

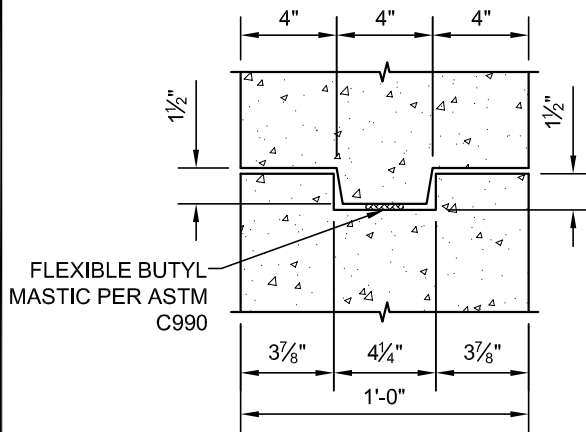
ISOMETRIC VIEW

MANHOLE RISER SPECIFICATIONS					
MANHOLE I.D.	WALL THICKNESS	BARREL O.D.	JOINT DEPTH	AVAILABLE HEIGHTS	WEIGHT PER FOOT
48"	5"	58"	3"	1', 2', 3', 4'	850 lb
60"	6"	72"	3½"	1', 2', 3', 4', 5', 6', 7'	1,275 lb
72"	7"	86"	4"	1', 2', 3', 4', 5', 6', 7'	1,810 lb
84"	8"	100"	4"	1', 2', 3', 4', 5', 6', 7', 8'	2,408 lb
96"	9"	114"	5"	2', 3', 4', 5', 6', 7', 8'	3,186 lb
108"	10"	128"	4"	2', 3', 4', 5', 6', 7'	3,800 lb
120"	11"	142"	4"	2', 3', 4', 5', 6', 7'	4,725 lb
144"	12"	168"	1.5"	2', 3', 3'-10"	6,150 lb

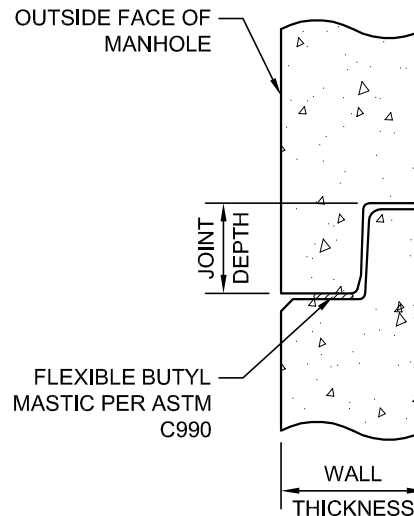
\* TYPICALLY TWO LIFTING ANCHORS ARE PROVIDED FOR EACH RISER SECTION  
 LIFTING ANCHORS FOR 48" - 60" MANHOLES ARE PLASTIC INSERTS  
 LIFTING ANCHORS FOR ALL OTHER MANHOLES ARE CONAC DR 8 TON ANCHORS

**NOTES:**


1. CONFORMS TO CURRENT ASTM C478 REQUIREMENTS.
2. MANUFACTURED USING TYPE III/V CEMENT WHICH MEETS THE REQUIREMENTS FOR BOTH TYPE III AND TYPE V CEMENT.
3. 1½" PERFORATIONS AVAILABLE SPACED AT APPROX 12" O.C. EACH WAY FOR SUMPS. (SEE PERFORATED RISER DRAWING)
4. DUE TO FABRICATION DIFFERENCES A SLIGHT DIMENSIONAL VARIANCE MAY OCCUR IN HEIGHT AND JOINT.

