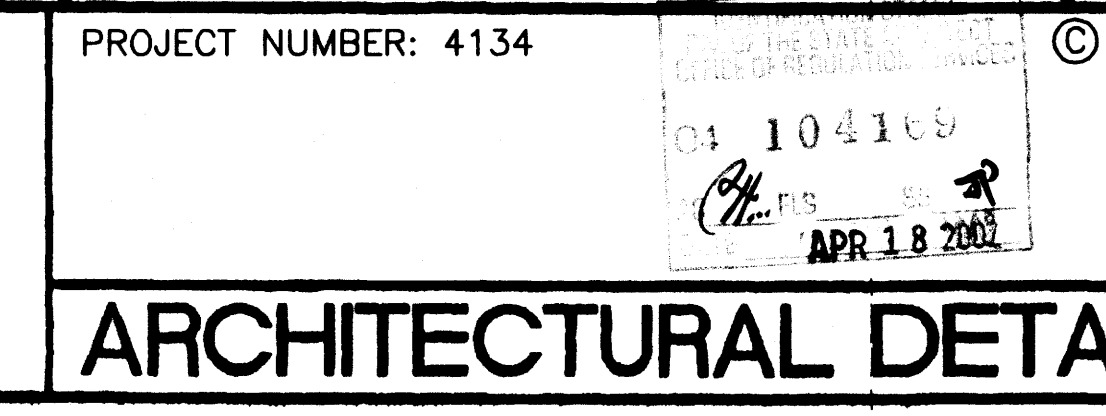
COLUMN AT MODLINE 2



CLOSURE BETWEEN BUILDINGS 3



EXTERIOR DOOR HEADER 4



KEY NOTES

- TYPICAL INTERIOR FINISH (FIN) - 1/A5.01
- TYPICAL EXTERIOR FINISH (SEE EXTERIOR ELEVATIONS)
- 1/2" GYPSUM BOARD BACKING WITH 7d COOLER NAILS AT MAX 7" OC TYPICAL AT EACH STUD
- 2"x4" STUD TYPICAL
- INTERIOR WOOD TRIM.
- DRIP FLASH 28 GA
- TUBE STEEL COLUMN (STR)
- SEALANT TYPICAL (SEE SPECS.)
- CAULKING
- CLOSURE
- MODULE JOINT
- 5/8" TYPE X GYPSUM BOARD
- FLOOR BEAM (STR)
- PRESSED STEEL FRAME - 8/A5.01
- ALUMINUM THRESHOLD - 1/4" WITH 2:1 BEVEL - 8/A5.01
- FINISH LANDING
- DOOR BOTTOM - 8/A5.01
- (2) 2"x4" KING STUD - 13/S4.02
- 2"x4" TRIMMER STUD - 13/S4.02
- 1" MOLD 26 GA
- 1"x4" WOOD TRIM WITH 8d ELECTRO GALVANIZED AT 12" OC
- SILL PLATE - 13/S4.02
- INSULATION (SEE SPECS. FOR SIZE AND TYPE)
- FINISH FLOORING - 1/A5.01
- 2"x4" FULL HEIGHT JAMB STUDS - 13/S4.02
- WINDOW GLAZING - 3/A5.01
- HVAC UNIT BOTTOM SEAT 12 GA#24" LONG WITH (6) 3/8" DIA#2" LAG BOLTS
- ALUMINUM NAIL ON WINDOW FRAME. INSTALL WITH 8d BOX ELECTRO GALVANIZED NAILS AT 24" OC MAXIMUM WITH MINIMUM 3" BUILDING PAPER BETWEEN FRAME AND WALL.
- #14 x2" SMS INTO PURLIN (TYP 4 PLACES)
- HEADER - 13/S4.02
- DOOR - 6/A5.01
- FINISHED FLOOR LINE
- HVAC SIDE BRACKET (FURNISHED WITH UNIT) ATTACH TO WALL WITH 3/4"x2" LAG SCREWS
- HVAC UNIT (HV)
- 4"x4" POST OR ALTERNATE - (2) 2"x4" FULL HEIGHT STUDS WITH 1/2" PLYWOOD SPACER STITCH NAILED WITH 16d AT 12" OC STAGGERED
- 2"x8" LET-IN - S4.01
- 18 GA GALVANIZED IRON HAT
- CLOSURE SCREEN
- CORNER MOLDING
- 18 GA x2" WIDE ANGLE WITH 2-#10 SMS EACH LEG
- 18 GA x2" WIDE 5 1/2" DEEP 5' LONG RUNNER
- 3/4" PLYWOOD SHEATHING
- 14 GA x2" ROOF PURLIN AT 48" OC
- #14 x2" SMS THRU ROOF CURBS INTO PURLIN (TYP 4 PLACES)
- #8x3/4" SMS AT 5" OC MIN
- ROOF PURLIN
- 24 GA ROOF CURB SECURE TO ROOF
- 18 GA x2" W/ANGLES SECURE TO A/C UNIT W/2 #10 SMS SECURE TO UNIT W/1 #14 SMS (TYP 2 PLACES)
- #10 x3/4" SMS (TYP 4 PLACES)

STKP-62

PROJECT NO. 4134

PC-04-101268

REVISIONS	SP	MODTECH ENGINEERING CHANGE	09/28/00
1			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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ARCHITECTURAL DETAILS WOOD STUDS

A6.01

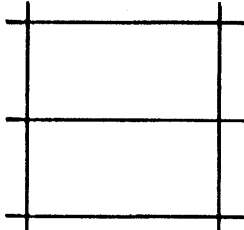
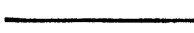
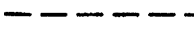
KEY NOTES

- 1 MAIN RUNNERS AT 4'-0" OC WITH 12 GA HANGER WIRES AT END OF EACH RUNNER
- 2 CROSS TEE AT 2'-0" OC
- 3
- | T-BAR PART NUMBERS | | | |
|--------------------|---------------------|-----------------------------|-------------|
| | ARMSTRONG
PA-041 | CHICAGO
METALLIC
R-47 | USG
R-47 |
| RUNNER
MAIN | 7301 | 200 | DS 26 |
| 4' CROSS
TEE | 7342 | 1210 | DX 422 |
| 2' CROSS
TEE | 7328 | 1226 | DX 216 |
| WALL
ANGLE | 7800 | 1420-01 | M-7 |
- 4 LIGHT FIXTURE, RECESSED, 2'x4' TYPICAL - 11/A7.11
- 5 4 WAY SPLAY AT LOCATIONS INDICATED, WIRES TAUT BUT NOT TO DISTORT GRID - 1/A7.11
- 6 HVAC SUPPLY REGISTER, 2'x2' TYPICAL - 12/A7.11
- 7 CEILING PANELS: 2'x4' LAY-IN PANELS, ASTM FLAME SPREAD CLASS 1 (0-25), SMOKE DEVELOPMENT DENSITY LESS THAN 450 TYPICAL

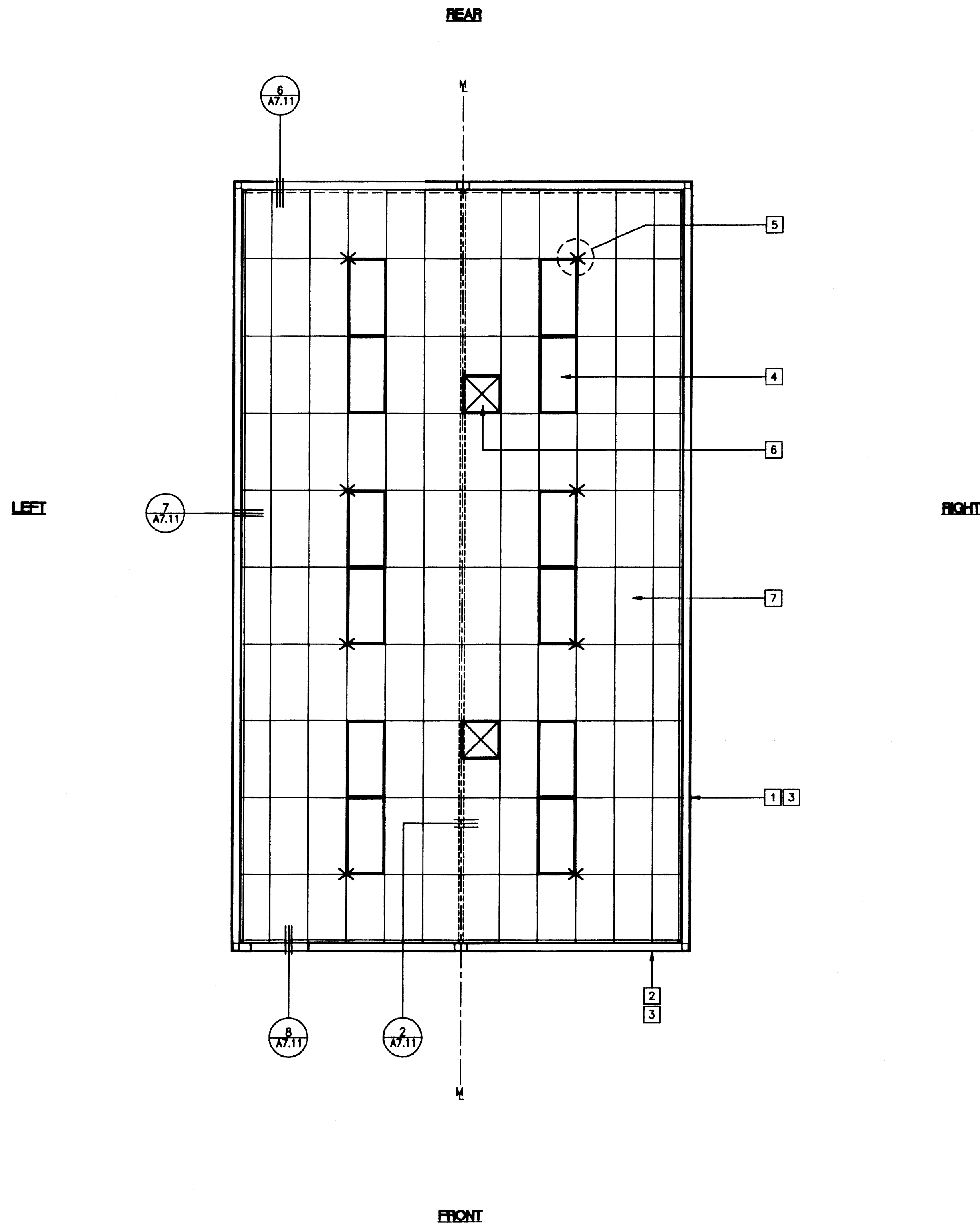
NOTES

1. AT THE END OF ROWS OF RUNNERS A 12 GA HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT.
2. VERTICAL WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTER BRACING WIRES.
3. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT (2) ADJACENT WALLS - OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL
4. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES.

LEGEND

-  T & T BAR CEILING
-  2'X 4' ELEC. FIXTURE RECESSED
-  SUPPLY AIR DIFFUSER
-  SPLAY WIRE
-  INDICATES FIXED SIDE 7/A7.11
-  INDICATES FREE SIDE 6/A7.11

STKP-62



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

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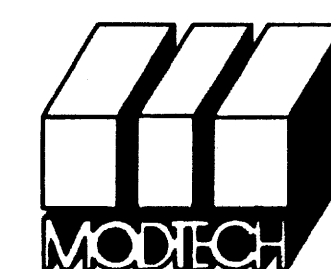
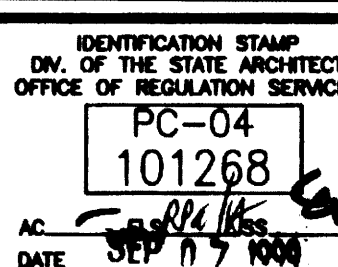
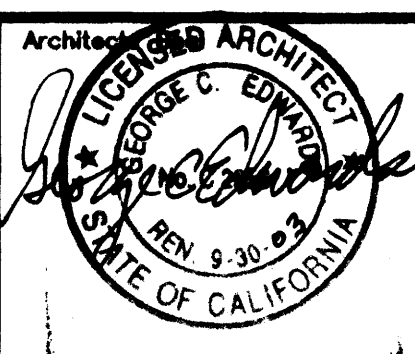
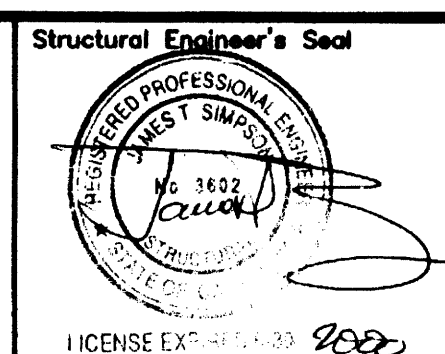
REVISIONS			
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Structural Engineer's Seal

Architect



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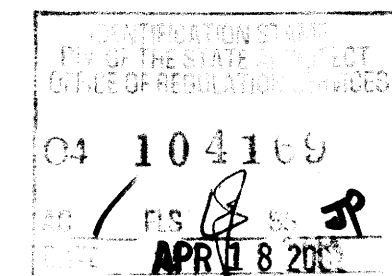
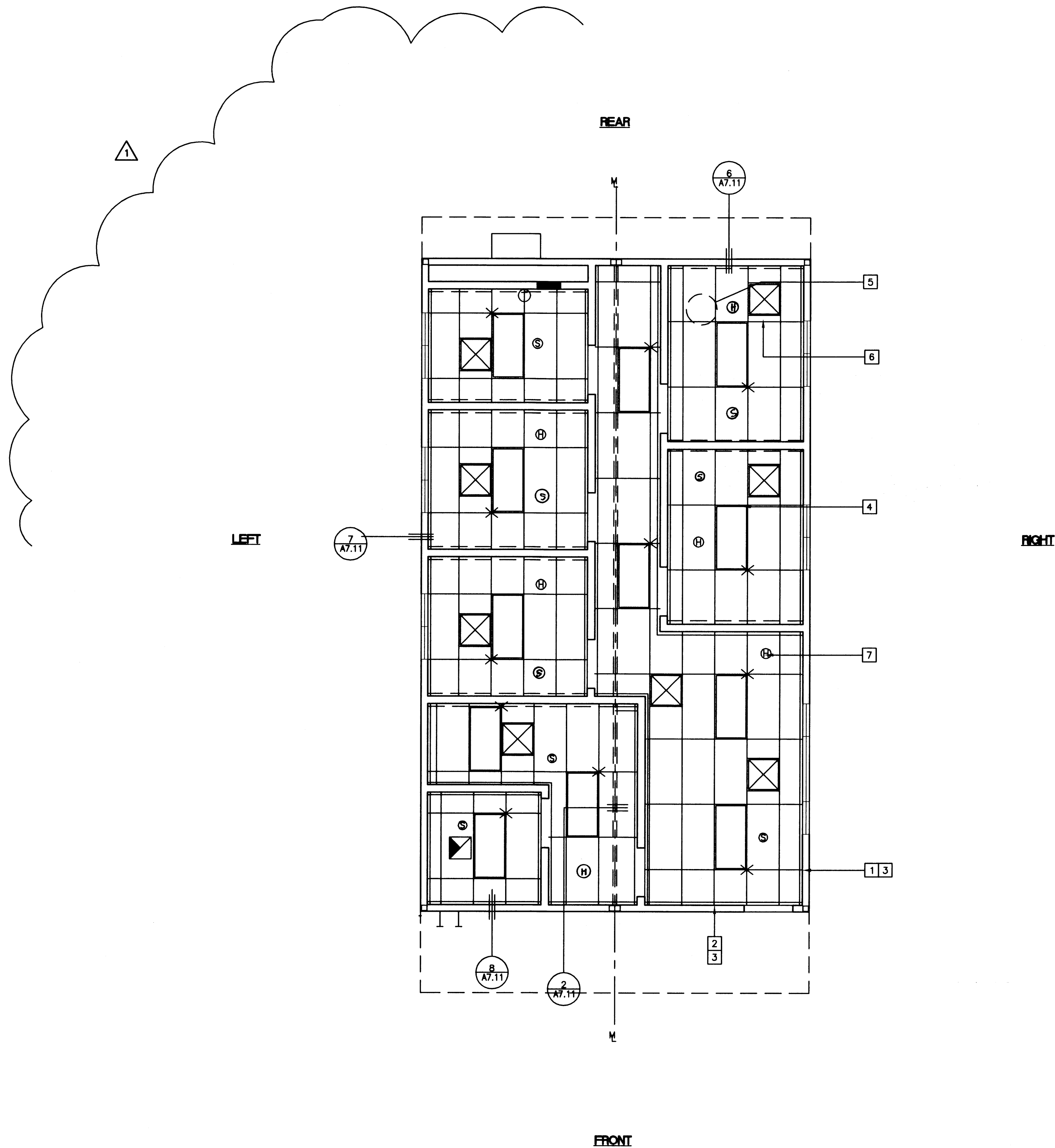
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REFLECTED CEILING PLAN 24'x40'

A7.01A



REFLECTED CEILING PLAN (24'x40')
SCALE: 1/4" = 1'-0"

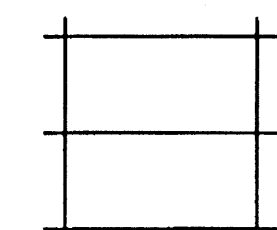
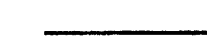
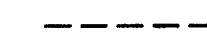
KEY NOTES

- 1 MAIN RUNNERS AT 4'-0" OC WITH 12 GA HANGER WIRES AT END OF EACH RUNNER
 - 2 CROSS TEE AT 2'-0" OC
- | T-BAR PART NUMBERS | | | |
|--------------------|---------------------|-----------------------------|--------------|
| | ARMSTRONG
PA-041 | CHICAGO
METALLIC
R-47 | USG
IR-47 |
| RUNNER
MAIN | 7301 | 200 | DS 26 |
| 4' CROSS
TEE | 7342 | 1210 | DX 422 |
| 2' CROSS
TEE | 7328 | 1226 | DX 216 |
| WALL
ANGLE | 7800 | 1420-01 | M-7 |
- 4 LIGHT FIXTURE, RECESSED, 2'x4' TYPICAL - 11/A7.11
 - 5 4 WAY SPLAY AT LOCATIONS INDICATED, WIRES TAUT BUT NOT TO DISTORT GRID - 1/A7.11
 - 6 HVAC SUPPLY REGISTER, 2'x2' TYPICAL - 12/A7.11
 - 7 CEILING PANELS: 2'x4' LAY-IN PANELS, ASTM FLAME SPREAD CLASS 1 (0-25), SMOKE DEVELOPMENT DENSITY LESS THAN 450 TYPICAL

NOTES

1. AT THE END OF ROWS OF RUNNERS A 12 GA HANGER WIRE SHALL BE ATTACHED WITHIN 8" OF WALL OR SOFFIT.
2. VERTICAL WIRES MORE THAN 1-IN-6 OUT OF PLUMB SHALL HAVE COUNTER BRACING WIRES.
3. RUNNERS MAY BE ATTACHED TO WALLS OR MOLD AT (2) ADJACENT WALLS - OTHER WALLS NO ATTACHMENT. CLEARANCE OF 1/2" BETWEEN END OF RUNNERS AND FACE OF WALL.
4. DUCTWORK SHALL BE RIGIDLY ATTACHED TO BUILDING AND SHALL NOT BE CLOSER THAN 6" TO HANGER WIRES.

LEGEND

-  T & T BAR CEILING
-  2'X 4' ELEC. FIXTURE RECESSED
-  SUPPLY AIR DIFFUSER
-  SPLAY WIRE
-  INDICATES FIXED SIDE 7/A7.11
-  INDICATES FREE SIDE 6/A7.11

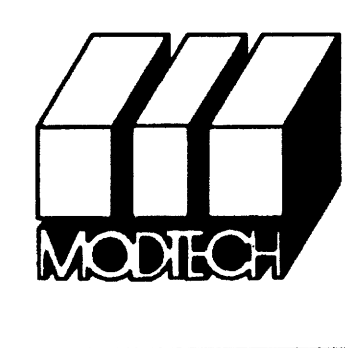
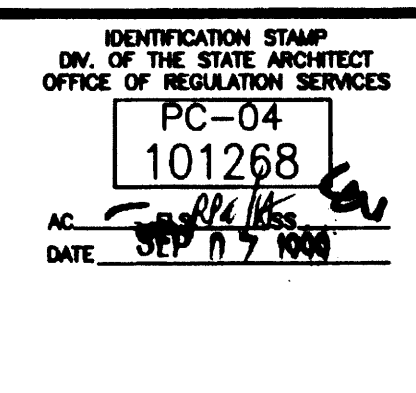
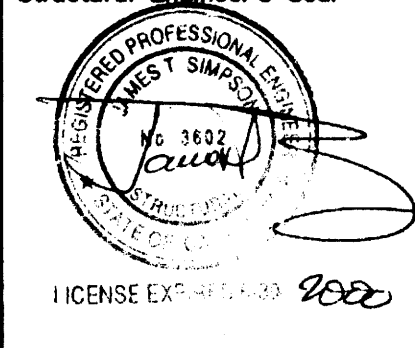
REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect



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

PROJECT NUMBER: 4134

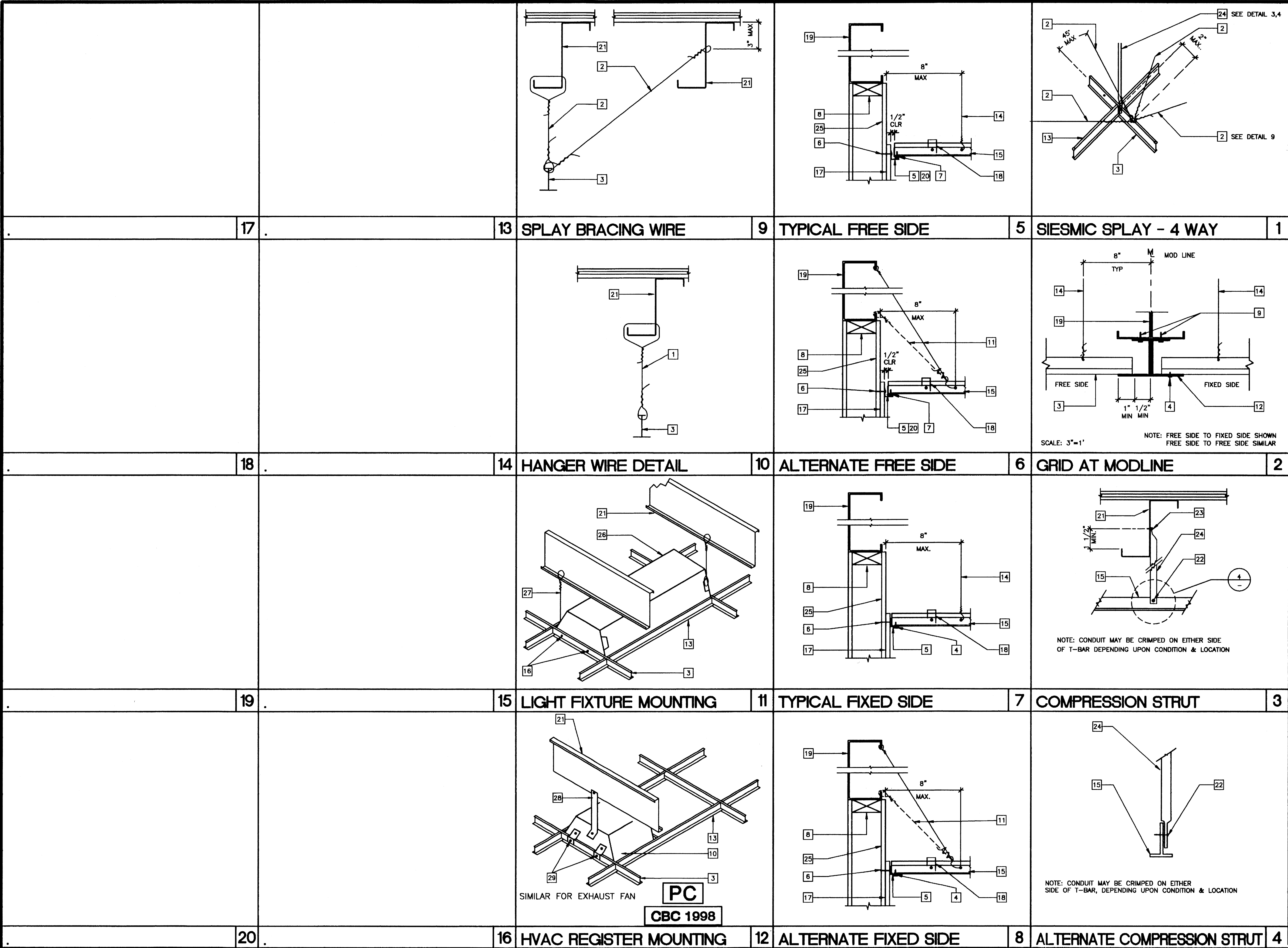
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DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02

REFLECTED CEILING PLAN

24'x40'

A7.01B



- KEY NOTES**
- 1 HANGER WIRE AT 4'-0" OC IN PUNCHED OR DRILLED HOLE
 - 2 SPLAY BRACE WIRE TO RUN IN SAME PLANE AS RUNNERS AT MAX 45° FROM CEILING PLANE - SEE NOTE ONE BELOW
 - 3 MAIN RUNNER
 - 4 1/8" DIA POP RIVET TO EACH T-BAR
 - 5 WALL ANGLE
 - 6 6d NAIL AT 16" OC AT WALL STUDS (WOOD STUDS) #8 STMS AT 16" OC AT WALL STUDS (STEEL STUDS)
 - 7 ANGLE WITH 1/8" DIA POP RIVET TO EACH T-BAR, NO CONNECTION TO WALL ANGLE
 - 8 TOP PLATE
 - 9 #10 STMS AT 4' OC
 - 10 HVAC REGISTER, 2'x2' TYPICAL
 - 11 HANGER TO TOP LIP OF ROOF BEAM WHERE NO PURLIN ABOVE MAX SLOPE 1" IN 6", ALTERNATE: CONNECT TO BOTTOM LIP (DASHED) WHERE THERE IS INTERFERENCE WITH DUCTWORK
 - 12 26 GA CEILING MOUNT X 2"
 - 13 CROSS TEE
 - 14 HANGER WIRE AT THE END ON EACH RUNNER TO PURLIN MAX DISTANCE FROM WALL 8" OR 1/4 LENGTH OF END TEE RUNNER, WHICHEVER IS LESS, SEE 10/A7.11
 - 15 MAIN RUNNERS OR CROSS TEES
 - 16 #8 STMS, (2) AT EACH END
 - 17 FINISH WALL
 - 18 HORIZONTAL STRUTS SHALL RUN CONTINUOUS AT ALL PERIMETERS, NOT POP RIVETED TO THE WALL ANGLE ARMSTRONG #7425 OR #7445 WITH SPRING STEEL SNAP TO RUNNER PER IR 47-4
 - 19 ROOF BEAM
 - 20 NO POP RIVETS
 - 21 ROOF PURLIN
 - 22 CRIMP CONDUIT AND ATTACH TO T-BAR GRID WITH (1) #8 TEKSCREW
 - 23 CRIMP CONDUIT AND ATTACH TO PURLIN WITH (1) #8 TEKSCREW
 - 24 3/4" EMT CONDUIT
 - 25 EXTEND GYP BOARD TO TOP PLATE FOR FIRE BLOCK
 - 26 RECESSED LIGHT FIXTURE
 - 27 SLACK WIRES, TOTAL OF (2) LOCATED AT OPPOSITE CORNERS OF FIXTURE OR REGISTER
 - 28 (2) 26 GA STRAPS, FASTEN WITH #8 STMS (1) TO REGISTER AND (1) TO ROOF PURLIN OR ROOF BEAM
 - 29 24 GA REGISTER CLIP, FASTEN WITH #8 STMS (1) TO CEILING GRID AND (1) TO REGISTER, (2) CLIPS AT EACH END

NOTES

1. ALL HANGER, SPLAY BRACE & SLACK WIRES SHALL BE 12 GA WITH MIN 4 TIGHT TURNS WITHIN 1 1/2" MAX OF EACH END

REVISIONS

NO.	DESCRIPTION	DATE
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4		
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

IDENTIFICATION STAMP
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PC-04
101268
DATE: SEP 07 1999

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

PROJECT NUMBER: 4134

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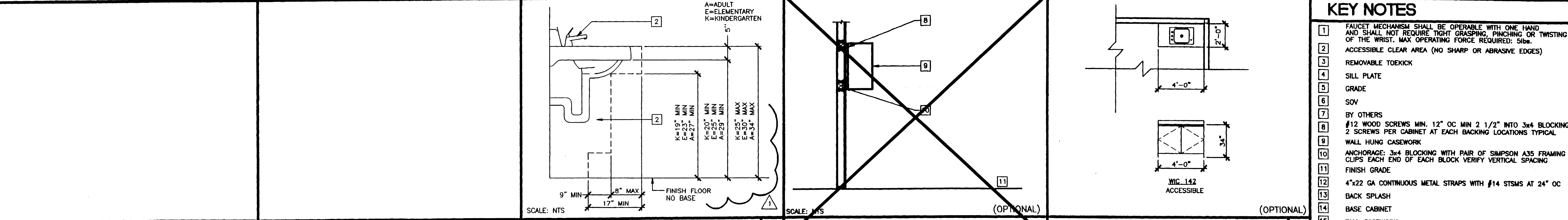
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.

A7.11

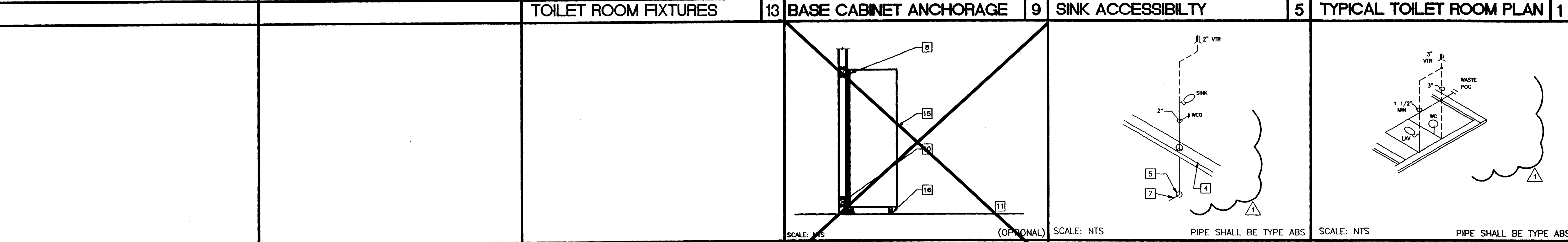
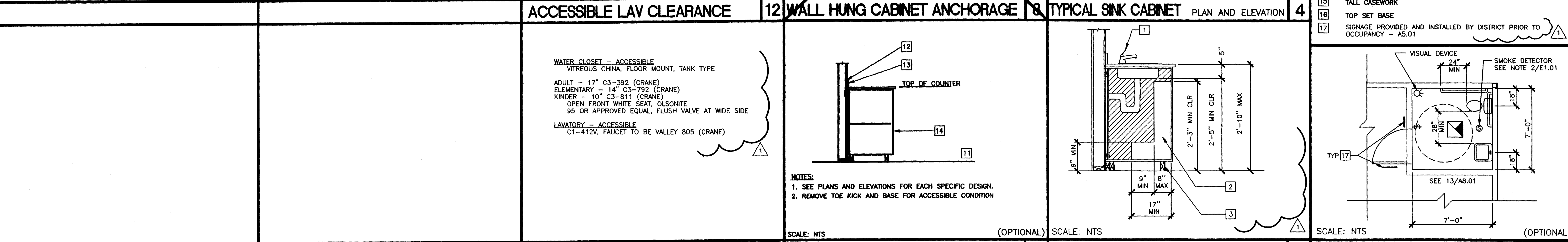
STKP-62

REFLECTED CEILING DETAILS

FILE PATH: 2440-4134.DWG PROJECT NO. 4134 PC-04-101268



- KEY NOTES**
- 1 FAUCET MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. MAX OPERATING FORCE REQUIRED: 5lbs.
 - 2 ACCESSIBLE CLEAR AREA (NO SHARP OR ABRASIVE EDGES)
 - 3 REMOVABLE TOEKICK
 - 4 SILL PLATE
 - 5 GRADE
 - 6 SOV
 - 7 BY OTHERS
 - 8 #12 WOOD SCREWS MIN. 12" OC MIN 2 1/2" INTO 3x4 BLOCKING 2 SCREWS PER CABINET AT EACH BACKING LOCATIONS TYPICAL
 - 9 WALL HUNG CASEWORK
 - 10 ANCHORAGE: 3x4 BLOCKING WITH PAIR OF SIMPSON A35 FRAMING CLIPS EACH END OF EACH BLOCK VERIFY VERTICAL SPACING
 - 11 FINISH GRADE
 - 12 4"x22 GA CONTINUOUS METAL STRAPS WITH #14 STMS AT 24" OC
 - 13 BACK SPLASH
 - 14 BASE CABINET
 - 15 TALL CASEWORK
 - 16 TOP SET BASE
 - 17 SIGNAGE PROVIDED AND INSTALLED BY DISTRICT PRIOR TO OCCUPANCY - A5.01



				TALL CABINET ANCHORAGE		SINK CABINET WASTE		6 TOILET ROOM WASTE		2																																																																	
		RECESSED OR SEMI RECESSED		<table><tr><td></td><td>A</td><td>E</td><td>K</td></tr><tr><td>TOILET CENTER FROM WALL</td><td>18"</td><td>15"</td><td>12"</td></tr><tr><td>TOILET SEAT HEIGHT</td><td>17"-19"</td><td>15"</td><td>10"-12"</td></tr><tr><td>GRAB BAR HEIGHT (SIDE)</td><td>33"</td><td>27"</td><td>20"-22"</td></tr><tr><td>TOILET PAPER IN FRONT OF TOILET</td><td>12" MAX</td><td>6" MAX*</td><td>6" MAX*</td></tr><tr><td>NAPKIN DISPOSAL IN FRONT OF TOILET</td><td>12" MAX</td><td>12" MAX</td><td>N/A</td></tr><tr><td>DISPENSER OR MIRROR HEIGHT</td><td>40" MAX</td><td>36" MAX</td><td>32" MAX</td></tr><tr><td>LAVATORY/SINK TOP HEIGHT</td><td>34" MAX</td><td>29" MAX</td><td>24" MAX</td></tr><tr><td>LAVATORY/SINK KNEE HEIGHT</td><td>27" MAX</td><td>24" MAX</td><td>19" MAX</td></tr><tr><td>SINK DEPTH</td><td>7" MAX</td><td>5" MAX</td><td>5" MAX</td></tr><tr><td>URINAL LIP HEIGHT</td><td>17" MAX</td><td>15" MAX</td><td>13" MAX</td></tr><tr><td>URINAL FLUSH HANDLE HEIGHT</td><td>44" MAX</td><td>37" MAX</td><td>32" MAX</td></tr><tr><td>DRINKING FOUNTAIN BUBBLER HEIGHT</td><td>36" MAX</td><td>32" MAX</td><td>30" MAX</td></tr><tr><td>DRINKING FOUNTAIN KNEE CLEARANCE</td><td>27" MIN</td><td>24" MIN</td><td>22" MIN</td></tr><tr><td>BUBBLER HEIGHT</td><td>2"</td><td>3"</td><td>6"</td></tr><tr><td>RAMP/STAIR HANDRAIL HEIGHT</td><td>34"-38"</td><td>27"</td><td>22"</td></tr></table>			A	E	K	TOILET CENTER FROM WALL	18"	15"	12"	TOILET SEAT HEIGHT	17"-19"	15"	10"-12"	GRAB BAR HEIGHT (SIDE)	33"	27"	20"-22"	TOILET PAPER IN FRONT OF TOILET	12" MAX	6" MAX*	6" MAX*	NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX	12" MAX	N/A	DISPENSER OR MIRROR HEIGHT	40" MAX	36" MAX	32" MAX	LAVATORY/SINK TOP HEIGHT	34" MAX	29" MAX	24" MAX	LAVATORY/SINK KNEE HEIGHT	27" MAX	24" MAX	19" MAX	SINK DEPTH	7" MAX	5" MAX	5" MAX	URINAL LIP HEIGHT	17" MAX	15" MAX	13" MAX	URINAL FLUSH HANDLE HEIGHT	44" MAX	37" MAX	32" MAX	DRINKING FOUNTAIN BUBBLER HEIGHT	36" MAX	32" MAX	30" MAX	DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN	24" MIN	22" MIN	BUBBLER HEIGHT	2"	3"	6"	RAMP/STAIR HANDRAIL HEIGHT	34"-38"	27"	22"						
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		PC		CBC 1998		SCALE: NTS		SCALE: NTS																																																																			
				NOTE: DIMENSIONS FROM 1998 CBC TABLE 1115B-1		PIPE SHALL BE TYPE 'L' COPPER		PIPE SHALL BE TYPE 'L' COPPER																																																																			

REVISIONS

NO	SP	MODTECH ENGINEERING CHANGE	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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101268
DATE: SEP 07 2000
REVISED 06/02/2000

MODTECH INC.
2830 BARRETT AVENUE
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PROJECT NUMBER: 4134, 4250, 4284
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DRAWN BY: STB-62
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
A8.01

MISCELLANEOUS OPTIONS

ELECTRICAL PANEL SCHEDULE

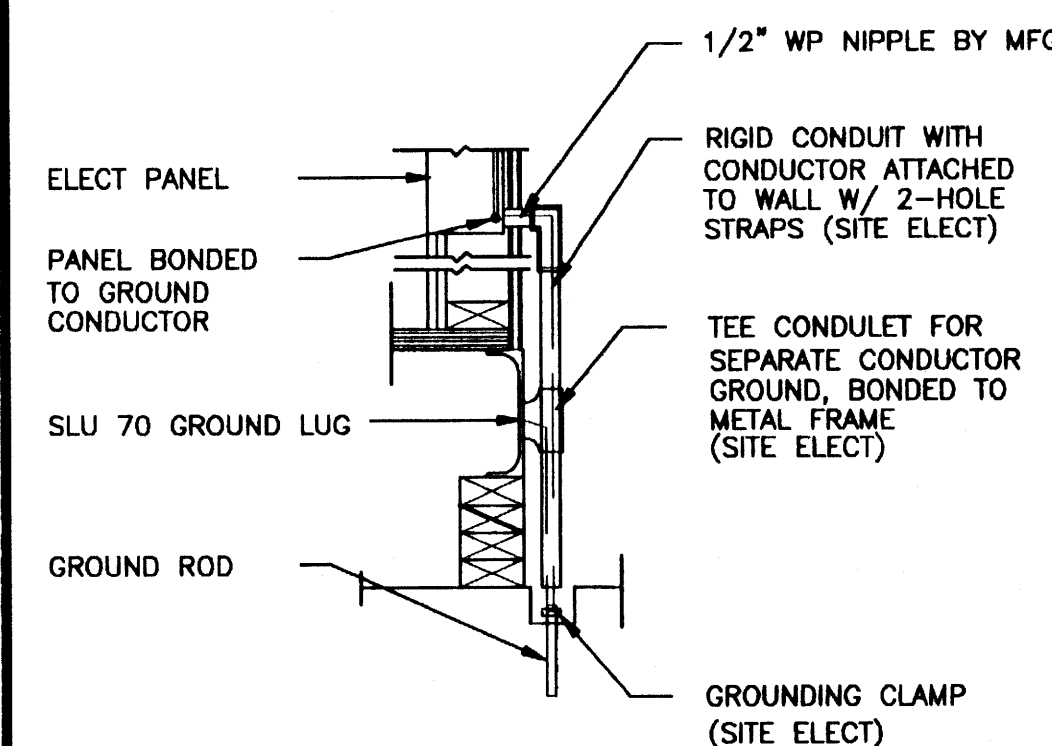
MAIN: 100 AMP 12 POLE		PANEL: A		FEED: REAR	
		LOCATION: REAR/INTERIOR		MOUNTING: FLUSH	
LOAD	WATTS		BREAKER		LOAD
	A#	B#	Amps	P	
RECEPTACLE	720		20	1	HVAC (3 1/2T)
RECEPTACLE/CLOCK		720	20	1	HVAC (3 1/2T)
				3	HEAT STRIPS (5KW)
				5	HEAT STRIPS (5KW)
INT/EXT LIGHTS	900		20	1	
INT. LIGHTS		840	20	1	FIRE ALARM (DEDICATED)
WATTS/PHASE	A = 7480	1620	1560		B = 7460
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 6' COPPER/ALUM. 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.

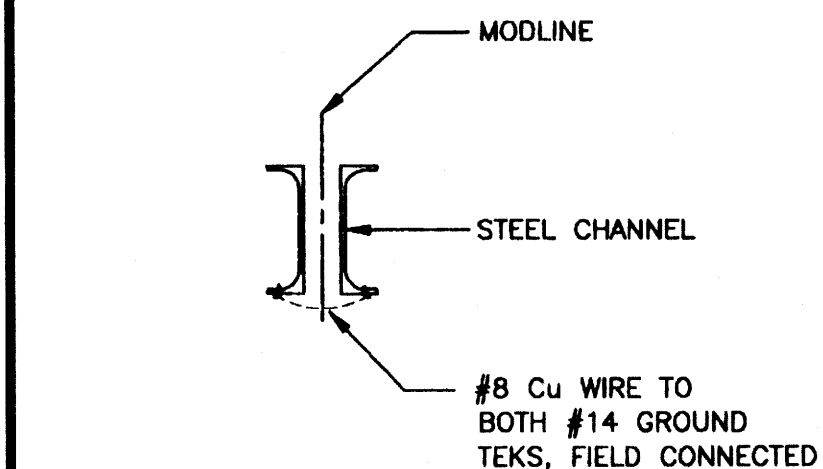
ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE AT +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, TO 3/4" CO TO OR . 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) *



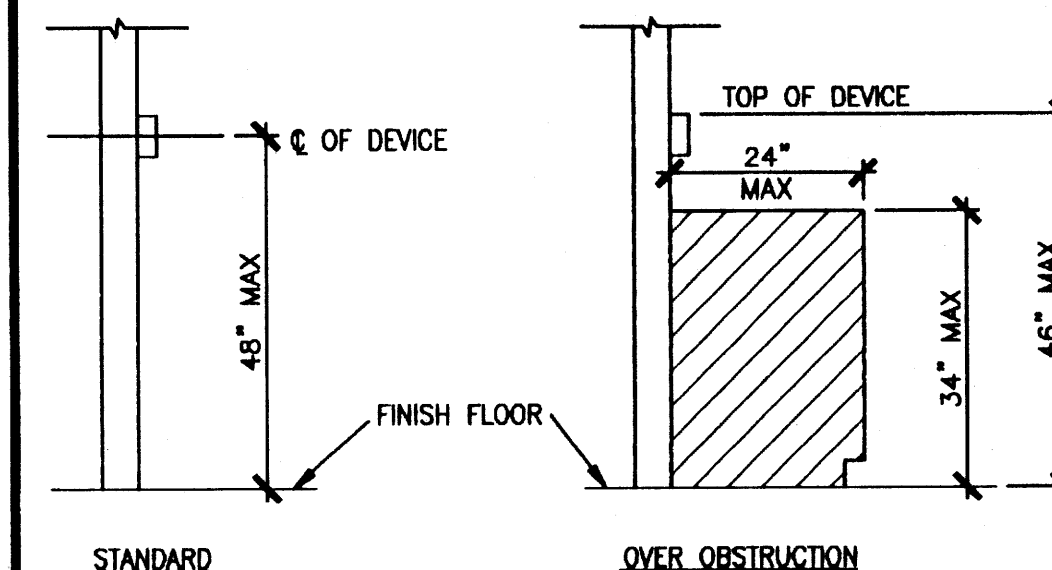
TYP GROUNDING DETAIL

1



GROUND JUMPER AT MOD LINE

2



DEVICE MOUNTING

3

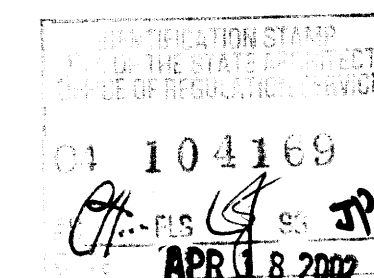
NOTES

- 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.

- * 2. 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	
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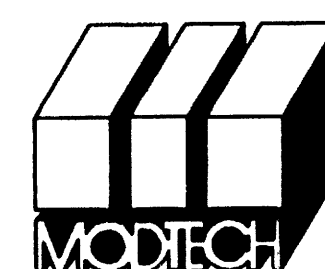
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Mechanical Engineer's Seal

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Architect's Seal

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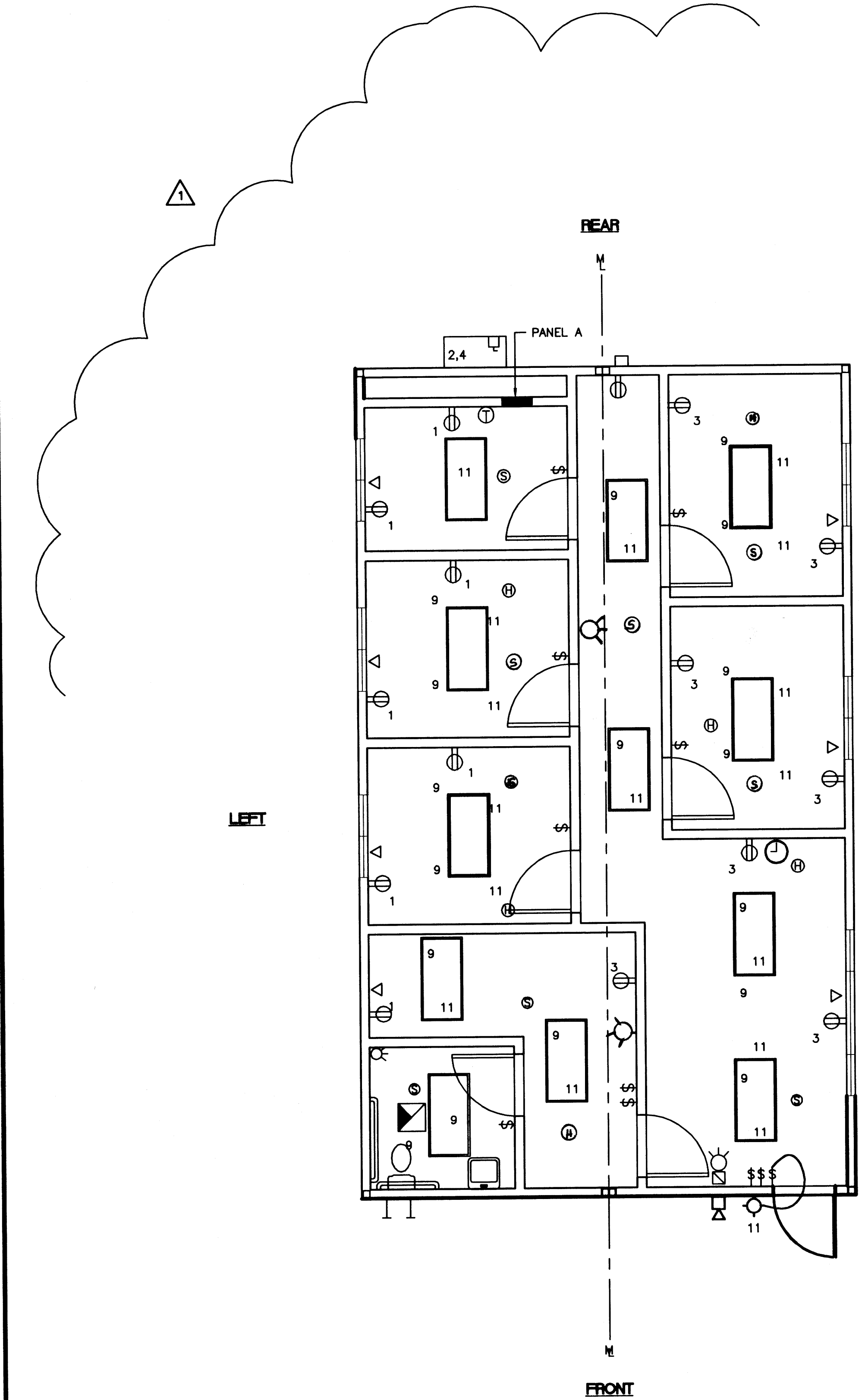
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4284, 4302, 4350
4304, 4347, 4373, 4422
4506

ELECTRICAL PLAN

24'x40' STANDARD

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

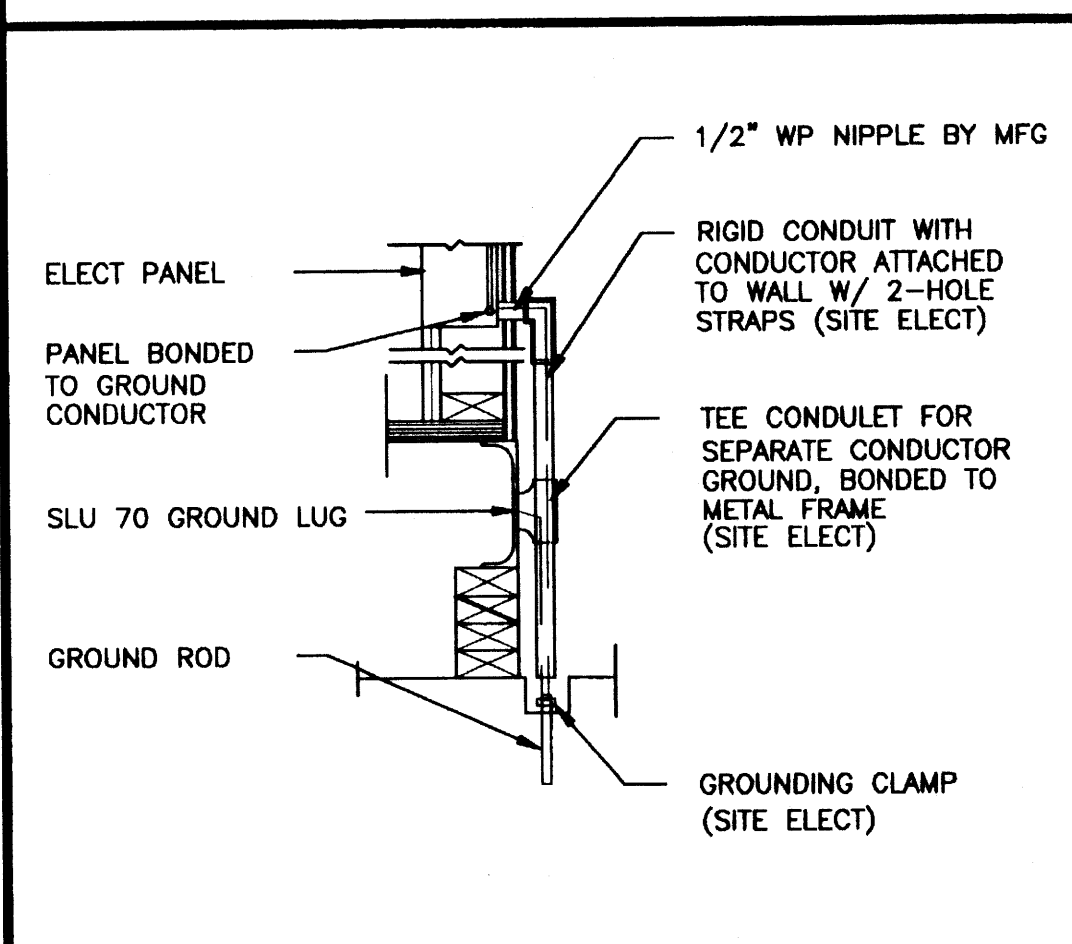
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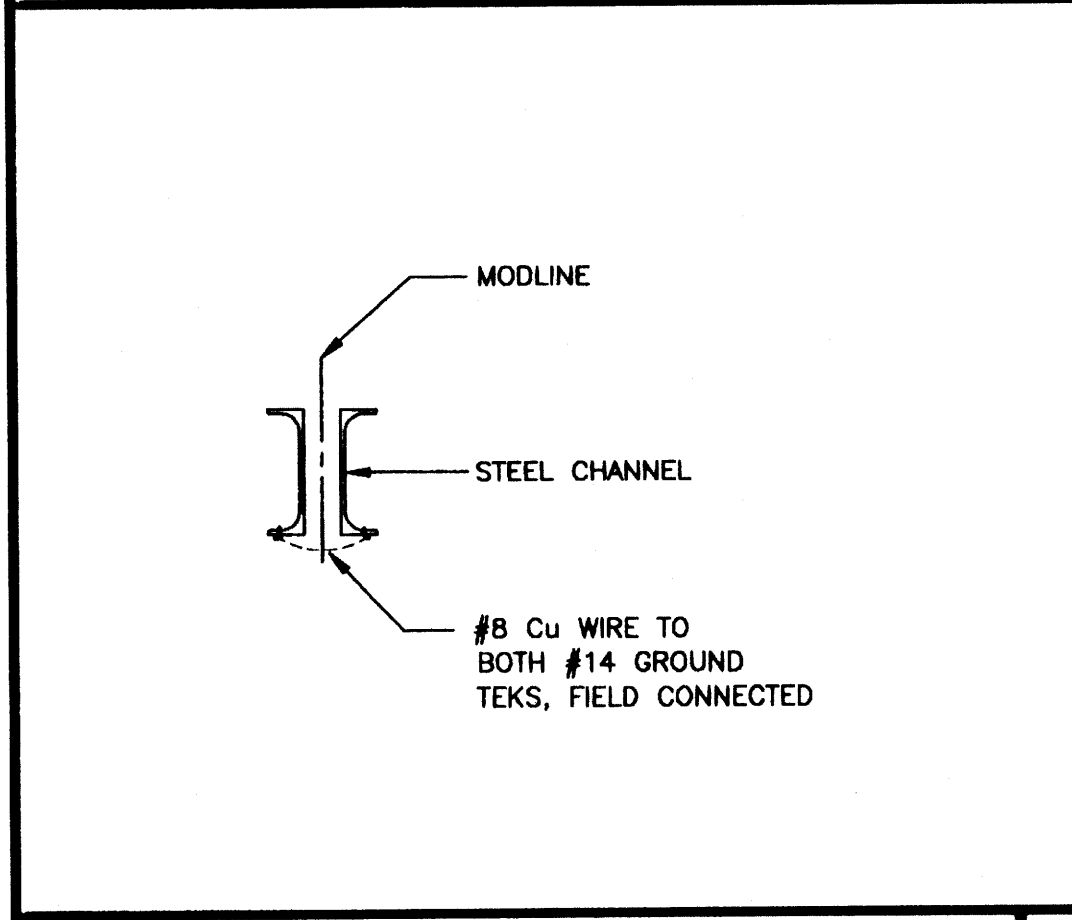
ELECTRICAL PANEL SCHEDULE														
MAIN: 100 AMP			PANEL: A					FEED: REAR						
			LOCATION: REAR/INTERIOR					MOUNTING: FLUSH						
LOAD	WATTS		BREAKER		Amps		P		BREAKER		WATTS		LOAD	
	A#	B#	A#	B#	A#	B#	A#	B#	A#	B#	A#	B#	A#	B#
RECEPTACLE	1260		20	1	1				2	2	60	3960	HVAC (3 1/2 TON)	
RECEPTACLE/CLOCK		1260	20	1	3				4	-	-	3960	HVAC (3 1/2 TON)	
					5				6	2	30	3120	SWK HEATSTRIPS	
					7				8	-	-	3120	SWK HEATSTRIPS	
INTERIOR LIGHTS/FAN	1290		20	1	9				10					
INT/EXT LIGHTS		1250	20	1	11				12					
WATTS/PHASE	A = 9630		2550						7080		7120		B = 9630	
TOTAL	19260	WATTS	81	AMPS	120/240	VOLTS	SINGLE #		THREE		WIRE			

GENERAL GROUNDING NOTES

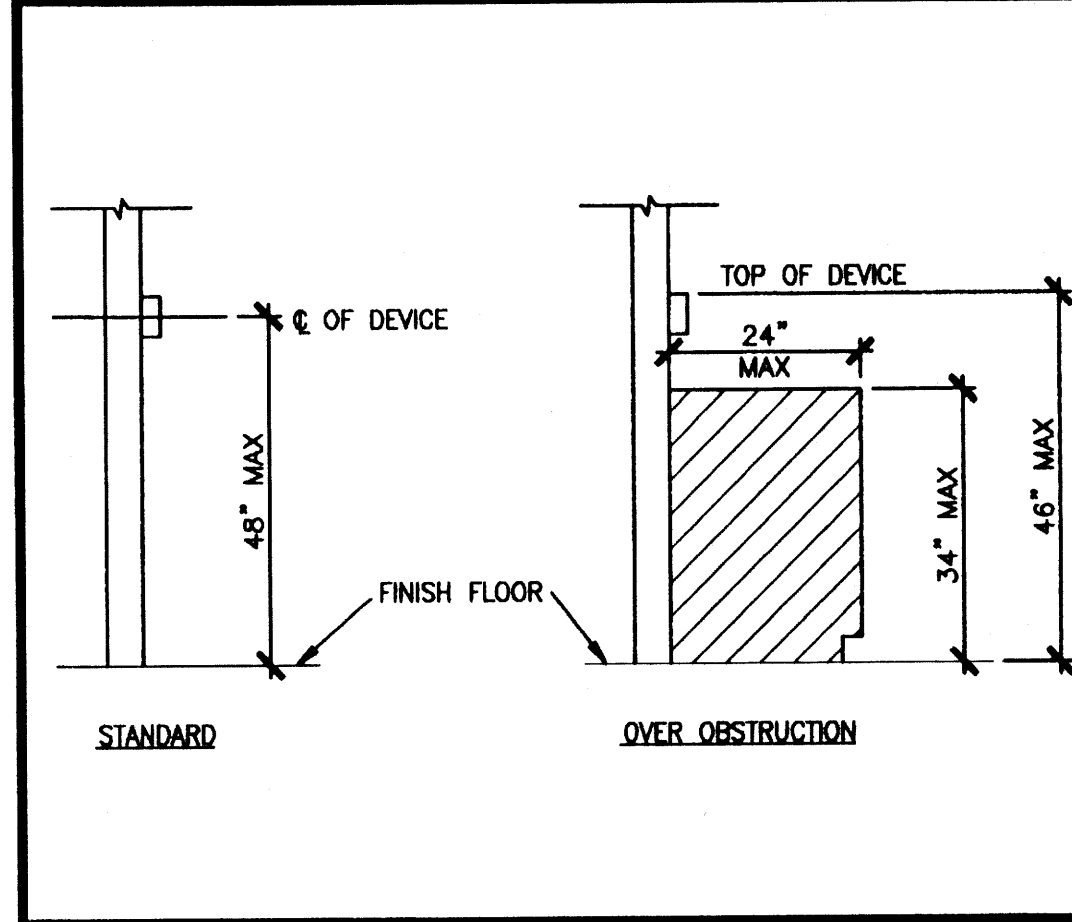
- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. X 8' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP (BY SITE ELECTRICAL)
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- GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.



TYP GROUNDING DETAIL 1



GROUND JUMPER AT MOD LINE 2



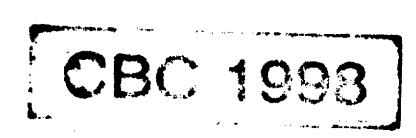
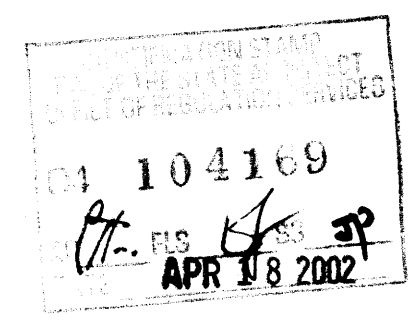
DEVICE MOUNTING 3

ELECTRICAL LEGEND

- 2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE
- 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, TO 3/4" CO TO OR 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 +50" 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) *

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.
* 2. 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

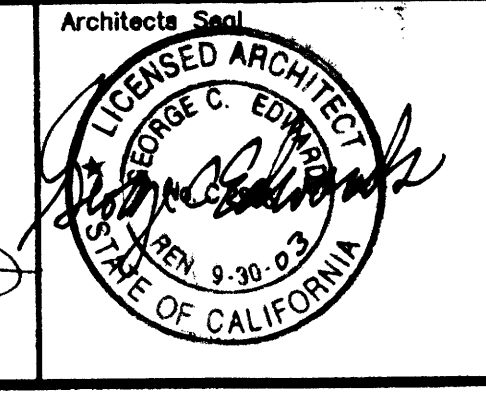


REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
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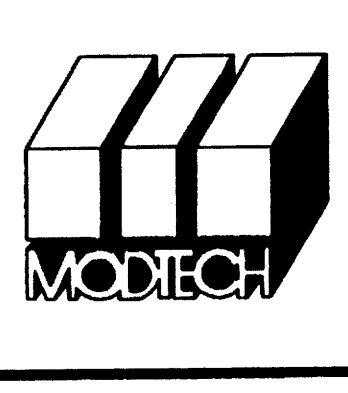
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal



IDENTIFICATION STAMP
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PC-04
101268
AC FLS 6/15/00
DATE SEP 11 2000



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

PROJECT NUMBER: 4134
MODTECH, INC. 2001

DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
E1.01B

FILE PATH: 2440-4134.DWG

PROJECT NO. 4134

MAIN: 150 AMP				PANEL: A										FEED: REAR						
				LOCATION: REAR/INTERIOR					MOUNTING: FLUSH											
LOAD		WATTS		BREAKER		A		B		C		BREAKER		WATTS		LOAD				
		A#	B#	Amps	P	1	2	3	4	5	6	7	8	9	10			A#	B#	
RECEPTACLE		1080		20	1	1						2	2	60	7080		HVAC (3 1/2 TON)			
RECEPTACLE/CLOCK			1080	20	1	3						4	—		7080		HVAC (3 1/2 TON)			
RECEPTACLE		1080		20	1	5						6								
RECEPTACLE			900	20	1	7						8								
LIGHTING		840		20	1	9						10								
LIGHTING			900	20	1	11						12								
												13								
												14								
												15								
WATTS/PHASE		A = 10080		3000	2880											7080	7120	B = 10000		WATTS/PHASE
TOTAL		20080		WATTS		84	AMPS				120/240				VOLTS		SINGLE Ø		THREE	WIRE

1. EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" ROD. 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)
2. 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)
3. 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.
4. GROUND MG TEST SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR. ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250.

2'x4' 4 TUBE FLUORESCENT LIGHT FIXTURE

⊙ 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, TO 3/4" CO TO ⊗ OR □ . 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

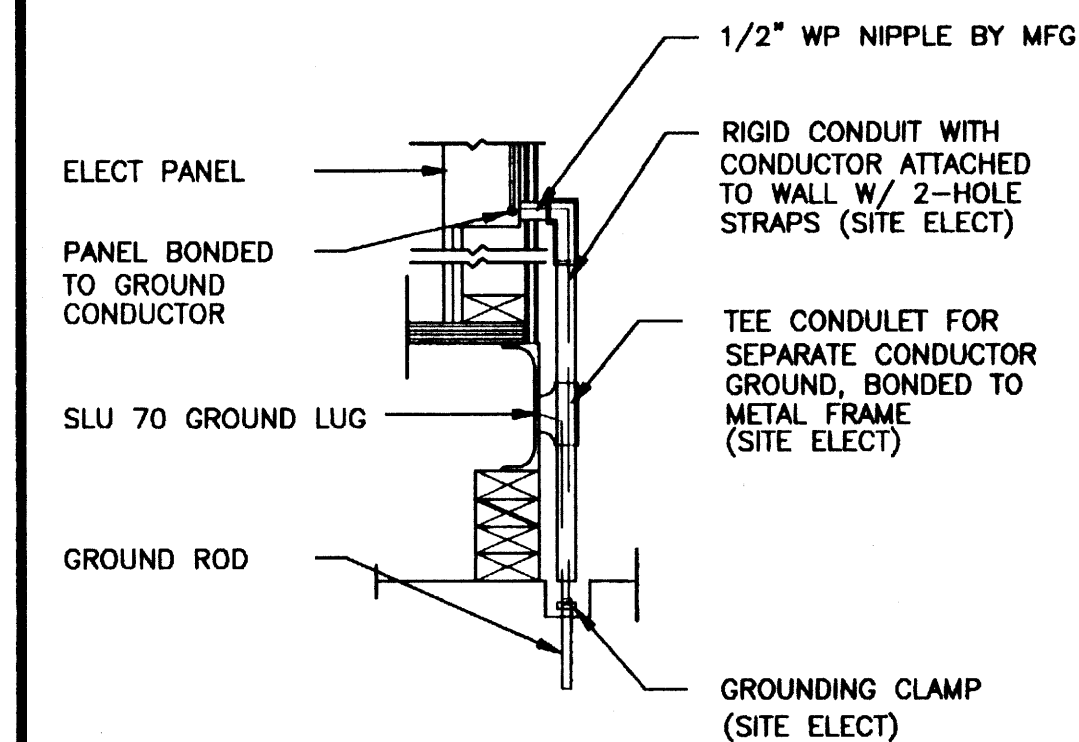
□ WEATHER PROOF GUTTER BOX (6"x6"x4") AT +18" AFF RECEIVE 3/4" CO FROM FA DEVICE, PULLSTRING

■ ELECTRICAL PANEL AT +60" 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) *



1

1. 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.

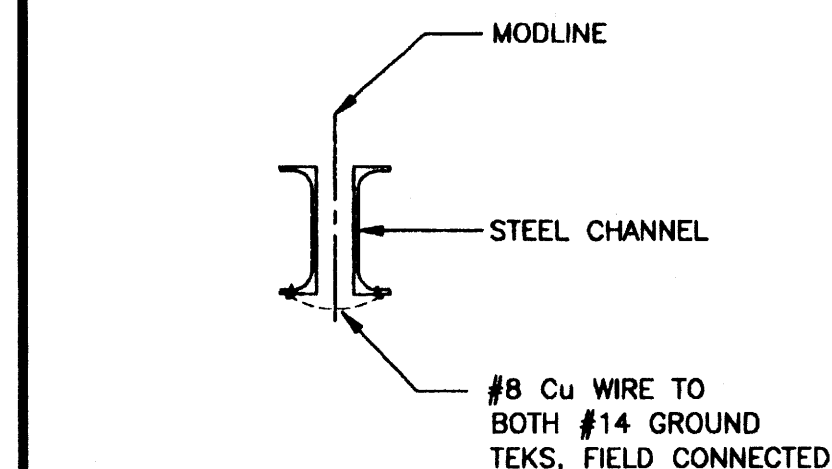
ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

<u>EQUIPMENT ON GRADE</u>	<u>20% OF OPERATING WEIGHT</u>
<u>EQUIPMENT ON STRUCTURE</u>	<u>30% OF OPERATING WEIGHT</u>

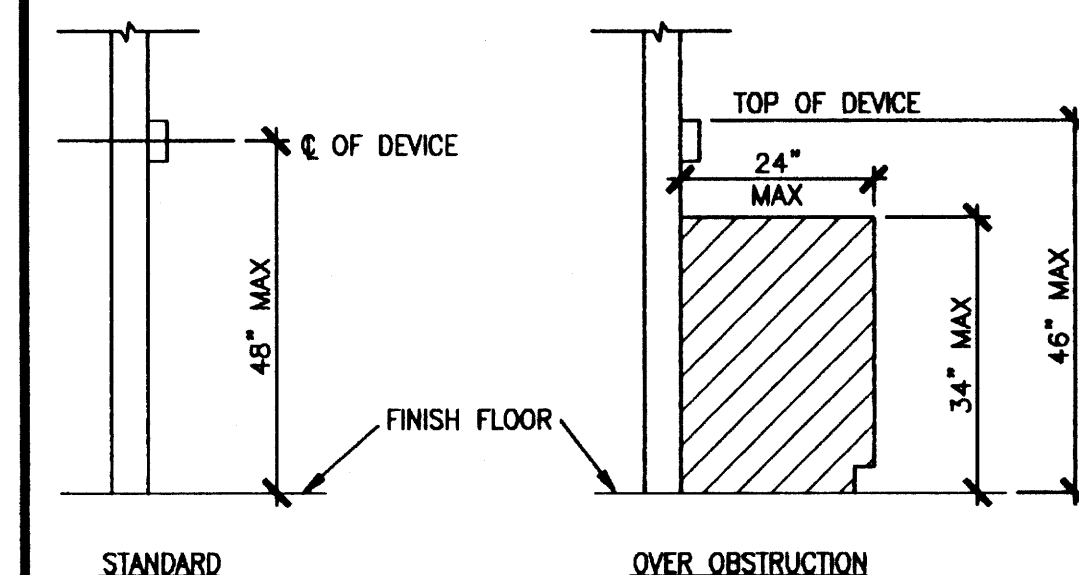
FOR FLEXIBLY MOUNTED EQUIPMENT USE 4 TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES THE HORIZONTAL FORCE.

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.



E 2

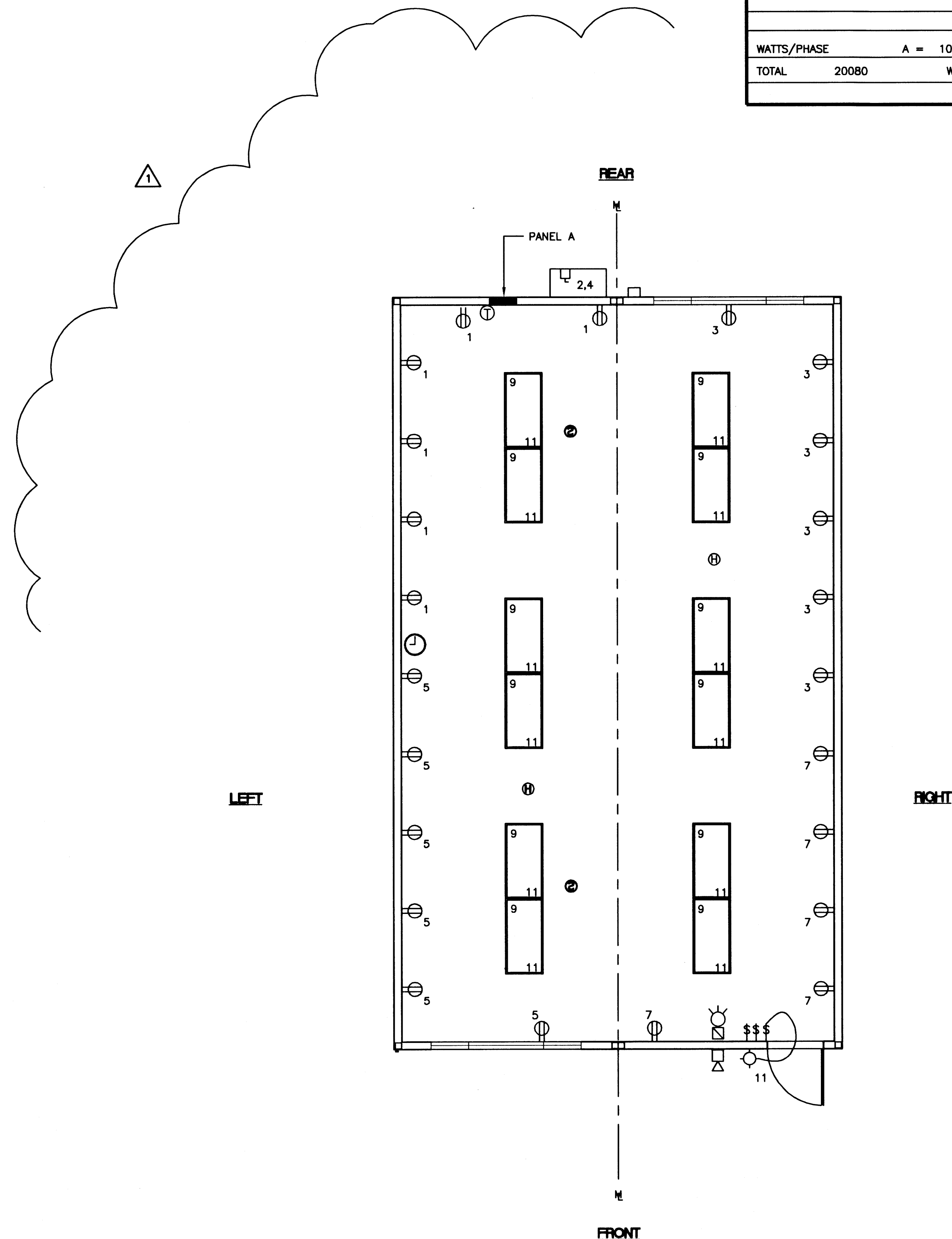


3

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

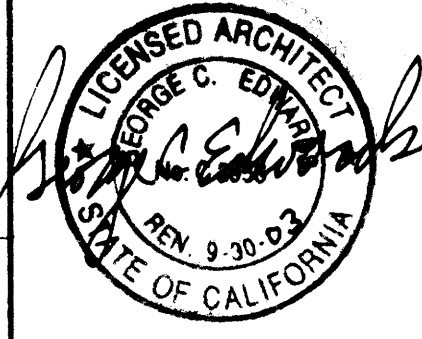
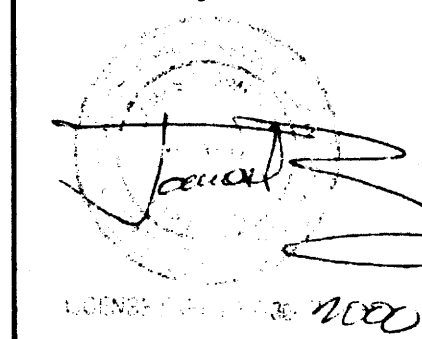
E1.01C



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

REVISIONS			
1	MCA	MODIFIED FLOOR PLAN	04/15/02
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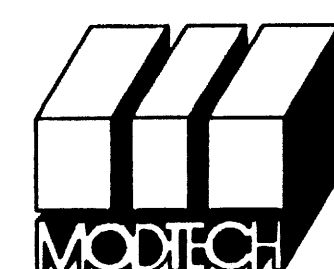
Architects Seal



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PC-04
101268

AC *FLS* *10/1/88* *Low*
DATE *10/1/88*



2830 BARRETT AVENUE
PERRIS, CALIF. 92572
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FAX (909) 940-0427

CLASS LEASING, INC.

P. O. Box 51150 Riverside, CA 92517-2150
1221 Harley Knox Blvd. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

SPECIFICATIONS RELOCATABLE CLASSROOMS

4.01 MATERIAL SPECIFICATIONS:

1. 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

2. Plywood shall be as shown on these drawings with exterior glue in accordance with U.S. Product Standard PS 1-95. All panels shall be marked with an APA grade mark with an identification index as shown on drawings. Use 4'x8' panels-minimum, except at boundaries and at framing changes where minimum panel dimension shall be 24" at roofs and floors and 12" at walls.

3. Bolts for timber connections shall conform to ANSI/ASME Standard B18.2.1-1981 & 2005 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 2005 NDS. Bolt holes shall be 1/32 to 1/16 inch larger than bolt diameter. Bolts shall be full body steel bolts with minimum yield strength of 45,000 PSI. Re-tighten bolts before closing in work.

4. Lag screws shall be steel and conform to ANSI/ASME Standard B18.2.1 and 2005 NDS. Holes for lag screw shanks 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 9.3 in NDS

5. 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.

6. Wood screws shall conform to ANSI/ASME Standard B18.6.1 and the requirements of the 2005 NDS. Galvanized or other corrosion resistant coating where exposed to weather or used in foundations. Screws shall be steel with cut threads and bending yield strengths per Table 11.3 in NDS.

7. Wood members shall be cut or notched only as shown on structural drawings.

8. When required nailing tends to split wood members, nail holes shall be pre-bored to 3/4 of the nail diameter.

9. Structural nailing shall be with BOX NAILS per all requirements of 2005 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.)

10. Nail equivalence:
(provide minimum nail lengths as required for specified penetration, TYPICAL: U.N.O.)

6d equals .113" DIA. - provide 1.36" minimum point penetration
8d equals .131" DIA. - provide 1.57" minimum point penetration
10d equals .148" DIA. - provide 1.78" minimum point penetration
16d equals .162" DIA. - provide 1.94" minimum point penetration
(* 1 1/2" at 2x members)

11. Pressure preservative treatment shall be per Section 2303.1.8, CCR Title 24, Part 2. Provide quality mark on all treated foundation members from agency approved by DSA. All foundation members shall be marked as "For ground contact (LP22)" or "For above ground use (LP2)" as appropriate. Treat all cut ends of pressure treated members with an approved preservative. (Willard W/B 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 per LP2.

12. Only material in contact with ground needs to be pressure treated, all other foundation lumber can be DF or HF#2 or equal.

13. 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.

14. Fasteners for pressure-preservative treated and fire-retardant treated wood shall comply with Section 2304.9 of CBC.

15. Nails and spikes used in wet or exterior locations shall comply with Section 2304.9.1.1 of CBC.

16. Shim material shall be plywood CD EXP 1 or equal (not pressure treated).

17. Used lumber in good condition is acceptable for use in foundation system.

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:

1. Provide Electrical Grounding Test per DSA IRE-1.
2. No other tests and inspections are required.

1.01 GENERAL REQUIREMENTS:

1. The requirements of the general conditions of the agreement and these General Requirements apply to the several trade sections with the same force as though fully repeated in each section.

2. Name brands are indicated to establish a standard of quality. Items of equal or better quality may be substituted for the listed brand named products.

1.02 SCOPE OF WORK:

1. The work consists of manufacturing off-site in a plant, and installing on-site, modular relocatable building as defined herein, shown and detailed on the drawings. In the case of a Stockpile; the modular relocatable building is manufactured in-plant and stored off-site until such time that it is relocated from the off-site storage location and installed on-site.

2. All requirements of CCR (California Code of Regulation) Title 19 and 24 relating to inspections and verified reports shall be complied with and shall include:

- a) General responsible charge of Field Administration by the Architect of Record.
- b) Inspection during the course of construction by an Inspector approved by DSA (Division of the State Architect) and the District Architect. The Inspector shall be responsible for and approved to inspect the general construction, welding, mechanical and electrical work. Cost of these inspections shall be borne by the School District.
- c) On site inspection of the building installation, electrical and utility of the building installation or connection by an Inspector approved by the DSA and retained by the School District.
- d) Other special tests or inspections as may be required by DSA. Cost of these inspections/tests shall be borne by the School District.

1.03 WORK NOT INCLUDED:

1. All on-site or off-site utilities and the connection of them to the building unless indicated on the drawings.
2. All leveling, grading or other site preparation (except concrete or wood leveling strips, where Required) unless otherwise indicated on the drawings.
3. Fire alarm system, program bell, clock, public address system, intercom system, TV system, computer data or any other low voltage system, unless otherwise indicated on the drawings or the lease agreement.

1.04 ACCESSIBILITY OF SITE:

The School District shall provide access to the site for the installation of the building. Removal of trees, shrubs, fencing, sprinklers, etc. necessary for move-in and removal of the buildings shall be the responsibility of the School District.

2.01 SITE ASSEMBLY:

1. Scope of Work: Contractor (Class Leasing Inc.) shall provide all labor, materials and services to prepare the building elements, transport them from the plant to the site and to complete the assembly at the site.

The condition of the site, such as drainage and soil bearing capacity, shall be the responsibility of the School District and the District Architect.

2. Assembly of Elements:

- a) In a location on the site as determined by the District Architect. The contractor shall place the foundation as detailed on the drawings.
- b) The elements shall be brought to the site on wheel assembly and transferred to the prepared site. Great care shall be taken to avoid damage to the elements by racking or bumping.
- c) Connection of the elements together shall be done according to instructions on the drawings. Flashing, trim and other loose items shall be installed per plans and details of the original building manufacturer's drawings.

3.01 CARPENTRY:

1. Scope of Work: Contractor shall provide all labor, materials and services to install carpentry.

2. Workmanship:

- a) 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 sealed at all edges.
- b) NAILING: in accordance with the title 24 CCR-Table 2304.9.1. Nails shall be corrosion resistant box nails.
- c) 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.
- d) TRIM: sealed at all edges. Sealant painted to match trim or siding.

APPLICABLE BUILDING CODES

ALL NEW WORK SHALL COMPLY AND CONFORM TO THE REQUIREMENTS OF THE 2007 CBC

2007 CALIFORNIA CODE OF REGULATIONS (CCR)

- 2007 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
- 2007 CALIFORNIA BUILDING CODE (CBC) (PART 2, TITLE 24, CCR)
(2006 INTERNATIONAL BUILDING CODE VOLUMES 1-3 WITH 2007 CALIFORNIA AMENDMENTS)
- 2007 CALIFORNIA ELECTRICAL CODE (CEC) (PART 3, TITLE 24, CCR)
(2005 NATIONAL ELECTRICAL CODE WITH 2007 CALIFORNIA AMENDMENTS)
- 2007 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR)
(2006 UNIFORM MECHANICAL CODE WITH 2007 CALIFORNIA AMENDMENTS)
- 2007 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR)
(2006 UNIFORM PLUMBING CODE WITH 2007 CALIFORNIA AMENDMENTS)
- 2007 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
- 2007 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
- 2004 ASME A17.1 SAFETY CODE FOR ESCALATORS AND ELEVATORS
- 2007 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
(2006 INTERNATIONAL FIRE CODE WITH 2007 CALIFORNIA AMENDMENTS)

TITLE 19 CCR PUBLIC SAFETY, STATE FIRE MARSHALL 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 = 85 MPH (V) (3 SECOND GUST), Kz = 1.0
SNOW LOAD, PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = IBC AND CBC 2007

SEISMIC DESIGN DATA:	MOMENT FRAME PC'S	SEISMIC DESIGN DATA:	SHEAR WALL PC'S
Basic Seismic Force-Resisting System = STEEL MOMENT FRAME	Basic Seismic Force-Resisting System = STEEL MOMENT FRAME	Basic Seismic Force-Resisting System = WOOD PANEL SHEAR WALLS	Basic Seismic Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE	ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE	ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE	ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)	Seismic Design Category = E (per CBC Section 1613A.5.6)	Seismic Design Category = E (per CBC Section 1613A.5.6)	Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 9404 # (Roof, Floor, Walls & Partitions)	Design Base Shear: 24x40 BUILDING = 9404 # (Roof, Floor, Walls & Partitions)	Design Base Shear: 24x40 BUILDING = 9404 # (Roof, Floor, Walls & Partitions)	Design Base Shear: 24x40 BUILDING = 9404 # (Roof, Floor, Walls & Partitions)
8x40 BUILDING = 14110 # (Roof, Floor, Walls & Partitions)	8x40 BUILDING = 14110 # (Roof, Floor, Walls & Partitions)	8x40 BUILDING = 14110 # (Roof, Floor, Walls & Partitions)	8x40 BUILDING = 14110 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 18810 # (Roof, Floor, Walls & Partitions)	48x40 BUILDING = 18810 # (Roof, Floor, Walls & Partitions)	48x40 BUILDING = 18810 # (Roof, Floor, Walls & Partitions)	48x40 BUILDING = 18810 # (Roof, Floor, Walls & Partitions)

$I = 1.0$ $C_{sz} = 0.286$ $R = 3.5$ $SITE CLASS = D$ $I = 1.0$ $C_{sz} = 0.154$ $R = 6.5$ $SITE CLASS = D$
 $S_s = 2.0$ per CBC Figure 1613A.5(3), REDUCED TO 1.5 per ASCE 7-05 Section 12.8.1.3 $S_s = 2.0$ per CBC Figure 1613A.5(3), REDUCED TO 1.5 per ASCE 7-05 Section 12.8.1.3
 $S_1 = 1.0$ $S_1 = 1.3$ per CBC Figure 1613A.5(2) $S_1 = 1.0$ $S_1 = 1.3$ per CBC Figure 1613A.5(2)

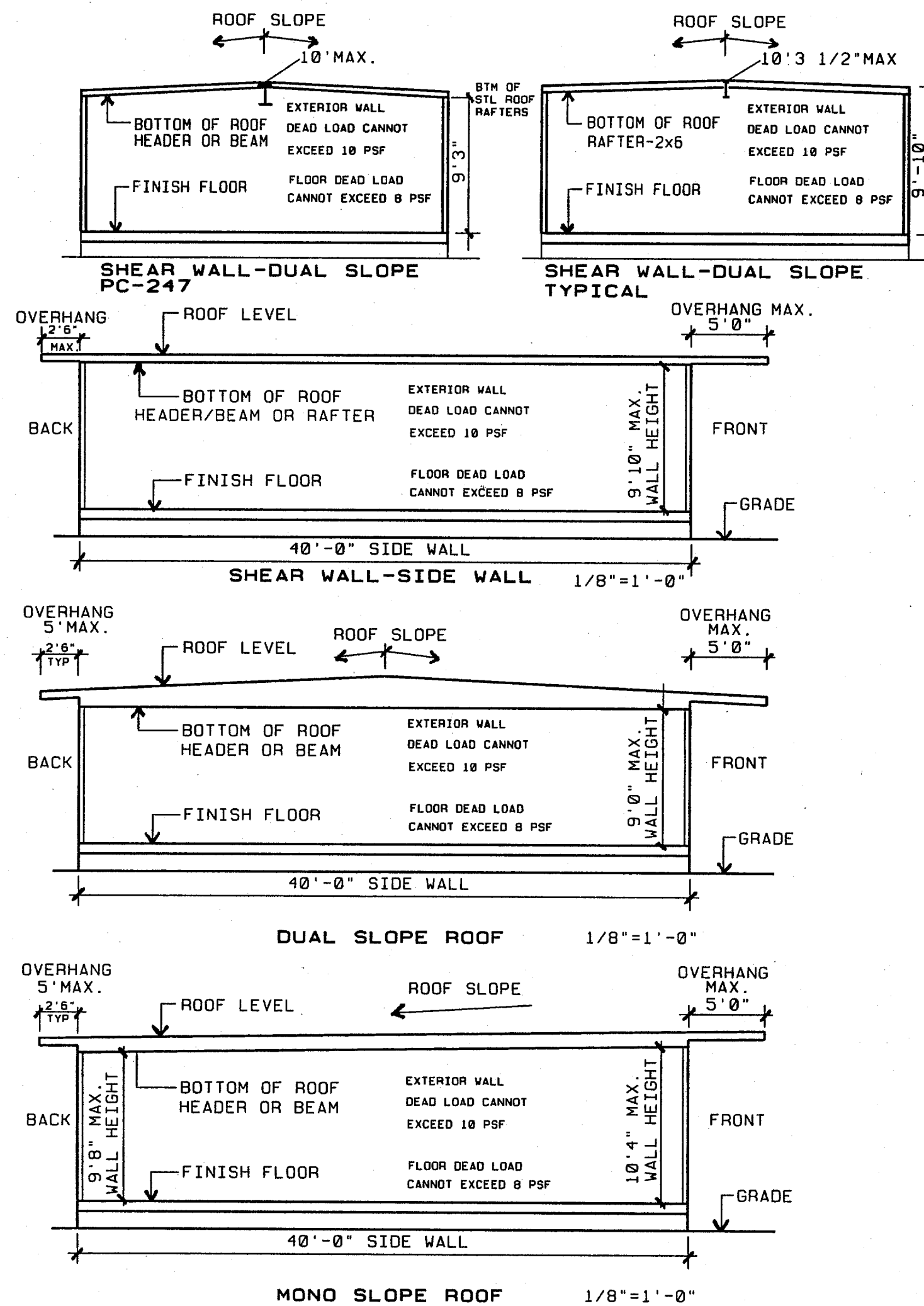
FLOOD DESIGN DATA: Project is not located in a flood zone

LIMITATIONS WOOD FOUNDATION PC ONLY:

WOOD 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:

1. DSA APPROVED STOCKPILE BUILDINGS
2. ROOF OVERHANGS OF 5'-0" MAXIMUM
3. 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
4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
5. FLOOR DEAD LOAD OF 8 PSF



TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC ONLY LIMITATIONS
DOCUMENTATION SHALL BE PROVIDED BY ENGINEER OF GENERAL RESPONSIBLE CHARGE
TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING
STOCKPILE BUILDINGS FOR CLASS LEASING, INC.

SHEET INDEX: STOCKPILE BUILDING FOUNDATION PC# 04-1

F1.0 COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX

F2.0 24 x 40 - 50 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD

~~F2.1 24 x 40 - 50 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

~~F2.2 36 x 40 - 50 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

~~F2.3 36 x 40 - 50 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

~~F2.4 36 x 40 - 100 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

~~F2.5 48 x 40 - 50 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

~~F2.6 48 x 40 - 50 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

~~F2.7 48 x 40 - 100 PSF FOUNDATION PLAN & DETAILS, ADJACENT BUILDING PAD~~

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS
MANUFACTURED BY THE SAME COMPANY
MAY BE PLACED ADJACENT TO EACH OTHER.

CLASS LEASING- APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

BUILDING DATA- 24x40 SHEAR WALL						
STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP 1029	50643	SHR	10/21/88	24x40	50+20#	MOOTECHE
STKP 02	52512	48137-SHR	11/06/89	24x40	50#	MOOTECHE
STKP 01	52513	48750-SHR	11/06/89	24x40	50#	MOOTECHE
STKP 03	52514	SHR	11/06/89	24x40	50#	MOOTECHE
STKP 05	52515	45400-SHR	12/07/89	24x40	50#	AURORA
STKP 04	52516	SIM PC 29 SHR	12/07/89	24x40	50#	MOOTECHE
STKP 22	55113	PC 80	10/05/90	24x40	50#	MOOTECHE
STKP 24	55580	PC 95	06/14/94	24x40	50#	MOOTECHE
STKP 13	61957	PC 247	06/29/94	24x40	50#	MOOTECHE
STKP 77	57970	PC 247	11/10/97	24x40	50#	MOOTECHE

BUILDING DATA- 24x40 RIGID FRAME						
STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP 11	52482	MRF	06/13/91	24x40	50+20#	MODTECH
STKP 20	55031	PC 79	09/18/90	24x40	50#	MODTECH
STKP 21	55032	PC 79	09/18/90	24x40	50#	MODTECH
STKP 23	55347	PC 79	11/26/90	24x40	50#	MODTECH
STKP SW	57194	PC 79	11/08/91	24x40	50+20#	MODTECH
STKP 14	57679	PC 96	03/19/92	24x40	50#	MODTECH
STKP 18	63288	PC 243	05/04/95	24x40	50#	MODTECH
STKP 19	63321	PC 242	05/11/95	24x40	50#	MODTECH
STKP 27	65493	PC 266	07/31/96	24x40	50#	MODTECH
STKP 31	68318	PC 266	11/12/96	24x40	50+20#	MODTECH
STKP 33	67333	PC 266	03/11/97	24x40	50#	MODTECH
STKP 35	04-100117	PC 266	01/15/98	24x40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08/10/98	24x40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08/10/98	24x40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09/03/98	24x40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01/07/99	24x40	50+20#	MODTECH
STKP 43	04-101555	PC 275	09/09/99	24x40	50#	MODTECH
STKP 44	04-101602	PC 266	09/09/99	24x40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12/18/99	24x40	50#	MODTECH
STKP 51	04-102015	PC 101268	03/18/00	24x40	50# 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07/08/00	24x40	50+20#	MODTECH
STKP 56	04-102824	PC 101268	12/21/00	24x40	50#	MODTECH
STKP 62	04-104189	PC 101268	04/18/02	24x40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12/05/02	24x40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05/22/03	24x40	50+20#	MODTECH
STKP 76	04-105455	PC 104796	07/17/03	24x40	50#	MODTECH
STKP 78	04-109208	PC 106884	12/13/07	24x40	50#	CURRENT/SMI

BUILDING DATA- 36x40 RIGID FRAME						
STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP 15	52476	MRF	12/18/91	36x40	50#	MODTECH
STKP SW	57194	PC 79	11/08/91	36x40	70#	MODTECH
STKP 32	65315	PC 266	11/12/96	36x40	50+20#	MODTECH
STKP 34	67332	PC 266	03/11/97	36x40	50+20#	MODTECH
STKP 45	04-101618	PC 101268	10/07/99	36x40	50+20#	MODTECH
STKP 57	04-103001	PC 101268	05/04/01	36x40	50#	MODTECH
STKP 65	04-104441	PC 101268	07/11/02	36x40	50+20#	MODTECH
STKP 71	04-106419	PC 104801	07/29/04	36x40	50+20#	MODTECH
STKP 73	04-108585	PC 101268	03/01/07	36x40	50#	MODTECH
STKP 74	04-108805	PC 107557	06/07/07	36x40	50+20#	SILVERCREEK
STKP 81	04-110319	PC 109598	04/09/09	36x40	50+20#	MODTECH
STKP 85	04-111101	PC 79	06/03/10	36x40	50+20#	MODTECH

BUILDING DATA- 48x40 RIGID FRAME						
STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG.
STKP SW	57194	PC 79	11/08/91	48x40	100#	MODTECH
STKP SW	57194	PC 79	11/08/91	48x40	20#	MODTECH
STKP 17	63289	PC 243	05/04/95	48x40	50+20#	MODTECH
STKP 41	04-100797	PC 266	10/22/98	48x40	50+20#	MODTECH
STKP 46	04-101617	PC 101268	10/07/99	48x40	50+20#	MODTECH
STKP 63	04-108170	PC 101268	04/18/02	48x40	50+20#	MODTECH

DATE SIGNED
FEB 09 2011

DATE
FEB 10 2011

PRE-CHECK (PC) DOCUMENT
CODE 2007 CBC
A SEPARATE PROJECT APPLICATION FOR
CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP
DIV. OF THE STATE

FOUNDATION PLATE SCHEDULE

		50 PSF	50 + 20 PSF	100 PSF
END WALL	SILL	2"x6"	2"x6"	2"x12"
	BLOCKING	2"x4"	2"x4"	2"x6"
	TOP PLATE	2"x4"	2"x4"	2"x6"
SIDE WALL	SILL	2"x12"	2"x12"	2"x12"
	BLOCKING	2"x6"	2"x6"	2"x6"
	TOP PLATE	2"x6"	2"x6"	2"x6"
MODLINE	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(8)2"x12"x30"
PAD AT ENDWALL	BLOCKING	2"x10"	2"x10"	2"x10"
	TOP PLATE	2"x6"	2"x6"	2"x6"
MODLINE	SILL	(4)2"x12"x30"	(5)2"x12"x30"	(6)2"x12"x30"
PAD AT INTERIOR	BLOCKING	2"x10"	2"x10"	2"x10"
	TOP PLATE	2"x8"	2"x8"	2"x8"
4" SEPARATION	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x12"x30"
PAD AT END WALL	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"
4" SEPARATION	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x12"x30"
PAD AT INTERIOR	BLOCKING	2"x12"	2"x12"	2"x12"
	TOP PLATE	2"x12"	2"x12"	2"x12"

NOTE: * USE 2"x4" PLATES FOR ANY ADDITIONAL BLOCKING REQUIRED FOR LEVELING.
* ALL SILL (FOOTING) PLATES TO BE PRESSURE TREATED SEE NOTE #3 THIS SHEET.
* FOR FOUNDATION PLATE NAILING SEE F1.21

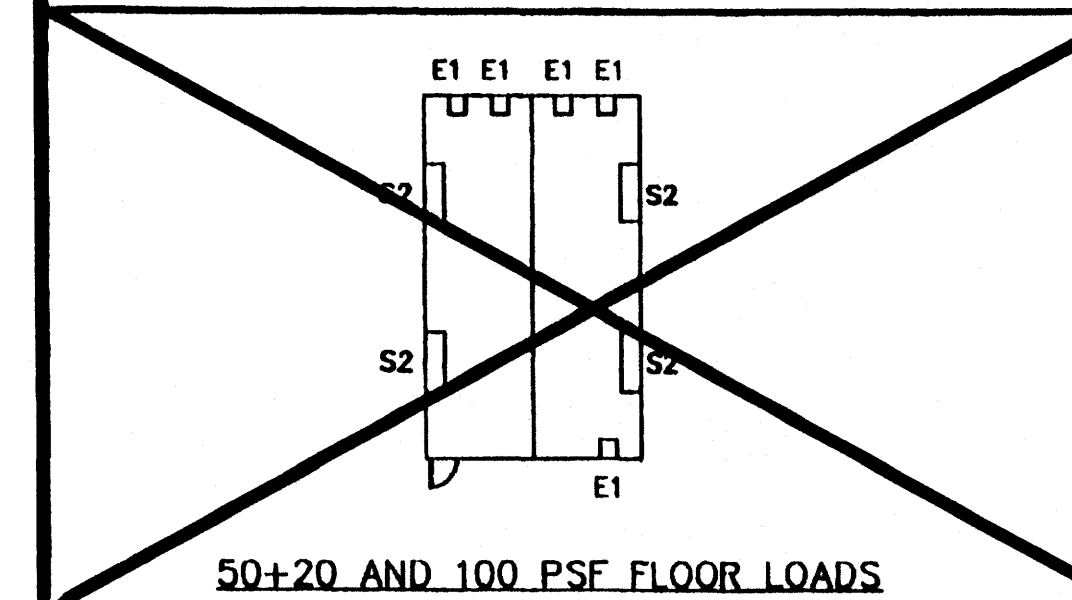
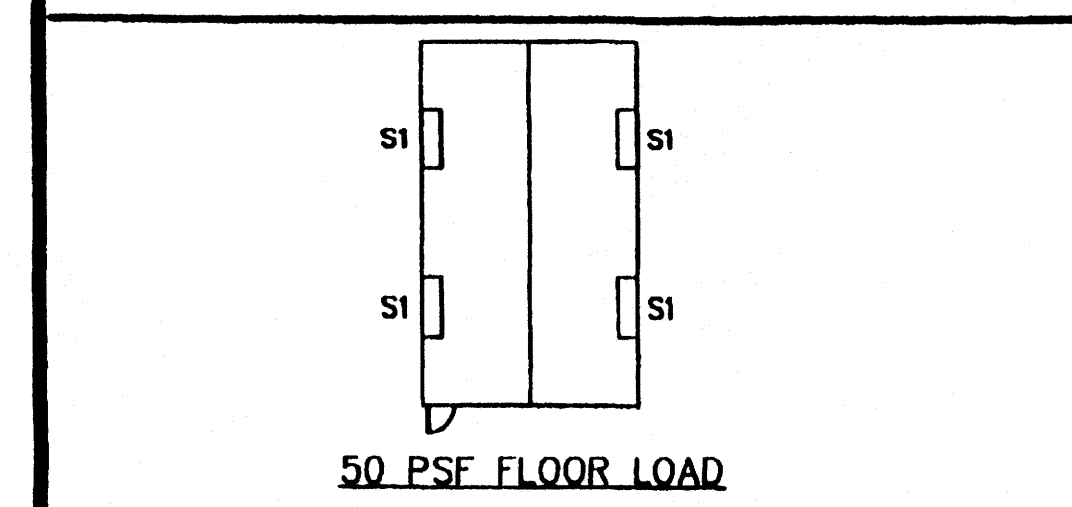
DIMENSION SCHEDULE

	50 PSF	50 + 20 PSF	100 PSF	125 PSF
A	7'-7 1/2"	9'-1 1/2"	7'-1 1/2"	
B	6'-6"	4'-0"	0"	
C	12'-0"	14'-0"	11'-0"	
D	6'-1"	7'-1 1/4"	5'-1 1/2"	
E	5'-6"	4'-4"	3'-8"	
F	3'-9"	4'-8 1/4"	4'-3"	
G	9'-7"	8'-2"	3'-7"	
H	6'-1"	6'-1"	5'-6 1/8"	
J	4'-8"	3'-10"	2'-6"	
K	5'-7 1/2"	7'-6"	6'-9 1/2"	
L	7'-4"	5'-5"	2'-7 1/2"	

STANDARD BUILDING ADMIN BLDG

VENT CALCULATIONS

VENTING REQUIRED = $24' \times 40' = 960 / 150 = 6.4$ SF
VENT
S1 = $3' \times 78" = 1.63$ SF
S2 = $3' \times 48" = 1.00$ SF
E1 = $3' \times 24" = 0.50$ SF
50 PSF FLOOR LOAD
S1X4 = 6.52 SF > 6.40 SF OK
50+20 PSF FLOOR LOAD
S2X4 = 4.00 SF
E1X5 = 2.50 SF
6.50 SF > 6.4 OK



VENT LEGEND

S1=SIDE WALL VENT. 3"x6'-6"
S2=SIDE WALL VENT. 3"x4'-0"
E1=END WALL VENT. 3"x2'-0"

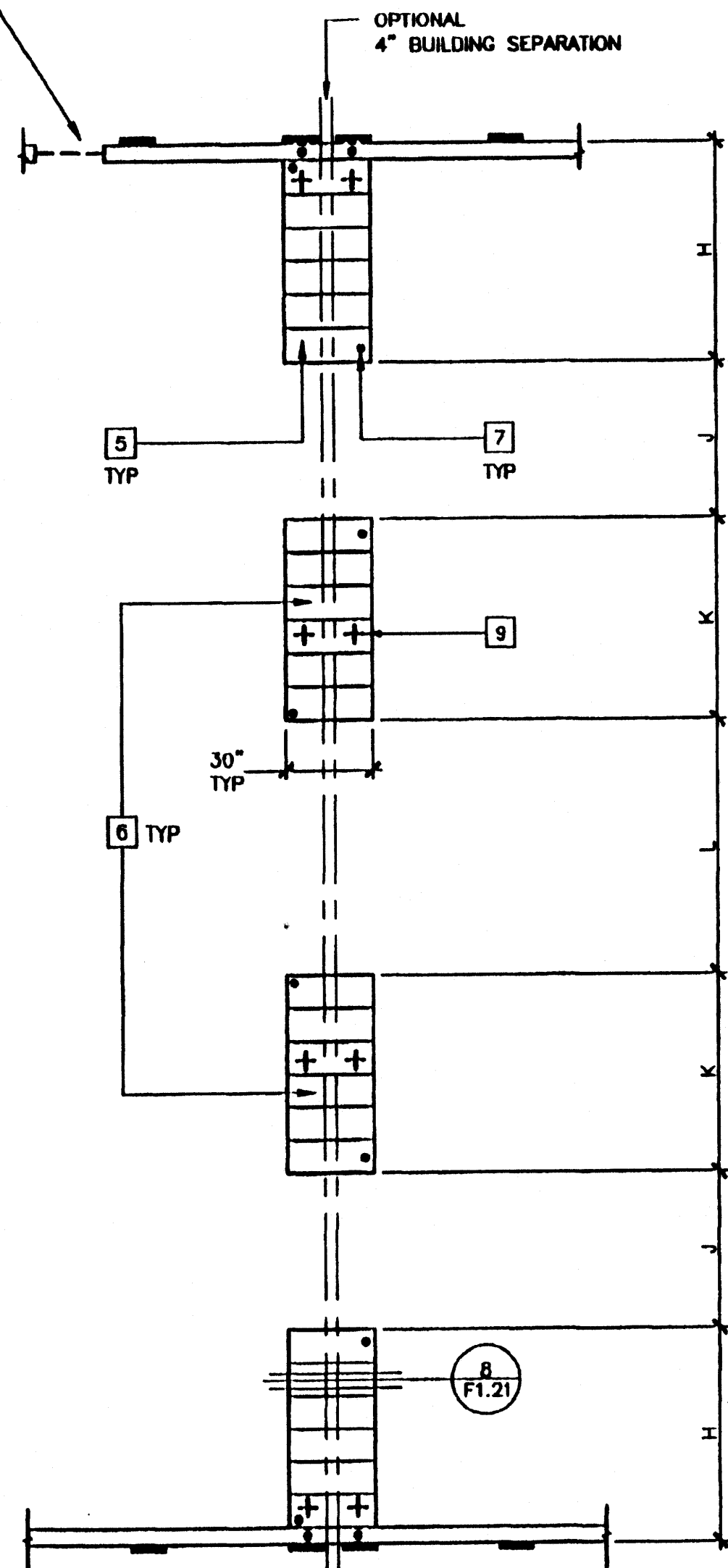
KEY NOTES

- FOUNDATION AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION AT SIDE WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT INTERIOR - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION PAD AT 4" SEPARATION AT END WALL
- FOUNDATION PAD AT 4" SEPARATION AT INTERIOR WALL
- SILL RESTRAINT - SEE NOTE 1
- TIE PLATE - 5/8"/F1.21
AT 70 MPH DESIGN WIND LOAD:
MIN (4) AT EACH END WALL, (5) AT EACH SIDE WALL
AT 80 MPH DESIGN WIND LOAD:
MIN (5) AT EACH END WALL, (5) AT EACH SIDE WALL
- 5/8" DIAx4" LAGS
- FOUNDATION VENT
- FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
- 2" CUTOFF OF SILL PLATE FOR DRAINAGE. FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

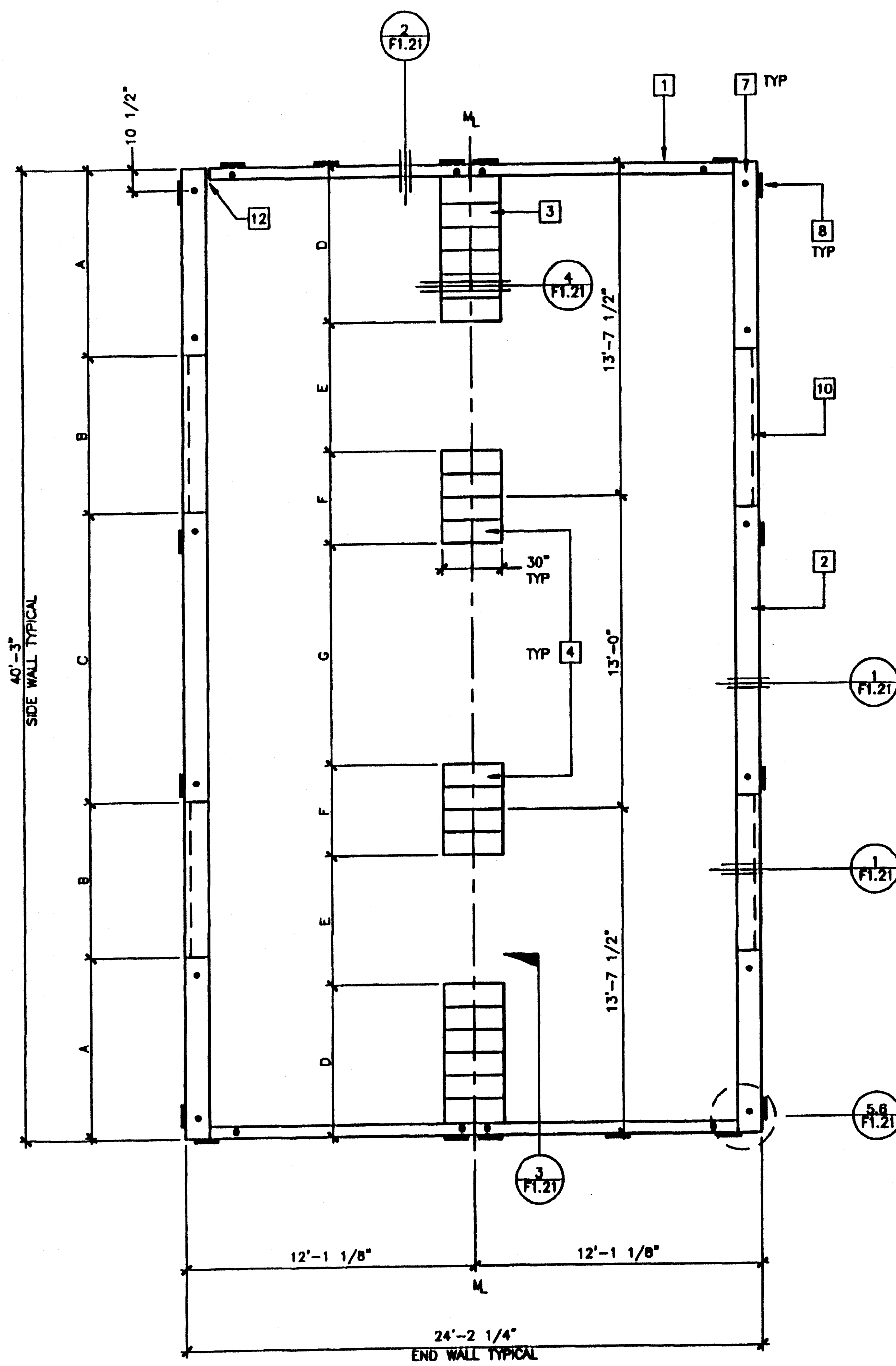
NOTES

- SILL RESTRAINT:
ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX 12" PENETRATION BELOW SURFACE VERTICALLY DRILLED SILL HOLE TO BE 1 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE. TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.
ALTERNATE:
ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS.
- 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 IN-PLANT INSPECTOR.
- FOUNDATION DESIGN FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
- THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION.

3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
MIN 18" FROM BUILDING CORNERS
MIN 18" FROM MODLINES
MIN 12" BLOCKING BETWEEN VENTS



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

24'x40' WOOD SILL
SCALE: 1/4" = 1'-0"

REVISED JAN 4 2001

PC

REVISED

DEC 2 2000

CBC 1998

REVISIONS		
1	SP	ADDED NOTE #6 9/7/00
2	SP	REVISED VENT LEGEND 12/20/00
3	SP	REVISED NOTE #1 01/03/00
4		
5		

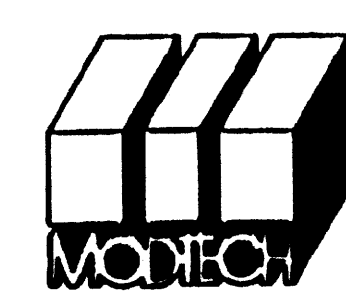
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
L. C. SCHWARTZ
ARCHITECT
STATE OF CALIFORNIA
LICENSE EXPIRES 6-30-2001

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



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

PROJECT NUMBER: 4134, 4153, 4173, 4207 © MODTECH, INC. 2001

4203, 4215
4250, 4284, 4302, 4350
4304, 4347, 4373, 4422
4506

FOUNDATION PLAN 24'x40'/WOOD/50, 50+20, 100 PSF

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

F1.01

STRP-62

KEY NOTES

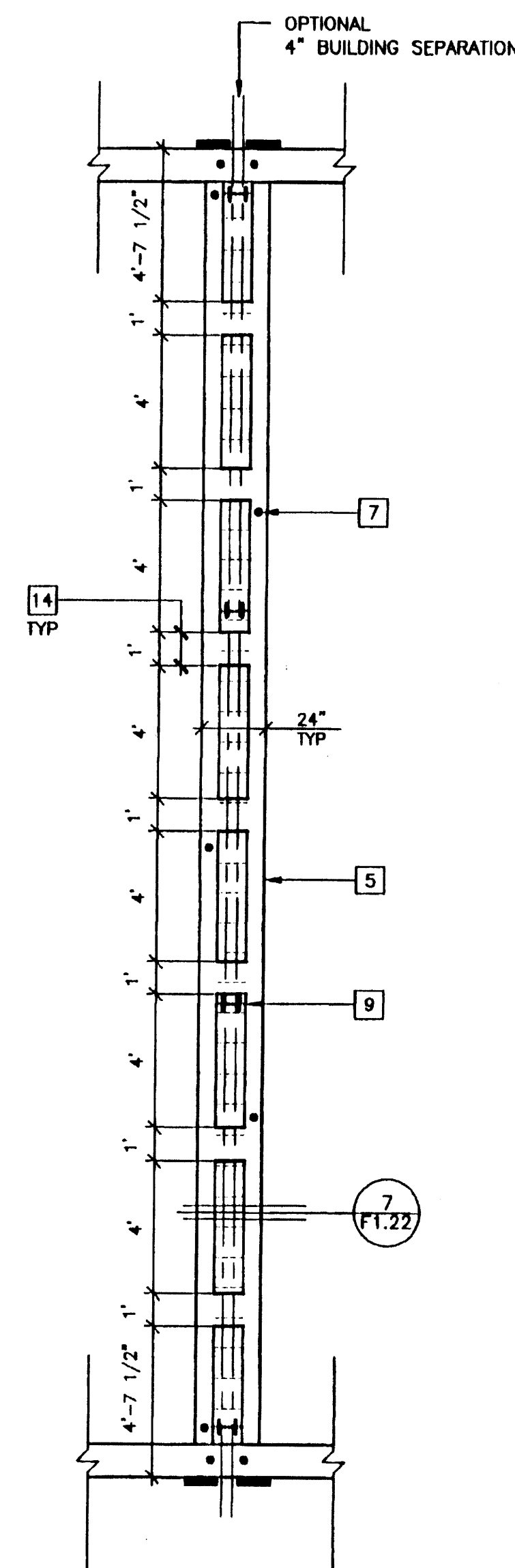
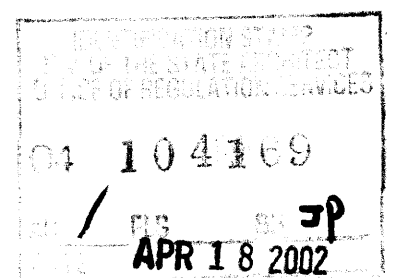
- 1 FOUNDATION AT END WALL
- 2 FOUNDATION AT SIDE WALL
- 3 FOUNDATION AT MODLINE
- 4 NOT USED
- 5 FOUNDATION PAD AT 4" SEPARATION
- 6 NOT USED
- 7 SILL RESTRAINT - SEE NOTE 1
- 8 TIE PLATE - 5/8" F1.22 MIN (6) AT EACH END WALL, (6) AT EACH SIDE WALL
- 9 5/8" DIAx4" LAGS
- 10 FOUNDATION VENT
- 11 FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
- 12 2" CUTOFF OF SILL PLATE FOR DRAINAGE. FIELD CREWS TO LOCATE AT LOWEST CORNER OF FOUNDATION
- 13 4 1/2"x12" FLOW THROUGH VENT - 3/F1.22
- 14 4 1/2"x12" FLOW THROUGH VENT - 7/F1.22

NOTES

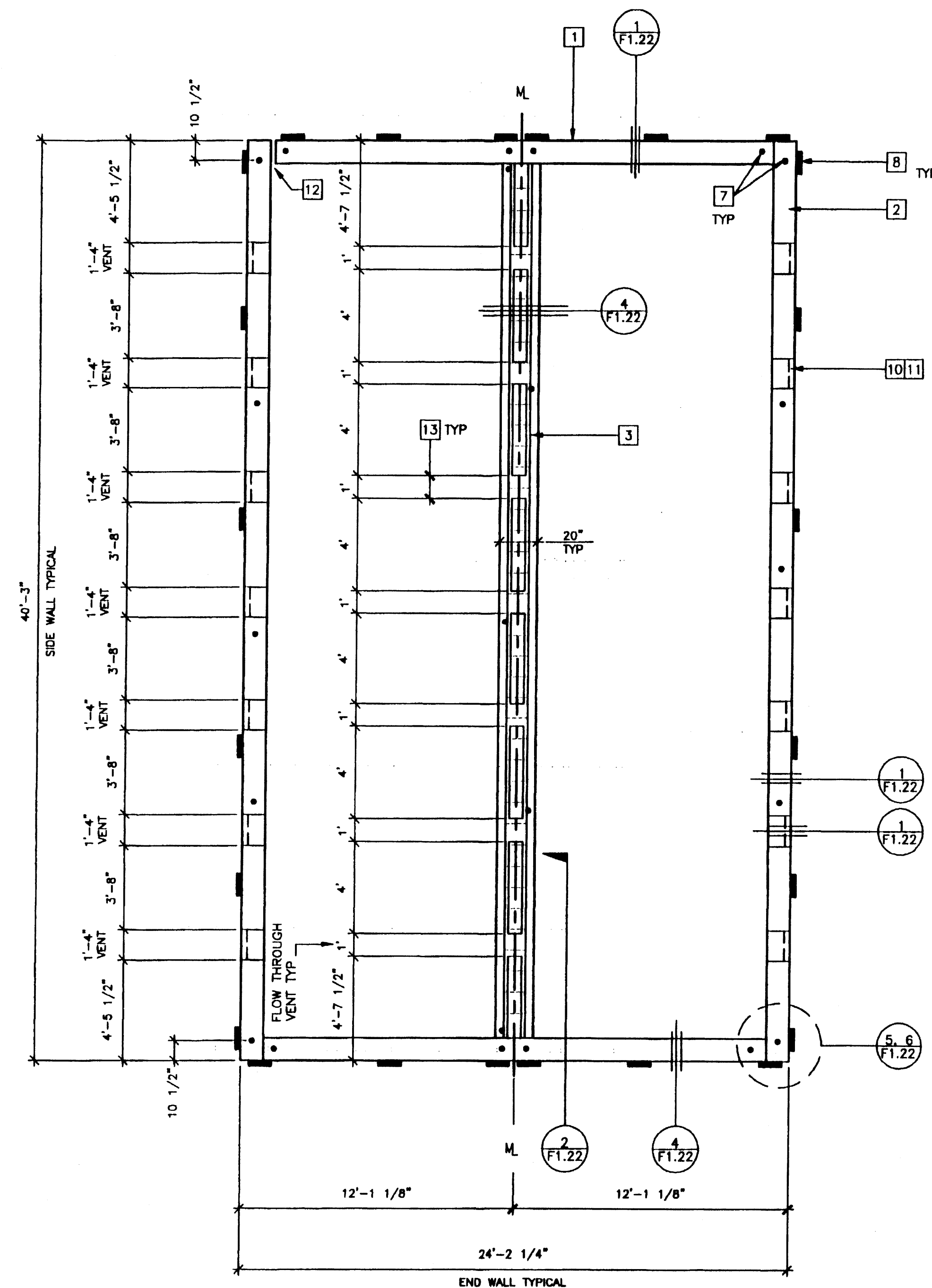
1. SILL RESTRAINT:
ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX 12" PENETRATION BELOW SURFACE VERTICALLY. DRILLED SILL HOLE TO BE 1 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE. TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.
ALTERNATE:
ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS.
2. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
3. A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY. LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN-PLANT INSPECTOR.
4. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
5. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION.

VENT CALCULATIONS

VENTING REQUIRED=24'x40'=960/150=6.4 SF
VENTING PROVIDED=4 1/2"x16"=0.5 SF
14 VENTS x0.50 SF=7.0 SF > 6.4 OK



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

125 PSF L.L.

24'x40'
SCALE: 1/4" = 1'-0"

PC

CBC 1998

REVISED JAN 4 2001

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	9/7/00
2	SP	REVISED NOTE #1	01/03/00
3			
4			
5			

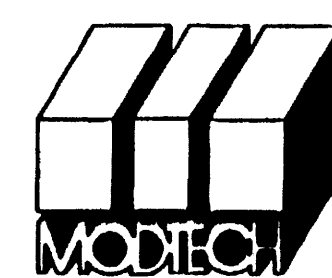
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
GEORGE C. EDWARDS
STATE OF CALIFORNIA
LICENSED ARCHITECT
NO. 104109
DATE SEP 07 1999

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
AC: PLS. / SS: /
DATE SEP 07 1999



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

PROJECT NUMBER: 4134

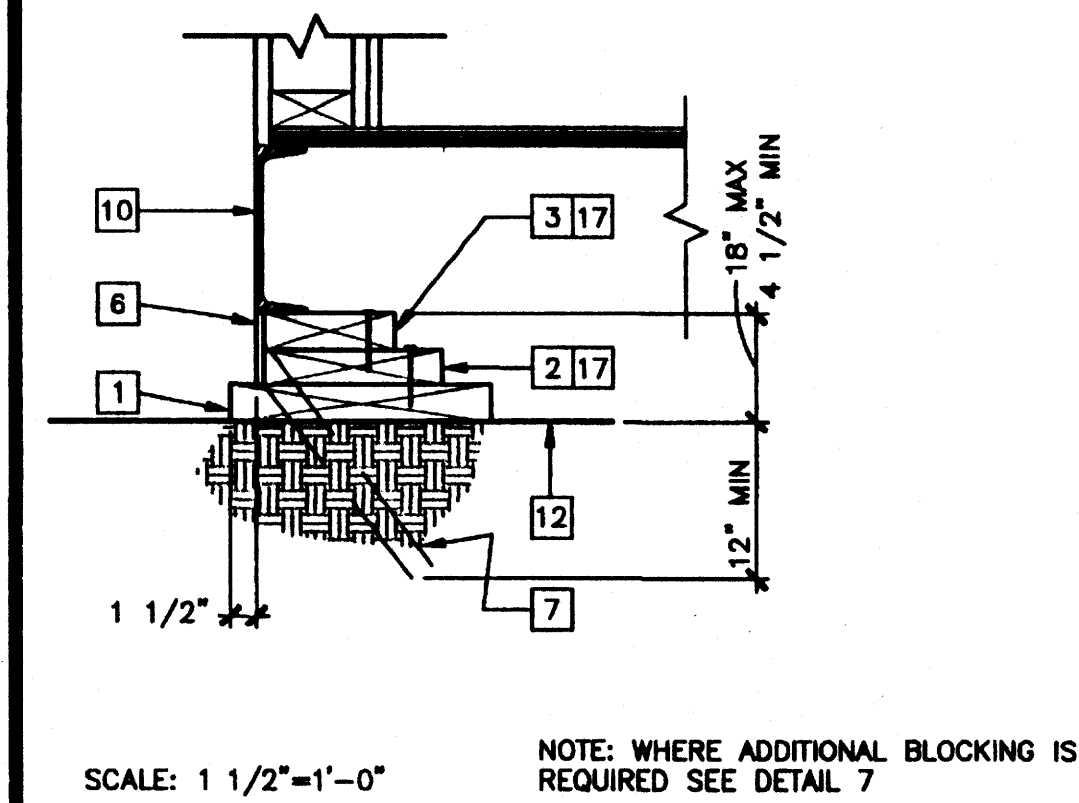
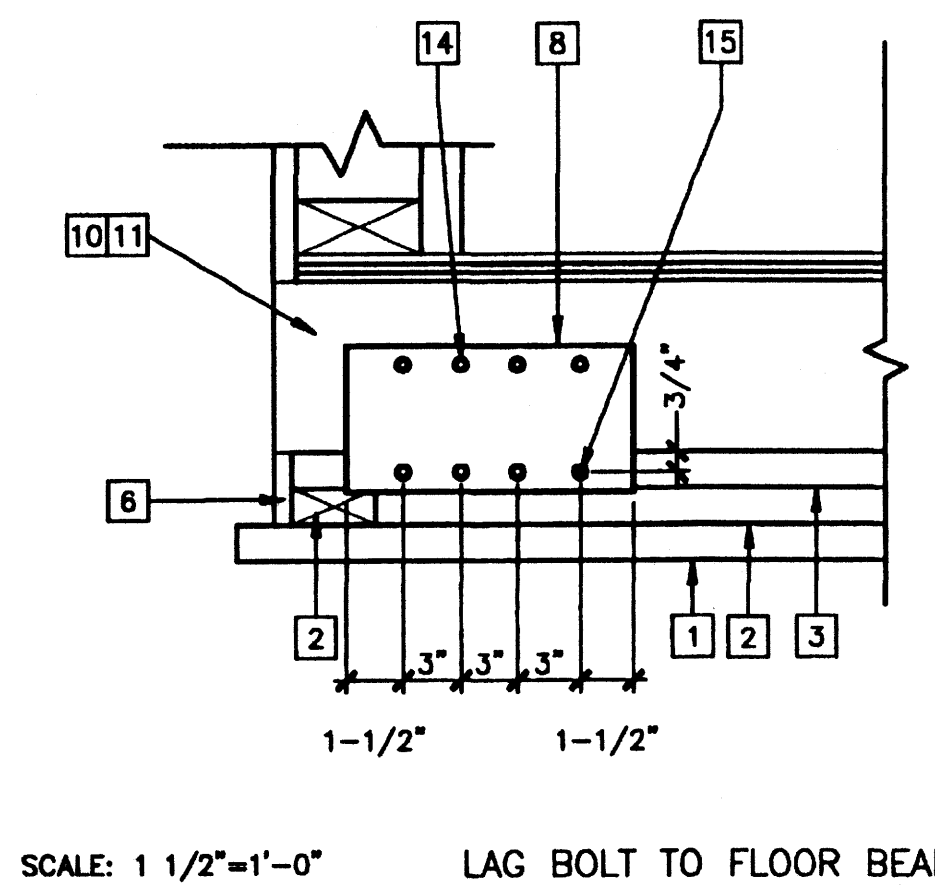
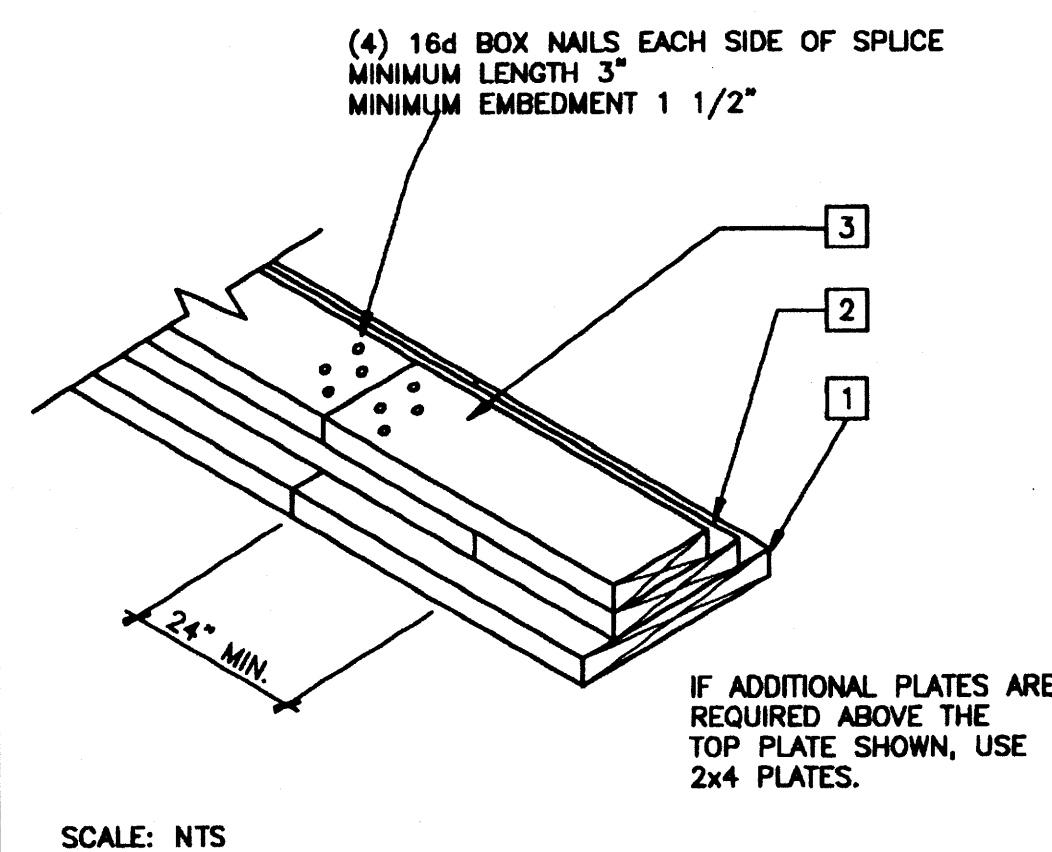
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DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-021
DATE: 04-16-02

MODTECH Index No.

