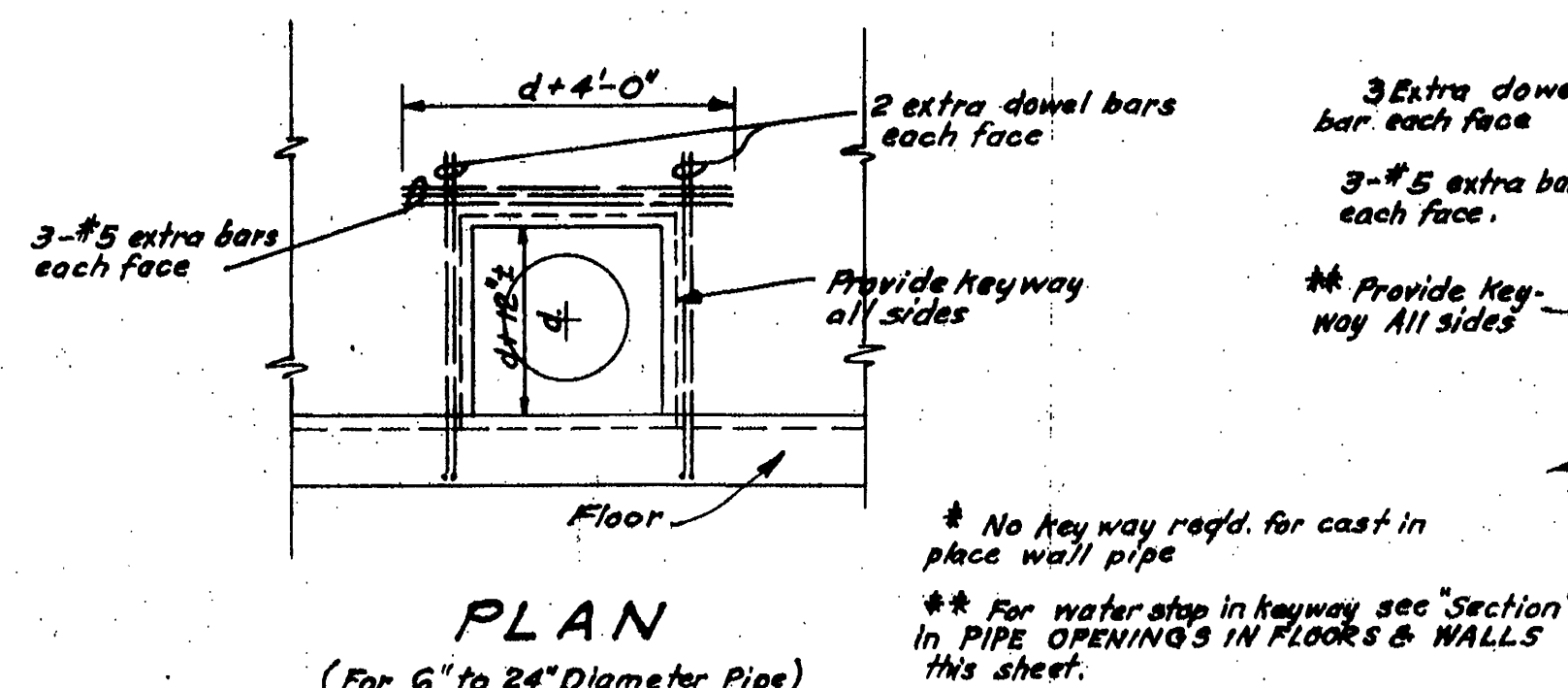




PLAN

(For 6" to 24" Diameter Pipe)

SECTION

PLAN

(For 30" Diameter and larger pipe)

