

WASHINGTON AVENUE (70' RIGHT OF WAY - TOTAL)

ADAMS AVENUE (25' RESERVED)

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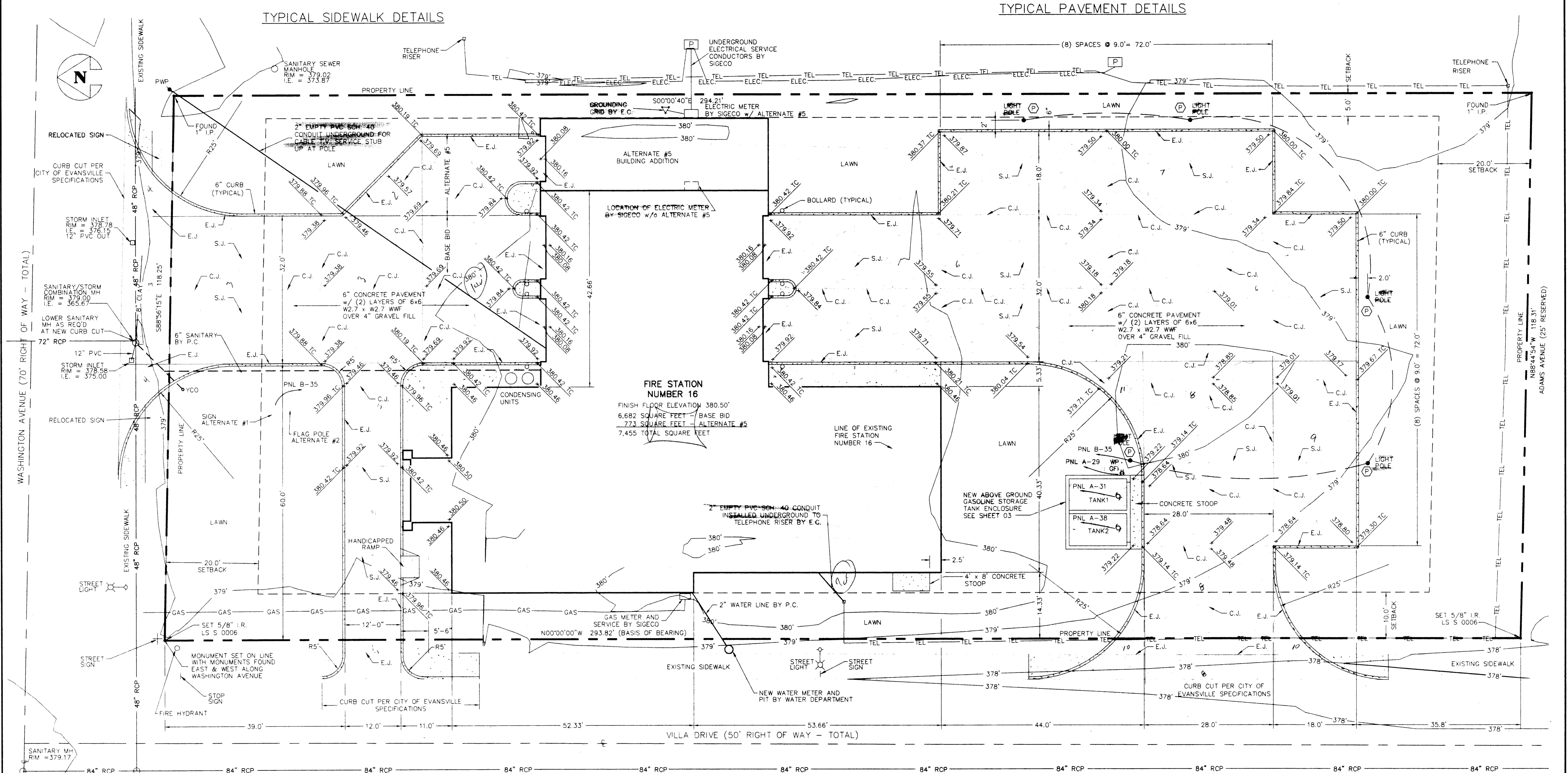
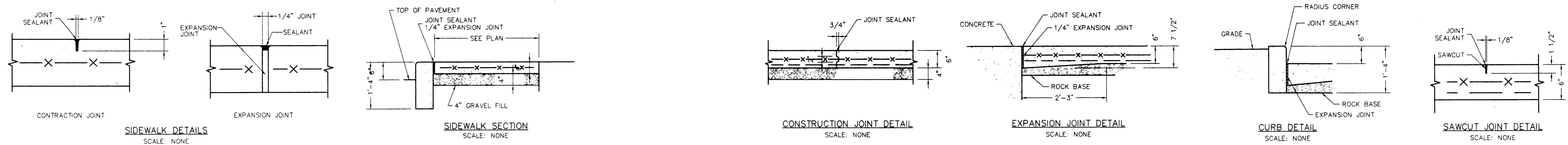
**NOTES:**

- DEMOLISH EXISTING BUILDING AND EXCAVATE BUILDING AREA AS SHOWN ON PLAN. BACK FILL AREAS WITH CLAY/SHALE FILL IN 8" LIFTS AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557. EVERY LIFT SHALL HAVE AN IN-PLACE DENSITY TEST SUBMITTED TO ARCHITECT/ENGINEER.
- GC SHALL REMOVE AND RELOCATE EXISTING BRONZE PLAQUES - SEE SHEET #5.
- EC TO SAVE EXISTING FIRE PREVENTION BOX FOR RELOCATION - SEE SHEET #3.



*James D. Cullum*

DRAWN BY PAT 03/97		PROJECT	MADJ PROJECT No.	SCALE	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services CITY OF EVANSVILLE BOARD OF PUBLIC WORKS
CHECKED BY TDC 03/97		FIRE STATION #16	9706	1"=10'-0"	
APPROVED BY SRH 04/97		SITE DEMOLITION PLAN			
ISSUED FOR BID	04/11/97	TDC	THIS DOCUMENT IS CONFIDENTIAL. NONE OF IT, INCLUDING THE DATA FILE, IS TO BE REPRODUCED, CHANGED, OR PROVIDED TO ANY THIRD PARTY WITHOUT EXPLICIT CONSENT FROM Mid America Design, Inc.		DRAWING NUMBER
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- NOTES:**
1. MATCH EXISTING ELEVATIONS AT STREET AND WALKS FOR NEW CURB CUTS. PATCH STREET AS REQUIRED.
  2. ALL DISTURBED LAWN AREAS TO RECEIVE GRASS SEED PER SPECIFICATIONS.
  3. P.C. SHALL PATCH EXISTING MANHOLE AT WASHINGTON AVENUE AS REQUIRED.
- LEGEND**
- 000 EXISTING GRADE
  - 000.00 NEW GRADE
  - C.J. CONSTRUCTION JOINT
  - S.J. SAWCUT JOINT
  - E.J. EXPANSION JOINT

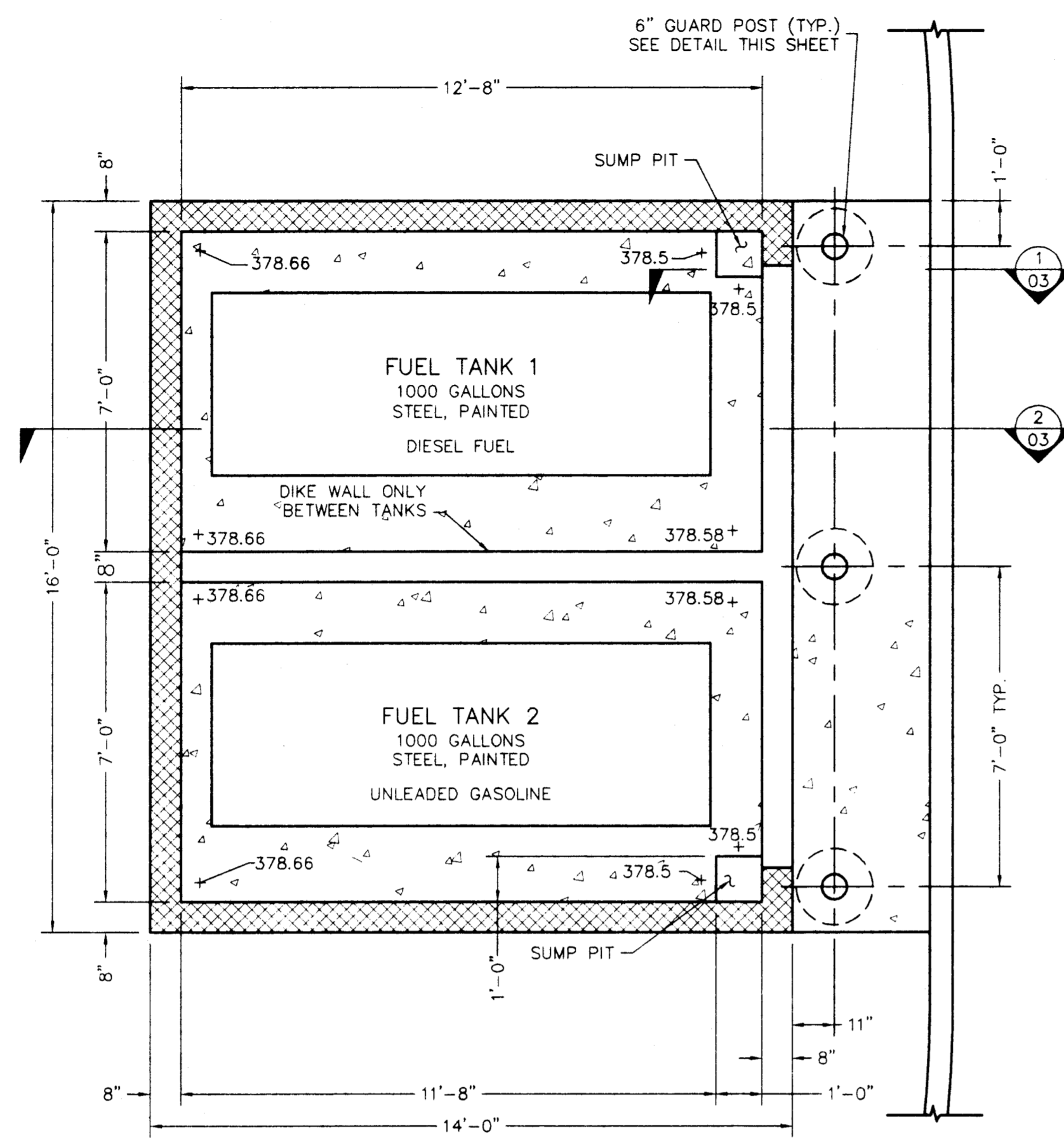


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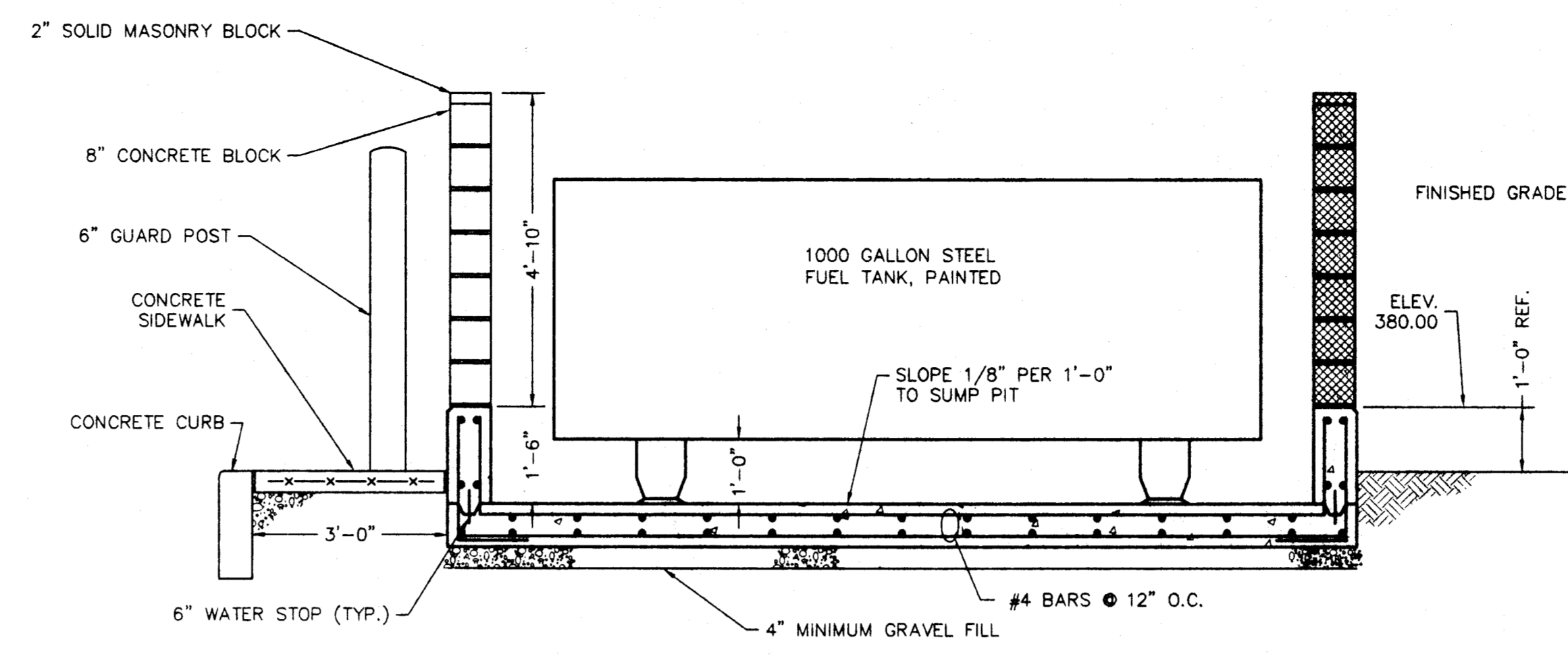
DRAWN BY	PAT	03/97
DESIGNED BY	TDC	03/97
CHECKED BY	TDC	04/97
APPROVED BY	SRH	04/97

PROJECT	FIRE STATION #16
MADJ PROJECT No.	9706
SCALE	1" = 10'-0"
DRAWING TITLE	SITE PLAN
CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	

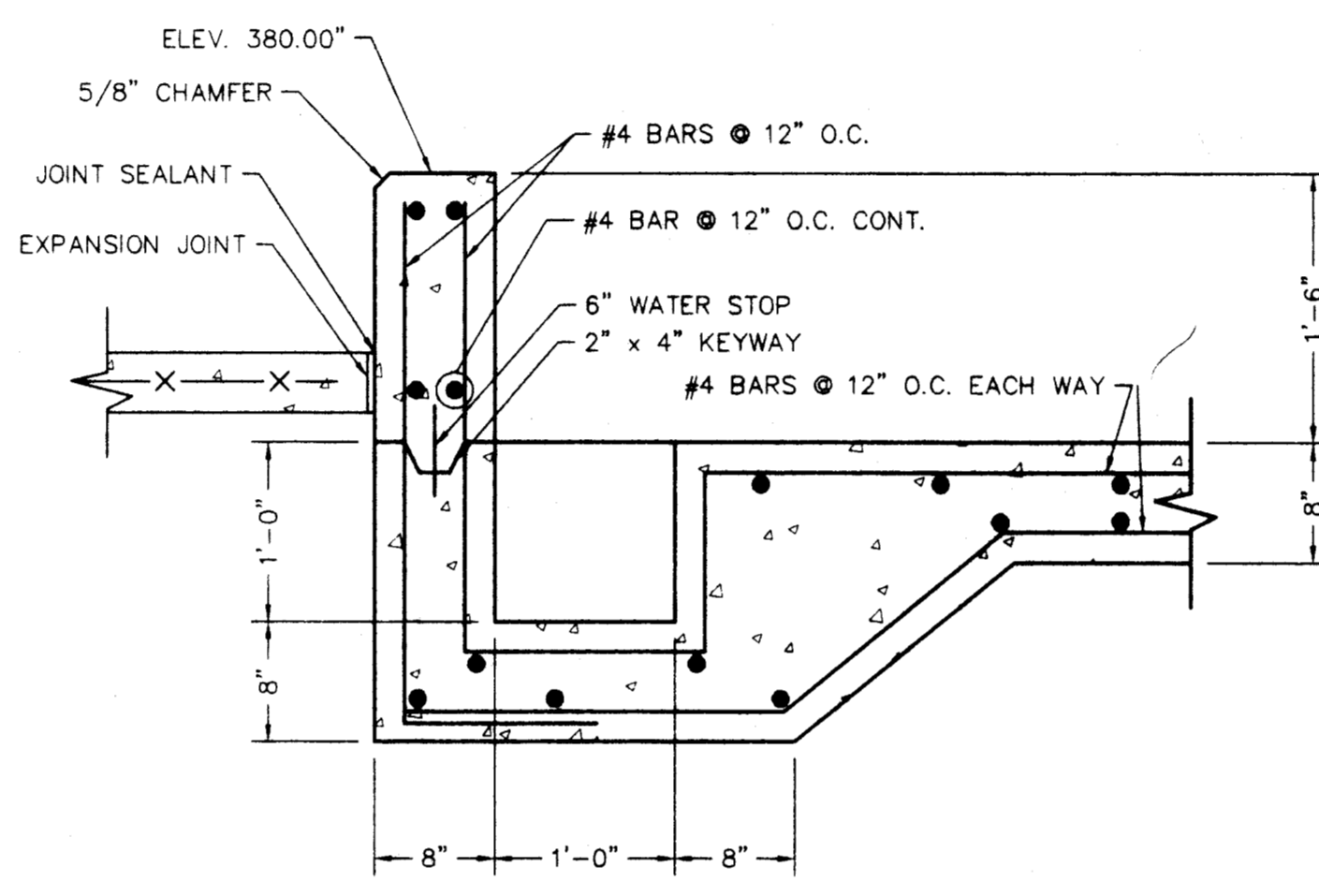
<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
DRAWING NUMBER 9706-02
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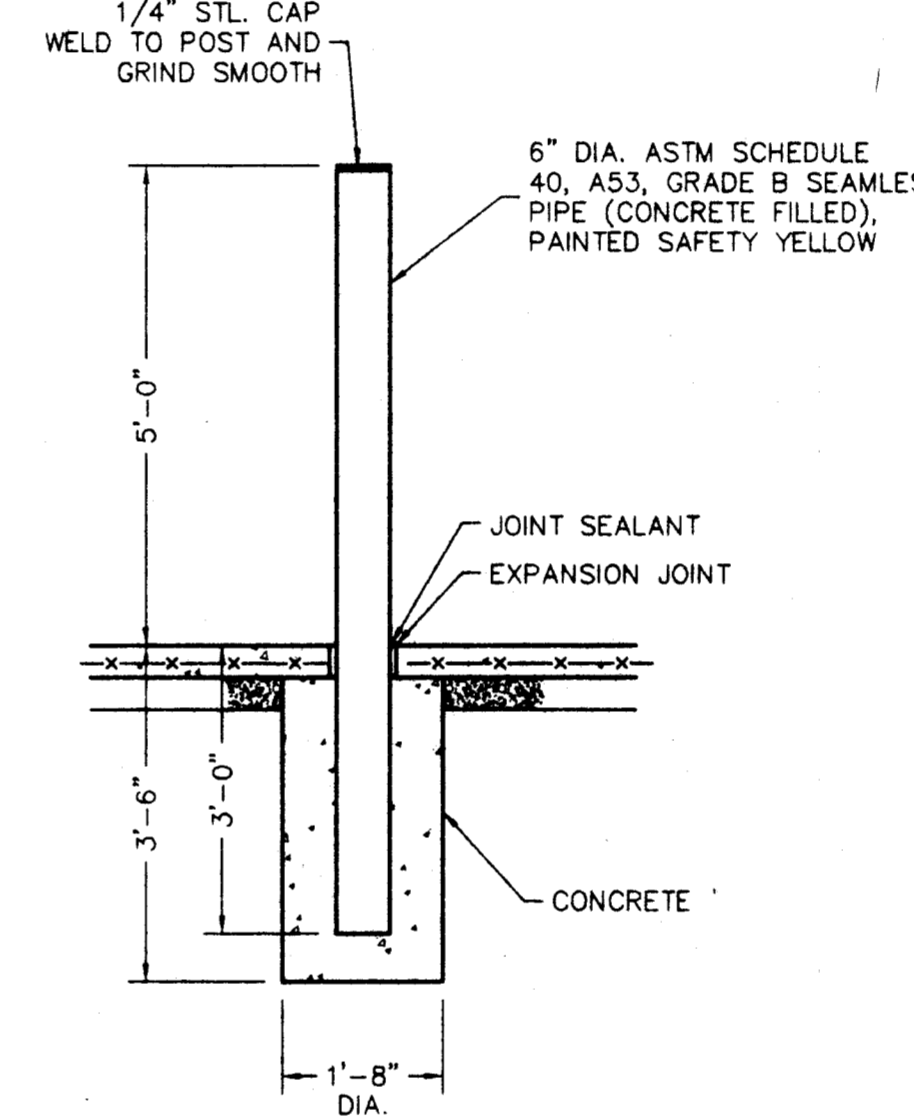
PLAN - FUEL TANK DIKE  
SCALE: 3/8" = 1'-0"



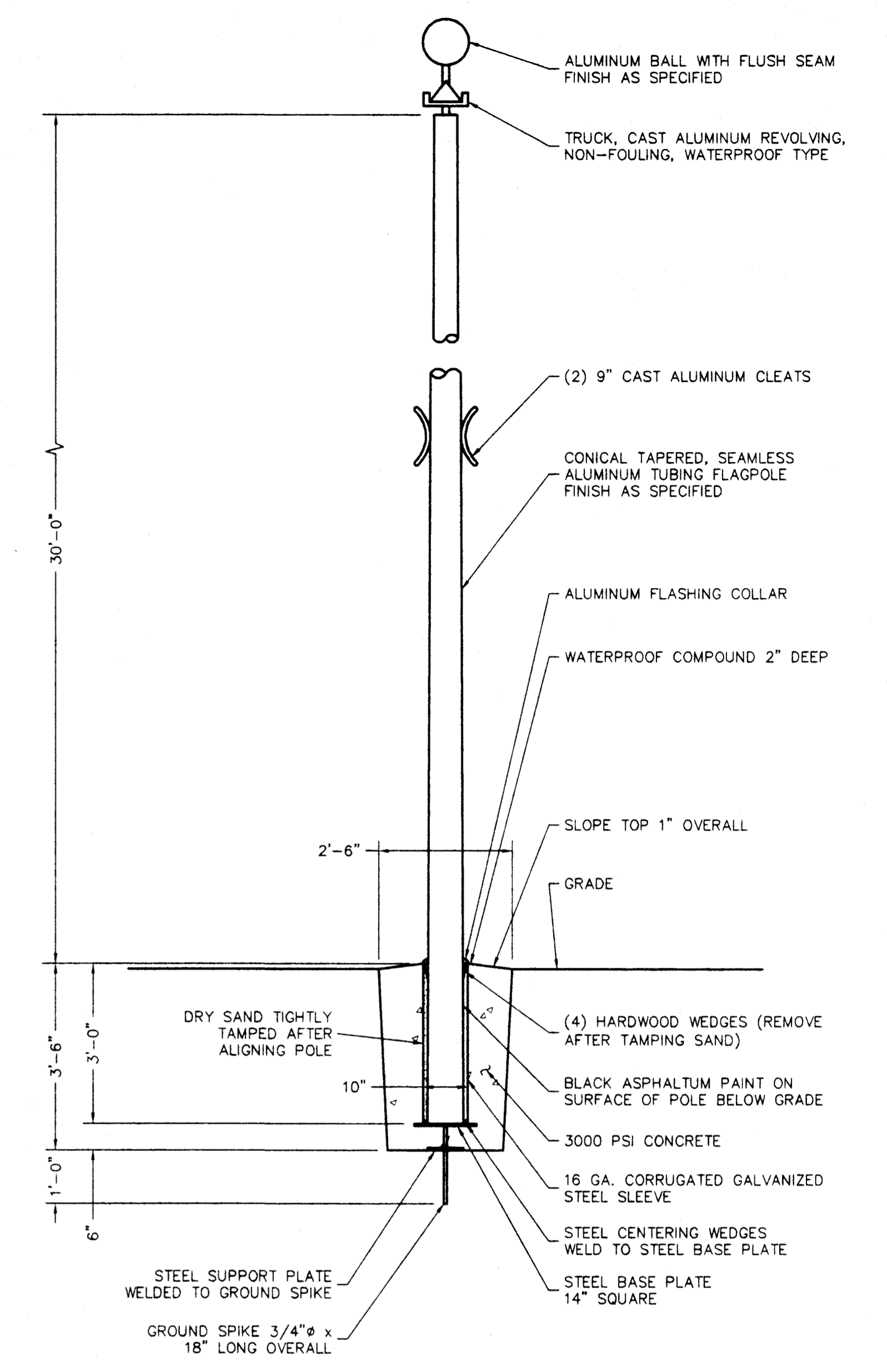
SECTION 2  
SCALE: 1/2" = 1'-0"



SECTION 1  
SCALE: 1" = 1'-0"



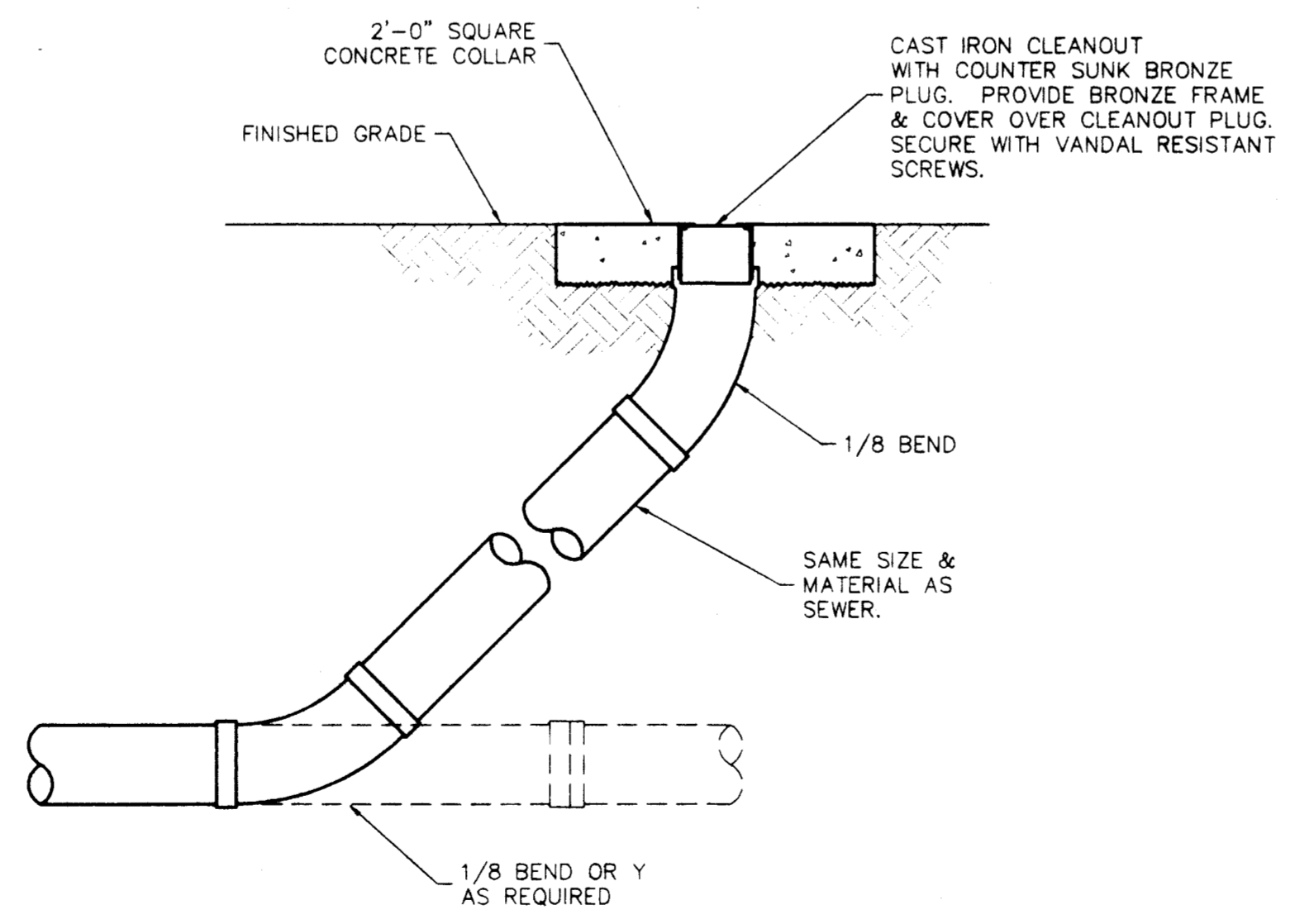
GUARD POST DETAIL  
SCALE: 1/2" = 1'-0"



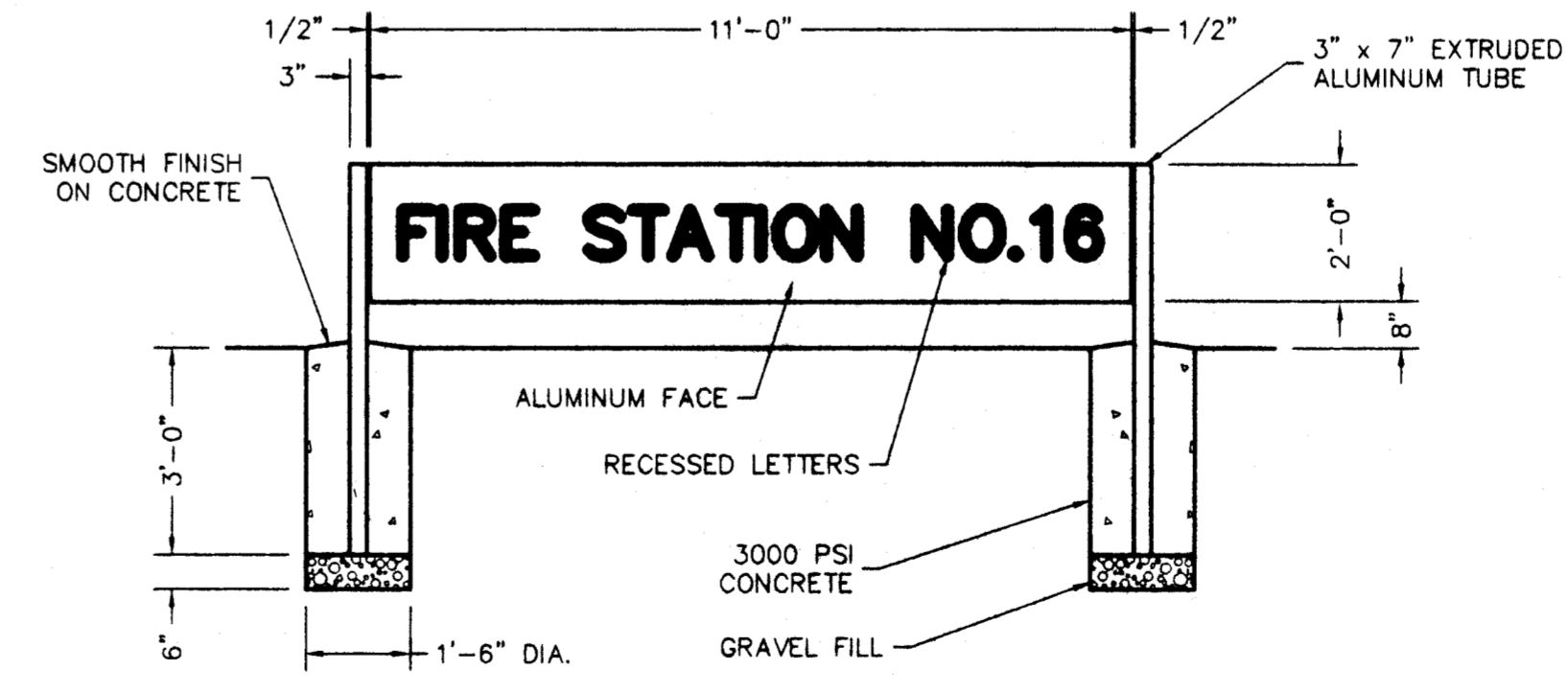
FLAGPOLE DETAIL - ALTERNATE #2  
SCALE: 1/2" = 1'-0"

TANK SPECIFICATIONS:

- EACH TANK SHALL BEAR THE U.L.142 LABEL FOR ABOVEGROUND LIQUID STORAGE.
- ONLY NEW MATERIAL SHALL BE USED IN THE MANUFACTURING PROCESS, AND THE MANUFACTURER SHALL ENSURE THAT THE MATERIAL USED MEETS ALL APPROPRIATE SPECIFICATIONS AND QUALITY ASSURANCE REQUIREMENTS.
- INTERNAL LOAD: TANKS SHALL WITHSTAND AN AIR PRESSURE TEST OF 3-5 PSI.
- TANKS SHALL BE DESIGNED TO SUPPORT ACCESSORY EQUIPMENT, SUCH AS LADDERS, PUMPS, FLOATING SUCTION, ETC. WHEN INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND LIMITATIONS.
- TANKS SHALL BE PROVIDED WITH SUITABLY DESIGNED AND LOCATED LIFTING LUGS WHICH HAVE A 2:1 SAFETY FACTOR
- TANKS SHALL BE CAPABLE OF STORING LIQUIDS WITH A SPECIFIC GRAVITY OF UP TO 1.1.
- TANKS ARE DESIGNED FOR OPERATION AT ATMOSPHERIC PRESSURE ONLY. TANKS SHALL HAVE OPENINGS OF SUFFICIENT SIZE TO MEET NORMAL AND EMERGENCY VENTING REQUIREMENTS STATED IN U.L.142, U.F.C., AND N.F.P.A. 30.
- TANKS SHALL BE CAPABLE OF STORING GASOLINE, GASOHOL, JET FUEL, AVIATION DIESEL FUEL, OR METHANOL AT AMBIENT TEMPERATURE, OR USED FOR FUEL OIL AT TEMPERATURES NOT TO EXCEED 150 DEGREES FAHRENHEIT.
- DESIGN AND QUANTITY OF THE STEEL SUPPORT SADDLES SHALL BE SUCH AS TO SAFELY SUPPORT THE WEIGHT OF THE TANK FILLED TO CAPACITY.
- THE SADDLES SHALL BE LESS THAN 12 INCHES HIGH AT THEIR LOWEST POINT.
- TANKS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MOST RECENT INSTALLATION INSTRUCTIONS PROVIDED BY THE TANK MANUFACTURER, PEI/RP200, U.F.C., N.F.P.A. 30, LOCAL ORDINANCE, RECOGNIZED ENGINEERING PROCEDURE, AND OTHER APPLICABLE CODES.
- TANKS SHALL SUCCESSFULLY COMPLETE AN AIR PRESSURE TEST OF 3-5 PSI PRIOR TO INSTALLATION.
- FOR EACH TANK INCLUDE (1) ONE 2" DIA. x 8 FT. VENT RISER, (1) ONE 2" SIDE VENT CAP, (1) ONE 6" EMERGENCY VENT, (1) ONE 4" IRON AND BRASS LOCKABLE FILL CAP, (1) ONE 1" DIA. FILL TUBE TO EXTEND INTO TANK WITHIN 2" OF BOTTOM, (1) ONE 4 FT. GAUGE STICK, CONTENT AND WARNING DECALS AS REQUIRED PER UFC, (1) ONE 1/4 H.P., 15 GPM, 115 VOLT, 4 AMP FUEL PUMP (GASBOY #B20 OR EQUAL) w/ (1) ONE 1" DIA. SUCTION PIPE TO EXTEND 2" FROM TANK BOTTOM, REGISTER AND TOTALIZER, 3/4" DIA. x 24 FT. LONG U.L. LISTED HOSE, (1) ONE U.L. LISTED AUTOMATIC NOZZLE AND FUEL FILTER.

