

REVISIONS

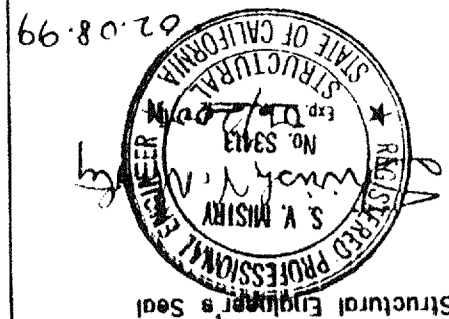
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Electrical Engineer's Seal

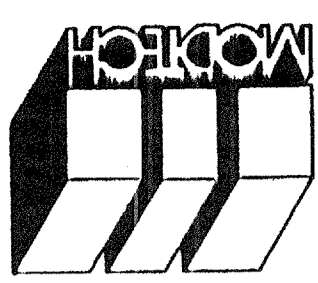
Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal



IDENTIFICATION STAMP
 OFFICE OF REGULATION SERVICES
 PC - 270
 DATE: 02/08/99
 REVISIONS



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

PROJECT NUMBER:

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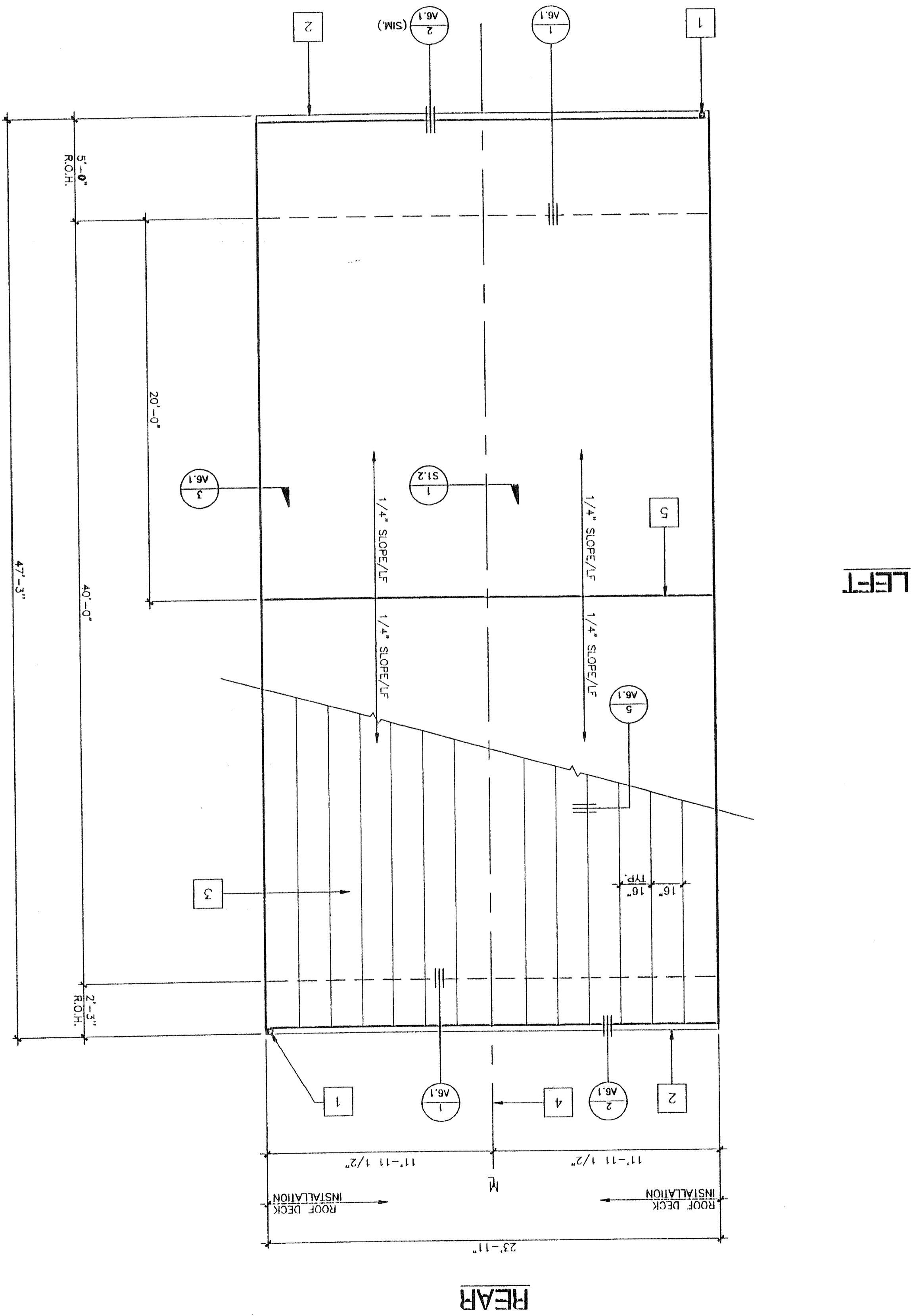
ROOF PLAN

A2.0

MODTECH Index No.
 PROJECT NO.
 DRAWN BY: RYF
 CHECKED BY: RYF
 DATE: 2-99

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

ROOF PLAN (DUAL SLOPE) (24'X40')

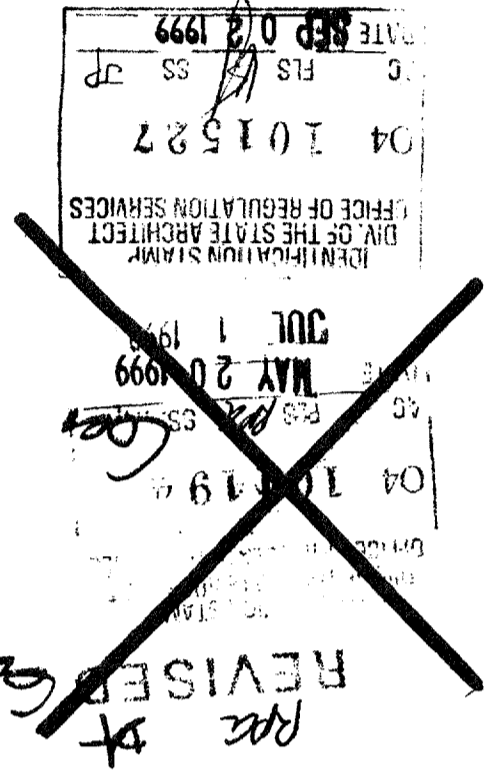


1. BUILDING HOUSING GROUP E OCCUPANCIES SHALL HAVE ROOF COVERINGS AS SPECIFIED IN TABLE 15A, C.B.C. CLASS A

NOTES

KEY NOTES

- 1 DOWNSPOUT (TYPICAL 3" X 2" X 26GA)
- 2 CONTINUOUS GUTTER 26GA.
- 3 22GA. MIN. INTERLOCKING ROOF PANELS (TYP)
- 4 MODLINE
- 5 RIDGELINE



PC-270

PROJECT NO.

FILE PATH: PC270A20.DWG

Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

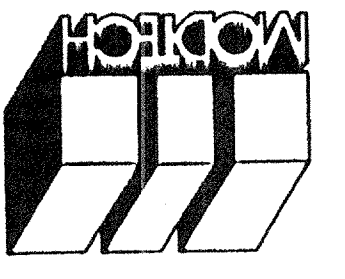
Architect's Seal

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OFFICE OF REGULATION SERVICES

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AC: FLS SS

DATE



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FLOOR PLAN

A1.0

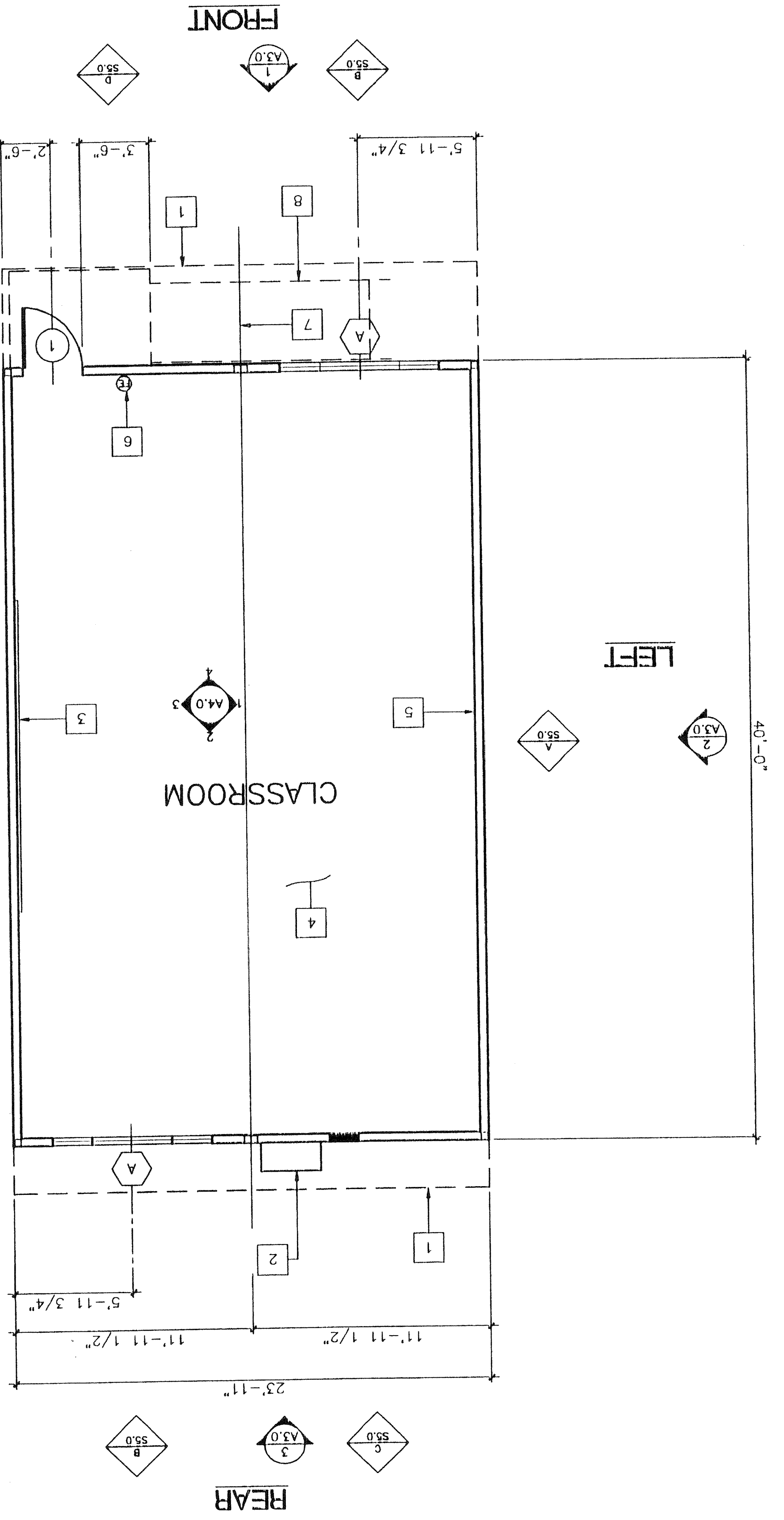
PROJECT NUMBER: XXXX © MODTECH, INC. 1998

MODTECH Index No.
PROJECT NO: XXXX
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DATE:
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BASED ON PC-270

FLOOR PLAN
SCALE: 1/4" = 1'
24' X 40'

A-SHOWN
B-OPPOSITE



KEY NOTES

- 1 ROOF OVERHANG
- 2 HVAC UNIT [HV]
- 3 2- 8'x4' MARKER BOARDS (SEE SPECS. FOR TYPE)
- 4 FINISH FLOORING: (SEE FINISH SCHED.) A5.0
- 5 TYPICAL INTERIOR FINISH (SEE FINISH SCHE-DULE) A5.0
- 6 FIRE EXTINGUISHER - 5 LBS. DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD. BRACKET, HANDLE AT 48" A.F.F.
- 7 MODLINE (M. TYPICAL)
- 8 RAMP (SEE R1.0 & R2.0)

NOTES

1. METAL TAG ON ALL MODULES, MECHANICALLY ATTACHED TO REAR EXTERIOR OF BUILDING SHOW D.S.A. APPLICATION NUMBER, MANUFACTURER'S NAME AND SERIAL NUMBER. ROOF & FLOOR DESIGN LIVE LOAD, AND DESIGN WIND LOAD.
2. INSULATION MATERIALS INSTALLED WITHIN FLOOR-ROOF 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 SEC. 2602.2 WHEN MATERIALS ARE INSTALLED IN CONCEALED SPACES OF TYPES I, II, IV, AND V CONSTRUCTION. THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO FACINGS IF THE FACING IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR OR WALL FINISH. (SEC. 707.3 CBC.)

REVISED

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MAY 1 1999

04 10119

MAY 20 1999

OFFICE OF REGULATION SERVICES

101527

6. FLS SS

98 072

PROJECT NO: XXXX

FILE PATH: -A10.DWG

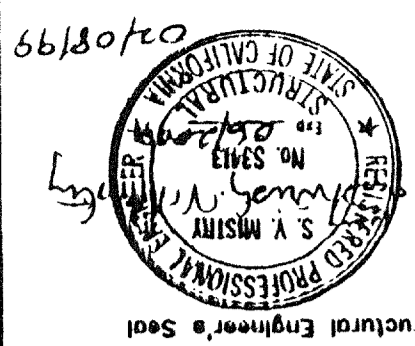
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Electrical Engineer's Seal

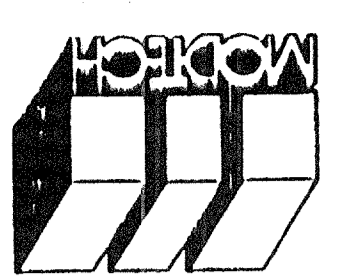
Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal



REVISIONS
 PC - 270
 DATE: APR 19 1999
 BY: [Signature]
 PROJECT NO. 270



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EXTERIOR ELEVATIONS

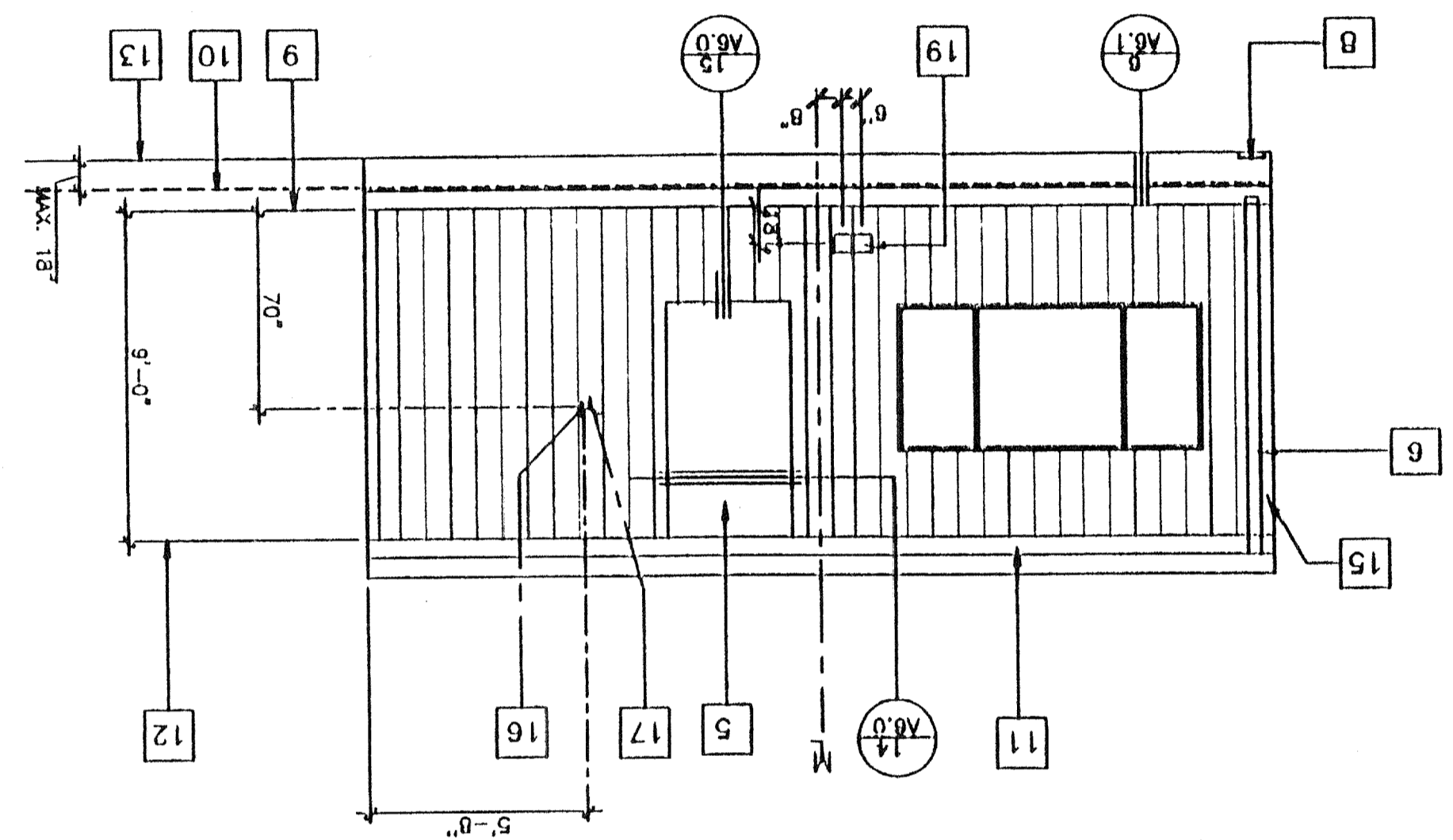
PROJECT NUMBER: MODTECH, INC. 1999

A3.0

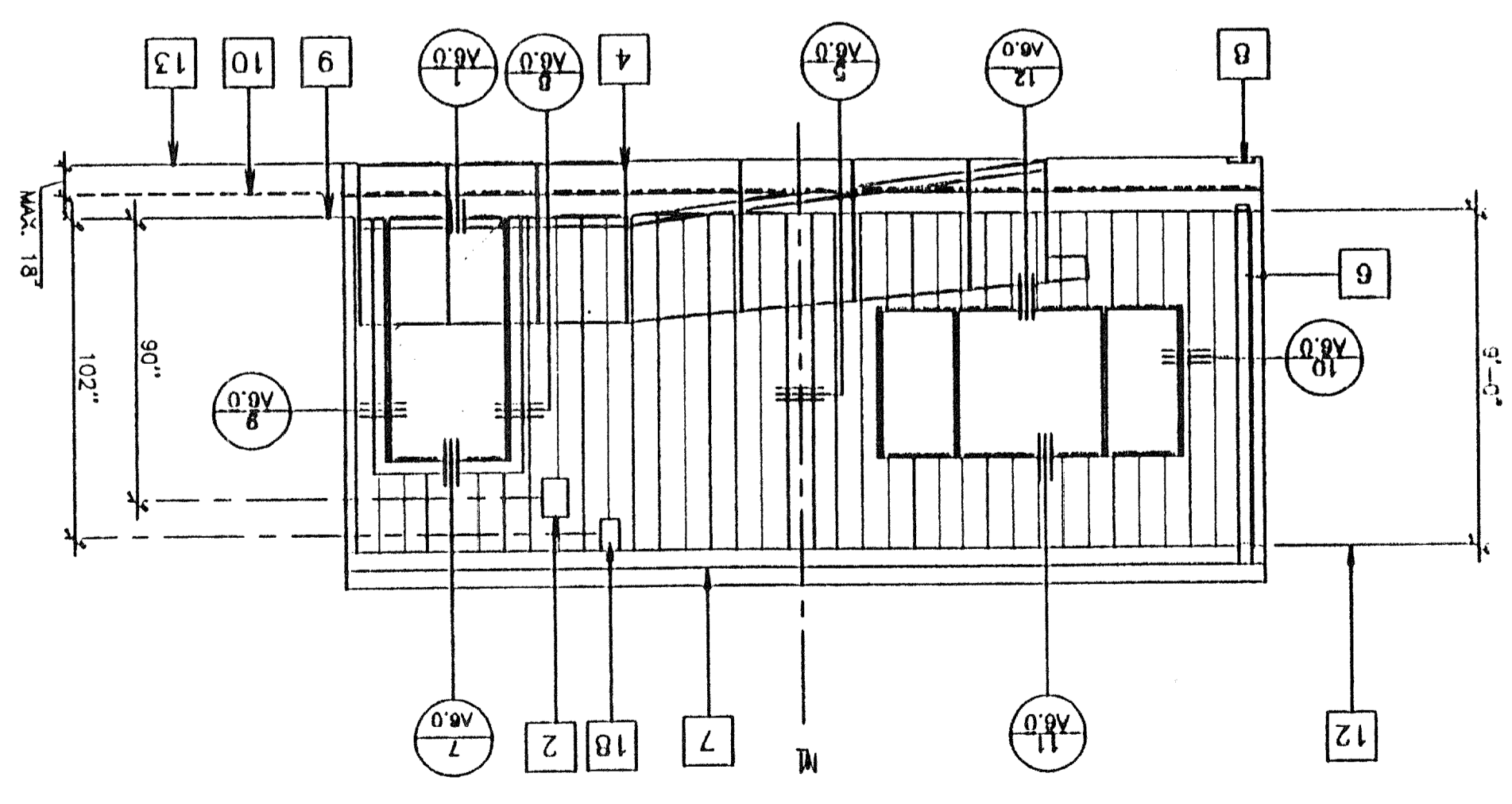
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PROJECT NO. PC-270

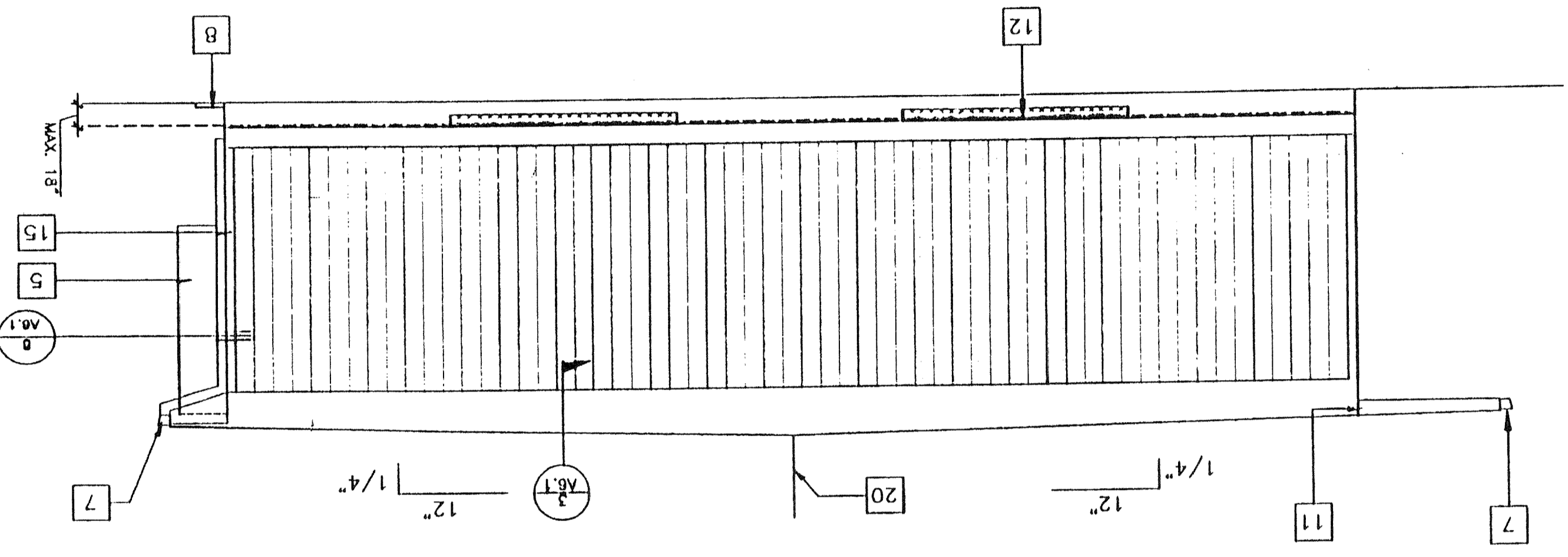
3 REAR ELEVATION



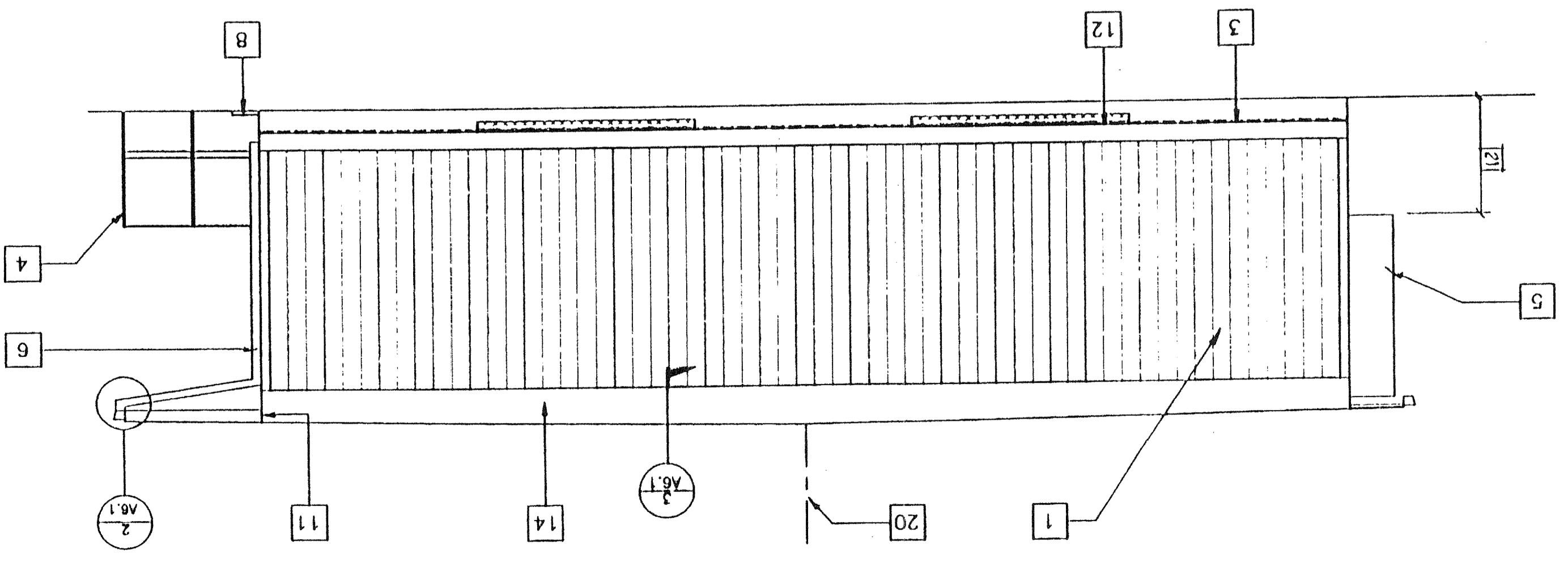
1 FRONT ELEVATION



4 RIGHT ELEVATION



2 LEFT ELEVATION



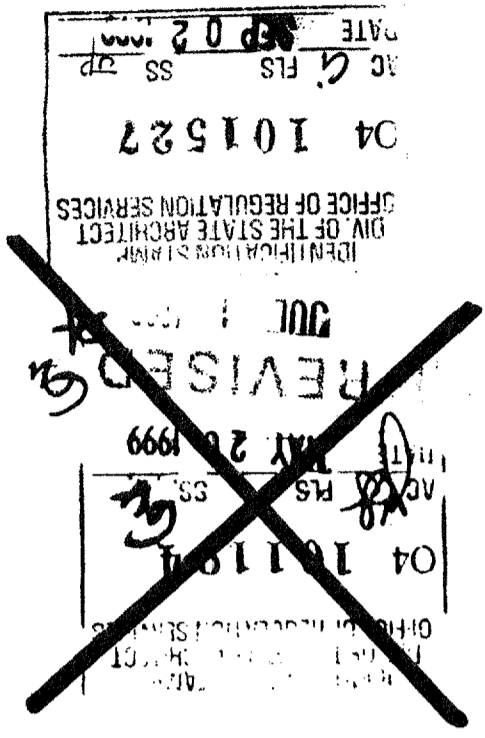
"A" = SHOWN
 "B" = OPPOSITE

NOTES

1. SEE FOUNDATION PLAN FOR SIZE AND LOCATION OF UNDER FLOOR VENTS.

- 1 TYPICAL EXTERIOR SIDING (SEE A5.0)
- 2 EXTERIOR LIGHT FIXTURE (SEE SPEC'S)
- 3 TOP OF SKIRTING
- 4 RAMP AND LANDING SEE SHT. R-1
- 5 HVAC UNIT. SEE [HV]
- 6 DOWNSPOUT (TYP.) FOR (2). FASTEN TO BLD'G. TYP 3 PLACES (SEE B/A6.1)
- 7 CONTINUOUS GUTTER WITH DOWNSPOUT (LOCATION OF DOWNSPOUT SHOWN ON ROOF PLAN) SEE A2.0
- 8 SPLASH BLOCK (BY OTHERS)
- 9 FINISH FLOOR LINE
- 10 BOTTOM FLANGE OF FLOOR BEAM
- 11 ROOF HEADER
- 12 VENT. SEE FOUNDATION PLAN
- 13 FINISH GRADE
- 14 ROOF BEAM SEE [SIR]
- 15 COLUMN SEE [SIR]
- 16 ELECTRICAL STUB-OUT SEE [EL]
- 17 GROUND STUB-OUT SEE [EL]
- 18 J BOX FOR EXT. FA HORN SEE [EL]
- 19 NEMA 6" X 6" GUTTER BOX SEE [EL]
- 20 RIDGE
- 21 IF UNIT IS LOCATED SO AS TO BE IN ANY PATH OF TRAVEL, PROVIDE PROTECTION TO 27. (BY DISTRICT)

KEY NOTES



FILE PATH: PC270A30.DWG

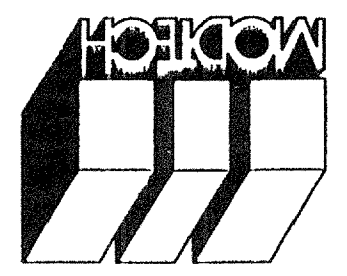
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Electrical Engineer's Seal
 Mechanical Engineer's Seal
 Structural Engineer's Seal
 Architect's Seal

Division of the State Architect
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 AC: _____
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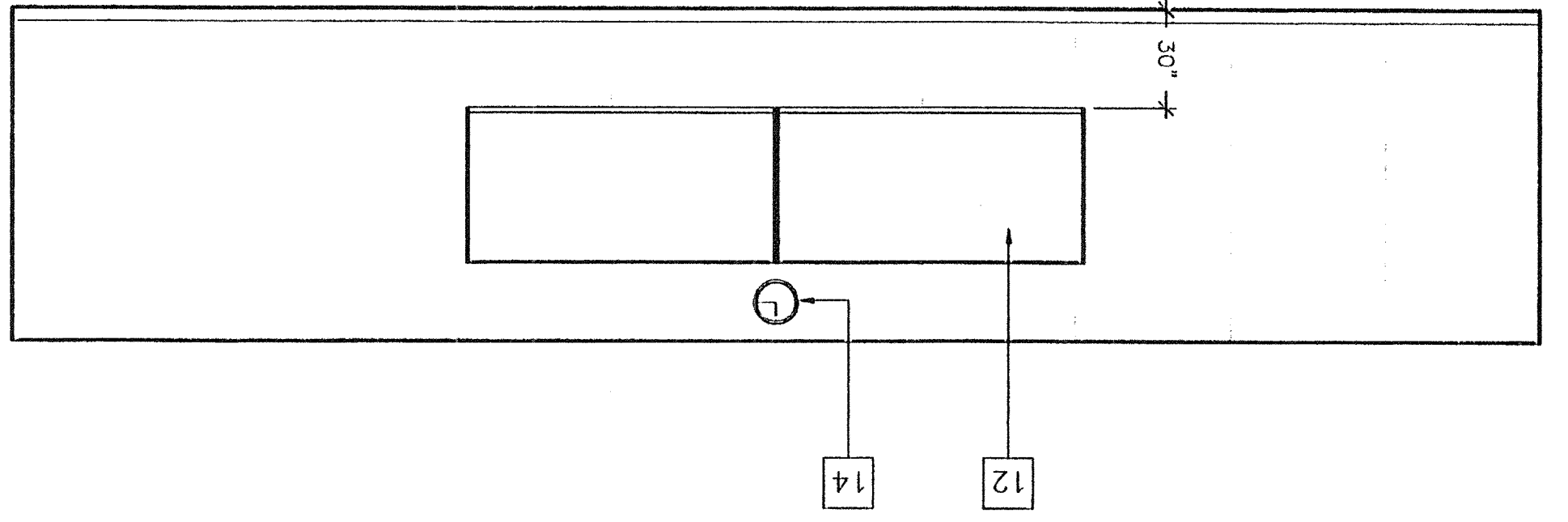
A4.0
 MODTECH Index No.