FOUNDATION PLAN 24'x40'/WOOD/125 PSF

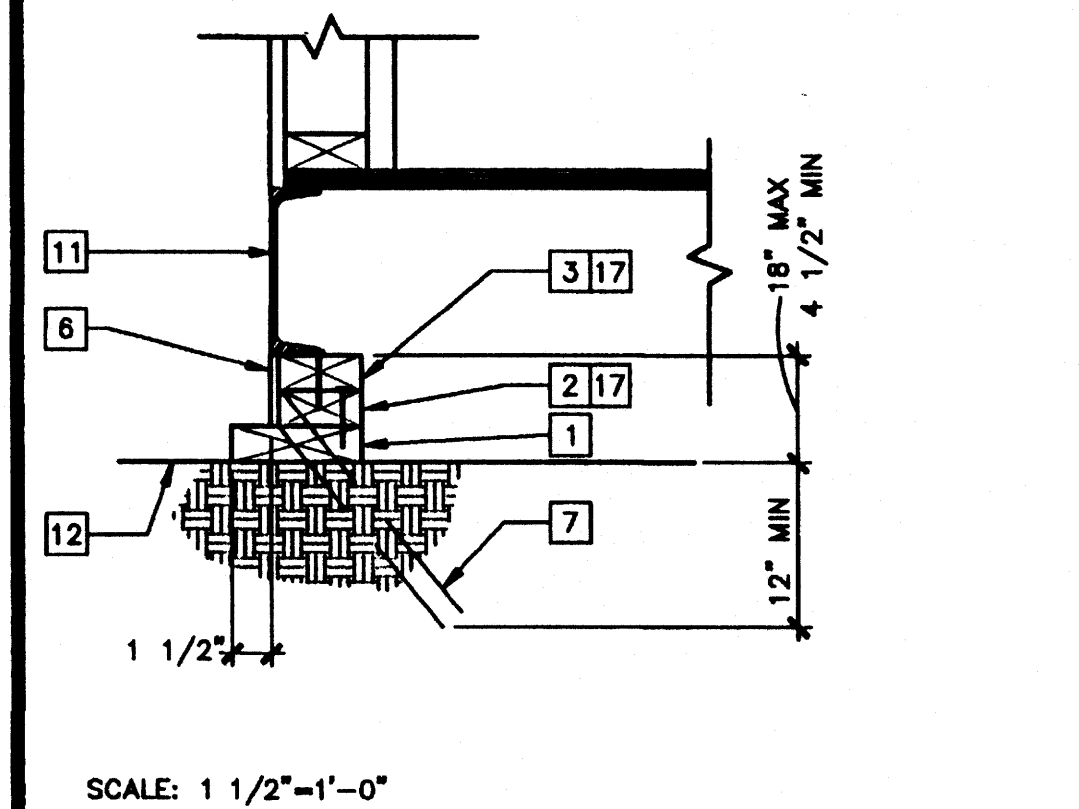
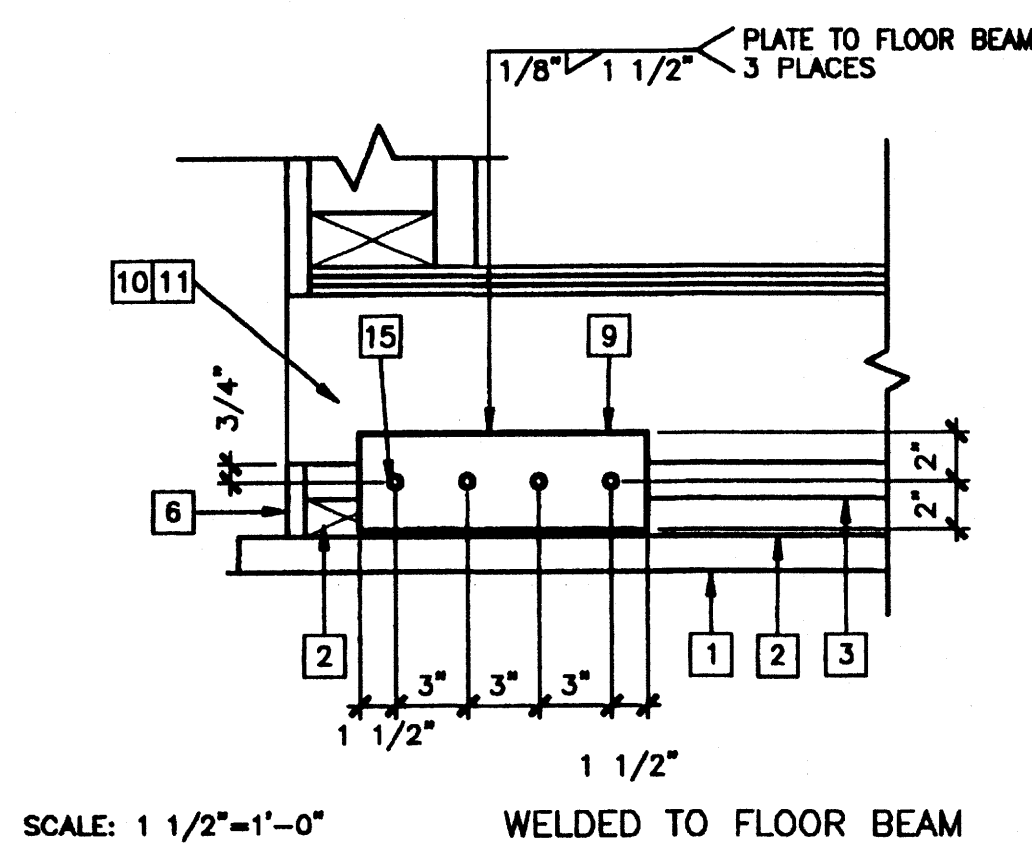
F1.11



FOUNDATION SPLICE

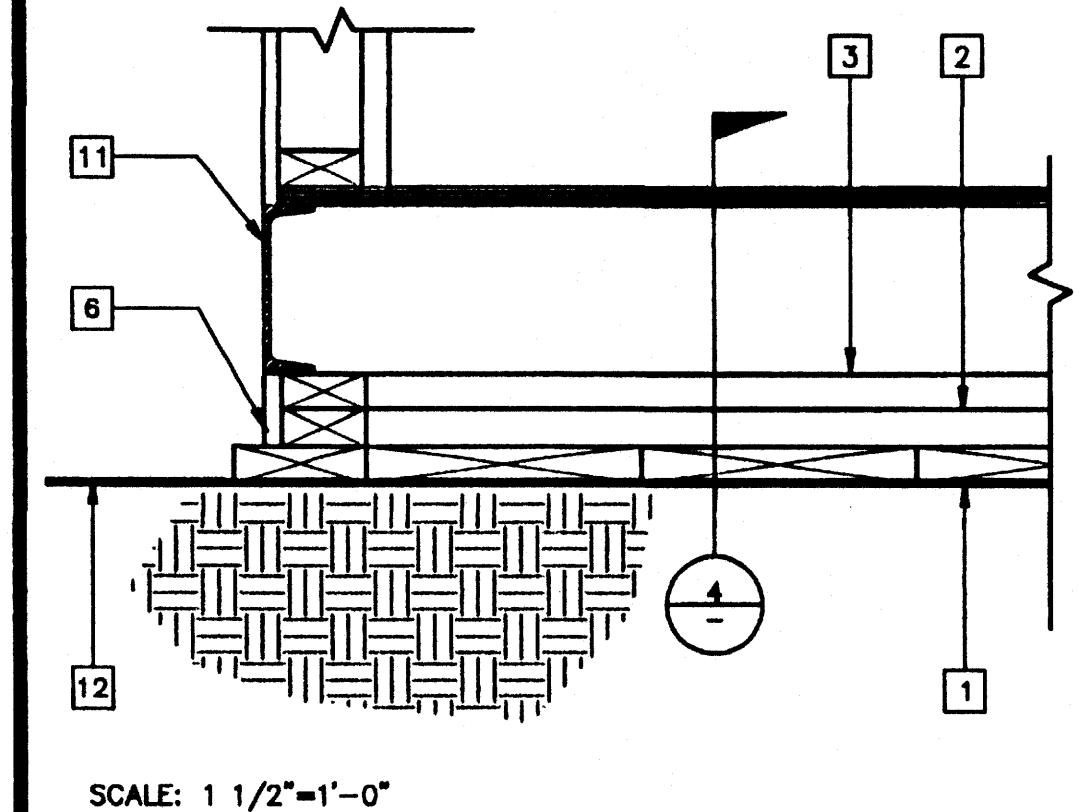
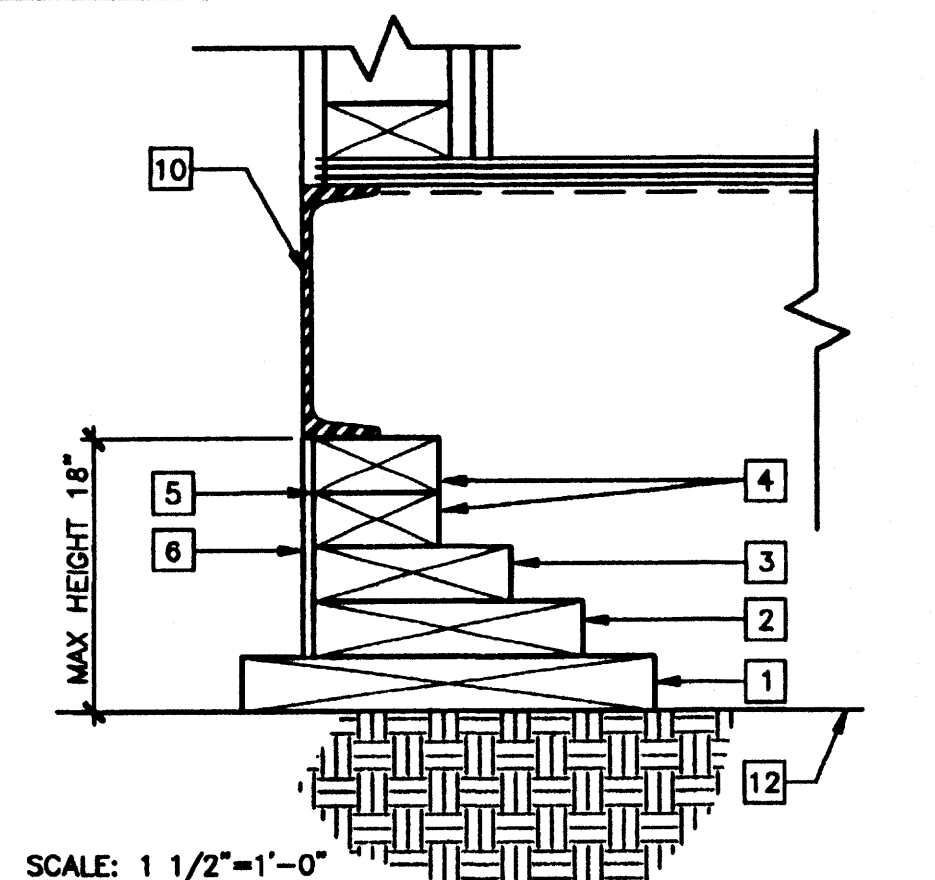
9	TIE PLATE
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5	FOUNDATION AT SIDE WALL	1
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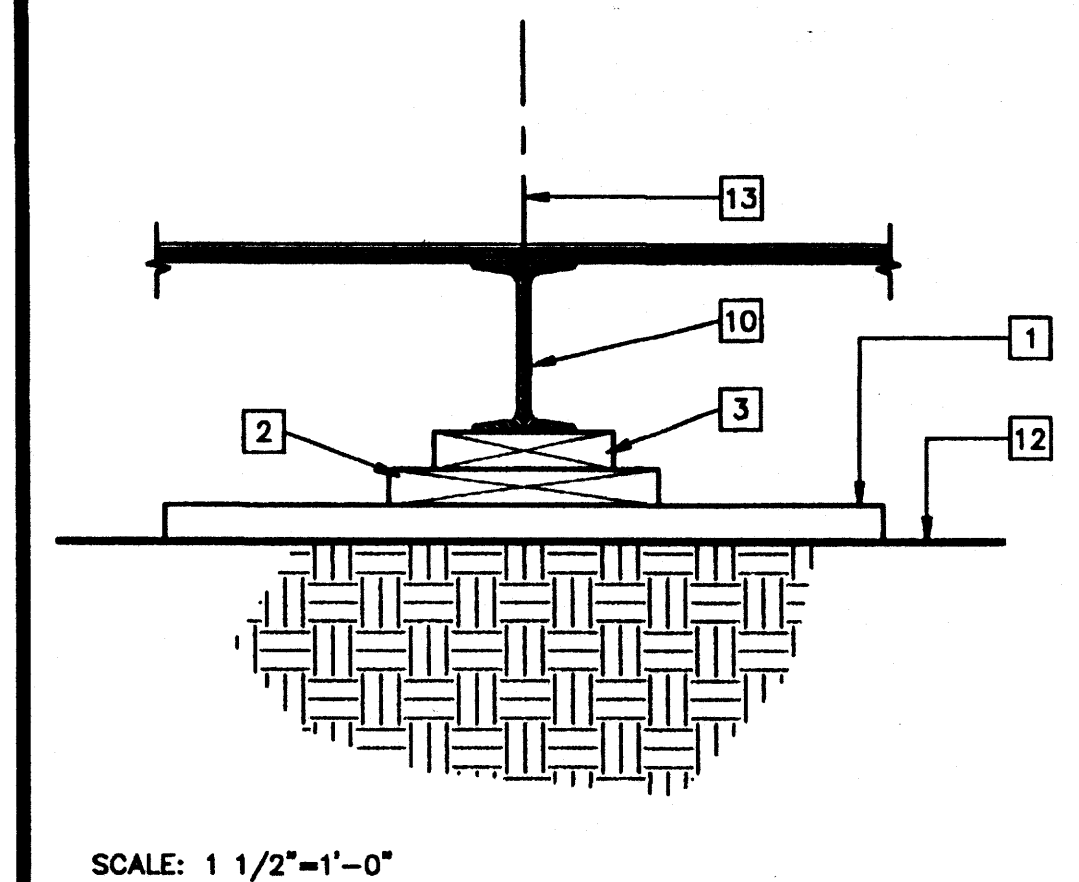
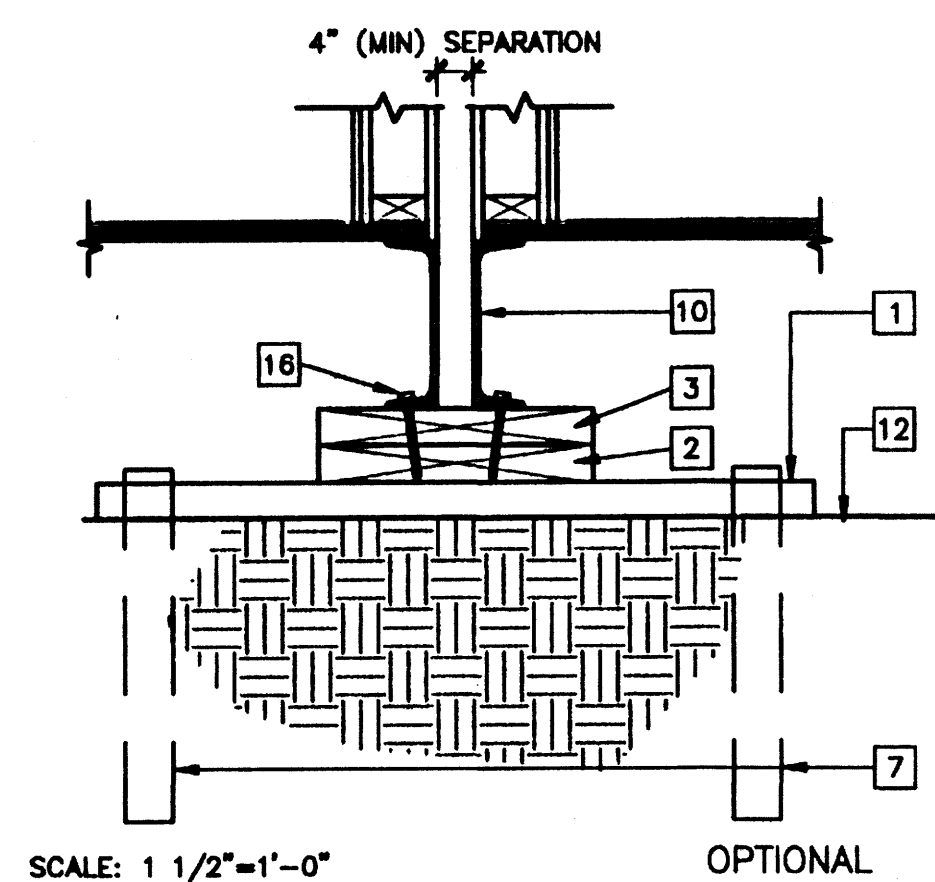
10	TIE PLATE
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6	FOUNDATION AT END WALL	2
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ADDITIONAL BLOCKING

7	FOUNDATION AT MODLINE	3
---	-----------------------	---



FOUNDATION AT ADJACENT BUILDING

8	FOUNDATION AT MODLINE	4
---	-----------------------	---

- 1 SILL PLATE - SEE FOUNDATION PLATE SCHEDULE.
- 2 BLOCKING PLATE - SEE FOUNDATION PLATE SCHEDULE, ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
- 3 TOP PLATE - SEE FOUNDATION PLATE SCHEDULE, ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
- 4 ADDITIONAL 2"x4" BLOCKING AS NECESSARY FOR LEVELING
- 5 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE
- 6 SKIRTING-3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
- 7 SILL RESTRAINT - SEE NOTE 1
- 8 TIE PLATE 6"x12"x10 GA
- 9 TIE PLATE 4"x12"x10 GA
- 10 FLOOR BEAM
- 11 FLOOR HEADER
- 12 FINISH GRADE
- 13 MODLINE
- 14 1/4" DIA STS TYPICAL 4 PLACES
- 15 1/4" DIAx3" LONG LAG SCREW TYPICAL 4 PLACES
- 16 5/8" DIAx4" LAGS (FOR LOCATION SEE PLAN)
- 17 REMOVE AT VENT LOCATIONS

PC
CBC 1998

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Sec

Mechanical Engineer's Seal

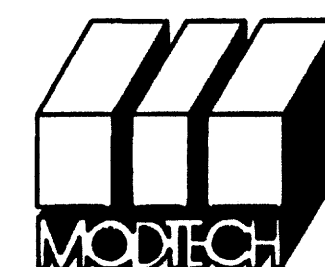
Structural Engineer's Seal

Architects See

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OFFICE OF REGULATION SERVICE

PC-04
101268

AC FILED SS 6
DATE SEP 07 1995



MODTECH INC.
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PROJECT NUMBER: 4134, 4153, 4173, 4207 © MODTECH, INC. 2001
4203, 4215
4250, 4284, 4302, 4350
4304, 4347, 4373, 4422
4506

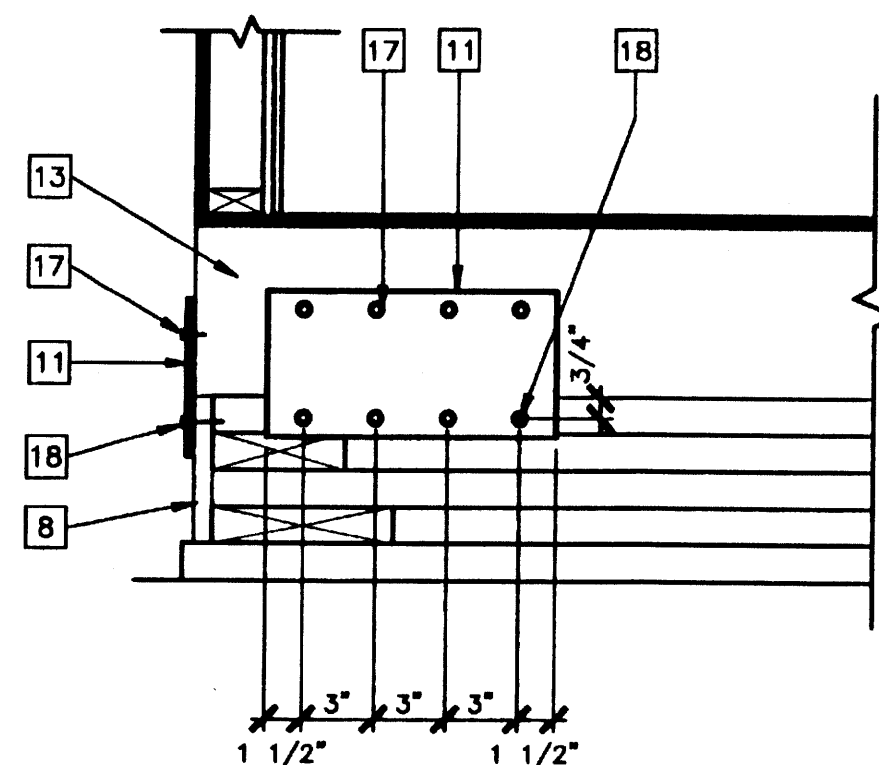
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MOOTECH Index No.

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

F1.21

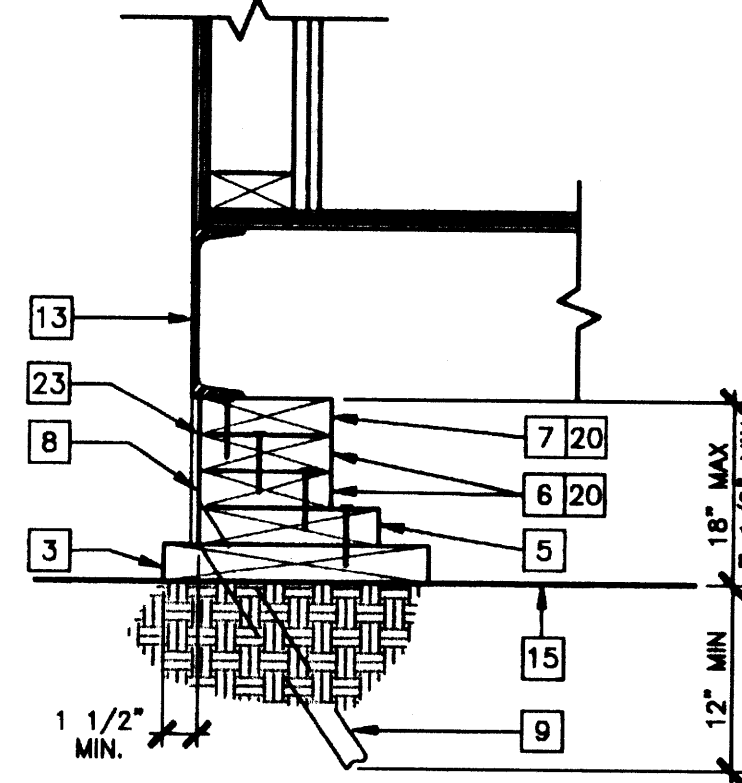
KEY NOTES

- 2"x12"x24" SILL PLATE
- 2"x12"x20" SILL PLATE
- 2"x12" CONTINUOUS SILL PLATE
- 2"x12" CONTINUOUS BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
- 2"x8" BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
- 2"x6" BLOCKING PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
- 2"x6" TOP PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
- SKIRTING - 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
- SILL RESTRAINT - SEE NOTE 1
- FLOW THROUGH VENT
- TIE PLATE 6"x12"x10 GA
- TIE PLATE 4"x12"x10 GA
- FLOOR BEAM
- NOT USED
- FINISH GRADE
- MODLINE
- 1/4" DIA STS TYPICAL 4-PLACES
- 1/4" DIAx3" LONG LAG SCREW TYPICAL 4-PLACES
- 5/8" DIAx4" LAGS
- REMOVE AT VENT LOCATIONS
- DOOR
- ALUMINUM THRESHOLD
- LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE



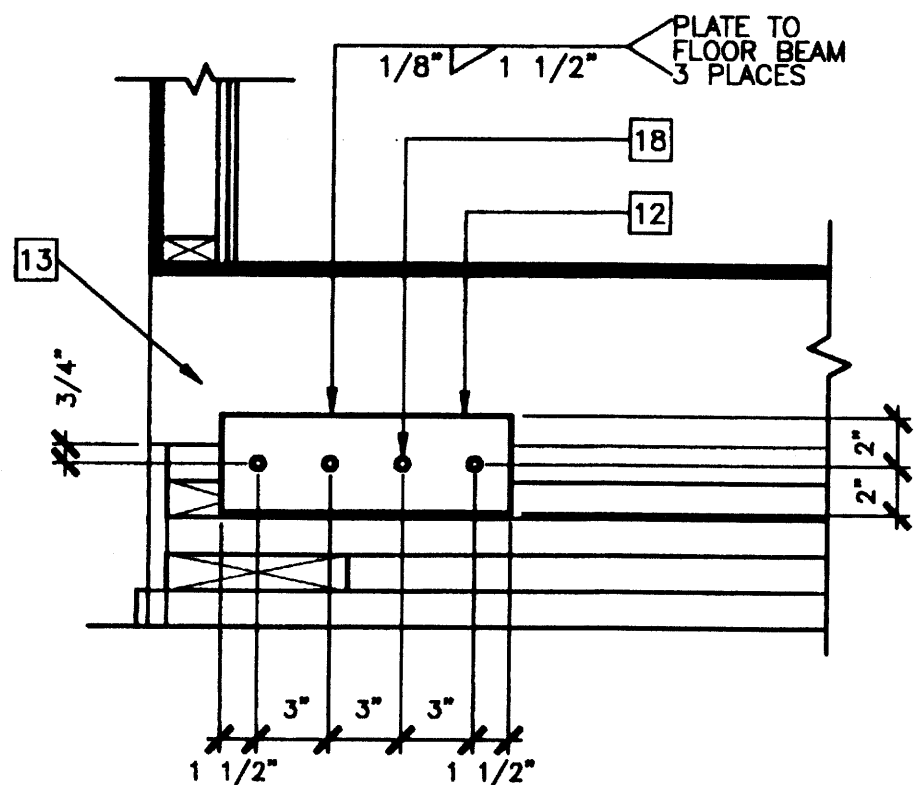
SCALE: 1 1/2"=1'-0" LAG BOLT TO FLOOR BEAM

9 TIE PLATE



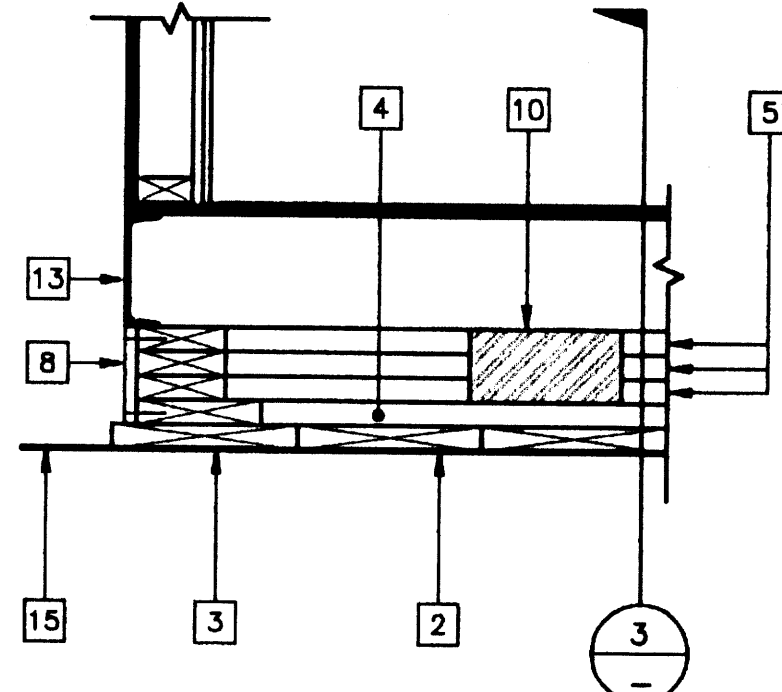
SCALE: 1 1/2"=1'-0"

5 FOUNDATION TYPICAL



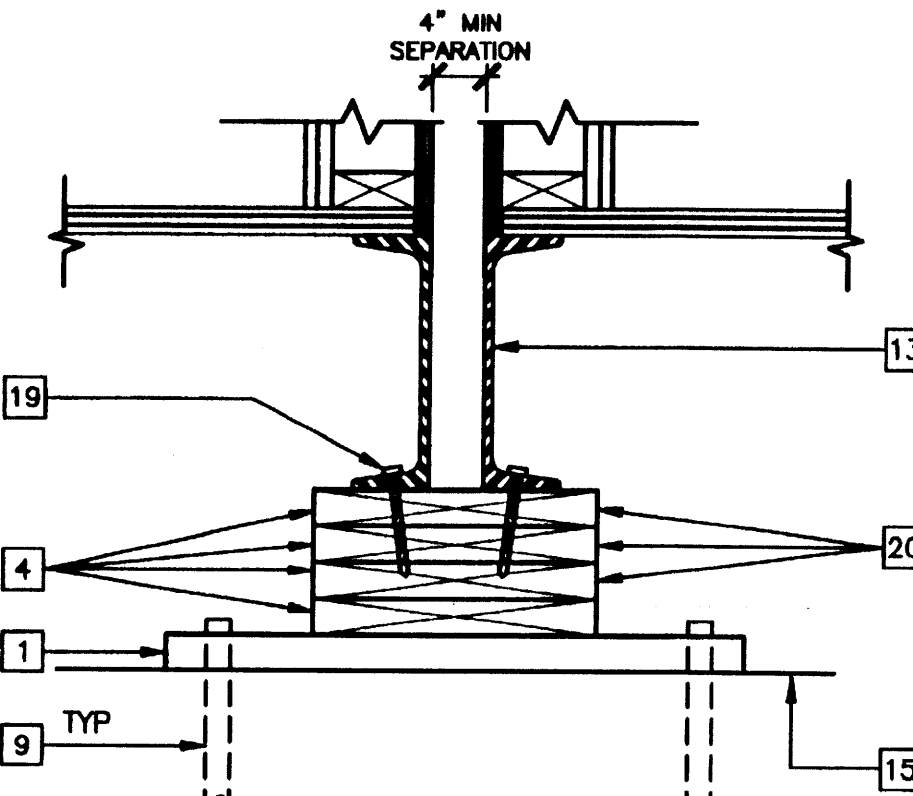
SCALE: 1 1/2"=1'-0" WELDED TO FLOOR BEAM

9 TIE PLATE (ALTERNATE)



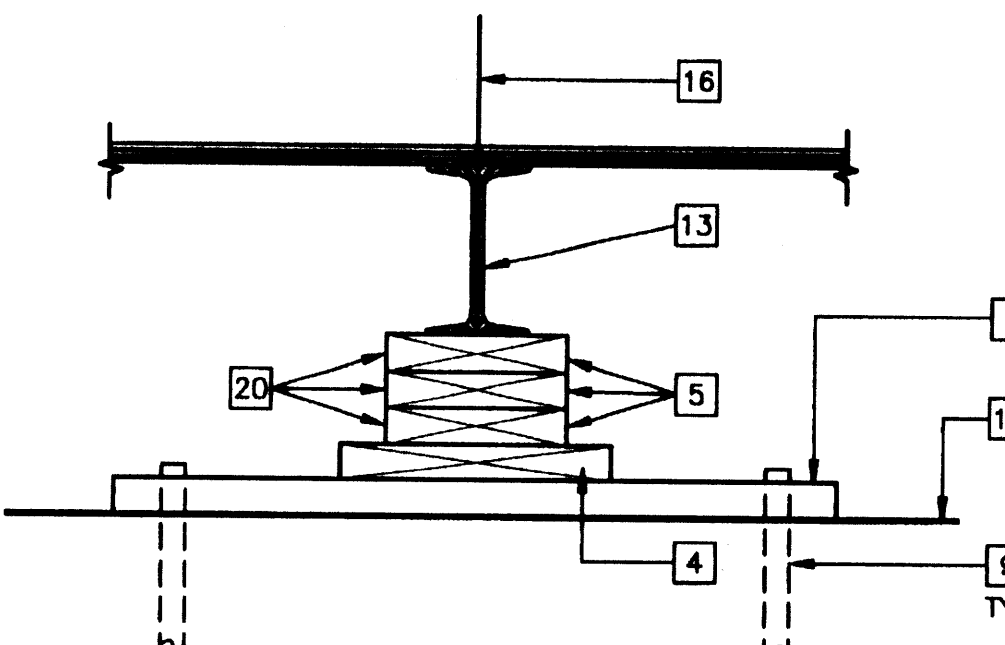
SCALE: 1"=1'-0"

1 MODLINE PAD AT END WALL



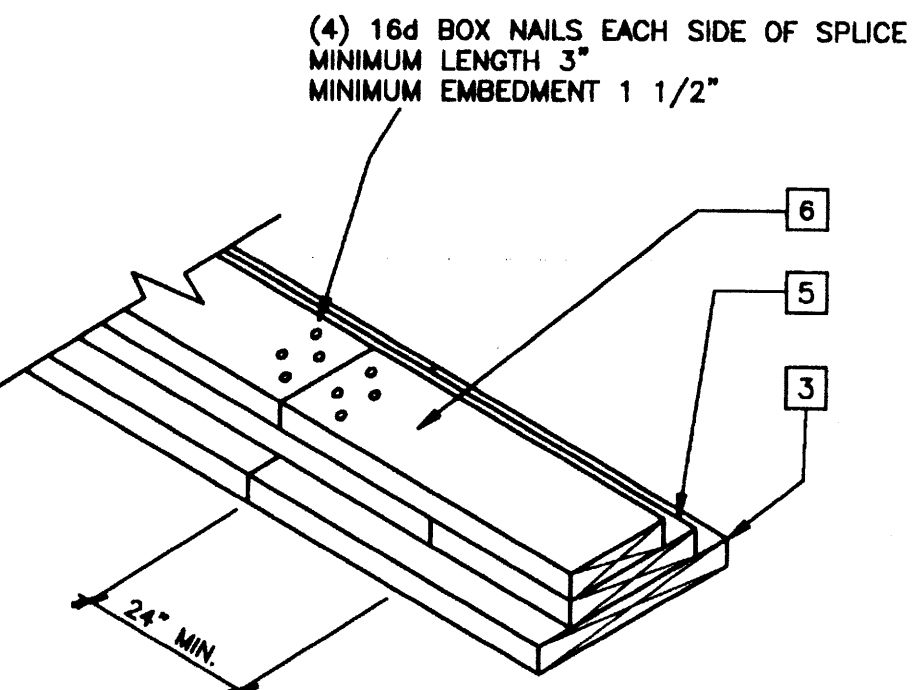
SCALE: 1 1/2"=1'-0" OPTIONAL

6 TIE PLATE (OPTIONAL)



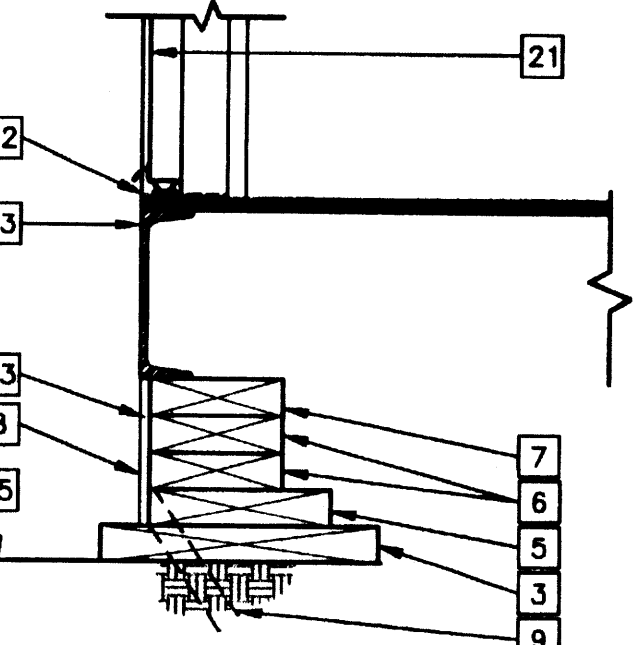
SCALE: 1 1/2"=1'-0"

2 MODLINE PAD AT END WALL



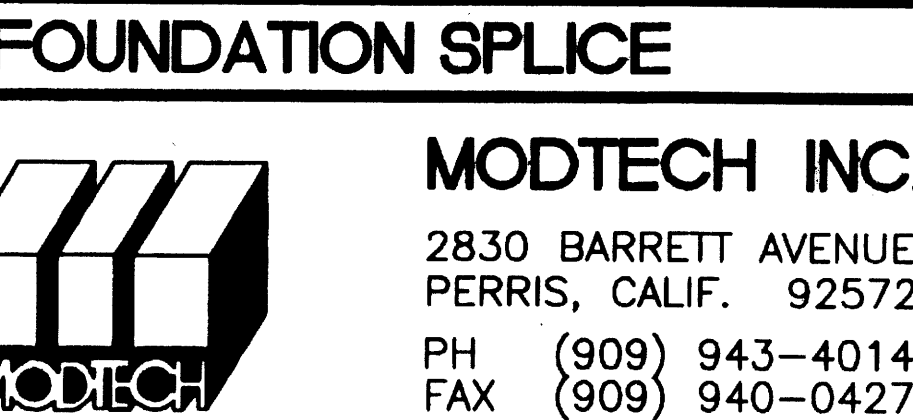
SCALE: NTS

7 FOUNDATION AT ADJACENT BUILDING



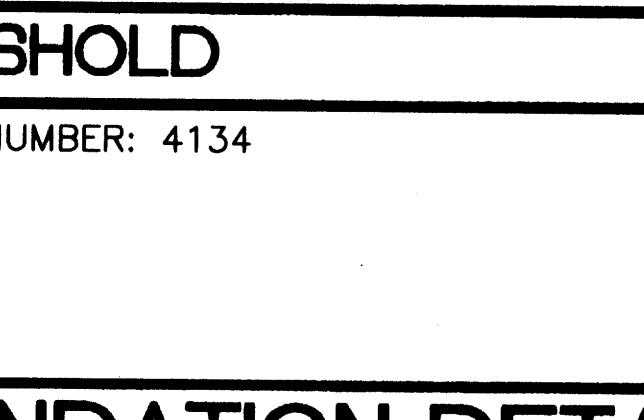
SCALE: 1 1/2"=1'-0"

3 FOUNDATION AT MODLINE



SCALE: NTS

8 FOUNDATION SPLICE



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

4 THRESHOLD

REVISIONS		
1		
2		
3		
4		
5		

Electrical Engineer's Seal

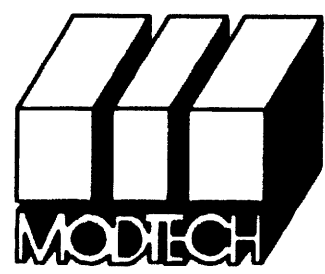
Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

PC
CBC 1998

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



MODTECH INC.
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PERRIS, CALIF. 92572
PH (909) 943-4014
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PROJECT NUMBER: 4134

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

FOUNDATION DETAILS

WOOD/125 PSF

MODTECH Index No.
F1.22

STKP-62

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	12"	12"	SEE SHEET F2.02	SEE SHEET F2.02
ENDWALL	17"/18"	19"	SEE SHEET F2.02	SEE SHEET F2.02
PAD	3'-4"/3'-5"	4'-0"/3'-10"	SEE SHEET F2.02	SEE SHEET F2.02
PAD AT 4" SEPARATION	3'-9"/3'-8"	4'-3"/4'-1"	SEE SHEET F2.02	SEE SHEET F2.02
STD BLDG	* = VALUE FOR CONCRETE FLOOR			
ADMIN BLDG				

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(4) A	7.00	-	-	7.00
30'x40'	1200	8.0	(6) A	10.5	-	-	10.5
48'x40'	1920	12.8	(6) B	14.00	-	-	14.00
60'x40'	2400	16	(6) B	14.00	(2) C	2.33	16.33
72'x40'	2880	19.2	(6) B	14.00	(4) C (1) D	5.25	19.25
84'x40'	3360	22.4	(6) B	14.00	(7) C (1) D	8.75	22.75
96'x40'	3840	25.6	(6) B	14.00	(10) C	11.66	25.66
108'x40'	4320	28.8	(6) B	14.00	(13) C	15.16	29.16
120'x40'	4800	32	(6) B	14.00	(15) C (1) D	18.07	32.07
132'x40'	5280	35.2	(6) B	14.00	(18) C (1) D	21.57	35.57
144'x40'	5760	38.4	(6) B	14.00	(21) C	24.49	38.49

LEGEND

VENT A 6'x3.5' = 1.75 SF
VENT B 8'x3.5' = 2.33 SF
VENT C 4'x3.5' = 1.166 SF
VENT D 2'x3.5' = 0.583 SF

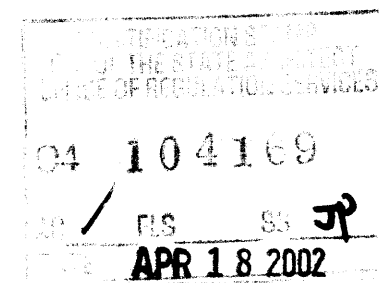
NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

KEY NOTES

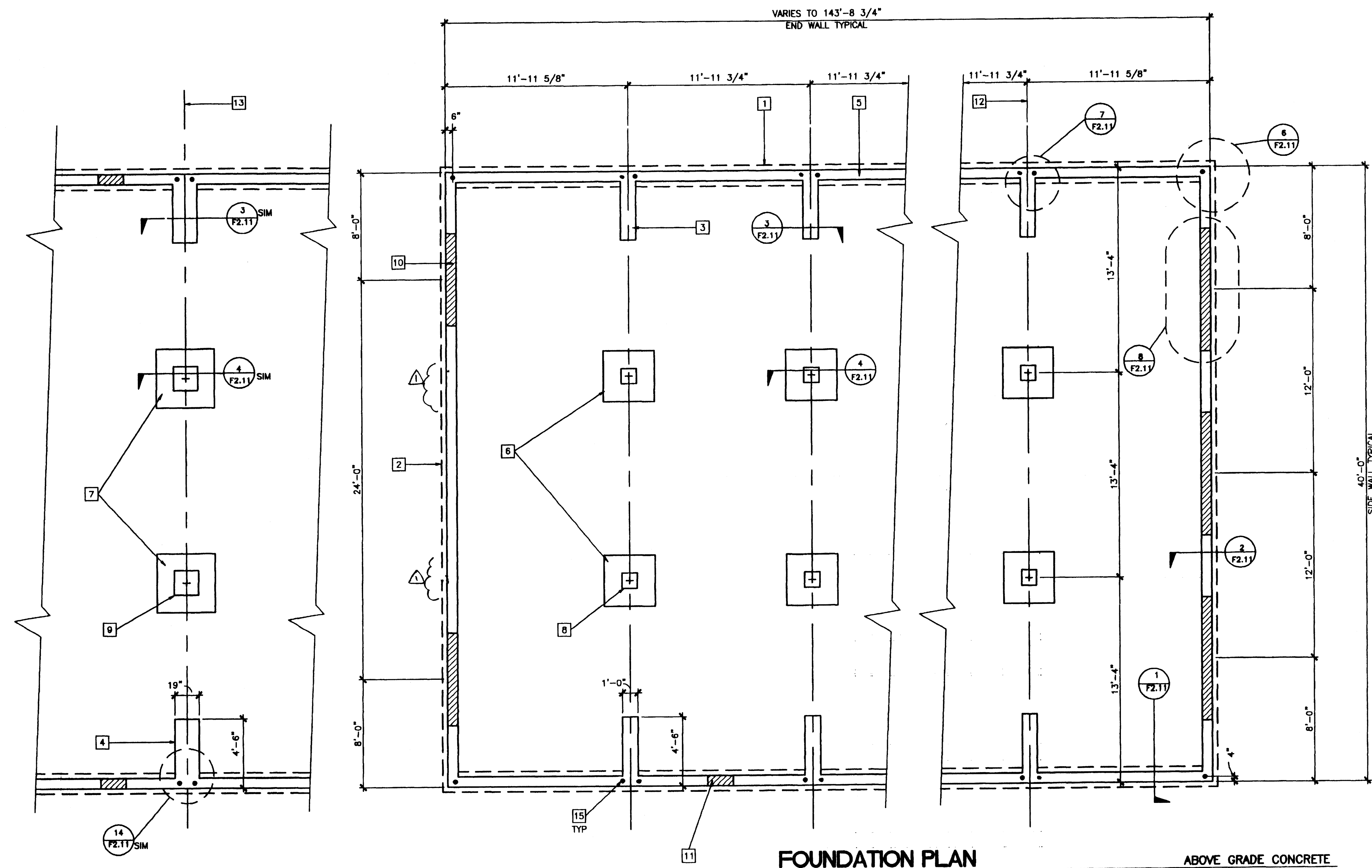
- 1 END WALL FOOTING - SEE FOOTING SCHEDULE
- 2 SIDE WALL FOOTING - SEE FOOTING SCHEDULE
- 3 INTERIOR RETURN FOOTING - SEE FOOTING SCHEDULE
- 4 MODLINE RETURN AT 4" SEPARATION - OPTIONAL
- 5 STEM WALL - 8" TYPICAL UON
- 6 MODLINE PAD
- 7 MODLINE PAD AT 4" SEPARATION - OPTIONAL
- 8 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- 9 18" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- 10 TYPICAL VENT
- 11 ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
- 12 MODLINE
- 13 4" BUILDING SEPARATION AT ADJACENT BUILDINGS - OPTIONAL
- 14 NOT USED
- 15 ANCHOR BOLT LOCATION - (1) AT EACH CORNER OF BUILDING AND (2) AT EACH MODLINE LOCATION

NOTES

1. SOIL TYPE AND FOUNDATION
A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. CONCRETE
ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: $f'_c = 3000$ PSI (DESIGN BASED ON $f'_c = 2000$ PSI). CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150, UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
3. REINFORCING STEEL GRADE 40
ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
4. FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
5. THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
MAX VENT LENGTH AT END WALLS IS 4'-0"
MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
MIN DISTANCE BETWEEN VENTS IS 2'-0"



ST&P-62



FOUNDATION PLAN

ABOVE GRADE CONCRETE
SCALE: 1/4" = 1'-0"

PC
CBC 1998

REVISED OCT 25 2011
REVISED OCT 19 2011

REVISIONS	DATE	DESCRIPTION	BY
1	10/10/01	MODTECH FIX	FYH
2	10/10/01	ADD DELETE VENT NOTE	FYH
3			
4			
5			

Electrical Engineer's Seal

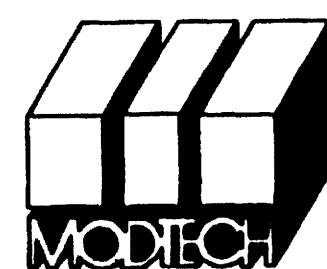
Mechanical Engineer's Seal

Structural Engineer's Seal

Architect

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DATE SEP 07 1999



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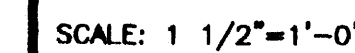
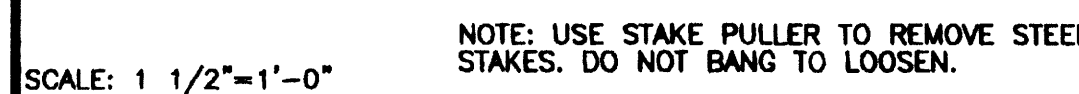
PROJECT NUMBER: 4134

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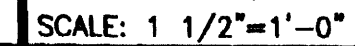
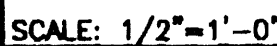
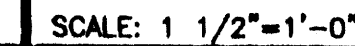
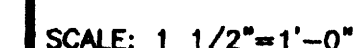
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02

FOUNDATION PLAN AGC - 50, 50+20 PSF

F2.01



- 1 END WALL FOOTING - SEE FOOTING SCHEDULE
- 2 SIDE WALL FOOTING - SEE FOOTING SCHEDULE
- 3 MODLINE RETURN
- 4 SLEEVE DIAMETER 2" LARGER THAN PIPE DIAMETER
- 5 STEM WALL
- 6 FOOTING: FOR PIPES IN THIS AREA LOWER FOOTING SO PIPES PASS THROUGH STEM WALL
- 7 PIPE THROUGH STEM WALL
- 8 MODLINE
- 9 CONCRETE PEDESTAL - 12" MINIMUM AT INTERIOR PAD, 19" MINIMUM AT 4" SEPARATION (OPTIONAL)
- 10 STARTER WALL AFTER SET. CLEAN TO REMOVE LAITANCE AND SCUM
- 11 CUT BACK SPALL
- 12 CONTINUOUS CLEAN-OUT. STAKES NOT PERMITTED WITHIN FOOTING AREA
- 13 MINIMUM FORMWORK (UNLESS FULLY FORMED)
- 14 2x PLANKING
- 15 CONCRETE INTERIOR PAD FOOTING - SEE FOUNDATION PLAN FOR SIZES
- 16 3" DIAx6" DEEP CANOUT IN FOUNDATION (BY CONCRETE SUBCONTRACTOR)
- 17 OPTION 1: 12 GA GALVANIZED EXPANDED DIAMOND MESH. IMBED 1 1/2" INTO WET CONCRETE AT 2 SIDES AND BOTTOM
OPTION 2: 3/16"x1 1/2"x1 1/2" GALVANIZED ANGLE FROM WITH 12 GA GALVANIZED EXPANDED DIAMOND MESH WELDED TO END OF INTERIOR ANGLE LEG. ANCHOR WITH 3 FASTENERS AT BOTTOM INTO CONCRETE AND 3 FASTENERS AT TOP INTO FLOOR CHANNEL.
- 18 ANCHOR PLATE
- 19 #5 STEEL  . 2 AT TOP AND 8" OC
- 20 #5 STEEL REINFORCING BARS CONTINUOUS
- 21 FINISH GRADE LINE
- 22 3/4" ANCHOR BOLT A307 WITH 5" EMBEDMENT OR 3/4" DIA THREADED ROD A36 WITH 5" EMBEDMENT
- 23 FLOOR HEADER
- 24 FLOOR BEAM
- 25 NEAT CUT TRENCH
- 26 #3 VERTICAL AT 24" OC FOR BUILDINGS 60'x40' AND GREATER ONLY
- 27 (4) #5xL VERTS
- 28 4" BUILDING SEPARATION - ADJACENT BUILDINGS - OPTIONAL
- 29 BUILDING LINE
- 30 (4) #5'S EACH WAY AT BOTTOM



MODTECH, INC. 2001 ABOVE GRADE CONCRETE	DRAWN BY: M. ANDERSEN DATE: APR 15 2002
	CHECKED BY: 4012-121 DATE: 04-16-02 MODTECH Index No. F211

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	12"	12"	SEE SHEET F3.02	SEE SHEET F3.02
ENDWALL	17"/18"	19"		
PAD	3'-4"/3'-5"	4'-0"/3'-10"		
PAD AT 4" SEPARATION	3'-9"/3'-9"	4'-3"/4'-1"		
STD BLDG	* = VALUE FOR CONCRETE FLOOR			
ADMIN BLDG				

VENTING SCHEDULE

BUILDING	(SF) VENTING AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(5) A	7.8	-	-	7.8
30'x40'	1440	9.6	(4) B	9.6	-	-	9.6
48'x40'	1920	12.8	(6) B	14.4	-	-	14.4
60'x40'	2400	16	(4) C (2) B	12.92 4.8	-	-	17.7
72'x40'	2880	19.2	(6) C	19.38	-	-	19.4
84'x40'	3360	22.4	(6) C	19.38	(2) A (1) D	3.65	23.03
96'x40'	3840	25.6	(6) C	19.38	(4) A (1) D	6.6	25.9
108'x40'	4320	28.8	(6) C	19.38	(6) A (1) D	9.5	28.9
120'x40'	4800	32	(6) C	19.38	(9) A	31.1	32.52
132'x40'	5280	35.2	(6) C	19.38	(11) A	16.1	35.5
144'x40'	5760	38.4	(6) C	19.38	(13) A (1) D	24.49	39.08

LEGEND	VENT	SIZE	AREA (SF)	GRATE SIZE
	A	3'-9"x5"	1.56	4"x8"
	B	5'-9"x5"	2.40	6"x8"
	C	7'-9"x5"	3.23	8"x8"
	D	1'-9"x5"	0.73	2"x8"
ACCESS (OPTIONAL)	E	2'-9"x18"	4.13	3'x2'

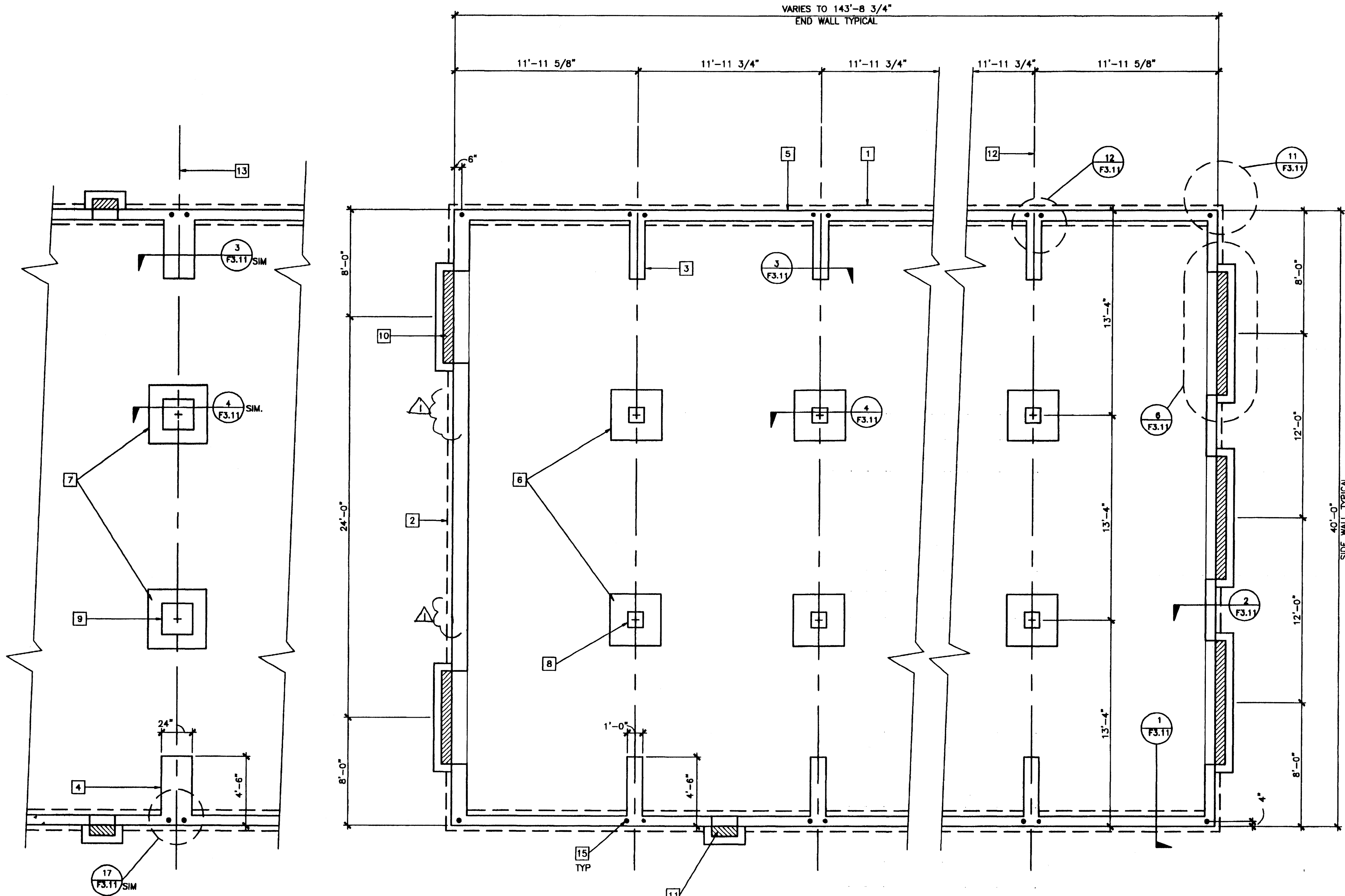
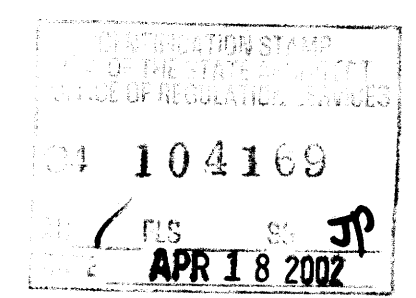
NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

KEY NOTES

- END WALL FOOTING - SEE FOOTING SCHEDULE
- SIDE WALL FOOTING - SEE FOOTING SCHEDULE
- INTERIOR RETURN FOOTING - SEE FOOTING SCHEDULE
- MODLINE RETURN AT 4" SEPARATION - OPTIONAL
- STEM WALL - 8" TYPICAL UON
- MODLINE PAD
- MODLINE PAD AT 4" SEPARATION - OPTIONAL
- 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- 19" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- TYPICAL VENT
- ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
- MODLINE
- 4" BUILDING SEPARATION AT ADJACENT BUILDING - OPTIONAL
- NOT USED
- ANCHOR BOLT LOCATION - (1) AT EACH CORNER OF BUILDING AND (2) AT EACH MODLINE LOCATION

NOTES

- SOIL TYPE AND FOUNDATION**
A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
- CONCRETE**
ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: $f'_c = 3000$ PSI (DESIGN BASED ON $f'_c = 2000$ PSI). CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150. UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
- REINFORCING STEEL GRADE 40.**
ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
- FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
- THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
MAX VENT LENGTH AT END WALLS IS 4'-0"
MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
MIN DISTANCE BETWEEN VENTS IS 2'-0"



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)

REVISED OCT 2 5 2001
REVISED OCT 1 9 2001
PC
CBC 1998

FOUNDATION PLAN

BELOW GRADE CONCRETE
SCALE: 1/4" = 1'-0"

REVISIONS	DATE	DESCRIPTION	BY
1	10/18/00	MODTECH FIX	
2	1/11/01	ADD DELETE VENT NOTE	KZS/01
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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DATE SEP 11 7 1999

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MODTECH INC.
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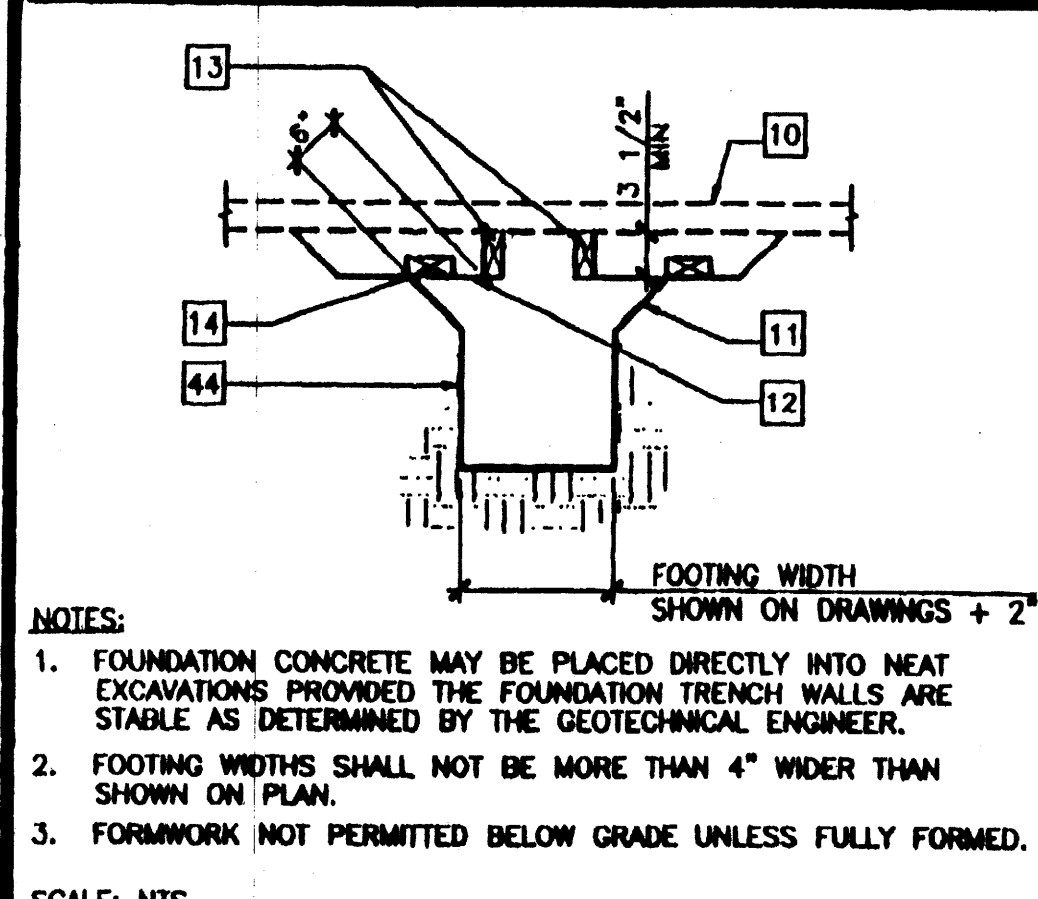
PROJECT NUMBER: 4134

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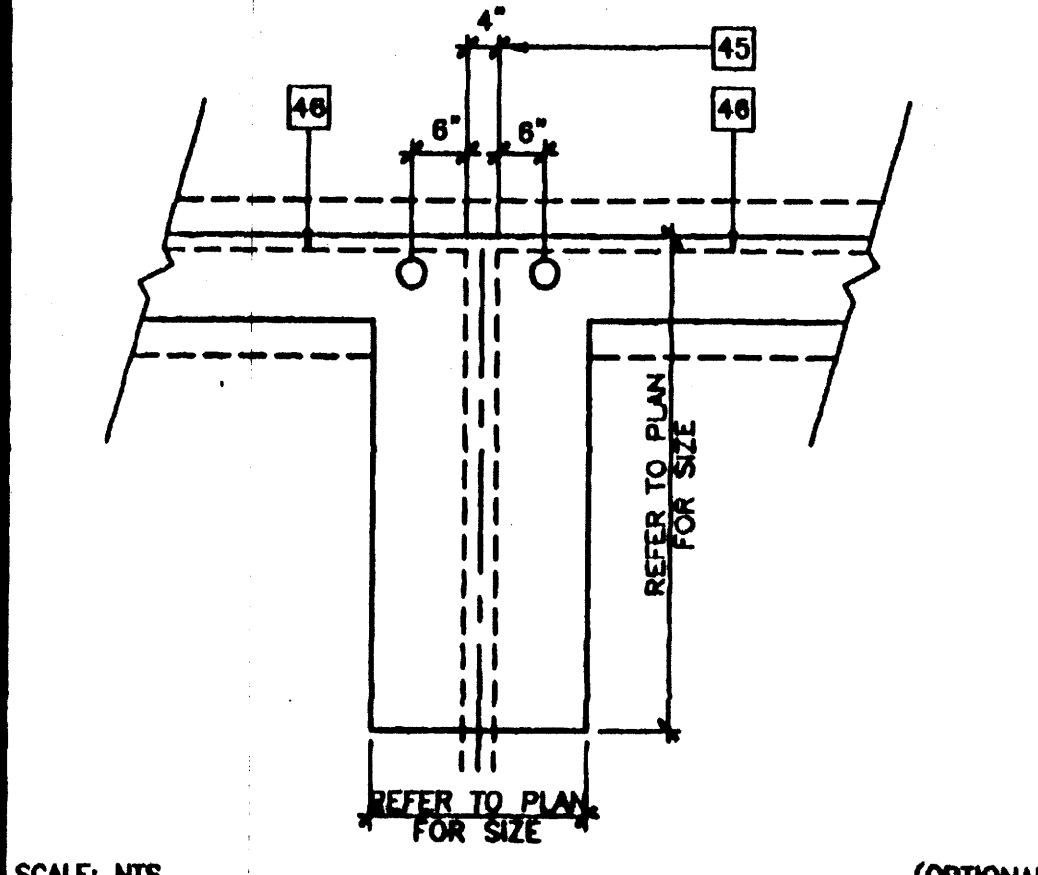
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.

FOUNDATION PLAN BGC - 50, 50+20 PSF

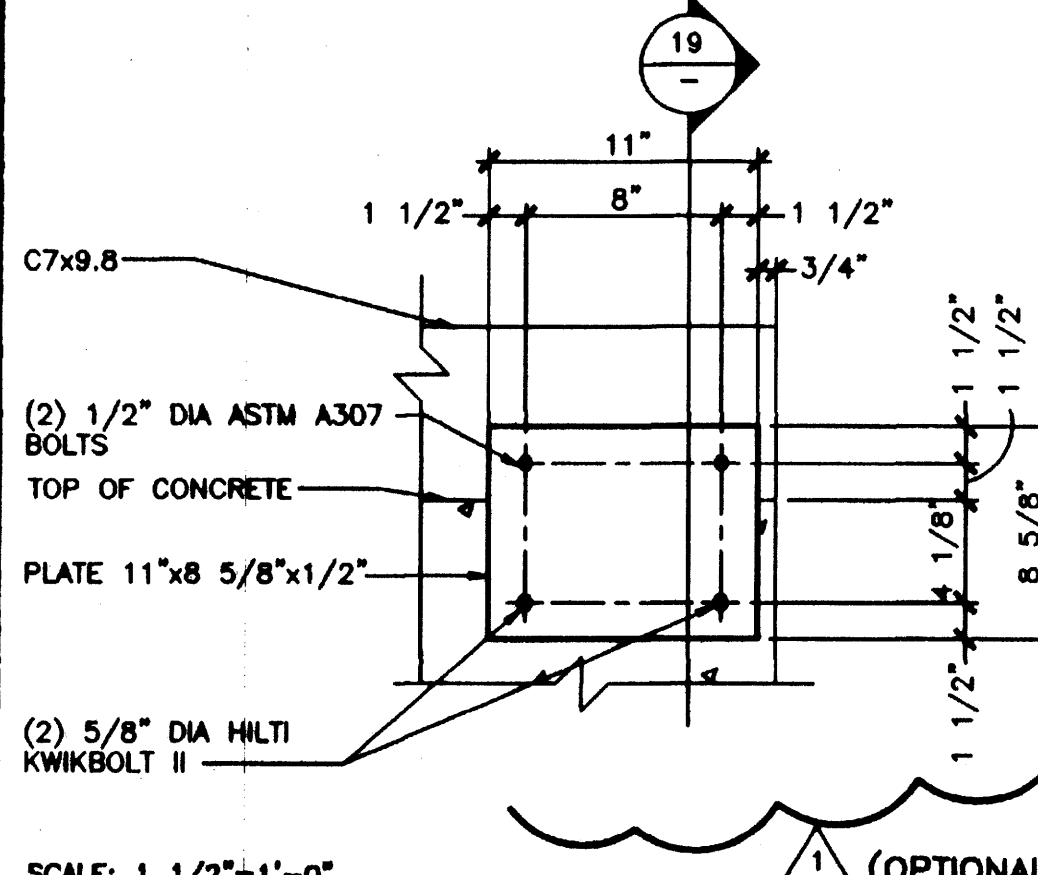
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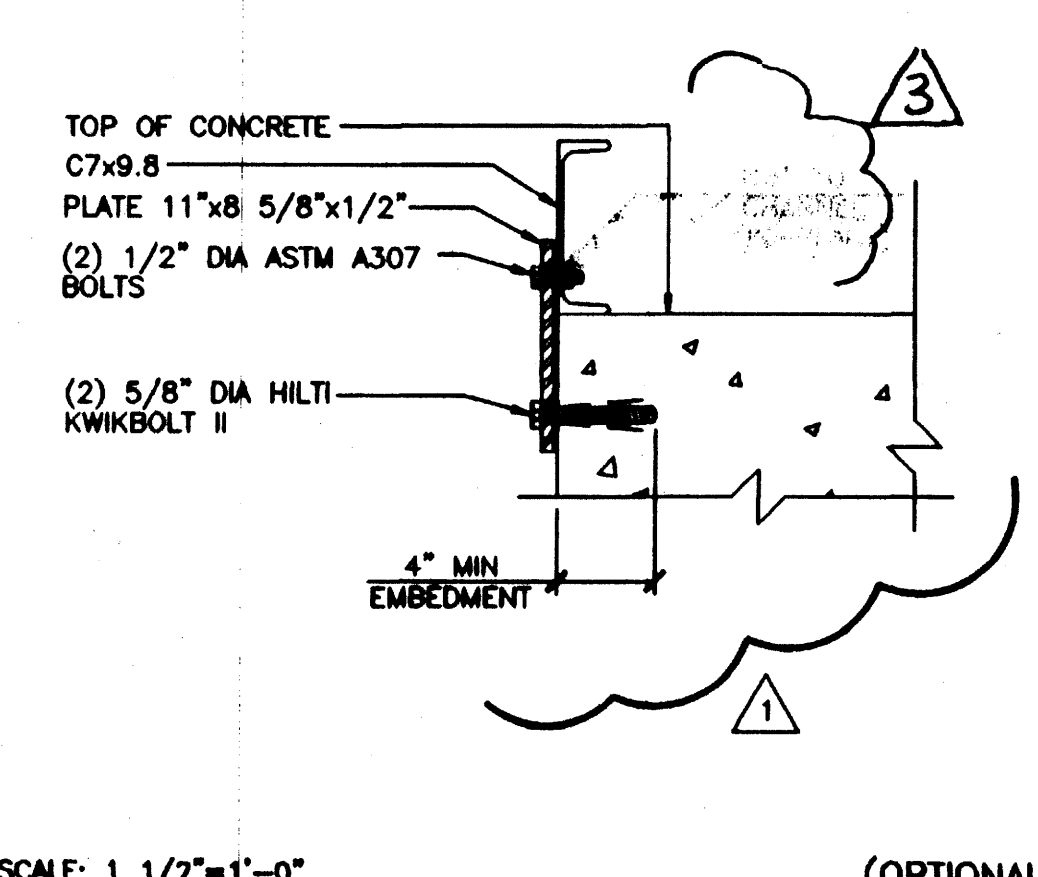
FOOTING FORMS - PERMANENT



ANCHOR BOLT AT ADJACENT BUILDING

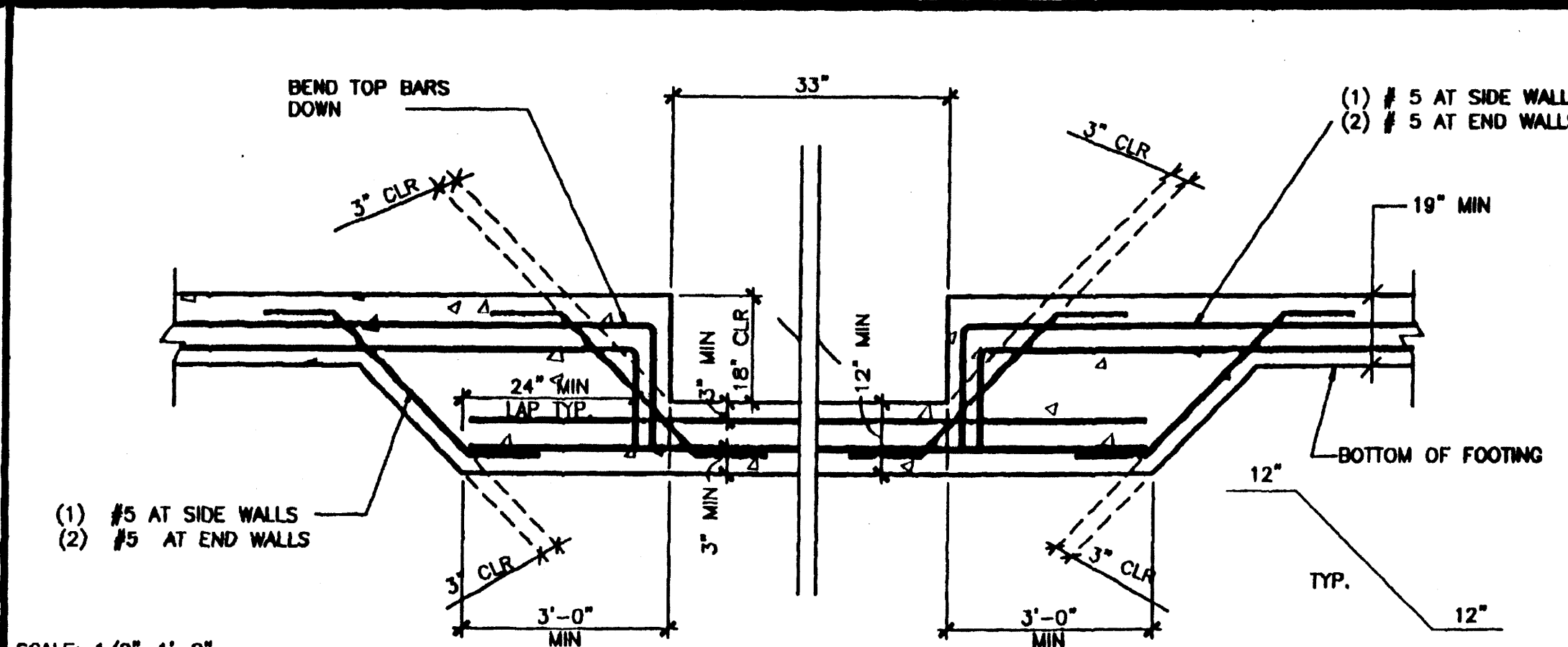


ALTERNATE FOUNDATION ANCHORAGE

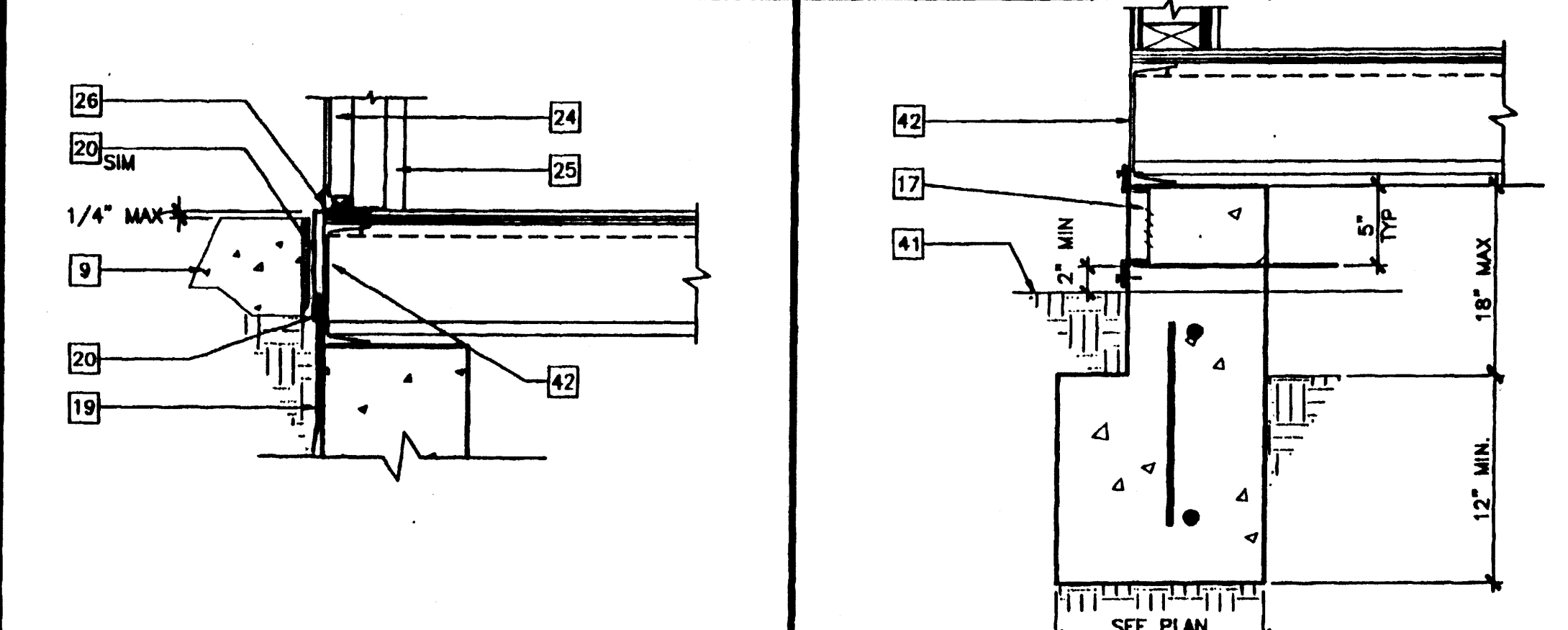


ALTERNATE FOUNDATION ANCHORAGE

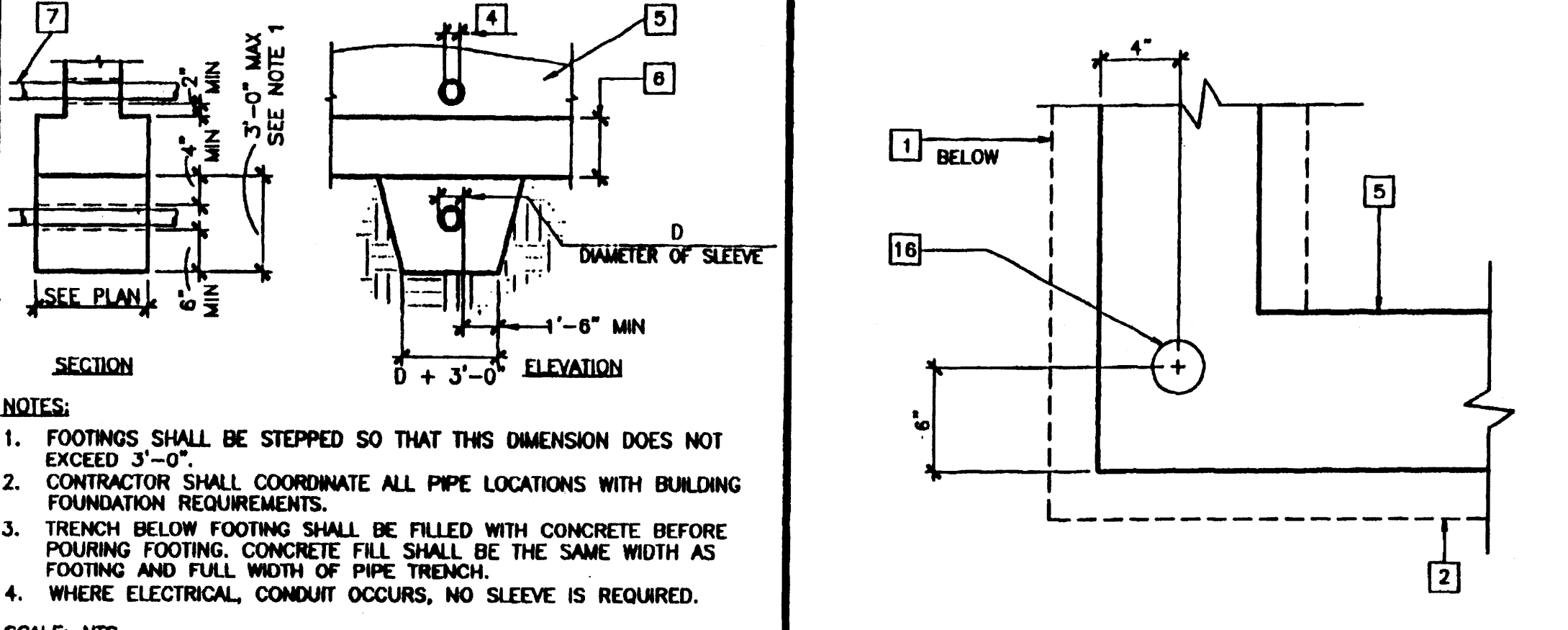
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2	SP MODTECH ENGINEERING CHANGE	09/28/00
3	MODTECH FIX	10/18/00
4	FVH CHANGE 3/4 TO 3/8 BOLT	5/5/01



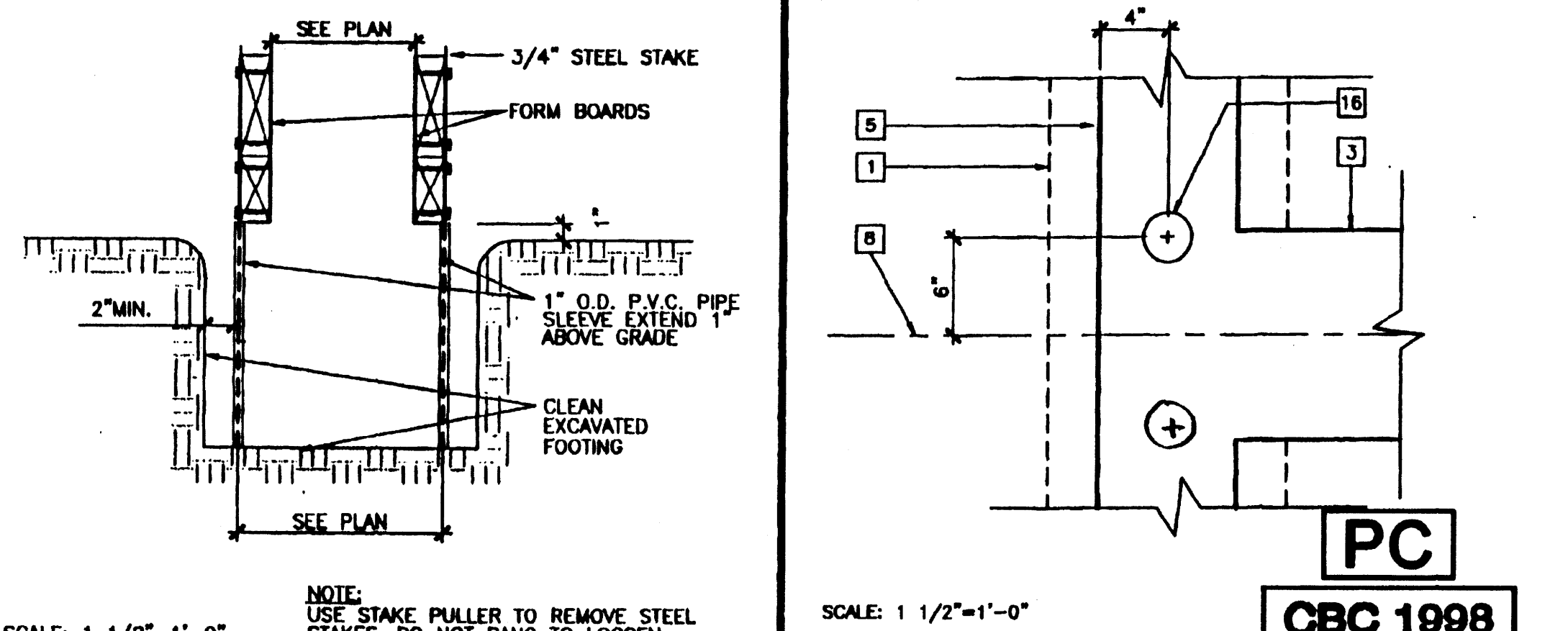
ACCESS VENT ELEVATION



CURB AND WALKWAY AND DOOR

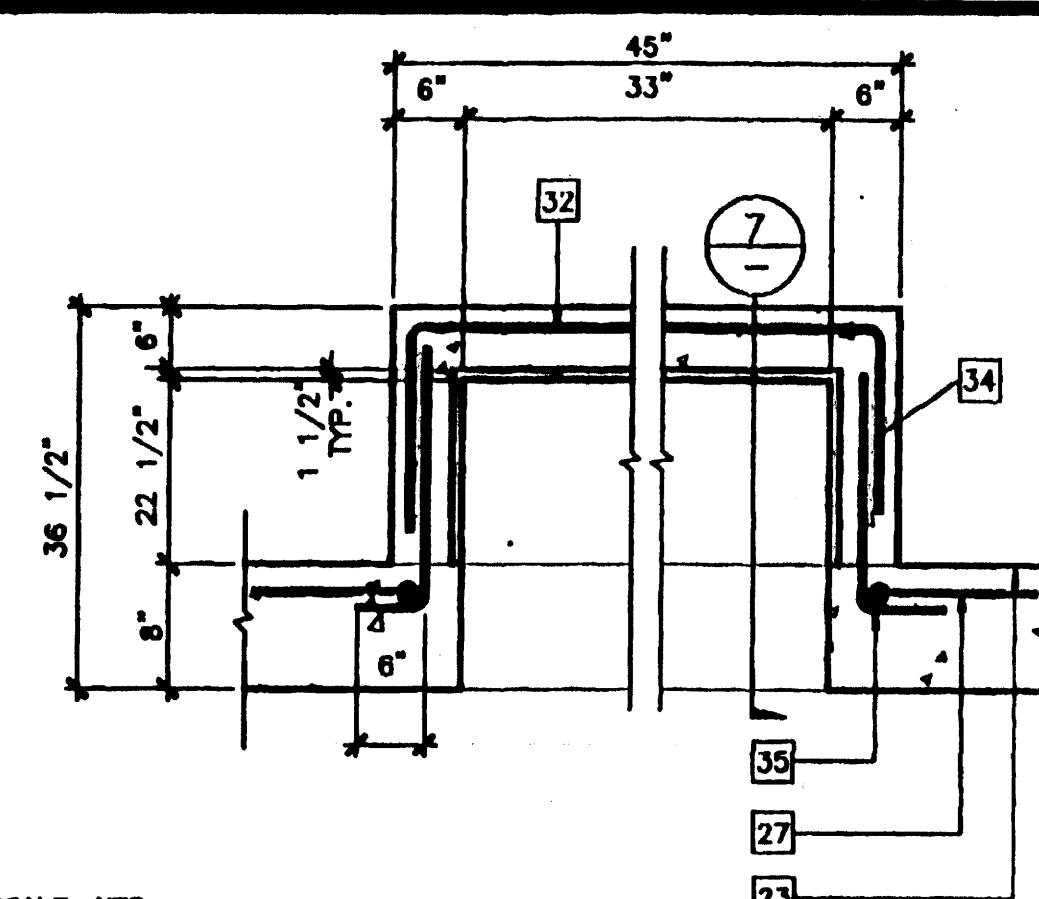


PIPES PERPENDICULAR TO FOOTINGS

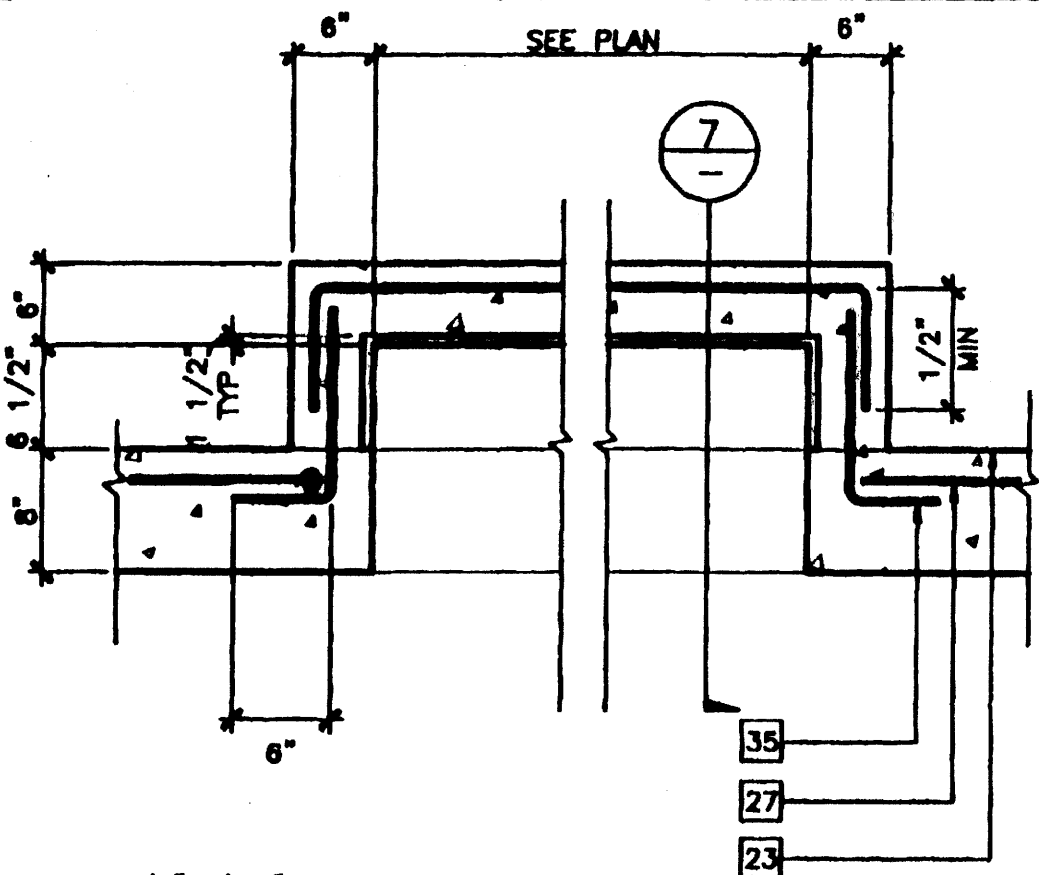


FOOTING FORMS - TEMPORARY

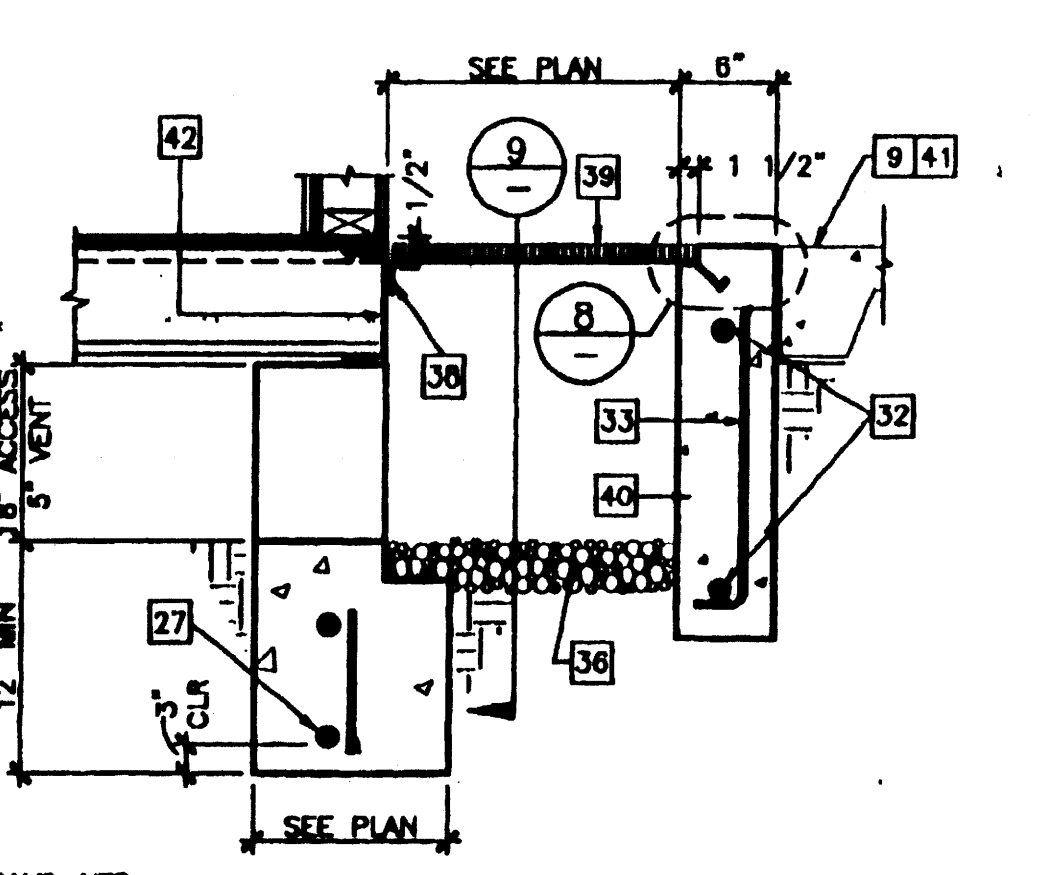
Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 REVISED OCT 02 2000
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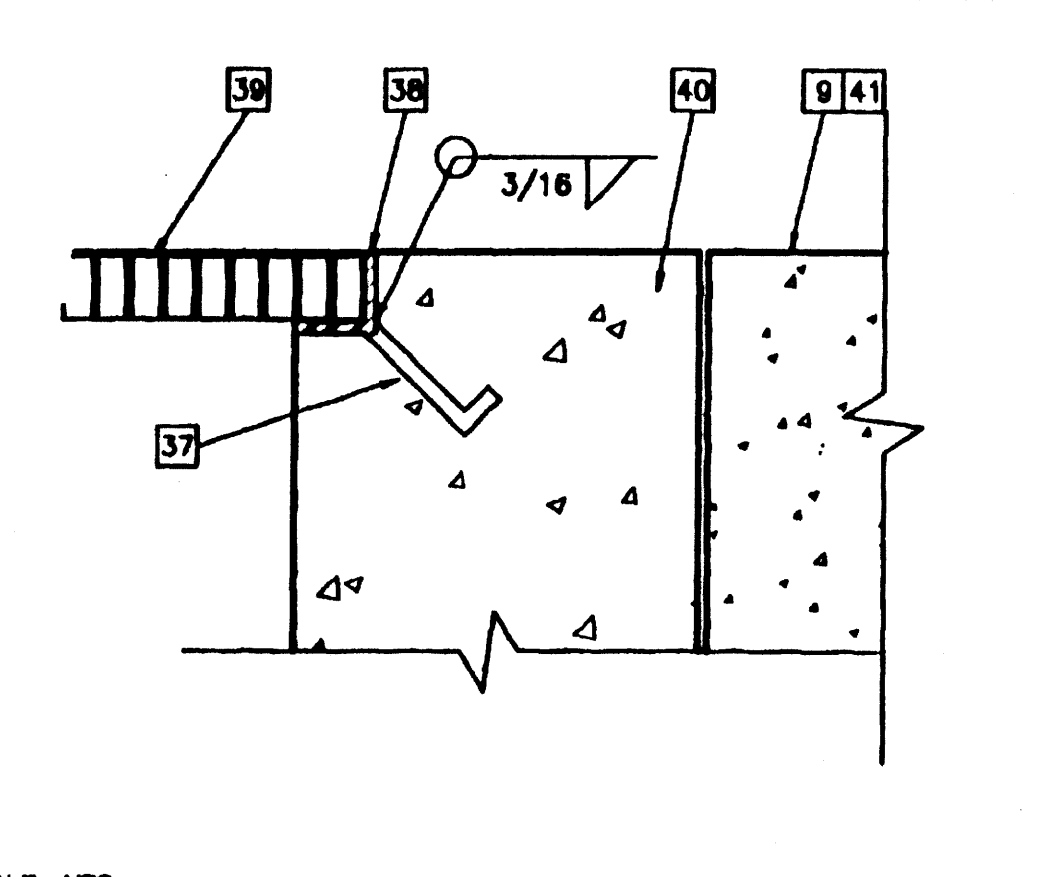
ACCESS VENT



TYPICAL VENT

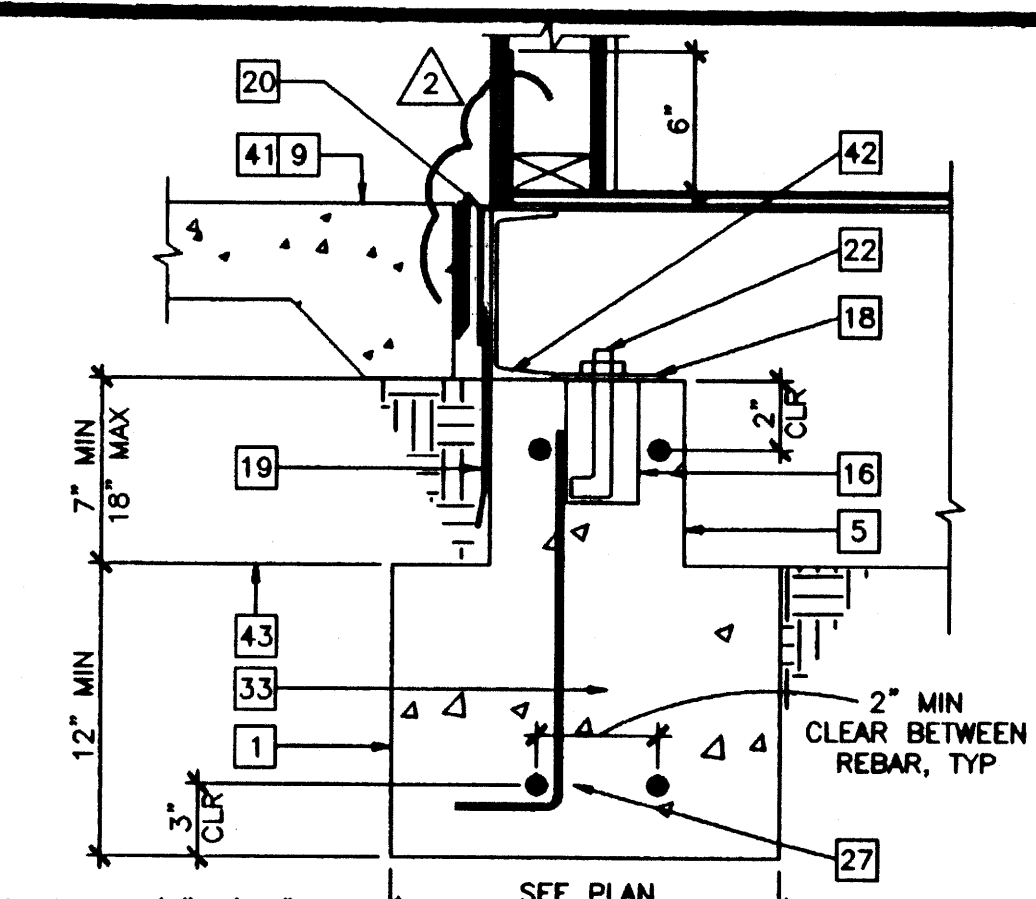


ACCESS / VENT SECTION

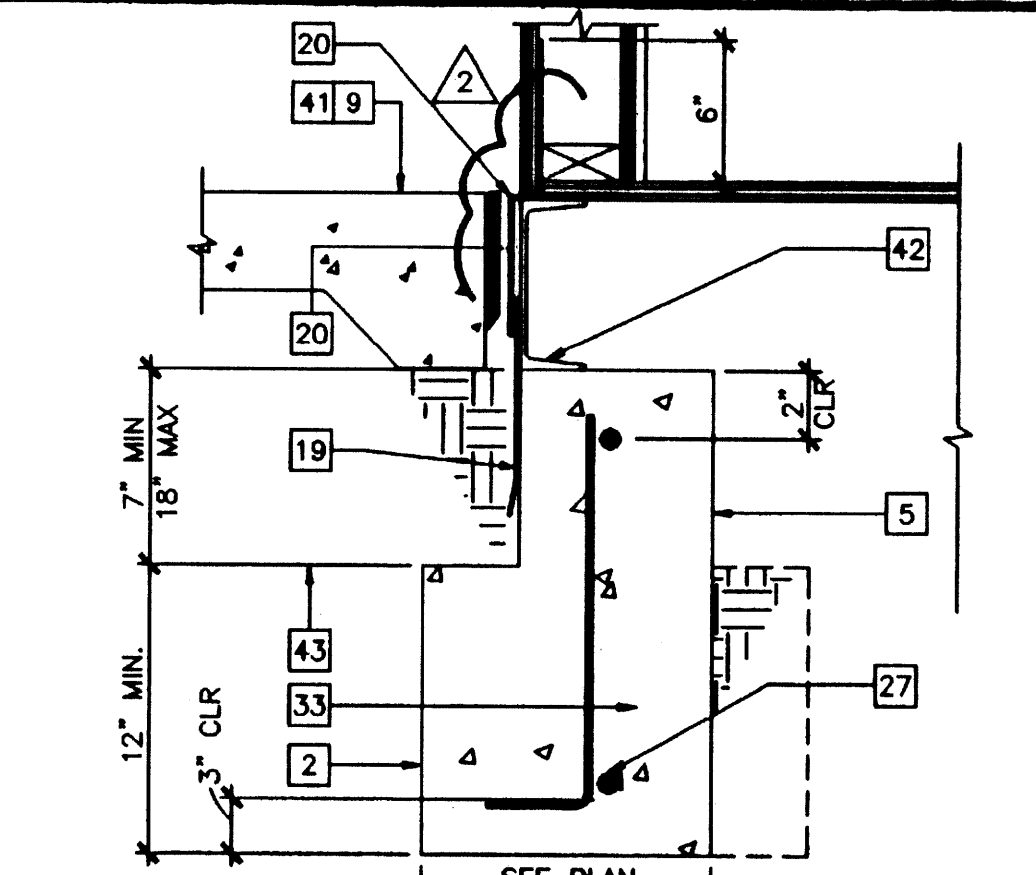


GRATING SUPPORT

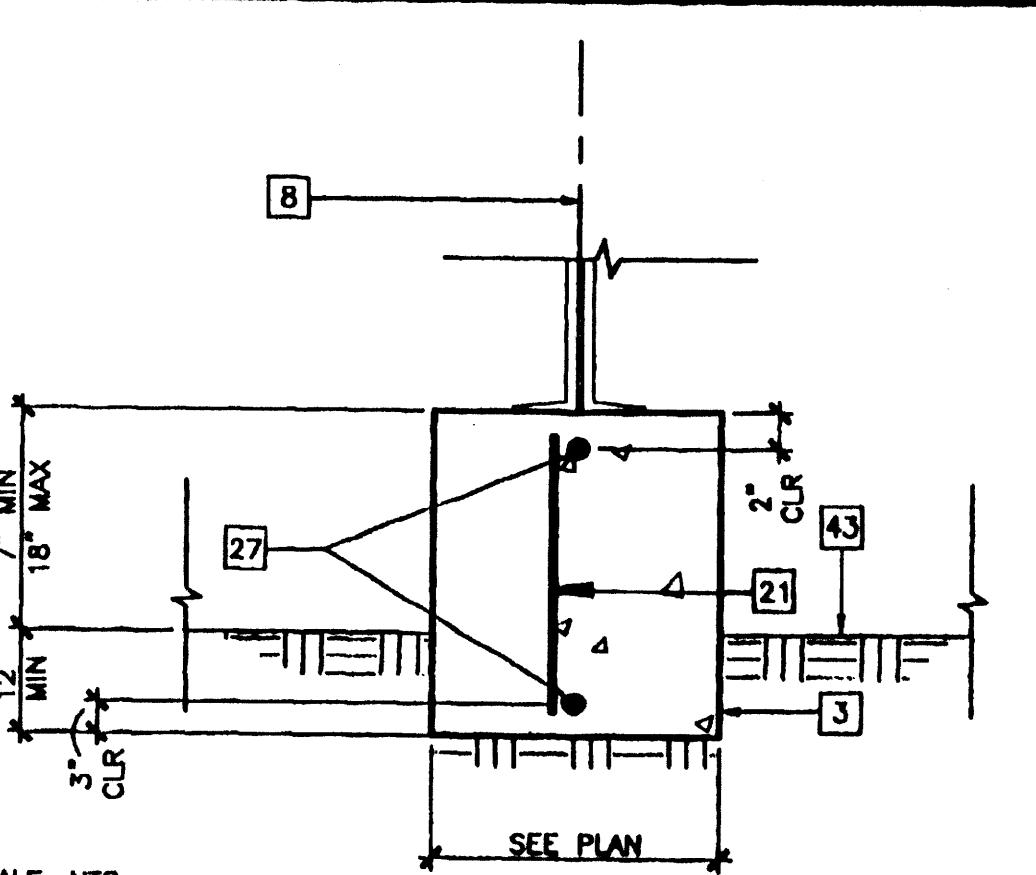
MODTECH INC. 2830 BARRETT AVENUE PERRIS, CALIF. 92572 PH (909) 943-4014 FAX (909) 940-0427
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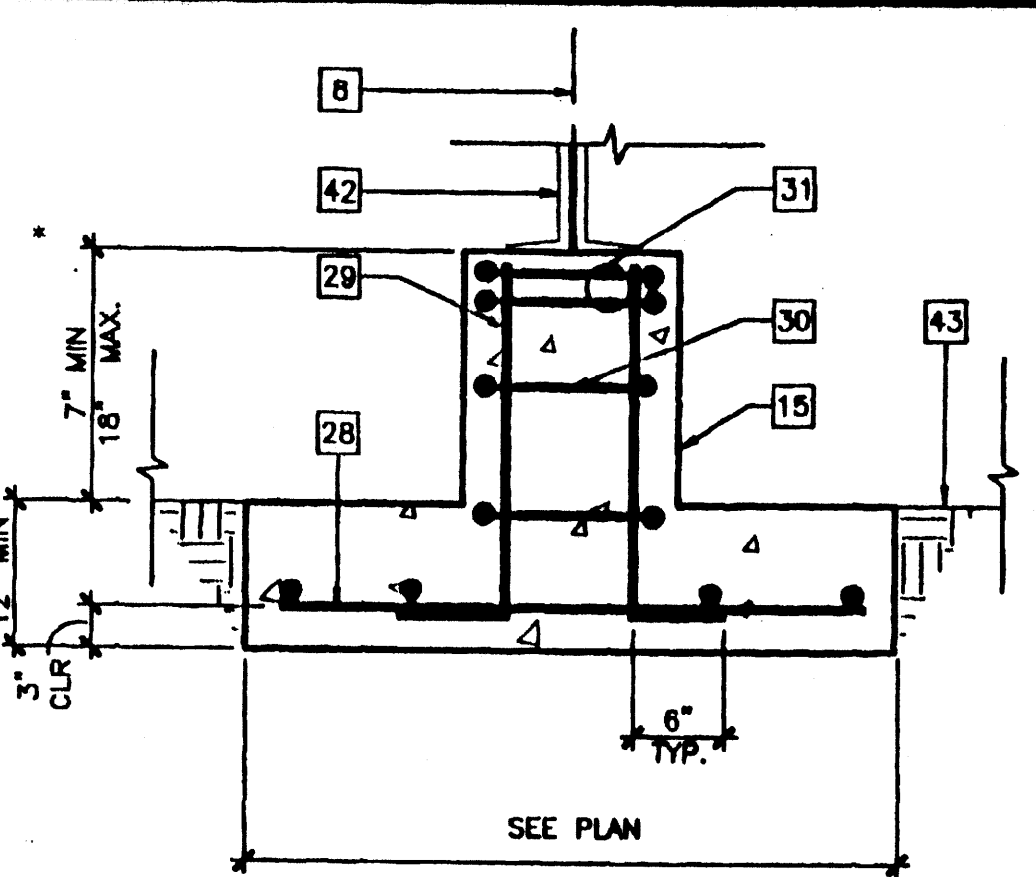
TYPICAL ENDWALL FOOTING



TYPICAL SIDEWALL FOOTING



INTERIOR RETURN FOOTING



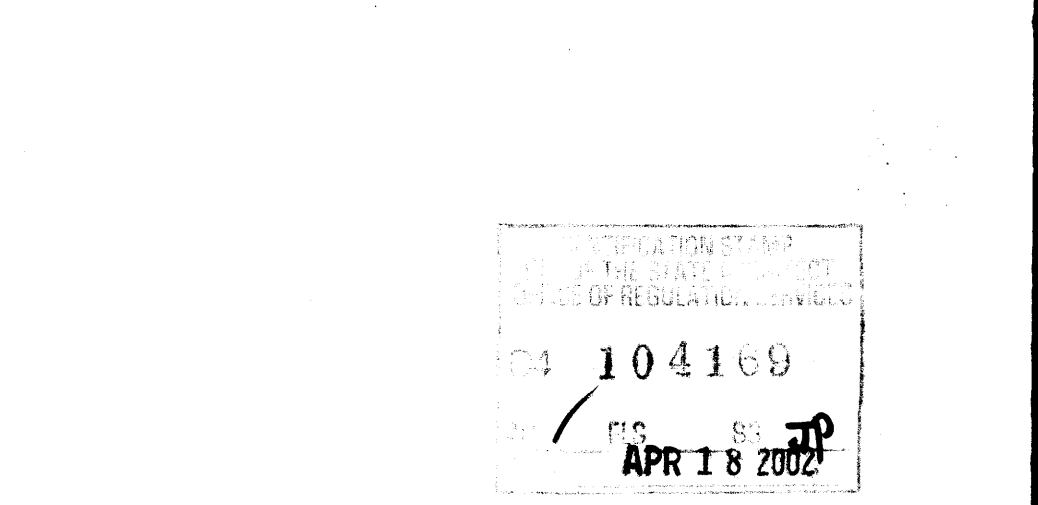
INTERIOR PAD FOOTING

PROJECT NUMBER: 4134	© MODTECH, INC. 2001	DRAWN BY: M. ANDERSEN DATE: APR 15 2002 CHECKED BY: 4012-121 DATE: 04-16-02 MODTECH Intran No.
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- ### KEY NOTES
- END WALL FOOTING - SEE FOOTING SCHEDULE
 - SIDE WALL FOOTING - SEE FOOTING SCHEDULE
 - MODLINE RETURN FOOTING - SEE FOOTING SCHEDULE
 - SLEEVE DIAMETER 2" LARGER THAN PIPE DIAMETER
 - STEM WALL
 - FOOTING, FOR PIPES IN THIS AREA LOWER FOOTING SO PIPES PASS THROUGH STEM WALL
 - PIPE THROUGH STEM WALL
 - MODLINE
 - CONCRETE FLATWORK (BY DISTRICT)
 - STARTER WALL AFTER SET. CLEAN TO REMOVE LAITANCE AND SCUM
 - CUT BACK SPALL
 - CONTINUOUS CLEAN-OUT. STAKES NOT PERMITTED WITHIN FOOTING AREA
 - MINIMUM FORMWORK (UNLESS FULLY FORMED)
 - 2x PLANKING
 - CONCRETE INTERIOR PAD FOOTING - SEE FOUNDATION PLAN FOR SIZES
 - 3" DIAx5" DEEP CANOUT IN FOUNDATION (BY CONCRETE SUBCONTRACTOR)
 - OPTION 1: 12 GA GALVANIZED EXPANDED DIAMOND MESH. EMBED 1 1/2" INTO WET CONCRETE AT 2 SIDES AND BOTTOM
OPTION 2: 3/16"x1 1/2"x1 1/2" GALVANIZED ANGLE FRAME WITH 12 GA GALVANIZED EXPANDED DIAMOND MESH WELDED TO END OF INTERIOR ANGLE LEG. ANCHOR WITH 3 FASTENERS AT BOTTOM INTO CONCRETE AND 3 FASTENERS AT TOP INTO FLOOR CHANNEL.
 - ANCHOR PLATE. - 3/51
 - COUNTER FLASHING (BY OTHERS)
 - GALVANIZED FLASHING, BY MODTECH
 - NOT USED
 - 3/4" ANCHOR BOLT A307 WITH 5" EMBEDMENT OR 3/4" DIA THREADED ROD A36 WITH 5" EMBEDMENT
 - LINE OF BUILDING
 - DOOR
 - DOOR FRAME
 - ALUMINUM THRESHOLD
 - #5 TOP AND BOTTOM CONTINUOUS
 - (4) #5'S EACH WAY AT BOTTOM
 - 4 - #5 X L VERTS
 - #4 SQUARE TIES AT 8" OC
 - #4 SQUARE TIES; 2 AT TOP OF FOOTING
 - #4 CONTINUOUS
 - #3 VERTICAL AT 24" OC
 - LAP 4"
 - STANDARD 90° HOOK TYPICAL
 - DRYWELL 3" DEEP WITH 3/8" PEA GRAVEL (ONLY AT ACCESS)
 - 3/8" DIA x3" ANCHOR BOLT WELDED TO ANCHOR FRAME
 - 1 1/4"x1"x1/4" ANGLE FRAME
 - HORIZONTAL GRATE: GRATE OPENING TO BE MAXIMUM 1" EXCEPT 1/2" IN PATH OF TRAVEL (UPGRADE CHANGE ORDER REQUIRED), SEE ARCHITECTURAL SITE PLAN
 - CONCRETE AREAWAY WALL
 - FINISH GRADE
 - STEEL FLOOR FRAME
 - FINISH PAD ELEVATION - REFER TO GENERAL NOTES
 - NEAT CUT TRENCH
 - 4" BUILDING SEPARATION AT ADJACENT BUILDING - OPTIONAL
 - BUILDING LINE

NOTES

* 1. 11" MINIMUM 30" MAXIMUM FOR ALL BUILDINGS 2160 SQUARE FEET OR OVER



REVISED MAY 3 1 2001
 REVISED JAN 4 2001
 REVISED OCT 19 2000

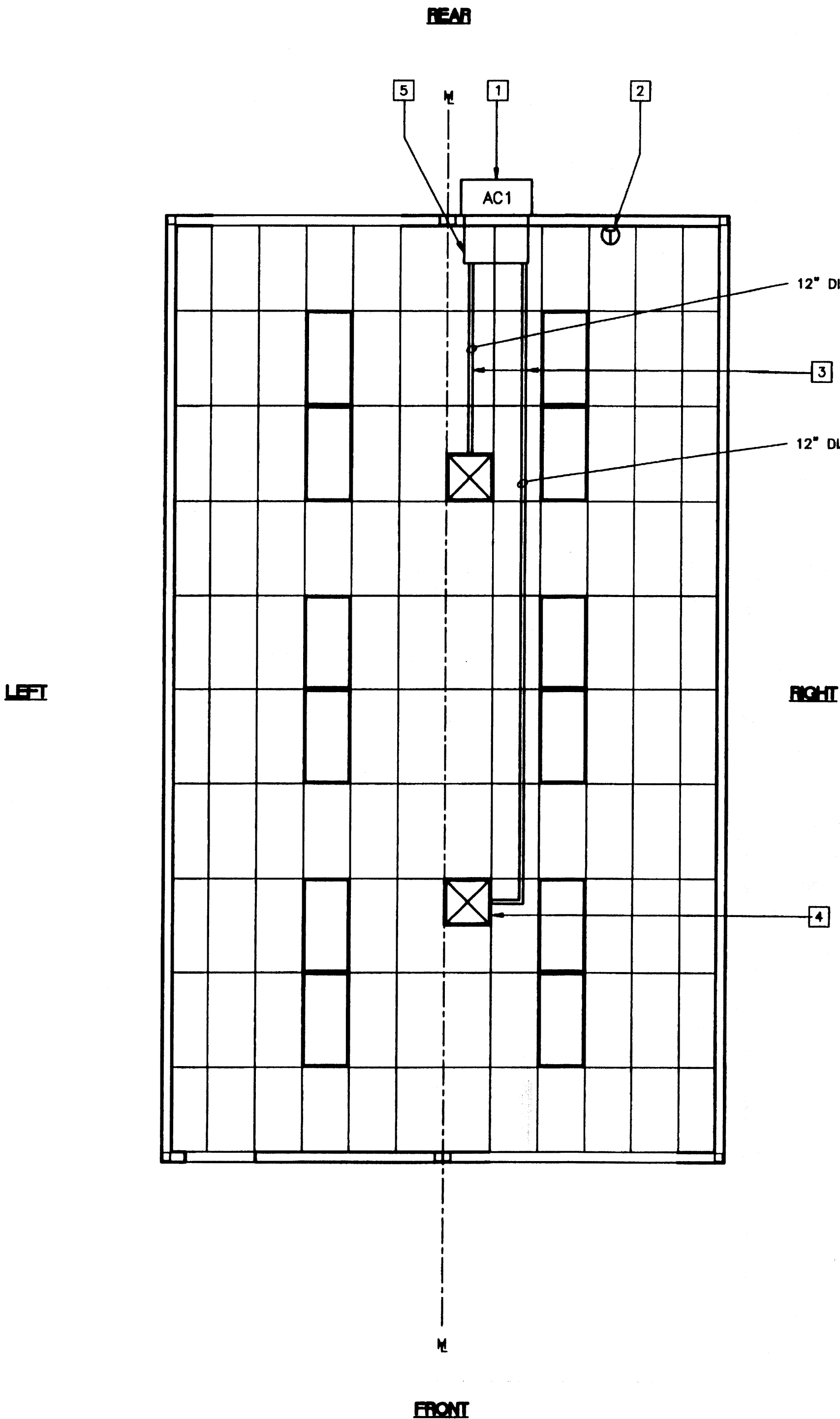
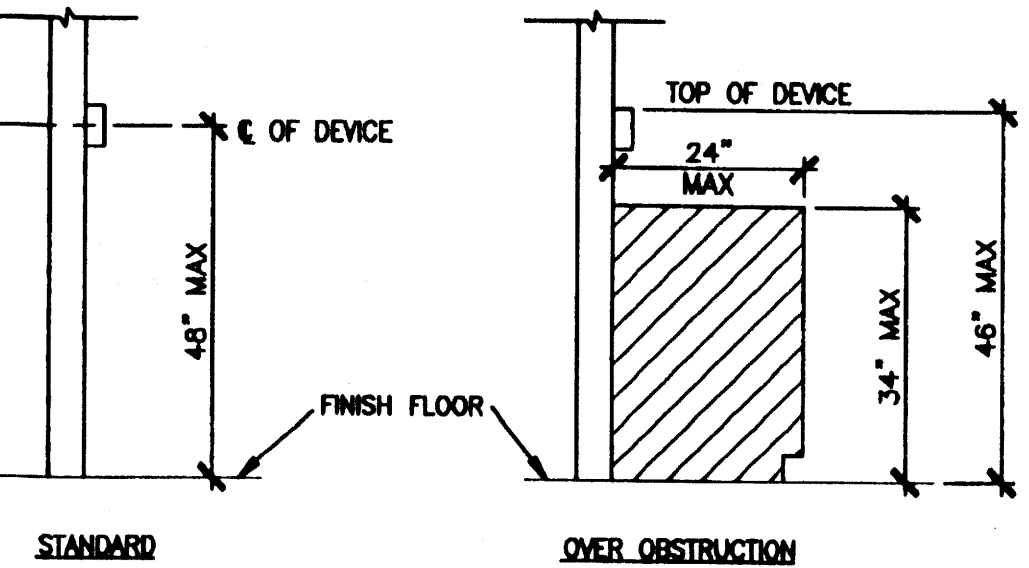
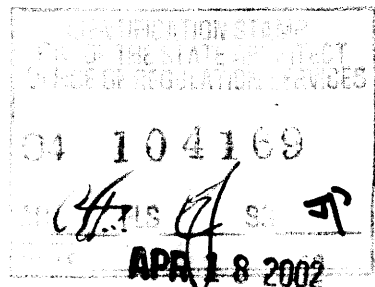
FOUNDATION DETAILS BELOW GRADE CONCRETE
F3.11

KEY NOTES

- 1 AC1: WALL MOUNT 3.5 TON HEAT PUMP WITH 5KW HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208/230V, 1 PHASE, 59 AMP WEIGHT 515 LBS
- 2 THERMOSTAT AT 48" AFF (SEE SPECS)
- 3 FLEX DUCT
- 4 15"x15" 4 WAY SUPPLY AIR GRILLE
- 5 10"x30"x24" PLENUM (SEE SPECS)

NOTES

1. INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE- DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION, INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED
2. SCHOOL EQUIPMENT ANCHORAGE
- THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:
- THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM OR TITLE 24, SECTION 1632A AND TABLE 16A-0, 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.
- ALL MECHANICAL 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 MECHANICAL ENGINEER AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



MECHANICAL PLAN A

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

PC

CBC 1998

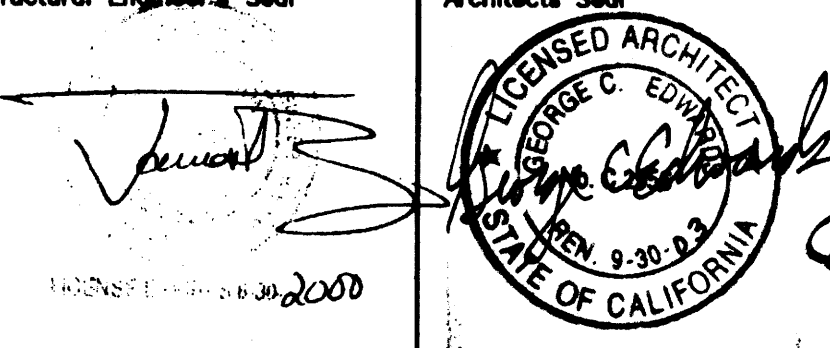
REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

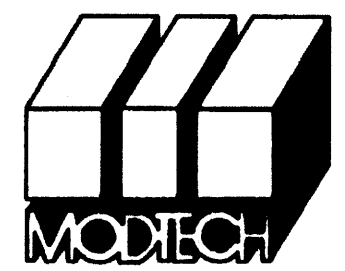
Structural Engineer's Seal

Architect's Seal



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

PC-04
101268
DATE: SEP 07 2000
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MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134

MODTECH, INC. 2001

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

MECHANICAL (HVAC) PLAN

24'x40'

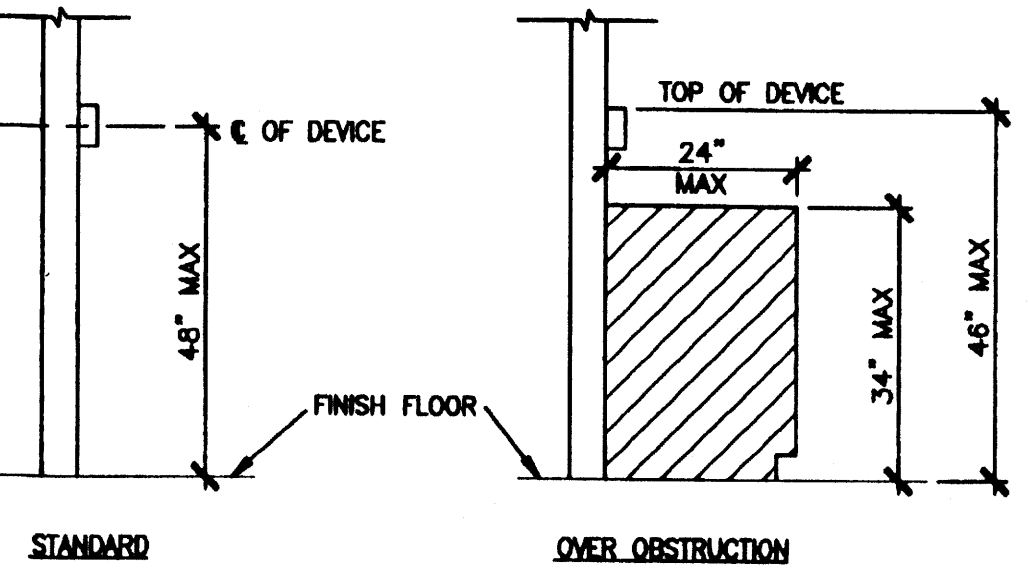
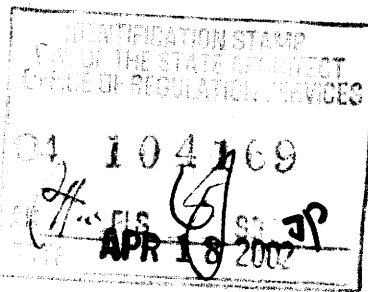
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KEY NOTES

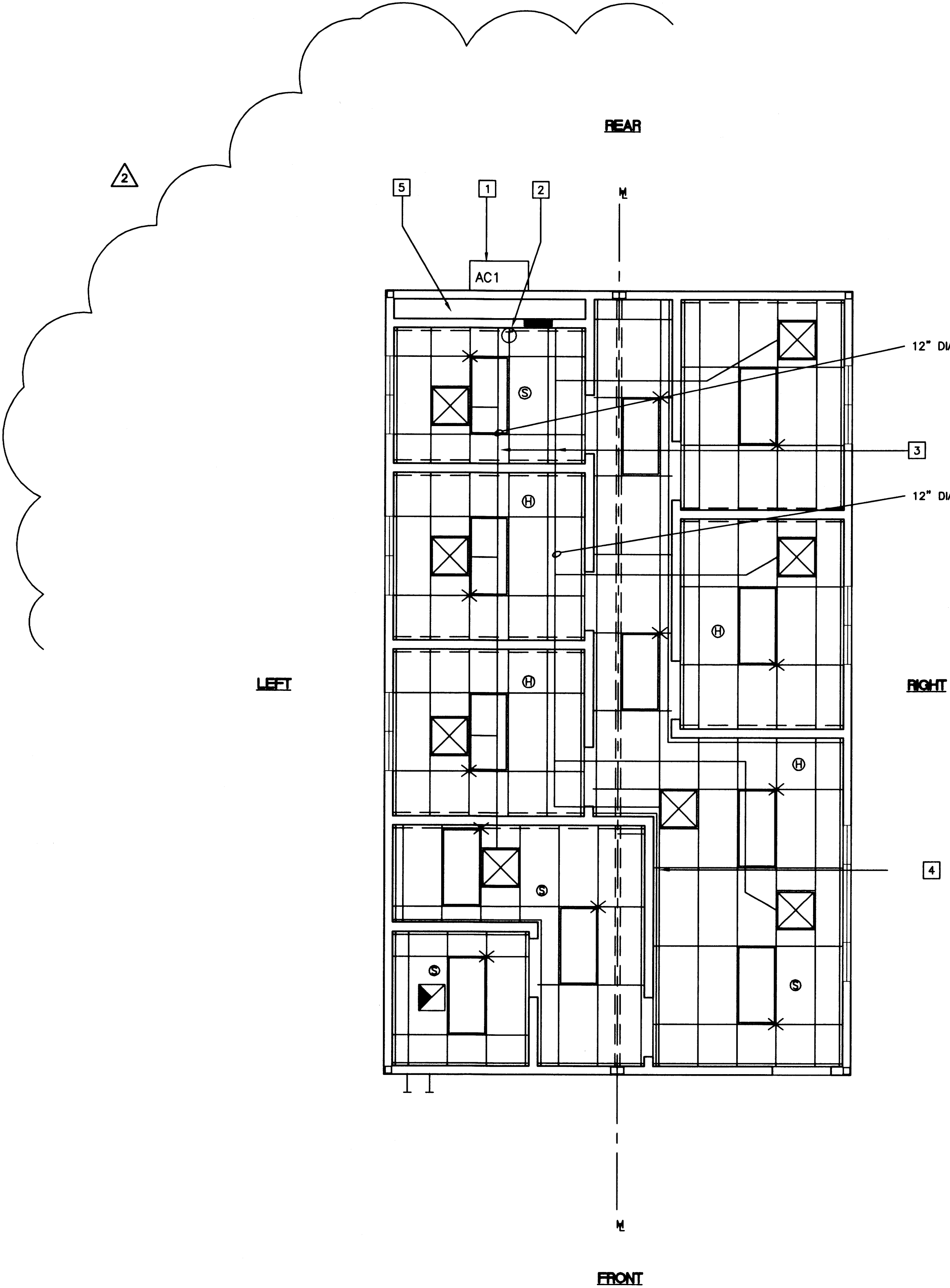
- 1 AC1: WALL MOUNT 3.5 TON HEAT PUMP WITH 5KW HEATER OLA AND CALIFORNIA STATE ENERGY APPROVED 208/230V, 1 PHASE, 59 AMP WEIGHT 515 LBS
- 2 THERMOSTAT AT 48" AFF (SEE SPECS)
- 3 FLEX DUCT
- 4 15"x15" 4 WAY SUPPLY AIR GRILLE
- 5 12" X 9'9 3/4" WALL CHASE

NOTES

1. INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION, INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED
2. SCHOOL EQUIPMENT ANCHORAGE
- THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:
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- | | |
|------------------------|-------------------------|
| 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 MECHANICAL ENGINEER AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.



