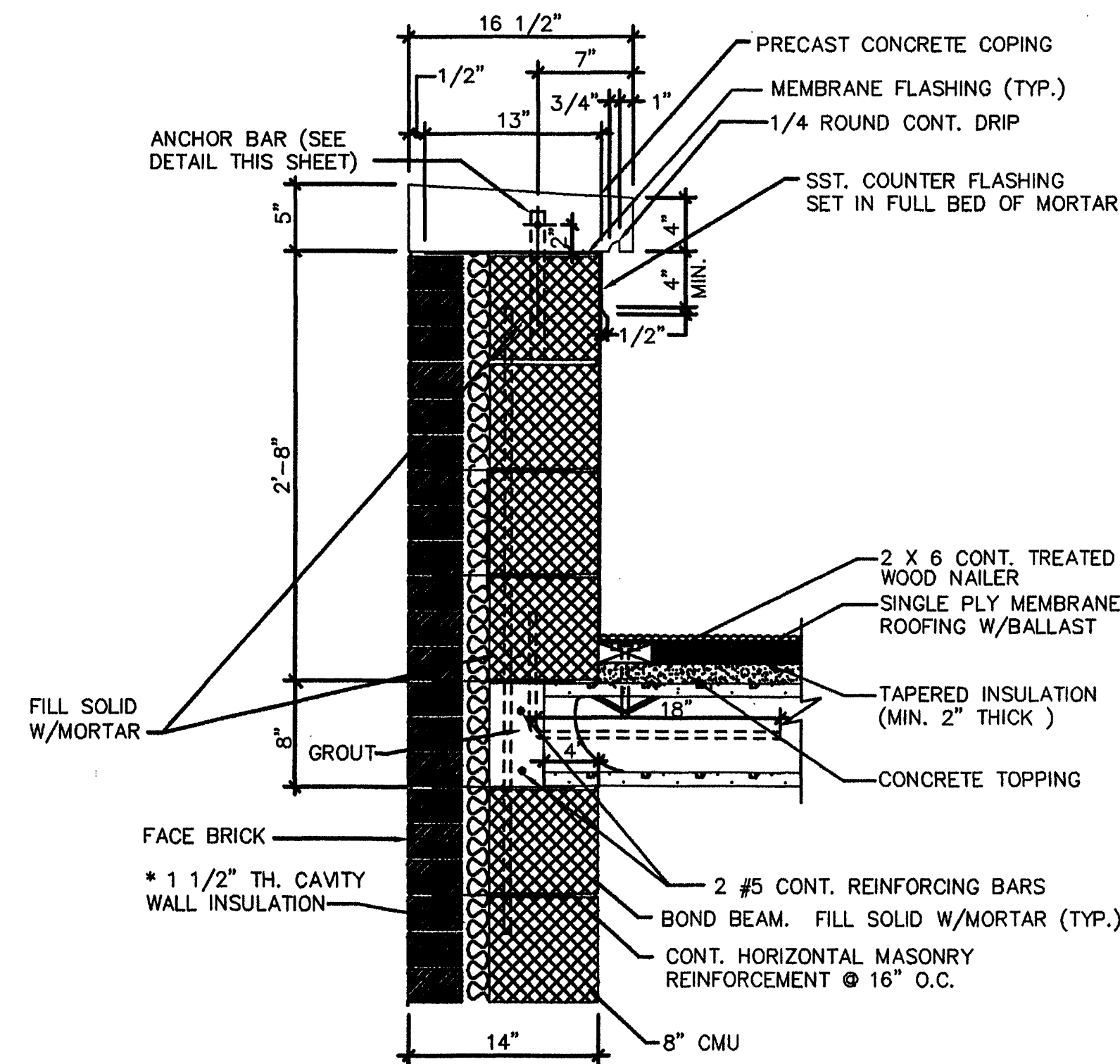
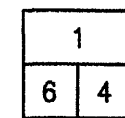


NOTE: BITUMINOUS DAMPPROOFING FOR CAVITY WALL SHALL BE APPLIED AT A UNIFORM RATE OF 1.0 GALLON PER 12 SQUARE FEET TO PRODUCE A UNIFORM DRY FILM NOT LESS THAN 1/16-INCH THICK. PRIME SUBSTRATE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DAMPPROOFING SHALL BE KARNAK 86, AS MANUFACTURED BY THE KARNAK CORPORATION, OR APPROVED EQUAL.

