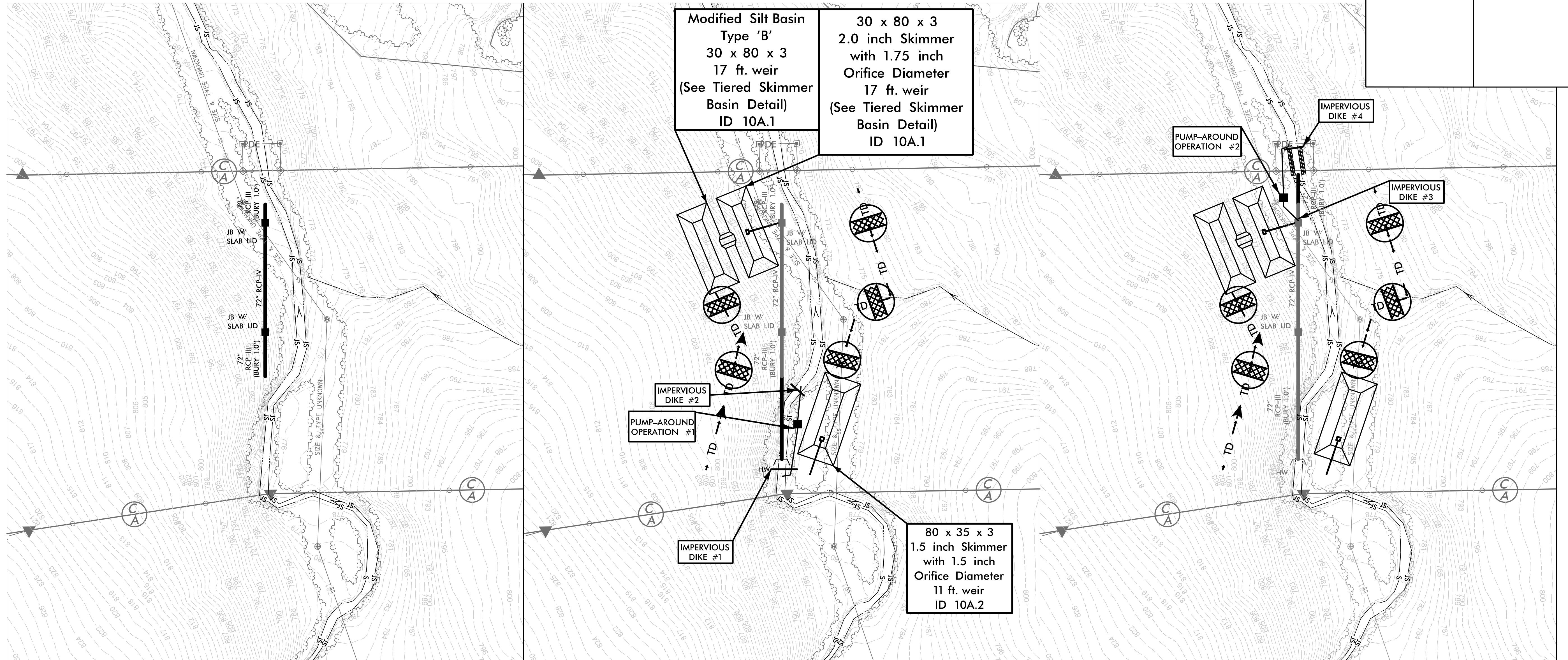


CULVERT CONSTRUCTION SEQUENCE



HNTB NORTH CAROLINA, P.C.
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 Raleigh, North Carolina 27609
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PROJECT REFERENCE NO.	SHEET NO.
U-2524D	EC-IIA/CONST.10A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PHASE 1

1. CONSTRUCT BOTH JUNCTION BOXES AND APPROX. 152 LF OF 72" RCP AS SHOWN.

DEWATER CONSTRUCTION AREAS INTO SURROUNDING BASINS AND SPECIAL STILLING BASINS AS NEED.

PHASE 2

1. INSTALL SKIMMER BASINS AND TEMPORARY DIVERSIONS AS SHOWN.
2. INSTALL TEMPORARY PUMP-AROUND OPERATION #1 AND IMPERVIOUS DIKES #1 & #2 AS SHOWN.
3. CONSTRUCT THE REMAINING PORTION OF PROPOSED UPSTREAM 72" RCP AND HEADWALL.

DEWATER CONSTRUCTION AREAS INTO SURROUNDING BASINS AND SPECIAL STILLING BASINS AS NEED.

PHASE 3

1. INSTALL IMPERVIOUS DIKE #3 INSIDE THE INLET OF THE 72" RCP AND PUMP-AROUND OPERATION #2 AS SHOWN.
2. REMOVE IMPERVIOUS DIKES #1 - #2 AND PUMP-AROUND OPERATION #1. INSTALL IMPERVIOUS DIKE #4.
3. CONSTRUCT THE REMAINING DOWNSTREAM PORTION OF THE 72" RCP AND DOWNSTREAM BANKSTABILIZATION.
4. REMOVE IMPERVIOUS DIKES #3 & #4 AND PUMP-AROUND OPERATION #2. ALSO REMOVE ANY SPECIAL STILLING BASINS USED AND/OR CLEAN OUT ANY SURROUNDING BASINS IF USED AS STILLING BASIN FOR CULVERT CONSTRUCTION.
5. CONSTRUCT THE PROPOSED ROADWAY.

DEWATER CONSTRUCTION AREAS INTO SURROUNDING BASINS AND SPECIAL STILLING BASINS AS NEED.