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 DATE: _____
 MODTECH PROJECT NO: _____

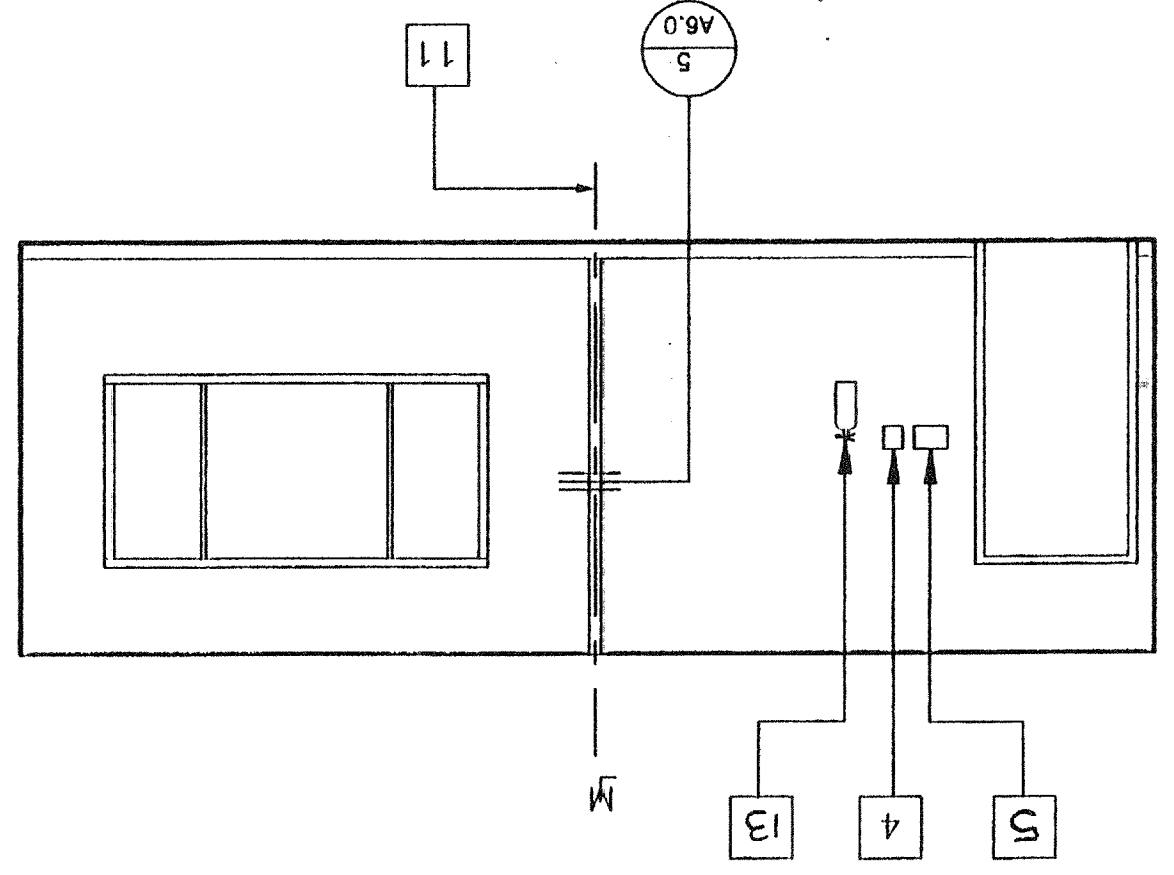
BASED ON PC 270

INTERIOR ELEVATIONS (24' X 40')
 SCALE 1/4"=1'-0"

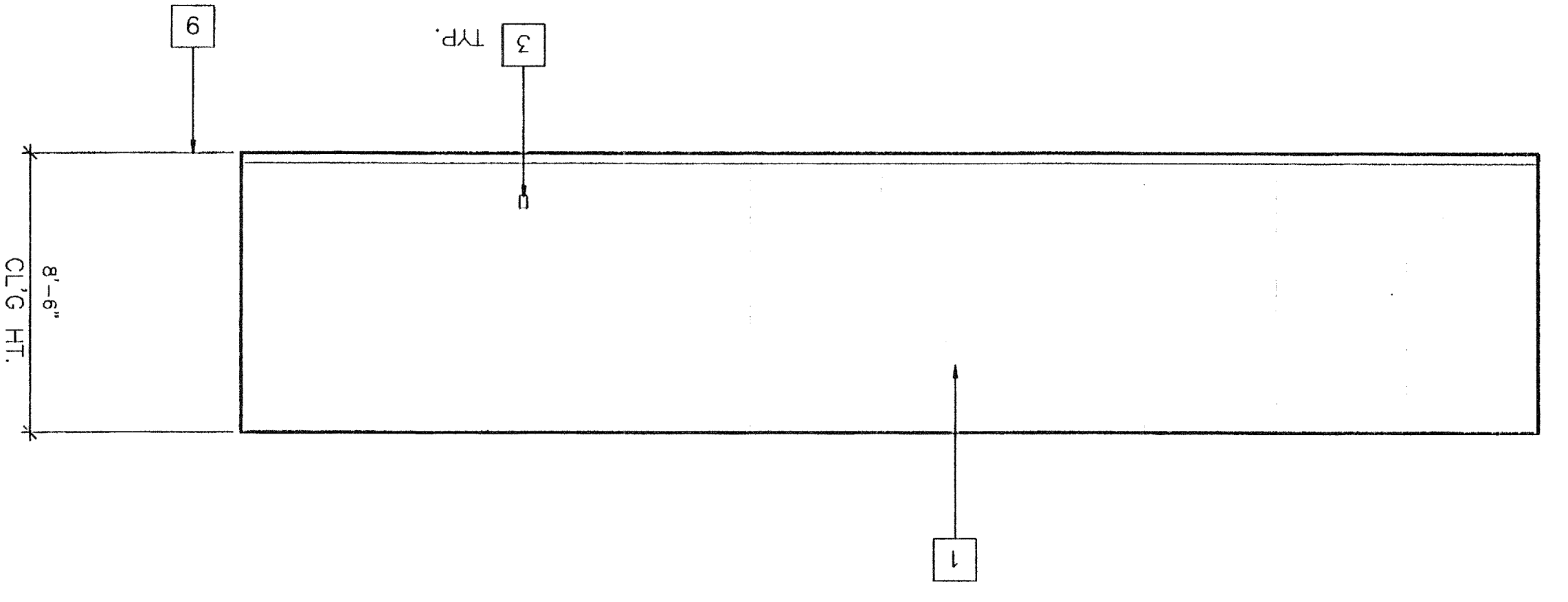
3 RIGHT ELEVATION
 SCALE



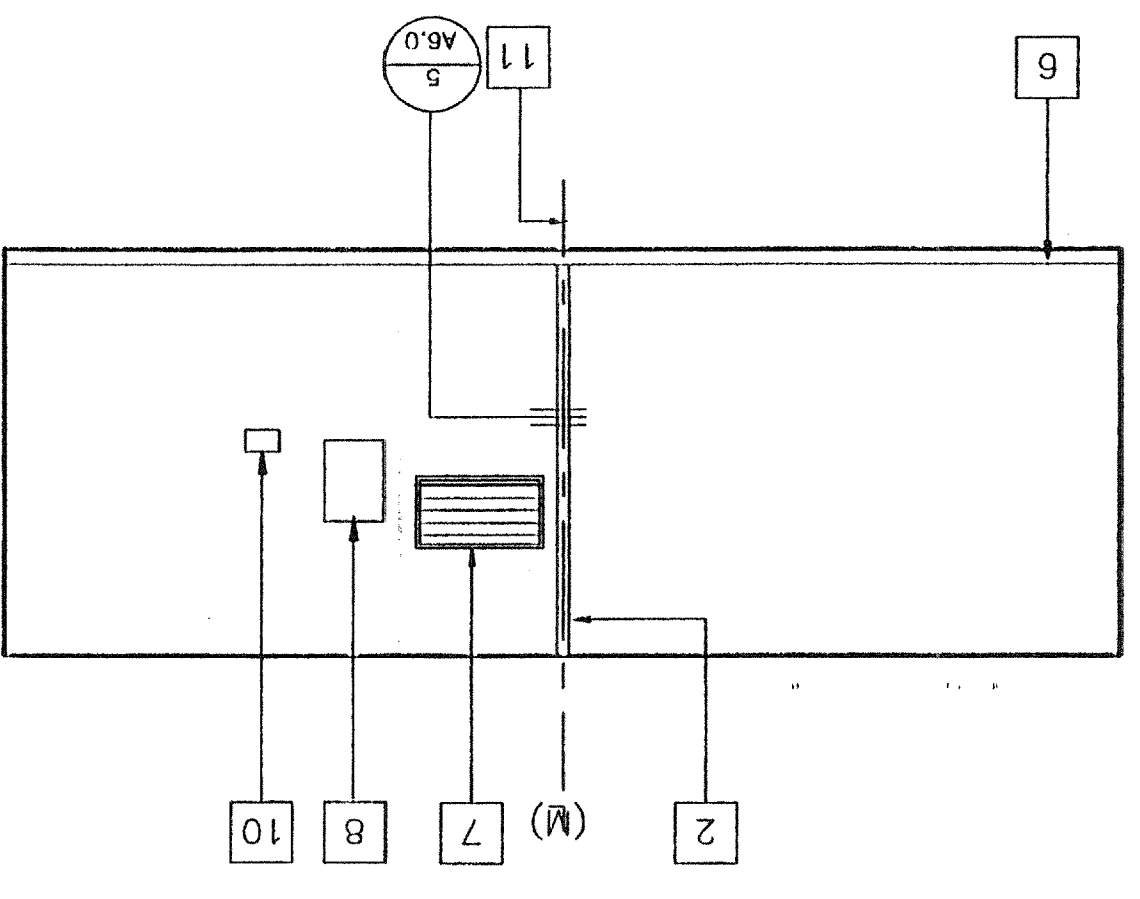
4 FRONT ELEVATION
 SCALE



1 LEFT ELEVATION
 SCALE



2 REAR ELEVATION
 SCALE



- KEY NOTES
- 1 TYPICAL INTERIOR FINISH (SEE FINISH SCHEDULE SHT.A5.0)
 - 2 CLOSURE AT MODULAR JOINT
 - 3 DUPLEX WALL RECEPTACLE [EL]
 - 4 FIRE ALARM PULL STATION [EL]
 - 5 LIGHT SWITCH [EL]
 - 6 TOP SET BASE (TYPICAL) SEE FINISH SCHED.
 - 7 RETURN AIR GRILL
 - 8 ELECTRICAL PANEL [EL]
 - 9 FINISH FLOOR
 - 10 THERMOSTAT [HW]
 - 11 MODULAR JOINT
 - 12 8040 MARKBOARD, TYPICAL FOR (2)
 - 13 FIRE EXTINGUISHER: SLBS, DRY CHEMICAL WITH 2A-10BC U.L. RATING ON WALL MTD.
 - 14 12" DIA. ELECTRIC CLOCK [EL]

~~RECEIVED
 JUL 1 1999
 OFFICE OF REGULATION SERVICES
 DIV. OF THE STATE ARCHITECT
 DATE: MAY 20 1999
 PROJECT NO. 04 101527
 DATE: SEP 02 1999~~

PROJECT NO. _____

FILE PATH: _____

PROJECT NO. 101527
 DATE: 04/10/99
 CHECKED BY: RJC
 DATE: 2-2-98
 DRAWN BY: RJC

NOTES

1. ALL FINISHES SHALL COMPLY WITH C.B.C. CHAPTERS 3.6, 7.8, & 10 & C.F.C. & TITLE 19 C.C.R.

2. FOR DOOR AND DOOR FRAME DATA SEE SPECIFICATIONS ON SHEET A8.0.

ROOM FINISH SCHEDULE

| ROOM NUMBER | ROOM NAME | FLOOR | BASE | WALLS | CEILING | CEILING HEIGHT | REMARKS |
|-------------|-----------|-------|------|--|---------|----------------|-------------|
| 1 | CLASSROOM | A | D | F FRONT F LEFT F REAR F RIGHT | L R | 8'-6" | SEE SIGNAGE |

WINDOW SCHEDULE

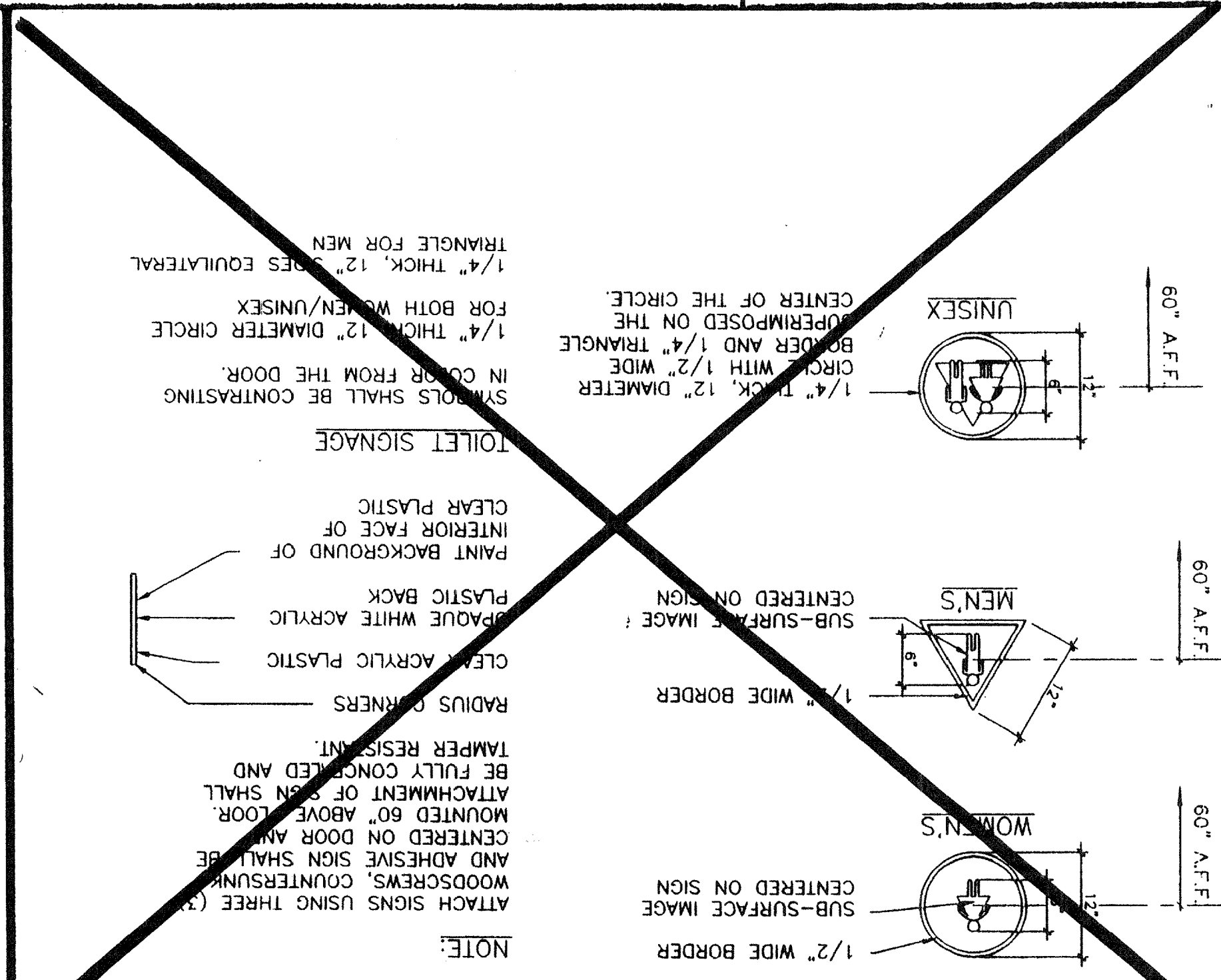
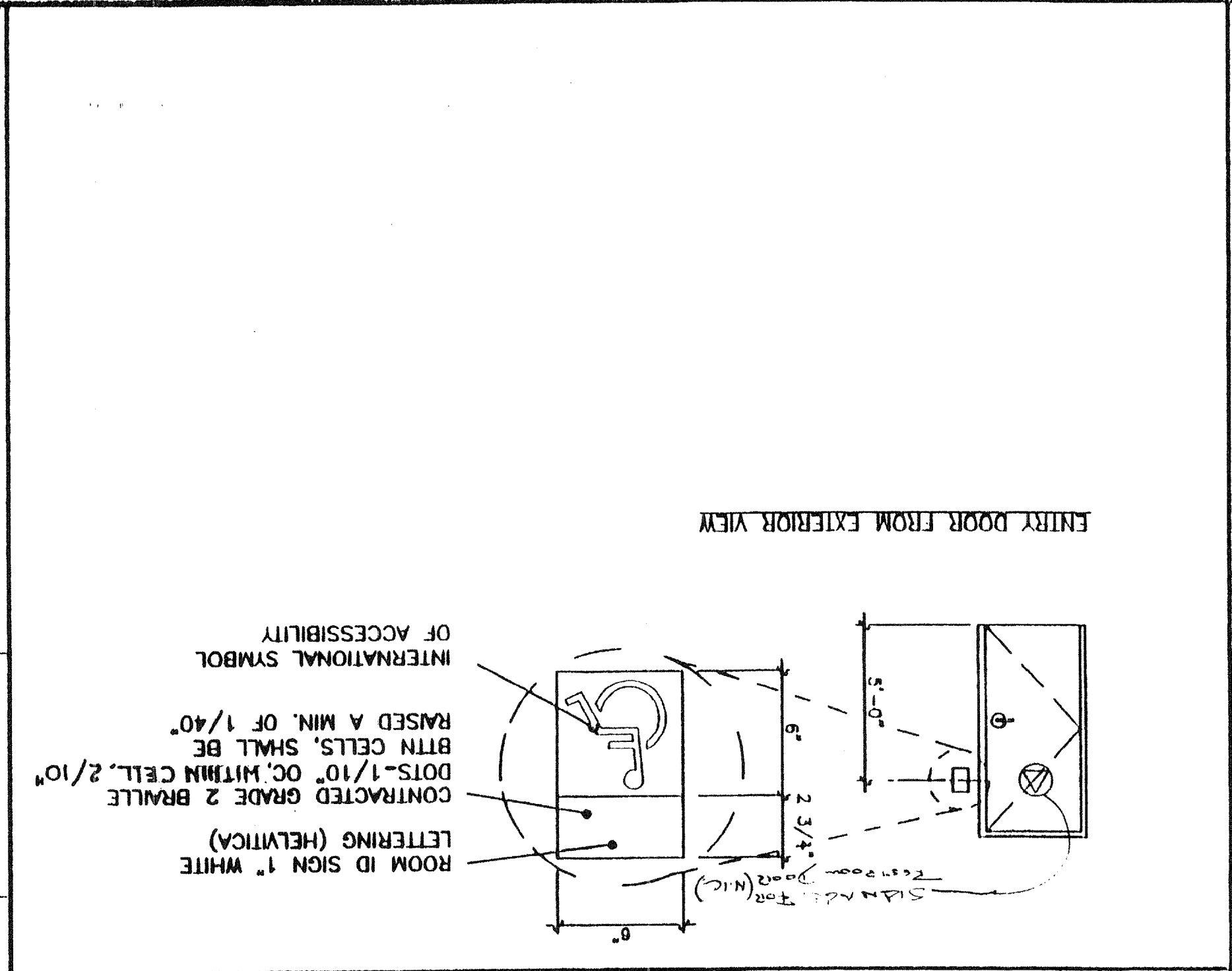
| AMT. | TYPE | WIDTH | HEIGHT | FINISH | FIN. NO. | GLASS TYPE |
|------|------|-------|--------|----------|----------|---------------------------------------|
| 2 | 1 | 6'-0" | 4'-0" | ANODIZED | A | 7/32" MIN. SOLAR GRAY 46% SINGLEGLAZE |

DOOR SCHEDULE

| DOOR NUMBER | FRAME OPENING | MATERIAL | TYPE | FIRE RATING | HARDWARE SET NO. | QUANTITY | MATERIAL | HEAD DETAIL | JAMB DETAIL | SILL DETAIL | JAMB THROAT | NOTE NO. |
|-------------|---------------|----------|------|-------------|------------------|----------|----------|-------------|-------------|-------------|-------------|----------|
| 1 | 3'-0" X 6'-0" | HM | A | NA | 1 | 1 | ALUMINUM | 7/16.0 | 8/16.0 | 1/16.0 | 5-1/8" | |

DOOR ELEVATIONS

1. 0040 XOX ANODIZED ALUMINUM GLAZING: EXTERIOR LITE SHALL HAVE ALUMINUM SCREENS.
 INTERIOR LITE - 1/8" MIN. CLEAR TEMPERED. ALL OPERABLE SASH TRANSMISSION FACTOR OF 46%. 1/4" ALUMINUM SPACER.
 2. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT.
 LEVERS TO RETURN TO WITHIN 1/2" OF DOOR.
 3. ALL DOORS SHALL BE 1-3/4" THICK UNO
 4. DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
 5. SAFETY GLASS, CLEAR
 6. WIRE GLASS
 7. UNDERCUT DOOR
 8. FIXED LOUVER
 9. FUSIBLE LINK LOUVER
 10. VISION PANEL
 11. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 0.5 LBS @ EXTERIOR DOORS AND 5.0 LBS @ INTERIOR DOORS.



FINISH NOTES

1. SUB-FLOOR PREP: PREPARATION FOR SUB FLOOR TO ACCEPT FINISH FLOORING IS BY FLOORING CONTRACTOR. PLYWOOD SUB FLOOR IS 2.4:1 PLYWOOD. OUTER PLY IS PLUGGED AND TOUCH SANDED. ANY DEFORMITIES DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR. THE JOINT AT THE MODULJOINING SHALL NOT BE LARGER THAN 1/8" AND SHALL BE FILLED AND SANDED BY FLOORING CONTRACTOR.

DOOR NOTES

1. DOOR HANDLES FOR LOCKSETS TO BE CENTERED @ 30" AFF & DEADBOLTS @ 44" AFF.
 2. HARDWARE TO BE OPENABLE FROM THE INSIDE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT.
 3. ALL DOORS SHALL BE 1-3/4" THICK UNO
 4. DOUBLE LETTERS IN SCHEDULE, INDICATES A PAIR OF DOORS.
 5. SAFETY GLASS, CLEAR
 6. WIRE GLASS
 7. UNDERCUT DOOR
 8. FIXED LOUVER
 9. FUSIBLE LINK LOUVER
 10. VISION PANEL
 11. CLOSURE SHALL BE SET FOR MAXIMUM OPENING PRESSURE OF 0.5 LBS @ EXTERIOR DOORS AND 5.0 LBS @ INTERIOR DOORS.

HARDWARE SCHEDULE

1. DOOR LOCKSET - SCHLAGE D70PD, RHODES LEVER, OR EQUAL
 2. DOOR LOCKSET - SCHLAGE D40S OR EQUAL
 3. DOOR LOCKSET - SCHLAGE D40S OR EQUAL
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 100. DOOR LOCKSET - SCHLAGE D40S OR EQUAL

HARDWARE SET #1

LOCKSET - SCHLAGE D70PD, RHODES LEVER, OR EQUAL
 BUTTS - 1-1/2 PAIR HAGER 1279 BB 4-1/2 x 4-1/2 NRP 26D OR EQUAL
 CLOSER - NORTON 0500 DA / LCN 1460 OR EQUAL
 THRESHOLD - PEMCO 271A OR EQUAL
 DOOR BOTTOM - PEMCO 216AV OR EQUAL
 WEATHERSTRIP - PEMCO 299AV OR EQUAL
 DOOR STOP - QUALITY #44 OR EQUAL
 LHMWARE SET #2 (INTERIOR TOILET ROOM / PRIVACY)
 LOCKSET - SCHLAGE D40S OR EQUAL
 BUTTS - 1-1/2 PAIR HAGER 1279 4-1/2 x 4-1/2 26D

WINDOW ELEVATIONS

TOILET SIGNAGE

SYMBOLS SHALL BE CONTRASTING
 IN COLOR FROM THE DOOR
 1/4" THICK, 12" DIAMETER
 BORDER AND 1/4" TRIANGLE
 SUPERIMPOSED ON THE
 CENTER OF THE CIRCLE
 FOR BOTH MEN/WOMEN
 1/4" THICK, 12" DIAMETER
 TRIANGLE FOR MEN
 1/4" THICK, 12" DIAMETER
 TRIANGLE FOR MEN

REVISIONS

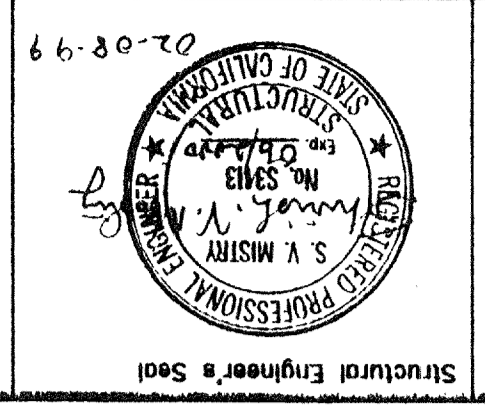
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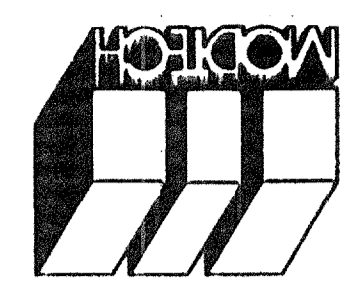
PROJECT NUMBER: MODTECH, INC. 1998

SCHEDULE SHEET

A5.0



REVISED
 IDENTIFICATION SYMBOL
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-270
 DATE: FEB 19 1999
 AC: [Signature]
 RLS: SS