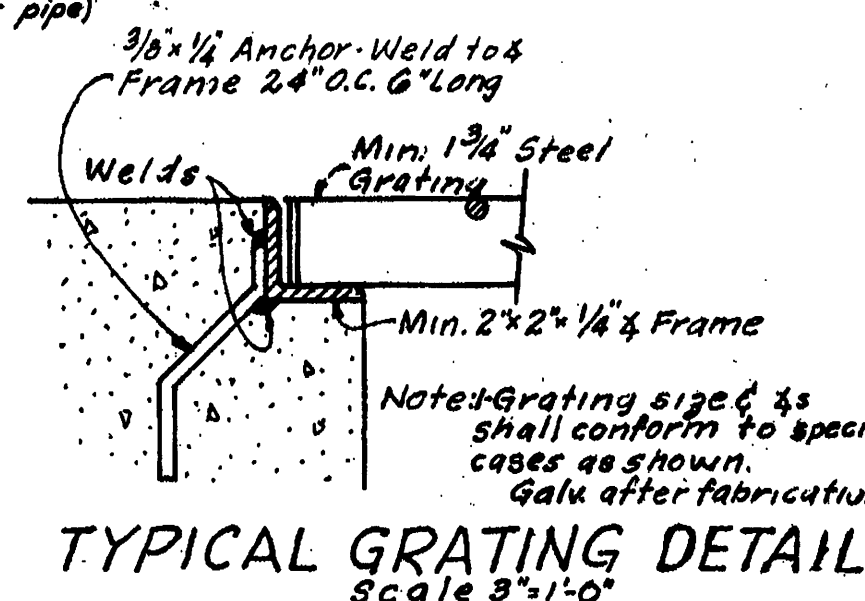
PLAN

(For 6" to 24" Diameter Pipe)

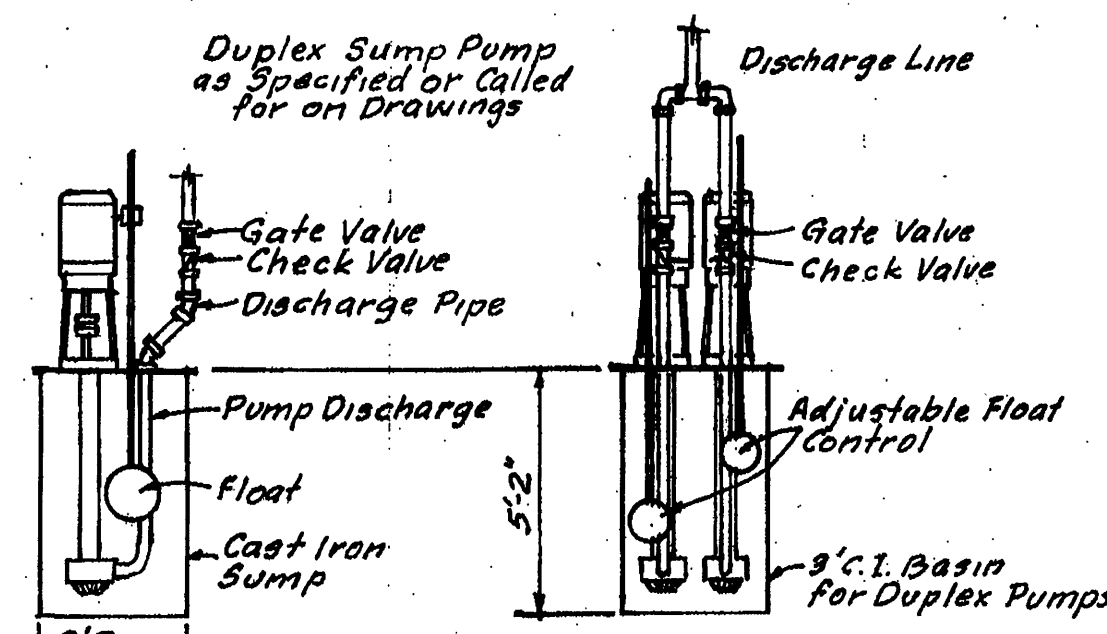
PLAN

(For 30" Diameter & Larger Pipe)

PIPE OPENINGS IN WALLS NEAR FLOOR (No Scale)



TYPICAL GRATING DETAIL
Scale 3"=1'-0"



DETAIL OF SUMP PUMPS
SCALE 1/4" = 1'-0"

WALL ELEVATION

FLOOR PLAN

**TYPICAL REINFORCING DETAIL OF WALL &
FLOOR OPENING**
(No Scale)

(No Scale)