DEVICE MOUNTING STKP-62 1



MECHANICAL PLAN B

(24'x40')

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

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REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	09/28/00
2	MCA	MODIFIED FLOOR PLAN	04/15/02
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

IDENTIFICATION STAMP

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OFFICE OF REGULATION SERVICES

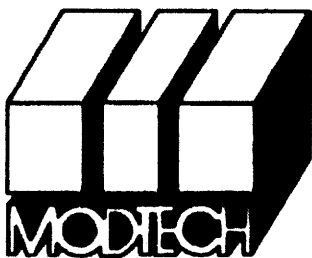
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101268

AC 1

DATE: 04/15/02

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MODTECH INC.

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PROJECT NUMBER: 4134

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DRAWN BY: M. ANDERSEN

DATE: APR 15 2002

CHECKED BY: 4012-121

DATE: 04-16-02

MODTECH Index No.

MECHANICAL (HVAC) PLAN

24'x40'

M1.01B

FOUNDATION PLATE SCHEDULE

		50 PSF	50 + 20 PSF	100 PSF
END WALL	SILL	2"x6"	2"x6"	2"x12"
	BLOCKING	2"x4"	2"x4"	2"x6"
	TOP PLATE	2"x4"	2"x4"	2"x6"
SIDE WALL	SILL	2"x12"	2"x12"	2"x12"
	BLOCKING	2"x6"	2"x6"	2"x6"
	TOP PLATE	2"x6"	2"x6"	2"x6"
MODLINE	SILL	(6)2"x12"x30"	(7)2"x12"x30"	(8)2"x12"x30"
PAD AT	BLOCKING	2"x10"	2"x10"	2"x10"
END WALL	TOP PLATE	2"x6"	2"x6"	2"x6"
MODLINE	SILL	(4)2"x12"x30"	(5)2"x12"x30"	(6)2"x12"x30"
PAD AT	BLOCKING	2"x10"	2"x10"	2"x10"
INTERIOR	TOP PLATE	2"x8"	2"x8"	2"x8"
4" SEPARATION	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x12"x30"
PAD AT	BLOCKING	2"x12"	2"x12"	2"x12"
END WALL	TOP PLATE	2"x12"	2"x12"	2"x12"
4" SEPARATION	SILL	(6)2"x12"x30"	(6)2"x12"x30"	(6)2"x12"x30"
PAD AT	BLOCKING	2"x12"	2"x12"	2"x12"
INTERIOR	TOP PLATE	2"x12"	2"x12"	2"x12"

NOTE: * USE 2"x4" PLATES FOR ANY ADDITIONAL BLOCKING REQUIRED FOR LEVELING.
 * ALL SILL (FOOTING) PLATES TO BE PRESSURE TREATED SEE NOTE #3 THIS SHEET.
 * FOR FOUNDATION PLATE NAILING SEE F1.21

DIMENSION SCHEDULE

	50 PSF	50 + 20 PSF	100 PSF	125 PSF
A	7'-7 1/2"	9'-1 1/2"	7'-1 1/2"	
B	6'-6"	4'-0"	0"	
C	12'-0"	14'-0"	11'-0"	
D	6'-1"	7'-1 1/4"	5'-1 1/2"	
E	5'-6"	4'-4"	3'-8"	
F	3'-9"	4'-8 1/4"	4'-3"	
G	9'-7"	8'-2"	3'-7"	
H	6'-1"	6'-1"	5'-6 1/8"	
J	4'-8"	3'-10"	2'-6"	
K	5'-7 1/2"	7'-6"	6'-9 1/2"	
L	7'-4"	5'-5"	2'-7 1/2"	

STANDARD BUILDING ADMIN BLDG

VENT CALCULATIONS

VENTING REQUIRED = $24' \times 40' = 960 / 150 = 6.4$ SF

VENT

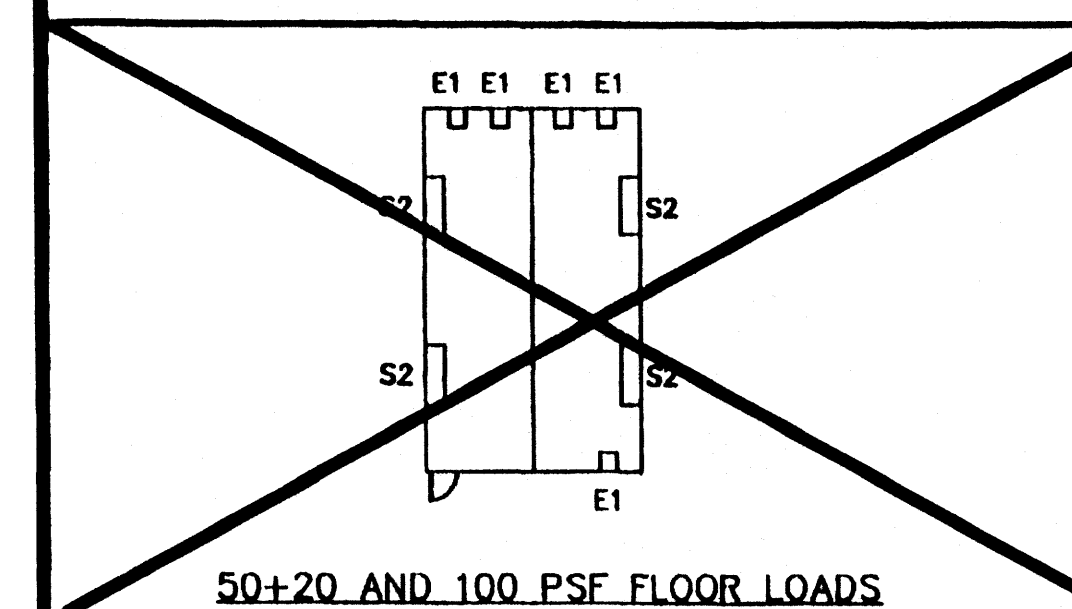
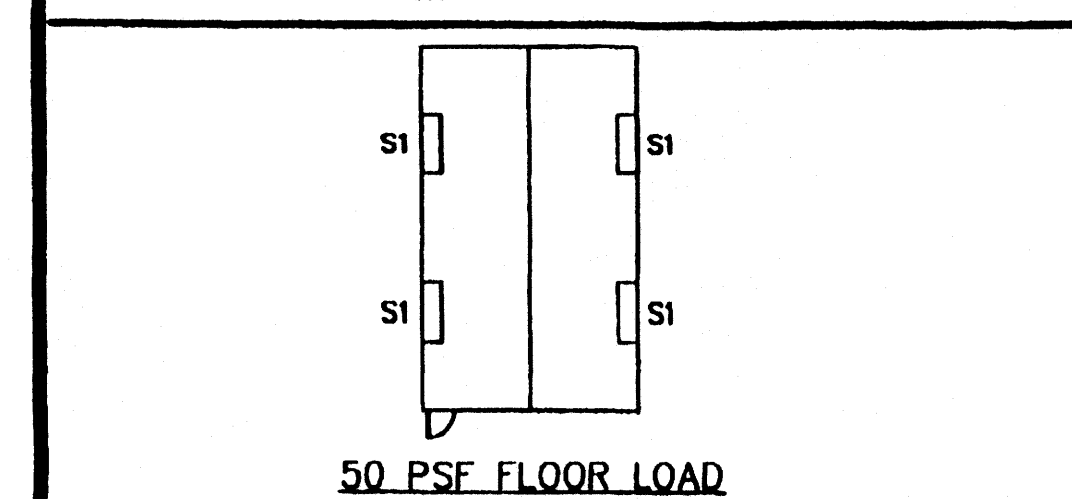
S1 = $3' \times 78" = 1.63$ SF
 S2 = $3' \times 48" = 1.00$ SF
 E1 = $3' \times 24" = 0.50$ SF

50 PSF FLOOR LOAD

S1X4 = 6.52 SF > 6.40 SF OK

50+20 PSF FLOOR LOAD

S2X4 = 4.00 SF
 E1X5 = 2.50 SF
 6.50 SF > 6.4 OK



VENT LEGEND

S1 = SIDE WALL VENT, 3'x6'-6"
 S2 = SIDE WALL VENT, 3'x4'-0"
 E1 = END WALL VENT, 3'x2'-0"

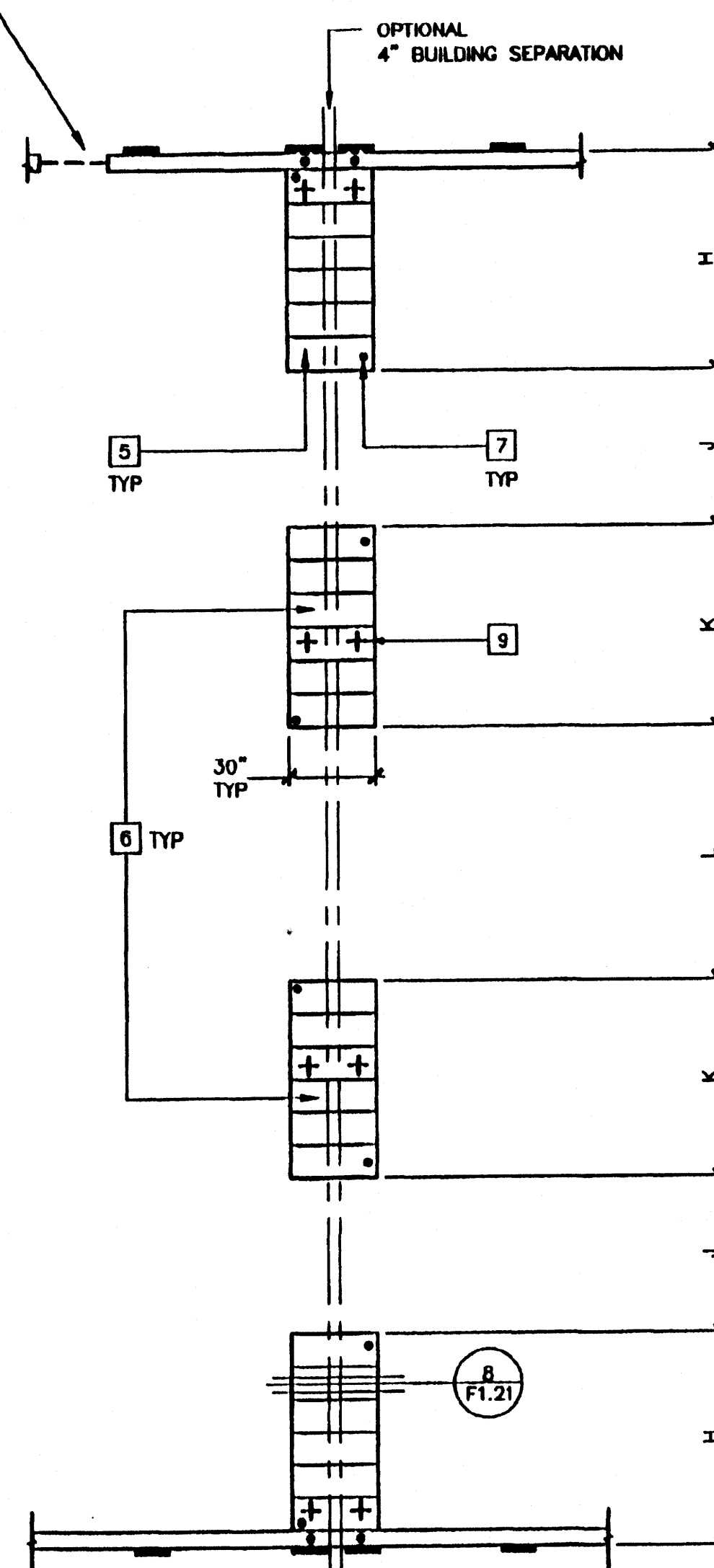
KEY NOTES

- FOUNDATION AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION AT SIDE WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT END WALL - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION MODLINE PAD AT INTERIOR - SEE FOUNDATION PLATE SCHEDULE
- FOUNDATION PAD AT 4" SEPARATION AT END WALL
- FOUNDATION PAD AT 4" SEPARATION AT INTERIOR WALL
- SILL RESTRAINT - SEE NOTE 1
- TIE PLATE - 5/8/F1.21
 AT 70 MPH DESIGN WIND LOAD:
 MIN (4) AT EACH END WALL, (5) AT EACH SIDE WALL
 AT 80 MPH DESIGN WIND LOAD:
 MIN (5) AT EACH END WALL, (5) AT EACH SIDE WALL
- 5/8" DIAx4" LAGS
- FOUNDATION VENT
- FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
- 2" CUTOFF OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION

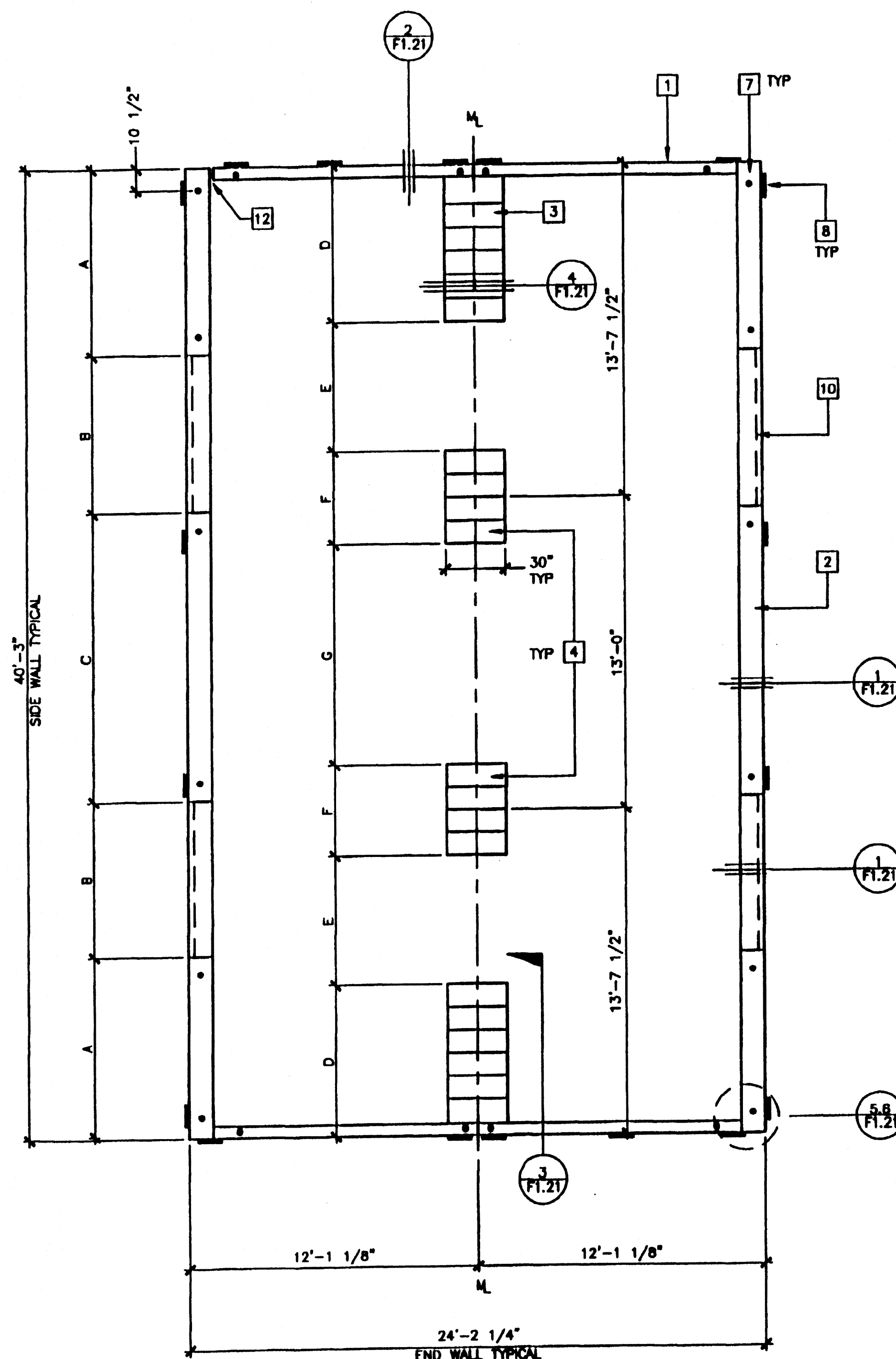
NOTES

- SILL RESTRAINT:
 ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX 12" PENETRATION BELOW SURFACE VERTICALLY DRILLED SILL HOLE TO BE 1 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE. TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.
 ALTERNATE:
 ON CONCRETE PAVING HILTI DS 82-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS.
- 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 IN-PLANT INSPECTOR.
- FOUNDATION DESIGN FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
- THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN, THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION.

3"x24" END WALL VENTS AS REQUIRED FOR ADJACENT BUILDING APPLICATIONS
 MIN 18" FROM BUILDING CORNERS
 MIN 18" FROM MODLINES
 MIN 12" BLOCKING BETWEEN VENTS



FOOTINGS AT ADJACENT BUILDING
 (OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

24'x40' WOOD SILL
 SCALE: 1/4" = 1'-0"

REVISED JAN 4 2001

PC

REVISED

DEC 2 2000

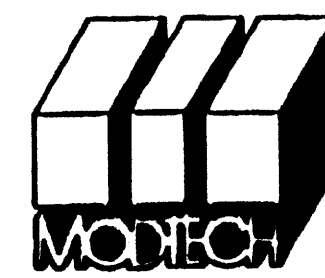
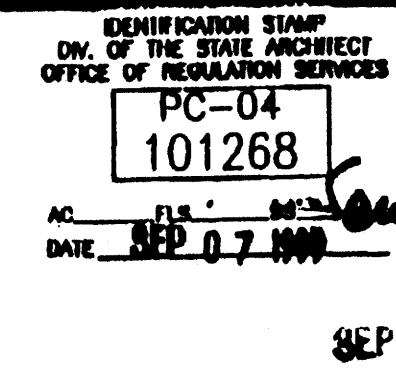
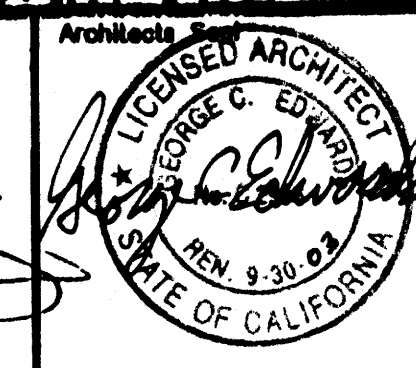
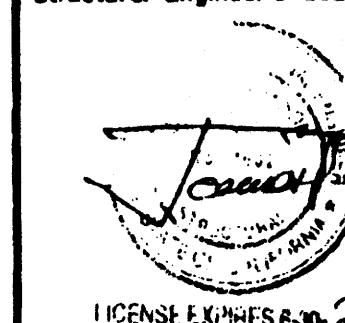
CBC 1998

REVISIONS		
1	SP	ADDED NOTE #6 9/7/00
2	SP	REVISED VENT LEGEND 12/20/00
3	SP	REVISED NOTE #1 01/03/00

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal



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4203, 4215
 4250, 4284, 4302, 4350
 4304, 4347, 4373, 4422
 4506

FOUNDATION PLAN 24'x40'/WOOD/50, 50+20, 100 PSF

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

MODTECH INC. No. **F1.01**

KEY NOTES

- 1 FOUNDATION AT END WALL
- 2 FOUNDATION AT SIDE WALL
- 3 FOUNDATION AT MODLINE
- 4 NOT USED
- 5 FOUNDATION PAD AT 4" SEPARATION
- 6 NOT USED
- 7 SILL RESTRAINT - SEE NOTE 1
- 8 TIE PLATE - 5/8" F1.22 MIN (6) AT EACH END WALL, (6) AT EACH SIDE WALL
- 9 5/8" DIAx4" LAGS
- 10 FOUNDATION VENT
- 11 FOR VENTS THAT OCCUR UNDER LANDINGS PROVIDE EQUAL AREA SCREENED VENT IN LANDING SKIRT
- 12 2" CUTOUT OF SILL PLATE FOR DRAINAGE. FIELD CREWS TO LOCATE AT LOWEST CORNER OF FOUNDATION
- 13 4 1/2"x12" FLOW THROUGH VENT - 3/F1.22
- 14 4 1/2"x12" FLOW THROUGH VENT - 7/F1.22

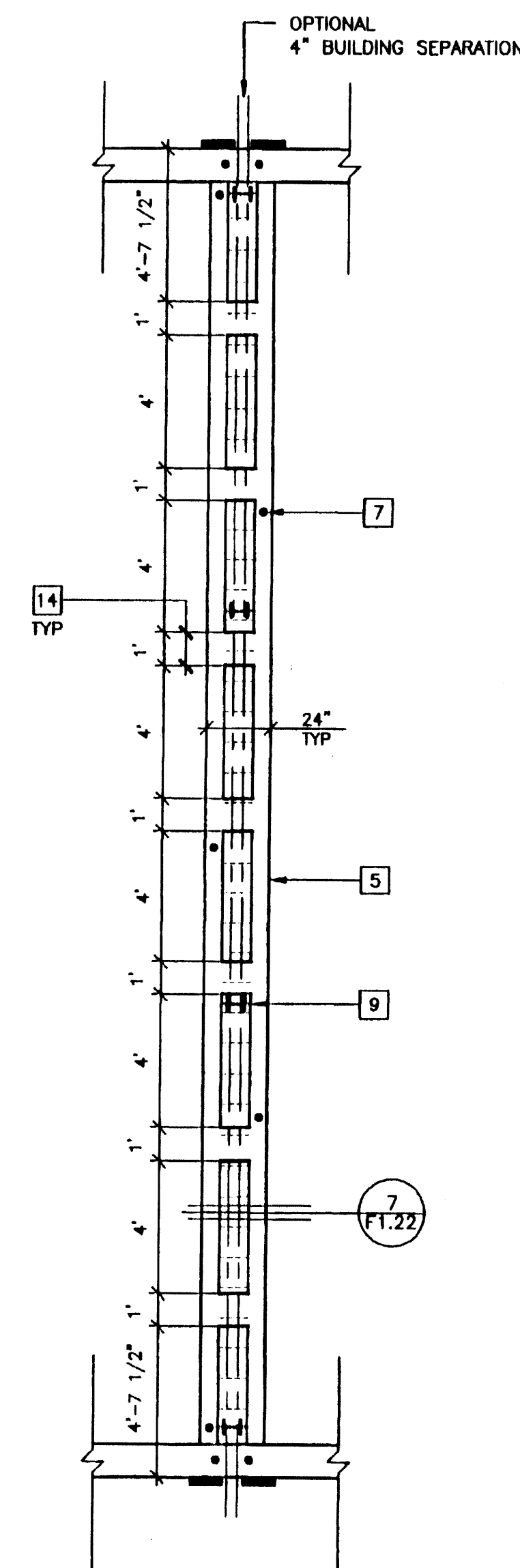
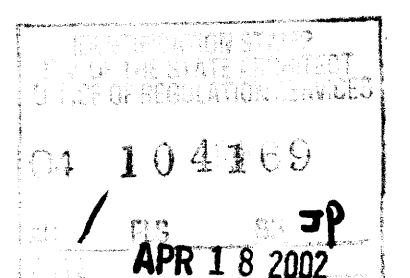
NOTES

1. SILL RESTRAINT:
ON ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE USE 1" OD GALVANIZED PIPE AT 10'-0" OC MAX 12" PENETRATION BELOW SURFACE VERTICALLY. DRILLED SILL HOLE TO BE 1 1/4" MAX. PIPE MAY BE DRIVEN MAX OF 45° ANGLE. TO VERTICAL 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT 45° ANGLE.

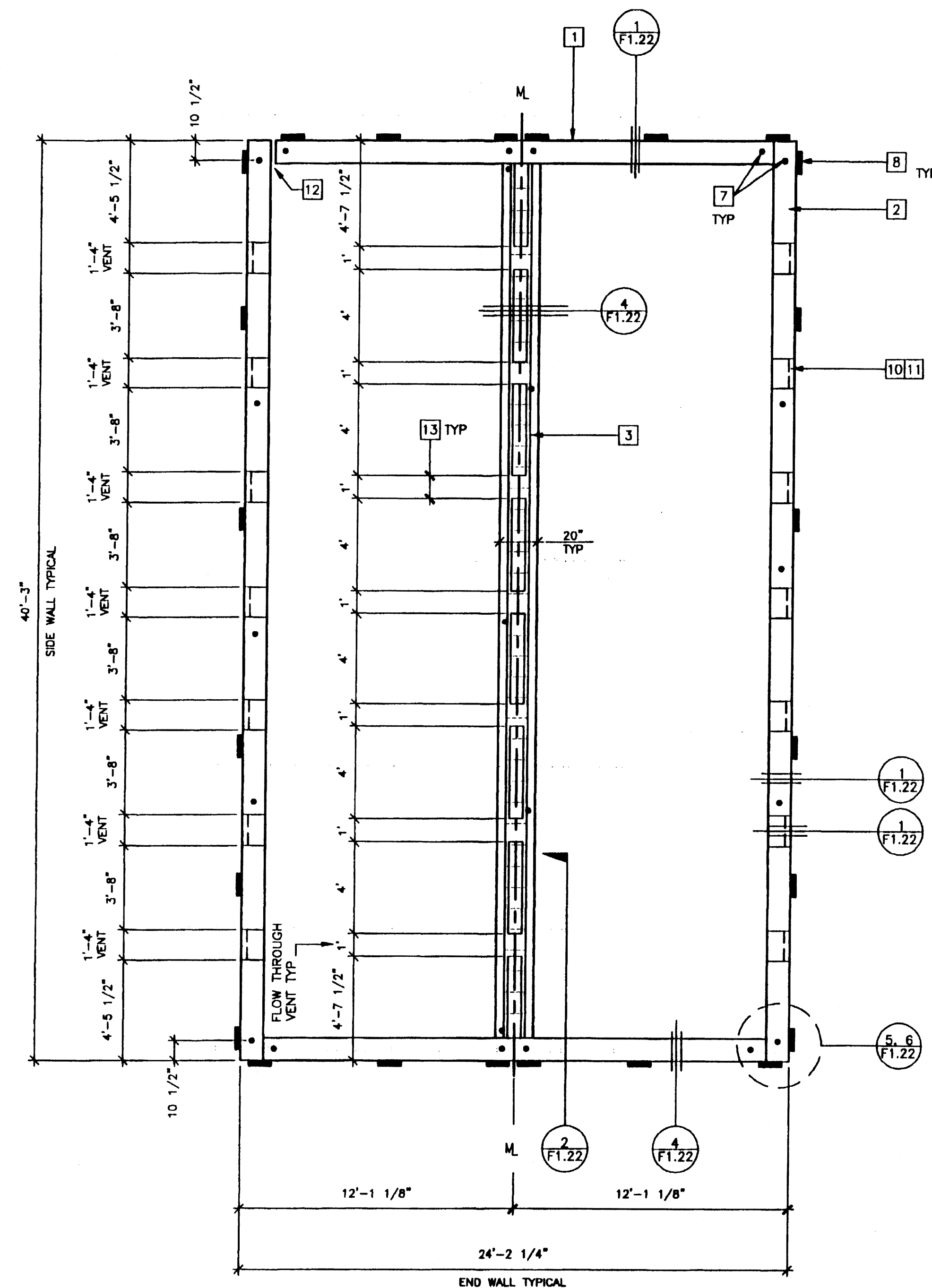
ALTERNATE:
ON CONCRETE PAVING HILTI DS B2-P10 THRU SILL PLATE, 8" OC AT END WALLS AND 16" OC AT SIDE WALLS.
2. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS
3. A WOOD SILL (FOOTING) PLATE SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED NOT BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY. LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE IN-PLANT INSPECTOR.
4. FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE PER ORS IR 23-6.
5. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. BUILDINGS OVER 2160 SQ. FT. MUST BE INSTALLED ON A PERMANENT CONCRETE FOUNDATION.

VENT CALCULATIONS

VENTING REQUIRED=24'x40'=960/150=6.4 SF
VENTING PROVIDED=4 1/2"x16"=0.5 SF
14 VENTS x0.50 SF=7.0 SF > 6.4 OK



FOOTINGS AT ADJACENT BUILDING
(OPTIONAL 4" SEPARATION)



FOUNDATION PLAN

125 PSF L.L.

24'x40'
SCALE: 1/4" = 1'-0"

PC

CBC 1998

REVISED JAN 4 2001

REVISIONS			
1	SP	MODTECH ENGINEERING CHANGE	9/7/00
2	SP	REVISED NOTE #1	01/03/00
3			
4			
5			

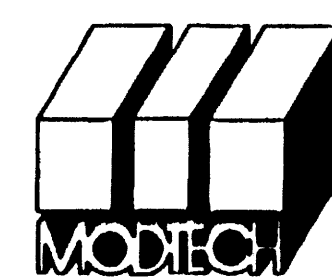
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Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
GEORGE C. BOWEN
STATE OF CALIFORNIA
9-30-93

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FAX (909) 940-0427

PROJECT NUMBER: 4134

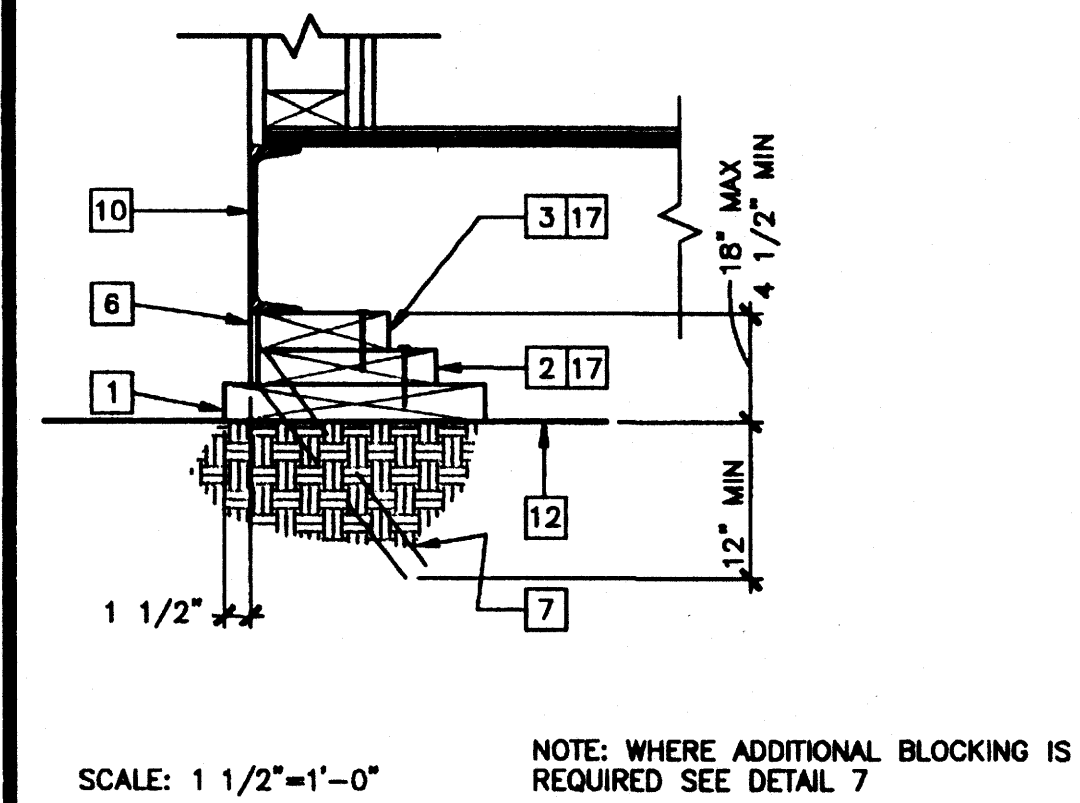
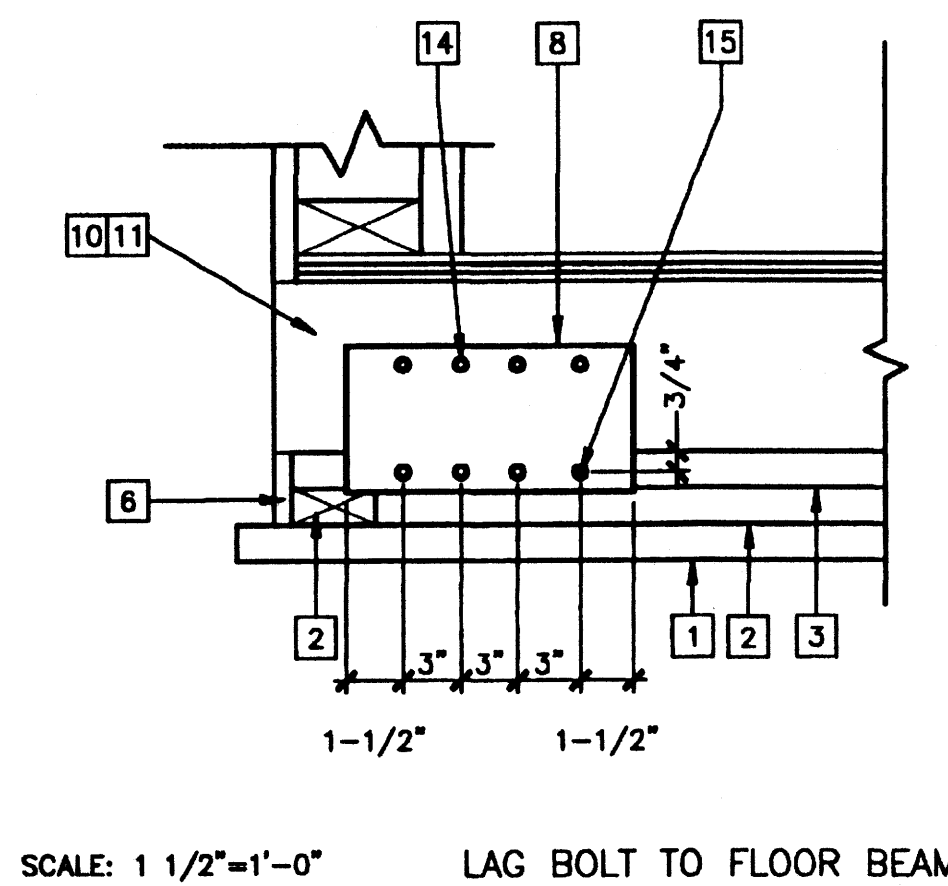
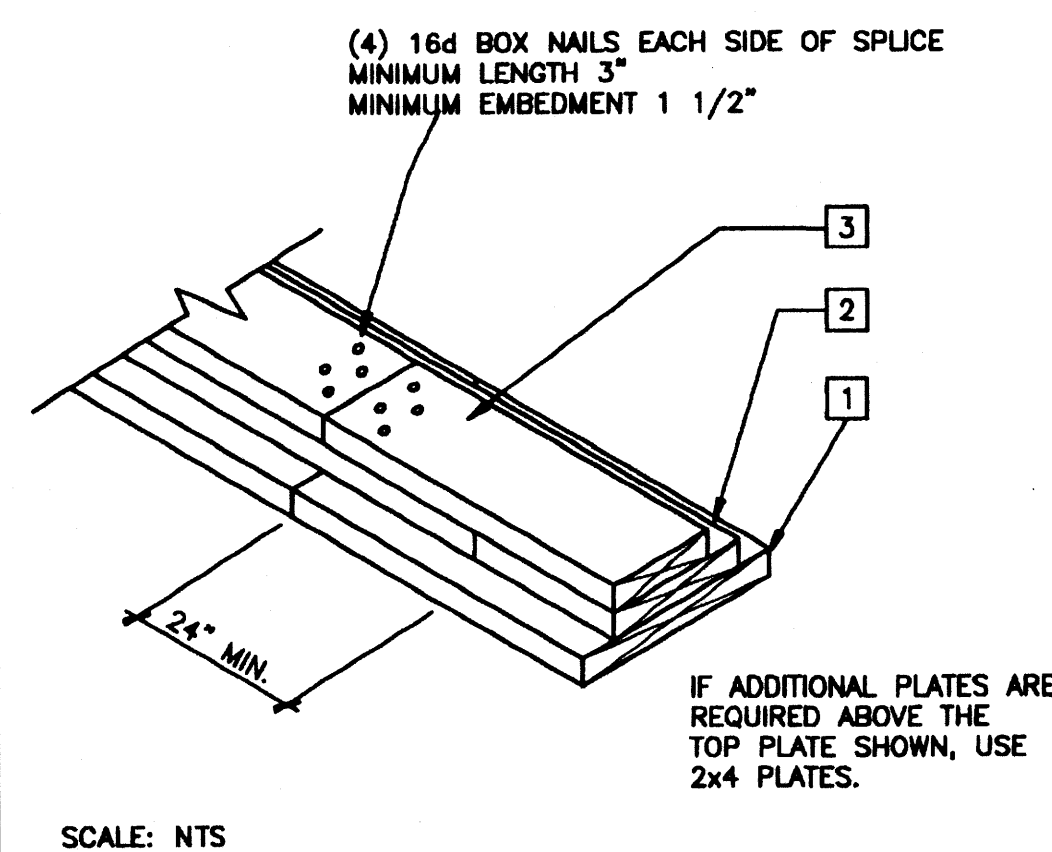
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DATE: APR 15 2002
CHECKED BY: 4012-021
DATE: 04-16-02

MODTECH Index No.

FOUNDATION PLAN 24'x40'/WOOD/125 PSF

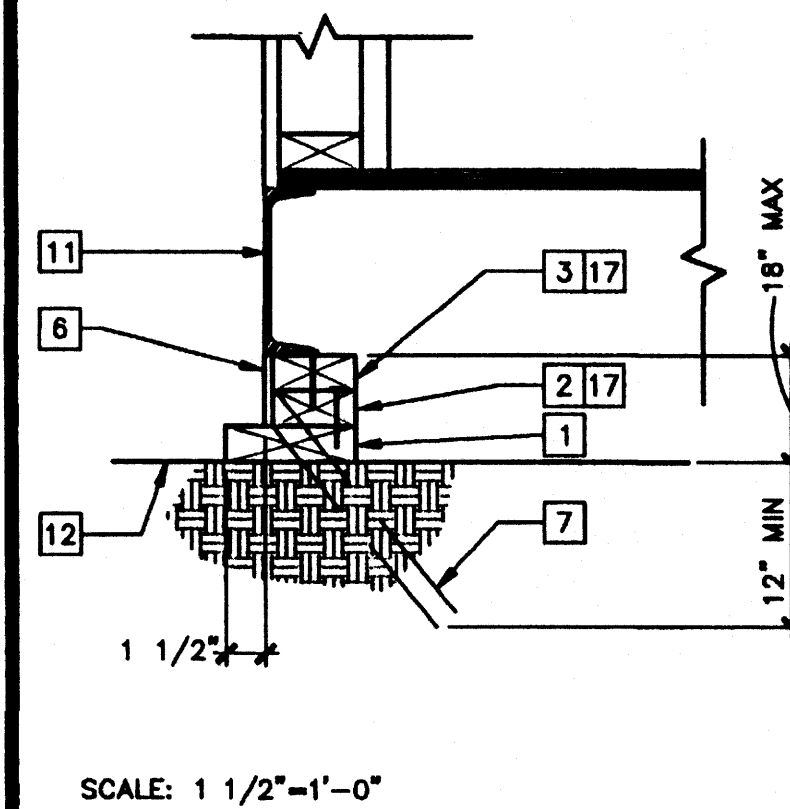
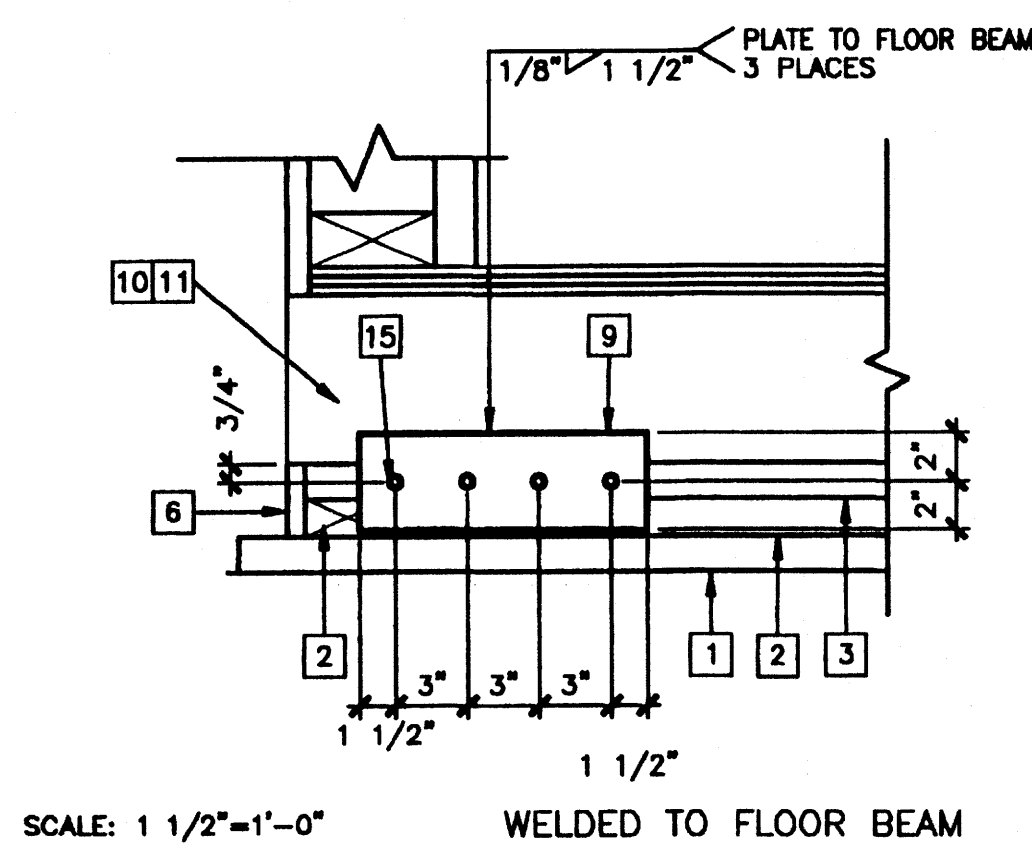
F1.11



FOUNDATION SPLICE

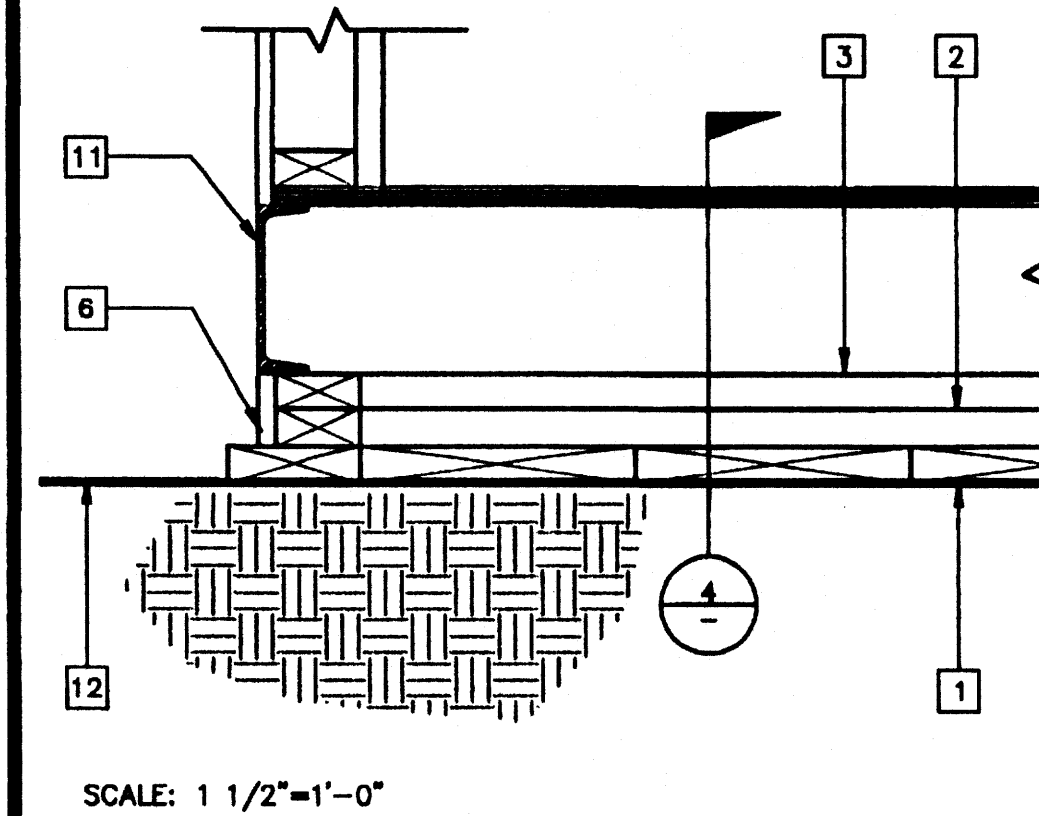
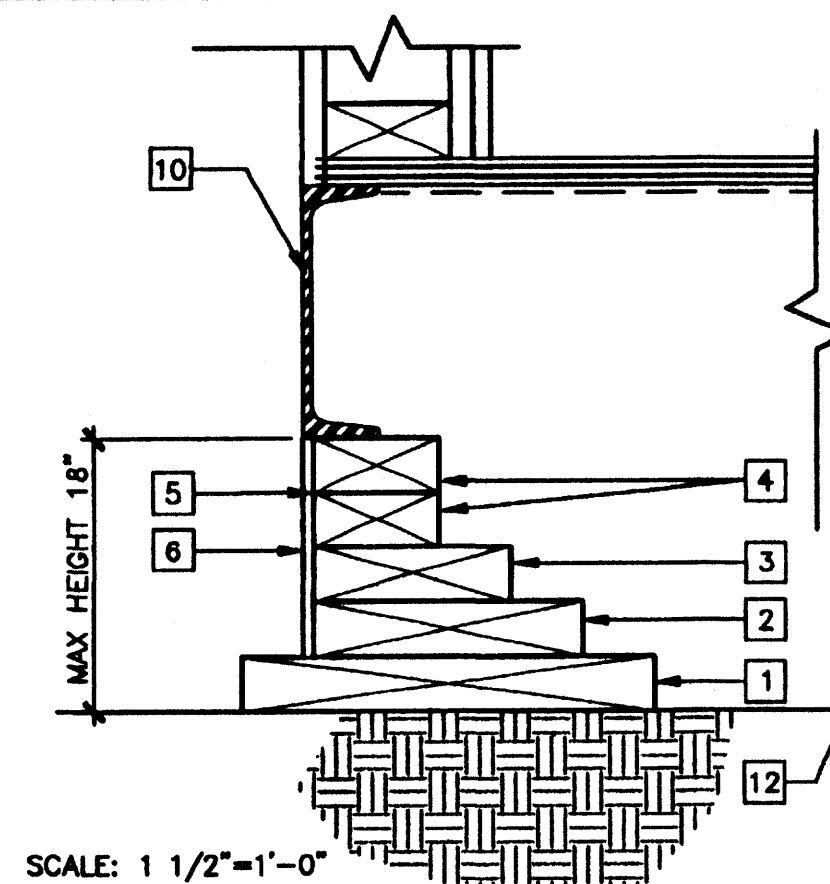
9	TIE PLATE
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5	FOUNDATION AT SIDE WALL	1
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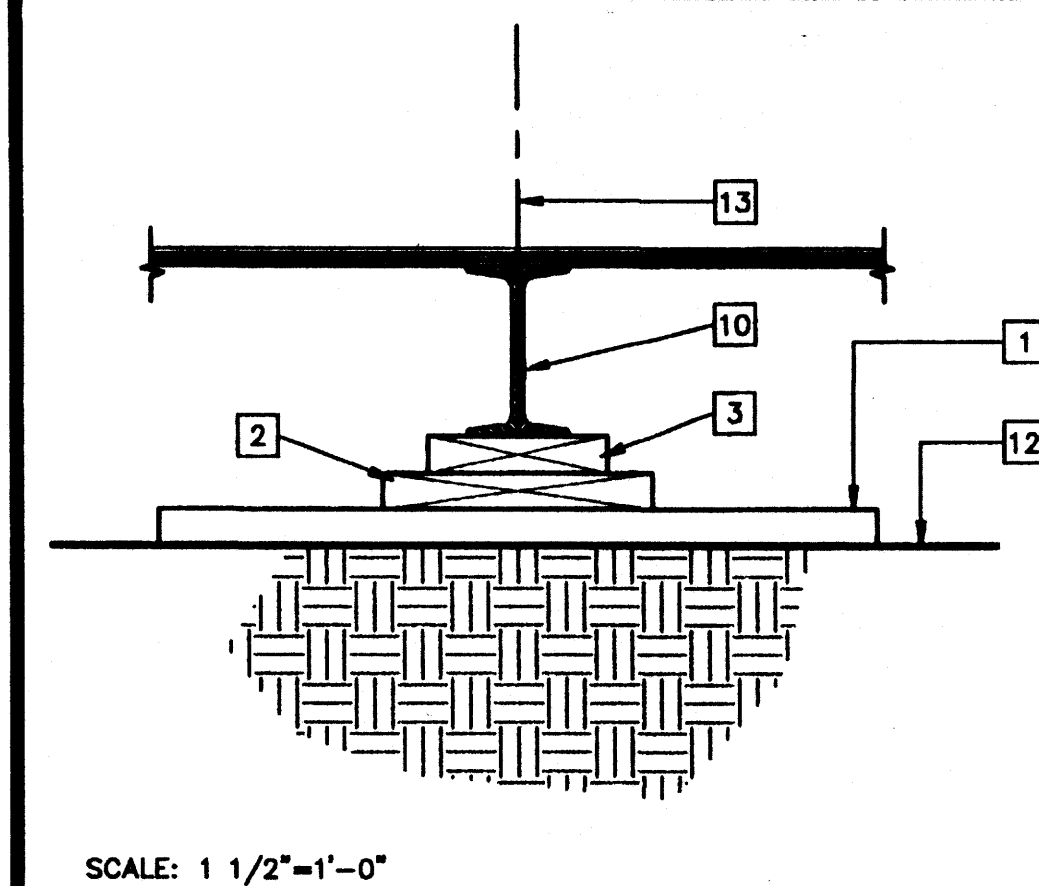
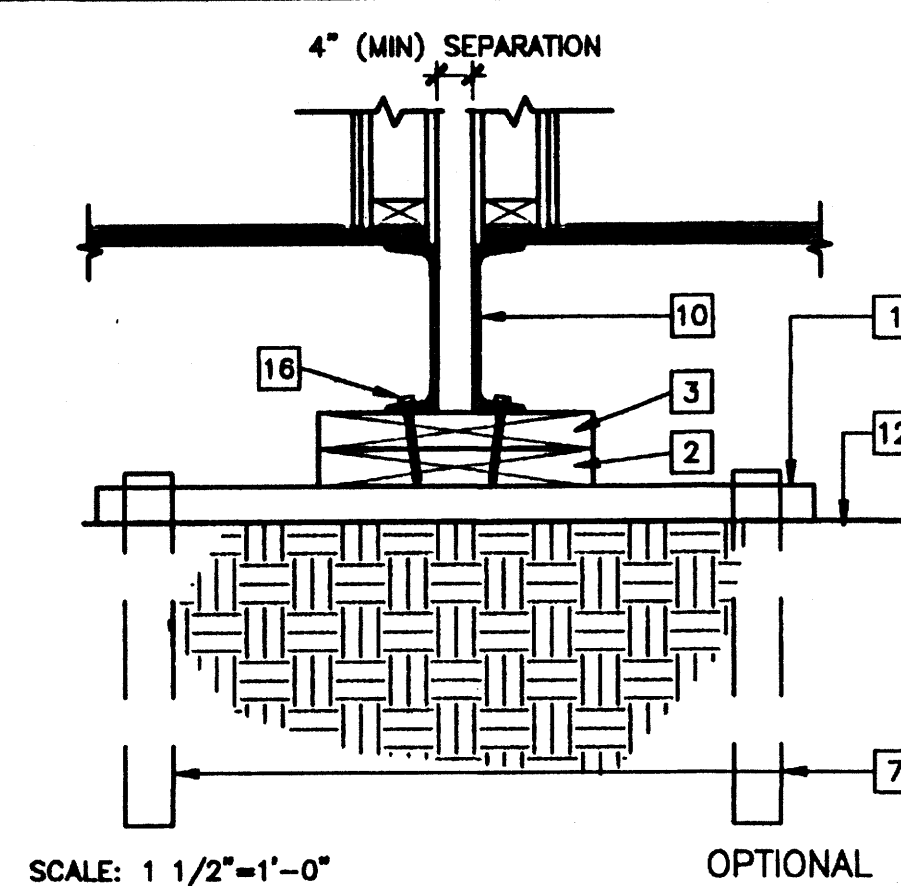
10	TIE PLATE
----	-----------

6	FOUNDATION AT END WALL	2
---	------------------------	---



ADDITIONAL BLOCKING

FOUNDATION AT MODLINE	3
-----------------------	---



FOUNDATION AT ADJACENT BUILDING

FOUNDATION AT MODLINE	4
-----------------------	---

- ## KEY NOTES

- 1 SILL PLATE - SEE FOUNDATION PLATE SCHEDULE.
- 2 BLOCKING PLATE - SEE FOUNDATION PLATE SCHEDULE, ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
- 3 TOP PLATE - SEE FOUNDATION PLATE SCHEDULE, ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
- 4 ADDITIONAL 2"x4" BLOCKING AS NECESSARY FOR LEVELING
- 5 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE
- 6 SKIRTING-3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
- 7 SILL RESTRAINT - SEE NOTE 1
- 8 TIE PLATE 6"x12"x10 GA
- 9 TIE PLATE 4"x12"x10 GA
- 10 FLOOR BEAM
- 11 FLOOR HEADER
- 12 FINISH GRADE
- 13 MODLINE
- 14 1/4" DIA STS TYPICAL 4 PLACES
- 15 1/4" DIAx3" LONG LAG SCREW TYPICAL 4 PLACES
- 16 5/8" DIAx4" LAGS (FOR LOCATION SEE PLAN)
- 17 REMOVE AT VENT LOCATIONS

PC

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REVISIONS		
1		
2		
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4		
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects See

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AC FILED SEP 17 1995
 DATE SEP 17 1995



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PROJECT NUMBER: 4134, 4153, 4173, 4207 © MODTECH, INC. 2001
4203, 4215
4250, 4284, 4302, 4350
4304, 4347, 4373, 4422
4506

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

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

F1.21

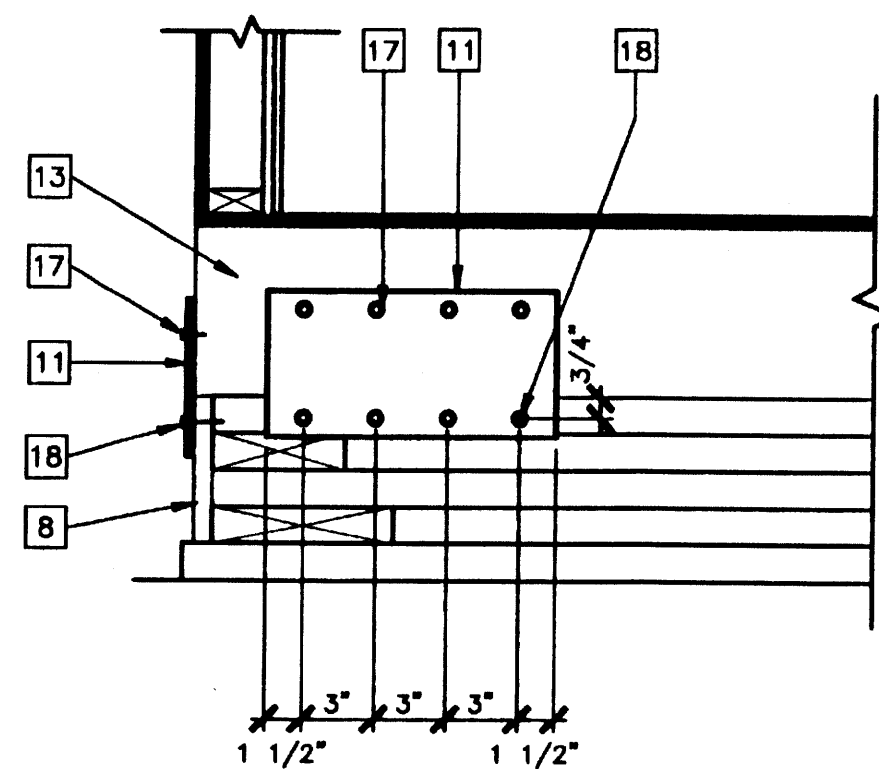
STKP-62

PROJECT NO. 4134 4207

PC-04-101268

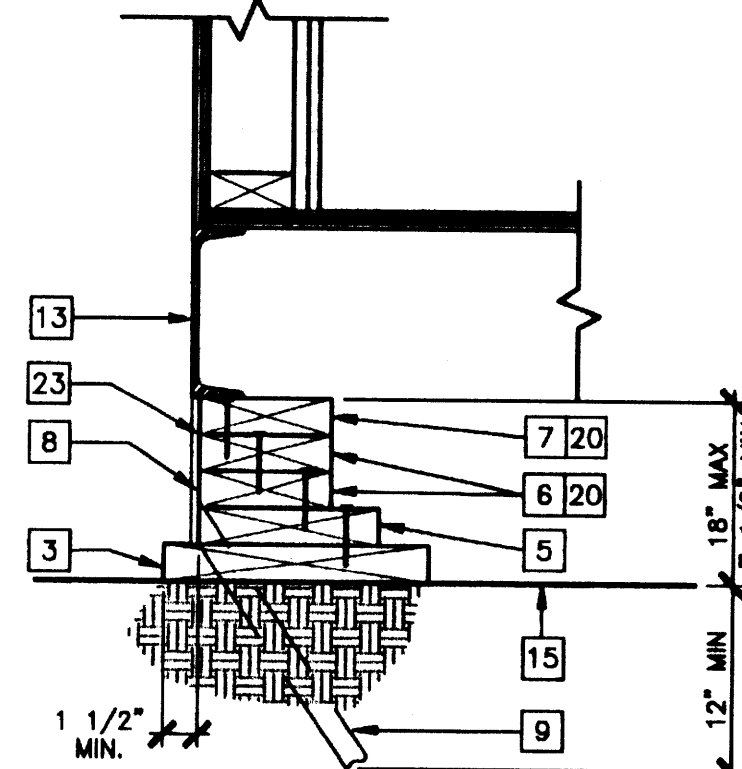
KEY NOTES

- 2"x12"x24" SILL PLATE
- 2"x12"x20" SILL PLATE
- 2"x12" CONTINUOUS SILL PLATE
- 2"x12" CONTINUOUS BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
- 2"x8" BLOCKING PLATE ATTACH TO SILL OR BLOCKING WITH 16d NAILS AT 12" OC
- 2"x6" BLOCKING PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
- 2"x6" TOP PLATE ATTACH TO BLOCKING WITH 16d NAILS AT 12" OC
- SKIRTING - 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" OC AT END WALLS AND 6" OC AT SIDE WALLS, FIELD NAILING 12" OC
- SILL RESTRAINT - SEE NOTE 1
- FLOW THROUGH VENT
- TIE PLATE 6"x12"x10 GA
- TIE PLATE 4"x12"x10 GA
- FLOOR BEAM
- NOT USED
- FINISH GRADE
- MODLINE
- 1/4" DIA STS TYPICAL 4-PLACES
- 1/4" DIAx3" LONG LAG SCREW TYPICAL 4-PLACES
- 5/8" DIAx4" LAGS
- REMOVE AT VENT LOCATIONS
- DOOR
- ALUMINUM THRESHOLD
- LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS TOP PLATE



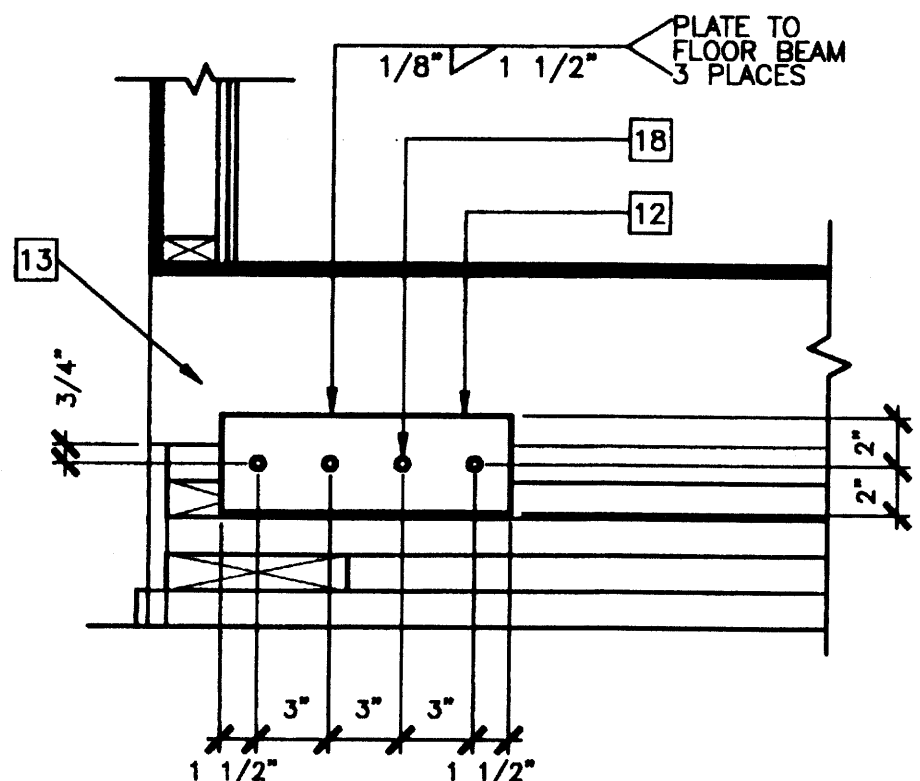
SCALE: 1 1/2"=1'-0" LAG BOLT TO FLOOR BEAM

9 TIE PLATE



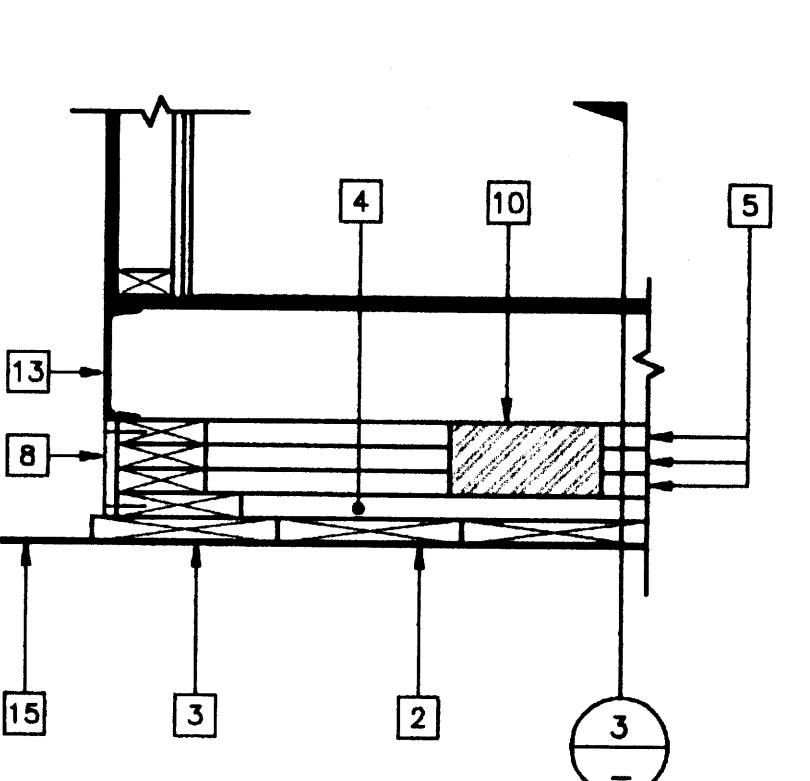
SCALE: 1 1/2"=1'-0"

5 FOUNDATION TYPICAL



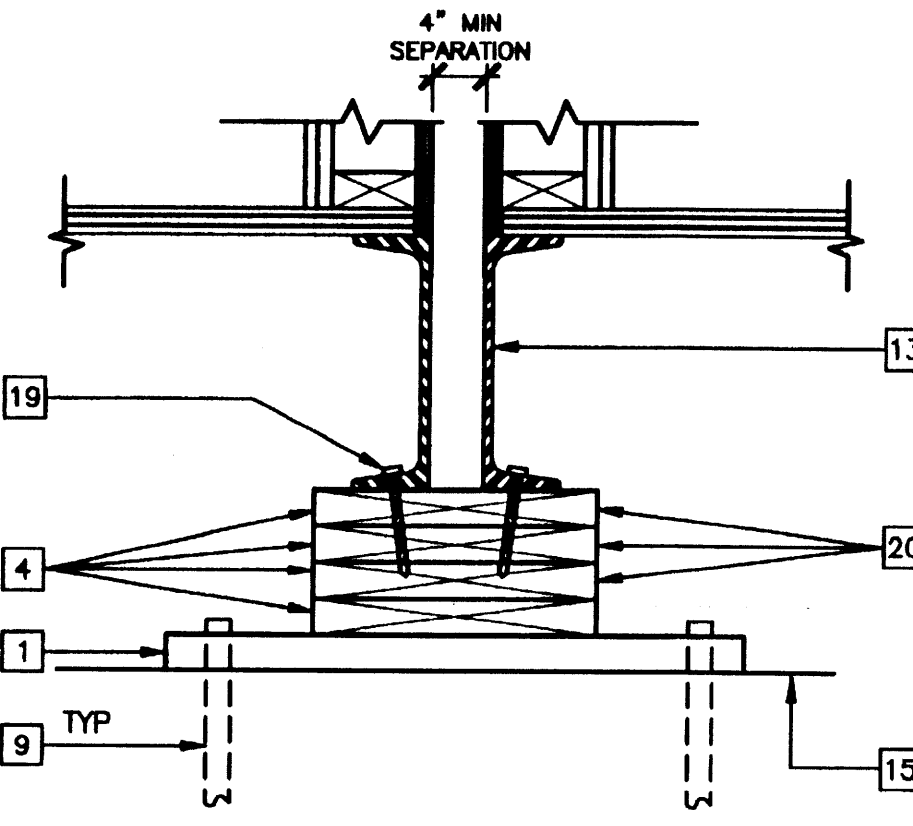
SCALE: 1 1/2"=1'-0" WELDED TO FLOOR BEAM

9 TIE PLATE (ALTERNATE)



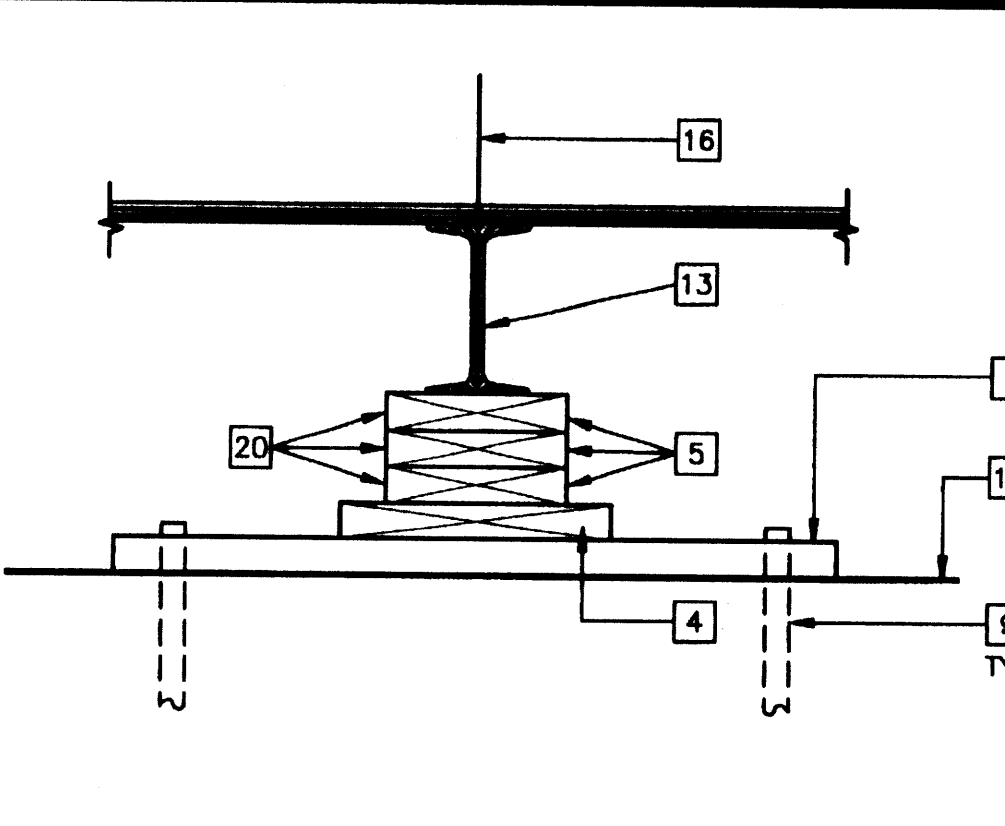
SCALE: 1"=1'-0"

1 MODLINE PAD AT END WALL



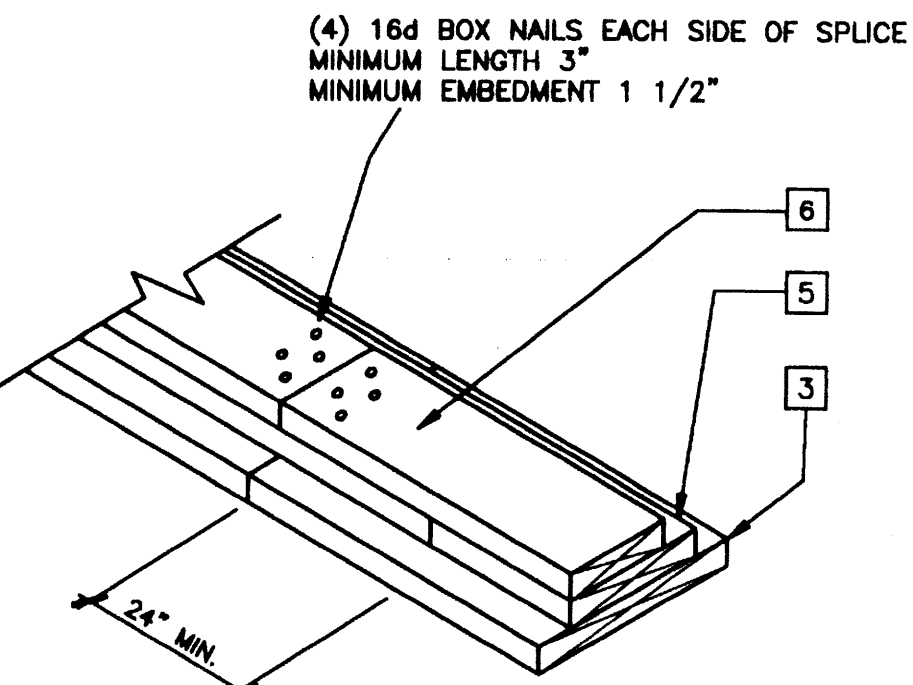
SCALE: 1 1/2"=1'-0" OPTIONAL

6 TIE PLATE (OPTIONAL)



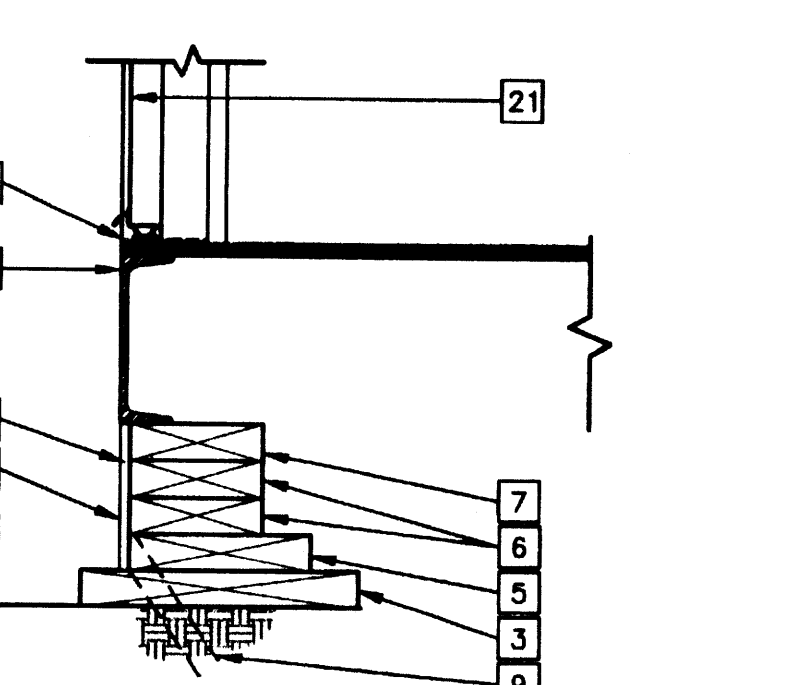
SCALE: 1 1/2"=1'-0"

2 MODLINE PAD AT END WALL



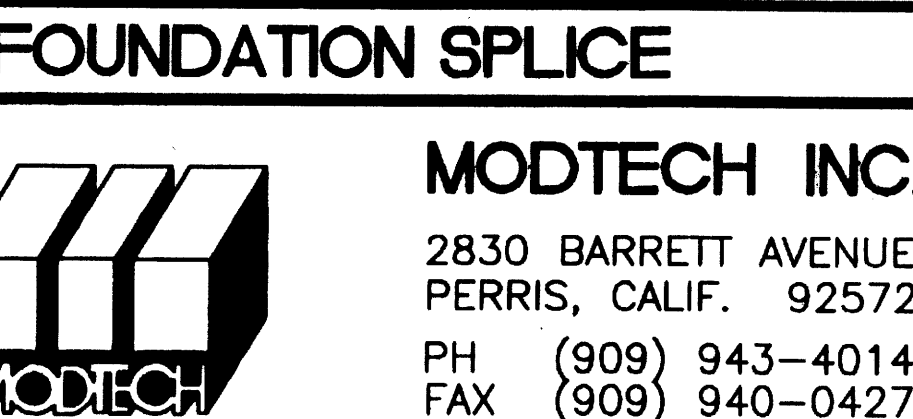
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7 FOUNDATION AT ADJACENT BUILDING



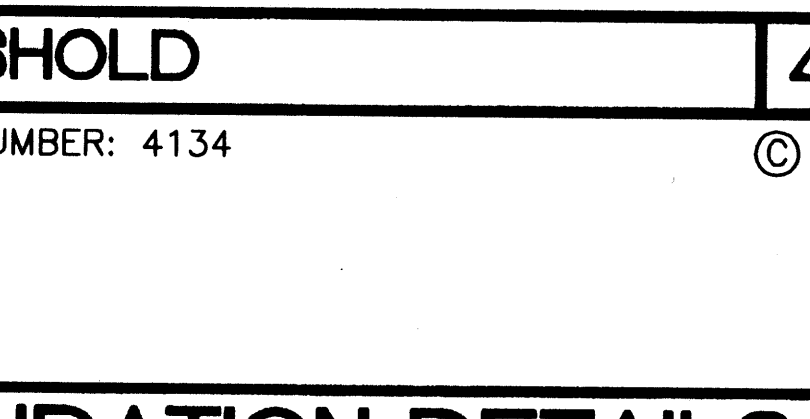
SCALE: 1 1/2"=1'-0"

3 FOUNDATION AT MODLINE



SCALE: NTS

8 FOUNDATION SPLICE



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

4 THRESHOLD

REVISIONS		
1		
2		
3		
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5		

Electrical Engineer's Seal

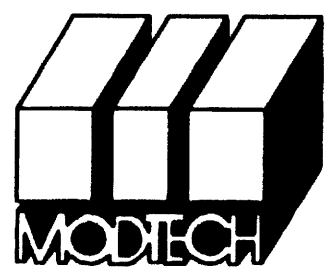
Mechanical Engineer's Seal

Structural Engineer's Seal

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PROJECT NUMBER: 4134

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

FOUNDATION DETAILS

WOOD/125 PSF

F1.22

STKP-62

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	12"	12"	SEE SHEET F2.02	SEE SHEET F2.02
ENDWALL	17"/18"	19"	SEE SHEET F2.02	SEE SHEET F2.02
PAD	3'-4"/3'-5"	4'-0"/3'-10"	SEE SHEET F2.02	SEE SHEET F2.02
PAD AT 4" SEPARATION	3'-9"/3'-8"	4'-3"/4'-1"	SEE SHEET F2.02	SEE SHEET F2.02
STD BLDG	* = VALUE FOR CONCRETE FLOOR			
ADMIN BLDG				

VENTING SCHEDULE

BUILDING	(SF) AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(4) A	7.00	-	-	7.00
30'x40'	1440	9.6	(6) A	10.5	-	-	10.5
48'x40'	1920	12.8	(6) B	14.00	-	-	14.00
60'x40'	2400	16	(6) B	14.00	(2) C	2.33	16.33
72'x40'	2880	19.2	(6) B	14.00	(4) C (1) D	5.25	19.25
84'x40'	3360	22.4	(6) B	14.00	(7) C (1) D	8.75	22.75
96'x40'	3840	25.6	(6) B	14.00	(10) C	11.66	25.66
108'x40'	4320	28.8	(6) B	14.00	(13) C	15.16	29.16
120'x40'	4800	32	(6) B	14.00	(15) C (1) D	18.07	32.07
132'x40'	5280	35.2	(6) B	14.00	(18) C (1) D	21.57	35.57
144'x40'	5760	38.4	(6) B	14.00	(21) C	24.49	38.49

LEGEND

VENT A 6'x3.5' = 1.75 SF
VENT B 8'x3.5' = 2.33 SF
VENT C 4'x3.5' = 1.166 SF
VENT D 2'x3.5' = 0.583 SF

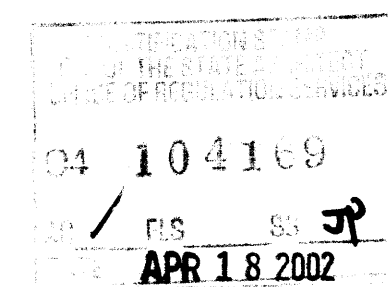
NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

KEY NOTES

- 1 END WALL FOOTING - SEE FOOTING SCHEDULE
- 2 SIDE WALL FOOTING - SEE FOOTING SCHEDULE
- 3 INTERIOR RETURN FOOTING - SEE FOOTING SCHEDULE
- 4 MODLINE RETURN AT 4" SEPARATION - OPTIONAL
- 5 STEM WALL - 8" TYPICAL UON
- 6 MODLINE PAD
- 7 MODLINE PAD AT 4" SEPARATION - OPTIONAL
- 8 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- 9 18" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- 10 TYPICAL VENT
- 11 ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
- 12 MODLINE
- 13 4" BUILDING SEPARATION AT ADJACENT BUILDINGS - OPTIONAL
- 14 NOT USED
- 15 ANCHOR BOLT LOCATION - (1) AT EACH CORNER OF BUILDING AND (2) AT EACH MODLINE LOCATION

NOTES

1. SOIL TYPE AND FOUNDATION
A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
2. CONCRETE
ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: $f_c' = 3000$ PSI (DESIGN BASED ON $f_c' = 2000$ PSI). CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150, UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A. THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
3. REINFORCING STEEL GRADE 40.
ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
4. FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
5. THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
6. MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
MAX VENT LENGTH AT END WALLS IS 4'-0"
MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
MIN DISTANCE BETWEEN VENTS IS 2'-0"



ST&P-62

FOUNDATION PLAN

ABOVE GRADE CONCRETE
SCALE: 1/4" = 1'-0"

PC
CBC 1998

REVISED OCT 25 2011
REVISED OCT 19 2009

REVISIONS	DATE	DESCRIPTION	BY
1	10/16/09	MODTECH FIX	FYH
2	10/16/09	ADD DELETE VENT NOTE	FYH
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

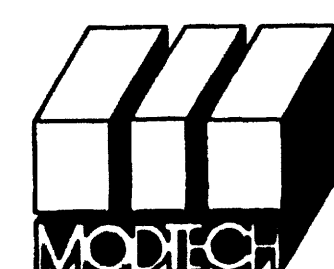
Architect

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DATE: APR 15 2002

CHECKED BY: 4012-121

DATE: 04-16-02

MODTECH Index No.

F2.01

FOUNDATION PLAN AGC - 50, 50+20 PSF

FOOTING SCHEDULE

DESIGN FLOOR LIVE LOAD	50 PSF	50+20 PSF	100 PSF	125 PSF
SIDEWALL	12"	12"	SEE SHEET F3.02	SEE SHEET F3.02
ENDWALL	17"/18"	19"		
PAD	3'-4"/3'-5"	4'-0"/3'-10"		
PAD AT 4" SEPARATION	3'-9"/3'-9"	4'-3"/4'-1"		
STD BLDG	* = VALUE FOR CONCRETE FLOOR			
ADMIN BLDG				

VENTING SCHEDULE

BUILDING	(SF) VENTING AREA	(SF) VENTING REQUIRED	SIDE WALL VENTING	SIDE WALL VENT AREA	END WALL VENTING	END WALL VENT AREA	TOTAL VENT SUPPLIED
24'x40'	960	6.4	(5) A	7.8	-	-	7.8
30'x40'	1440	9.6	(4) B	9.6	-	-	9.6
48'x40'	1920	12.8	(6) B	14.4	-	-	14.4
60'x40'	2400	16	(4) C (2) B	12.92 4.8	-	-	17.7
72'x40'	2880	19.2	(6) C	19.38	-	-	19.4
84'x40'	3360	22.4	(6) C	19.38	(2) A (1) D	3.65	23.03
96'x40'	3840	25.6	(6) C	19.38	(4) A (1) D	6.6	25.9
108'x40'	4320	28.8	(6) C	19.38	(6) A (1) D	9.5	28.9
120'x40'	4800	32	(6) C	19.38	(9) A	31.1	32.52
132'x40'	5280	35.2	(6) C	19.38	(11) A	16.1	35.5
144'x40'	5760	38.4	(6) C	19.38	(13) A (1) D	24.49	39.08

LEGEND	VENT	SIZE	AREA (SF)	GRATE SIZE
	A	3'-9"x5"	1.56	4'x8"
	B	5'-9"x5"	2.40	6'x8"
	C	7'-9"x5"	3.23	8'x8"
	D	1'-9"x5"	0.73	2'x8"
ACCESS (OPTIONAL)	E	2'-9"x18"	4.13	3'x2'

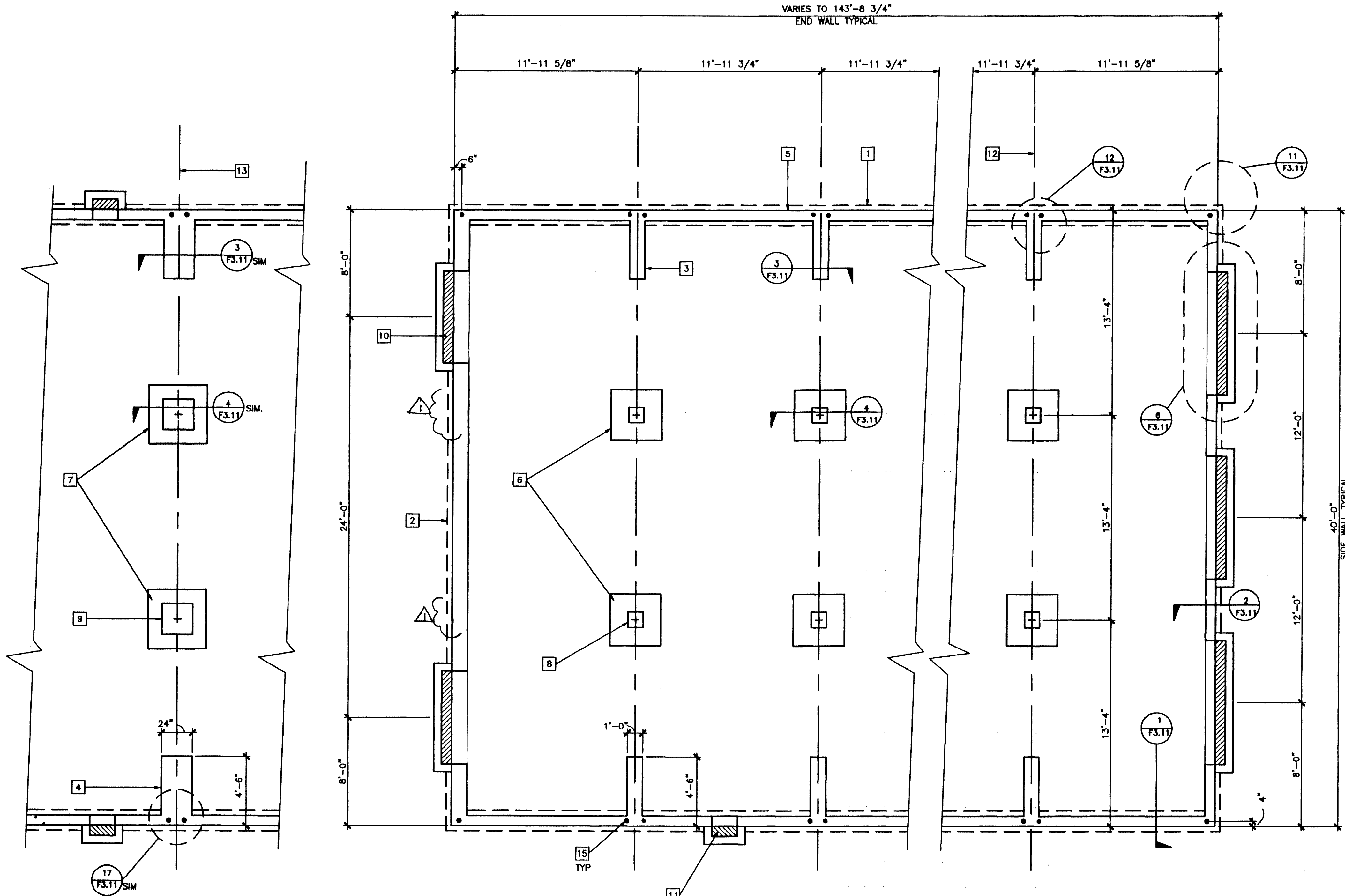
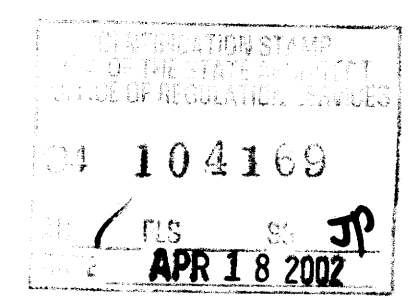
NOTE: DELETE ALL UNDER FLOOR VENTS WHEN SINGLE STORY BUILDING OR BOTTOM FLOOR OF TWO STORY BUILDING UTILIZES THE CONCRETE FLOOR OPTION.

KEY NOTES

- END WALL FOOTING - SEE FOOTING SCHEDULE
- SIDE WALL FOOTING - SEE FOOTING SCHEDULE
- INTERIOR RETURN FOOTING - SEE FOOTING SCHEDULE
- MODLINE RETURN AT 4" SEPARATION - OPTIONAL
- STEM WALL - 8" TYPICAL UON
- MODLINE PAD
- MODLINE PAD AT 4" SEPARATION - OPTIONAL
- 12" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- 19" DIA OR SQUARE PEDESTAL (TYPICAL AT MODLINE)
- TYPICAL VENT
- ADDITIONAL END WALL VENTS AS REQUIRED (48" MAXIMUM LENGTH) OR INCREASE VENT HEIGHT AS REQUIRED AT SIDEWALLS
- MODLINE
- 4" BUILDING SEPARATION AT ADJACENT BUILDING - OPTIONAL
- NOT USED
- ANCHOR BOLT LOCATION - (1) AT EACH CORNER OF BUILDING AND (2) AT EACH MODLINE LOCATION

NOTES

- SOIL TYPE AND FOUNDATION**
A. BEARING: SOIL BEARING VALUE OF 1000 PSF USED FOR DESIGN.
B. FOOTINGS: ALL FOOTINGS SHALL EXTEND 12 INCHES MINIMUM INTO NATIVE SOIL OR APPROVED ENGINEERED FILL.
- CONCRETE**
ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM STRENGTH AT 28 DAYS: FOOTINGS: $f'_c = 3000$ PSI (DESIGN BASED ON $f'_c = 2000$ PSI). CONCRETE SHALL CONFORM TO TITLE 24 SECTION 1905A.2.3 METHOD A OR B. METHOD A NON-DESIGNED MIX PER TABLE 19A-A-8. METHOD B PER SECTION 1905A.3.1. CONCRETE SUPPLIER SHALL PROVIDE CONCRETE MIX DESIGN AND A BREAK HISTORY OF 30 CONSECUTIVE BREAKS IDENTIFIED TO THAT MIX DESIGN. ALL CEMENT SHALL BE TYPE I OR TYPE II PER ASTM C-150. UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SPECIFICATIONS OR GEOTECHNICAL REPORT FOR DSA METHOD A, THE FOLLOWING PROPORTIONS ARE REQUIRED: MINIMUM 7.1 SACKS PER YARD. WATER CONTENT SHALL NOT EXCEED 6 GALLONS PER SACK. AGGREGATE SHALL BE 3/4" TO 1" MAXIMUM SIZE BUT NOT MORE THAN 3/4" OF MINIMUM CLEAR BAR SPACING. ANCHOR BOLTS, DOWELS, REINFORCING STEEL AND EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
- REINFORCING STEEL GRADE 40.**
ALL REINFORCING STEEL SHALL BE BILLET STEEL PER ASTM A-615 WELDED REINFORCING STEEL SHALL CONFORM TO ASTM A-706, OR SHALL BE ASTM A-615 PREHEATED AND WELDED PER AWS D1.4-79.
- FOR FOOTINGS USING TRENCH FOR FORMING WIDTH SHALL BE INCREASED 2" EA. SIDE
- THE ABOVE FOUNDATION PLAN HAS 1/4" ADDED AT EACH MOD LINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- MAX VENT LENGTH AT SIDE WALLS IS 8'-0"
MAX VENT LENGTH AT END WALLS IS 4'-0"
MIN DISTANCE FROM VENT TO EDGE OF MODULE IS 2'-0"
MIN DISTANCE BETWEEN VENTS IS 2'-0"



FOOTINGS AT ADJACENT BUILDING (OPTIONAL 4" SEPARATION)

REVISED OCT 2 5 2001
REVISED OCT 1 9 2001
PC
CBC 1998

FOUNDATION PLAN

BELOW GRADE CONCRETE
SCALE: 1/4" = 1'-0"

REVISIONS	DATE	DESCRIPTION	BY
1	10/18/00	MODTECH FIX	
2	1/11/01	ADD DELETE VENT NOTE	KZS/01
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 SEP 11 7 1999

REVISED AUG 3 1 2000

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

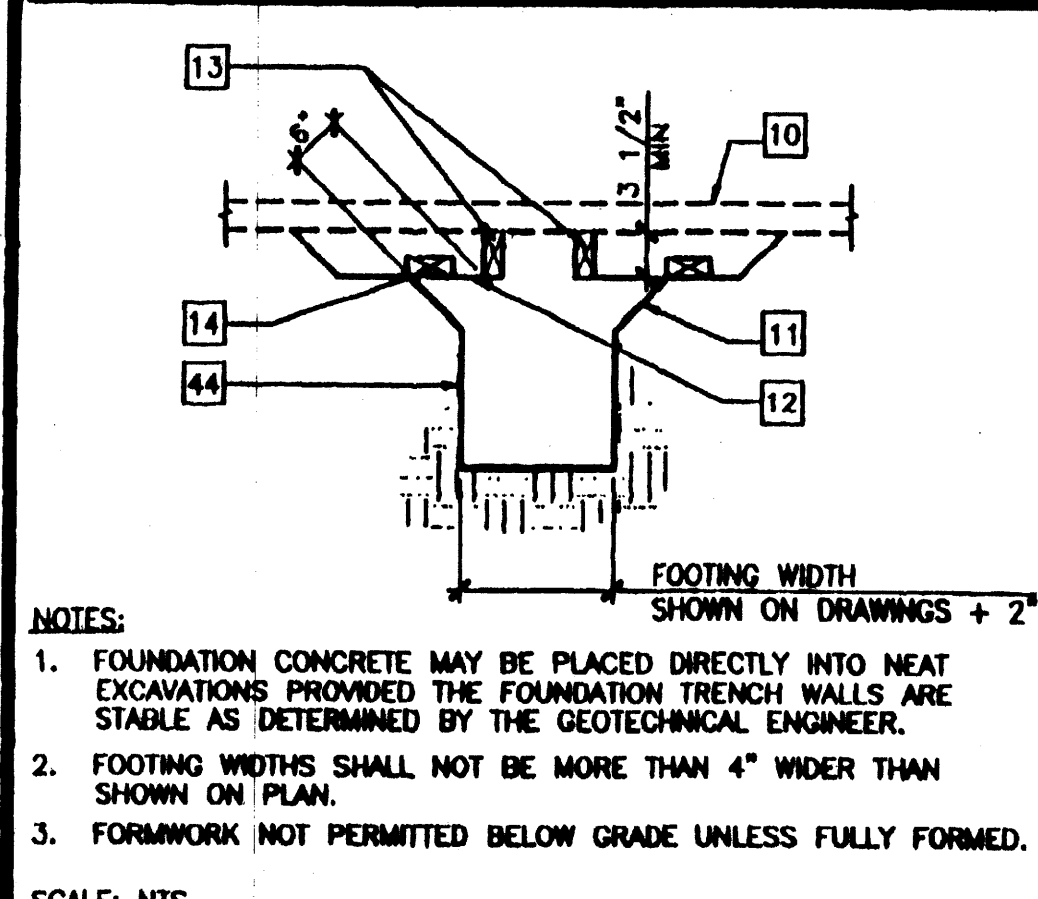
PROJECT NUMBER: 4134

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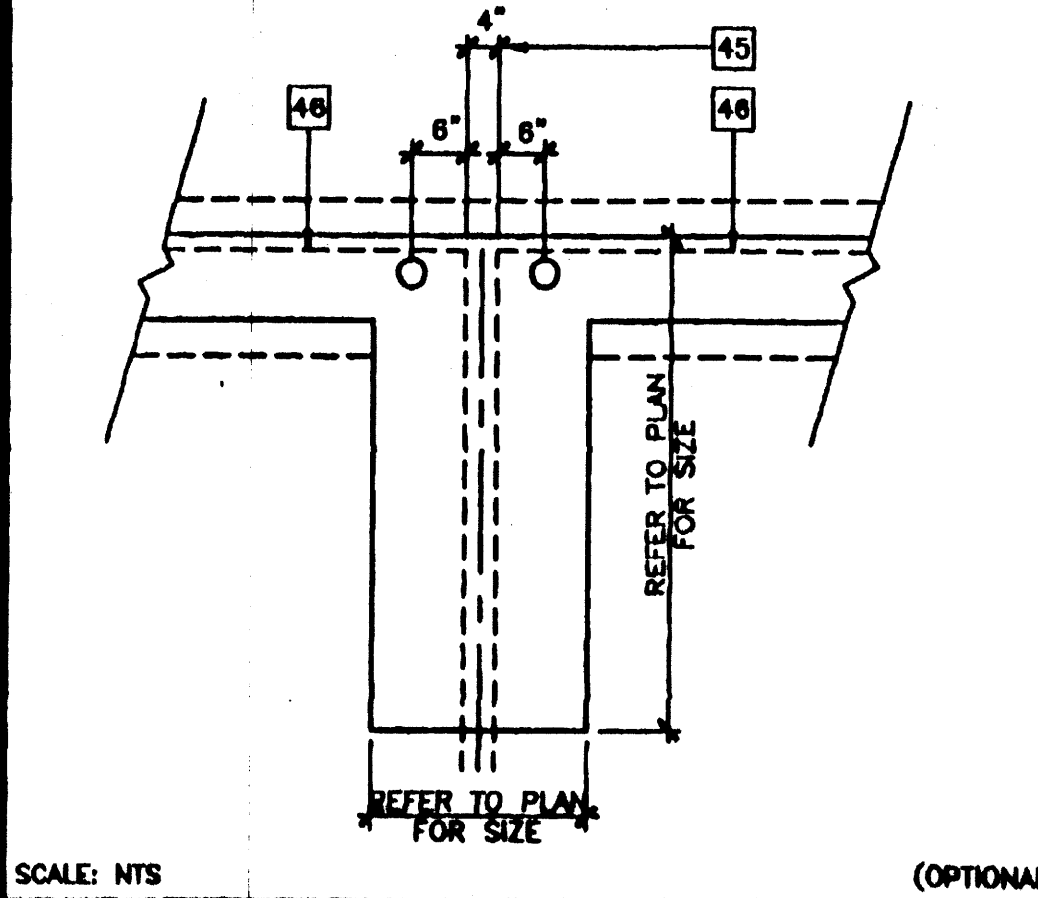
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.