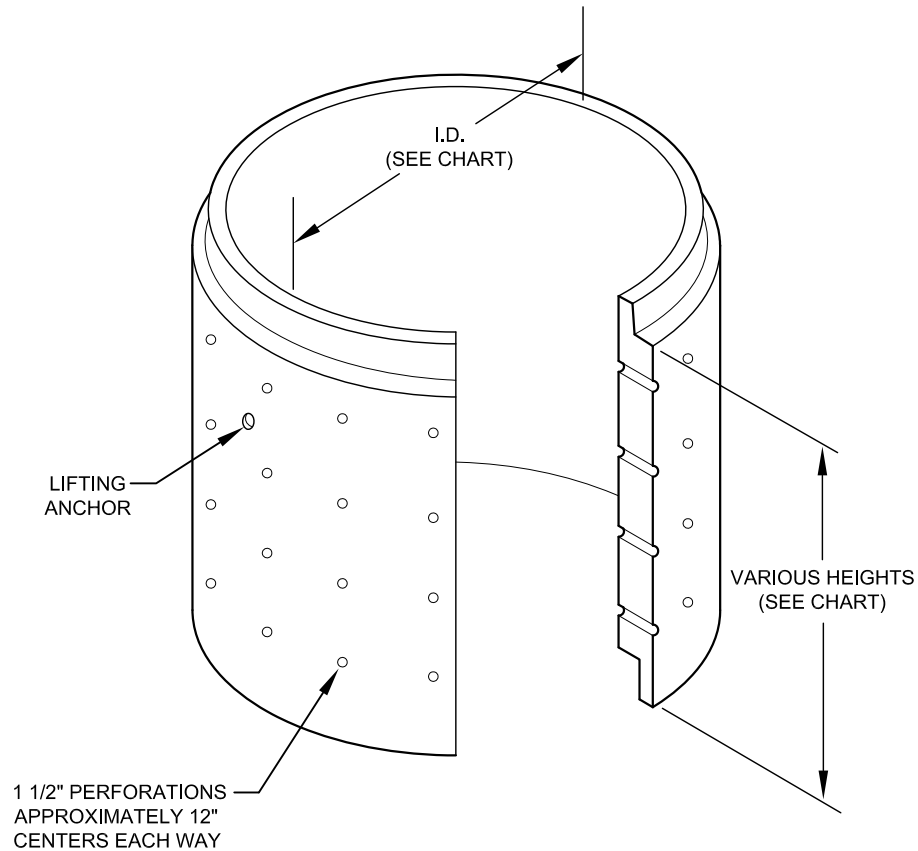


144" MANHOLE JOINT DETAIL



48" - 120" MANHOLE JOINT DETAIL

 <b>GENEVA PIPE</b> <small>Concrete products. concrete reliability</small>	SHEET: <b>MANHOLE RISERS</b>	
	SCALE: N.T.S.	DRAWN: RMP
PROJECT:	DATE: 3-1-2013	PROJECT #:
<b>STANDARD DRAWING</b>		
LOCATION:	SALT LAKE - OREM - ST. GEORGE	1 of 1




**NOTES:**

1. CONFORMS TO CURRENT ASTM C478 REQUIREMENTS.
2. MANUFACTURED USING TYPE III/V CEMENT WHICH MEETS THE REQUIREMENTS FOR BOTH TYPE III AND TYPE V CEMENT.

MANHOLE RISER SPECIFICATIONS					
MANHOLE I.D.	WALL THICKNESS	BARREL O.D.	JOINT DEPTH	AVAILABLE HEIGHTS	WEIGHT PER FOOT
48"	5"	58"	3/4"	1', 2', 3', 4'	850 lb
60	6"	72"	3 3/4"	1', 2', 3', 4', 5', 6', 7'	1,275 lb
72"	7"	86"	4"	1', 2', 3', 4', 5', 6', 7'	1,810 lb

\* TYPICALLY TWO LIFTING ANCHORS ARE PROVIDED FOR EACH RISER SECTION  
LIFTING ANCHORS FOR 72" MANHOLES ARE CONAC DR 8 TON ANCHORS

 <b>GENEVA PIPE</b> <small>Concrete products. concrete reliability</small>	SHEET: 48",60",72" PERFORATED MANHOLE	
	SCALE: N.T.S.	DRAWN: RMP
DATE: 3-1-2013		PROJECT #:
PROJECT: <b>STANDARD DRAWING</b>		
LOCATION: SALT LAKE - OREM - ST. GEORGE		1 of 1