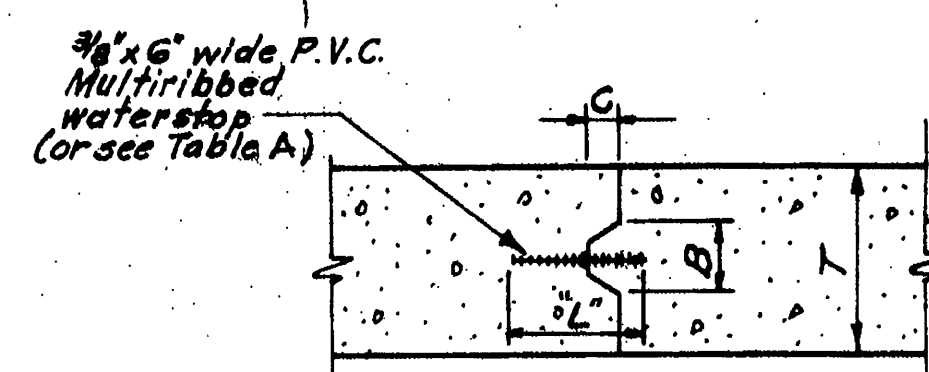
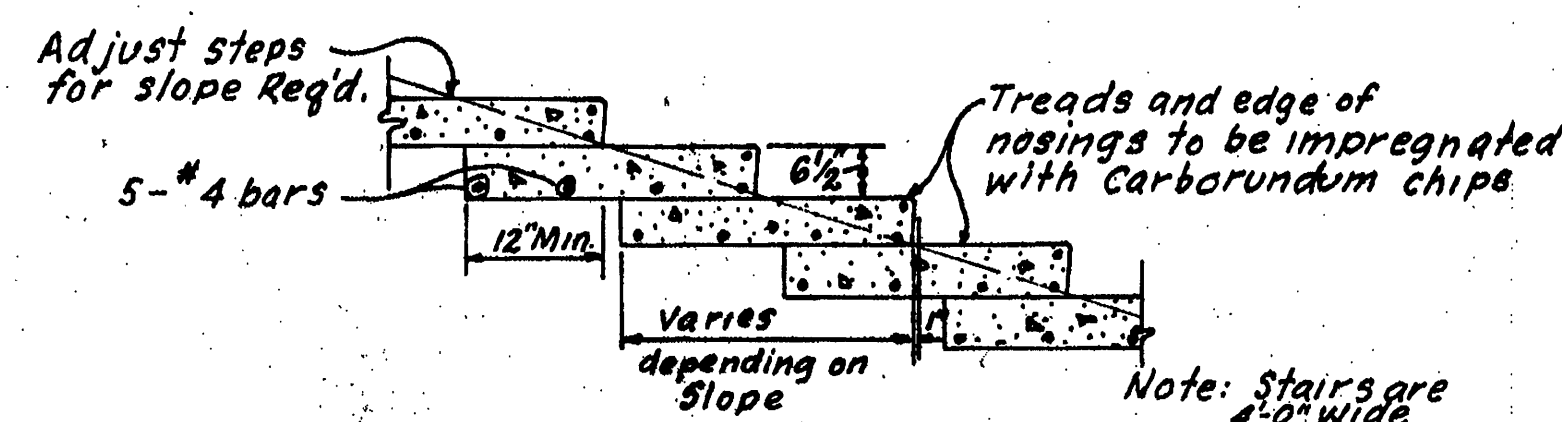


TABLE "A"