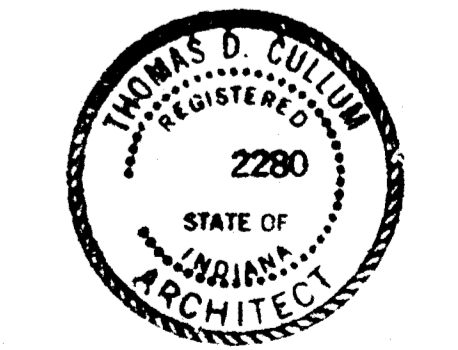


YARD CLEANOUT  
SCALE: NONE



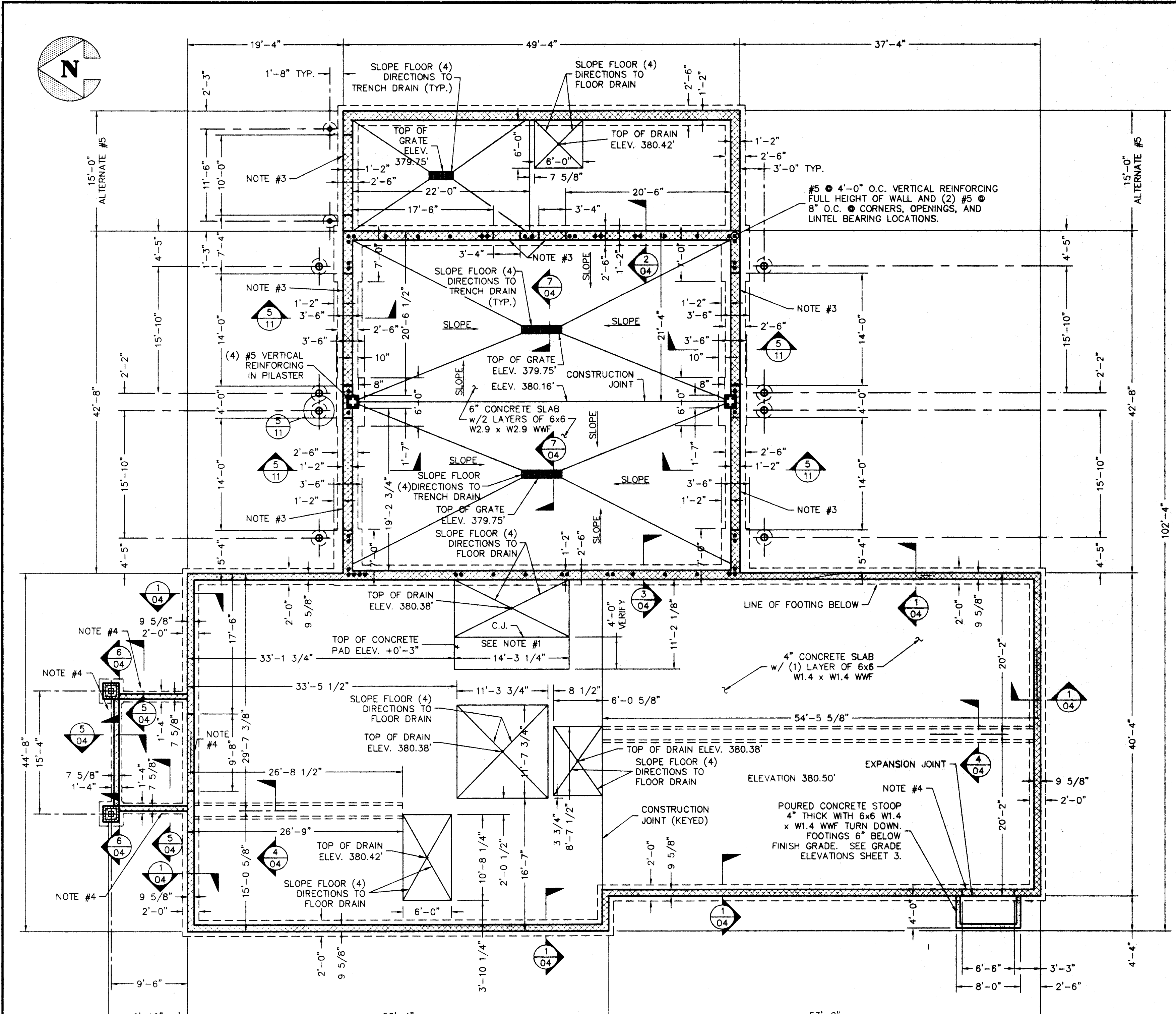
SIGN DETAIL - ALTERNATE #1  
SCALE: 3/8" = 1'-0"

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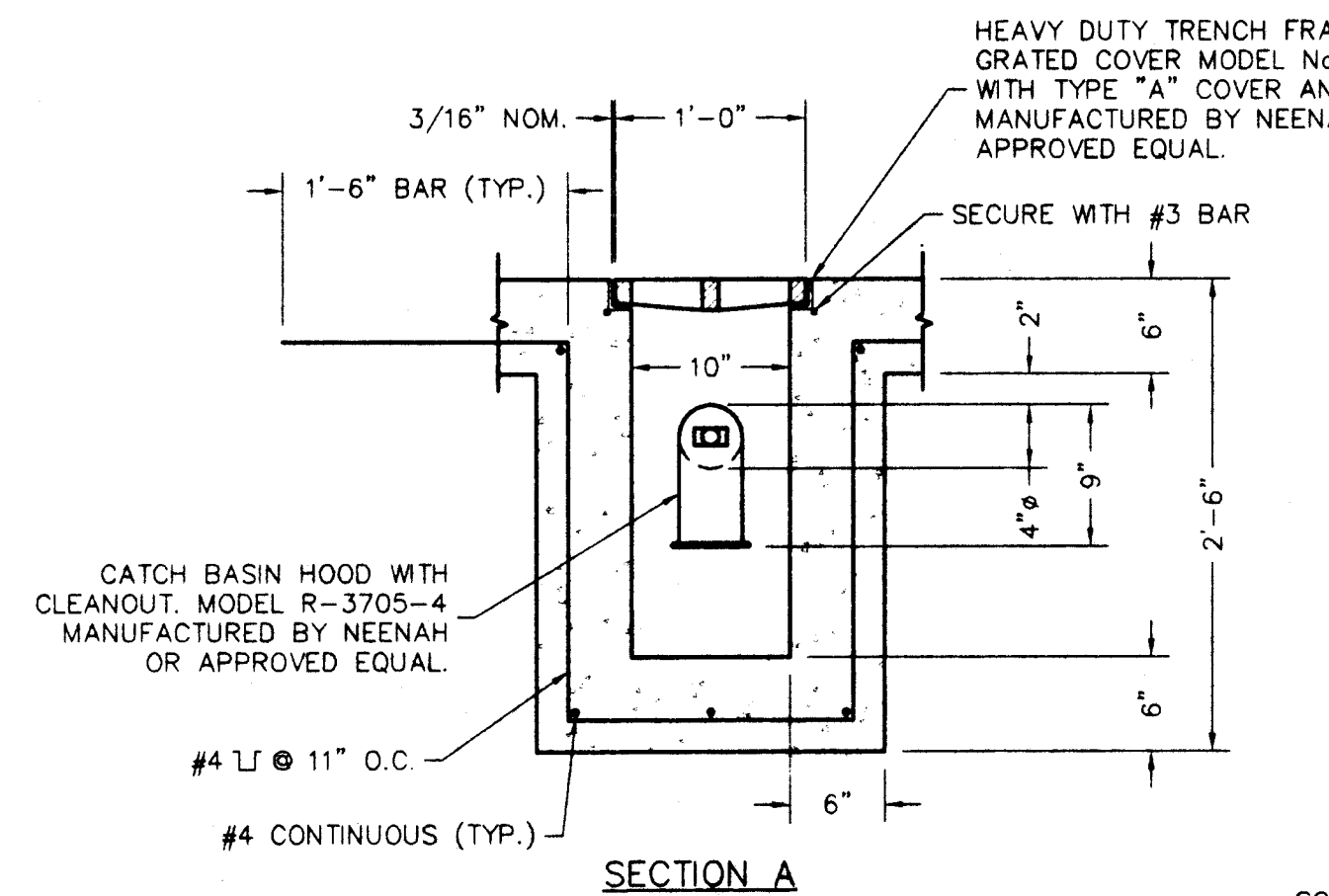
*J. D. Collins*

DRAWN BY: BAM 03/97 DESIGNED BY: TDC 03/97 CHECKED BY: TDC 04/97 APPROVED BY: SRH 04/97			PROJECT: FIRE STATION #16	MAIN PROJECT No.: 9706	SCALE: AS NOTED	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
ISSUED FOR BID: 04/11/97 DATE: TDC			DRAWING TITLE: SITE DETAILS	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS		
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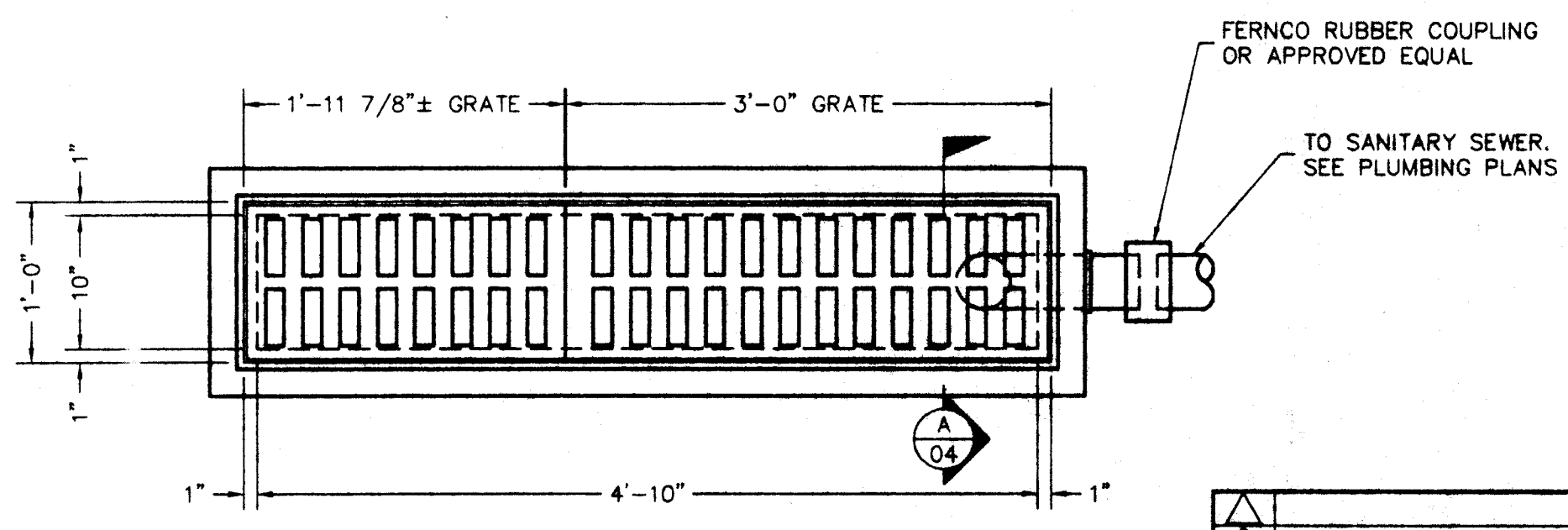


**FOUNDATION PLAN**  
SCALE: 1/8" = 1'-0"

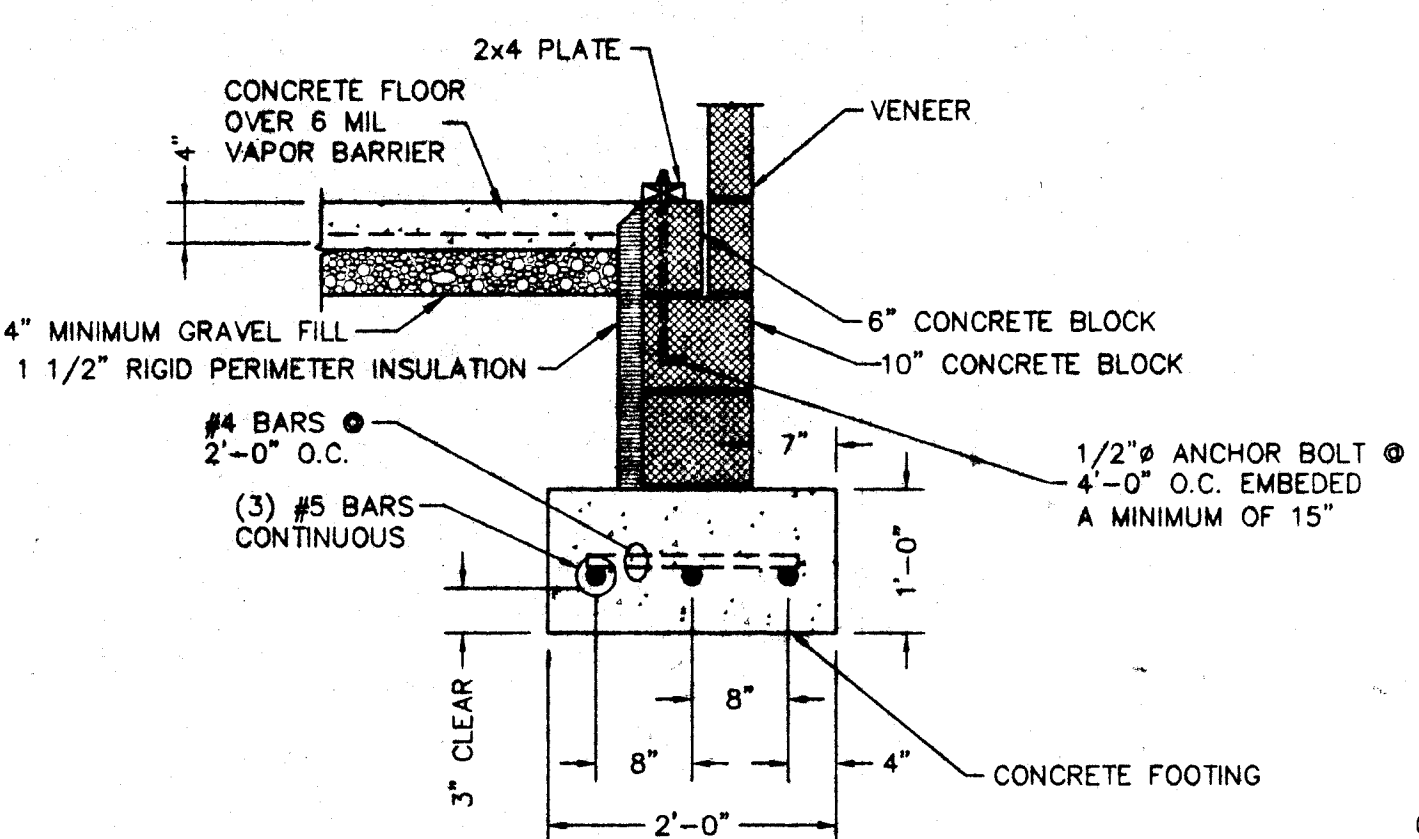
- NOTES:**
- TOP OF CONCRETE PAD TO BE 3" ABOVE FINISH FLOOR = 380.75'. POUR FULL THICKNESS OF 7".
  - ISOLATE EACH SLOPED FLOOR AREA WITH A CONSTRUCTION JOINT.
  - HOLD TOP OF FOUNDATION WALL 379.16'
  - HOLD TOP OF FOUNDATION WALL 379.83'



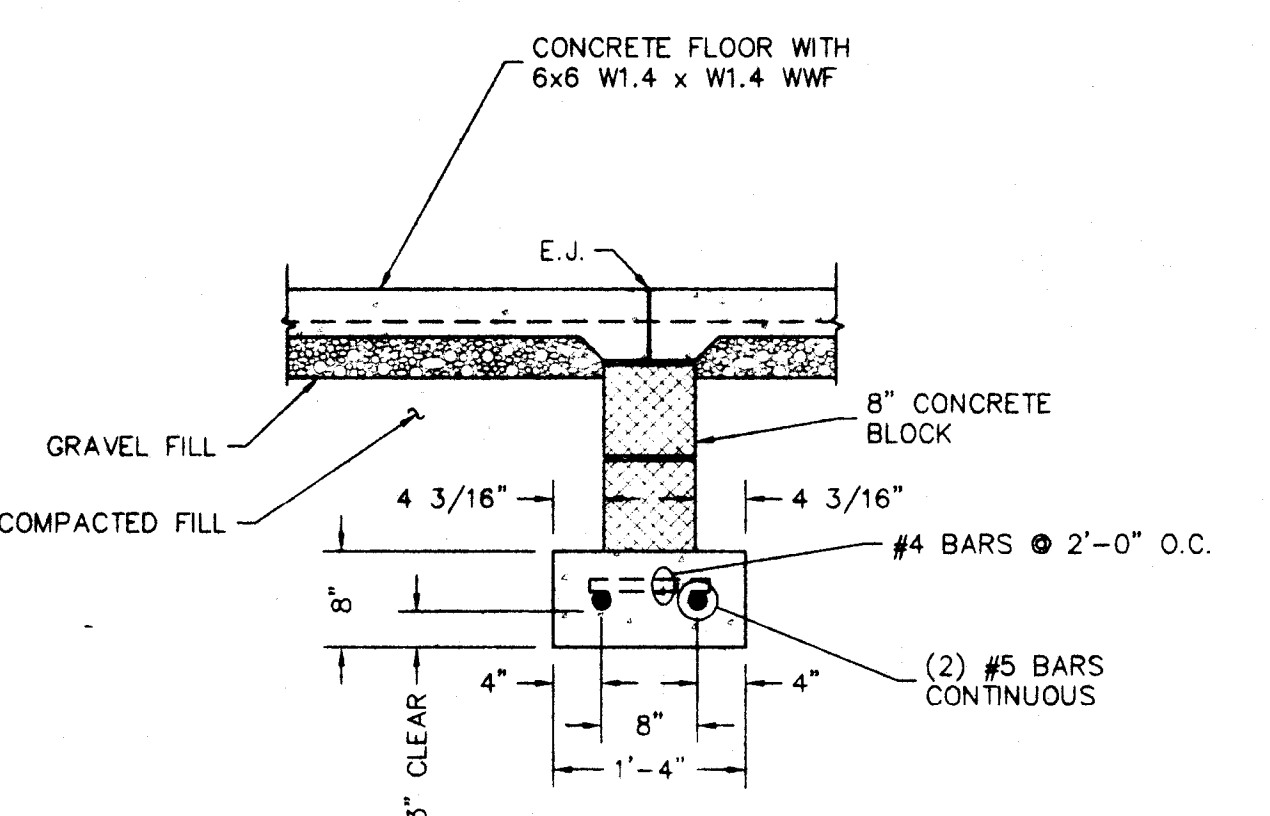
**SECTION A**



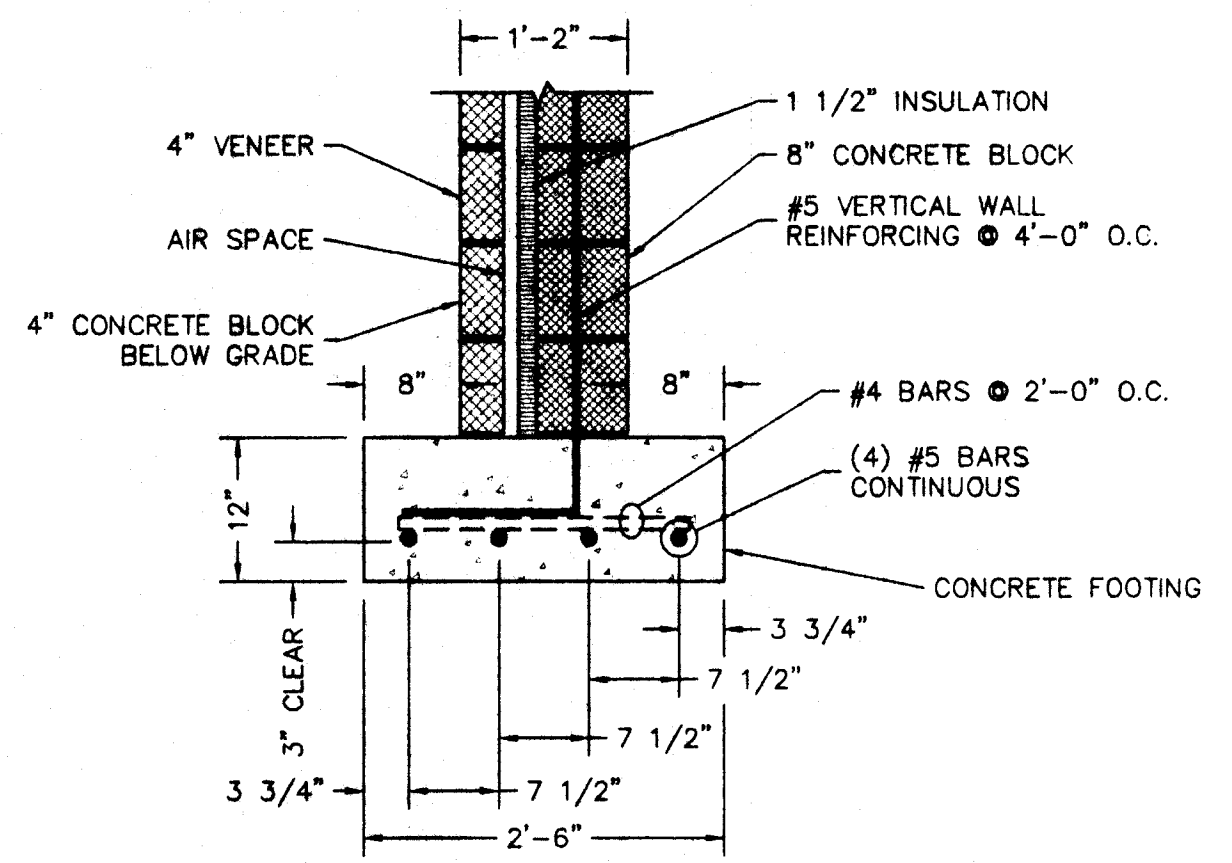
**DETAIL 7**  
SCALE: 1" = 1'-0"



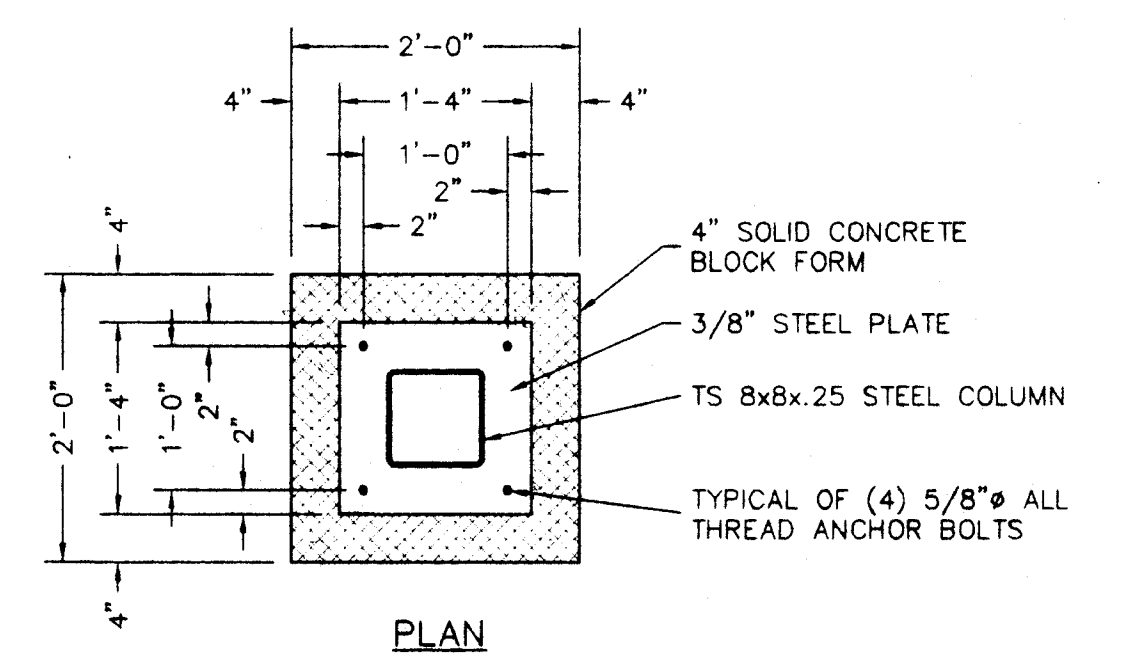
**DETAIL 1**  
SCALE: 3/4" = 1'-0"



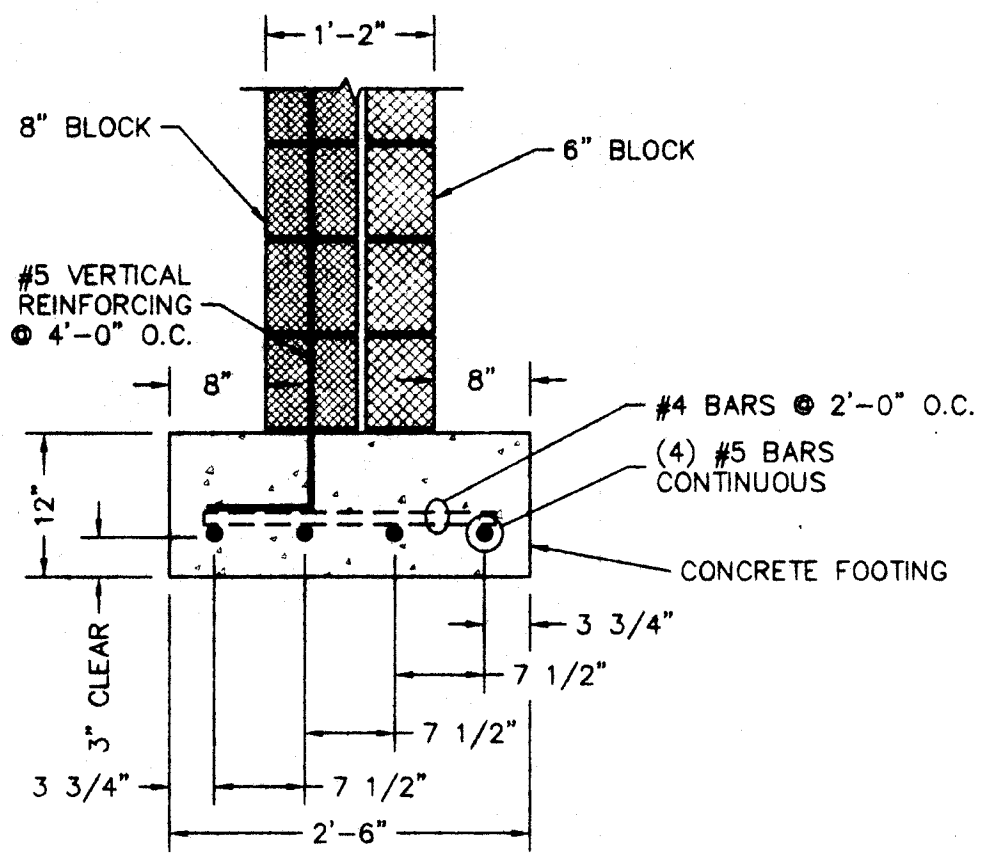
**DETAIL 5**  
SCALE: 3/4" = 1'-0"



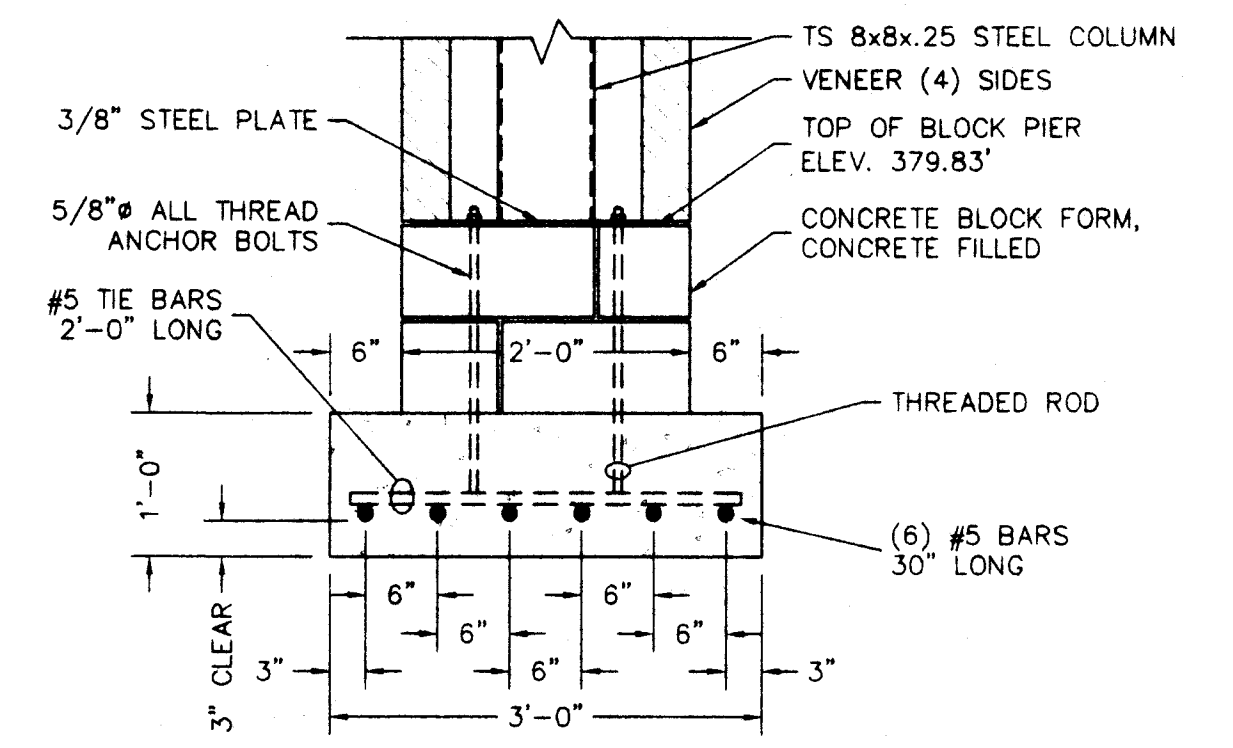
**DETAIL 2**  
SCALE: 3/4" = 1'-0"



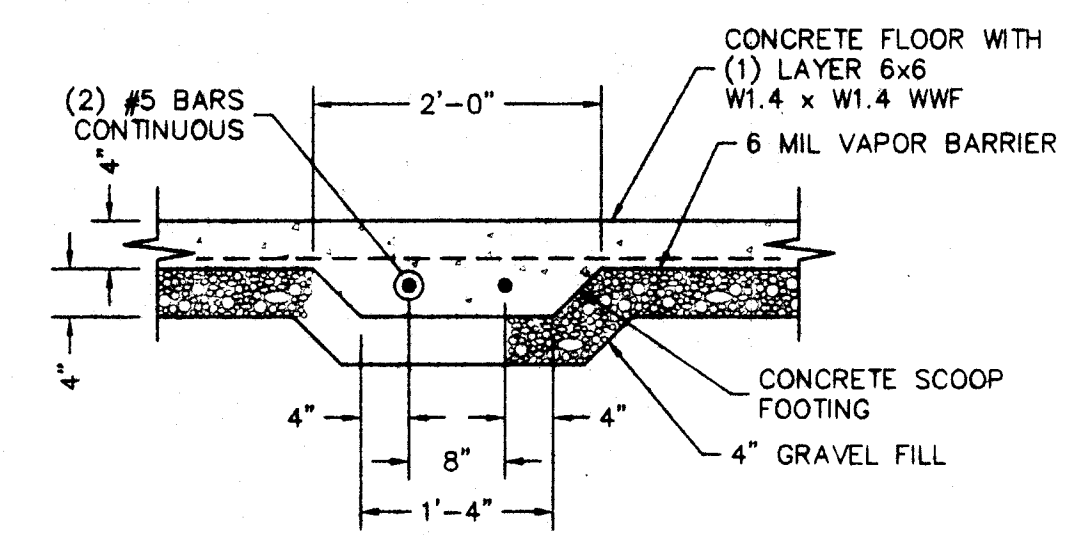
**PLAN**



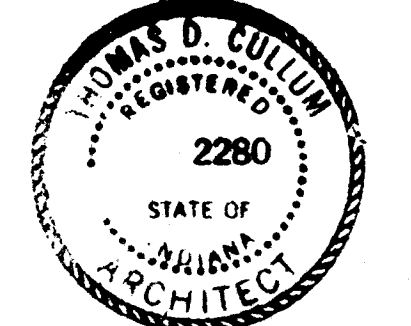
**DETAIL 3**  
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**SECTION**



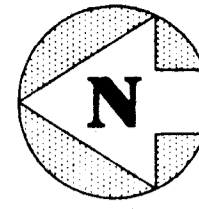
**DETAIL 4**  
SCALE: 3/4" = 1'-0"



*Thomas D. Culbert*

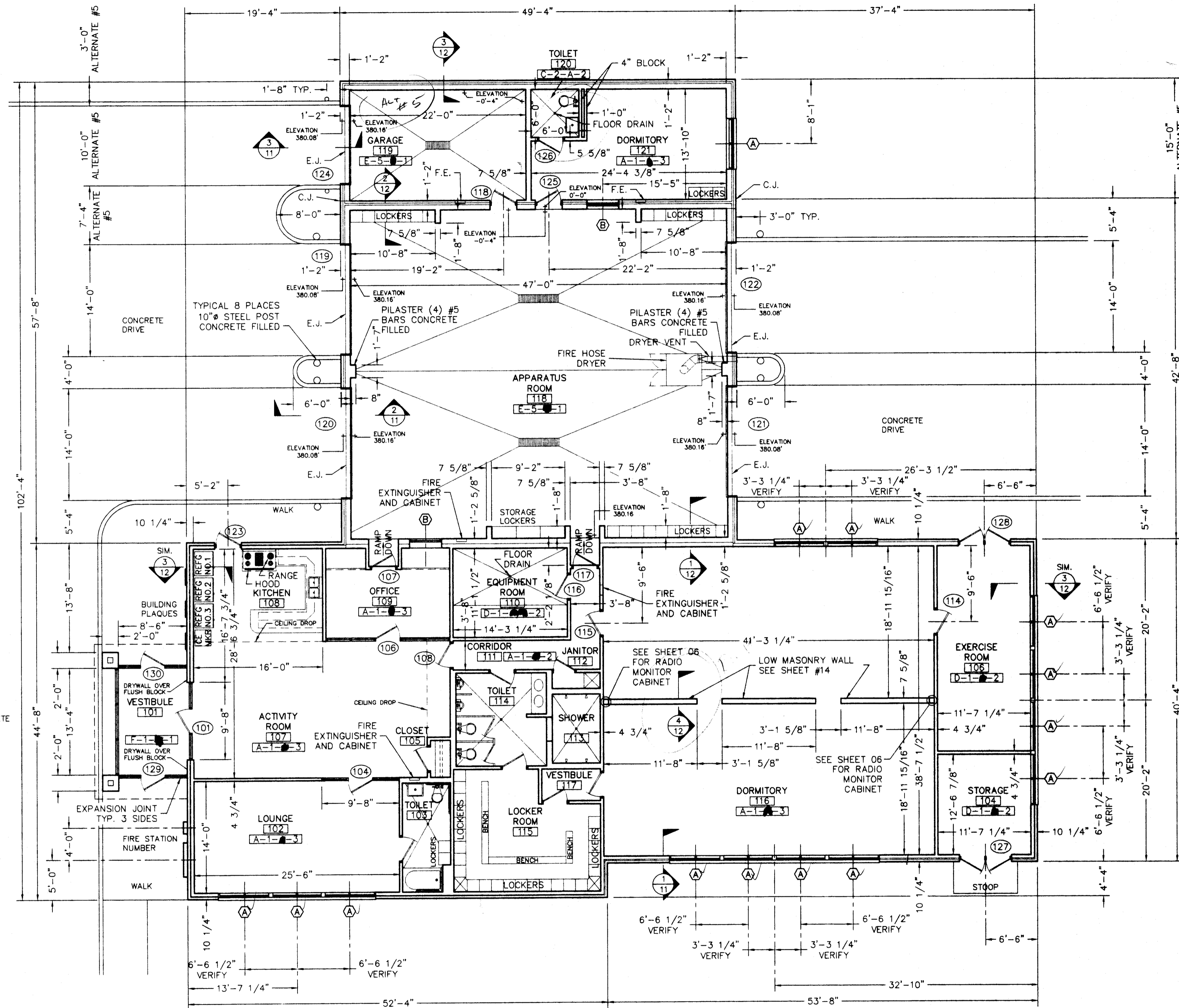
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ISSUED FOR BID	04/11/97	TDC																																			
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**ALTERNATE #3 - WASHER & DRYER ONLY**

WASHER - 35LB. WASHER/EXTRACTOR W/ HEAVY DUTY MOTOR, 240V, 1PH, SS TUB, COMPUTER OPERATION, FRONT LOADING  
 DRYER - 50LB. DRYER W/MANUAL TIMER 120V, 1PH, AUTOMATIC BACK-DRAFT DAMPER, FRONT LOADING



**FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

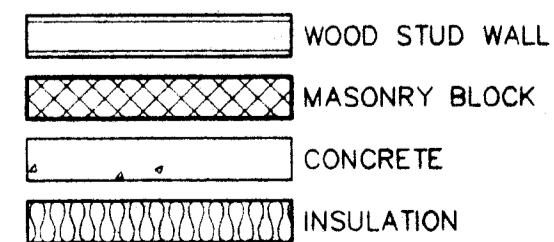
FLOOR	BASE		CEILING	
	BASE	WALLS	FLOOR	WALLS
A	VINYL COMPOSITION TILE	1 4" RUBBER COVERED BASE	A PAINT ON GYPSUM BOARD	1 PAINT ON WATER-PROOF GYPSUM BOARD
B	CERAMIC TILE	2 4 1/4" QUARRY TILE STRAIGHT	B PAINT ON CONCRETE BLOCK	2 PAINT ON GYPSUM BOARD
C	QUARRY TILE DRY SET	3 CERAMIC TILE	C CERAMIC TILE	3 LAY-IN SUSPENDED ACOUSTIC
D	SEALED CONCRETE	4 NO BASE REQUIRED	D MASONRY FINISH	4
E	SEAMLESS FLOORING	5 4" SEAMLESS BASE	E ALUMINUM FRAMING	5
F	TRAFFIC MAT	6	F	6

\* CERAMIC TILE OVER WATER RESISTANT GYPSUM BOARD

**NOTES:**

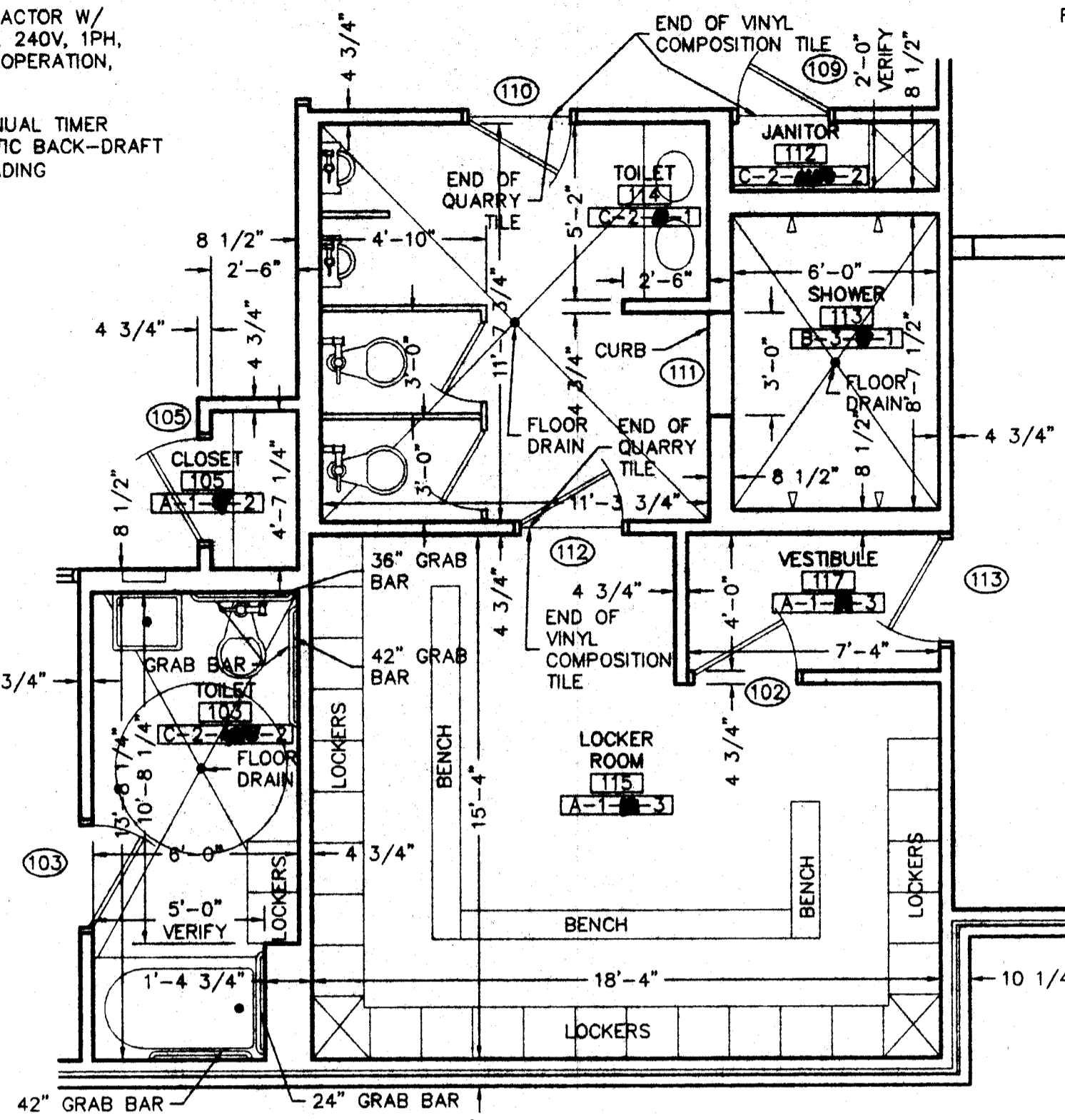
- FE - FIRE EXTINGUISHER AND CABINET
- E.J. - EXPANSION JOINT
- ALL INTERIOR WALLS TO RECEIVE 3/2" BATTEN INSULATION.