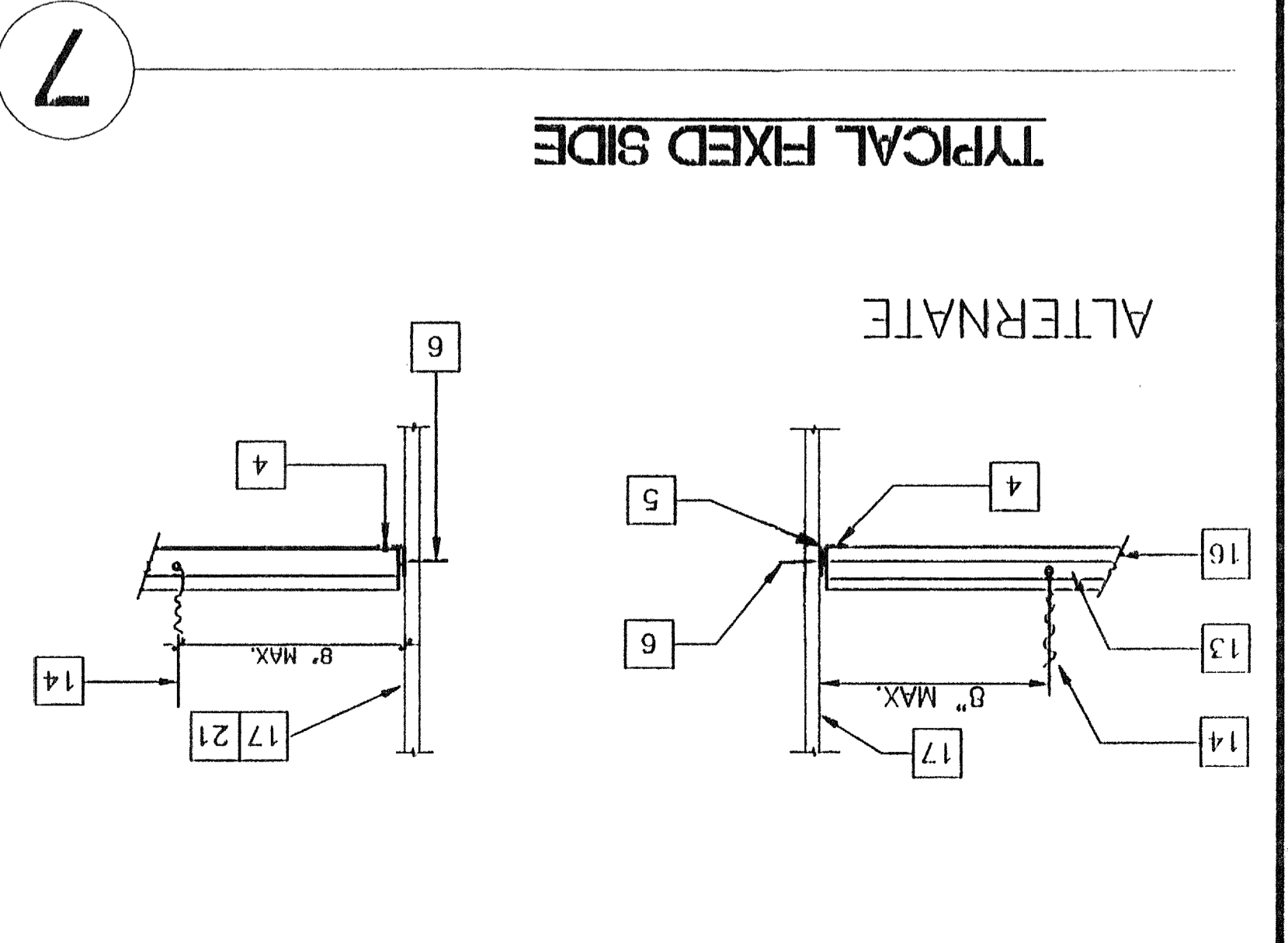
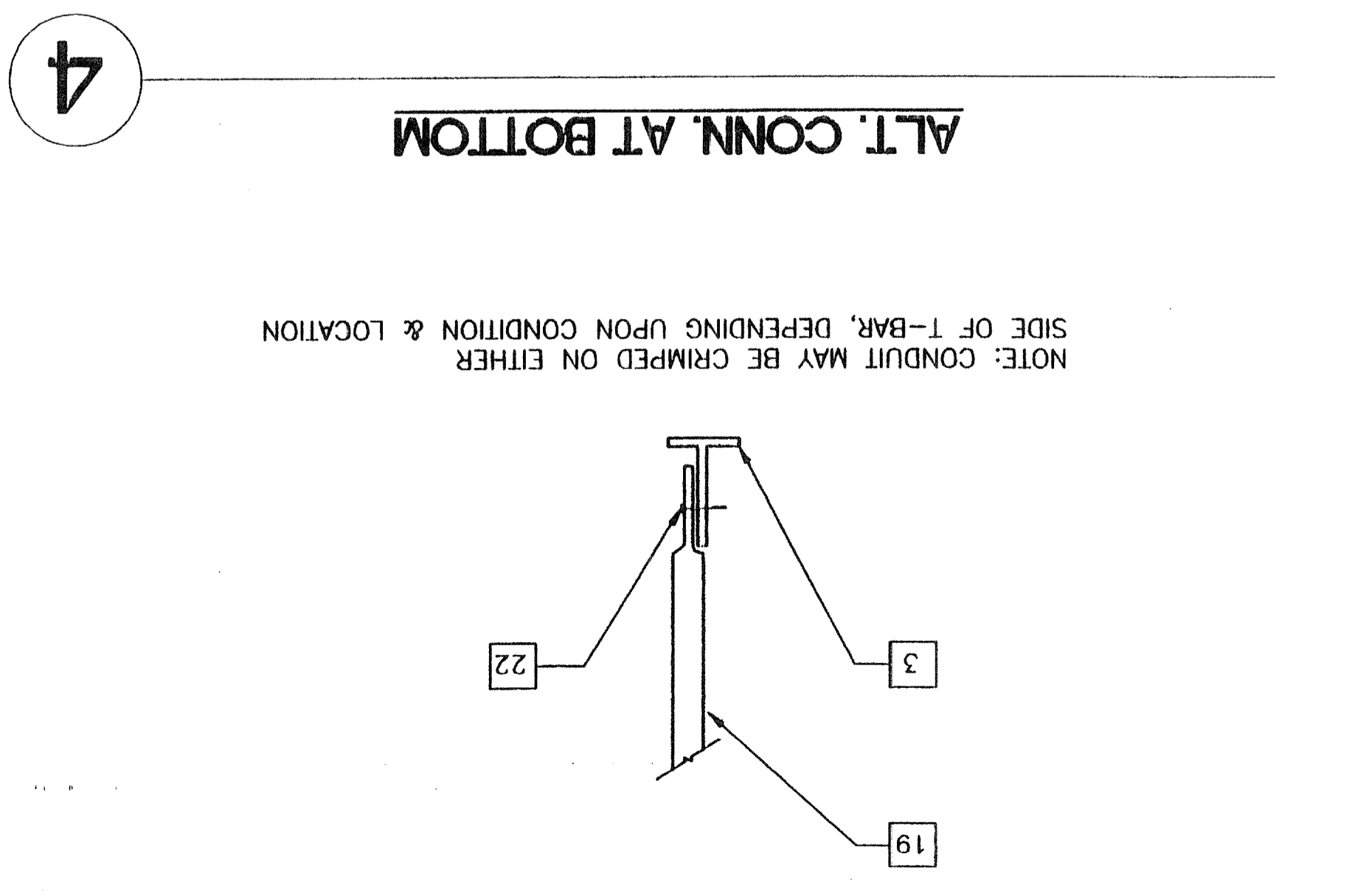
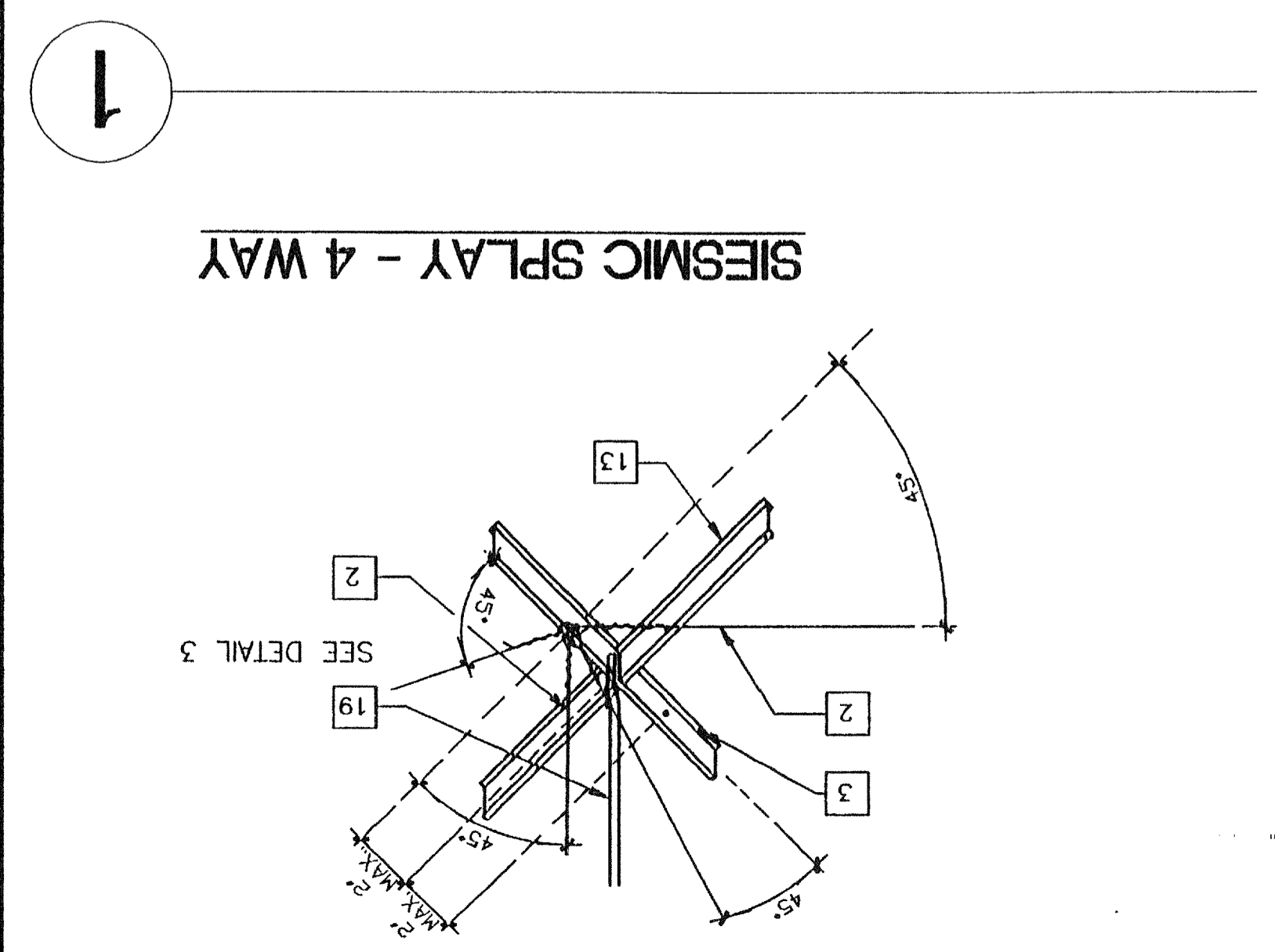
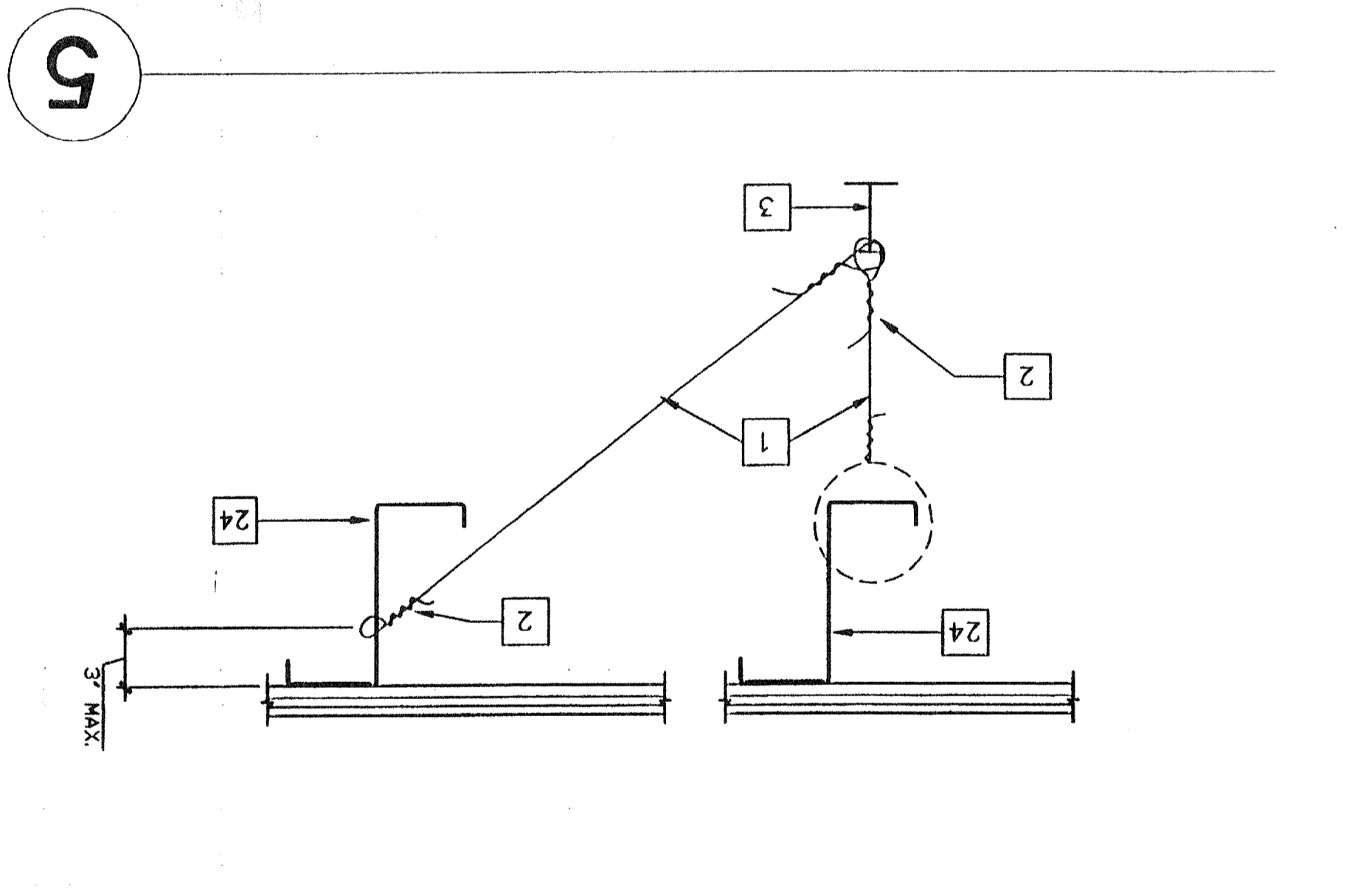
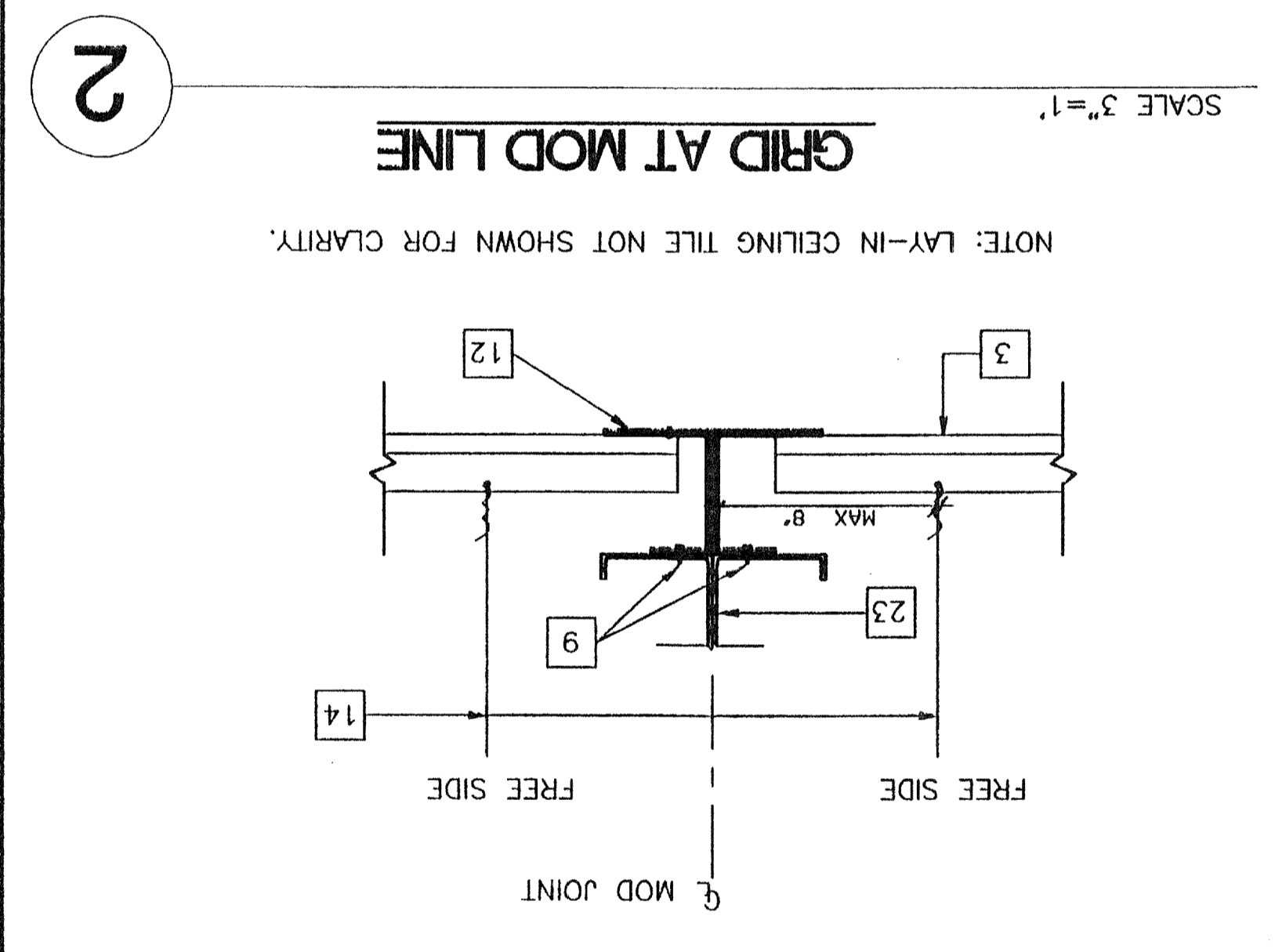
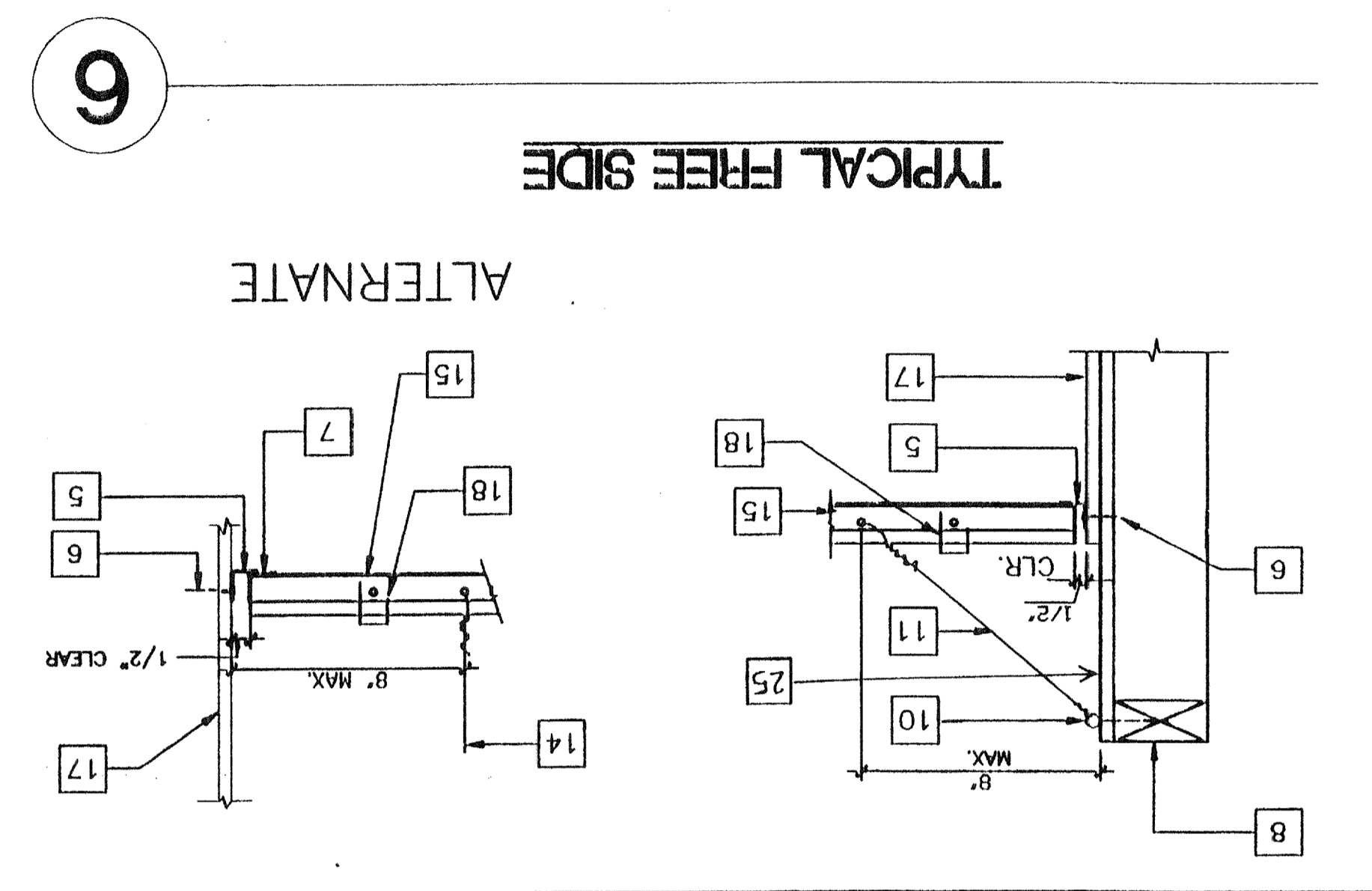
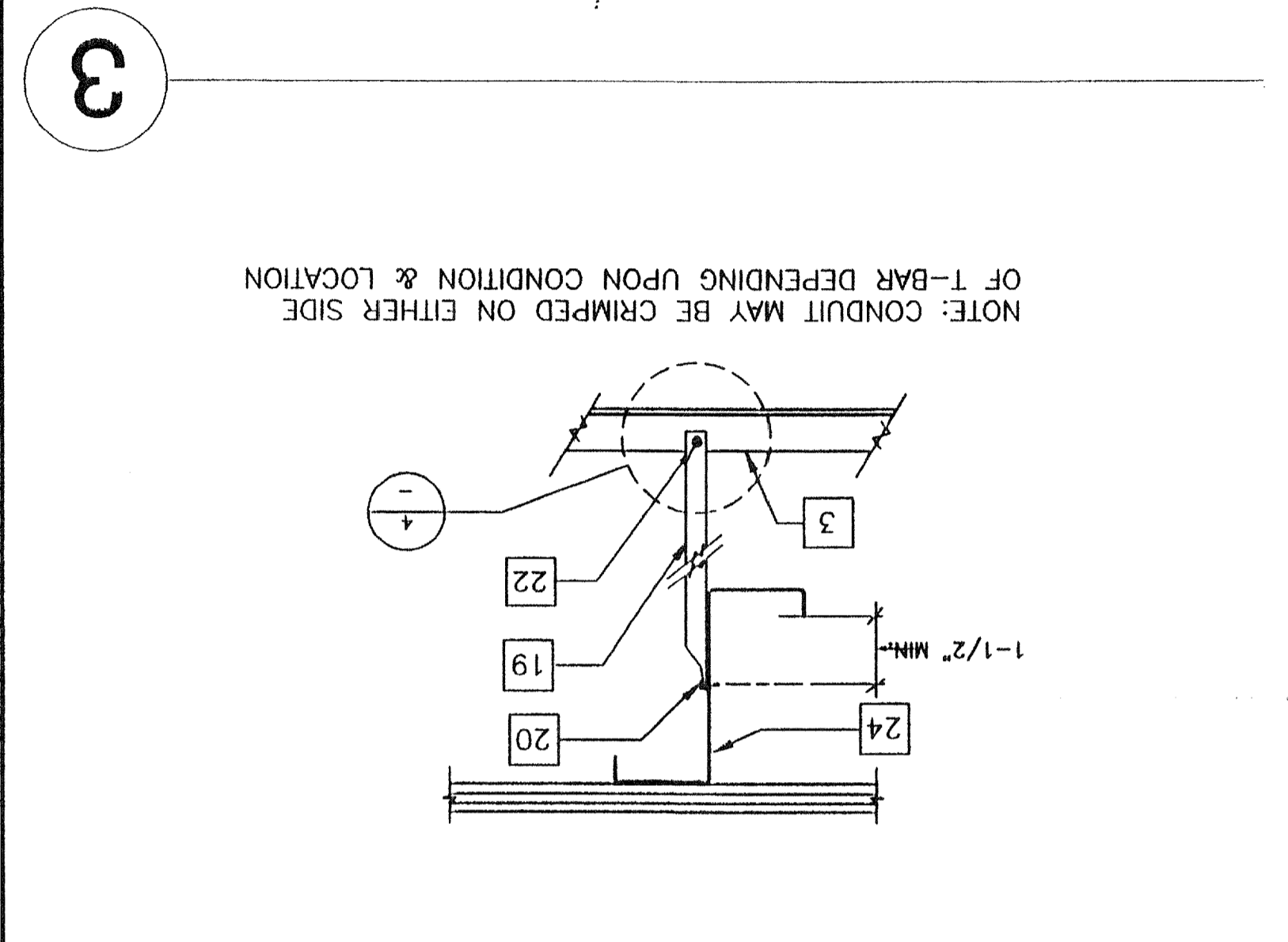
MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

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REFLECTED CEILING DETAILS

A7.1

PROJECT NO. PC-270



- KEY NOTES**
- 12GA. HANGER OR DIAGONAL SPLAY WIRE IN PUNCHED OR DRILLED HOLE
 - 12GA. WIRE WITH 4 WRAPS IN 1 1/2" (TYP.) WIRE TO RUN PERPENDICULAR TO MAIN TEE
 - 3 MAIN RUNNER
 - 1/8" Ø POP RIVET TO EACH T-BAR
 - WALL ANGLE
 - 6d 16" Ø FRAMING TO WALL STUD WHEN METAL STUDS ARE USED
 - #8 S.T.S.M.S. WHEN METAL STUDS ARE USED CONNECTION TO WALL ANGLE
 - ANGLE WITH 1/8" Ø POP RIVET TO EACH T-BAR NO TOP PLATE
 - #10 S.T.S.M.S. @ 4' O.C.
 - 3" X 1/4" EYED SCREW, 1/8" X 2" JIF-E SCREW WHEN METAL STUDS ARE USED
 - HANGER TO WALL WHERE NO RAFTER ABOVE MAX SLOPE 1" IN 6"
 - 28 GA. JETCOAT
 - CROSS TEE
 - 12GA. HANGER WIRE AT THE END ON EACH RUNNER MIN. 4 WRAPS IN MAX 1 1/2" - SEE DETAIL #5 FOR WIRE TO PURLIN ATTACHMENT
 - MAIN RUNNERS OR CROSS TEES
 - ACOUSTICAL BOARD
 - FINISH WALL
 - 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
 - 3/4" EMT CONDUIT - MAX 5'-2" (COMPRESSION STRUT)
 - CRIMP CONDUIT AND ATTACH TO RAFTER WITH (2) #8 TEK SCREW
 - PROVIDE SPACE AT ALL MEMBERS AT OPPOSITE WALL
 - CRIMP CONDUIT AND ATTACH TO T-BAR GRID WITH #8 TEK SCREW
 - ROOF BEAM SEE (SM)
 - ROOF PURLIN SEE (SM)
 - CARPET GFR BRD. TO TOP PLATE FOR FIRE BLOCKING.

~~REVISED~~
 DATE: MAR 20 1999
 AC: [Signature]
 RLS: SS
 04 101522
 OFFICE OF REGULATION SERVICES
 DIV. OF THE STATE ARCHITECT

