PROJECT REFERENCE NO.	SHEET NO.
U-5748	EC-05A/CONST.5
R/W SHEET NO.	

Prepared in the Office of: AECOM — NC FIRM LICENSE No: F-0342, 5438 Wade Park Blvd, Suite 200, Raleigh, NC 27607, (919) 854-6200 - (919) 854-6259 (FAX)

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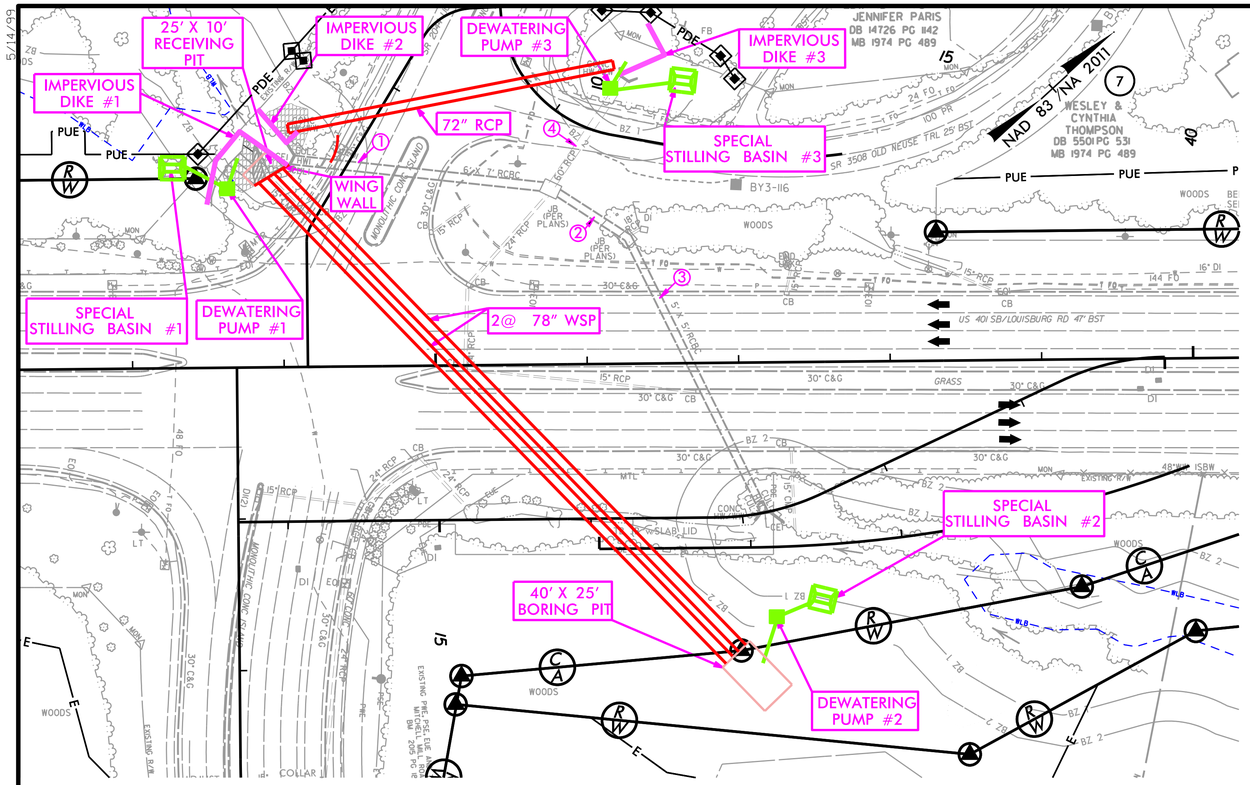
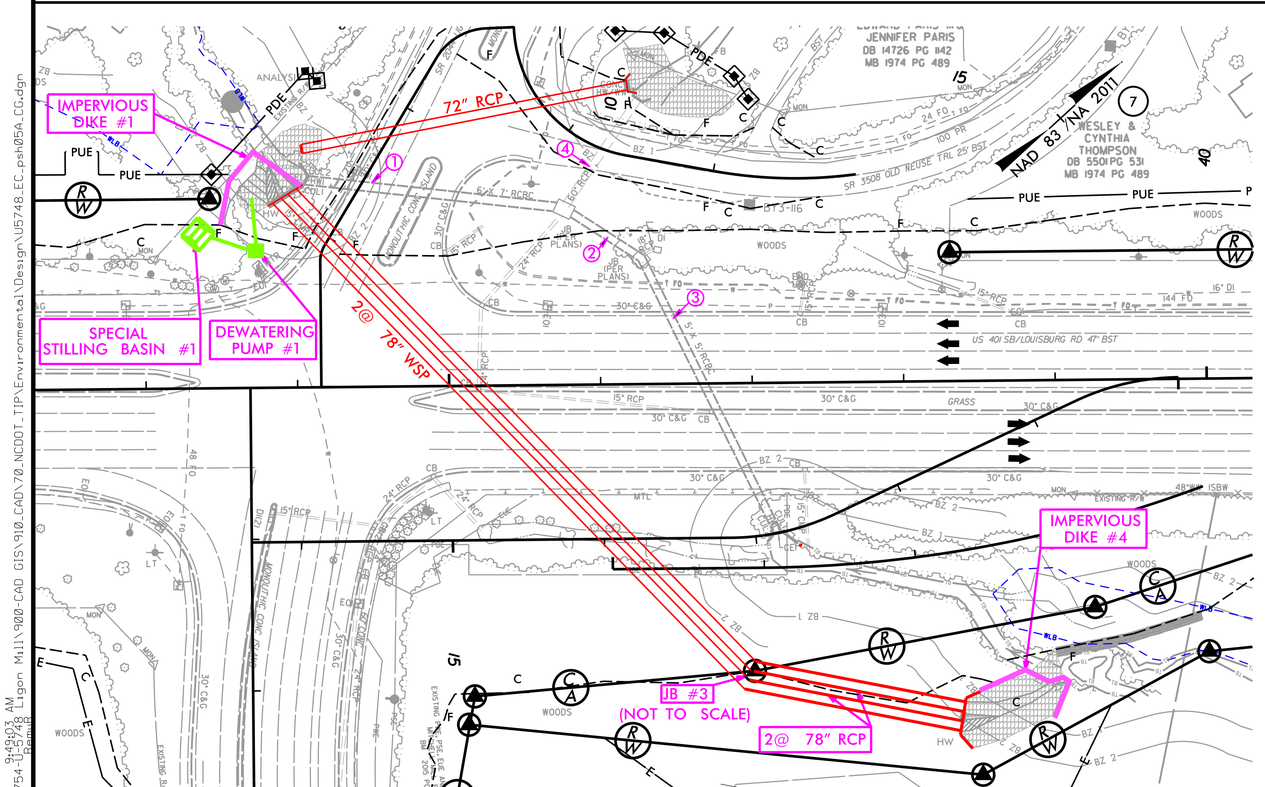
PLANS



