Docusign Envelope ID: F1126FCB-2C41-432E-A602-9724DC0BF83D UC-3G BR-0086 DESIGNED BY: SMH DRAWN BY: CHECKED BY: APPROVED BY: JLL REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151 FINAL DESIGN NOT FOR CONSTRUCTION DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED <u>NOTES</u> 8" FORCE MAIN SEWER SHALL BE CLASS 350 DIP. DIP IN SEWER SERVICE SHALL HAVE AN INTERIOR LINING OF PROTECTO 401 OR APPROVED EQUAL. PROVIDE POLYETHLYENE ENCASEMENT ON DIP. 12" FORCE MAIN SEWER SHALL BE DR-25 PVC. ALL PIPING JOINTS, BENDS, FITTINGS, AND SPECIALS SHALL BE RESTRAINED JOINT TYPE. BLOCKING AND BRACING SHALL BE USED IN CONJUNCTION IS BRK BLDG WITH RESTRAINED JOINT PIPE. EA 12"X8" TEE 7. PIPE CROSSINGS WITH LESS THAN 18" OF CLEARANCE TEMPORĂRY BYPASS PUMPING CONNECTION-SHALL REQUIRE A CONCRETE SADDLE TO BE PROVIDED. SEE NOTE 12 DEFLECT PIPE JOINTS HORIZONTALLY AND/OR VERTICALLY AS NECESSARY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO MATCH ALIGNMENTS SHOWN. 1 - EA 8" PLUG VALVE CLOSE EXISTING VALVE. THIS SEGMENT OF PIPE WILL RADIO — SERVE AS A TEMPORARY CONNECTION TO THE EXISTING 8-INCH FORCE MAIN UNTIL THE 12-INCH FORCE MAIN 1 - EA 12" PLUG VALVE ACROSS THE BRIDGE IS READY FOR SERVICE. TEMPORARY CHAIN LINK FENCE 10. DEMOLITION AND ABANDONMENT OF 8" FORCE MAIN TO BE ABANDONED BY OTHERS SEWER INSIDE PUMP STATION FENCE LINE AND 12" GRAVITY SEWER ALONG US 301 TO BE COMPLETED BY OTHERS AS PART OF NEUSE RIVER WASTEWATER PUMP STATION 3+50 REPLACEMENT PROJECT. 11. CONTRACTOR SHALL MAINTAIN SEWER SERVICE TO THE NEUSE RIVER WASTEWATER PUMP STATION. COORDINATE PWW WITH NEUSE RIVER WASTEWATER PUMP STATION REPLACEMENT PROJECT CONTRACTOR BEFORE - REMOVE EXISTING FENCE TO ABANDONMENT OF EXISTING 8" FORCE MAIN SEWER. FACILITATE CONSTRUCTION 12. UPON COMPLETION OF CONSTRUCTION, CLOSE BURIED VALVE, REMOVE VALVE BOX, AND PROVIDE RJ PLUG ON VALVE. 1 - EA 12" PLUG VALVE 1 - EA 12"X8" TEE — SEE NOTE 9 1 - EA 8" PLUG VALVE 1 - EA 8 TAPPING SLEEVE AND VALVE 32 - LF 8" FORCE MAIN SEWER **─** PROP 1 - EA 8" 90 DEG BEND — TO BE ABANDONED BY OTHERS DIP (SEE NOTE 9) EXISTING PUMP STATION AND FORCE MAIN TIE-IN PLAN