12" x 18" DOGHOUSE OPENING

12# OPENING 12" UP Q

24"Ø OR 30"Ø OPENING SIZE

2-#4 BARS AT 90° EACH SIDE AROUND OPENING GRADE 60 STEEL

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

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

REINFORCEMENT LAYOUT FOR TOP SLAB

5"
48"
5"
4"

3'-6"

.12 SQ. IN. PER LIN. FT.

SLOTTED BASE SLAB PART OF RISER

BARREL ELEVATION

18"

.12 SQ. IN. PER LIN. FT.

BUTYL RUBBER FEDERAL SPECIFICATION SS-S-00210 (GSA-FSS)

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 W/SLAB

DATE DRAWN BY DRAWING NO.

1 / 17 CLASSIC DESIGN 3-4DS