
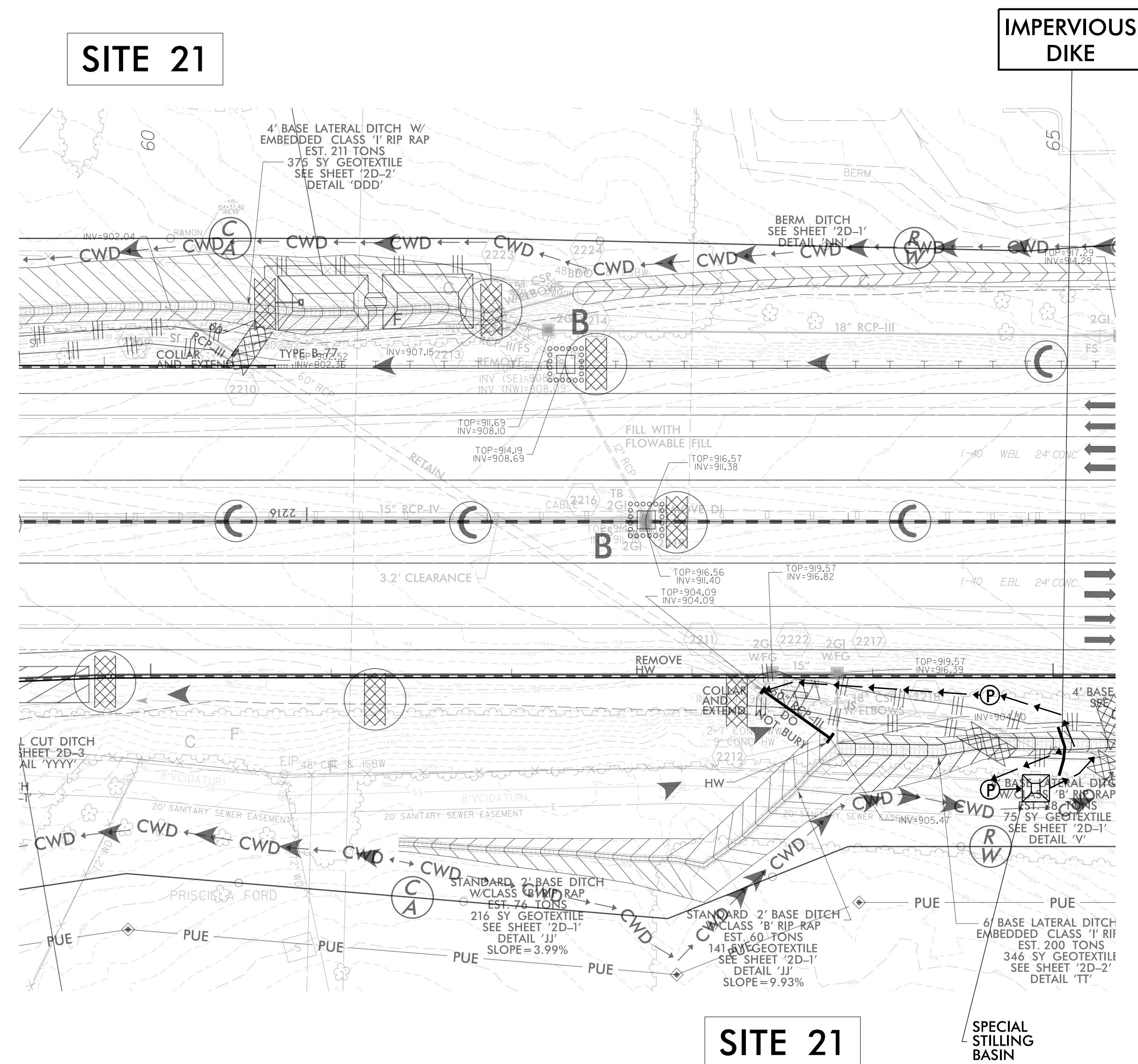


# CULVERT CONSTRUCTION SEQUENCE STA. 156 + 06 -Y15-

|   |  |                              |  |
|---|--|------------------------------|--|
| PROJECT REFERENCE NO.<br>U-2579AB   |  | SHEET NO.<br>EC-22A/CONST.22 |  |
| RW SHEET NO.  |  |                              |  |
| ROADWAY DESIGN ENGINEER   |  | HYDRAULICS ENGINEER          |  |
|  HDR Engineering, Inc. of the Carolinas<br>555 Fayetteville St, Suite 900 Raleigh, N.C. 27601<br>N.C.B.E.L.S. License Number: F-0116 |  |                              |  |

## PHASE 1

1. INSTALL IMPERVIOUS DIKE AND USE PUMP-AROUND OPERATION TO DIVERT STREAM FLOW THROUGH EXISTING 60" RCP.
2. INSTALL 60" RCP INLET EXTENSION UTILIZING PUMP AND SPECIAL STILLING BASIN(S) FOR DEWATERING OF THE WORK ZONE.
3. CONTINUE PUMPING THROUGH THE EXISTING PIPE AS NEW SECTIONS OF THE EXTENSION ARE INSTALLED.
4. INSTALL AND STABILIZE 4' BASE LATERAL DITCH AT UPSTREAM END OF 60" RCP INLET EXTENSION.
5. REMOVE IMPERVIOUS DIKE AND ESTABLISH FLOW THROUGH EXTENDED 60" RCP.



## PHASE 2

1. INSTALL AND STABILIZE 4' BASE LATERAL DITCH AT DOWNSTREAM END OF 60" RCP EXTENSION.
2. INSTALL IMPERVIOUS DIKE AND USE PUMP-AROUND OPERATIONS TO DIVERT STREAM FLOW TO STABILIZED DITCH.
3. INSTALL 60" RCP OUTLET EXTENSION UTILIZING PUMP AND SPECIAL STILLING BASIN(S) FOR DEWATERING OF THE WORK ZONE AS NEEDED.
4. REMOVE IMPERVIOUS DIKE AND ESTABLISH FLOW THROUGH EXTENDED 60" RCP.

