1. PRECAST REINFORCED CONCRETE

STRENGTH SHALL BE 4000 PSI.

WITH ASTM C-478

PWC RING AND 2. MIN. CONCRETE COMPRESSIVE

COVER. SEE

MANHOLES SHALL BE IN ACCORDANCE

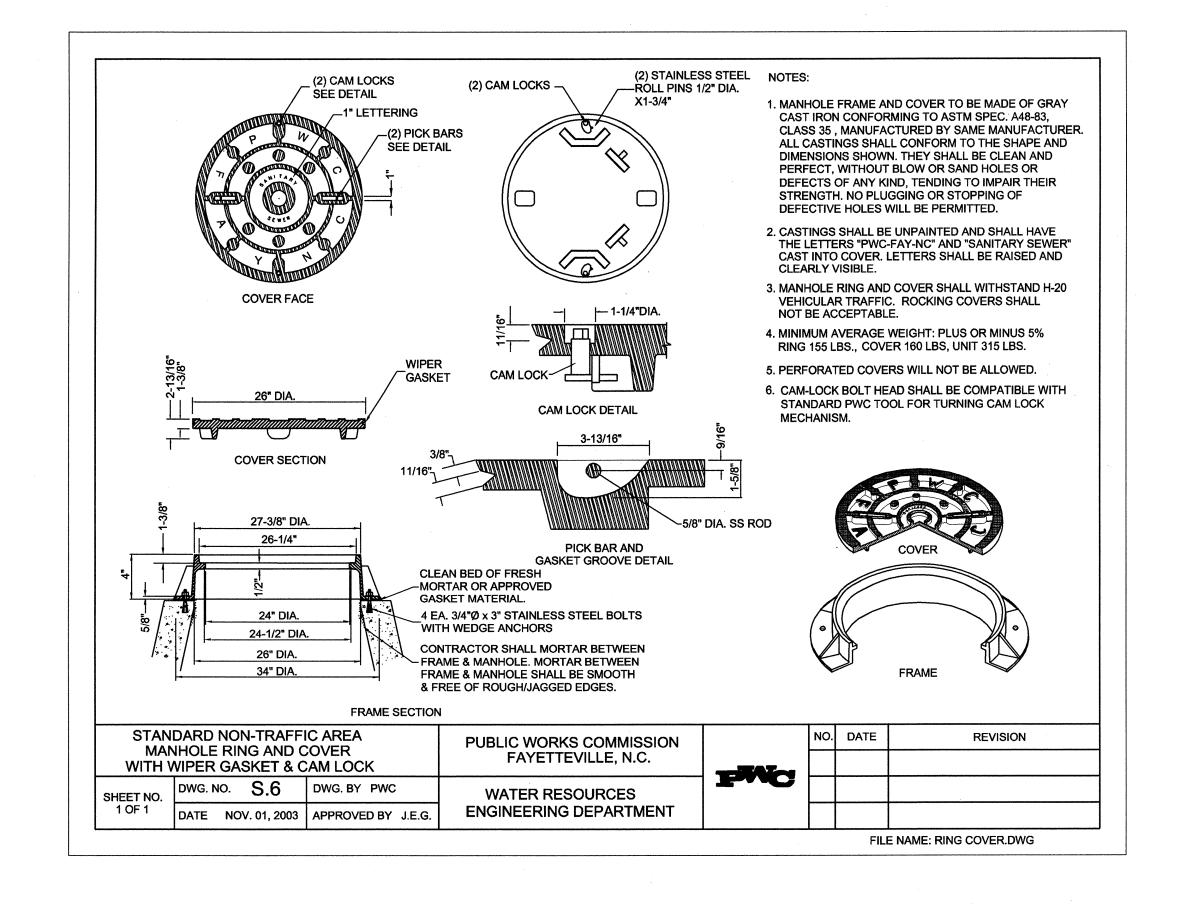
PIPE SIZES MANHOLE SIZE MIN. WALL THICKNESS MIN. REINF. STEEL MIN. BASE THICKNESS 21" & LESS 48" DIAMETER 5" ASTM A-185 0.12 SQ./IN. 6"