**SYMBOLS**

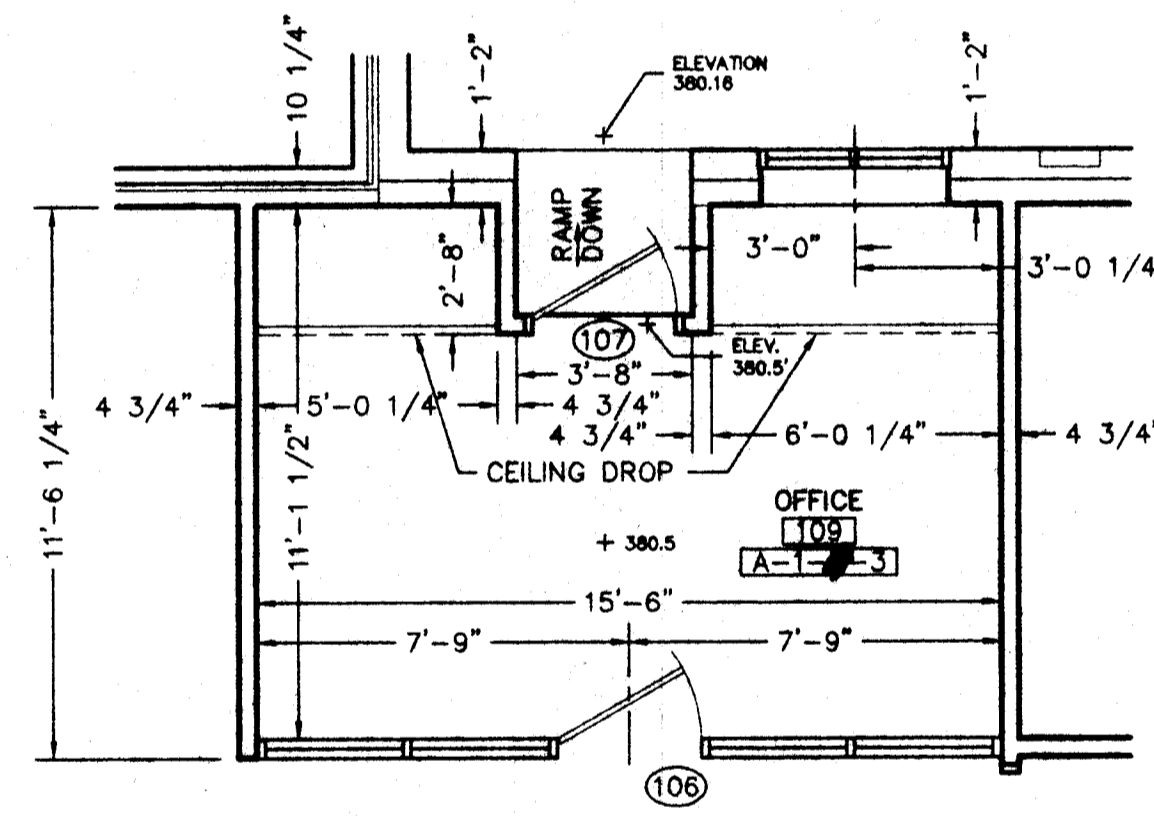


**ALTERNATE #4:**

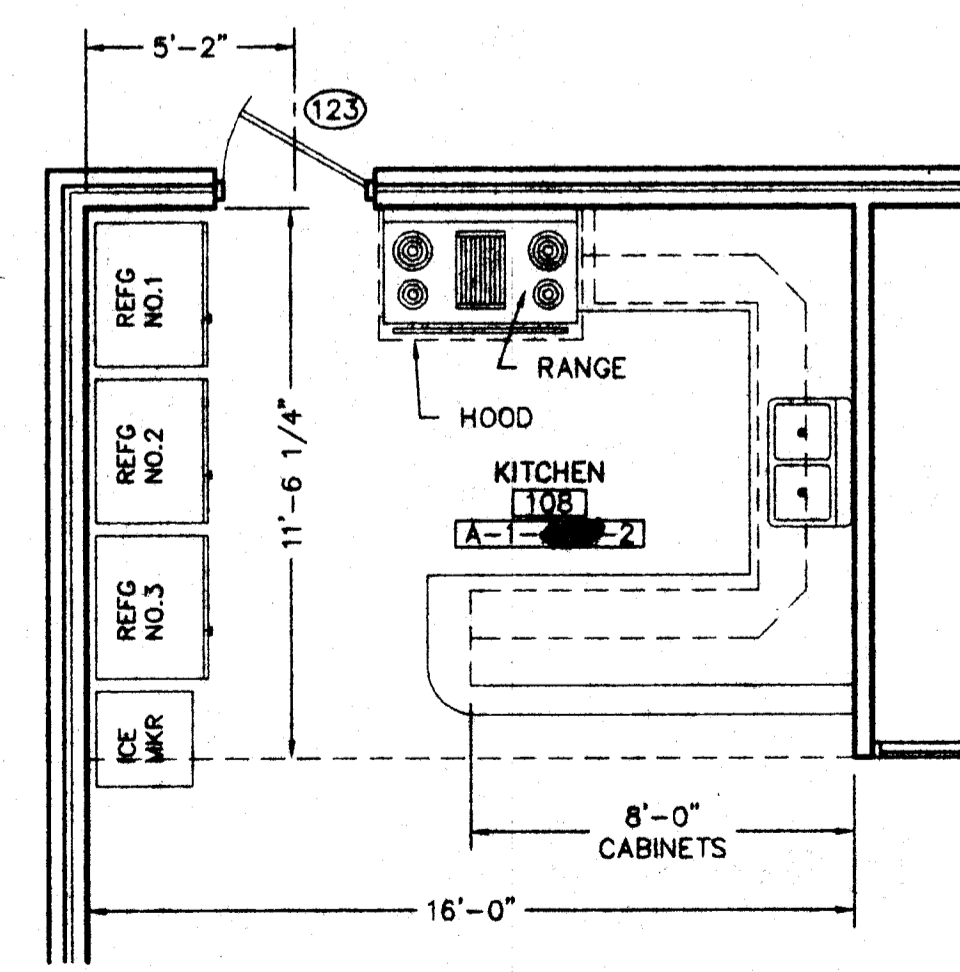
CONTRACTOR SHALL FURNISH AND INSTALL (2) DIESEL EXHAUST REMOVAL SYSTEMS. TURNKEY PRICE SHALL INCLUDE FIRE TRUCK TAILPIPE CONNECTION, FLEXIBLE HOSE REEL, AUTOMATIC HOSE DISCONNECTION, SLIDING HOSE TRACK, AUTOMATIC FAN CONTROL, EXHAUST FANS, TIMERS, STARTERS, ROOF CURBS, AIRTIGHT DUCTWORK, SYSTEM ELECTRONICS, AND ELECTRICAL WIRING AND CONNECTIONS.



**ENLARGED LOCKER ROOM PLAN**  
SCALE: 1/4" = 1'-0"



**ENLARGED OFFICE PLAN**  
SCALE: 1/4" = 1'-0"



**ENLARGED KITCHEN PLAN**  
SCALE: 1/4" = 1'-0"

**FIRE HOSE DRYER** THE GENERAL CONTRACTOR SHALL PROVIDE ONE (1), FIRE HOSE DRYER, MODEL NO. D612 AS MANUFACTURED BY "THE CIRCUL-AIR CORPORATION" OF WARREN, MICHIGAN OR APPROVED EQUAL.

FIRE HOSE DRYER SHALL HAVE A MINIMUM OF 1.5" FIBERGLASS INSULATION WALLS AND DOORS. FIRE HOSE DRYER SHALL BE CONSTRUCTED OF WELDED STEEL ANGLE FRAME. DOORS, PANELS, AND TOP SHALL BE HEAVY GAUGE STEEL, RUST RESISTANCE TREATED, AND FINISHED WITH MANUFACTURER'S STANDARD ACRYLIC LACQUER COLOR, OR AS DIRECTED BY ARCHITECT.

FIRE HOSE DRYER SHALL HAVE TEN (10), REMOVABLE SHELVES OF HEAVY GAUGE STEEL WIRE WITH GALVANIZED FINISH, CAPACITY OF HOLDING 500 FEET (10 @ 50 FEET) OF HOSE TO 3" DIAMETER.

GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL EXHAUST DUCT TO ATMOSPHERE WITH SELF-CLOSING LOUVERED SHUTTER, SEE DRAWING THIS SHEET.

FIRE HOSE DRYER SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.

FIRE HOSE DRYER SHALL BE EQUIPPED WITH A 1/15 HP, 120V-60 HZ SINGLE PHASE A.C. MOTOR WITH OVERLOAD PROTECTION; NEMA RATED AT 1100 C.F.M. FREE AIR PROVIDING 5 TO 6 AIR CHANGES PER MINUTE WITH A 12" AXIAL (PROPELLER) FAN BLADE. THE HEATER COMPARTMENT SHALL HAVE (6) 240V HEATER STRIPS RATED 1000 WATTS EACH WHICH ARE THERMOSTAT CONTROLLED TO KEEP THE TEMPERATURE AT A SAFE DRYING LEVEL. UNIT SHALL BE SUPPLIED WITH A 12 HOUR TIMER.

MODEL D612 27.1 AMP, 2 WRE, SINGLE PHASE, PROVIDE 30 AMP CIRCUIT BREAKER.

FIRE HOSE DRYER DIMENSIONS 50"± WIDE, 53"± DEEP, AND 86"± HIGH.

THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL KITCHEN EQUIPMENT OR APPLIANCES AS INDICATED BELOW:

**RANGE** ONE (1) RANGE MODEL NO. GR 426-22C AS MANUFACTURED BY CHEF DIVISION, FRANKLIN PRODUCTS CORPORATION OF NORTHBROOK, ILLINOIS OR APPROVED EQUAL.

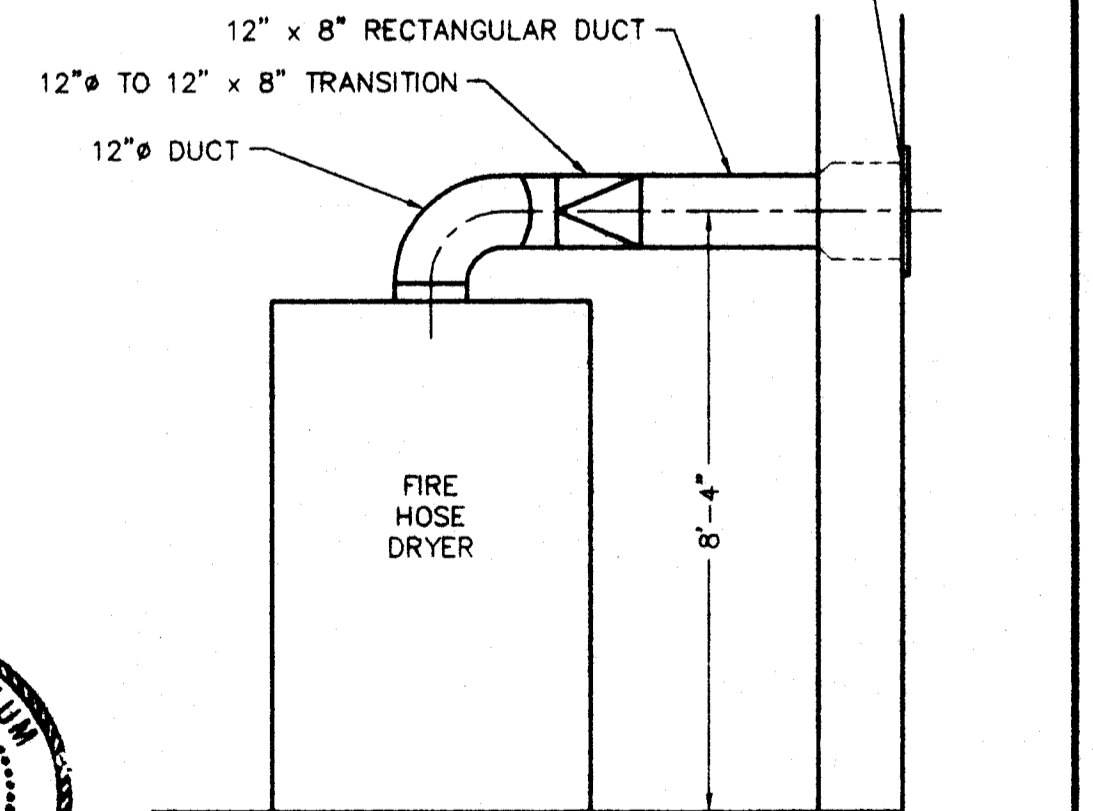
RANGE SHALL BE GAS FIRED, WITH (4) BURNERS, (1) 22" GRIDLE, AND (2) 18 5/16" OVENS. FINISH SHALL BE STAINLESS STEEL FRONT SIDES, AND BACK SHELF WITH BLACK PORCELAIN TOP GRATES. RANGE SHALL HAVE 6" ADJUSTABLE LEGS AND ONE RACK PER OVEN. RANGE SHALL BE AGA DESIGN CERTIFIED AND NSF LISTED.

**REFRIGERATOR** THREE (3) REFRIGERATORS MODEL NO. TBX23 DH AS MANUFACTURED BY GENERAL ELECTRIC OR EQUAL. REFRIGERATORS SHALL BE 22.5 CUBIC FEET WITH TOP MOUNT 7.23 CUBIC FEET, NO-FROST TYPE FREEZER, WITH AUTOMATIC ICE MAKER.

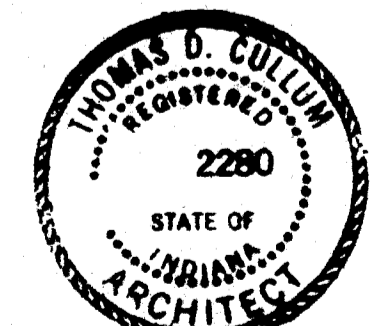
REFRIGERATORS SHALL HAVE TEXTURED FINISH, ALMOND COLOR, ADJUSTABLE SHELVES, ADJUSTABLE ROLLERS, AND REVERSIBLE DOOR. GENERAL CONTRACTOR TO MODIFY EACH REFRIGERATOR FOR USE OF LOCKING DEVICE. LOCKING DEVICE TO BE SUPPLIED BY OTHERS.

**ICE MAKER** ONE (1) ICE MAKER MODEL NO. E05100XEN AS MANUFACTURED BY WHIRLPOOL OR EQUAL. ICE MAKER SHALL HAVE ALMOND COLOR. ICE MAKER SHALL BE ABLE TO MANUFACTURE 51 LBS. OF ICE OVER A 24 HOUR PERIOD. STORAGE BIN TO BE 35 LB. CAPACITY WITH AUTOMATIC SHUTOFF. FURNISH WITH ICE SCOOP, HOLDER, AND SHUTOFF VALVE, 120V, 60 HZ., 1 PH.

**VERTICAL BACK DRAFT DAMPER** BD-12 FLANGED FRAME AS MANUFACTURED BY "AMERICAN WARMING AND VENTILATING, INC." OR EQUAL. DAMPER SHALL BE 10" WIDE x 16" HIGH ALUMINUM FRAME, AND BLADES, AXLES 3/16" DIAMETER GALVANIZED STEEL, BEARING TO BE SELF-LUBRICATING HEAVY DUTY NYLON, SEALS SHALL BE POLYURETHANE SPONGE ON THE SILL AND FELT BETWEEN ADJACENT BLADES. PAINT AS SELECTED BY ARCHITECT.



**ELEVATION OF FIRE HOSE DRYER**  
SCALE: 3/8" = 1'-0"



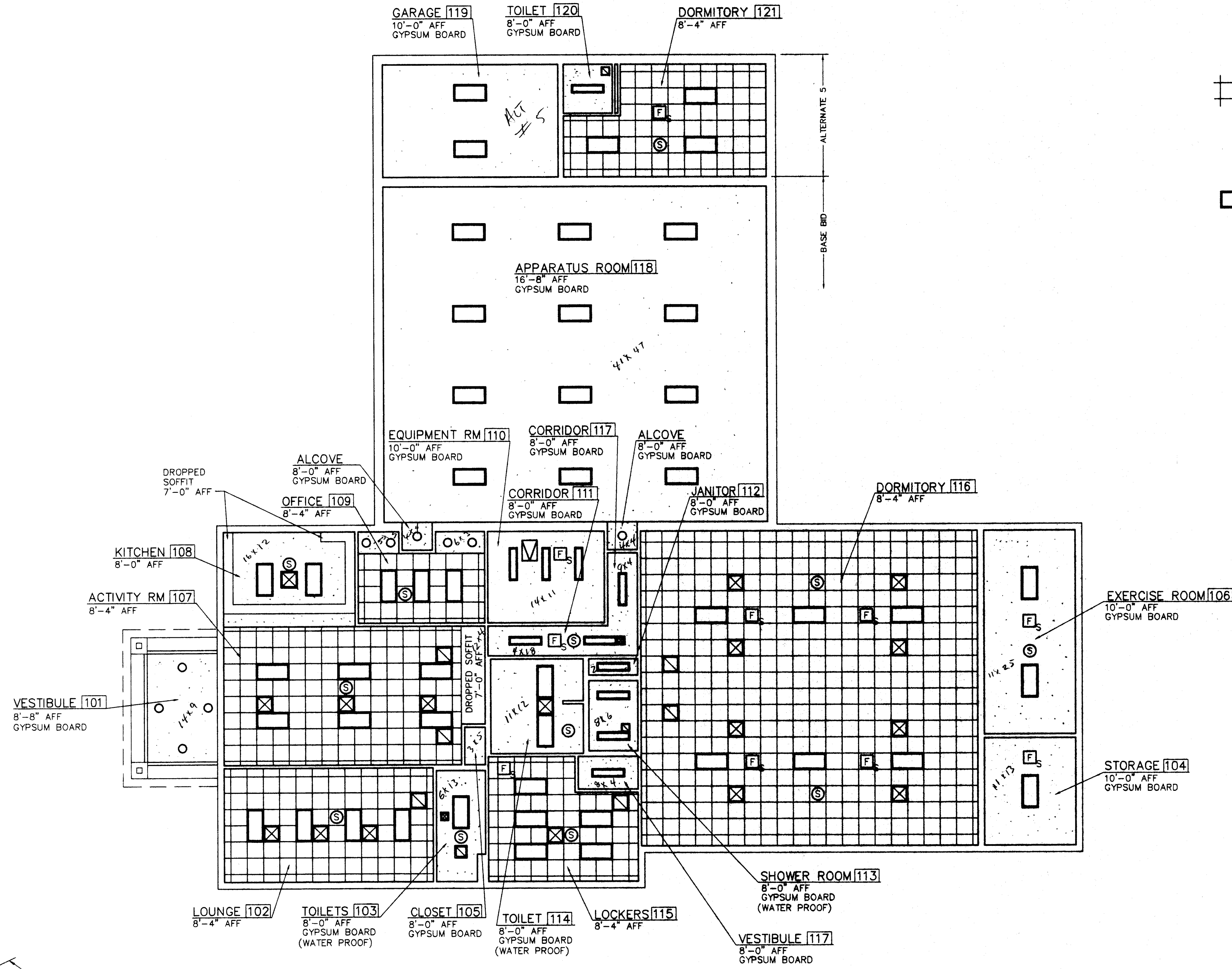
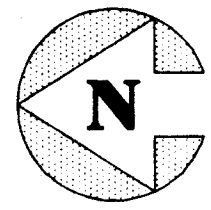
*Tom D. Cullum*

REV.	DESCRIPTION	DATE	BY
1	ISSUED FOR BID	4/11/97	TDC

DRAWN BY	DATE	PROJECT
BAM	03/97	FIRE STATION #16
DESIGNED BY	TDC	03/97
CHECKED BY	TDC	04/97
APPROVED BY	SRH	04/97

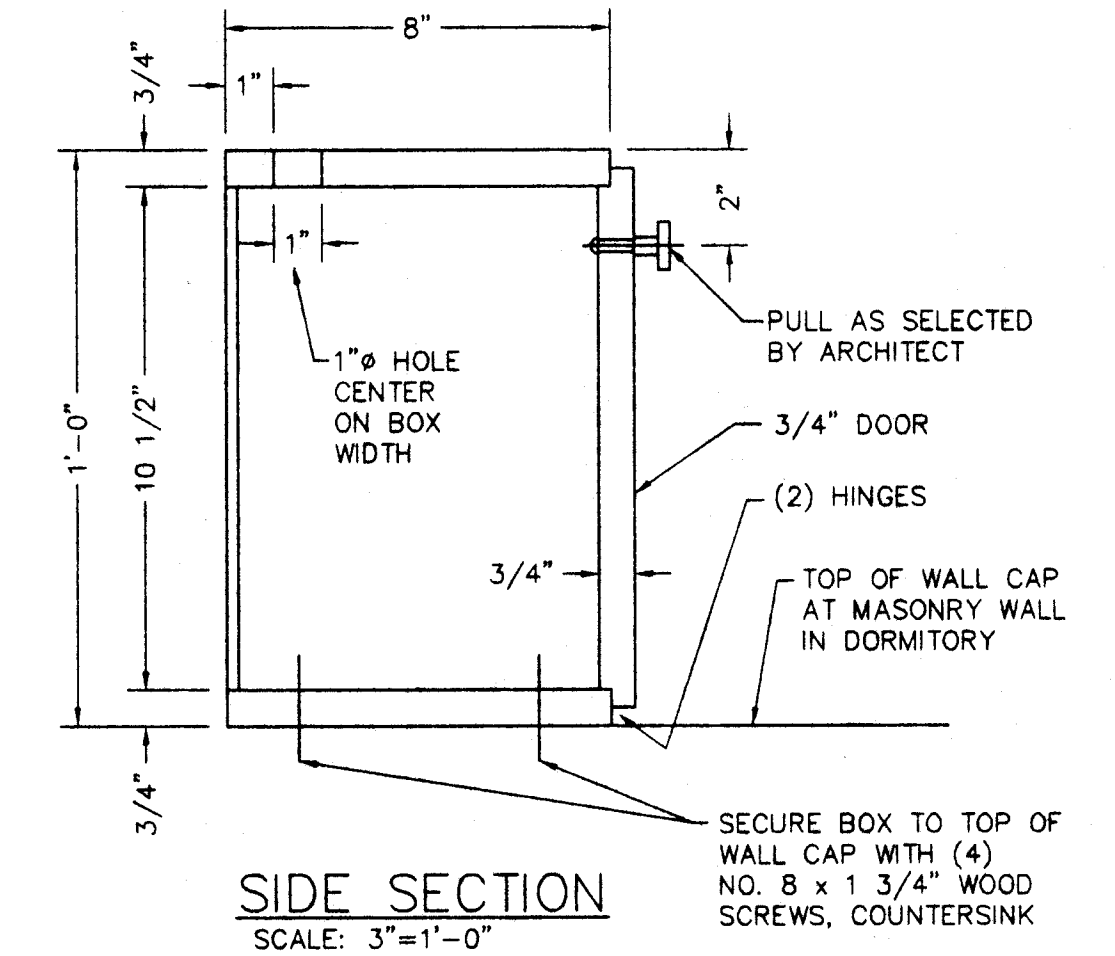
MADE PROJECT No.	SCALE
9706	AS NOTED

MID AMERICA DESIGN, INC.	
Engineering & Architectural Services	
CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	DRAWING NUMBER
	9706-05
REVISION	0

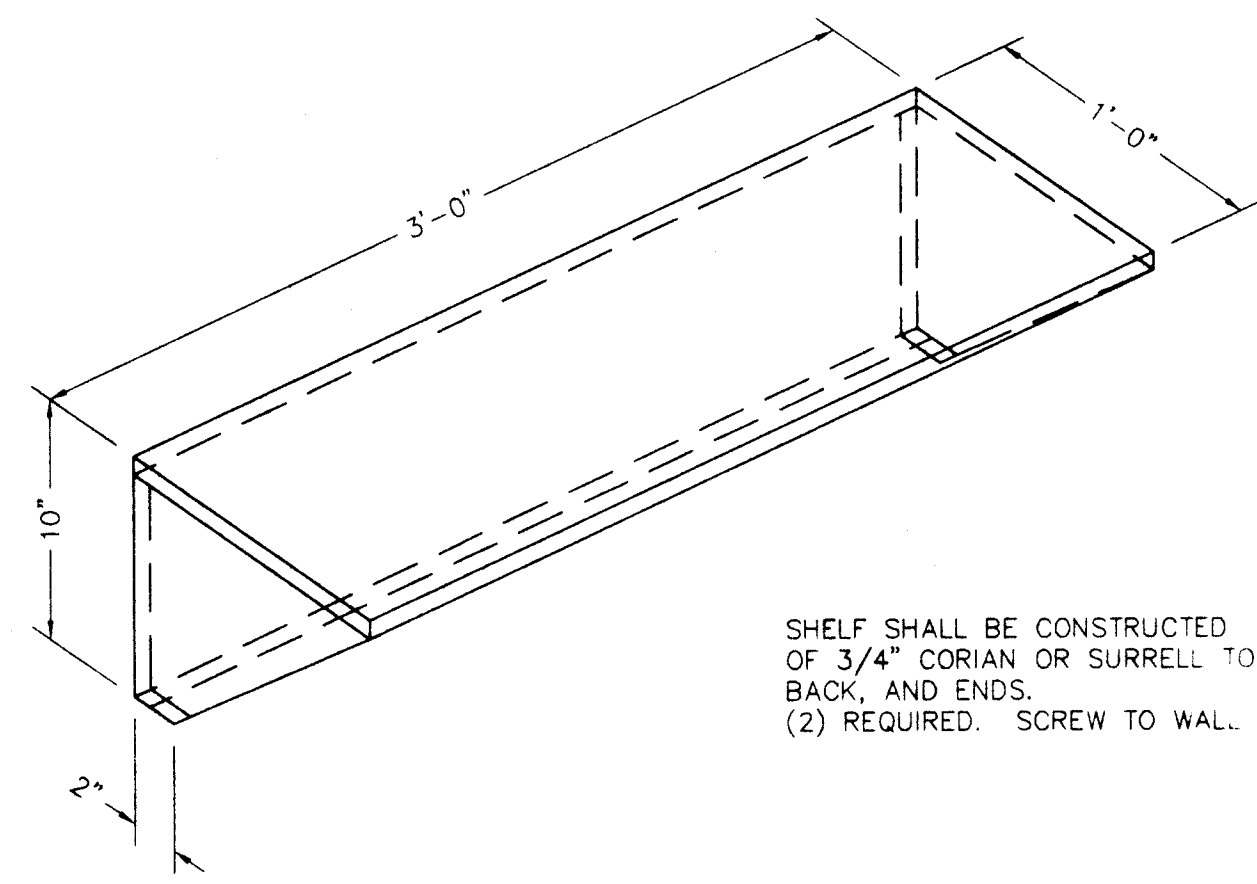


REFLECTED CEILING PLAN  
SCALE: 1/8"=1'-0"

- LEGEND**
- 2'-0" X 2'-0" SUSPENDED, LAY-IN, ACOUSTICAL CEILING
  - SUPPLY AIR DIFFUSER
  - RETURN AIR GRILLE
  - FLOURESCENT LIGHT FIXTURE
  - GYPSUM BOARD
  - INCANDESCENT LIGHT FIXTURE, RECESSED
  - SPEAKER
  - SMOKE DETECTOR

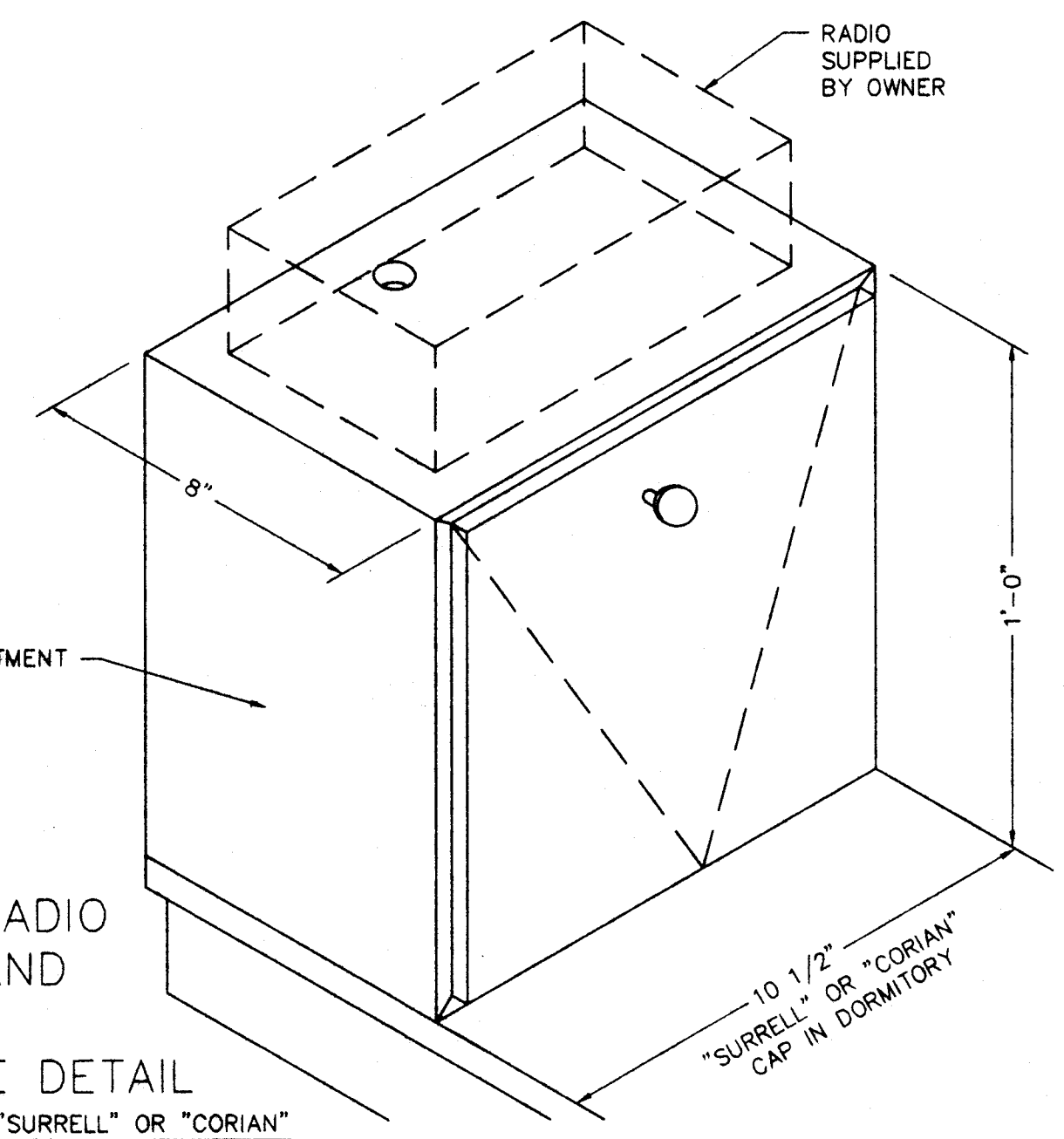


SIDE SECTION  
SCALE: 3/8"=1'-0"

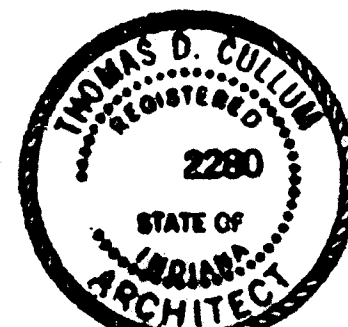


SHELF SHALL BE CONSTRUCTED OF 3/4" CORIAN OR SURRELL TOP, BACK, AND ENDS. (2) REQUIRED. SCREW TO WALL.

TYPICAL EQUIP. ROOM SHELF DETAIL  
SCALE: 1 1/2" = 1'-0"

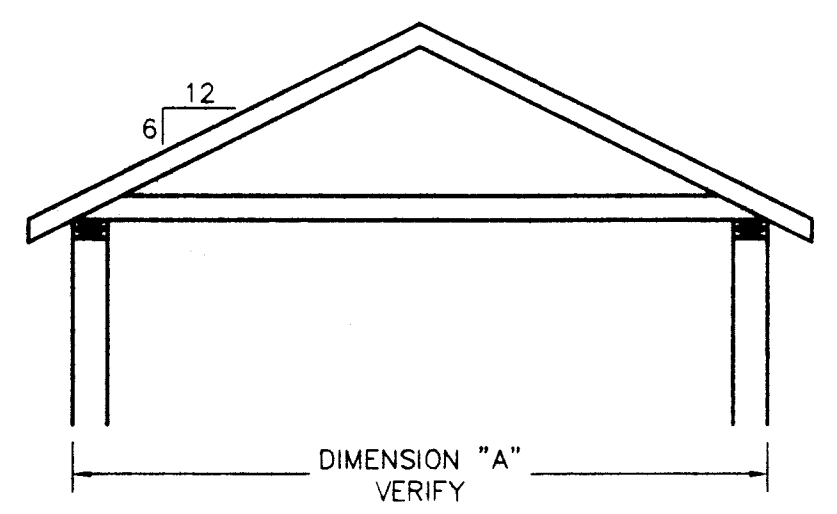
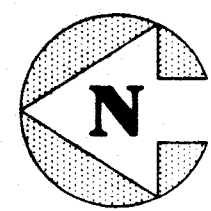


MONITOR RADIO BATTERY AND CHARGER ENCLOSURE DETAIL  
CONSTRUCT BOX OF "SURRELL" OR "CORIAN"  
SCALE: 3/8"=1'-0"



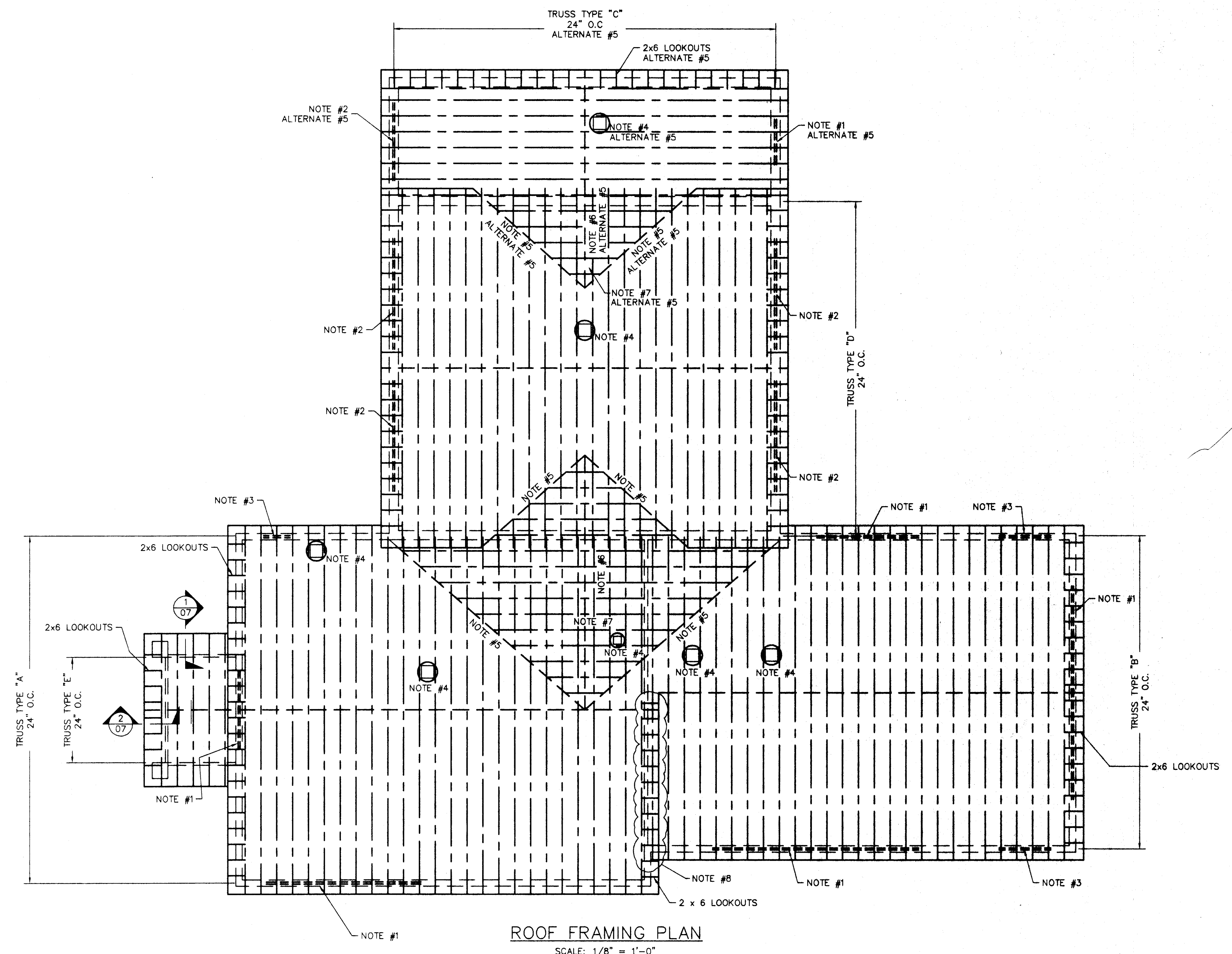
*Tom D. Collins*

DRAWN BY: JJT 03/97 DESIGNED BY: TDC 03/97 CHECKED BY: TDC 04/97 APPROVED BY: SRH 04/97	PROJECT: FIRE STATION #16 DRAWING TITLE: REFLECTED CEILING PLAN	MADE PROJECT NO.: 9706 SCALE: AS NOTED	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
ISSUED FOR BID: 4/11/97 TDC DATE: BY:	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	DRAWING NUMBER: 9706-06	REVISION: 0



TRUSS TYPE	DIMENSION "A"
"A"	43'-7 3/4"
"B"	39'-3 3/4"
"C"	48'-3 3/4"
"D"	42'-5 1/8"
"E"	16'-3 3/4"

**TRUSS TYPES**  
SCALE: NONE



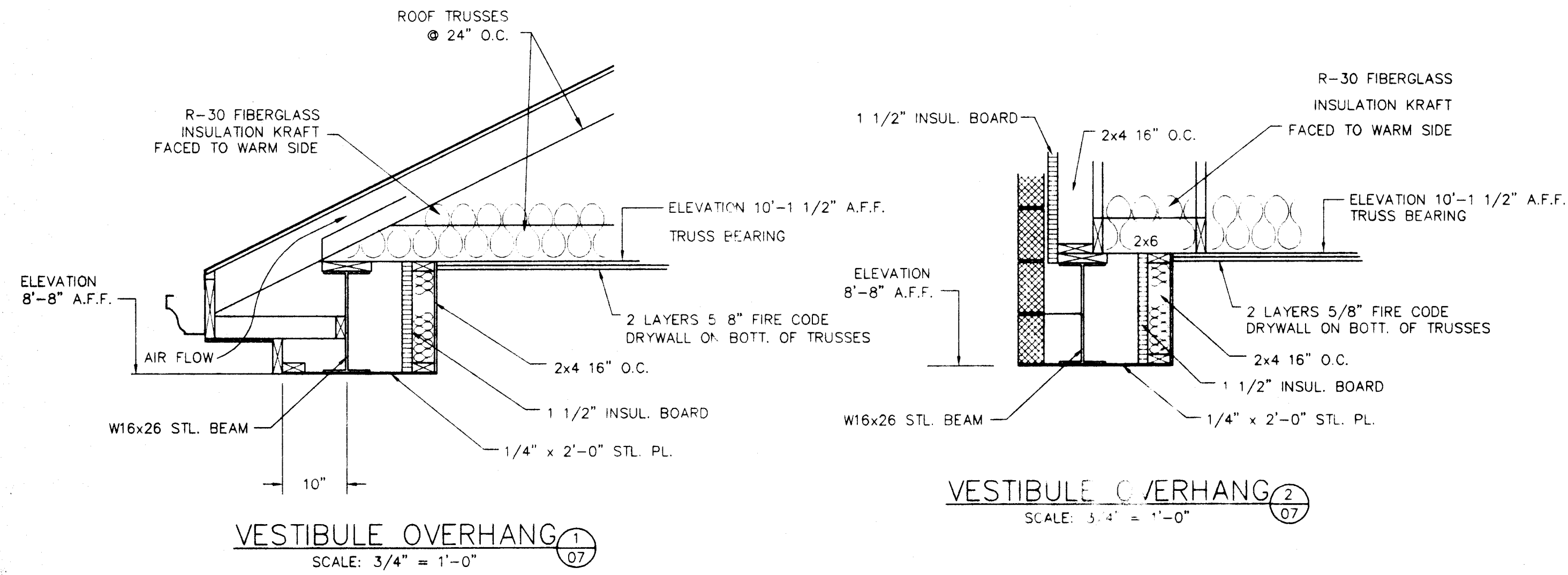
**ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

- STRUCTURAL STEEL NOTES:**
1. STRUCTURAL AND MISCELLANEOUS STEEL SHAPES AND PLATES SHALL CONFORM TO ASTM A-36. STRUCTURAL TUBING SHALL CONFORM TO ASTM A-500.
  2. BOLTS AND NUTS FOR FIELD CONNECTIONS SHALL CONFORM TO ASTM A-325.
  3. WELDINGS SHALL CONFORM TO AWS D1.1.
  4. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" OF THE AISC.
  5. CONNECTIONS SHALL BE STANDARD CONNECTIONS USING 3/4" DIAMETER FASTENERS MADE IN ACCORDANCE WITH THE LATEST EDITION OF STEEL CONSTRUCTION MANUAL OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. SHOP CONNECTIONS: MAY BE WELDED OR HIGH TENSILE BOLTED, ASTM A-325. FIELD CONNECTIONS: SHALL BE BOLTED WITH HIGH TENSILE BOLTS, ASTM A-325.

