

NOTES

1. IF H IS LESS THAN 18" (450 mm), W=27" (675 mm)
IF H IS BETWEEN 18" (450 mm) AND 2'-6" (750 mm), W=2'-6" (750 mm).
IF H IS 2'-6" (750 mm) OR MORE, W=3'-0" (900 mm).
IF H IS MORE THAN 4'-0 1/2" (1215 mm), BRING WALL VERTICALLY TO
4'-0 1/2" (1215 mm) BELOW SURFACE AND TAPER FROM 3'-0" (900 mm)
TO 27" (675 mm) AS SHOWN.
2. THIS STRUCTURE SHALL BE USED WITH MANHOLE FRAME AND COVER
PRESSURE TYPE, SPPWC 211. IT MAY BE USED FOR HYDROSTATIC
HEADS UP TO 25' (7.5 m) ABOVE THE STEEL PLATE.
3. THE VERTICAL SIDE OF THE MANHOLE SHAFT AND THE ECCENTRIC
REDUCER SHALL BE LOCATED ABOVE AND IN LINE WITH THE SIDE
OF THE STORM DRAIN CONDUIT.
4. REINFORCEMENT SHALL CONFORM TO ASTM A 615, GRADE 40 (ASTM
A 615M, GRADE 300), AND SHALL TERMINATE 1 1/2" (40 mm) CLEAR OF
CONCRETE SURFACES UNLESS OTHERWISE SHOWN.
5. STEPS SHALL CONFORM TO SPPWC 635 OR 636. THE TOP
STEP SHALL BE PLACED DIRECTLY BENEATH THE MANHOLE FRAME.
UNLESS OTHERWISE SHOWN, STEPS SHALL BE UNIFORMLY SPACED
14" (350 mm) TO 15" (375 mm) OC.
6. SEE CONTRACT SPECIFICATIONS FOR PHYSICAL REQUIREMENTS OF
WATERSTOP.
7. THE FOLLOWING SPPWC ARE INCORPORATED HEREIN:

211 MANHOLE FRAME AND COVER PRESSURE TYPE
635 STEEL STEP
636 POLYPROPYLENE PLASTIC STEP

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

**PRESSURE MANHOLE SHAFT
WITH ECCENTRIC REDUCER**

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