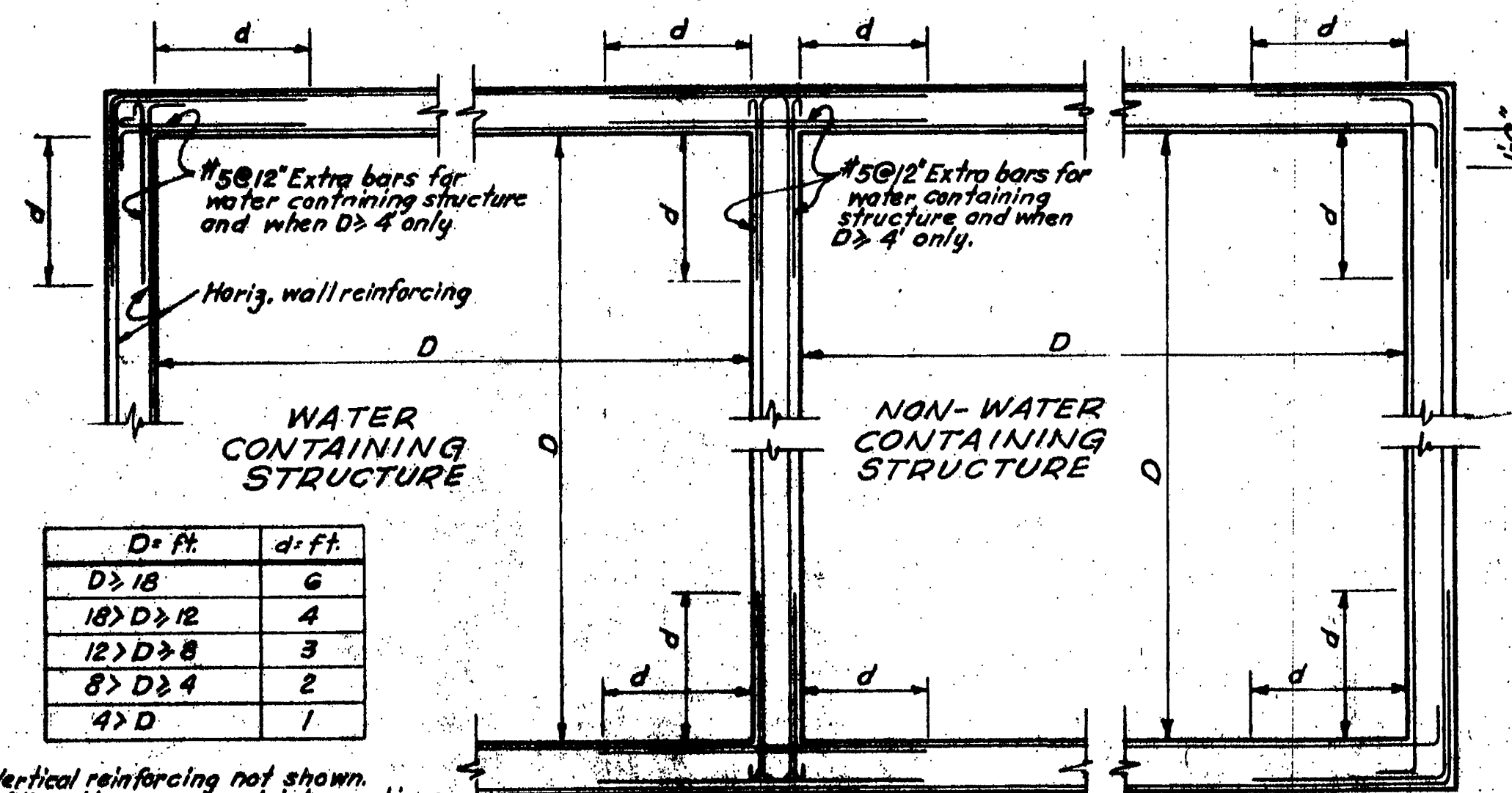
T	B	C	L
12" or less	4"	2"	6"
12" to 18"	6"	3"	6"
18" to 24"	8"	4"	8"
> 24	12"	4"	8"

TYPICAL FLOOR PLATE DETAIL
Scale 3" = 1'-0"