FOUNDATION PLAN BGC - 50, 50+20 PSF

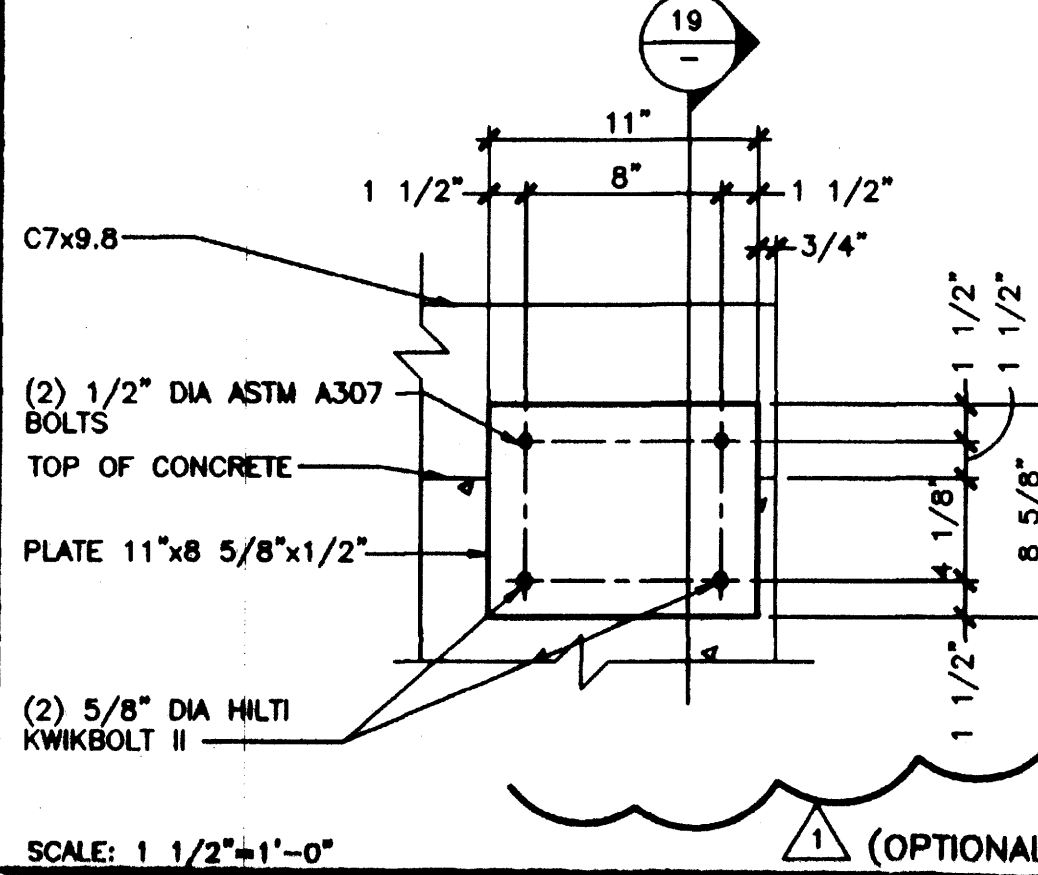
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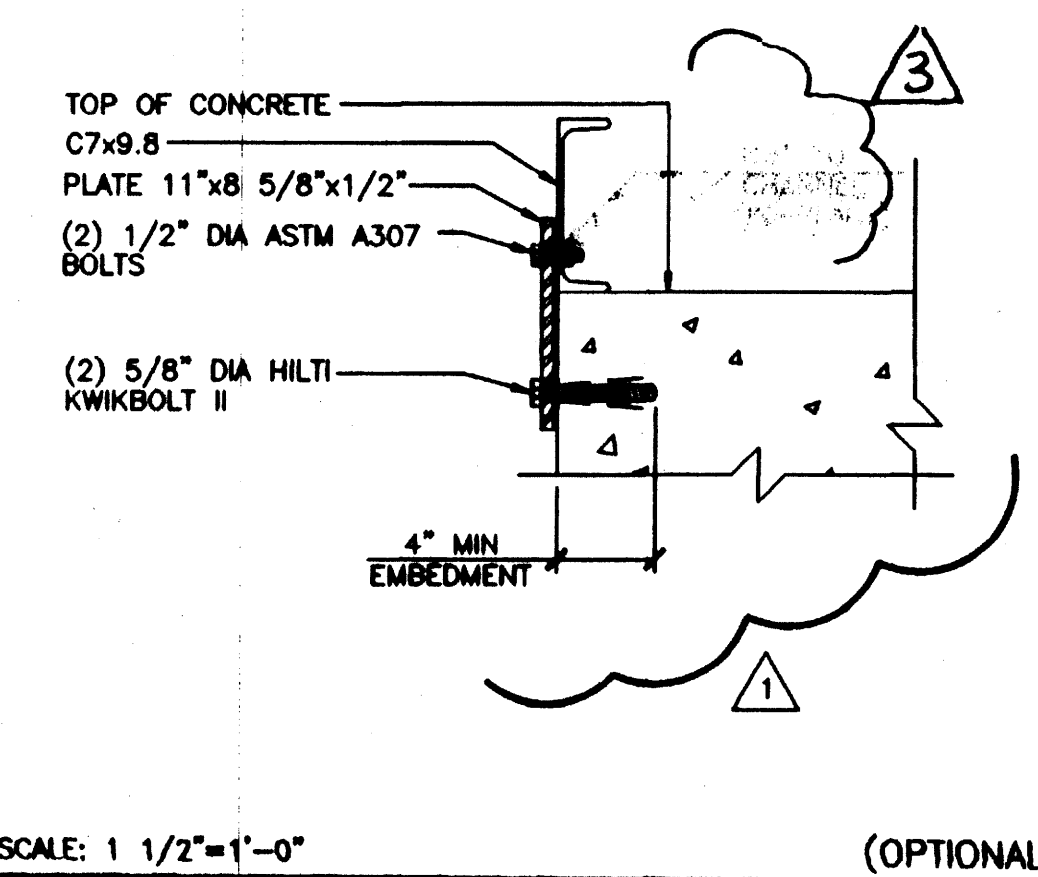
FOOTING FORMS - PERMANENT



ANCHOR BOLT AT ADJACENT BUILDING

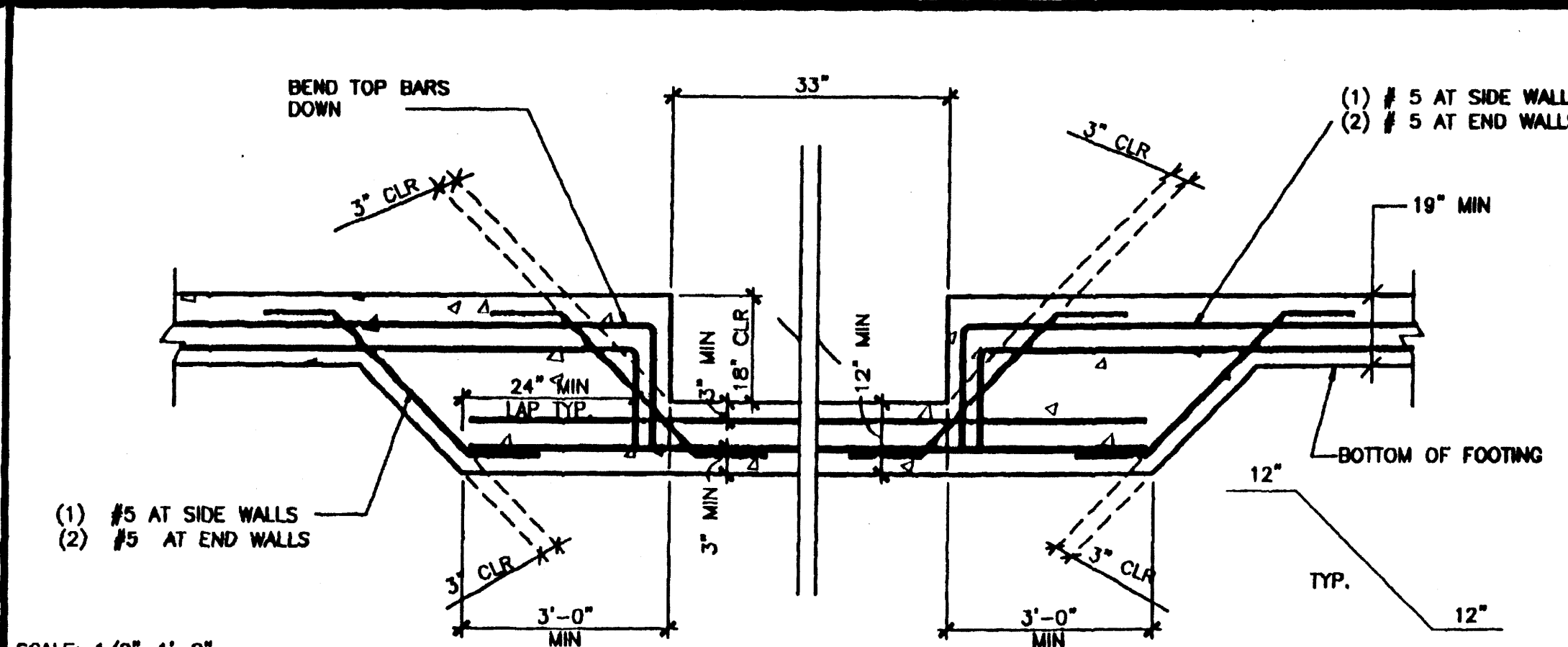


ALTERNATE FOUNDATION ANCHORAGE

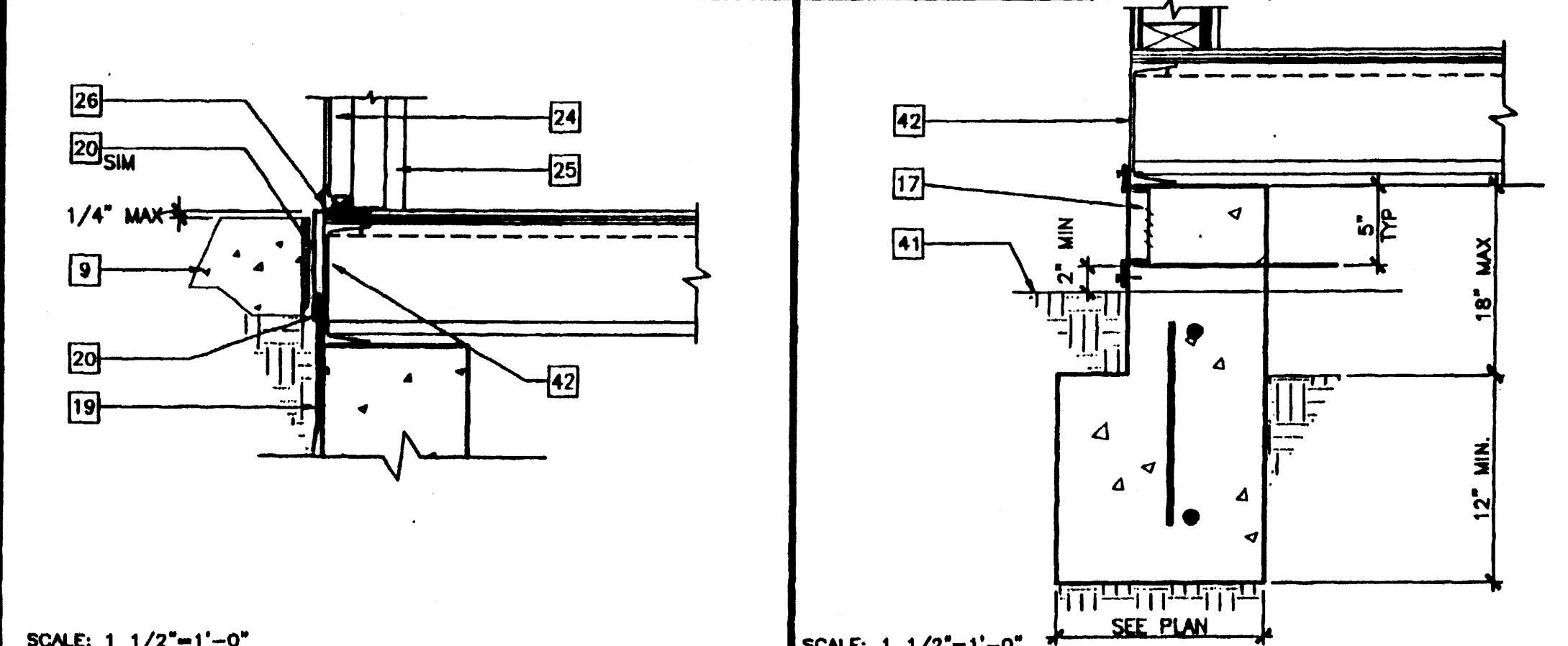


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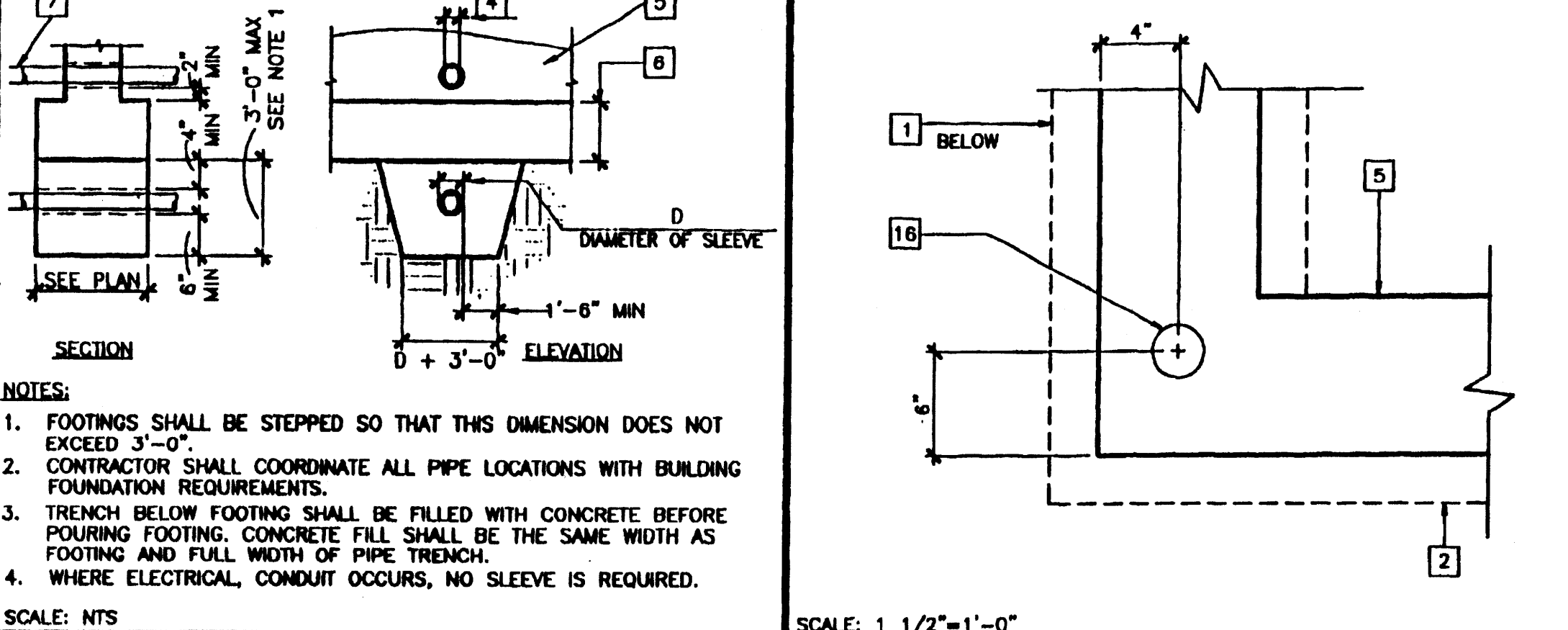
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2	SP MODTECH ENGINEERING CHANGE	09/28/00
3	MODTECH FIX	10/18/00
4	FVH CHANGE 3/4 TO 3/8 BOLT	5/5/01



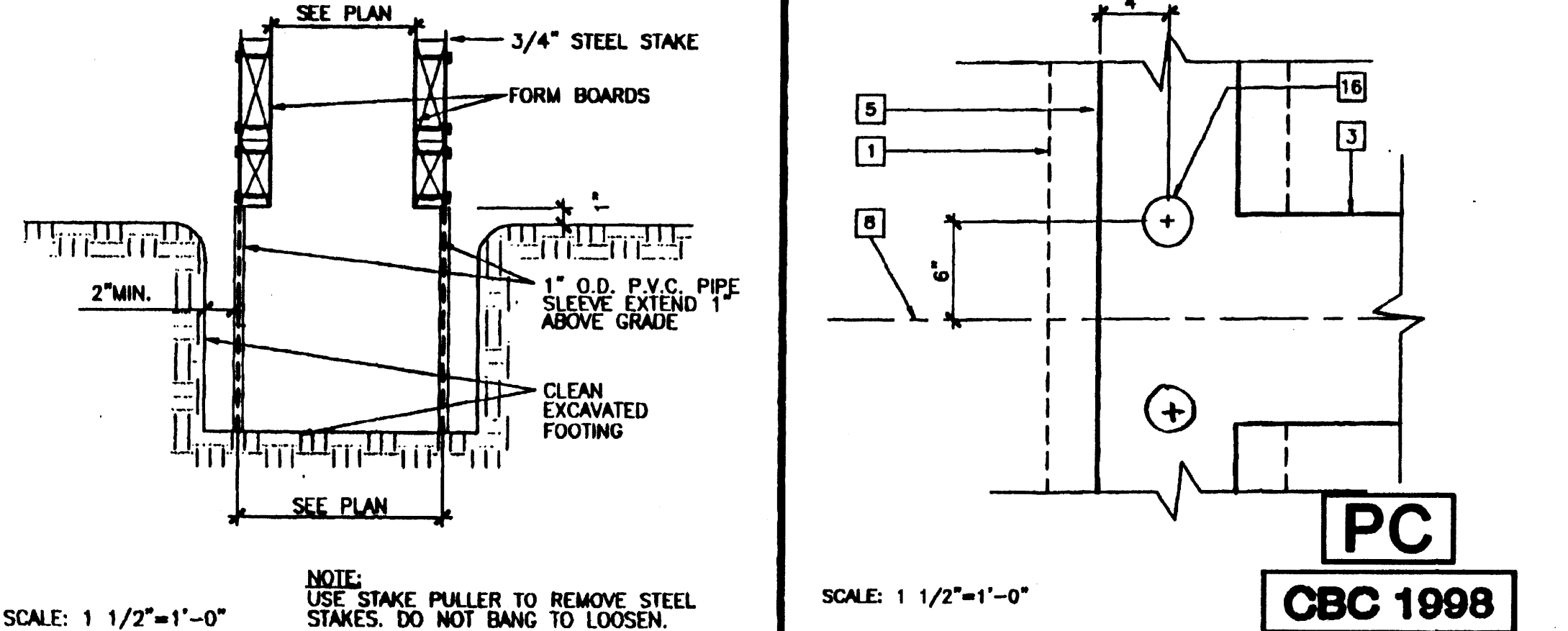
ACCESS VENT ELEVATION



CURB AND WALKWAY AND DOOR

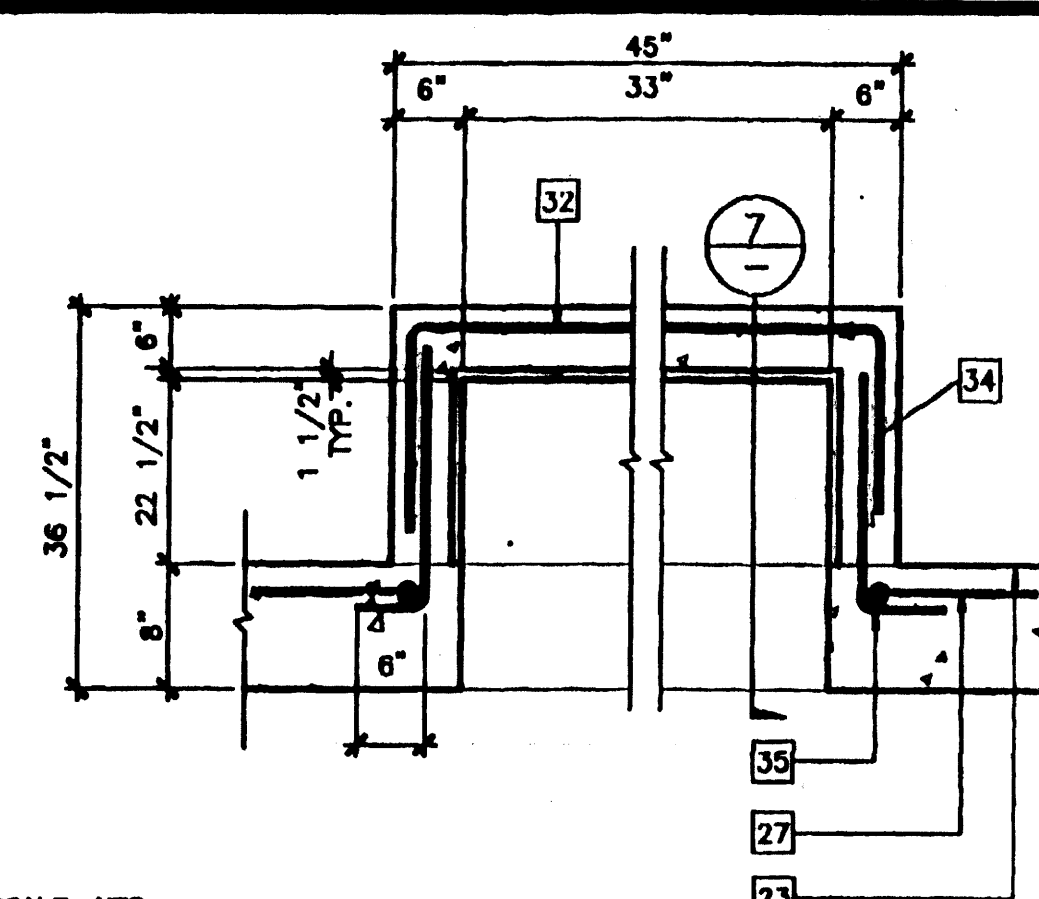


PIPES PERPENDICULAR TO FOOTINGS

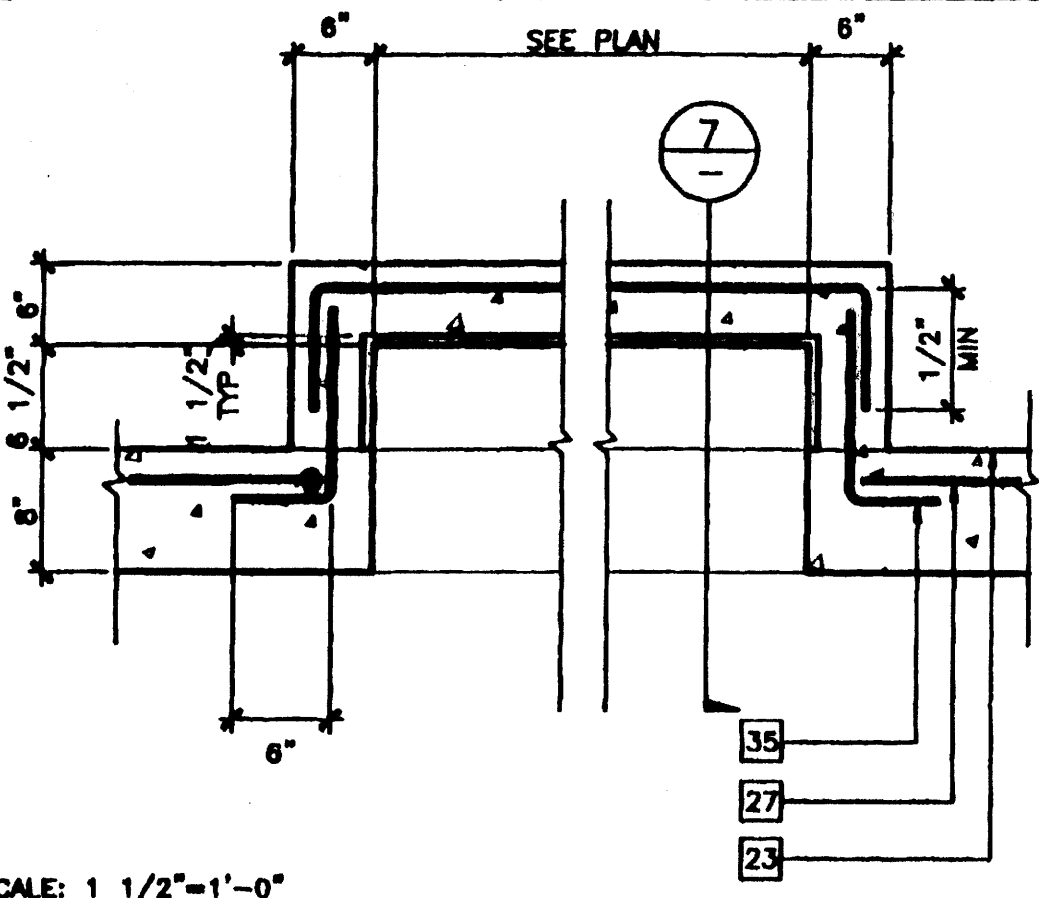


FOOTING FORMS - TEMPORARY

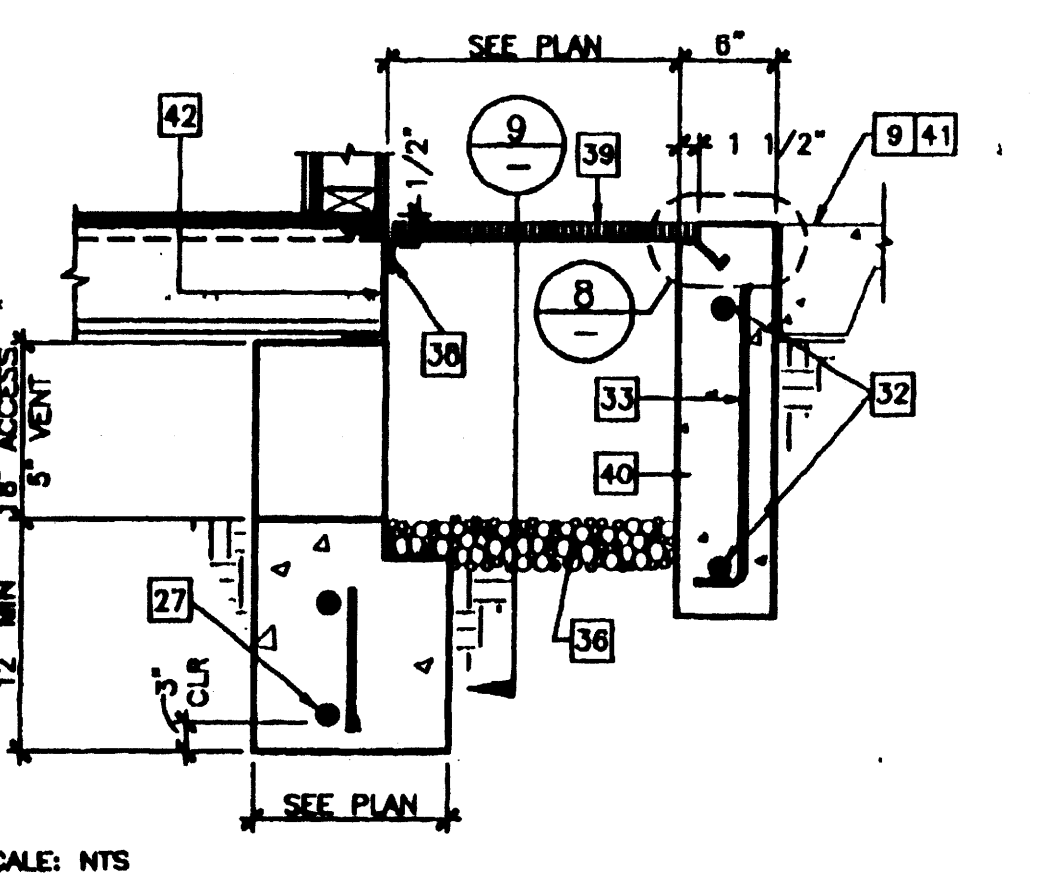
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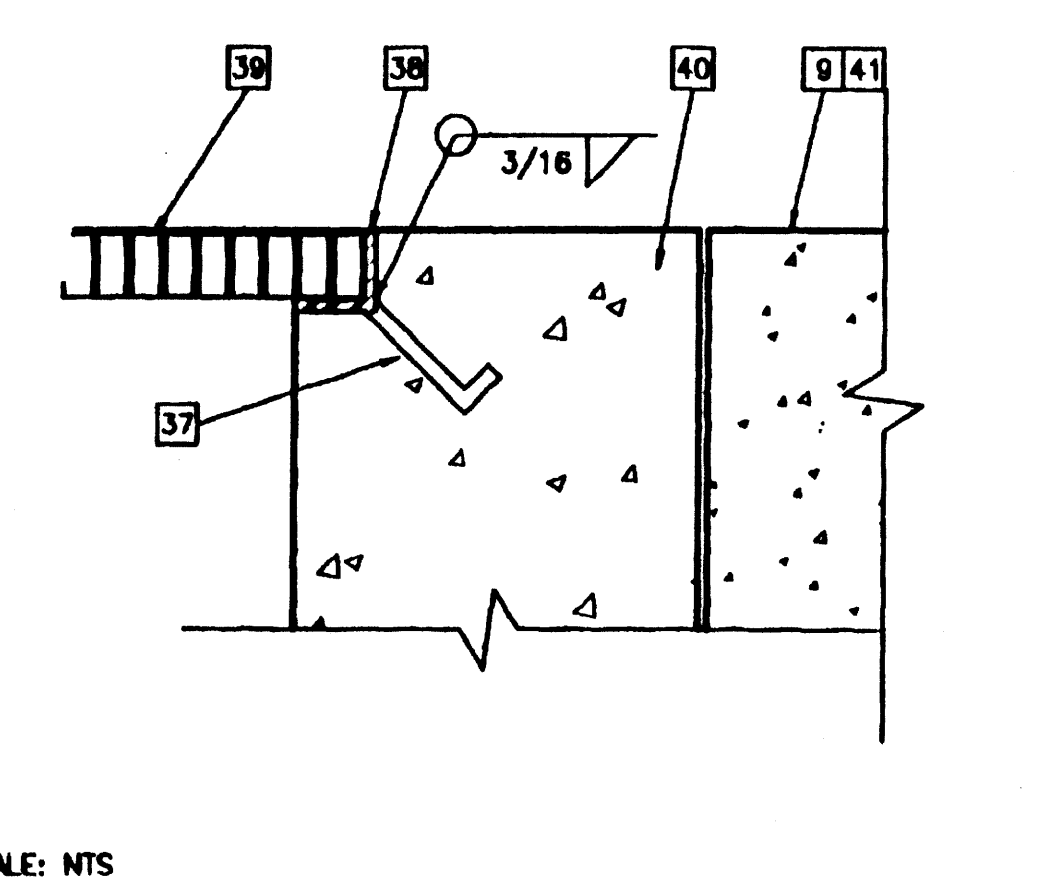
ACCESS VENT



TYPICAL VENT

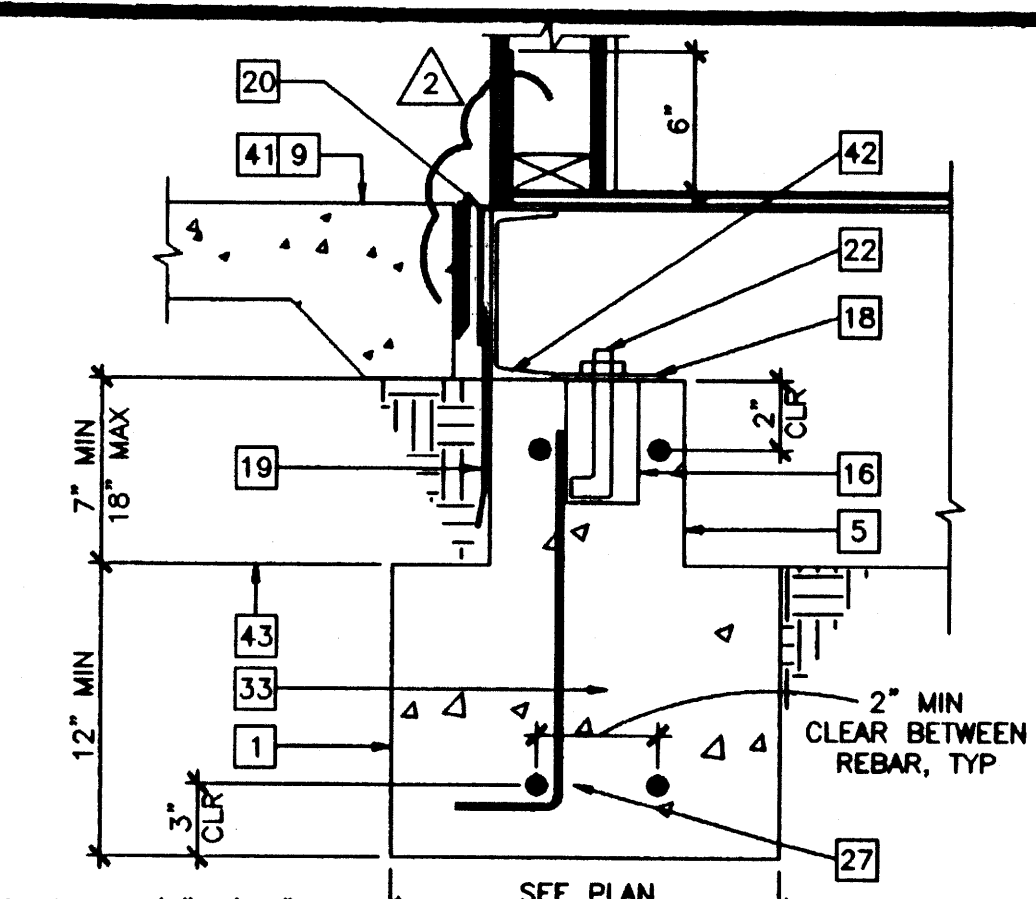


ACCESS / VENT SECTION

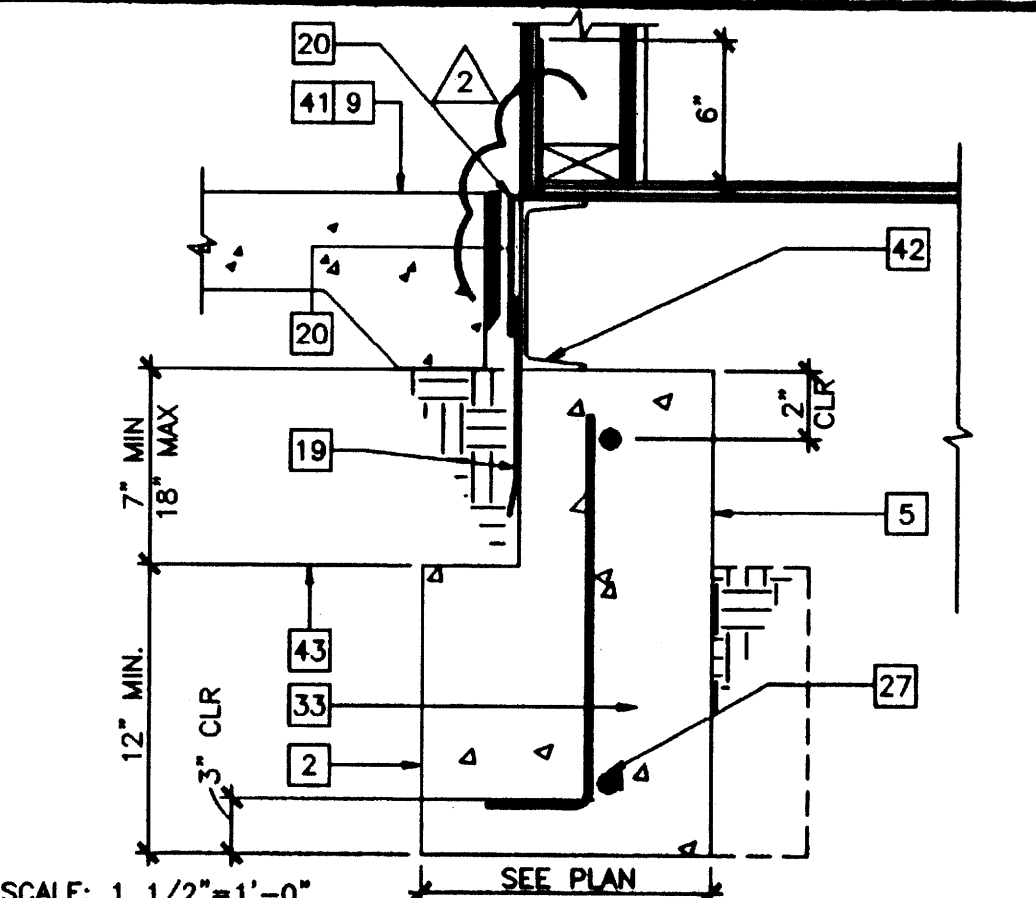


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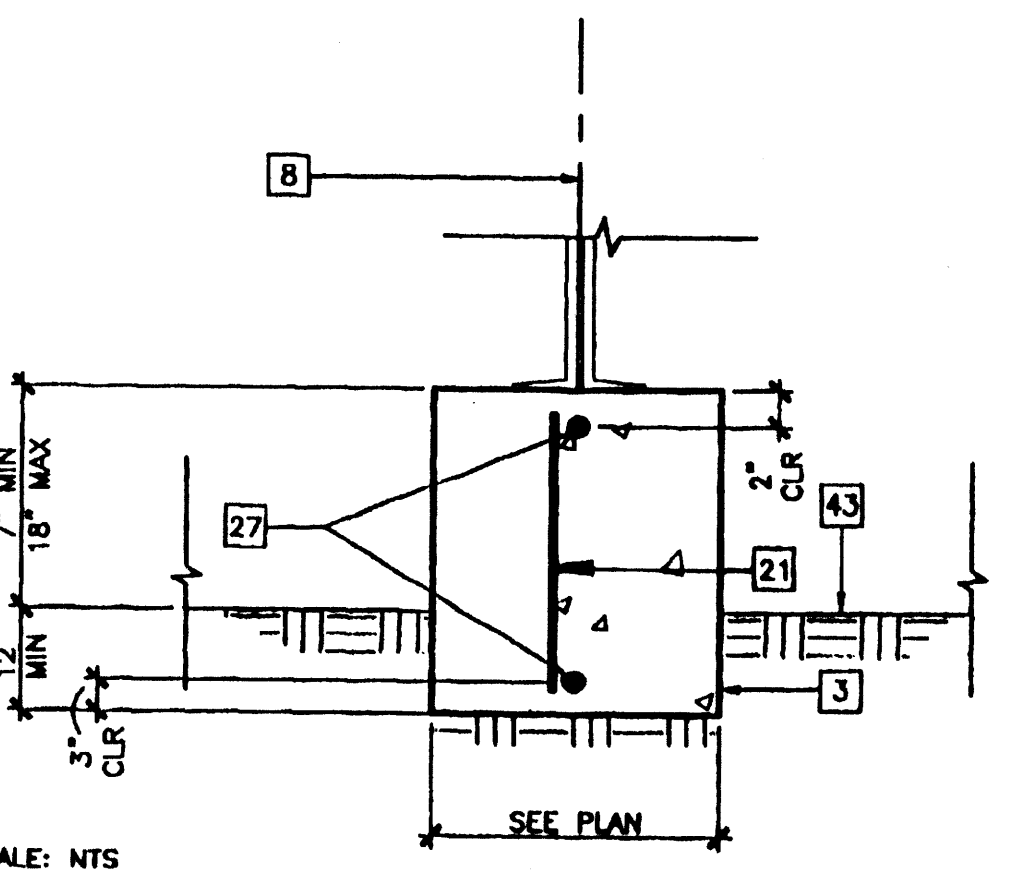
MODTECH INC.	2830 BARRETT AVENUE PERRIS, CALIF. 92572 PH (909) 943-4014 FAX (909) 940-0427
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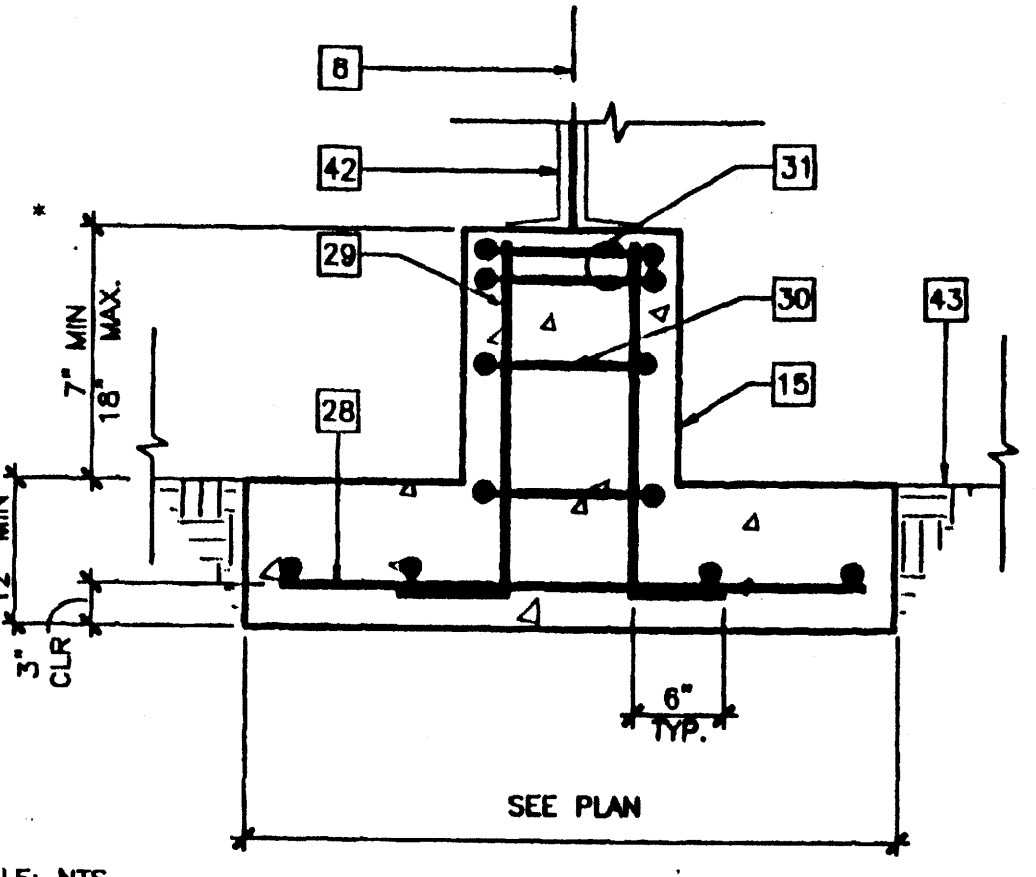
TYPICAL ENDWALL FOOTING



TYPICAL SIDEWALL FOOTING



INTERIOR RETURN FOOTING



INTERIOR PAD FOOTING

PROJECT NUMBER: 4134	© MODTECH, INC. 2001	DRAWN BY: M. ANDERSEN DATE: APR 15 2002 CHECKED BY: 4012-121 DATE: 04-16-02 MODTECH Intranet No.
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- ### KEY NOTES
- END WALL FOOTING - SEE FOOTING SCHEDULE
 - SIDE WALL FOOTING - SEE FOOTING SCHEDULE
 - MODLINE RETURN FOOTING - SEE FOOTING SCHEDULE
 - SLEEVE DIAMETER 2" LARGER THAN PIPE DIAMETER
 - STEM WALL
 - FOOTING, FOR PIPES IN THIS AREA LOWER FOOTING SO PIPES PASS THROUGH STEM WALL
 - PIPE THROUGH STEM WALL
 - MODLINE
 - CONCRETE FLATWORK (BY DISTRICT)
 - STARTER WALL AFTER SET. CLEAN TO REMOVE LAITANCE AND SCUM
 - CUT BACK SPALL
 - CONTINUOUS CLEAN-OUT. STAKES NOT PERMITTED WITHIN FOOTING AREA
 - MINIMUM FORMWORK (UNLESS FULLY FORMED)
 - 2x PLANKING
 - CONCRETE INTERIOR PAD FOOTING - SEE FOUNDATION PLAN FOR SIZES
 - 3" DIAx5" DEEP CANOUT IN FOUNDATION (BY CONCRETE SUBCONTRACTOR)
 - OPTION 1: 12 GA GALVANIZED EXPANDED DIAMOND MESH. EMBED 1 1/2" INTO WET CONCRETE AT 2 SIDES AND BOTTOM
OPTION 2: 3/16"x1 1/2"x1 1/2" GALVANIZED ANGLE FRAME WITH 12 GA GALVANIZED EXPANDED DIAMOND MESH WELDED TO END OF INTERIOR ANGLE LEG. ANCHOR WITH 3 FASTENERS AT BOTTOM INTO CONCRETE AND 3 FASTENERS AT TOP INTO FLOOR CHANNEL.
 - ANCHOR PLATE. - 3/51
 - COUNTER FLASHING (BY OTHERS)
 - GALVANIZED FLASHING, BY MODTECH
 - NOT USED
 - 3/4" ANCHOR BOLT A307 WITH 5" EMBEDMENT OR 3/4" DIA THREADED ROD A36 WITH 5" EMBEDMENT
 - LINE OF BUILDING
 - DOOR
 - DOOR FRAME
 - ALUMINUM THRESHOLD
 - #5 TOP AND BOTTOM CONTINUOUS
 - (4) #5'S EACH WAY AT BOTTOM
 - 4 - #5 X L VERTS
 - #4 SQUARE TIES AT 8" OC
 - #4 SQUARE TIES; 2 AT TOP OF FOOTING
 - #4 CONTINUOUS
 - #3 VERTICAL AT 24" OC
 - LAP 4"
 - STANDARD 90° HOOK TYPICAL
 - DRYWELL 3" DEEP WITH 3/8" PEA GRAVEL (ONLY AT ACCESS)
 - 3/8" DIA x3" ANCHOR BOLT WELDED TO ANCHOR FRAME
 - 1 1/4"x1"x1/4" ANGLE FRAME
 - HORIZONTAL GRATE: GRATE OPENING TO BE MAXIMUM 1" EXCEPT 1/2" IN PATH OF TRAVEL (UPGRADE CHANGE ORDER REQUIRED), SEE ARCHITECTURAL SITE PLAN
 - CONCRETE AREAWAY WALL
 - FINISH GRADE
 - STEEL FLOOR FRAME
 - FINISH PAD ELEVATION - REFER TO GENERAL NOTES
 - NEAT CUT TRENCH
 - 4" BUILDING SEPARATION AT ADJACENT BUILDING - OPTIONAL
 - BUILDING LINE

NOTES

* 1. 11" MINIMUM 30" MAXIMUM FOR ALL BUILDINGS 2160 SQUARE FEET OR OVER

REVISED MAY 3 1 2001 *Cal*

REVISED JAN 4 2001 *Cal*

REVISED OCT 19 2000 *Cal*

STKP-62

104160

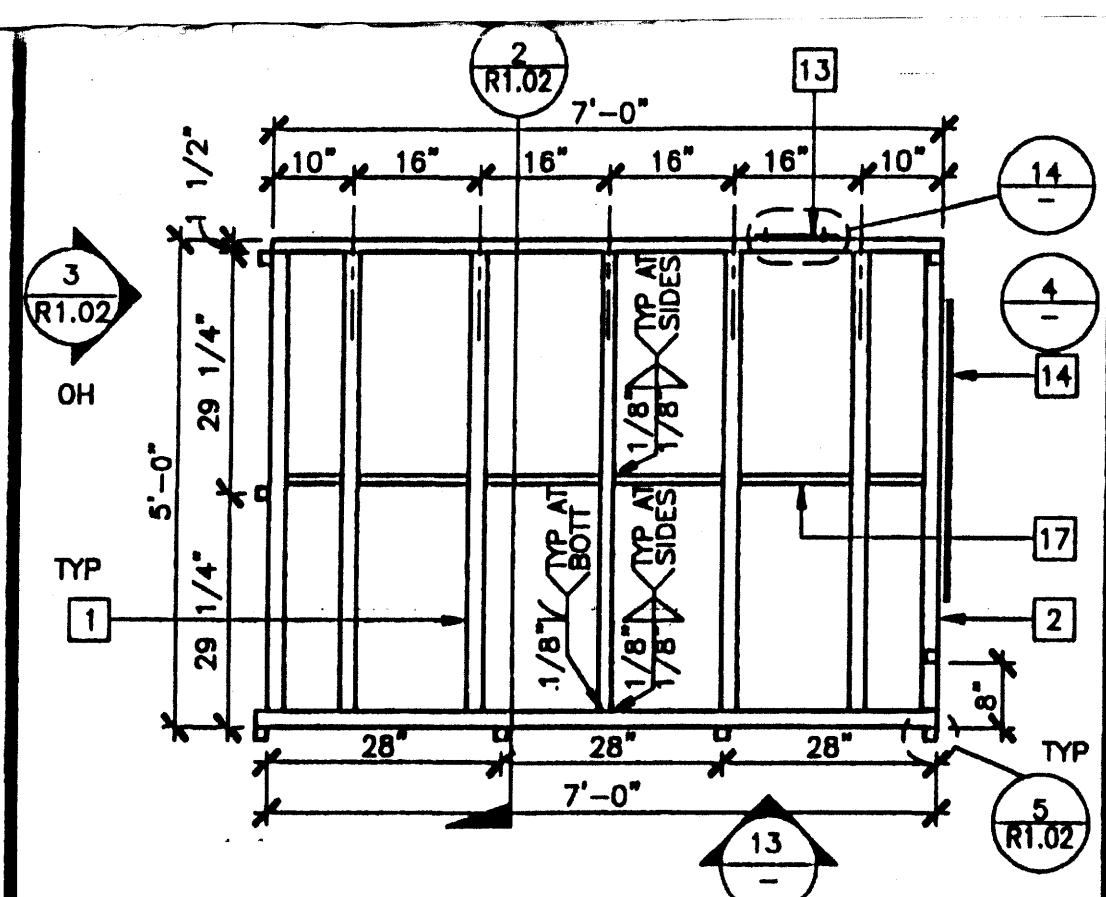
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PC-04-101268

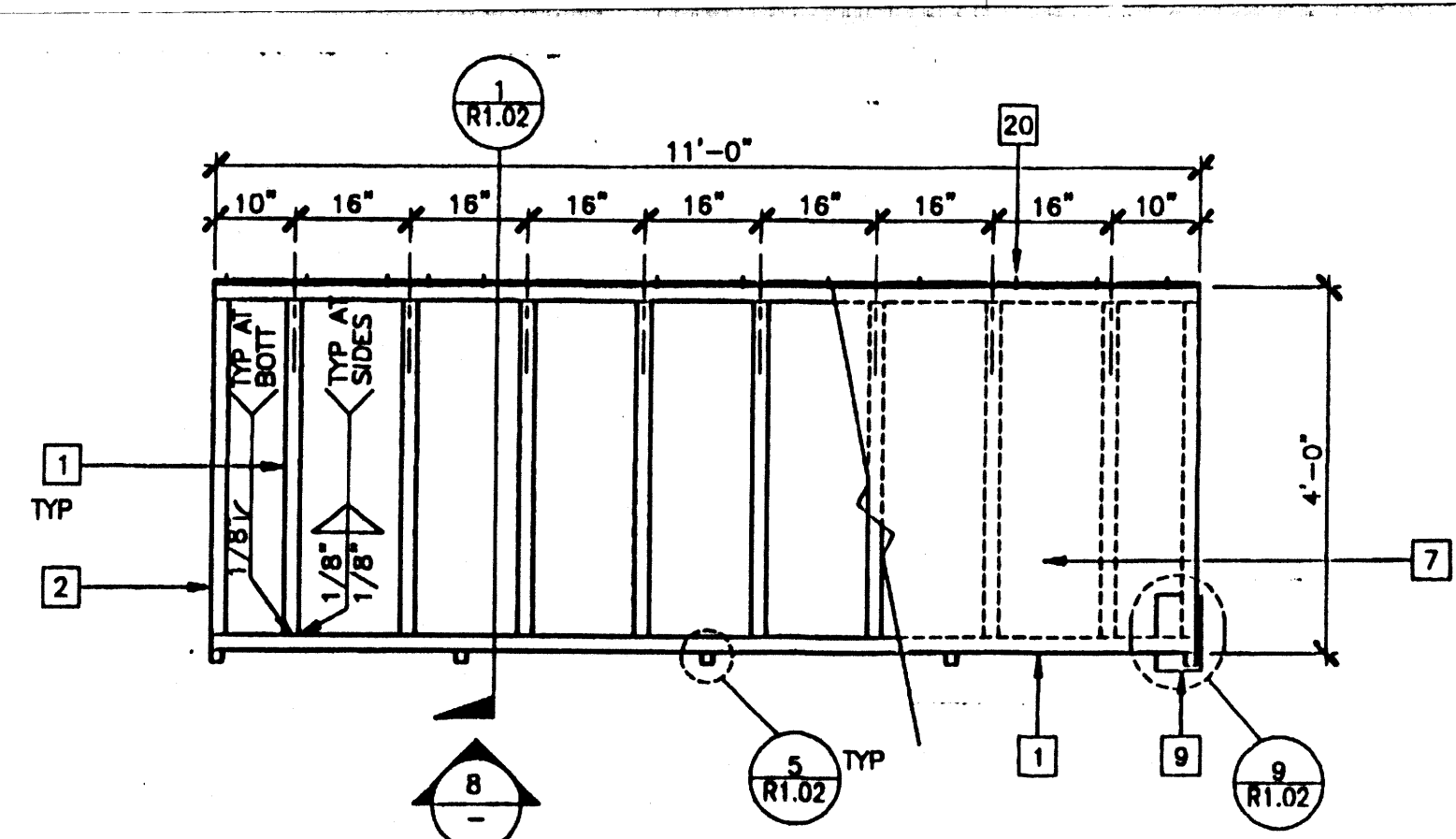
PROJECT NO. 4134

FOUNDATION DETAILS BELOW GRADE CONCRETE

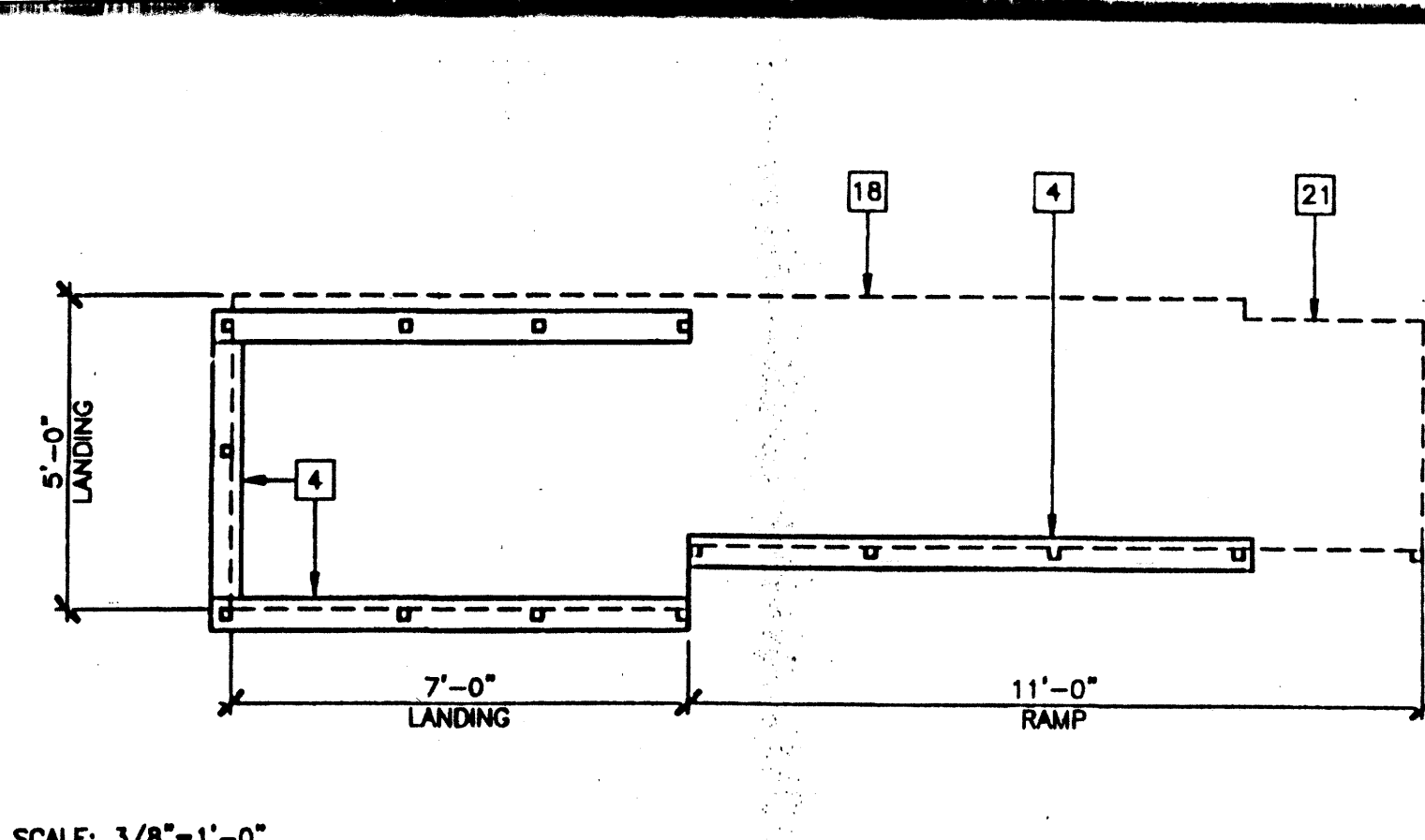
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SCALE: NTS



SCALE: NTS

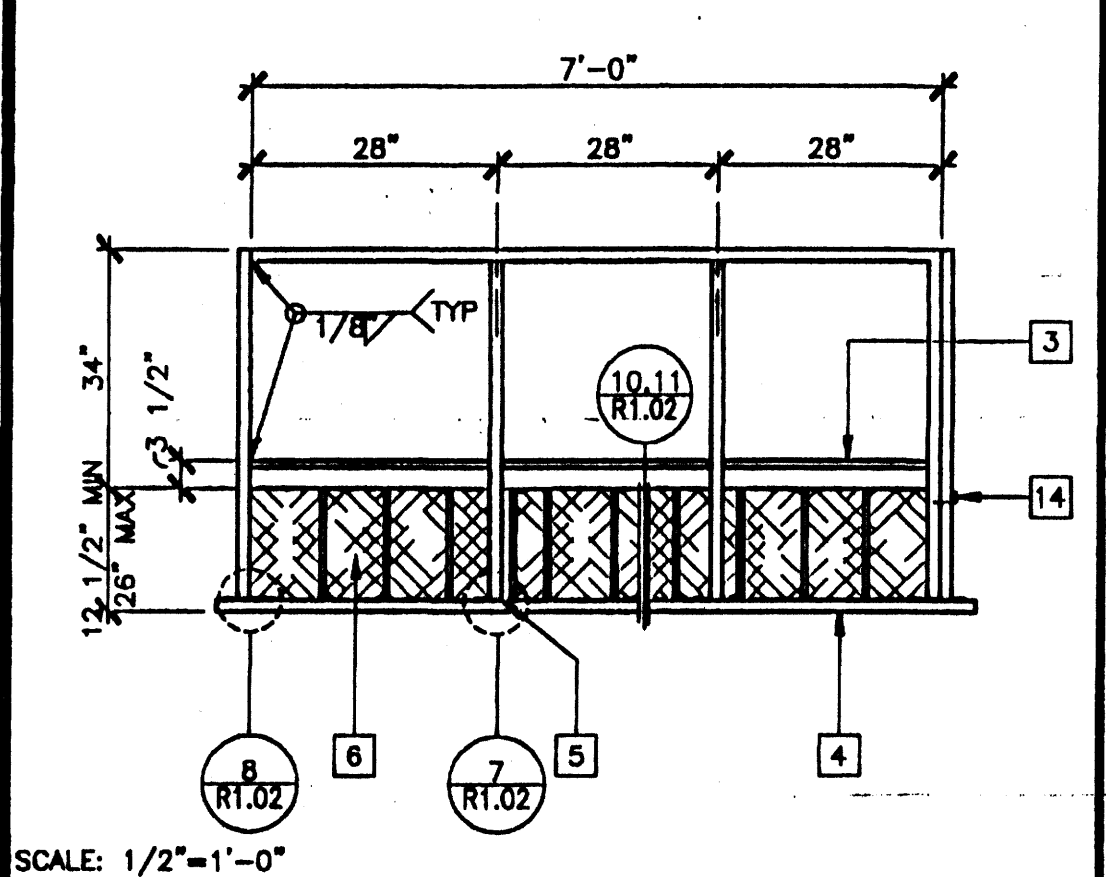


SCALE: 3/8"=1'-0"

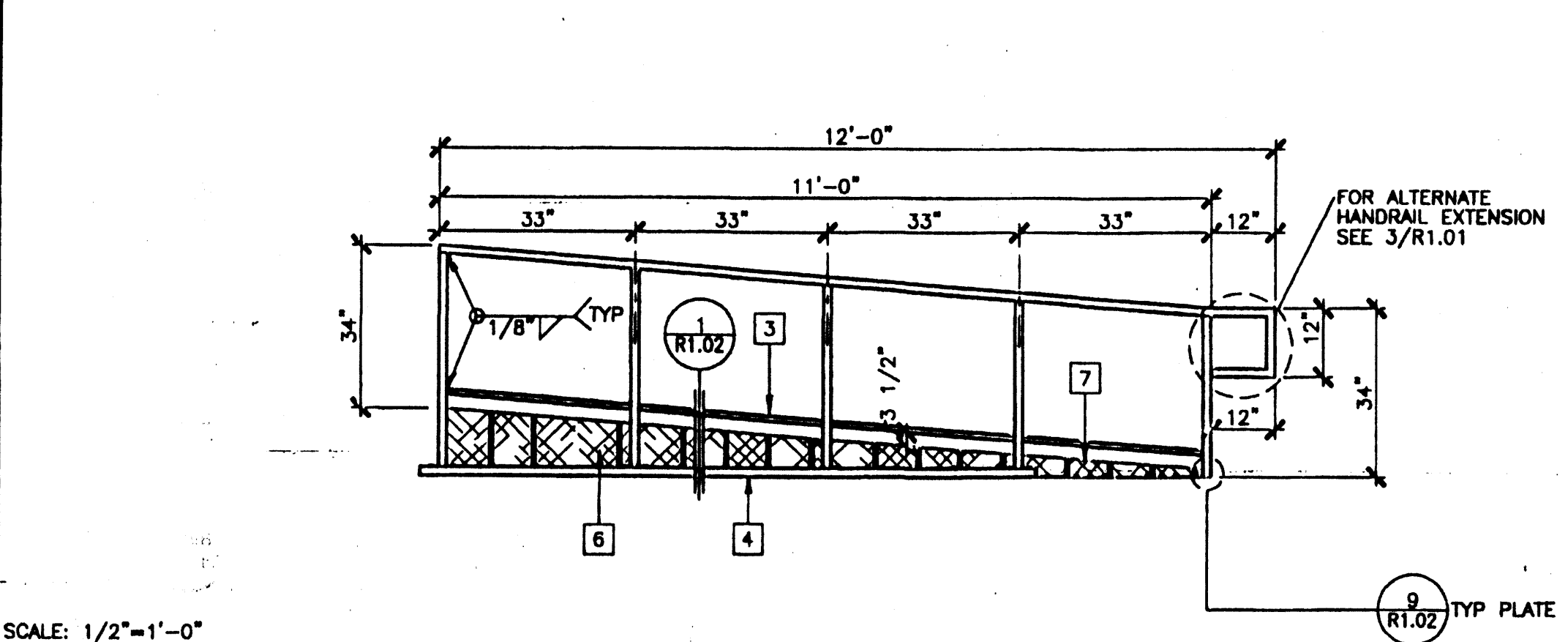
LANDING FRAME 12

RAMP FRAME 7

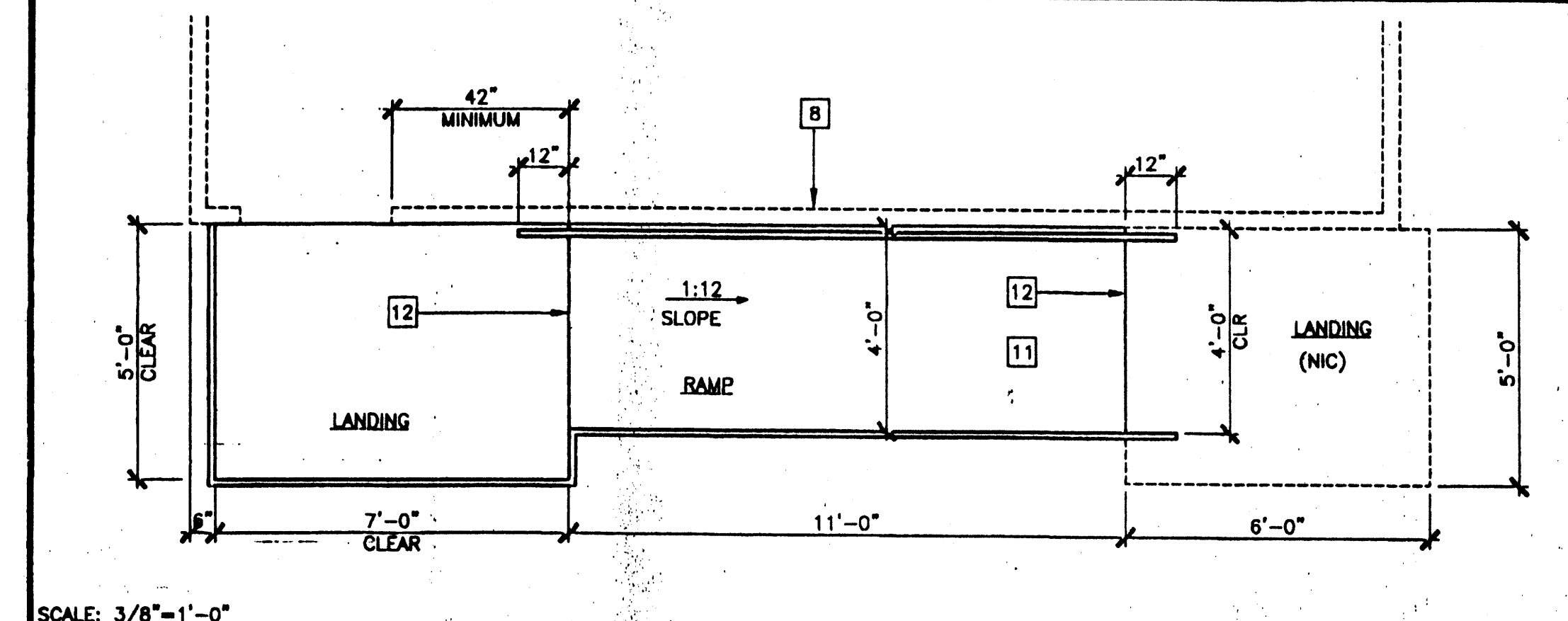
SILL PLAN FOR RAMP AND LANDING 1



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



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

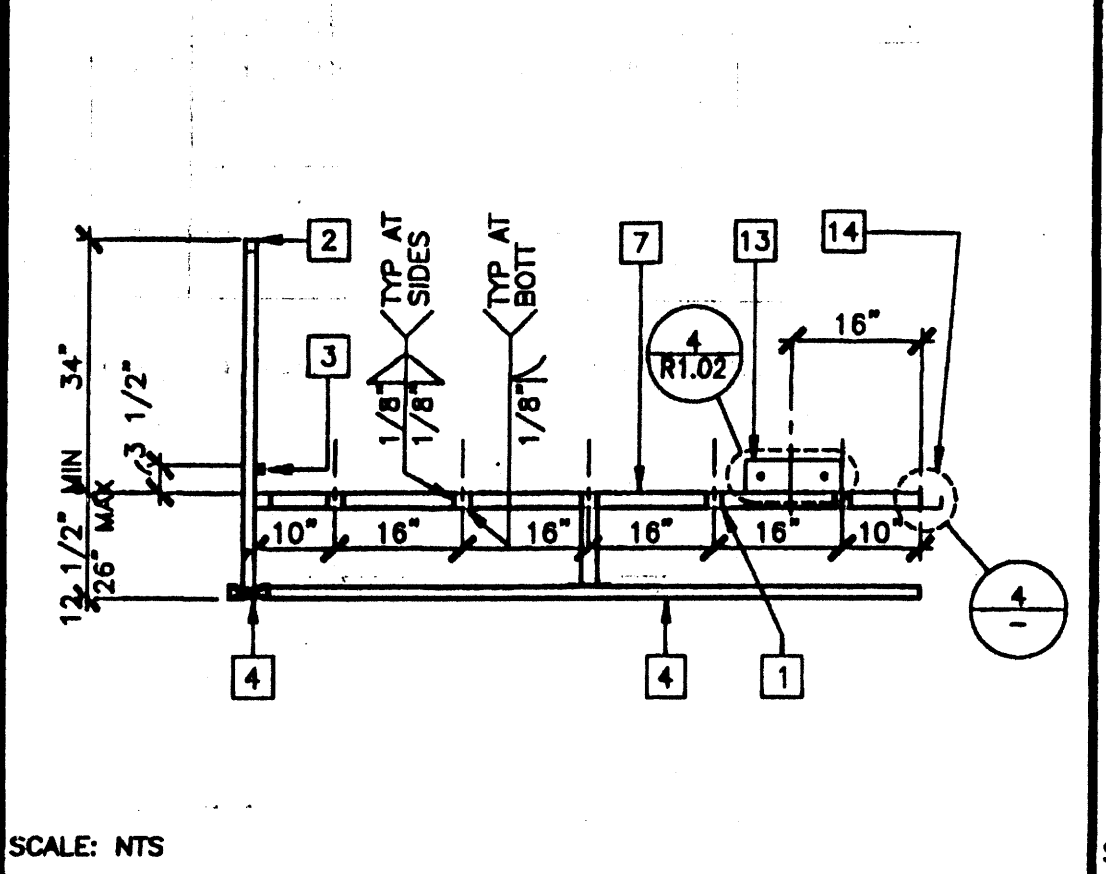


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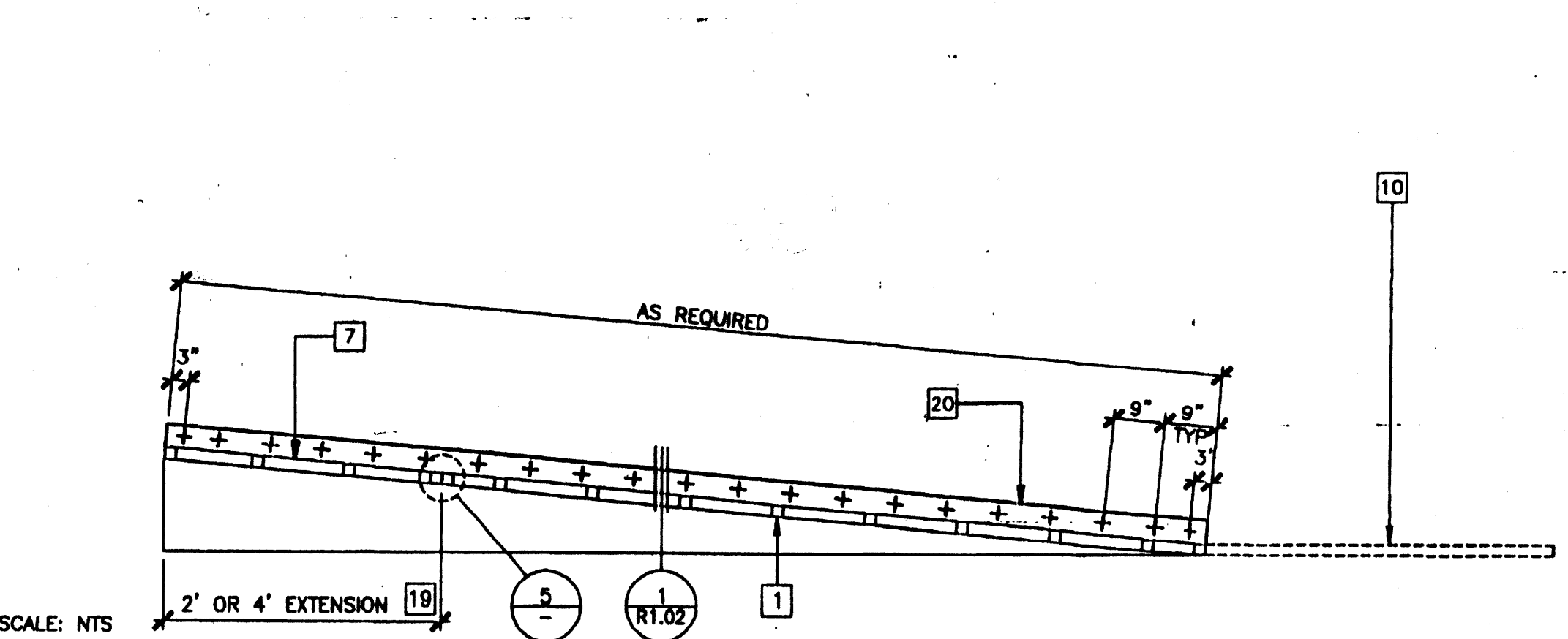
LANDING ELEVATION 13

RAMP ELEVATION 8

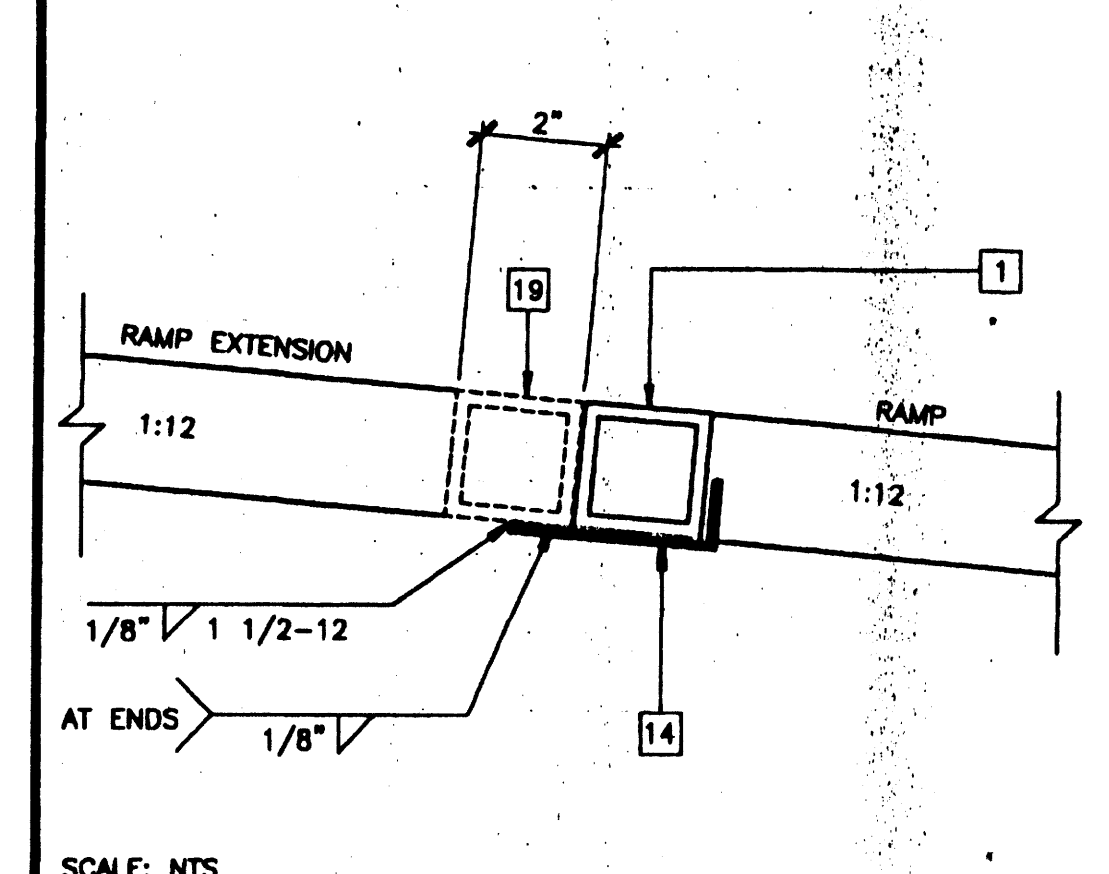
RAMP AND LANDING AT BUILDING 2



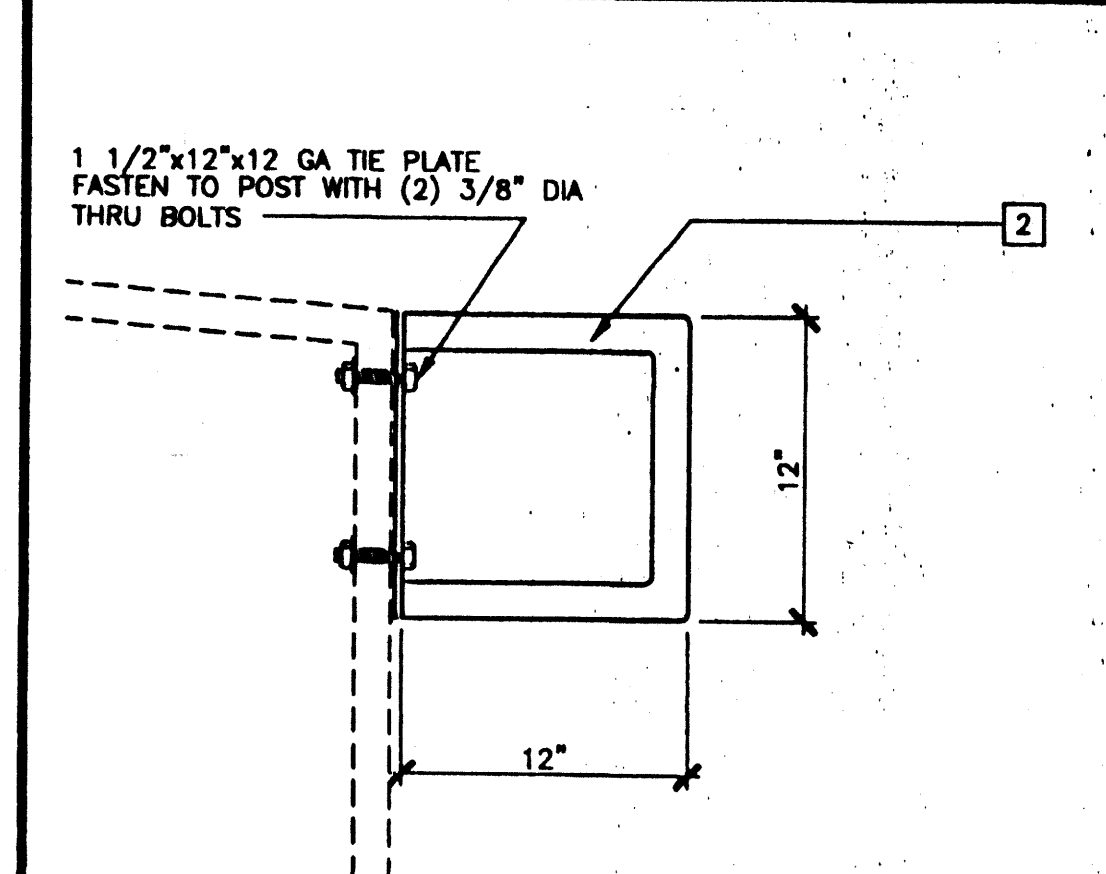
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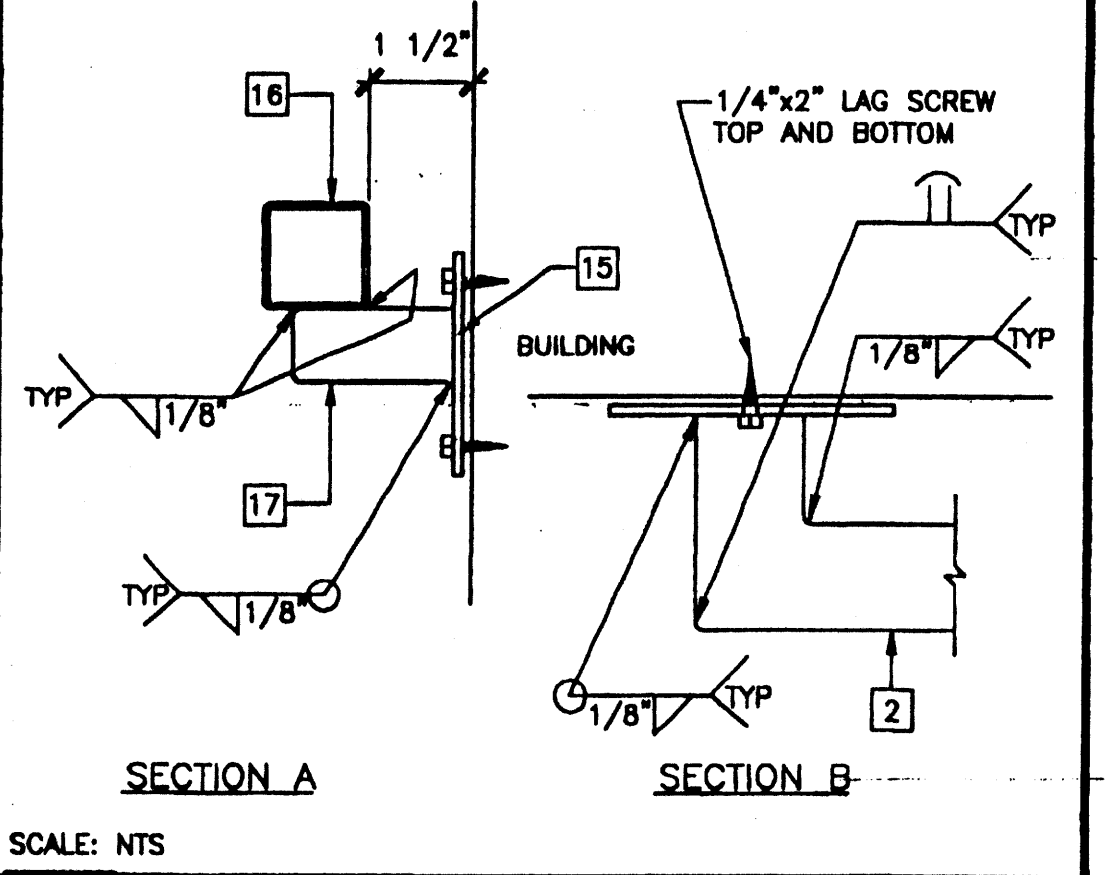


SECTION AT LANDING 14

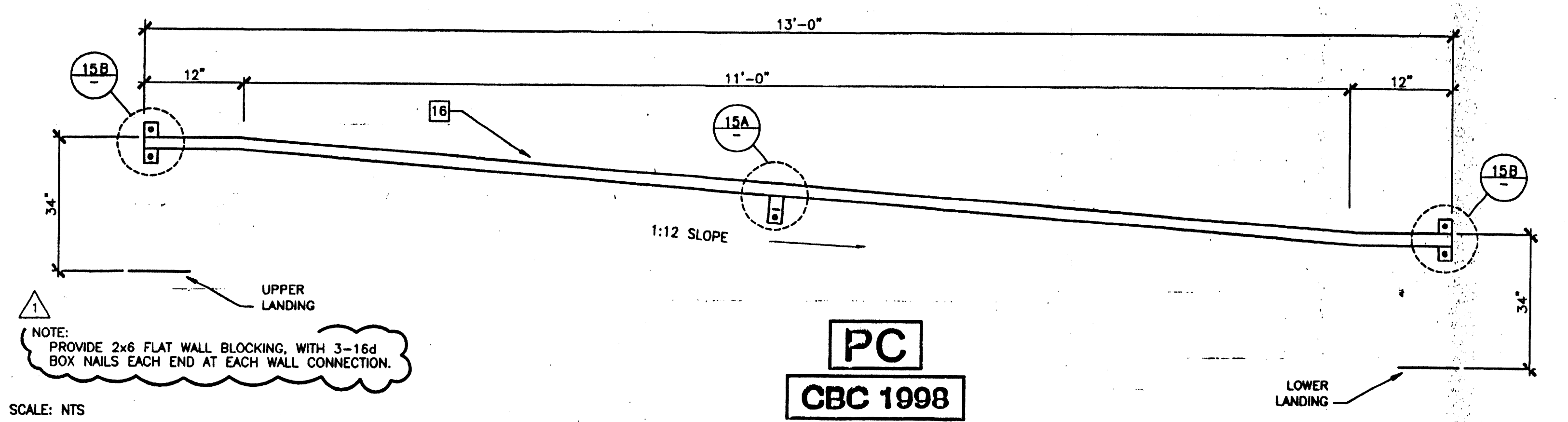
LONGITUDINAL SECTION AT RAMP 9

RAMP EXTENSION TO RAMP 5

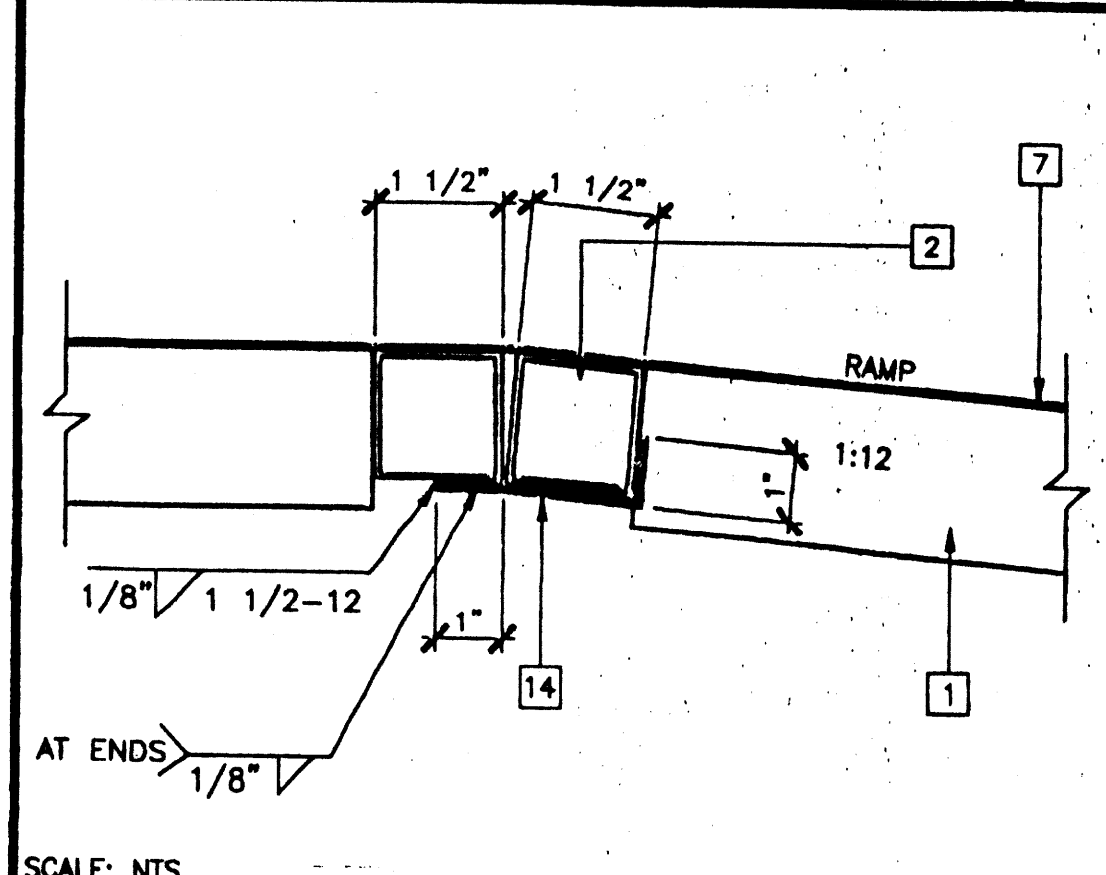
ALTERNATE GUARD RAIL EXTENSION 3



SCALE: NTS



SCALE: NTS



SCALE: NTS

HANDRAIL CONNECTION 15

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6

RAMP AT LANDING 4

REVISIONS	DATE	DESCRIPTION
1	09/28/00	MODTECH ENGINEERING CHANGE
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

Professional Engineer's Seal

Professional Engineer's Seal

Professional Engineer's Seal

Professional Engineer's Seal

Professional Engineer's Seal

Professional Engineer's Seal

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PROJECT NUMBER: 4173, 4203, 4201, 4215, 4250, 4284

DATE: 04/16/02

DRAWN BY: M. ANDERSEN

CHECKED BY: 4012-121

DATE: 04/16/02

MODTECH INDEX No.

STKP-62

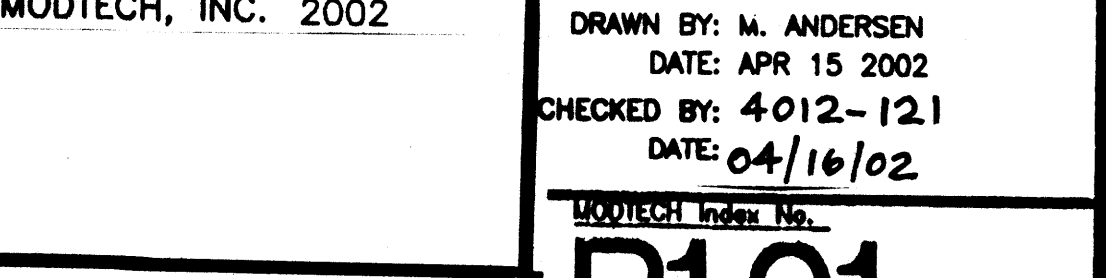
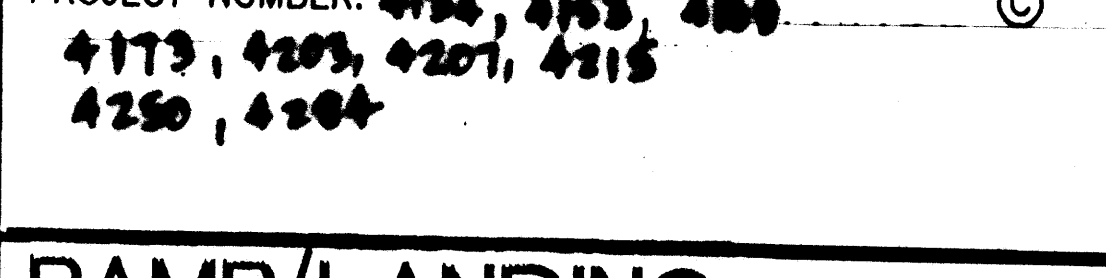
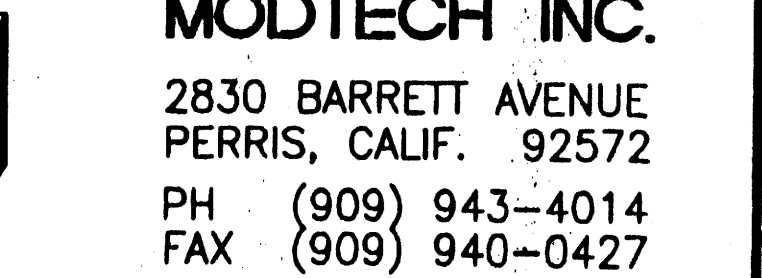
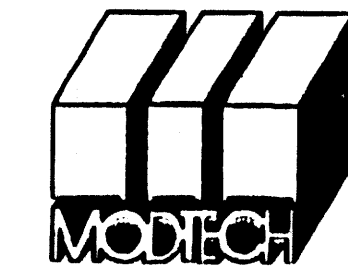
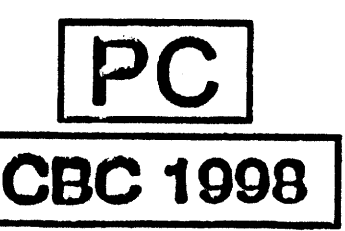
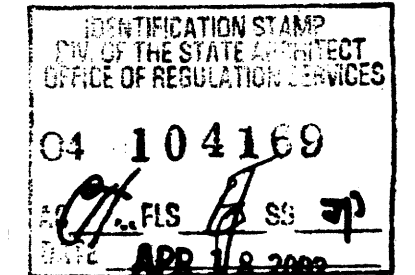
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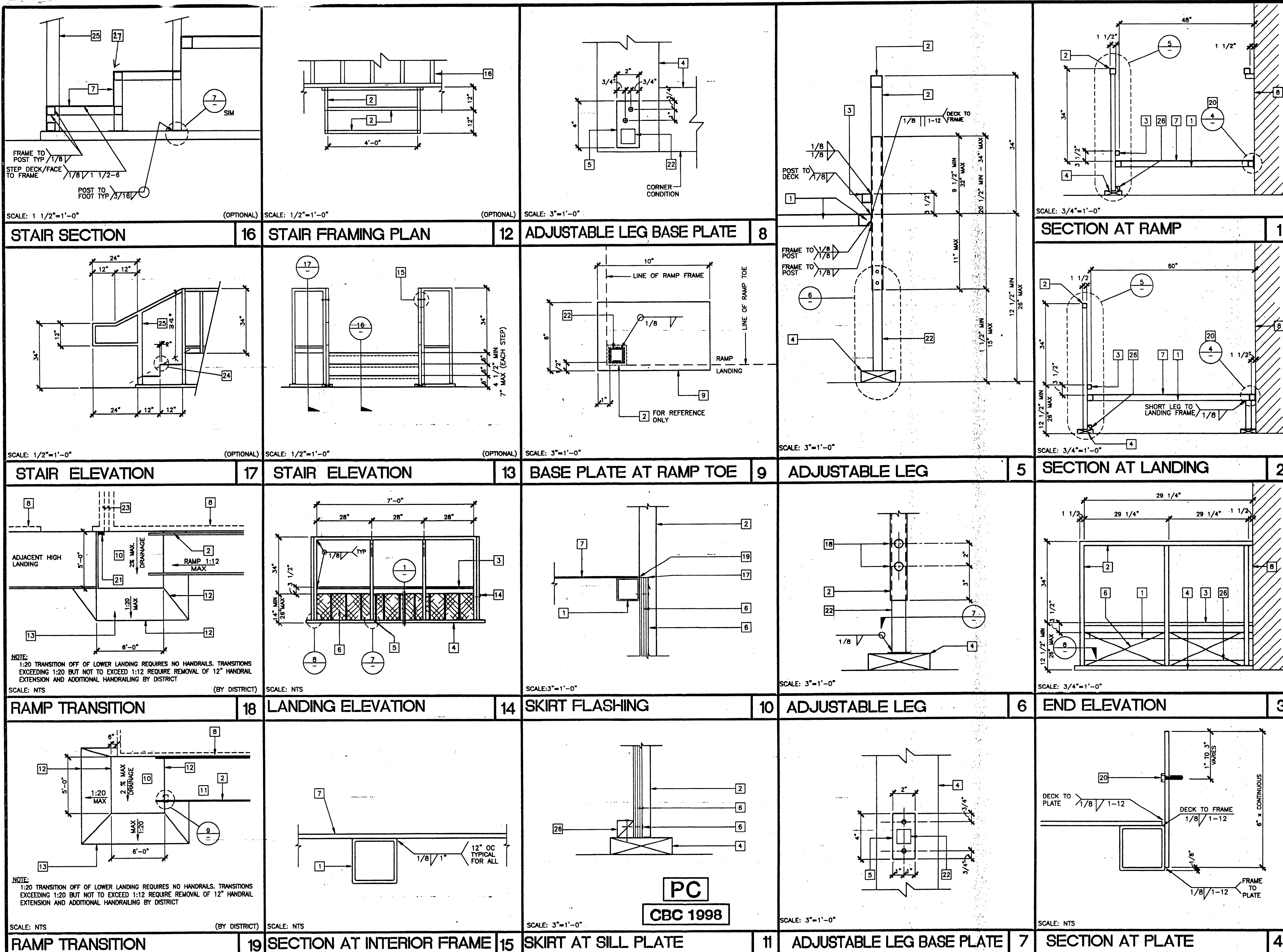
- RAMP: RAMP SHALL NOT SLOPE MORE THAN 1" IN 12"
- HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
- SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
- GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER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

KEY NOTES

- TS 2"x2"x14 GA
- TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). 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 TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
- 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6. MAINTAINABLE FOR 1 YEAR
- EXISTING BUILDING
- 6"x10"x12 GA BASE PLATE AT RAMP TOE
- LOWER LANDING BY DISTRICT
- RAMP BY MODTECH
- FLUSH TRANSITION
- 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
- 3"x1"x3'-0"x10 GA BENT PLATE
- 2"x4"x 1/8" PLATE
- TS 1 1/2"x1 1/2"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED ROUNDED OR BEVELED AT CORNERS.
- TS 1"x1"x16 GA
- LINE OF RAMP/LANDING ABOVE
- RAMP EXTENSION FRAME
- 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
- NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
- NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.



FILE PATH: 2440-R1.01.DWG PROJECT NO. 4373



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 0.6. 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.

STKP-62

PROJECT NUMBER: 4134, 4153, 4164, 4173, 4203, 4207, 4215, 4260, 4284

MODTECH, INC. 2002

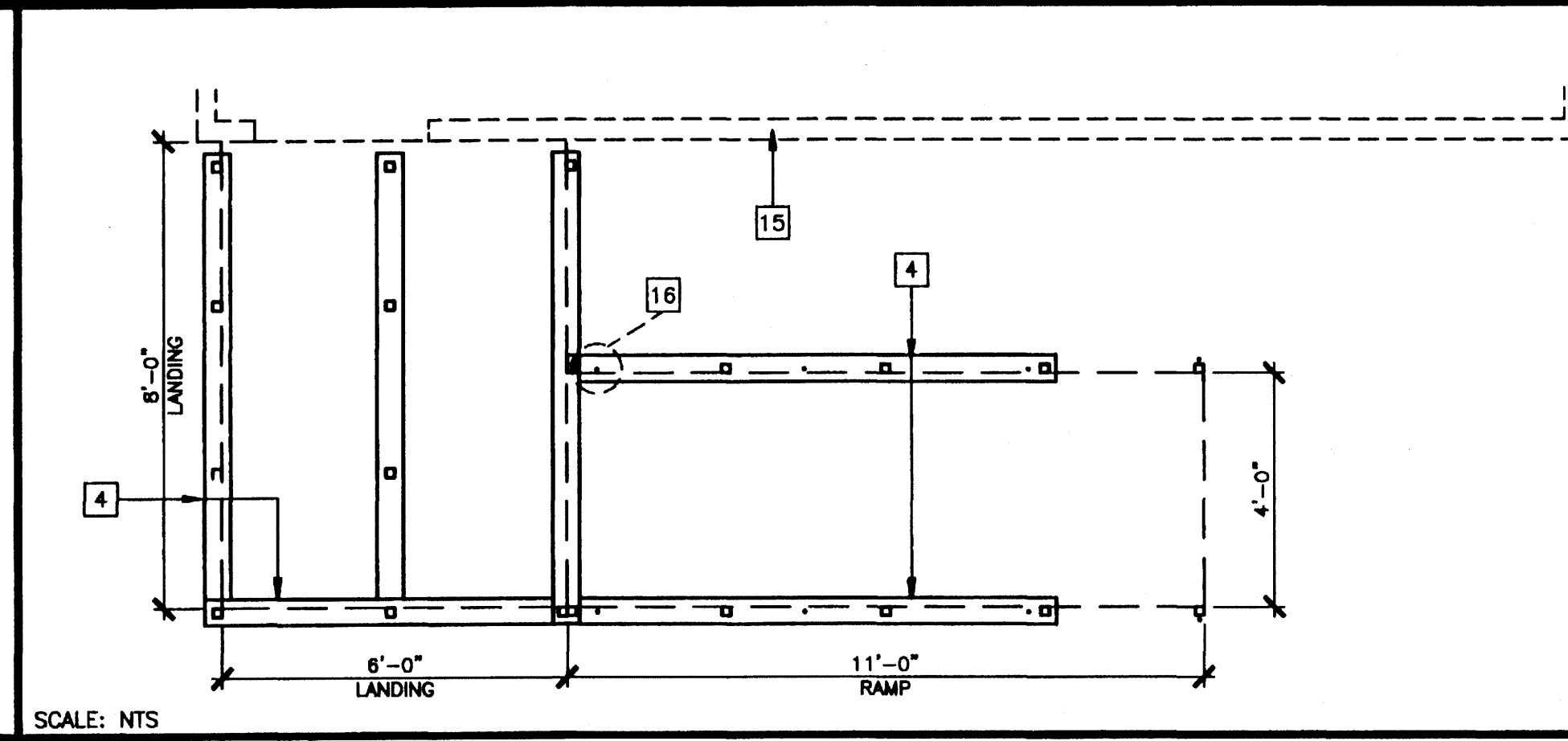
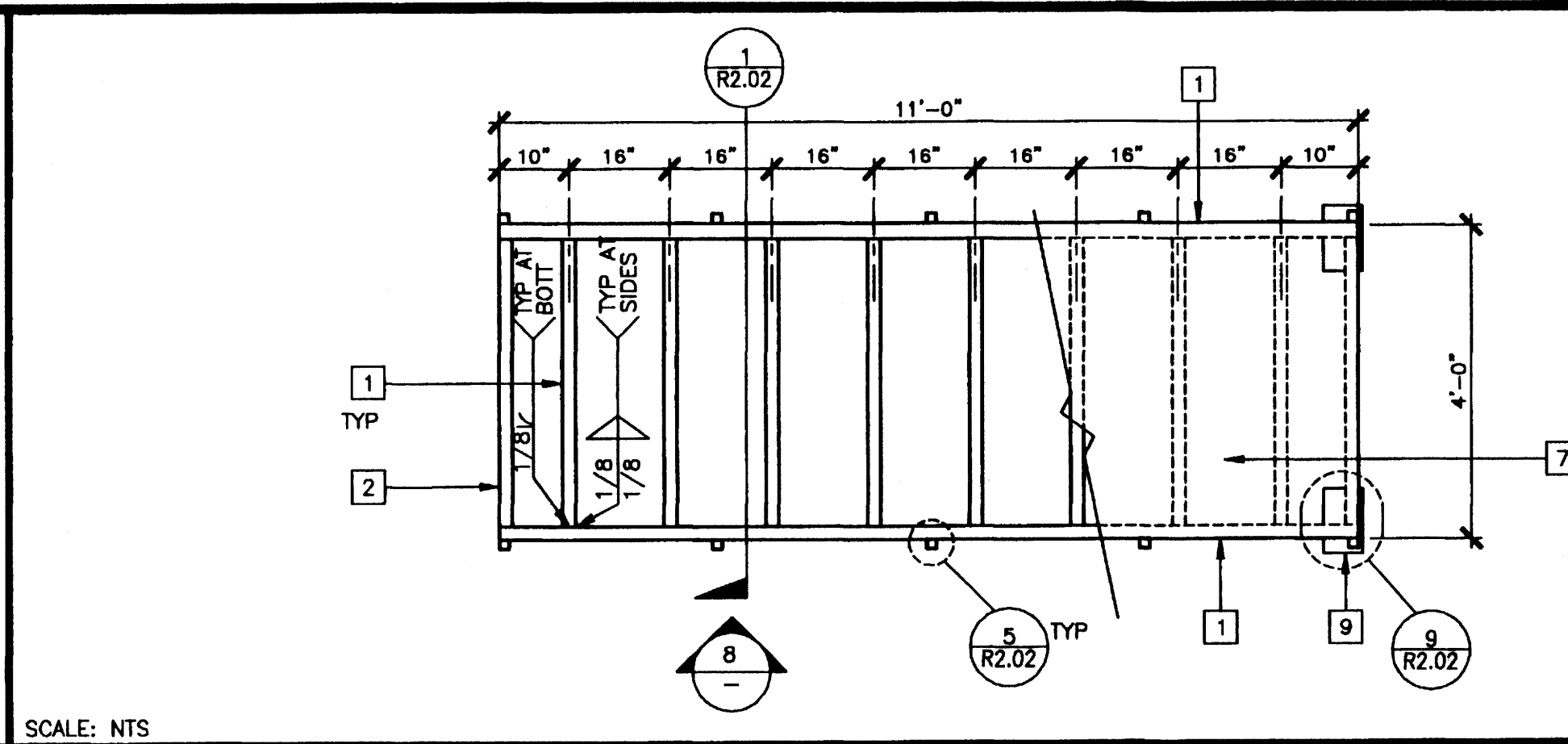
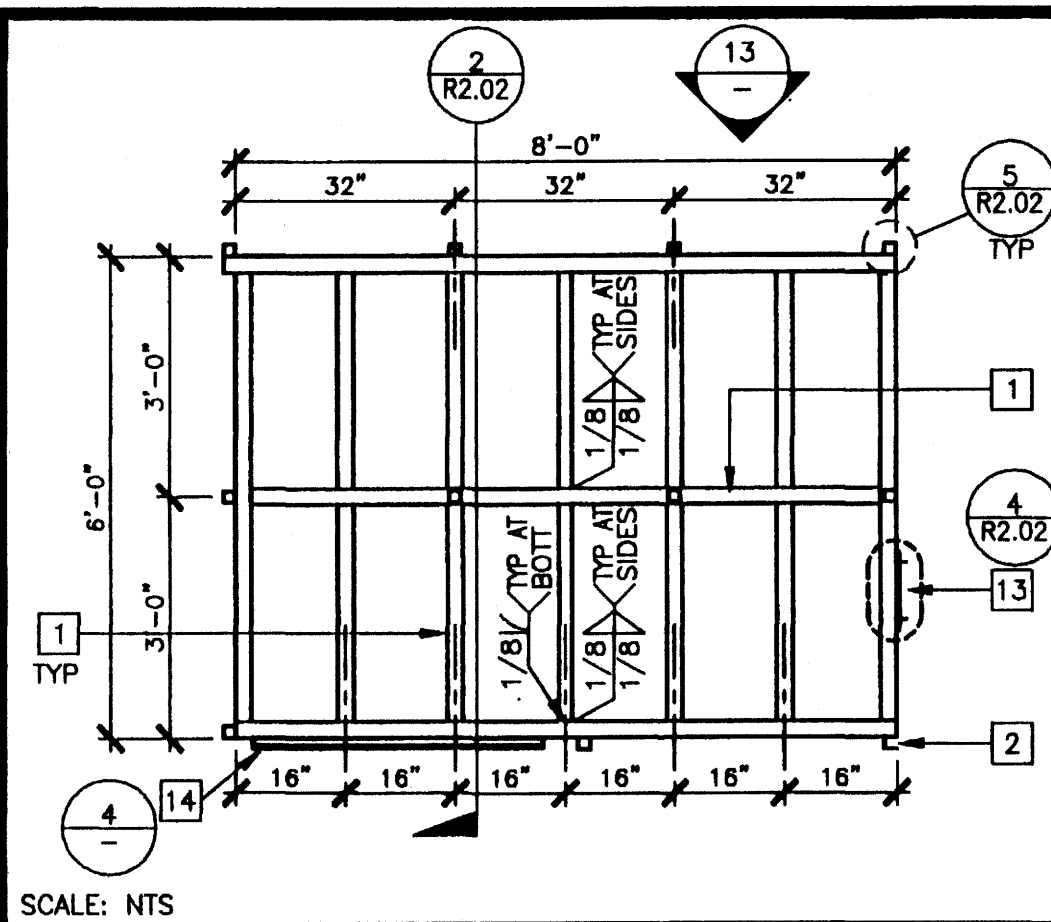
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04/16/02

R1.02

REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal	MODTECH INC.	PROJECT NUMBER	DRAWN BY
1					2830 BARRETT AVENUE PERRIS, CALIF. 92572 PH (909) 943-4014 FAX (909) 940-0427	4134, 4153, 4164, 4173, 4203, 4207, 4215, 4260, 4284	M. ANDERSEN
2							
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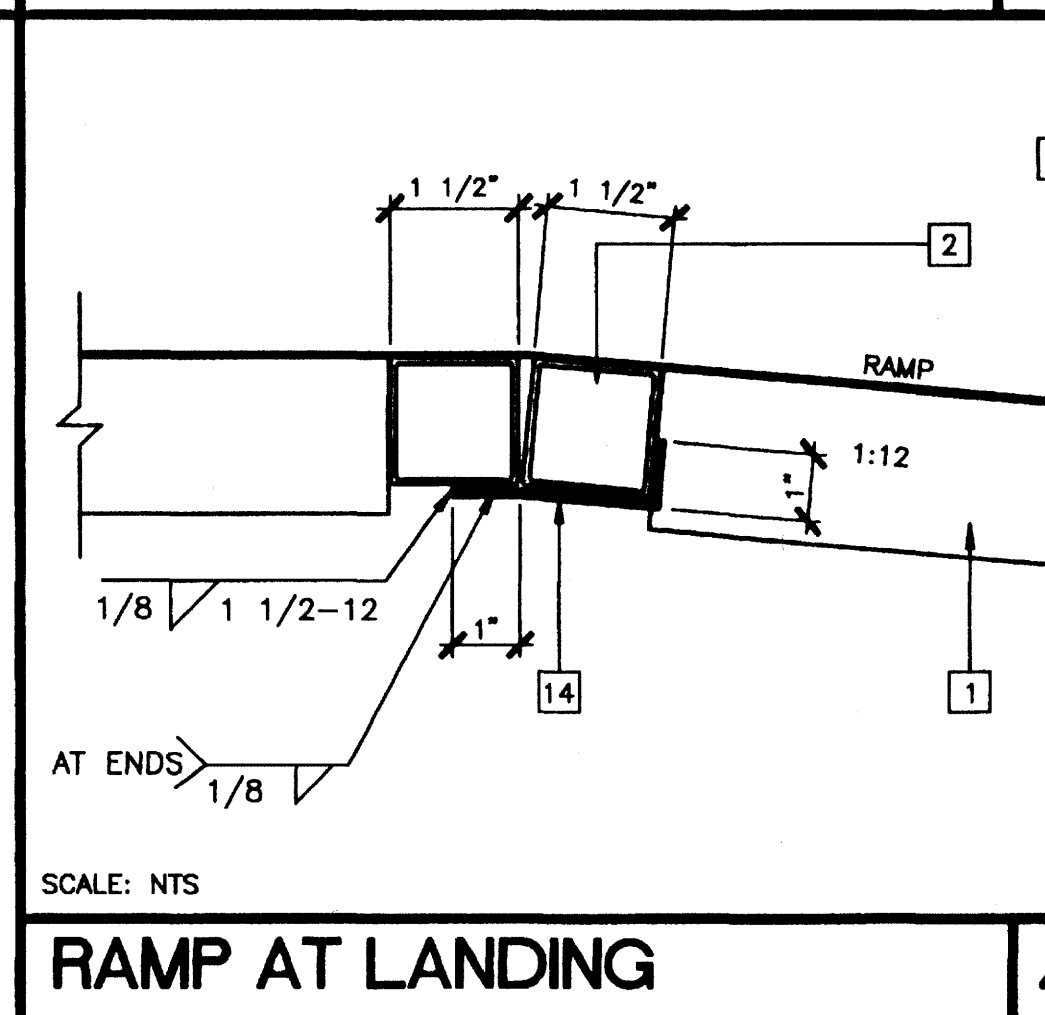
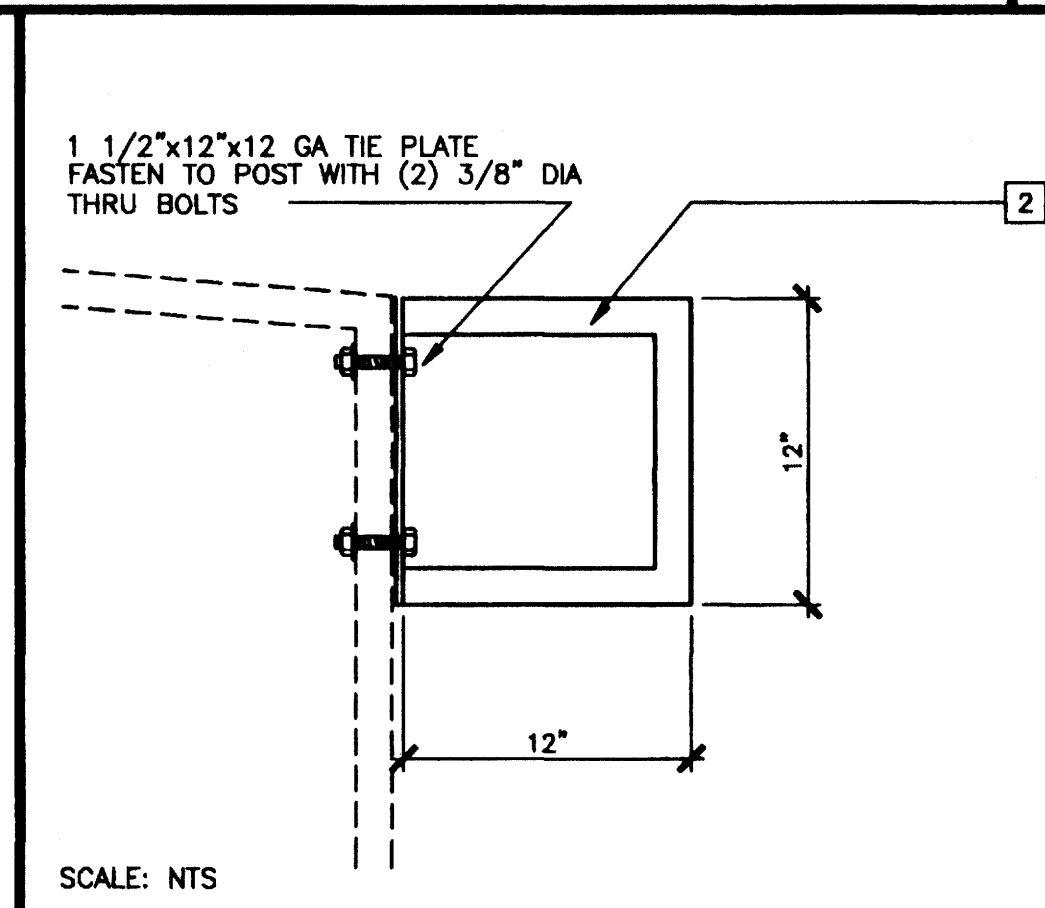
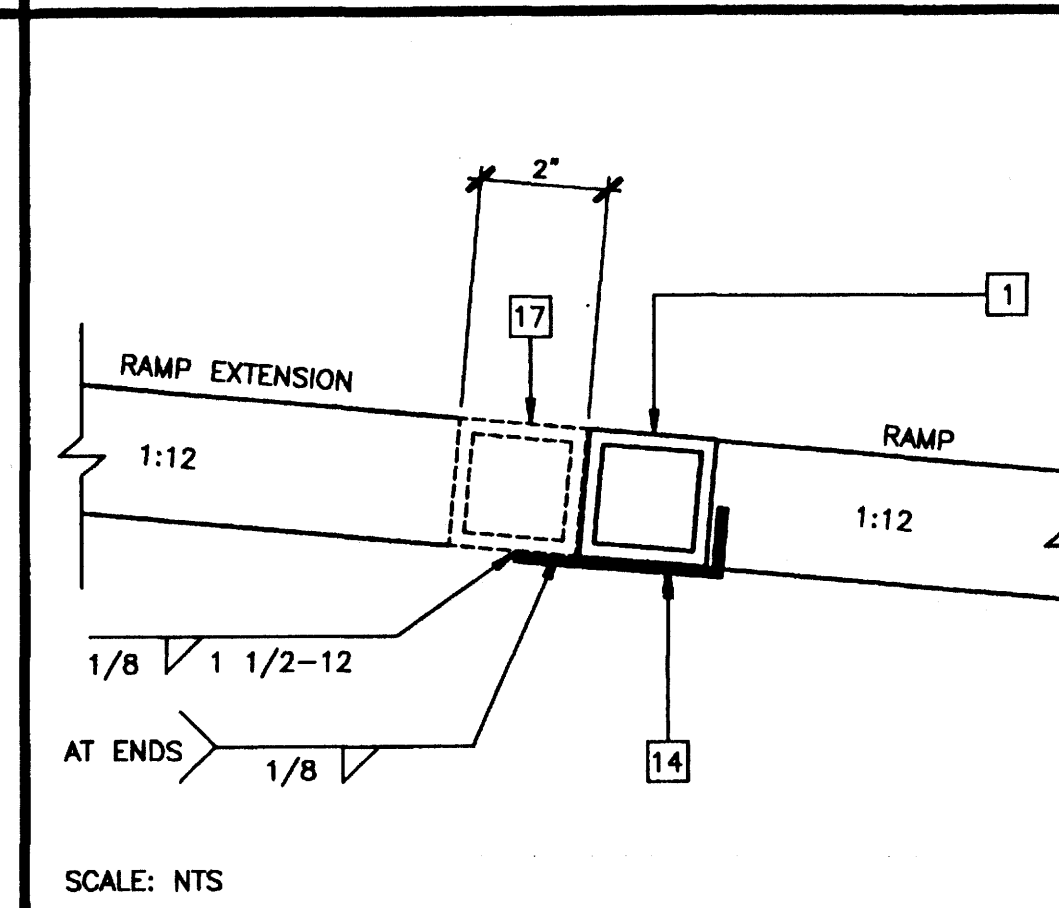
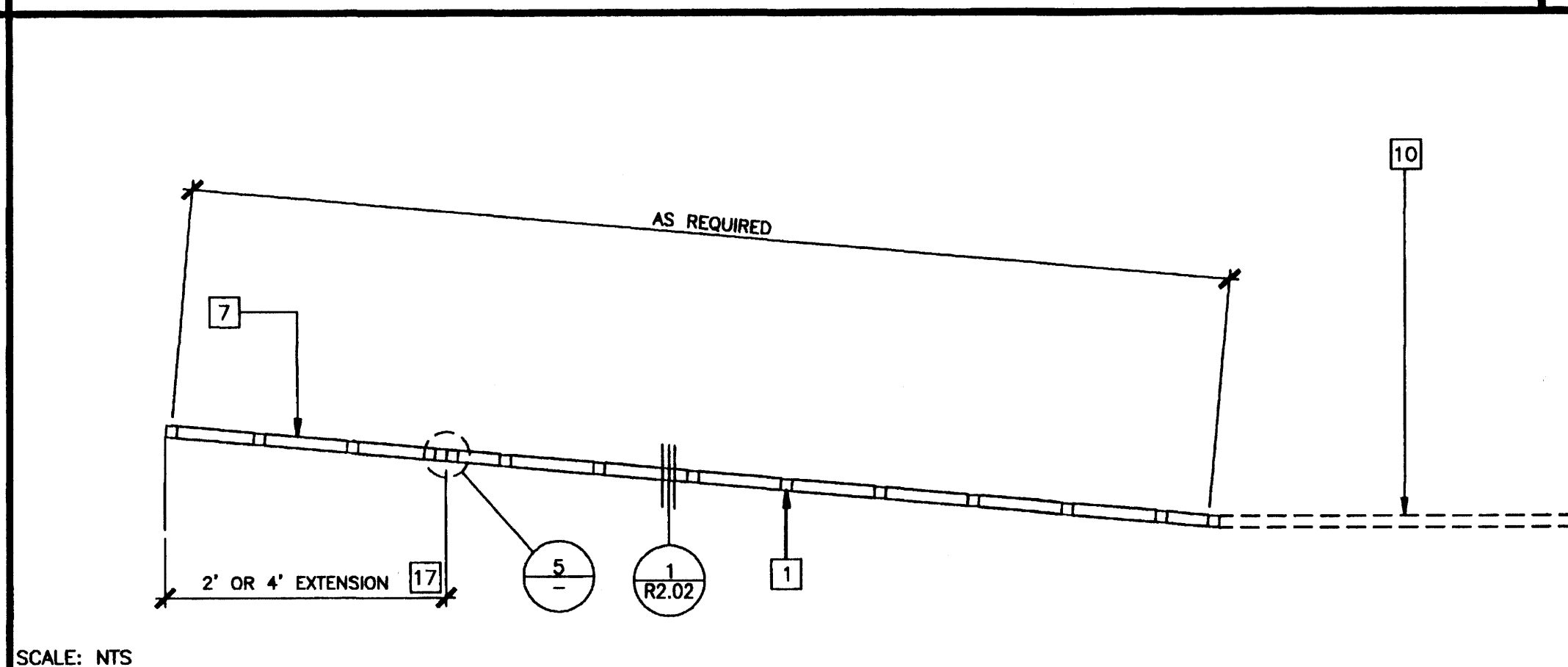
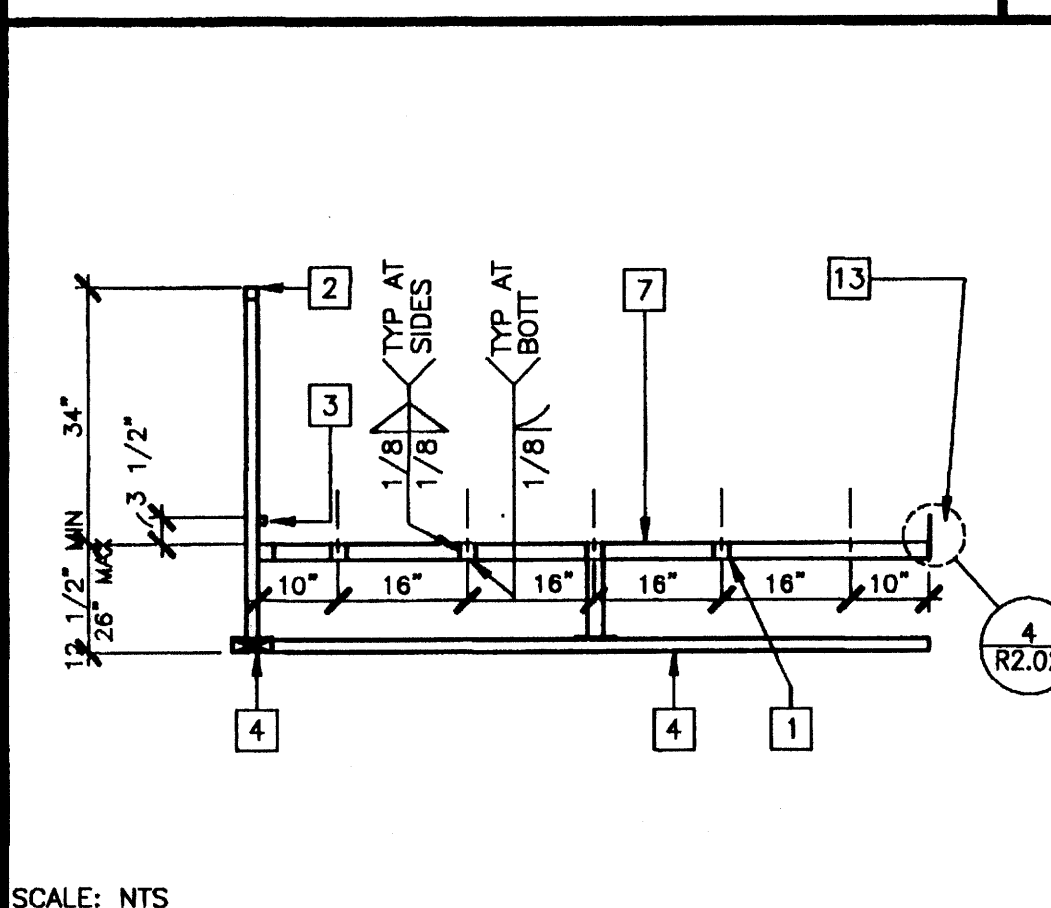
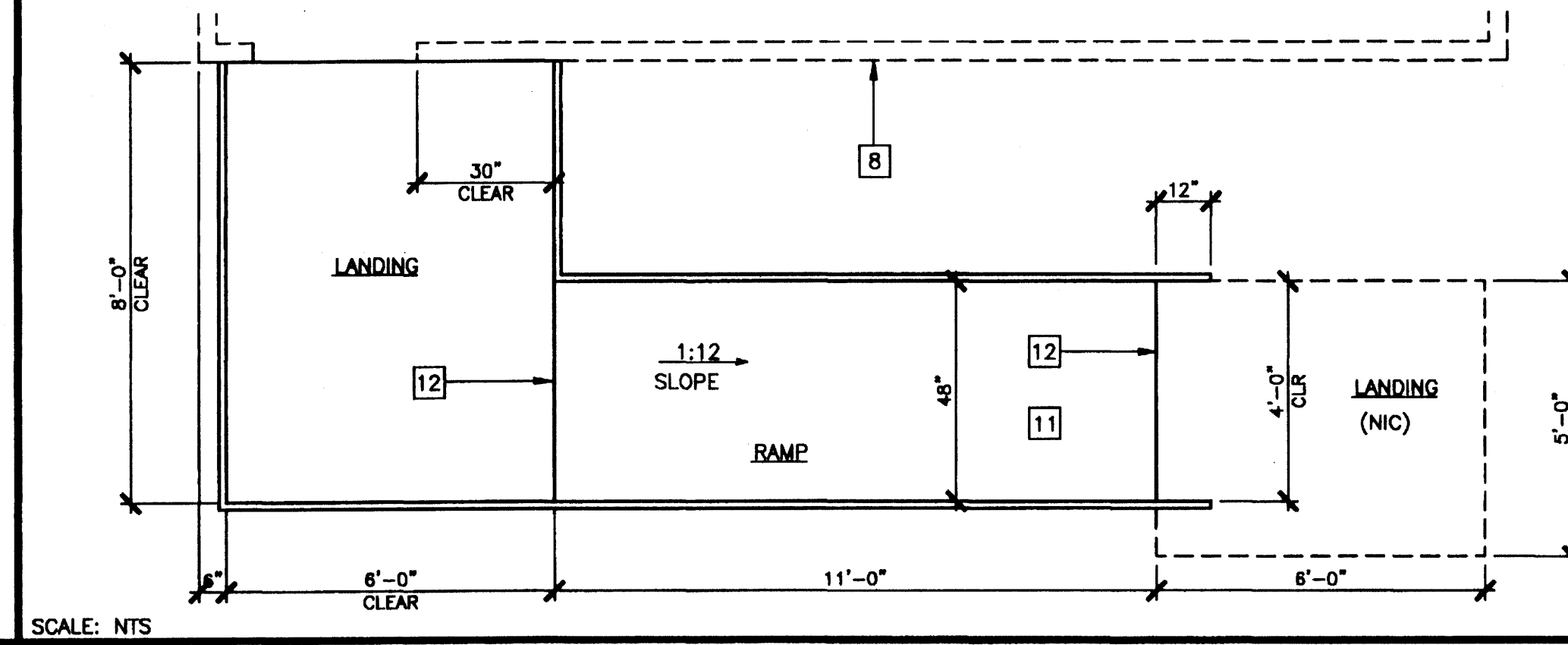
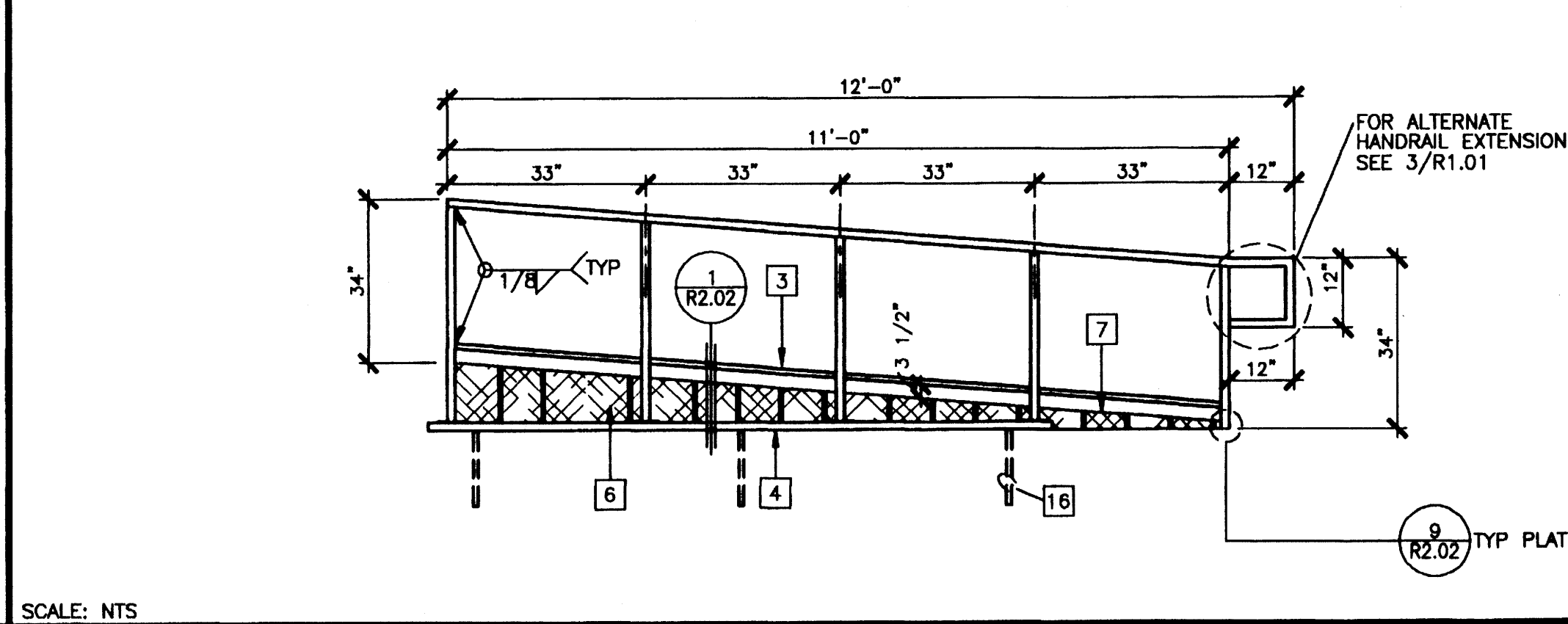
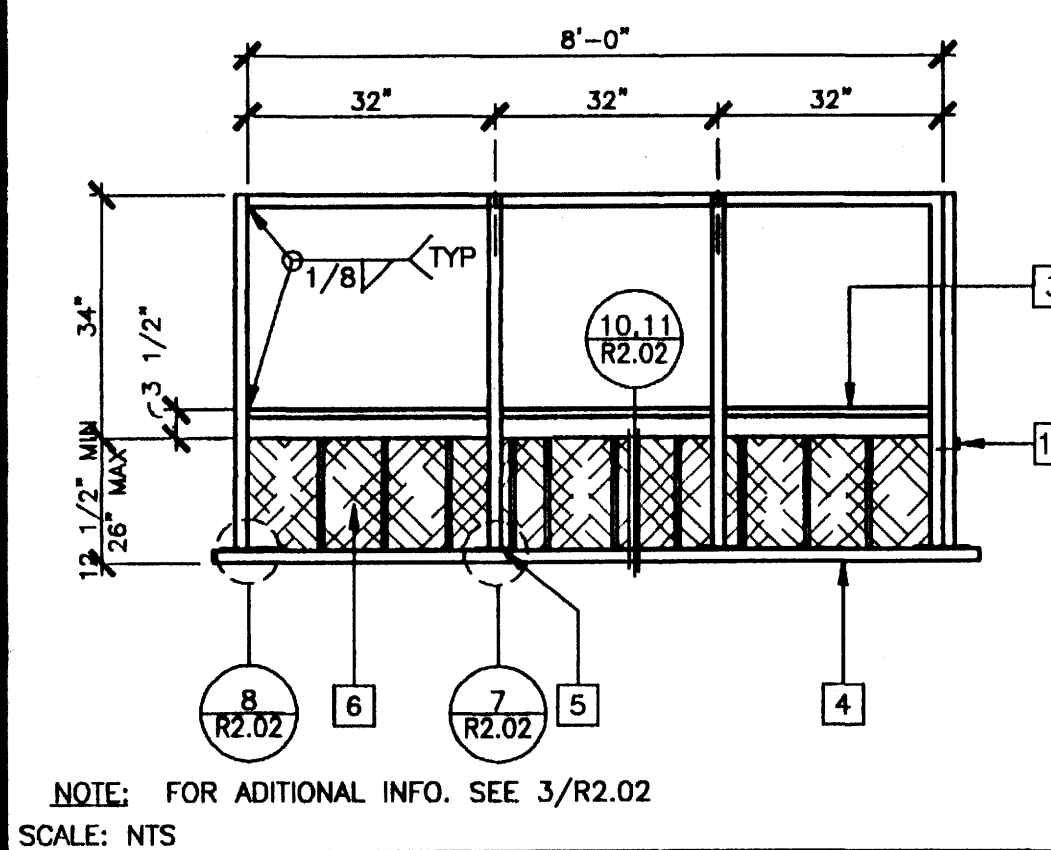
RAMP/LANDING DETAILS

R1.02



- ## KEY NOTES

- 1 TS 2"x2"x14 GA
- 2 TS 1 1/2"x1 1/2"x14 GA (FY = 39KSI)
- 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 T.S. USE #14x2" TEK SCREWS AT 6" OC
- 7 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.8. 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 LINE OF RAMP/LANDING ABOVE
- 16 SILL RESTRAINT PIPE 1" DIA - MINIMUM 12" EMBEDMENT
- 17 RAMP EXTENSION FRAME



- ## NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE. AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL).
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MOTECH INC. IS 11'-0" @ 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 MOTECH 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 ($f_y = 39$ KSI)

STKP-62

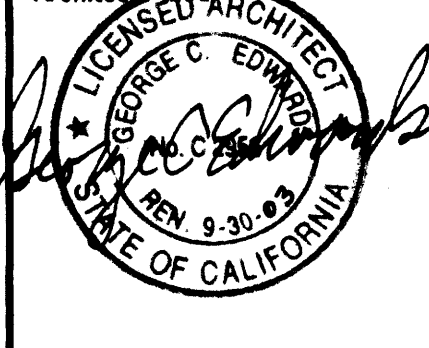
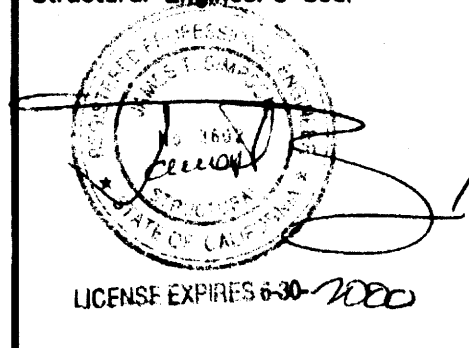
REVISIONS			
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architects

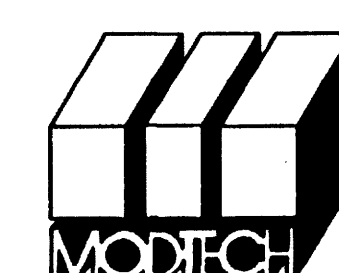


PC
CBC 1998

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICE

PC-04
101268

AC IT FLS SS
DATE SEP 07 1990



MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
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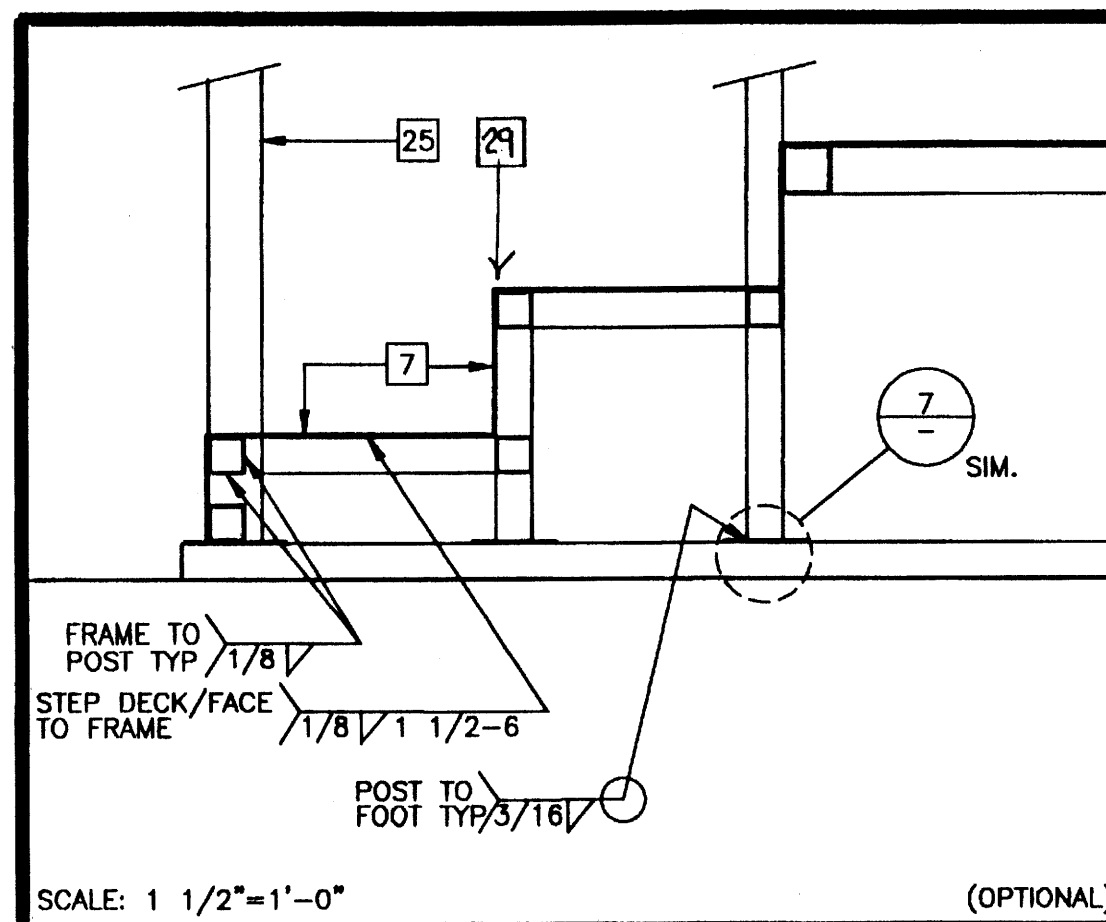
PROJECT NUMBER: 4134

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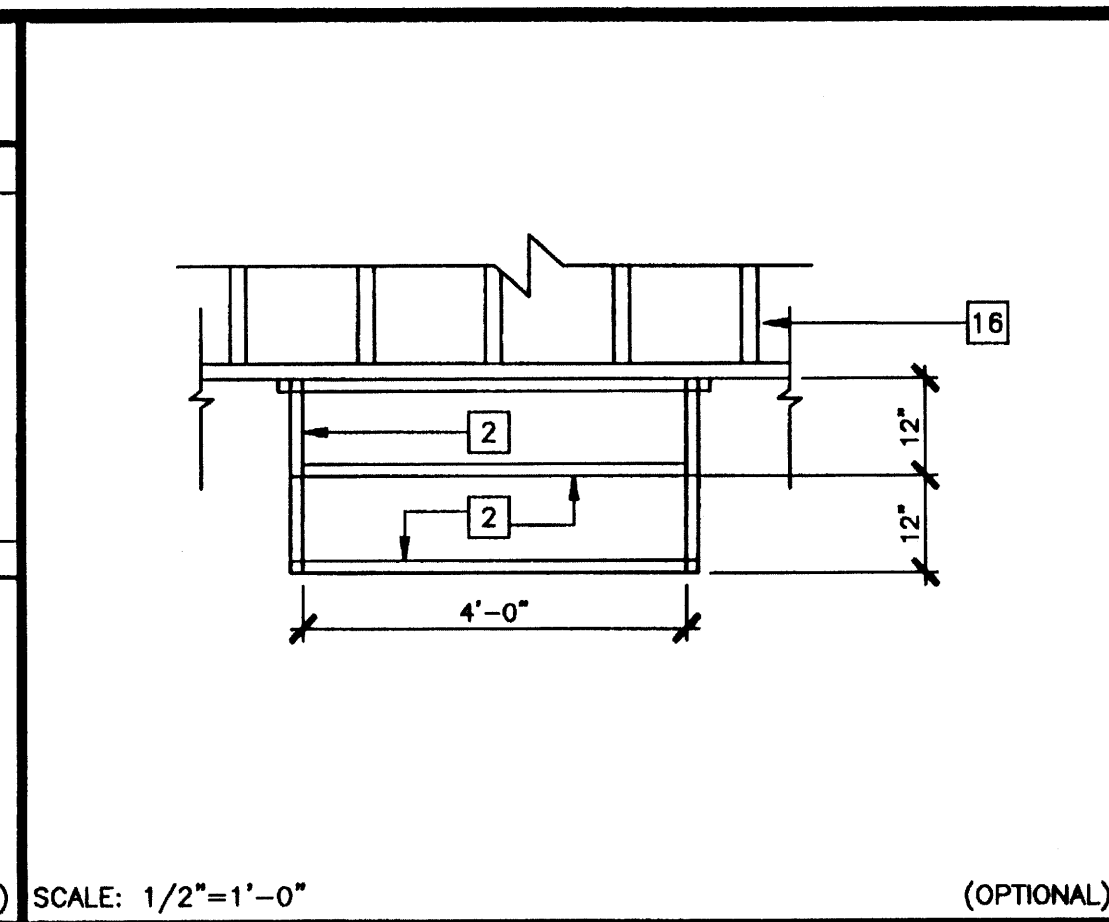
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.