FILE PATH: PC270A71.DWG

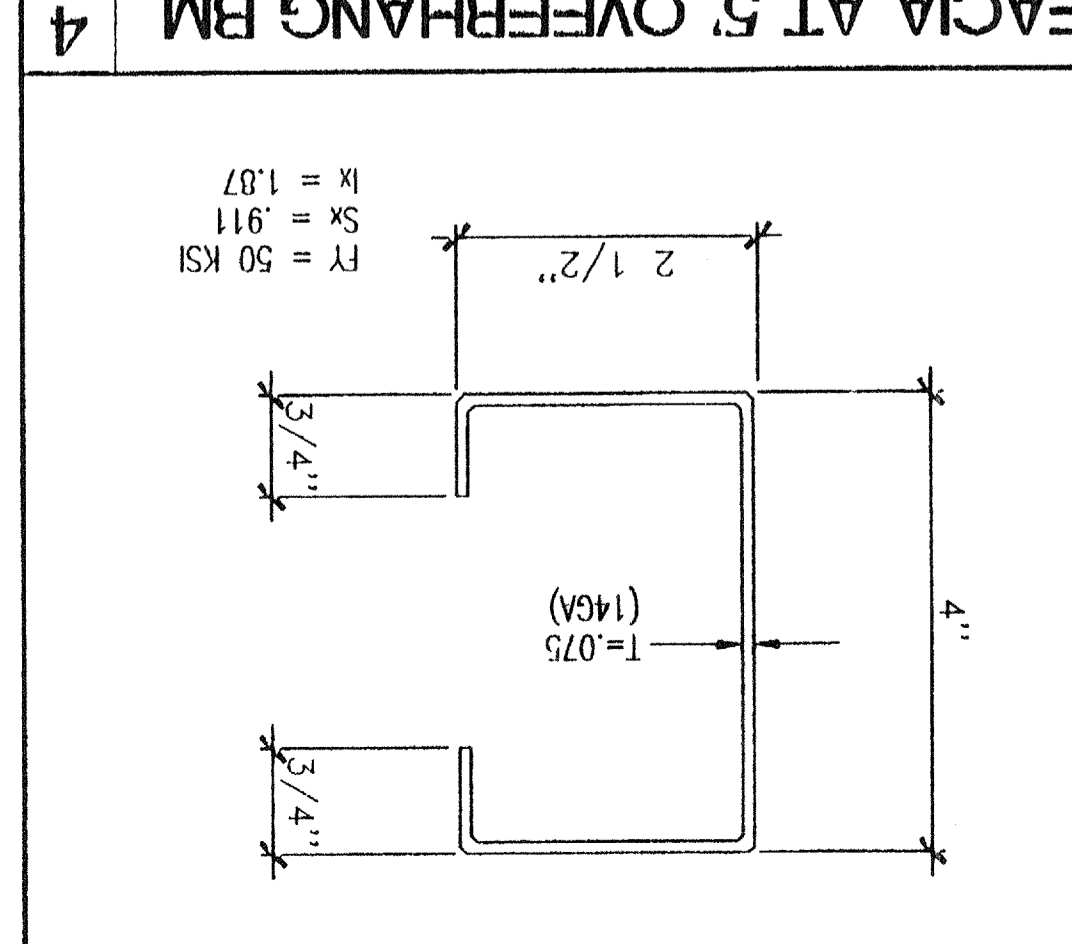
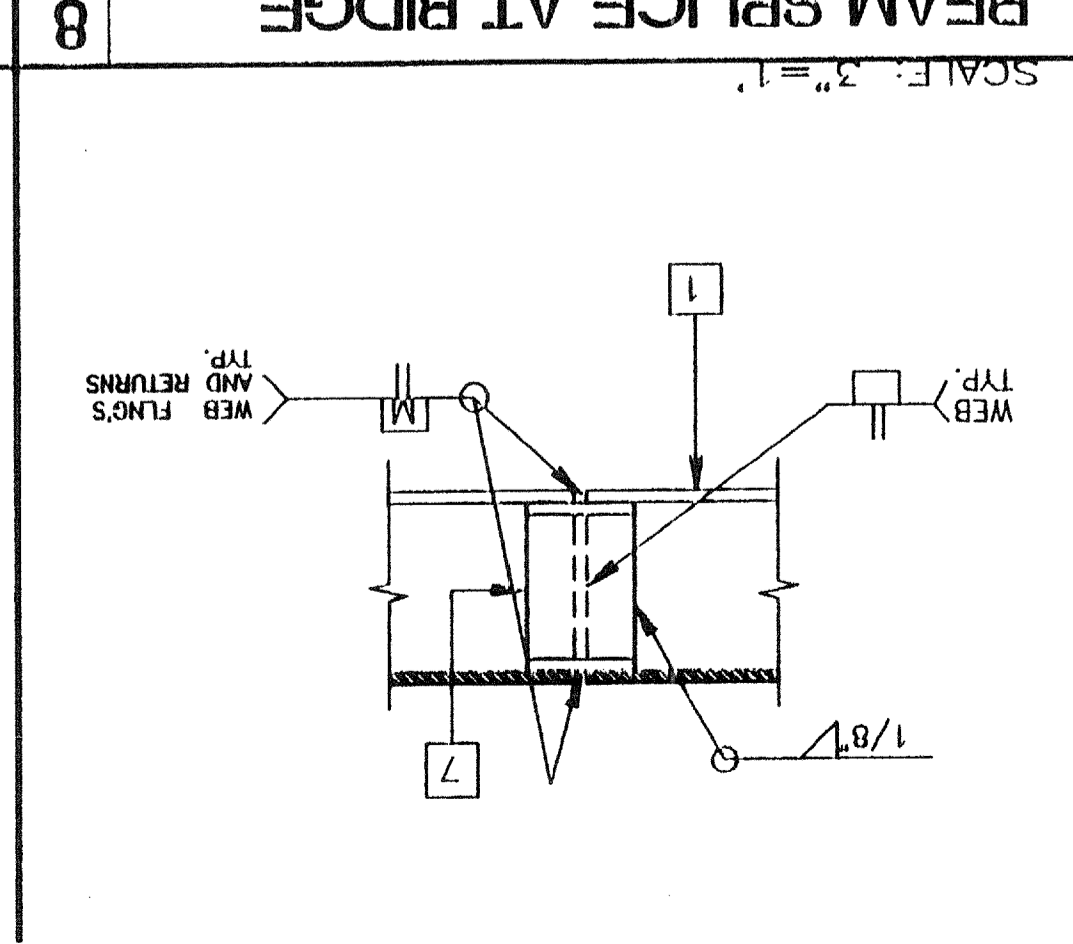
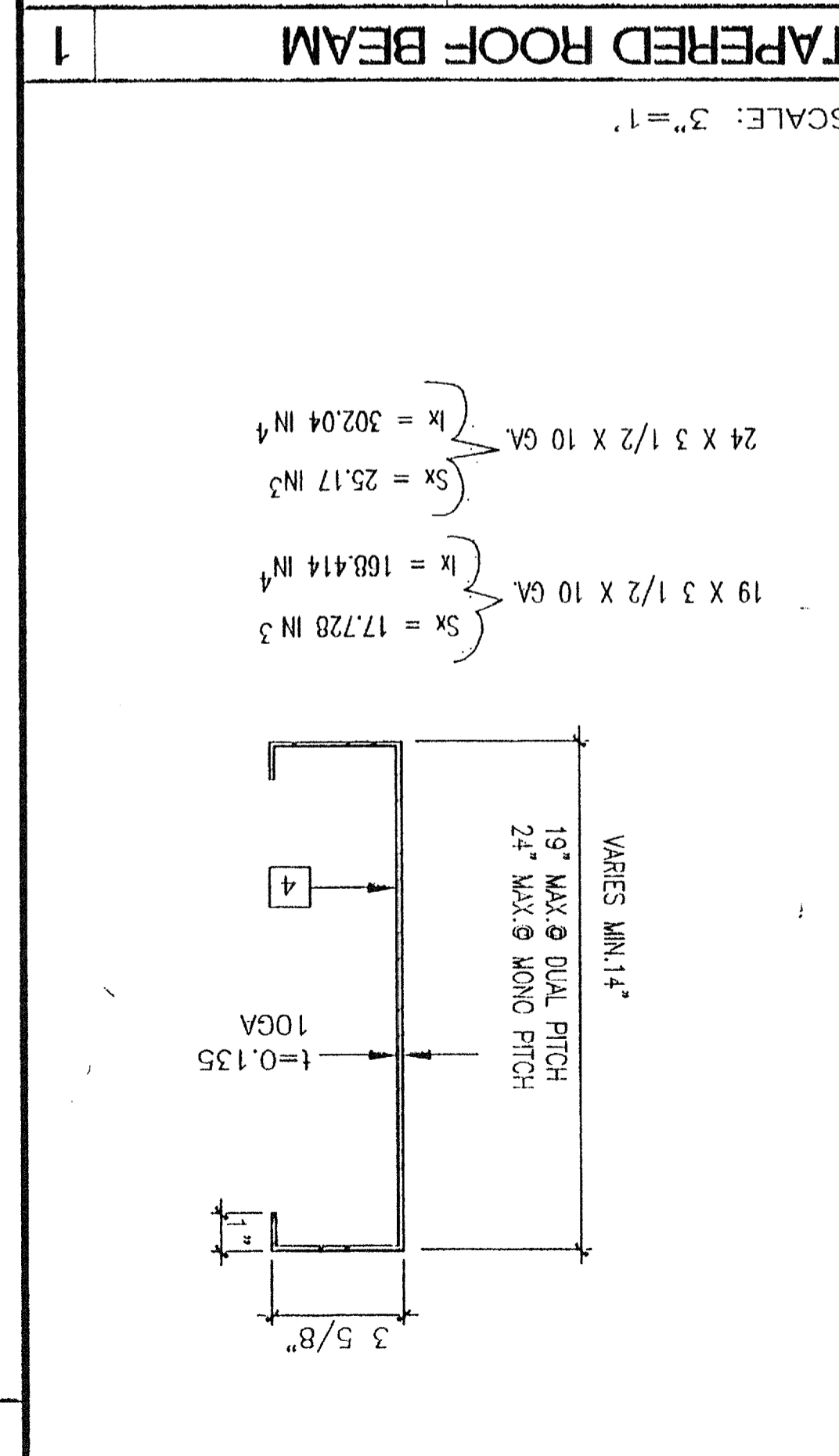
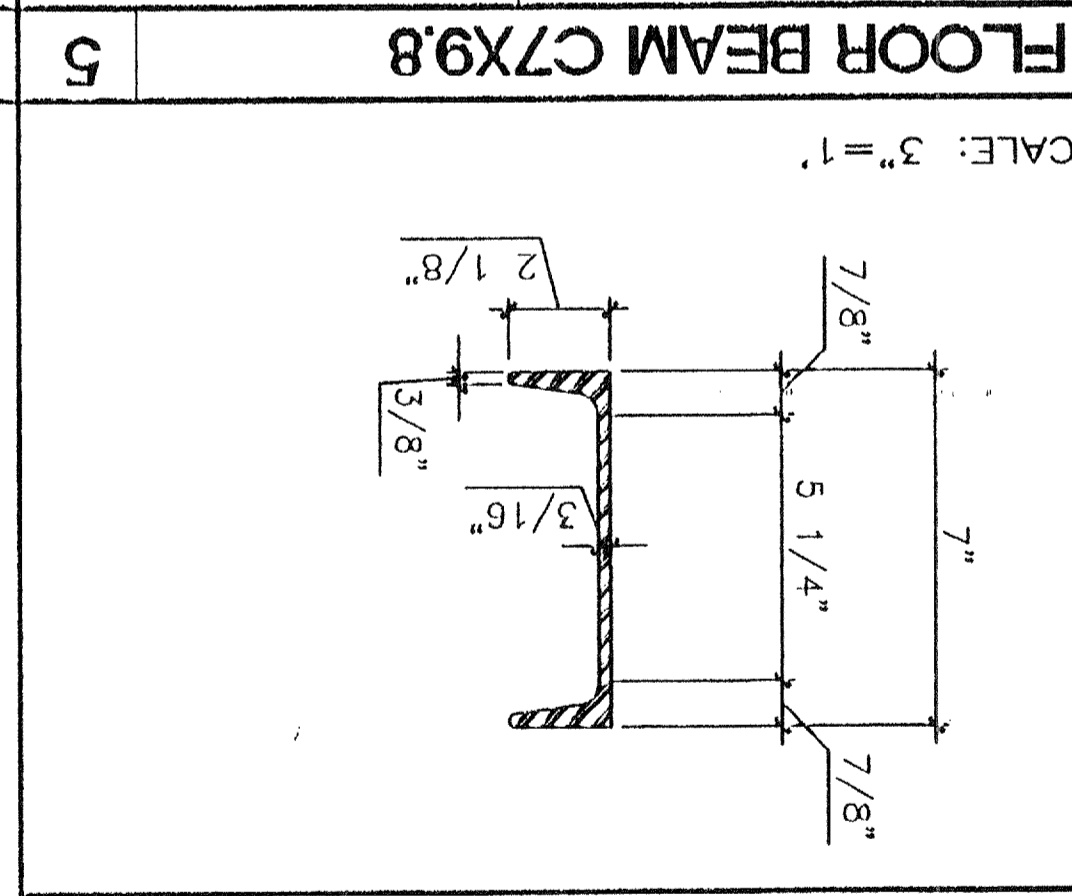
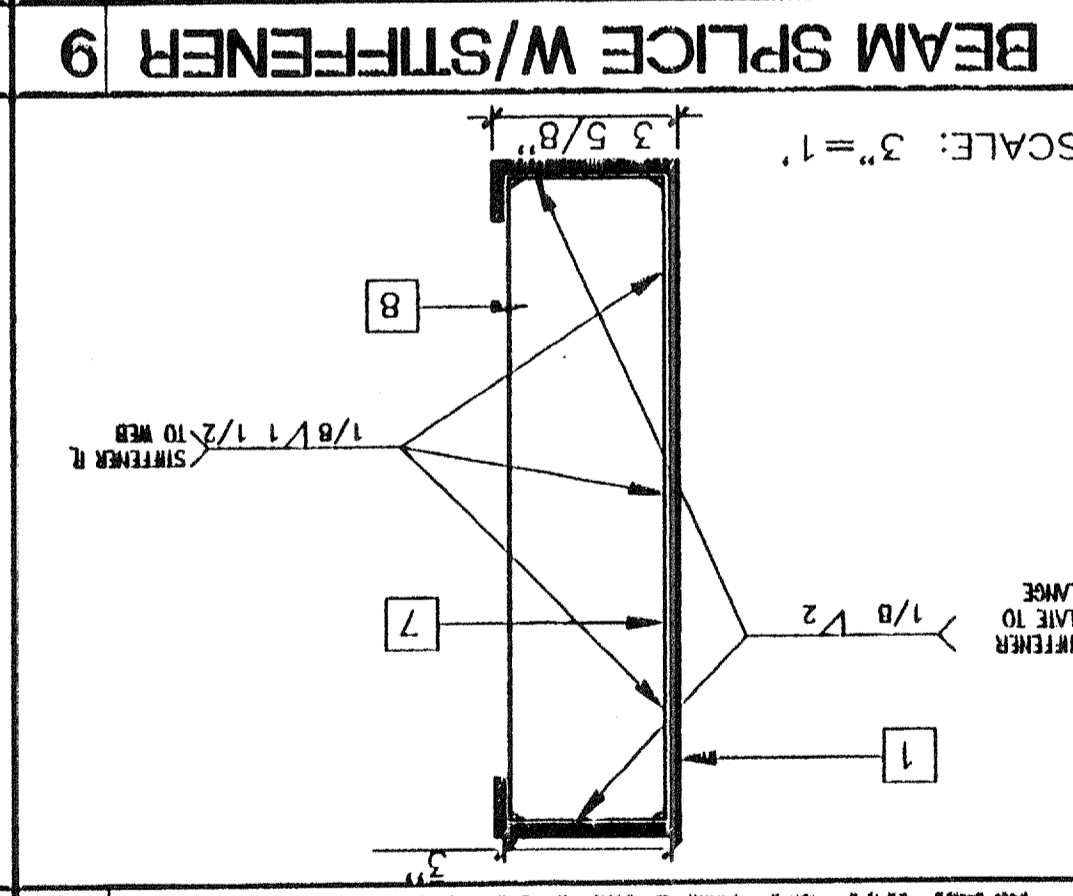
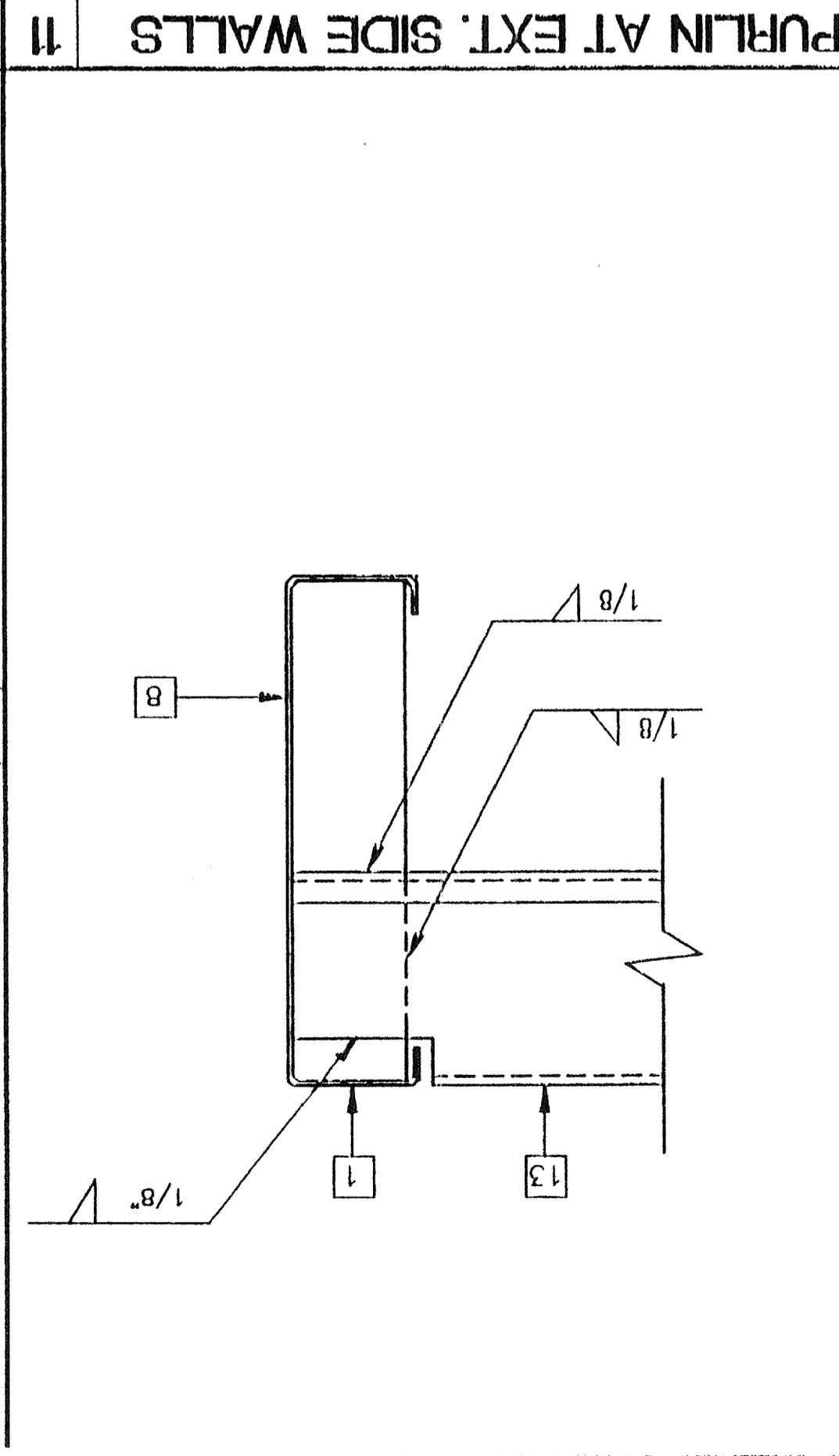
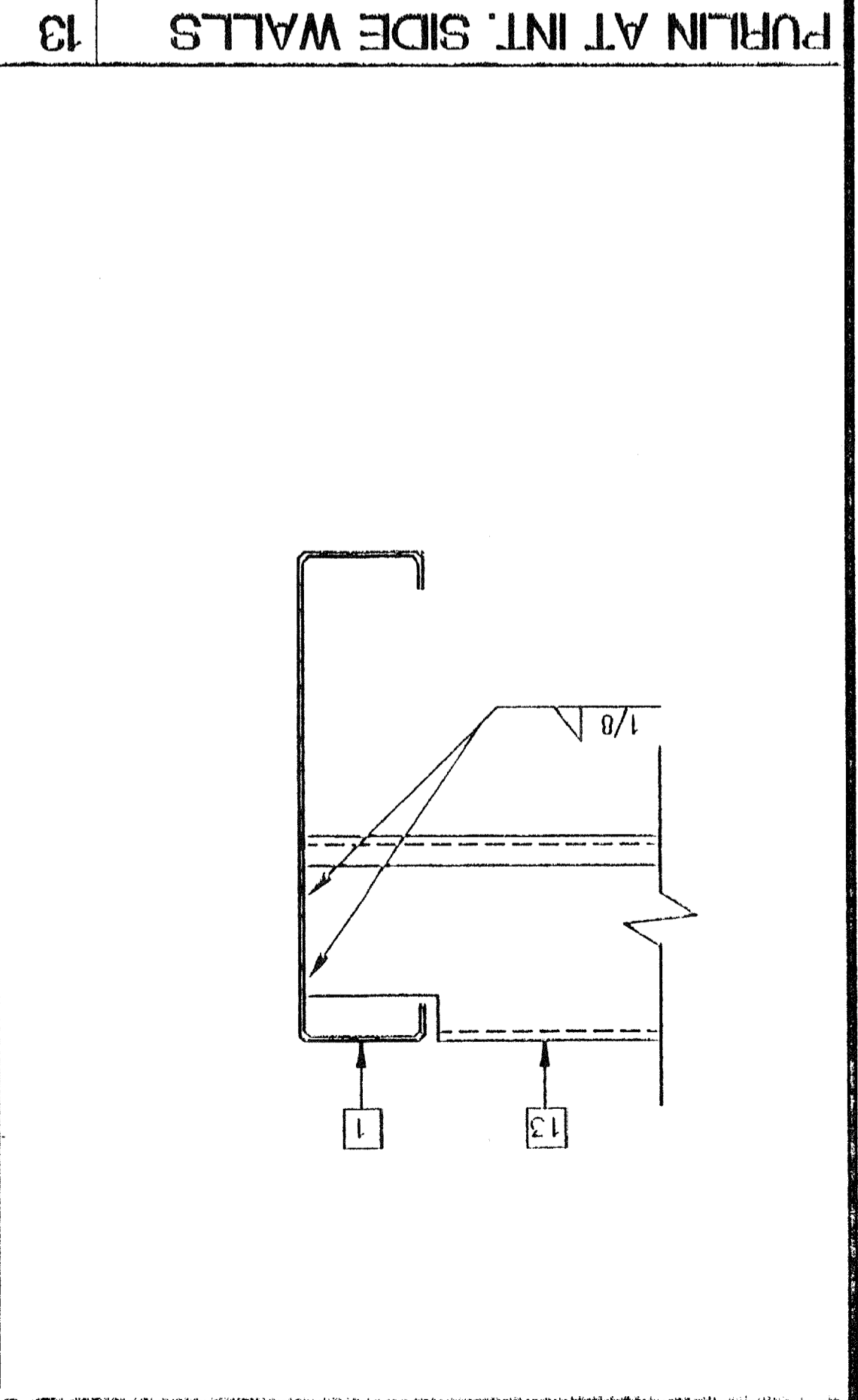
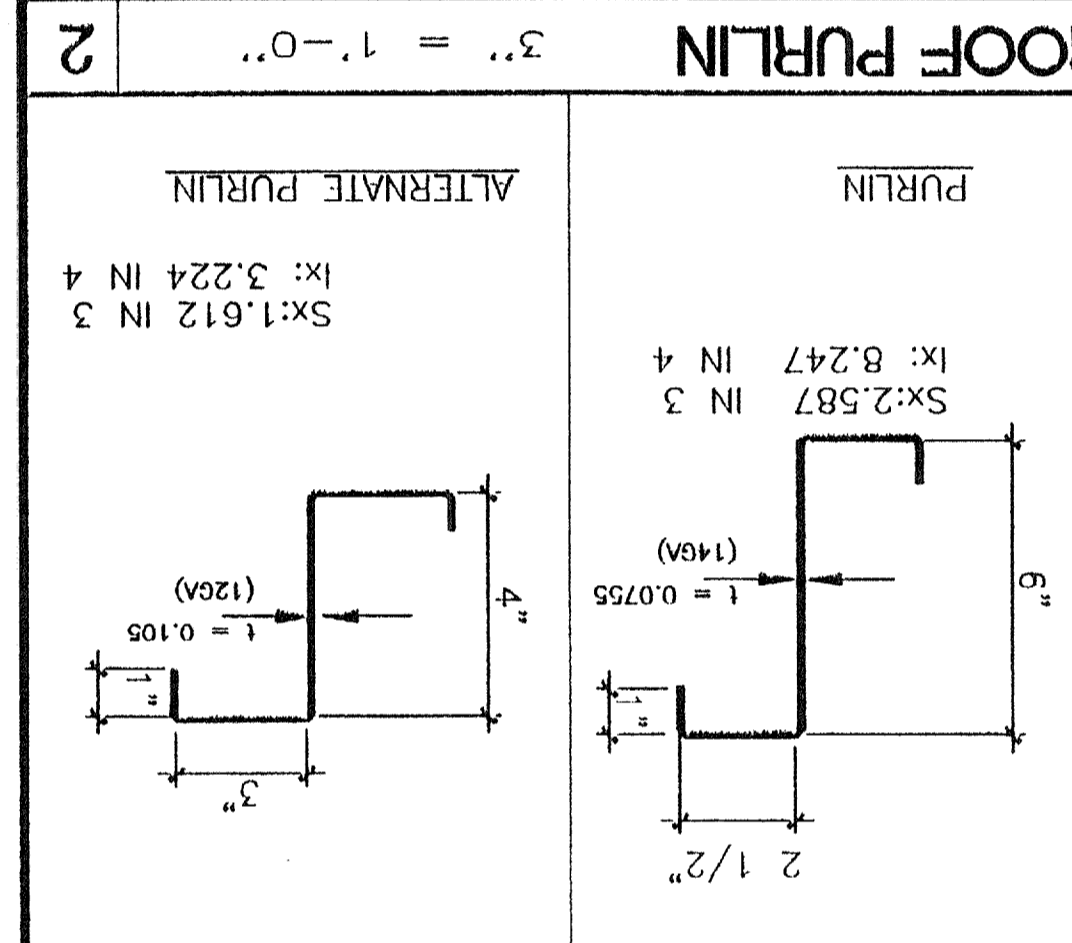
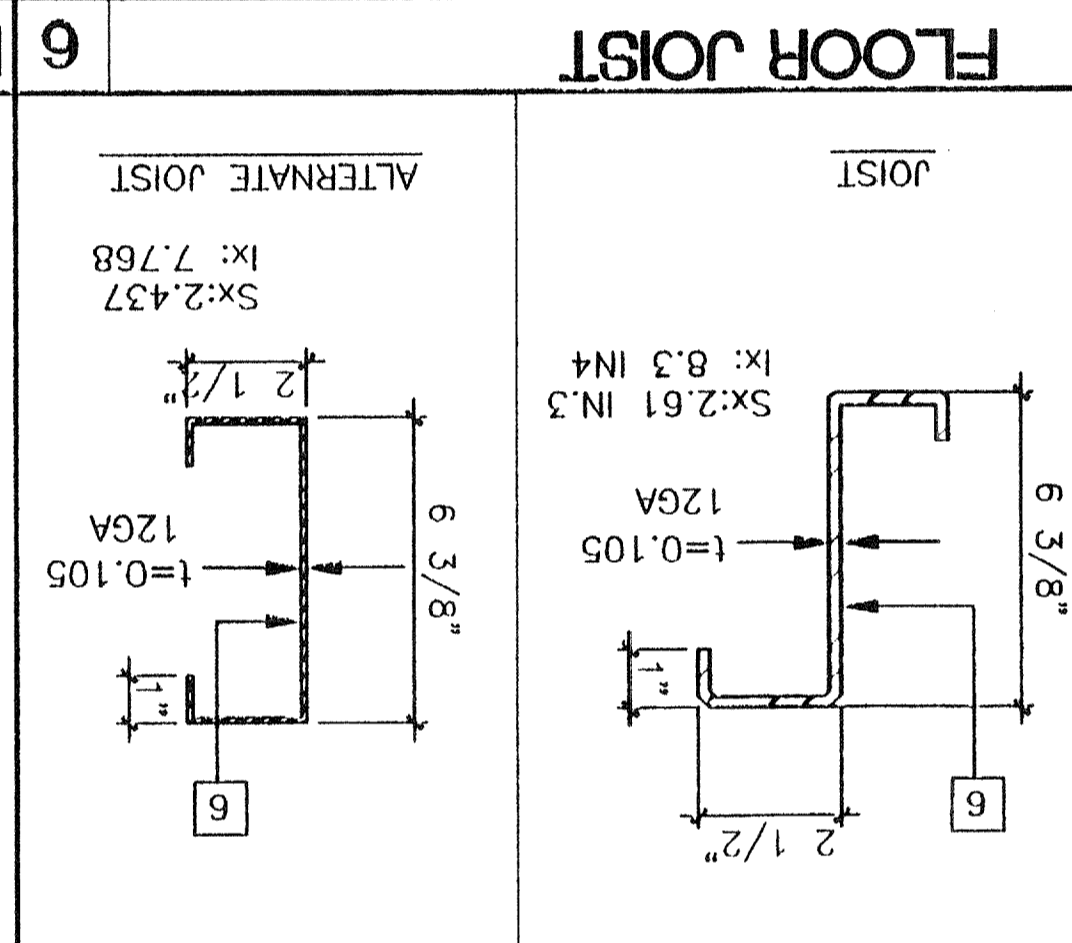
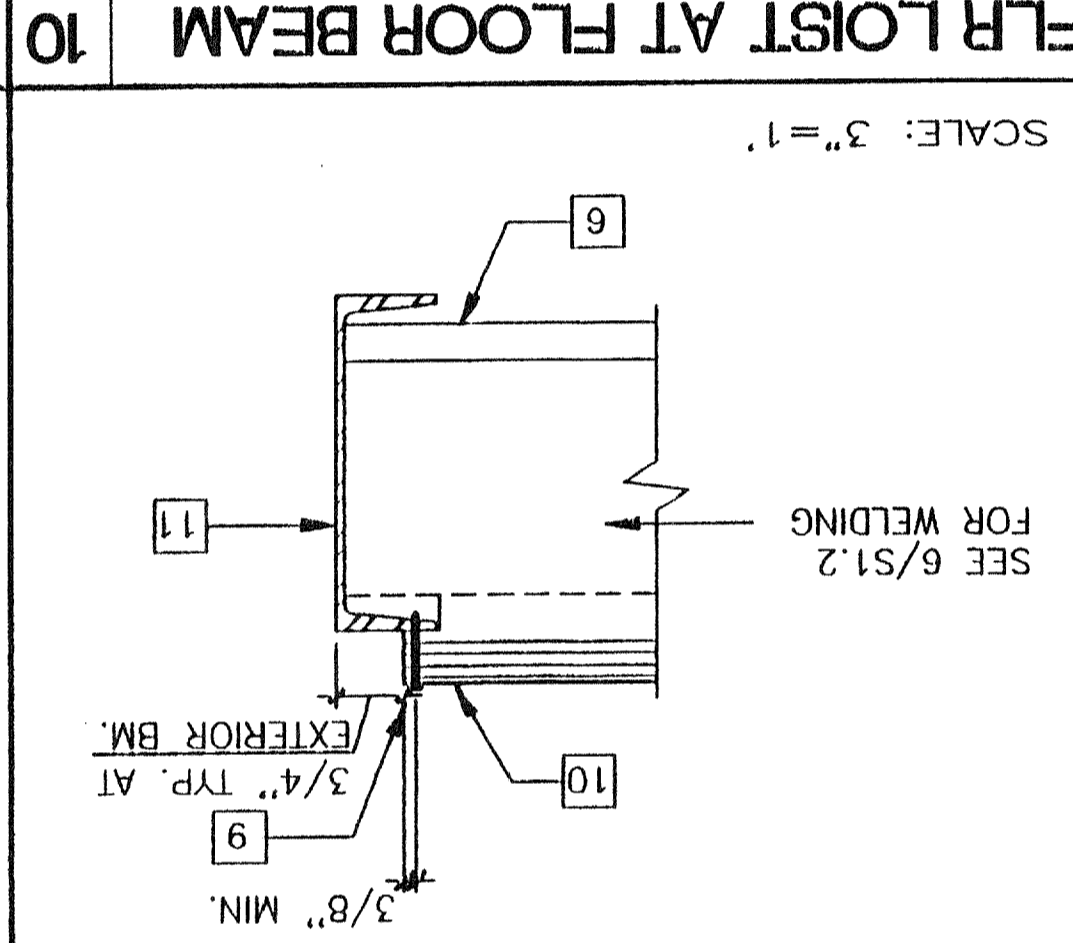
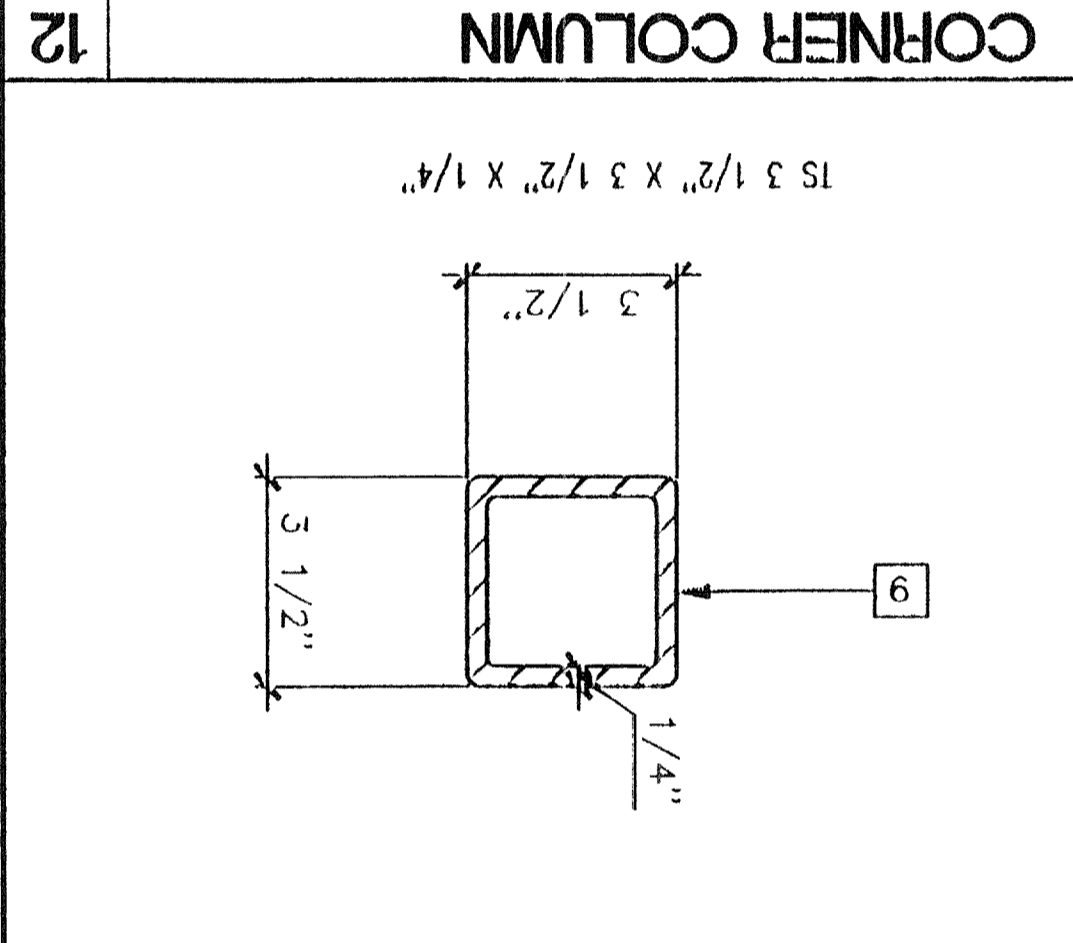
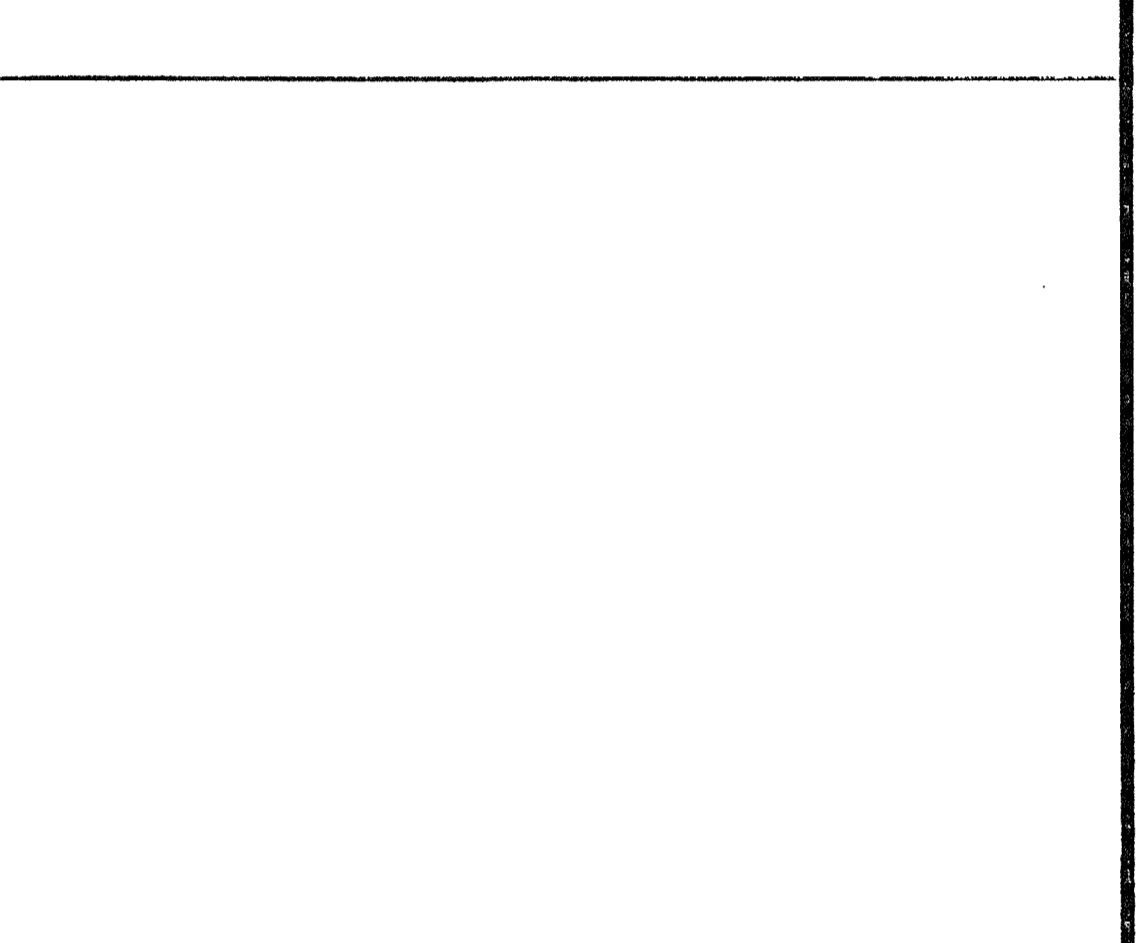
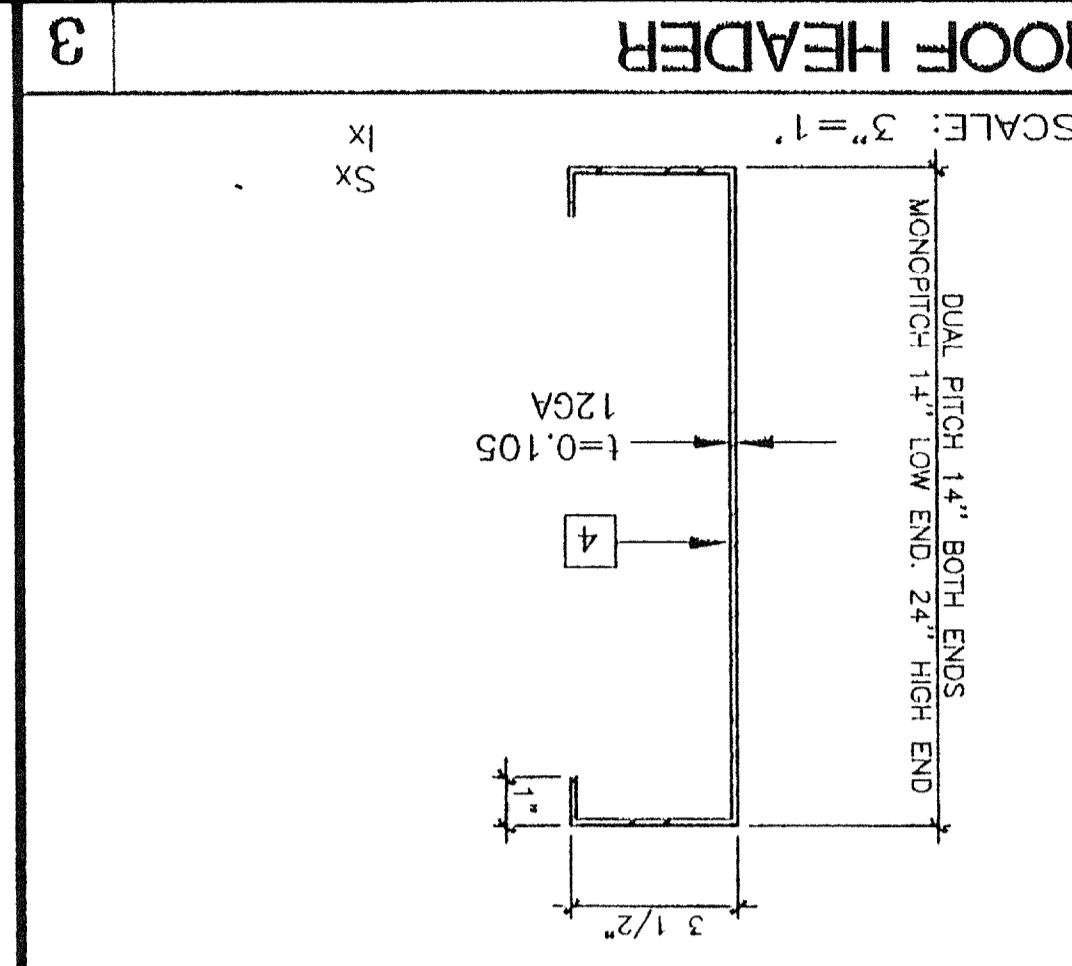
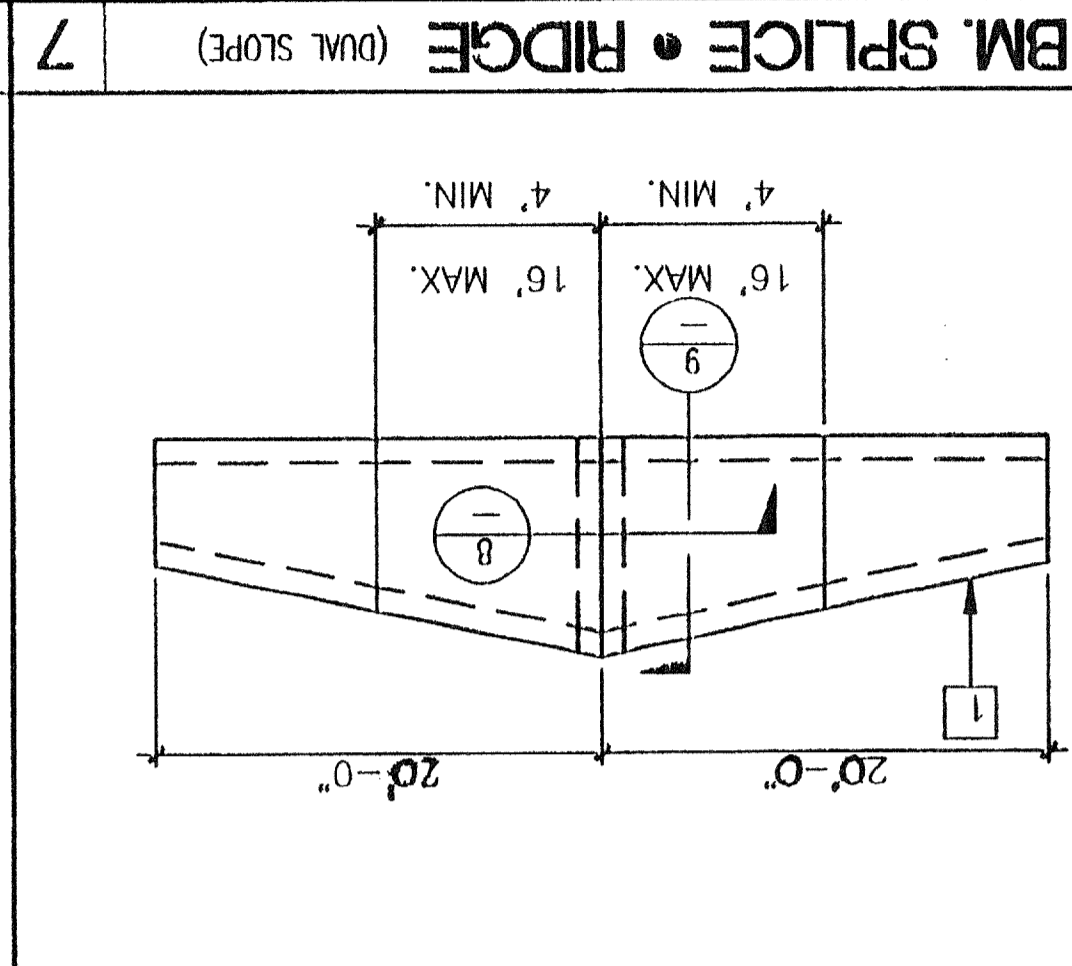
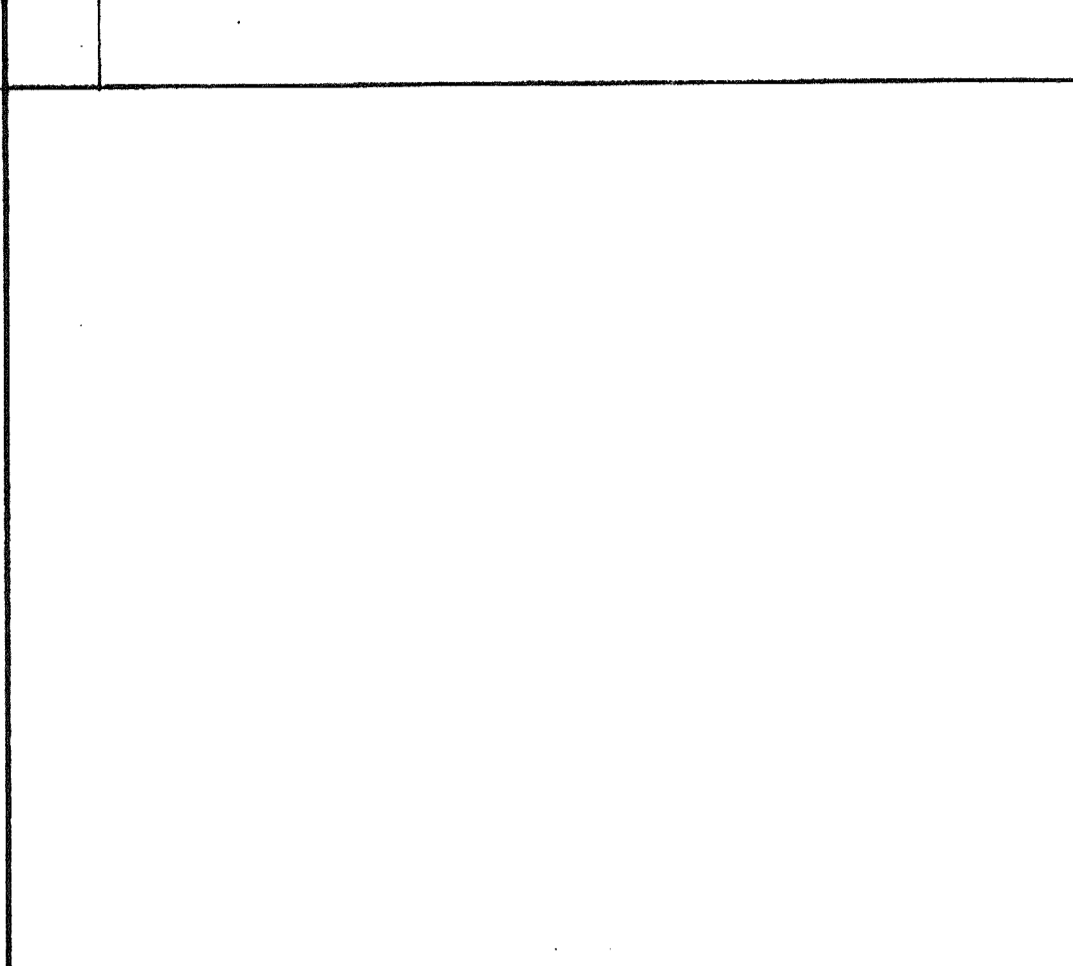
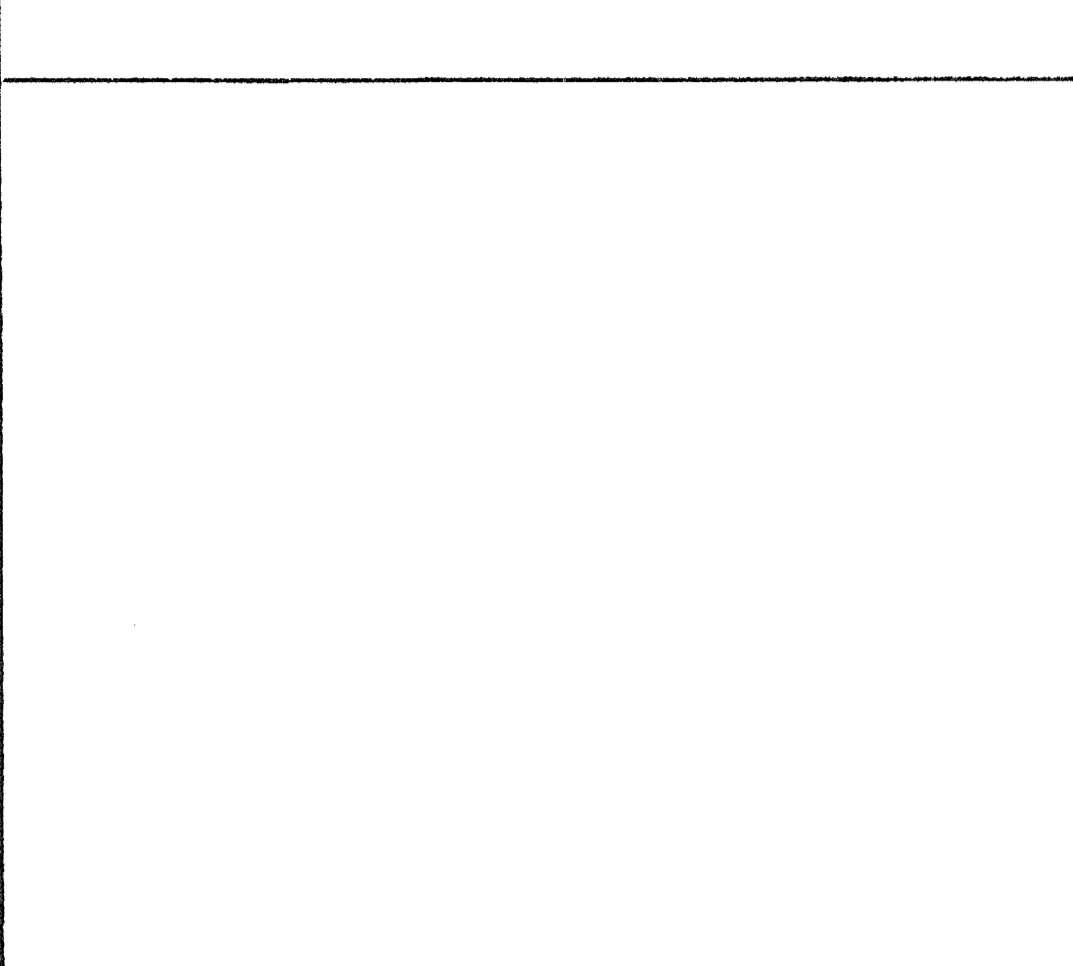
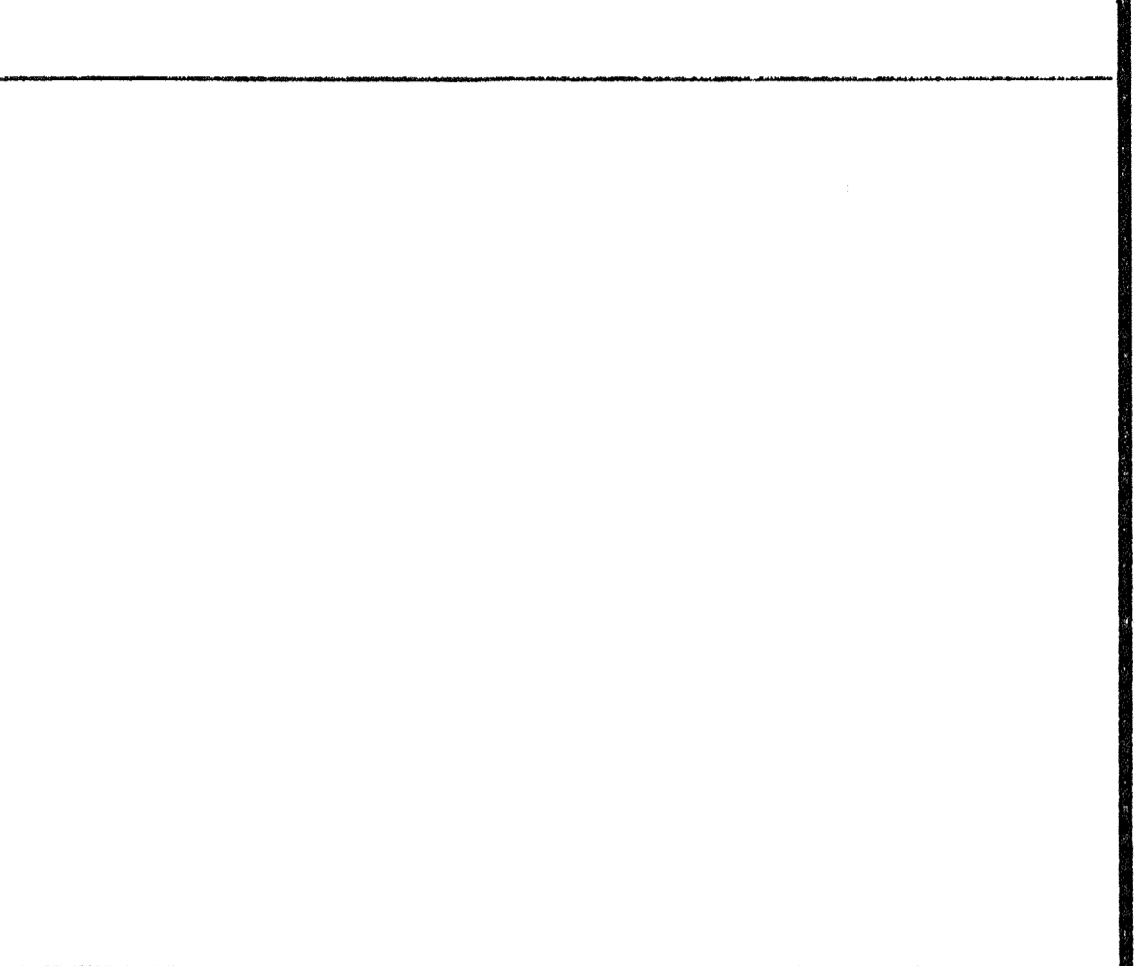
Structural Engineer's Seal
 Mechanical Engineer's Seal
 Architect's Seal
 State of California
 No. 5393
 S. Y. MISHRA
 REGISTERED PROFESSIONAL ENGINEER
 02.08.99

