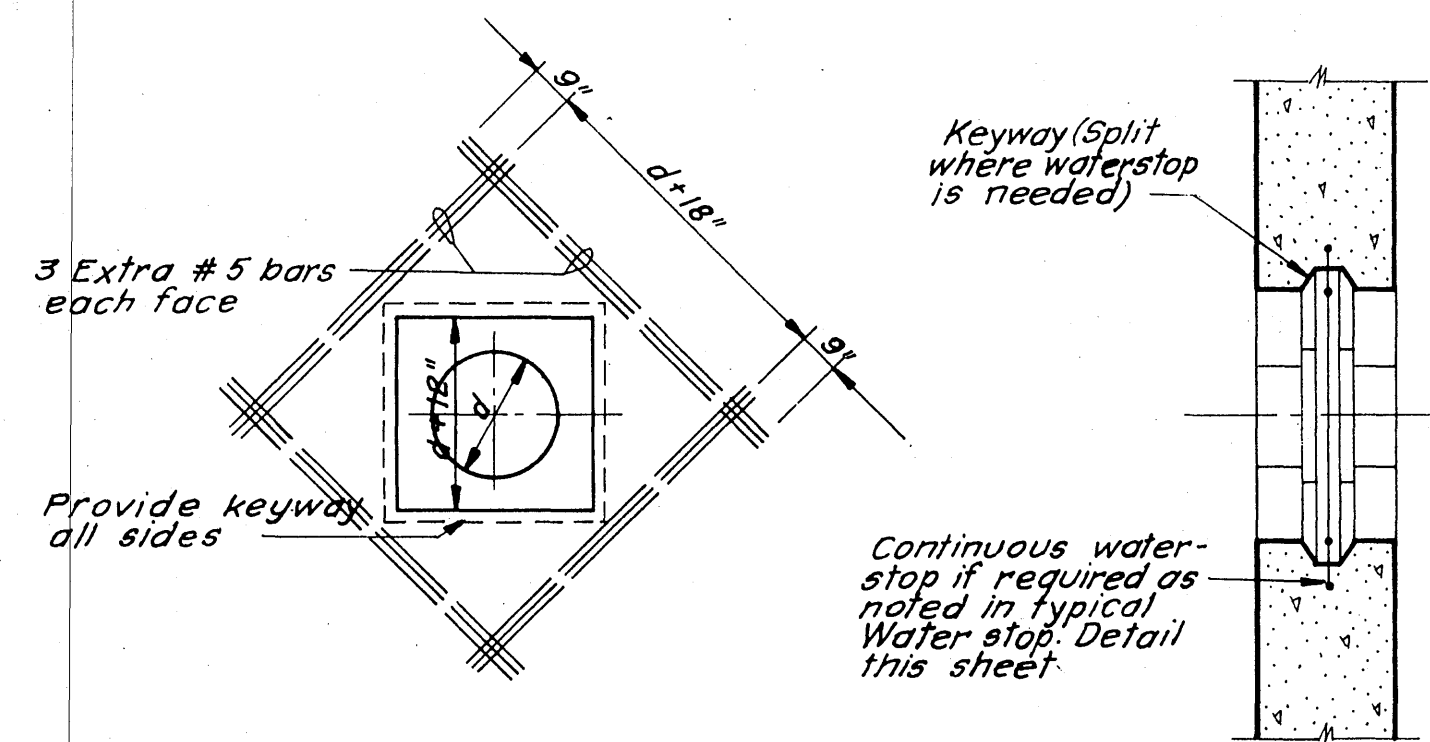