- TRUSS NOTES:**
1. WOOD TRUSSES SHALL BE DESIGNED FOR:
 

TOP CHORD LIVE LOAD	25 PSF
TOP CHORD DEAD LOAD	15 PSF
BOTT. CHORD DEAD LOAD	10 PSF
TOTAL LOAD	50 PSF
  2. ALL TRUSS MEMBERS SHALL BE KILN DRIED LUMBER  
F<sub>b</sub> = 1600 PSI, F<sub>t</sub> = 1050 PSI, F<sub>c</sub> = 1450 PSI,  
F<sub>c</sub> = 625 AND E = 1,800,000 (NO. 1 SOUTHERN  
PINE @ 15% MAX. M.C. OR APPROVED EQUAL.)
  3. TRUSS CONNECTOR PLATES SHALL BE SIZED FOR AXIAL LOADS, ECCENTRICITY AND NET SECTION OF METAL. PROVIDE SAME SIZE PLATES ON EACH SIDE OF TRUSS, OFFSET 1/4". DESIGN GALVANIZED METAL PLATES IN ACCORDANCE WITH TRUSS PLATE INSTITUTE DESIGN SPECIFICATIONS FOR PLATE EVALUATION.
  4. TRUSS MEMBERS SHALL BE CLAMPED IN A MECHANICAL OR HYDRAULIC JIG WITH SUFFICIENT PRESSURE TO BRING MEMBERS INTO REASONABLE CONTACT AT ALL JOINTS DURING APPLICATION OF CONNECTOR PLATES.
  5. SUBMIT SHOP DRAWINGS OF TRUSSES, FOR APPROVAL BEFORE FABRICATION. SHOP DRAWINGS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER.
  6. PROVIDE ADEQUATE CROSS AND LATERAL BRACING FOR ERECTION AND ANCHORAGE.

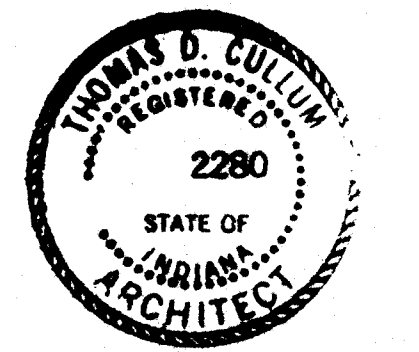
- GENERAL NOTES:**
1. (2) 2 x 12 WITH 1/2" BLOCKING HEADER AND 6" x 5/16" LINTEL.
  2. W8 x 18 WITH 1/4" x 13 1/2" PL., 15'-4" LONG WITH 1/4" STIFFENER PLATE @ 2'-0" O.C.
  3. (2) 2 x 12 WITH 1/2" BLOCKING HEADER AND 5" x 3 1/2" x 5/16" LINTEL.
  4. 2 x 6 BLOCKING FOR EXHAUST FAN. VERIFY ROUGH OPENING.
  5. 2 x 6 VALLEY BLOCKING
  6. 2 x 8 RIDGE
  7. 2 x 6 RAFTER FRAMING, 24" O.C.
  8. FRAME OUT WALL, FROM BOTTOM OF TRUSSES TO ROOFDECK, FLUSH WITH MASONRY, FOR FLASHING/COUNTERFLASHING AT LOW ROOF.



**VESTIBULE OVERHANG**  
SCALE: 3/4" = 1'-0"

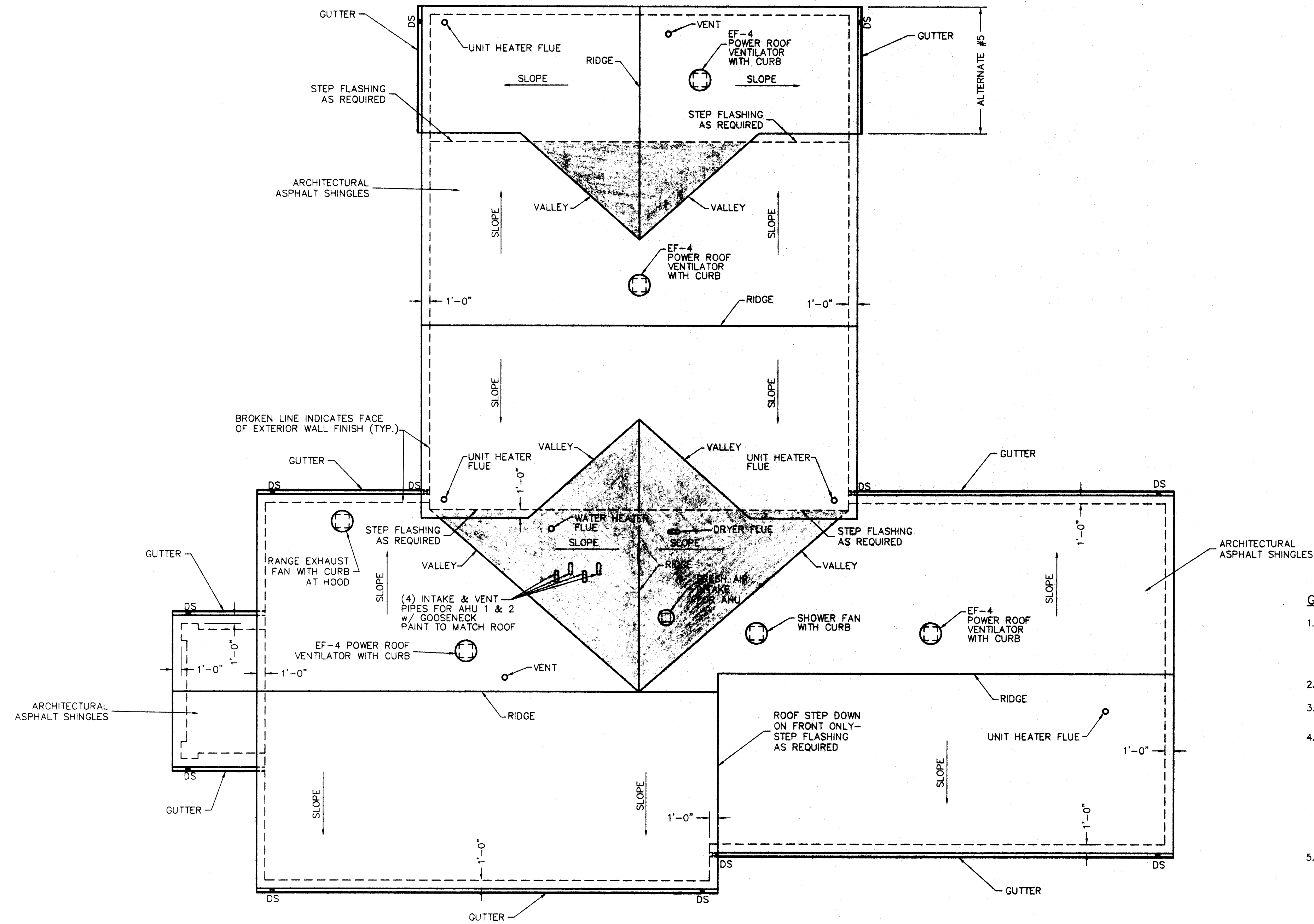
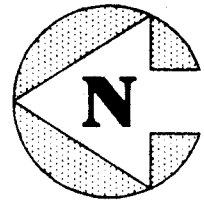
**VESTIBULE OVERHANG**  
SCALE: 3/4" = 1'-0"

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*Thomas D. Cullum*

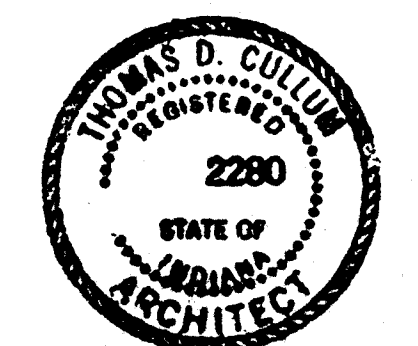
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**ROOF PLAN**  
SCALE: 1/8"=1'-0"

**GENERAL NOTES:**

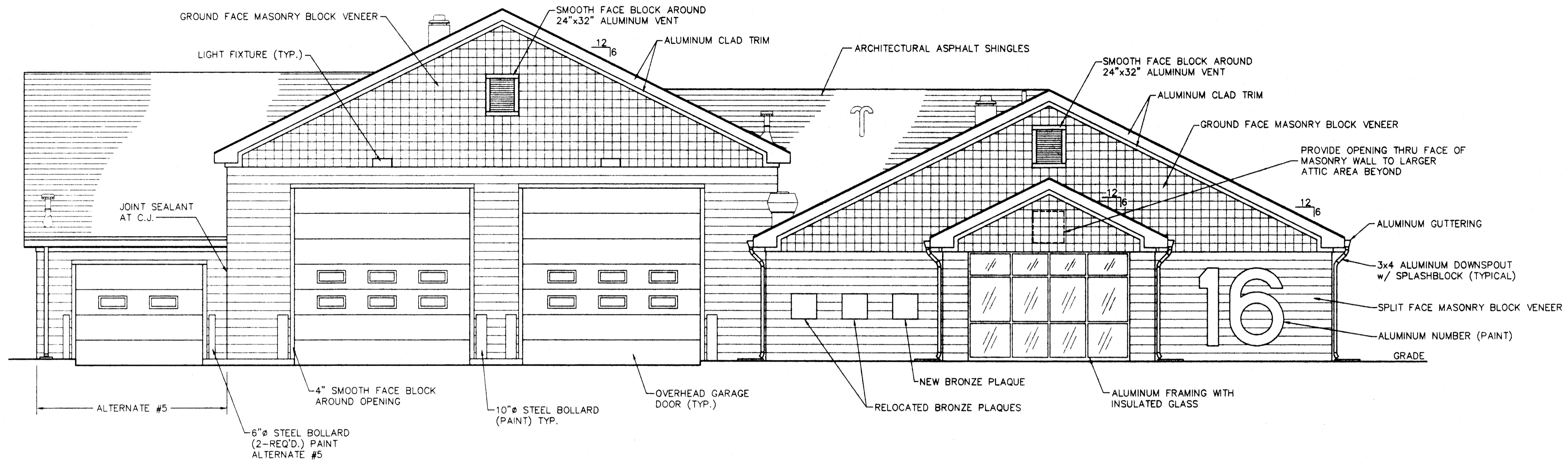
1. ALL FLUES, VENTS, EXHAUST FANS, HOUSINGS, FLASHINGS, AND ROOF CURBS SHALL BE PAINTED TO MATCH ROOF. PRIMER SHALL BE SELF-ETCHING EQUAL TO "DUPONT" 6155,6165 WITH THE FINAL COAT TO BE ACRYLIC ENAMEL.
2. D.S. - DOWNSPOUT
3. SHADED AREAS INDICATE ROOF AREAS TO BE BUILT ON TOP OF TRUSS ROOF SYSTEM AND DECKING
4. GUTTERS SHALL BE CONSTRUCTED OF NOT LESS THAN .032" THICK ALUMINUM. GUTTERS SHALL BE SEAMLESS. OUTLET TUBES, DROPS SHALL BE SET IN PAINT GRADE SILICONE SEALANT AND POP RIVETED. GUTTERS SHALL BE SUPPORTED ON A 2-PIECE ALUMINUM FASCIA BRACKET LOCATED AT 2'-0" O.C. SECURE BRACKET TO FASCIA BOARD AT RAFTERS WITH (2) 3" SCREWS PER BRACKET. ALL GUTTERS SHALL BE FACTORY WHITE IN COLOR, AND PAINTED ON JOB WITH COLOR SELECTED BY ARCHITECT.
5. DOWN SPOUTS SHALL BE CONSTRUCTED OF NOT LESS THAN .019" THICK ALUMINUM. DOWN SPOUTS SHALL BE 3" x 4", AND ONE LENGTH OF PIPE WHERE POSSIBLE. DOWN SPOUTS SHALL BE SECURELY ANCHORED TO WALL WITH ONE ANCHOR AT THE TOP, ONE ANCHOR AT THE BOTTOM, AND INTERMEDIATE ANCHORS AT 5'-0" O.C. DOWN SPOUTS SHALL BE INSTALLED TO PROVIDE A 1" CLEARANCE OFF BUILDING. ALL DOWN SPOUT JOINTS SHALL BE POP RIVETED ONE 3" DIRECTION EACH SIDE, AND TWO 4" DIRECTION EACH SIDE. ALL FITTINGS SHALL BE .019" THICK ALUMINUM TO MATCH DOWNSPOUT. ALL DOWN SPOUTS AND FITTINGS SHALL BE FACTORY WHITE IN COLOR, AND PAINTED ON JOB WITH COLOR AS SELECTED BY ARCHITECT. PROVIDE PYRAMID STRAINERS OF CLOSE WIRE MESH AT EACH DOWN SPOUT DROP.



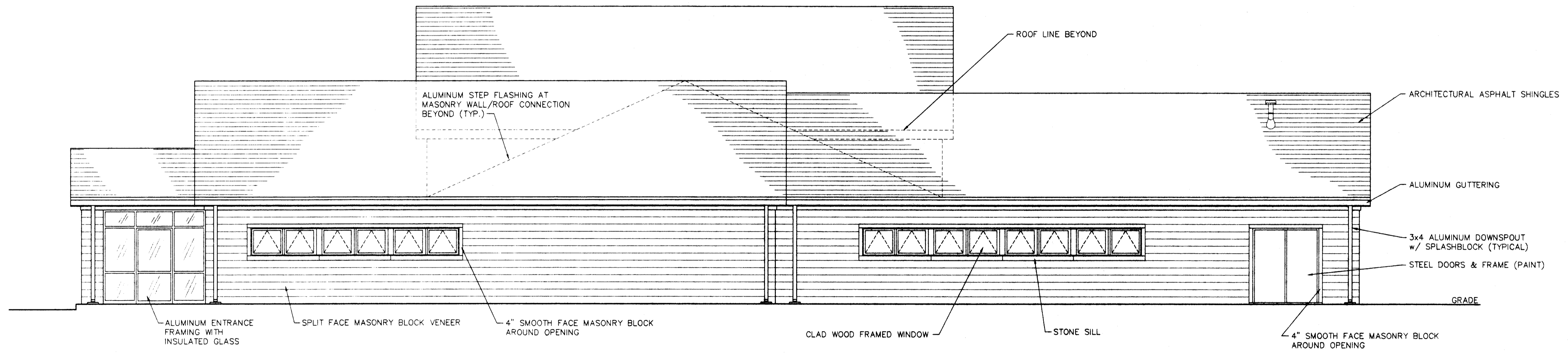
*Thomas D. Cutler*

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NORTH ELEVATION FROM WASHINGTON AVENUE  
SCALE: 3/16"=1'-0"



WEST ELEVATION FROM VILLA DRIVE  
SCALE: 3/16"=1'-0"

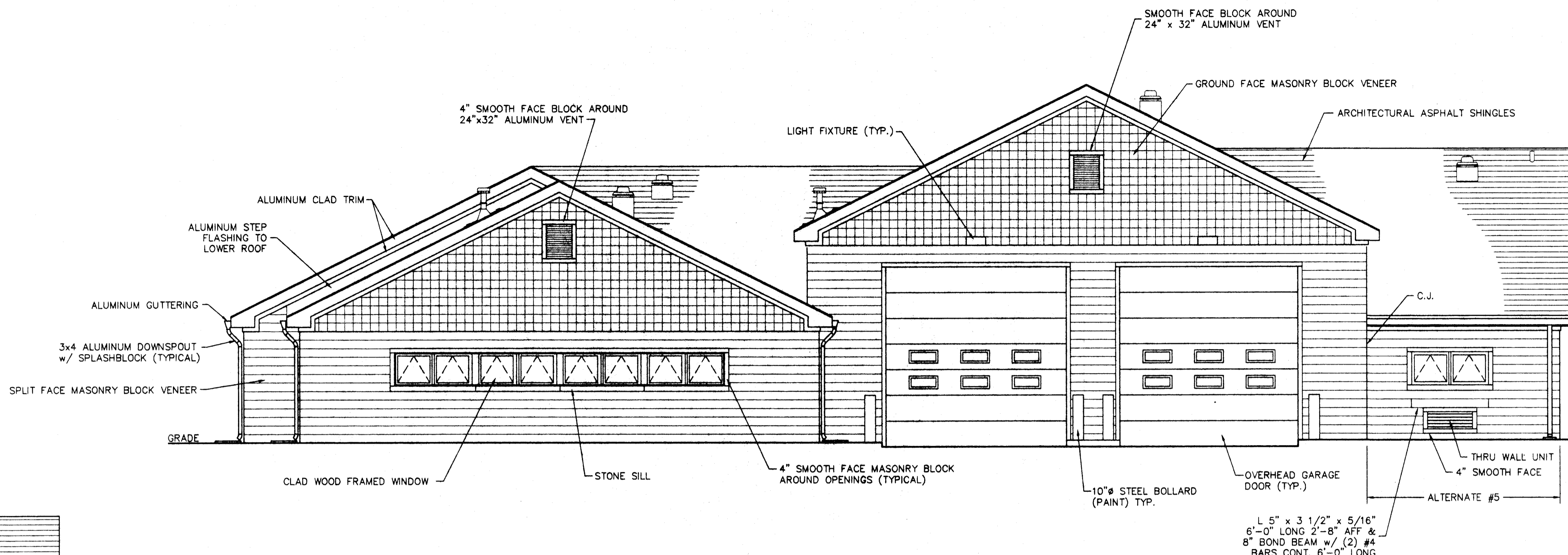


*Thomas D. Cullum*

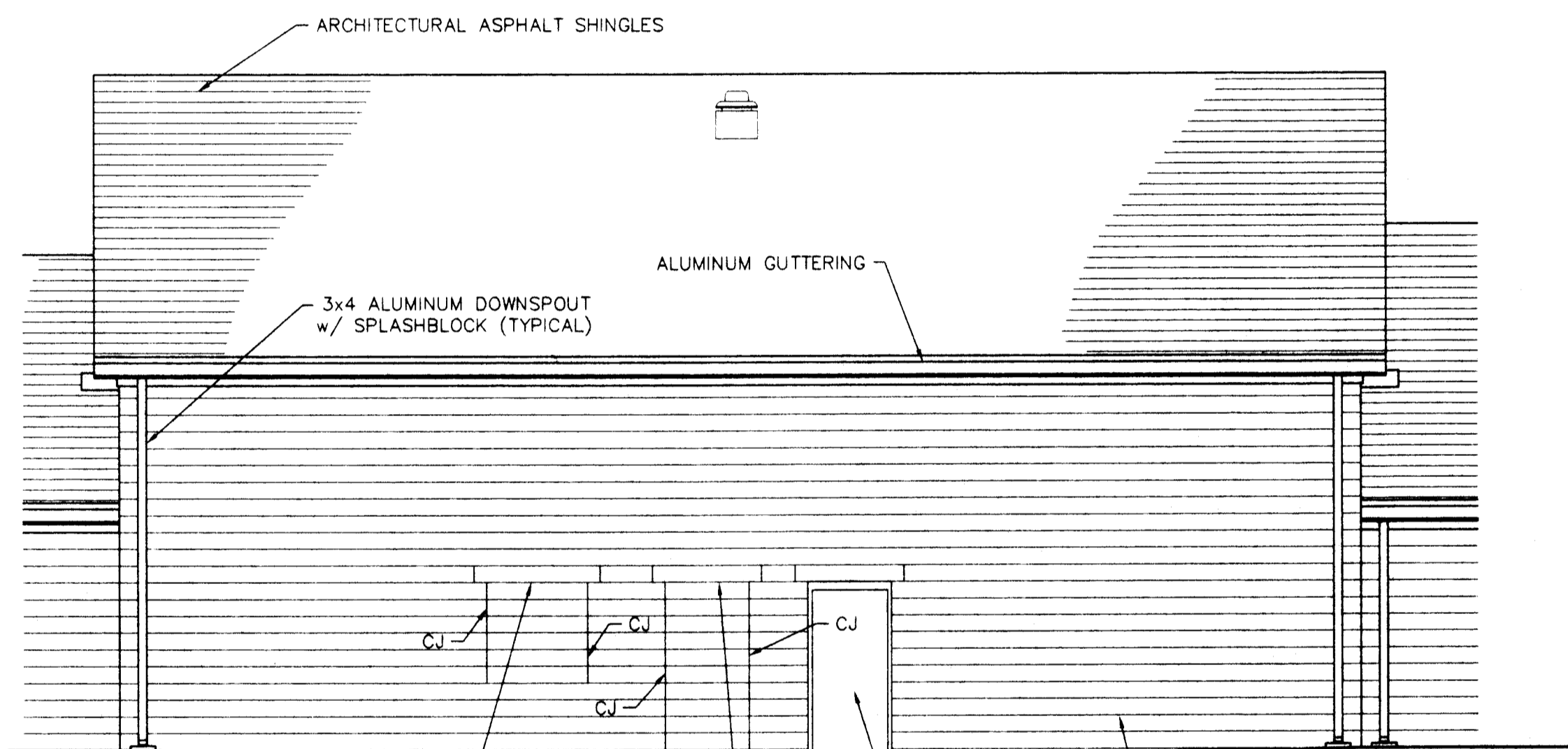
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	CHECKED BY	TDC	03/97			9706	SCALE
APPROVED BY	SRH	04/97		DRAWING TITLE	NORTH & WEST ELEVATIONS		AS NOTED
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Engineering & Architectural Services

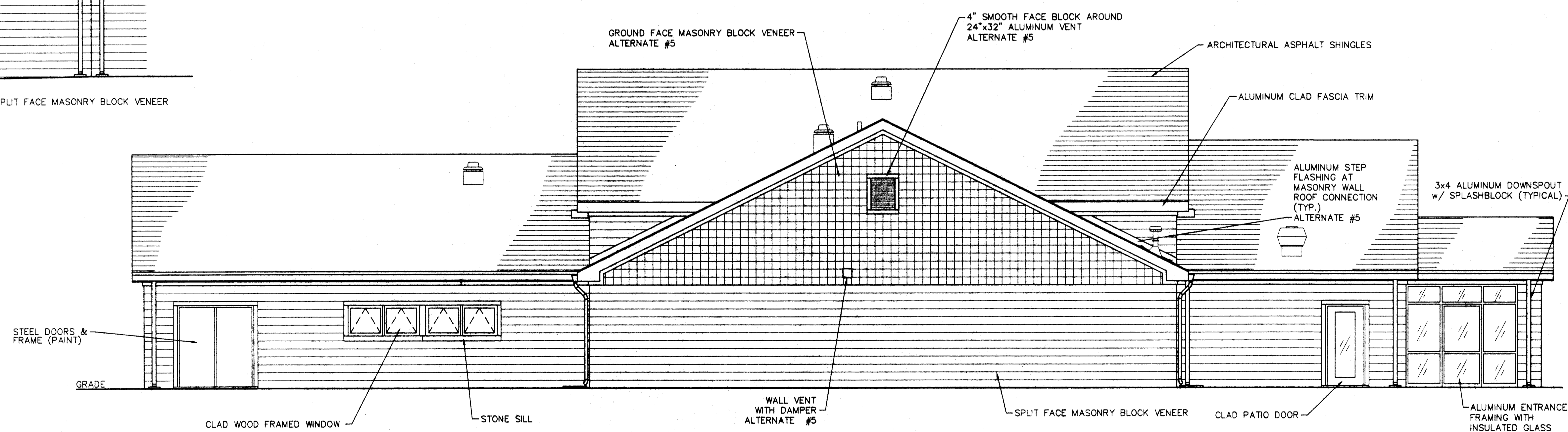
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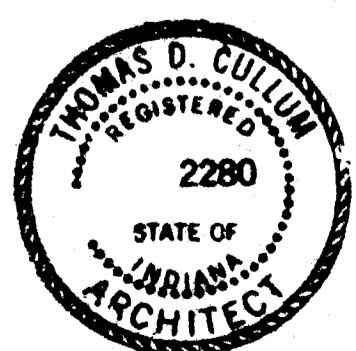
**SOUTH ELEVATION**  
SCALE: 3/16"=1'-0"



**PARTIAL EAST ELEVATION (BASE BID)**  
SCALE: 3/16"=1'-0"

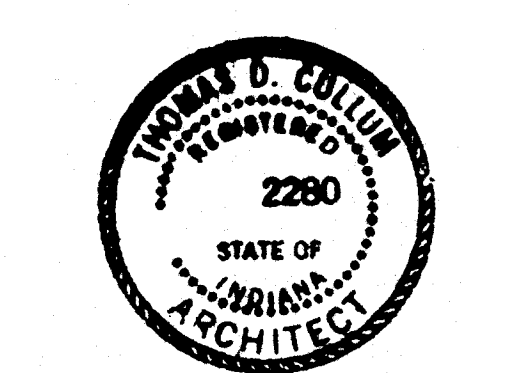
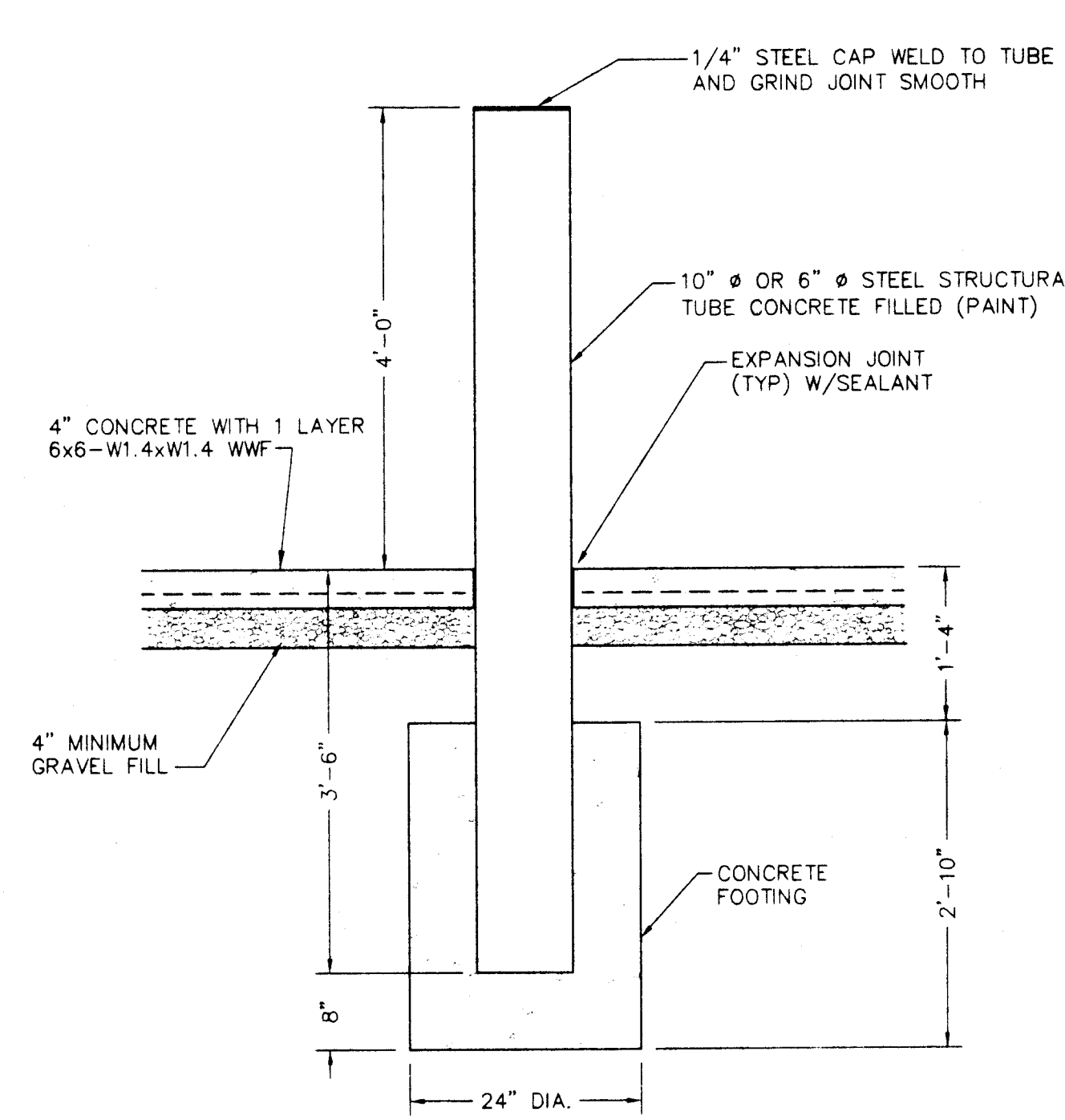
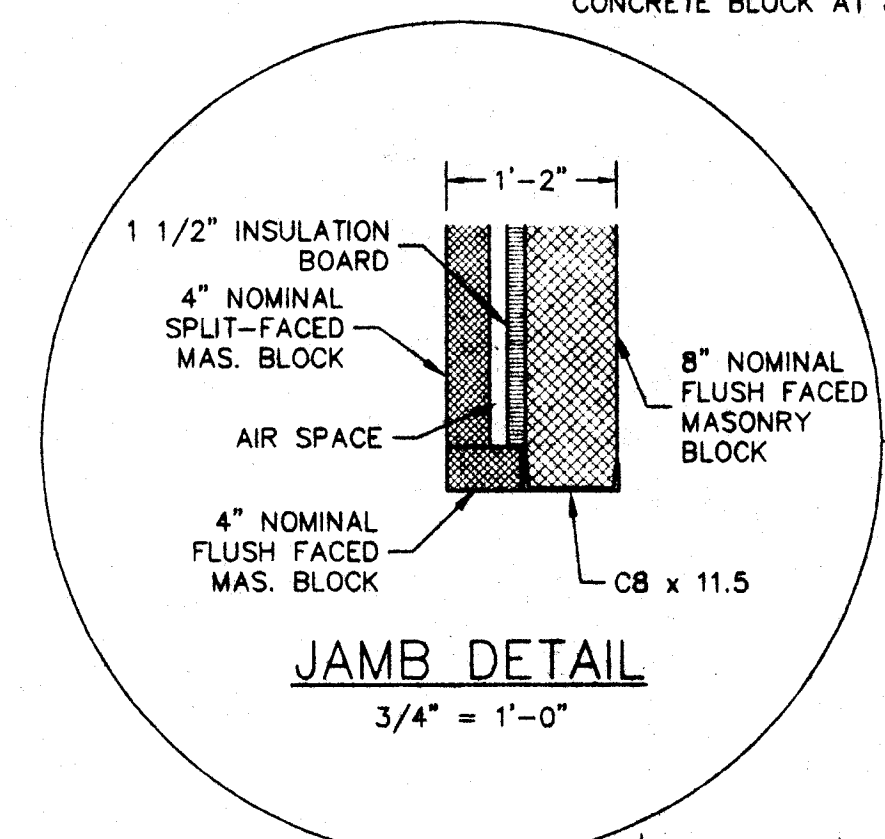
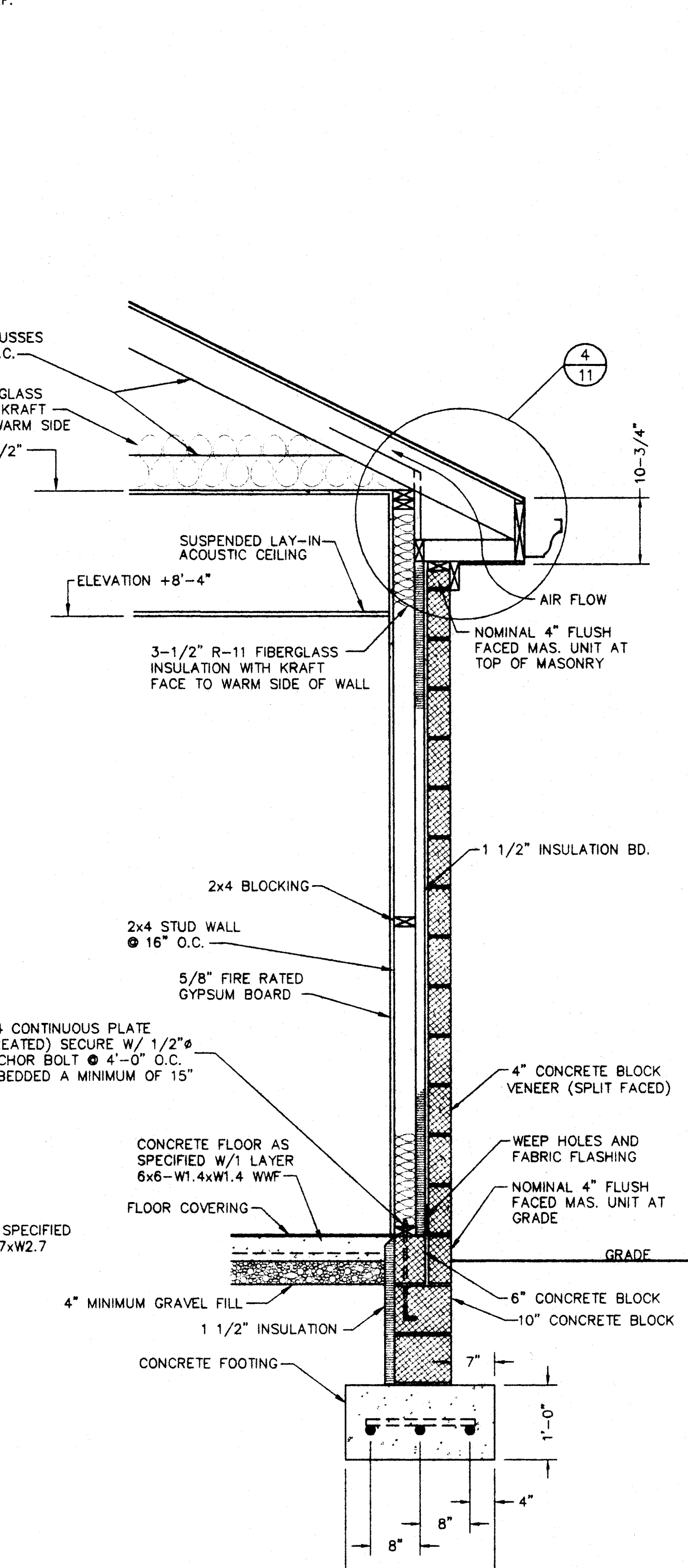
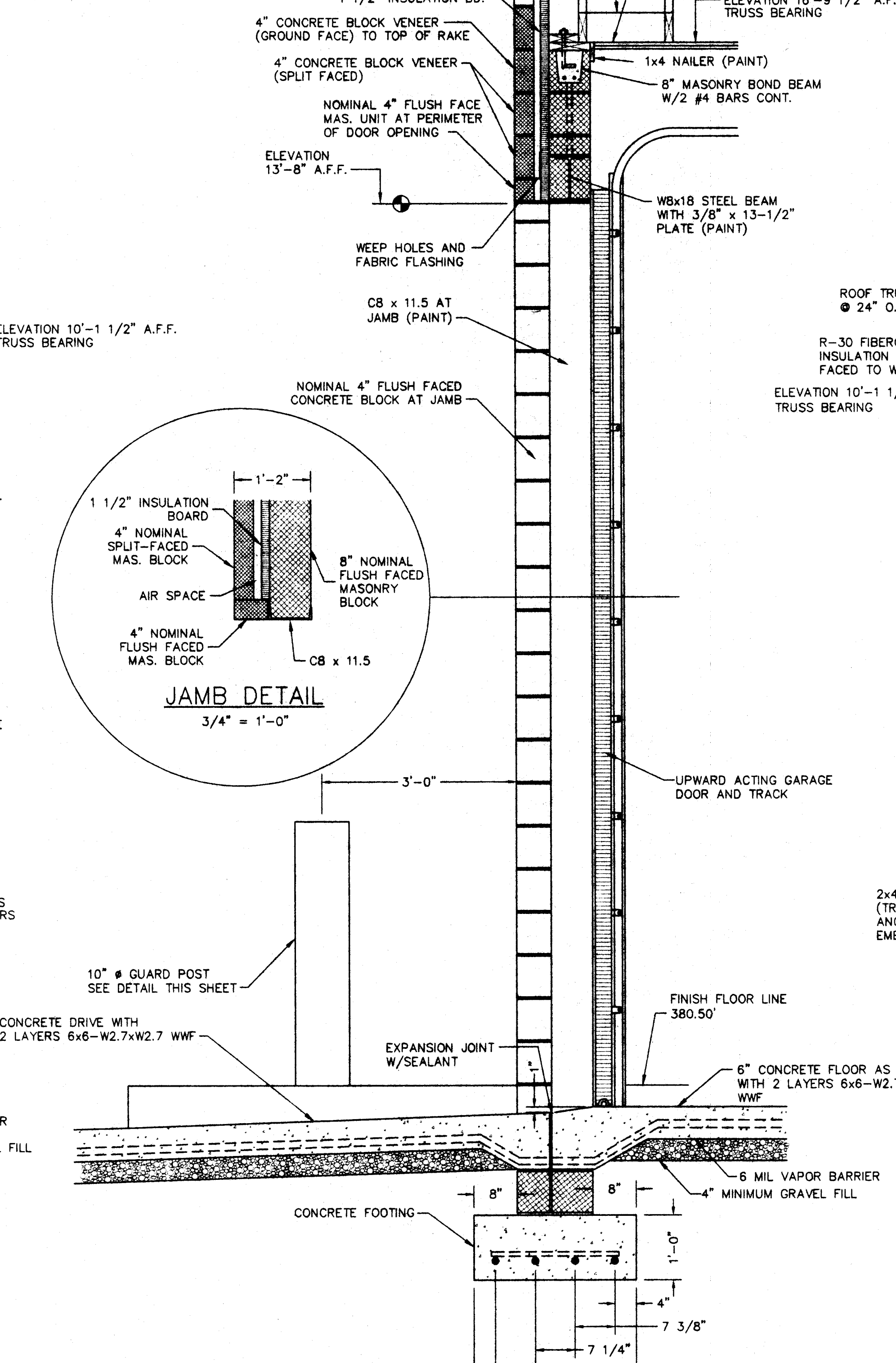
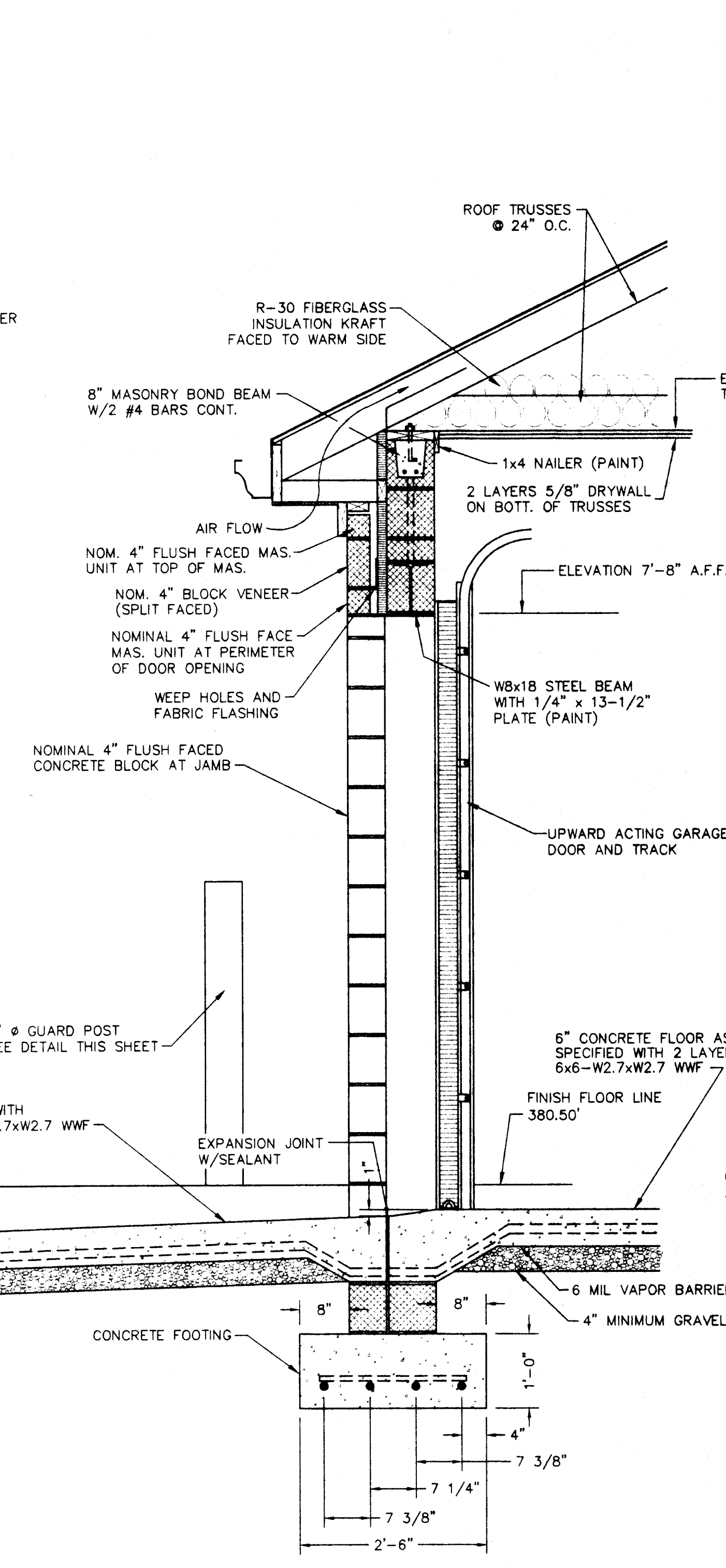
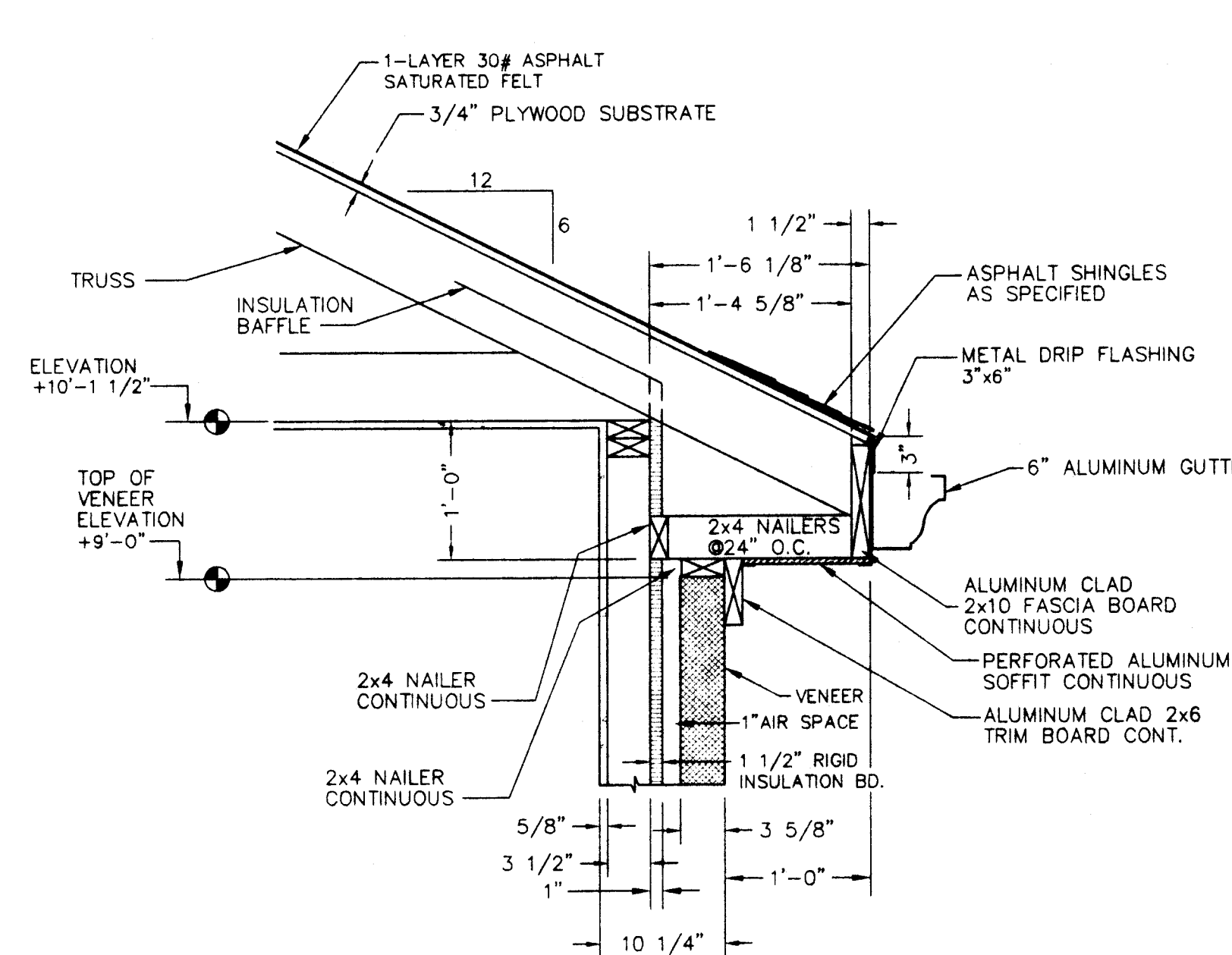