PC-270
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 DATE: FEB 19 1999
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MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 PH (909) 943-4014
 FAX (909) 940-0427

STRUCTURAL DETAILS
 PROJECT NUMBER: © MODTECH, INC. 1999

S21
 MODTECH Index No.
 PROJECT NO. S21
 DRAWN BY: R.L.T.
 CHECKED BY: S.S.
 DATE: 7-99



KEY NOTES

- 10GA. TAPERED RF. BM. SEE 7/S2.1 & 1/S2.1
- NOT USED
- TS 3 1/2"x3 1/2"x1/4" COLUMN
- 14"x10GA. RF. HDR. SEE 3/S2.1
- NOT USED
- FLOOR JOIST SEE 6/S2.1
- 10GA. BENT PLATE BACK-UP
- STIFFENER @ 3" X 1/4" THK.
- #10 STMS @ 6" O.C. (SEE S1.0)
- PLYWOOD FLR. SHEATHING
- FLOOR BEAM SEE 5/S2.1
- NOT USED
- 6" X 2 1/2" X 3" X 12GA PURLIN
- ALT: 4" X 3" X 12GA

VARIES MIN. 1/4"
 19" MAX. @ DUAL PITCH
 24" MAX. @ MONO PITCH

SCALE: 3"=1'

19 X 3 1/2 X 10 GA. Sx = 17.728 IN³ Ix = 168.414 IN⁴
 24 X 3 1/2 X 10 GA. Sx = 25.17 IN³ Ix = 302.04 IN⁴

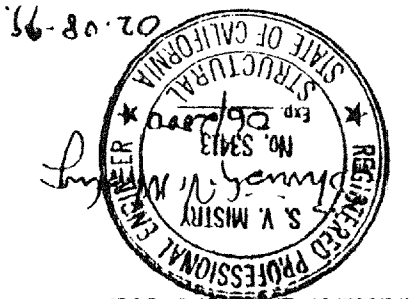
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 MAX 20 1999
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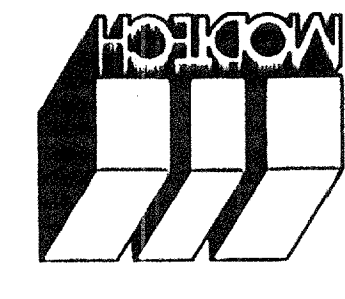
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HEIGHTS

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



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FRAMING DETAILS

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SS.0
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DATE: 2-2-99
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MODTECH INDEX NO.

PC-270 PROJECT NO.

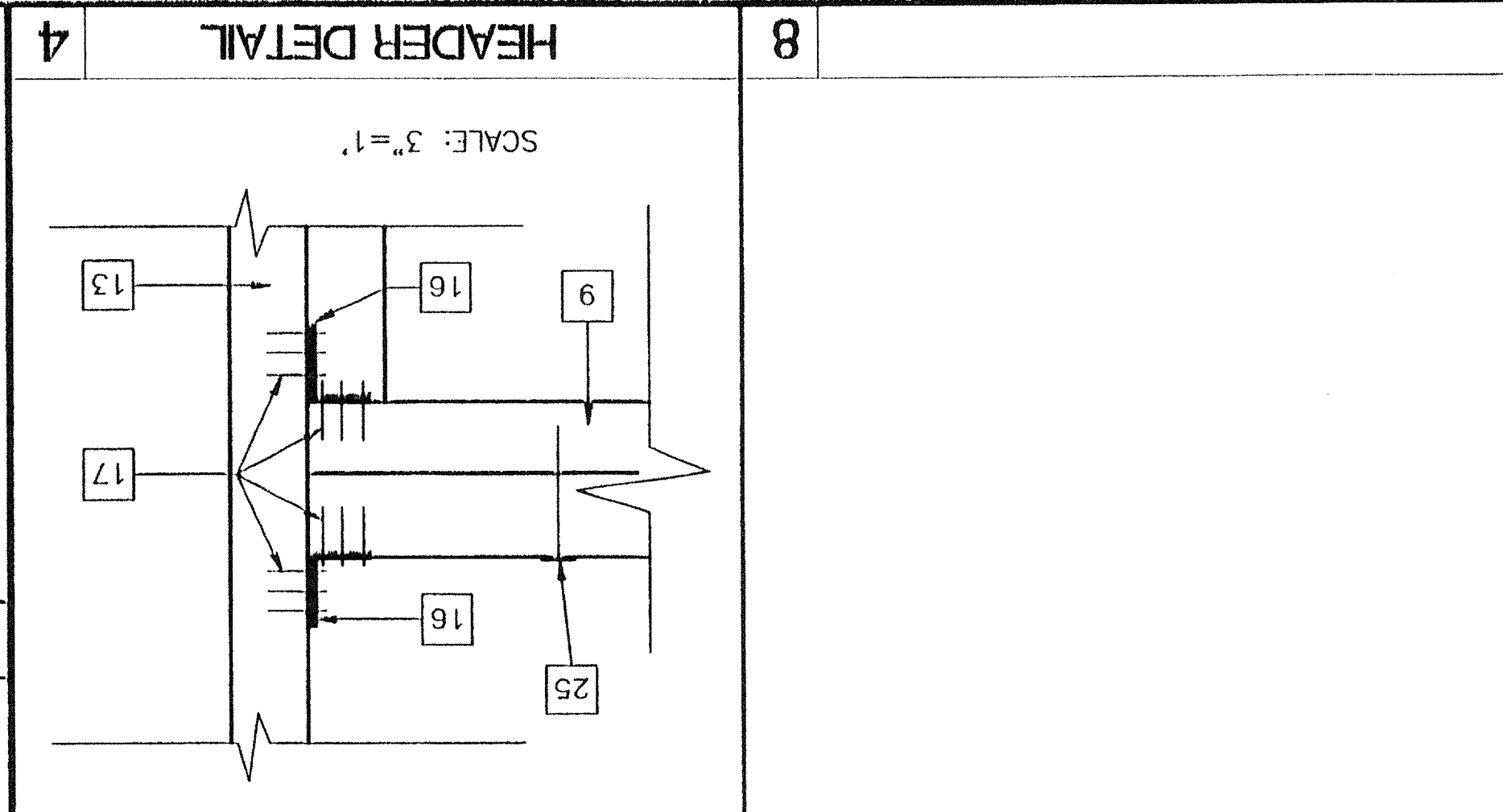
1. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
2. NAILS SPACED AT 6" (152MM) AT EDGES, 12" (305MM) AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES (152MM) AT ALL SUPPORTS WHERE SPANS ARE 48" (1219MM) OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLE DIVERHAMS AND SHEAR WALLS, REFER TO SECTION 2314.3. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
3. COMMON OR DEFORMED SHANK
4. COMMON
5. DEFORMED SHANK
6. CORROSION-RESISTANT SILING OR CASING NAIL CONFORMING TO THE REQUIREMENTS OF SECTION 2325.1.
7. FASTENERS SPACED 3 INCHES (76MM) ON CENTER AT EXTERIOR EDGES AND 6 INCHES (152MM) ON CENTER AT INTERMEDIATE SUPPORTS.
8. CORROSION-RESISTANT SILING OR CASING NAIL CONFORMING TO THE REQUIREMENTS OF SECTION 2325.1.
9. CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16 INCH (11MM) CROWN AND 1 1/8 INCH (29MM) LENGTH FOR 1/2 INCH (13MM) SHEATHING AND 1 3/4 INCH (44MM) LENGTH FOR 25/32 INCH (20MM) SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2325.1.
10. PANEL SUPPORTS AT 18 INCHES (460MM) IF STRENGTH AXIS IS IN THE LONG DIRECTION ON PANEL EDGES, 12 INCHES (305MM) OTHERWISE MARKED. CASING OR FINISH NAILS SPACED 6 INCHES (152MM) ON PANEL EDGES, 12 INCHES (305MM) AT INTERMEDIATE SUPPORTS.
11. PANEL SUPPORTS AT 24 INCHES (610MM) CASING OR FINISH NAILS SPACED 6 INCHES (152MM) ON PANEL EDGES.

ROUGH OPENING SCHEDULE

* ALL WOOD WINDOW HEADER SHALL BE D.F./ LARCH #2 GRADE
ALTERNATE: METAL STUD 3 1/2" X 20 GA.
IN LIEU OF 2X4 WD. STUDS

* FULL HEIGHT STUDS

| ROUGH OPENING | OPENING | HDR. | SILL | JAMB | HEIGHT | WIDTH |
|---------------|---------|------|------|------|-------------------|---------------------------|
| 8040 | * | (3) | 2X4 | (2) | 2X4 | (3) 2X4 * 48 1/8" 96 1/8" |
| 3068 | * | (2) | 2X4 | (2) | 2X4 * 81 1/4" 38" | |

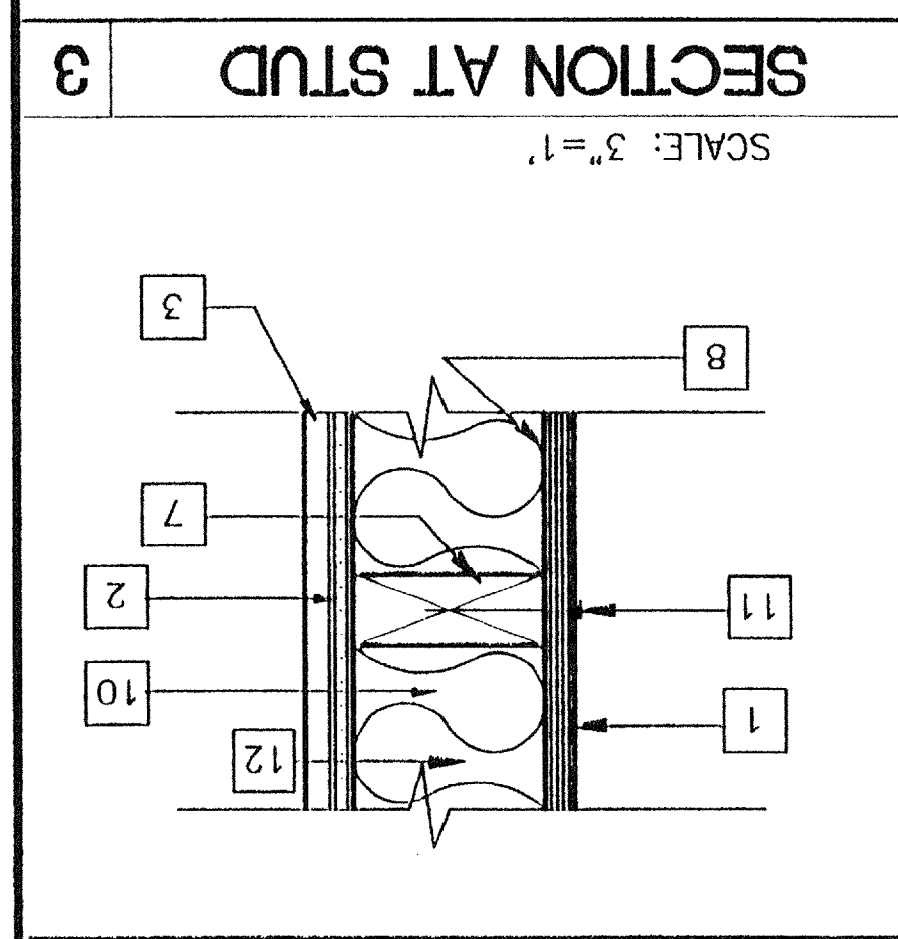
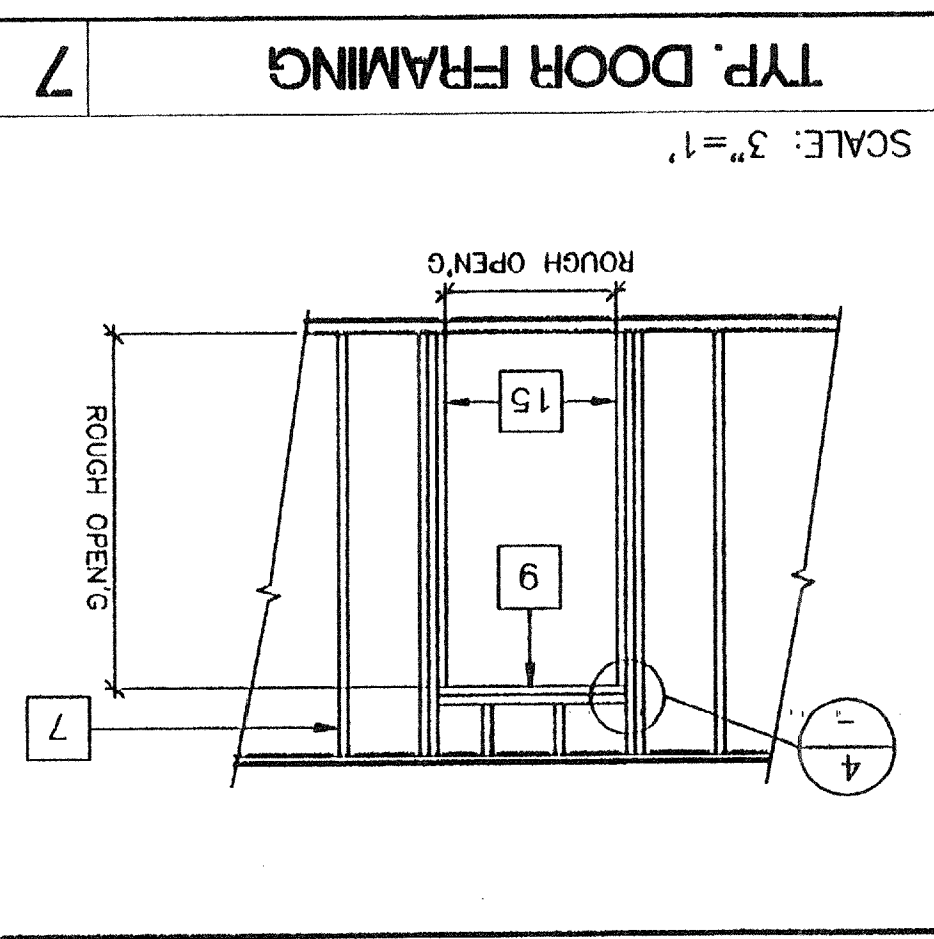
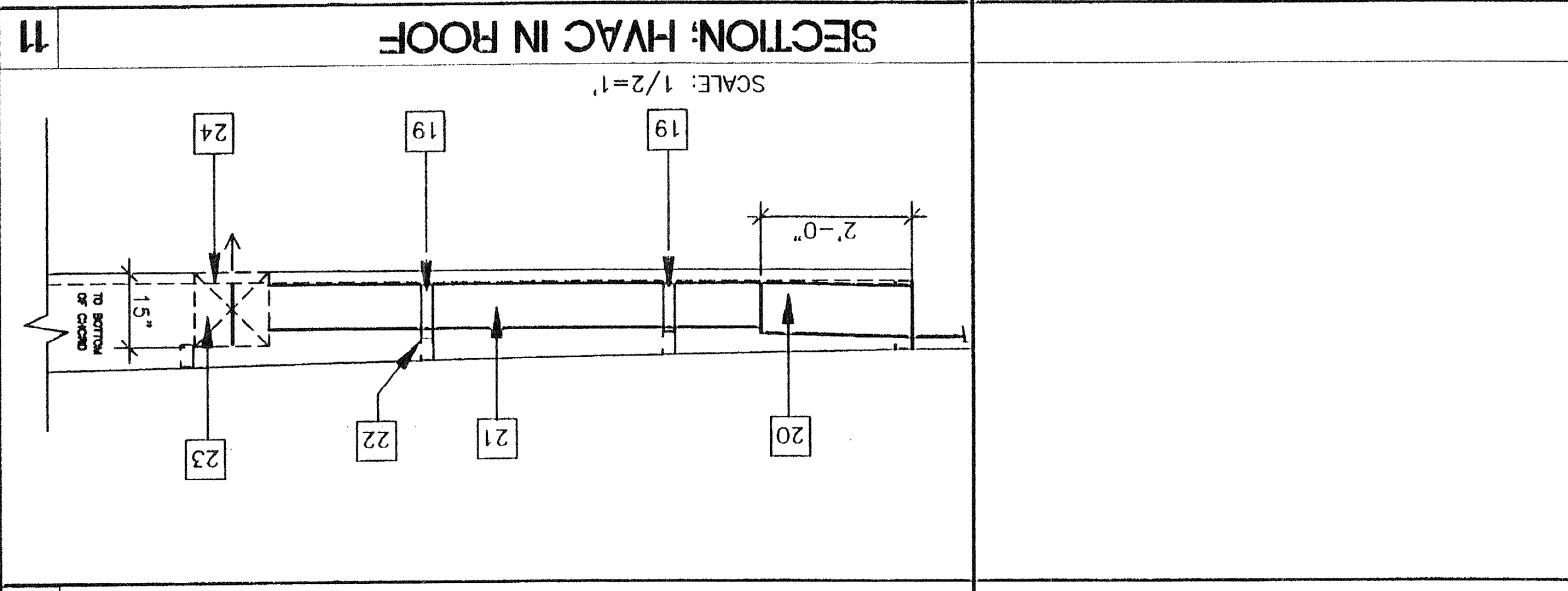


1. NAILING:
-NAILING IN ACCORDANCE W/ T24 C.A.C TABLE 2-25 P
-ALL NAILS EXPOSED TO WEATHER SHALL BE GALV.
-MACHINE APPLIED NAILING SHALL HAVE PRIOR DEMONSTRATION AND APPROVAL BY O.S.A. / DSA FIELD REP. AND THE ARCHITECT.

CONNECTION SCHEDULE

NOTE: All nail shall be box nails unless otherwise noted.

| | |
|----|--|
| 1 | JOIST TO SILL OR GIRDER, TO ENDS |
| 2 | BRIDGING TO JOIST, TO ENDS, TO ENDS |
| 3 | 1" X 6" (25 mm X 152 mm) SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL |
| 4 | WOOD TRIM 1" X 6" (25 mm X 152 mm) SUBFLOOR TO EACH JOIST, FACE NAIL |
| 5 | 2" (51mm) SUBFLOOR TO LOIST OR GIRDER, END AND FACE NAIL |
| 6 | SIDE PLATE TO JOIST OR BLOCKING, 16d at 16" (406mm) o.c. TYPICAL FACE NAIL |
| 7 | TOP PLATE TO STUD, END NAIL |
| 8 | DOUBLE STUDS, FACE NAIL 16d at 24" (610mm) o.c. |
| 9 | DOUBLE TOP PLATES, 16d at 16" (406mm) o.c. TYPICAL FACE NAIL |
| 10 | DOUBLE TOP PLATES, 16d at 16" (406mm) o.c. |
| 11 | INTERSECTING JOISTS OR LAP JOIST TO TOP PLATE, TO ENDS |
| 12 | 1/2" (13 mm) JOIST TO TOP PLATE, TO ENDS, 8d at 6" (152mm) o.c. |
| 13 | TOP PLATES, LAP AND INTERSECTIONS, FACE NAIL |
| 14 | CONTINUOUS HEADER, TWO PIECES, 16d at 16" (406mm) o.c. ALONG EACH EDGE |
| 15 | CEILING JOIST TO PLATE, TO ENDS |
| 16 | CEILING JOIST TO PARALLEL TRIMERS, FACE NAIL |
| 17 | CEILING JOIST TO STUD, TO ENDS |
| 18 | 1" X 6" (25 mm X 152 mm) BRACE TO EACH STUD |
| 19 | INVERTER TO PLATE, TO ENDS |
| 20 | 1" X 6" (25 mm X 152 mm) BRACE TO EACH STUD AND PLATE, FACE NAIL |
| 21 | 1" X 6" (25 mm X 152 mm) BRACE TO EACH STUD AND PLATE, FACE NAIL |
| 22 | SHEATHING OR LESS TO EACH BEARING, FACE NAIL |
| 23 | BUILT-UP CORNER STUDS 16d at 24" (610mm) o.c. |
| 24 | BUILT-UP GIRDER AND BEAMS 20d at 32" (813 mm) o.c. AT TOP AND BOTTOM AND SPACED 2-20d AT ENDS AND AT EACH SPICE. |
| 25 | 2" (51mm) PLANKS |
| 26 | WOOD STRUCTURAL PANELS AND PARTICLEBOARD |
| 27 | PANEL SILING (TO FRAMING): 1/2" (13 mm) OR LESS |
| 28 | FLOORING SHEATHING |
| 29 | INTER PANELING |



KEY NOTES

| | |
|----|---|
| 1 | EXTERIOR PLYWOOD SIDING - SHEATHING NAIL W/GALV. BOX NAILS - 8d AT 6" O.C. EDGES, 8d AT 12" O.C. IN FIELD |
| 2 | GYP. BOARD |
| 3 | TYP. INTERIOR FINISH-SEE FINISH SCHEDULE |
| 4 | E.N. |
| 5 | 2X4 BULK |
| 6 | "Z" FLASHING |
| 7 | 2X4 AT 16" O.C./DBL. 2X4 AT VERT. SIDING JOINT |
| 8 | WATERPROOF MEMBRANE |
| 9 | HEADER (SEE SCHEDULE SS.0) |
| 10 | INSULATION (SEE SPECIFICATIONS) |
| 11 | 8d ELECTRO GALV. 12" O.C.F.N. |
| 12 | 2X4 SILL PLATE (BELOW) |
| 13 | SCHEDULE FOR JAMB STUDS READ FOR DOORS & WINDOWS ONLY) |
| 14 | SILL PLATE (SEE SCHEDULE) |
| 15 | 2X4 FULL HEIGHT KING STUDS AND 2X4 TRIMMER (SEE SCHEDULE FOR QUANTITY) |
| 16 | A 3/4 CUPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES |
| 17 | 9GA. 8d 1 1/2" NAILS |
| 18 | LAP JOINT |
| 19 | 2" WIDE DUCT SUPPORT STRAP @ 48" O.C. |
| 20 | PLENUM |
| 21 | DUCTWORK |
| 22 | ROOF PURLIN |
| 23 | TRANSFER BOX |
| 24 | ROOF CHANNEL |
| 25 | 16D @ 16" O.C. |

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PC-270

PROJECT NO.

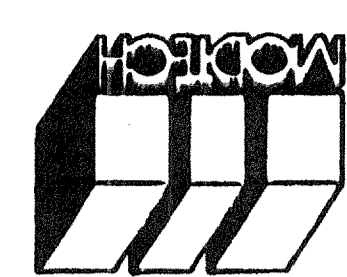
S1.0

MODTECH, INC.
 PROJECT NO. [REDACTED]
 DRAWN BY: [REDACTED]
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 DATE: 2-2-99

FLOOR FRAMING PLAN

PROJECT NUMBER: [REDACTED] MODTECH, INC. 1999

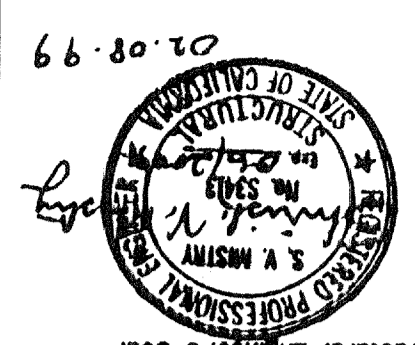
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 PH (909) 943-4014
 FAX (909) 940-0427



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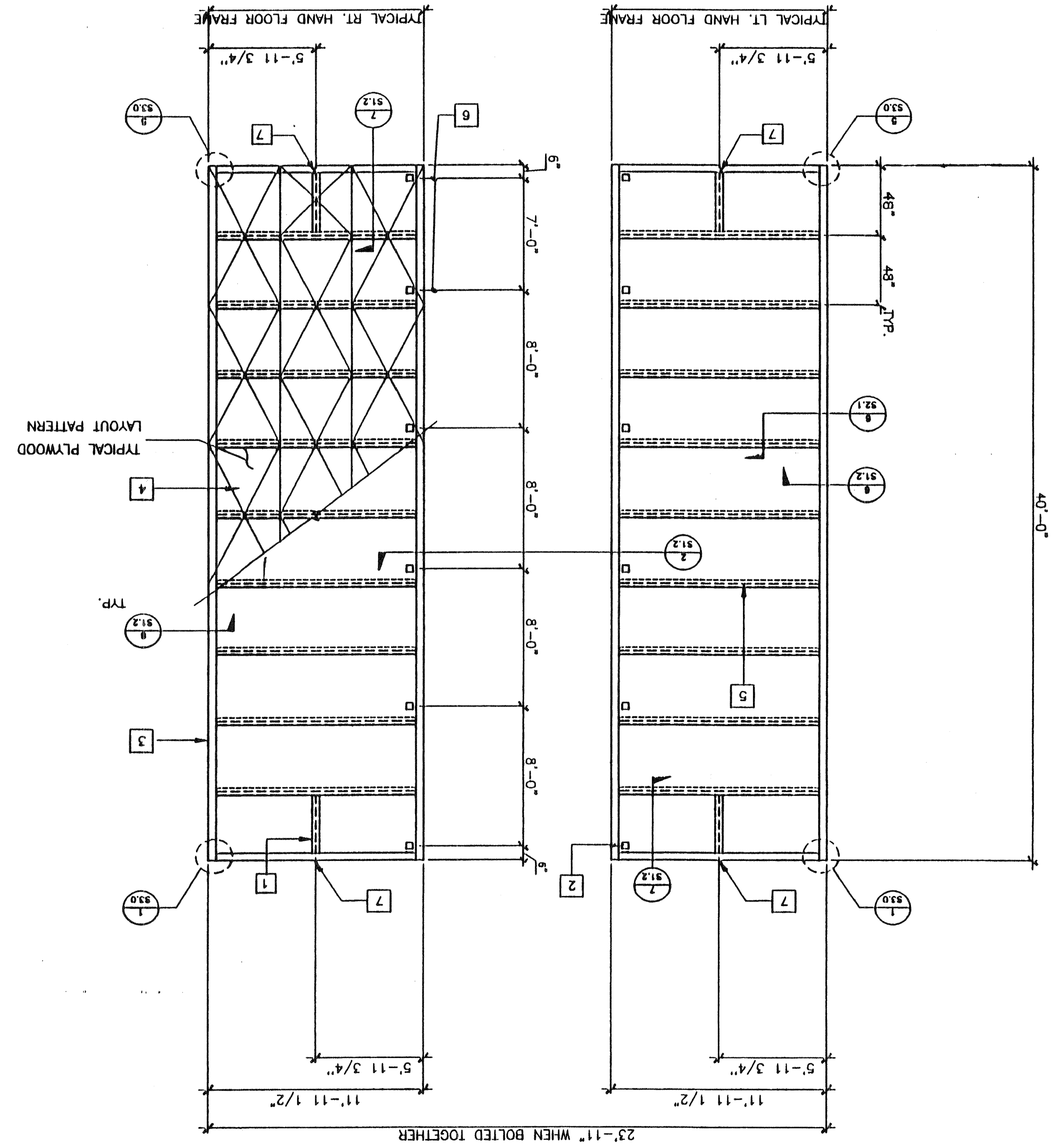
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PC - 270
 DATE: FEB 19 1999
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Architect's Seal
 Structural Engineer's Seal
 Mechanical Engineer's Seal
 Electrical Engineer's Seal

FLOOR FRAMING PLAN
 FLOOR LIVE LOAD - 50 PSF
 SCALE 1/4"=1'-0"



REVISIONS

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DATE: SEP 2 1999
 AC: [REDACTED]
 PLS: [REDACTED]
 CP: [REDACTED]
 04 101527

1. FOR L HAND & R HAND FRAME SEE S1.0
 2. WELDING FIT-UP: OPENINGS = 1/2" OR 1/4" MIN
 FOR FULL PEN -T- AND -F-
 t = BASE METAL THICKNESS

NOTES

- 1] 6 3/8 x 2 1/2 x 12GA. BLOCKING AT MIDSPAN OF FLOOR HDR. TYPICAL
- 2] 5" DIA HAND HOLES AT BOLT BM TO BM (12 PLACES) OPTIONAL 5" SQUARE HOLE
- 3] C 7X9.8 PERIMETER CHANNEL (TYPICAL) SEE 5/S2.1
- 4] PLYWOOD FLOOR SHEATHING: APA PS 1-83 1 1/8" THICK, STURD-I-FLOOR OR EQUAL W/48" O.C. SPAN RATING, ATTACHED W/10 X 1 3/4" SELF-TAPPING FLAT HEAD SCREWS AT 6" O.C. TO PERIMETER FRAME, AEROSMITH AKN 144.0175 DRIVE PINS AT 6" O.C. SUPPORTED EDGES AND 6" O.C. FIELD TO JOIST. (TYPICAL) SEE 10/S2.1
- 5] 6 3/8 x 2 1/2 x 12GA. FLOOR JOIST AT 48" O.C. (SEE 2/S1.2)
- 6] TYPICAL BOLT HOLE LOCATION (SEE 2/S1.2)
- 7] 1" HOLE @ MID-DEPTH FOR HANDLING

FLOOR JOIST TABLE

| | | |
|----------------------|-----------|--------------|
| LIVE LOAD | 50 P.S.F. | 50+20 P.S.F. |
| 6 3/8 x 2 1/2 x 12GA | 48" O.C. | 32" O.C. |

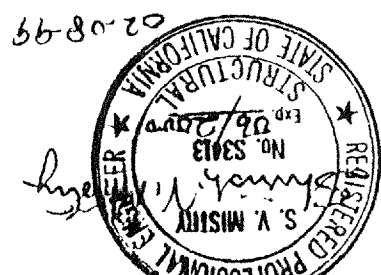
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Electrical Engineer's Seal

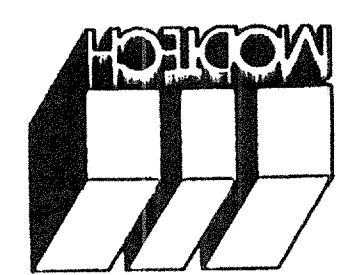
Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal



