Landscape Architecture

LKC Engineering, pllc 140 Aqua Shed Court Aberdeen, NC 28315 O: 910.420.1437 F: 910.637.0096

PROJECT REFERENCE NO. SHEET NO. U-3628 UC-3B DESIGNED BY: MAL Ikcengineering.com License No. P-1095 DRAWN BY: CHECKED BY: MAL APPROVED BY: -

> DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC.

NORTH CAROLINA

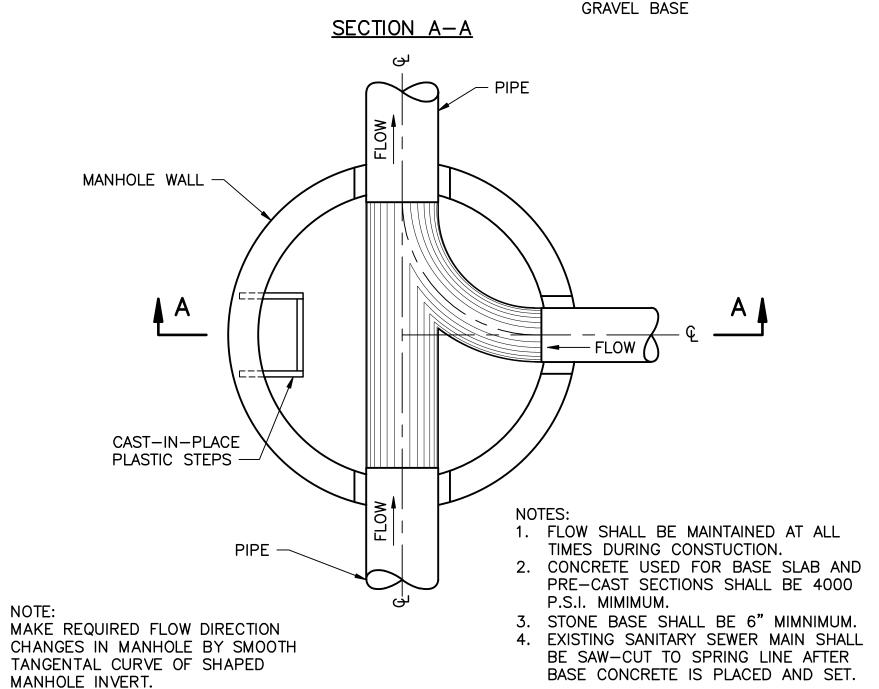
REVISED:

PHONE: (919) 707-6690 FAX: (919) 250-4151 UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

036286

- WATER TIGHT MANHOLE 24" RING AND COVER - 6x6 W2.9xW2.9 SINGLE MAT REINF. IN CENTER THIRD OF WALL AND IN TONGUE AND GROOVE **TAPERED** LIFTING HOLE AS REQUIRED CONTRACTOR SHALL EXTERNALLY SEAL ALL RISER SECTIONS OF MANHOLES WITH 6" WIDE MASTIC WATERPROOFING TAPE - CAST-IN-PLACE PLASTIC STEPS TYP. PROVIDE FILLET SHAPED INLET CHANNEL TANGENT TO OUTLET INVERT SHAPED CONCRETE INVERT -6" MIN. SCREENED

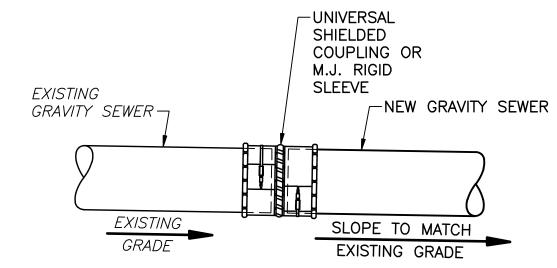


PRECAST DOGHOUSE MANHOLE NOT TO SCALE

PLAN VIEW

UNIVERSAL SHIELDED COUPLING REQUIREMENTS:

UNIVERSAL SHIELDED COUPLINGS SHALL HAVE EPDM RUBBER ELASTOMER GASKETS THAT WITHSTAND TENSION & COMPRESSION, 304 STAINLESS STEEL SHEAR BAND WITH A MINIMUM THICKNESS OF .0315", 304 STAINLESS STEEL CLAMPS WITH ULTIMATE TORQUE OF 150 IN/LBS, HIGH IMPACT POLYAMIDE SECURING CAGE, AND EACH NOMINAL DIAMETER COUPLING MUST BE SUITABLE FOR MULTIPLE PIPE MATERIALS.



GRAVITY SEWER RECONNECTION

NOT TO SCALE

GENERAL NOTE:

CONTRACTOR SHALL BACKFILL ALL TRENCHES, BORE PITS, AND OTHER EXCAVATIONS AT THE END OF EACH WORK DAY. NO TRENCHES, BORE PITS, OR OTHER EXCAVATION SHALL BE LEFT OPEN OVERNIGHT.