

BETHLEHEM TOWNSHIP MUNICIPAL AUTHORITY

3535 ORTH STREET

BETHLEHEM, PA. 18020



Suite 100
649 North Lewis Road
Limerick, PA 19468
Tel 610.495.0303
Fax 610.495.5855

STANDARD DETAILS

PROJECT NO.

1720.98

SCALE

NONE

PRECAST CONCRETE DOGHOUSE MANHOLE W/

REVISION

0

DATE

12/2015

CAST IN-PLACE BASE

PAVING OR
FINISHED GRADE

40" O.D.

MANHOLE FRAME & COVER,
SEE DETAIL

24" I.D.

JOINT SEALED WITH
DOUBLE 1" BUTYL
SEALANT

POLYPROPYLENE MH. STEPS M.A. INDUSTRIES OR EQUAL
@ 12" C/C INSTALLED BY PRECAST MH MFR.

6"

6"

9"

EXTERIOR SURFACE TREATED
WITH 20 MILS EPOXY
COATING (BEIGE).

48" DIA.

INTERIOR SURFACE TREATED
WITH 20 MILS EPOXY
COATING (WHITE).

NOTE: USE DOGHOUSE
MANHOLE ONLY WHEN
CONNECTING TO AN
EXISTING SEWER UNLESS
OTHERWISE APPROVED BY
THE AUTHORITY.

DOGHOUSE OPENINGS CAST
AS REQUIRED AND SEALED
WATERTIGHT.

CHANNEL

12"
TYP. CAST IN-PLACE
BASE

COMPACTED
AASHTO #8
OR #57
BEDDING

8"
MIN.

2"

2"
MIN.

MANHOLE
INVERT

8"
MIN.

PRECAST DOGHOUSE MANHOLE WITH IN-PLACE BASE