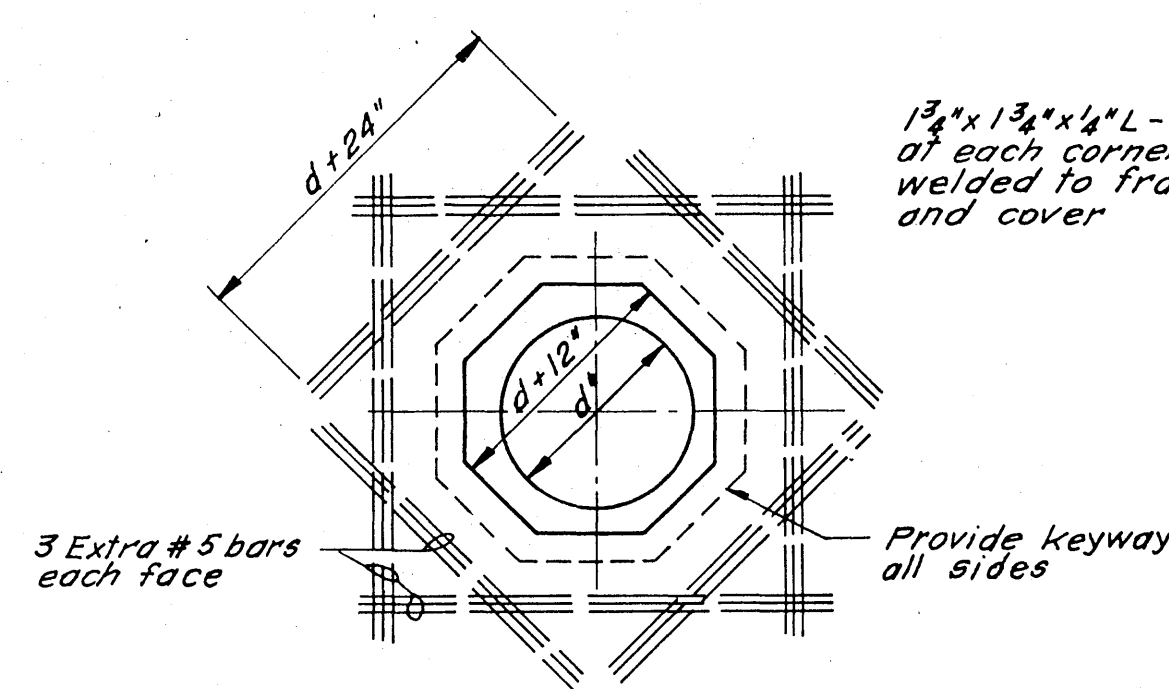


PLAN
(For 6" to 20" Diameter Pipe)

