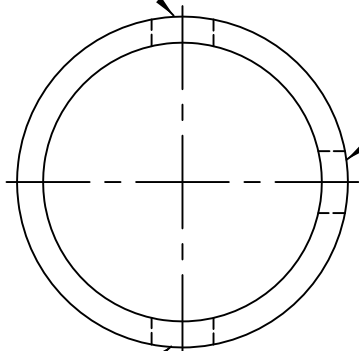


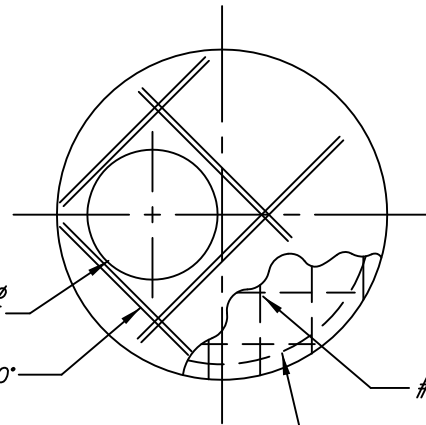
12" x 18"
DOGHOUSE OPENING



12" Ø OPENING
12" UP CL

12" x 18"
DOGHOUSE OPENING

PLAN VIEW



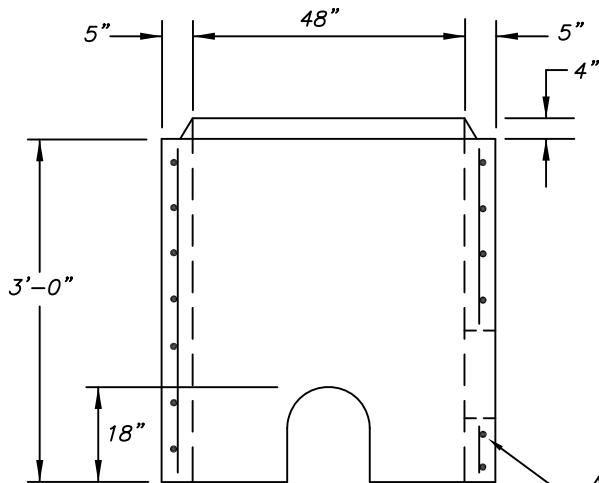
24" Ø OR 30" Ø
OPENING SIZE

2-#4 BARS AT 90°
EACH SIDE

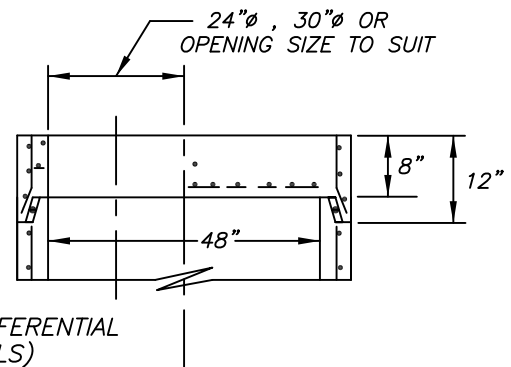
#4 @ 6" O.C.E.W.

AREA OF CIRCUMFERENTIAL
STEEL (SIDE WALLS)
.12 SQ IN PER LIN FT

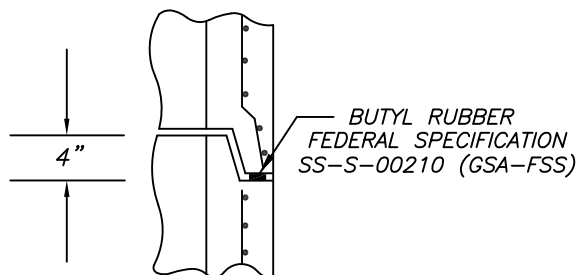
REINFORCEMENT LAYOUT
FOR TOP SLAB



BARREL ELEVATION



AREA OF CIRCUMFERENTIAL
STEEL (SIDE WALLS)
.12 SQ. IN. PER LIN. FT.



JOINT DETAIL

NOTES:

CONCRETE TO TEST 4000 PSI @ 28 DAYS
IN CONFORMANCE WITH ASTM C-478

Precast Manufacturing Co. , LLC		
187 Strykers Road Phillipsburg , N.J. 08865		
Tel. (908) 454-2122 - Fax (908) 454-0512		
CONT.		
JOB		
48" DIA. "DOGHOUSE" MANHOLE		
DATE	DRAWN BY	DRAWING NO.
1 / 17	CLASSIC DESIGN	3-4D