R2.01

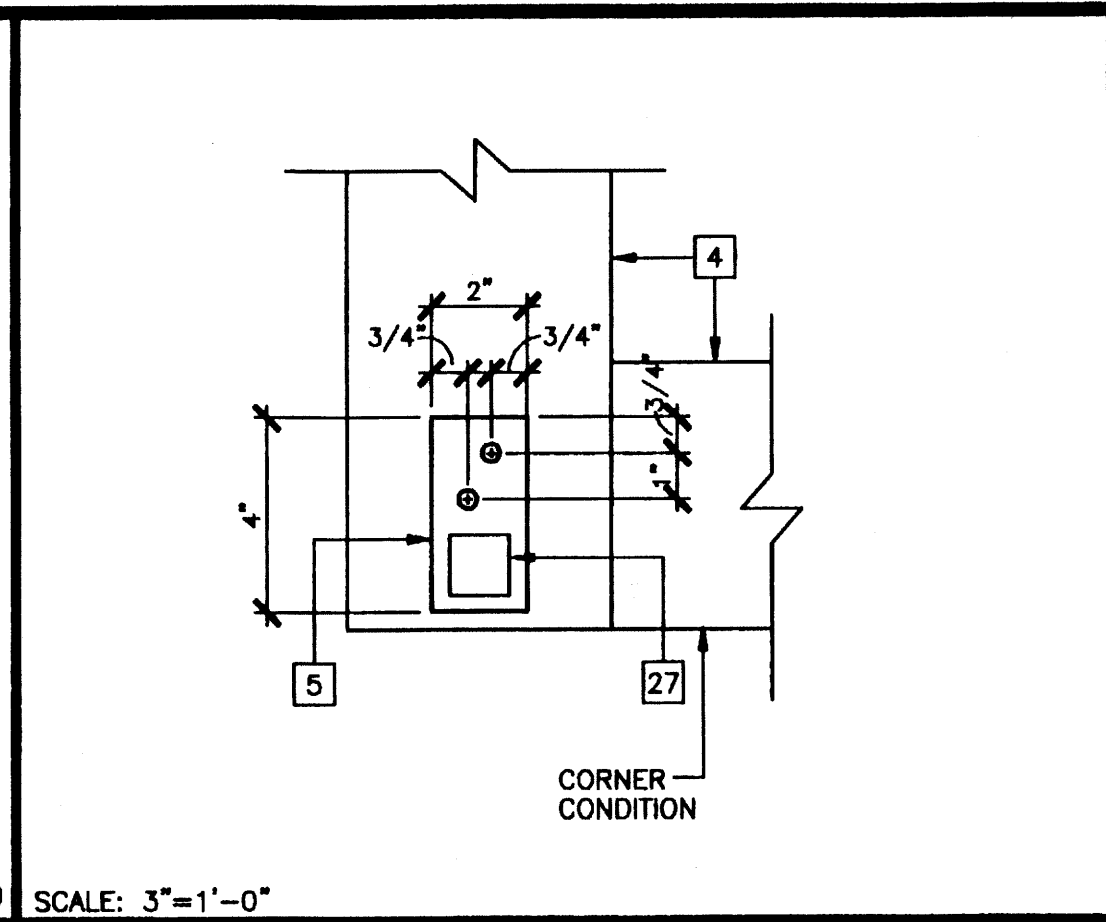
RAMP/LANDING



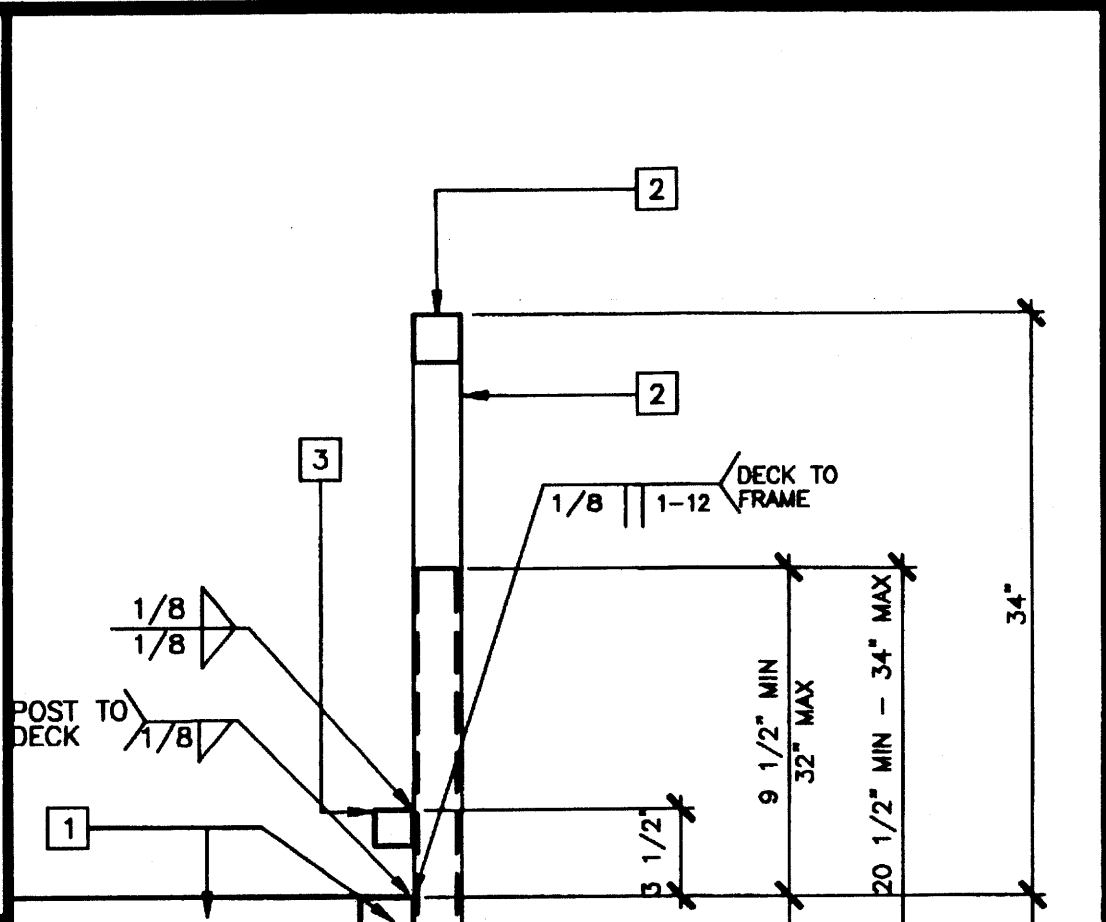
STAIR SECTION 16



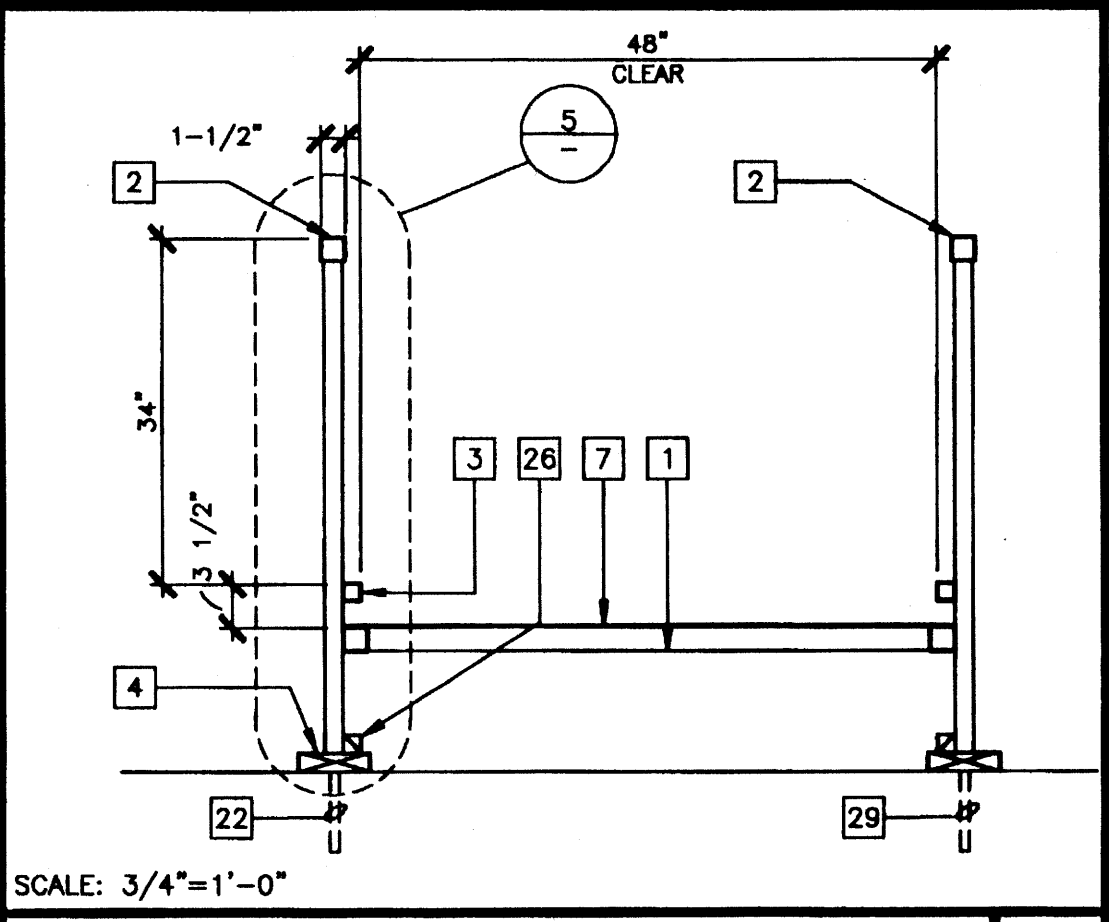
STAIR FRAMING PLAN 12



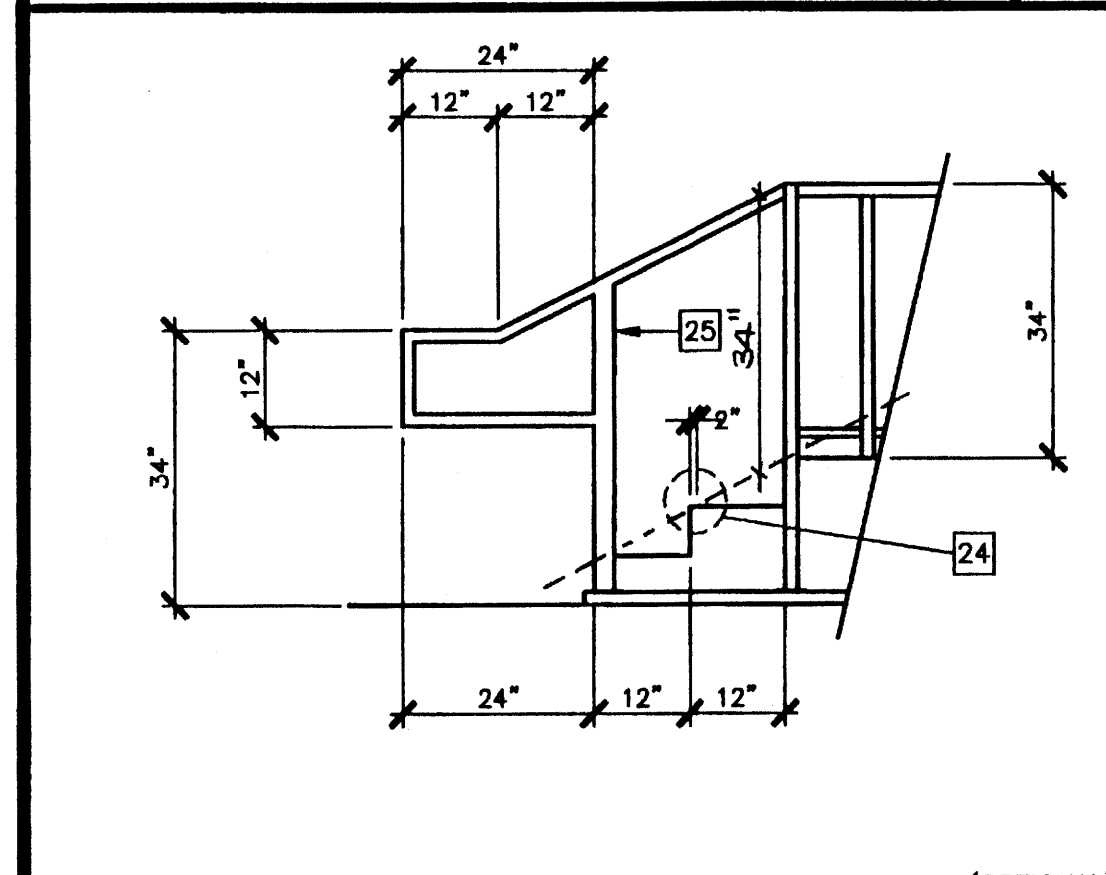
ADJUSTABLE LEG BASE PLATE 8



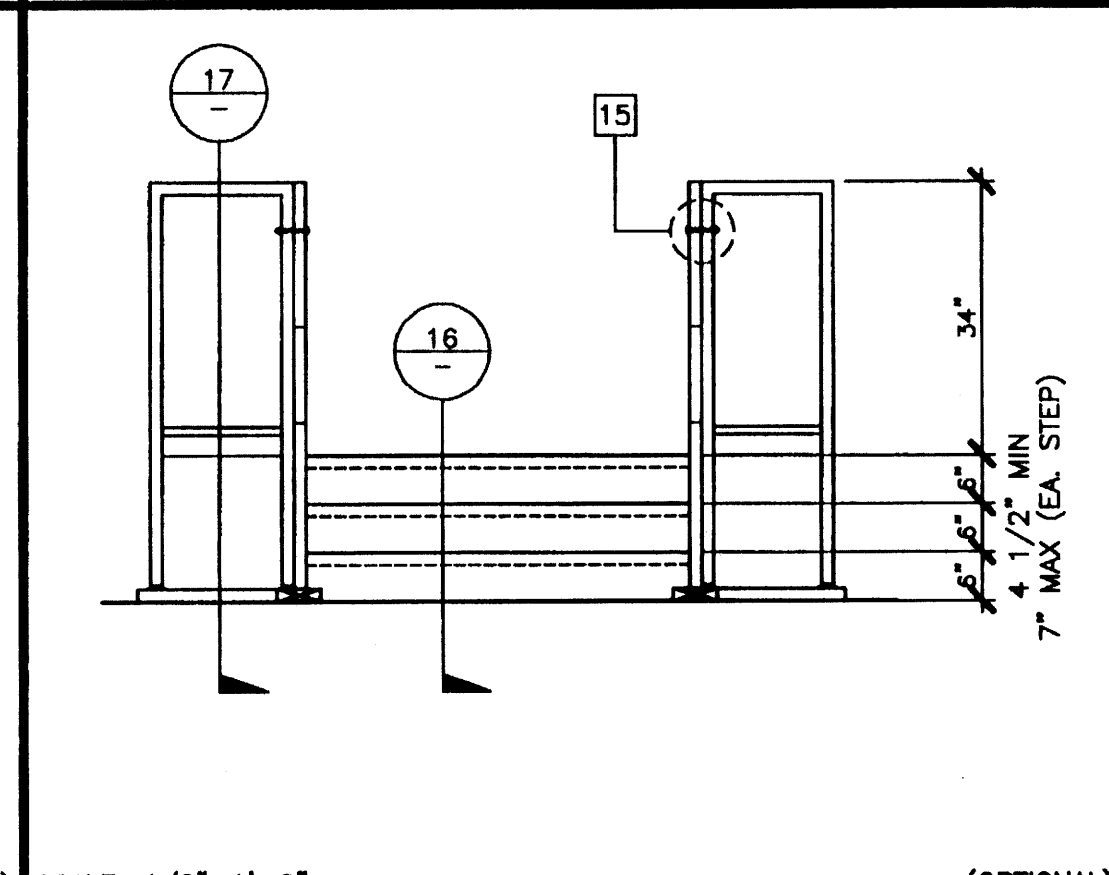
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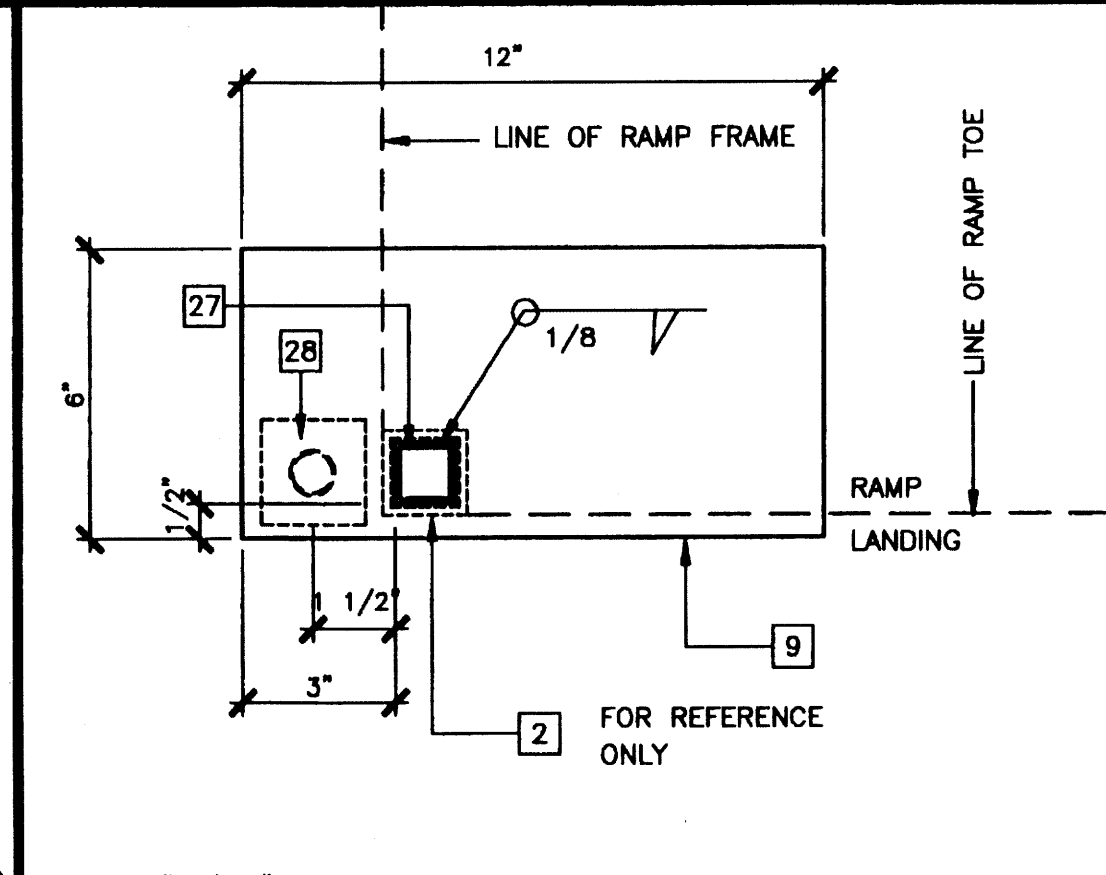
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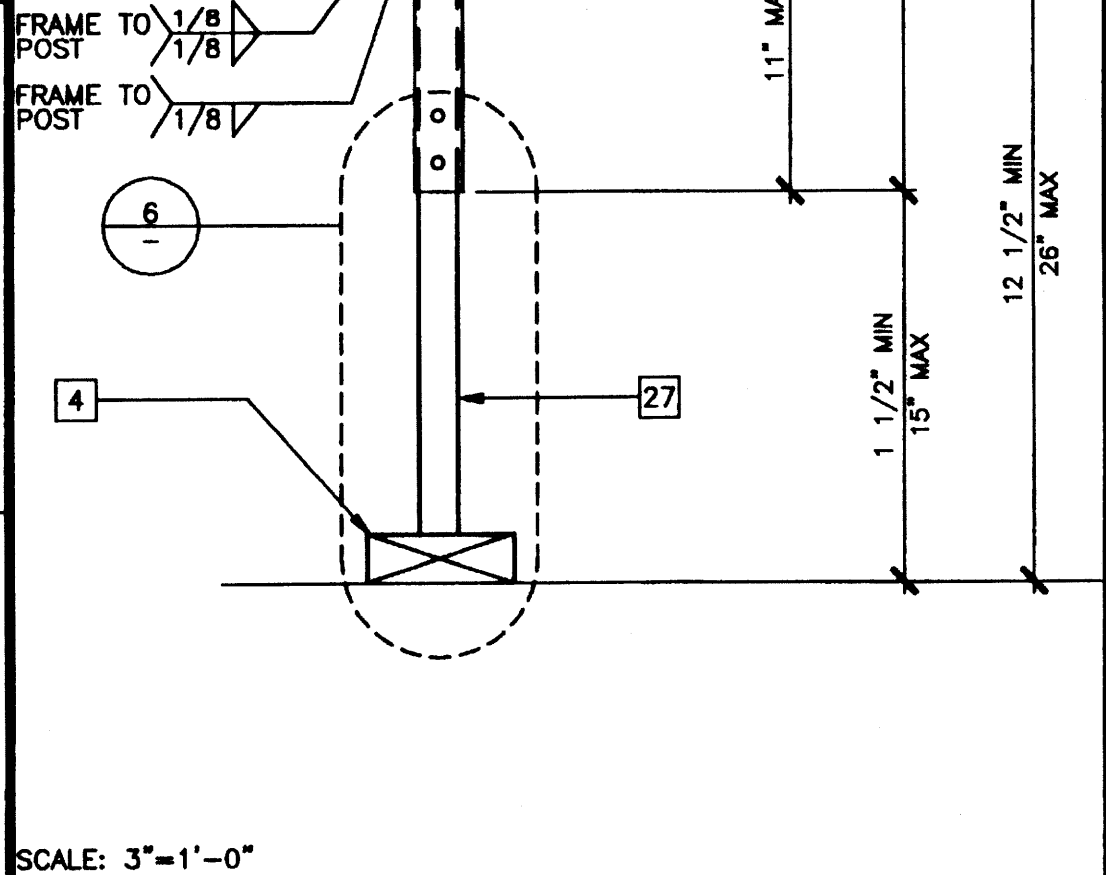
STAIR ELEVATION 17



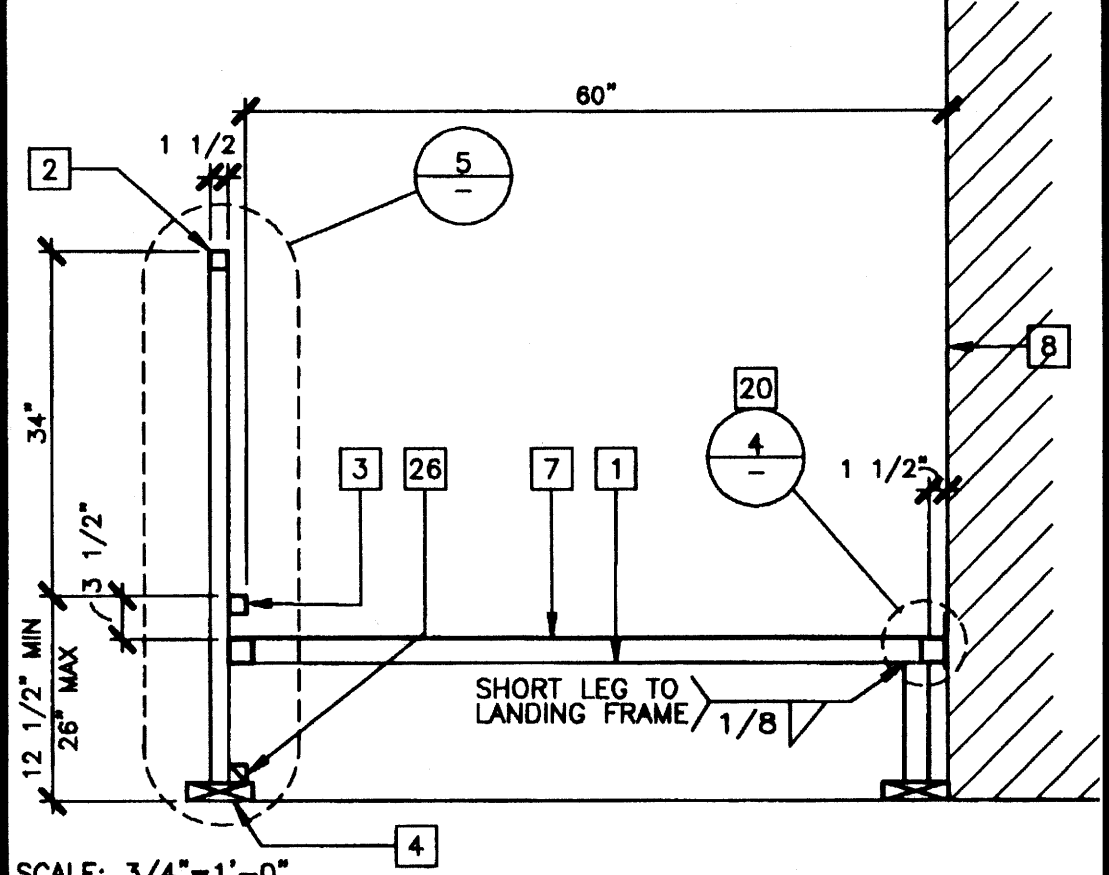
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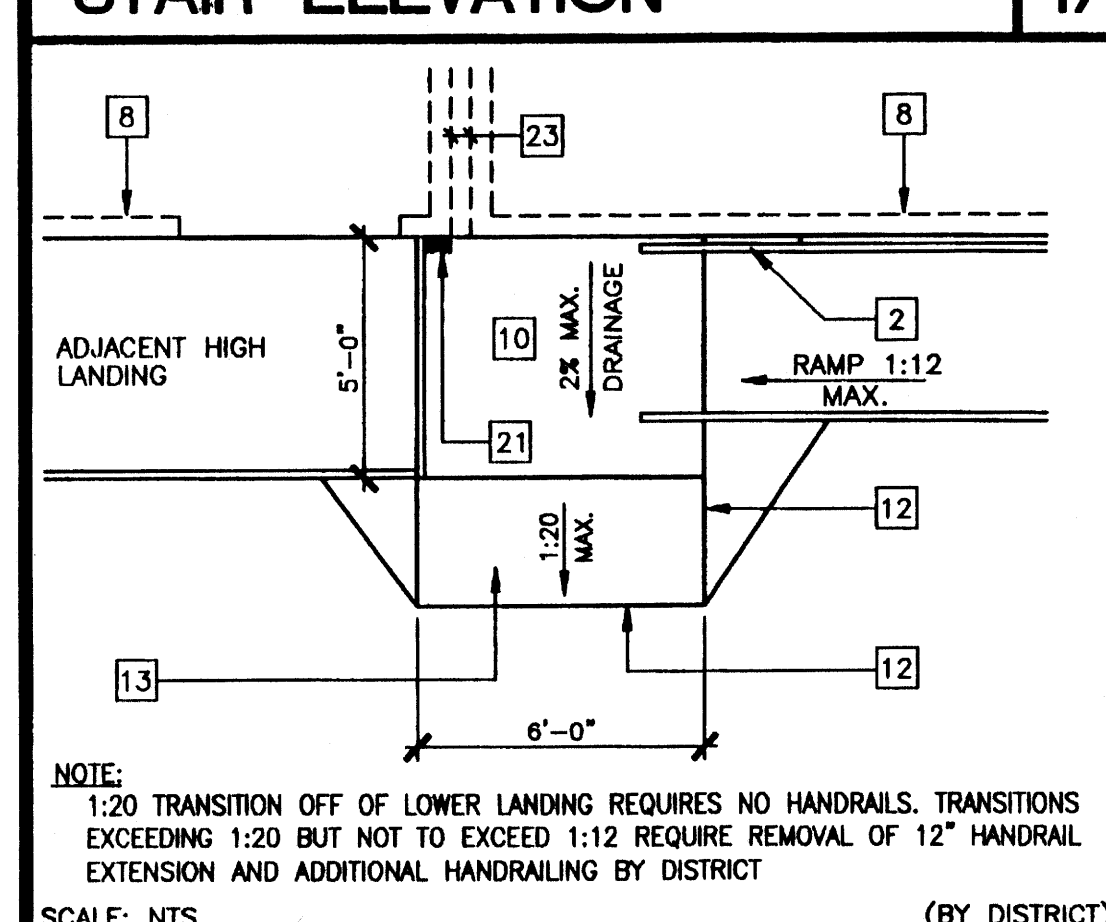
BASE PLATE AT RAMP TOE 9



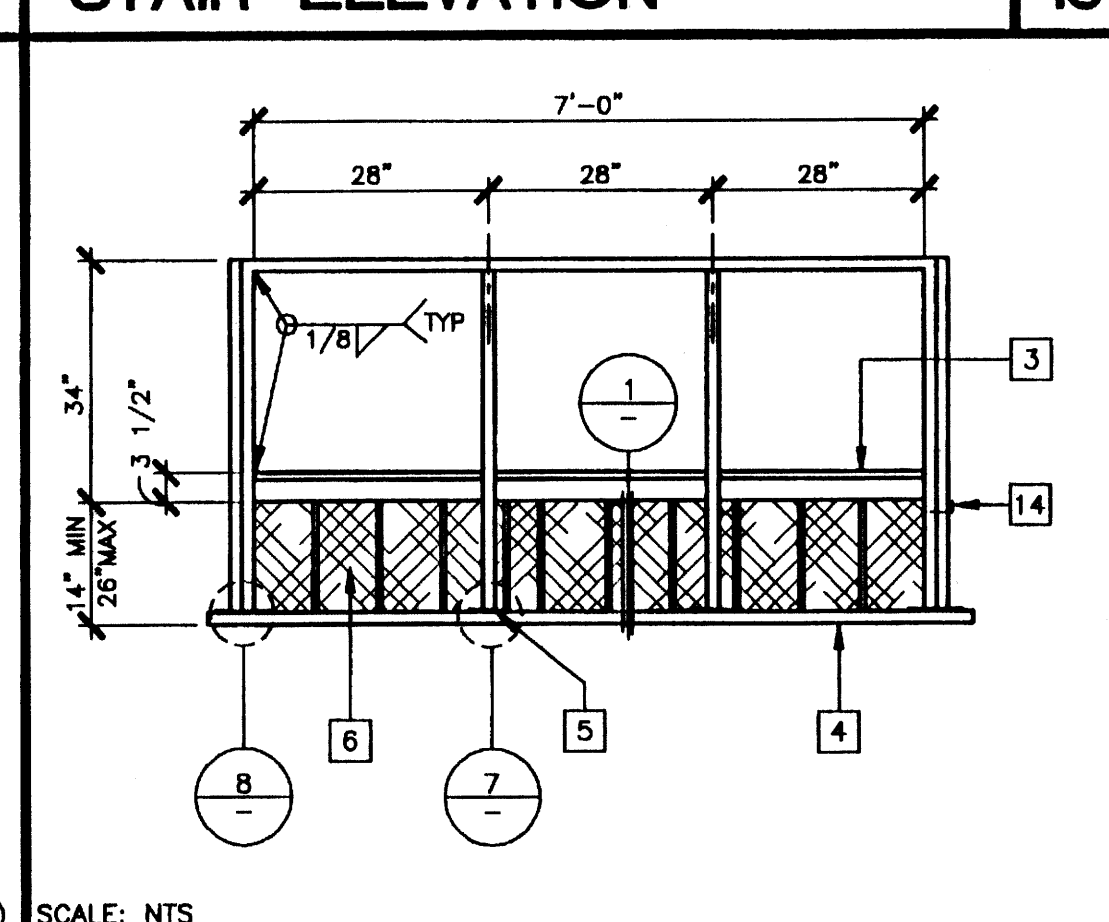
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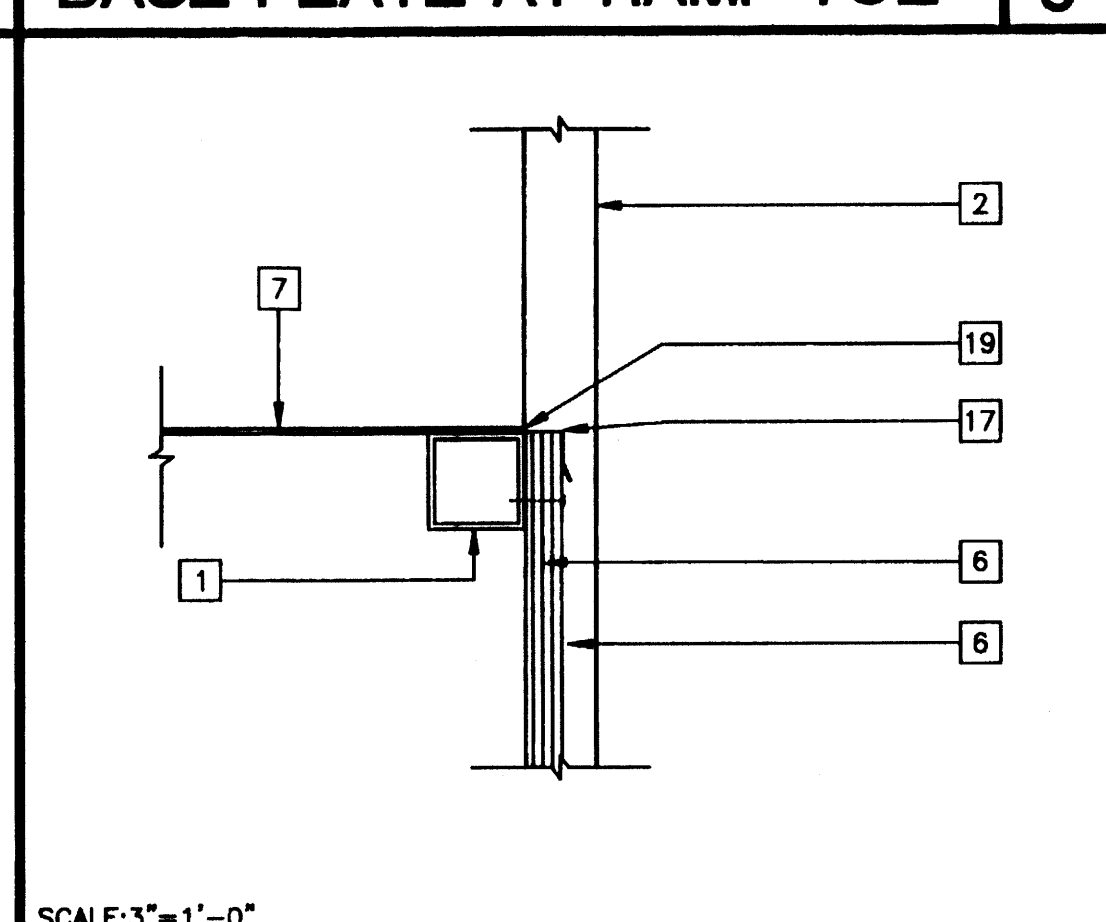
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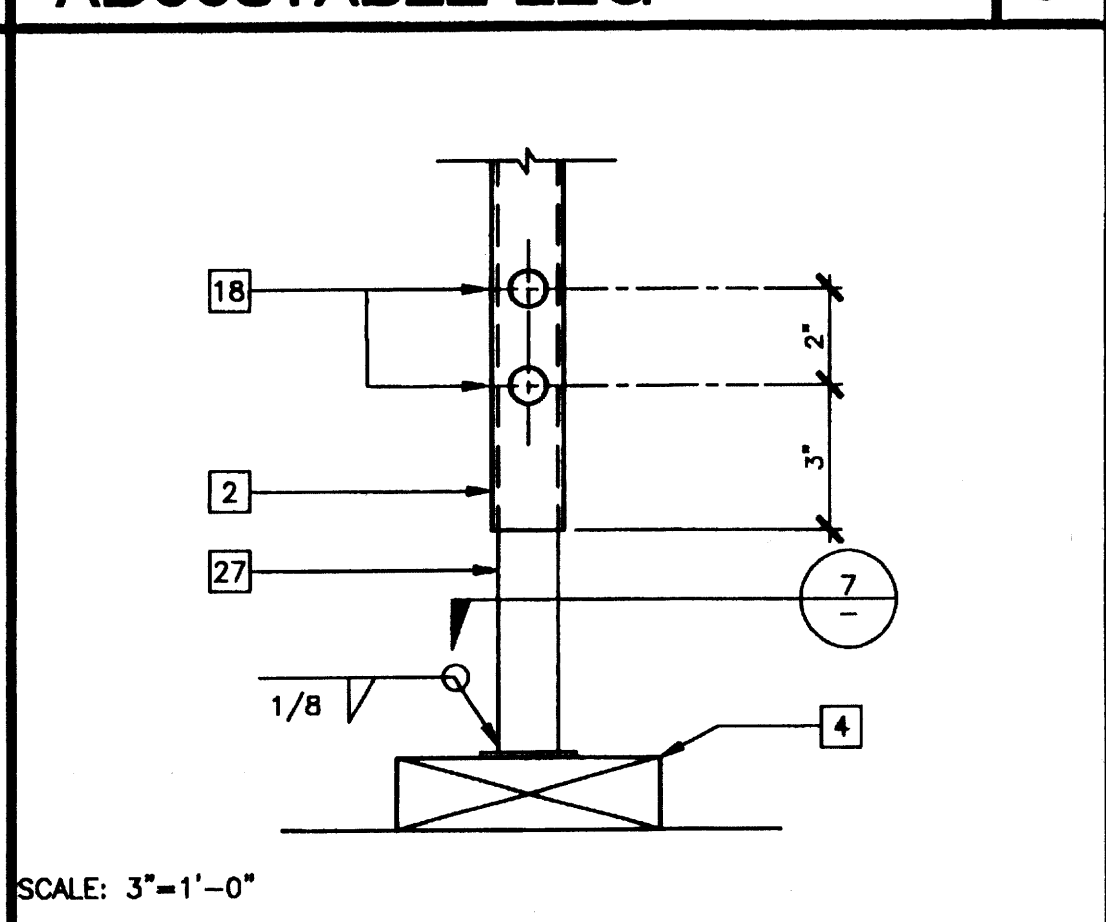
RAMP TRANSITION 18



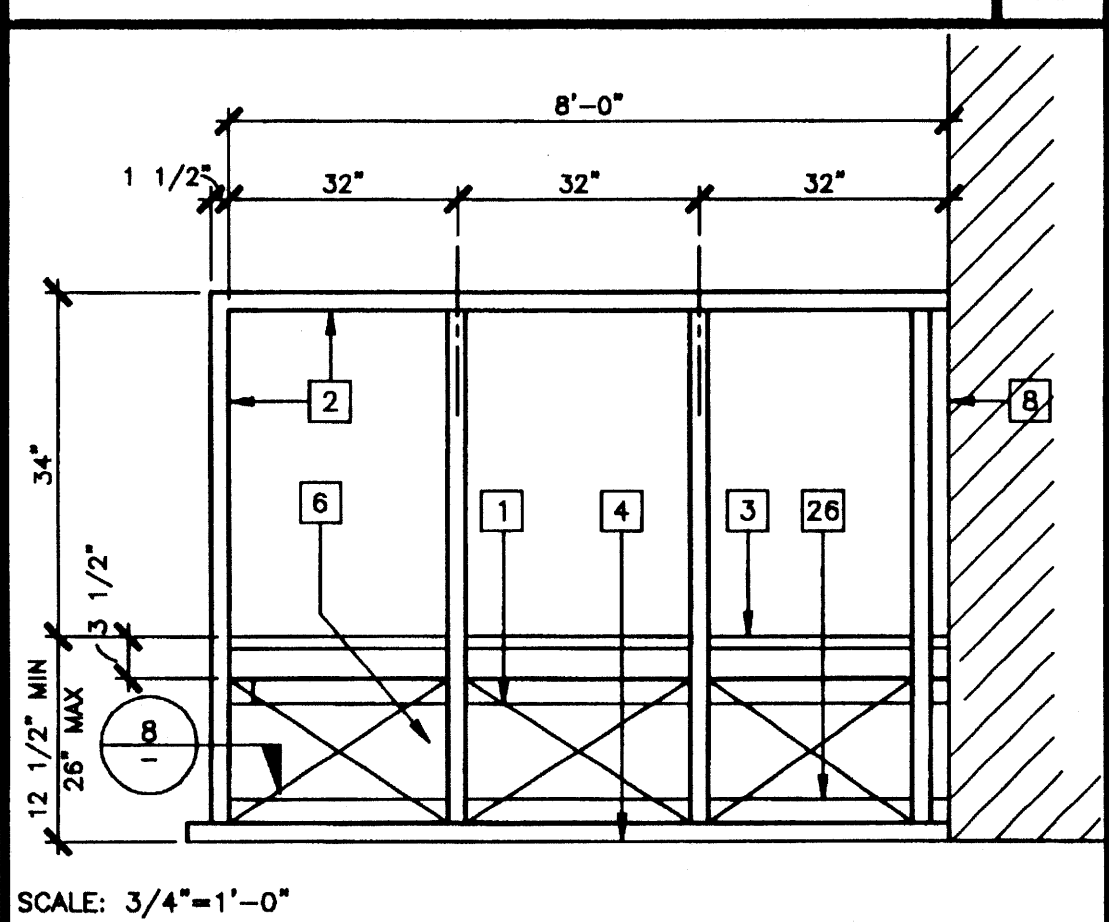
LANDING ELEVATION 14



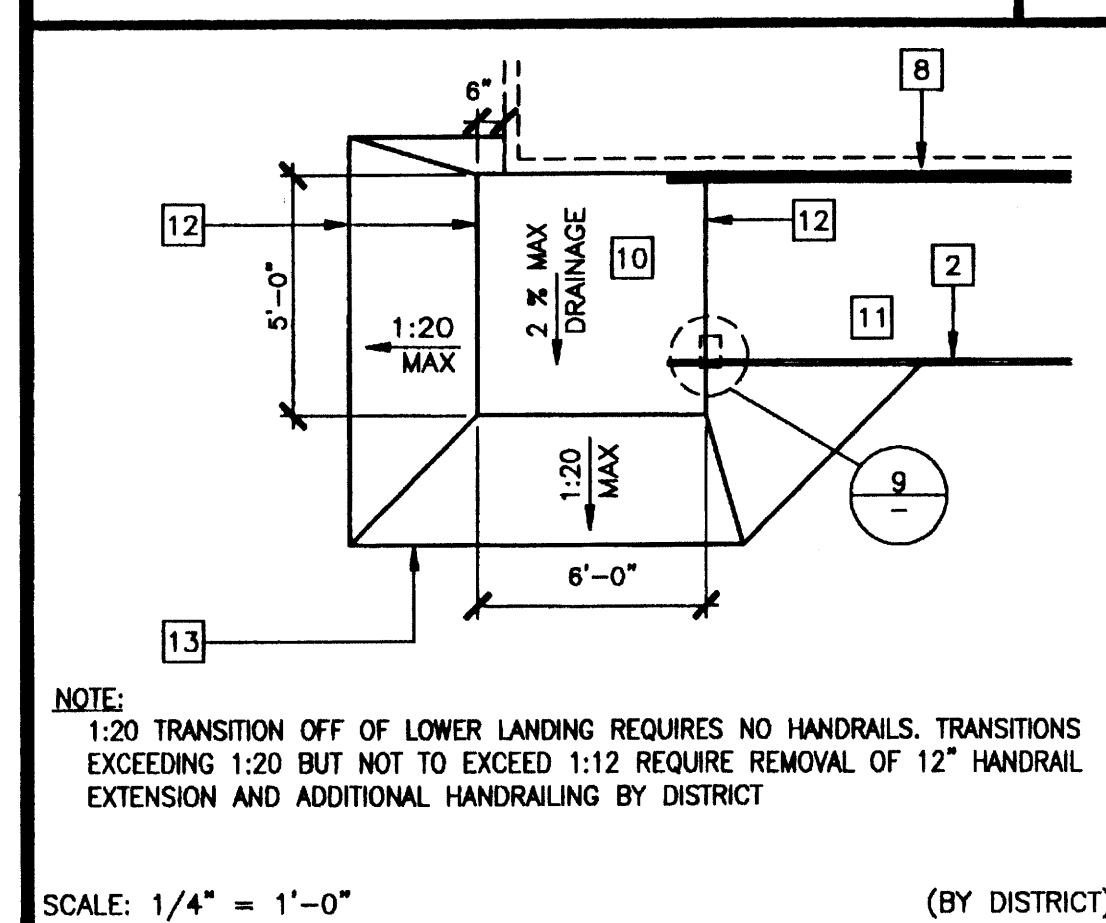
SKIRT FLASHING 10



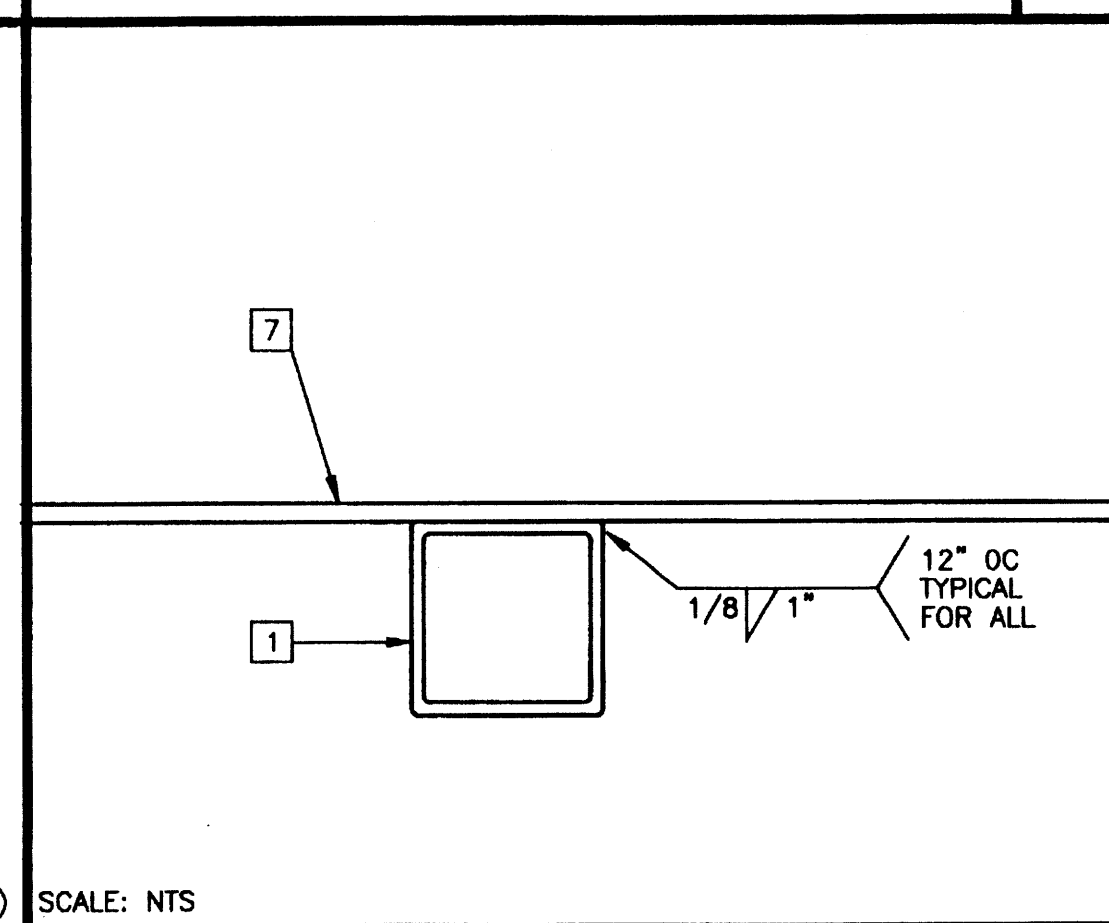
ADJUSTABLE LEG 6



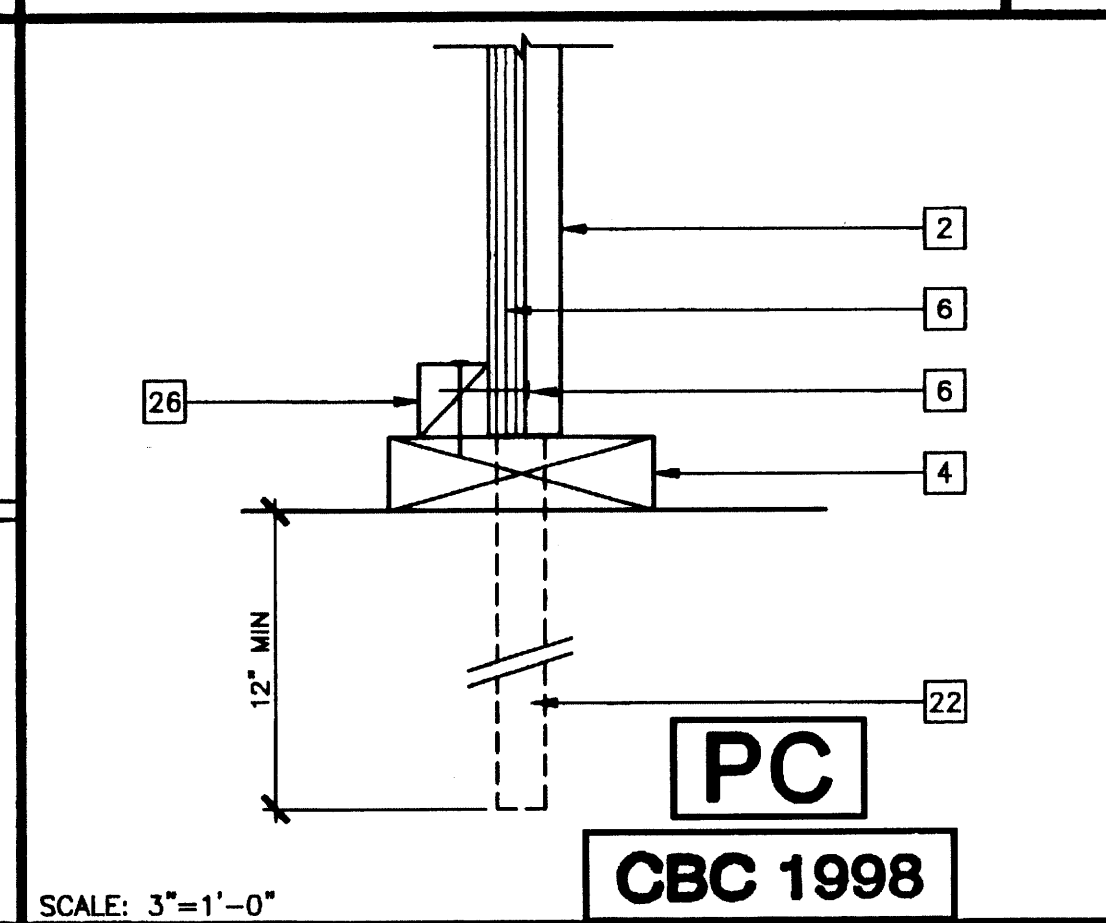
END ELEVATION 3



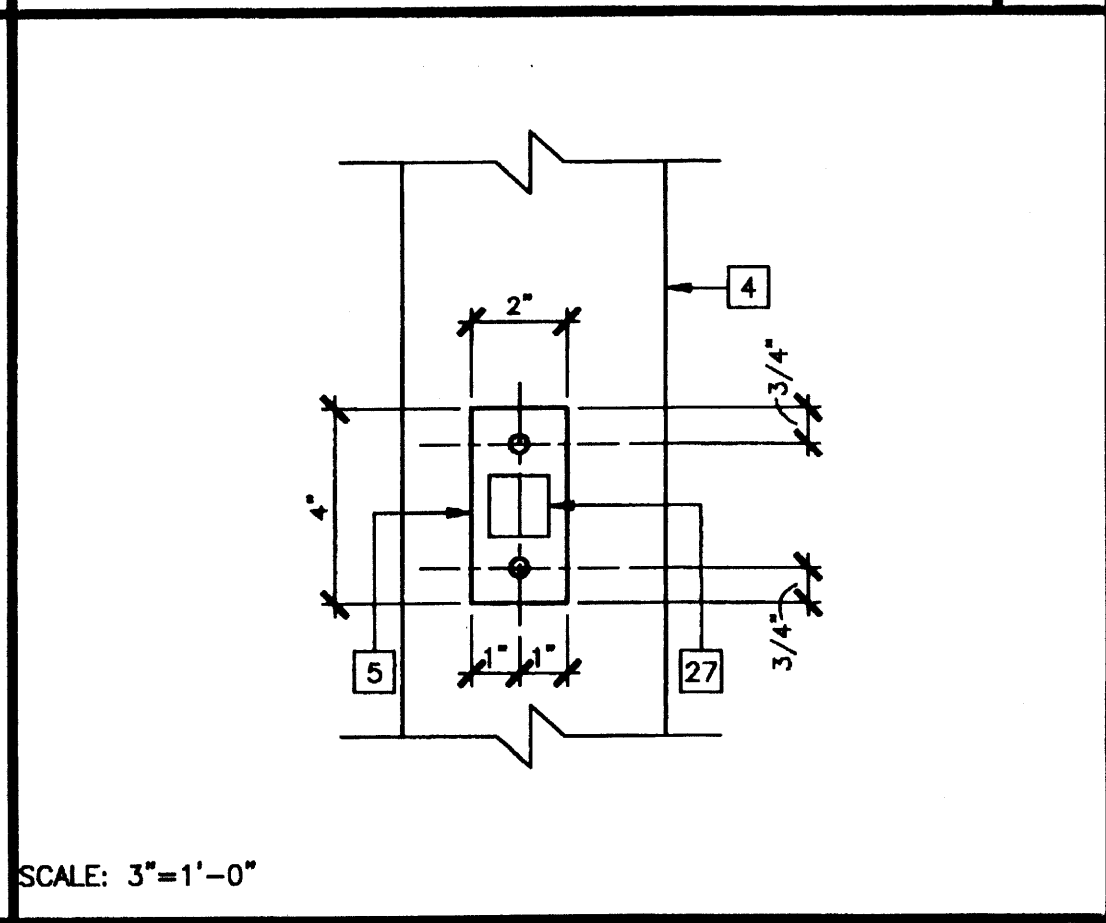
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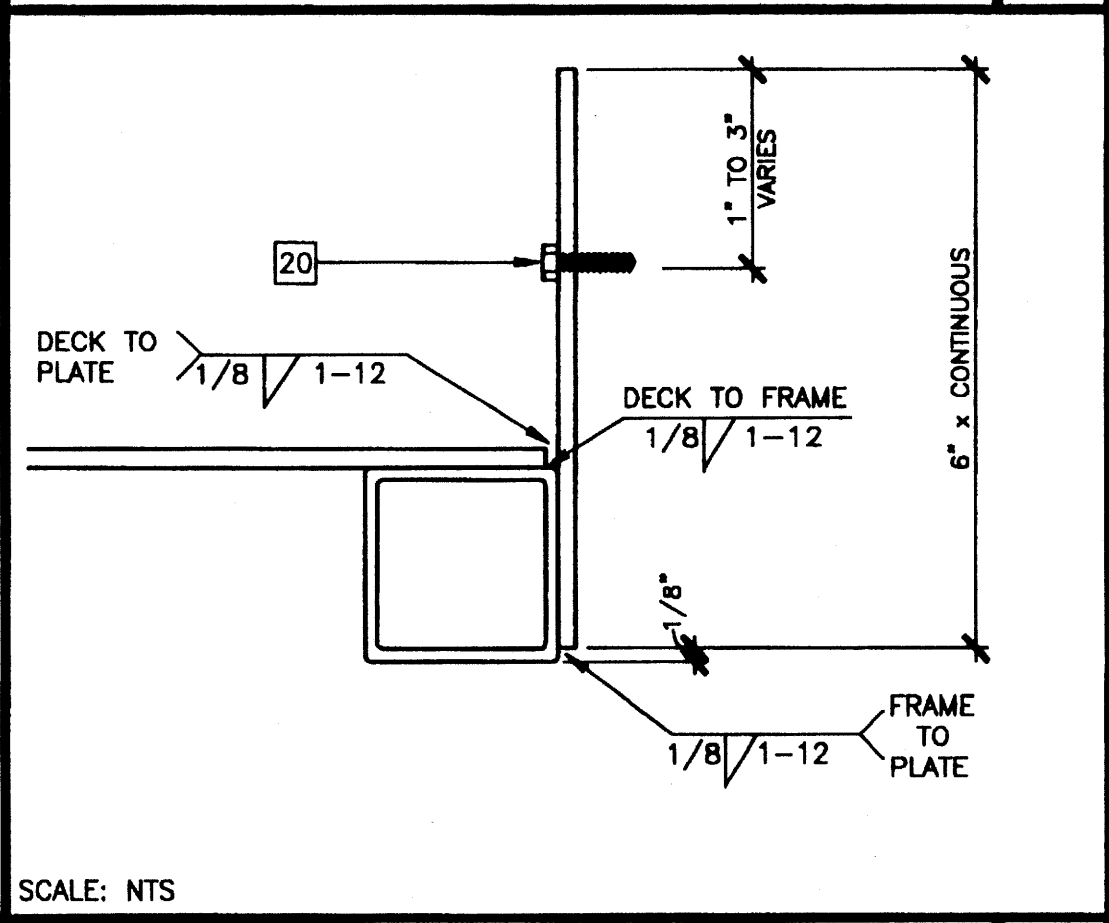
SECTION AT INTERIOR FRAME 15



SKIRT AT SILL PLATE 11



ADJUSTABLE LEG BASE PLATE 7



SECTION AT PLATE 4

KEY NOTES

- TS 2"x2"x14 GA
- TS 1 1/2"x1 1/2"x14 GA (Fy = 39 KSI)
- 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 T.S. USE #14x2" TEK SCREWS AT 6" OC
- 12GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.6. 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" THRU BOLT, TYPICAL
- RAMP LANDING, TYPICAL
- 26 GA FLASHING
- 3/8"x2" LONG MB WITH NUT & WASHERS
- CAULKING
- 6" x 10GA CONTINUOUS PLATE W / #14 x 2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL AT 9" OC
- PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION. BY DISTRICT
- SILL RESTRAINT PIPE 1" - 12" MINIMUM EMBEDMENT
- 3" MINIMUM BUILDING SERERATION
- 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
- TS 1 1/4"x1 1/4"x14 GA (Fy = 39 KSI)
- SILL RESTRAINT PIPE 1" - 12" MINIMUM EMBEDMENT WITH 2"x2"x1/4" CAP PLATE WELDED TO PIPE
- PROVIDE ROUNDED OR BEVELED EDGES ON STAIR NOSING.

STKP-62

PROJECT NO. 4134

MODTECH, INC. 2001

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

R2.02

REVISIONS

NO.	DESCRIPTION
1	
2	
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

PROPOSED EXPIRES 6-30-2000

IDENTIFICATION STAMP
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PC-04
101268

AC: JLS
DATE: SEP 07 2000

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CBC 1998

MODTECH INC.

2830 BARRETT AVENUE
PERRIS, CALIF. 92572

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

PROJECT NUMBER: 4134

RAMP/LANDING DETAILS

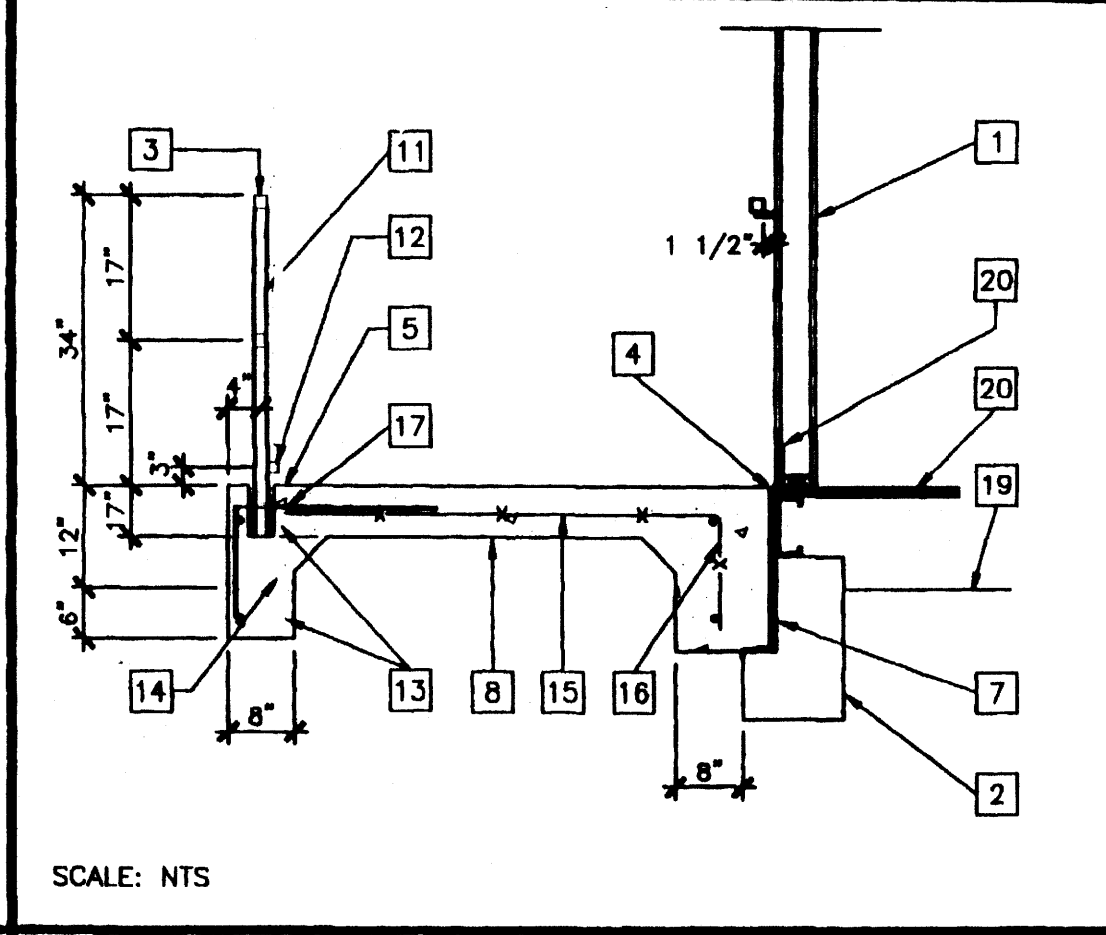
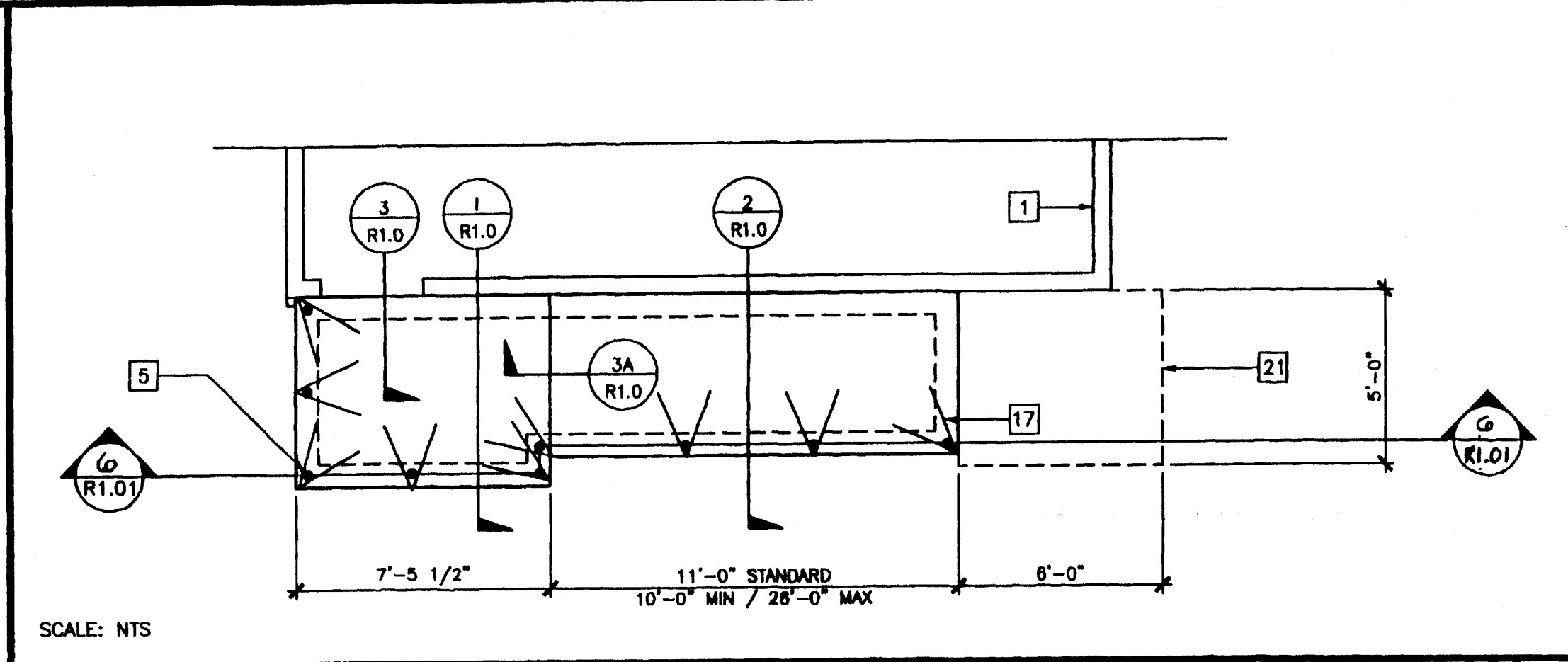
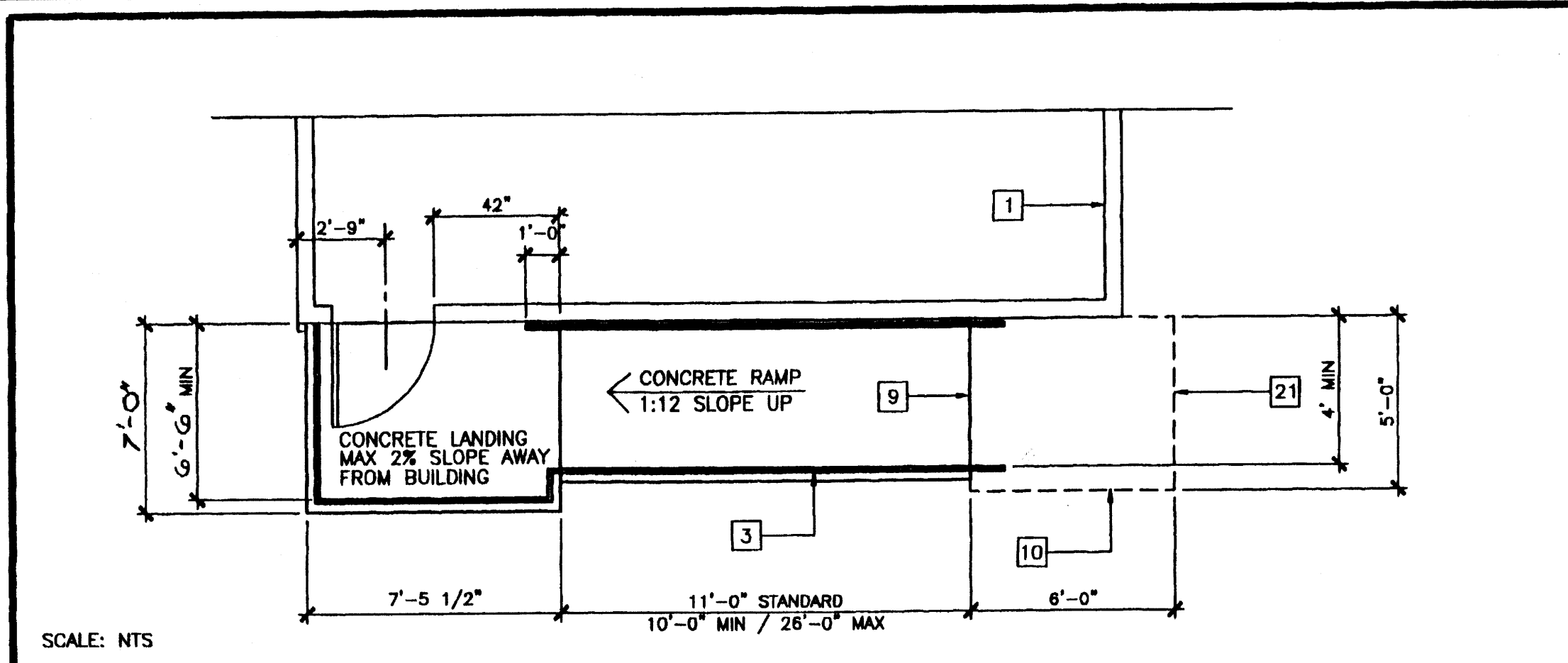
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PROJECT NO. 4134

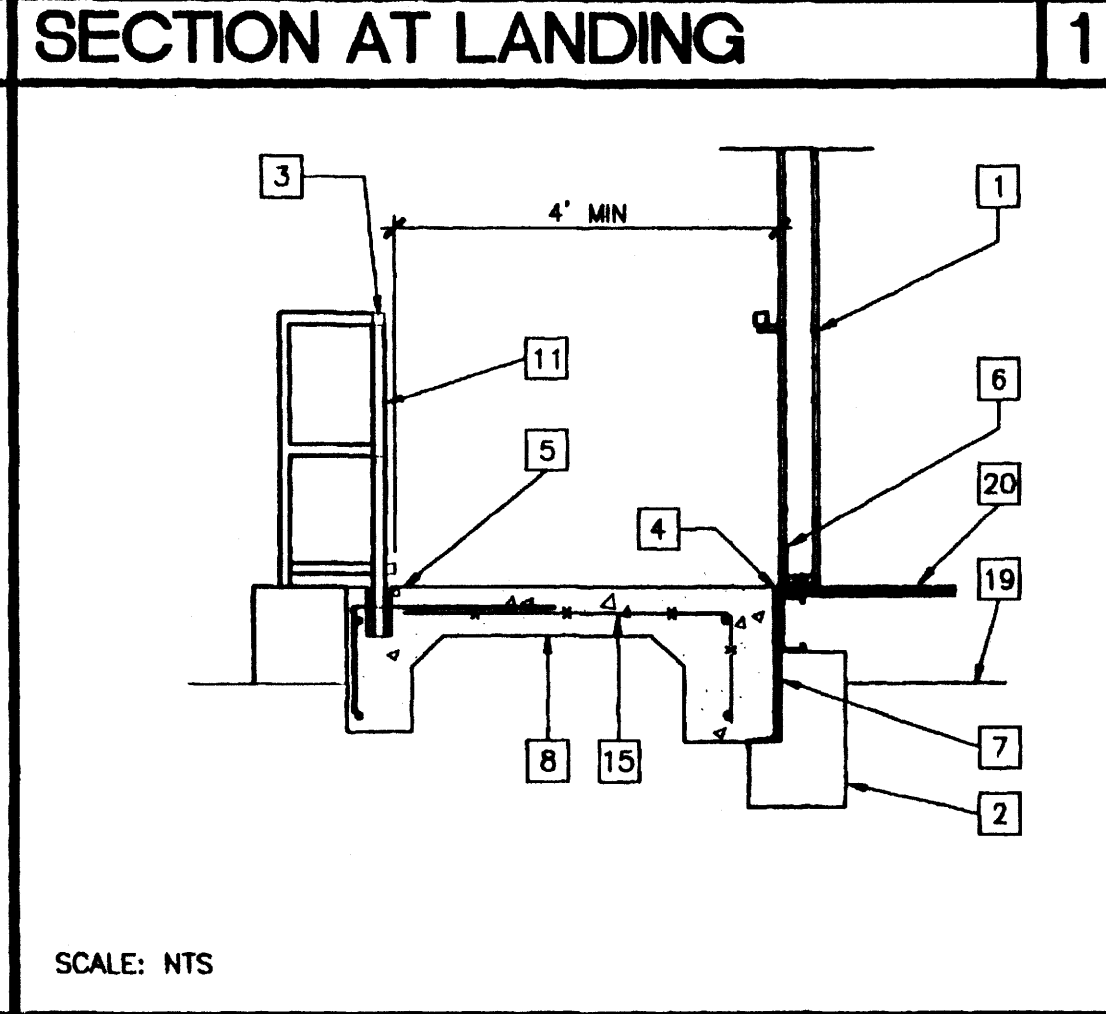
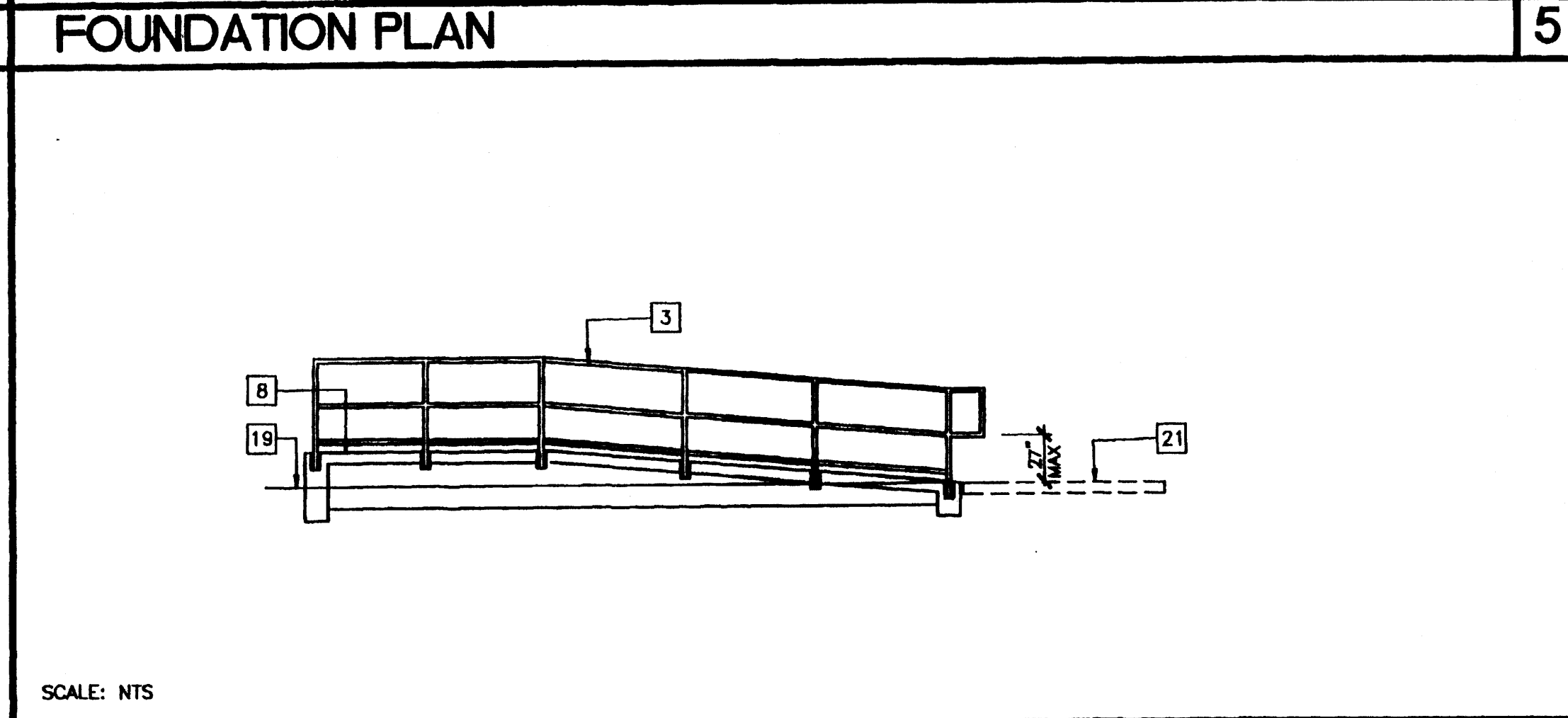
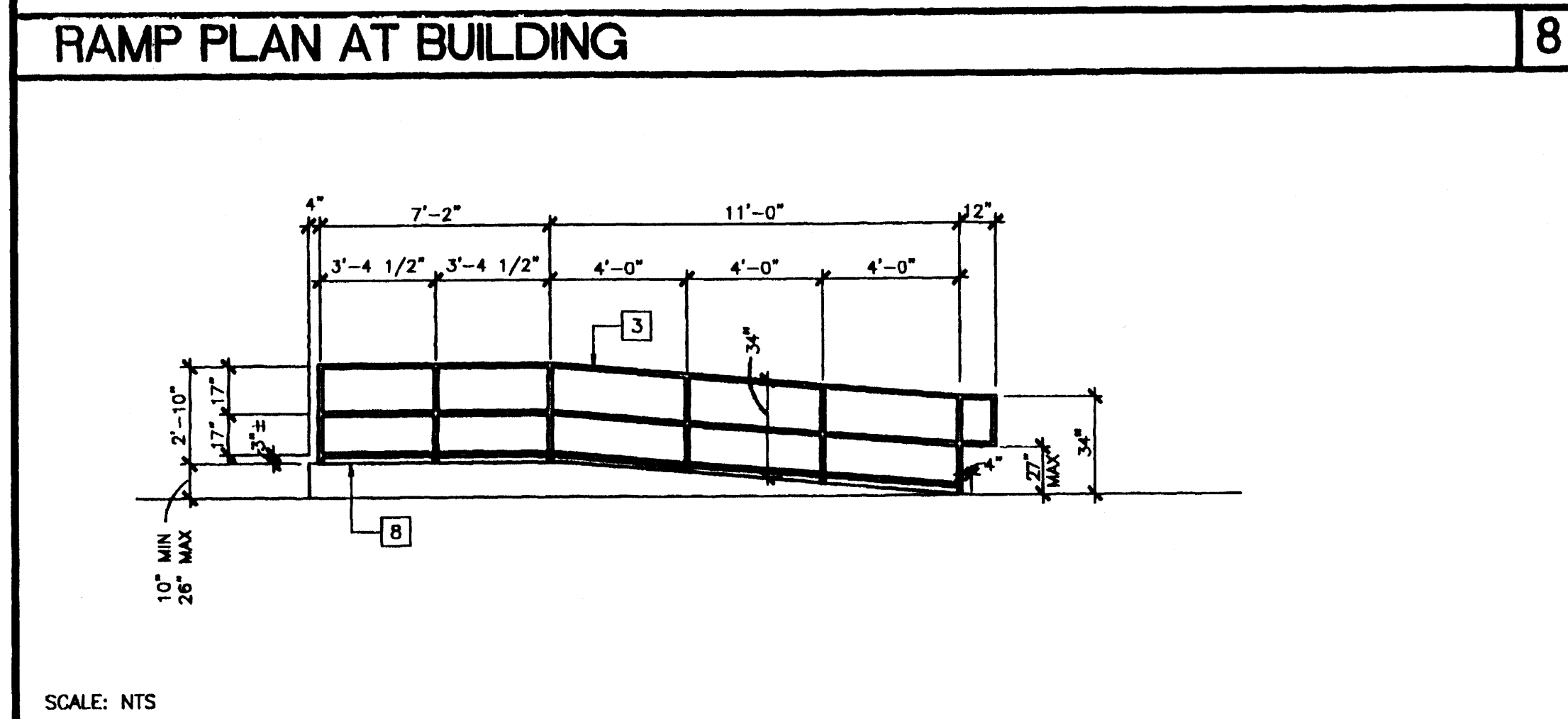
MODTECH, INC. 2001

DRAWN BY: M. ANDERSEN
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DATE: 04-16-02
MODTECH Index No.

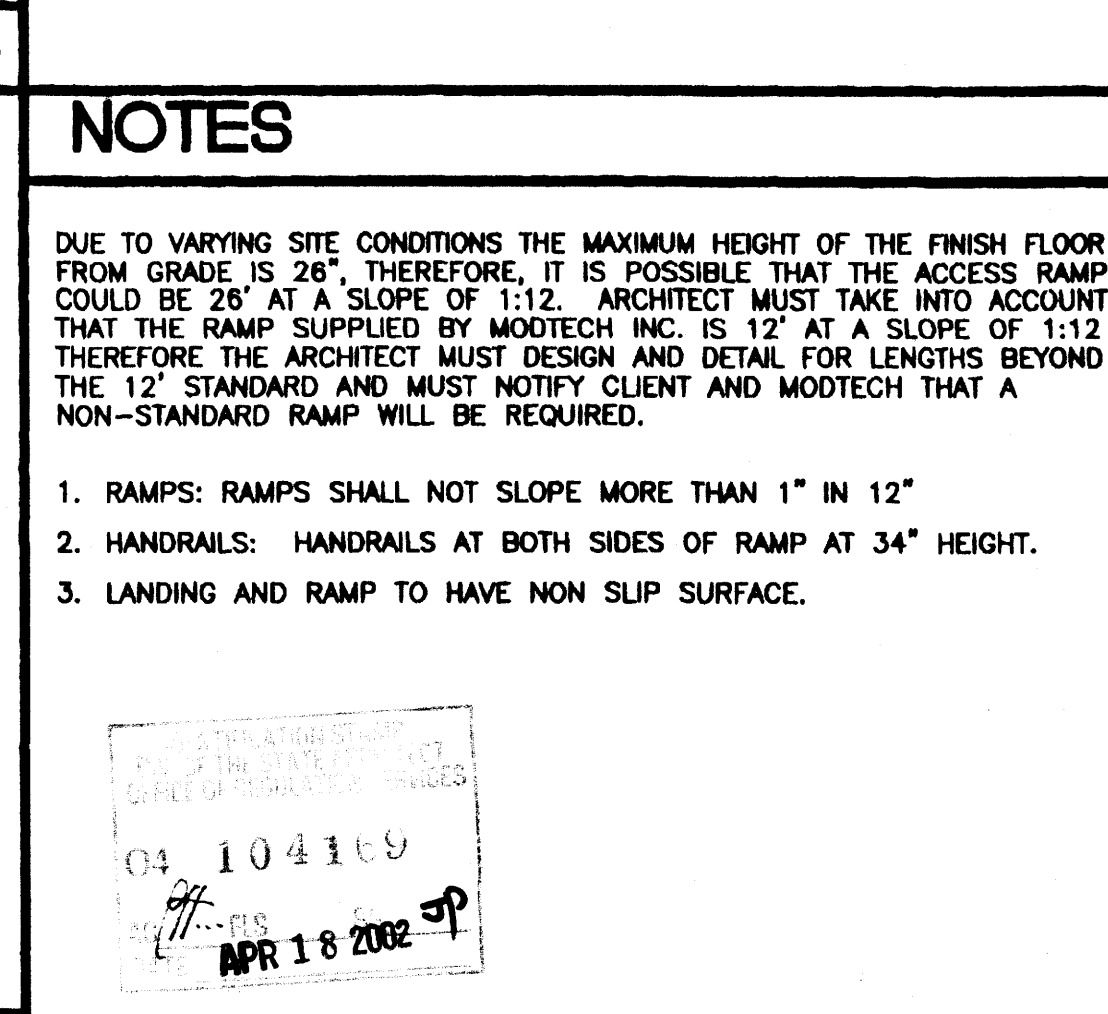
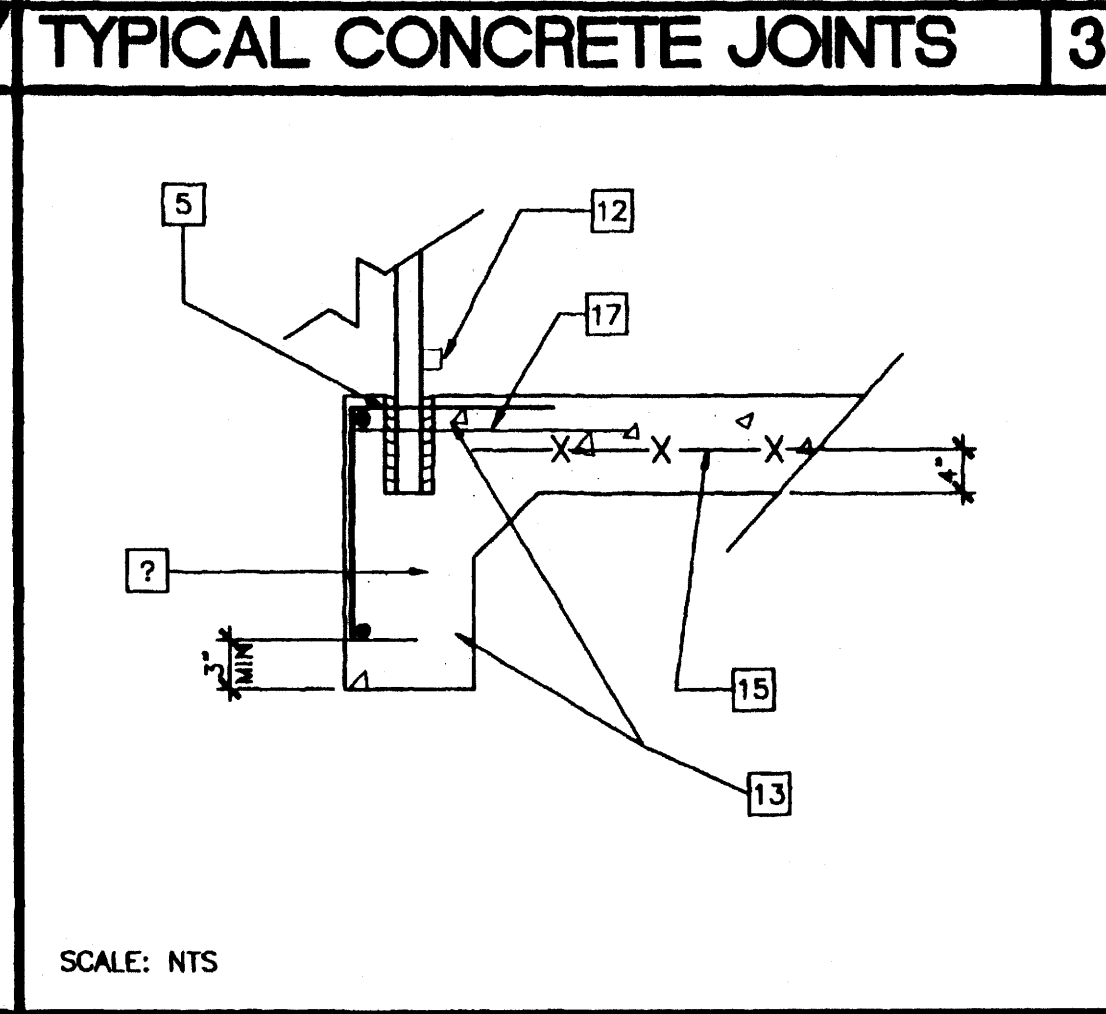
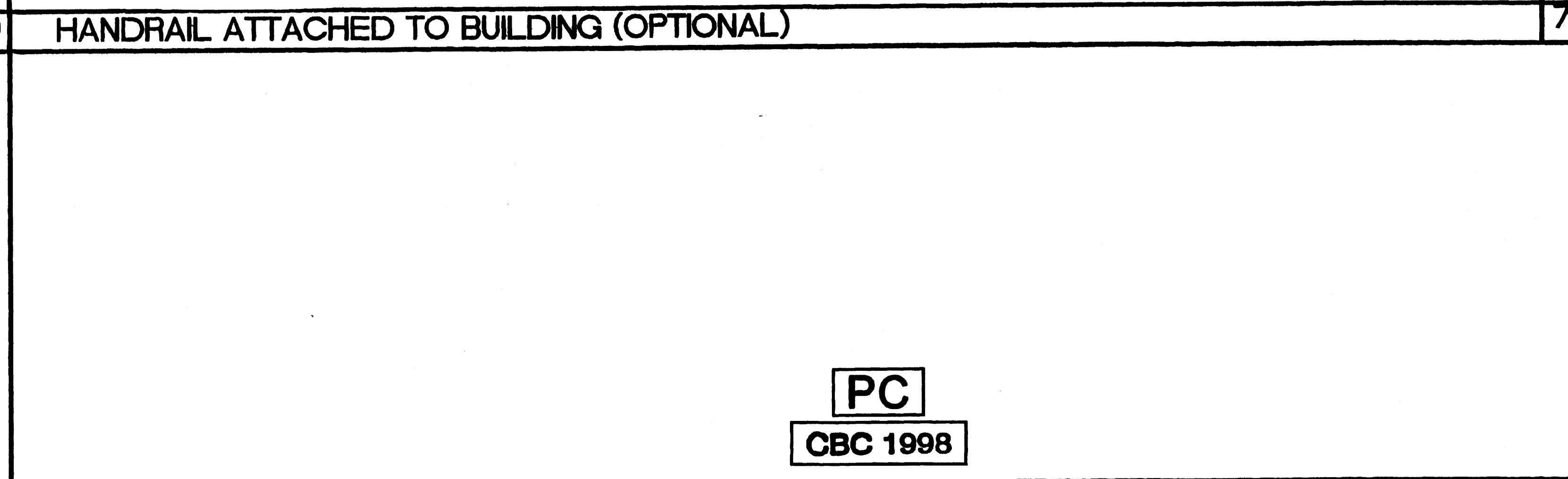
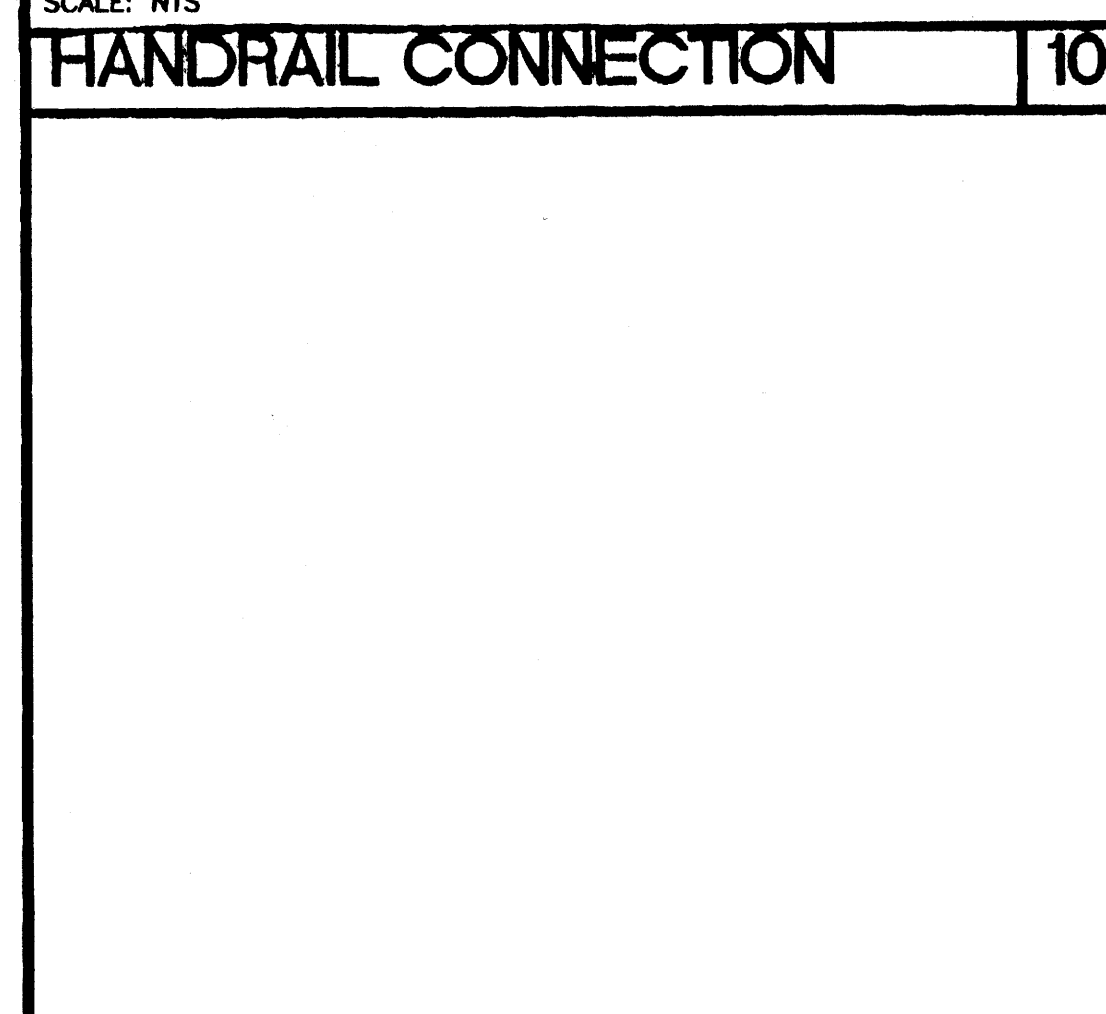
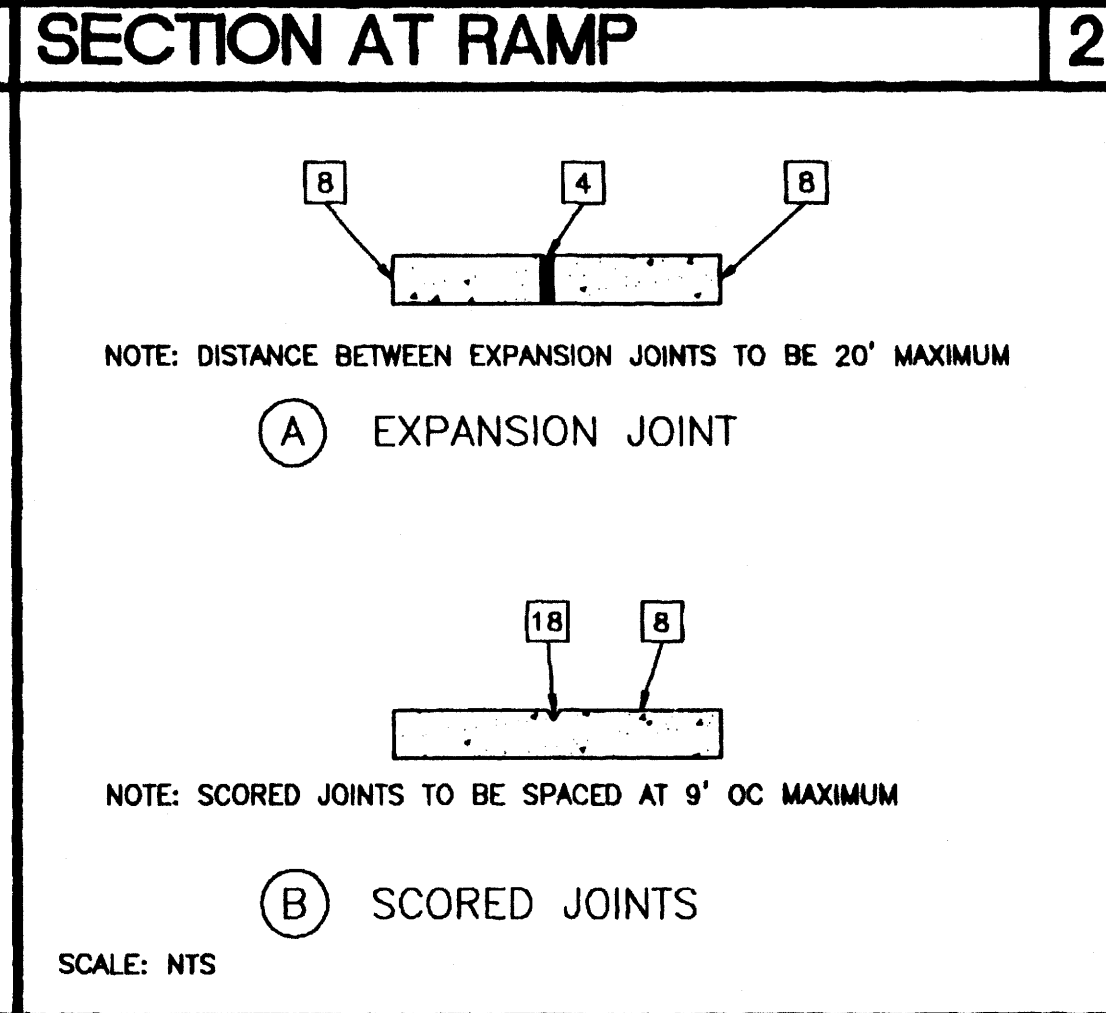
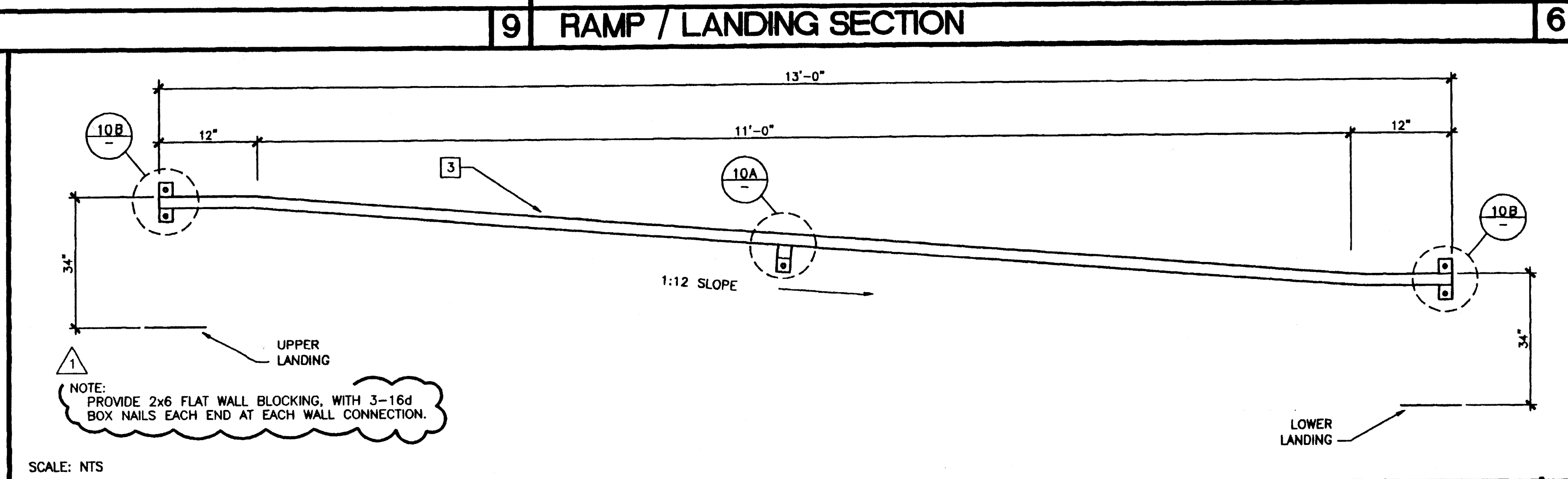
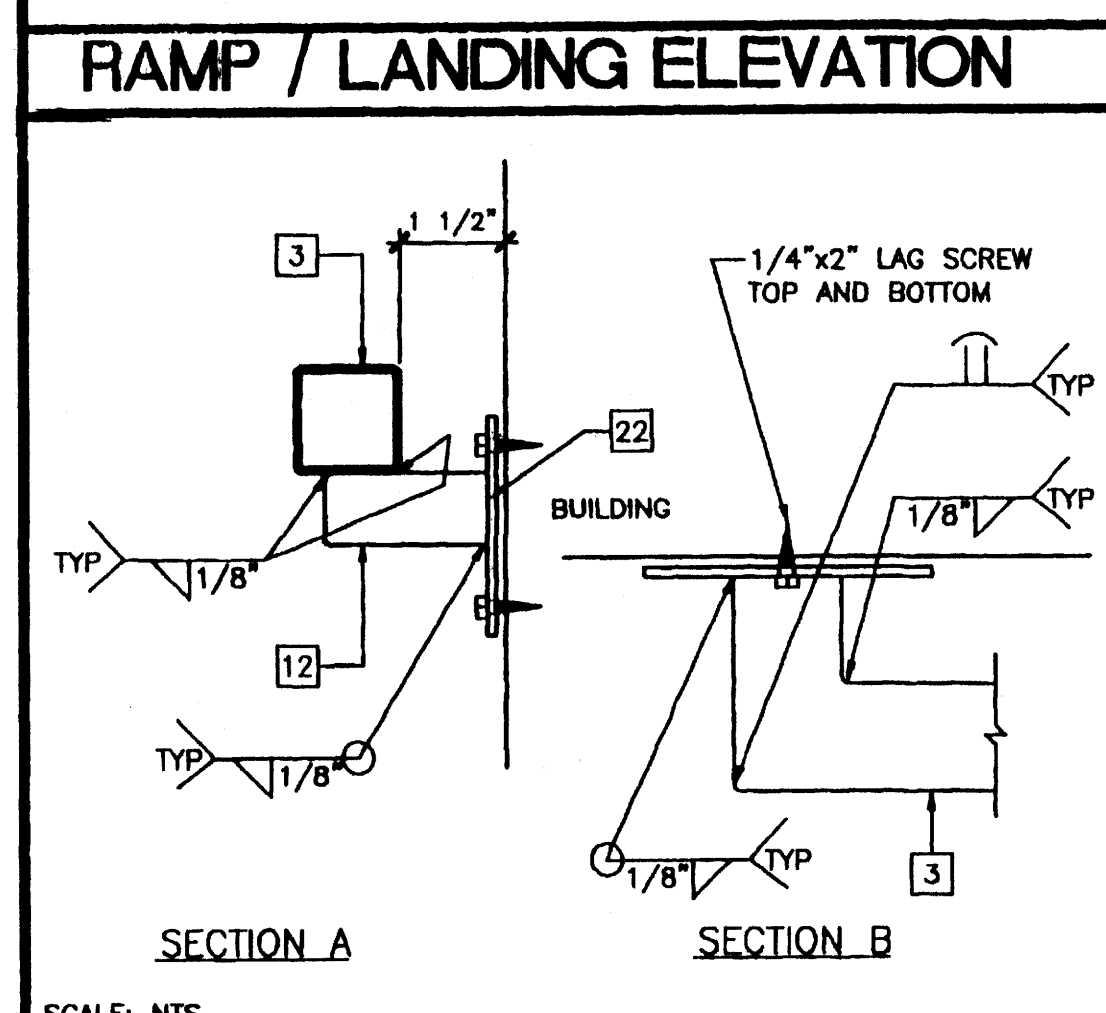
R2.02



- ### KEY NOTES
- 1 CLASSROOM BUILDING
 - 2 FOOTING. SEE BUILDING FOUNDATION PLAN
 - 3 TS 1 1/2"x1 1/2"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED
 - 4 SEALANT OVER 1/2" COMPRESSIVE FILLER
 - 5 3" DIAx6" DEEP SCHEDULE 40 PVC CANOUT. REMOVE PVC, CLEAN OUT HOLE, PLACE RAIL LEG AND FILL WITH NON-SHRINKING GROUT.
 - 6 2" FLASHING BY MODTECH
 - 7 26 GA GALVANIZED FLASHING BY RAMP BUILDER
 - 8 6" CONCRETE SLAB OVER COMPACTED FILL WITH 6x6 10x10 WWM AT MID DEPTH OF SLAB.
 - 9 SMOOTH TRANSITION
 - 10 SMOOTH TRANSITION. LANDING TO PATH OF TRAVEL SURFACE
 - 11 1 1/2"x1 1/2"x0.188 (3/16") TUBE STEEL POSTS. ASTM A500 GRADE A FY = 39 KSI
 - 12 1"x1"x16GA TUBE STEEL WHEEL GAURO
 - 13 (1) - #4 CONT
 - 14 #4 24 AT 12" O.C.
 - 15 6x6-10x10 WWM
 - 16 BEND MESH DOWN
 - 17 #3x24"x24" HAIRPIN AT EACH TUBE VERTICAL
 - 18 SCORED CONCRETE JOINT
 - 19 FINISH GRADE LEVEL
 - 20 FINISH FLOOR LEVEL
 - 21 5'x6' LANDING BY DISTRICT. 2% SLOPE MAX AWAY FROM BUILDING
 - 22 2"x4"x1/8" PLATE



- ### NOTES
- DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF THE FINISH FLOOR FROM GRADE IS 26". THEREFORE, IT IS POSSIBLE THAT THE ACCESS RAMP COULD BE 26" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 12' AT A SLOPE OF 1:12 THEREFORE THE ARCHITECT MUST DESIGN AND DETAIL FOR LENGTHS BEYOND THE 12' STANDARD AND MUST NOTIFY CLIENT AND MODTECH THAT A NON-STANDARD RAMP WILL BE REQUIRED.
1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
 2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
 3. LANDING AND RAMP TO HAVE NON SLIP SURFACE.



REVISIONS

NO.	REVISION	DATE
1	SP MODTECH ENGINEERING CHANGE	09/28/00
2		
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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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101268
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MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

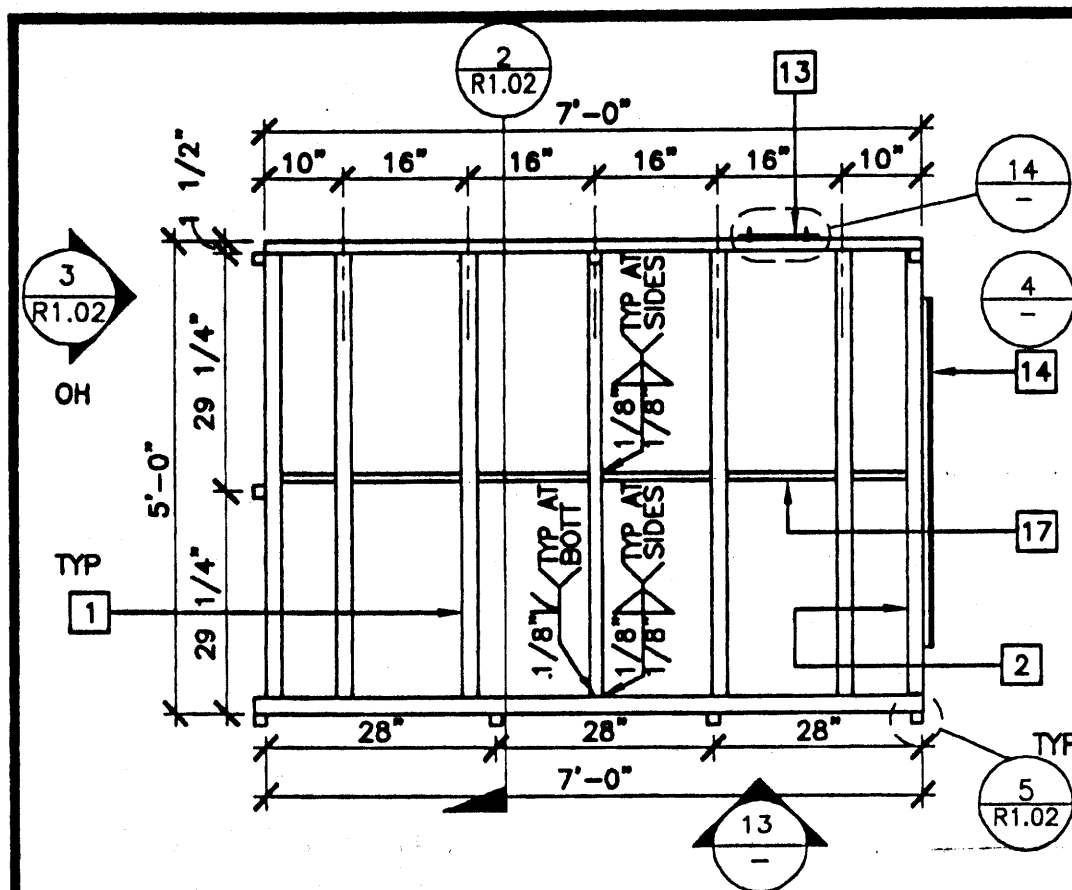
PROJECT NUMBER: 4134

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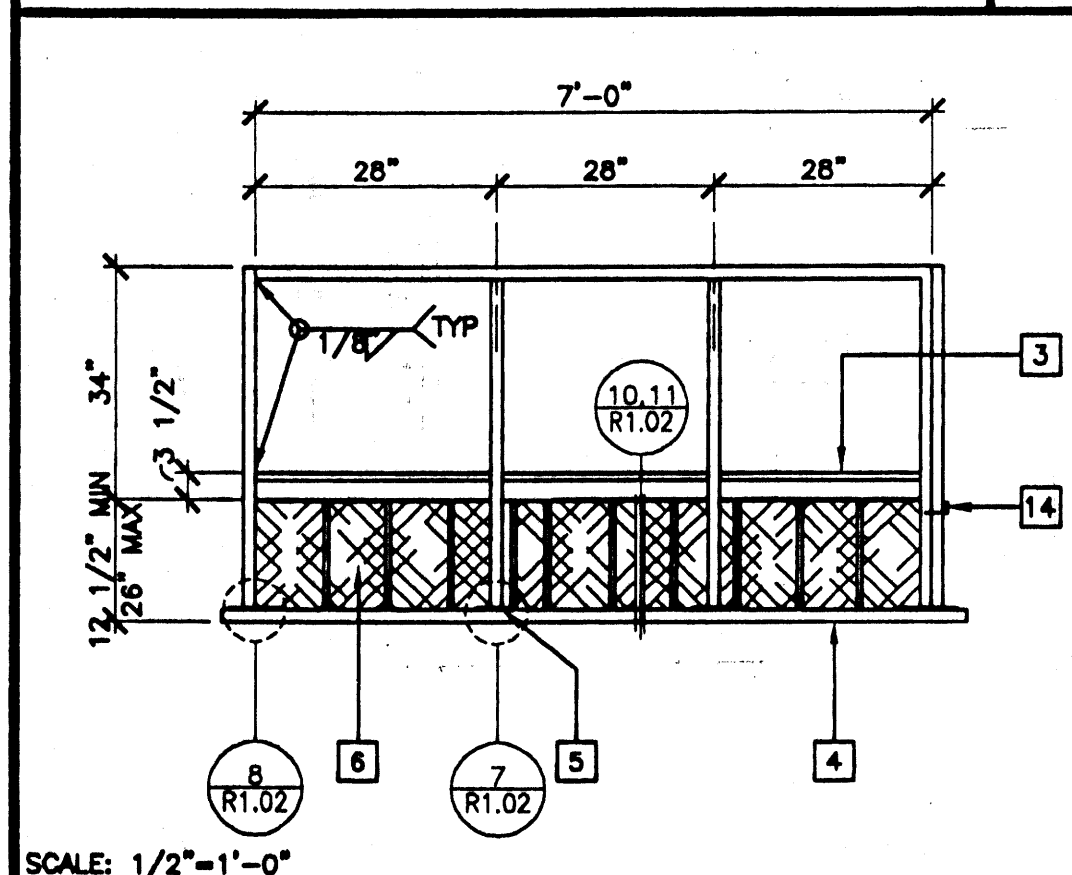
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.