CONSTRUCTION SEQUENCE
STA. 35+13 –L–
FOR PROPOSED 2 @ 78"
STA. 15+86 –Y4–
FOR PROPOSED 72"

PHASE I

1. INSTALL IMPERVIOUS DIKE #1, SPECIAL STILLING BASIN #1 AND DEWATERING PUMP #1.
2. REMOVE SOUTHERN WING WALL AT THE OUTLET OF EXISTING CULVERT #1.
3. CONSTRUCT THE 40' X 25' BORING PIT AND THE 25' X 10' RECEIVING PIT.
4. INSTALL SPECIAL STILLING BASIN #2, AND DEWATERING PUMP #2.
5. WHILE MAINTAINING FLOW IN THE EXISTING BOX CULVERTS #1, #2, #3 AND #4, INSTALL THE DUAL 78" WSP (TRENCHLESS INSTALLATION), INSTALL OUTLET CHANNEL AND BANK STABILIZATION INSIDE THE IMPERVIOUS DIKES #1 AND #2, USING DEWATERING PUMP AS NEEDED.
6. WHILE MAINTAINING FLOW IN EXISTING 60" RCP (CULVERT #4), INSTALL IMPERVIOUS DIKES #2 AND #3; SPECIAL STILLING BASIN #3 AND DEWATERING PUMP #3
7. INSTALL 72" RCP AND INLET BANK STABILIZATION. USING IMPERVIOUS DIKE AND USE DEWATERING PUMP AS NEEDED WHILE INLET STABILIZATION IS INSTALLED AND MAY NEED TO ADJUST IMPERVIOUS DIKE #3 TO COMPLETE RIP RAP INSTALLATION.



CONSTRUCTION SEQUENCE
STA. 35+13 –L–
FOR PROPOSED 2 @ 78"
STA. 15+86 –Y4–
FOR PROPOSED 72"

PHASE II

1. REMOVE THE BORING AND RECEIVING PITS, SPECIAL STILLING BASINS #2, AND #3 AND DEWATERING PUMPS #2, AND #3.
2. INSTALL IMPERVIOUS DIKE #4.
3. INSTALL JUNCTION BOX #3, THE DUAL 78" RCP, AND INLET BANK STABILIZATION. USE IMPERVIOUS DIKE AND DEWATERING PUMP AS NEEDED TO MAINTAIN A DRY WORK AREA.
4. CONSTRUCT THE REMAINING SECTION OF THE OUTLET BANK STABILIZATION. USE IMPERVIOUS DIKE AND DEWATERING PUMP AS NEEDED TO MAINTAIN A DRY WORK AREA.
5. REMOVE IMPERVIOUS DIKES #1 AND #4 AND DEWATERING PUMP #1 AND DIVERT FLOW INTO THE NEWLY CONSTRUCTED DUAL 78" PIPES.
6. REMOVE IMPERVIOUS DIKES #2 AND #3 AND DIVERT FLOW INTO THE NEWLY CONSTRUCTED DUAL 72" RCP.
7. PLUG AND FILL EXISTING CULVERT #4.

PHASE III

1. PLUG AND FILL EXISTING RCBC #1, #2, AND #3.
2. FILL EXISTING CHANNEL FROM THE INLET OF EXISTING RCBC #3 TO THE INLET OF THE NEW 78" RCP.
3. COMPLETE ROADWAY.

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