

CONCRETE 5000 PSI
REINF 60000 PSI
HS 20 LOADING

OPTIONAL COATINGS &
ADMIXTURES AVAILABLE:

- FE-100 THANE COAT
- BITUMASTIC
- XYPEX
- CONSHIELD
- PERMA-GLAZE

48" I.D. RISER SECTIONS
1'-0" THRU 4'-0" HEIGHTS
PER ASTM C-478

5" WALL THK

DOGHOUSE OPENING
SIZE AND LOCATION
AS REQUIRED

CAST IRON RING AND COVER
PER MANUFACTURER

ADJUSTMENT RINGS
AS REQUIRED

48" I.D. CONCENTRIC CONE
24", 30", OR 36" HEIGHTS

VARIABLES

VARIABLES

VARIABLES

GENERAL NOTES:

CONCRETE DESIGN STRENGTH OF 5000 PSI AT 28 DAYS
CLASS 1 CONCRETE

REINFORCING ASTM A615, GRADE 60

DESIGN LOADING AASHTO HS 20-44

FLEXIBLE CONNECTORS PER ASTM C-923

SITE PREPARATION, EXCAVATION, BEDDING AND BACKFILL BY
CONTRACTOR



AquaVault

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WATER CONTROL & CONTAINMENT SOLUTIONS

**48"Ø PRECAST CONCRETE
MANHOLE WITH DOGHOUSE**

SCALE: 1/4"=1'-0"

DWG. NO.

DATE: 03-26-21

48MHDH

FILE: 48MHDH