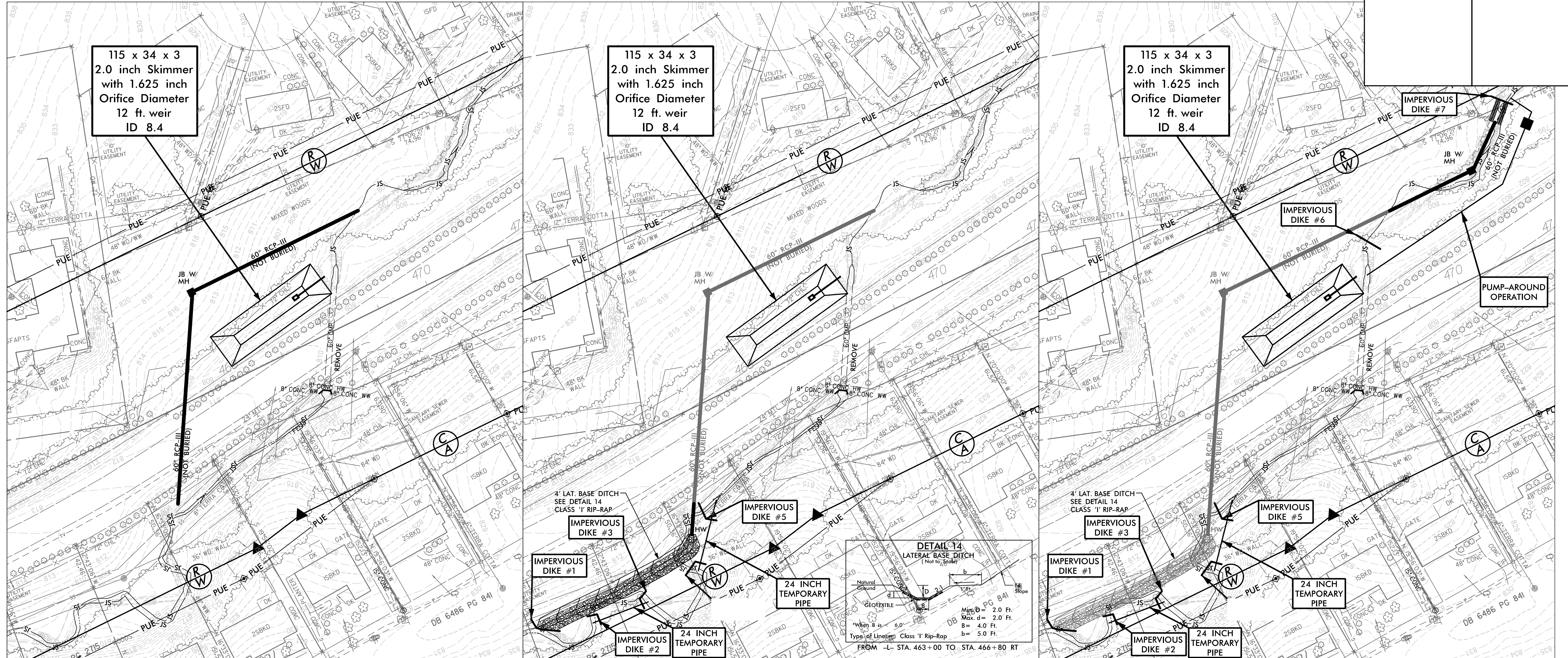


CULVERT CONSTRUCTION SEQUENCE

HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

PROJECT REFERENCE NO.	SHEET NO.
U-2524D	EC-8A/CONST.8
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PHASE 1
 AFTER TRAFFIC IS SHIFTED TO THE OFFSITE DETOUR
 1. CONSTRUCT APPROX. 366 LF OF 60" RCP & JUNCTION BOX WITH MANHOLE AS SHOWN.
 DEWATER CONSTRUCTION AREAS INTO SURROUNDING BASINS AND SPECIAL STILLING BASINS AS NEEDED.

PHASE 2
 WHILE TRAFFIC REMAINS ON OFFSITE DETOUR
 1. INSTALL IMPERVIOUS DIKES 1 - 5 AND BOTH 24" TEMPORARY PIPES AS SHOWN.
 2. CONSTRUCT THE REMAINING UPSTREAM PORTION OF THE PROPOSED 60" RCP & HEADWALL.
 3. CONSTRUCT APPROX. 171 LF OF PROPOSED 4' LAT. BASE DITCH
 DEWATER CONSTRUCTION AREAS INTO SURROUNDING BASINS AND SPECIAL STILLING BASINS AS NEEDED.

PHASE 3
 WHILE TRAFFIC REMAINS ON OFFSITE DETOUR
 1. INSTALL IMPERVIOUS DIKES 6 & 7 AND PUMP-AROUND OPERATION AS SHOWN.
 2. CONSTRUCT THE REMAINING JUNCTION BOX WITH SLAB LID & DOWNSTREAM PORTIONS OF THE PROPOSED 60" RCP.
 3. INSTALL DOWNSTREAM BANK STABILIZATION.
 4. REMOVE ALL IMPERVIOUS DIKES, 24" TEMPORARY PIPES, AND PUMP-AROUND OPERATION.
 5. REMOVE ANY SPECIAL STILLING BASINS USED AND/OR CLEAN OUT ANY SURROUNDING BASINS IF USED AS STILLING BASINS FOR CULVERT CONSTRUCTION.
 6. CONSTRUCT THE REMAINDER OF THE PROPOSED ROADWAY.
 DEWATER CONSTRUCTION AREAS INTO SURROUNDING BASINS AND SPECIAL STILLING BASINS AS NEEDED.