

WALL SHALL BE A MIN. OF 6" WITH MASONRY CONCRETE UNITS AND CLASS "A" CONCRETE  
WALL SHALL BE 12" THICK WHEN DEPTH OF MANHOLE IS GREATER THAN 10' DEEP

MASONRY WALLS ARE TO BE PLASTERED OUTSIDE WITH 1:2 CEMENT MORTAR 1/2" THICK. MASONRY MUST BE WET WHEN MORTAR IS APPLIED.

ALL JOINTS ARE TO BE POINTED FLUSH AND FULL

WALLS SHALL BE BUILT OF MASONRY CONCRETE UNITS OR CLASS "A" CONCRETE AT THE OPTION OF THE CONTRACTOR.

MASONRY CONCRETE UNITS TO BE LAID IN CEMENT SAND MORTAR 1:2 MIX. JOINTS TO BE NOT OVER 1/2" ON INSIDE FACE

CLASS "A" CONCRETE

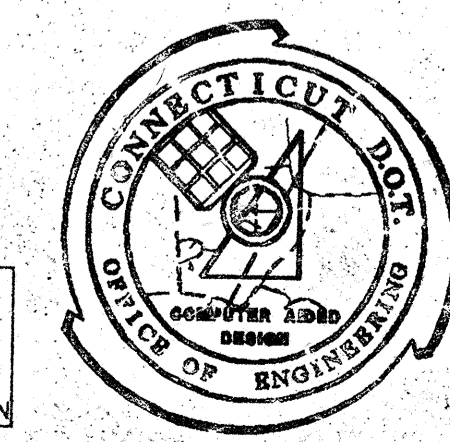
NOTE:  
CHANNELS MAY BE SHAPED IN CONCRETE BASE OF MANHOLE OR FORMED OF BRICK OR MASONRY.

FRAME & COVER

MATERIAL	CAST IRON	CAST STEEL
APPROXIMATE WEIGHT OF COVER	184 LB.	134 LB.
APPROXIMATE WEIGHT OF FRAME	312 LB.	227 LB.

ALL DIMENSIONS SUBJECT TO MANUFACTURING TOLERANCES

IF A FRAME DIAMETER OF 3'-3" WITH 4" FLANGE MUST BE USED WHEN THE TOP DIAMETER OF THE PRECAST CONE IS LESS THAN 3'-6". ALL OTHER FRAME DIMENSIONS ARE TO REMAIN THE SAME.



MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON  
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STANDARD SHEET CONN. DEPT. OF TRANSPORTATION		
MANHOLE, FRAME & COVER		
REVISIONS		
NO.	DATE	DESCRIPTION
Designed by: J. BARRY		Date: 6-77
Drafted by: M. ZKMAN		Date: 12-88
Reviewed by: T. McMANON		Date: 1-9-89
Approved: J. JENSEN		Date: 1-9-89
F.H.W.A. Approval: <i>[Signature]</i>		Date: 9-27-92
Scale: NOT TO SCALE		STANDARD NUMBER
		507-A