EXISTING GRADE TRACER WIRE SHALL PENETRATE VALVE BOX APPROXIMATELY 6" BELOW GRADE WITH MIN. 2' EXTRA LENGTH COILED IN THE VALVE BOX ---LOCATOR BOX (1,000' MAX. GATE VALVE-INTERVAL) ~ DUCTILE IRON TEE FITTING.
ATTACH TRACER WIRE USING DUCT TAPE (TYP) FORCE MAIN PIPE FORCE MAIN PIPE-TRACER WIRE -DUCTILE IRON CROSS FITTING (ATTACH TRACER WIRE USING DUCT TAPE) ATTACH TRACER WIRE TO FITTING USING DUCT TAPE NOTES:

1. TRACER WIRE SHALL BE #10 COPPER SOLID CORE COPPER WIRE WITH GAS AND OIL RESISTANT INSULATION. 2. WRE SHALL BE STRAPPED TO ALL PVC FORCE MAIN PIPING WITH DUCT TAPE AT 12 FOOT INTERVALS ALONG THE PIPE.

3. SECURE WIRE TO ALL TEE AND CROSS FITTINGS WITH DUCT TAPE.

4. ALL SPLICES IN THE WIRE SHALL BE MADE WITH 3M DBR DIRECT BURY SPLICE KIT AN UNDERGROUND RATED, WATERTIGHT, AND APPROVED SPLICE CONNECTOR OR APPROVED

TRACER WIRE DETAIL

NOT TO SCALE

SUPPORT SPACING VARIES PER MANUFACTURER. DESIGN ENGINEER SHALL APPROVE/DETERMINE SPACING. SEAL END OF CASING PIPE AFTER TESTING POLYMER SKID WITH BRICK BULKHEAD -STAINLESS STEEL SUPPORTS-STEEL CASING PIPE <u>PLAN</u> NOTE: PIPE SUPPORT TO BE PLACED TO PROVIDE PROPER SUPPORT, ALIGNMENT, AND GRADE AS SPECIFIED. CONTINUOUS SUPPORTS MAY BE USED AS ALTERNATIVE. OIL, GREASE, OR PETROLEUM PRODUCT MAY NOT BE USED AS LUBRICANT. CARRIER PIPE -POLYMER SKID STAINLESS STEEL LEG SKID SPACING AND LEG SIZE VARIES BY PIPE SIZE -STEEL CASING PIPE AND PER MANUFACTURER. -DESIGN ENGINEER SHALL APPROVE/DETERMINE SPACING. STAINLESS STEEL BAND **SECTION A-A** IF NO REVISION IS SHOWN, THIS DETAIL REMAINS AS ORIGINALLY PROVIDED BY CFPUA. REV: **DESCRIPTION:** DATE: DETAIL: DETAIL NO: CAPE FEAR PUBLIC UTILITY AUTHORITY
235 GOVERNMENT CENTER DRIVE PIPE CASING SUPPORT DETAIL WILMINGTON, NC 28403 SCALE: NOT TO SCALE | CFPUA DETAIL DATE SHEET NO: OFFICE: (910)332-6560 SSD-2 CFPUA REV. No: 1 Stewardship. Sustainability. Service.

STANDARD DETAILS





RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609–3960 NC LICENSE NO. F-0112 • (919) 878–9560

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WALL STATES 10/17/2017

SHEET NO.

UC-3e

PROJECT REFERENCE NO.

U-4751

UTILITY CONSTRUCTION PLANS

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