CONCRETE RAMP / LANDING

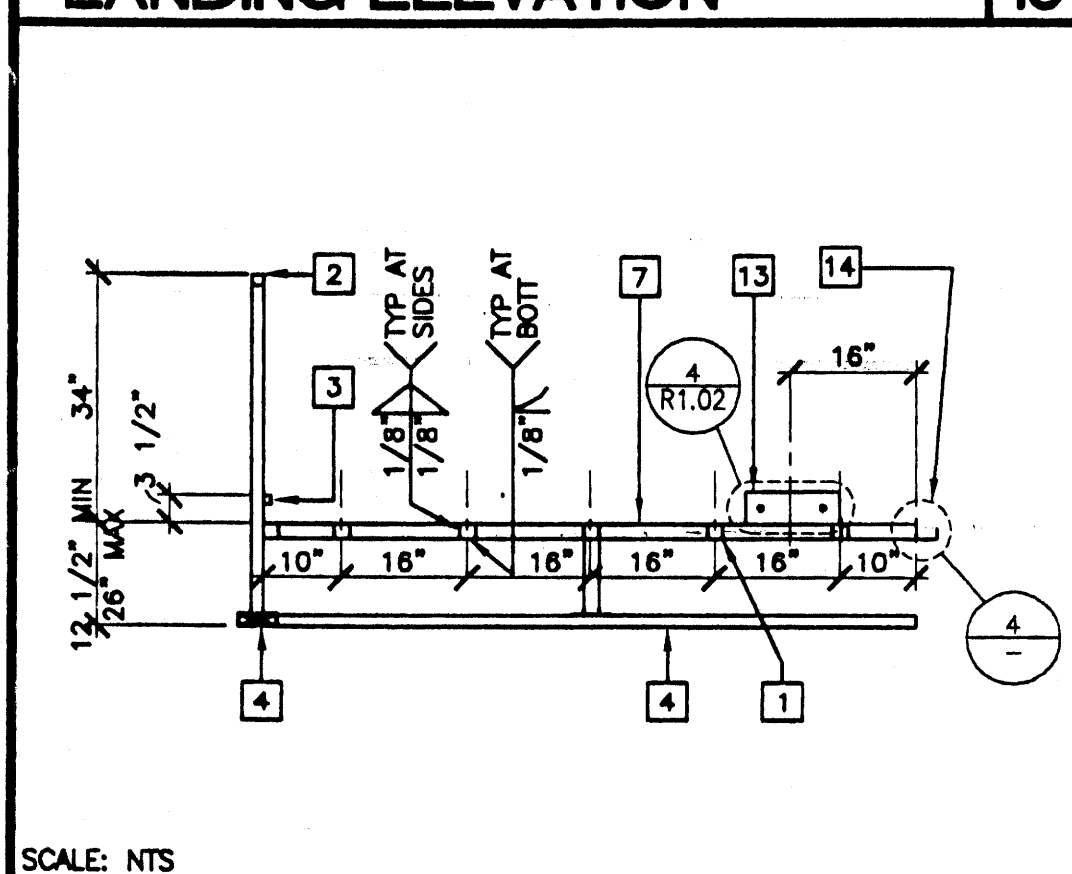
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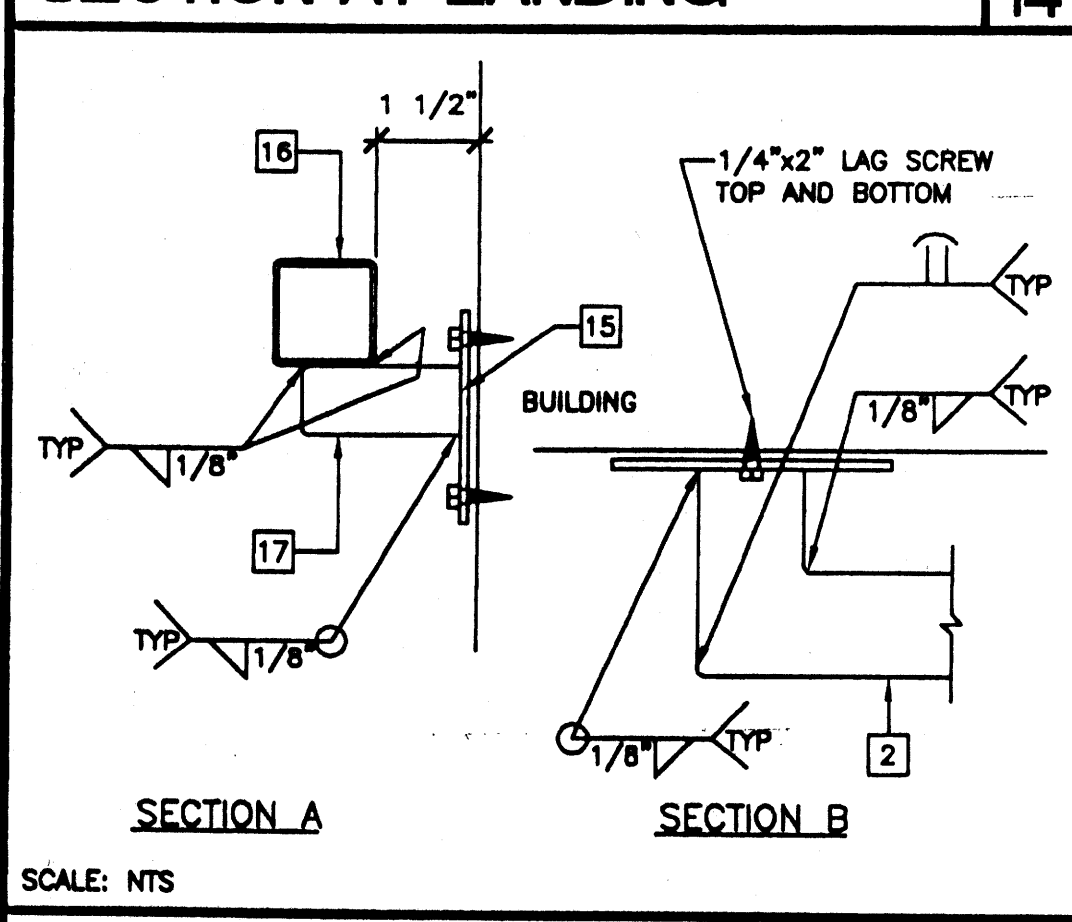
LANDING FRAME 12



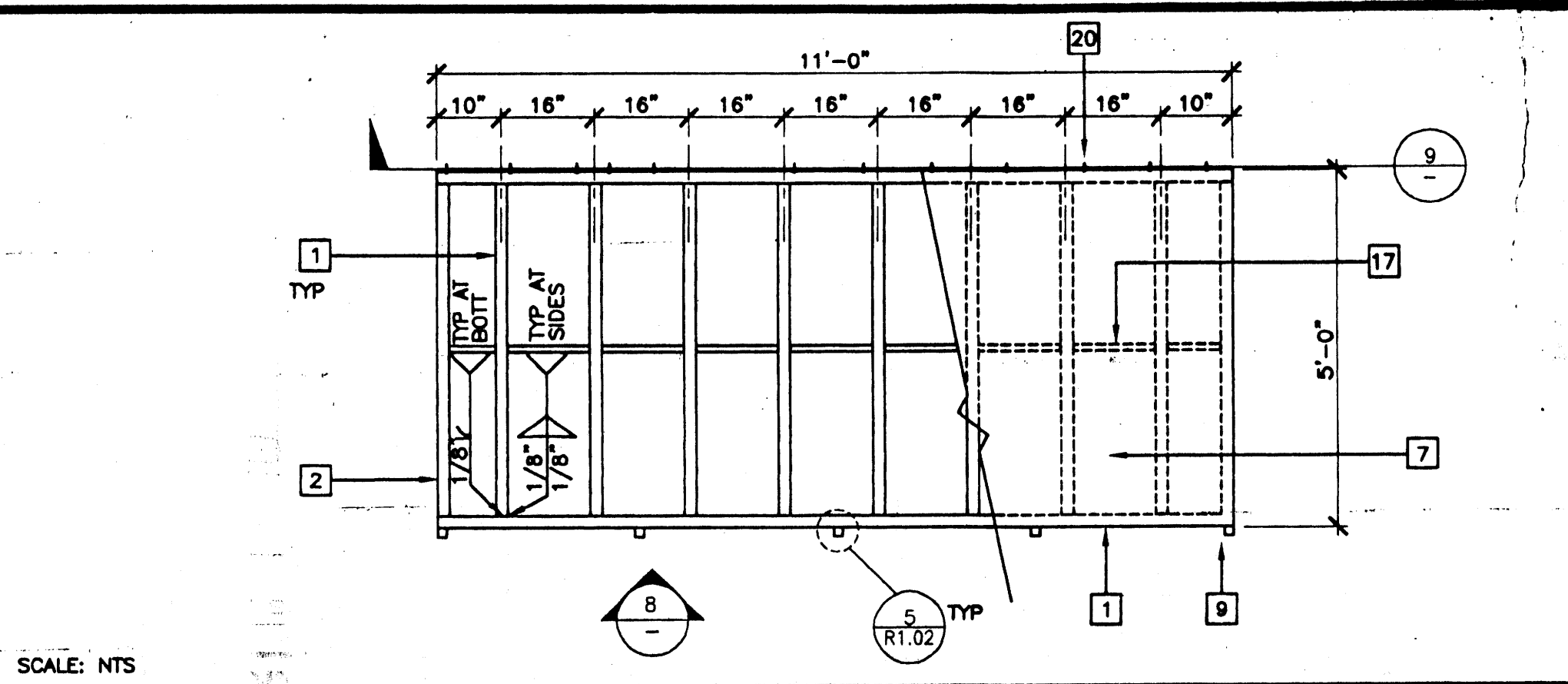
LANDING ELEVATION 13



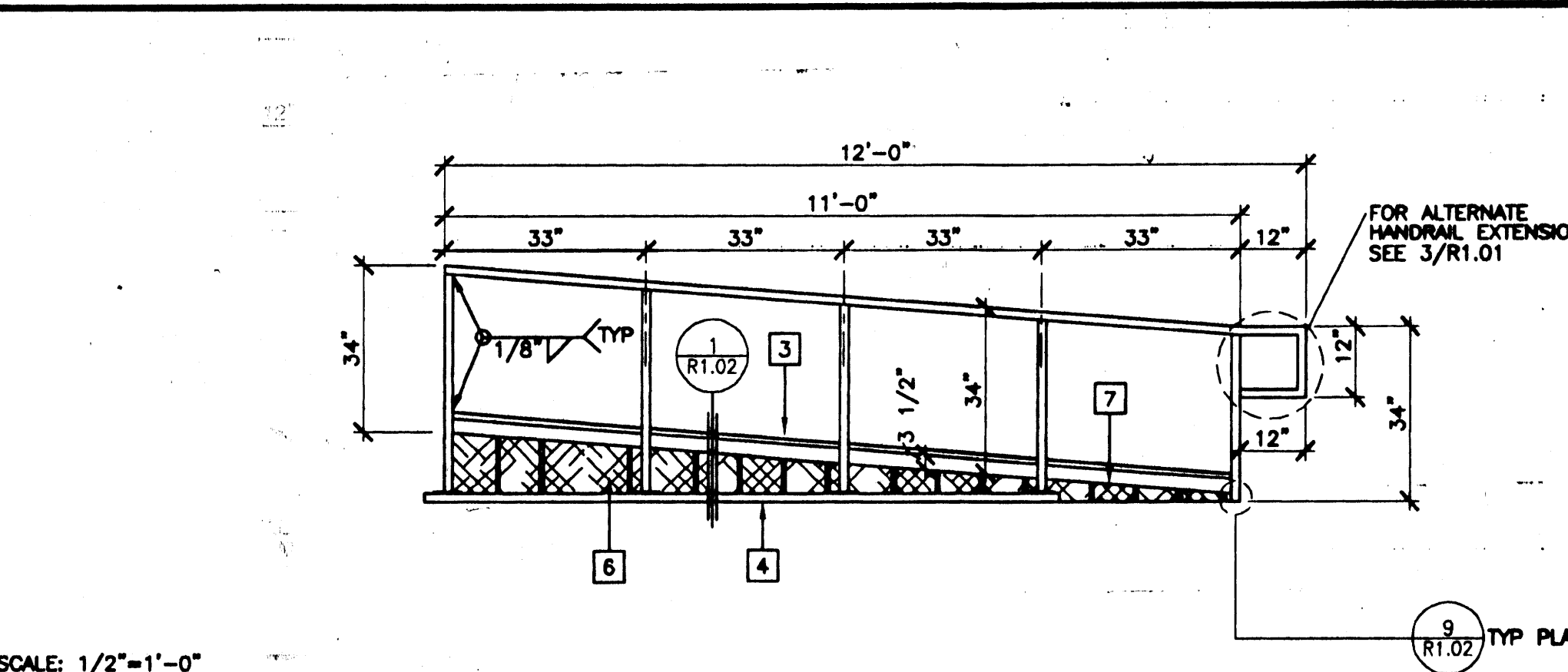
SECTION AT LANDING 14



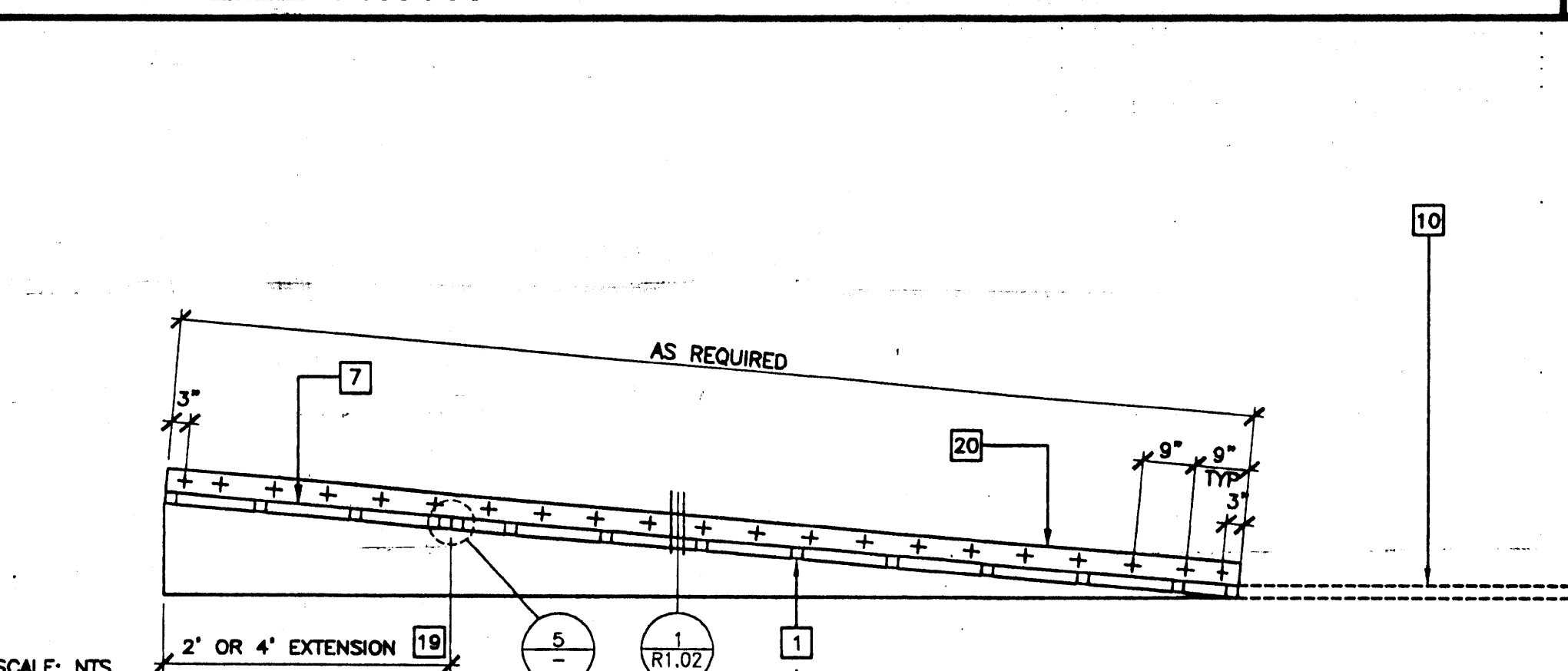
HANDRAIL CONNECTION 15



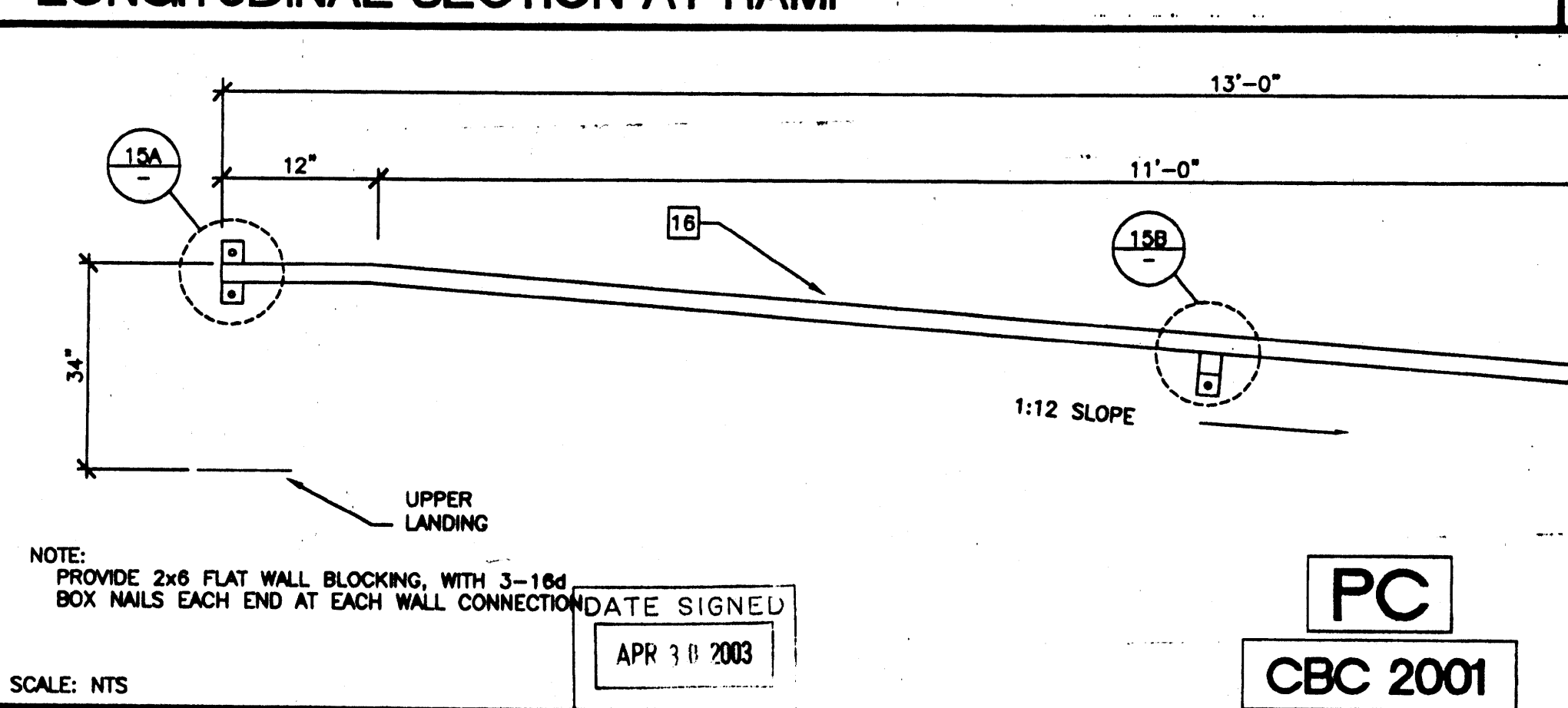
RAMP FRAME 7



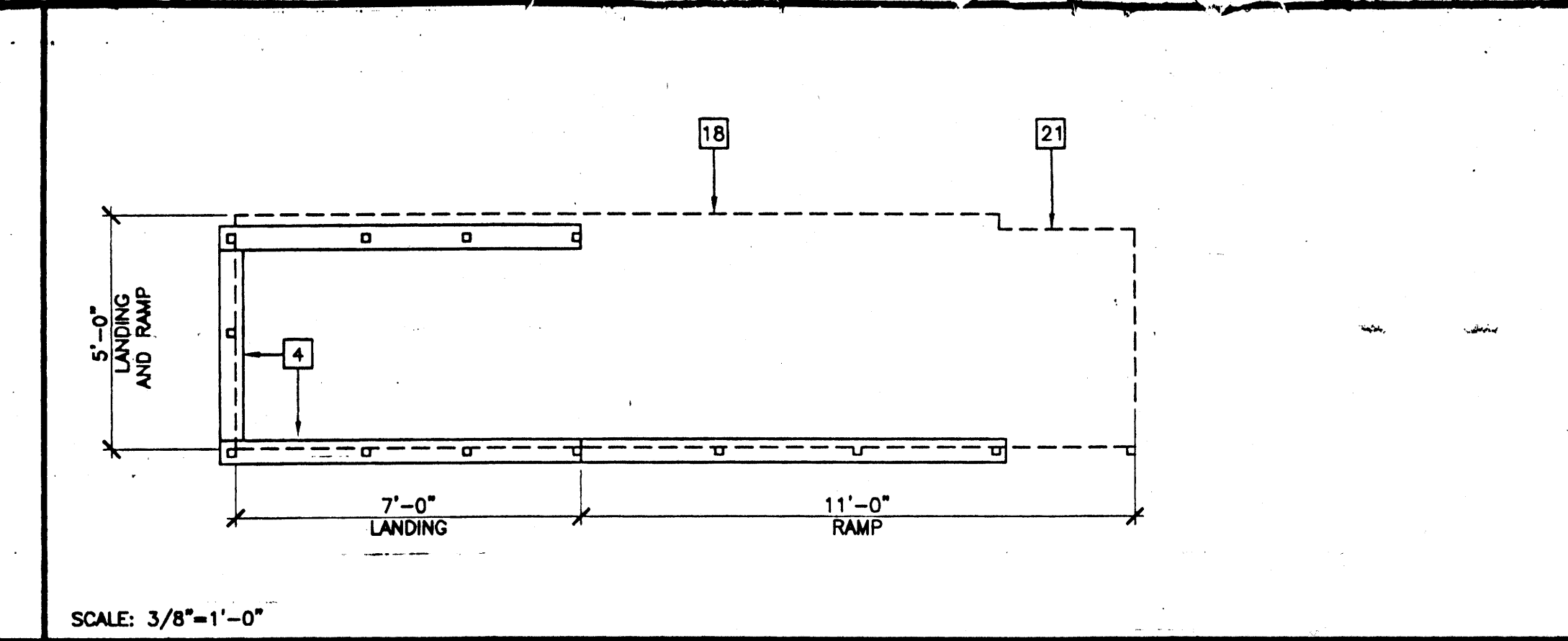
RAMP ELEVATION 8



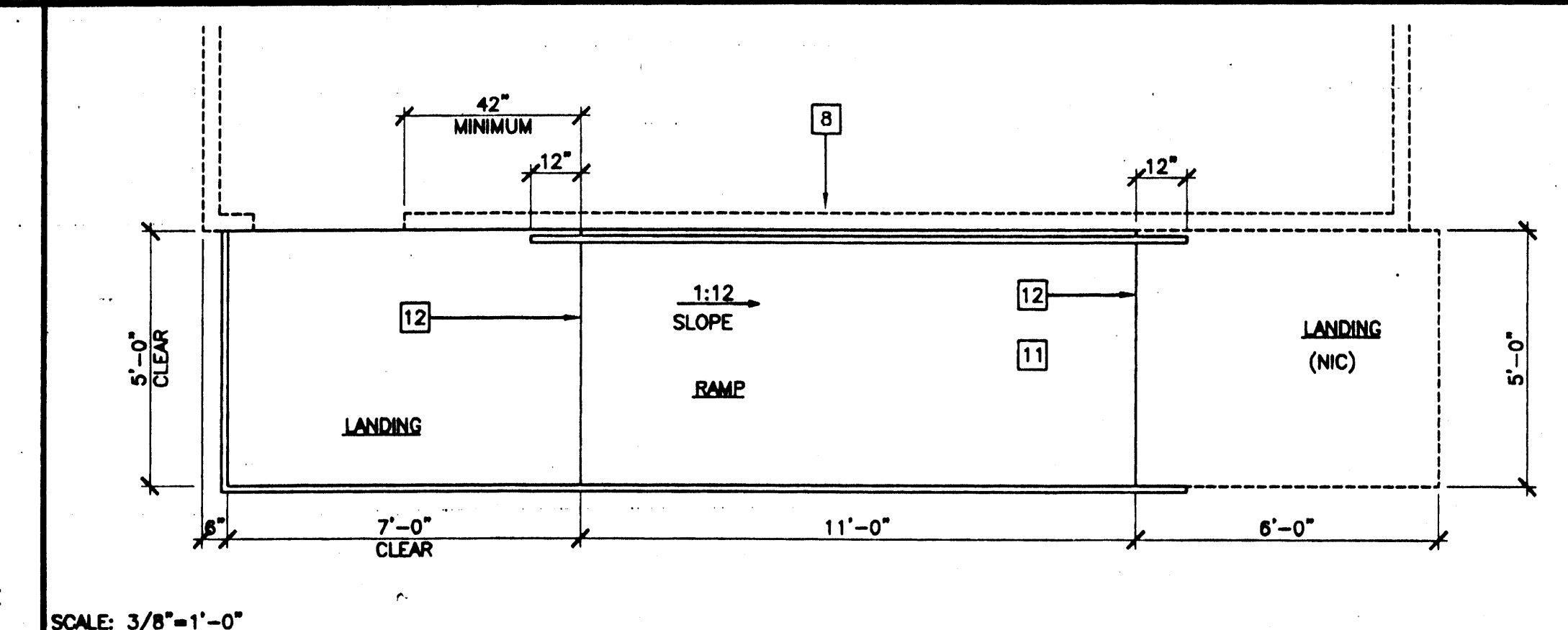
LONGITUDINAL SECTION AT RAMP 9



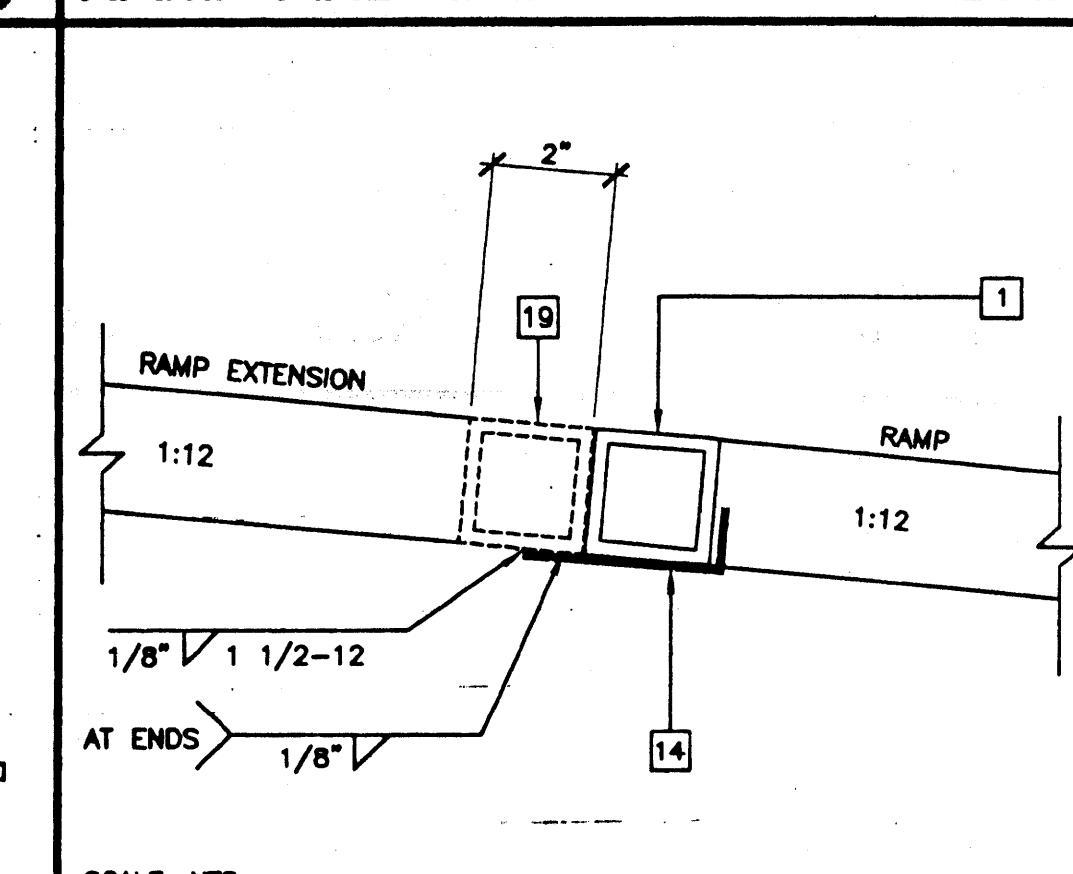
HANDRAIL ATTACHED TO BUILDING (OPTIONAL) 6



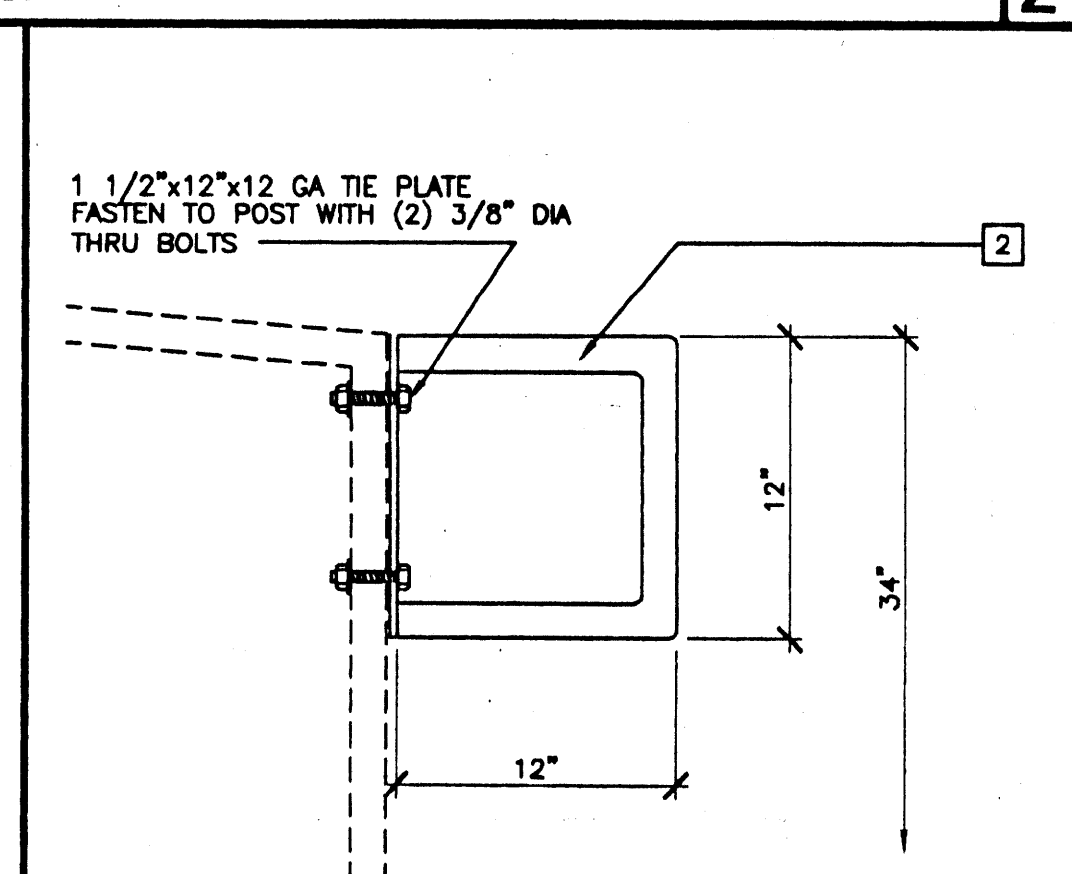
SILL PLAN FOR RAMP AND LANDING 1



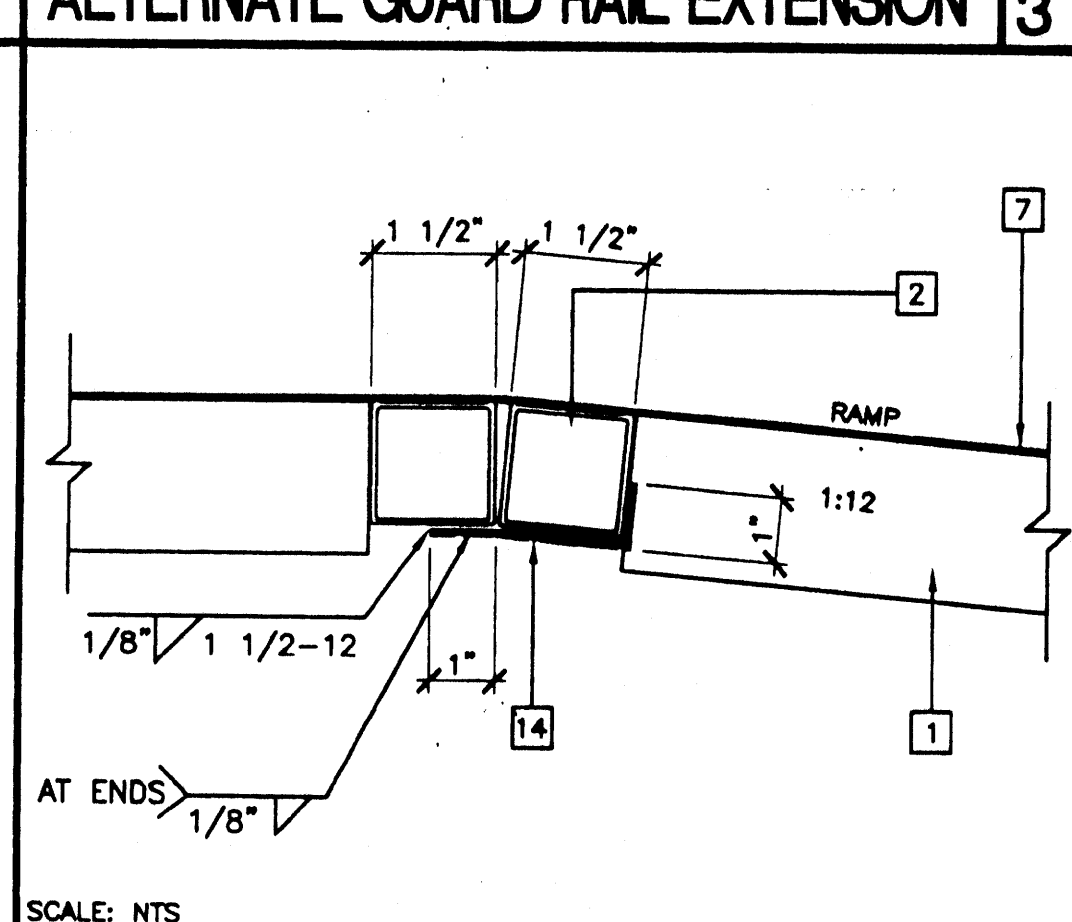
RAMP AND LANDING AT BUILDING 2



RAMP EXTENSION TO RAMP 5



ALTERNATE GUARD RAIL EXTENSION 3



RAMP AT LANDING 4

KEY NOTES

- 1 TS 2"x2"x1/8" GA
- 2 TS 1 1/2"x1 1/2"x1/4" GA (Fy = 39 KSI) ROUNDED OR BEVELED AT CORNERS
- 3 TS 1"x1"x1/8" 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 0.6. 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"x1/4" GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED. ROUNDED OR BEVELED AT CORNERS
- 17 TS 1"x1"x1/8" GA RAIL SUPPORT
- 18 LINE OF RAMP/LANDING ABOVE
- 19 RAMP EXTENSION FRAME
- 20 6"x10" GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
- 21 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
- 24 NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 28". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 28'-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

REVISIONS

1		
2		
3		
4		
5		

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

DATE SIGNED APR 10 2003

PC CBC 2001

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES

PC-04 104801

DATE 5/11/05

MODTECHTM INC.

2830 BARRETT AVENUE PERRIS, CALIF. 92571

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

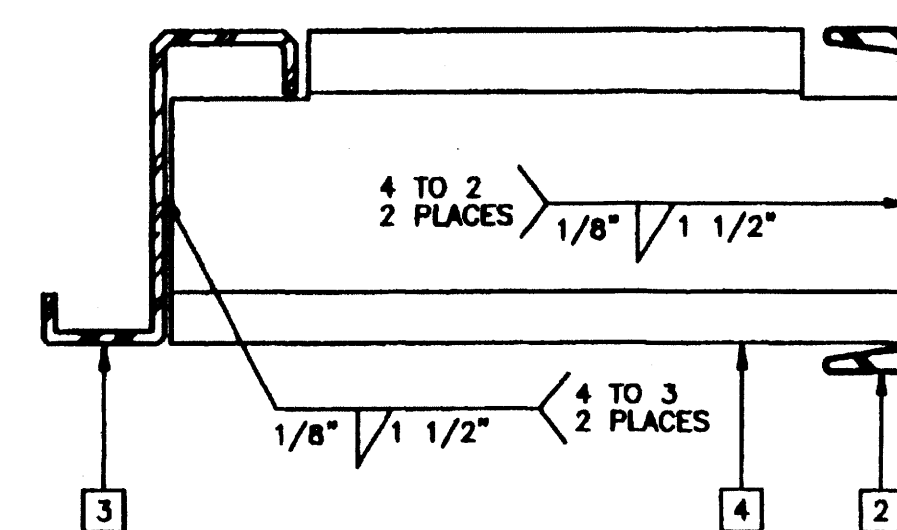
PROJECT NUMBER: © MODTECH, INC. 2002

CLASS LEASING INC STOCKPILE # 62 100- 24 x 40 CLASSROOM BUILDINGS A# 04-104169 05-15-2003 5'RAMPS

DRAWN BY: STRP-62 DATE: CHECKED BY: DATE: MODTECH Inc. No.

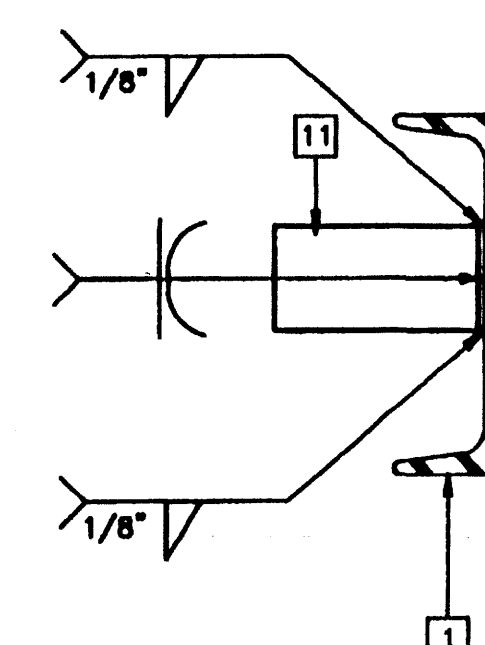
5 FOOT RAMP/LANDING R5.01

FILE PATH: 2440-R5.01.DWG PROJECT NO. PC-04-104801



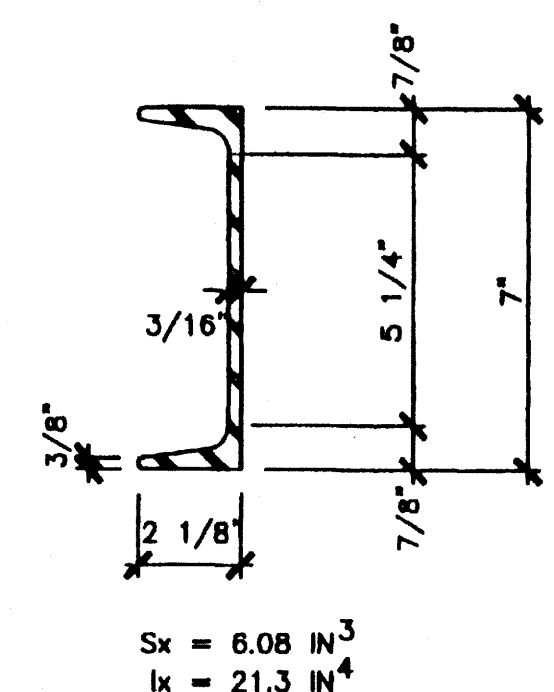
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FLOOR HEADER BLOCKING



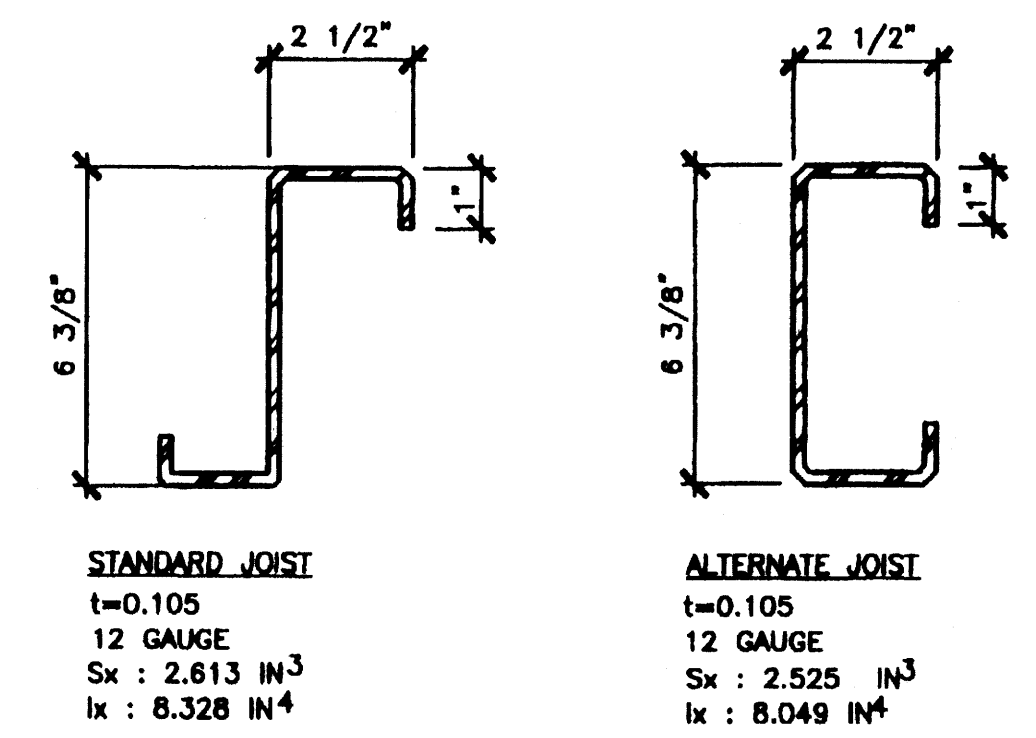
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SHIPPING HOLD DOWN



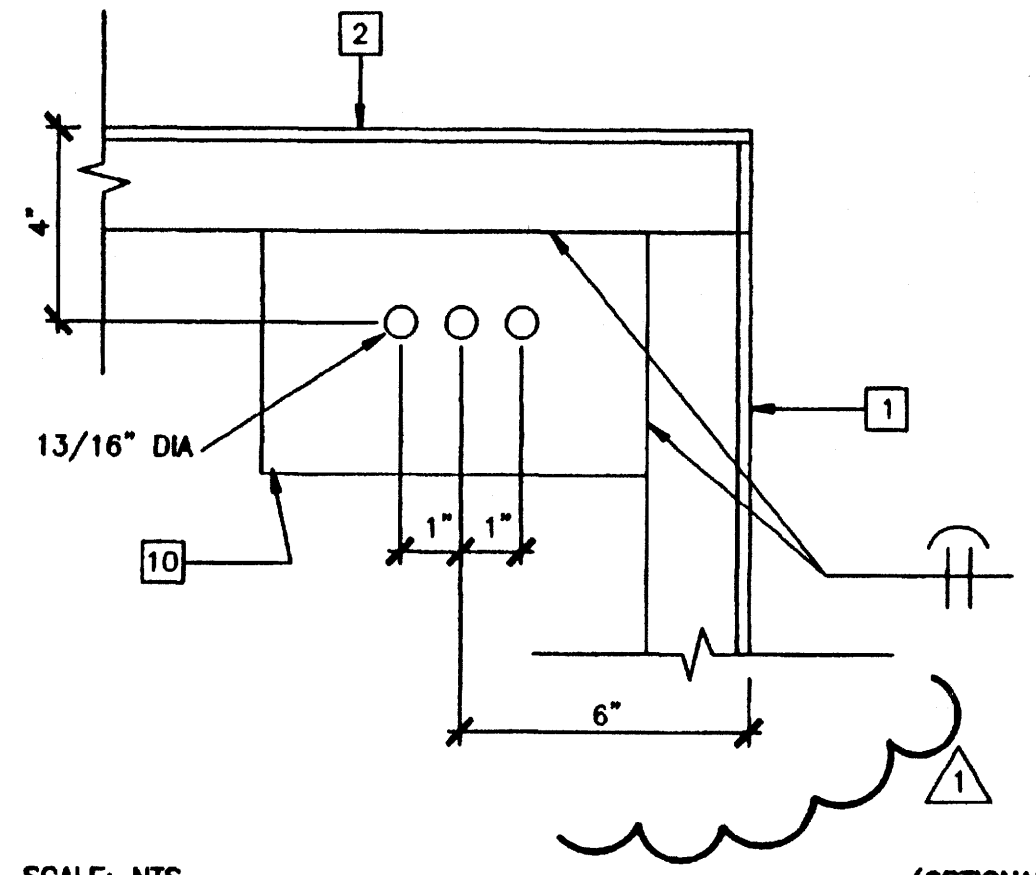
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FLOOR BEAM/HEADER



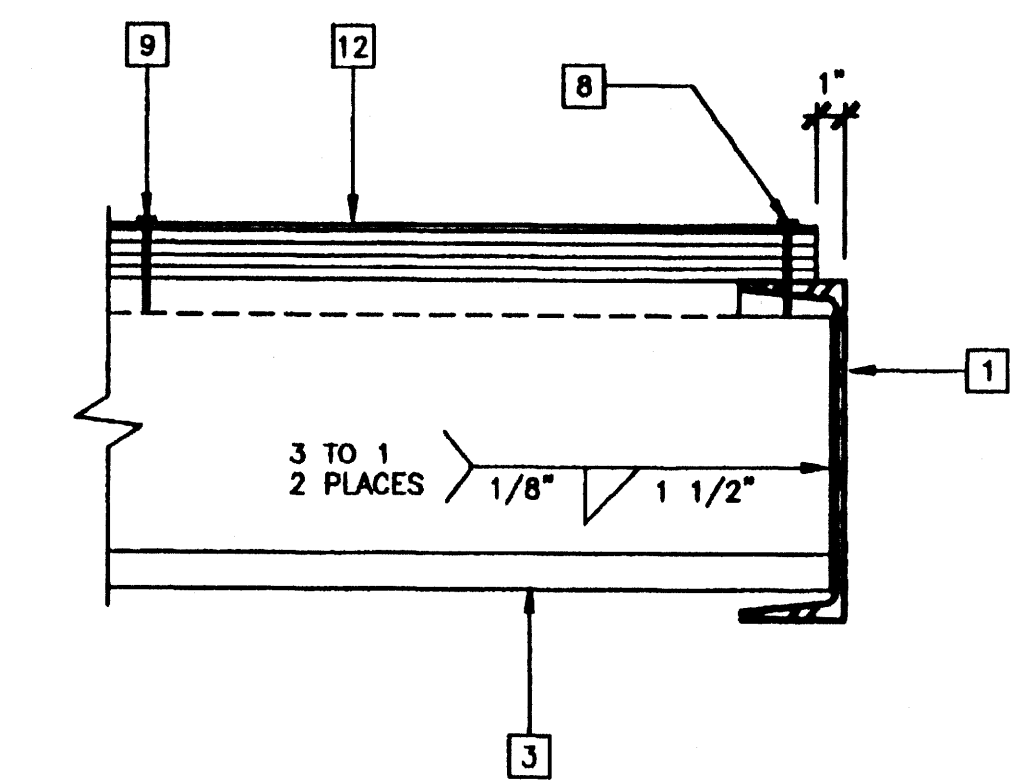
SCALE: NTS

FLOOR JOIST



SCALE: NTS

ANCHOR PLATE (CONCRETE FOUNDATION)



SCALE: NTS

FLOOR JOIST TO FLOOR BEAM

- KEY NOTES**
- [FLOOR BEAM, COPE TO MATE WITH HEADER - 1/S1.01
 - [FLOOR HEADER - 1/S1.01
 - [FLOOR JOIST - 2/S1.01
 - [BLOCKING AT MIDSPAN OF FLOOR HEADER - 5/S1.01
 - 11/16" HOLE AT MIDDEPTH FOR HANDLING
 - 11/16" MODLINE BOLT HOLE. 2/S3
 - 5" SQUARE HAND HOLES AT EACH MODLINE BOLT LOCATION
 - EDGE NAILING AT FLOOR BEAM OR HEADER - #10x1 3/4" SELF TAPPING FLAT HEAD SCREWS AT 6"OC
 - EDGE NAILING OR FIELD NAILING - AEROSMITH AKN 144 DRIVE PINS AT 6"OC, FIELD NAILING TO BE 10" OC FOR PURLIN SPACING OF 32" OR LESS
 - 5"x8"x1/4" STEEL ANCHOR PLATE, FOR OPTIONAL CONCRETE FOUNDATION ONLY.
 - SHIPPING HOLD DOWN - 3 1/2"x3 1/2"x1/4" TUBE STEEL CUT TO 1 3/4" HEIGHT
 - PLYWOOD FLOOR SHEATHING: APA PS 1-83, 1 1/8" THICK STURD-I-FLOOR WITH 48" OC SPAN RATING - LAYOUT PATTERN SHOWN IS TYPICAL. ~~AS AN ALTERNATE USE WEYERHAEUSER 1 1/8" THICK OSB STURD-FLOOR PL-115~~

FLOOR JOIST TABLE

STANDARD CLASSROOM

LIVE LOAD PSF	JOIST SPACING STANDARD	OPTIONAL UP GRADE TO STIFFEN FLOOR		
50	48"	52"	54"	56"
50+20	32"	52"	54"	56"
125	16"	52"	54"	56"

ADMINISTRATION

STKP-62

PROJECT NUMBER: 4134

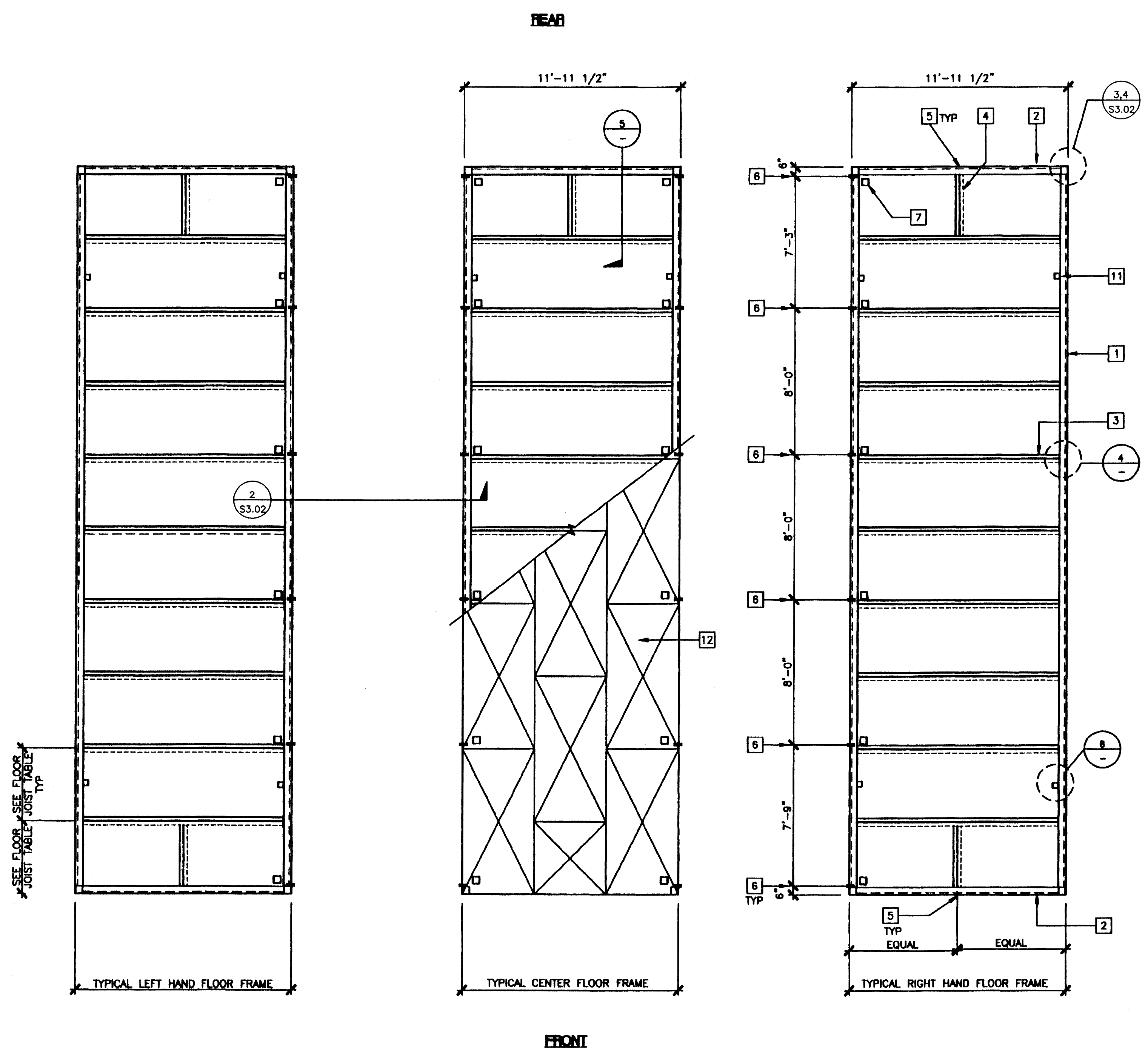
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DRAWN BY: M. ANDERSEN
DATE: APR 15 2002

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

MODTECH Index No.

S1.01



FLOOR FRAMING PLAN

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

PC
CBC 1998

REVISIONS

NO.	DESCRIPTION	DATE
1	MODTECH ENGINEERING CHANGE	9/21/00
2	MODTECH ENGINEERING CHANGE	09/28/00
3	REVISED FLOOR JOIST TABLE	12/12/00

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

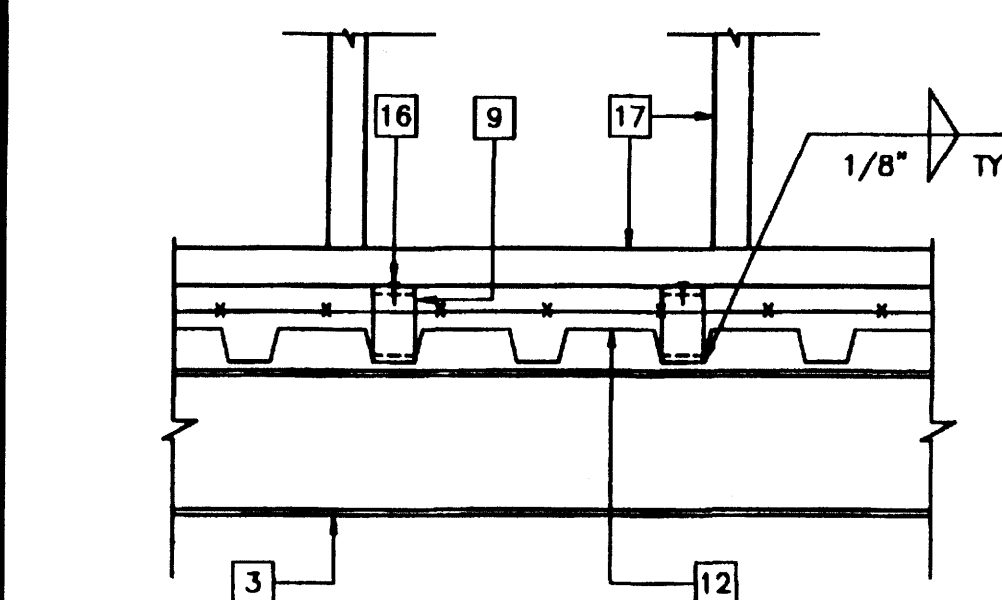
Architect's Seal

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE: 04-15-02
REVISED 02-2002

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

FLOOR FRAMING PLAN

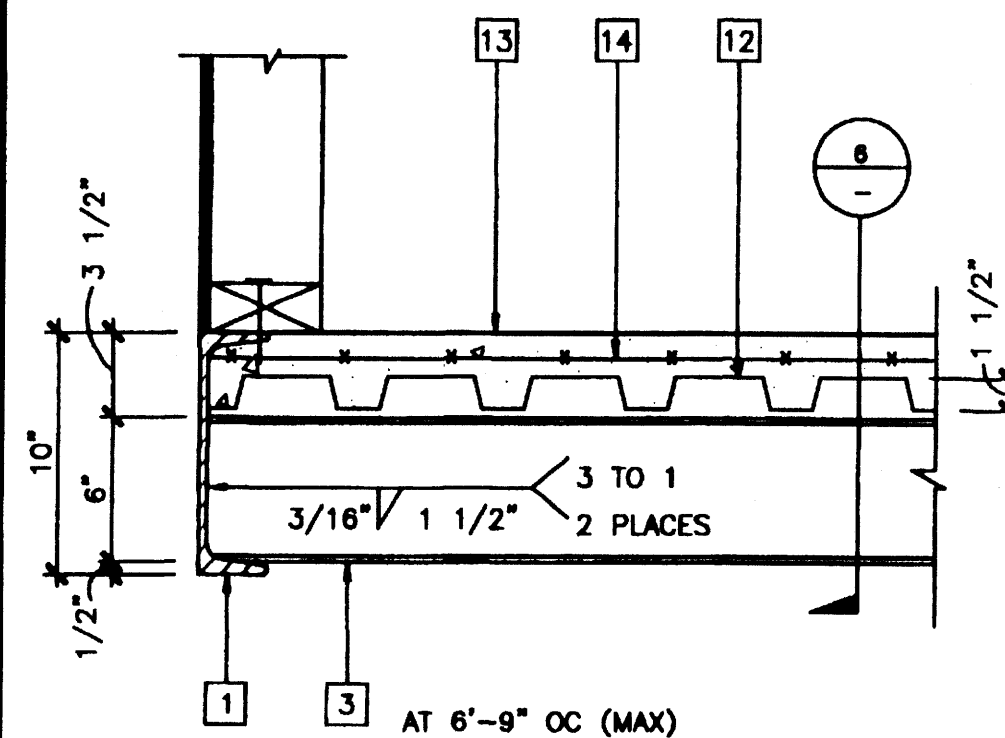
WOOD FLOOR



NOTE:
THIS DETAIL PROVIDES TEMPORARY SUPPORT FOR WALLS WHEN CONCRETE IS POURED IN FIELD. SEE DRAWING A1.0 FOR WALL LOCATIONS.

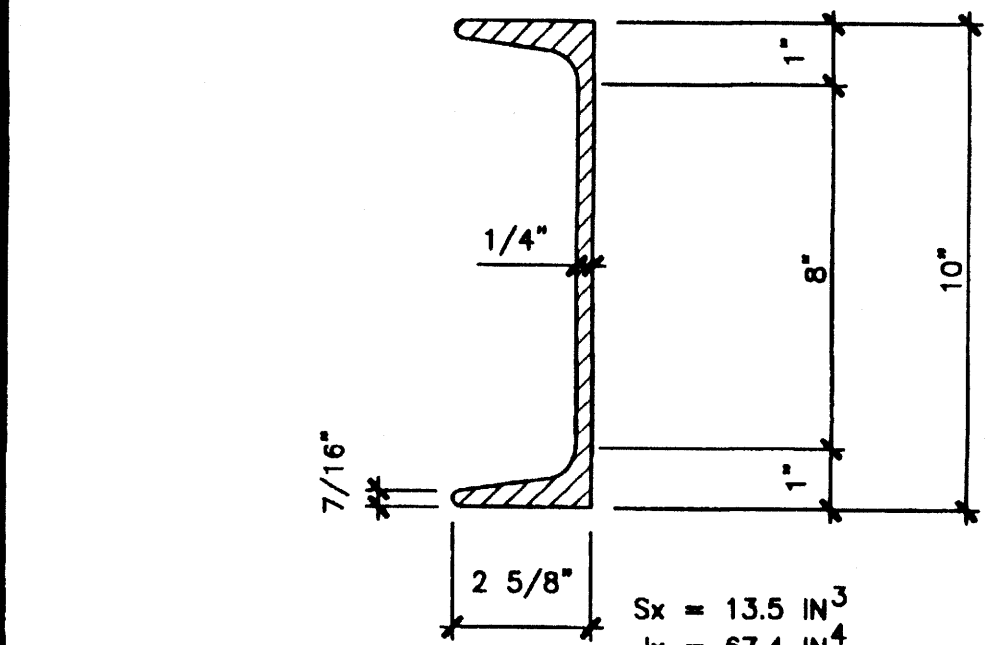
SCALE: 1 1/2"=1'-0" (OPTIONAL)

TEMPORARY WALL SUPPORT 9



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

FLOOR JOIST TO FLOOR BEAM 5

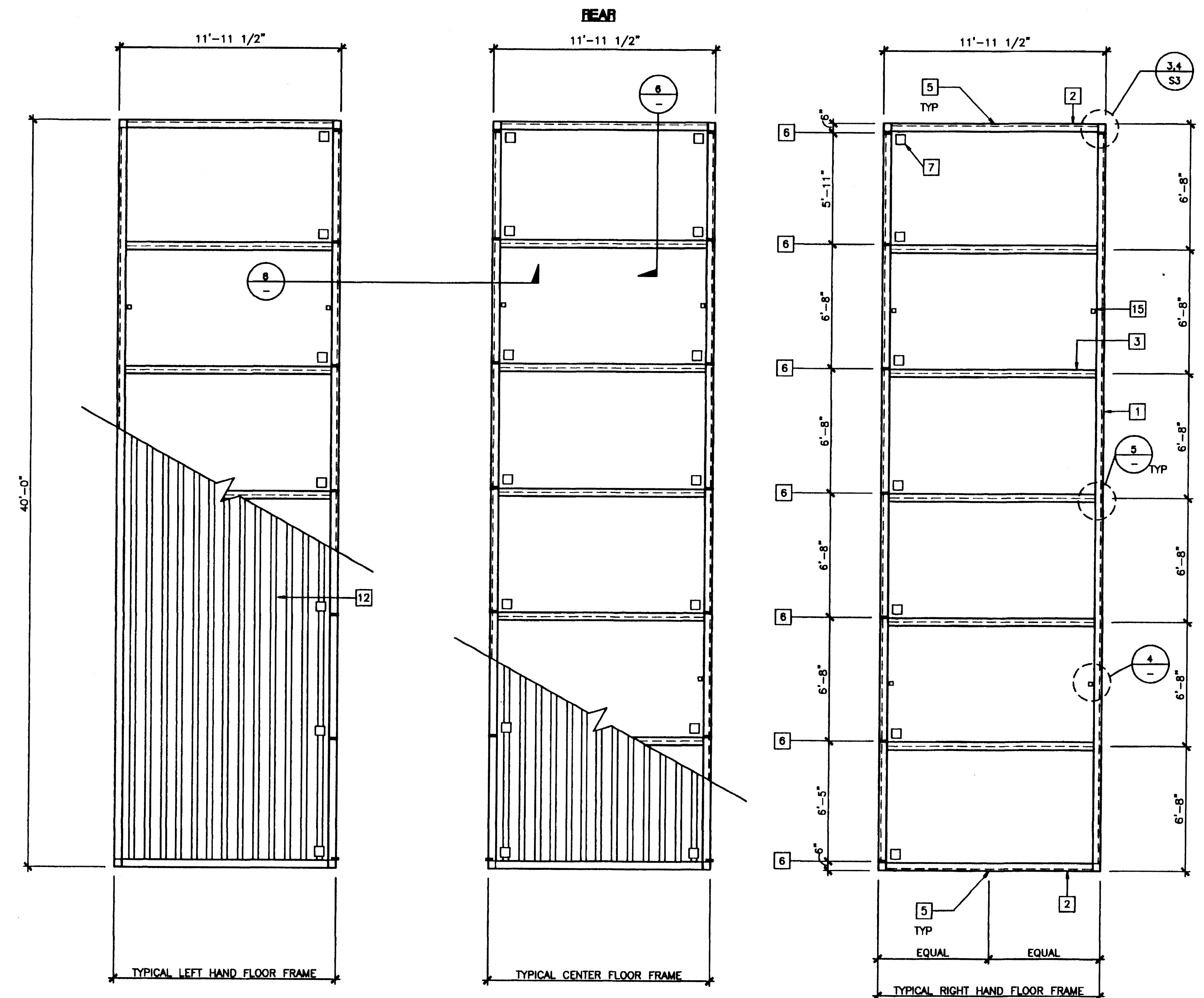


C 10x15.3 - ASTM A-36

SCALE: 3"=1'-0"

FLOOR BEAM/HEADER 1

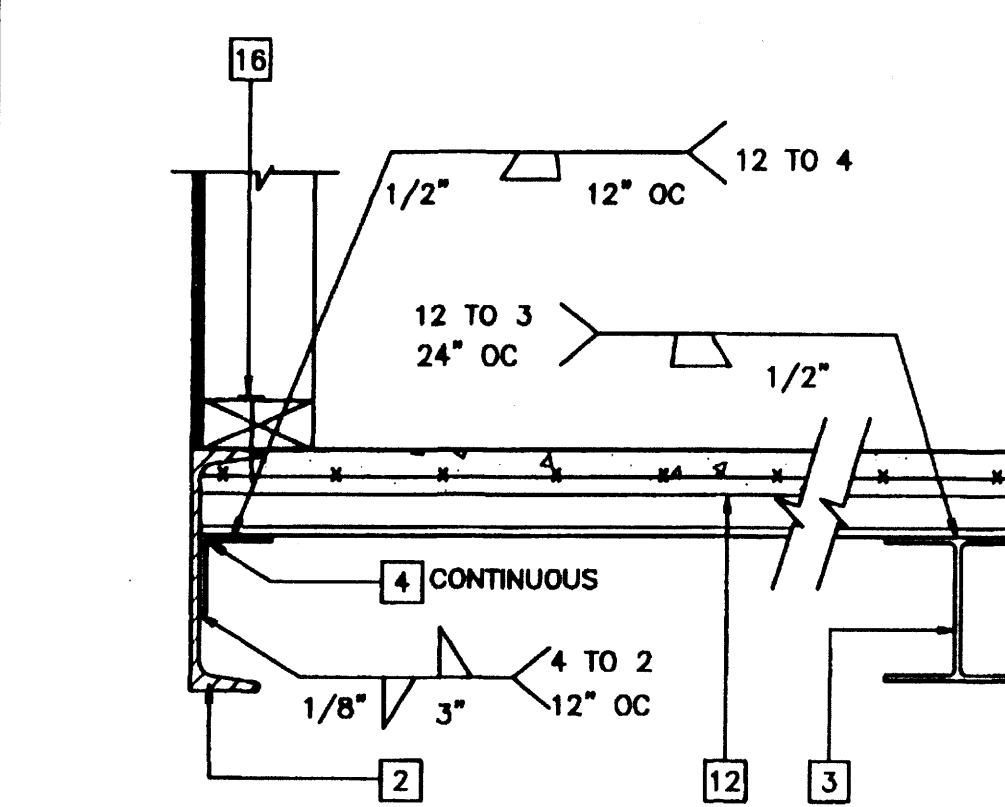
- ### KEY NOTES
- [FLOOR BEAM, COPE TO MATE WITH HEADER - 1/S1.11
 - [FLOOR HEADER, 1/S1.11
 - [FLOOR JOIST, 2/S1.11
 - L3"x3"x12 GA
 - 11/16" DIA HOLE AT MIDDEPTH FOR HANDLING
 - 11/16" DIA MODLINE BOLT HOLE. 2/S3
 - 6" SQUARE HAND HOLES AT EACH MODLINE BOLT LOCATION
 - 6"x6" BLOCKOUT AT BOLT LOCATION
 - TS 3 1/2"x3 1/2"x1/4"x1 3/4" LONG AT 12" OC
 - 5"x8"x1/4" STEEL ANCHOR PLATE. FOR OPTIONAL CONCRETE FOUNDATION ONLY.
 - 5/8" DIA MB AT 8'-0" OC
 - 20 GAUGE 1 1/2" VENTED B DECK - LAYOUT PATTERN SHOWN IS TYPICAL
 - 3 1/2" LIGHT WEIGHT (110 PCF) CONCRETE FILL
 - 6"x6"xW1/4"xW1/4" WELDED WIRE MESH
 - SHIPPING HOLD DOWN - 3 1/2"x3 1/2"x1/4" TUBE STEEL CUT TO 1 3/4" HEIGHT
 - 0.145 DIA SHOT PIN AT 12" OC
 - WALL FRAMING



FLOOR FRAMING PLAN

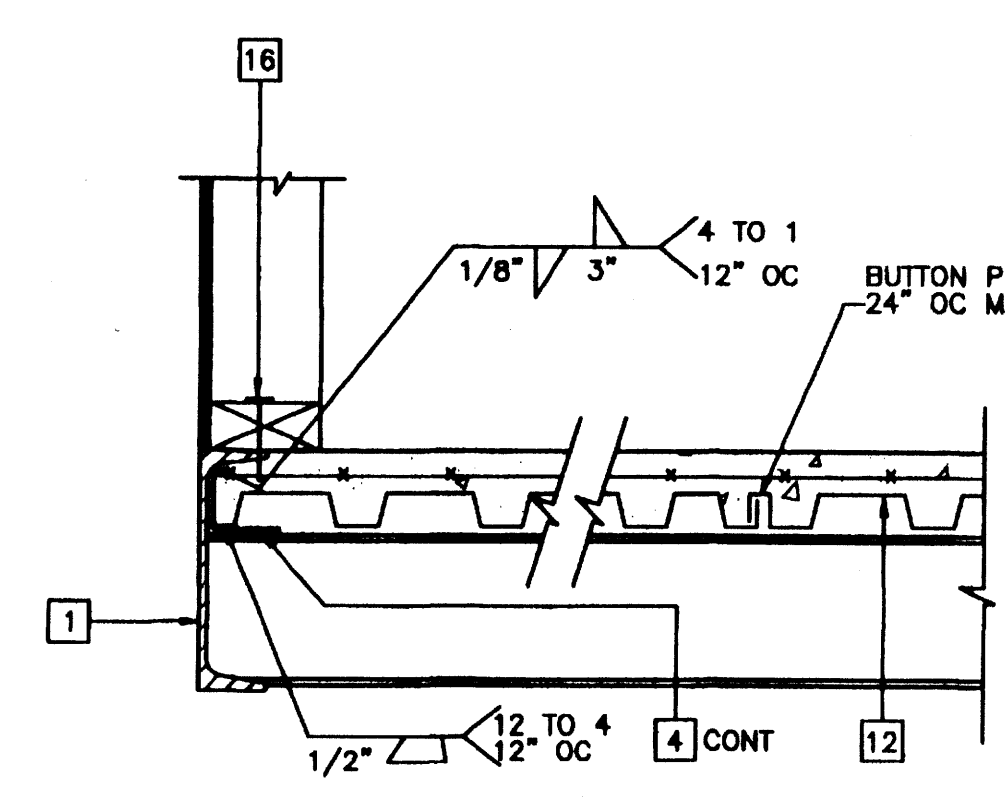
SCALE: 1/4" = 1'-0"

PC
CBC 1998



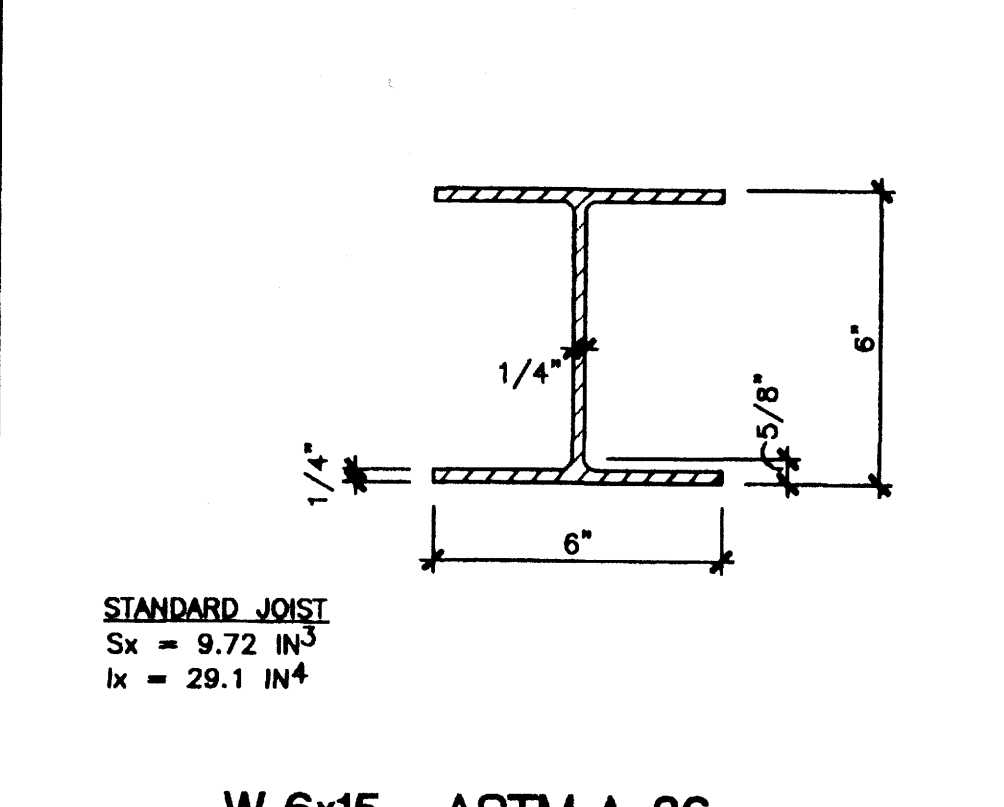
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SECTION AT FLOOR HEADER 6



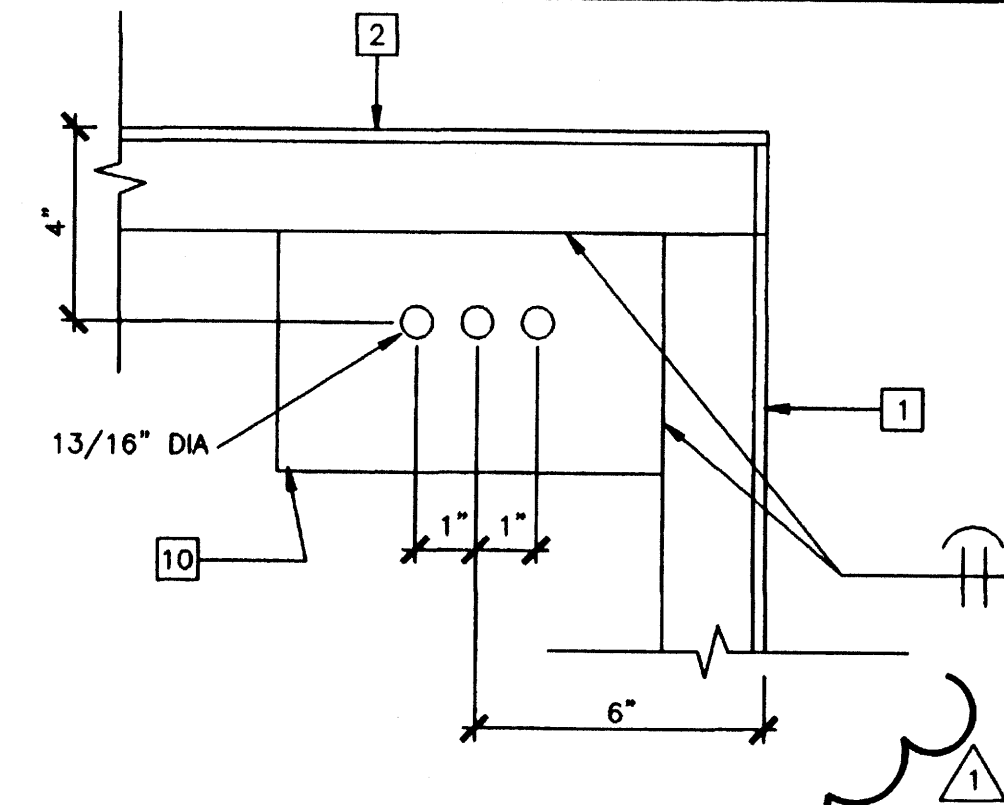
SCALE: 1 1/2"=1'-0"

SECTION AT FLOOR BEAM 7



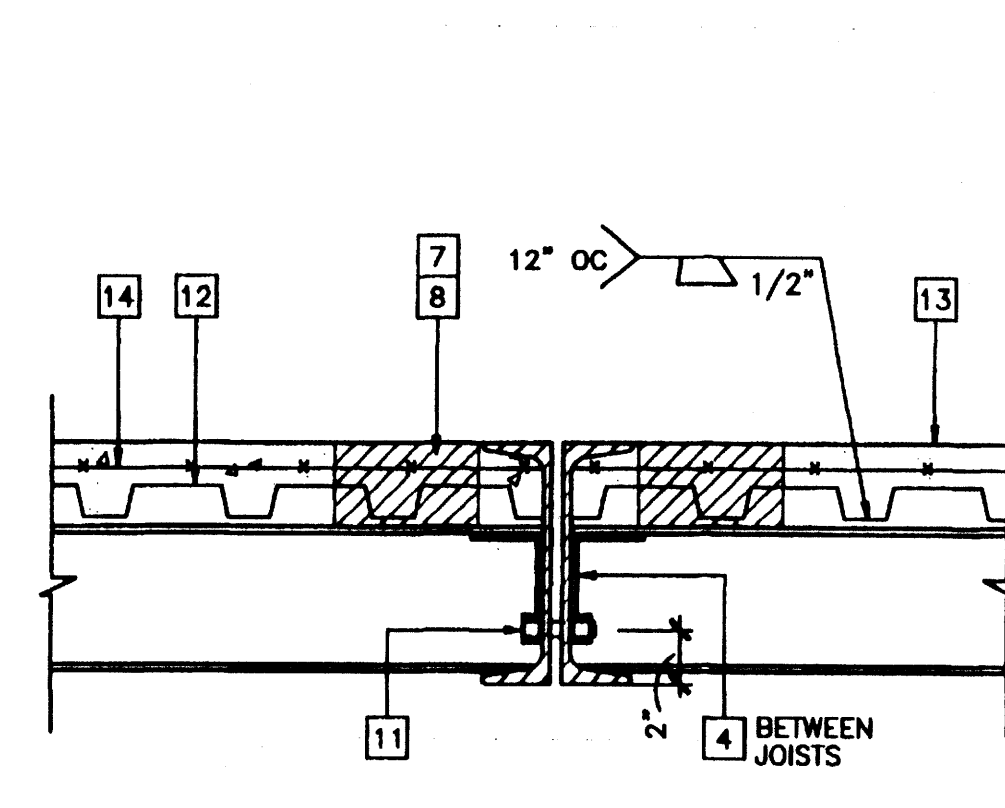
SCALE: 3"=1'-0"

FLOOR JOIST 2



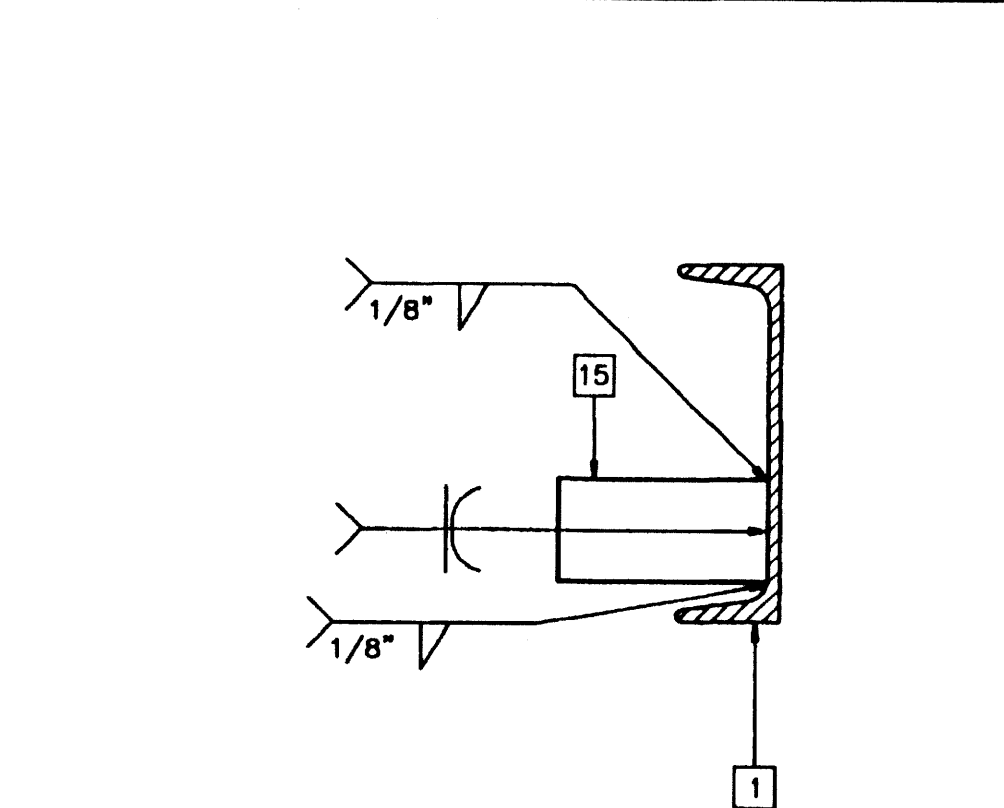
SCALE: NTS (OPTIONAL)

ANCHOR PLATE (CONCRETE FOUNDATION) 3



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

MODLINE CONNECTION AT FLOOR 8



SCALE: NTS

SHIPPING HOLD DOWN 4

FLOOR JOIST TABLE

STANDARD CLASSROOM	
LIVE LOAD PSE	JOIST SPACING STANDARD
50	6'-8"
50+20	6'-8"
ADMINISTRATION	

REVISIONS		
SP	MODTECH ENGINEERING CHANGE	9/21/00
1		
2		
3		
4		
5		

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect

MODTECH INC.

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PROJECT NUMBER: 4134

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

S1.11

PC-04 101268

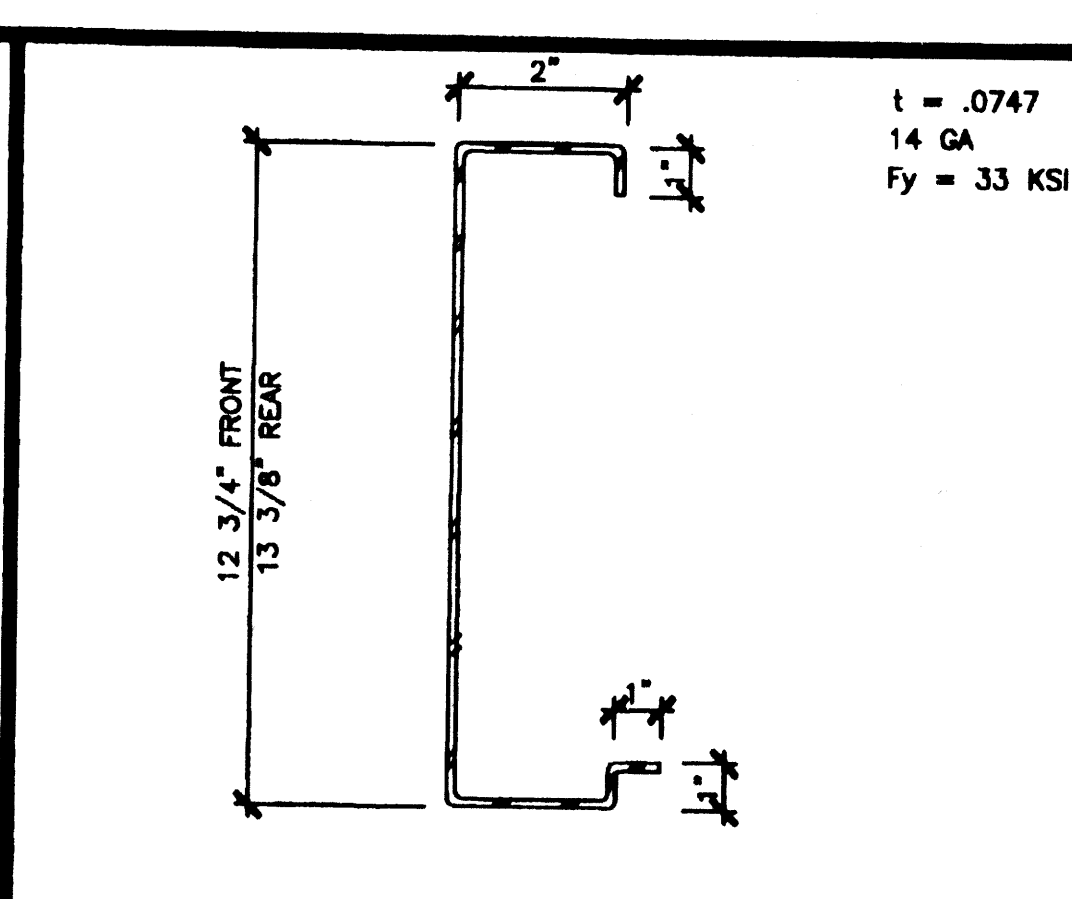
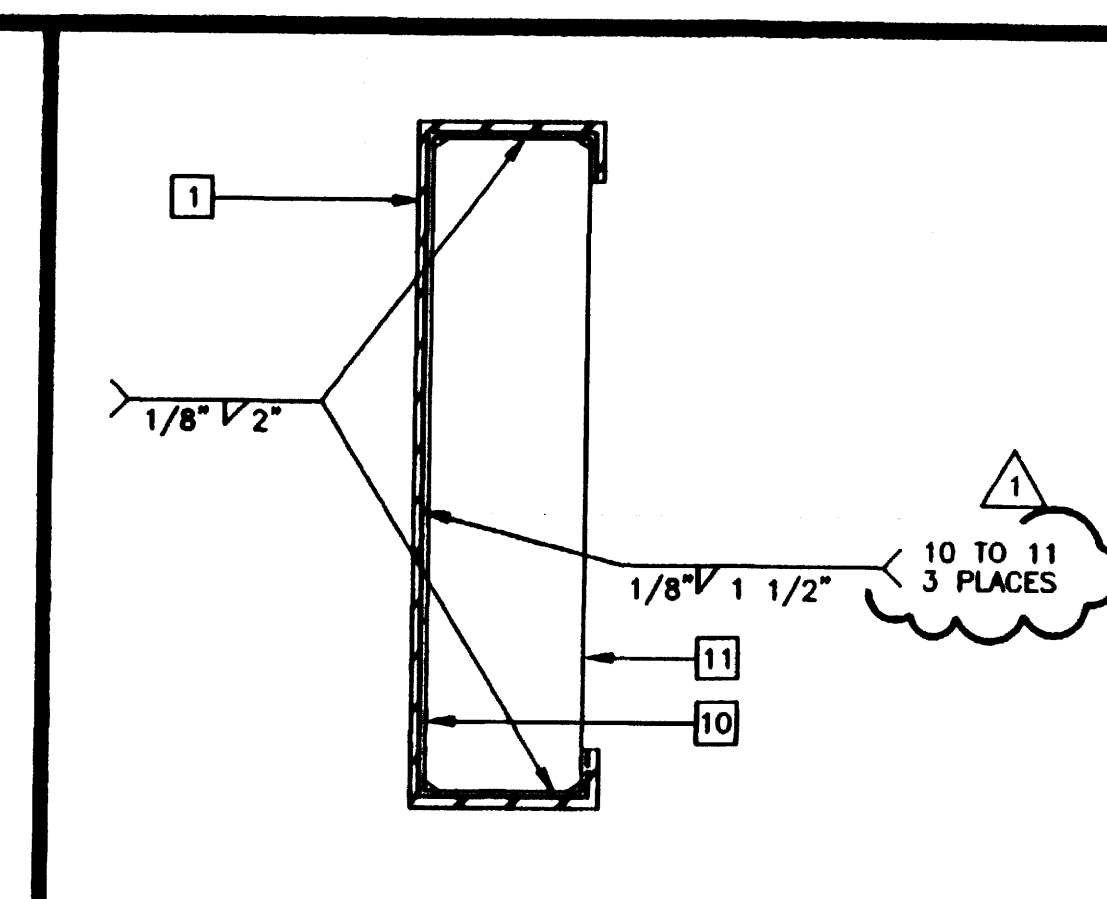
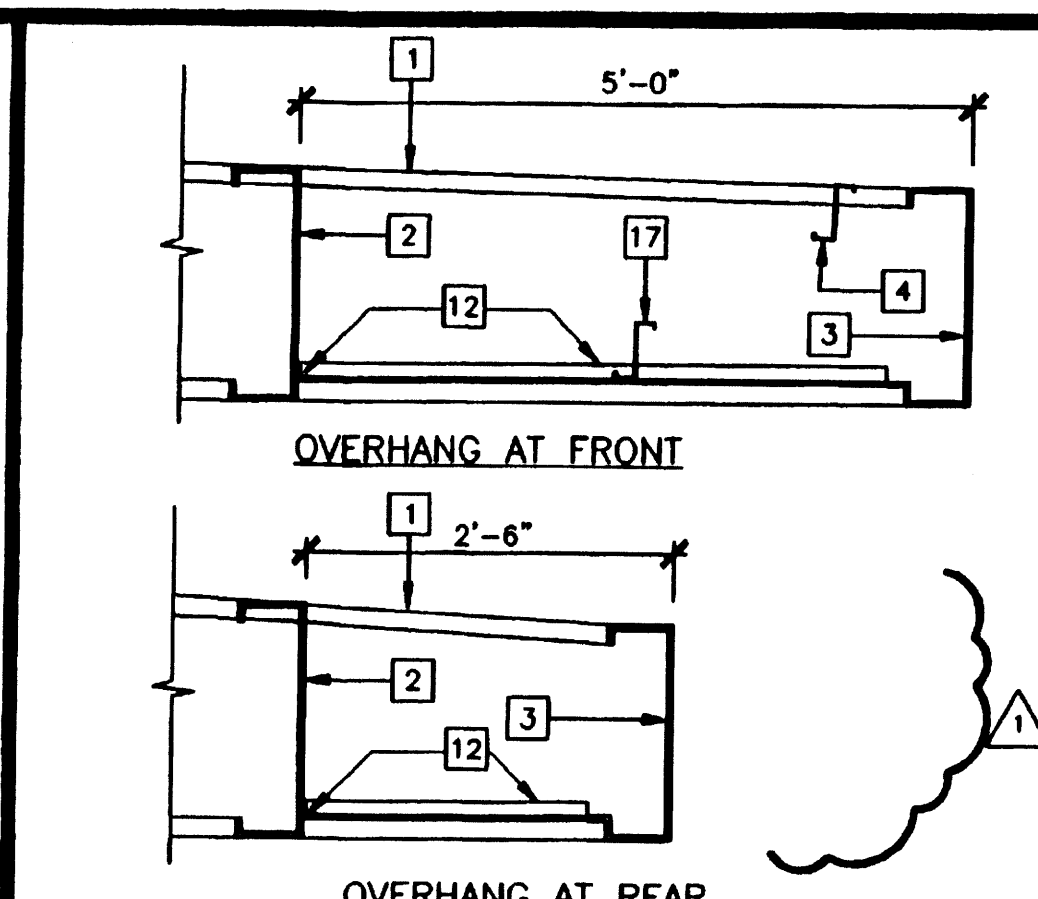
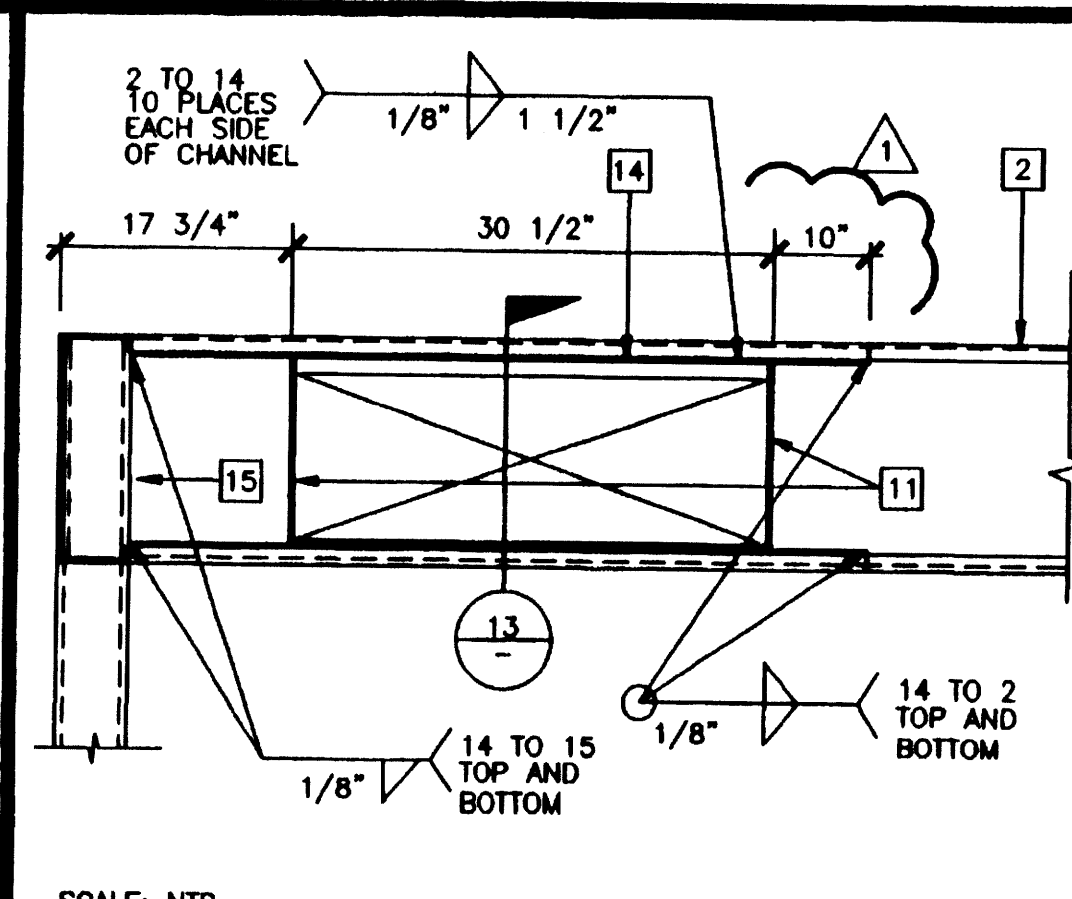
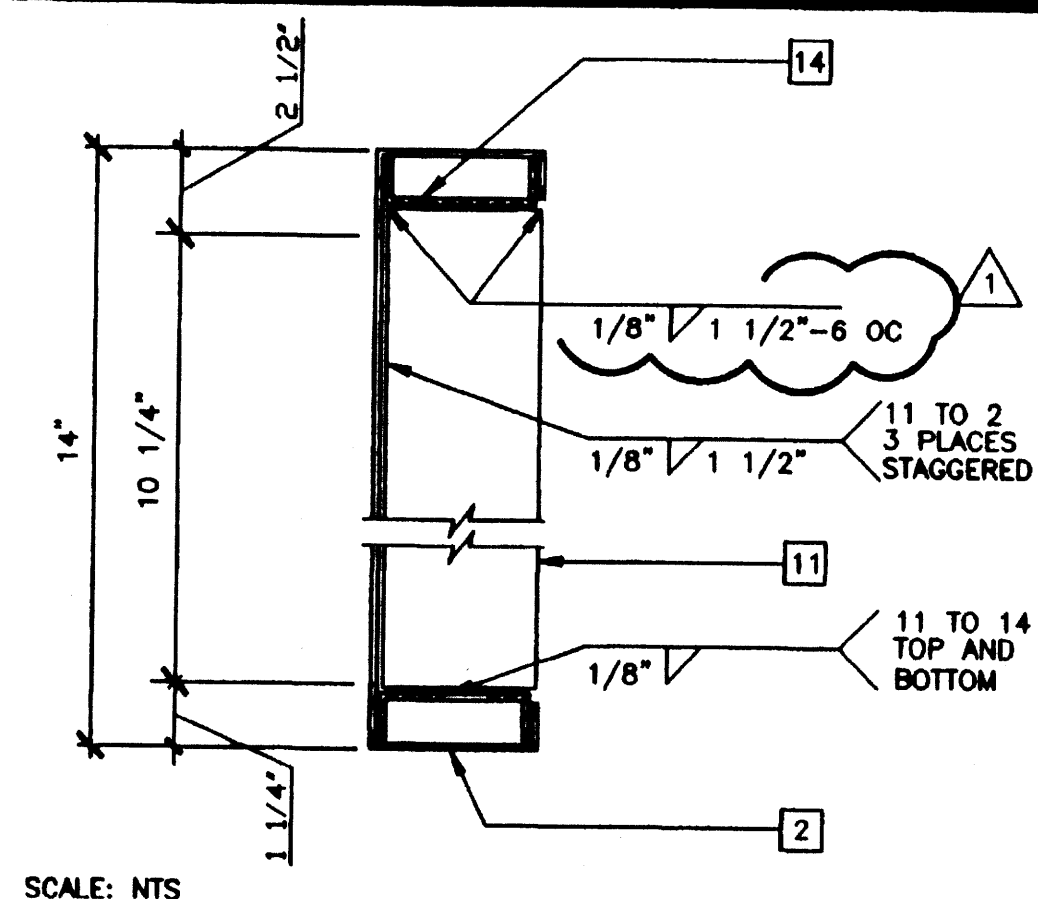
REVISED

SEP 25 2000

MODTECH

STKP-62

PROJECT NO. 4134



- ### KEY NOTES
- [1] TAPERED ROOF BEAM - 1/2 S2.01
 - [2] ROOF HEADER - 2/2 S2.01
 - [3] ROOF FASCIA - 3/2 S2.01
 - [4] ROOF PURLIN - 4/2 S2.01
 - [5] RIDGE LINE
 - [6] 11/16" DIA DRILLED HOLE - 5/3 S3.01
 - [7] EDGE NAIL THIS LINE
 - [8] PLYWOOD ROOF SHEATHING, 3/4" CD EXPOSURE 1, P.1.1 48/24, PSI-83 PLYCLIPS AT 18" OC MAX ON LONG EDGES #10x1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC TO PERIMETER FRAME OR ALTERNATE USE AEROSMITH AKN .144 DRIVE PINS AT 6" OC TO PERIMETER FRAME, AEROSMITH AKN .144 DRIVE PINS AT 6" OC AT SUPPORTED EDGES AND 6" OC FIELD NAILING TO PURLINS, PLYWOOD PATTERN SHOWN IS TYPICAL
 - [9] OPTIONAL BEAM SPLICE LOCATIONS
 - [10] 10 GA BENT PLATE BACK UP
 - [11] 1/4" FULL DEPTH STIFFENER PLATE
 - [12] 1/2"x1/2"x16 GA ANGLE, TACK WELD TO HEADER AND ROOF BEAM
 - [13] PURLIN SIZE BLOCKING AT HEADER MIDSPAN FOR 80 MPH DESIGN WIND LOAD ONLY
 - [14] 3 1/4"x1" CHANNEL STIFFENER
 - [15] TUBE STEEL STIFFENER
 - [16] LOCATION OF ADDITIONAL PURLIN FOR BUILDINGS THAT EXCEED 2160 SF
 - [17] Z STIFFENER AT SOFFIT CLOSURE - 4/2 S2.01
 - [18] 6"x2 1/2"x14 GA FRAMING FOR ROUGH OPENING OF OPTIONAL ROOF MOUNT HVAC, SPACING AND LOCATION WILL VARY - 18,19/A6.01 [HV]

HVAC OPENING IN ROOF HEADER

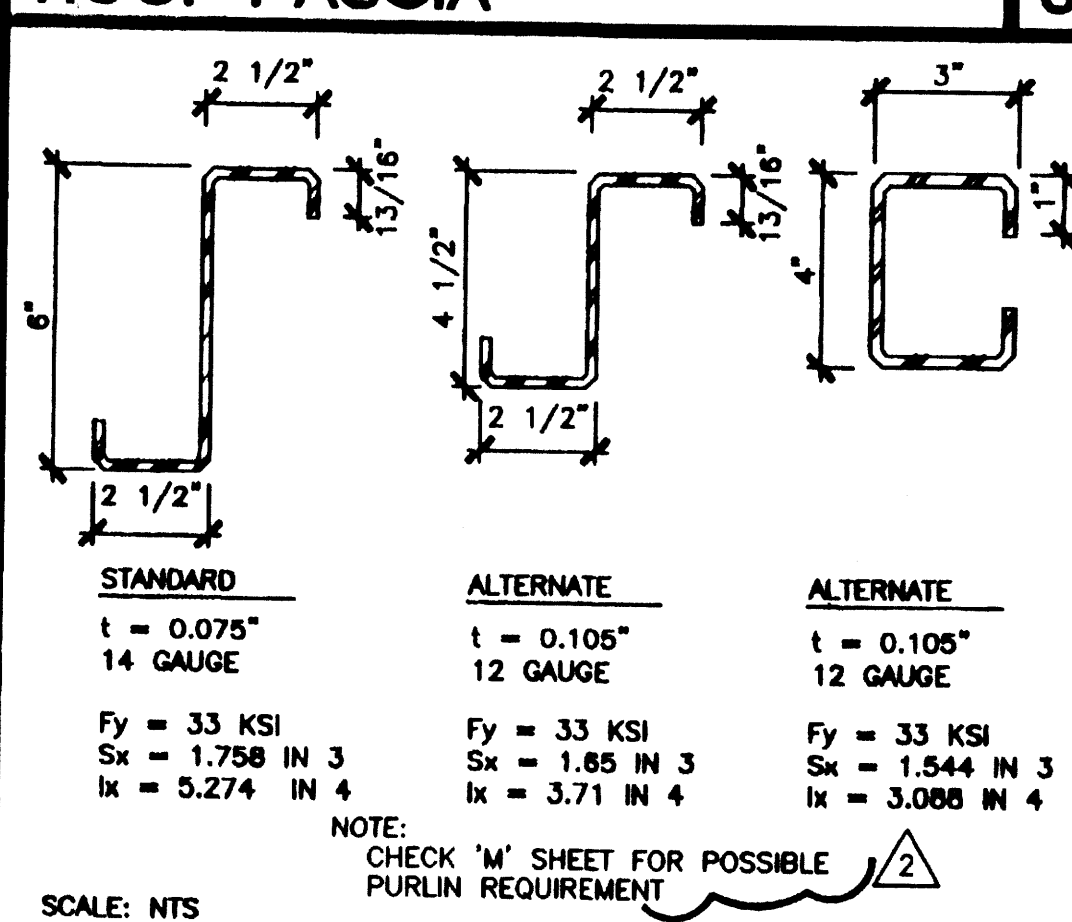
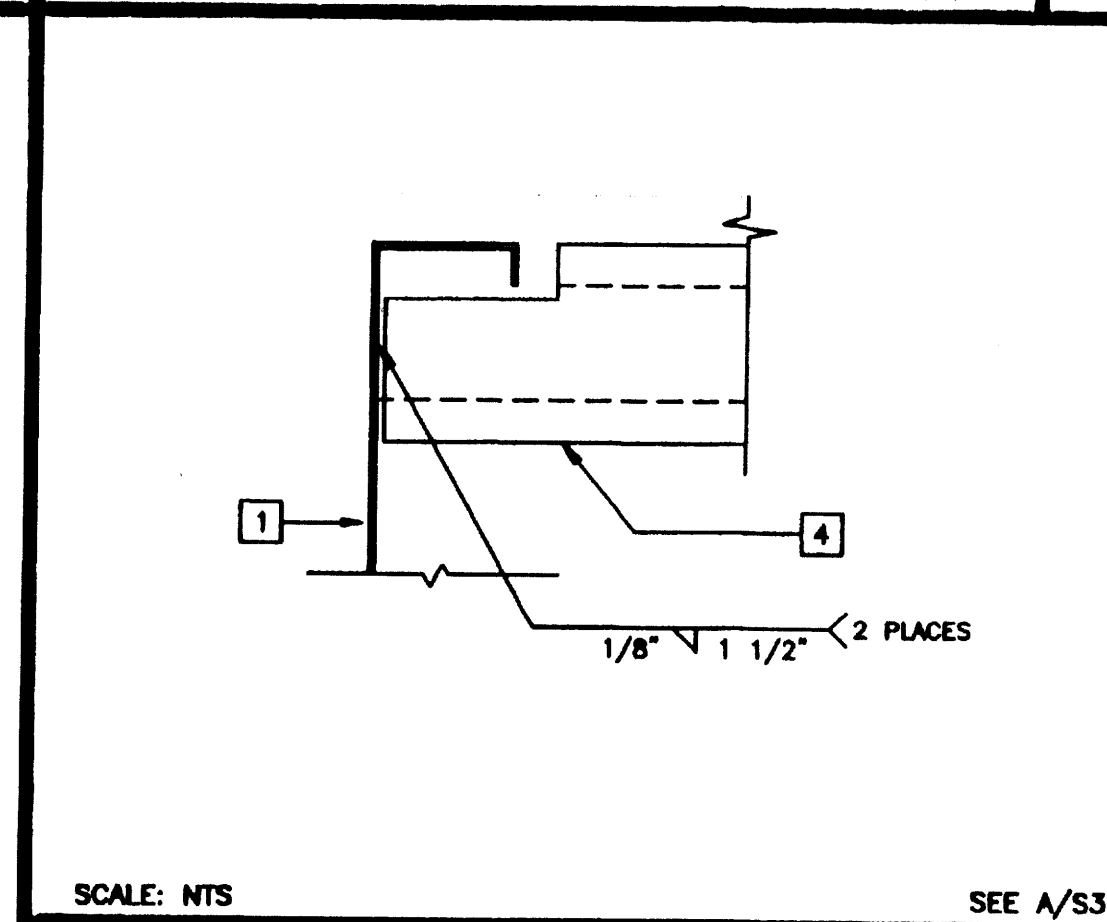
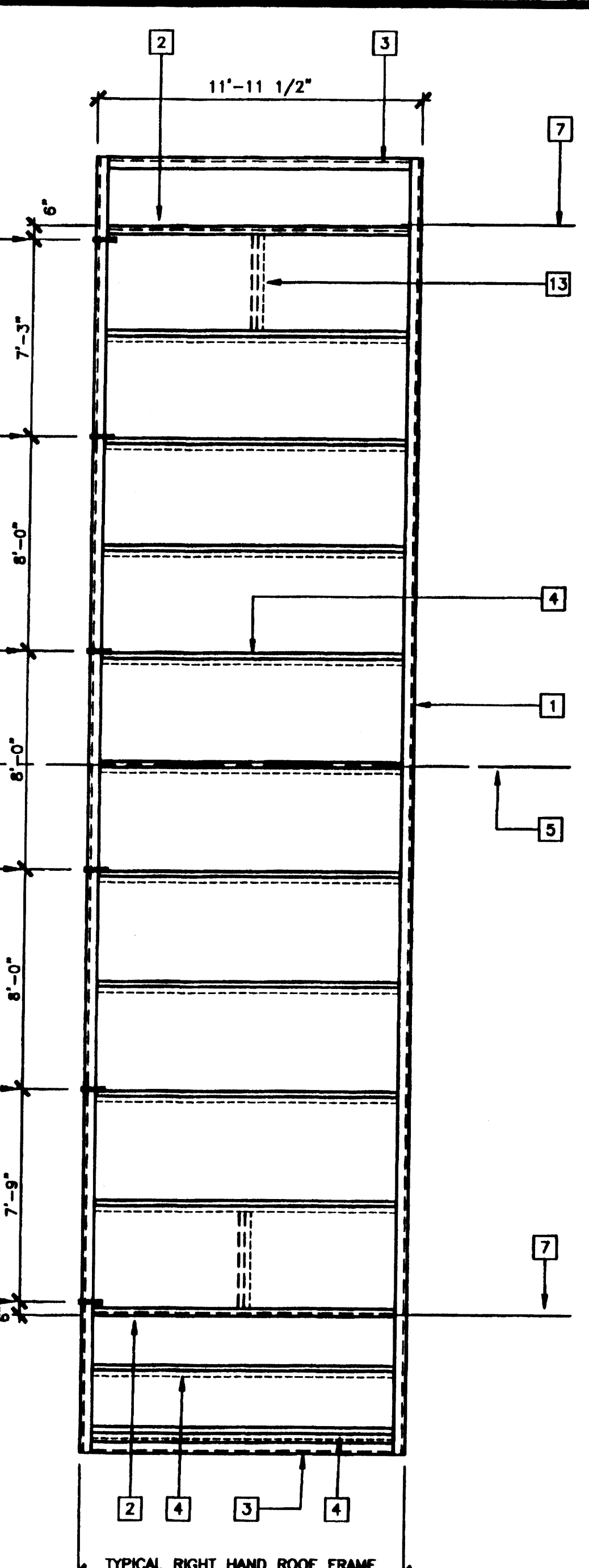
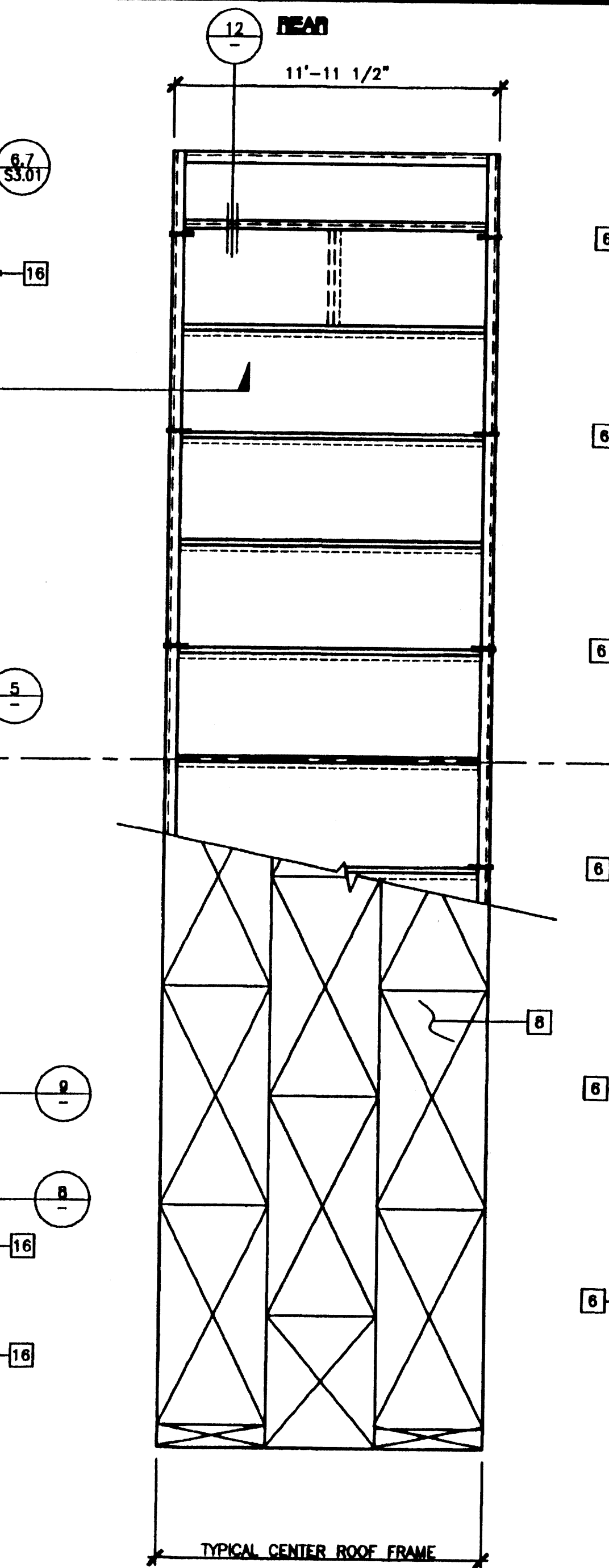
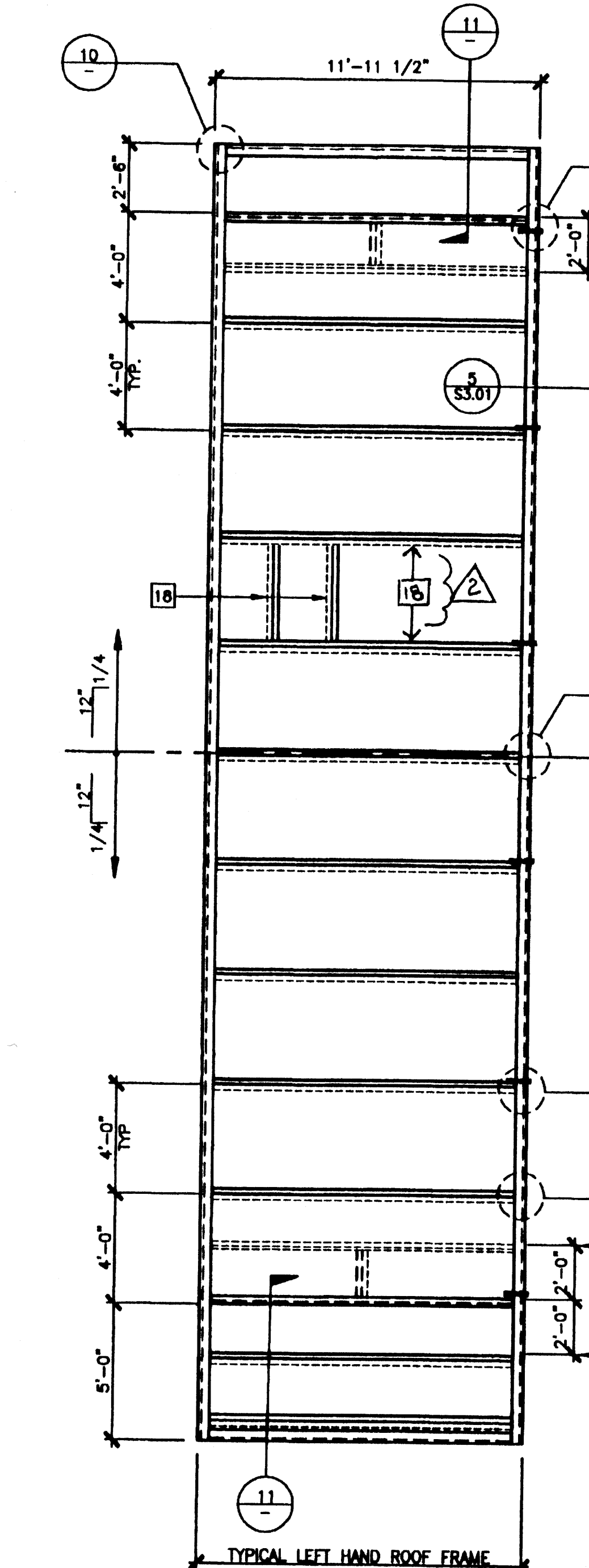
HVAC OPENING IN ROOF HEADER

OVERHANGS

STIFFENER PLATE AT SPLICE

ROOF FASCIA

KEY NOTES



- ### KEY NOTES
- [1] TAPERED ROOF BEAM - 1/2 S2.01
 - [2] ROOF HEADER - 2/2 S2.01
 - [3] ROOF FASCIA - 3/2 S2.01
 - [4] ROOF PURLIN - 4/2 S2.01
 - [5] RIDGE LINE
 - [6] 11/16" DIA DRILLED HOLE - 5/3 S3.01
 - [7] EDGE NAIL THIS LINE
 - [8] PLYWOOD ROOF SHEATHING, 3/4" CD EXPOSURE 1, P.1.1 48/24, PSI-83 PLYCLIPS AT 18" OC MAX ON LONG EDGES #10x1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC TO PERIMETER FRAME OR ALTERNATE USE AEROSMITH AKN .144 DRIVE PINS AT 6" OC TO PERIMETER FRAME, AEROSMITH AKN .144 DRIVE PINS AT 6" OC AT SUPPORTED EDGES AND 6" OC FIELD NAILING TO PURLINS, PLYWOOD PATTERN SHOWN IS TYPICAL
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 - [15] TUBE STEEL STIFFENER
 - [16] LOCATION OF ADDITIONAL PURLIN FOR BUILDINGS THAT EXCEED 2160 SF
 - [17] Z STIFFENER AT SOFFIT CLOSURE - 4/2 S2.01
 - [18] 6"x2 1/2"x14 GA FRAMING FOR ROUGH OPENING OF OPTIONAL ROOF MOUNT HVAC, SPACING AND LOCATION WILL VARY - 18,19/A6.01 [HV]

ROOF FRAMING PLAN

ROOF FRAMING PLAN

ROOF FRAMING PLAN

PURLIN TO ROOF BEAM

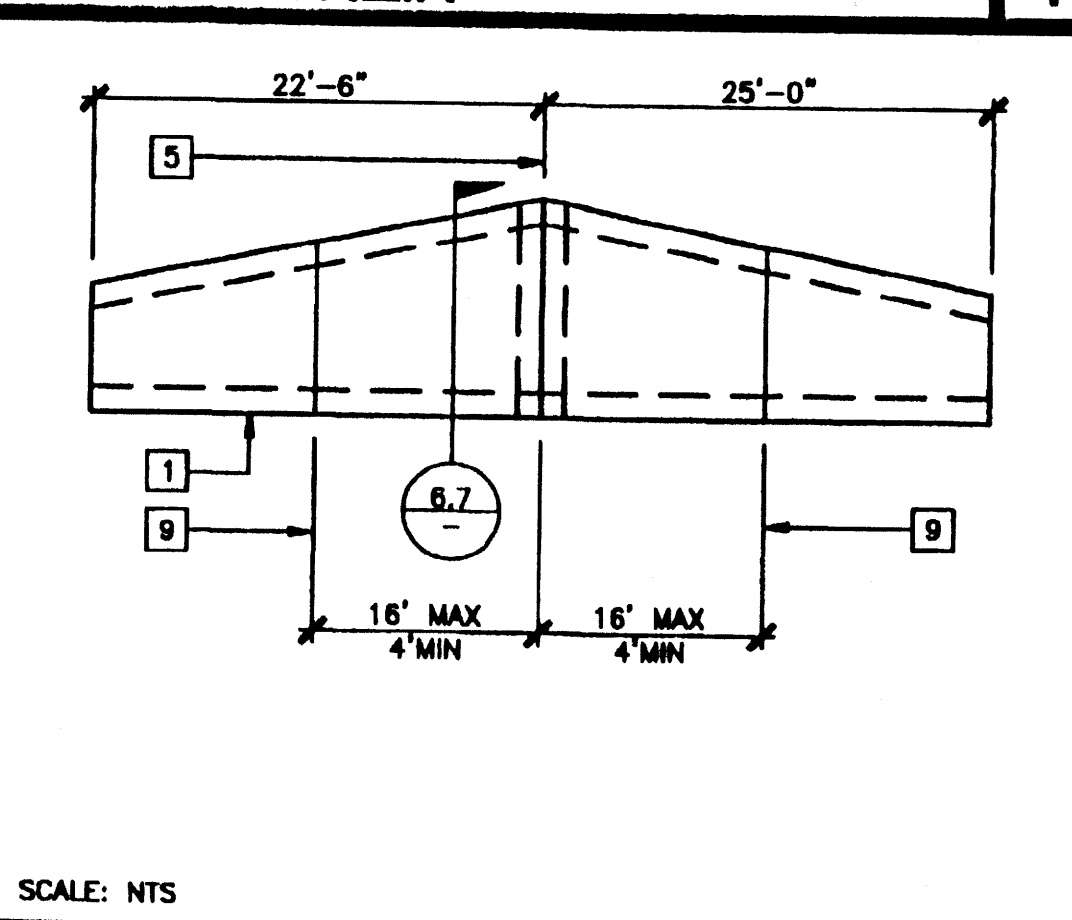
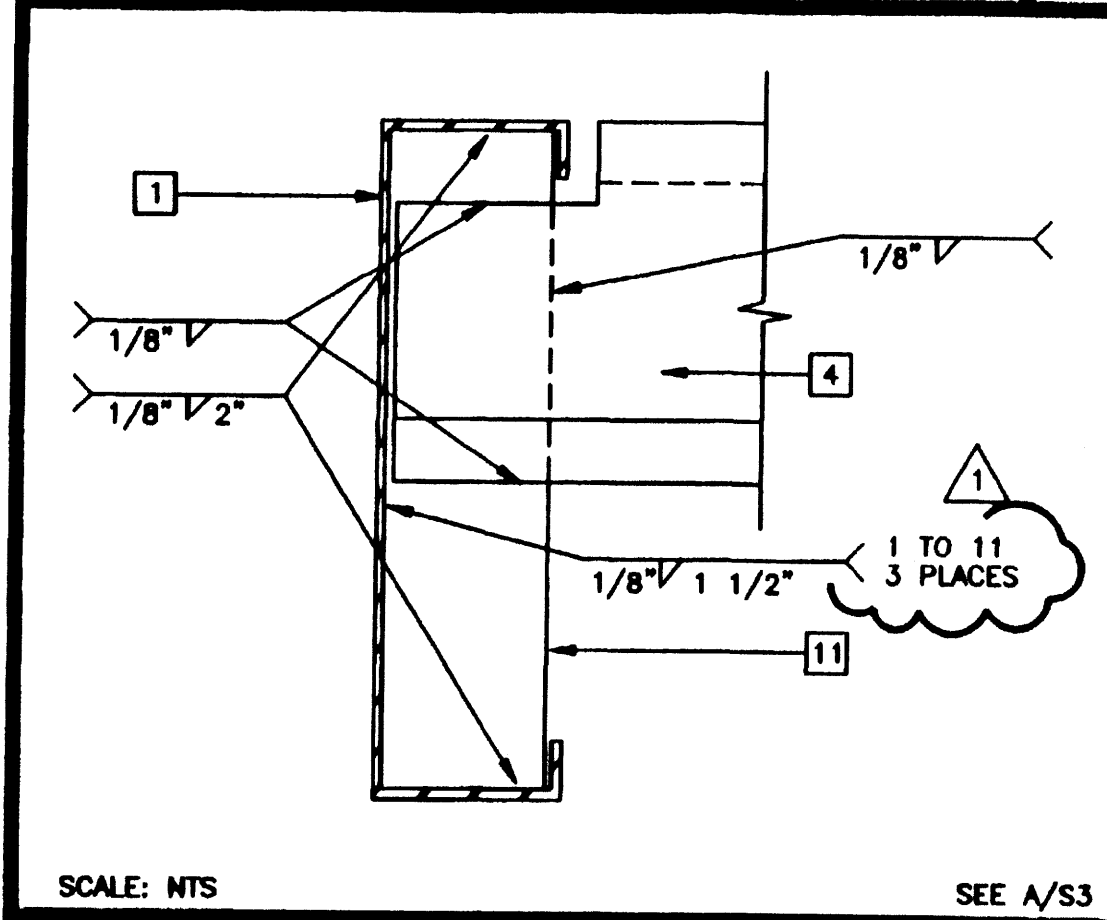
ROOF PURLIN

KEY NOTES

ROOF FRAMING PLAN

ROOF FRAMING PLAN

ROOF FRAMING PLAN



- ### KEY NOTES
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 - [2] ROOF HEADER - 2/2 S2.01
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ROOF FRAMING PLAN

ROOF FRAMING PLAN

ROOF FRAMING PLAN

PURLIN/STIFFENER TO ROOF BEAM

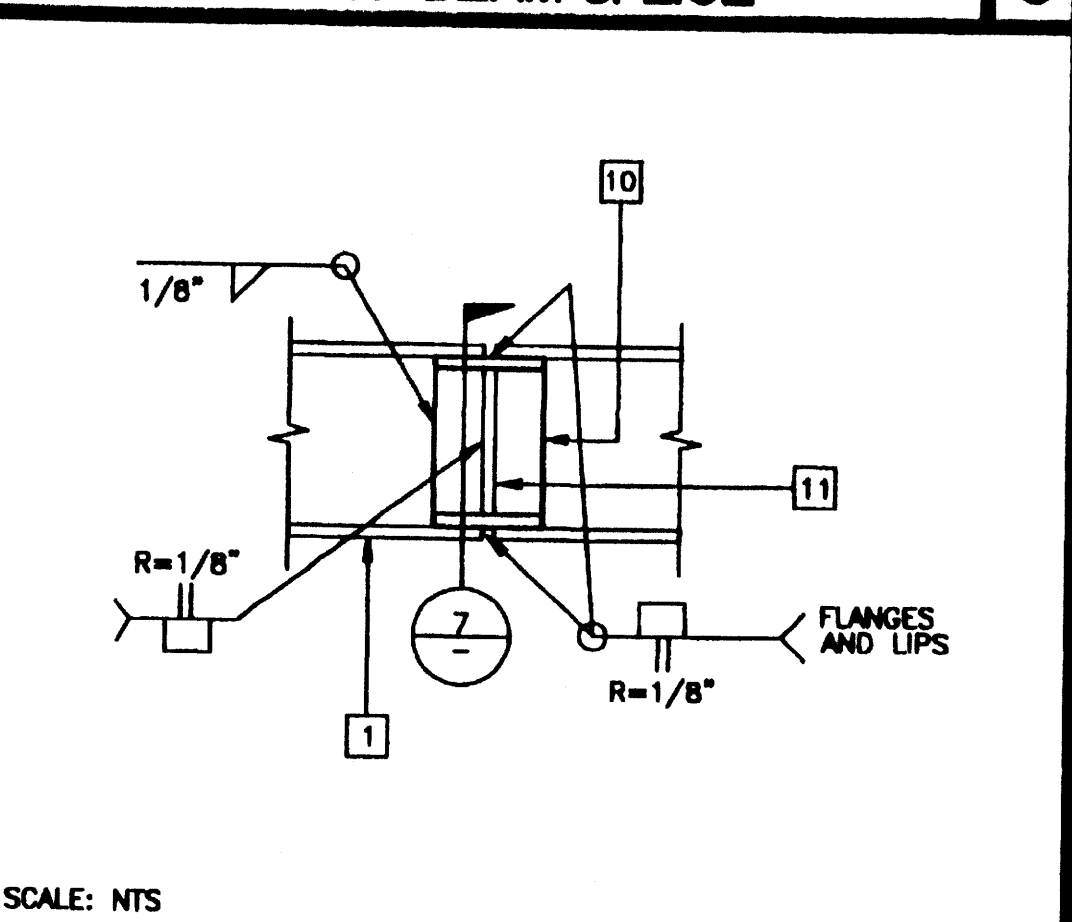
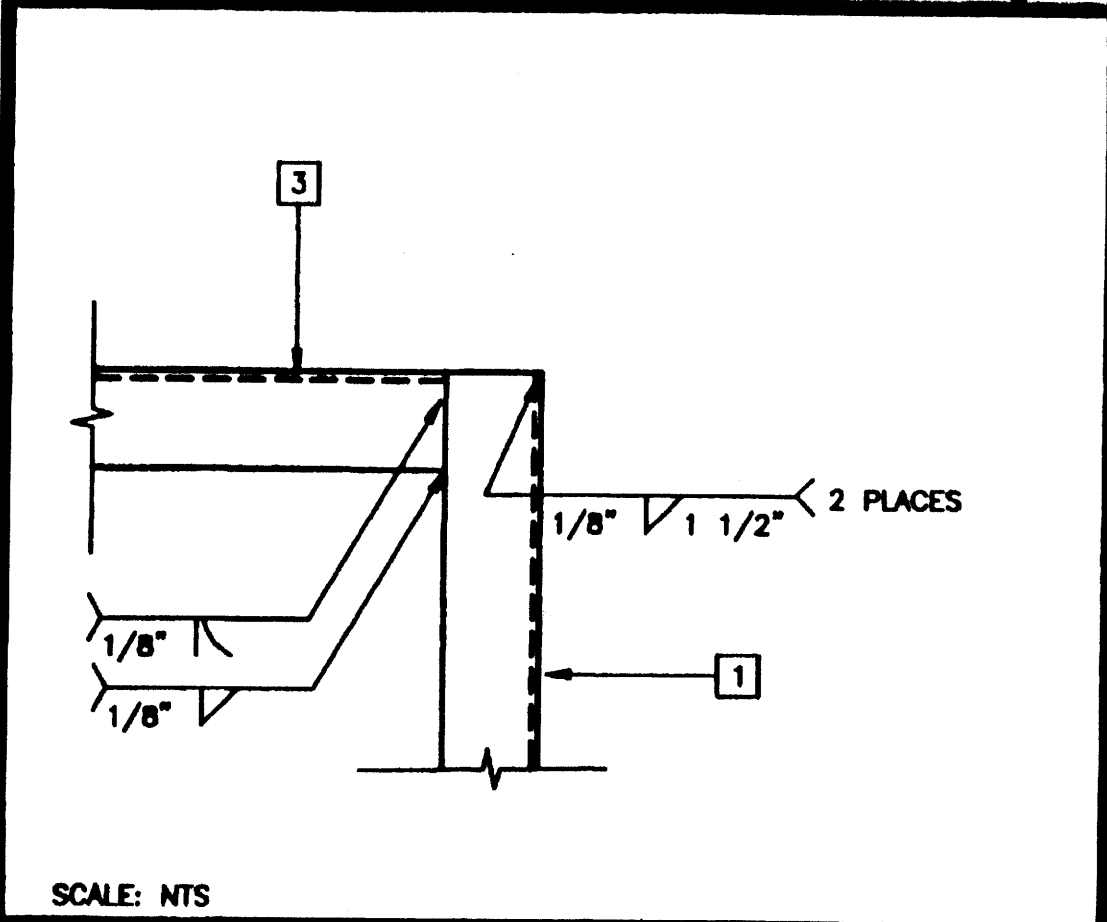
TAPERED ROOF BEAM SPLICE

TAPERED ROOF BEAM

ROOF FRAMING PLAN

ROOF FRAMING PLAN

ROOF FRAMING PLAN



- ### KEY NOTES
- [1] TAPERED ROOF BEAM - 1/2 S2.01
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ROOF FRAMING PLAN