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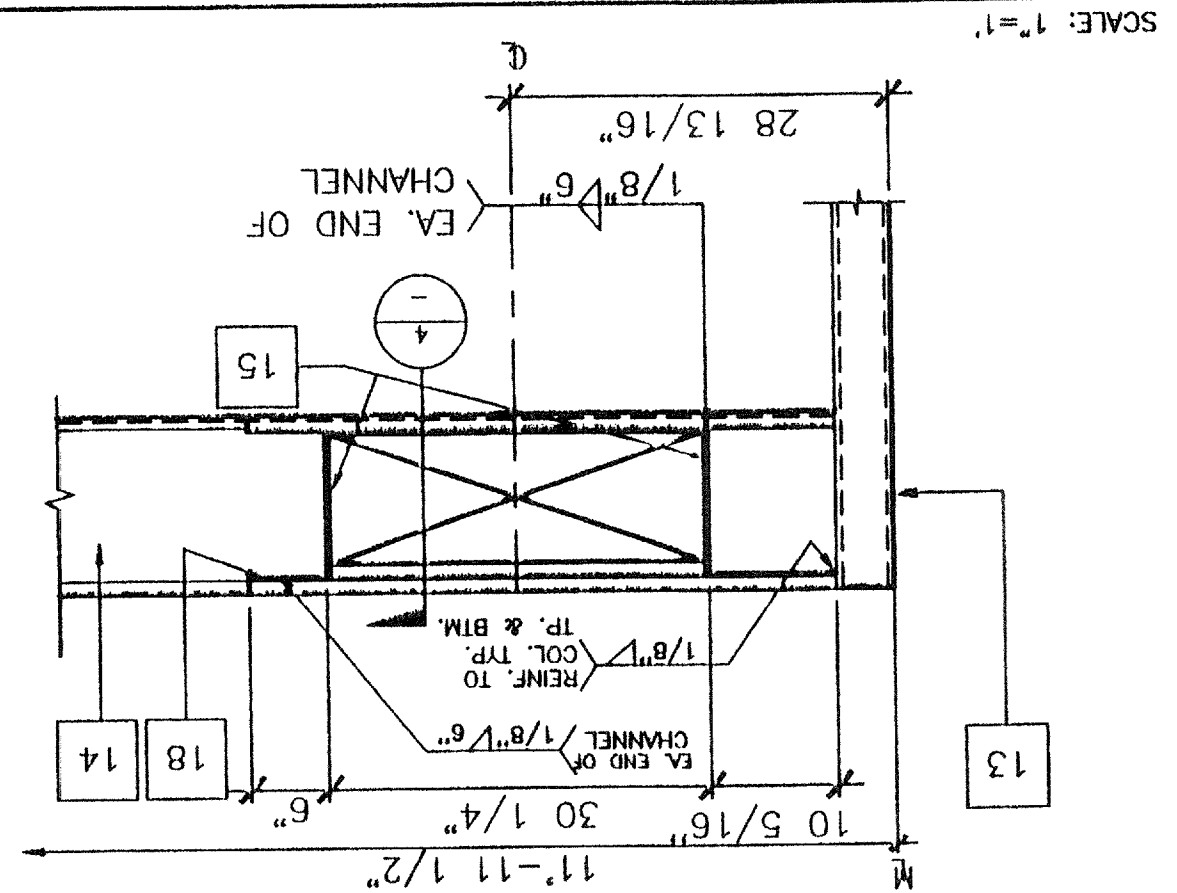
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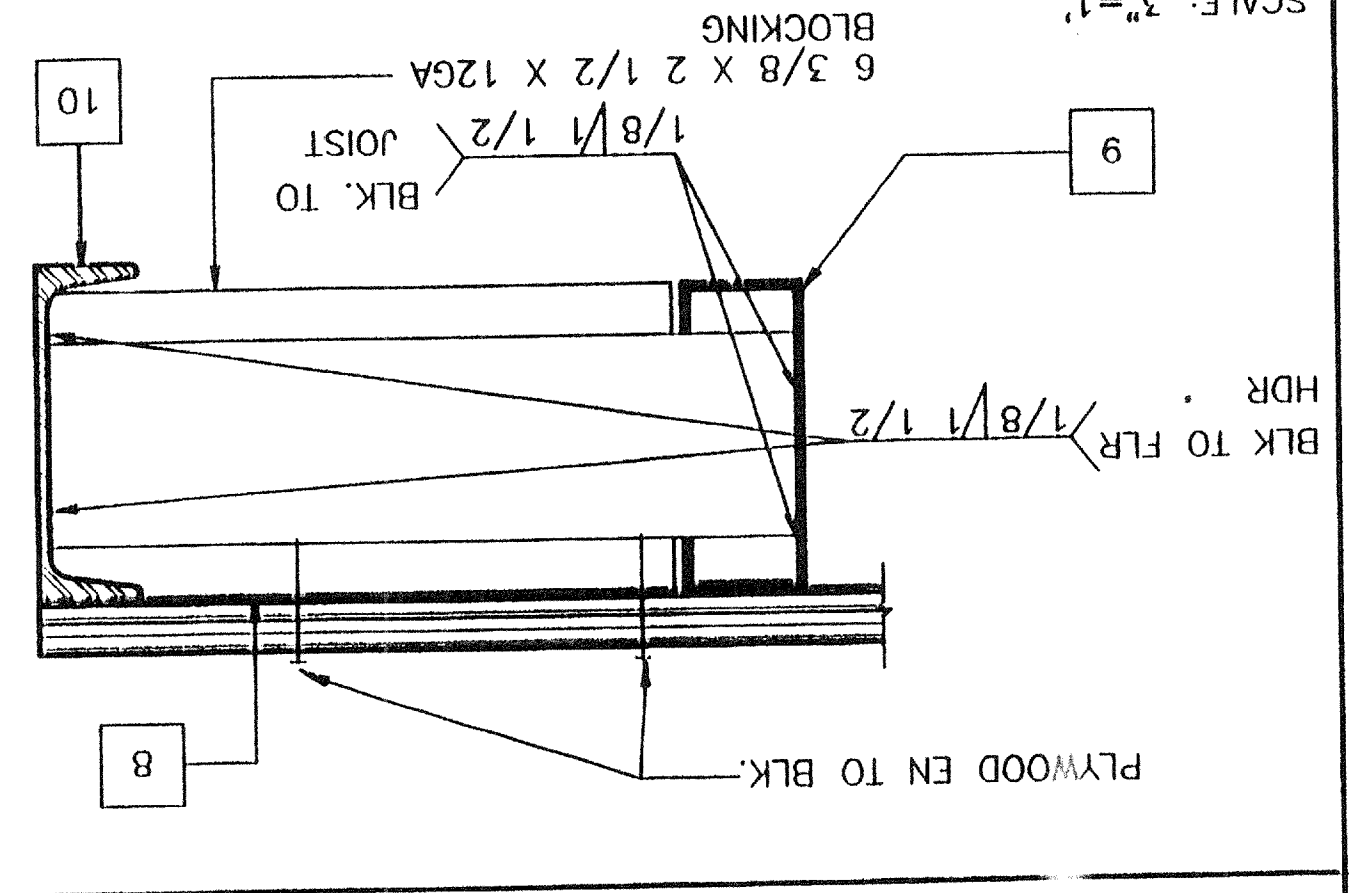
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DATE: 2-2-99
CHECKED BY: [Signature]
MODTECH, INC. No. 101522

PROJECT NO. PC-270

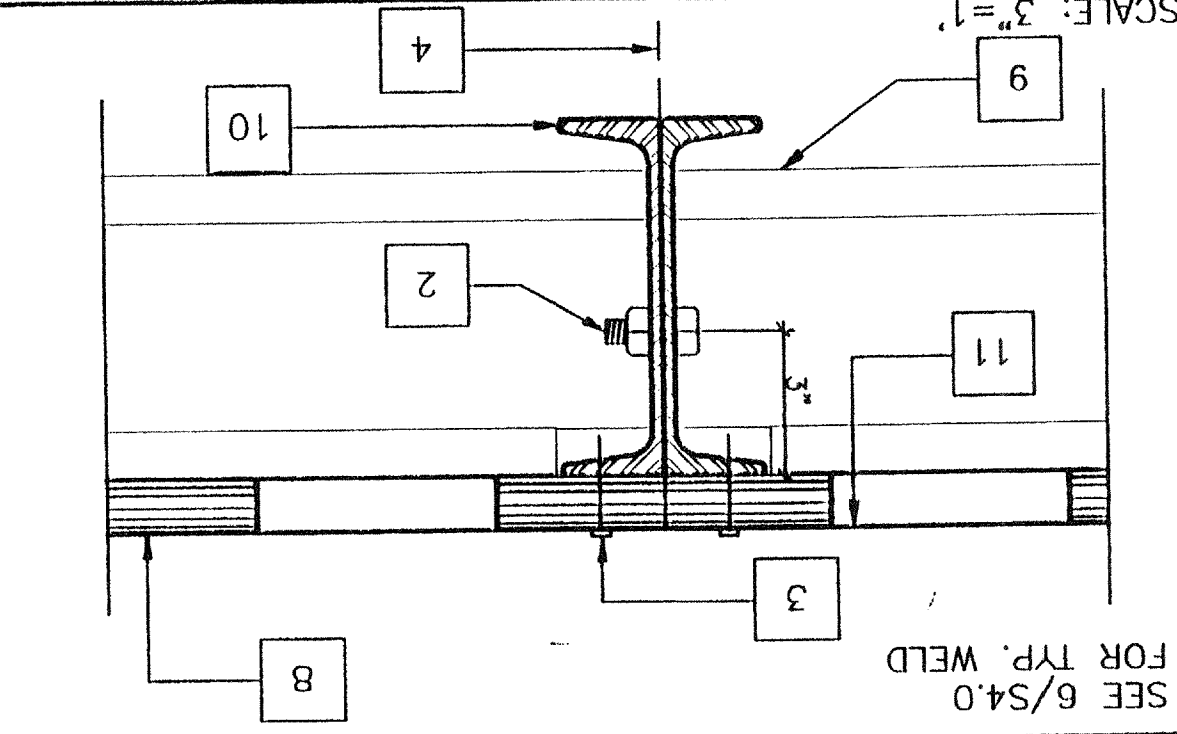
3 ELEVATION-OPENING SCALE: 1"=1'



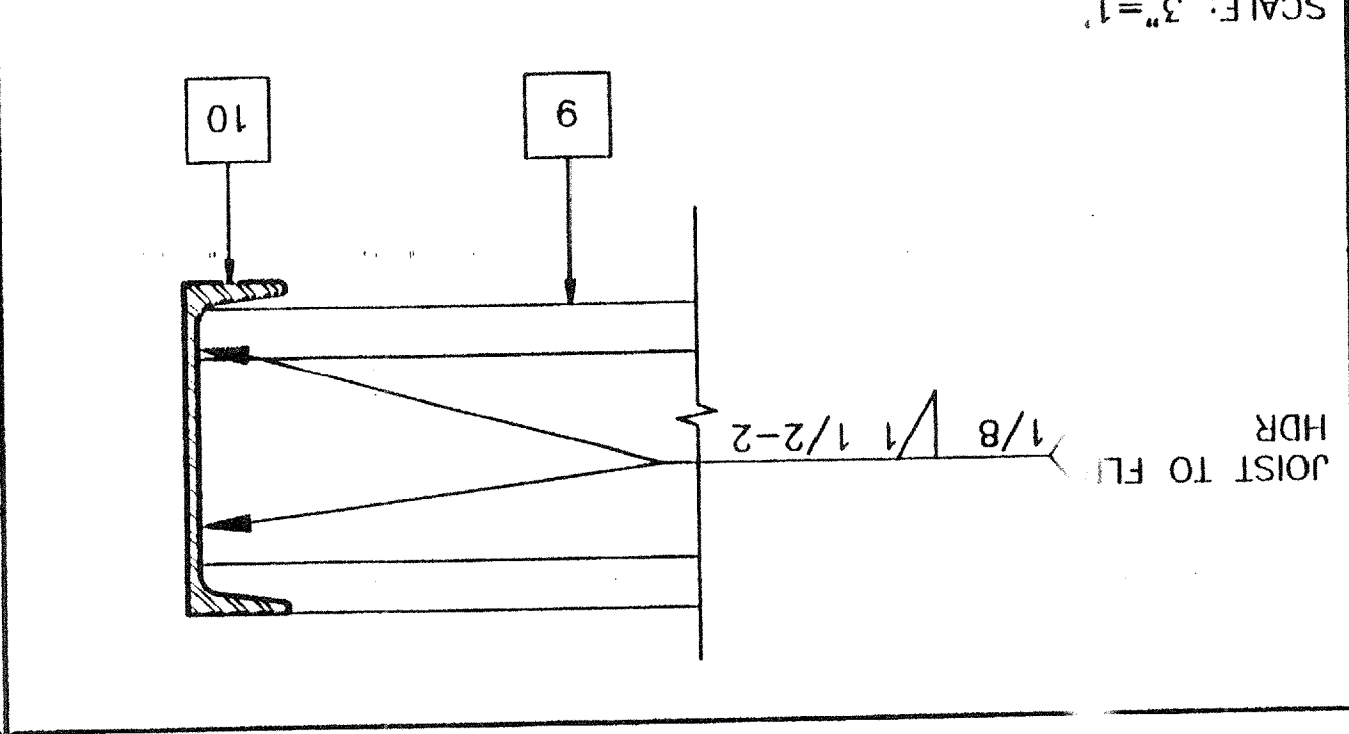
7 BLOCK AT MIDSPAN SCALE: 3"=1'



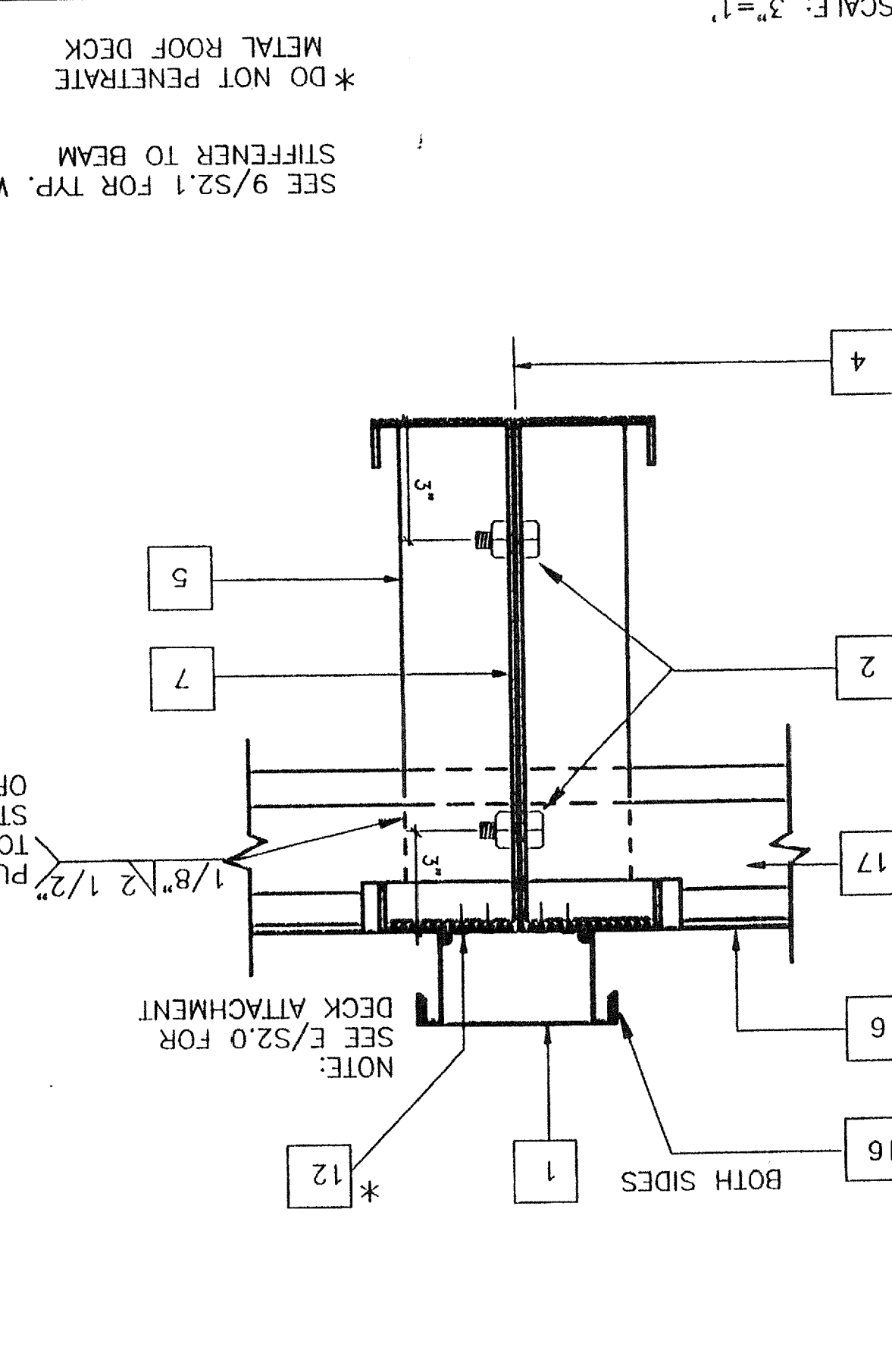
2 MODULE JOINT AT FLR. 12'-0" SCALE: 3"=1'



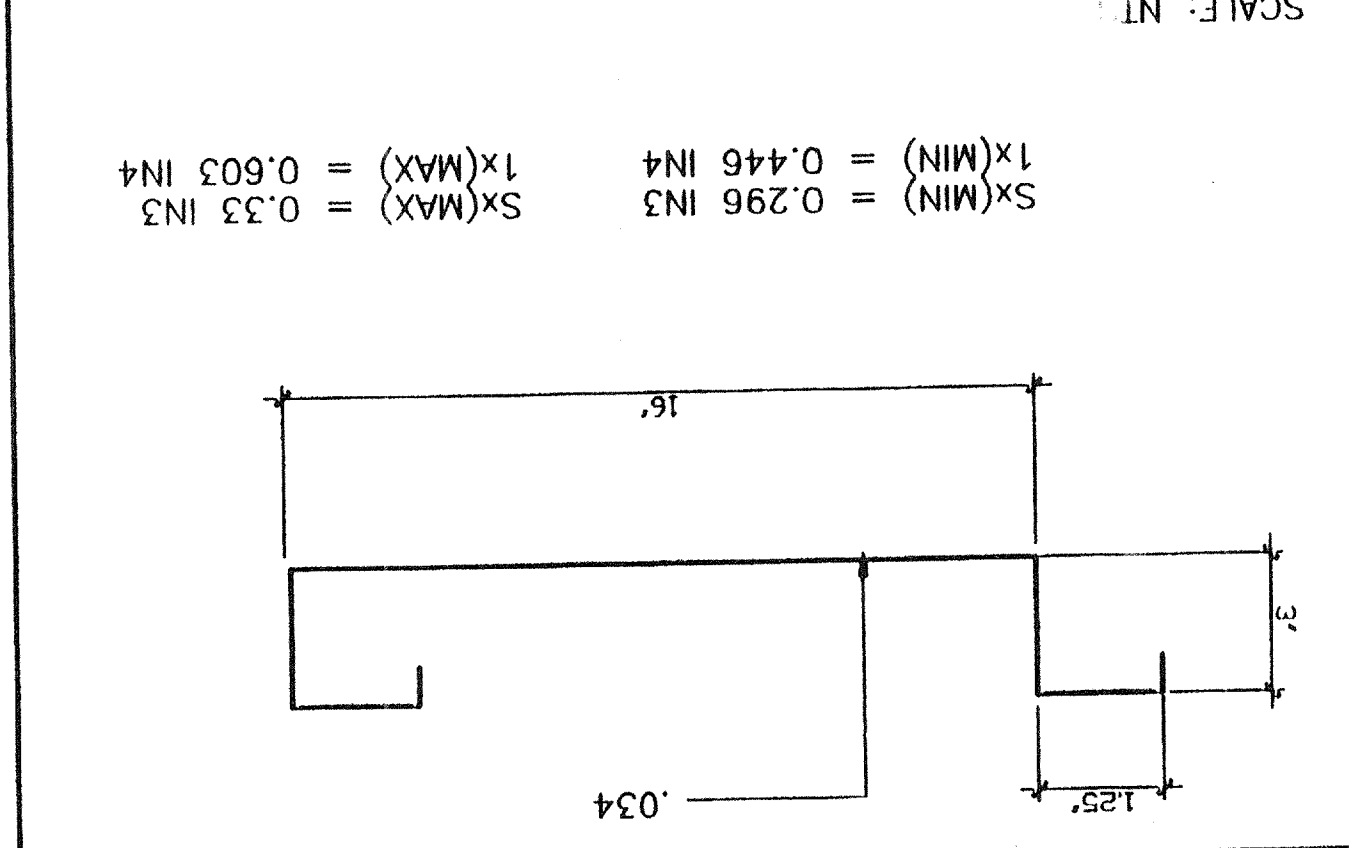
6 FLOOR FRAME/JOIST TO BEAM SCALE: 3"=1'



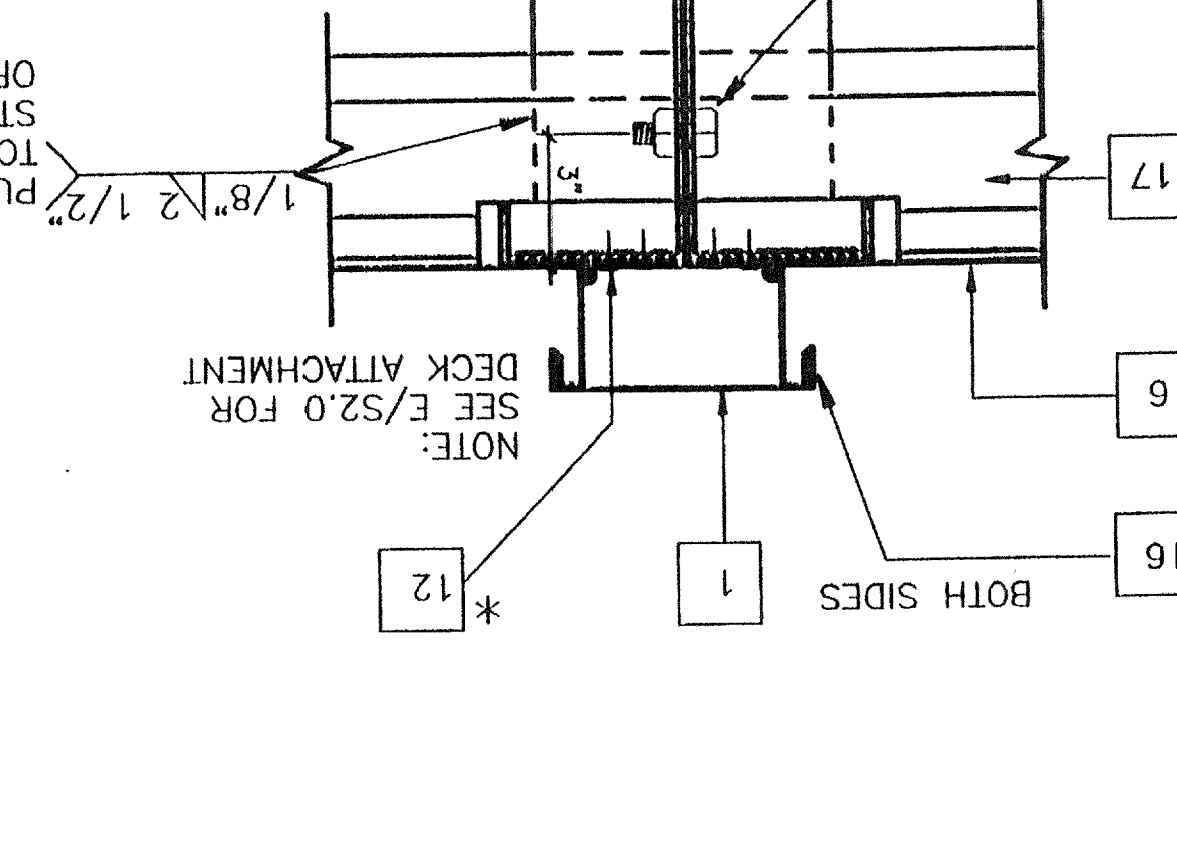
1 ROOFING MODLINE SCALE: 3"=1'



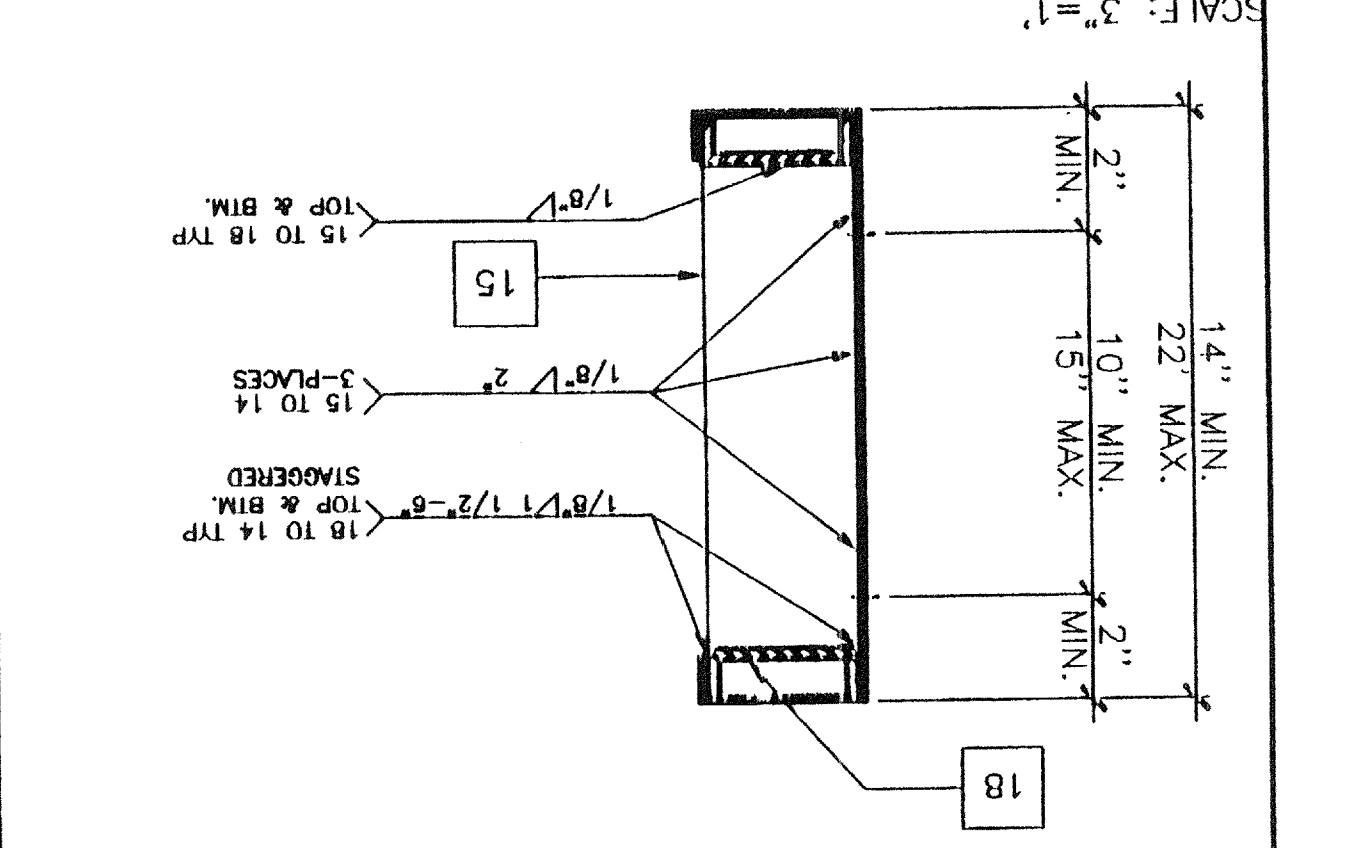
5 ROOF PAN (22GA.) SCALE: N.T.



4 MECH. DUCT OPENING IN HEADER SCALE: 3"=1'



8 MECH. DUCT OPENING IN ROOF BM. SCALE: 3"=1'



- KEY NOTES**
- FASTENERS W/NEOPRENE WASHERS TO RIB BOTH SIDES OF MODLINE. SET CAP IN SEALANT. BOTH SIDES.
 - 5/8" M.B. A307 MODULE JOINT (SEE STRUCTURAL PLAN FOR LOCATION) AT 8" O.C.
 - E.N.
 - MODULE JOINT (SEE 9/S2.1)
 - 1/4" THK X 3" FULL DEPTH STIFFENER PLATE AT RIDGE ONLY
 - STANDING ROOF SEAM (SEE A2.0)
 - ROOF BEAM SEE 1/S2.1 & 7/S2.1
 - PLYWOOD FLOOR SHEATHING
 - FLOOR JOIST SEE 6/S2.1
 - FLOOR BEAM SEE 5/S2.1
 - HAND HOLE AT BOLT LOCATION
 - #14 STMS.
 - 3 1/2"x3 1/2"x3 1/2"x1/4" STEEL TUBE COLUMN. SEE 12/S2.1
 - ROOF HEADER SEE 3/S2.1
 - 1/4" STIFFENER PLATE SEE 9/S2.1 FOR TYP. WELD
 - SEALANT
 - ROOF PURLIN SEE 2/S2.1
 - 3 1/4" X 1" X 45 1/16" LG X 10GA CHANNEL TOP AND BOTTOM OF OPENING

~~REVISÉ~~
JUL 1 1999
O4 101522
MAY 20 1999
O4 101522
SEP 02 1999

FILE PATH: PC270S12.DWG

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| 5 |
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REVISIONS

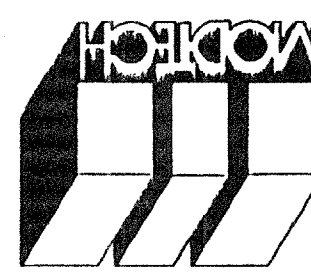
Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

Division of the State Architect
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 Appl.
 AC FLS SS
 DATE



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

MECHANICAL (HVAC) PLAN

M.I.O

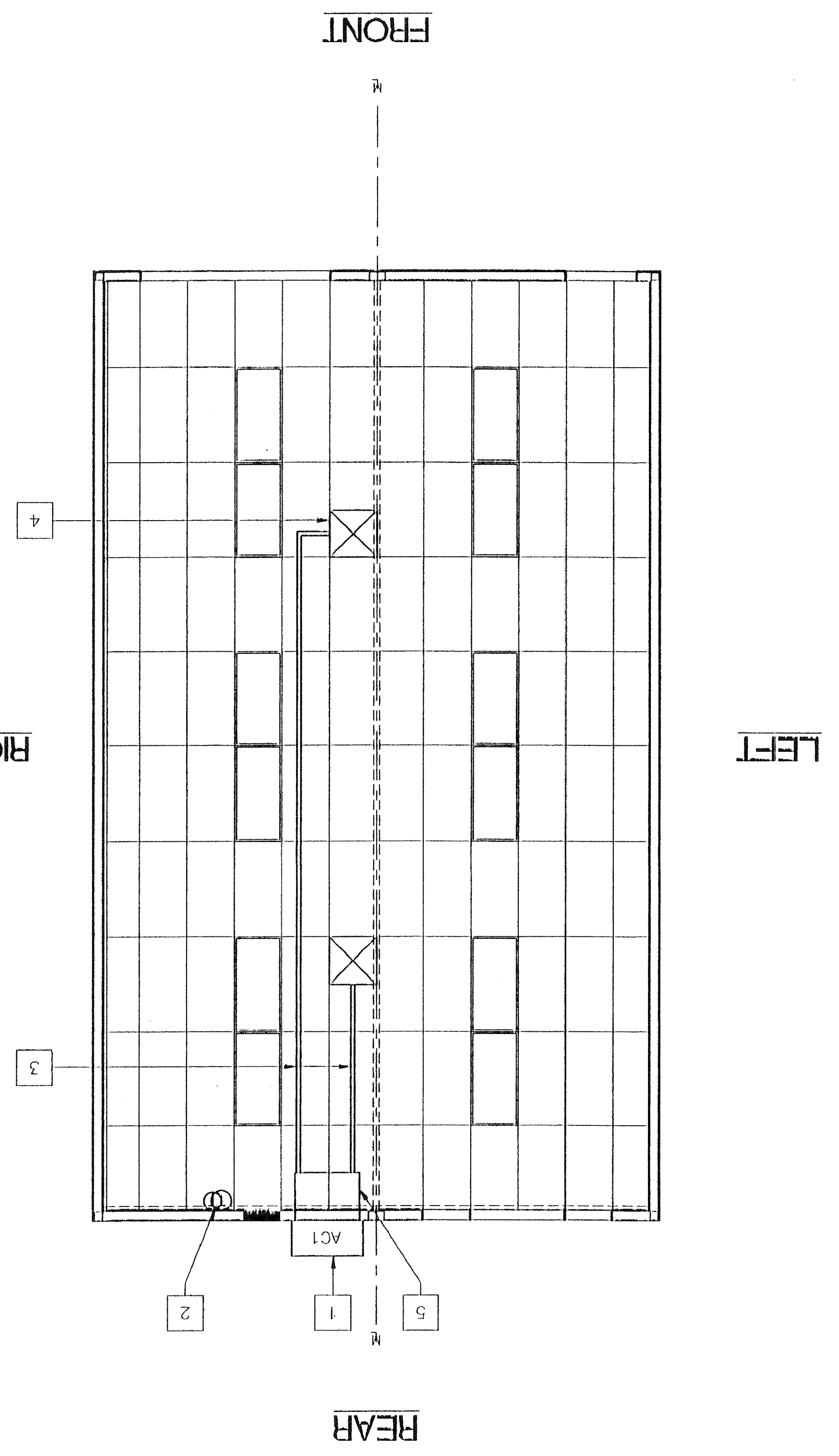
MODTECH Index No.
 PROJECT NO. ---
 MODTECH
 DATE:
 CHECKED BY:
 DATE:
 DRAWN BY: ---

PROJECT NUMBER: --- MODTECH, INC. 1998

BASED ON PC 270

MECHANICAL PLAN (24'X40')

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



NOTES

- INSULATION APPLIED TO EXTERIOR SURFACE OF DUCTS LOCATED IN BLDGS SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 & A SMOKE-DENSITY NOT EXCEEDING 50 WHEN TESTED AS A COMPOSITE INSTALLATION, INCLUDING INSULATION, FACING MATERIALS, TAPES & ADHESIVES AS NORMALLY APPLIED.
- SCHOOL EQUIPMENT ANCHORAGE

THE FOLLOWING IS FOR THE MECHANICAL ENGINEER'S INFORMATION ONLY:
 THE SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, SECTION 15302.2 (9) AND HAVE 16#-4 ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT WEIGHING LESS THAN 400 LBS. AND HUNG EQUIPMENT WEIGHING LESS THAN 20 LBS. MAY BE OMITTED FROM THE PLANS.
 FOR MECHANICAL DRAWINGS:
 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 X THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE 1/3 X THE HORIZONTAL FORCE.
 THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR, I = 1.0 AND SEISMIC ZONE, Z = 0.4.
 WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENG. AND THE FIELD ENGINEER OF THE OFFICE OF THE STATE ARCHITECT.