**EAST ELEVATION (SHOWING ALTERNATE #5)**  
SCALE: 3/16"=1'-0"



*T.D. Cullum*

<table border="1"> <tr> <td>ISSUED FOR BID</td> <td>04/11/97</td> <td>TDC</td> </tr> <tr> <td>DESCRIPTION</td> <td>DATE</td> <td>BY</td> </tr> </table>	ISSUED FOR BID	04/11/97	TDC	DESCRIPTION	DATE	BY	<table border="1"> <tr> <td>DRAWN BY</td> <td>PAT</td> <td>03/97</td> </tr> <tr> <td>DESIGNED BY</td> <td>TDC</td> <td>03/97</td> </tr> <tr> <td>CHECKED BY</td> <td>TDC</td> <td>04/97</td> </tr> <tr> <td>APPROVED BY</td> <td>SRH</td> <td>04/97</td> </tr> </table> <p>THIS DOCUMENT IS CONFIDENTIAL, NONE OF IT, INCLUDING THE DATA HEREIN, IS TO BE REPRODUCED, COPIED, OR PROVIDED TO ANY THIRD PARTY WITHOUT EXPRESS CONSENT FROM MID AMERICA DESIGN, INC.</p>	DRAWN BY	PAT	03/97	DESIGNED BY	TDC	03/97	CHECKED BY	TDC	04/97	APPROVED BY	SRH	04/97	<table border="1"> <tr> <td>PROJECT</td> <td>FIRE STATION #16</td> </tr> <tr> <td>DRAWING TITLE</td> <td>SOUTH &amp; EAST ELEVATIONS</td> </tr> </table>	PROJECT	FIRE STATION #16	DRAWING TITLE	SOUTH & EAST ELEVATIONS	<table border="1"> <tr> <td>MAIN PROJECT No.</td> <td>9706</td> </tr> <tr> <td>CITY OF EVANSVILLE BOARD OF PUBLIC WORKS</td> <td></td> </tr> </table>	MAIN PROJECT No.	9706	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS		<table border="1"> <tr> <td>SCALE</td> <td>AS NOTED</td> </tr> </table>	SCALE	AS NOTED	<table border="1"> <tr> <td><b>MID AMERICA DESIGN, INC.</b> Engineering &amp; Architectural Services</td> </tr> <tr> <td>DRAWING NUMBER</td> <td>9706-10</td> </tr> <tr> <td>REVISION</td> <td>0</td> </tr> </table>	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services	DRAWING NUMBER	9706-10	REVISION	0
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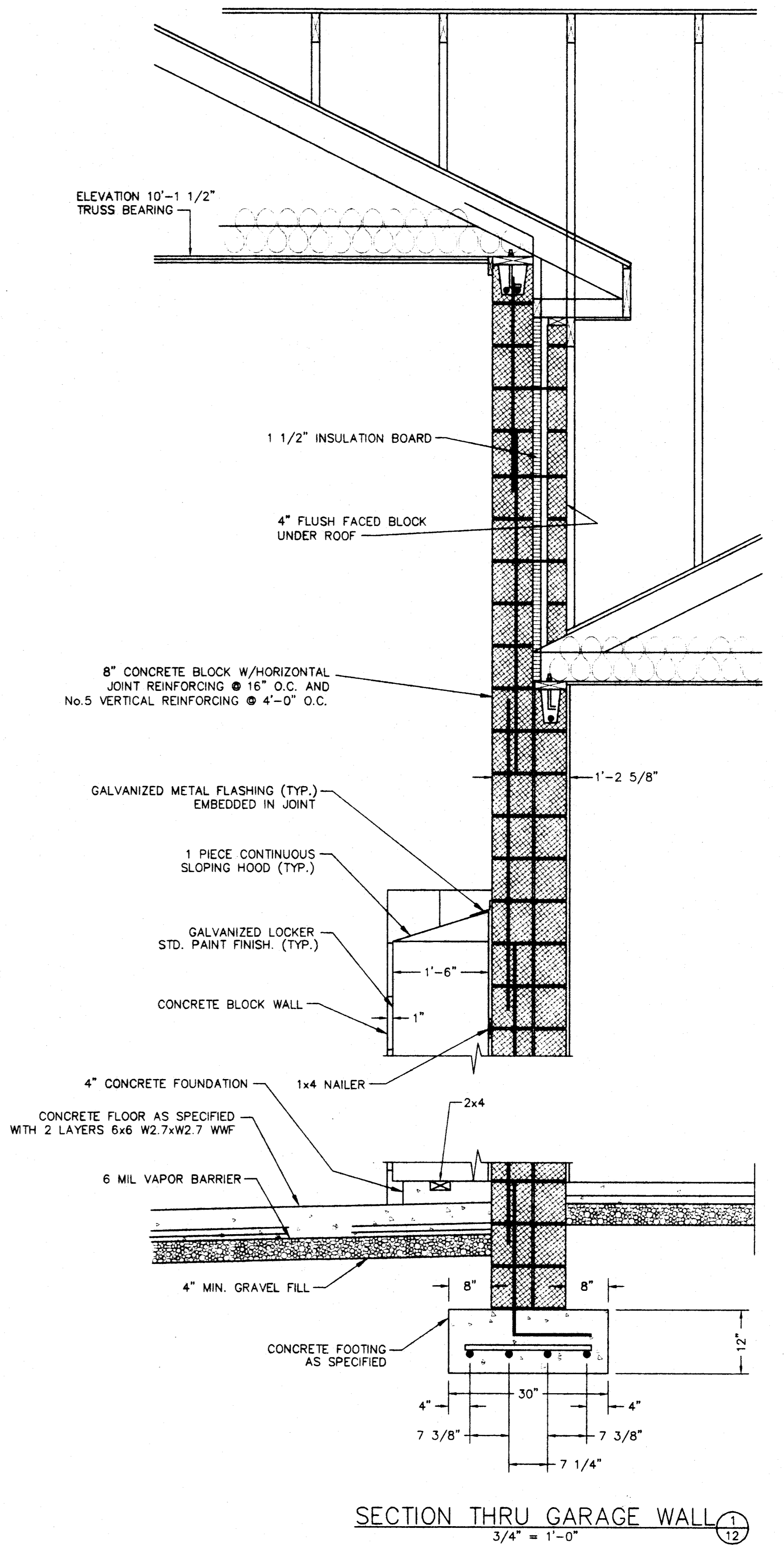
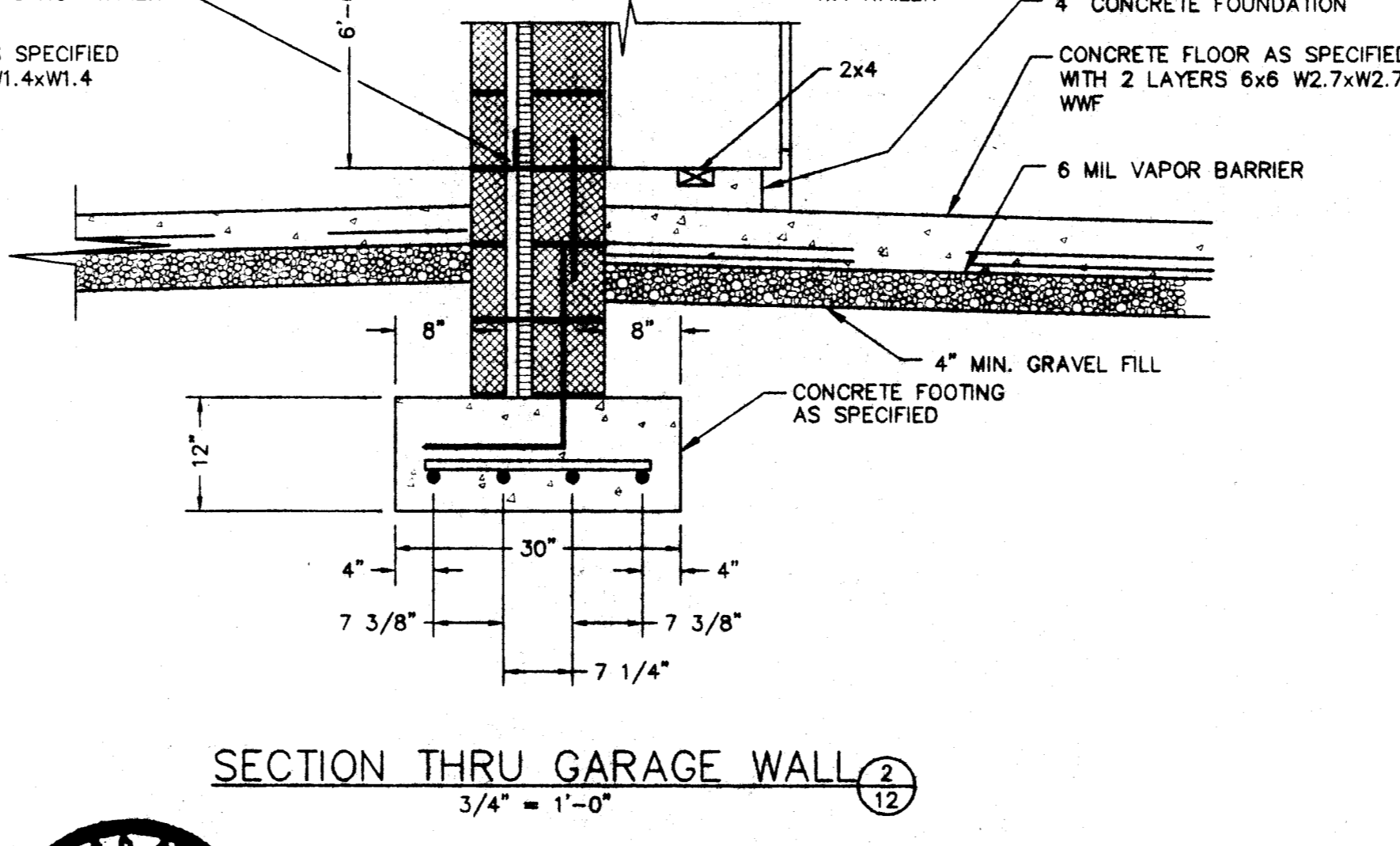
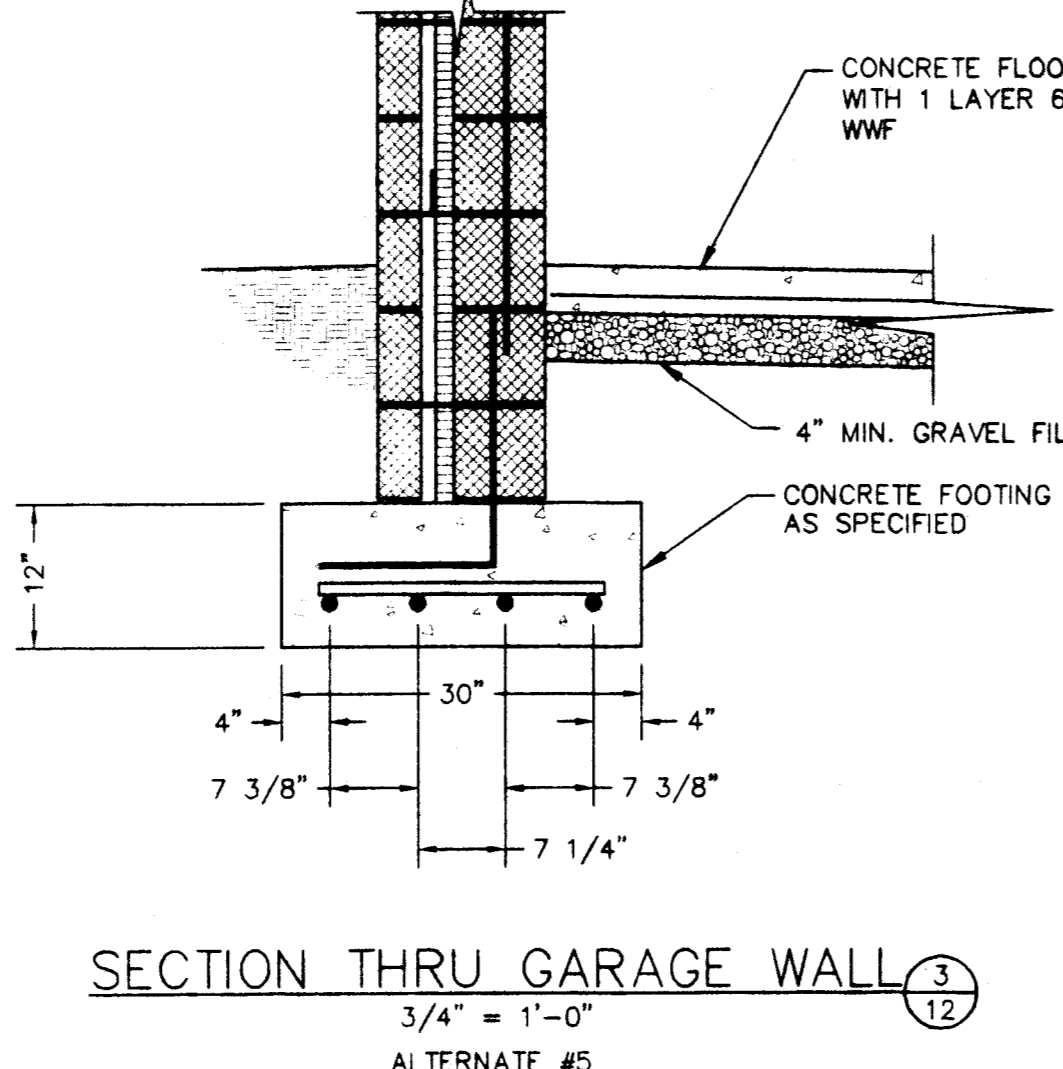
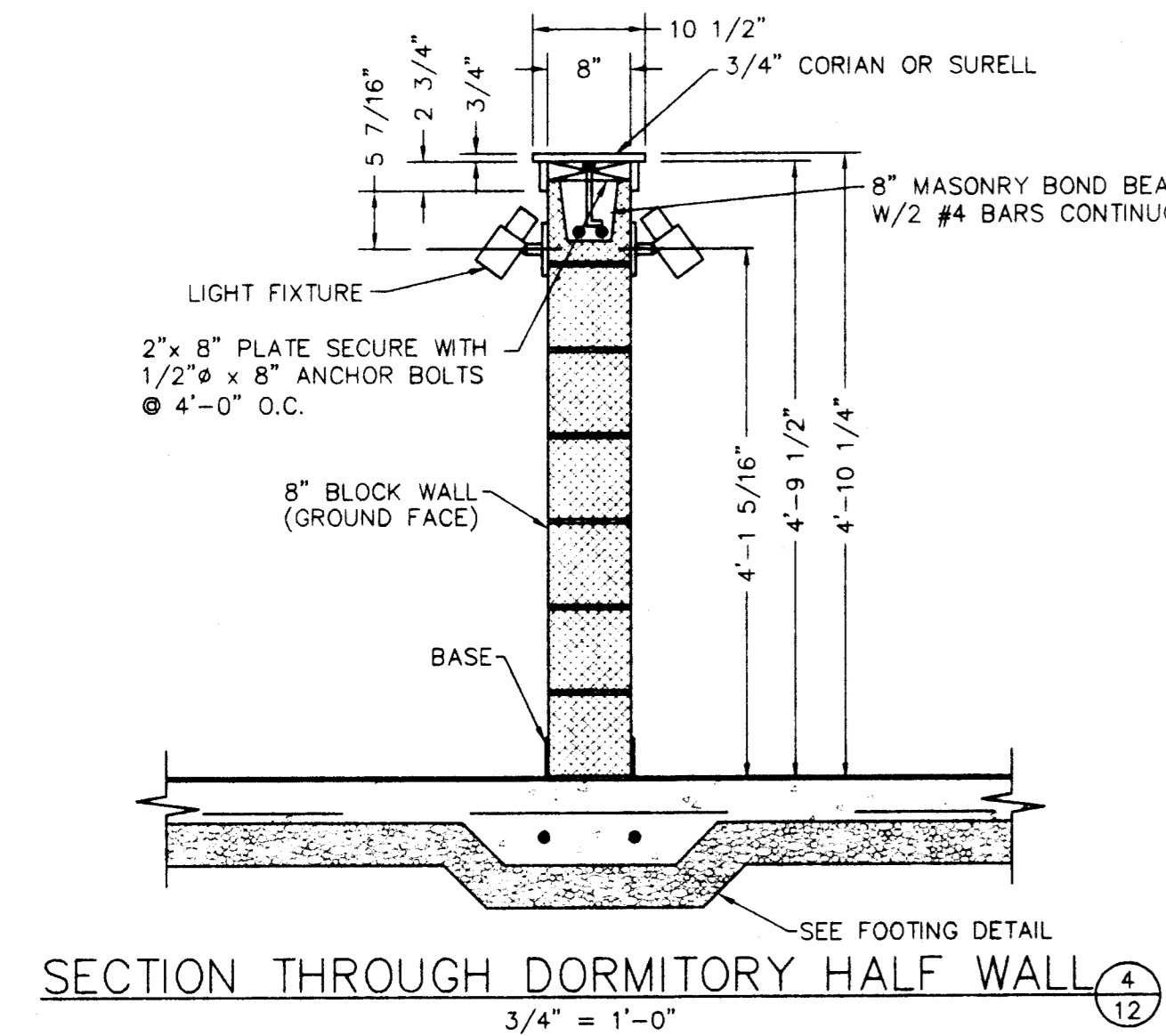
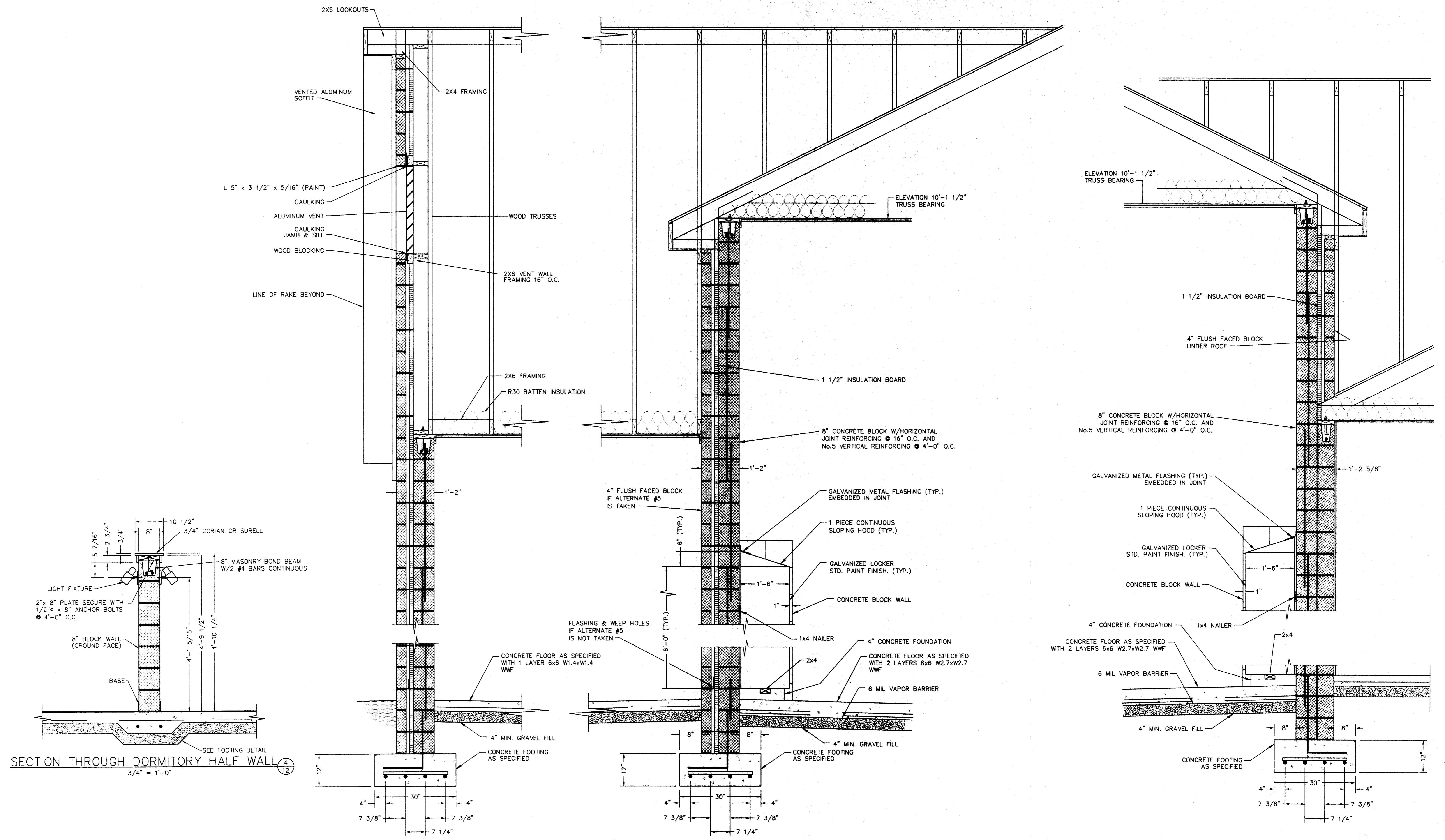


*Jed D. Collier*

DRAWN BY PAT 03/97 DESIGNED BY TDC 03/97 CHECKED BY TDC 04/97 APPROVED BY SRH 04/97	PROJECT <b>FIRE STATION #16</b>	MADE PROJECT No. 9706	SCALE AS NOTED	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
ISSUED FOR BID 4/11/97 TDC REV. DESCRIPTION DATE BY	DRAWING TITLE <b>TYPICAL WALL SECTIONS AND DETAILS</b>	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	DRAWING NUMBER <b>9706-11</b>	

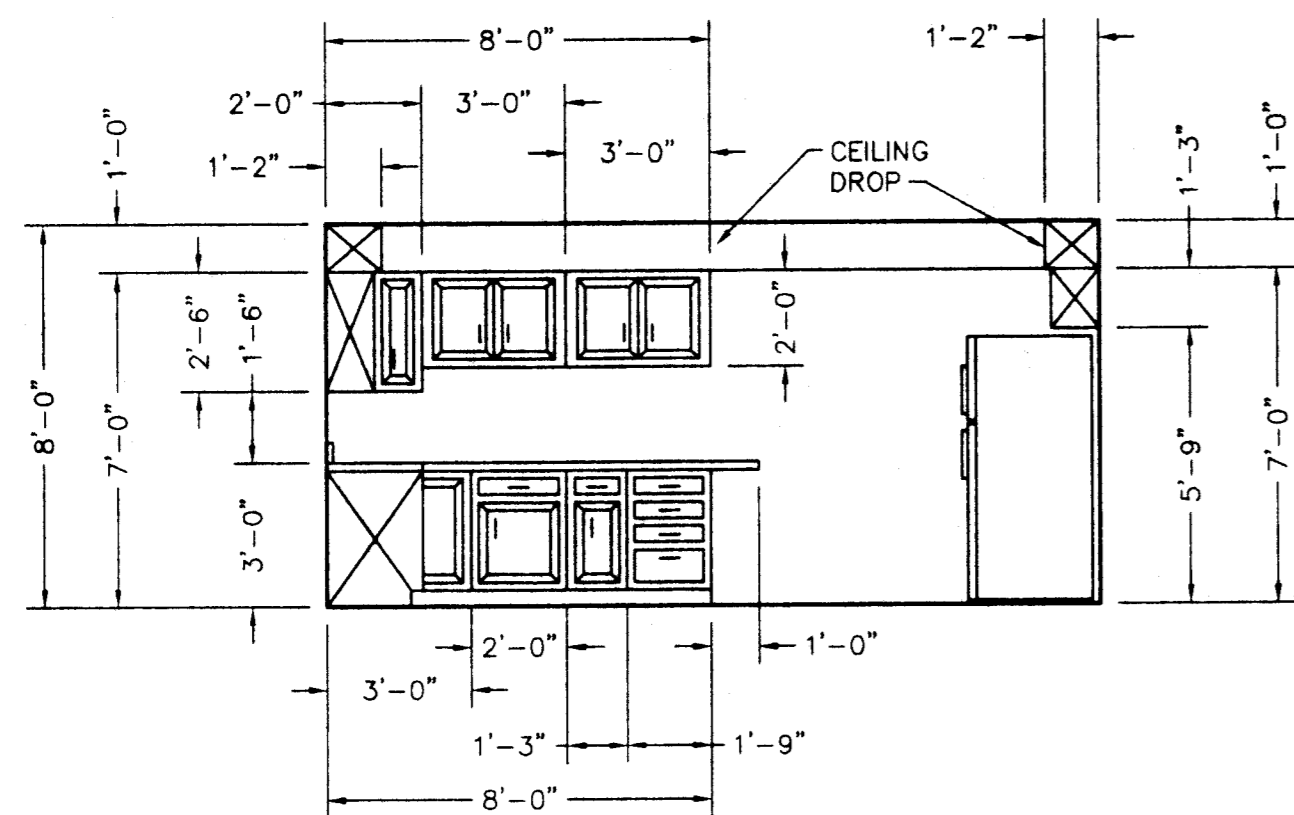
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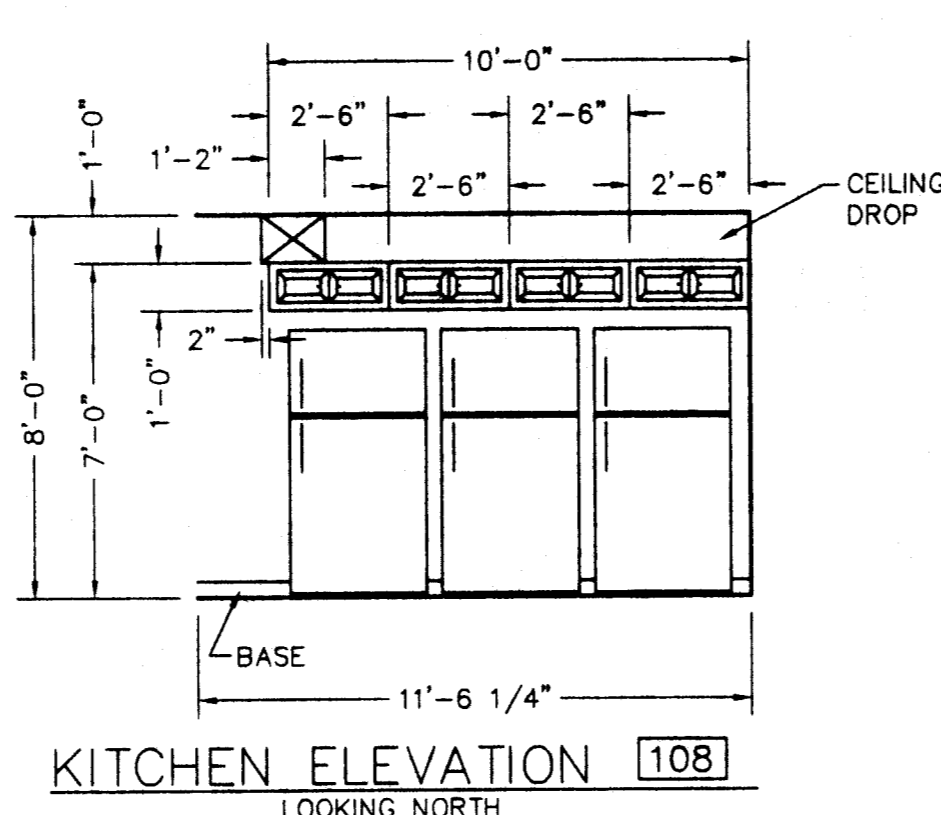


*James D. Calvert*

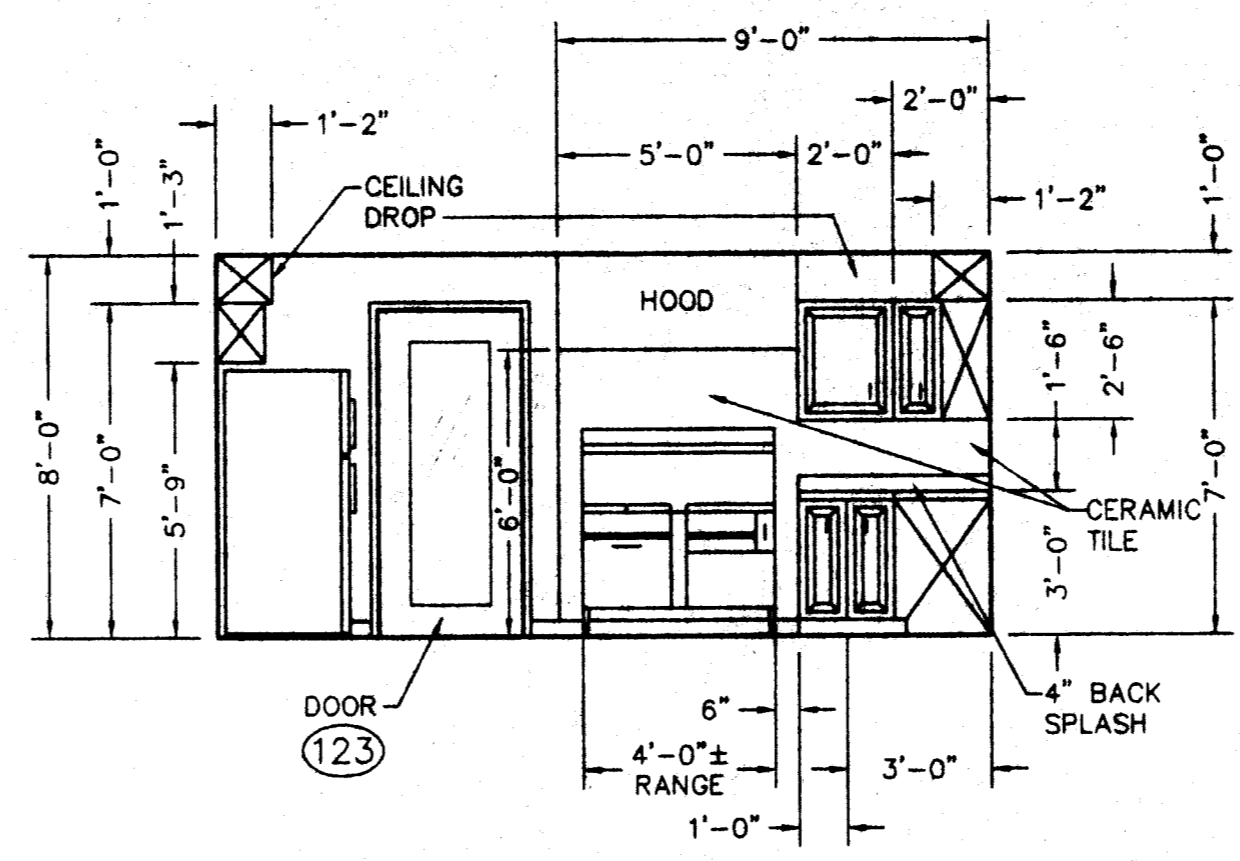
DRAWN BY PAT 03/97 CHECKED BY TDC 03/97 APPROVED BY SRH 04/97	PROJECT FIRE STATION #16	MADE PROJECT No. 9706 SCALE AS NOTED	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
THIS DRAWING IS CONFIDENTIAL. NONE OF THE INFORMATION CONTAINED HEREIN IS TO BE REPRODUCED, COPIED, OR REFERRED TO IN ANY MANNER WITHOUT WRITTEN CONSENT FROM MID AMERICA DESIGN, INC.	DRAWING TITLE TYPICAL WALL SECTIONS	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	
DESIGNED FOR BID 04/11/97 TDC	DATE BY	REVISION 0	



