
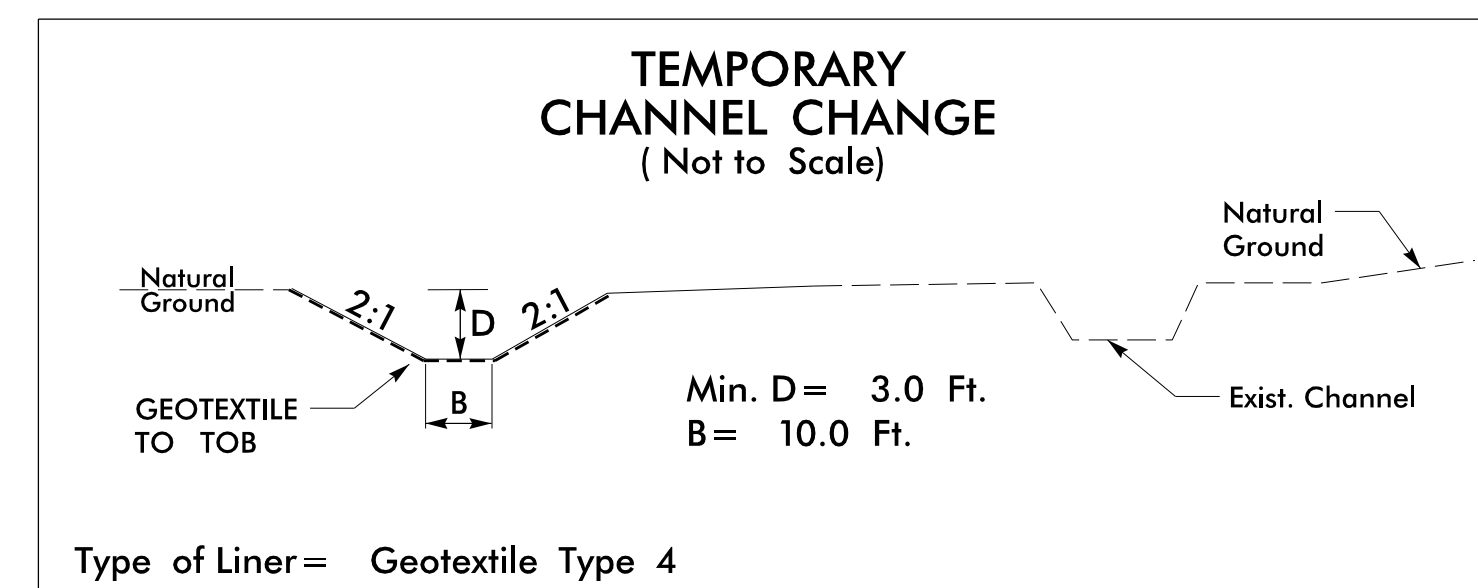
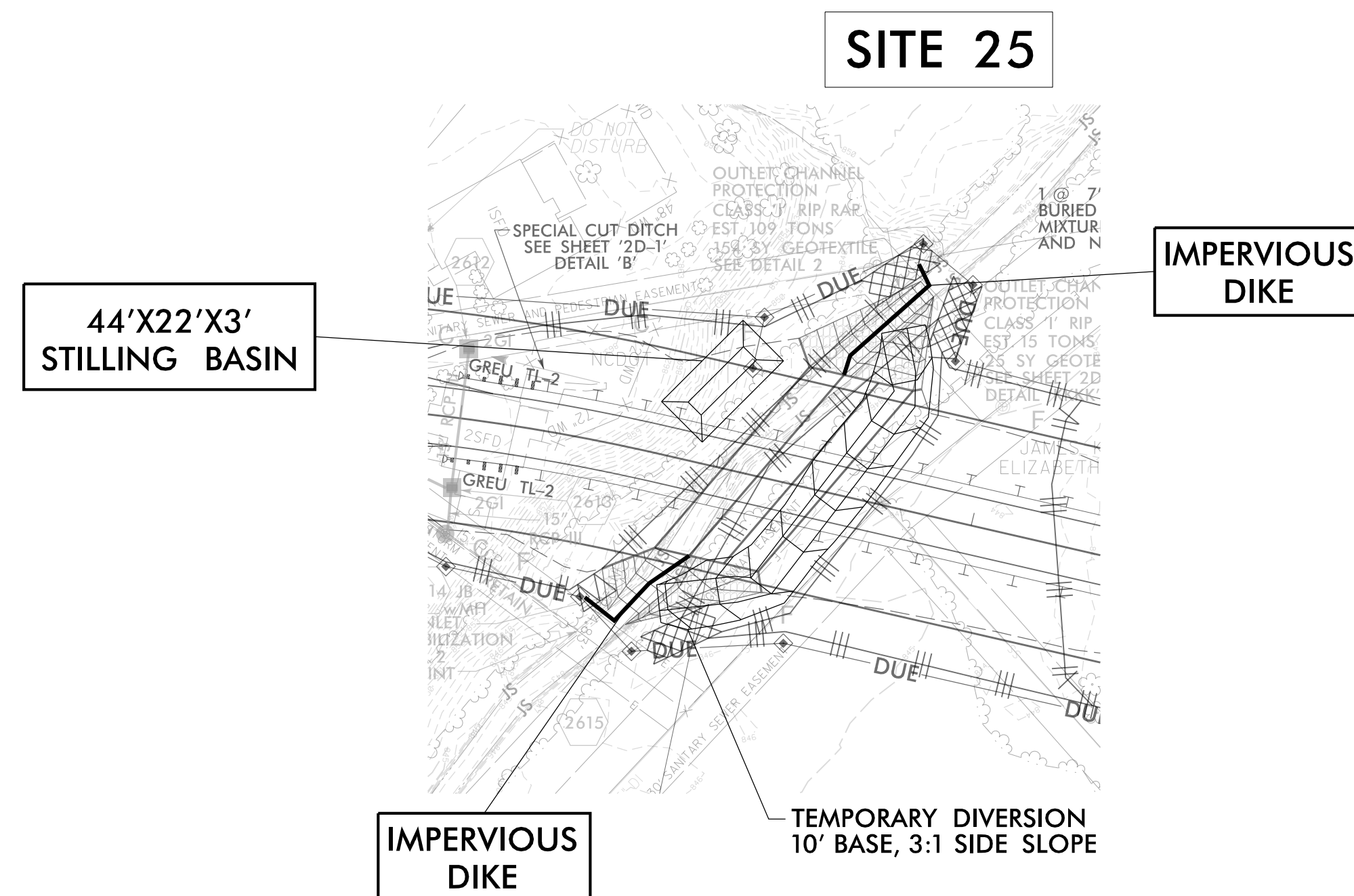