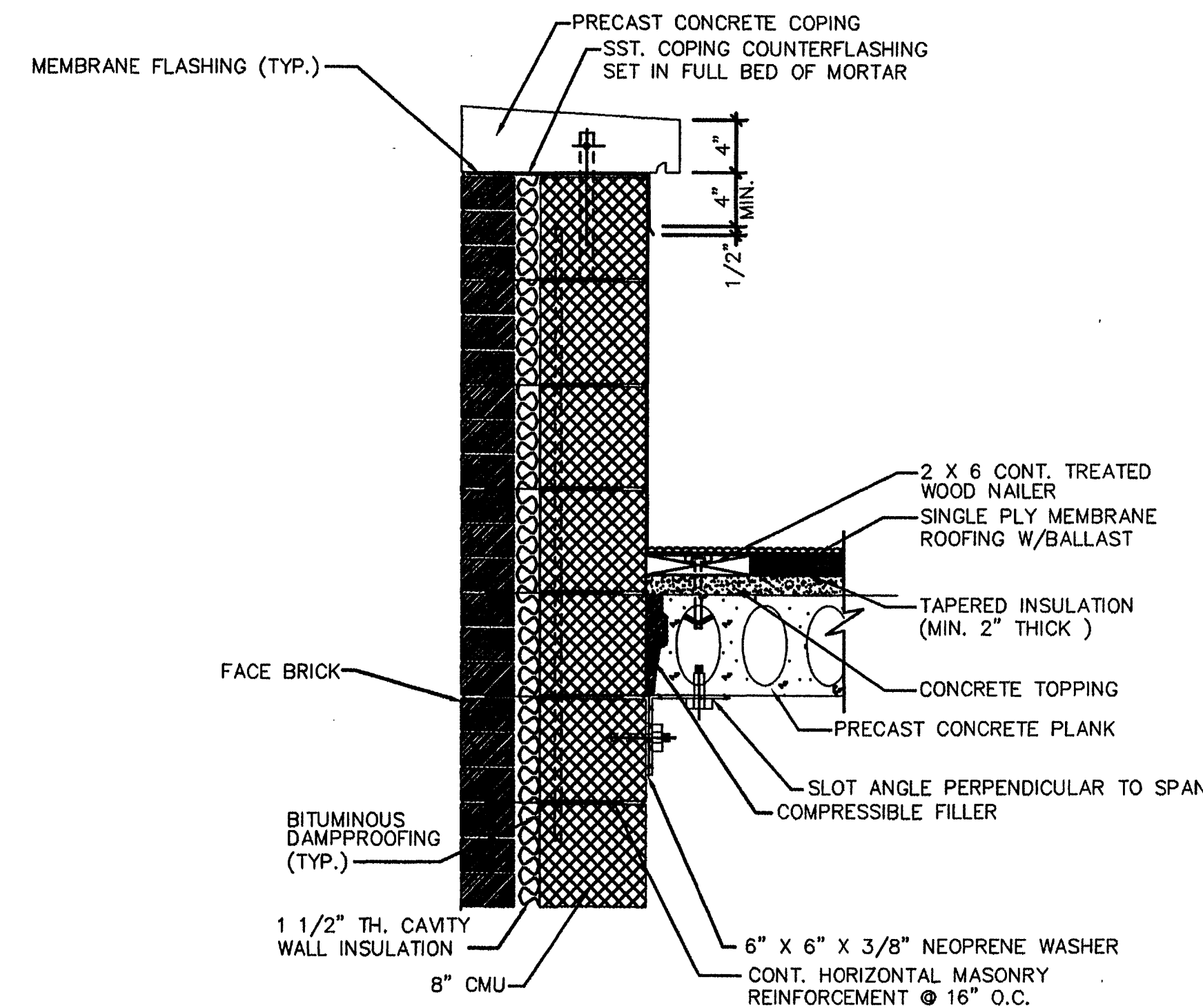


\* 1 1/2" THICK CAVITY WALL INSULATION SHALL EXTEND UP TO THE 'GROUT SPACE' ELEVATION NOTE SHOWN ON SHEET S-16.