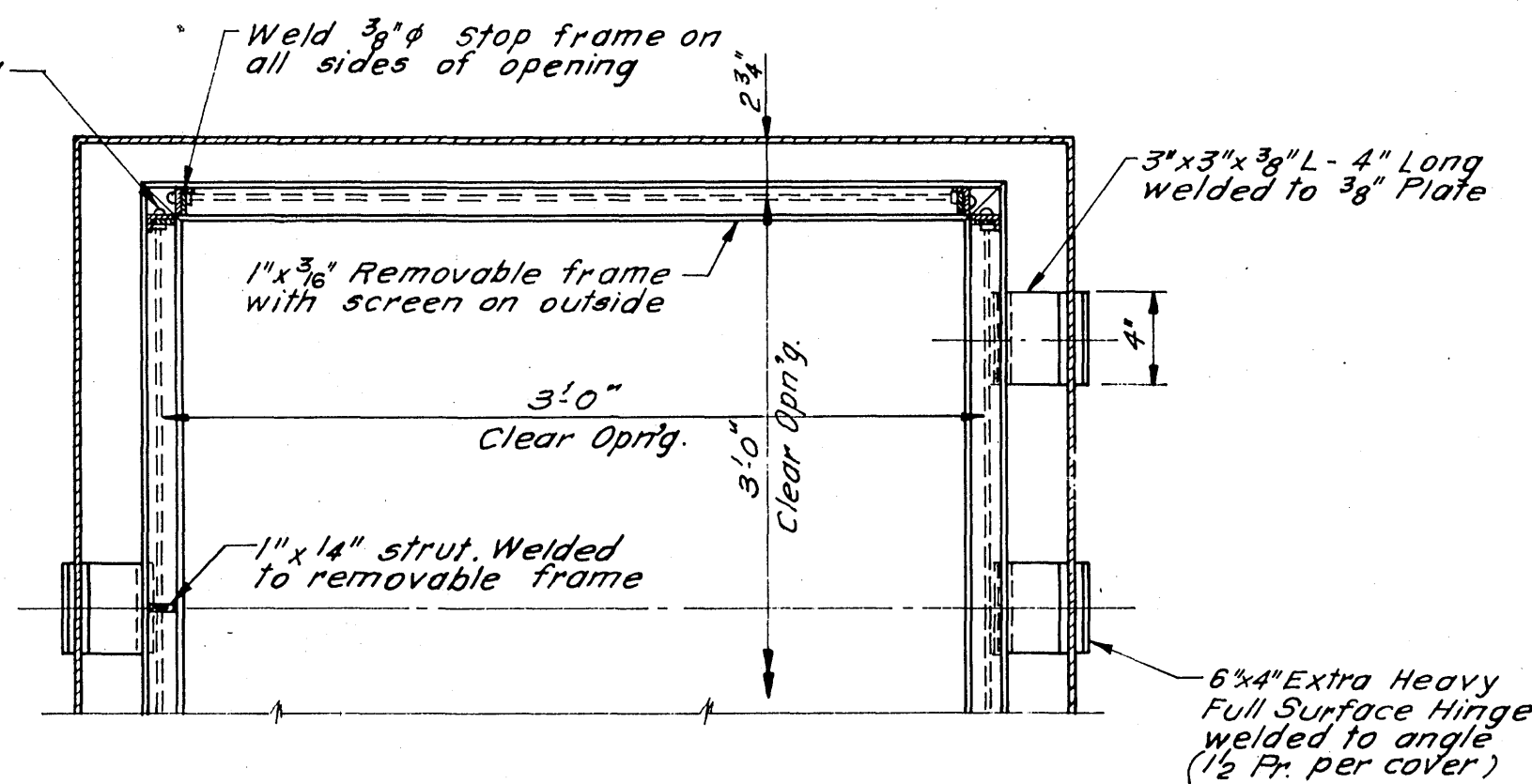
SECTION

PIPE OPENINGS IN FLOORS & WALLS

(No scale)