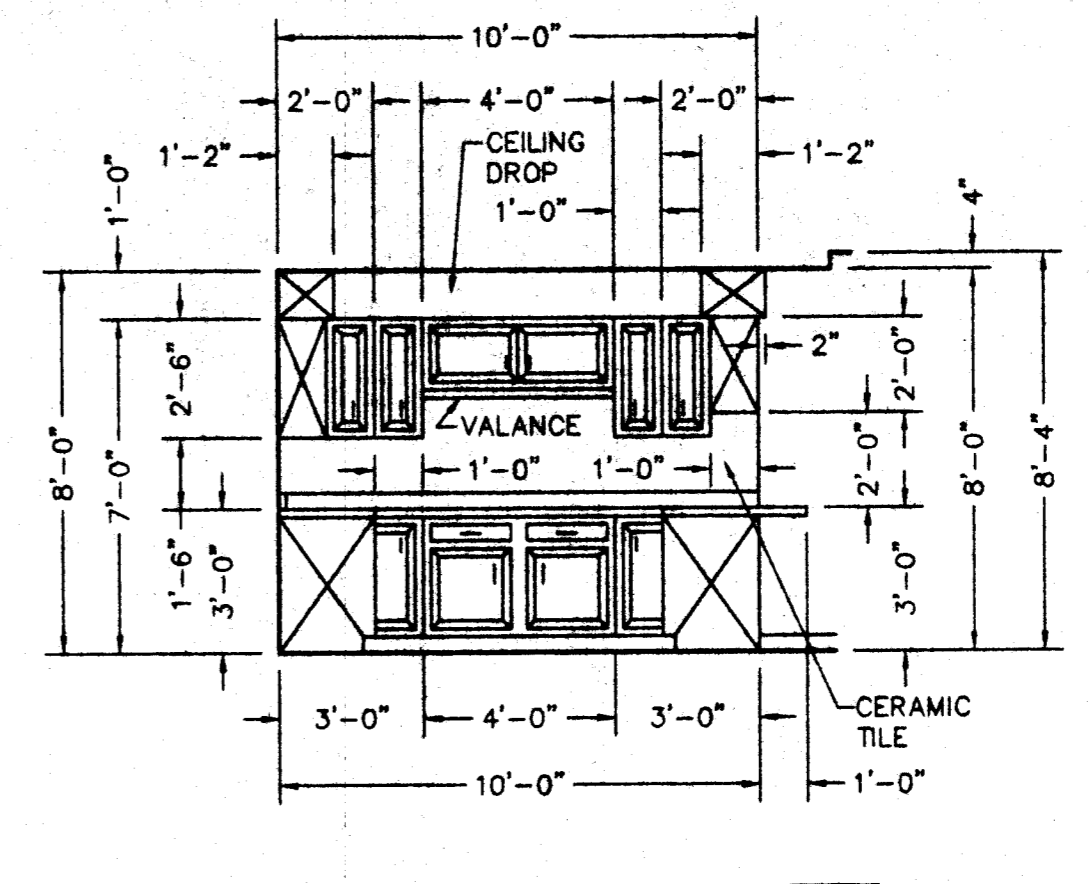
KITCHEN ELEVATION 108  
LOOKING WEST



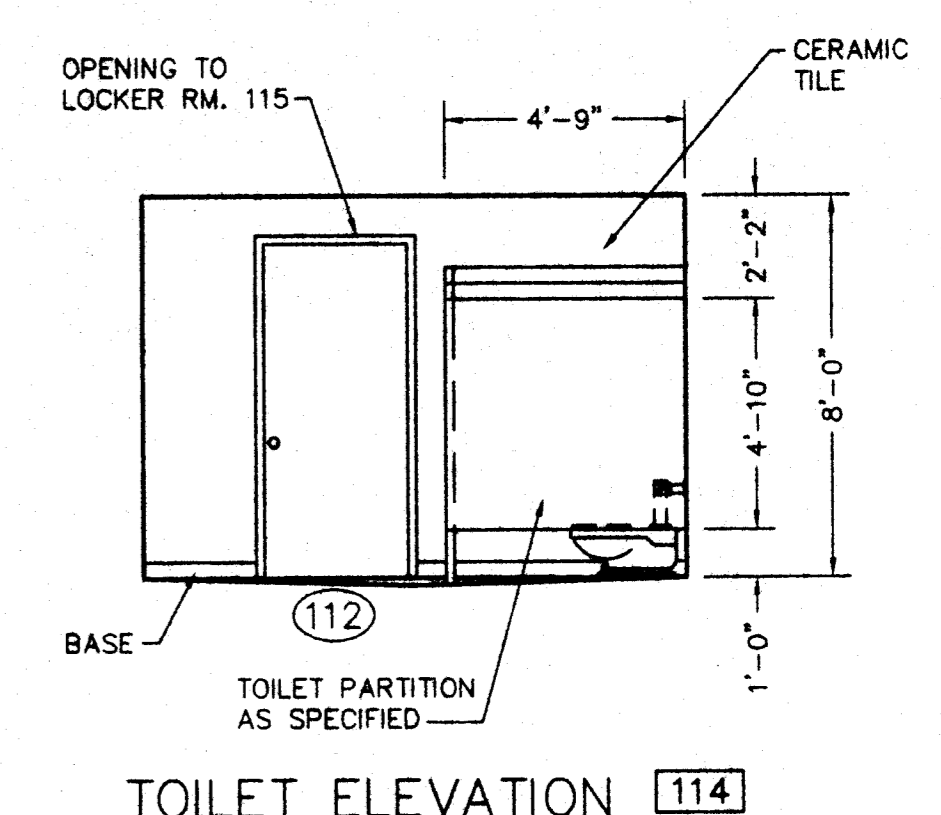
KITCHEN ELEVATION 108  
LOOKING NORTH



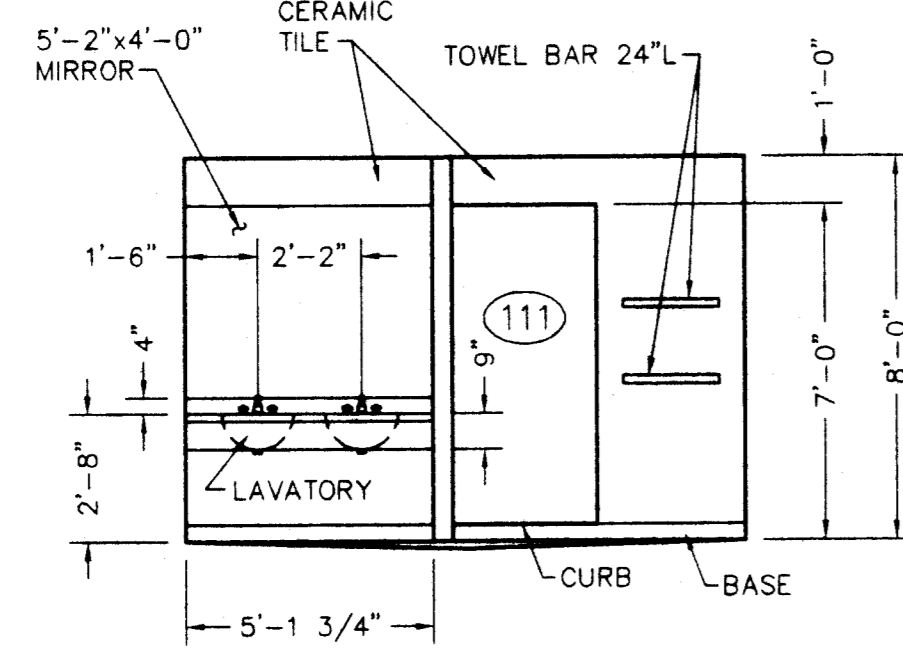
KITCHEN ELEVATION 108  
LOOKING EAST



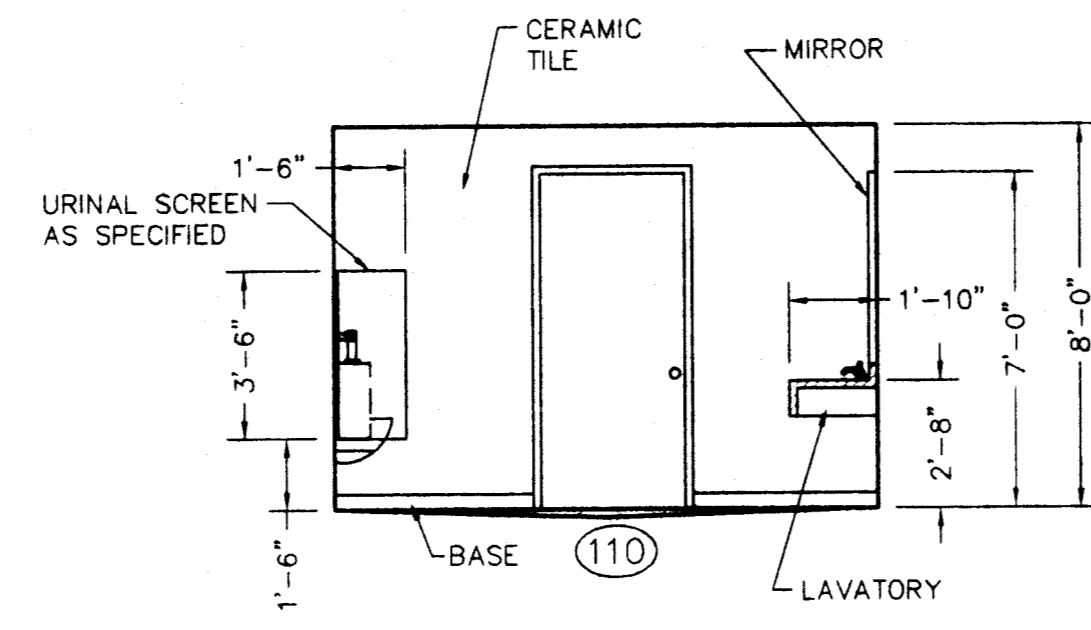
KITCHEN ELEVATION 108  
LOOKING SOUTH



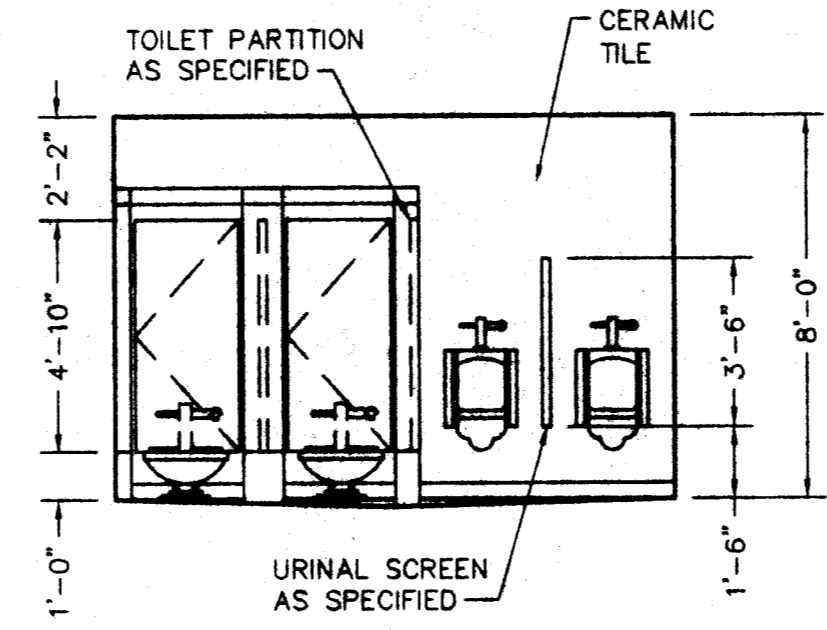
TOILET ELEVATION 114  
LOOKING WEST



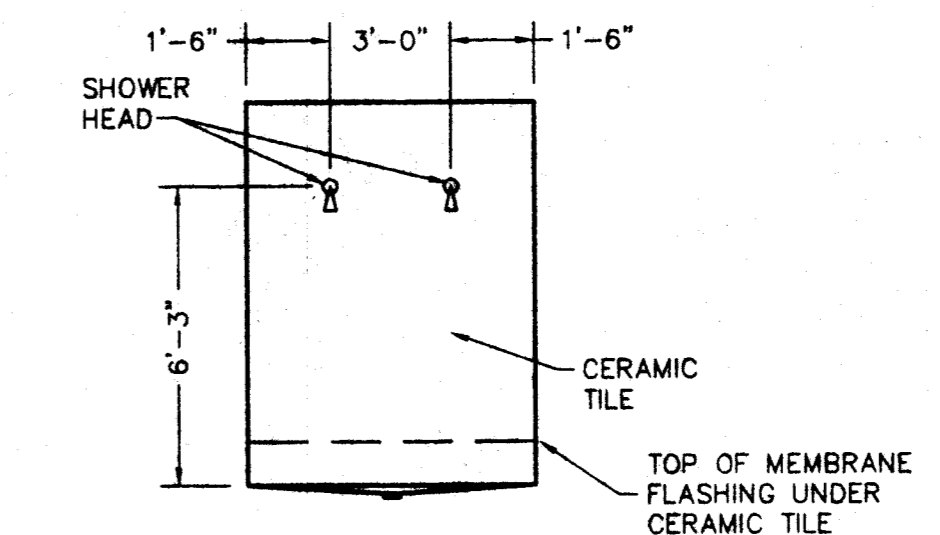
TOILET ELEVATION 114  
LOOKING SOUTH



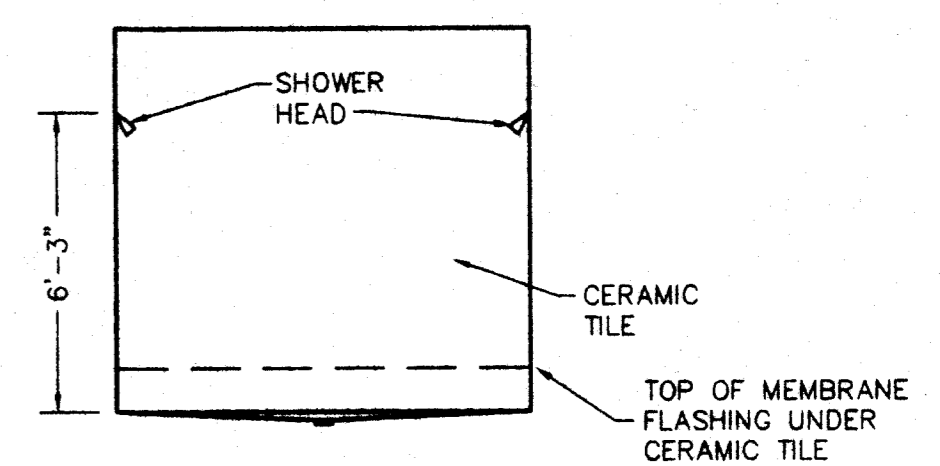
TOILET ELEVATION 114  
LOOKING EAST



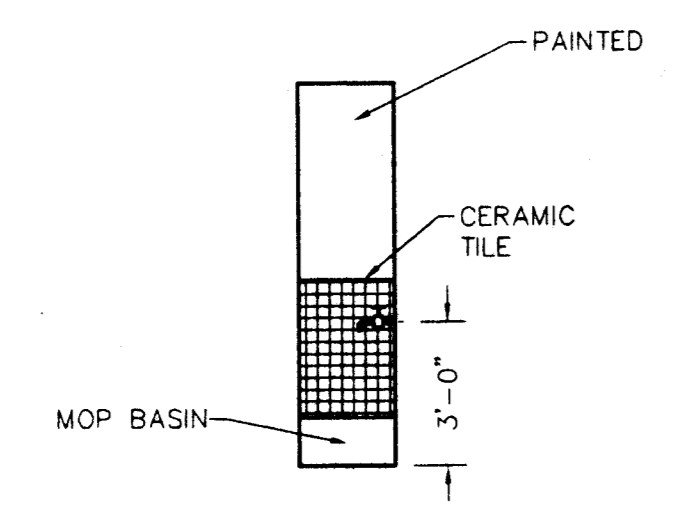
TOILET ELEVATION 114  
LOOKING NORTH



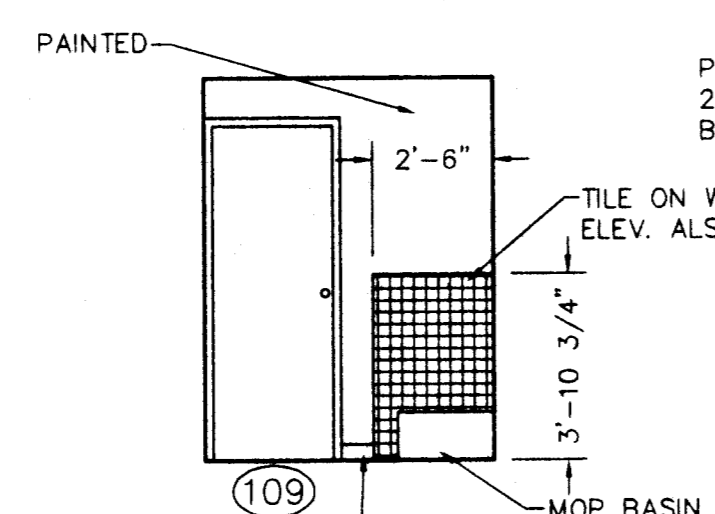
SHOWER ELEVATION 113  
LOOKING EAST & WEST



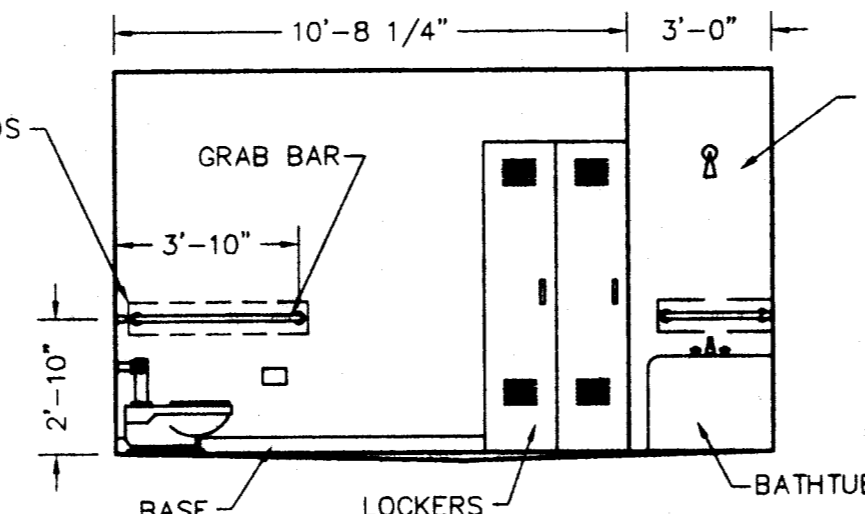
SHOWER ELEVATION 113  
LOOKING SOUTH



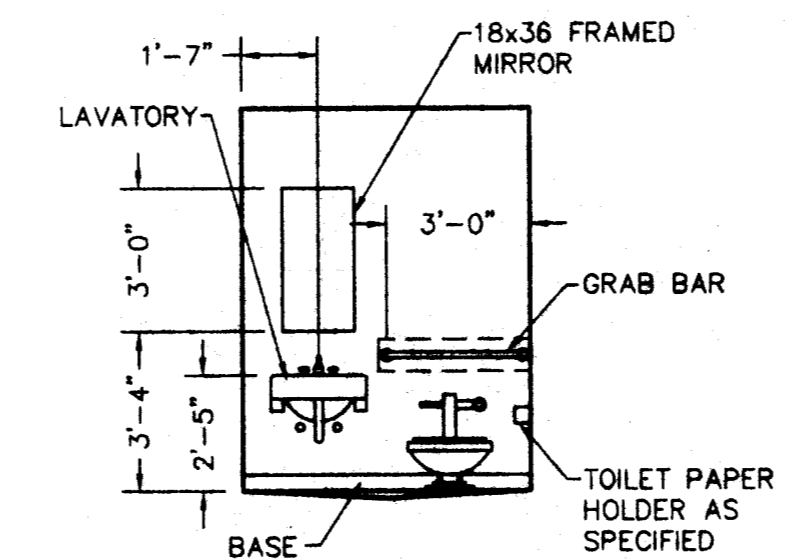
JANITOR ELEVATION 112  
LOOKING SOUTH



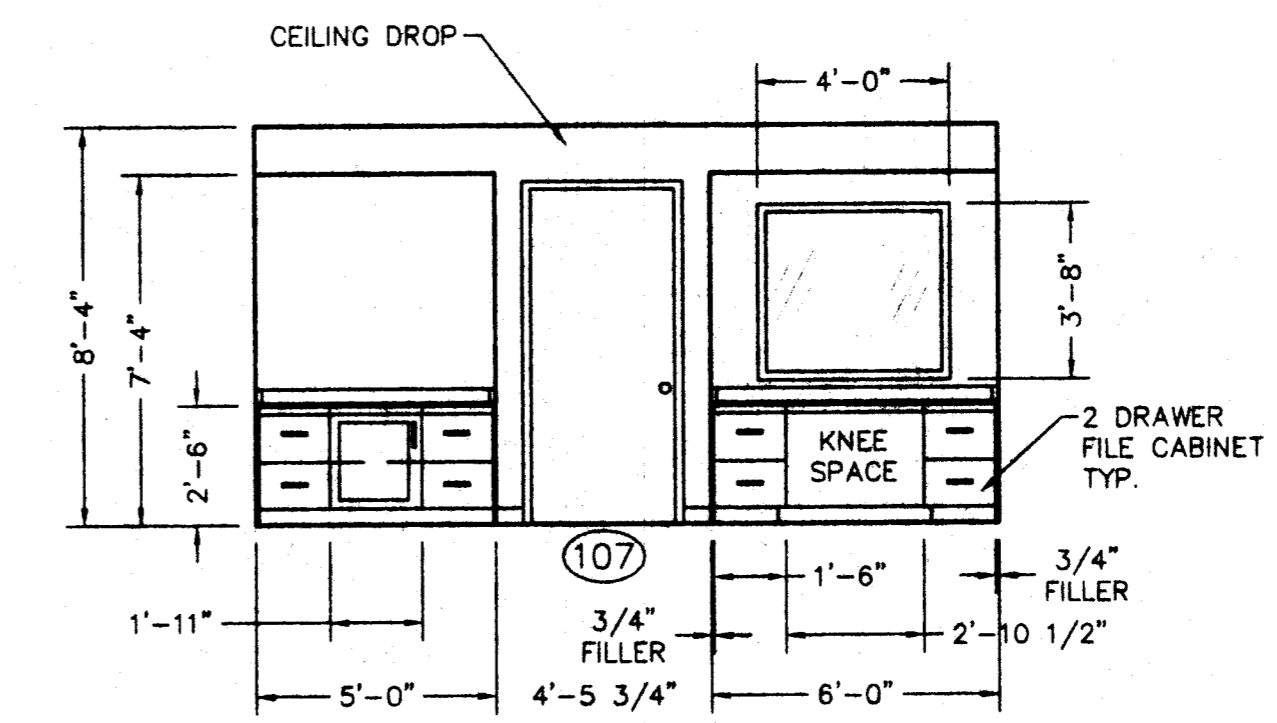
JANITOR ELEVATION 112  
LOOKING EAST



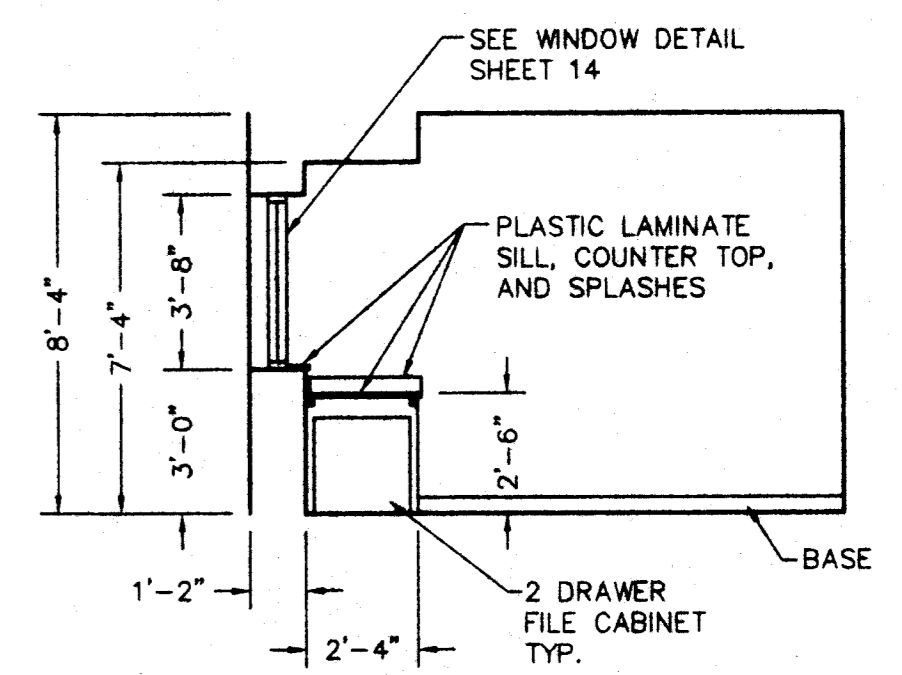
TOILET ELEVATION 103  
LOOKING SOUTH



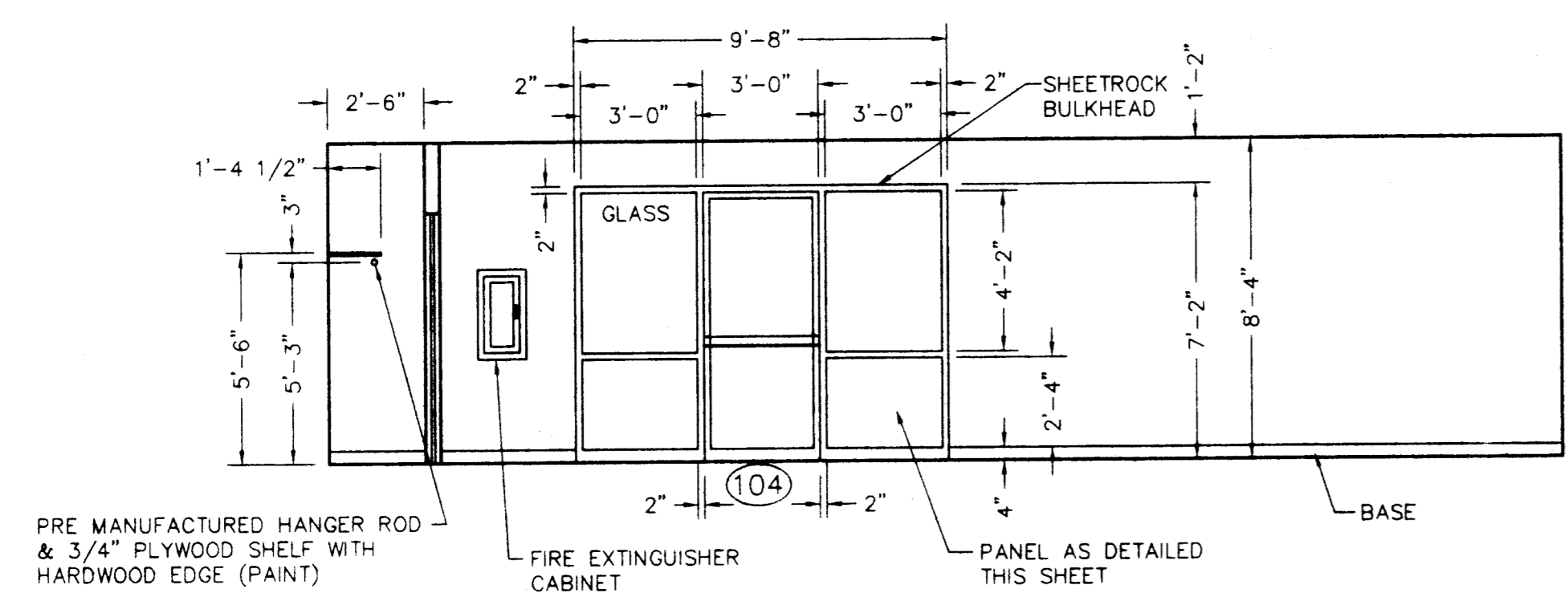
TOILET ELEVATION 103  
LOOKING EAST



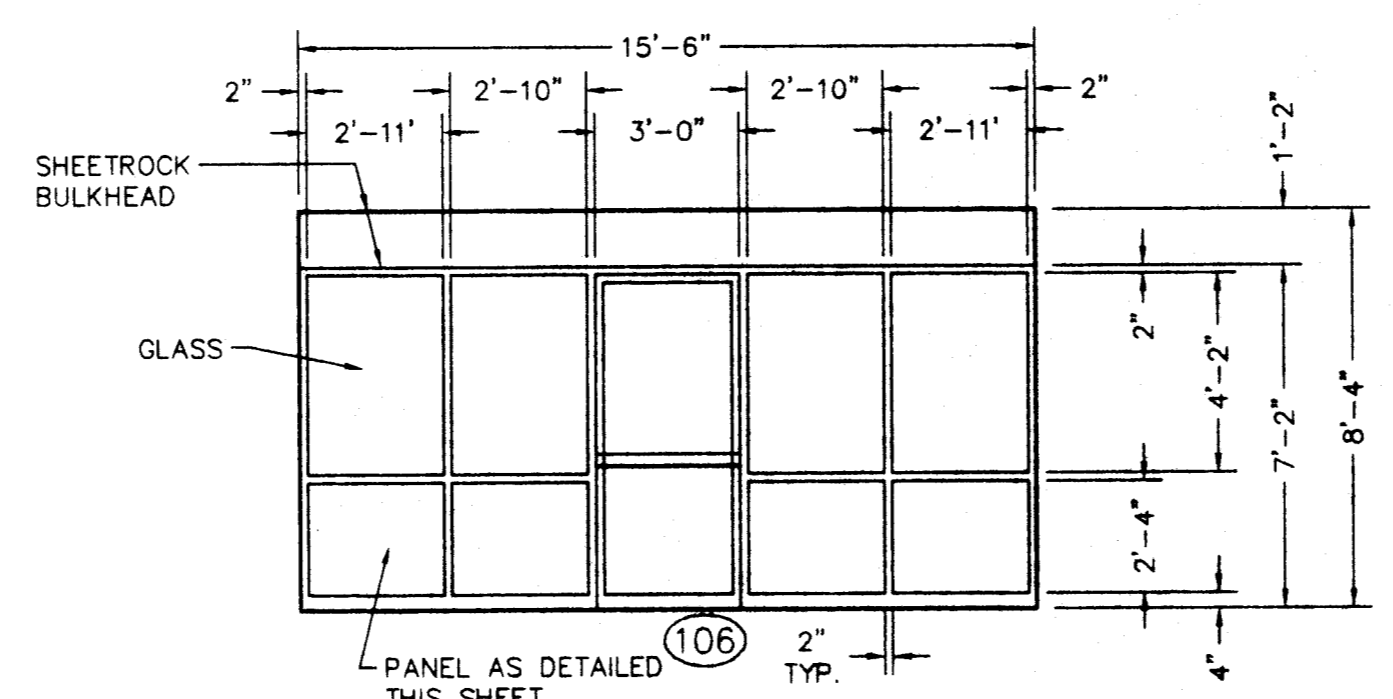
OFFICE ELEVATION 109  
LOOKING EAST



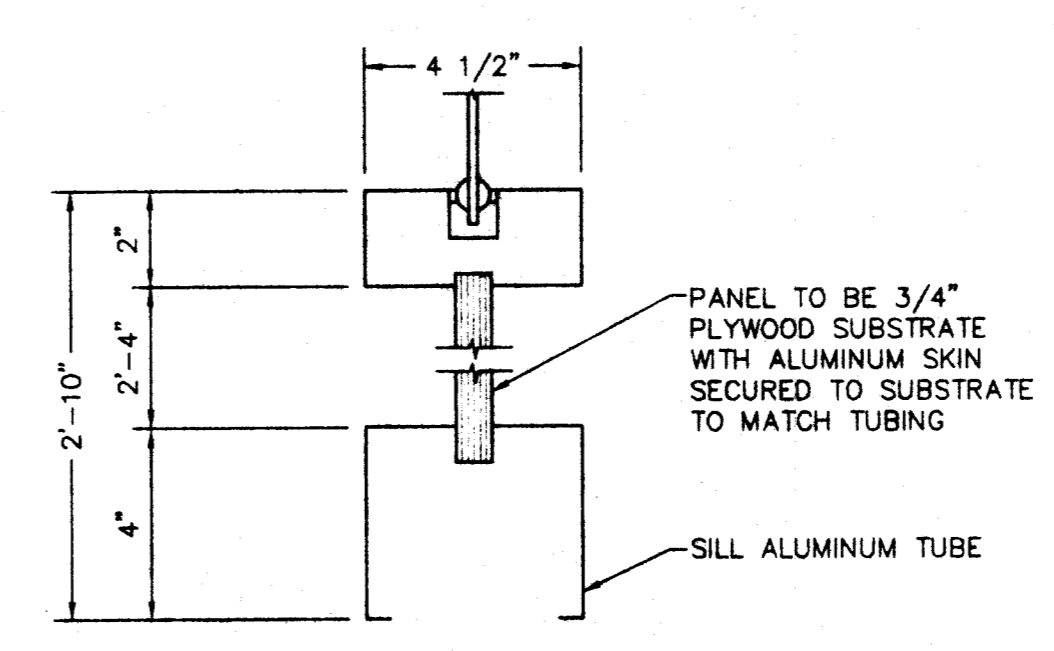
OFFICE ELEVATION 109  
LOOKING SOUTH



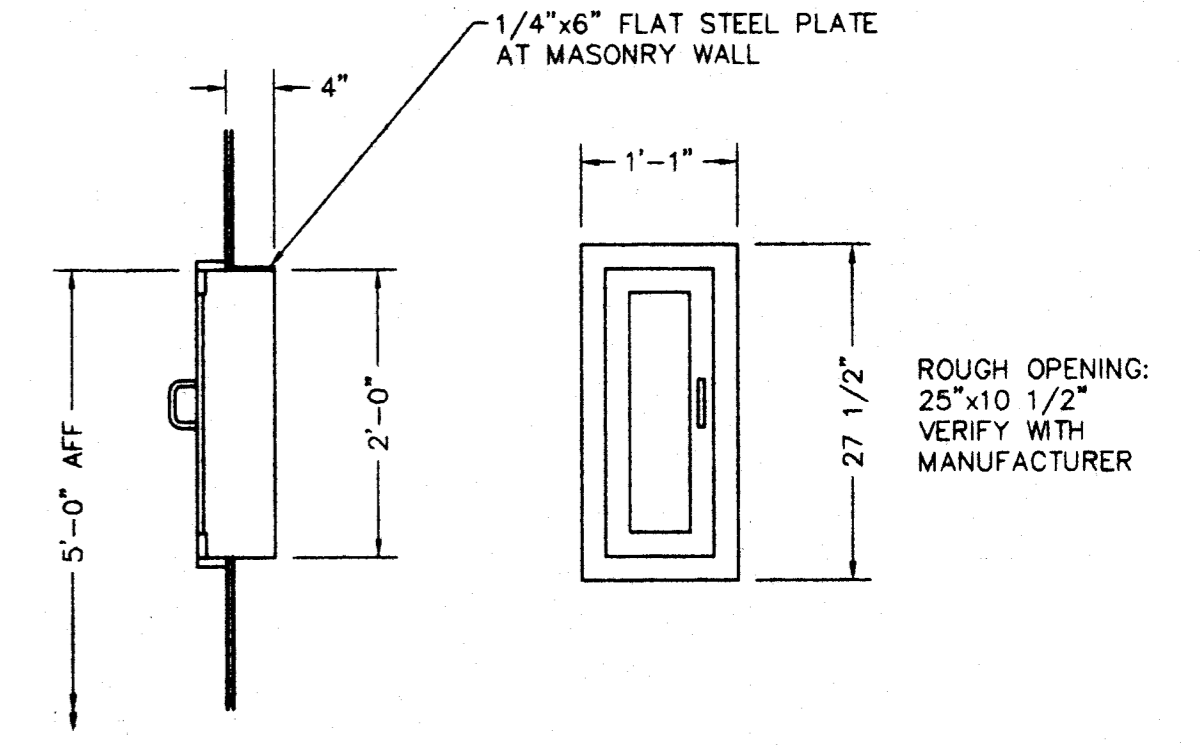
ACTIVITY ROOM ELEVATION 107  
LOOKING WEST



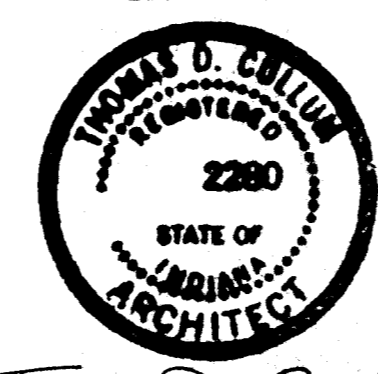
ACTIVITY ROOM ELEVATION 107  
LOOKING EAST



TYPICAL PANEL DETAIL AT ALUMINUM FRAME WALLS  
SCALE: 3/8"=1'-0"



FIRE EXTINGUISHER CABINET  
SCALE: NONE

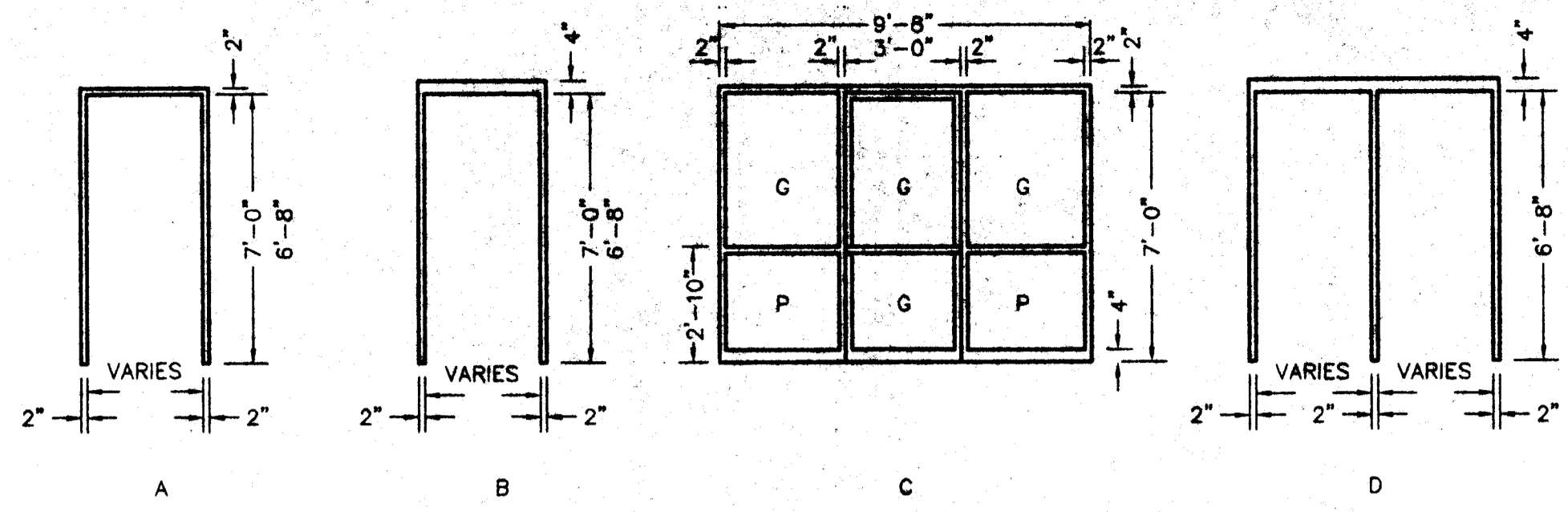


*T.D. Cullen*

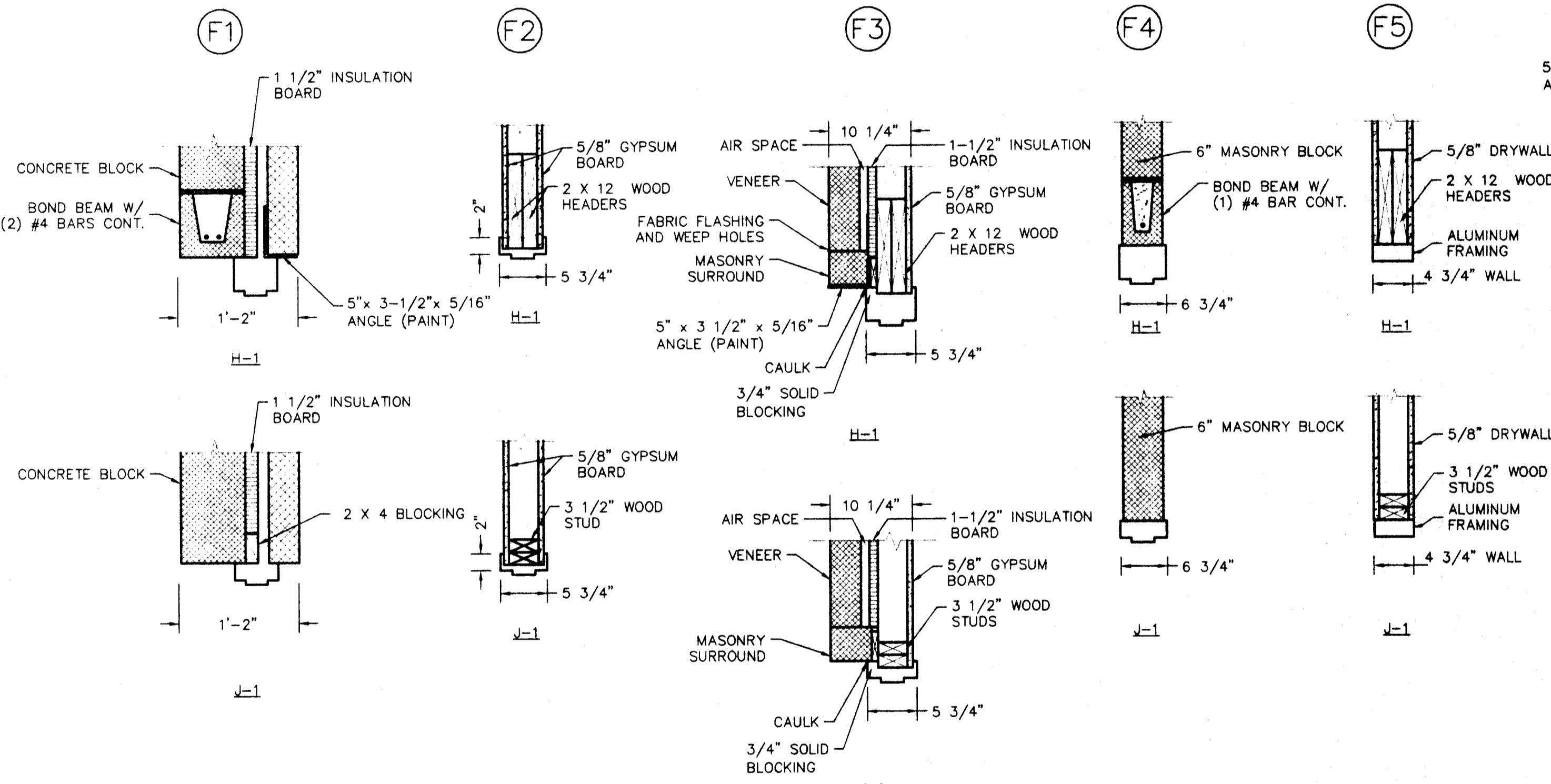
DRAWN BY: JJT 03/97 CHECKED BY: TDC 03/97 APPROVED BY: SRH 04/97	PROJECT: FIRE STATION #16 DRAWING TITLE: INTERIOR ELEVATIONS	MAIN PROJECT No.: 9706 SCALE: 1/4"=1'-0" U.N.O.	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
ISSUED FOR BID: 04/11/97 TDC	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	DRAWING NUMBER: 9706-13	REVISION: 0