ROOF FRAMING PLAN

ROOF FRAMING PLAN

ROOF FASCIA AT ROOF BEAM

BEAM SPLICE

ROOF HEADER

REVISIONS

REVISIONS

REVISIONS

ROOF FASCIA AT ROOF BEAM

BEAM SPLICE

ROOF HEADER

REVISIONS

REVISIONS

REVISIONS

ROOF FASCIA AT ROOF BEAM

BEAM SPLICE

ROOF HEADER

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ROOF FASCIA AT ROOF BEAM

BEAM SPLICE

ROOF HEADER

REVISIONS

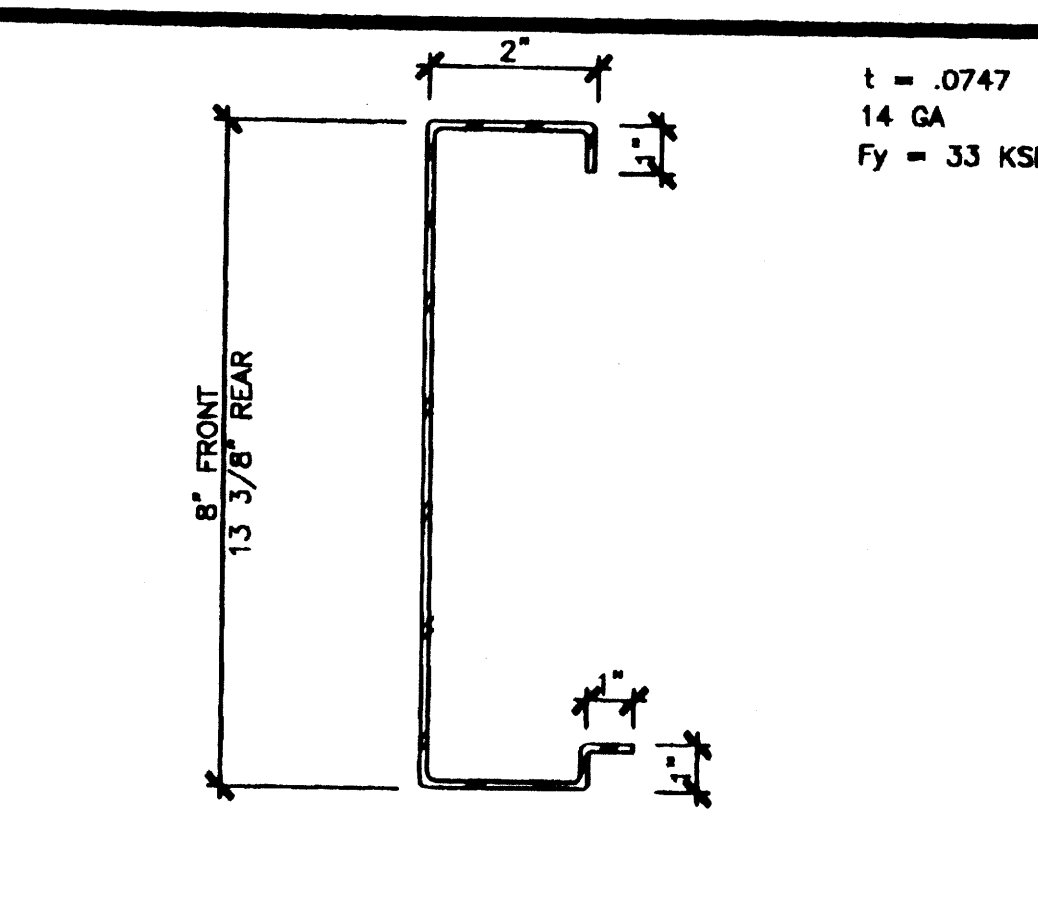
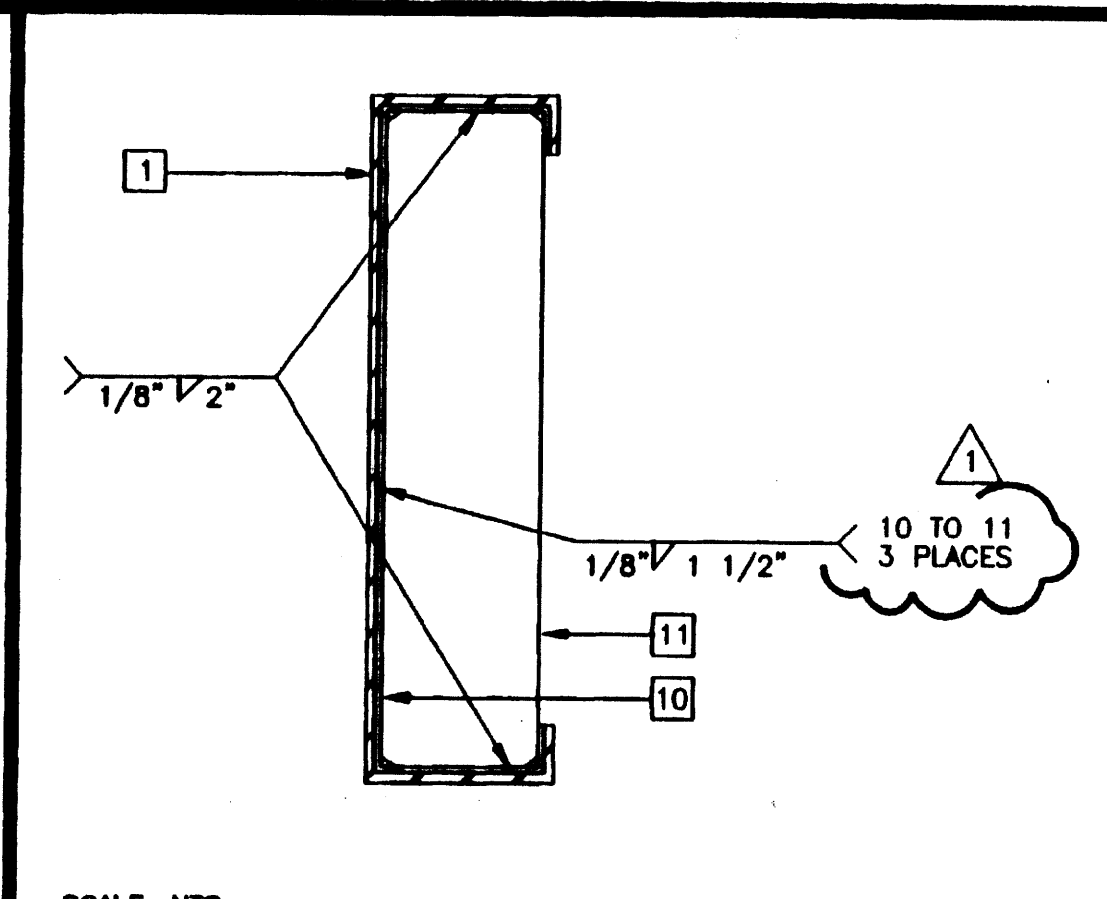
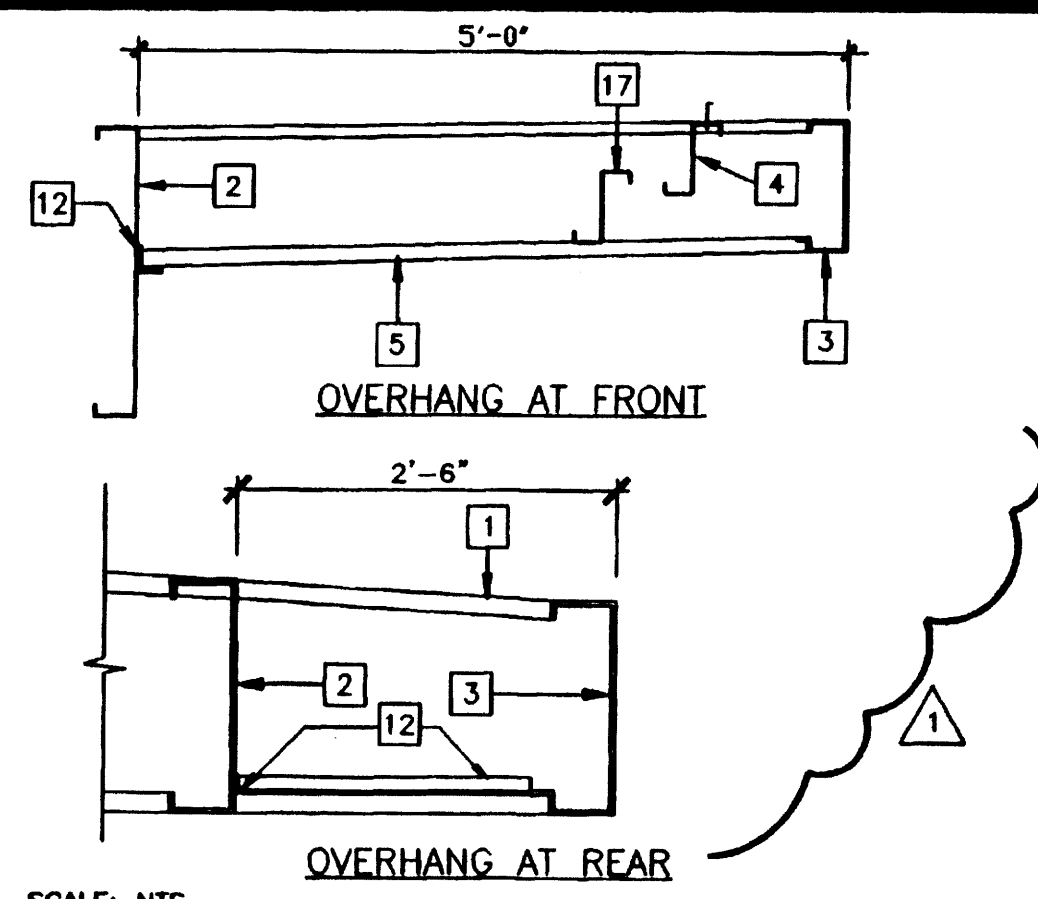
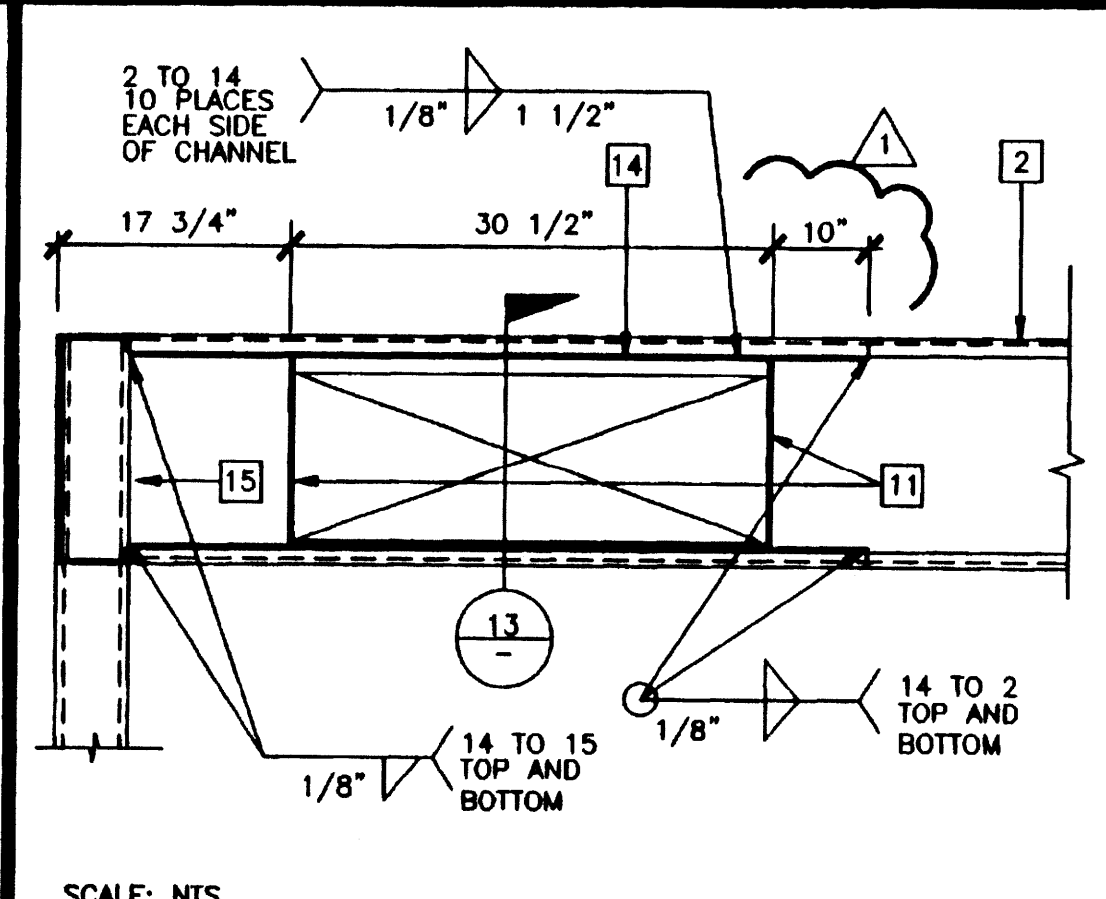
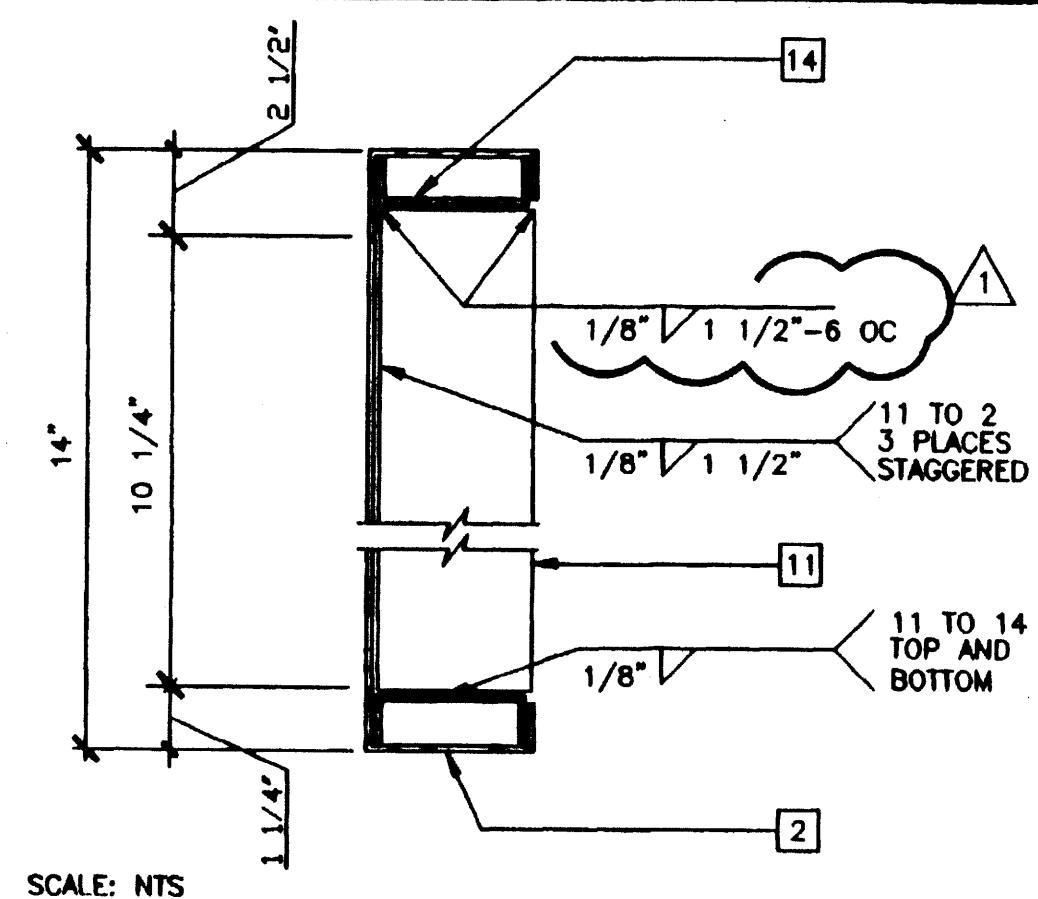
REVISIONS

REVISIONS

ROOF FASCIA AT ROOF BEAM

BEAM SPLICE

ROOF HEADER



- ### KEY NOTES
- 1 TAPERED ROOF BEAM - 1/S2.02
 - 2 ROOF HEADER - 2/S2.02
 - 3 ROOF FASCIA - 3/S2.02
 - 4 ROOF PURLIN - 4/S2.02
 - 5 ROOF OVERHANG BEAM - 10/S3.02
 - 6 11/16" DIA DRILLED HOLE - 5/S3.02
 - 7 EDGE NAIL THIS LINE
 - 8 PLYWOOD ROOF SHEATHING, 3/4" CD EXPOSURE 1, P.1.1 48/24, PSI-B3 PLYCLIPS AT 16" OC MAX ON LONG EDGES #10x1 1/4" SELF TAPPING FLAT HEAD SCREWS AT 6" OC TO PERIMETER FRAME OR ALTERNATE USE AEROSMITH AKN 144 DRIVE PINS AT 6" OC TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" OC AT SUPPORTED EDGES AND 6" OC FIELD NAILING TO PURLINS, PLYWOOD PATTERN SHOWN IS TYPICAL
 - 9 OPTIONAL BEAM SPLICE LOCATIONS
 - 10 10 GA BENT PLATE BACK UP
 - 11 1/4" FULL DEPTH STIFFENER PLATE
 - 12 1/2"x1/2"x16 GA ANGLE, TACK WELD TO HEADER AND ROOF BEAM
 - 13 PURLIN SIZE BLOCKING AT HEADER MIDSPAN FOR 80 MPH DESIGN WIND LOAD ONLY
 - 14 3 1/4"x1" CHANNEL STIFFENER
 - 15 TUBE STEEL STIFFENER
 - 16 LOCATION OF ADDITIONAL PURLIN FOR BUILDINGS THAT EXCEED 2160 SF
 - 17 Z STIFFENER AT SOFFIT CLOSURE - 4/S2.01
 - 18 6"x2 1/2"x14 GA FRAMING FOR ROUGH OPENING OF OPTIONAL ROOF MOUNT HVAC, SPACING AND LOCATION WILL VARY - 18,19/A6.01 (HV)

HVAC OPENING IN ROOF HEADER 13

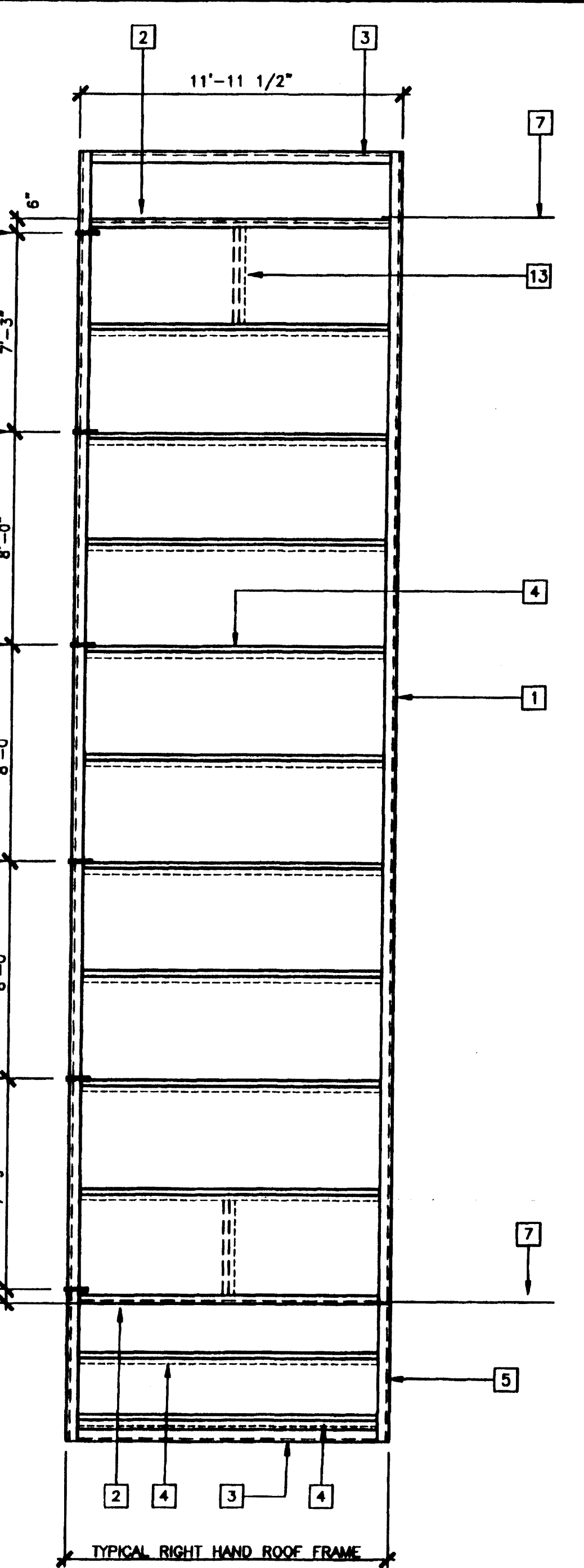
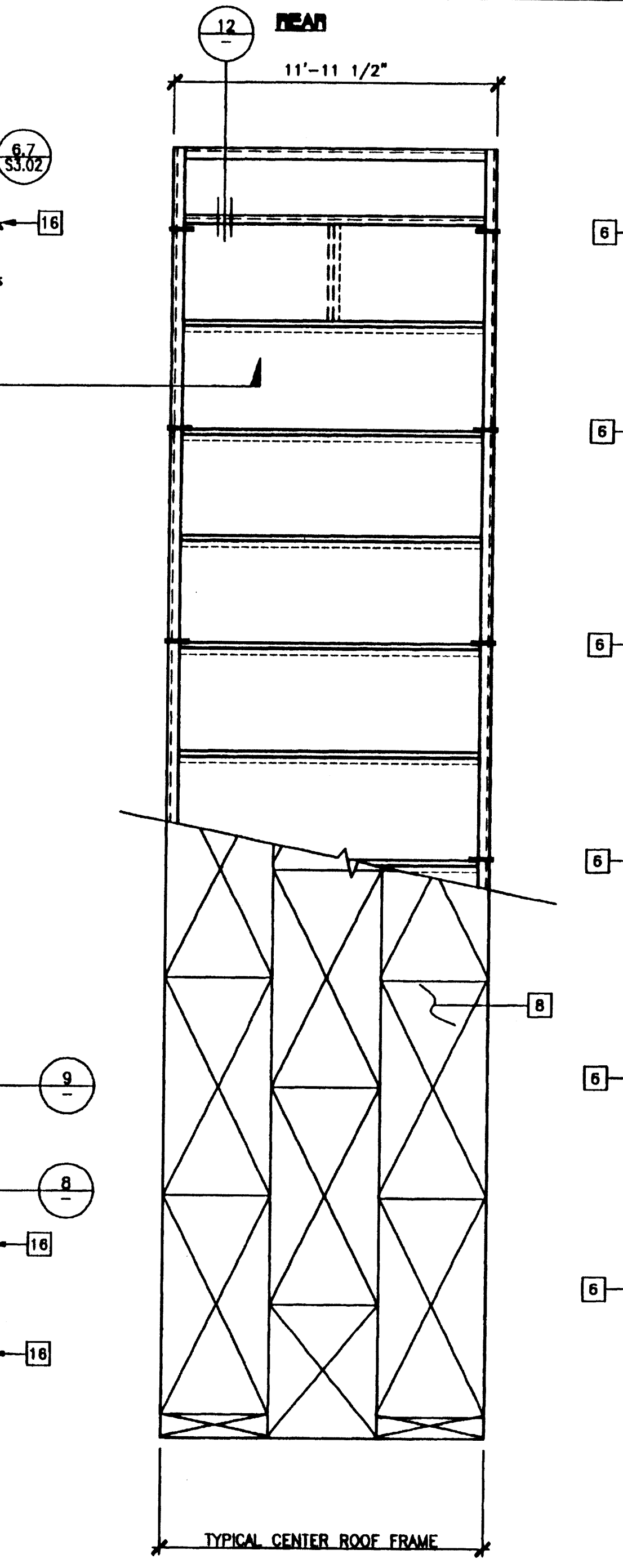
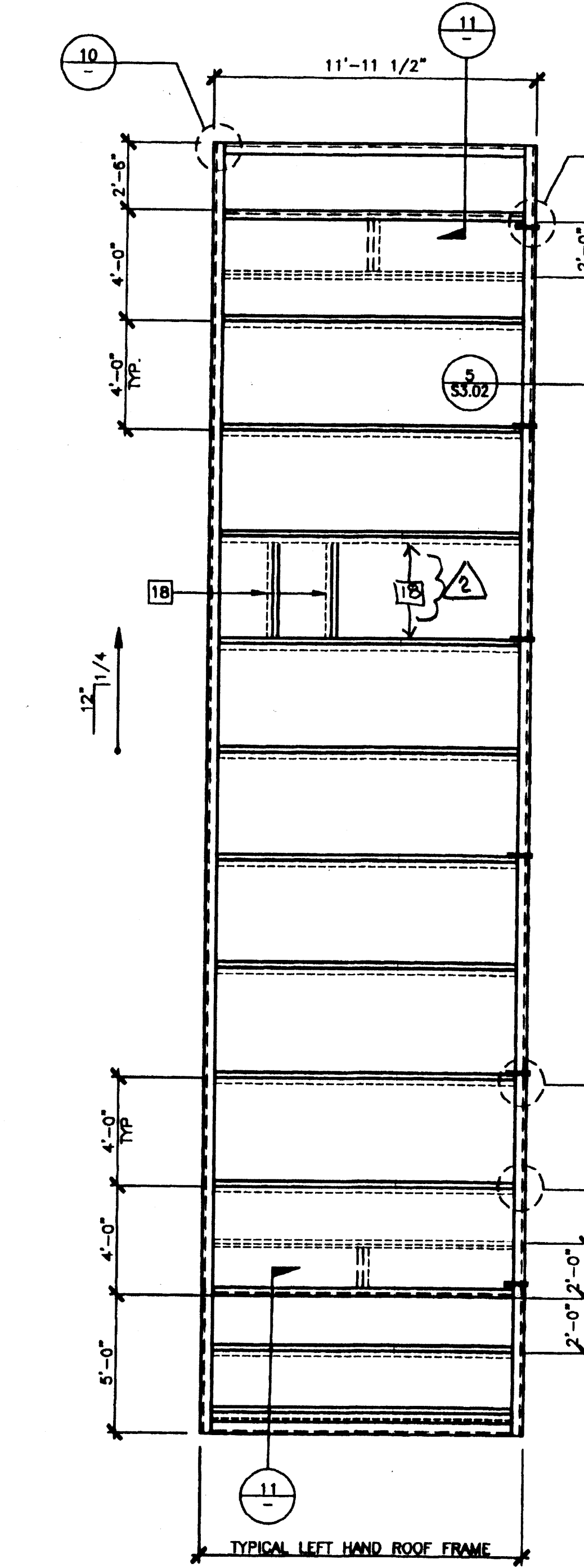
HVAC OPENING IN ROOF HEADER 12

OVERHANGS

STIFFENER PLATE AT BEAM SPLICE 11

ROOF FASCIA 7

3



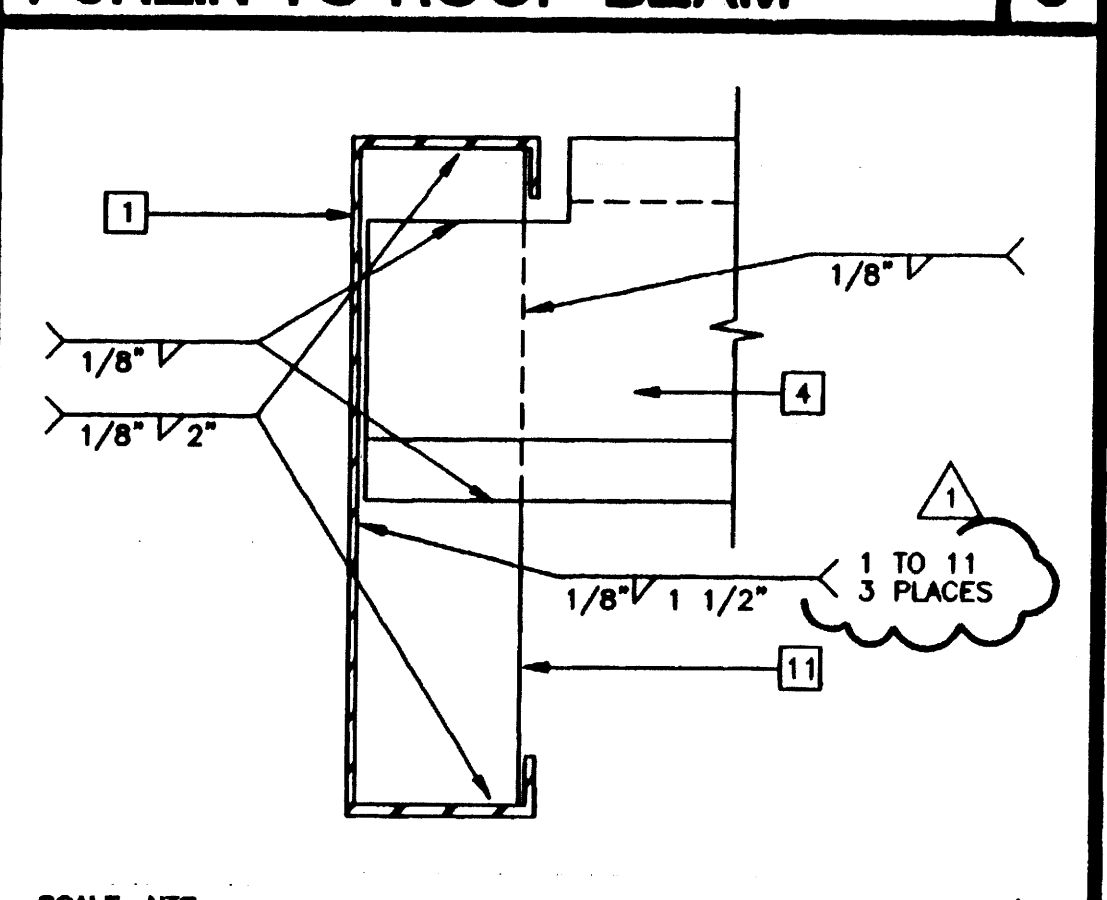
ROOF FRAMING PLAN

26 GA MONO PITCH
SCALE: 1/4" = 1'-0"

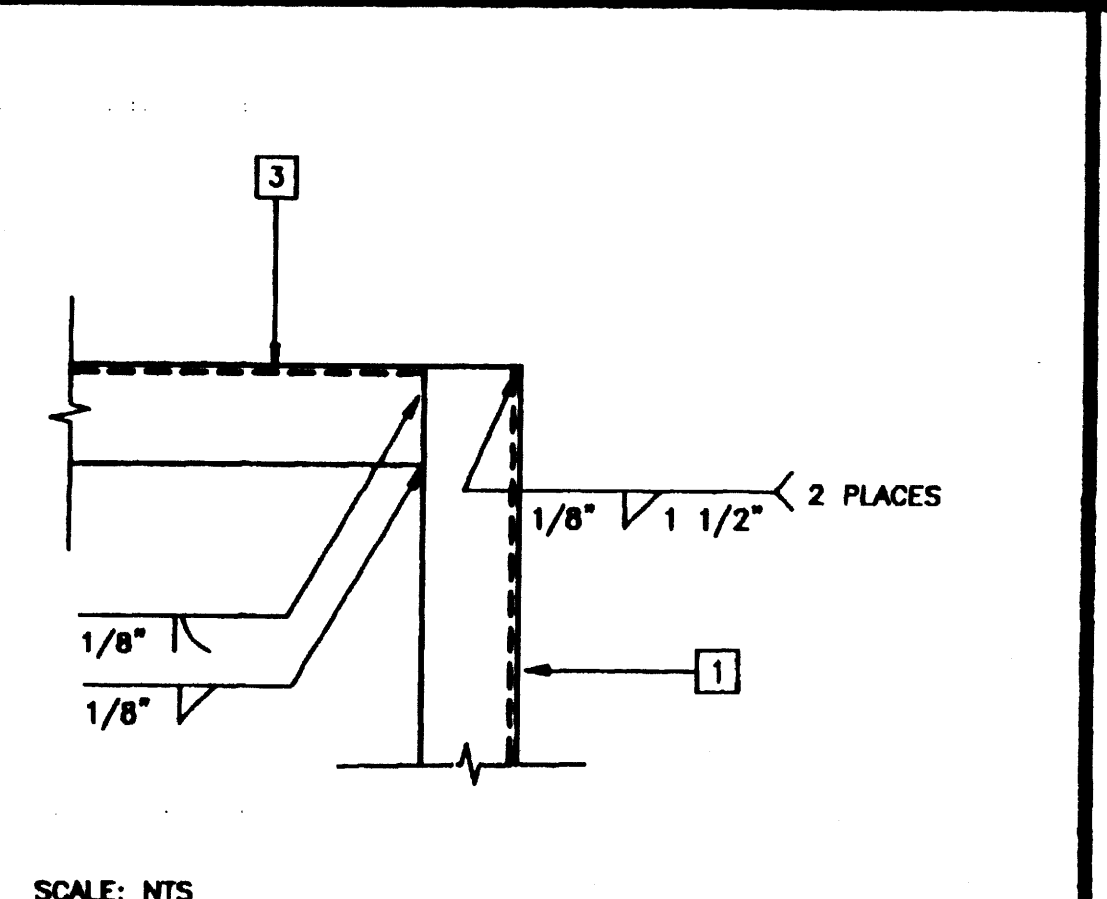
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CBC 1998

PURLIN TO ROOF BEAM 8

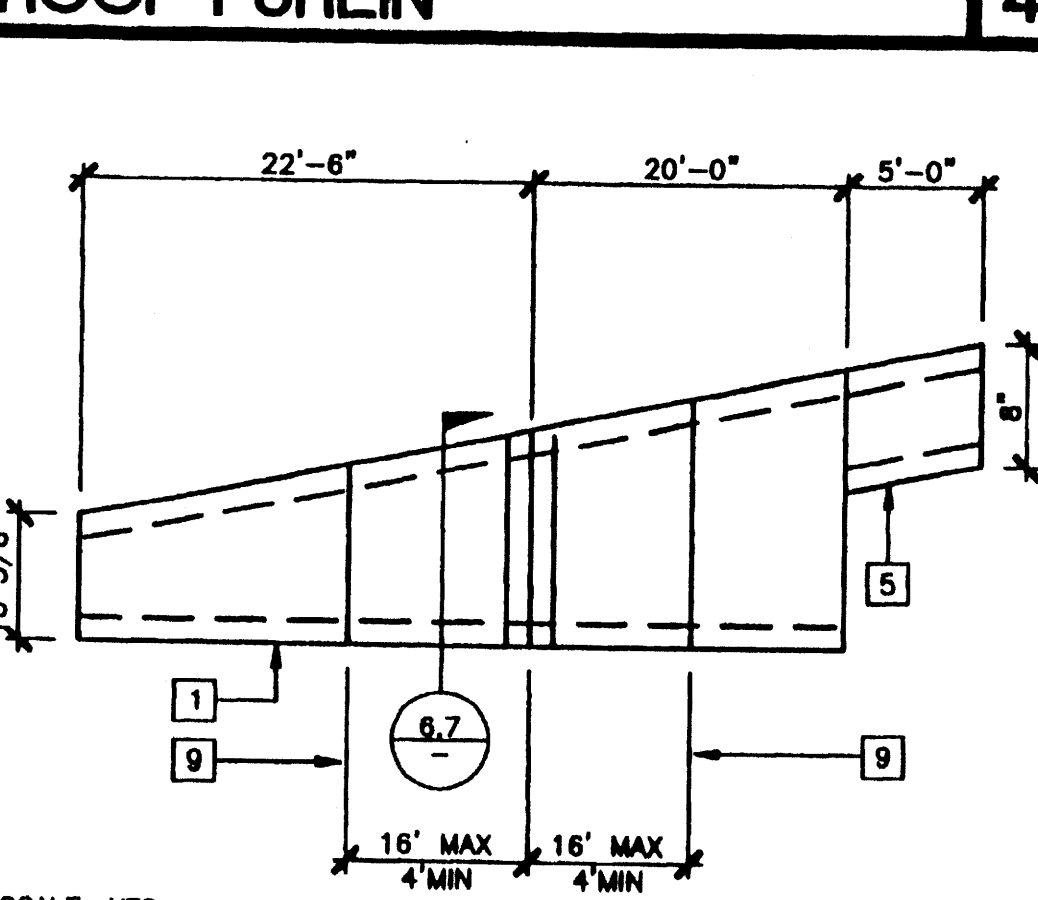


PURLIN/STIFFENER TO ROOF BEAM 9

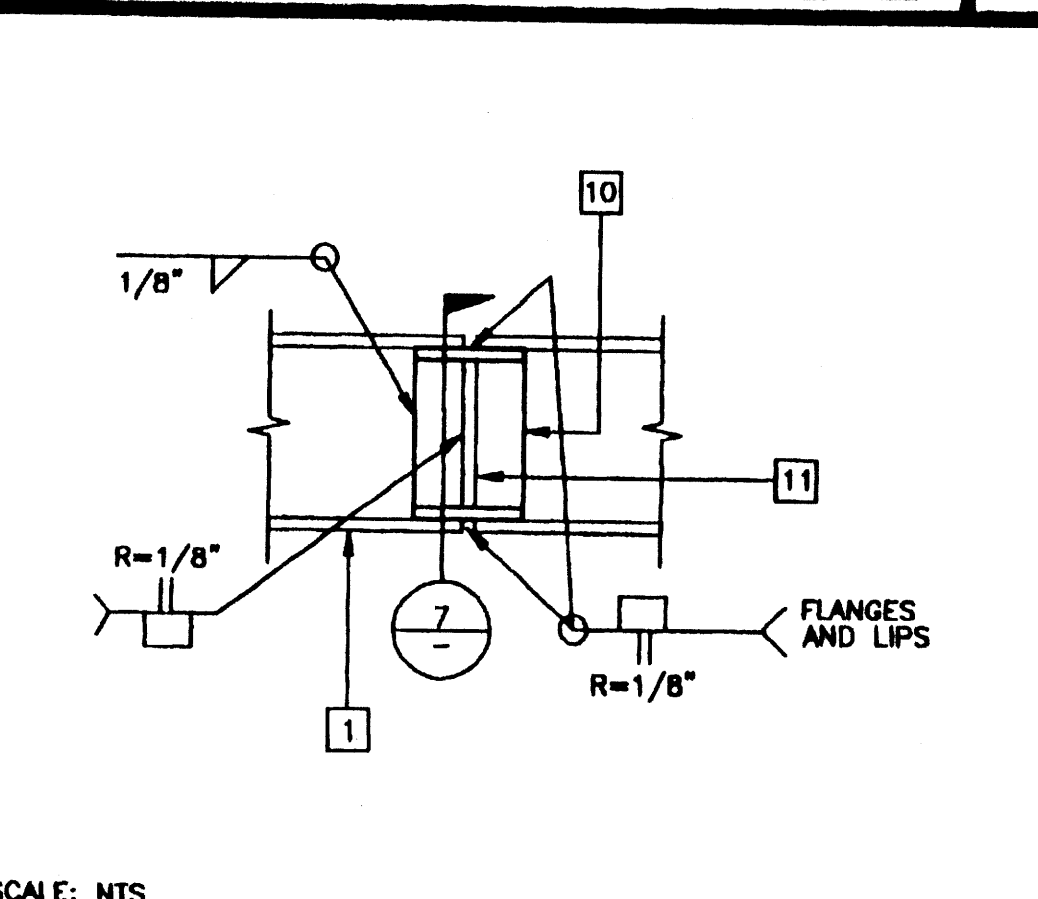


PURLIN TO ROOF BEAM 10

ROOF PURLIN 4

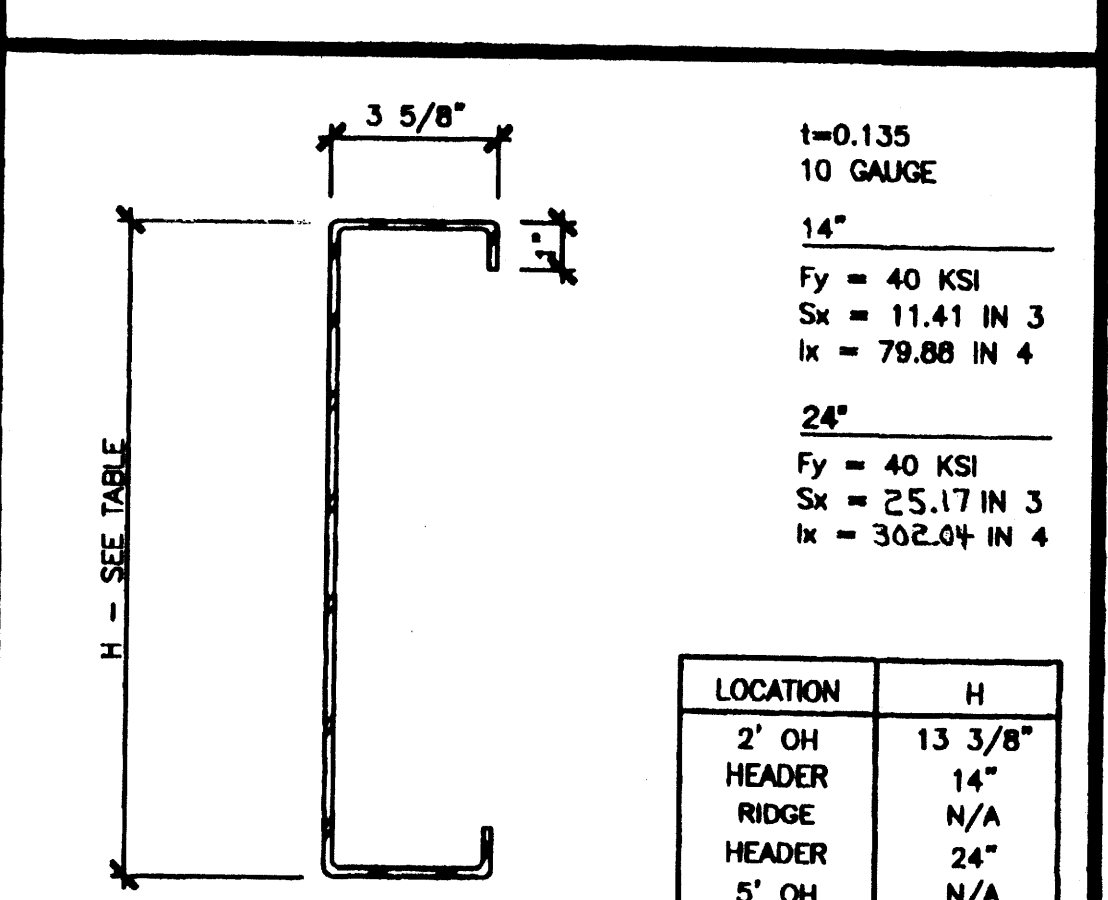


TAPERED ROOF BEAM SPLICE 5

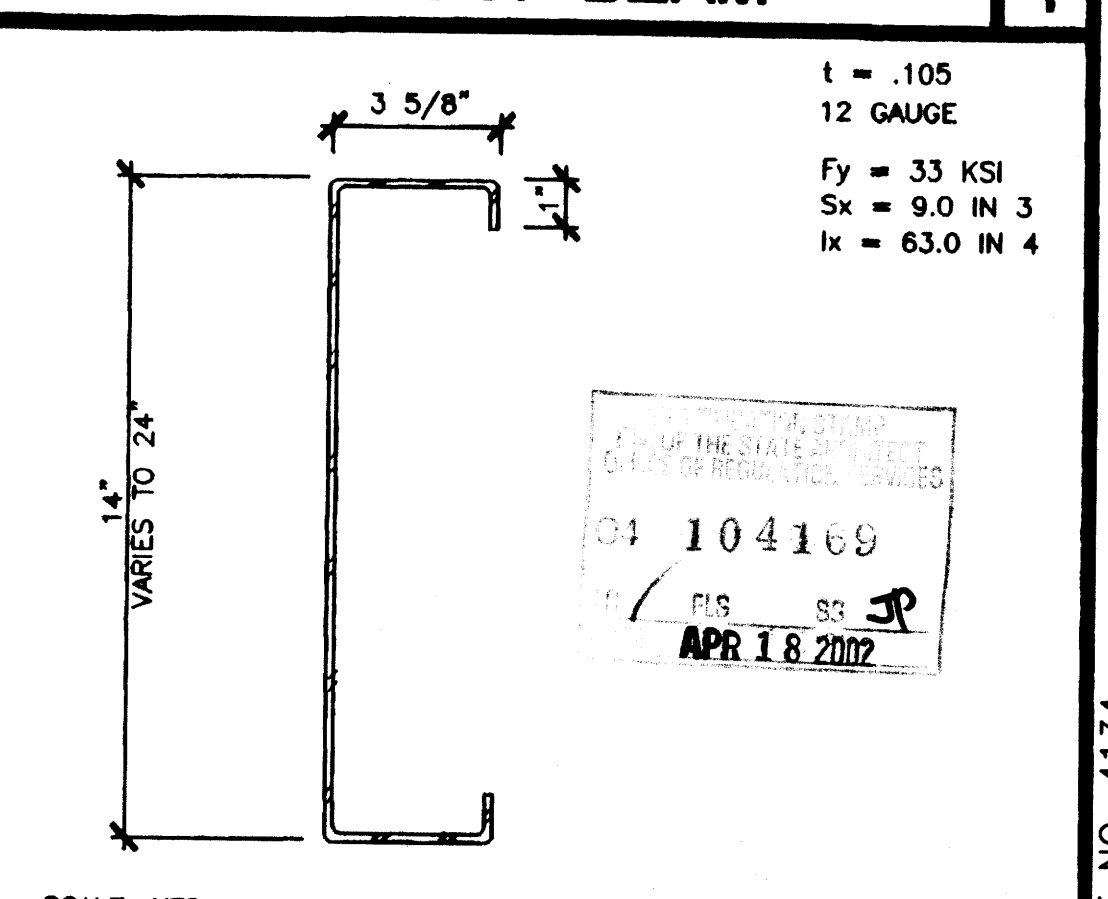


BEAM SPLICE 6

ROOF PURLIN 4



TAPERED ROOF BEAM SPLICE 5



ROOF HEADER 2

REVISIONS	DATE	DESCRIPTION
1	09/28/00	MODTECH ENGINEERING CHANGE
2	11/9/00	ADDED REFERENCE NOTE
3		
4		
5		

Electrical Engineer's Seal
Mechanical Engineer's Seal
Structural Engineer's Seal
Architect's Seal
LICENSED ARCHITECT
GEORGE C. EDWARDS
STATE OF CALIFORNIA
NOV 9 2000

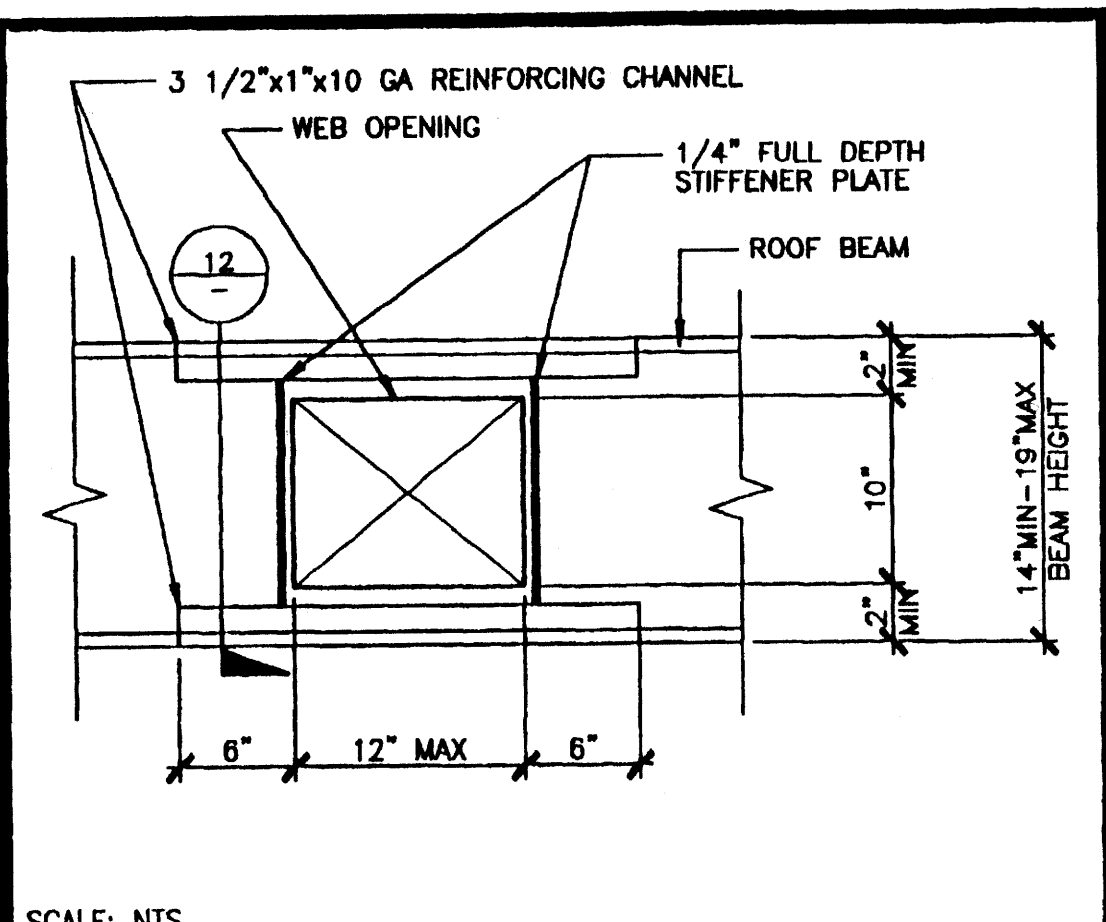
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC-04
101268
DATE: SEP 07 1999
REVISED NOV 9 2000

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

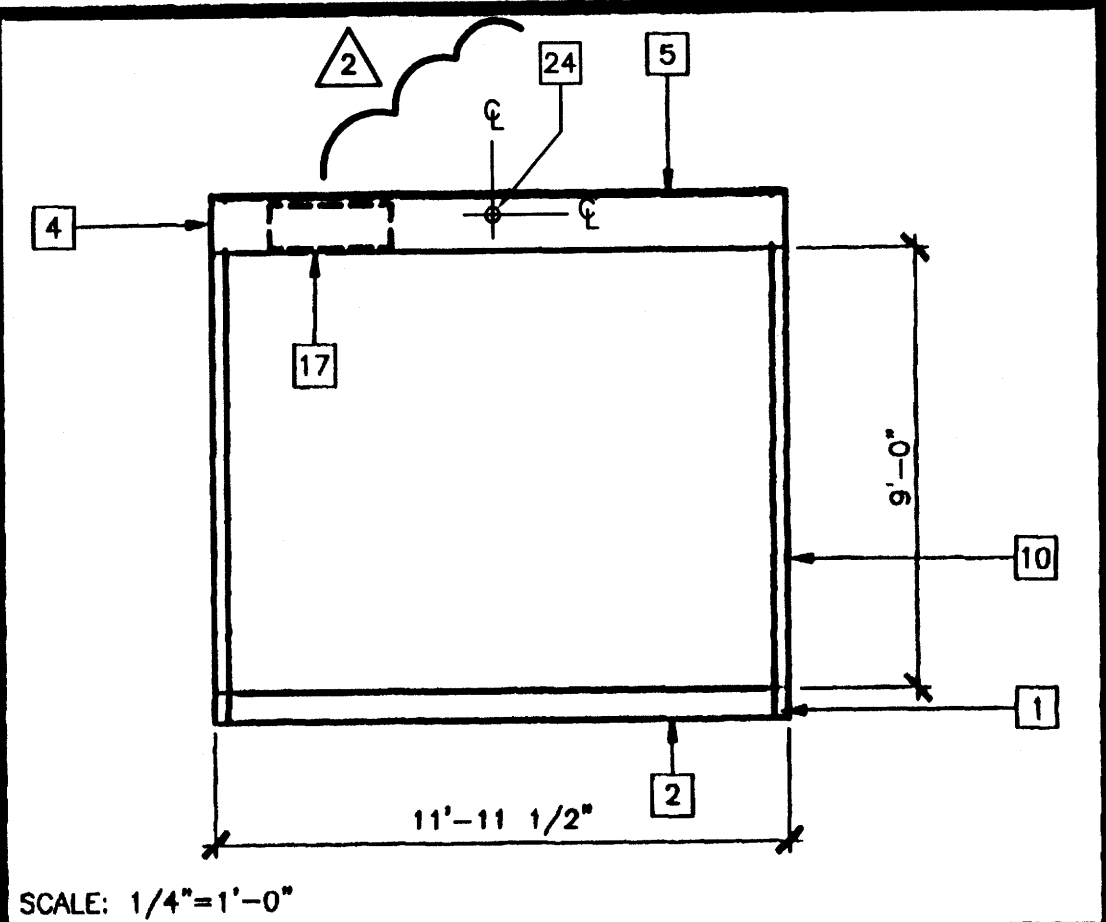
PROJECT NUMBER: 4134
© MODTECH, INC. 2001
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
S2.02

ROOF FRAMING PLAN 26 GA MONO PITCH

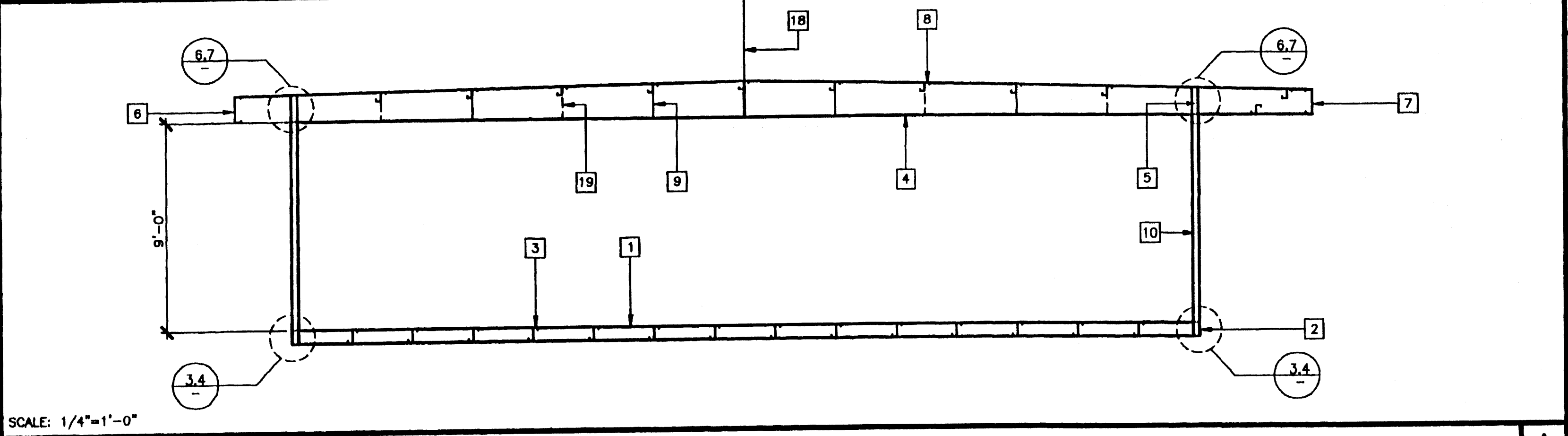
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PROJECT NO. 4134
PC-04-101268



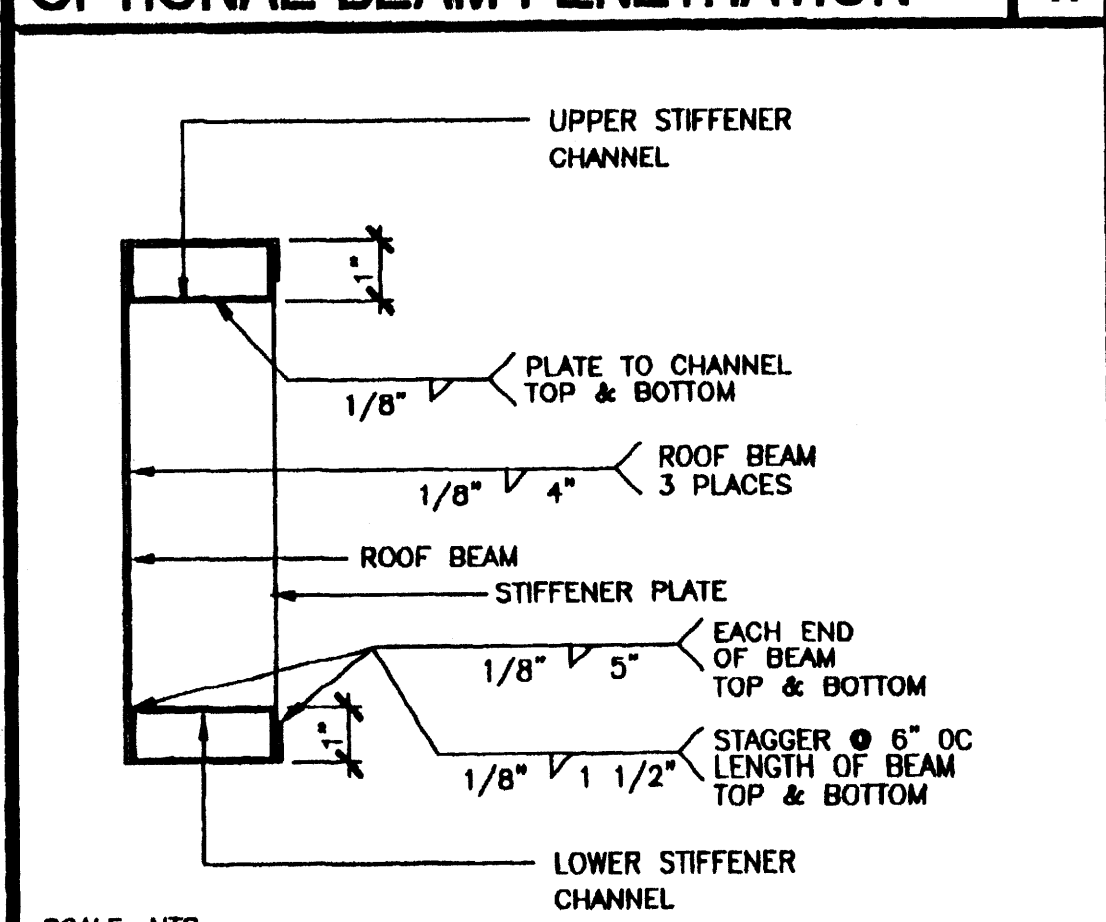
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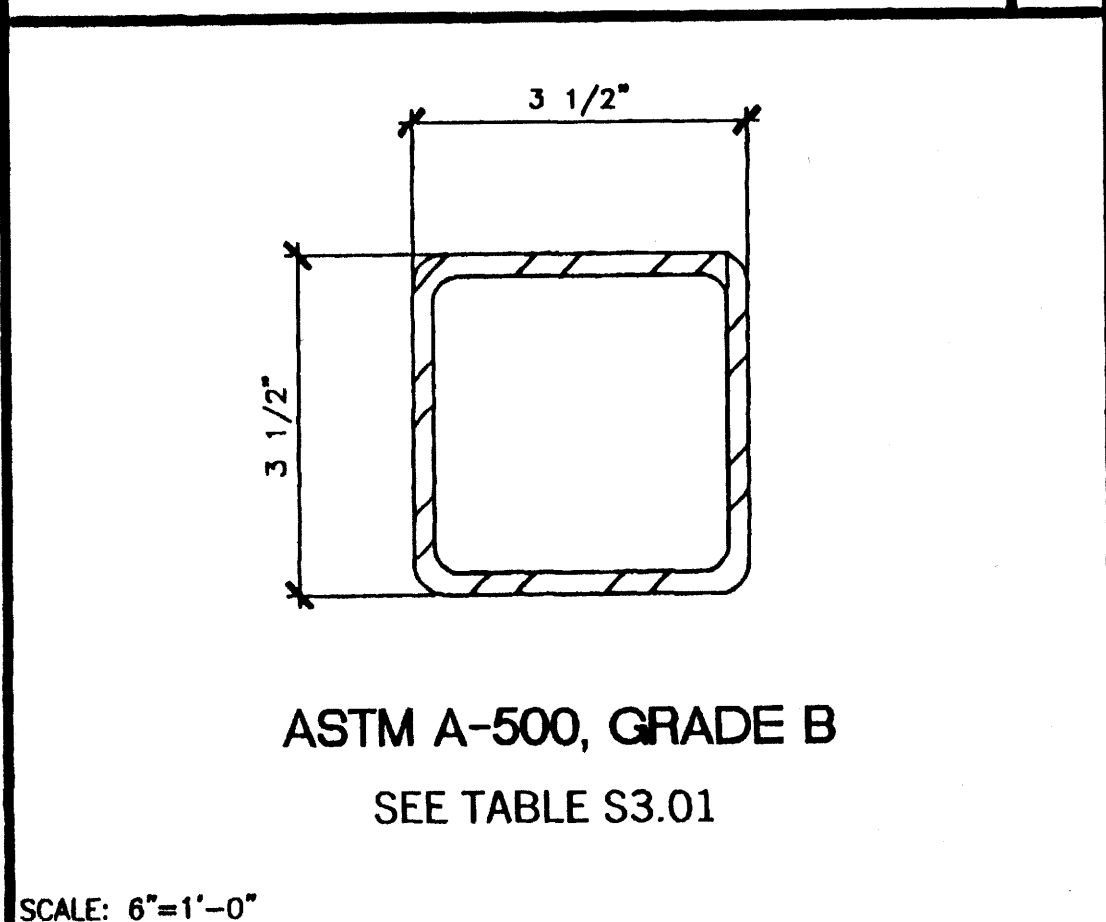
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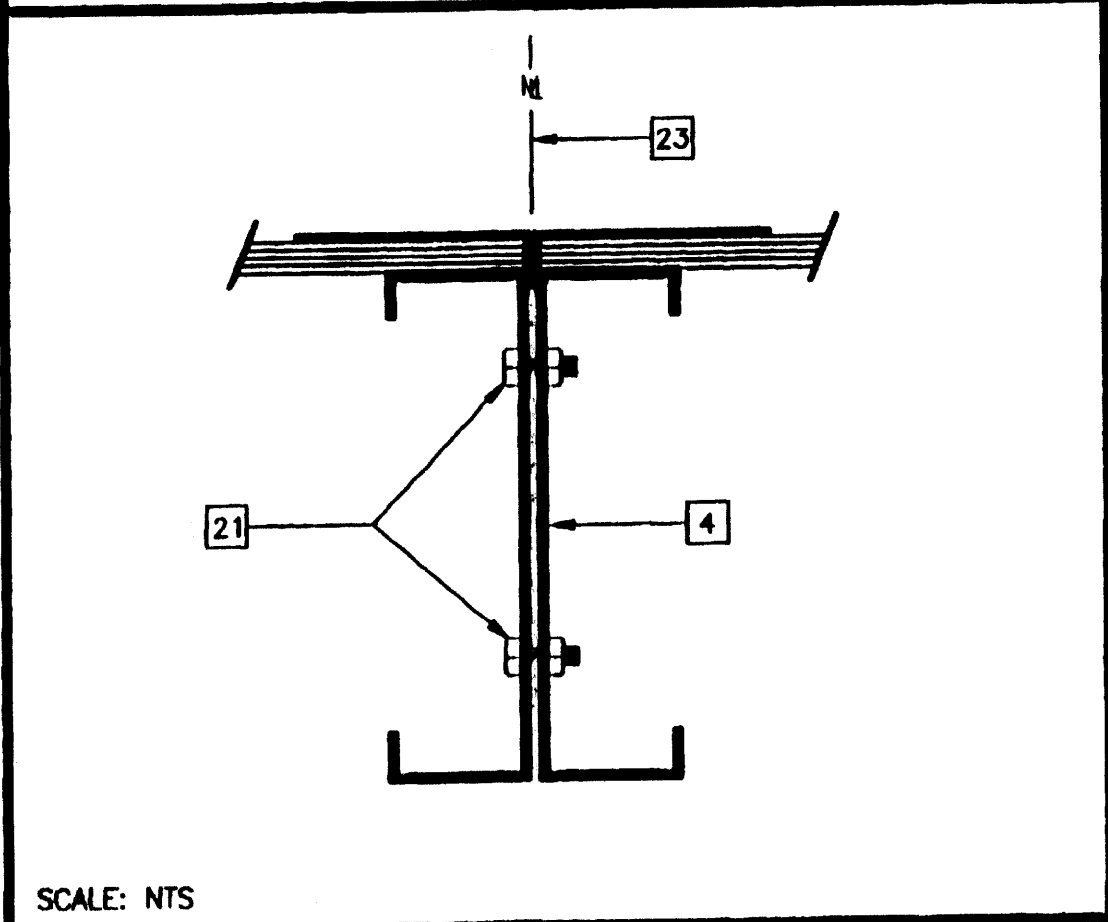
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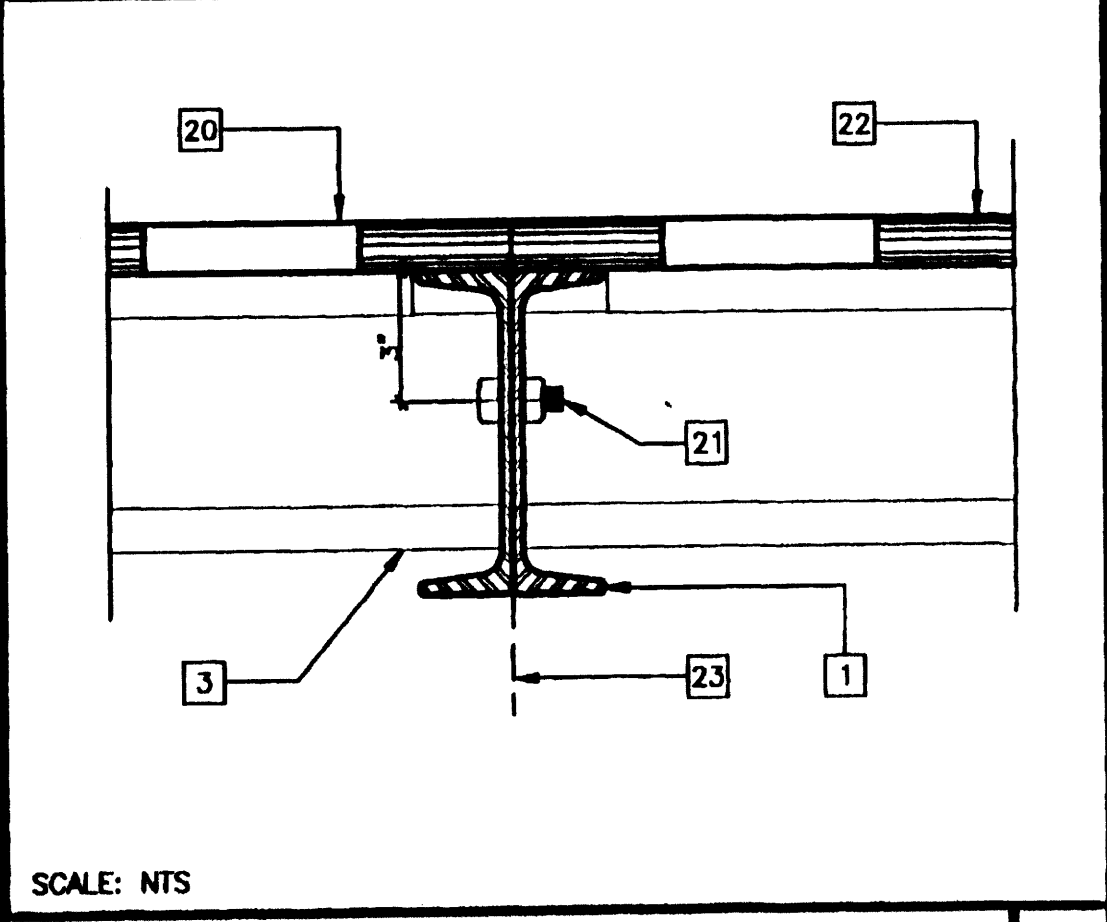
PENETRATION REINFORCEMENT



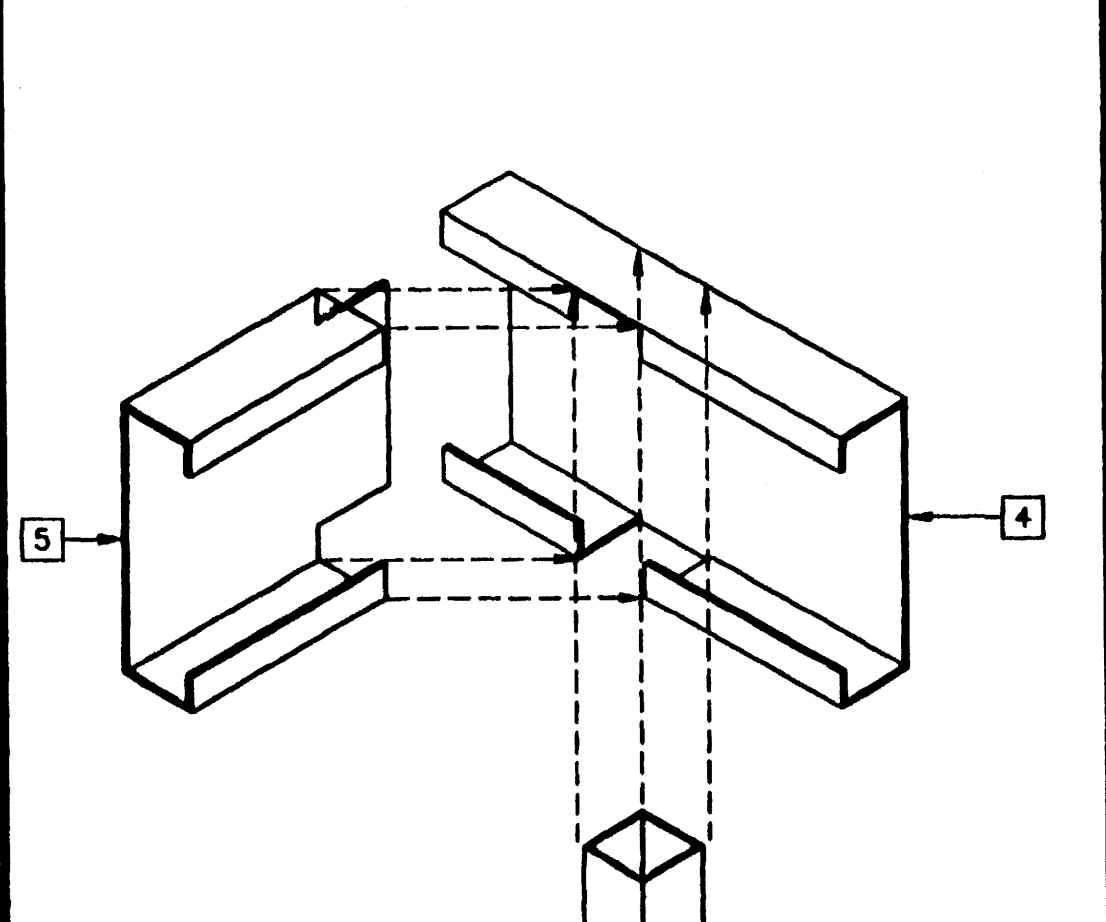
TUBE STEEL COLUMN/STIFFENER



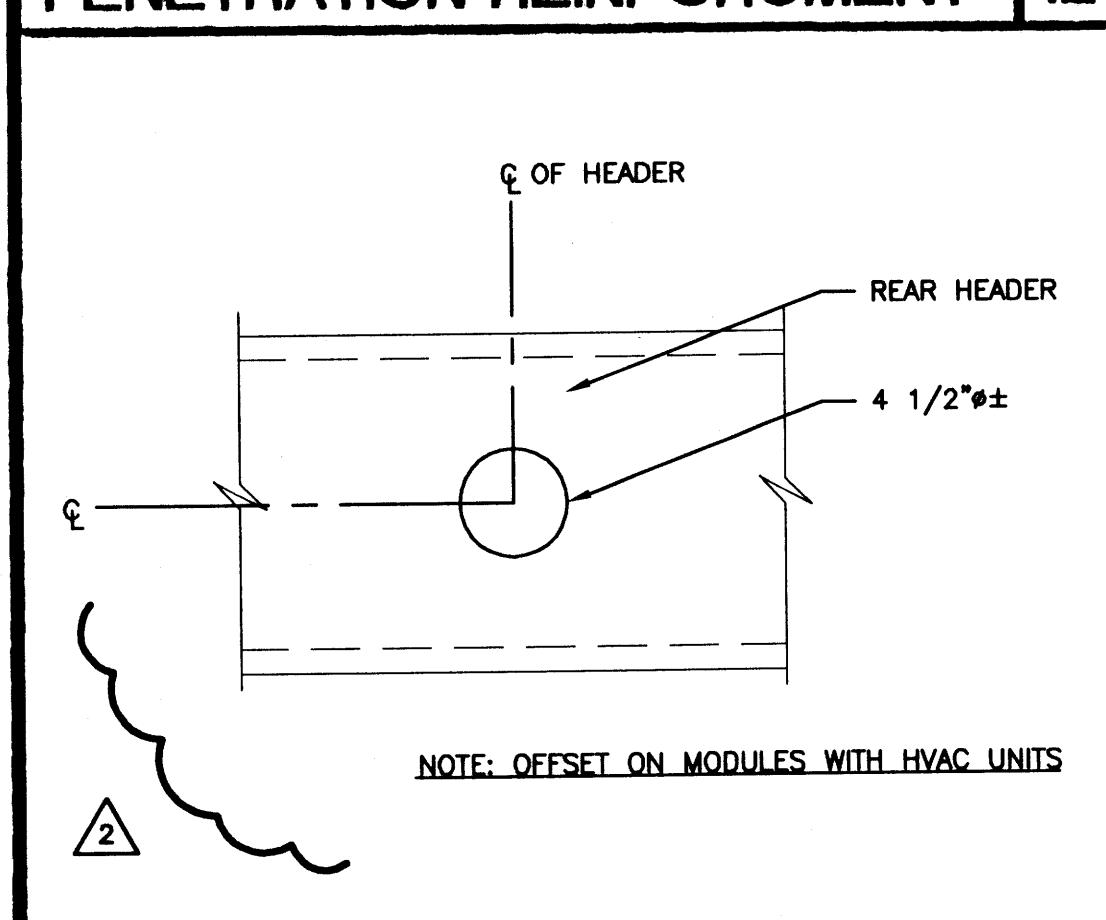
MODULE CONNECTION AT ROOF



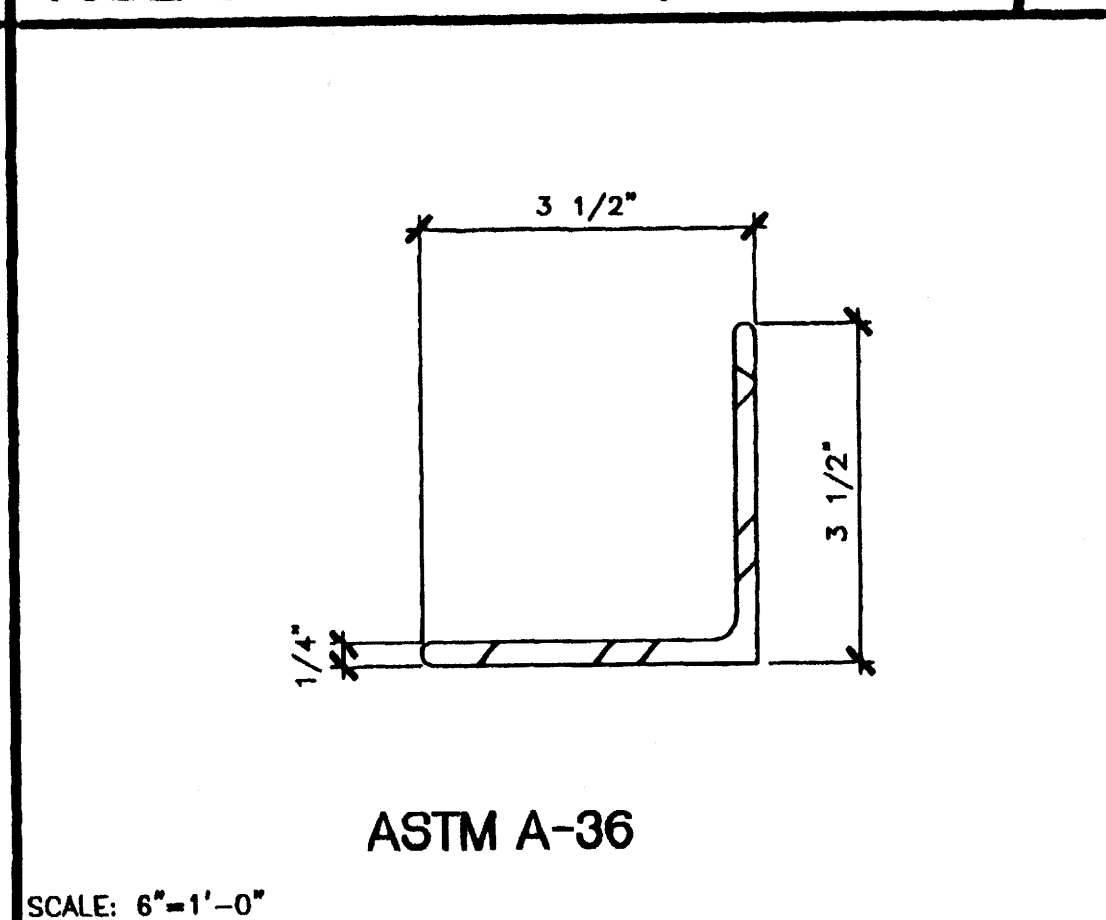
MODULE CONNECTION AT FLOOR



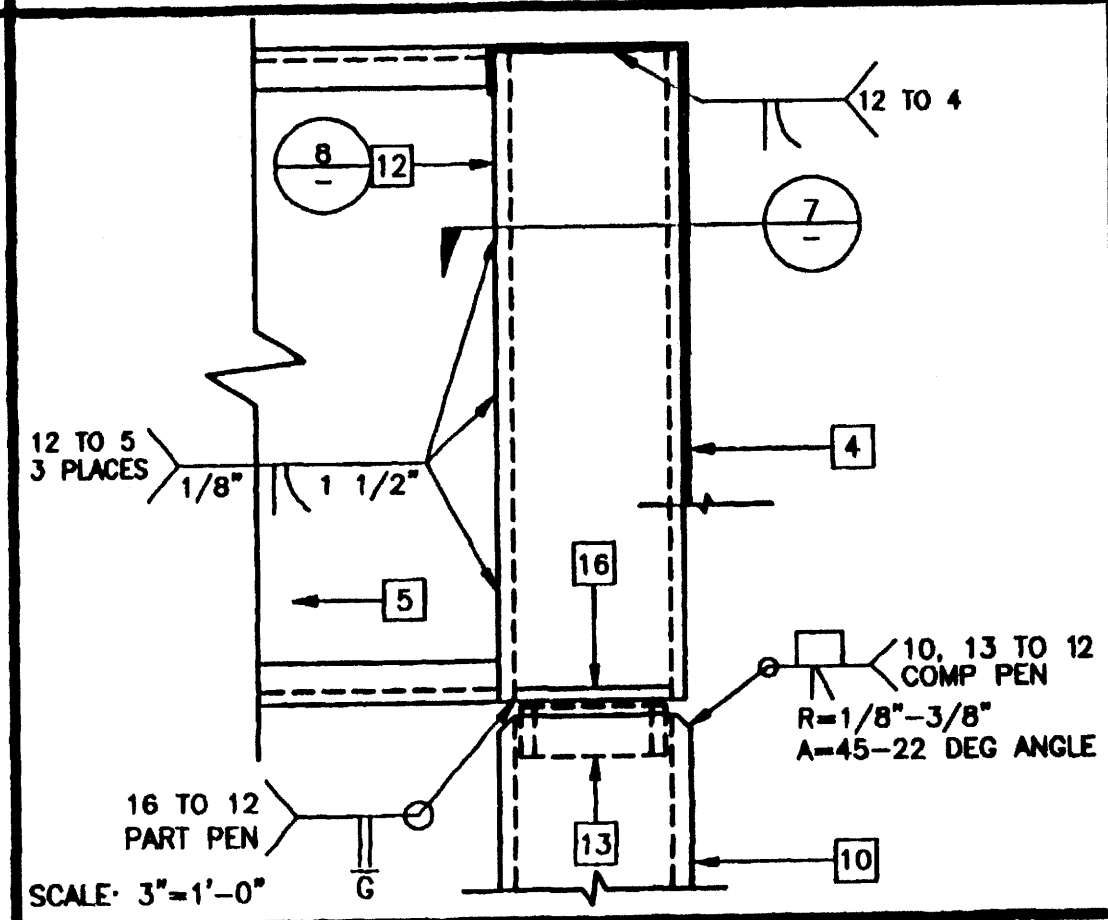
ATTIC RELIEF VENT



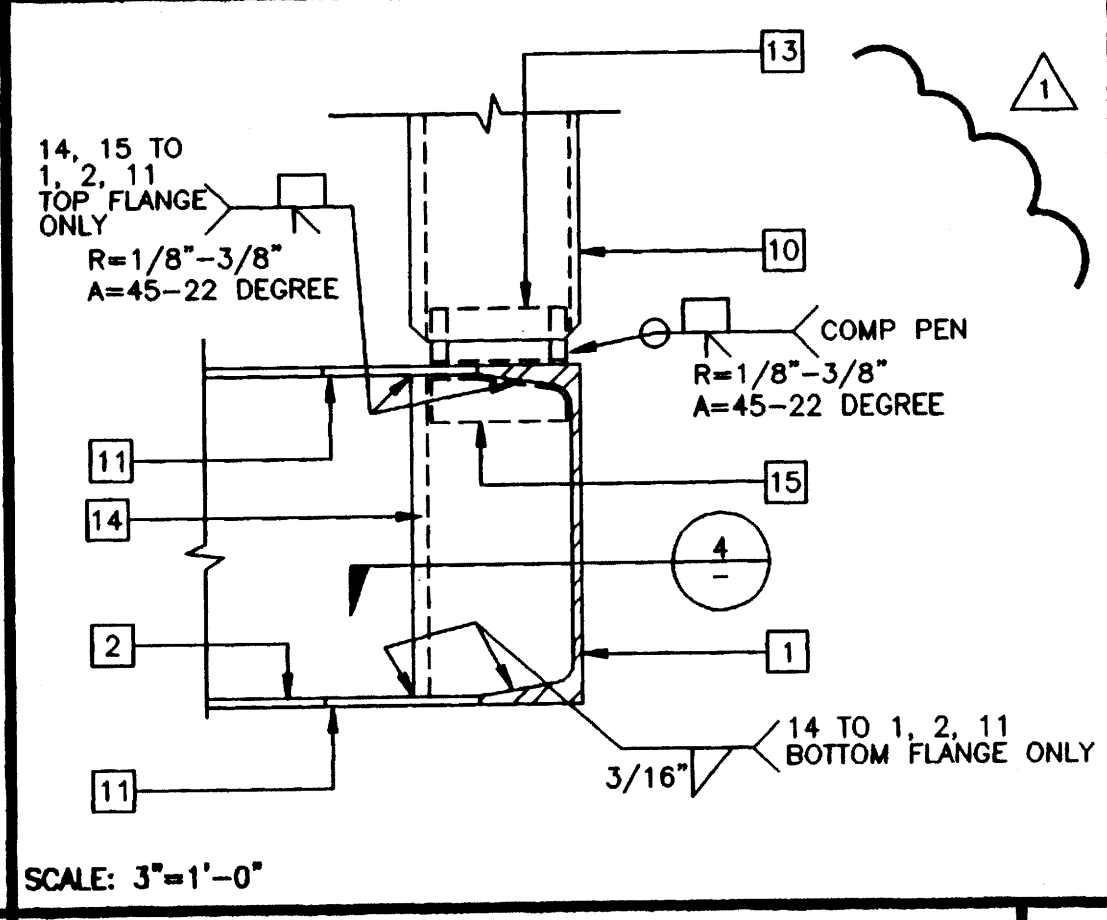
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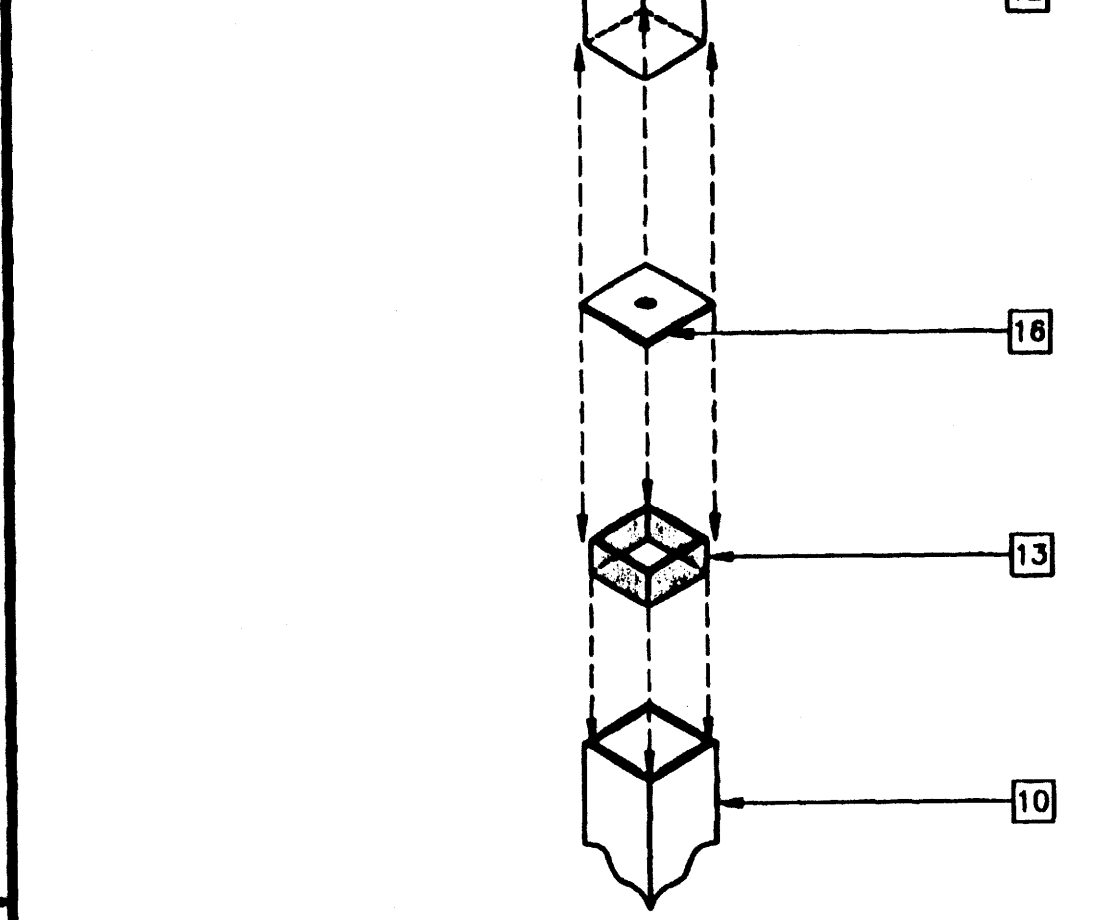
COLUMN AT ROOF



COLUMN AT FLOOR



STIFFENER AT FLOOR

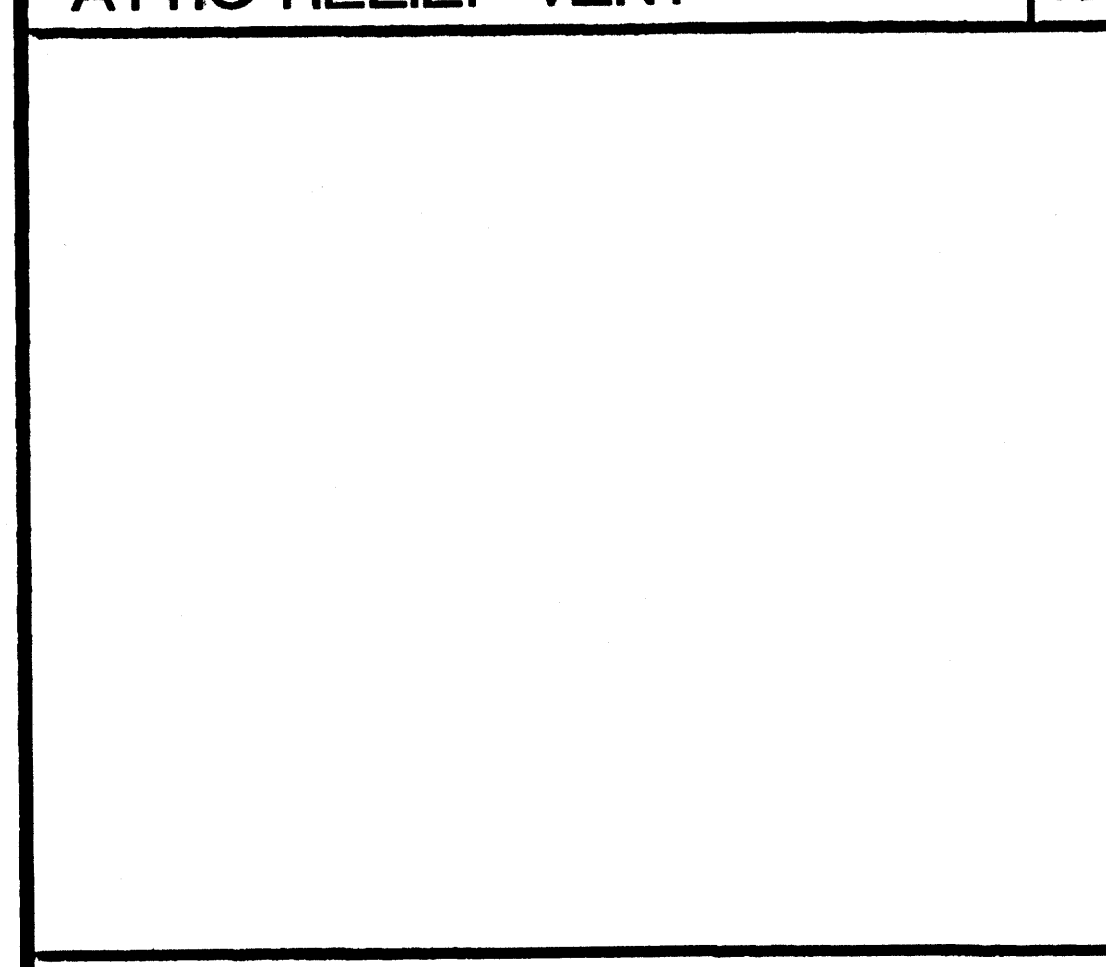


COLUMN AT FLOOR AND ROOF

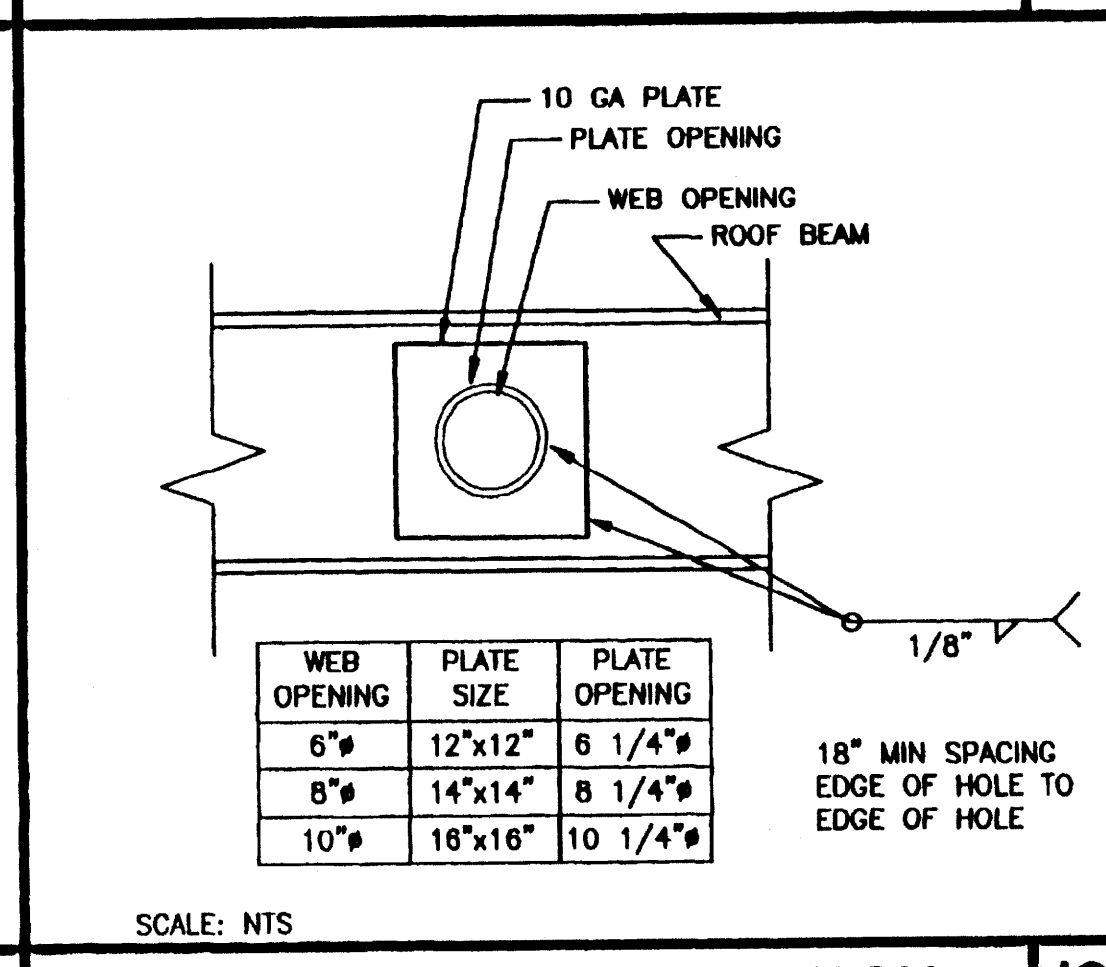
- KEY NOTES**
- FLOOR BEAM - 1/S1
 - FLOOR HEADER - 1/S1
 - FLOOR JOIST - 2/S1
 - TAPERED ROOF BEAM - 1/S2.01
 - ROOF HEADER - 2/S2.01
 - ROOF FASCIA AT 2'-6" OVERHANG - 3/S2.01
 - ROOF FASCIA AT 5'-0" OVERHANG - 3/S2.01
 - ROOF PURLIN - 4/S2.01
 - 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 9/S2.01
 - TUBE STEEL COLUMN, SEE TABLE BELOW, 8/S3.01
 - 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
 - 3"x3"x10 GA. TUBE STEEL BACK UP TUBE OR 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/S2.01
 - RIDGE
 - 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
 - ATTIC RELIEF VENT - SEE 13/-

COLUMN SIZE TABLE

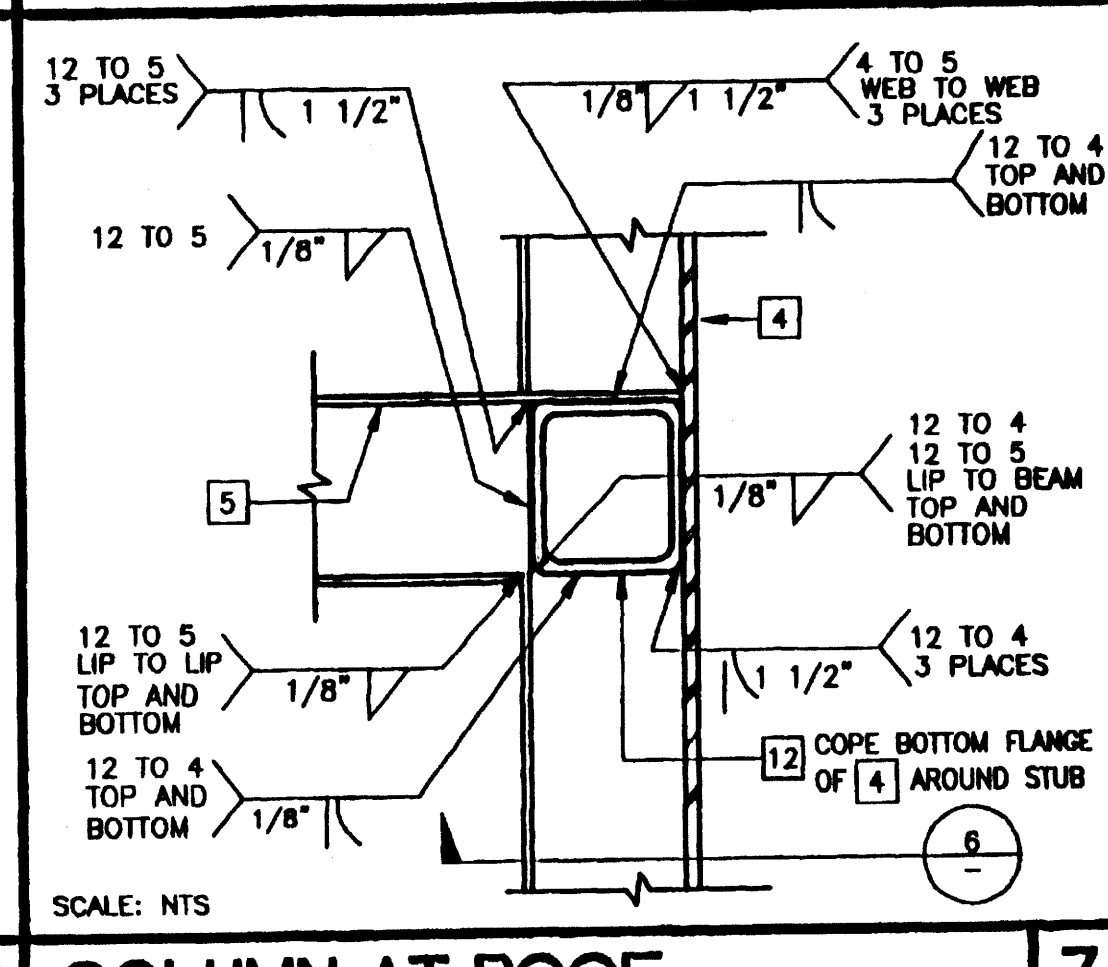
DESIGN WIND LOAD	COLUMN SIZE
70 MPH	3 1/2"x3 1/2"x5/16"
80 MPH	3 1/2"x3 1/2"x5/16"



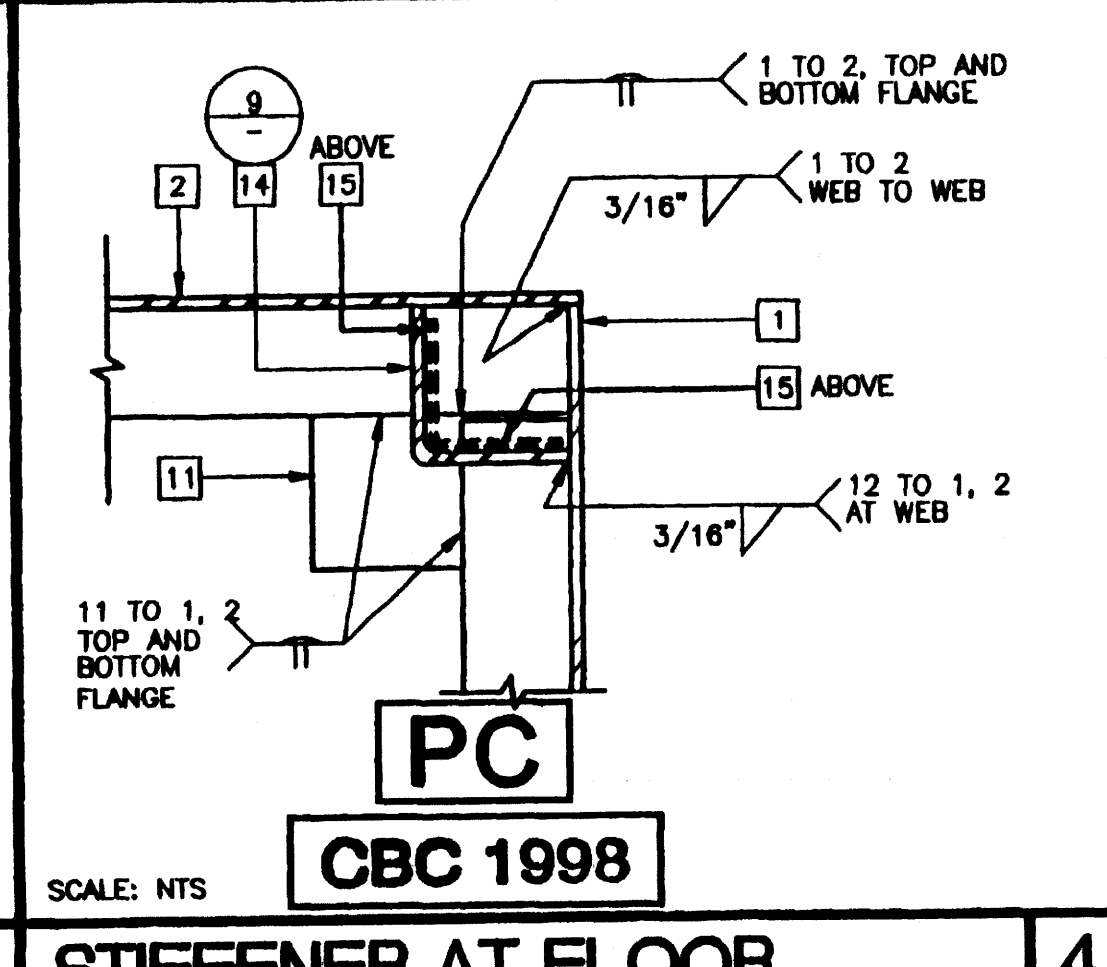
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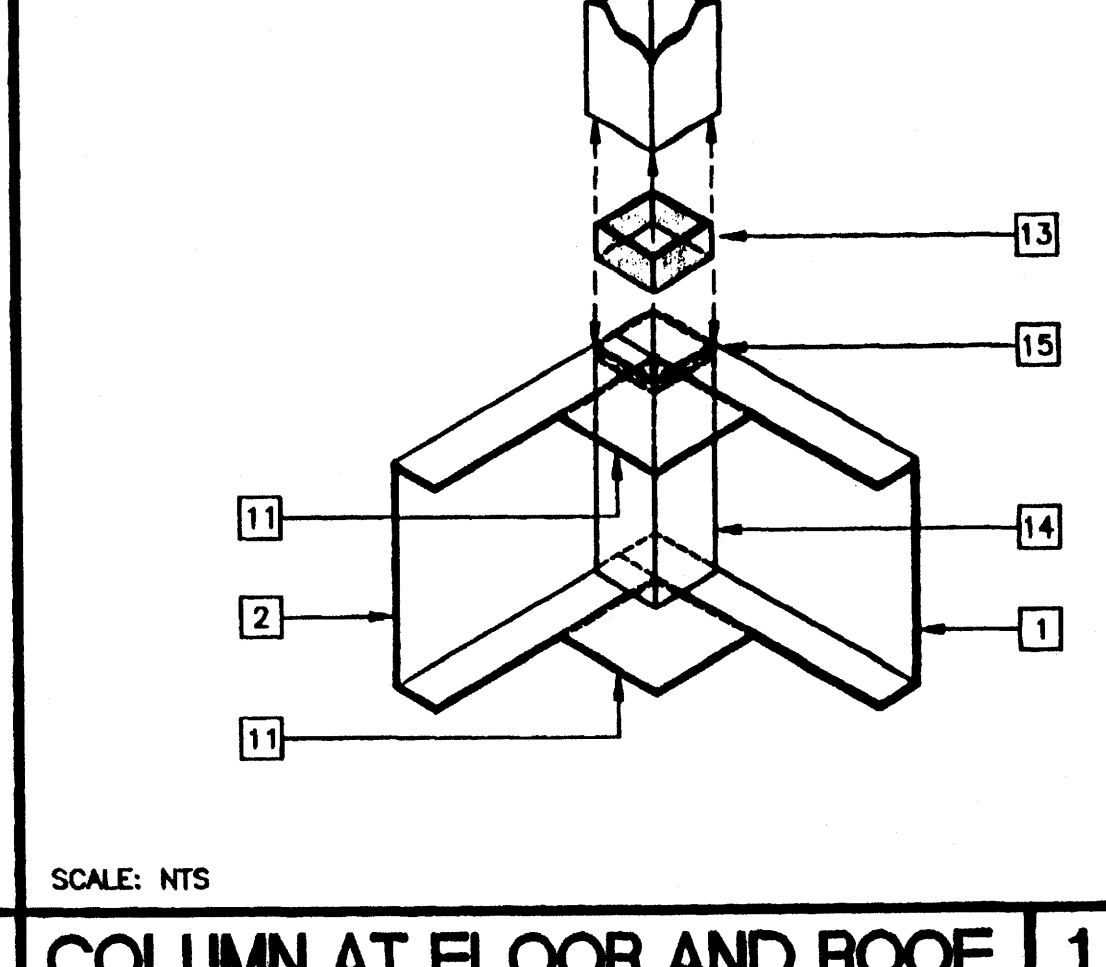
COLUMN AT ROOF



COLUMN AT FLOOR



STIFFENER AT FLOOR



COLUMN AT FLOOR AND ROOF

REVISIONS

NO.	DESCRIPTION	DATE
1	CHANGED FLANGE WELD CALL OUT DET 3	11/9/00
2	ADDED ATTIC RELIEF INFO	04/08/02

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 SEP 07 2000
REVISED NOV 09 2000

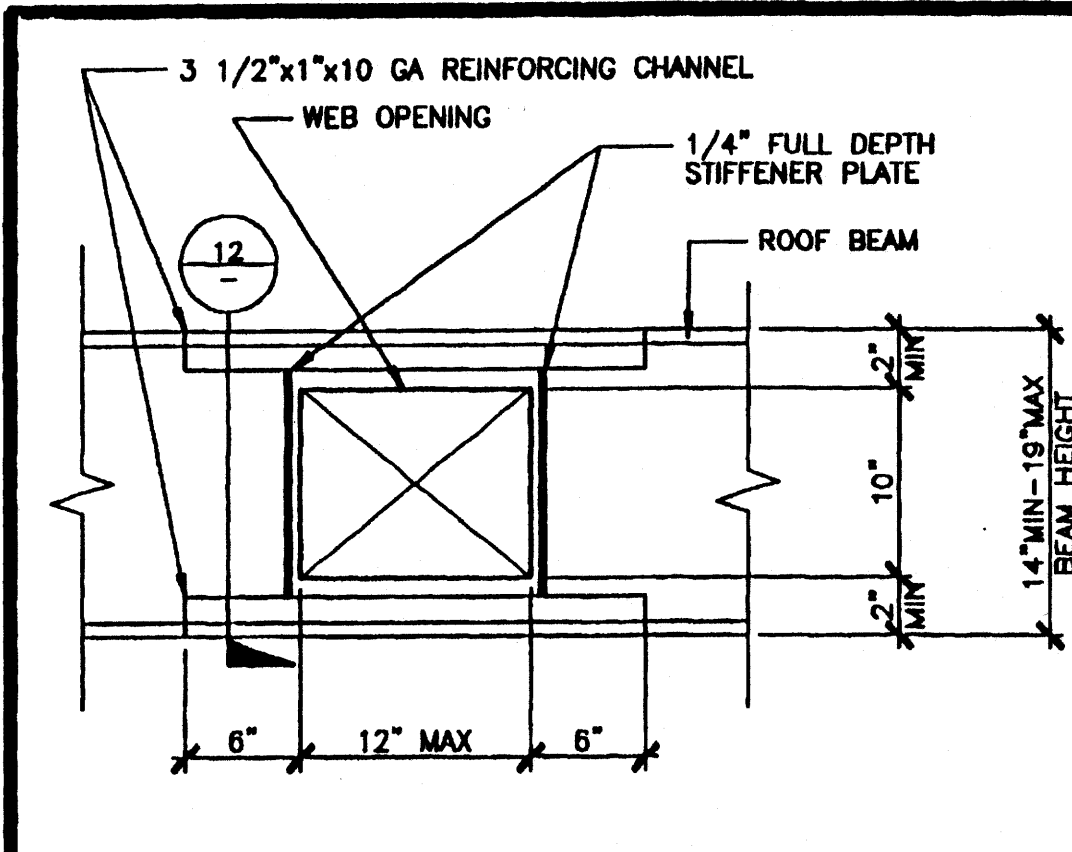
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134, 4153, 4173 4302. © MODTECH, INC. 2001
4304, 4307

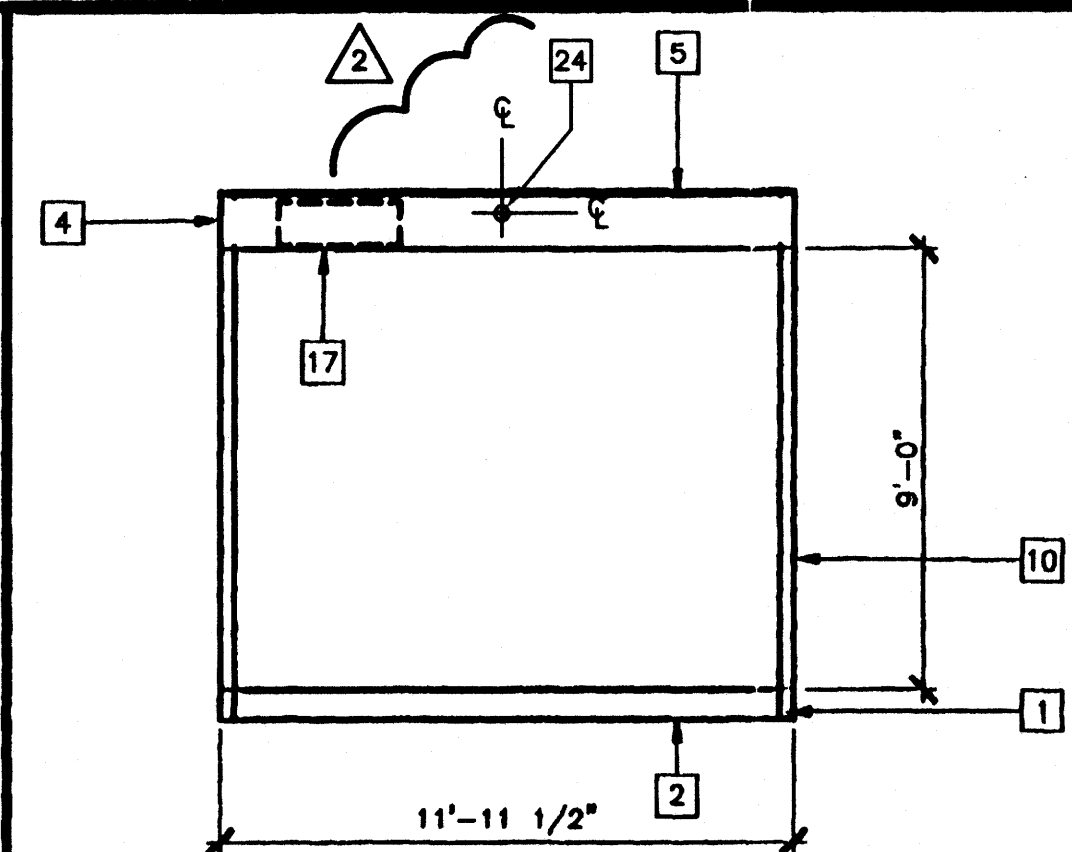
DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
S3.01

STRUCTURAL FRAMING 26 GA DUAL PITCH

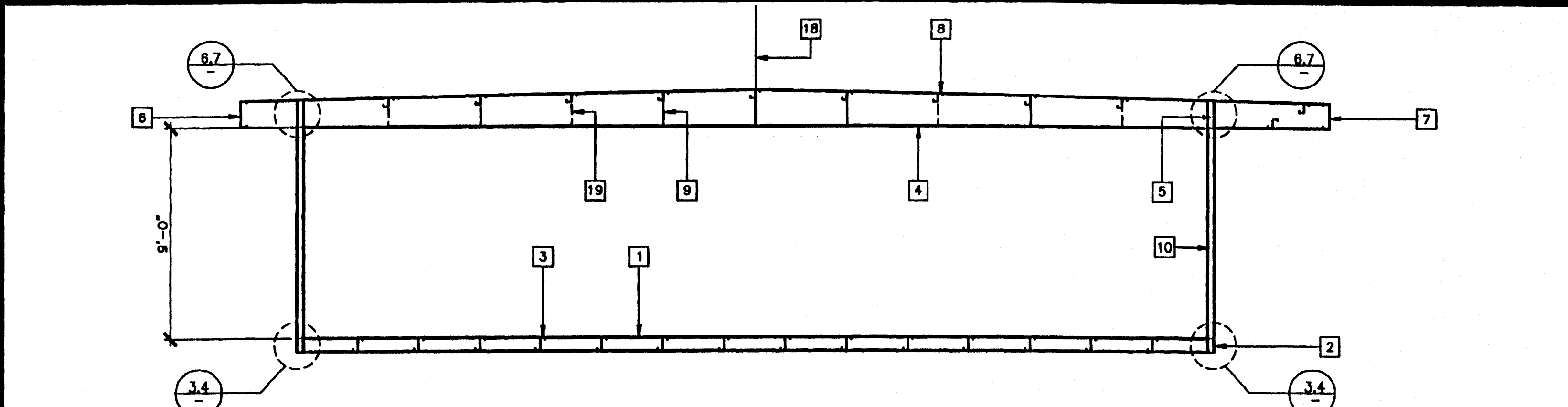
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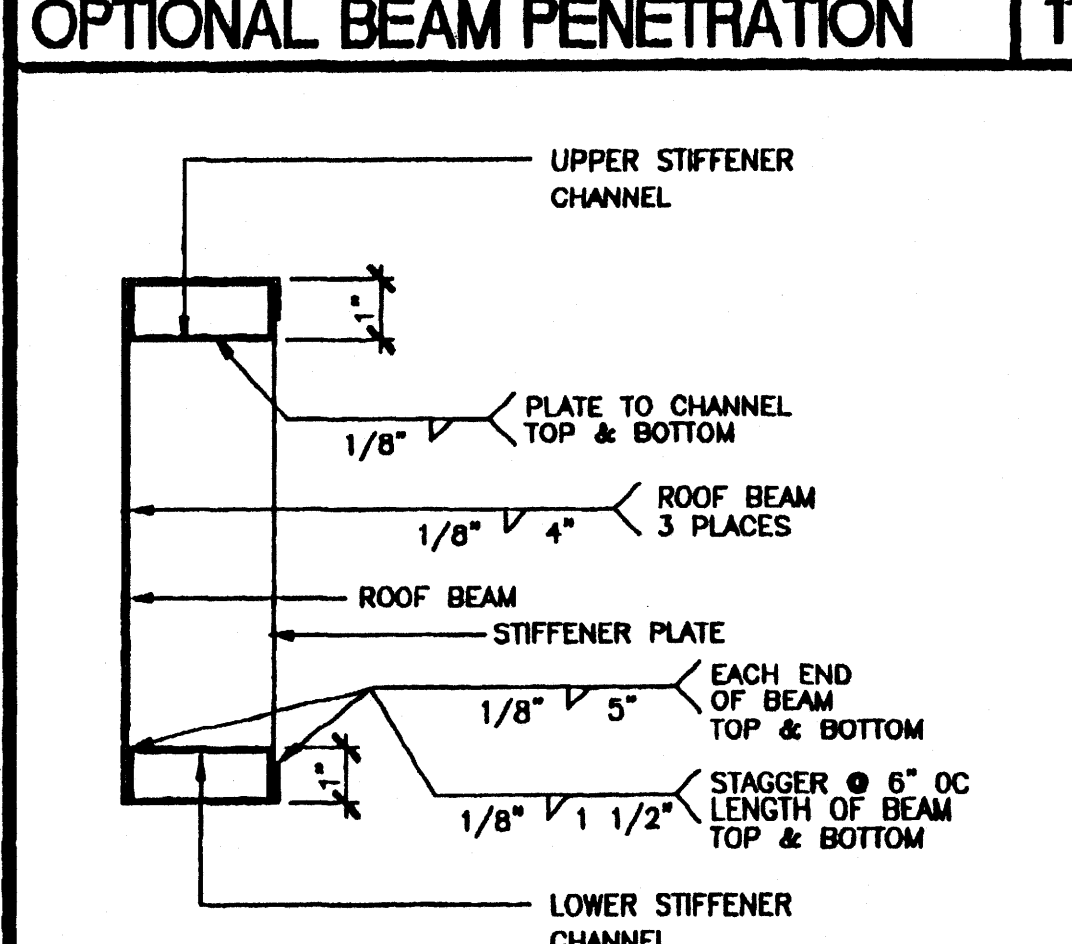
OPTIONAL BEAM PENETRATION 11



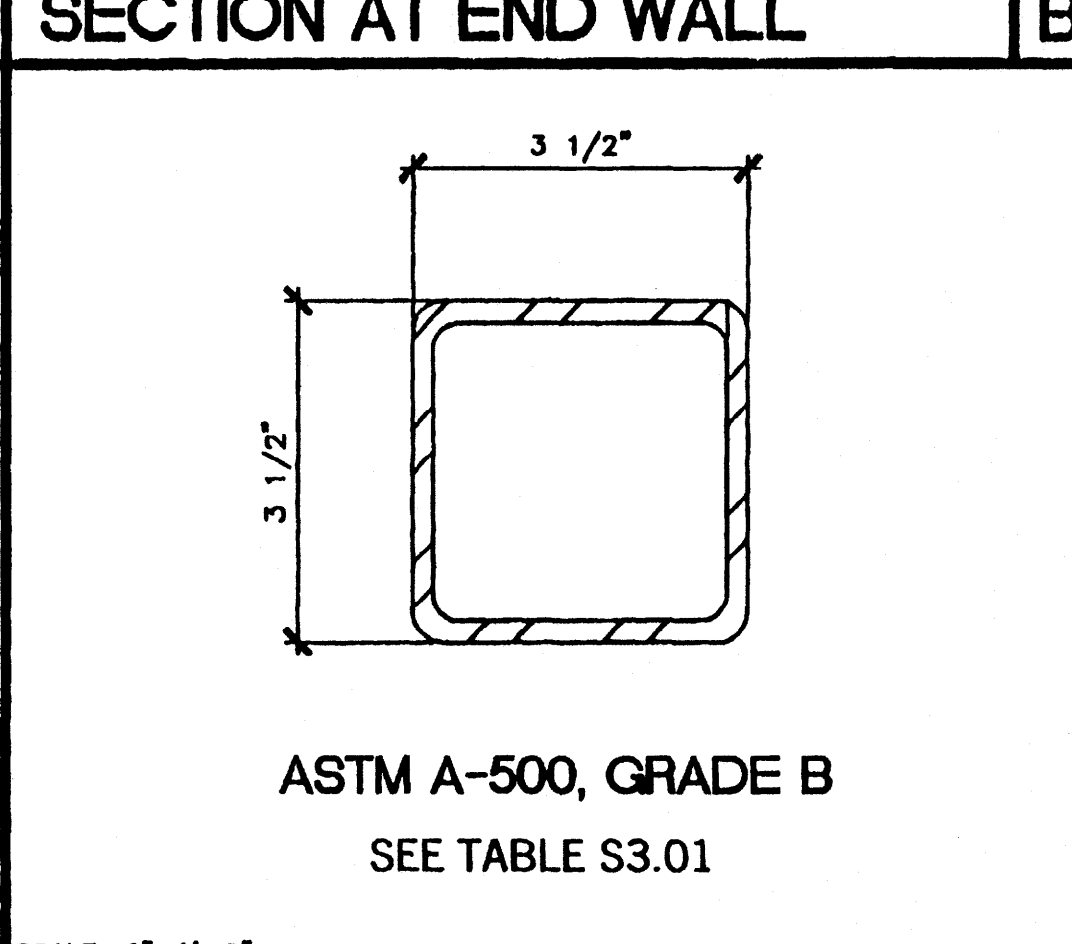
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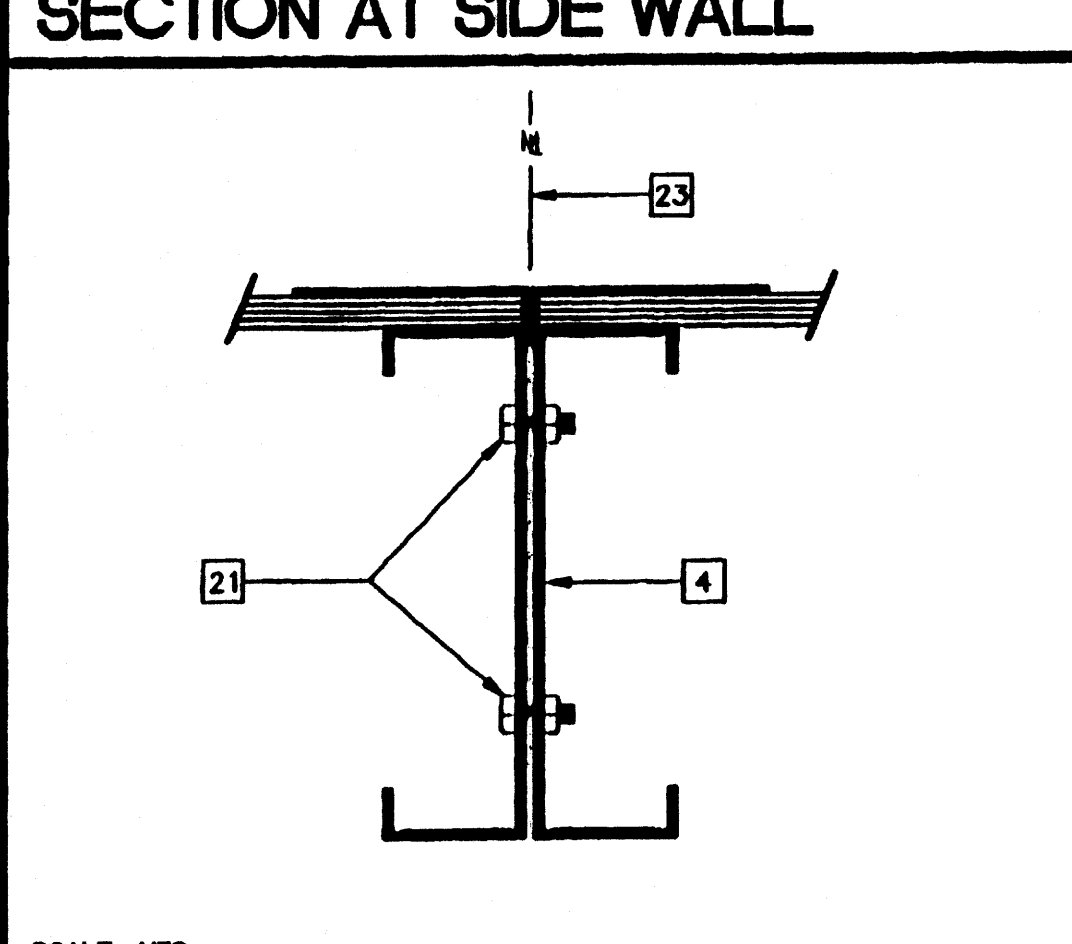
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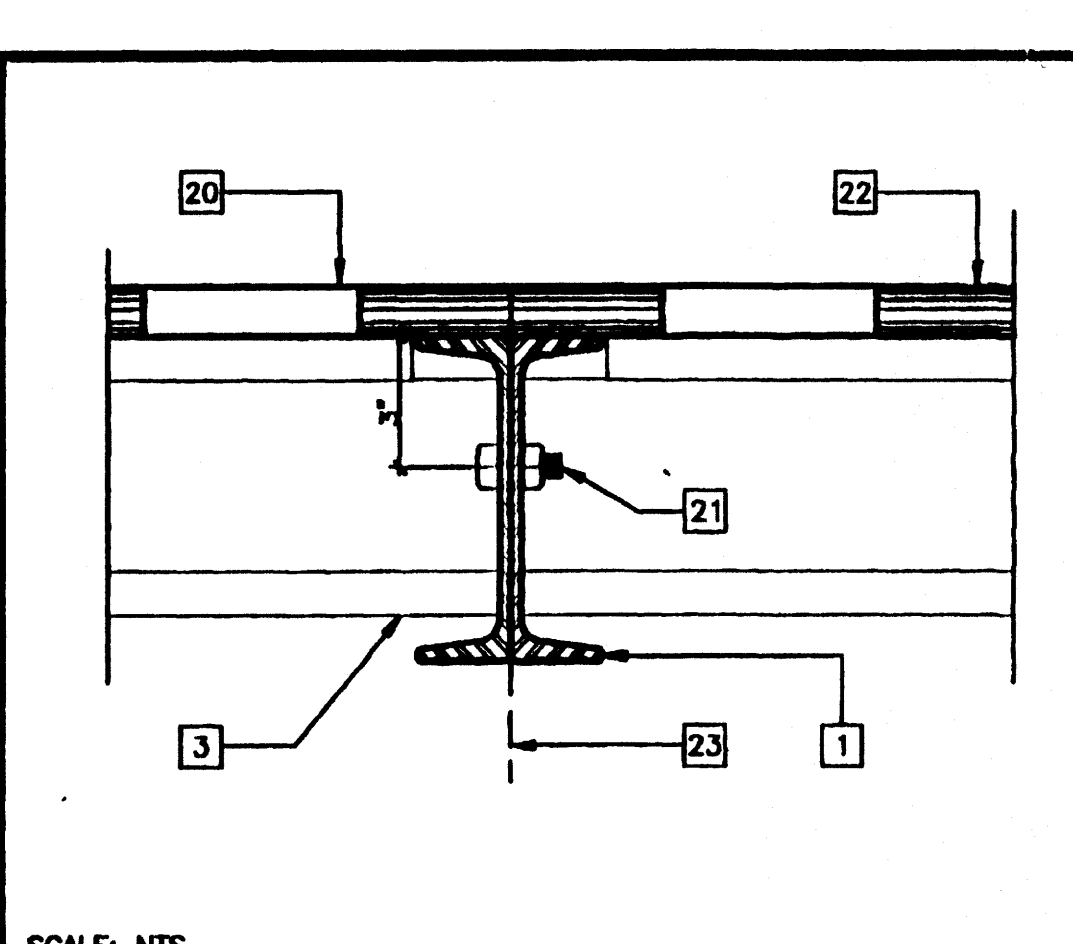
PENETRATION REINFORCEMENT 12