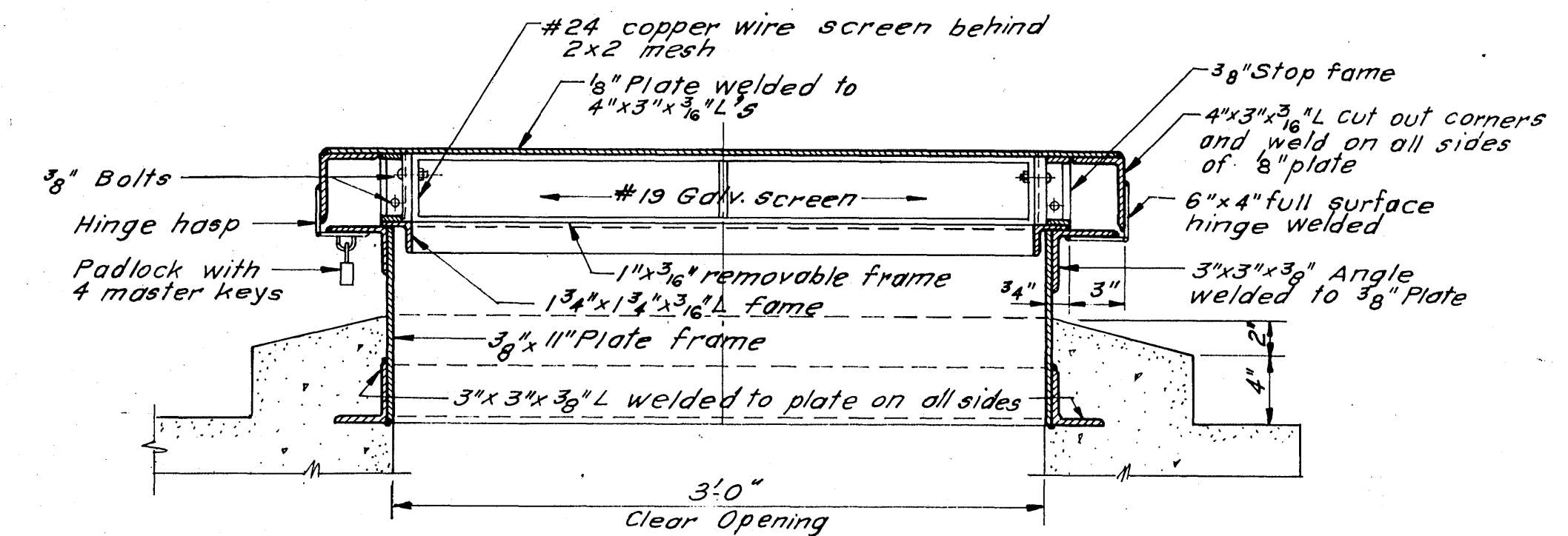
PLAN
(For 24" Diameter and larger pipe)