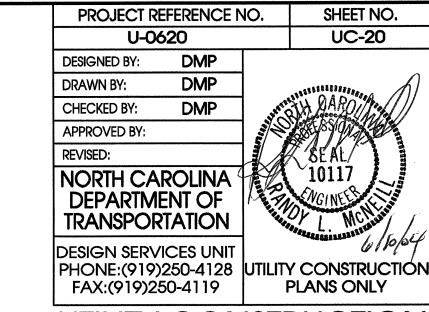
MANHOLE DIAMETER SIZES MAY BE ADJUSTED ON THE PLANS TO REFLECT SPECIAL CIRCUMSTANCES. REDUCING SLABS ARE NOT ACCEPTABLE ON MANHOLES LESS THAN OR EQUAL TO 6' DIAMETER.

ASTM A-185 0.15 SQ./IN

24" - 36" 60" DIAMETER

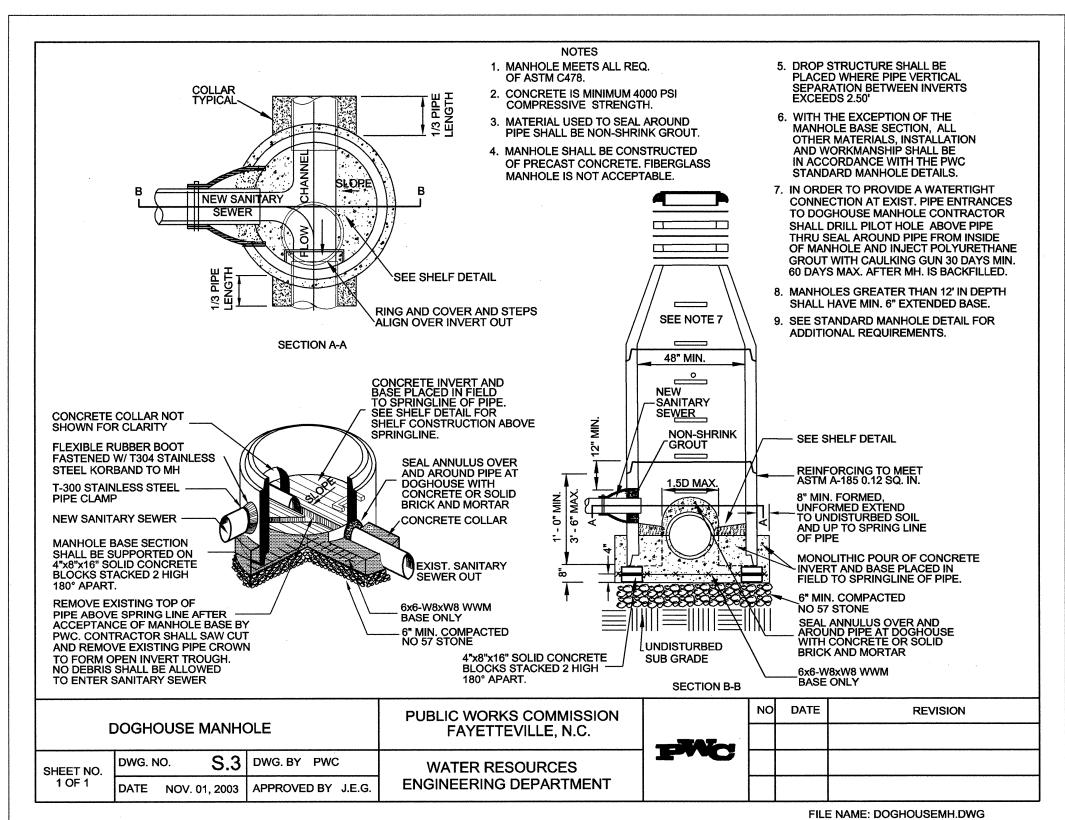