KEY NOTES

- | | |
|---|--|
| 1 | ACT: WALL MOUNT 3.5 TON HEAT PUMP, NOMINAL 42,500 BTUH COOL / 42,500 BTUH HEAT W/5kw HEATER, OLA AND CALIFORNIA STATE ENERGY APPROVED, 208/230V, 1 PHASE, MAX FLA 28 AMPS, WEIGHT 515 LBS. |
| 2 | ① THERMOSTAT-WHITE ROGERS IF92 AT +48" AFF |
| 3 | 12" FLEX DUCT |
| 4 | 15 x 15 4W 700 CFM SUPPLY AIR GRILLE |
| 5 | 10" x 30" x 2" PLENUM (SEE SPECS.) |

REVISED

DATE: 04 10 1999
 AC FLS SS JP
 DATE: 04 10 1999

DATE: 04 10 1999
 AC FLS SS JP
 DATE: 04 10 1999

PROJECT NO. ---

FILE PATH:

KEY NOTES

- 1 TS 2" x 2" x 14ga
- 2 TS 1 1/2" x 1/2" x 14ga (Fy = 39 KSI)
- 3 TS 1 1/4" x 1 1/4" x 14ga (Fy = 39 KSI)
- 4 TS 1" x 1" x 16ga WHEELCHAIR GUIDE
- 5 2 x 6 PT SILL PLATE
- 6 2 x 2 NAILER W/16d @ 12" OC
- 7 2 x RW HEADER BY DISTRICT.
- 8 6" x 10ga CONTINUOUS PLATE W/ #14 x 2" TEK SCREWS @ 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14 x 2" TEK SCREWS INTO METAL @ 9" OC
- 9 2" x 4" x 12ga BASE PLATE W/2-1/4" x 1" LAGS
- 10 6" x 10" x 12ga BASE PLATE @ RAMP TOE.
- 11 LOWER LANDING BY DISTRICT
- 12 SKIPPING PLYWOOD TO MATCH BUILDING SIDING. BLOCK FIELD AT EDGE CONNECTION TO I.S. USE #14 x 2" TEK SCREWS @ 6" OC (OPTIONAL)
- 13 12ga METAL DECK. NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 0.2. MAINTAINABLE FOR 1 YR. EXISTING BUILDING.
- 14 CAULKING
- 15 26 ga FLASHING
- 16 3/8" dia x 2" LONG MB W/NUT & WASHERS
- 17 PAVE BY DISTRICT.
- 18 RAMP BY MODTECH
- 19 FLUSH TRANSITION
- 20 12" MINIMUM BUILDING SERERATION
- 21 PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION BY DISTRICT
- 22 FOR LANDING DETAILS AND RAMP ATTACHMENT SEE 12/R1.0
- 23 FASTEN POSTS W/ 3/8" thru BOLT. TYPICAL
- 24 2" WARNING STRIPES MAX 1" FROM EVERY STAIR NOSING. USE CONTRASTING COLOR.
- 25 TS 2 1/2" x 1 1/2" x 8ga ASTM A500 GRADE A

REVISED

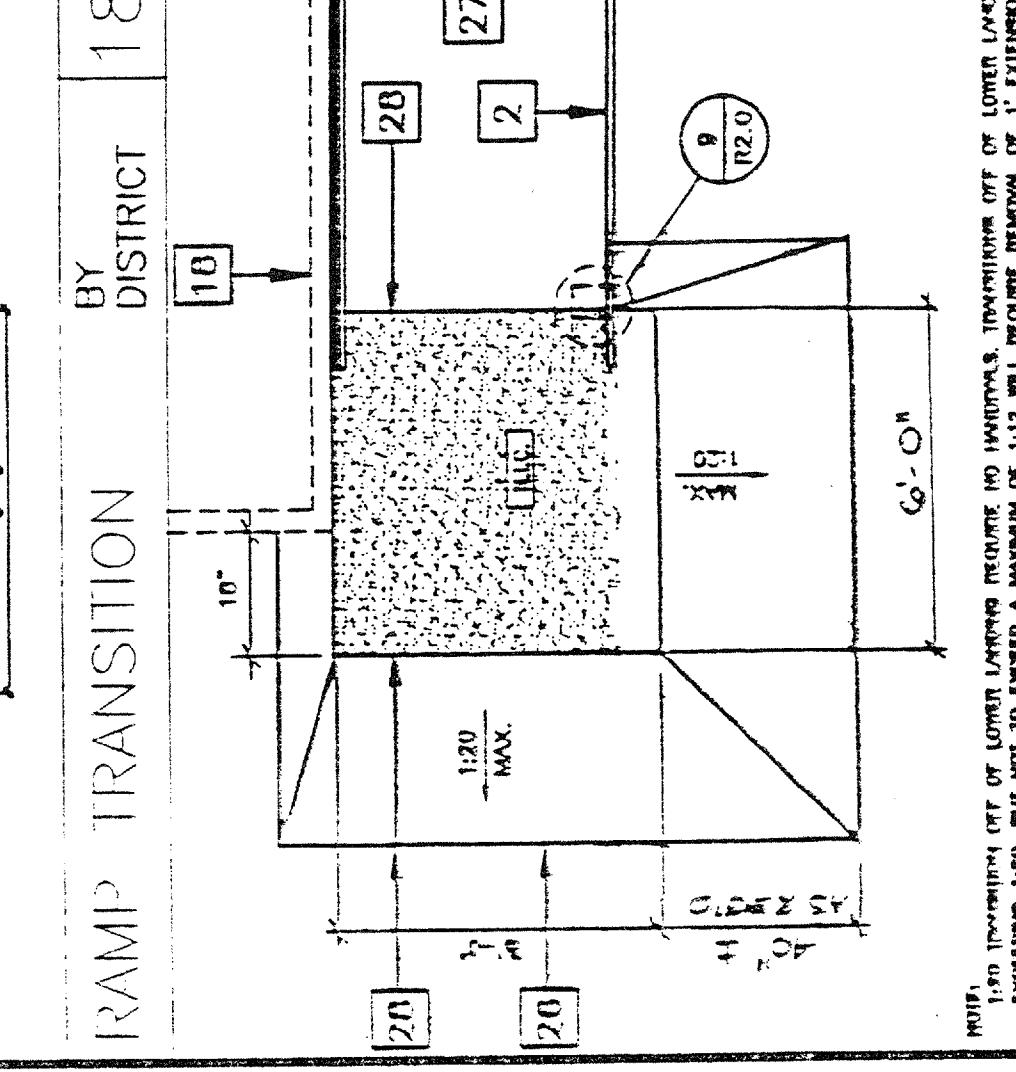
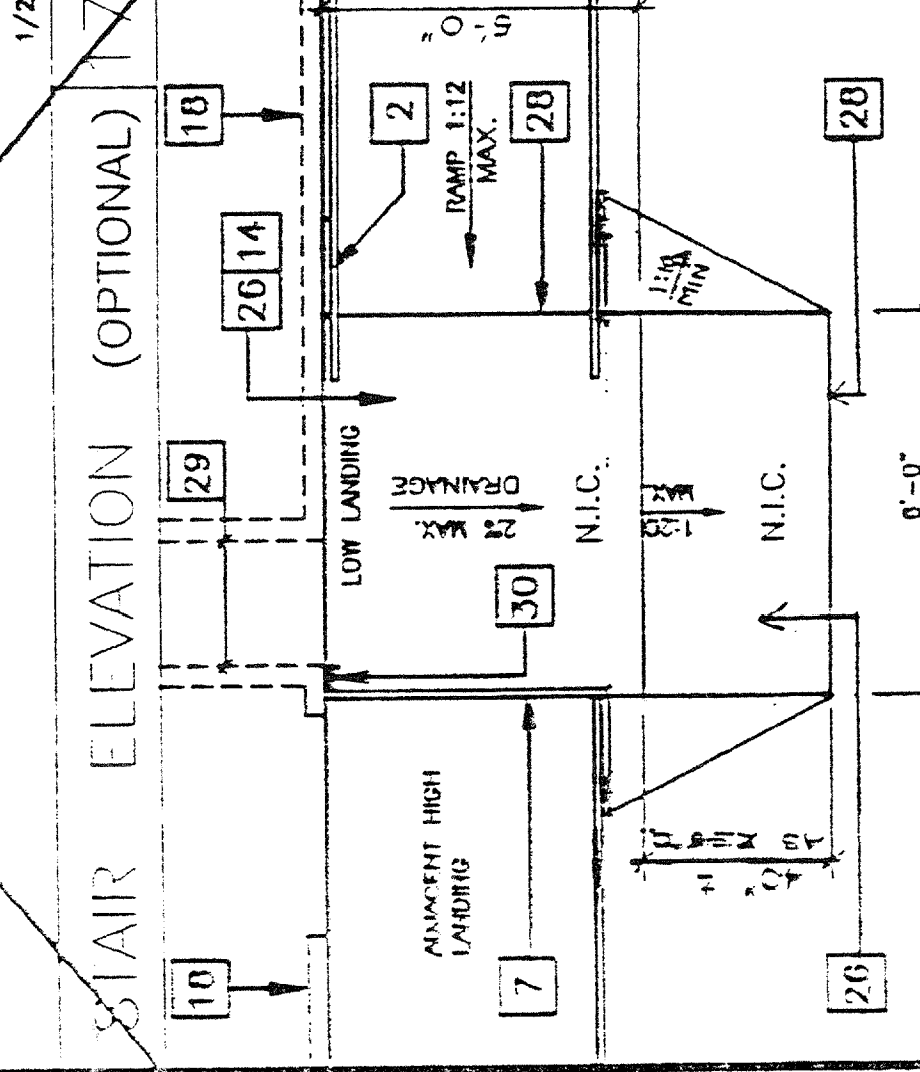
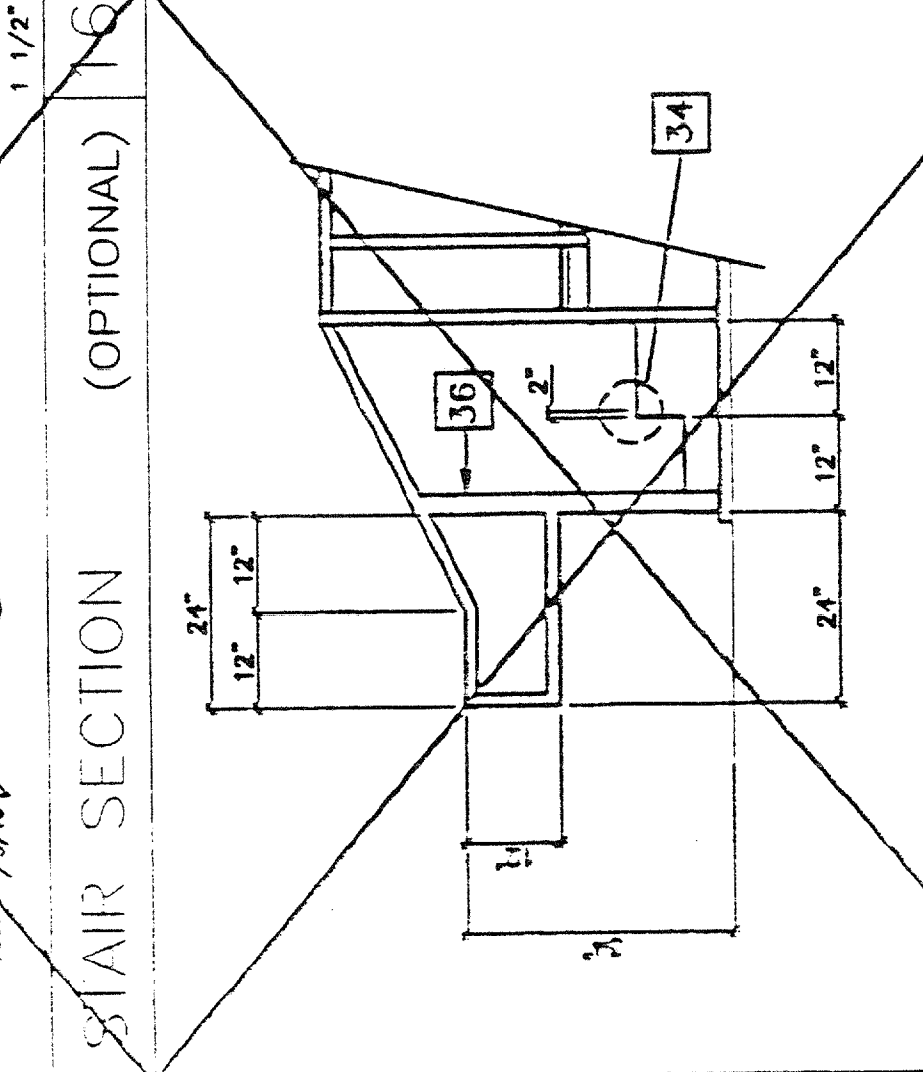
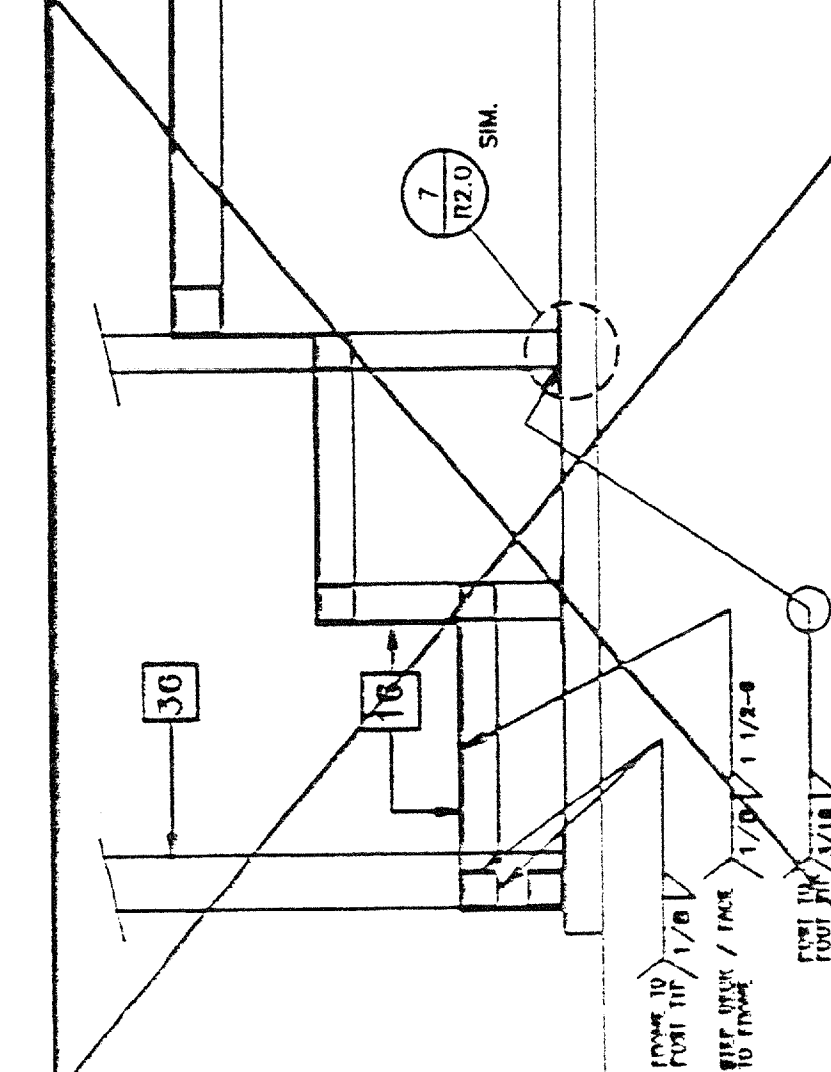
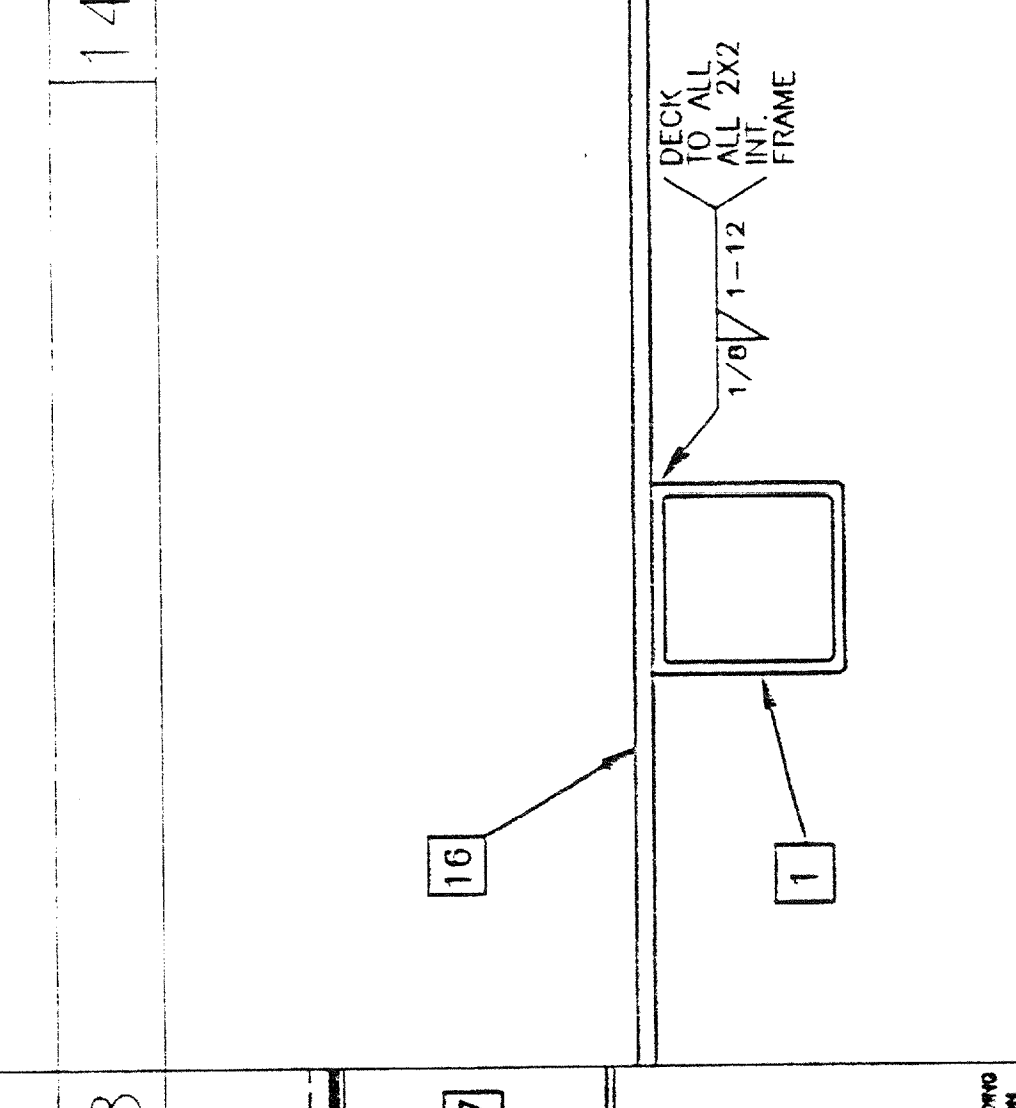
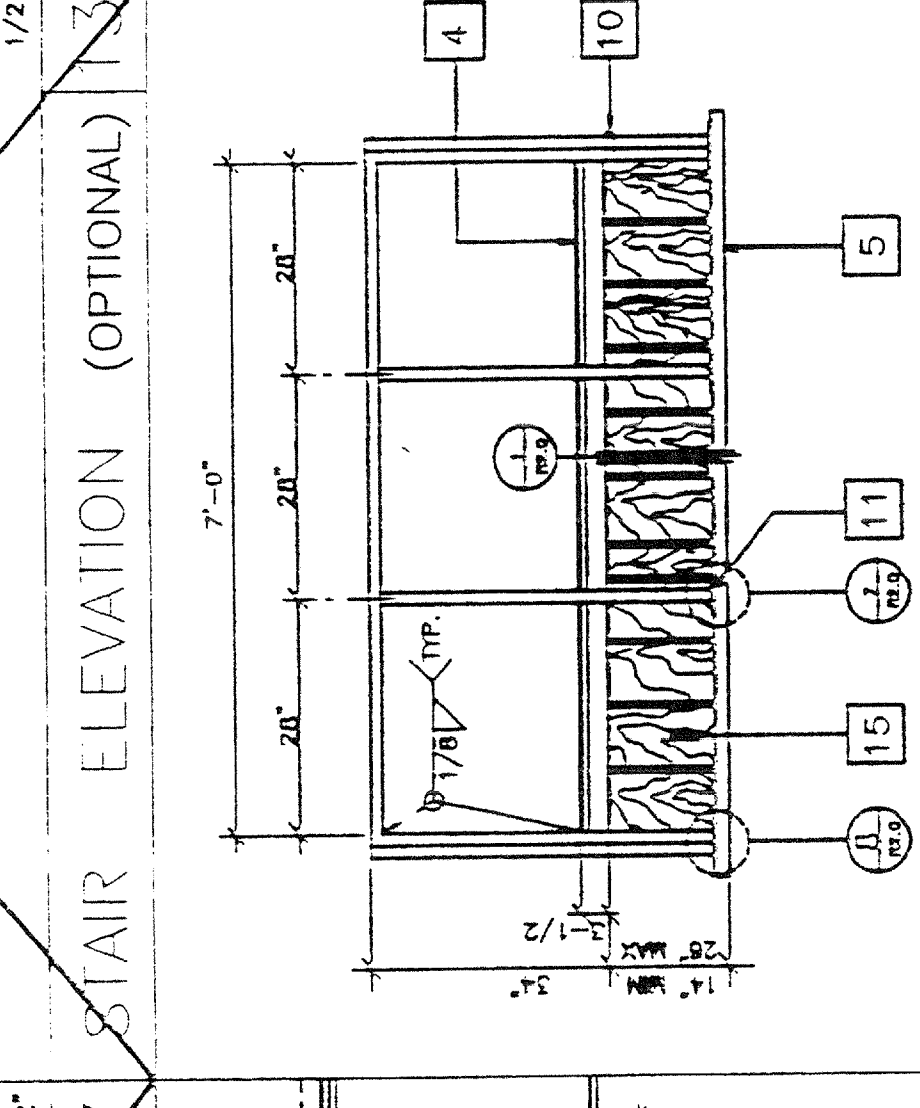
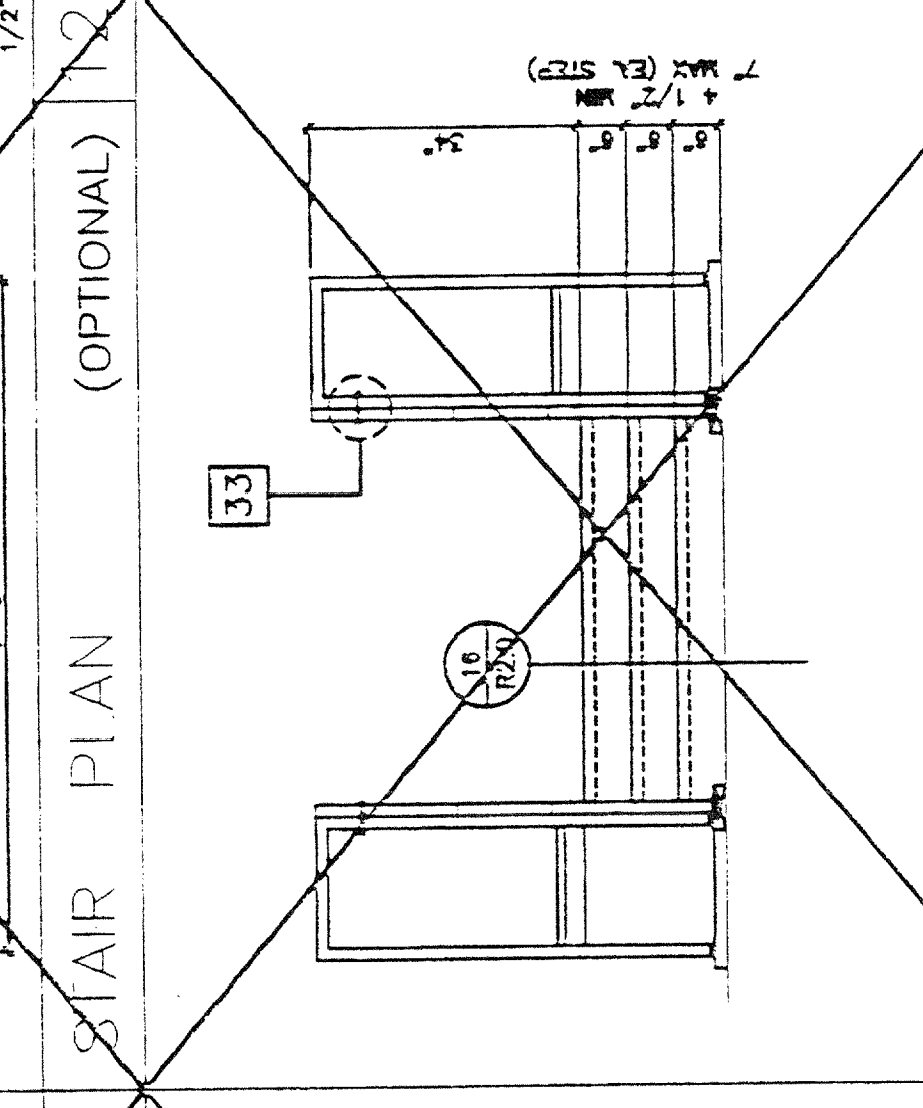
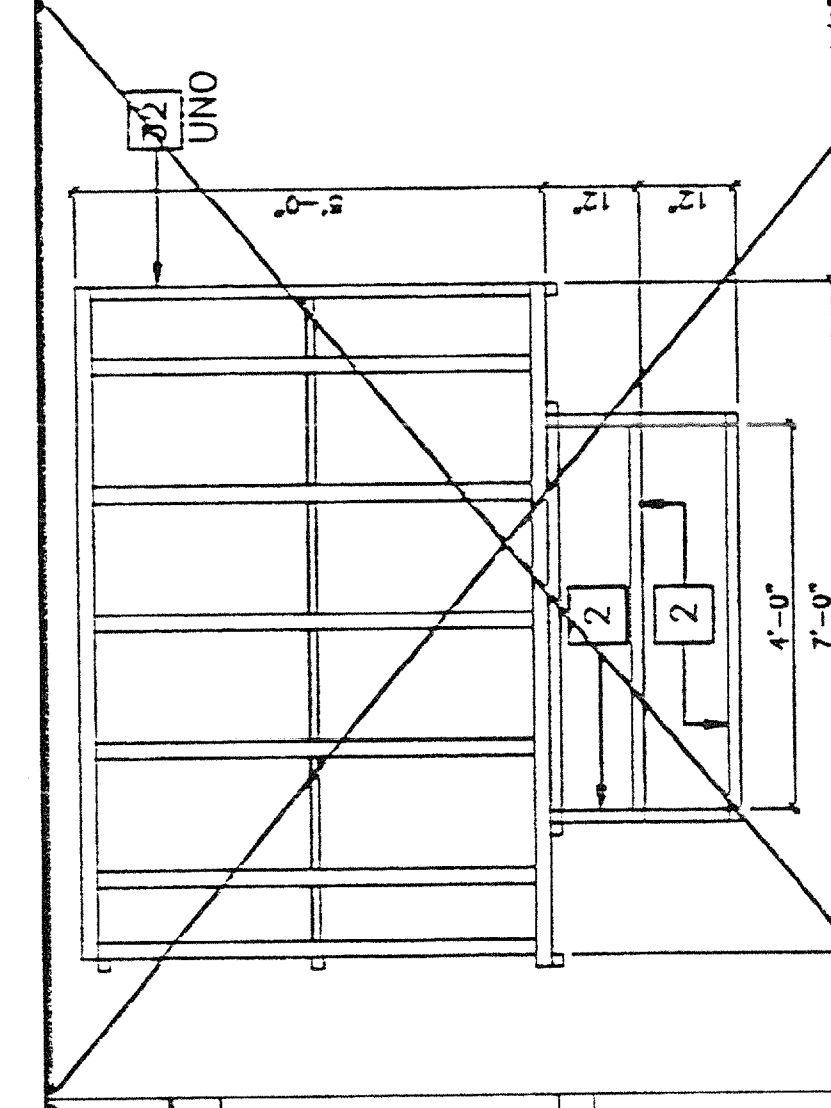
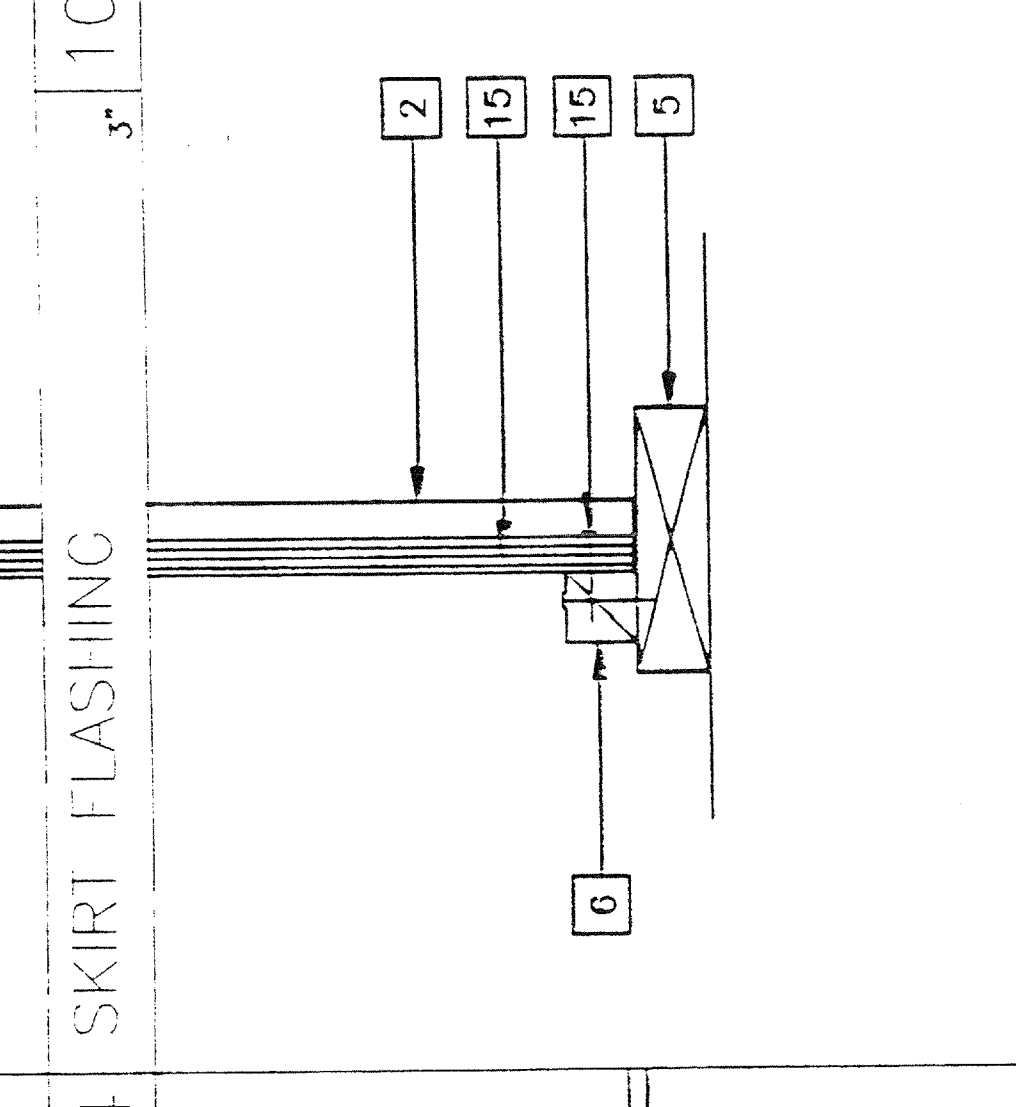
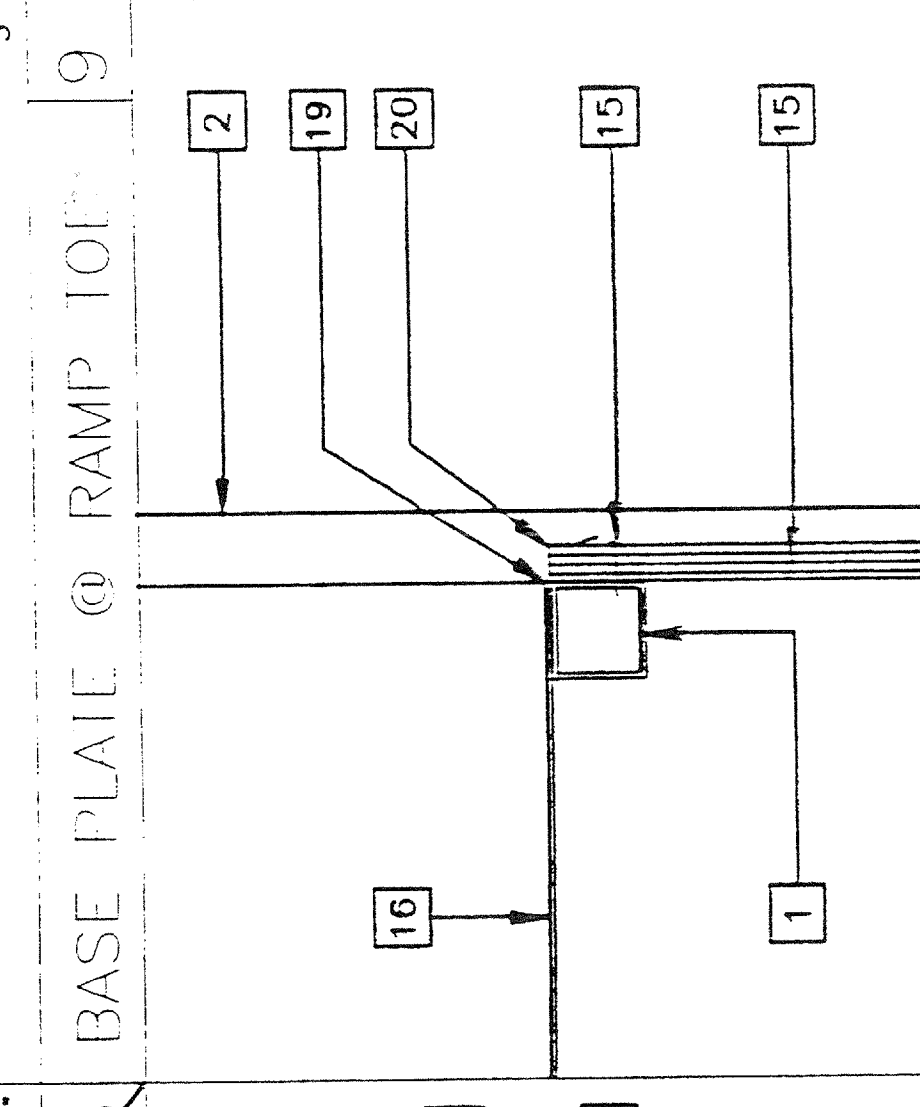
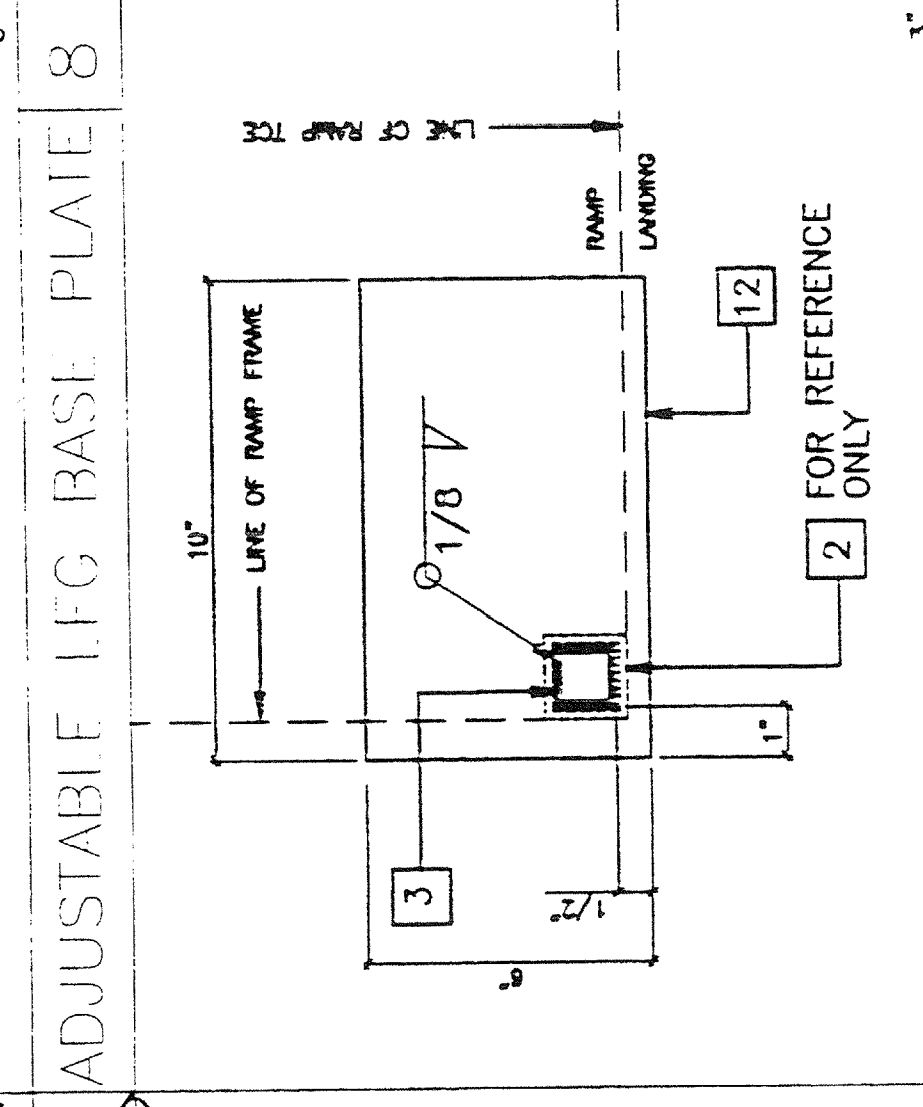
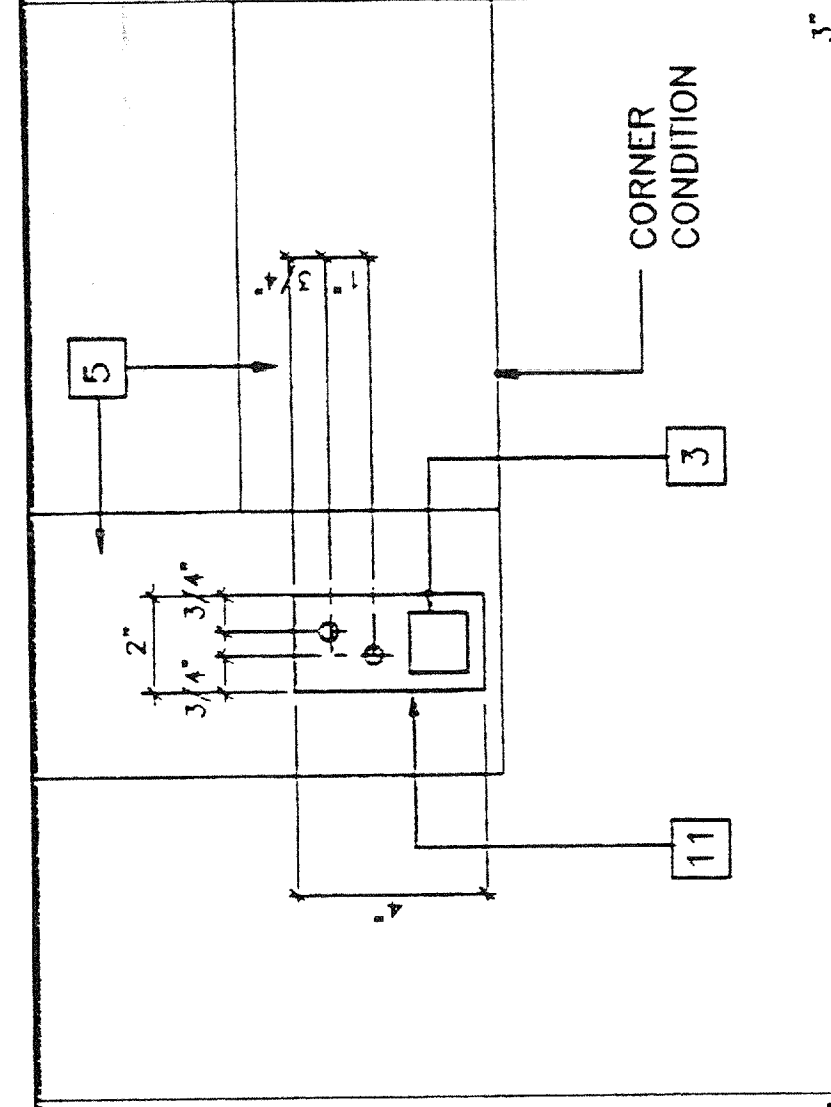
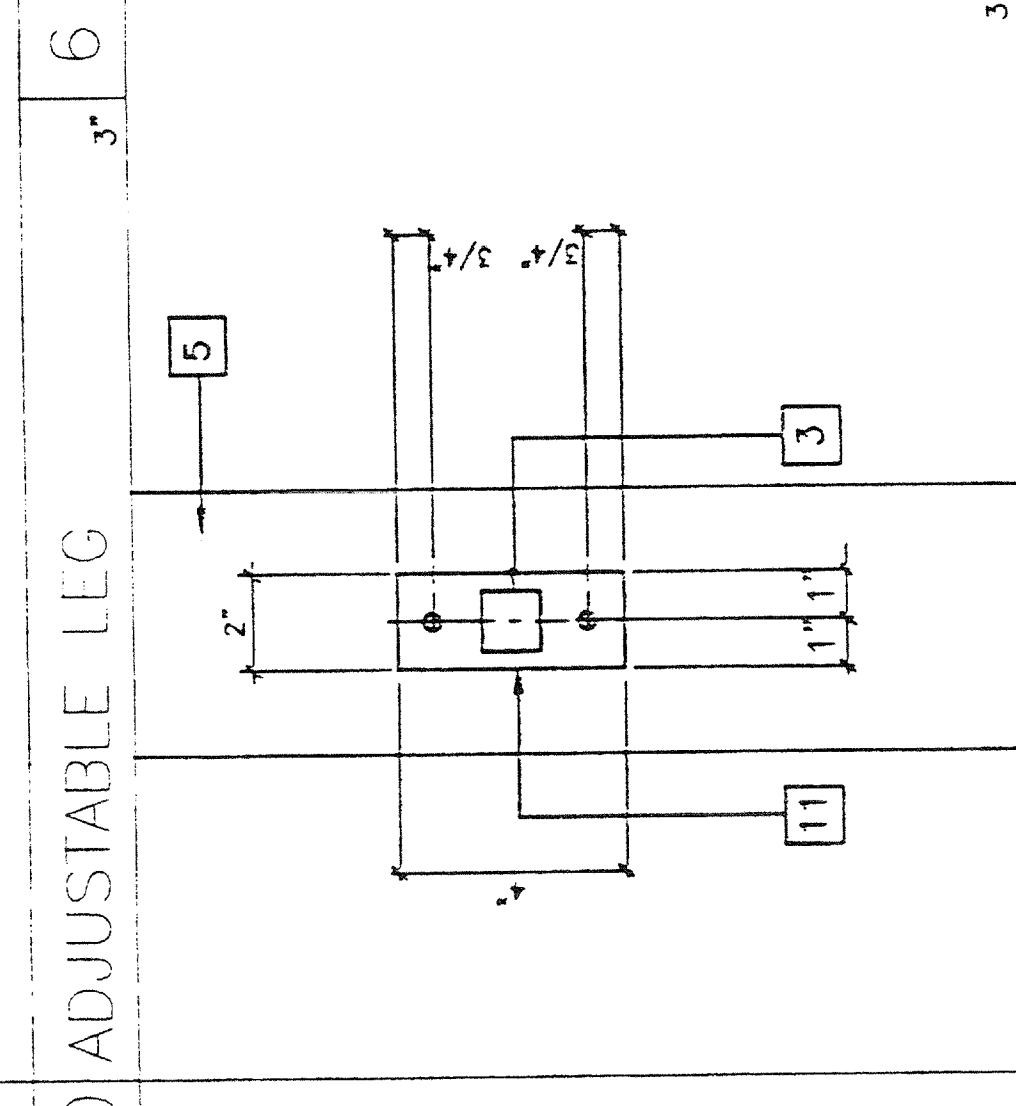
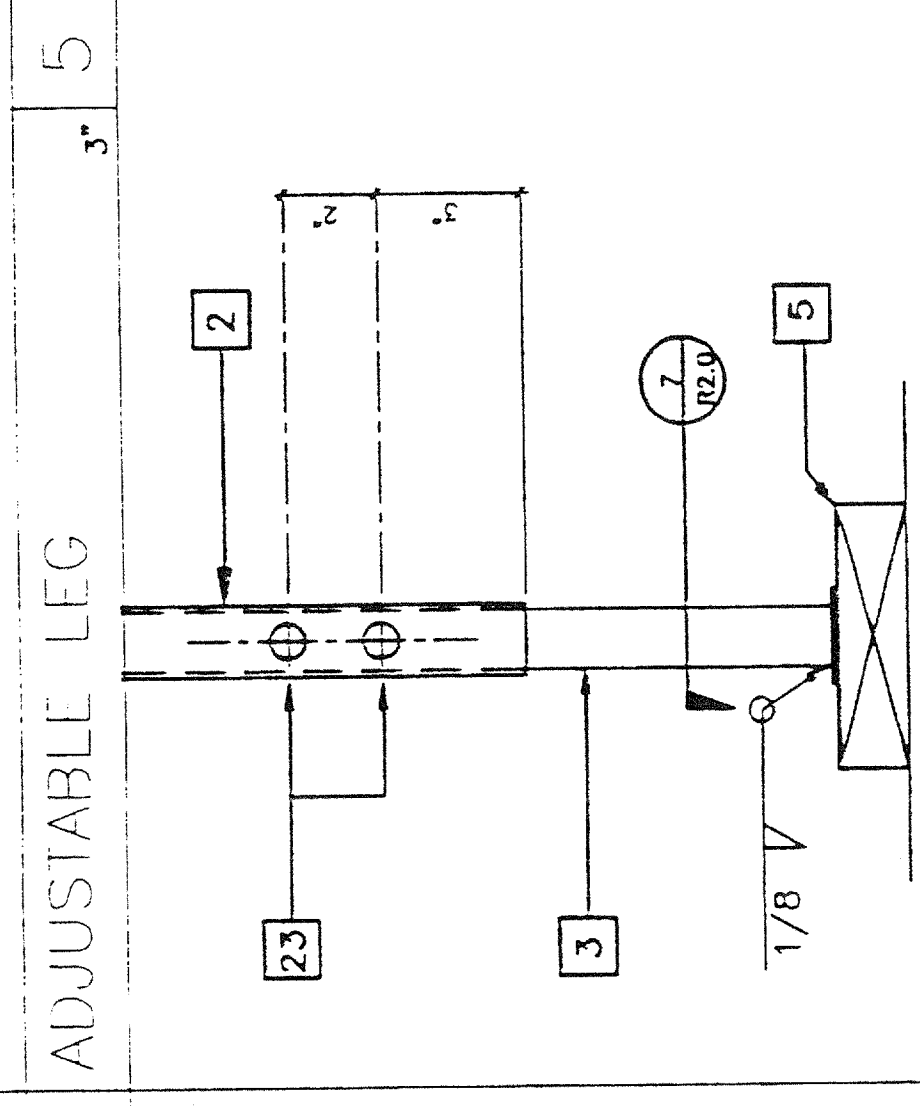
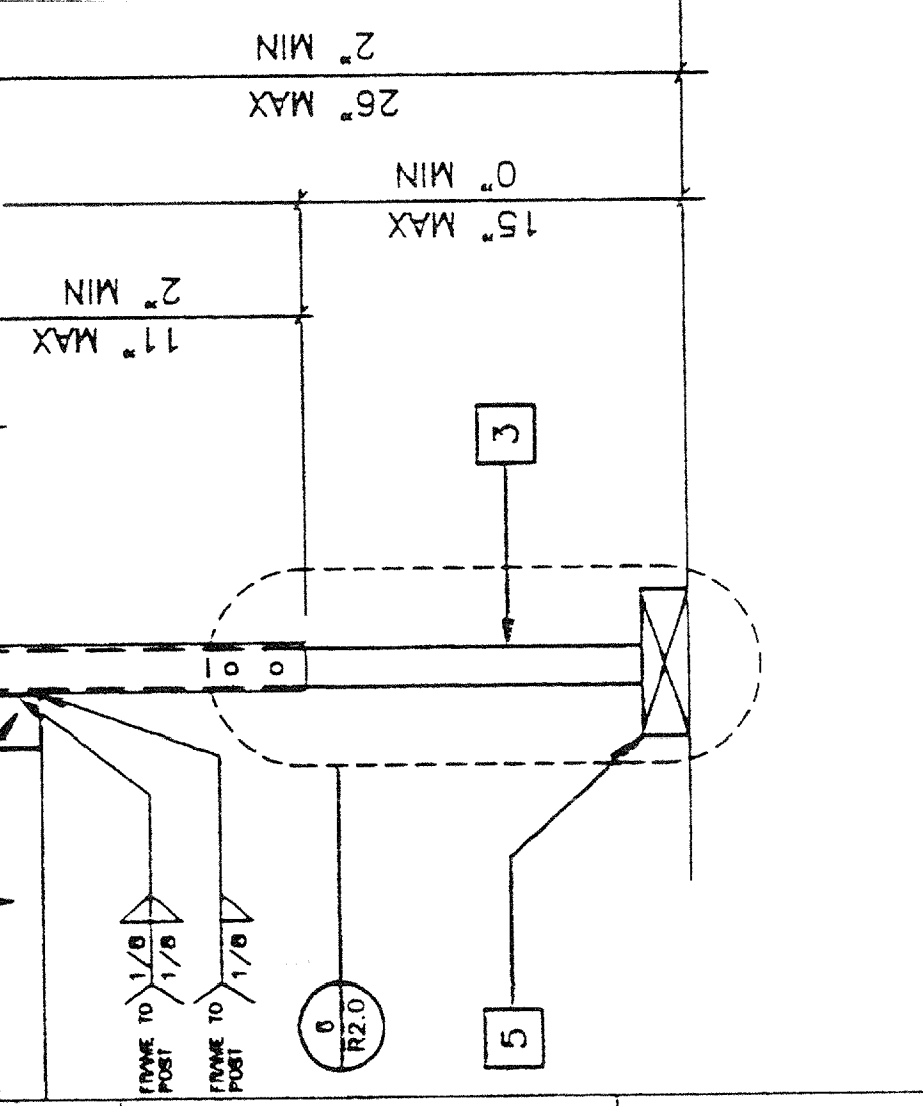
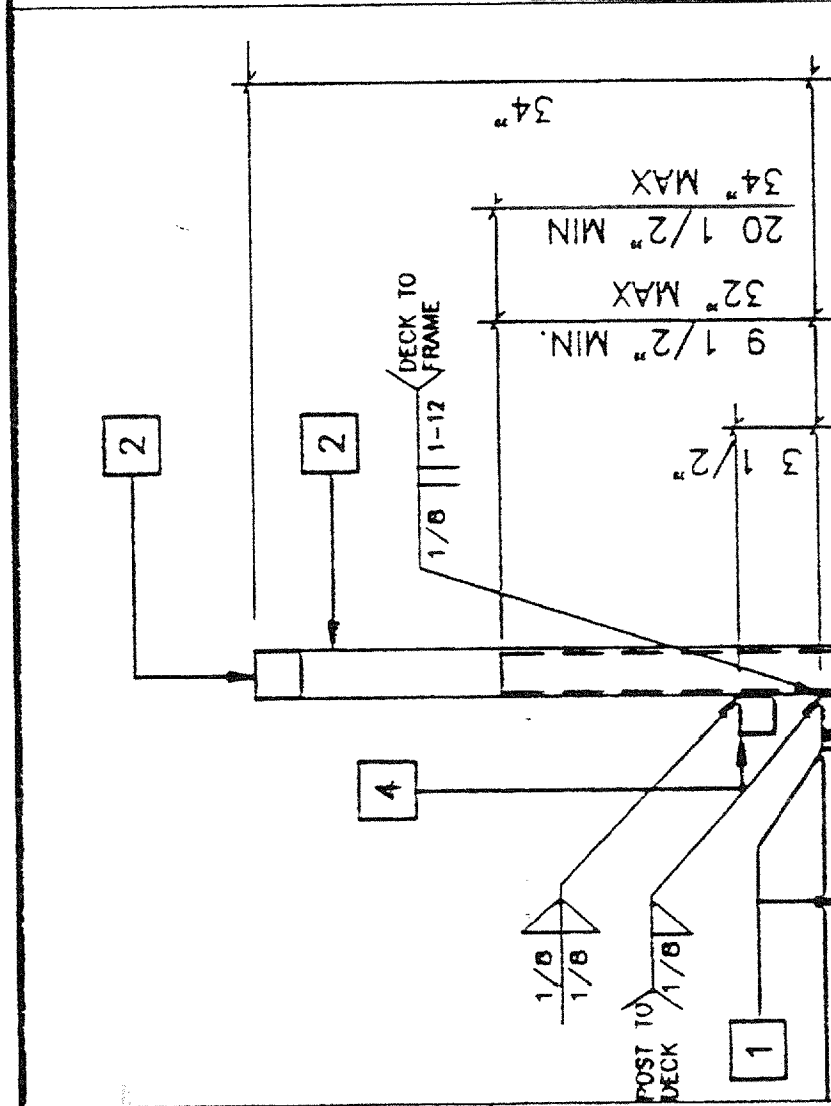
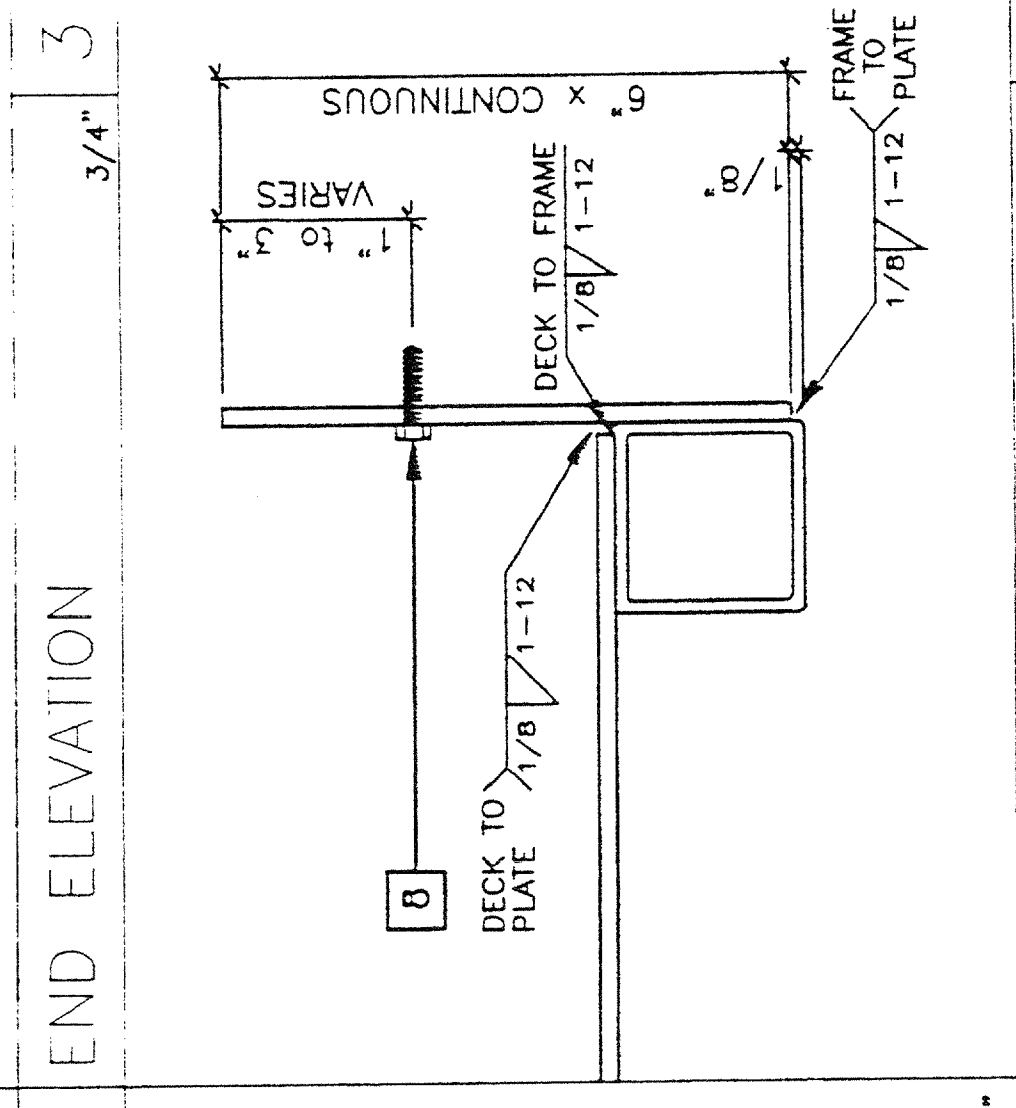
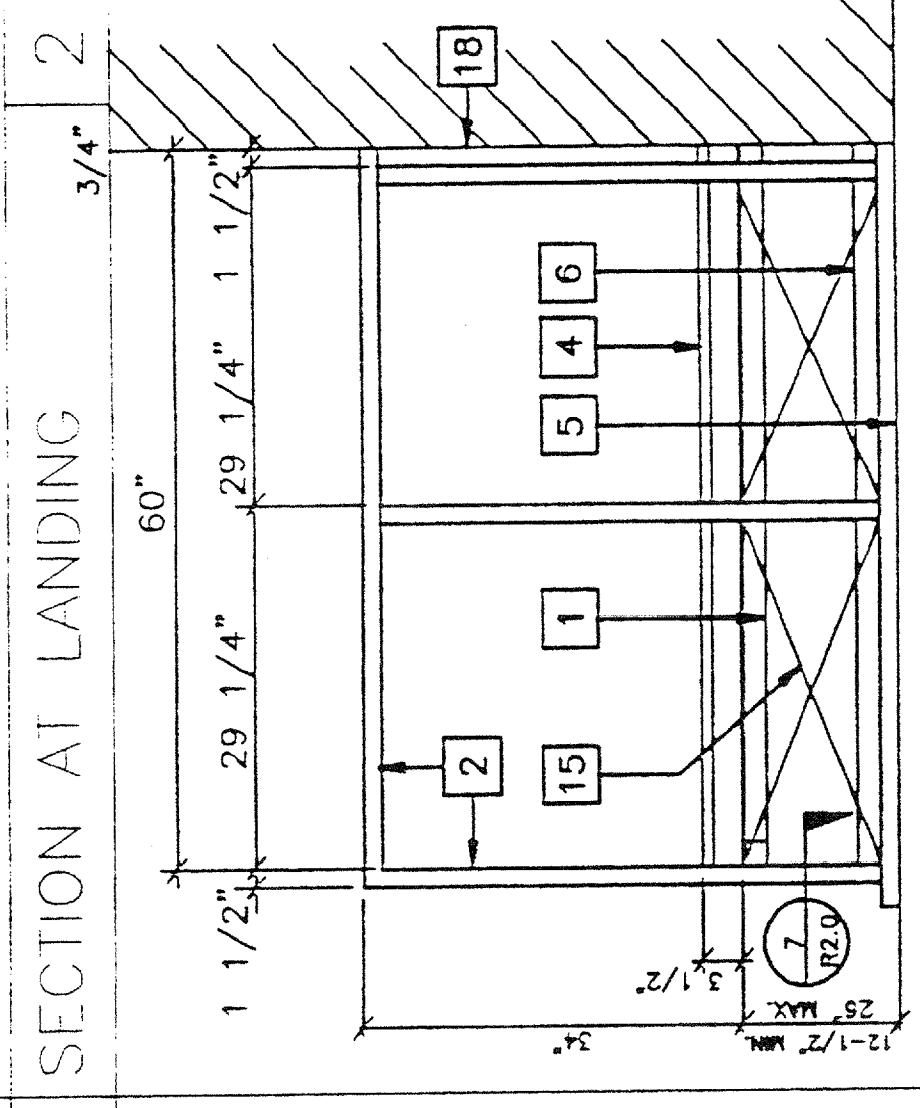
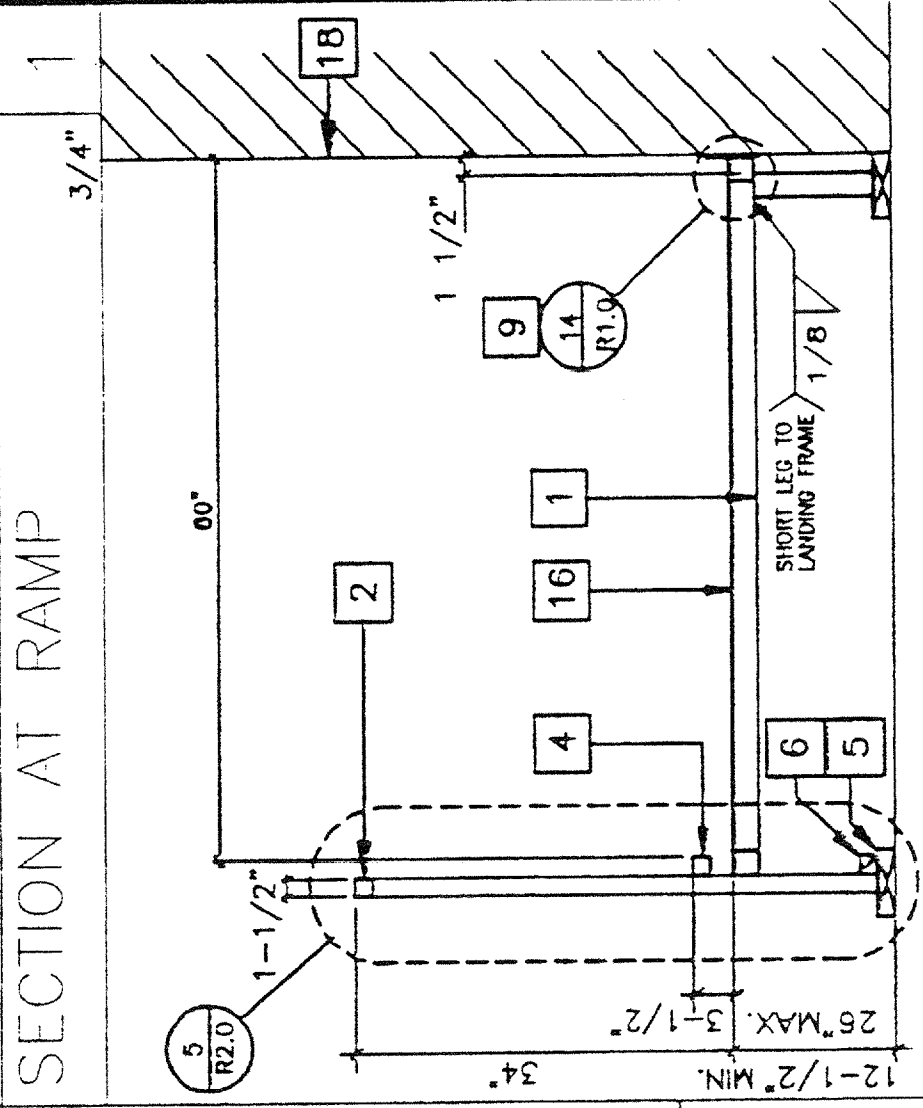
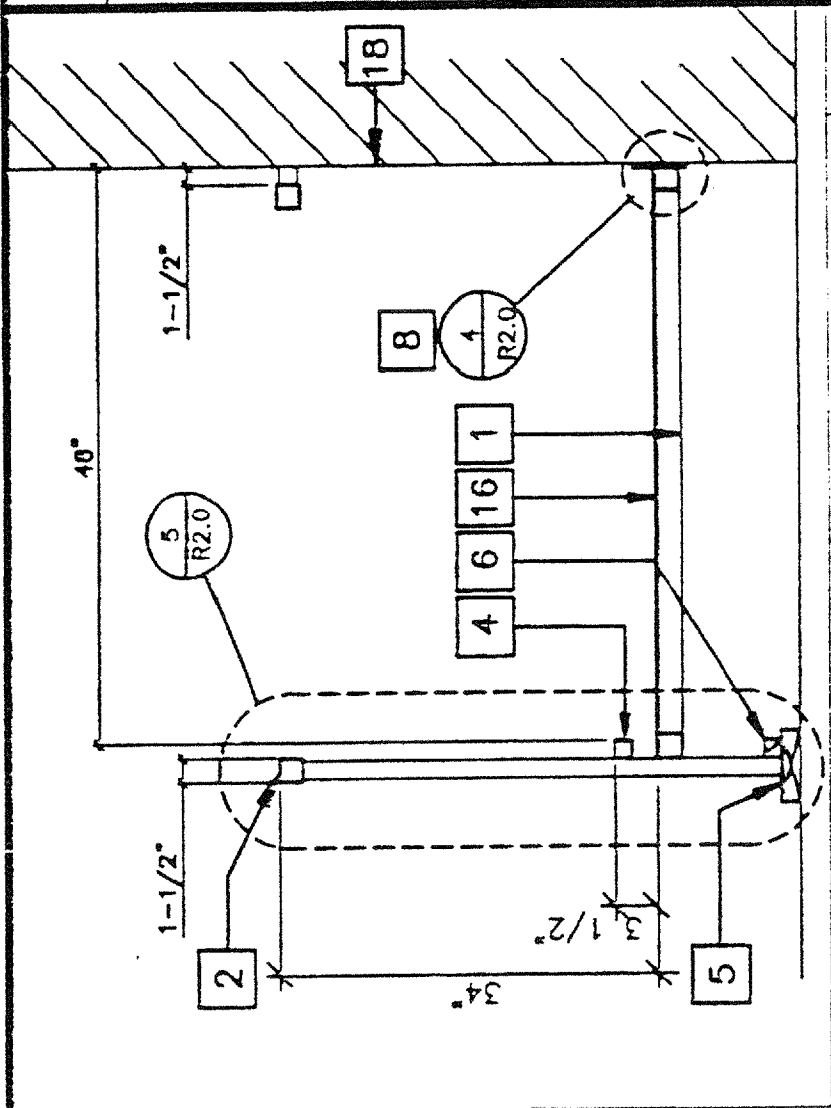
IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECTURE
 OFFICE OF REGULATION SERVICES
 04 101527
 APPROVED FOR THE STATE ARCHITECT
 DATE SEP 11 1997