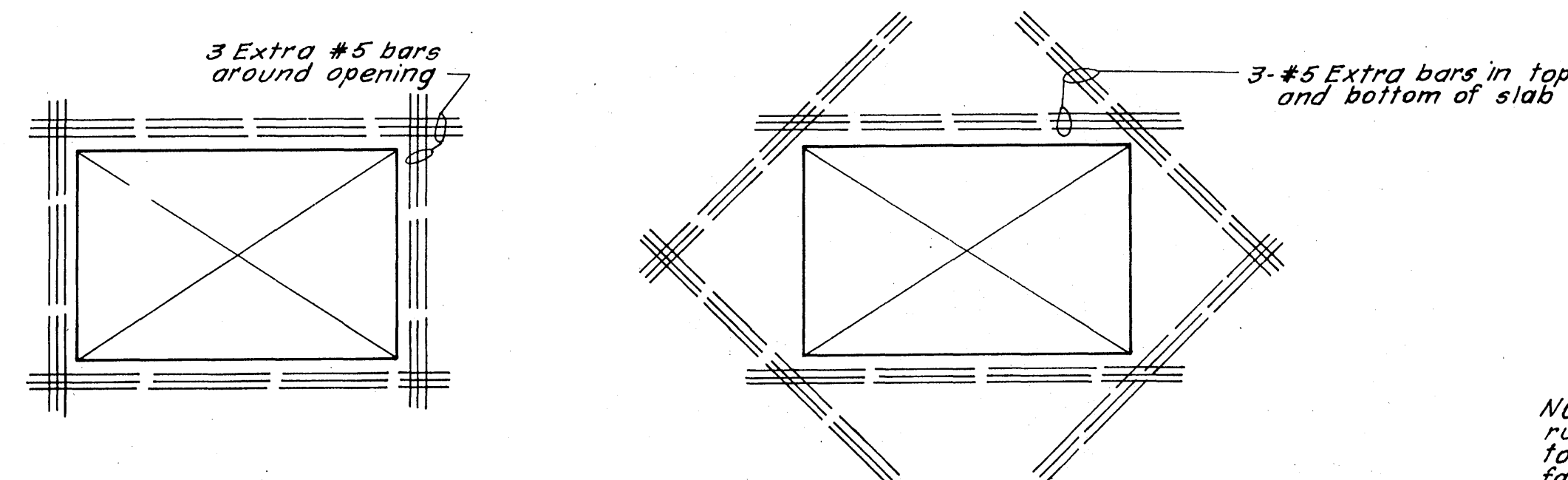
SECTIONAL PLAN

DETAIL OF MANHOLE FRAME & COVER

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



SECTION

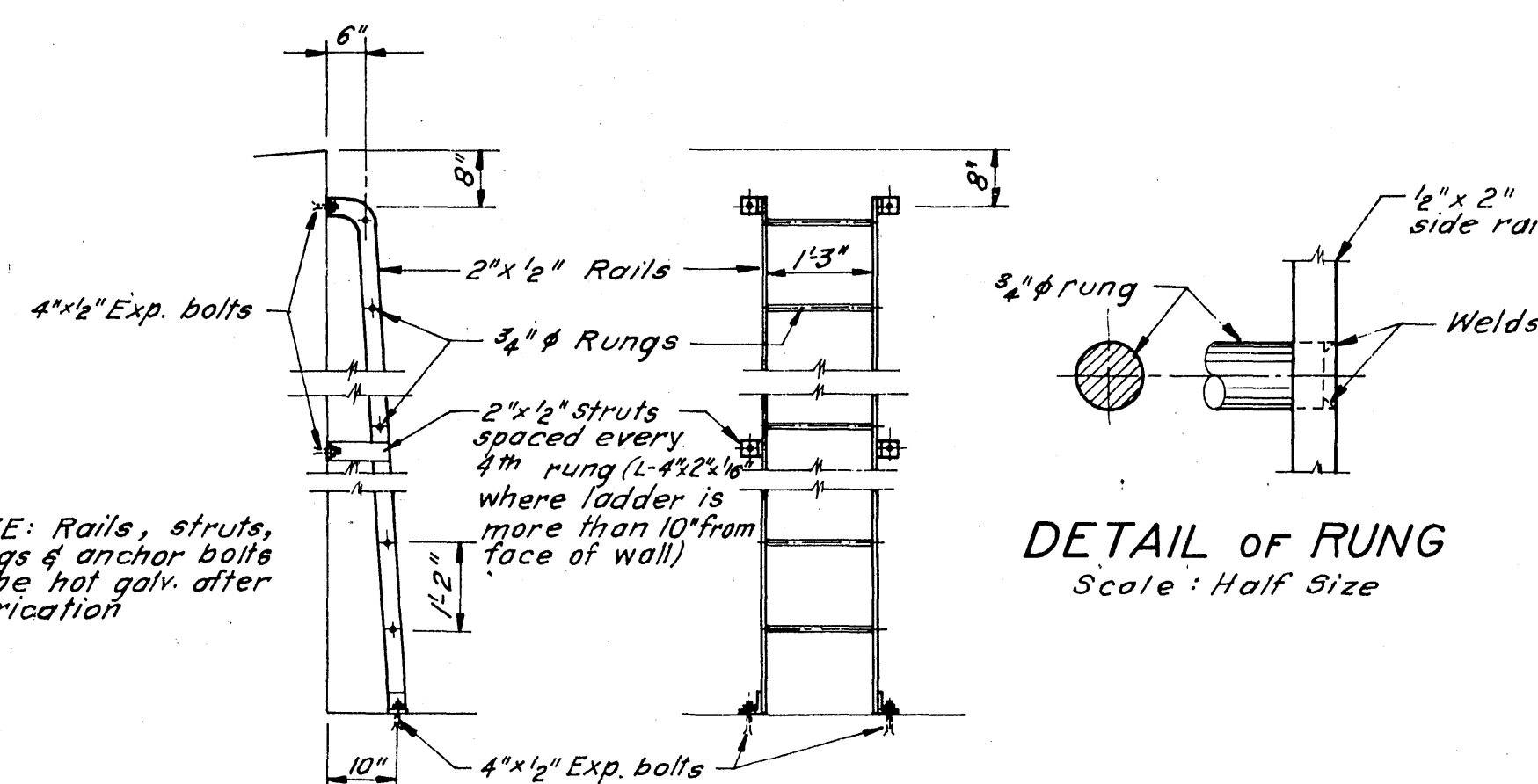


WALL ELEVATION

FLOOR PLAN

TYPICAL REINFORCING DETAIL OF WALL & FLOOR OPENING

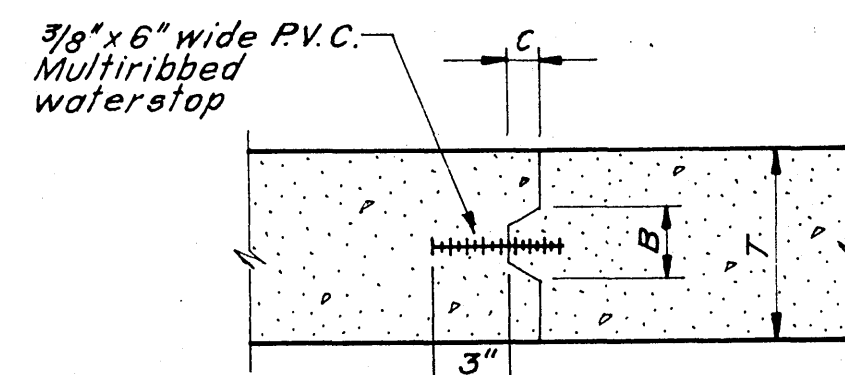
(No scale)



TYPICAL LADDER DETAIL

