FHWA STATE DESIGN FEATURES RELATING TO CONSTRUCTION ₹S PROJECT ROUTE PROJECT UTILITY ADJUSTMENT DETAILS OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED 0117-128-101,RW-201 C-501 NECESSARY BY THE DEPARTMENT 20(27) 117 VA. CONNECT TO EXISTING SEPTIC SYSTEM CONNECT TO EXISTING MANHOLE MANHOLE SAFETY SLAB _CONNECTION TO EXIST SEPTIC LINE SHALL BE MADE BY A LICENSED PLUMBER SAW CUT AND — EXISTING LINE TO - FLEXIBLE COUPLING --- PROPOSED SANITARY SEPTIC TANK - TO REMOVE EXISTING (AS REQUIRED) SEWER PIPE BE ABANDONED - FLEXIBLE CONNECTOR (SEE VDOT STANDARD SMH-1) IROM HOUSE - GROUTED RCP SLEEVE PROP. 4" SEWER CLEANOUT - ABANDON EXISTING PROP 4" SEWER CLEANOUT ----NEW OPENING PROP BEND (45° OR AS REQUIRED) EXISTING MANHOLE BEGIN PAYMENT FOR CONN TO EXIST SEPTIC SYSTEM -PROP "Y" FITTING PROP 4" SEWER CLEANOUT 4" SANITARY SERVICE LATERAL CONNECTION (PAYMENT SEPERATE) (PAYMENT SEPERATE) -TO SANITARY SEWER MANHOLE PROP R/W^A 1 ABANDON EXISTING PIPE OPENING. 2. PROVIDE NEW PIPE OPENING THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A LICENSED PLUMBER TO MAKE 3 INSERT AND GROUT NEW RCP, CLASS III, SLEEVE THE ACTUAL CONNECTION TO THE SEPTIC LINE AS SHOWN IN THE DETAIL. THE CONTRACTOR TYPICAL INSTALLATION IS ONE SAFETY SLAB FOR EVERY 8 - 12 FEET OF MANHOLE DEPTH 4. INSERT NEW FLEXIBLE CONNECTOR. SHALL OBTAIN THE APPLICABLE SANITARY SEWER CONNECTION PERMITS FROM THE CITY OF 5. PROVIDE RESHAPING OF INVERT IN ROANOKE. THE PROPERTY OWNER IS REQUIRED TO PAY THE CONNECTION FEE THE ALL REINFORCEMENT ACCORDING TO ASTM C478 ACCORDANCE WITH VDOT STANDARD IS-1 SEPTIC TANK SHALL BE ABANDONED BY PUMPING THE TANK, REMOVING IT'S TOP, AND FILLING THE TANK WITH APPROVED BACKFILL IN ACCORDANCE WITH SECTION 303.04 (q) NO SCALE OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS (1991 ED) CONNECT TO EXIST SEPTIC 0.0.0.0.00 SYSTEM SHALL INCLUDE ALL MATERIALS FROM THE "Y" FITTING TO THE CONNECTION WITH THE SEPTIC SYSTEM THIS INCLUDES, BUT IS NOT LIMITED. TO THE FOLLOWING. 0.0.4.0.0 1-4" 45° BEND 1--4" WYE 2-4" SEWER CLEANOUTS TYPICAL INSTALLATION APPROX 25 L.F. 4" SANITARY SERVICE LATERAL NO SCALE (IN ACCORDANCE WITH NOTE 18 ON SHEET (2)) SECTION 1- ABANDON EXIST SEPTIC TANK 1-4" PLUG NO SCALE 1-4"-FLEXIBLE COUPLING SAMPLE TAP DETAIL CONNECT TO EXISTING WATER MAIN DETAIL (ALTERNATE METHOD WHEN EXISTING PIPE WILL NOT ACCEPT MECHANICAL RESTRAINING DEVICE) CLASS A3 CONCRETE -GATE VALVE AND BOX (SEE MATERIAL NOTE 2 SHEET 2) EXISTING OR PROPOSED FINISHED GRADE VARIABLE SIDE OF TRENCH -- EXISTING PIPE PIPE TO BE ABANDONED BRICKS AND MORTAR AS SIDE OF TRENCH REQUIRED = 3/4" ø GALV. ROD 4 REQ'D - PIPE RESTRAINTED WITH MECHANICAL JOINT RESTRAINING DEVICES PROPOSED WATER IN ACCORDANCE WITH NOTE 3 ON SHEET (2). 1 CU FT VDOT NO 68 STONE MAIN PLAN VIEW 4- 3/4" TYPE "K" COPPER SERVICE LINE TAP DIRECT OR USE TAPPED SLEEVE --- 5 FEET MIN. 3/4" ø GALV ROD 4 REQ'D NO SCALE CLASS A3 CONCRETE NO SCALE SECTION A-A

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