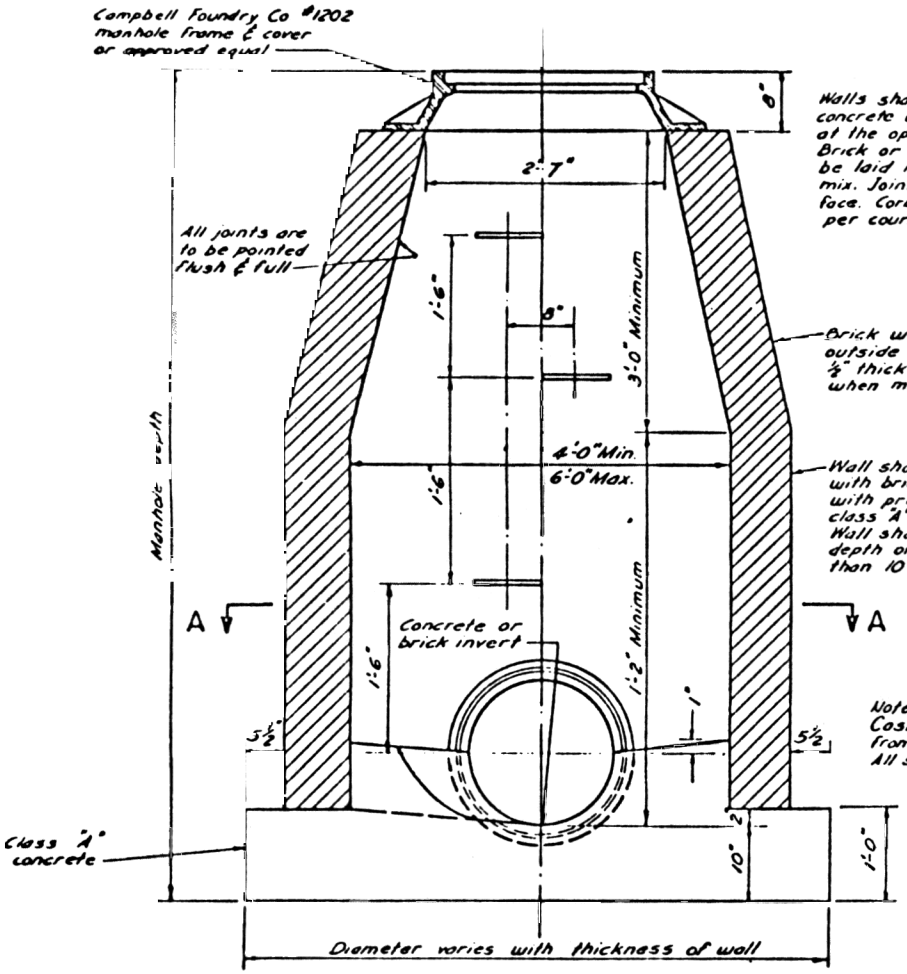


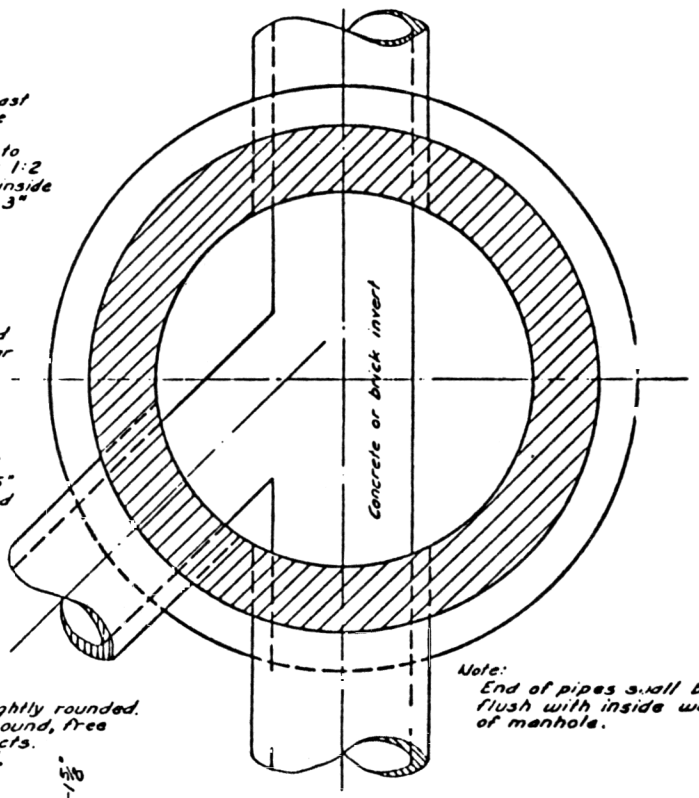
VERTICAL SECTION
MANHOLE

Walls shall be built of bricks, precast concrete units or class "A" concrete at the option of the contractor. Brick or precast concrete units to be laid in cement sand mortar 1:2 mix. Joints to be not over ¼" on inside face. Corbel shall be limited to 3" per course.

Brick walls are to be plastered outside with 1:2 cement mortar ½" thick. Bricks must be wet when mortar is applied.

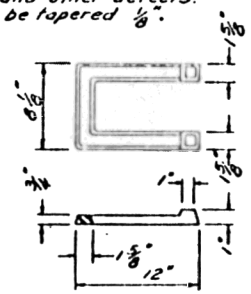
Wall shall be a minimum of 8" with brick, and a minimum of 6" with precast concrete units and class "A" concrete. Wall shall be 12" thick when depth of manhole is greater than 10 feet.

Note: All corners to be slightly rounded. Castings shall be whole, sound, free from holes and other defects. All sides to be tapered ⅛".



SECTION A-A

Note:
End of pipes shall be cut flush with inside wall of manhole.



DETAIL OF LADDER RUNG

I.D. Manhole	Max pipe size no deflection
4'	36"
5'	48"
6'	54"

Note:
Manholes requiring inside diameters in excess of 6'-0" will be considered special structures details of which must be approved by Town Engineer prior to construction.

Material:
Malleable iron castings conforming to A.S.T.M. specification A-47 grade 32510 or Gray iron casting conforming to A.S.T.M. specification A-48 class 25

TOWN OF EAST HARTFORD, CONN.
STANDARD DETAIL
MASONRY MANHOLE

APPROVED Anthony F. Kayner
CHAIRMAN CP & Z COMMISSION
Arthur J. Mullgan
DIRECTOR OF PUBLIC WORKS
DATE July 5, 1984

NO.	DESCRIPTION	DATE	APPROVED
	REVISIONS		