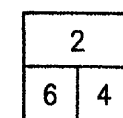
DETAIL 1



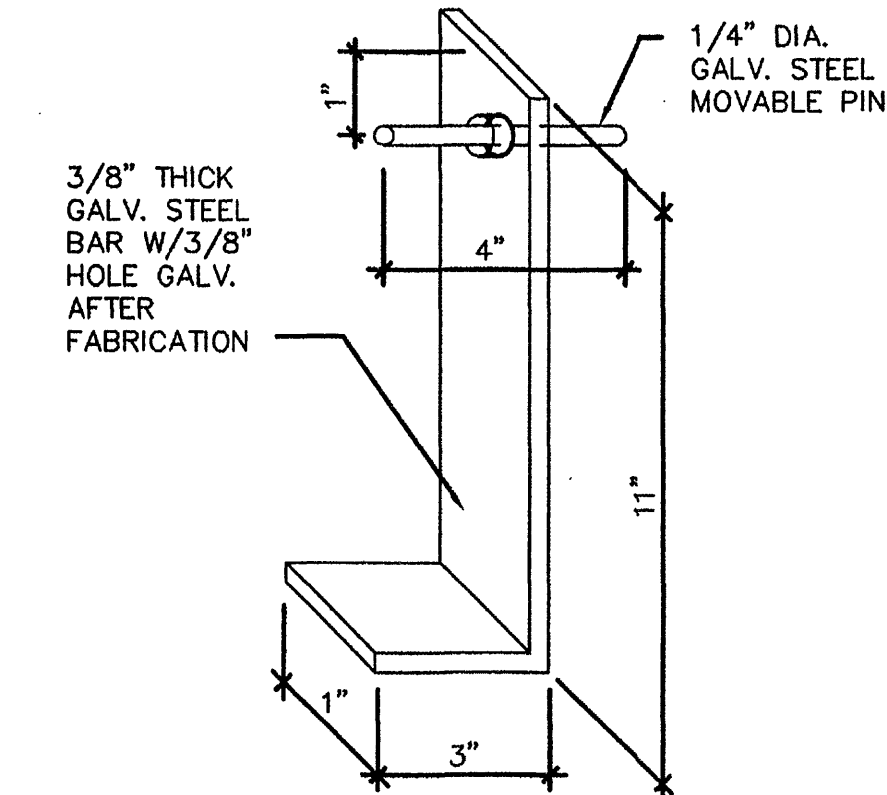
NOT TO SCALE



DETAIL 2

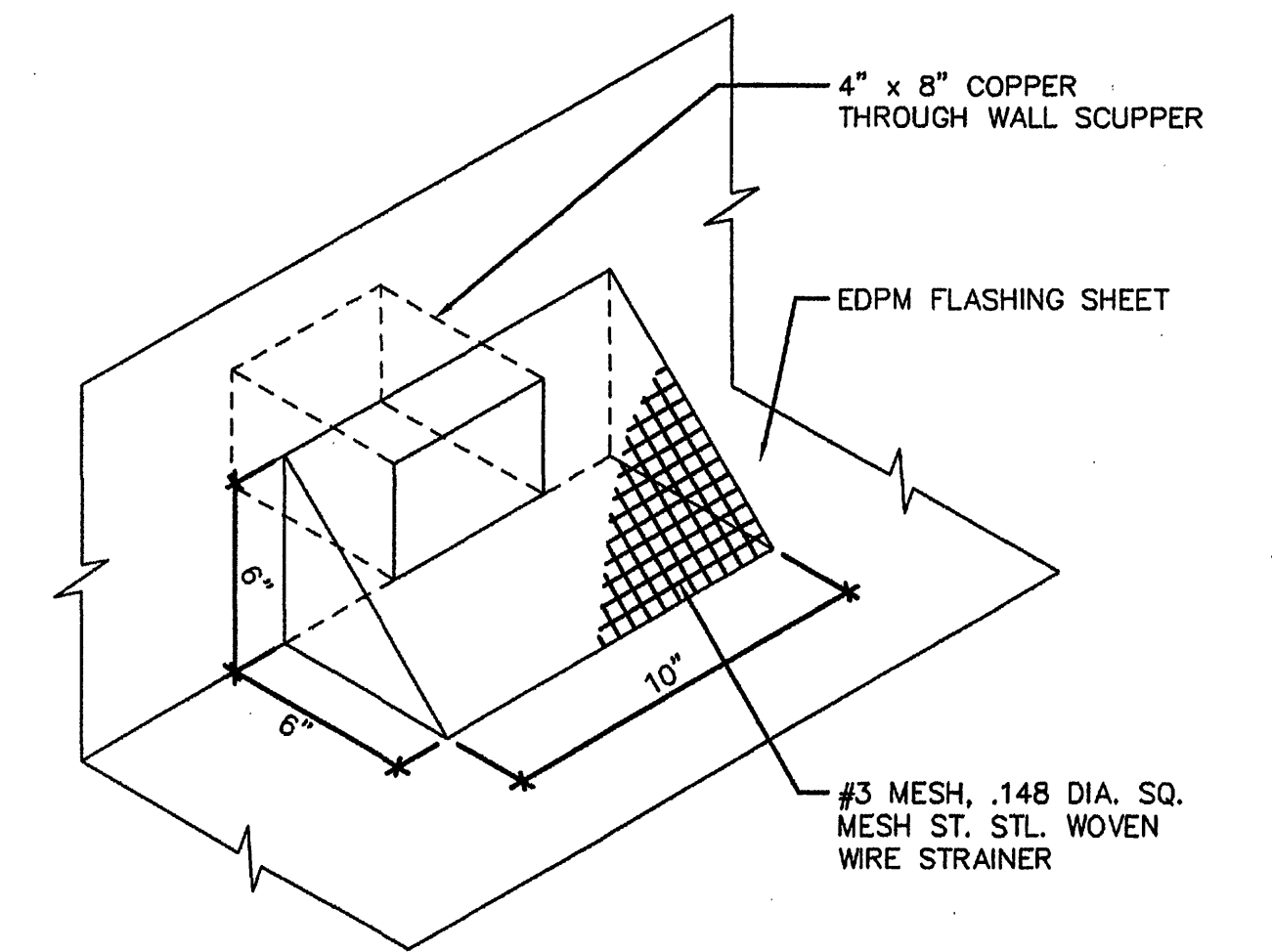


NOT TO SCALE



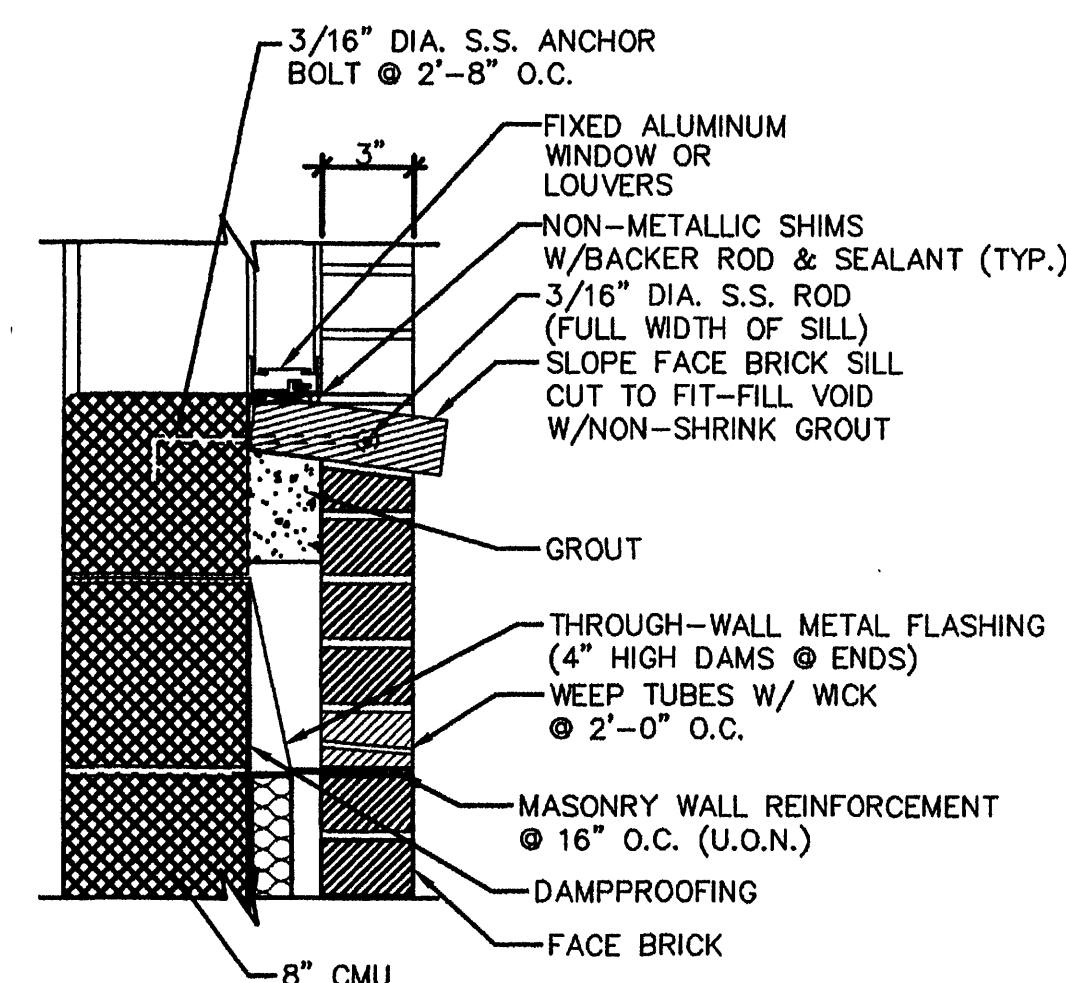
ANCHOR BAR DETAIL

