

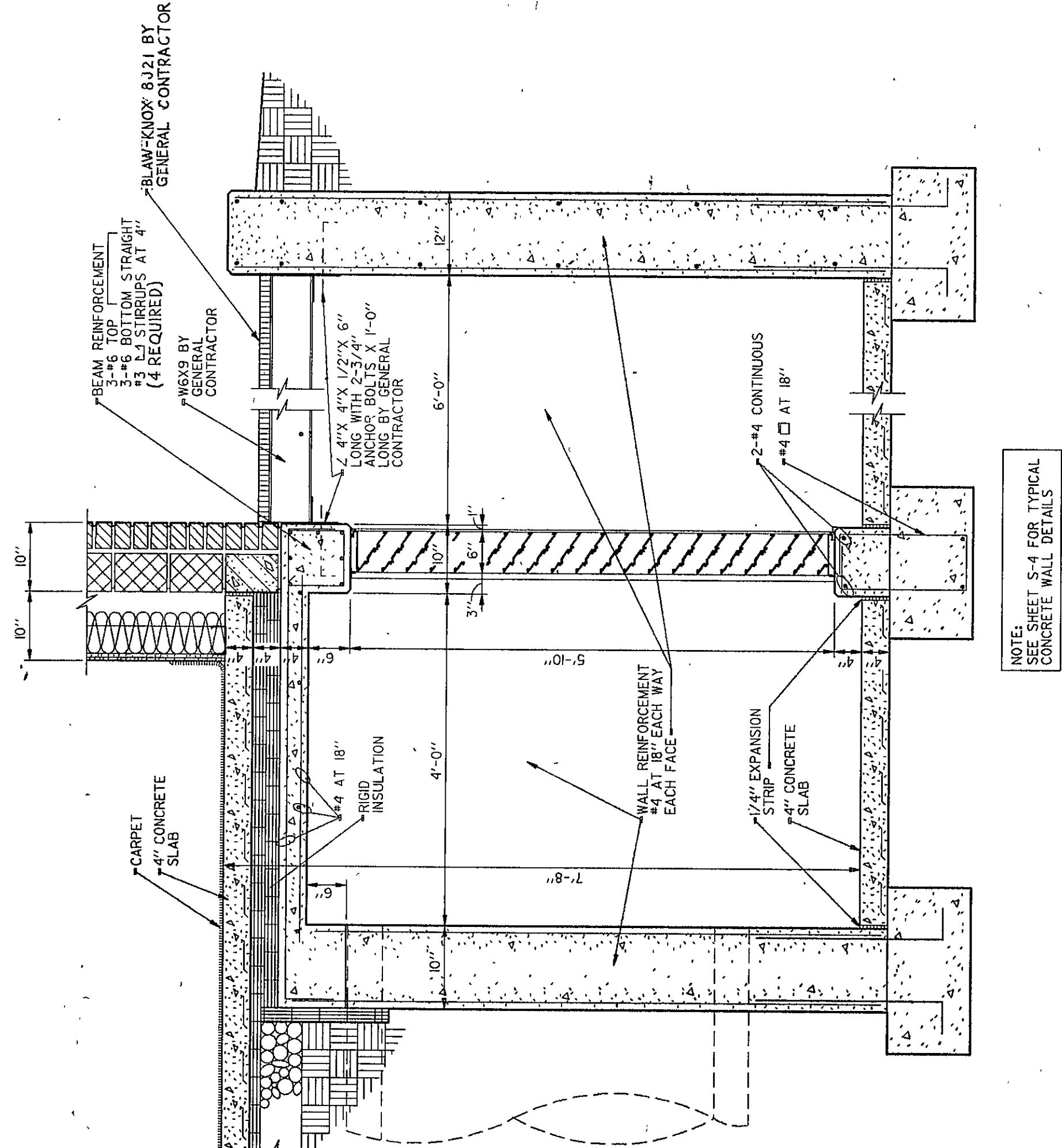
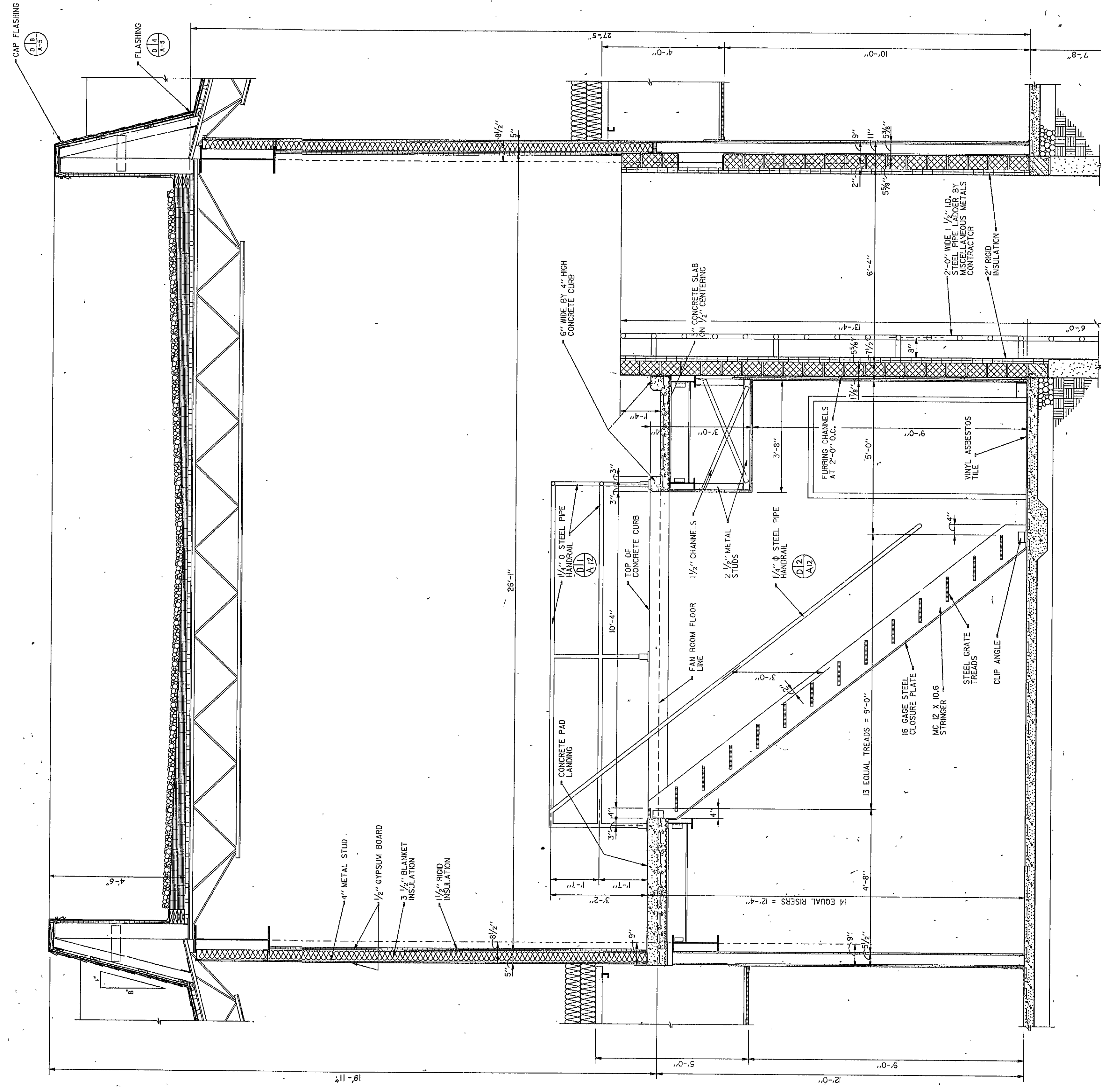
SECTION

SCALE:  $\frac{1}{2}'' = 1'-0''$

SI

A-12

SECTION  
SCALE 3/4" = 1'-0"



**NOTE:**  
SEE SHEET S-4 FOR TYPICAL  
CONCRETE WALL DETAILS

STEEL HANDRAIL  
BRACKET SCALE: 3" = 1' - 0"

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

Technical drawing of a steel handrail assembly. The drawing shows a side view of the handrail with the following dimensions and components labeled:

- 3"**: Dimension for the top rail section.
- 1/8" STEEL PLATE END WALL ON BOLTED**: Label for the end wall connection.
- STEEL FLANGE WELDED TO STEEL PIPE**: Label for the flange connection.
- HANDRAIL ON INSIDE OF STEEL PLATE**: Label for the handrail position.
- TORQUE BOLTS**: Label for the bolts securing the top rail.
- 2"**: Dimension for the gap between the handrail and the wall.
- 1 1/4" Ø STEEL PIPE HANDRAIL RETURN TO WALL**: Label for the handrail return.
- STEEL HANDRAIL BRACKET**: Label for the bracket.
- LINE OF FINISHED WALL**: Label for the wall line.