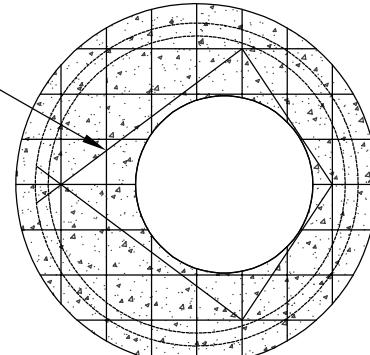
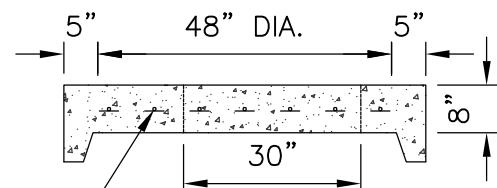


LOWER PLAN

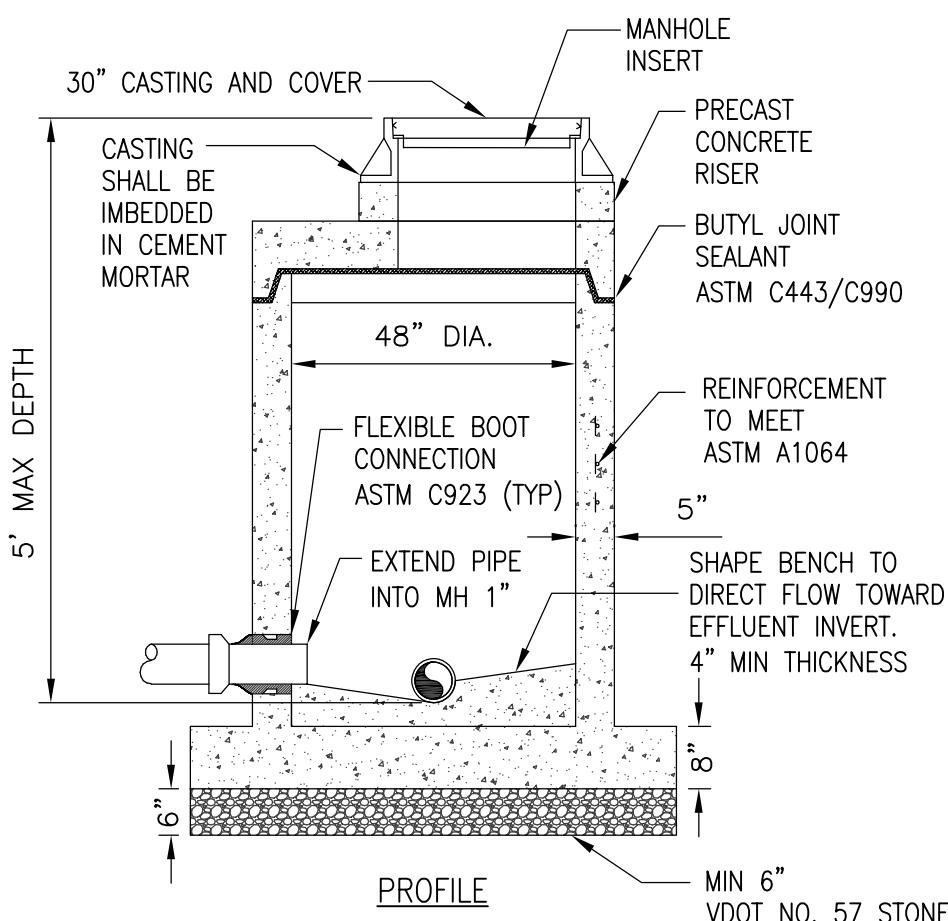
WELD WHERE
REINFORCEMENT
OVERLAPS
(TYP.)



TOP PLAN



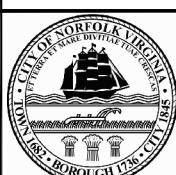
TOP PROFILE



30" CASTING AND COVER
CASTING SHALL BE IMBEDDED IN CEMENT MORTAR
5' MAX DEPTH
6"
MANHOLE INSERT
PRECAST CONCRETE RISER
BUTYL JOINT SEALANT ASTM C443/C990
REINFORCEMENT TO MEET ASTM A1064
FLEXIBLE BOOT CONNECTION ASTM C923 (TYP)
EXTEND PIPE INTO MH 1"
SHAPE BENCH TO DIRECT FLOW TOWARD EFFLUENT INVERT. 4" MIN THICKNESS
REINFORCEMENT TO MEET ASTM A1064
NOTE:
1. ALL MANHOLE WALLS SHALL RECEIVE INSIDE APPLICATION OF SIKAGARD HIGH-BUILD OR APPROVED EQUAL APPLIED IN 3-4 COATS OF 4-7 MILS.
2. JOINTS, LIFT HOLES & CHIPS TO BE POINTED WITH NONSHRINK GROUT AND COATED WITH SIKAGARD HIGH-BUILD OR APPROVED EQUAL ON INSIDE WALL, AND PAINTED WITH BITUMINOUS COATING ON OUTSIDE WALL.
3. MANHOLE SHALL MEET ALL REQUIREMENTS OF ASTM C478.
4. CONCRETE SHALL BE 4000 PSI COMPRESSIVE STRENGTH MINIMUM.
5. BASES SHALL BE EXTENDED MONOLITHIC TYPE.

NOTE:

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DATE: 03/18

CITY OF NORFOLK – DEPARTMENT OF UTILITIES
STANDARD DETAILS

PRECAST SEWER MANHOLE
FOR DEPTHS 3 FEET TO 5 FEET

SCALE:
NOT TO SCALE

DRAWING NO.
CS 02