NOT TO SCALE

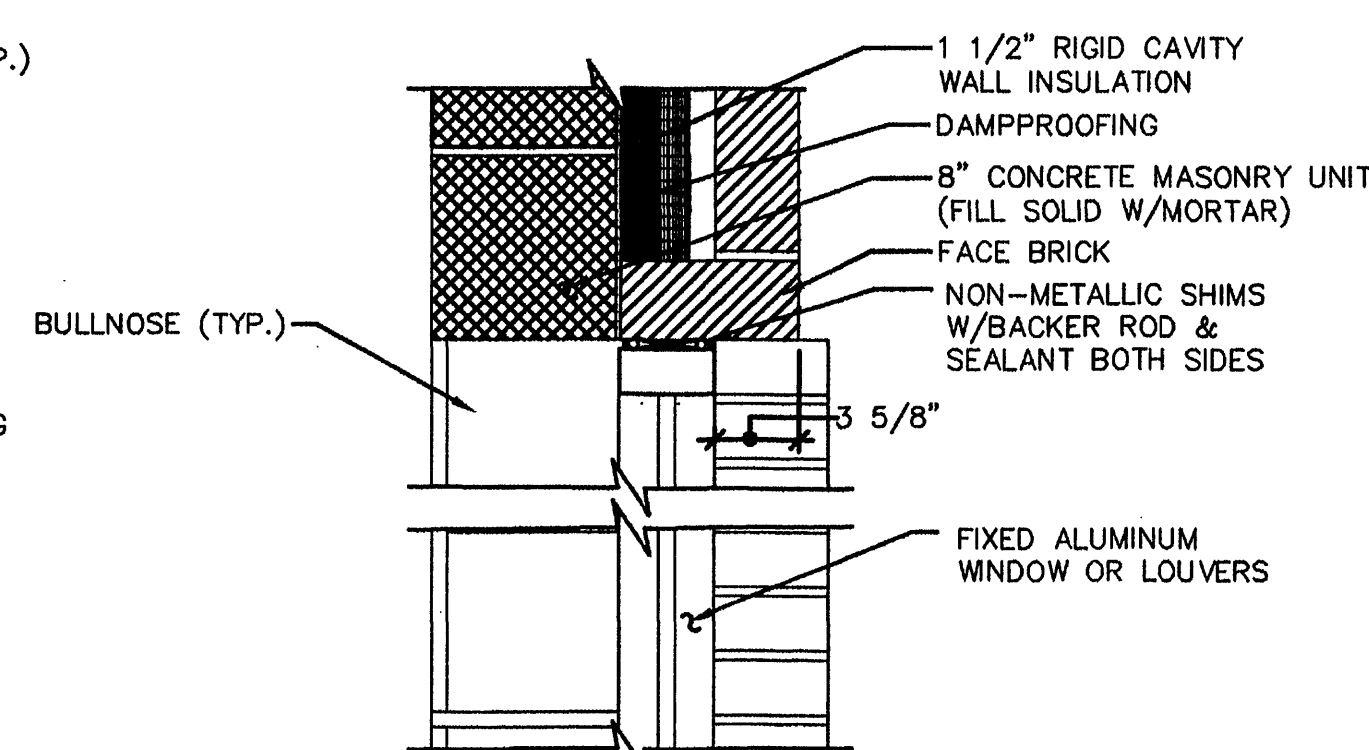


SCUPPER STRAINER DETAIL

NOT TO SCALE



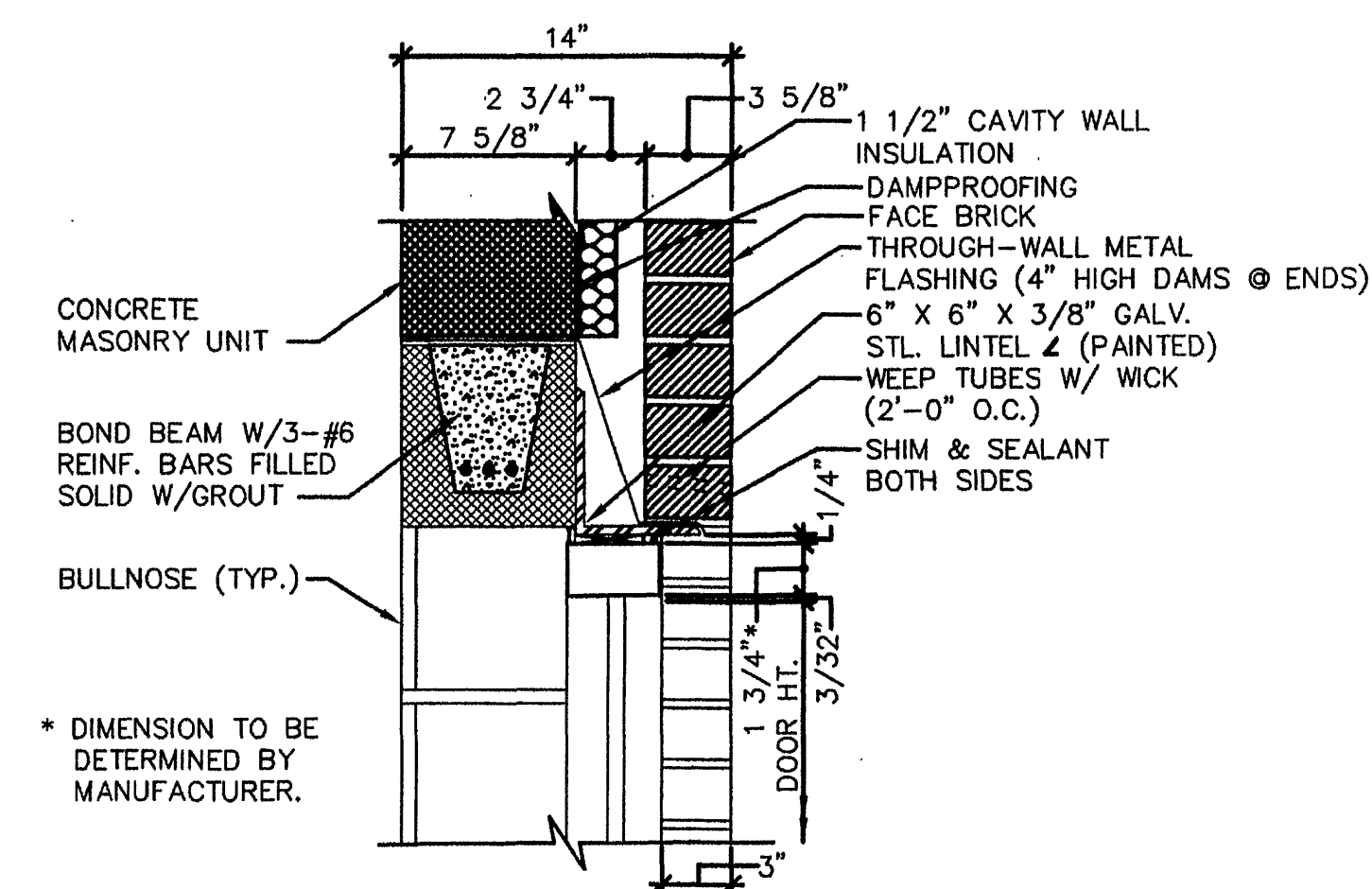
SILL



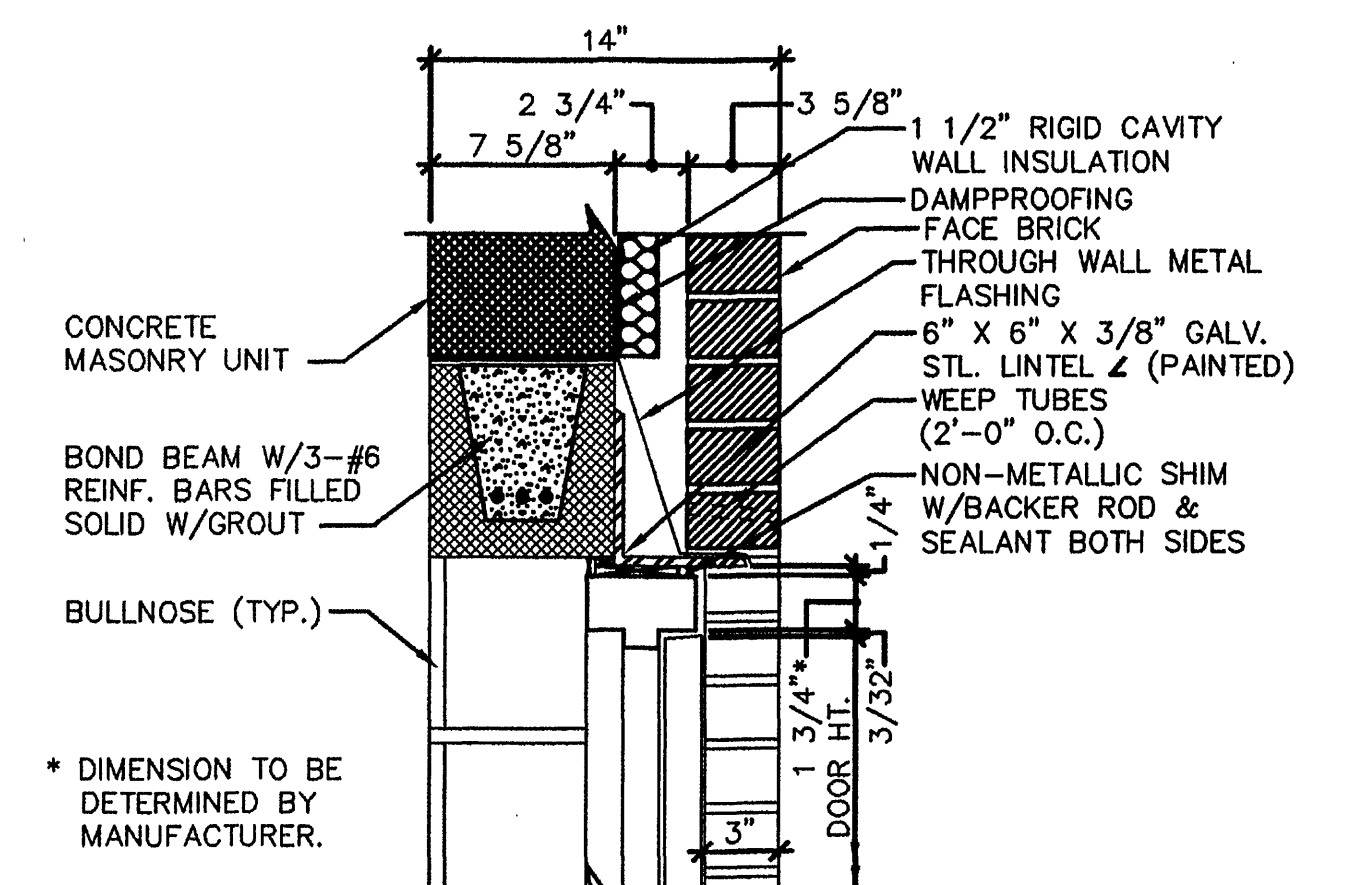
JAMB

FIXED ALUMINUM WINDOW/LOUVERS

NOT TO SCALE



HEAD



TYPICAL HEAD IN EXTERIOR CAVITY WALL

(JAMB SIMILAR)

DOOR DETAILS

NOT TO SCALE

**MALCOLM PIRNIE**

11832 Rock Landing Drive, Suite 400  
Newport News, Virginia 23606

| REVISIONS |     |           |                | DES | DWN | CKD |
|-----------|-----|-----------|----------------|-----|-----|-----|
| NO.       | BY  | DATE      | REMARKS        |     |     |     |
| 1         | ARB | JAN. 2000 | RECORD DRAWING | KML | WEC | GJJ |
|           |     |           |                |     |     |     |
|           |     |           |                |     |     |     |
|           |     |           |                |     |     |     |

**ROANOKE**  
VIRGINIA, CHARTERED 1882

CITY OF ROANOKE, VIRGINIA  
WATER POLLUTION  
CONTROL PLANT  
UPGRADE AND EXPANSION

BIOLOGICAL AERATED FILTER  
CONTROL ROOM  
MISCELLANEOUS DETAILS

SCALE: AS NOTED

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DATE MAY 1997

M SHEET 4 OF 30

CAD REF. NO. 006QM004