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

DETAIL OF RUNG
Scale: Half Size

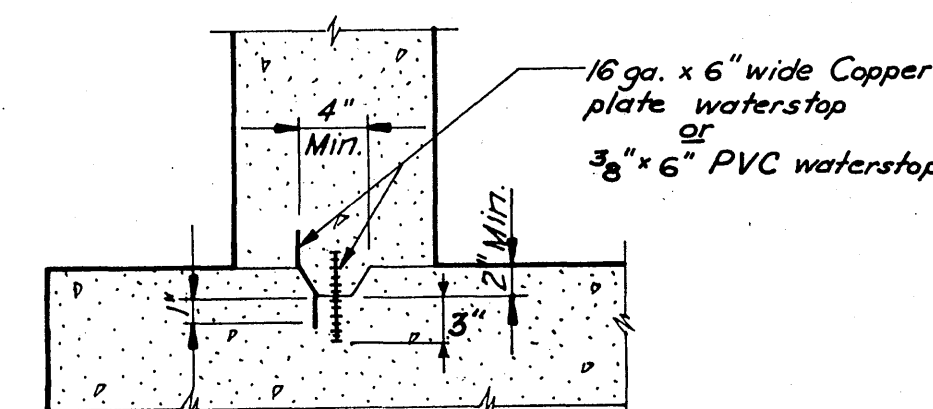


NOTE: P.V.C. Waterstops are to be continuous by fusing strip together. Do Not Overlap

TYPICAL FLOOR & WALL CONSTRUCTION JOINTS FLOOR TO FLOOR OR WALL TO WALL

(Unless otherwise noted)

Wall & Slab Thickness	B	C
12" or less	4"	2"
12" to 18"	6"	3"
18" to 24"	8"	4"
> 24"	12"	4"