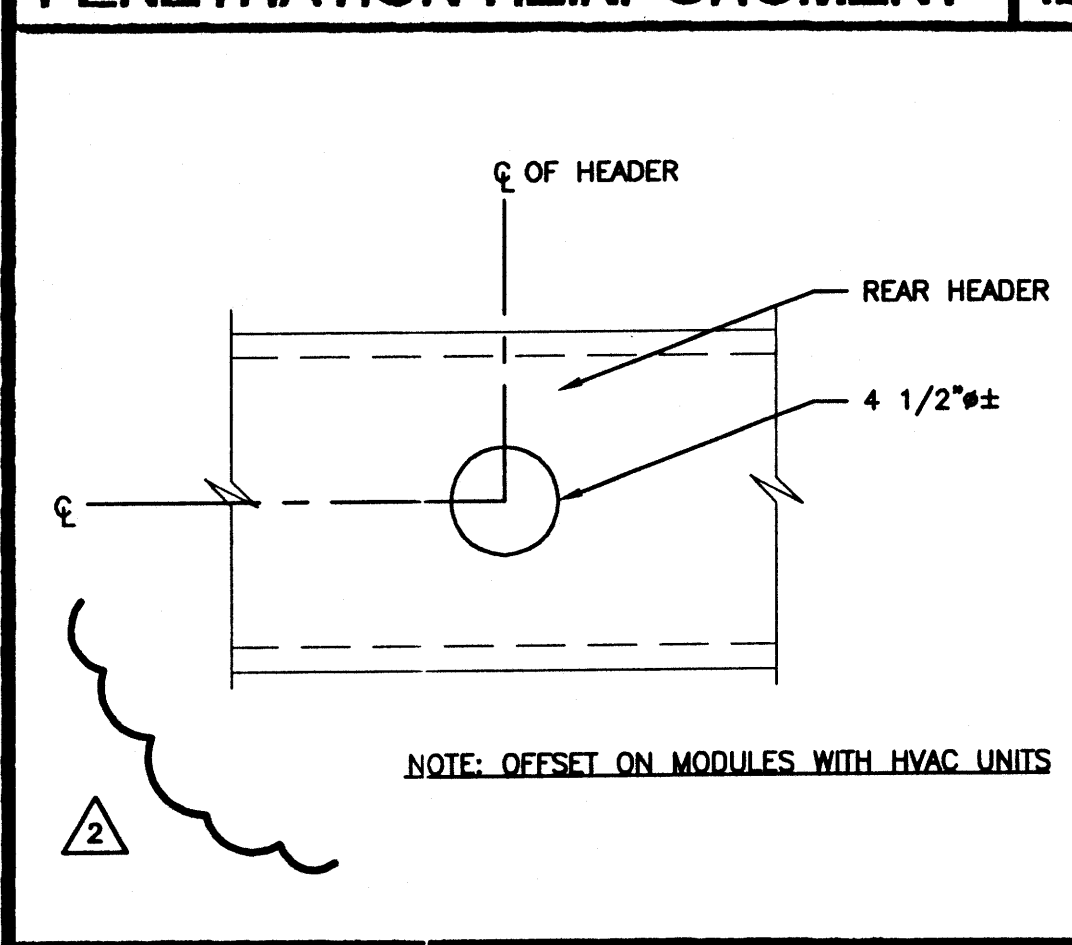
TUBE STEEL COLUMN/STIFFENER 8



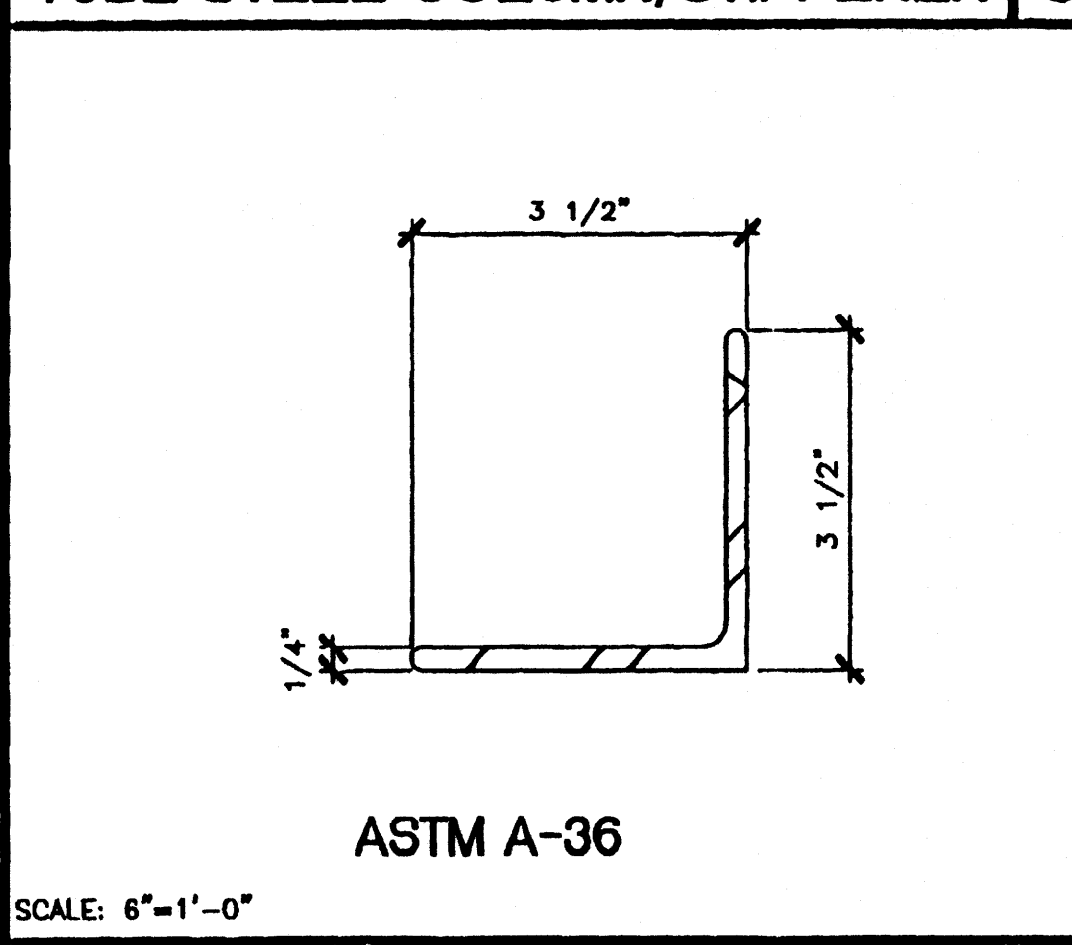
MODULE CONNECTION AT ROOF 5



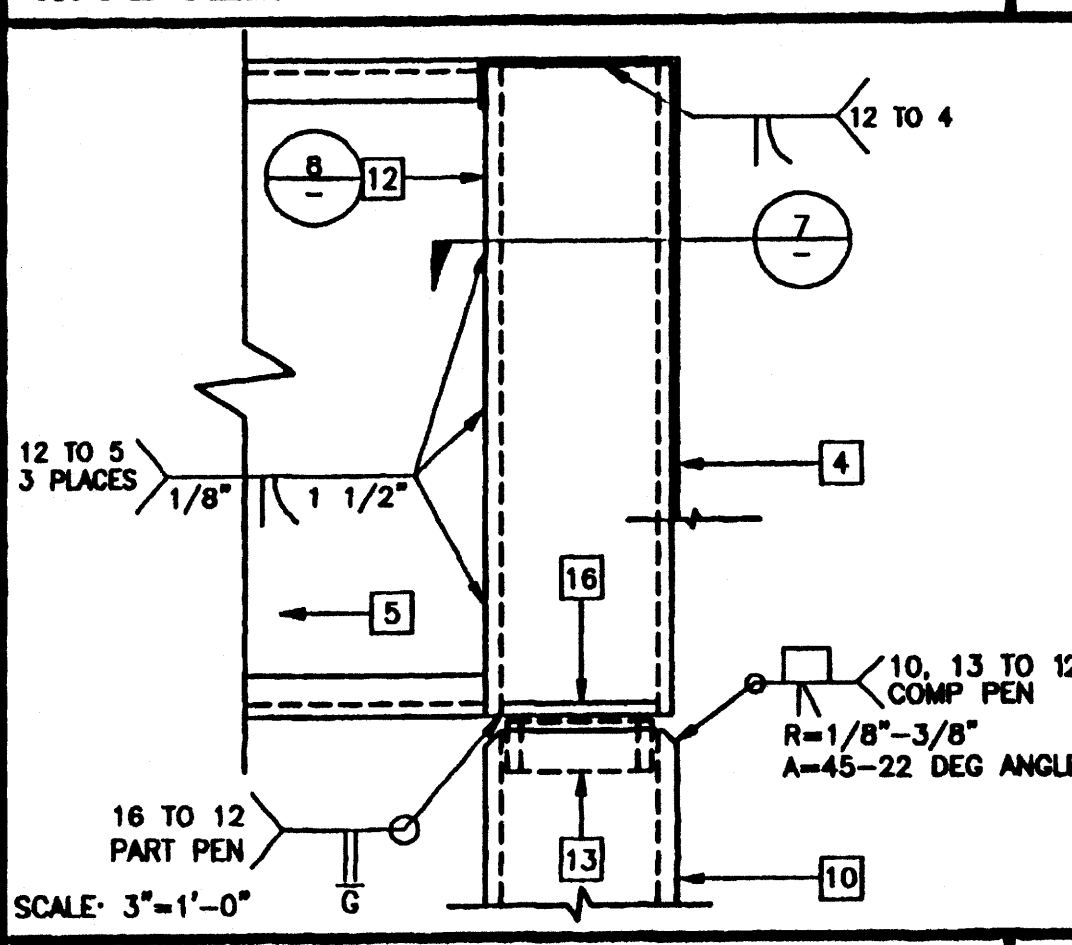
MODULE CONNECTION AT FLOOR 2



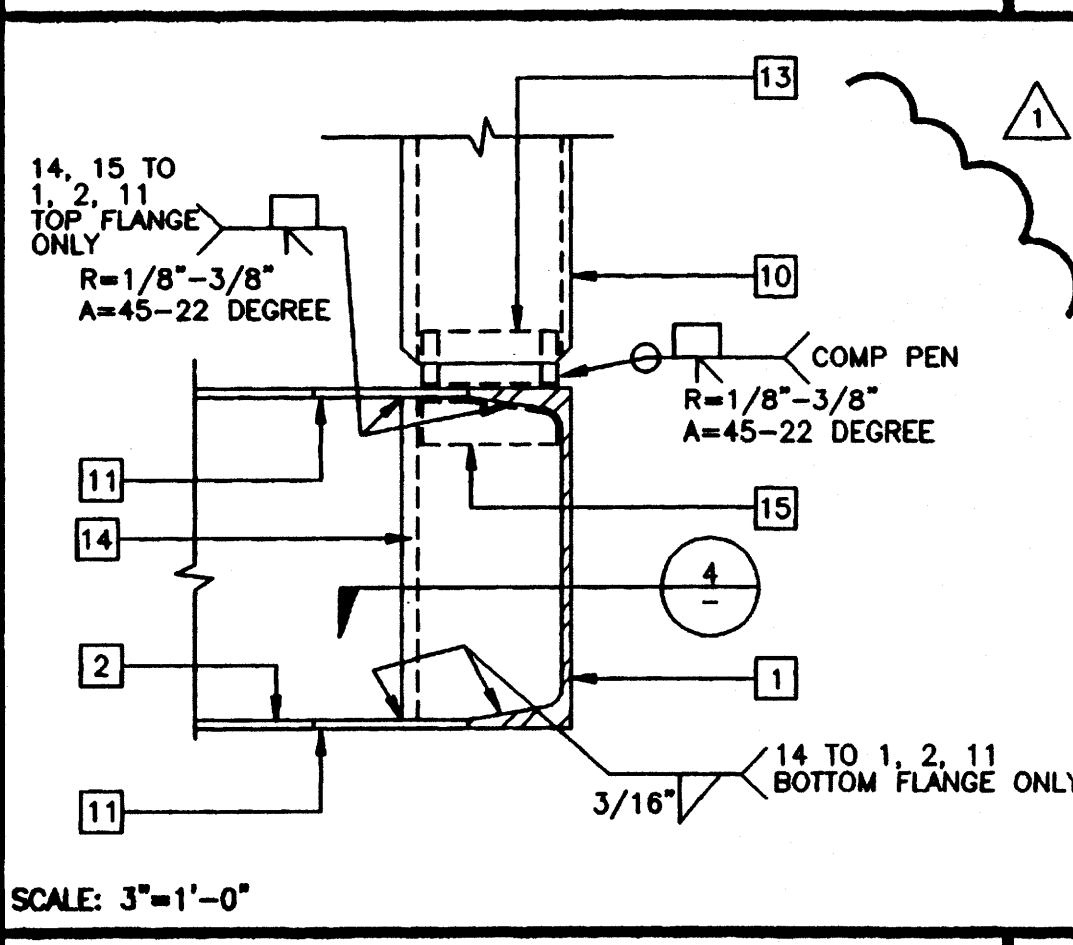
ATTIC RELIEF VENT 13



STIFFENER ANGLE 9



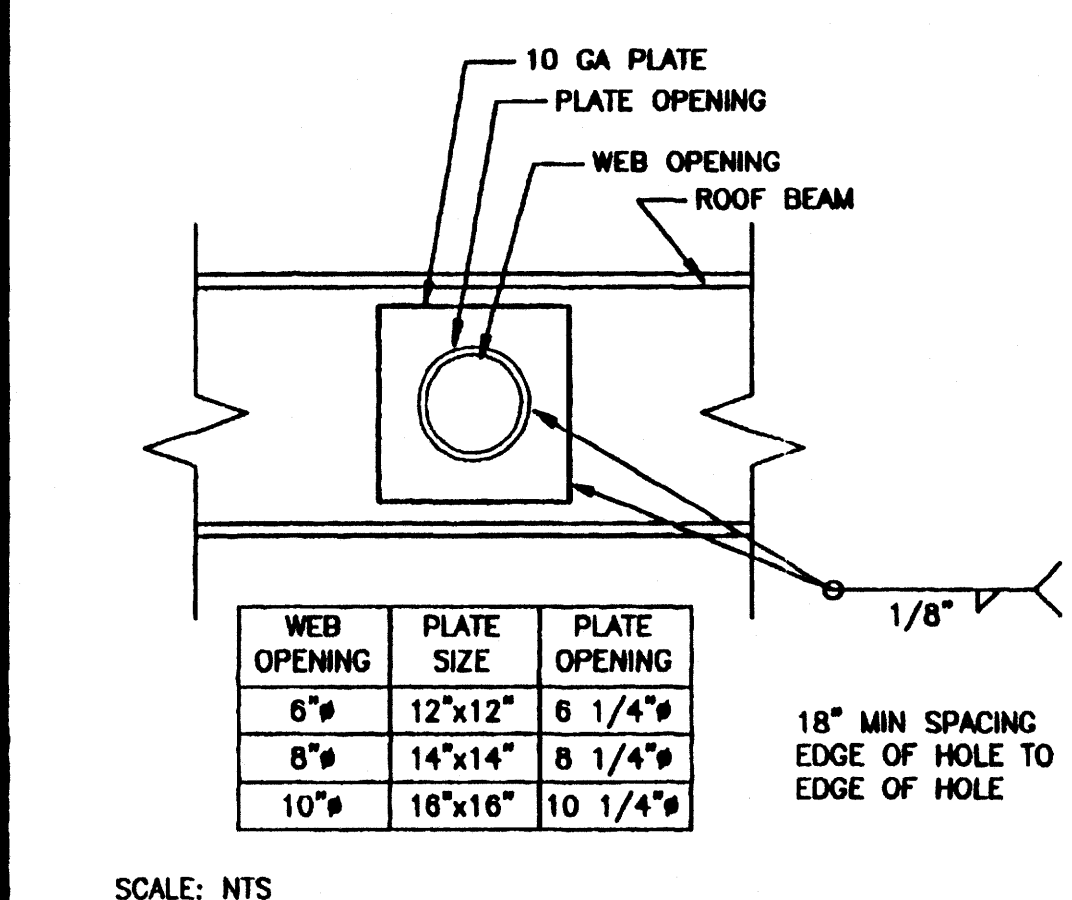
COLUMN AT ROOF 6



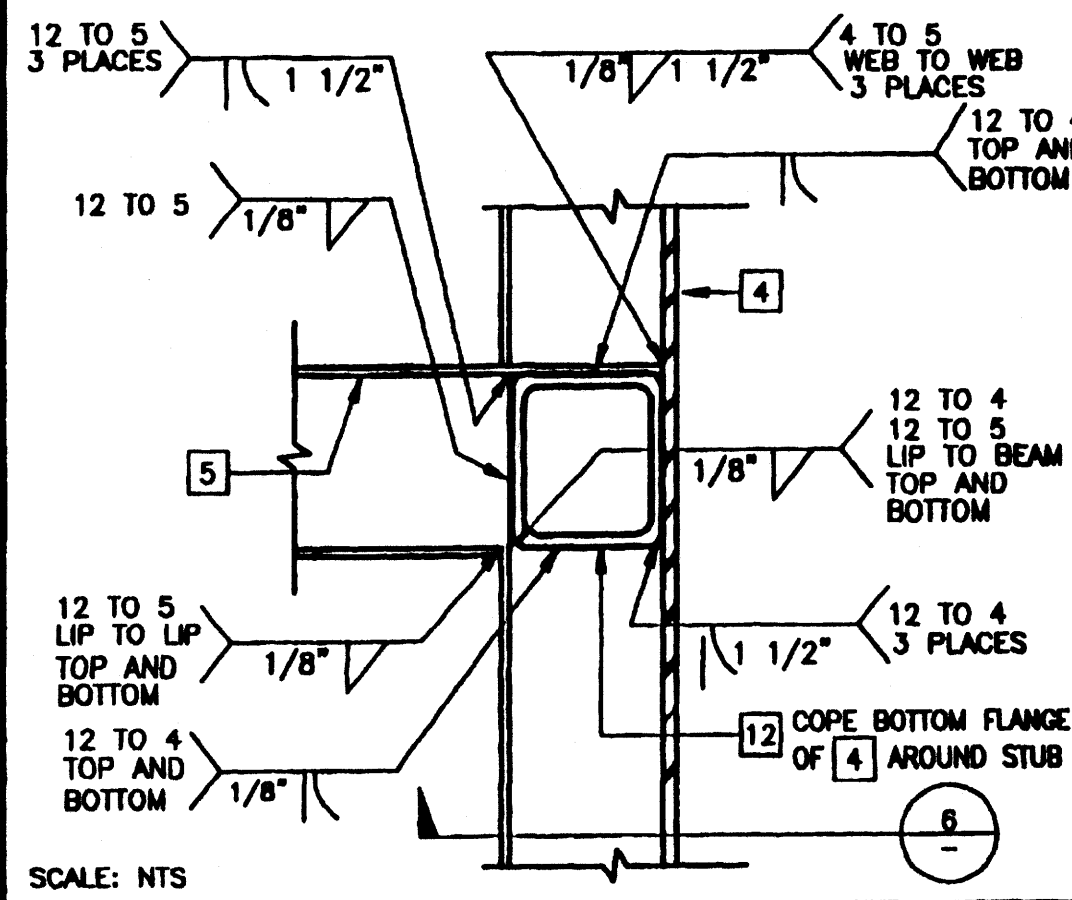
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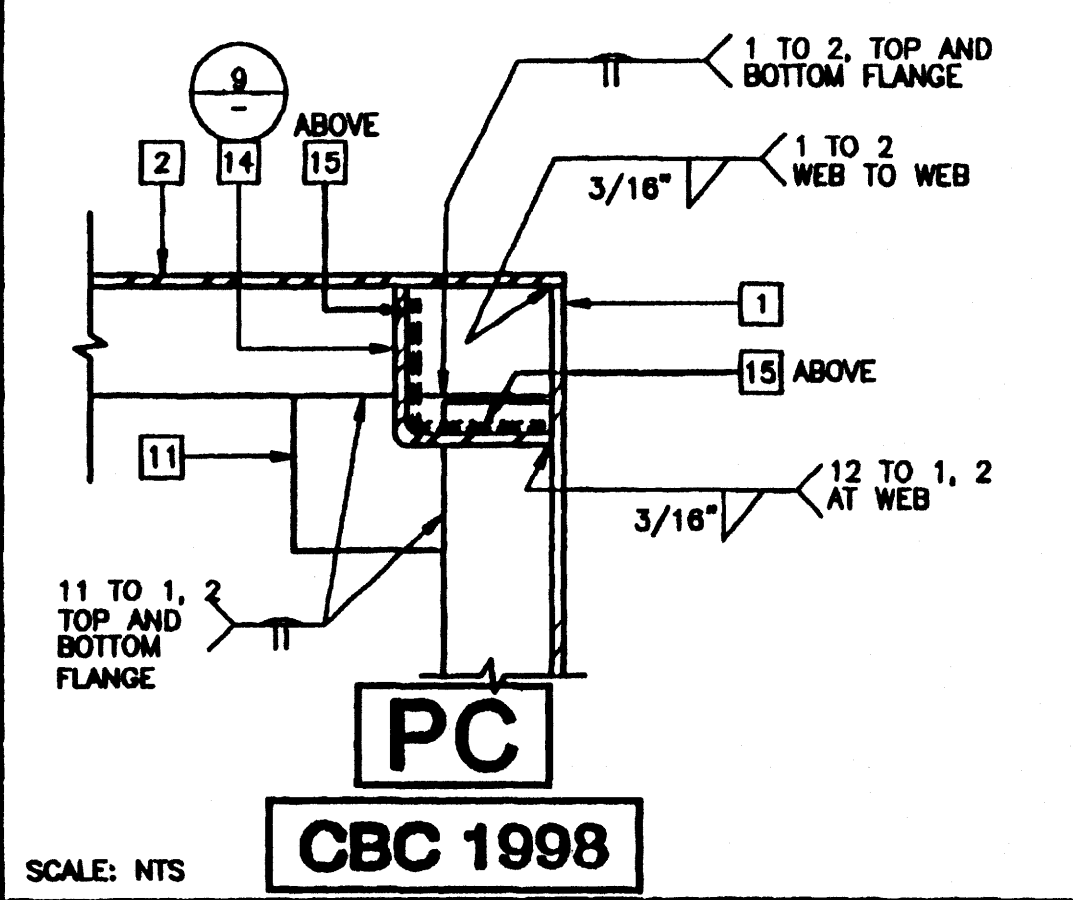
OPTIONAL BEAM PENETRATION 10



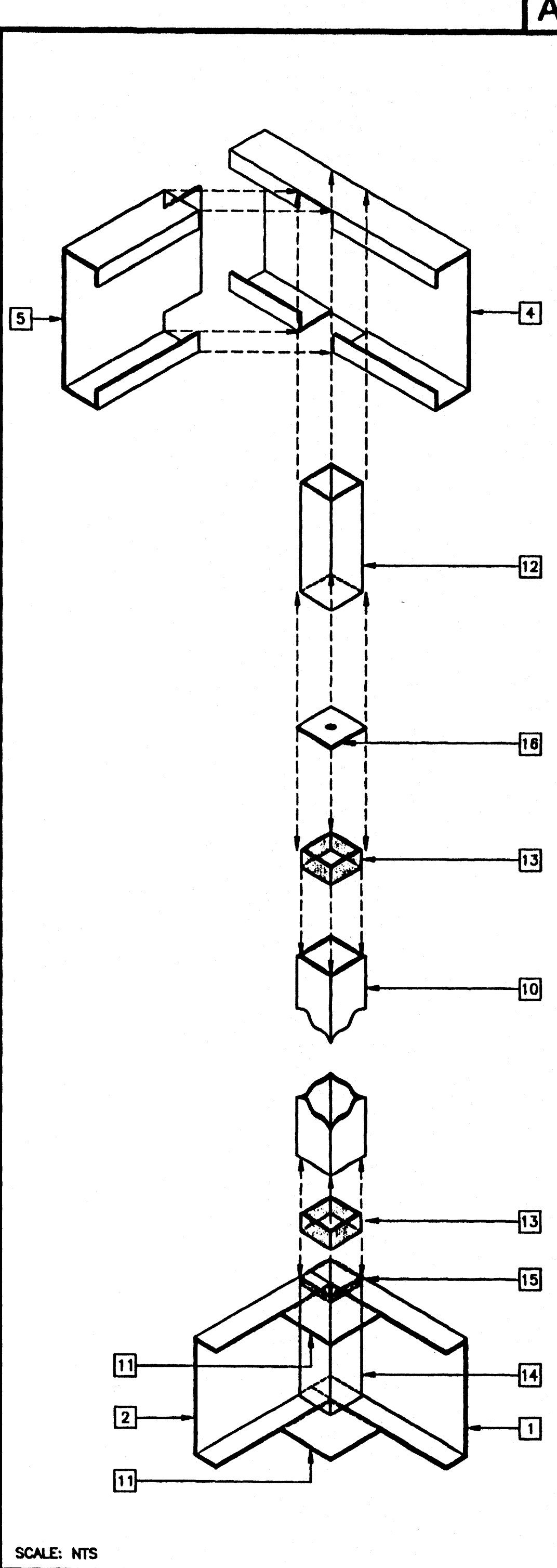
COLUMN AT ROOF 7



STIFFENER AT FLOOR 4



COLUMN AT FLOOR AND ROOF 1



KEY NOTES

- FLOOR BEAM - 1/S1
- FLOOR HEADER - 1/S1
- FLOOR JOIST - 2/S1
- TAPERED ROOF BEAM - 1/S2.01
- ROOF HEADER - 2/S2.01
- ROOF FASCIA AT 2'-6" OVERHANG - 3/S2.01
- ROOF FASCIA AT 5'-0" OVERHANG - 3/S2.01
- ROOF PURLIN - 4/S2.01
- 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 9/S2.01
- TUBE STEEL COLUMN, SEE TABLE BELOW, 8/S3.01
- 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/S2.01
- RIDGE
- 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
- ATTIC RELIEF VENT - SEE 13/-

COLUMN SIZE TABLE

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

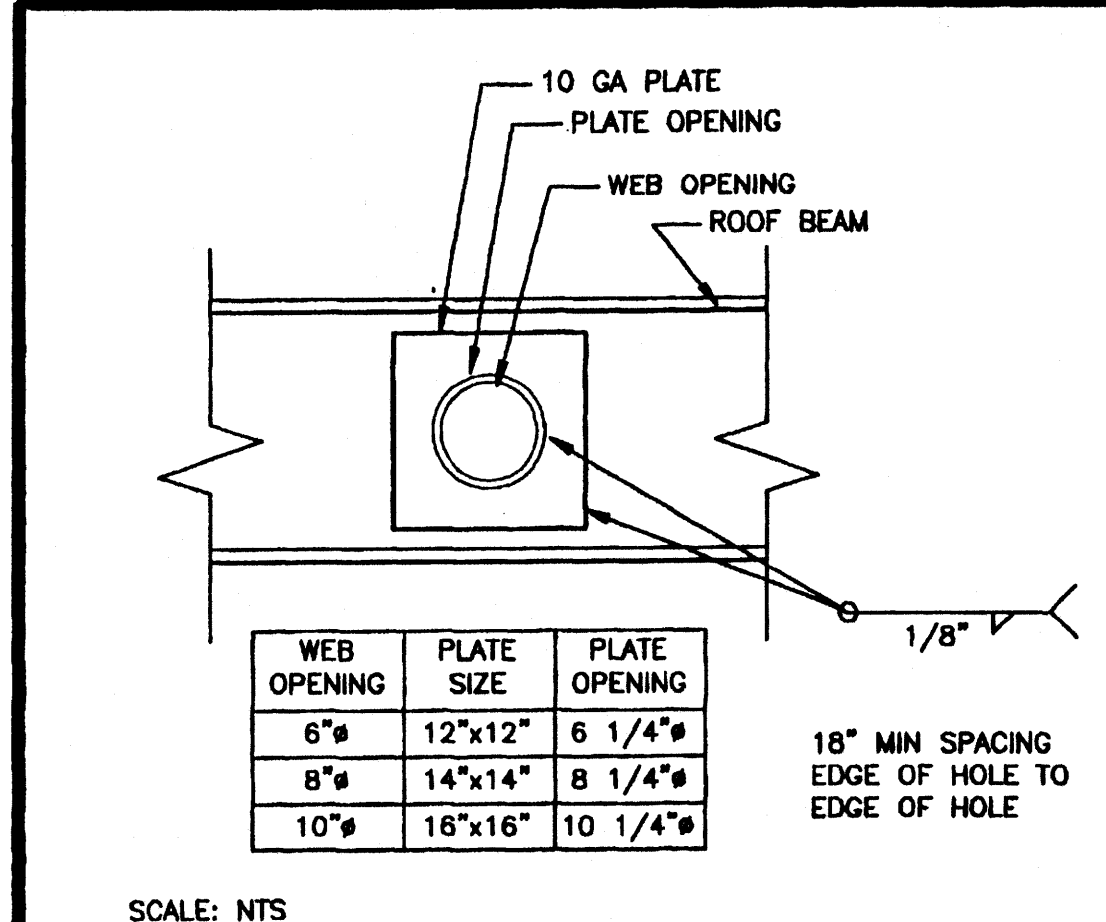
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2	04/09/02	ADDED ATTIC RELIEF INFO
3		
4		
5		

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

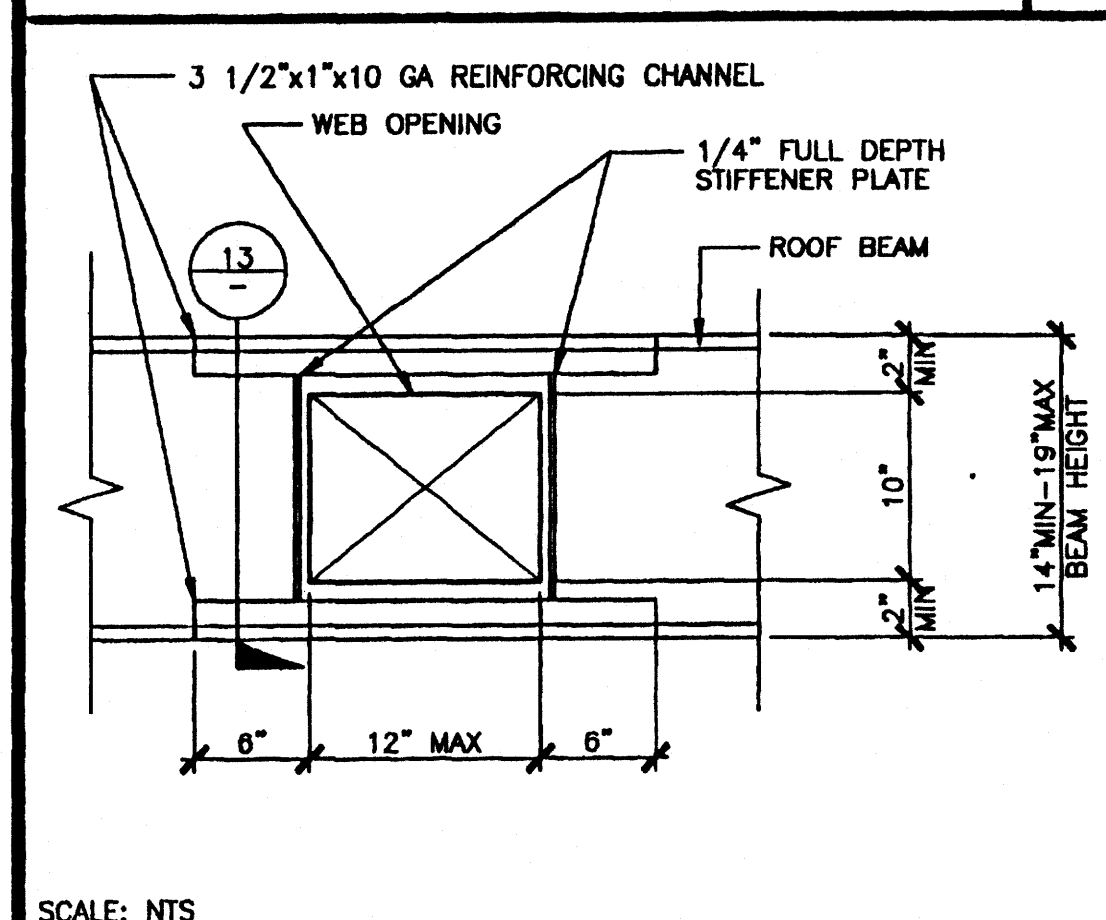
Architect's Seal
MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4134, 4153, 4173 4302
4304, 4307
MODTECH, INC. 2001

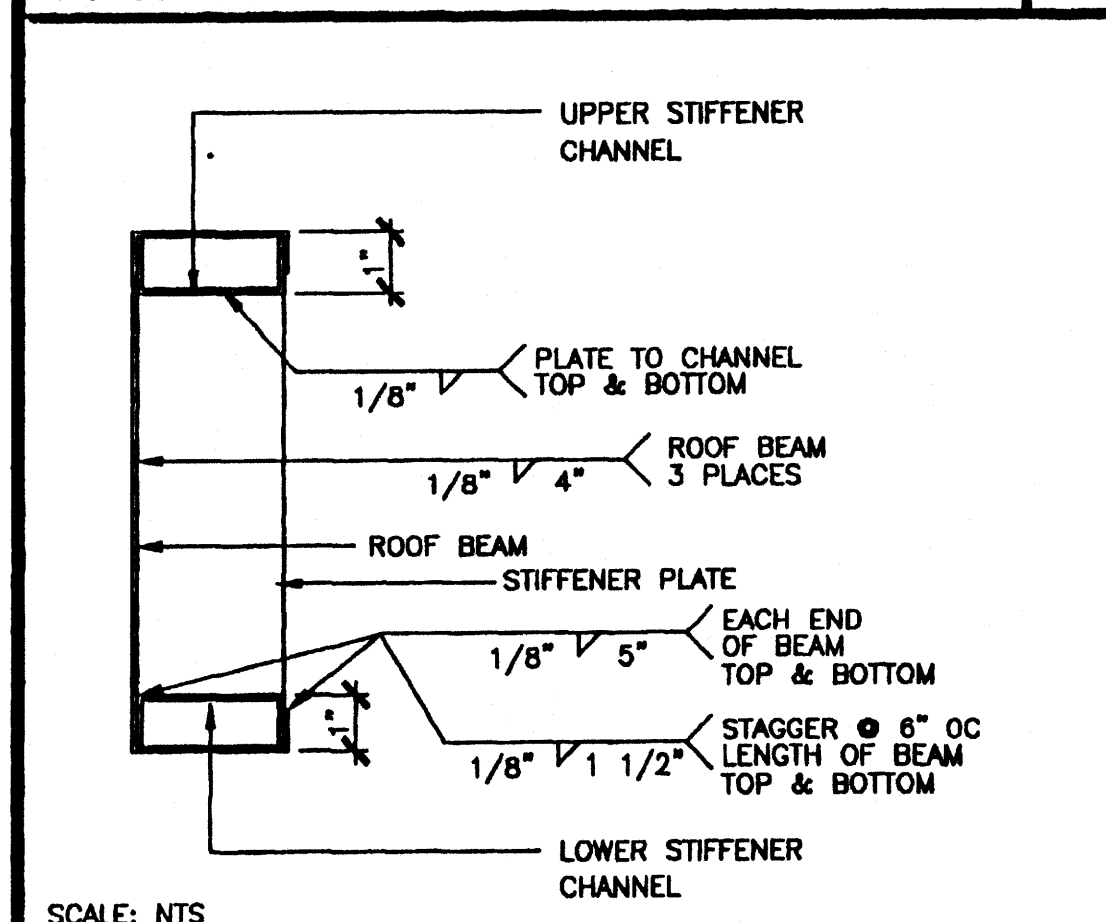
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DRAWN BY: M. ANDERSEN
DATE: APR 15 2002
CHECKED BY: 4012-121
DATE: 04-16-02
MODTECH Index No.
S3.01



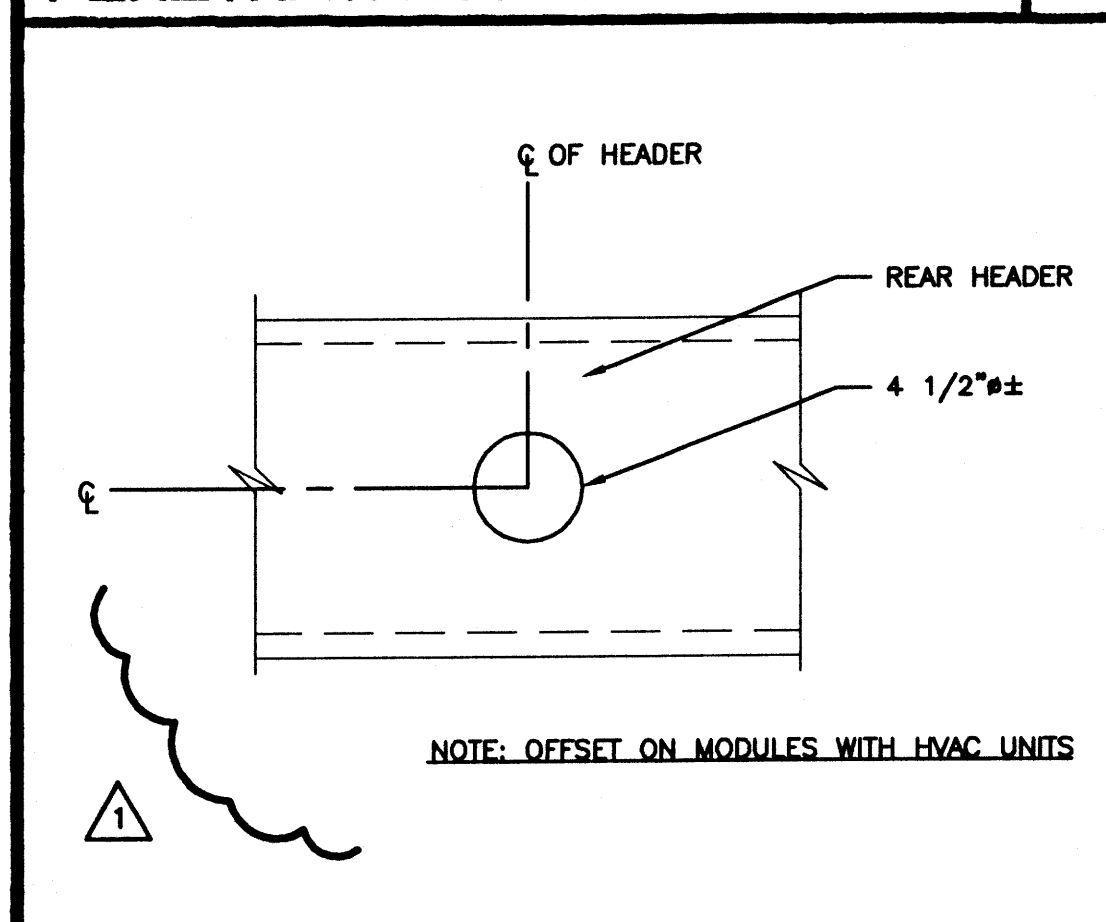
OPTIONAL BEAM PENETRATION 11



OPTIONAL BEAM PENETRATION 11

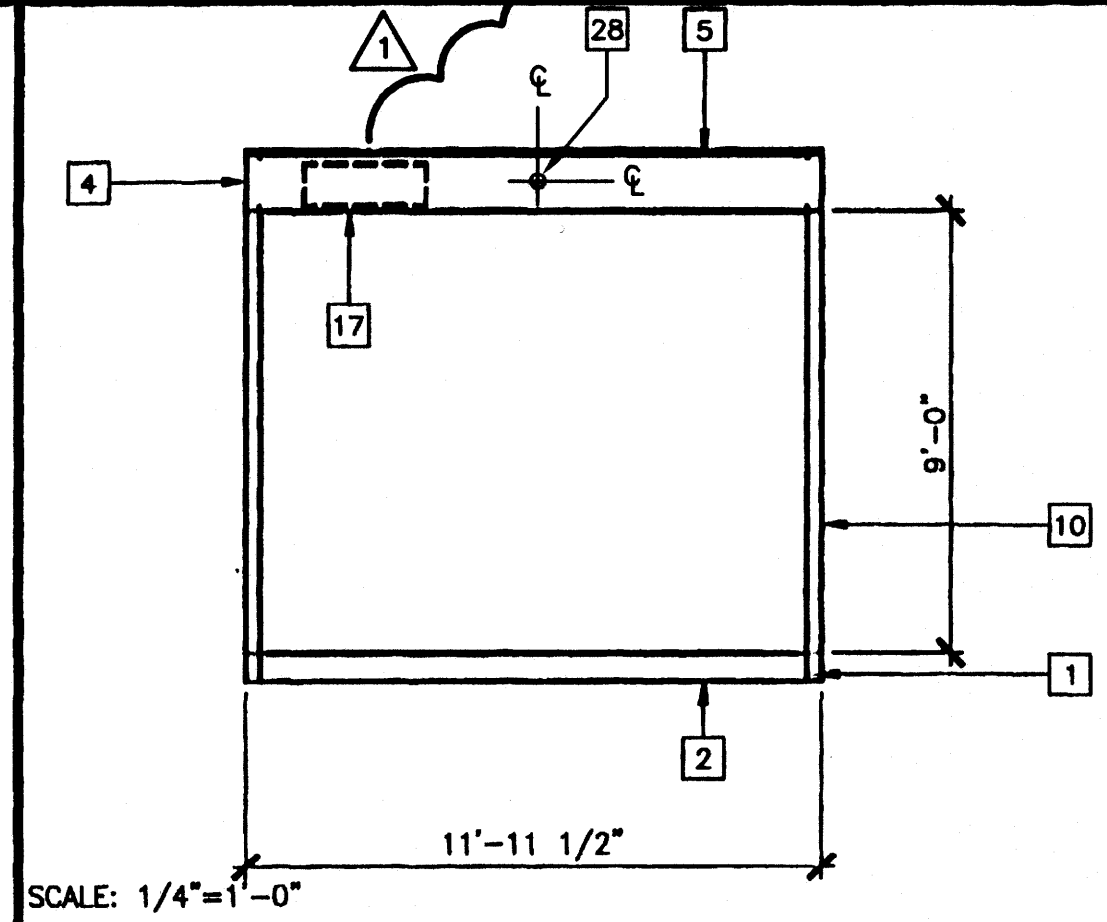


PENETRATION REINFORCEMENT 12

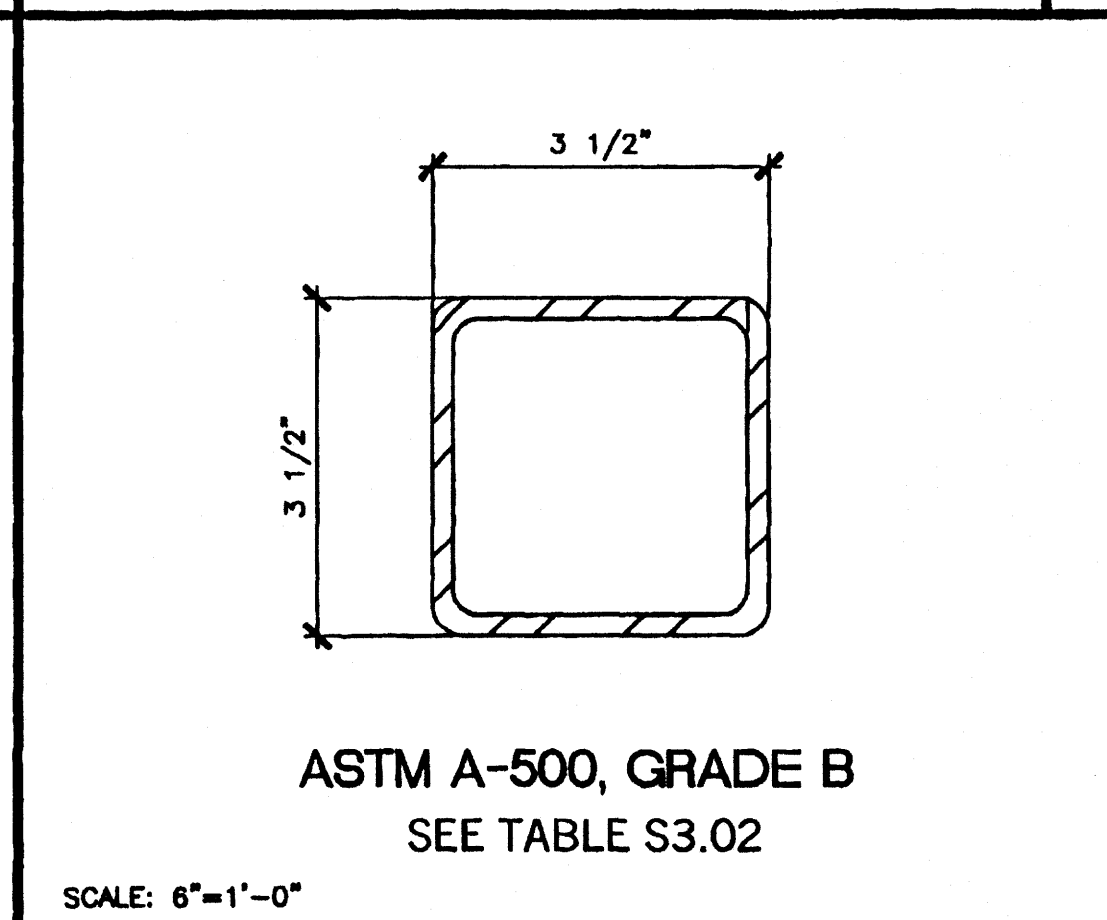


ATTIC RELIEF VENT 13

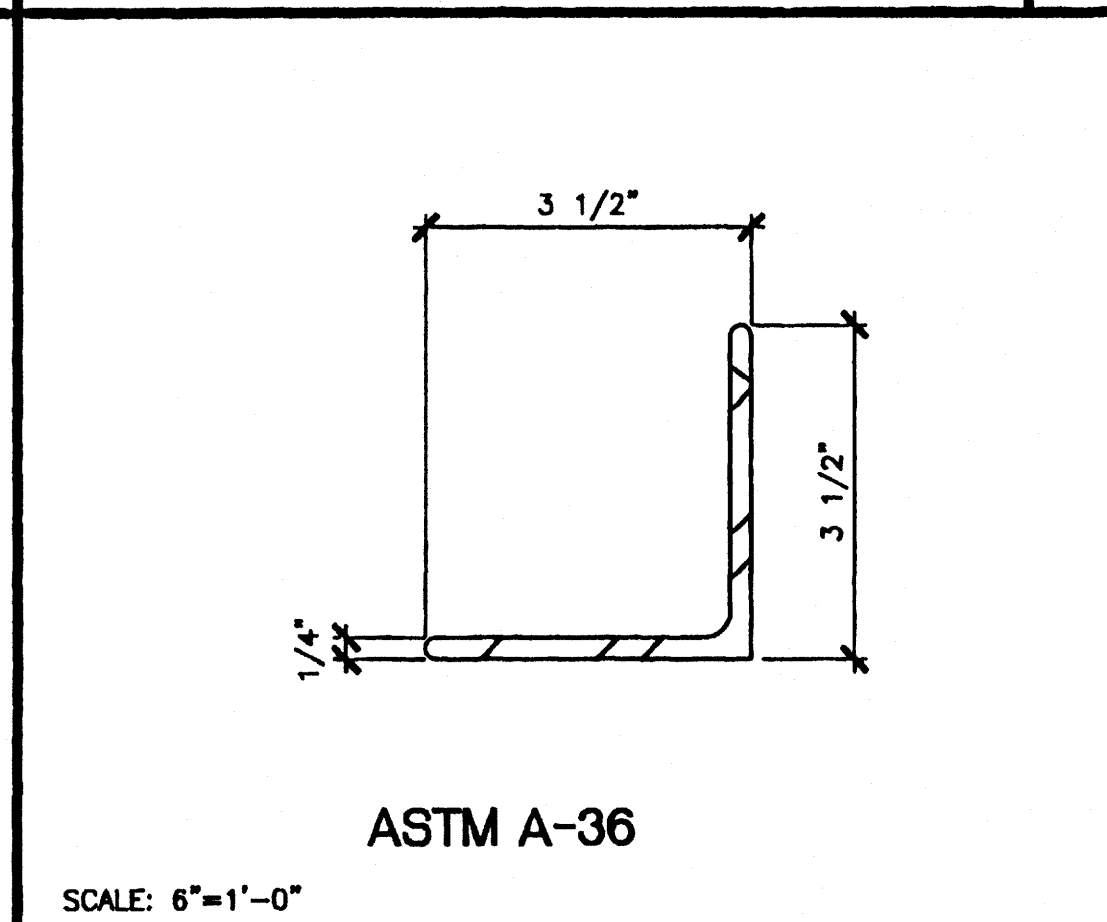
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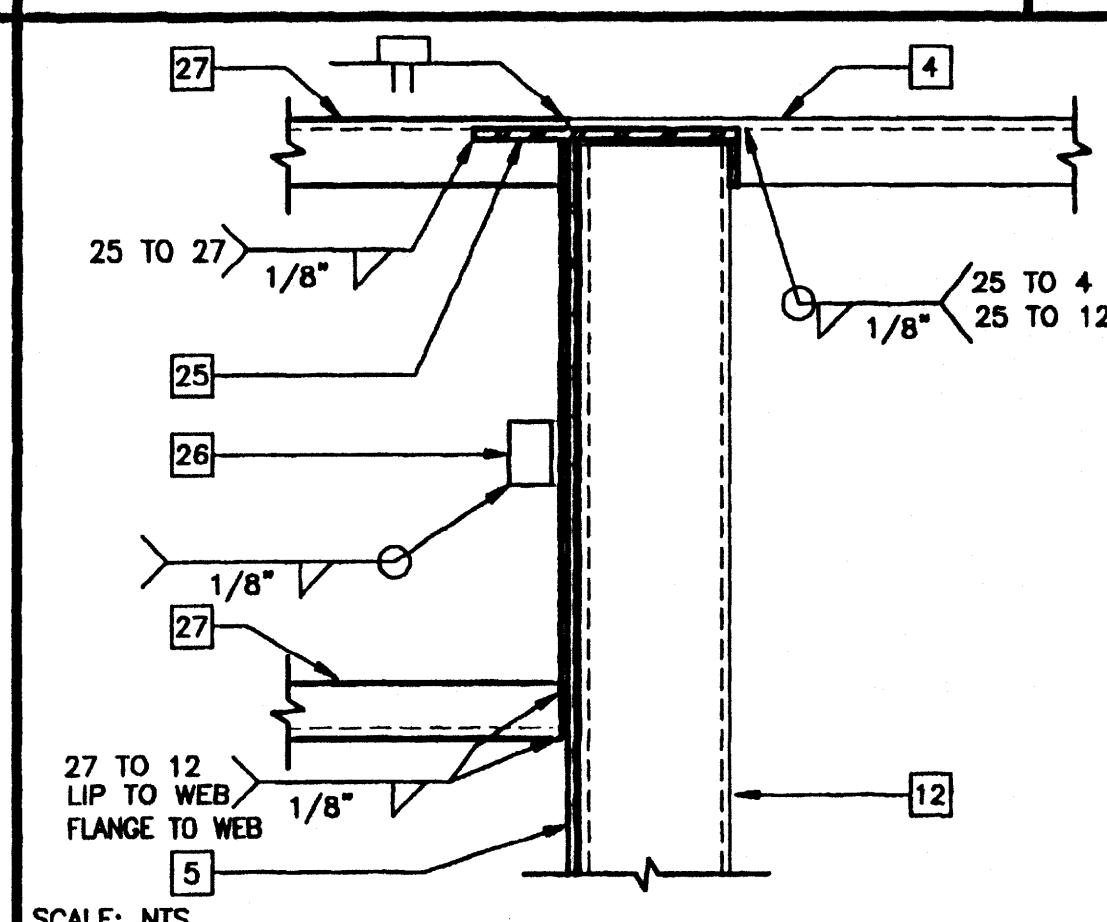
SECTION AT END WALL 11



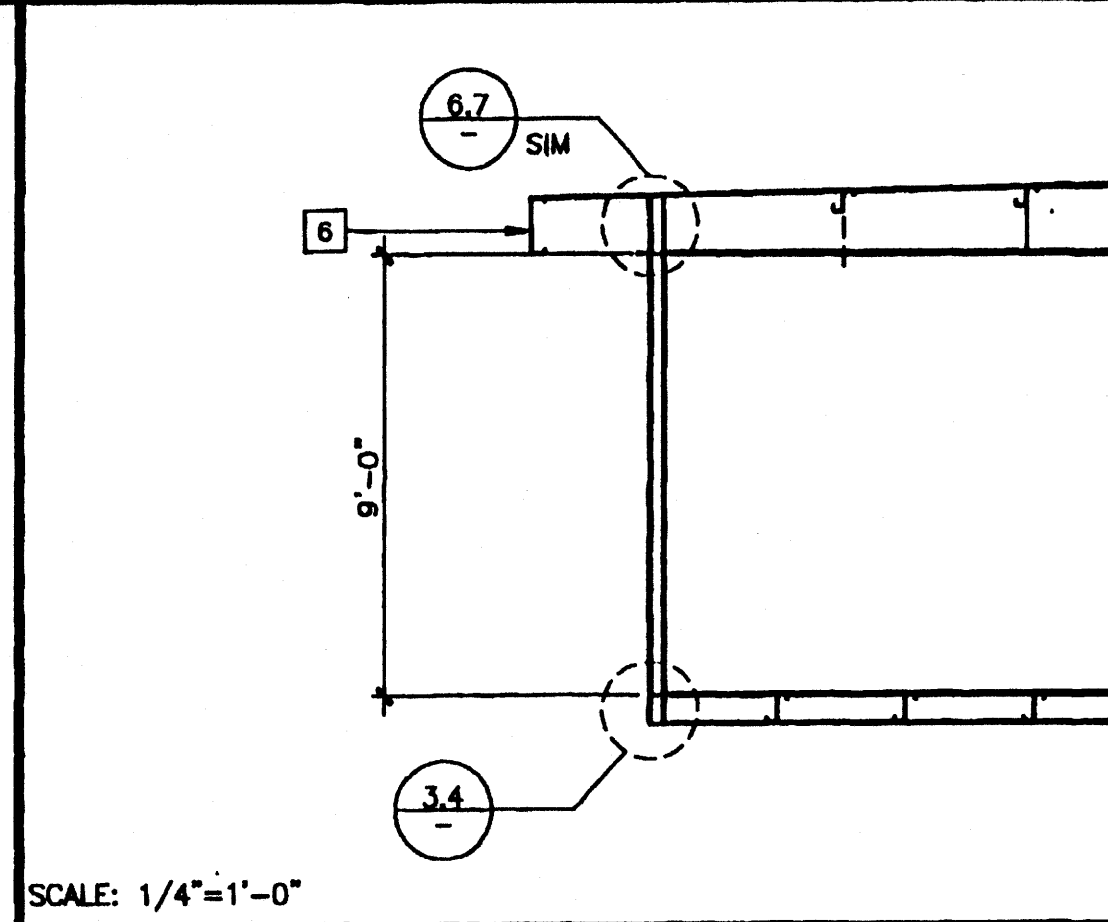
TUBE STEEL COLUMN/STIFFENER 8



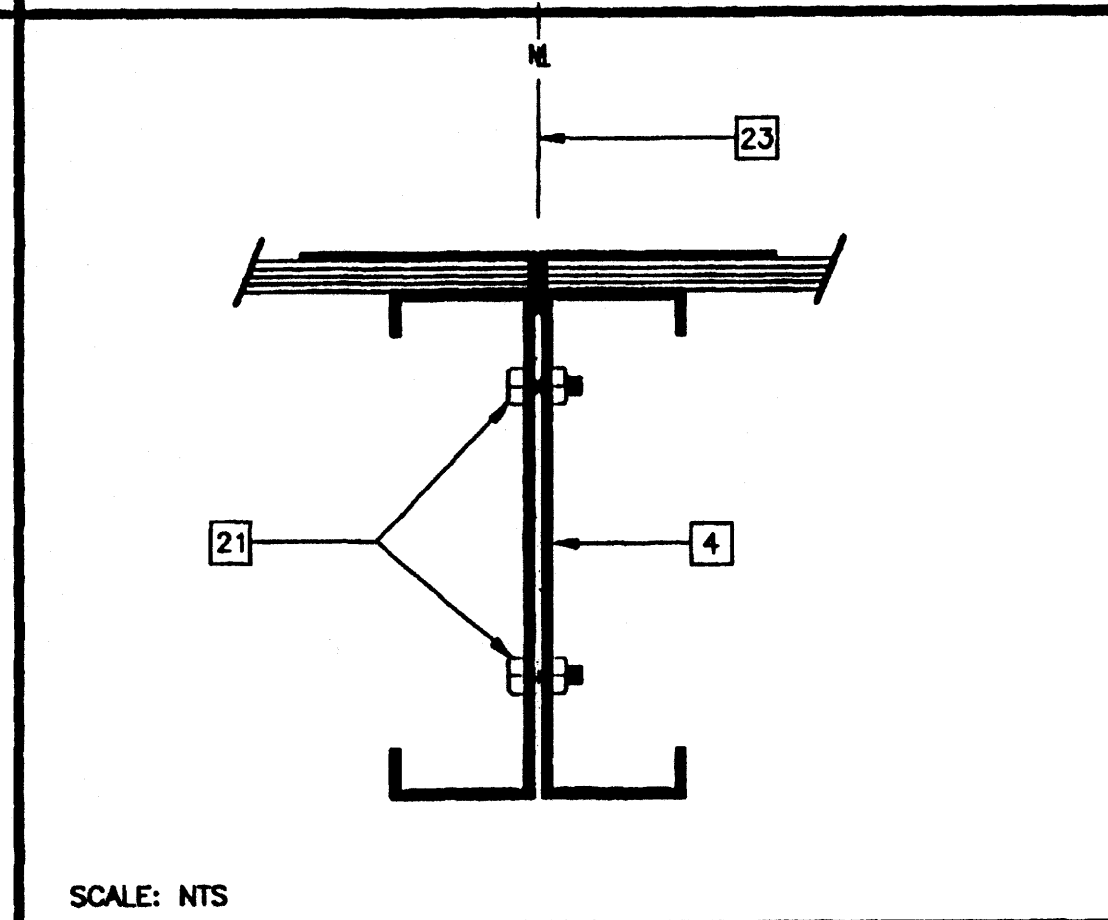
STIFFENER ANGLE 9



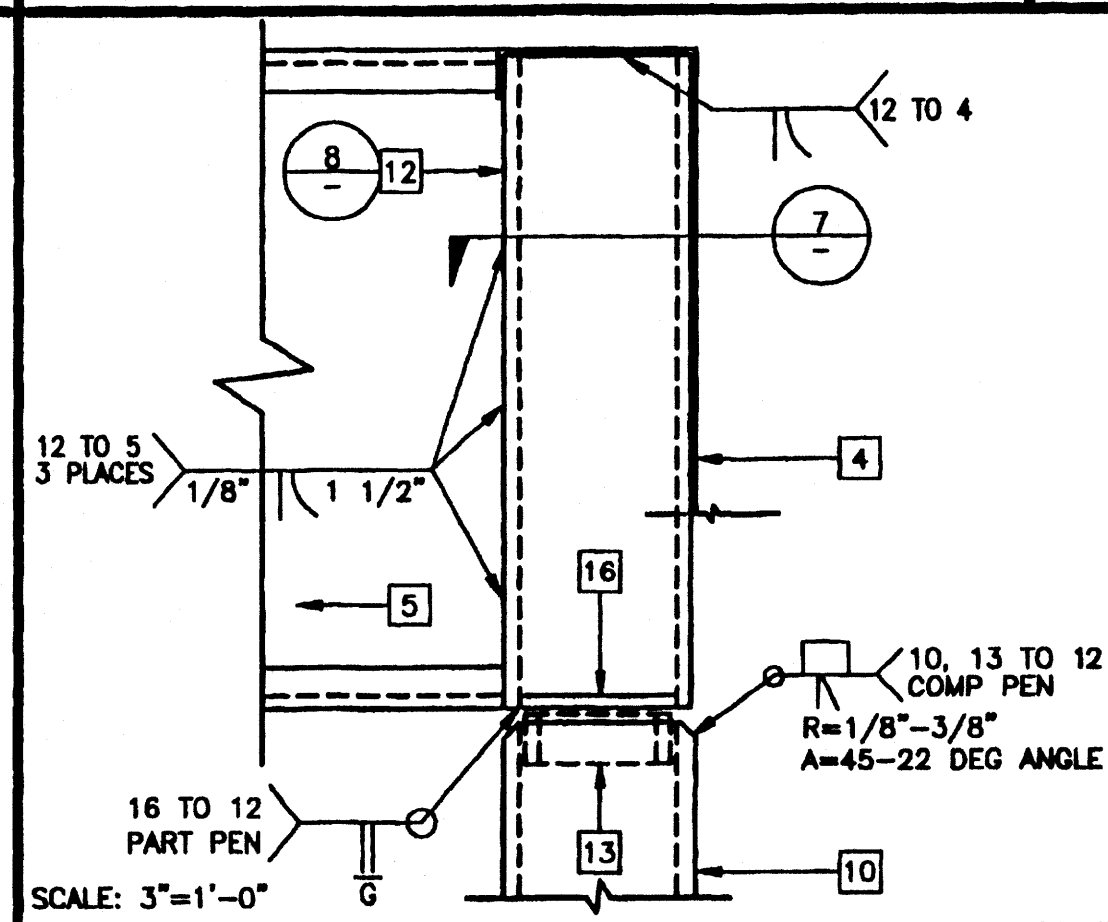
OVERHANG AT ROOF BEAM 10



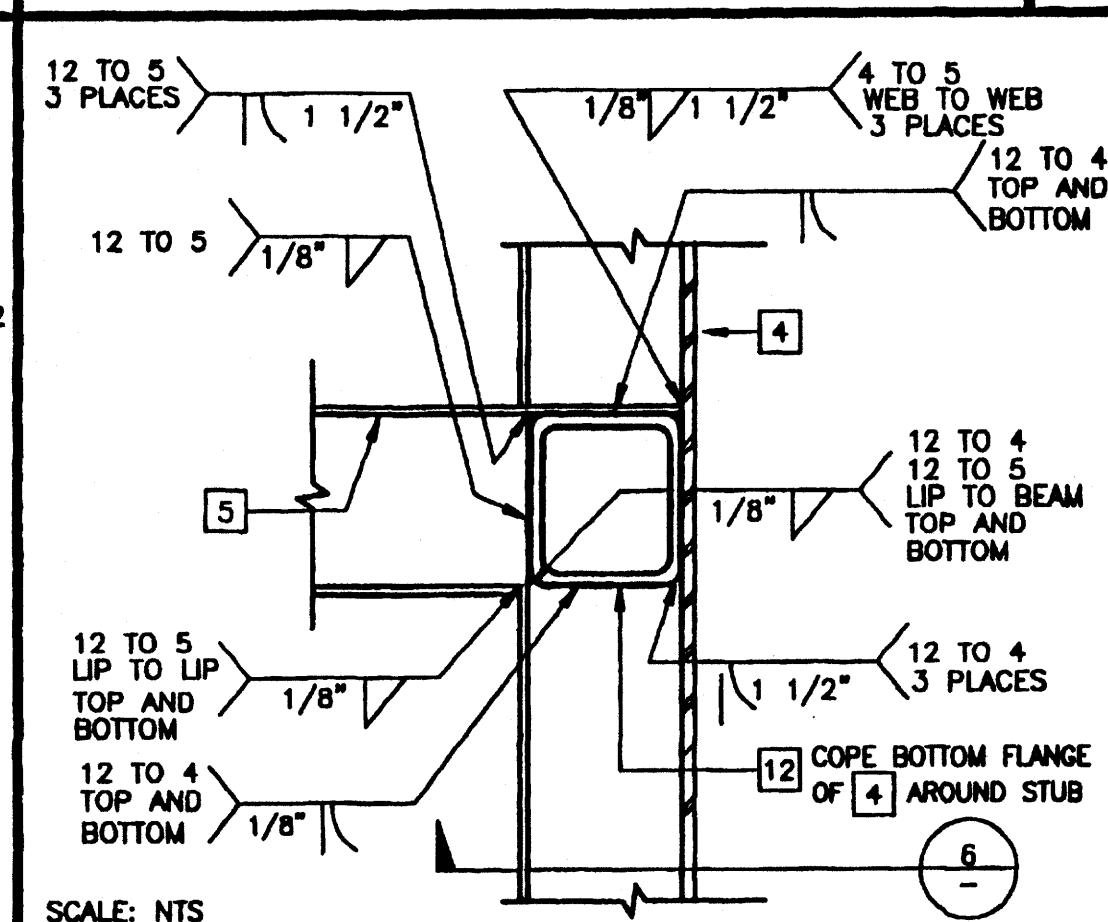
SECTION AT SIDE WALL B



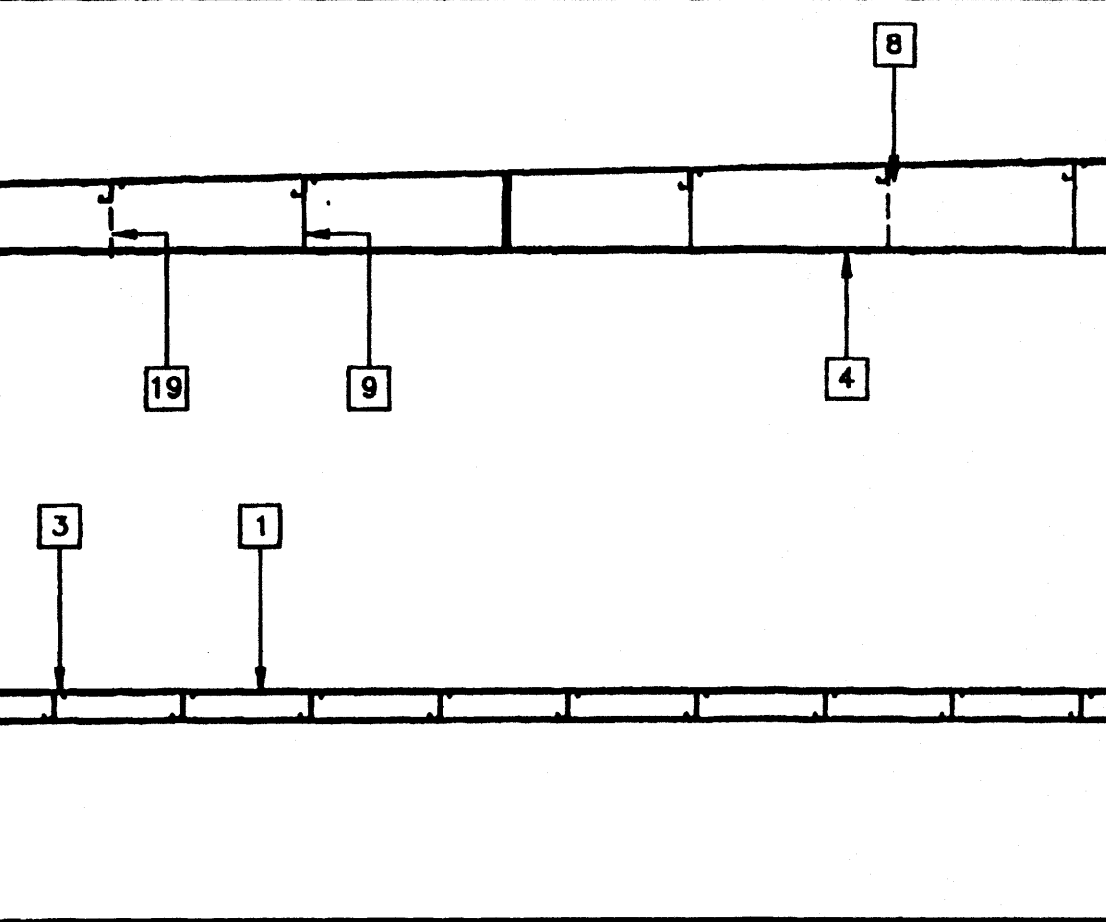
MODULE CONNECTION AT ROOF 5



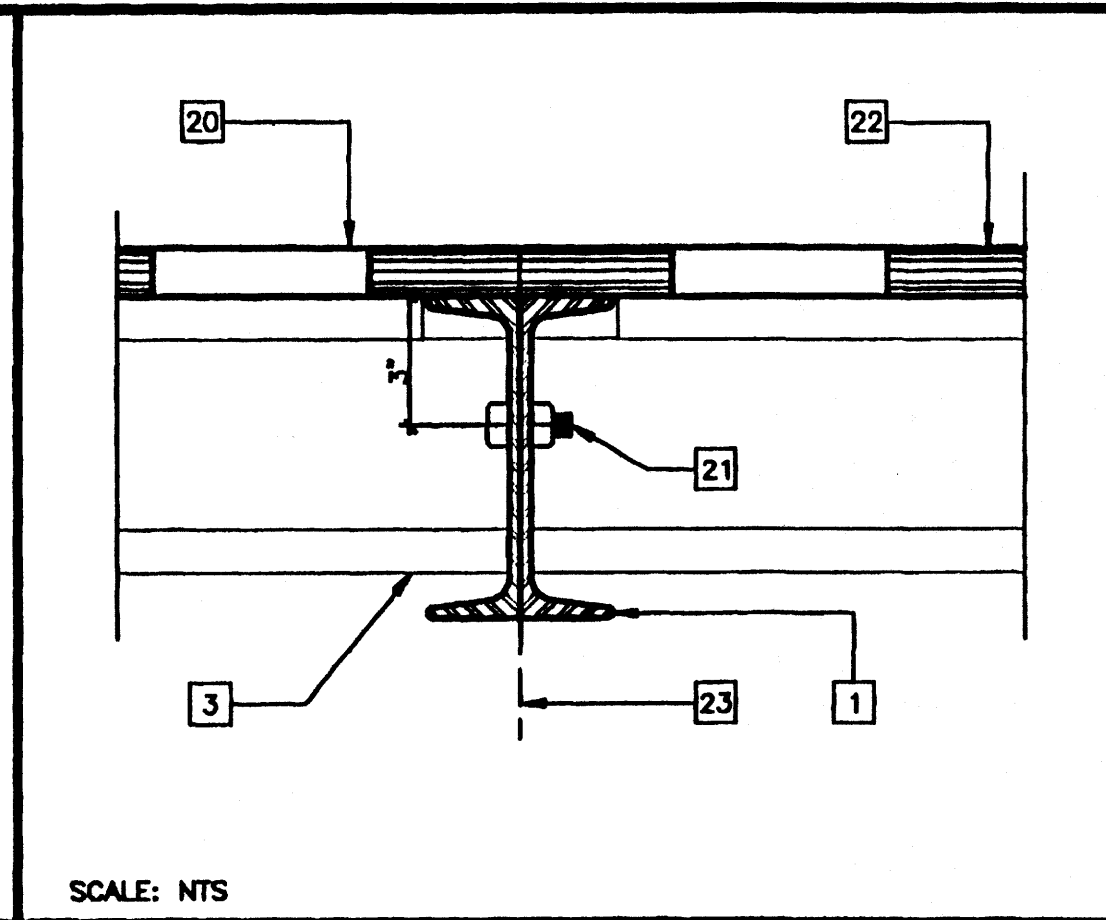
COLUMN AT FLOOR 6



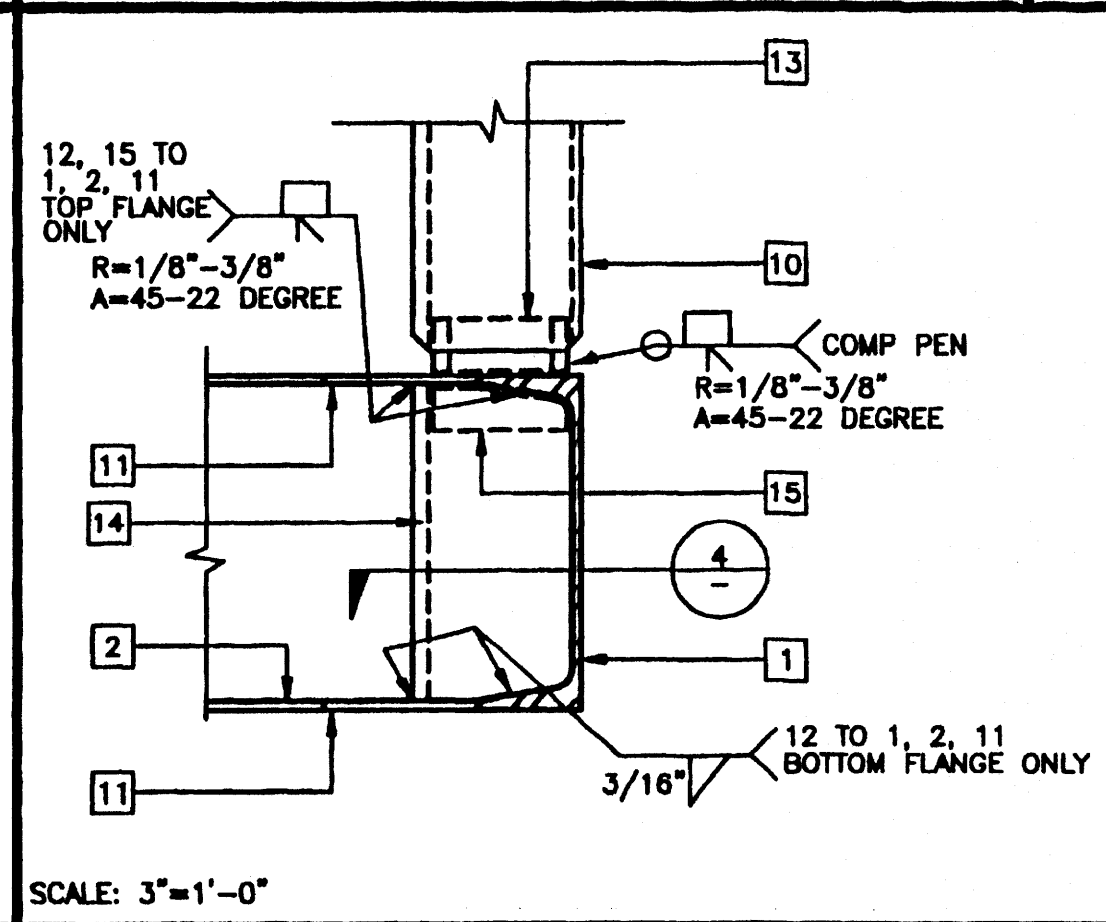
STIFFENER AT ROOF 7



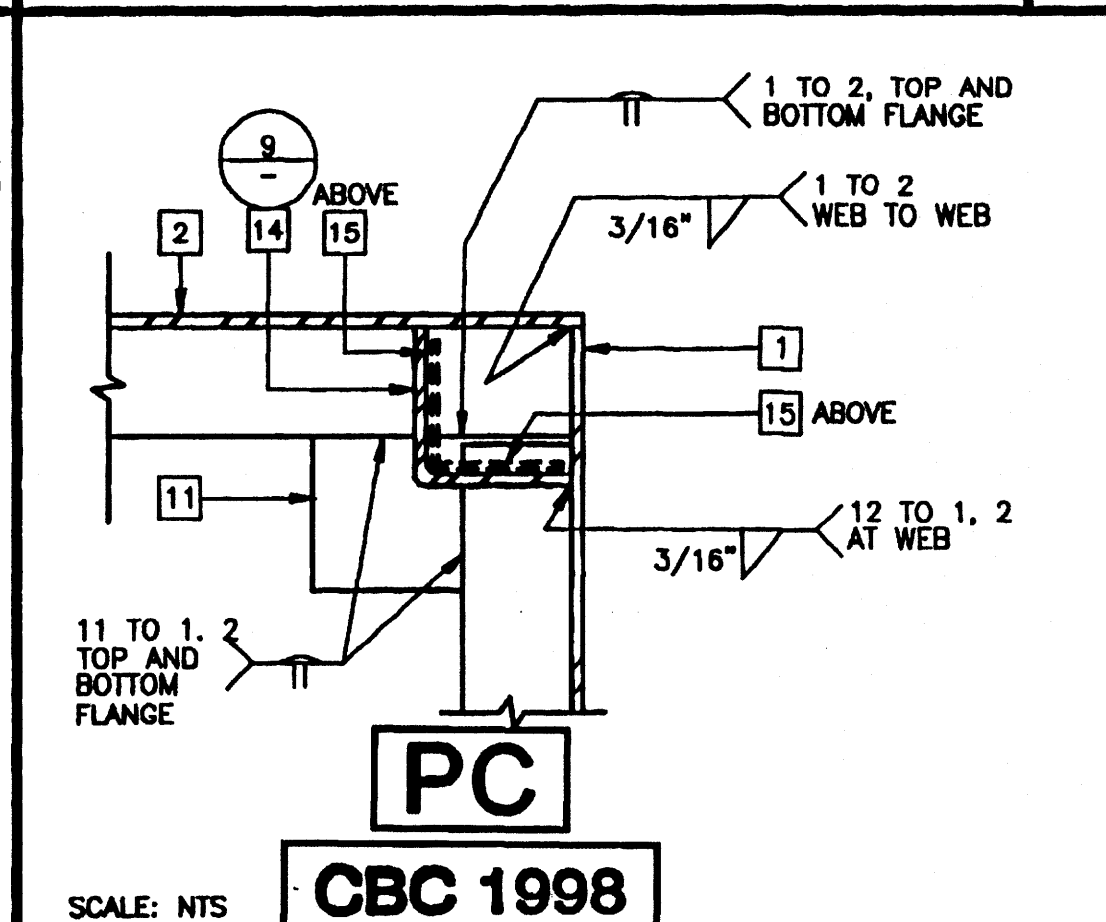
MODULE CONNECTION AT FLOOR 2



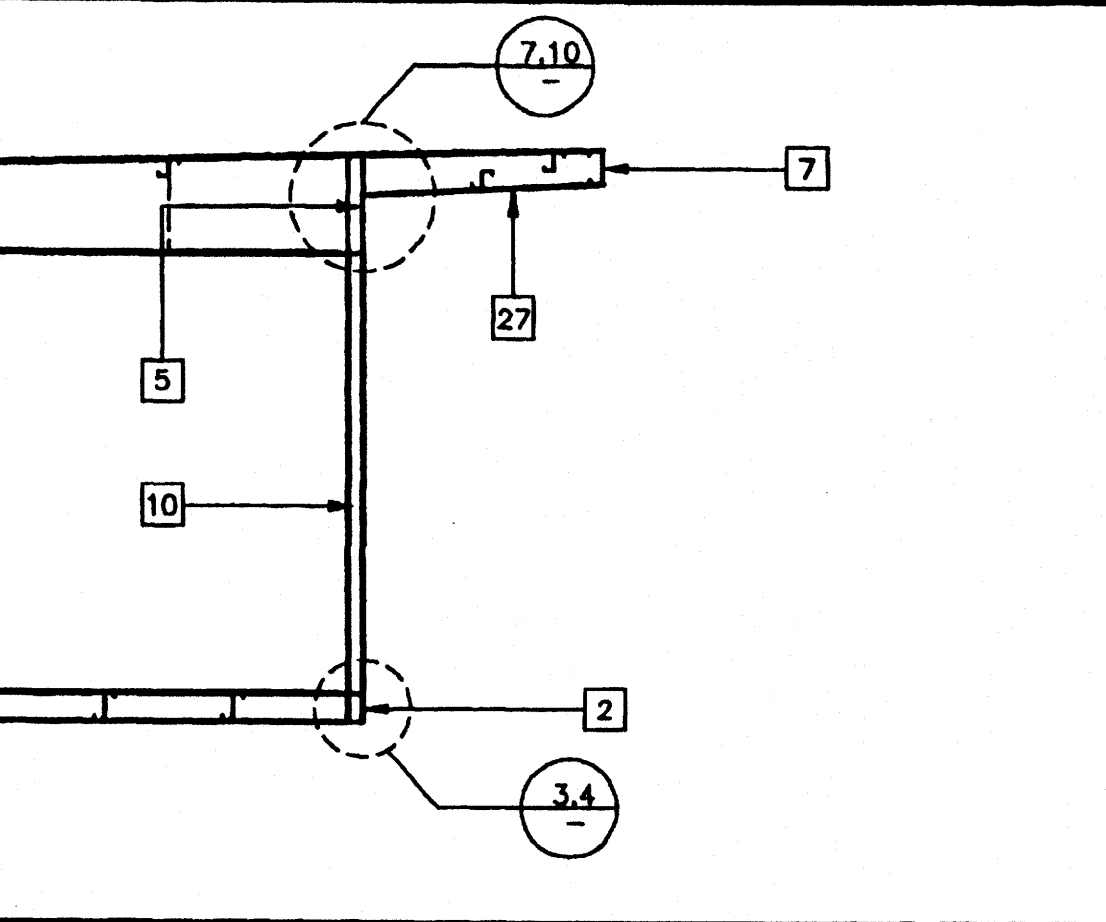
COLUMN AT FLOOR 3



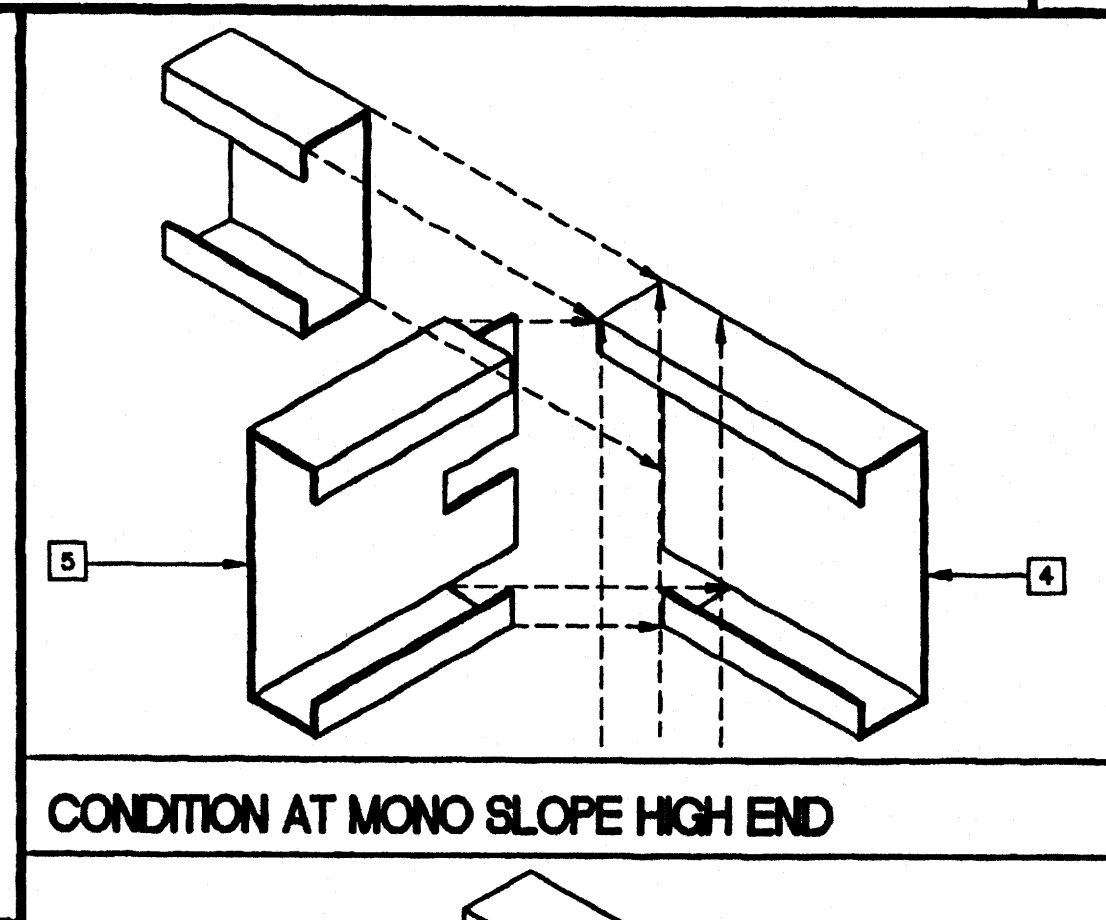
STIFFENER AT FLOOR 4



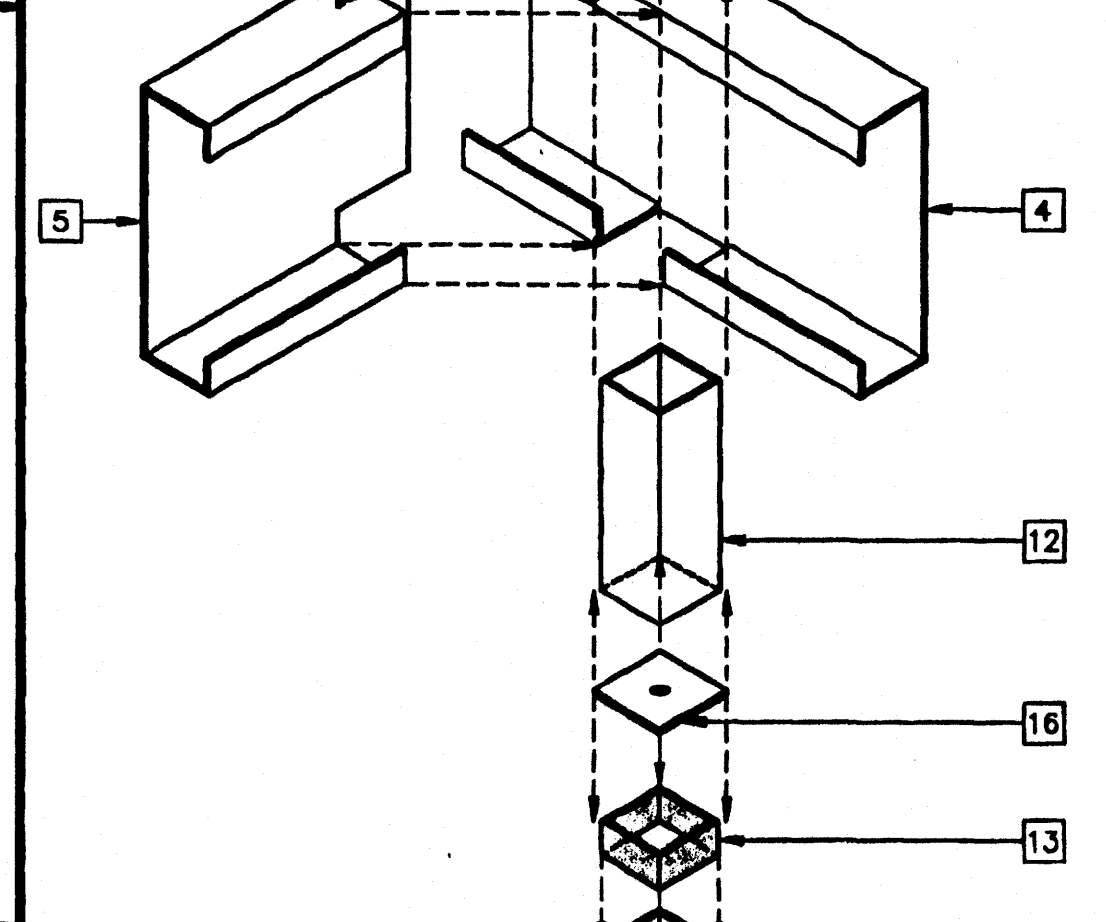
COLUMN AT FLOOR AND ROOF 1



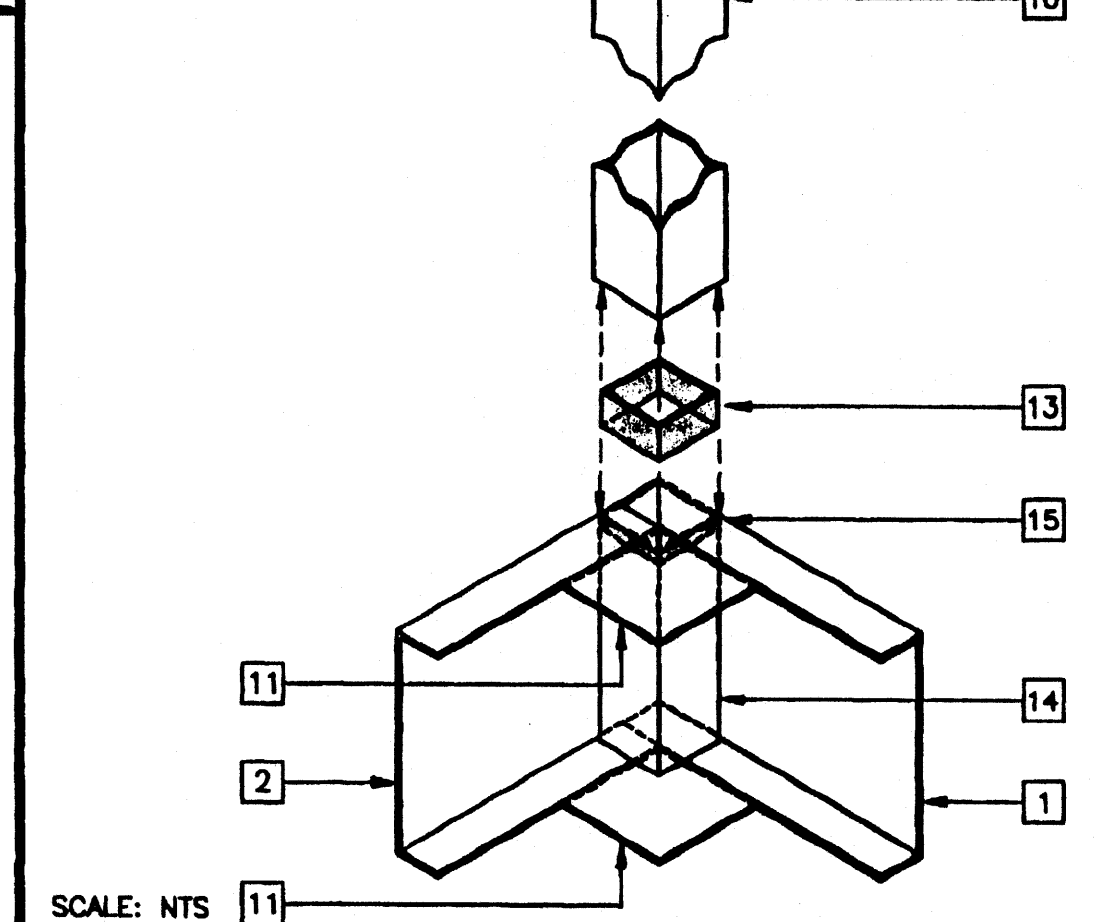
CONDITION AT MONO SLOPE HIGH END



CONDITION AT MONO SLOPE HIGH END



CONDITION AT MONO SLOPE HIGH END



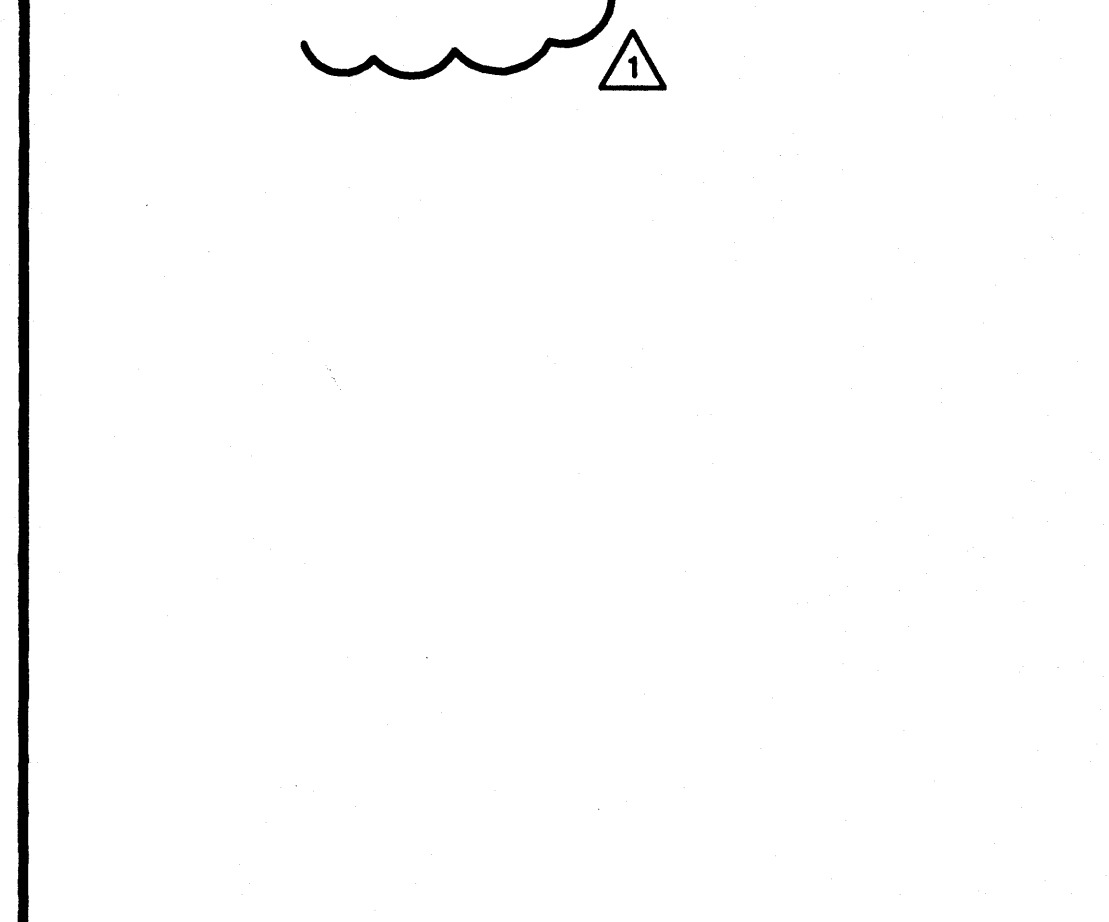
CONDITION AT MONO SLOPE HIGH END

KEY NOTES
1 FLOOR BEAM - 1/S1
2 FLOOR HEADER - 1/S1
3 FLOOR JOIST - 2/S1
4 TAPERED ROOF BEAM - 1/S2.02
5 ROOF HEADER - 2/S2.02
6 ROOF FASCIA AT 2'-6" OVERHANG - 3/S2.02
7 ROOF FASCIA AT 5'-0" OVERHANG - 3/S2.02
8 ROOF PURLIN - 4/S2.02
9 1/4" FULL DEPTH STIFFENER PLATE AT 8'-0" OC TYPICAL ALIGN WITH PURLIN - 9/S2.02
10 TUBE STEEL COLUMN, SEE TABLE BELOW - 8/S3.02
11 3 1/2"x3 1/2"x1/4" STEEL STIFFENER PLATE. WHEN CONCRETE FOUNDATIONS ARE USED REPLACE LOWER PLATE WITH 5"x8"x1/4" ANCHOR BOLT PLATE - 3/S1
12 3 1/2"x3 1/2"x1/4" TUBE STEEL STUB
13 (1) 3"x3"x10 GA TUBE STEEL BACK UP TUBE OR (4) 10 GA BACK UP PLATES
14 3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15 BACK-UP PLATE - 10 GA MIN
16 1/4" BASE PLATE - INSERT FLUSH WITH STIFFENER TUBE
17 HVAC DUCT OPENING - 12/S2.02
18 NOT USED
19 1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
20 HAND HOLE AT BOLT LOCATION
21 5/8" MB A307 AT MODULE CONNECTION JOINT - SEE FLOOR/ROOF FRAMING PLANS
22 FLOOR SHEATHING
23 MODULE JOINT
24 NOT USED
25 3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
26 STEEL ANGLE WELD TAB
27 8"x3 1/2"x1/4 GA OVERHANG BEAM - 3/S2.02
28 ATTIC RELIEF VENT - SEE 13/-

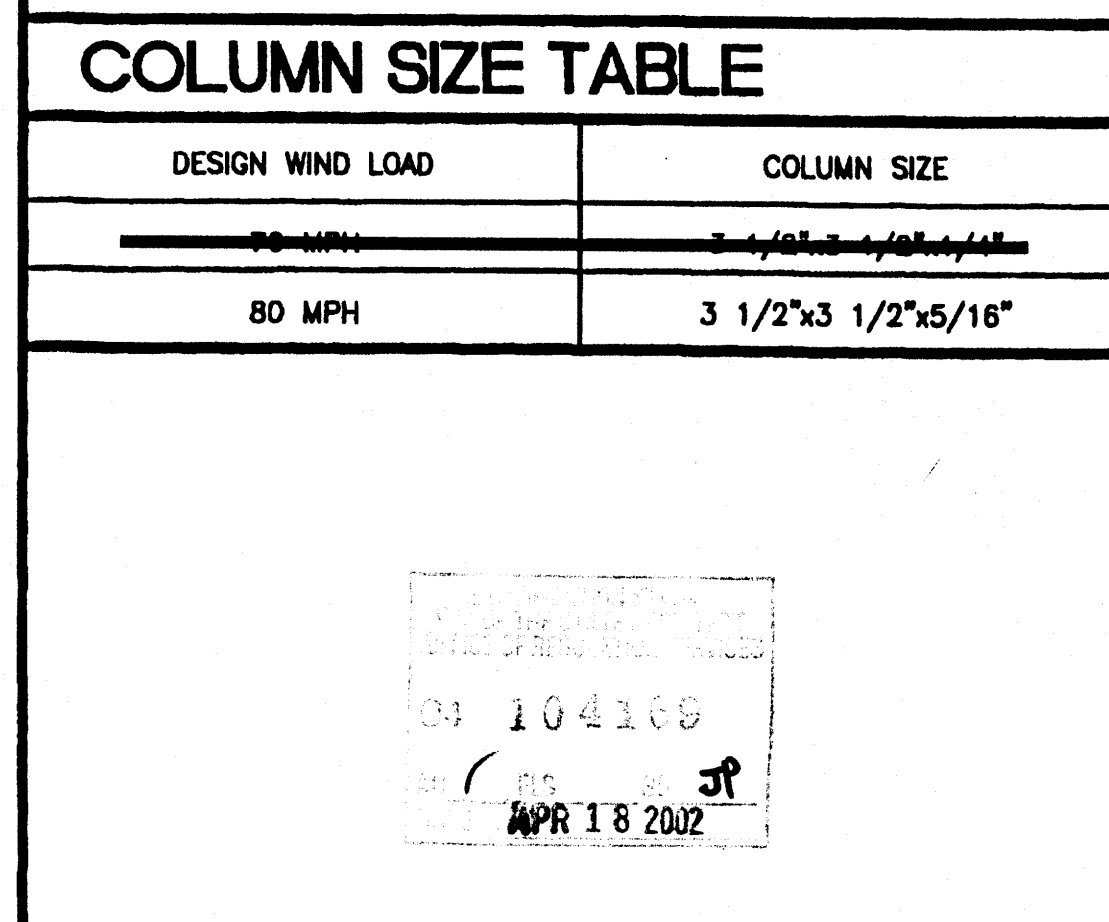
KEY NOTES

14	3 1/2"x3 1/2"x1/4" ANGLE STIFFENER
15	BACK-UP PLATE - 10 GA MIN
16	1/4" BASE PLATE - INSERT FLUSH WITH STIFFENER TUBE
17	HVAC DUCT OPENING - 12/S2.02
18	NOT USED
19	1/4" FULL DEPTH STIFFENER PLATE AT 4'-0" OC AT EXTERIOR SIDEWALLS ONLY FOR 80 MPH DESIGN WIND LOAD ONLY
20	HAND HOLE AT BOLT LOCATION
21	5/8" MB A307 AT MODULE CONNECTION JOINT - SEE FLOOR/ROOF FRAMING PLANS
22	FLOOR SHEATHING
23	MODULE JOINT
24	NOT USED
25	3 1/2"x4 1/2"x1/4" PLATE UNDER BEAM FLANGE
26	STEEL ANGLE WELD TAB
27	8"x3 1/2"x14 GA OVERHANG BEAM - 3/S2.02

COLUMN SIZE TABLE



COLUMN SIZE TABLE



COLUMN SIZE TABLE

PROJECT NUMBER: 4134, 4153, 4173, 4250 © MODTECH, INC. 2001	DRAWN BY: M. ANDERSEN DATE: APR 15 2002 CHECKED BY: 4012-121 DATE: 04-16-02 MODTECH Index No.
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STRUCTURAL FRAMING 26 GA MONO PITCH S3.02

REVISIONS	DATE	DESCRIPTION
1	04/09/02	ADDED ATTIC RELIEF INFO
2		
3		
4		
5		

Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
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IDENTIFICATION STAMP BY: OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES PC-04 101268 AC FLS 05 DATE SEP 07 1999	MODTECH INC. 2830 BARRETT AVENUE PERRIS, CALIF. 92572 PH (909) 943-4014 FAX (909) 940-0427
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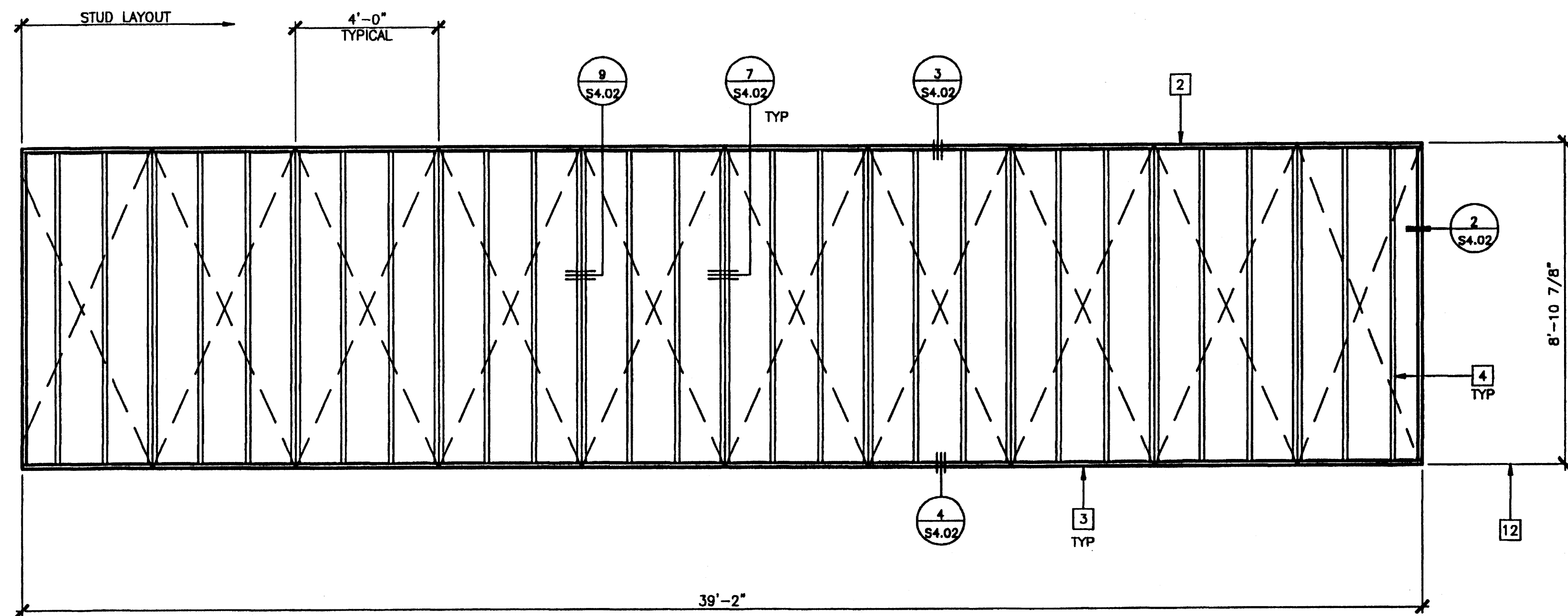
PROJECT NUMBER: 4134, 4153, 4173, 4250 © MODTECH, INC. 2001	DRAWN BY: M. ANDERSEN DATE: APR 15 2002 CHECKED BY: 4012-121 DATE: 04-16-02 MODTECH Index No.
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STRUCTURAL FRAMING 26 GA MONO PITCH	S3.02
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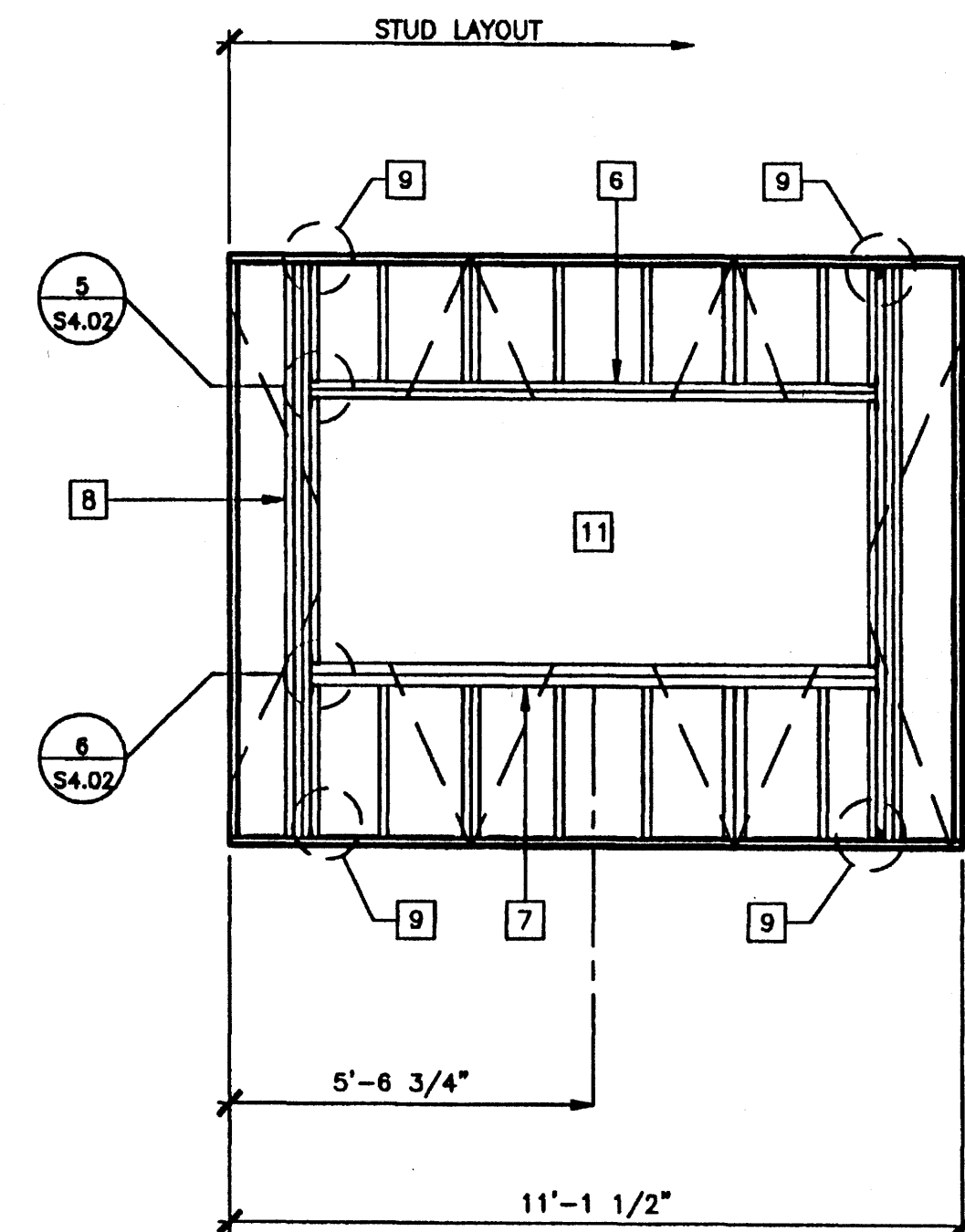
STRUCTURAL FRAMING 26 GA MONO PITCH	S3.02
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KEY NOTES

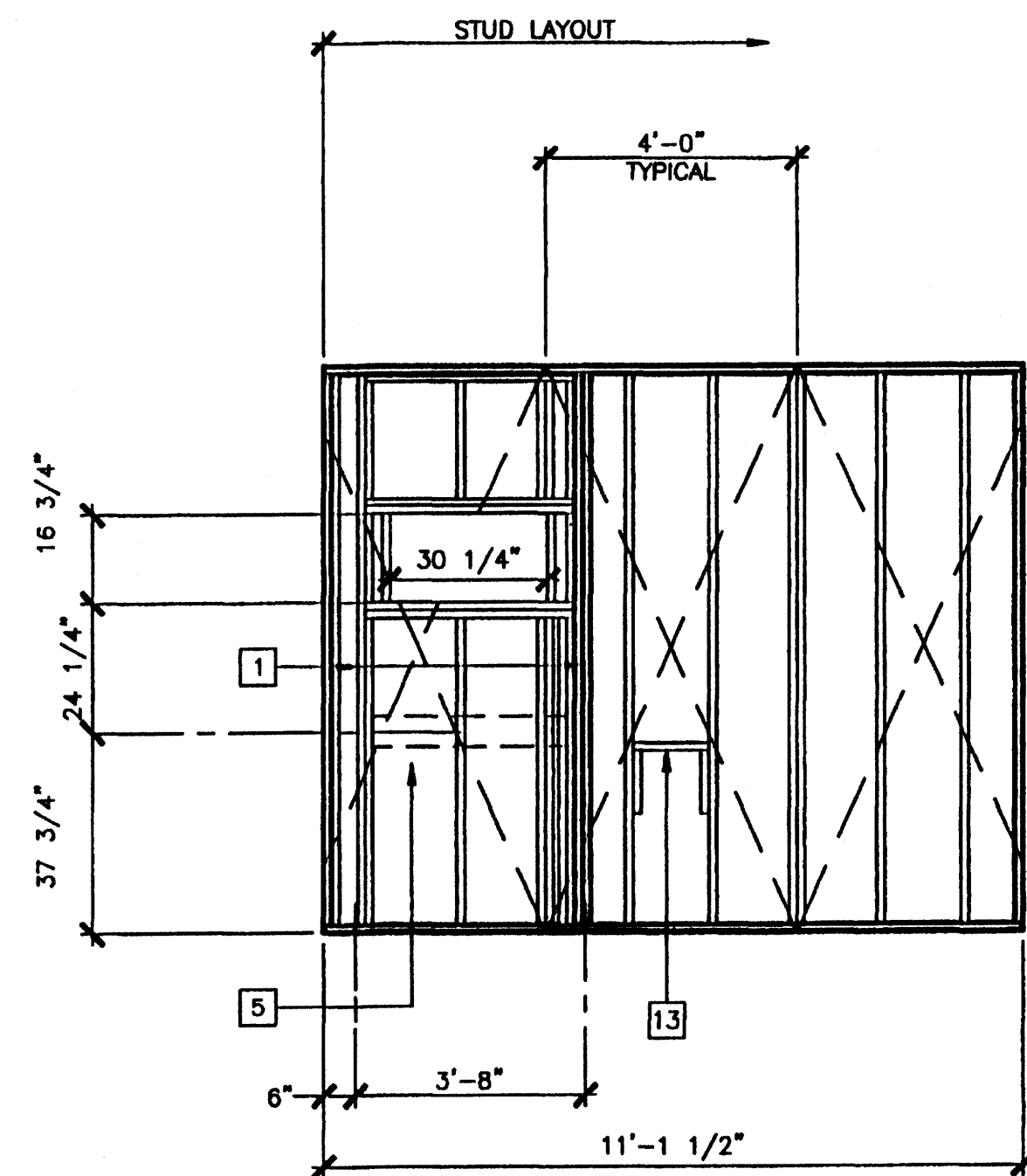
- 1 4"x4" POST
- 2 2"x4" TOP PLATE
- 3 2"x4" FLOOR SILL PLATE
- 4 2"x4" STUDS AT 16" OC TYPICAL - FOR BUILDINGS EXCEEDING 2160 SF ONLY USE 12" OC SPACING WITHIN 4'-0" OF BUILDING CORNERS
- 5 2"x6" LET IN FOR AC SUPPORT
- 6 2"x4" HEADER - 13/S4.02
- 7 2"x4" SILL - 13/S4.02
- 8 2"x4" FULL HEIGHT KING STUDS AND 2"x4" TRIMMER 13/S4.02
- 9 A 34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
- 10 REQUIRED OPENING FOR A 3068 DOOR - 13/S4.02
- 11 REQUIRED OPENING FOR A 8040 WINDOW - 13/S4.02
- 12 FINISH FLOOR LINE
- 13 FRAME FOR ELECTRICAL PANEL
- 14 PROVIDE 2x6 FLAT WALL BLOCKING WITH 3-16d BOX NAILS EACH END AT EACH HANDRAIL CONNECTION - 6/R1.01 SEE FLOOR PLAN FOR RAMP LOCATION.



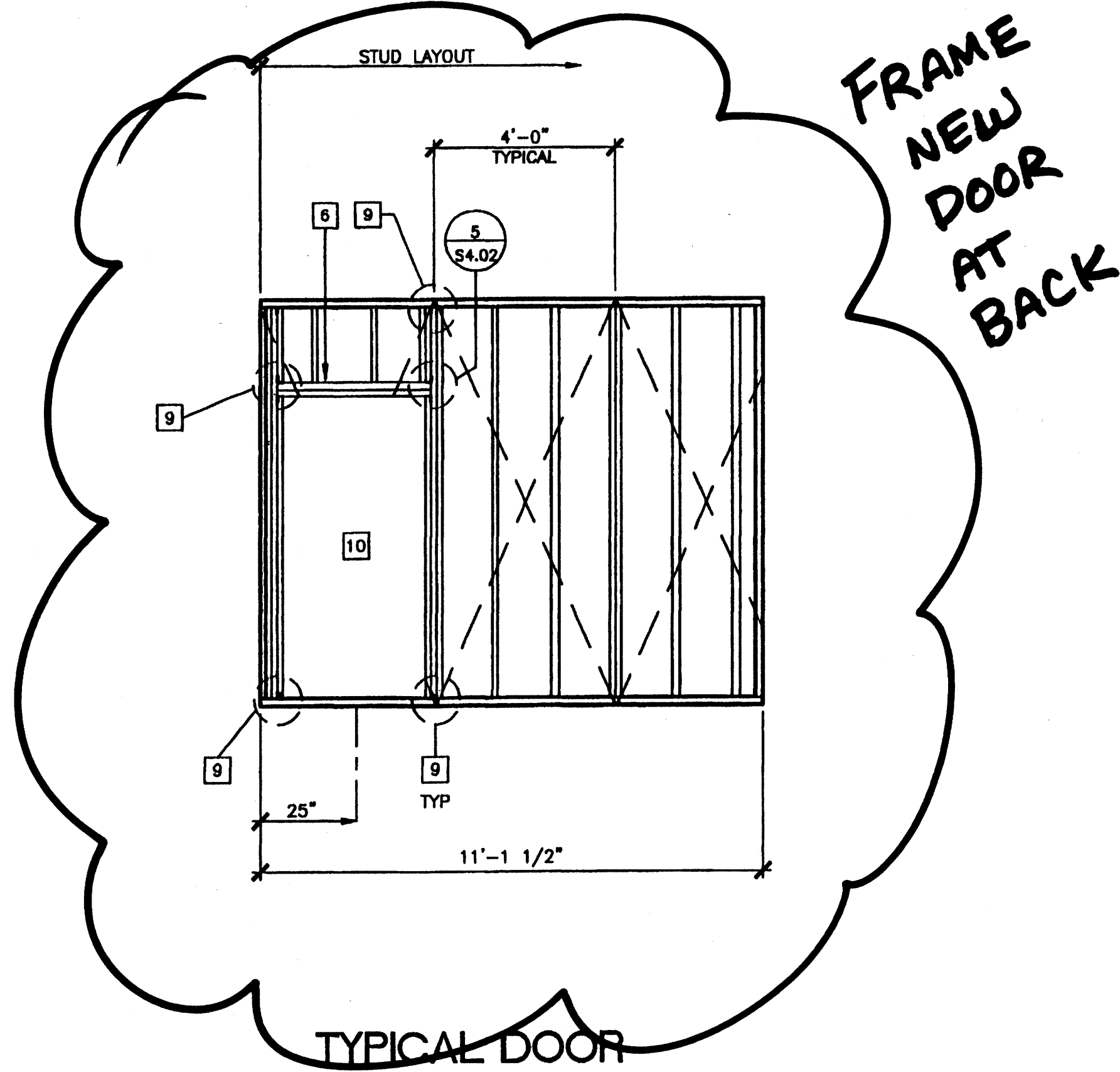
TYPICAL SIDE WALL



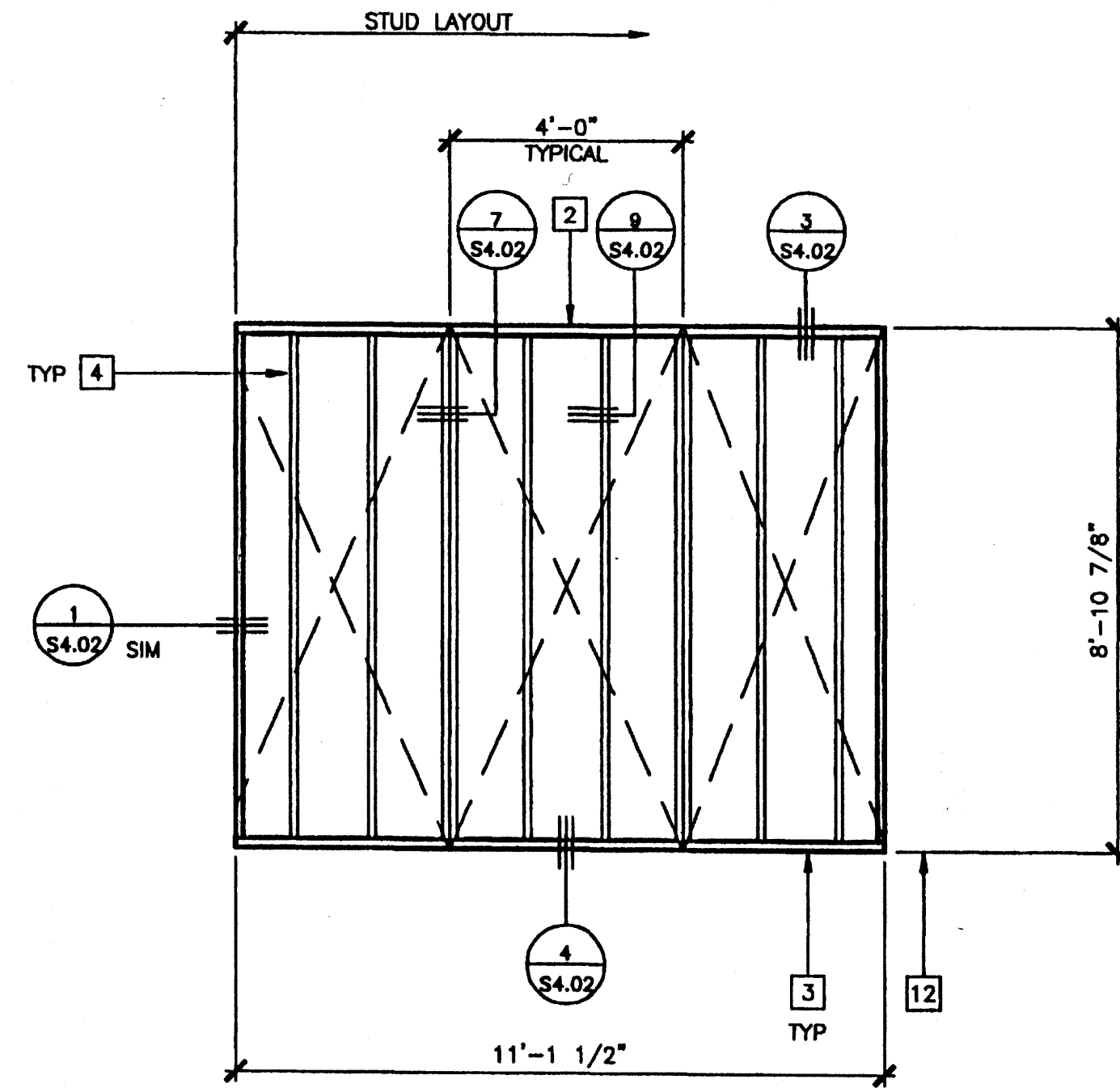
TYPICAL WINDOW



TYPICAL HVAC



TYPICAL DOOR



TYPICAL END WALL

WALL FRAMING ELEVATIONS

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

PC
CBC 1998

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

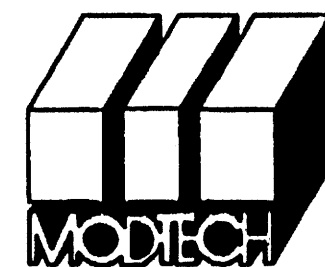
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal
LORGE G. EDWARDS
STATE OF CALIFORNIA
REV. 9-30-97

IDENTIFICATION STAMP
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PC-04
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PERRIS, CALIF. 92572
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FAX (909) 940-0427

PROJECT NUMBER: 4134

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2-24X40 STKP# 62 A# 04-104169
CL# SERIAL # 56028-29, 56032-33
EDISON ELEMENTARY S.D. 02-09-06

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

WALL FRAMING

WOOD STUDS

S4.01

STKP-62

PC-04-101268