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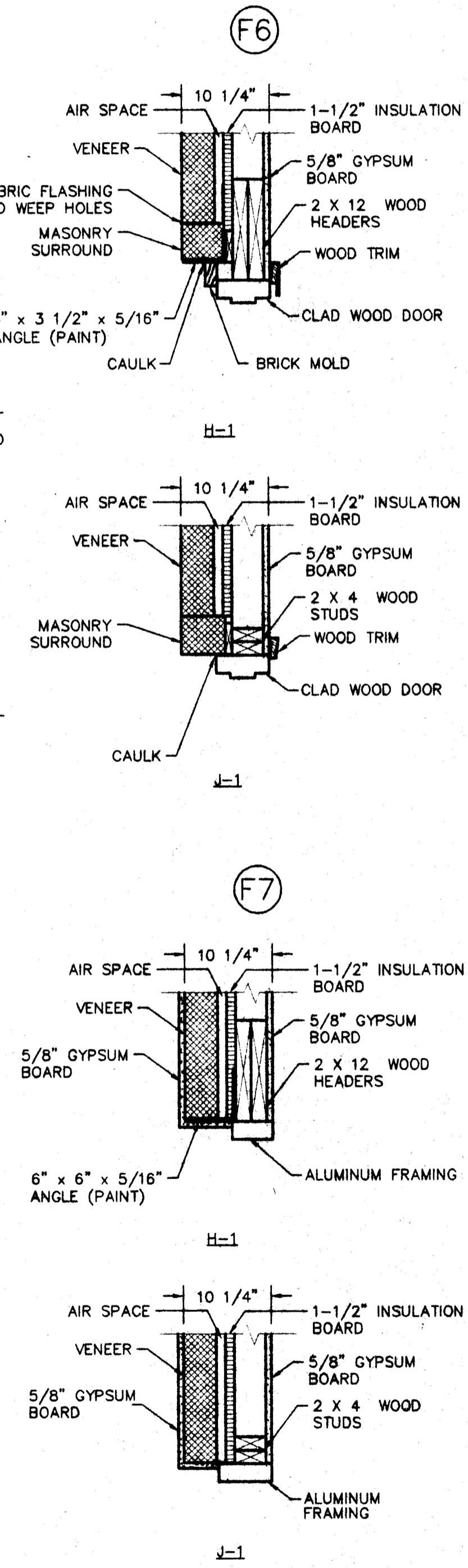
MARK	DESCRIPTION	DOOR ELEVATION	DOOR MATERIAL	FRAME ELEVATION	FRAME MATERIAL	FRAME DETAIL	HARDWARE SET	REMARKS
101	3'-0" x 7'-0" x 1-3/4"	C	ALUMINUM	C	ALUMINUM	F7	1	SEE SPECIFICATIONS
102	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	6	
103	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	3	
104	3'-0" x 7'-0" x 1-3/4"	C	ALUMINUM	C	ALUMINUM	F5	4	SEE SPECIFICATIONS
105	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	5	
106	3'-0" x 7'-0" x 1-3/4"	C	ALUMINUM	SEE SHT.13	ALUMINUM	F5	4	SEE SPECIFICATIONS
107	3'-0" x 7'-0" x 1-3/4"	B	WOOD	A	STEEL	F2	6	
108	3'-0" x 7'-0" x 1-3/4"	B	WOOD	A	STEEL	F2	2	
109	2'-6" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	7	
110	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	2	
111	3'-0" x 7'-0" A.F.F.							CERAMIC TILE OPENING TO SHOWER ROOM PROVIDE CURB
112	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	2	
113	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	6	
114	3'-0" x 7'-0" x 1-3/4"	A	STEEL	A	STEEL	F2	2	
115	3'-0" x 7'-0" x 1-3/4"	B	WOOD	A	STEEL	F2	2	
116	3'-0" x 7'-0" x 1-3/4"	A	WOOD	A	STEEL	F2	2	
117	3'-0" x 7'-0" x 1-3/4"	B	WOOD	A	STEEL	F2	6	
118	3'-0" x 6'-8" x 1-3/4"	A	STEEL	B	STEEL	F4	2	
119	14'-0" x 14'-0" x 3"	E	STEEL					SEE SPECIFICATIONS
120	14'-0" x 14'-0" x 3"	E	STEEL					SEE SPECIFICATIONS
121	14'-0" x 14'-0" x 3"	E	STEEL					SEE SPECIFICATIONS
122	14'-0" x 14'-0" x 3"	E	STEEL					SEE SPECIFICATIONS
123	3'-0" x 6'-8" x 1-3/4"	D	STEEL/CLAD	B	STEEL CLAD	F6	8	
124	10'-0" x 8'-0" x 3"	F	STEEL					SEE SPECIFICATIONS
125	3'-0" x 6'-8" x 1-3/4"	A	STEEL	B	STEEL	F1	8	INSULATED
126	2'-6" x 6'-8" x 1-3/4"	A	STEEL	B	STEEL	F1	3	
127	(2) 3'-0" x 6'-8" x 1-3/4"	A	STEEL	F	STEEL	F3	9	INSULATED, CLOSED EDGES
128	(2) 3'-0" x 6'-8" x 1-3/4"	A	STEEL	F	STEEL	F3	9	INSULATED, CLOSED EDGES



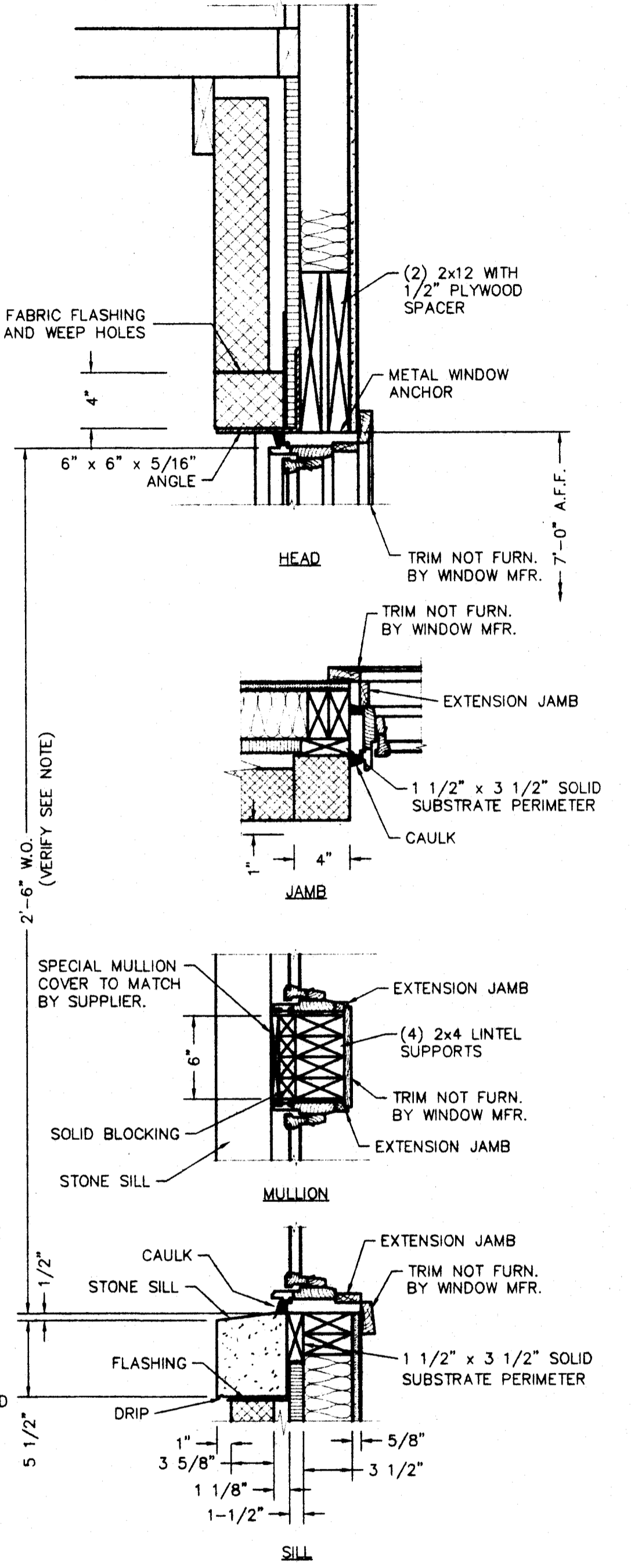
FRAME ELEVATIONS  
SCALE: NONE



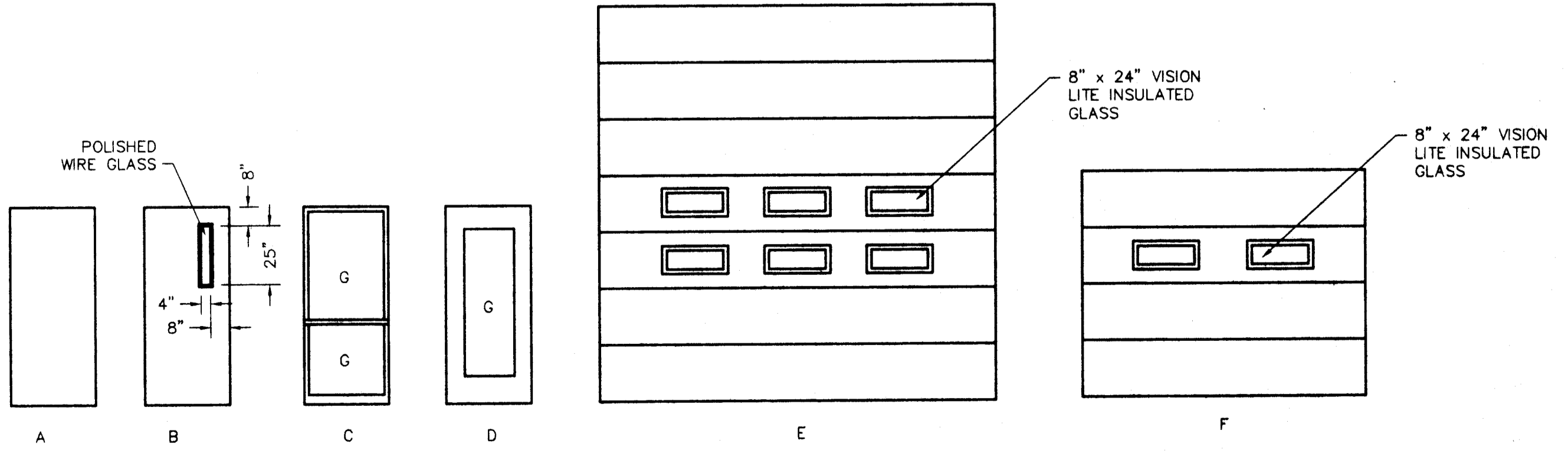
FRAME DETAILS  
SCALE: 1" = 1'-0"



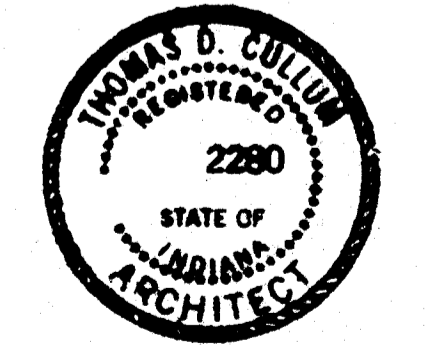
DETAIL WINDOW "B"  
SCALE: 1 1/2" = 1'-0"



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

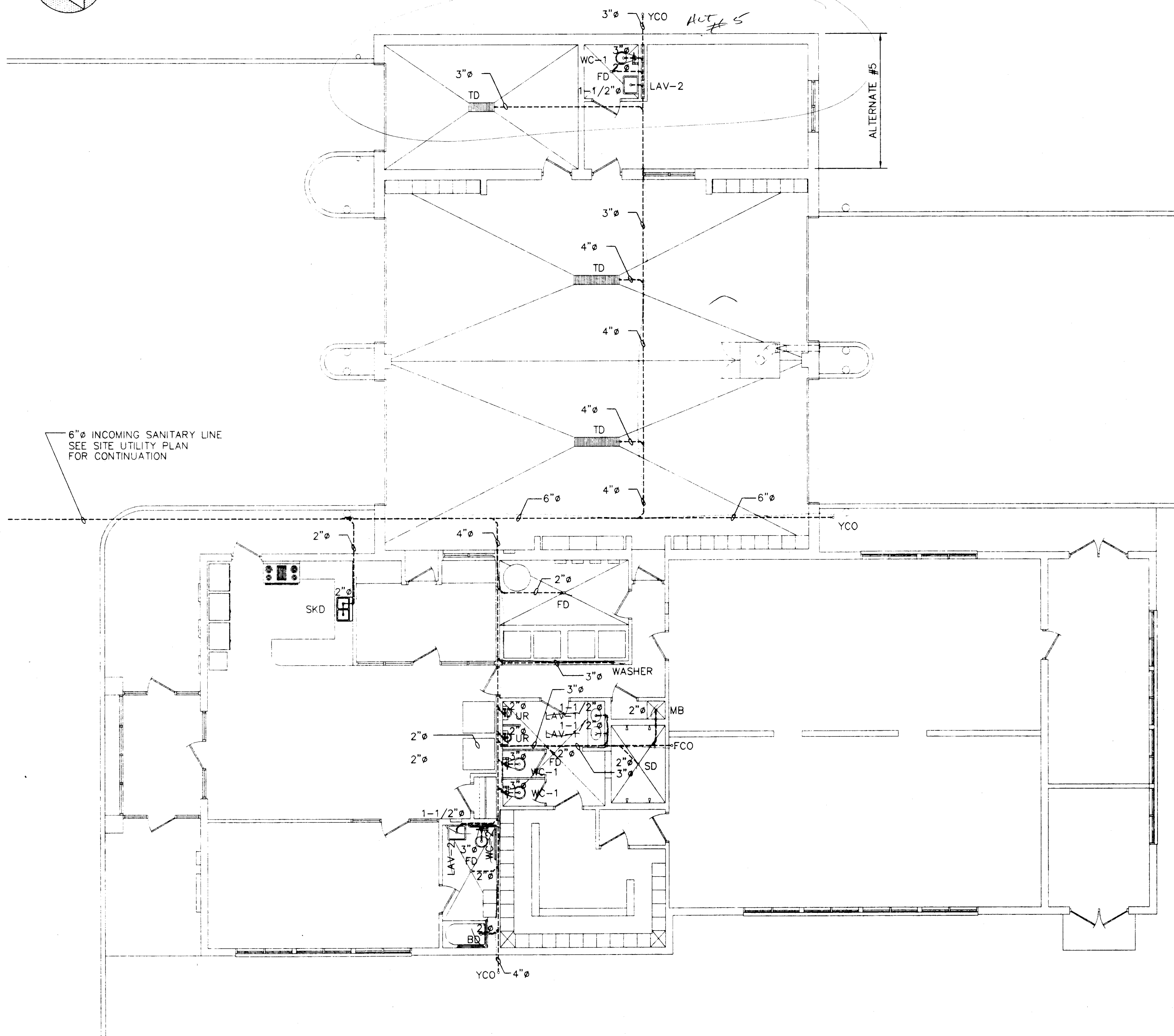
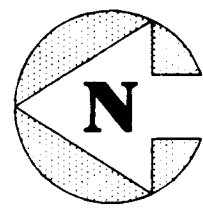


DOOR ELEVATIONS  
SCALE: NONE

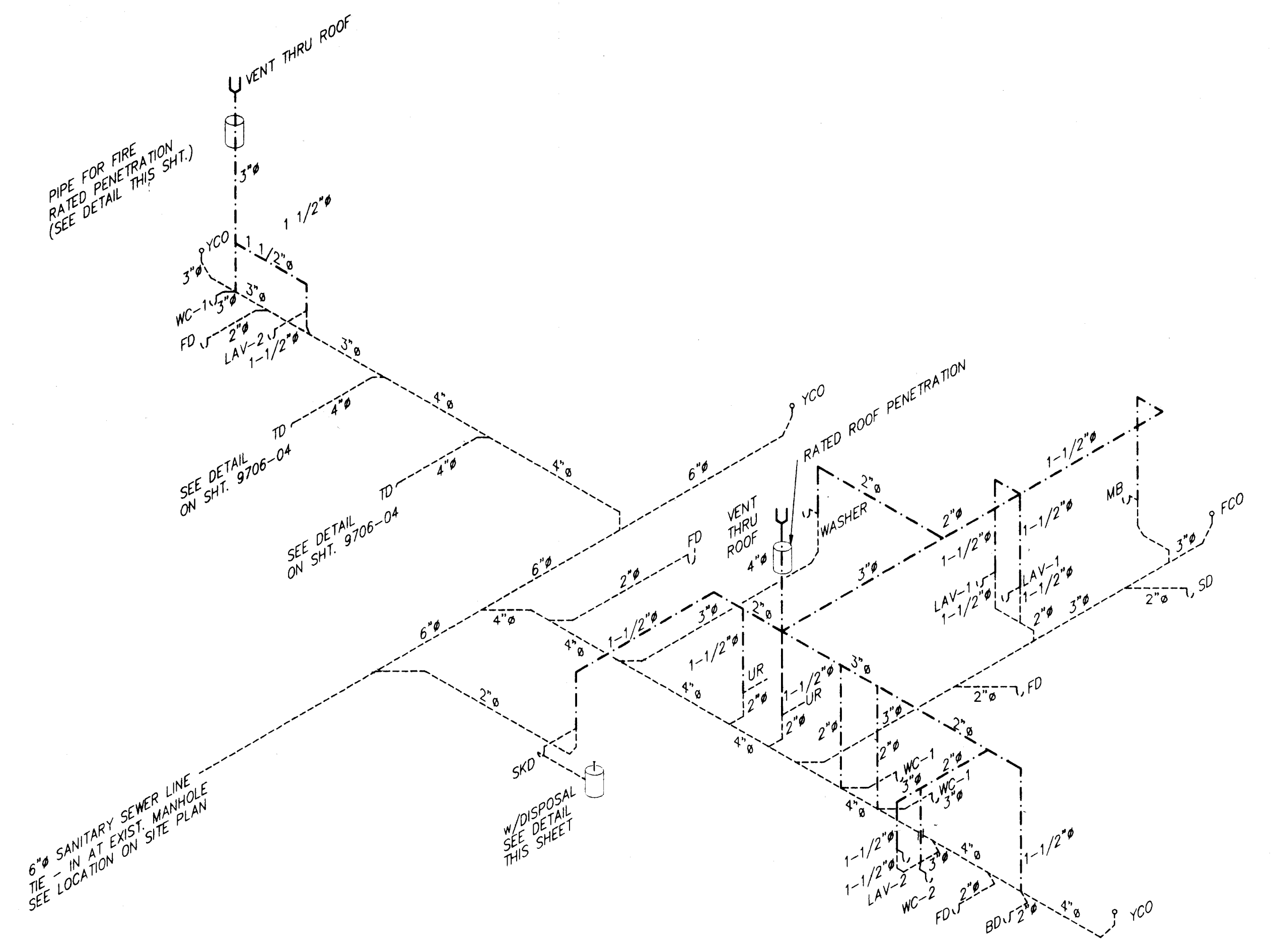


Tom D. Cullen

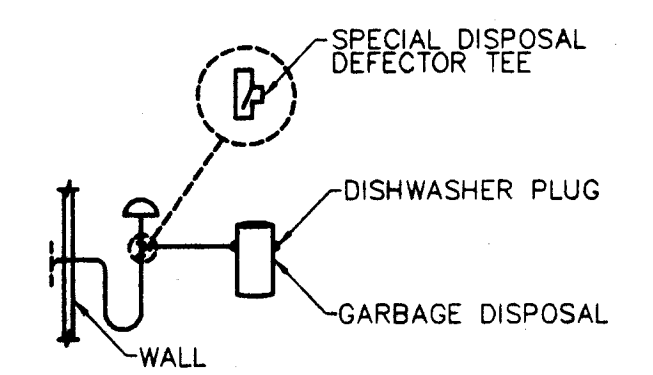
<table border="1"> <tr><td>ISSUED FOR BID</td><td>04/11/97</td><td>TDC</td></tr> <tr><td>DATE</td><td>BY</td><td></td></tr> </table>	ISSUED FOR BID	04/11/97	TDC	DATE	BY		<table border="1"> <tr><td>DRAWN BY</td><td>PAT</td><td>03/97</td></tr> <tr><td>DESIGNED BY</td><td>TDC</td><td>03/97</td></tr> <tr><td>CHECKED BY</td><td>TDC</td><td>04/97</td></tr> <tr><td>APPROVED BY</td><td>SRH</td><td>04/97</td></tr> </table>	DRAWN BY	PAT	03/97	DESIGNED BY	TDC	03/97	CHECKED BY	TDC	04/97	APPROVED BY	SRH	04/97	<table border="1"> <tr><td>PROJECT</td><td>FIRE STATION #16</td></tr> <tr><td>DRAWING TITLE</td><td>SCHEDULES</td></tr> </table>	PROJECT	FIRE STATION #16	DRAWING TITLE	SCHEDULES	<table border="1"> <tr><td>MADE PROJECT No.</td><td>9706</td></tr> <tr><td>SCALE</td><td>AS NOTED</td></tr> </table>	MADE PROJECT No.	9706	SCALE	AS NOTED	<table border="1"> <tr><td>CITY OF EVANSVILLE BOARD OF PUBLIC WORKS</td></tr> </table>	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	<table border="1"> <tr><td>DRAWING NUMBER</td><td>9706-14</td></tr> <tr><td>REVISION</td><td>0</td></tr> </table>	DRAWING NUMBER	9706-14	REVISION	0
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DATE	BY																																			
DRAWN BY	PAT	03/97																																		
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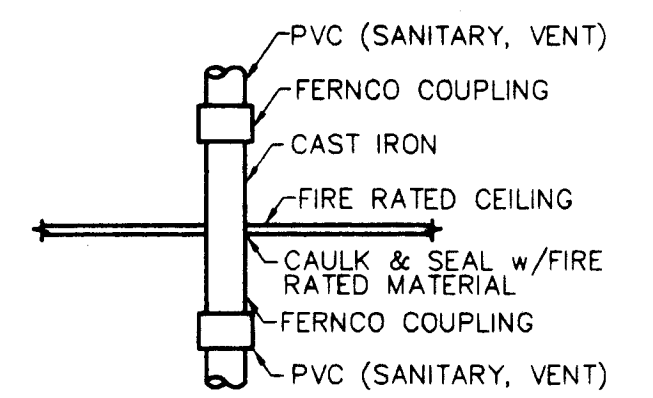
- LEGEND**
- SANITARY SEWER LINE -----  
 VENT LINE - - - - -
- WC-1 - WATER CLOSET  
 LAV-1 - LAVATORY  
 WC-2 - HANDICAPPED WATER CLOSET  
 LAV-2 - HANDICAPPED LAVATORY  
 LAV-3 - DROP-IN LAVATORY  
 UR - URINAL  
 SD - SHOWER DRAIN  
 FD - FLOOR DRAIN  
 TD - TRENCH DRAIN  
 SKD - KITCHEN SINK DRAIN  
 YCO - YARD CLEAN OUT  
 MB - MOP BASIN  
 FCO - FLOOR CLEAN OUT  
 BD - BATHTUB DRAIN



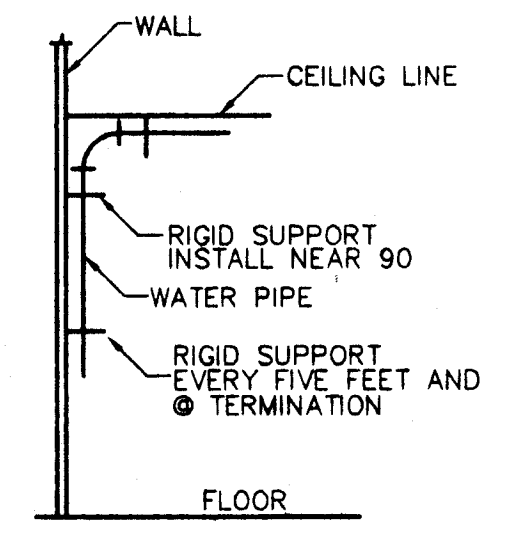
SANITARY PIPING ISOMETRIC



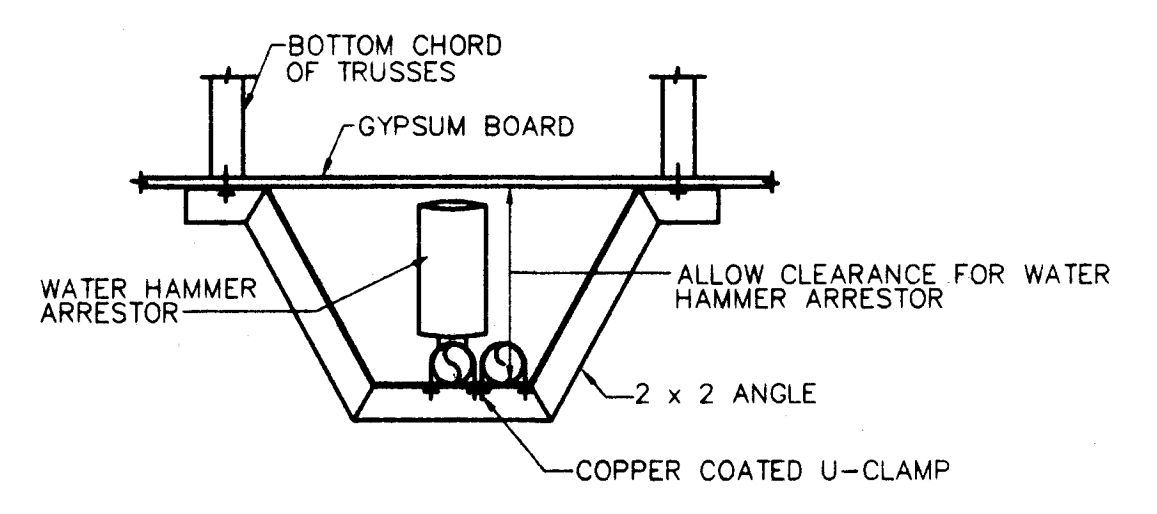
GARBAGE DISPOSAL DETAIL  
 SCALE: NONE



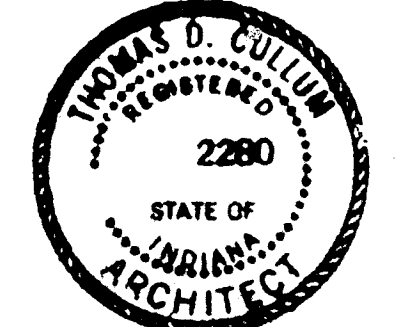
FIRE RATED PENETRATION DETAIL  
 SCALE: NONE



APPARATUS ROOM VERTICAL PIPE SUPPORT DETAIL  
 SCALE: NONE



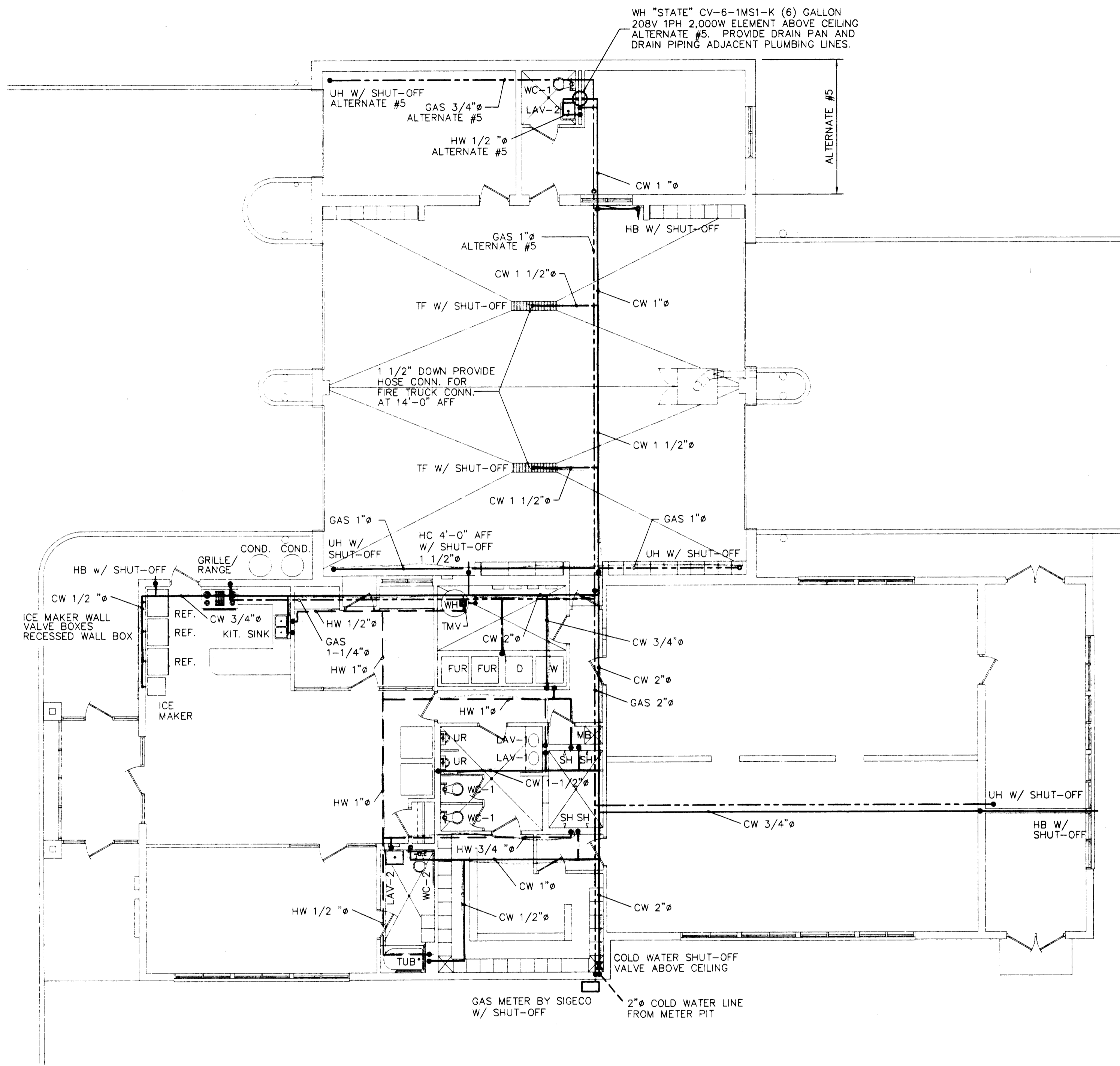
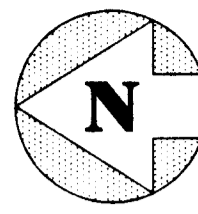
APPARATUS ROOM PIPE HANGING / DETAIL



*Tom Cullum*

<table border="1"> <tr> <td>ISSUED FOR BID</td> <td>4/11/97</td> <td>TDC</td> </tr> <tr> <td>REV.</td> <td>DESCRIPTION</td> <td>DATE BY</td> </tr> </table>	ISSUED FOR BID	4/11/97	TDC	REV.	DESCRIPTION	DATE BY	<table border="1"> <tr> <td>DRAWN BY</td> <td>TLJ</td> <td>03/97</td> </tr> <tr> <td>CHECKED BY</td> <td>TDC</td> <td>03/97</td> </tr> <tr> <td>APPROVED BY</td> <td>SRH</td> <td>04/97</td> </tr> </table>	DRAWN BY	TLJ	03/97	CHECKED BY	TDC	03/97	APPROVED BY	SRH	04/97	<table border="1"> <tr> <td>PROJECT</td> <td>FIRE STATION #16</td> </tr> <tr> <td>DRAWING TITLE</td> <td>SANITARY PIPING PLAN</td> </tr> </table>	PROJECT	FIRE STATION #16	DRAWING TITLE	SANITARY PIPING PLAN	<table border="1"> <tr> <td>MADI PROJECT No.</td> <td>9706</td> <td>SCALE</td> <td>1/8" = 1'-0"</td> </tr> <tr> <td colspan="2">CITY OF EVANSVILLE</td> <td colspan="2">BOARD OF PUBLIC WORKS</td> </tr> </table>	MADI PROJECT No.	9706	SCALE	1/8" = 1'-0"	CITY OF EVANSVILLE		BOARD OF PUBLIC WORKS		<table border="1"> <tr> <td colspan="2"><b>MID AMERICA DESIGN, INC.</b> Engineering &amp; Architectural Services</td> </tr> <tr> <td>DRAWING NUMBER</td> <td>9706-15</td> </tr> <tr> <td>REVISION</td> <td>0</td> </tr> </table>	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services		DRAWING NUMBER	9706-15	REVISION	0
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REV.	DESCRIPTION	DATE BY																																			
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MADI PROJECT No.	9706	SCALE	1/8" = 1'-0"																																		
CITY OF EVANSVILLE		BOARD OF PUBLIC WORKS																																			
<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services																																					
DRAWING NUMBER	9706-15																																				
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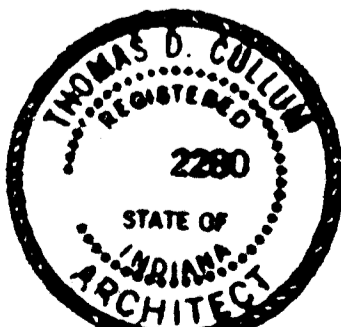
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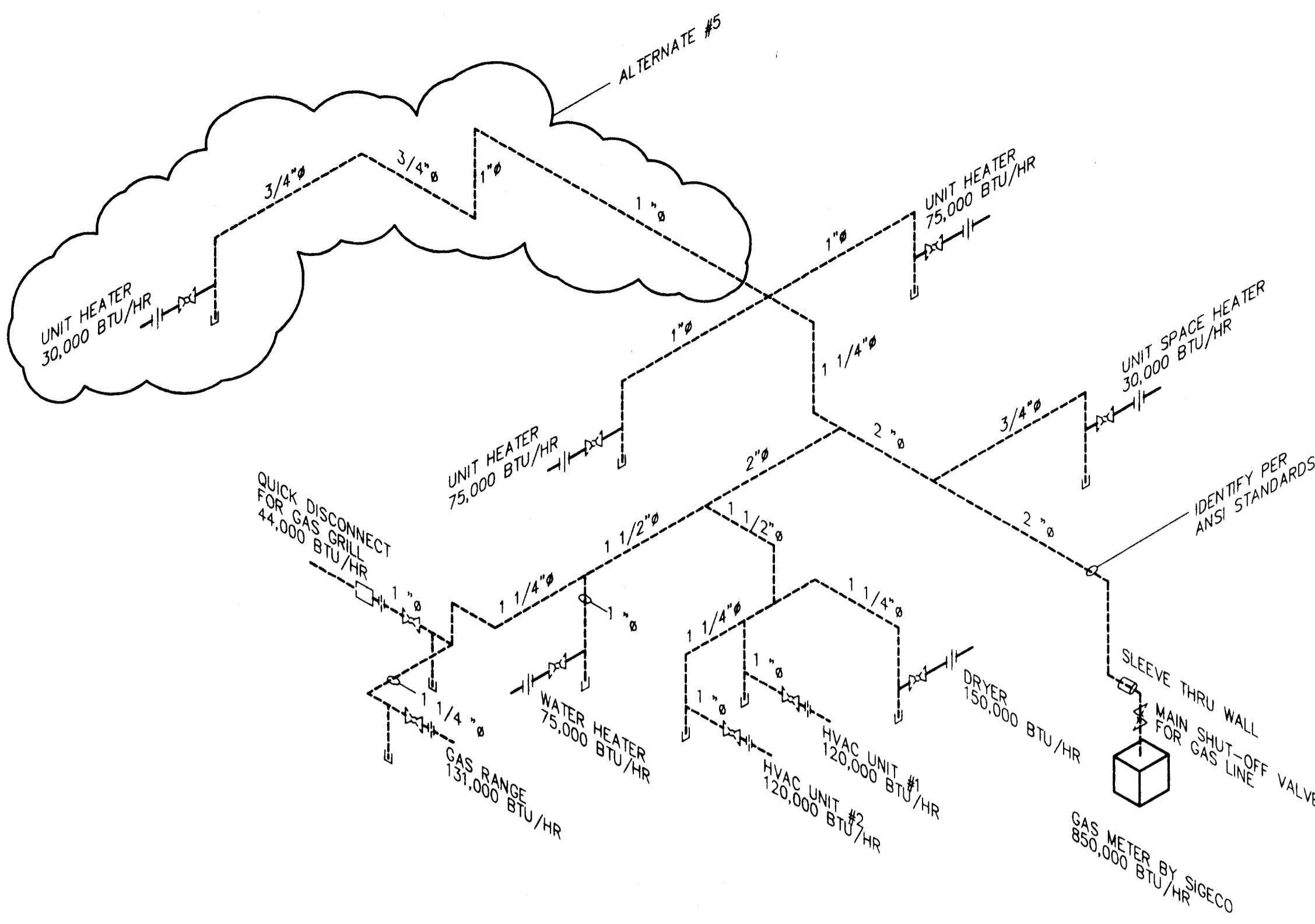
**LEGEND**