DETAIL OF PRECAST STAIRS

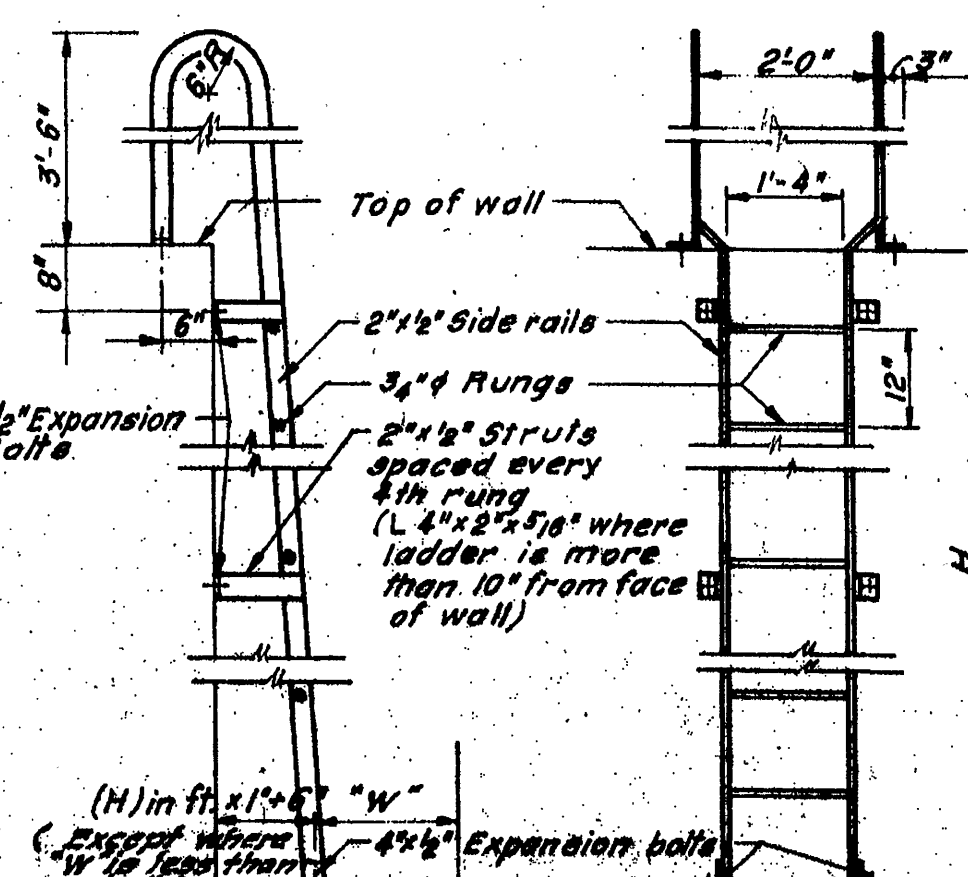
SCALE: $\frac{1}{8}" = 1'-0"$



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

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 walls containing structure and when $D \geq 4'$ only.

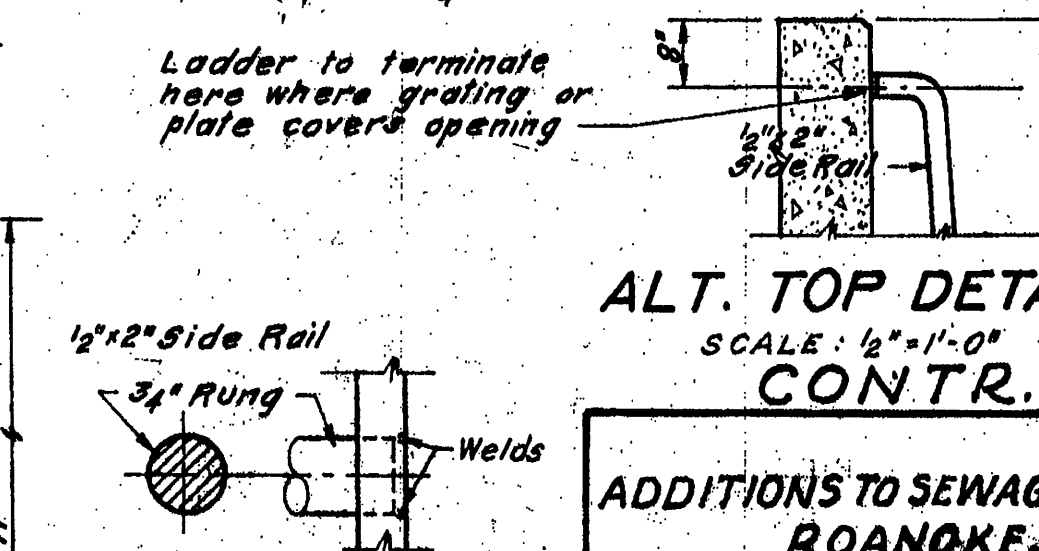
TYPICAL WALL CORNER AND INTERSECTION DETAIL
(No Scale)



TYPICAL LADDER DETAIL
SCALE: 1/2" = 1'-0"

SECTION $\frac{30}{79}$
FLOC. BASIN STAIR DETAILS

SCALE: $\frac{3}{4}" = 1'-0"$



DETAIL OF RUNG
SCALE 1/2 SIZE

NOTE:
Rafts, struts, range and anchor balls to be hot galvanized after fabrication.

ALT. TOP DETAIL
SCALE: 1/2" = 1'-0"
CONTR. "E"

**ADDITIONS TO SEWAGE TREATMENT PLANT
ROANOKE, VIRGINIA**

TYPICAL DETAILS