PROJECT REFERENCE NO. <i>U-2579AB</i>	SHEET NO. <i>EC-26A/CONST.26</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

# CULVERT CONSTRUCTION SEQUENCE STA. 18+25 -Y5B-

## PHASE 1

1. CONSTRUCT 44'X22'X3' STILLING BASIN.
2. CONSTRUCT 10' BASE TEMPORARY CHANNEL CHANGE WITH LINER. SECURE INLET AND OUTLET OF CHANNEL.
3. UTILIZE STILLING BASIN, TEMPORARY DIKES AND BYPASS PUMPS TO TIE TEMPORARY CHANNEL CHANGE INTO STREAM.
4. INSTALL IMPERVIOUS DIKES AS SHOWN TO DIRECT WATER FLOW AROUND THE WORK AREA INTO THE TEMPORARY CHANNEL CHANGE.
5. CONSTRUCT THE LEFT CULVERT BARREL USING STILLING BASIN AND PUMP TO DE-WATER THE WORK ZONE.
5. COMPLETE INLET AND OUTLET CHANNEL IMPROVEMENTS ON THE LEFT BANK.
6. REMOVE STILLING BASIN AND IMPERVIOUS DIKES TO ESTABLISH FLOW THROUGH NEWLY CONSTRUCTED LEFT CULVERT BARREL.



NOTE: CONTRACTOR TO USE BERMS AS NEEDED TO MAINTAIN A MINIMUM 3' DEPTH OF THE TEMPORARY CHANNEL CHANGE.

## PHASE 2

1. INSTALL IMPERVIOUS DIKES AT INLET AND OUTLET OF MIDDLE AND RIGHT CULVERT BARRELS.
2. CONSTRUCT MIDDLE AND RIGHT CULVERT BARRELS.
3. UTILIZE SPECIAL STILLING BASIN(S), TEMPORARY DIKES AND BYPASS PUMPS AS NEEDED TO DE-WATER THE WORK ZONE.
4. COMPLETE INLET AND OUTLET CHANNEL IMPROVEMENTS ON THE RIGHT BANK.
5. REMOVE IMPERVIOUS DIKES TO ESTABLISH FLOW THROUGH NEWLY CONSTRUCTED CULVERT.