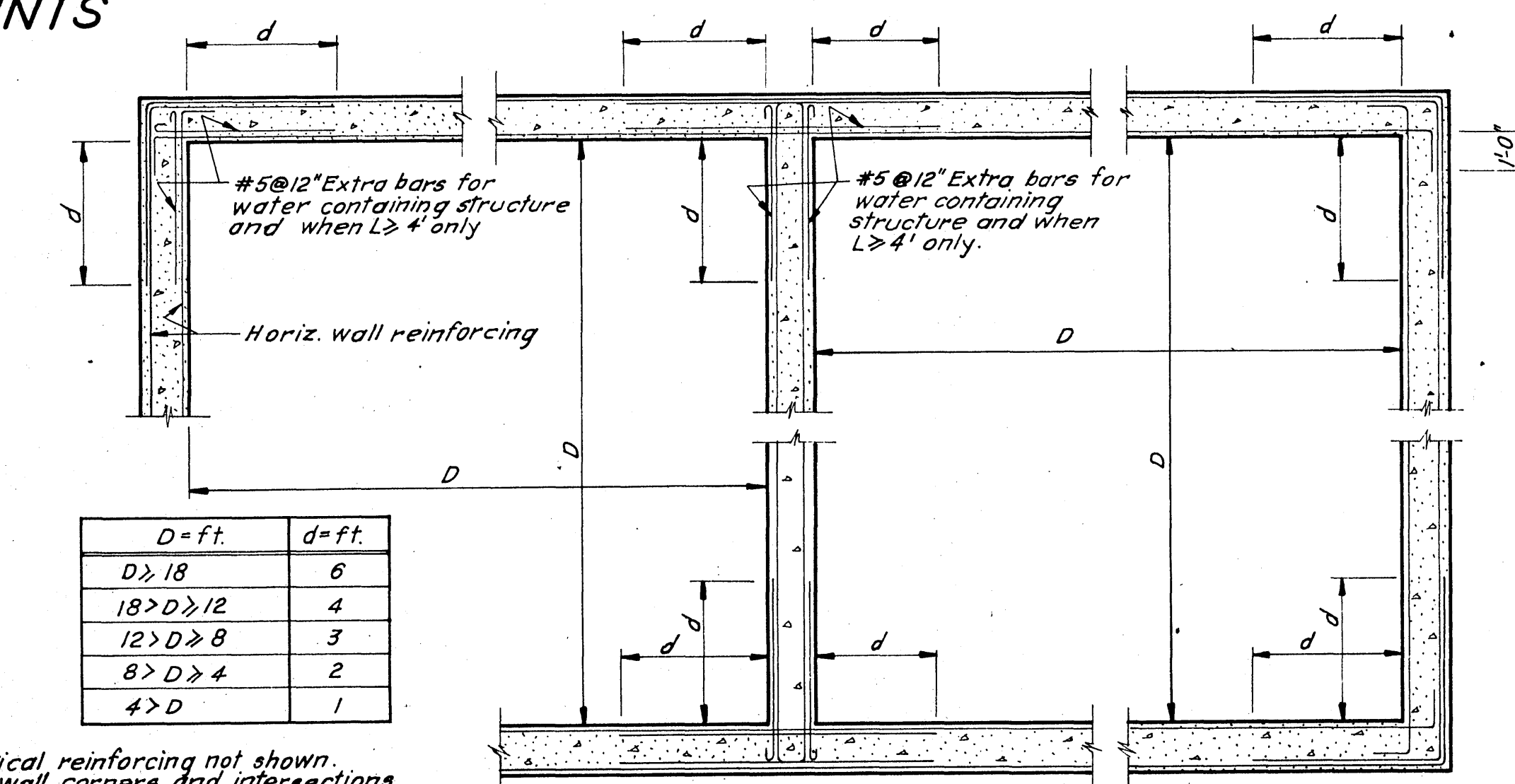


- NOTES:
1. Waterstop strip to be used in floor to wall intersection construction joints.
 2. Where wall is between ground and dry room or water containing structure and dry room.
 3. Where joint is in an outside wall of water containing structure.
 4. Copper plate water stop shall be lapped min. 6"
 5. Waterstop shall be placed at wet side.
 6. Joint size shall conform to specific cases as shown on drawings.

TYPICAL WATERSTOP DETAIL FLOOR TO WALL INTERSECTION

(No Scale)

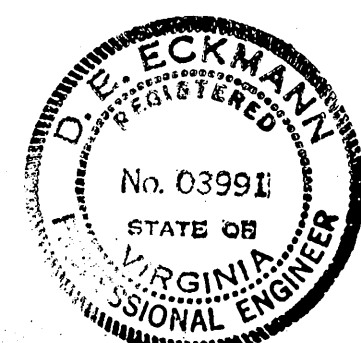
- NOTES:
1. Vertical reinforcing not shown.
 2. All wall corners and intersections shall conform to this detail.
 3. Extra horizontal reinforcing shall be used for water containing structure and when D > 4' only.



D = ft.	d = ft.
D > 18	6
18 > D > 12	4
12 > D > 8	3
8 > D > 4	2
4 > D	1

TYPICAL WALL CORNER AND INTERSECTION DETAIL

(No Scale)



AS BUILT

8

CONTRACT D

ADDITIONS TO SEWAGE TREATMENT PLANT
ROANOKE, VIRGINIA

30 M.G. BASIN TYPICAL DETAILS

ALYDOR, BURDICK & HOWSON
ENGINEERS CHICAGO
1973