- GAS LINE -----
- COLD WATER -----
- HOT WATER -----

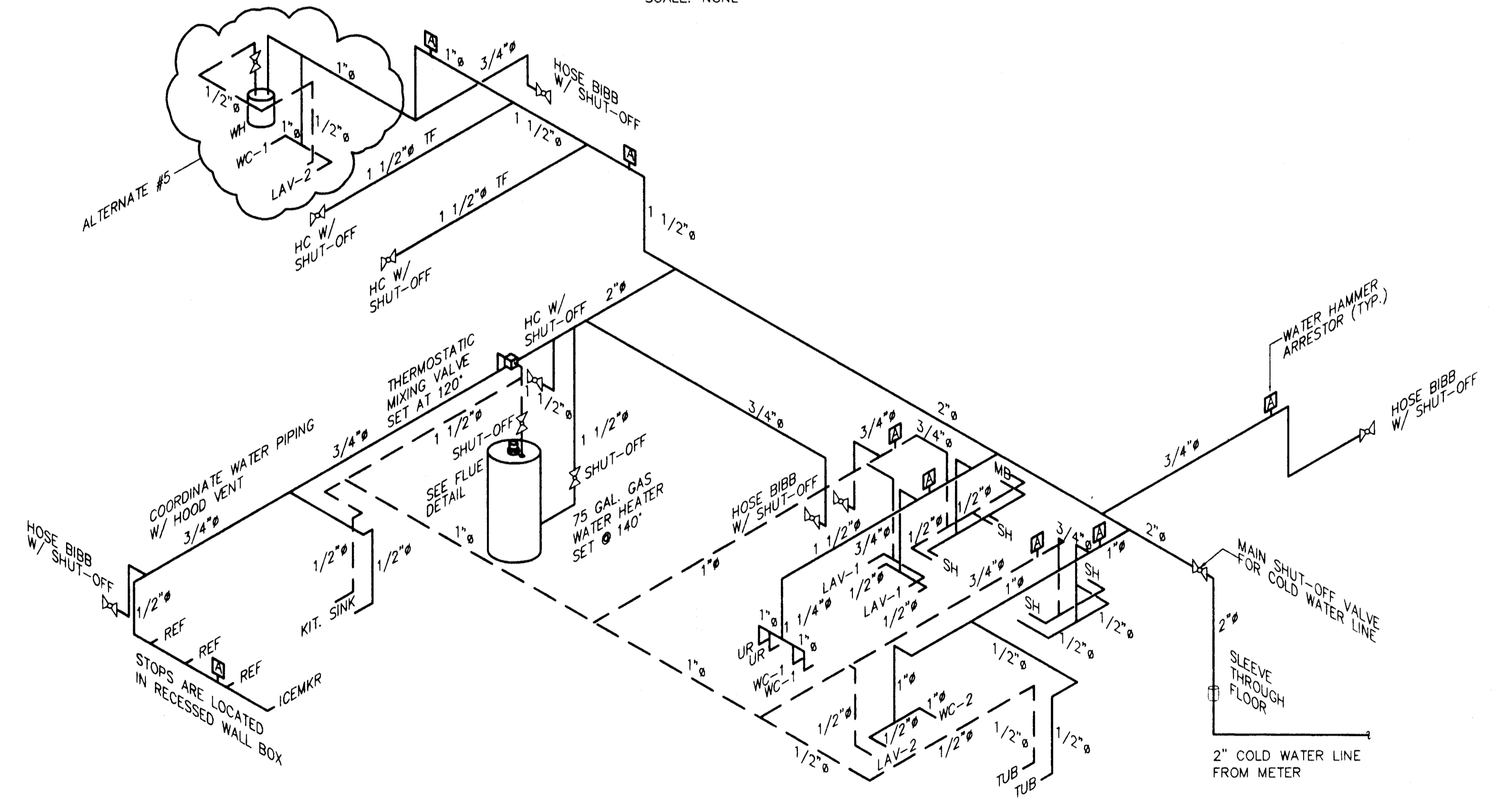
- WH - WATER HEATER
- W - WASHER
- D - DRYER
- FUR - FURNACE
- SH - SHOWER
- HB - HOSE BIB
- WC - WATER CLOSET
- LAV - LAVATORY
- HD - HOSE DRYER
- TF - TRUCK FILL
- REF - REFRIGERATOR
- TMV - THERMOSTATIC MIXING VALVE
- COND - CONDENSING UNIT
- TF - TRUCK FILL
- HC - HOSE CONNECTION (NST THREADS)
- MB - MOP BASIN
- UH - UNIT HEATER



*Handwritten signature: T.D. Cutler*



RUN GAS PIPING IN ATTIC SPACE WHERE POSSIBLE  
**GAS PIPING ISOMETRIC**  
 SCALE: NONE

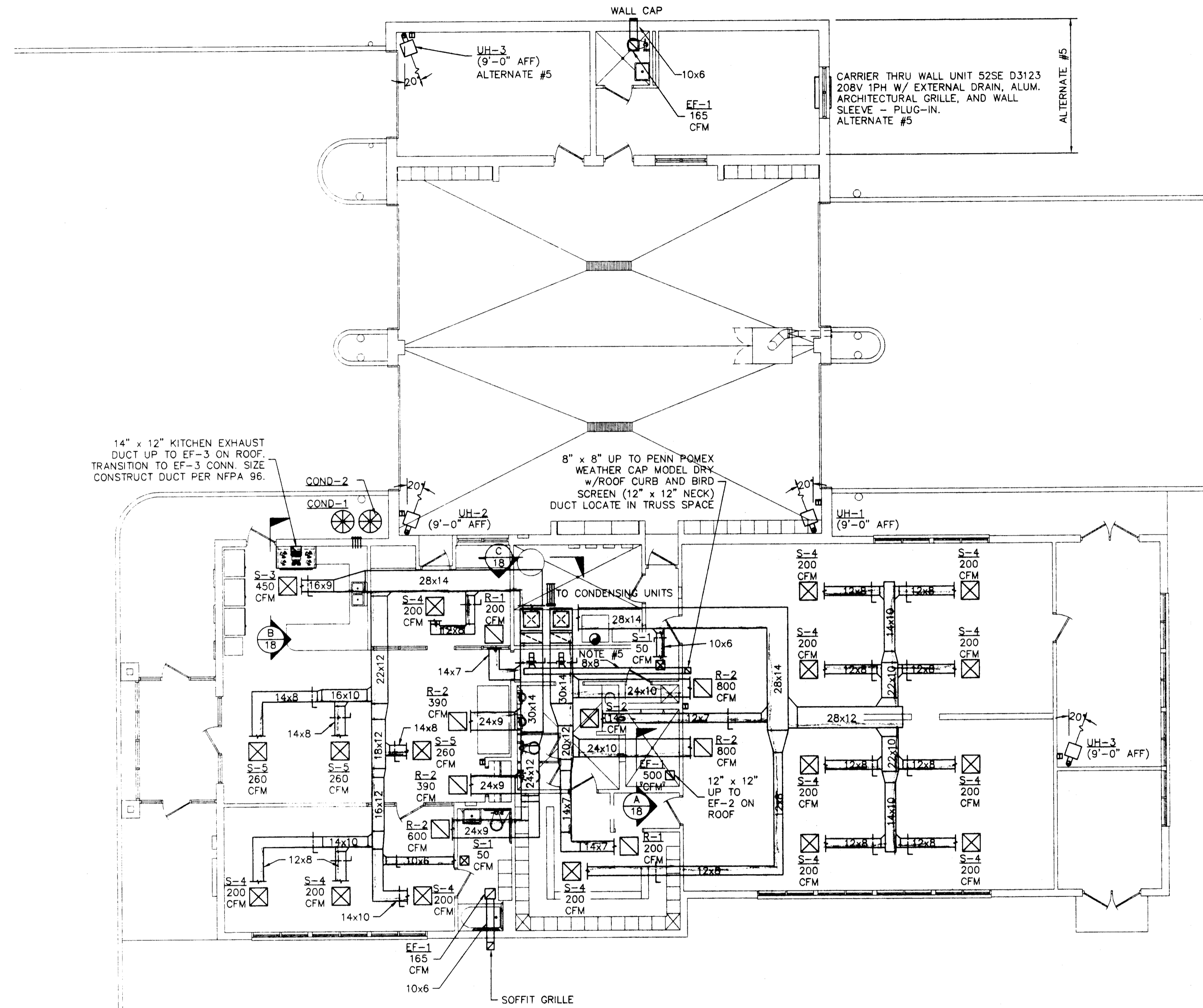
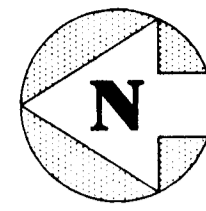


RUN WATER PIPING BETWEEN BOTTOM OF TRUSSES & DROPPED CEILING  
**HOT & COLD WATER PIPING ISOMETRIC**  
 SCALE: NONE

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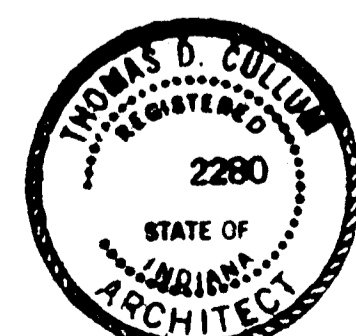
REVISION NO. DESCRIPTION DATE BY	DRAWN BY T.J.J. 03/97 DESIGNED BY TDC 03/97 CHECKED BY TDC 04/97 APPROVED BY SRH 04/97	PROJECT FIRE STATION #16 DRAWING TITLE WATER PIPING PLAN & GAS PIPING PLAN	MADE PROJECT No. 9706 SCALE 1/8" = 1'-0"	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services CITY OF EVANSVILLE BOARD OF PUBLIC WORKS DRAWING NUMBER 9706-16 REVISION 0
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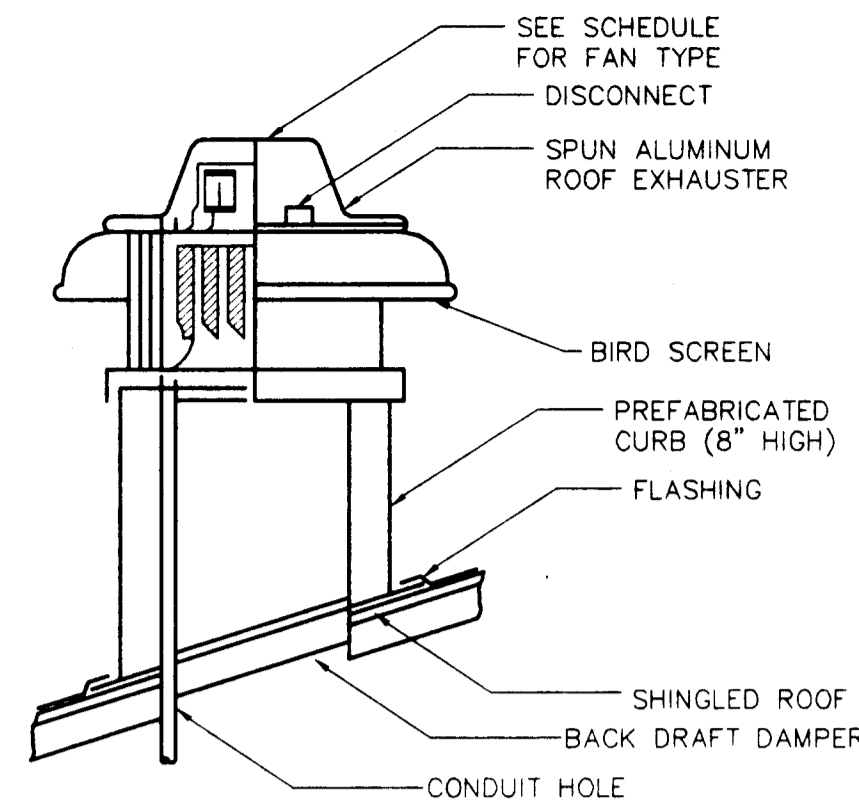
**NOTES:**

1. ALL DUCTWORK SHALL BE INTERNALLY LINED WITH 1" INSULATION. DUCT SIZES SHOWN ARE INSIDE NET DIMENSIONS.
2. AHU-1 FURNACE VENTS SHALL BE SCHEDULE 40 DWV PVC. INSTALL STAINLESS STEEL SLEEVES AT FIRE RATED CEILING PENETRATIONS. FLASH IN ROOF PENETRATIONS PER ROOF MANUFACTURER'S INSTRUCTIONS.
3. UNIT HEATER FLUES SHALL BE 5"Ø TYPE "B" GAS VENT. FLASH INTO ROOF PER MANUFACTURER'S STANDARDS. FLUE HEIGHT SHALL BE PER NFPA 211.
4. ALL DUCTWORK TO BE RUN ABOVE CEILING AND BELOW BOTTOM OF TRUSSES UNLESS NOTED OTHERWISE.
5. 8" DIA. DRYER VENT THRU ROOF. PROVIDE AND INSTALL FLASHING, COUNTERFLASHING, GOOSENECK, & BIRD SCREEN.
6. MOUNT THERMOSTATS 5'-0" AFF.
7. RUN REFRIGERANT LINES IN ATTIC SPACE.

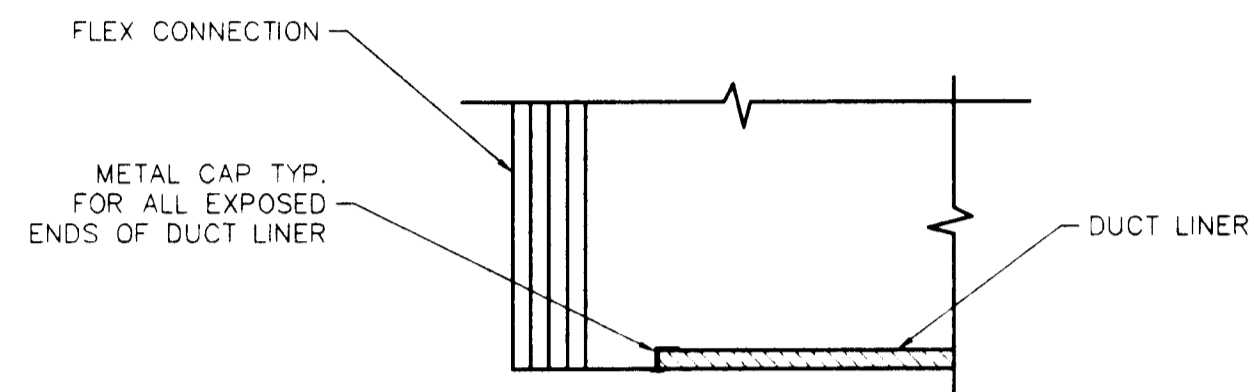


*T.D. Cullen*

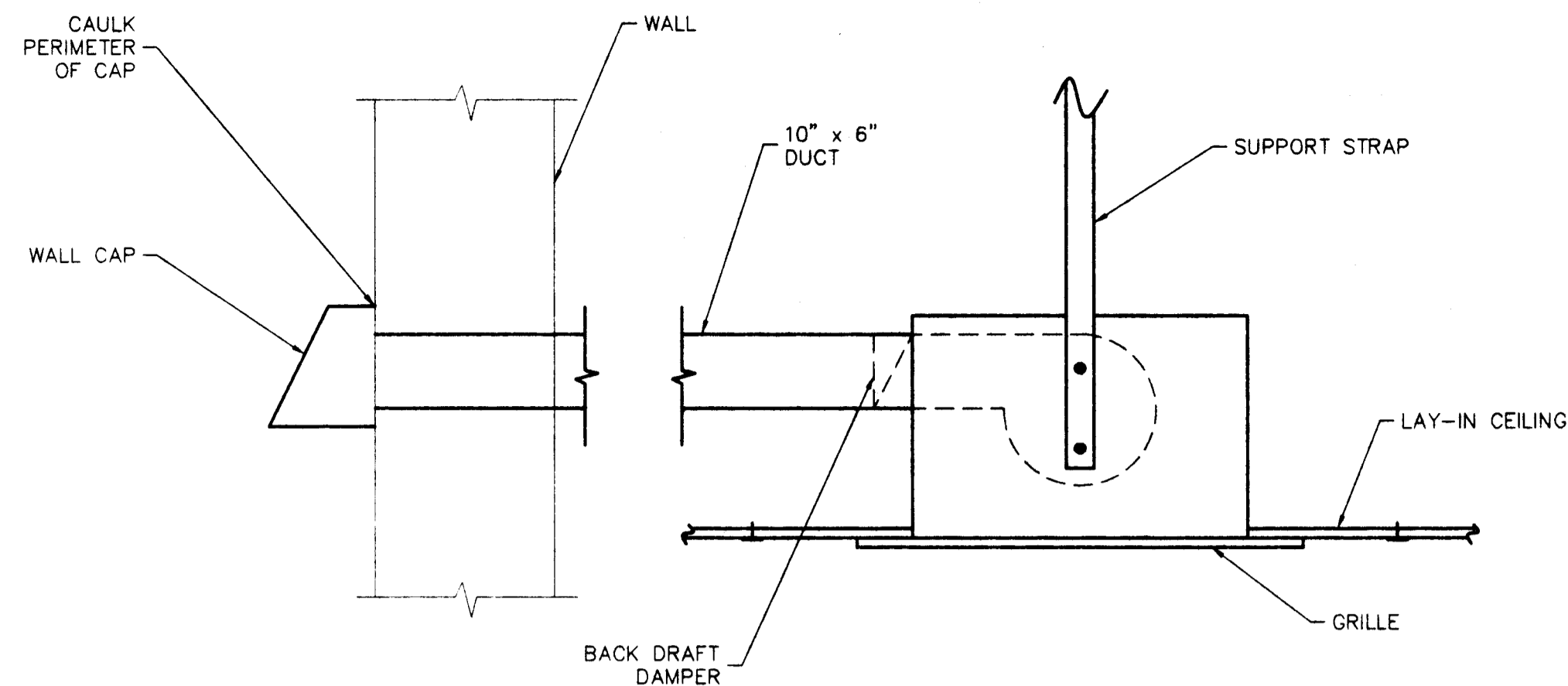
<table border="1"> <tr> <td>ISSUED FOR BID</td> <td>04/11/97</td> <td>TDC</td> </tr> <tr> <td>REV.</td> <td>DESCRIPTION</td> <td>DATE</td> </tr> </table>	ISSUED FOR BID	04/11/97	TDC	REV.	DESCRIPTION	DATE	<table border="1"> <tr> <td>DRAWN BY</td> <td>BAM</td> <td>03/97</td> </tr> <tr> <td>CHECKED BY</td> <td>TDC</td> <td>03/97</td> </tr> <tr> <td>APPROVED BY</td> <td>SRH</td> <td>04/97</td> </tr> </table>	DRAWN BY	BAM	03/97	CHECKED BY	TDC	03/97	APPROVED BY	SRH	04/97	<table border="1"> <tr> <td>PROJECT</td> <td>FIRE STATION #16</td> </tr> <tr> <td>DRAWING TITLE</td> <td>MECHANICAL PLAN</td> </tr> </table>	PROJECT	FIRE STATION #16	DRAWING TITLE	MECHANICAL PLAN	<table border="1"> <tr> <td>MADI PROJECT No.</td> <td>9706</td> </tr> <tr> <td>SCALE</td> <td>1/8" = 1'-0"</td> </tr> </table>	MADI PROJECT No.	9706	SCALE	1/8" = 1'-0"	<table border="1"> <tr> <td colspan="2"> <b>MID AMERICA DESIGN, INC.</b>            Engineering &amp; Architectural Services         </td> </tr> <tr> <td>DRAWING NUMBER</td> <td>9706-17</td> </tr> <tr> <td>REVISION</td> <td>0</td> </tr> </table>	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services		DRAWING NUMBER	9706-17	REVISION	0
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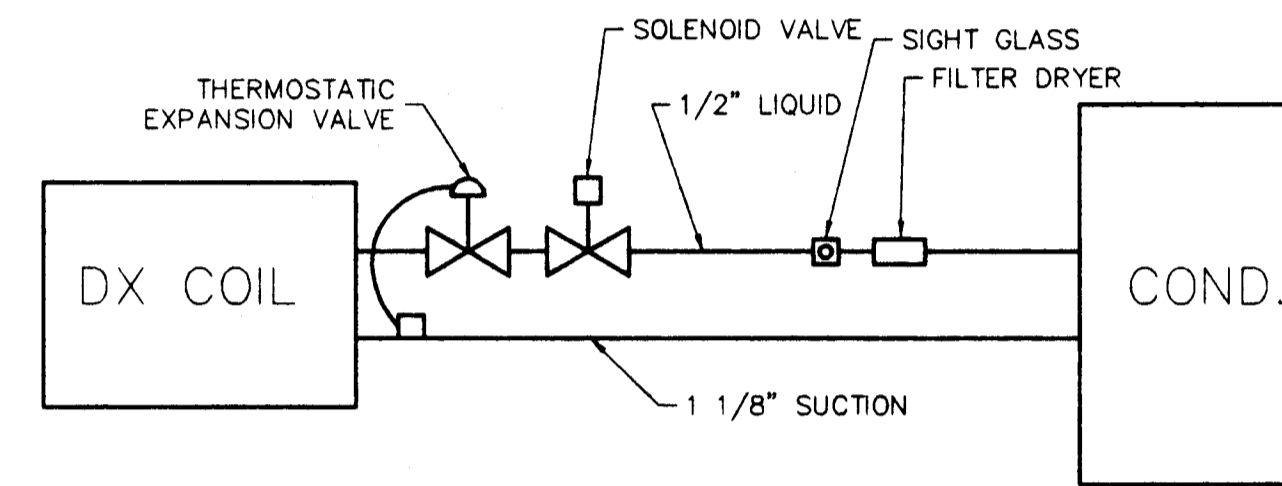
ROOF EXHAUSTER DETAIL  
SCALE: NONE



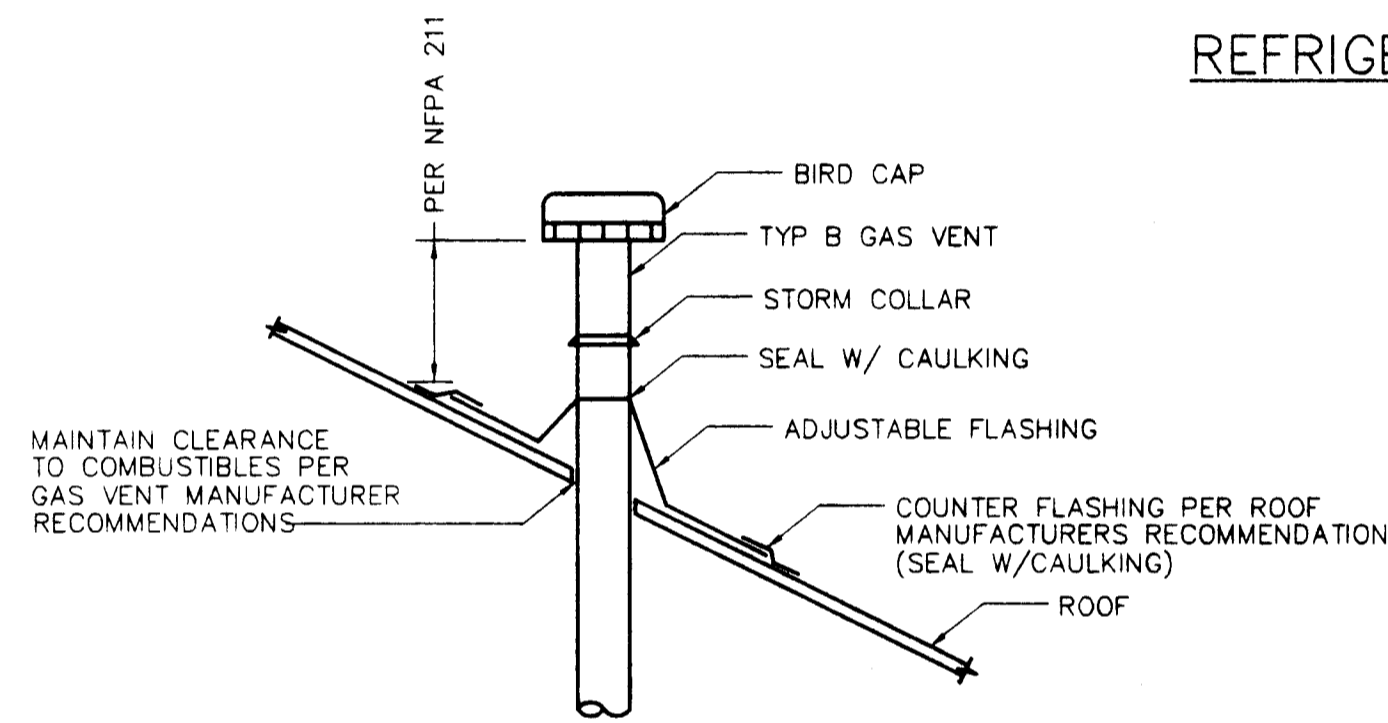
DUCT LINER METAL CAP DETAIL  
SCALE: NONE



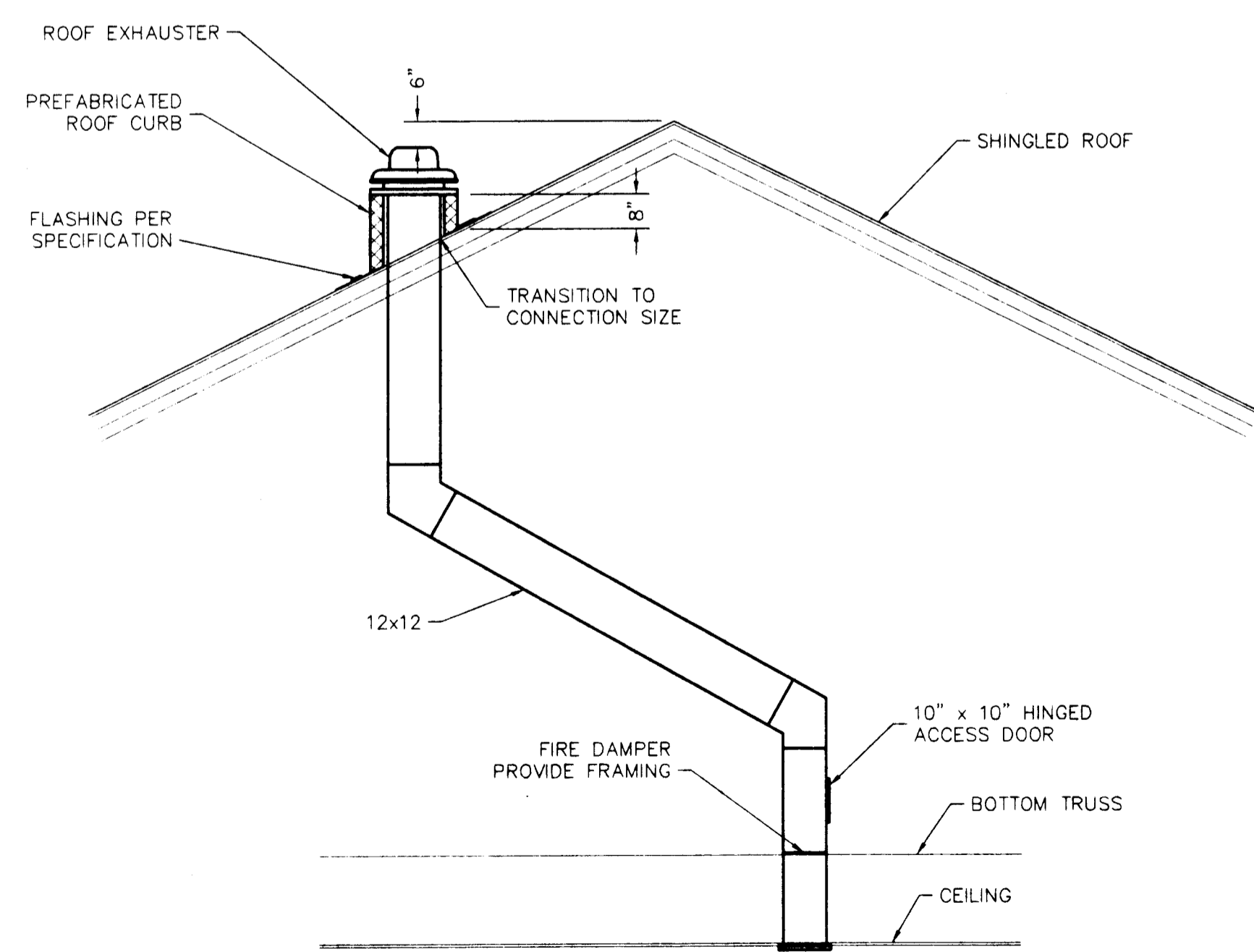
IN-LINE CEILING EXHAUST FAN DETAIL  
SCALE: NONE



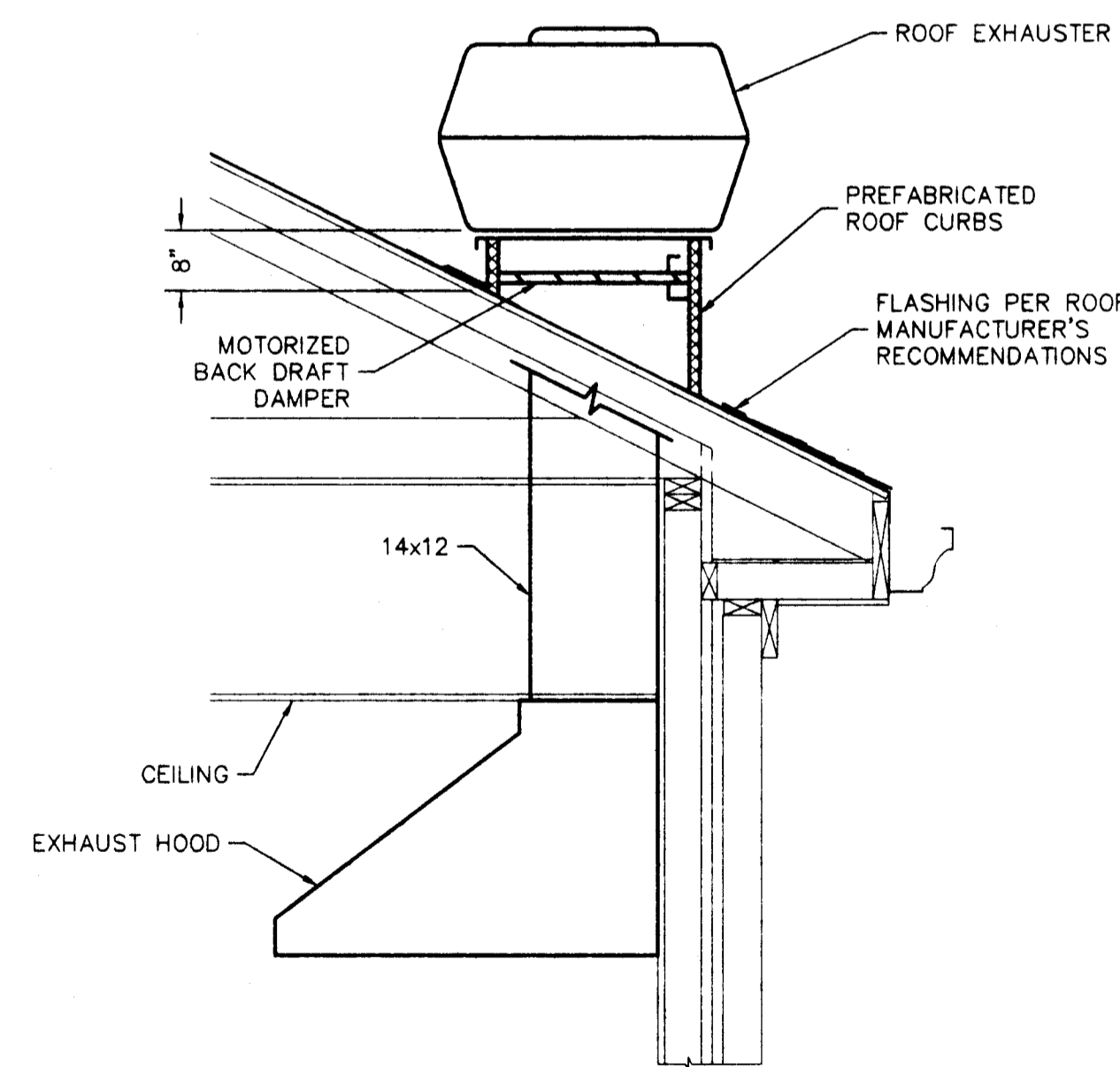
REFRIGERANT DIAGRAM  
SCALE: NONE



FLUE PIPE DETAIL  
SCALE: NONE



SECTION A  
SCALE: NONE



SECTION B  
SCALE: NONE

DIFFUSER & RETURN SCHEDULE											
ITEM	MANUFACTURER	MODEL	TYPE	CFM	FACE SIZE	CONN. SIZE	ΔP STATIC	NC	THROW 150-50	MOUNT	
S-1	BARBER COLEMAN	SASV	LOUVER	50	12 x 12	5"φ	0.01	L20	3-5	SURFACE	
S-2	BARBER COLEMAN	SASV	LOUVER	150	24 x 24	8"φ	0.01	L20	3-6	SURFACE	
S-3	BARBER COLEMAN	SASV	LOUVER	450	24 x 24	14"φ	0.03	L20	6-10	SURFACE	
S-4	BARBER COLEMAN	SASV	LOUVER	200	24 x 24	8"φ	0.01	L20	4-7	LAY-IN	
S-5	BARBER COLEMAN	SASV	LOUVER	250	24 x 24	10"φ	0.04	L20		LAY-IN	
R-1	BARBER COLEMAN	SASV	LOUVER	200	24 x 24	12 x 12	0.01	L20		LAY-IN	
R-2	BARBER COLEMAN	SASV	LOUVER	800	24 x 24	22 x 22	0.01	L20		LAY-IN	
E-1	BARBER COLEMAN	SASV	LOUVER	500	24 x 24	22 x 22	0.01	L20		SURFACE	

ALL GRILLE AND DIFFUSERS SHALL BE ALUMINUM w/ OFF-WHITE FINISH

EXHAUST FAN SCHEDULE									
ITEM	MANUFACTURER	MODEL	TYPE	CFM	STATIC	MAX RPM	ELECTRIC CHAR.	COMMENTS	
EF-1	PENN	Z-8	CEILING	165	0.250	1050	115V, 105 WATTS	FURNISH w/ SOFFIT GRILLE	
EF-2	PENN	AT20	ROOF	500	0.375	1075	115V, 1/12 HP	FURNISH w/ ELECTRIC DISCONNECT, BIRD SCREEN, ROOF CURB AND BACK DRAFT DAMPER	
EF-3	PENN	FMX 14 B V-BELT ADJ	ROOF KITCHEN	1500	0.50	980	115V, 1/2 HP	FURNISH w/ ELECTRIC DISCONNECT, BIRD SCREEN, ROOF CURB, MOTORIZED BACK DRAFT DAMPER & ADJUST SHEAVES	
EF-4	PENN	RAF-6	ROOF	1310	0.03		110V	15 1/2" THROAT, ALUMINUM HOUSING, ALUMINUM BRIDSCREEN, THERMOSTAT SET AT 95° F	

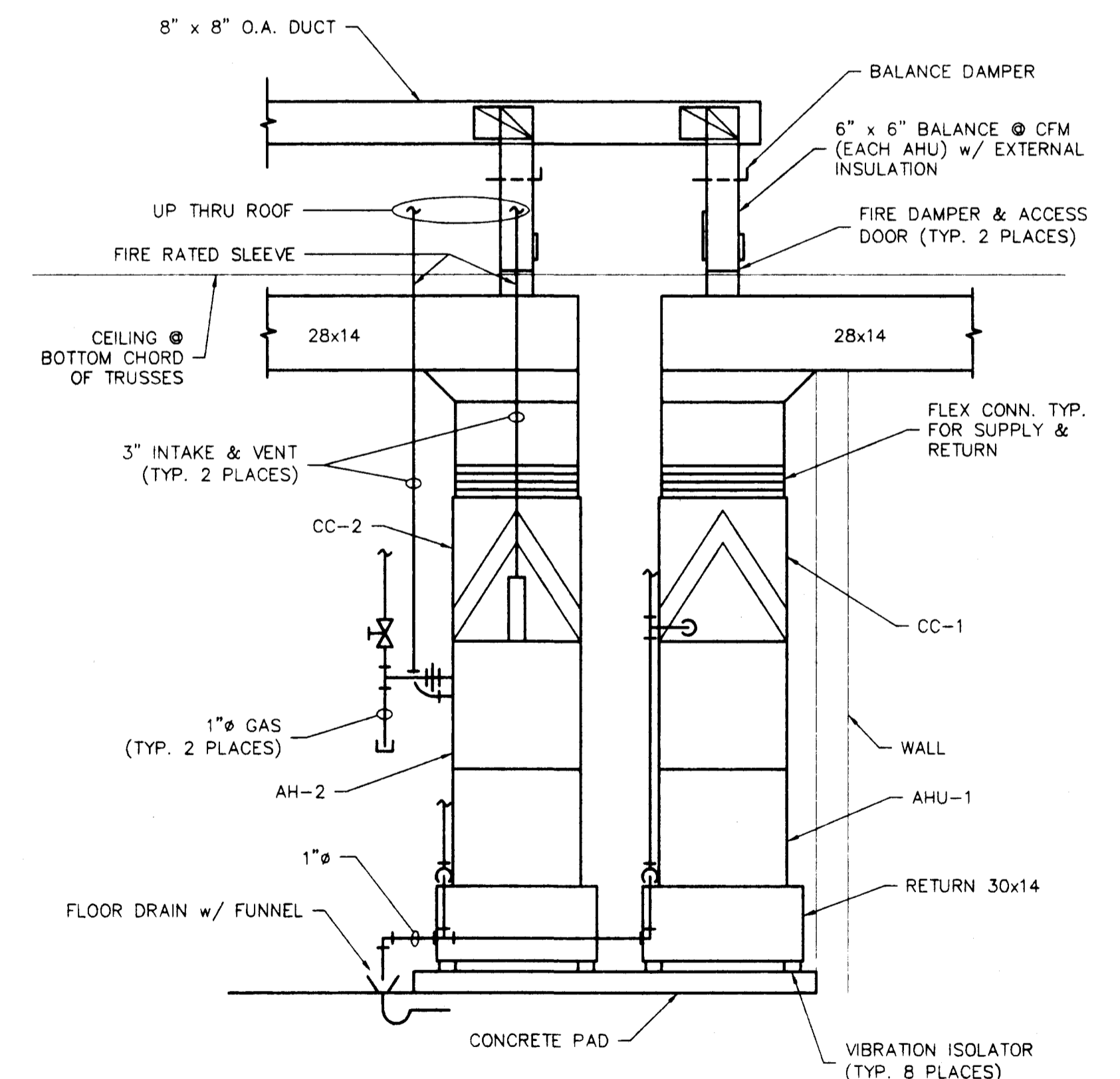
- 1.) ROOF CURBS SHALL BE COORDINATED w/ ROOF MANUFACTURER
- 2.) EF-3 SHALL MEET UL 762

UNIT HEATER SCHEDULE							
ITEM	MANUFACTURER	MODEL	INPUT	OUTPUT	CFM	HP	ELECTRICAL
UH-1, 2	REZNOR	XL-75	75 MBH	60.75 MBH	850	1/40	110V
UH-3	REZNOR	FT 30	30 MBH	24.3 MBH	850	1/40	110V

- 1.) FURNISH w/ WALL MOUNT T-STAT
- 2.) INSTALL CONTROL WIRING IN CONDUIT
- 3.) FURNISH w/ SPARK IGNITION
- 4.) FURNISH w/ VERTICAL LOUVERS
- 5.) FURNISH w/ STAINLESS STEEL HEAT EXCHANGERS

CONDENSING UNIT/AHU SCHEDULE										
ITEM	MANUFACTURER	MODEL	TYPE	CFM	EXT STATIC	COOL CAP	EER	HEAT CAP	EFF	ELECTRIC CHAR.
COND-1 & 2	CARRIER	38BR3048	DX			49.8 MBH	10.0			230V, 1φ
AHU-1&2	CARRIER	58MXA120-130CC	FURNACE/CONDENSING	2000	0.30			122 MBH	92.2%	1/2 HP 110V, 1φ
CC-1&2	CARRIER	CD5AXA060	DX	2000		49.8 MBH	10.0			

- 1.) FURNISH w/ LIQUID LINE SOLENOID
- 2.) FURNISH w/ T-STAT (FAN: AUTO/ON, HEAT-OFF-COOL) "HONEYWELL" #T7300 w/ Q7300B1008 SUBBASE. T-STAT SHALL HAVE PROPORTIONAL & INTEGRAL CONTROL.
- 3.) SEE REFRIGERANT DIAGRAM
- 4.) FURNISH w/ FURNACE VENT TERMINATION KITS (3"φ)



SECTION C  
SCALE: NONE



*Tom D. Cullen*

DRAWN BY: BAM 03/97 DESIGNED BY: TDC 03/97 CHECKED BY: TDC 04/97 APPROVED BY: SRH 04/97	PROJECT: FIRE STATION #16 DRAWING TITLE: HVAC SCHEDULES & DETAILS	MADE PROJECT No.: 9706 SCALE: AS NOTED	<b>MID AMERICA DESIGN, INC.</b> Engineering & Architectural Services
ISSUED FOR BID: 04/11/97 TDC REV. DESCRIPTION DATE BY	THIS DOCUMENT IS CONFIDENTIAL. NONE OF IT, INCLUDING THE DATA HEREIN, IS TO BE REPRODUCED, CHANGED, OR PROVIDED TO ANY THIRD PARTY WITHOUT EXPLICIT CONSENT FROM Mid America Design, Inc.	CITY OF EVANSVILLE BOARD OF PUBLIC WORKS	DRAWING NUMBER: 9706-18 REVISION: 0