IDENTIFICATION NUMBER
 OFFICE OF REGULATION SERVICES
 04 101527
 AC 6 RLS 33 37
 DATE SEP 11 1997

drawn by: RVI
 date: 11/90
 checked by: SS
 date:
 project no:
 MODTECH Inhb. No. **R2.0**

Job Number: PC 270
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RAMP / STAIR DETAILS



SECTION @ PLATE 1/2"

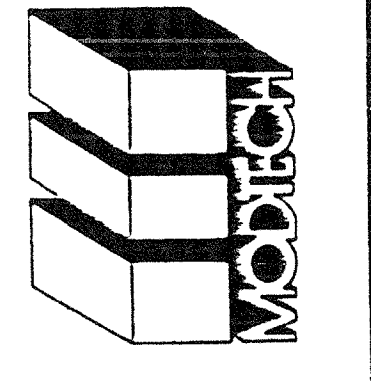
ADJUSTABLE LEG BASE PLATE 3"

SKIRT @ SILL PLATE 1/2"

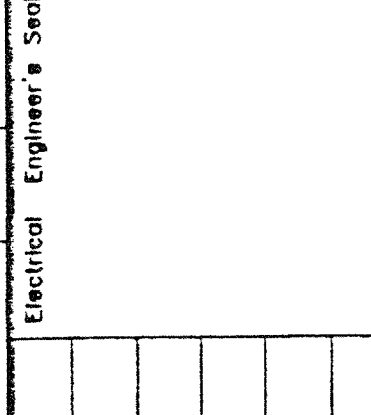
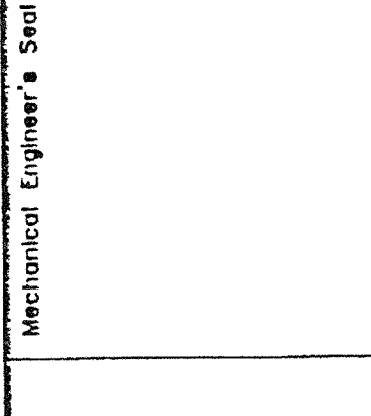
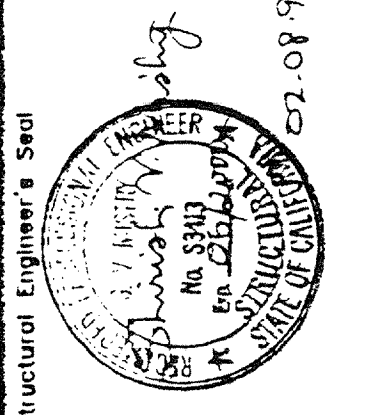
SECTION @ INT. FRAME 1/2"

RAMP TRANSITION BY DISTRICT 1/2"

MODTECH INC.
 2830 BARRETT AVENUE
 PERRIS, CALIF. 92572
 FAX (909) 843-4014
 (909) 940-0427



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECTURE
 OFFICE OF REGULATION SERVICES
 PC 270
 DATE FEB 11 1997
 REVISED



NOTES: 1. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED. 2. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION BY DISTRICT. 3. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION BY DISTRICT. 4. PROVIDE DIVERSION FOR WATER FROM DOWNSPOUT FOR THIS CONDITION BY DISTRICT.