72" DIAMETER

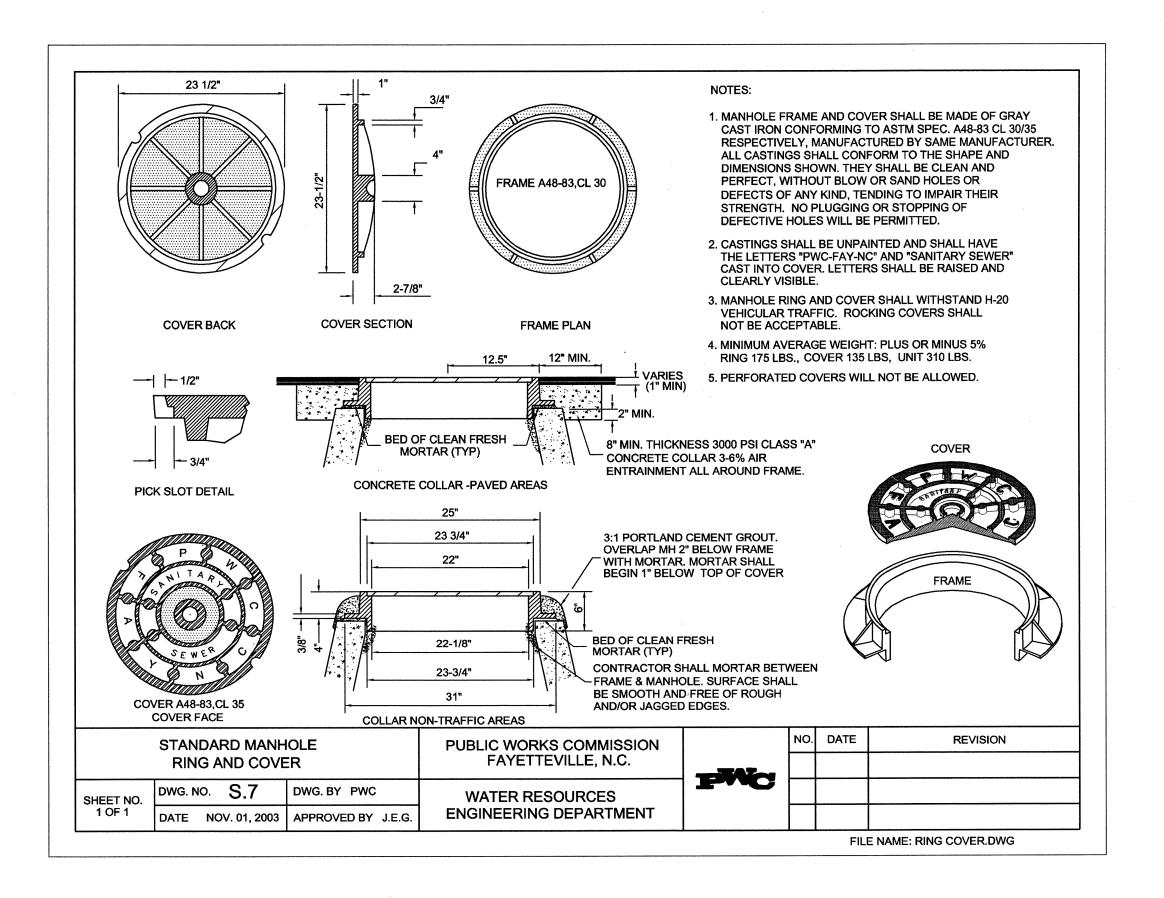


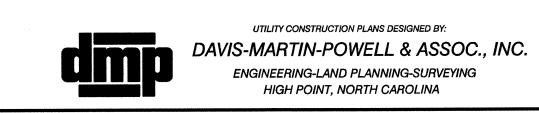


UTILITY CONSTRUCTION

NOTE: THESE PWC STANDARDS HAVE BEEN MODIFIED BY THE NCDOT.







NAME: 11:\DOT-11C\11620-11C\4CAD-DWCS-DETAH S\DETAH dwa - sheet 20 10 2004 - 2:29cm