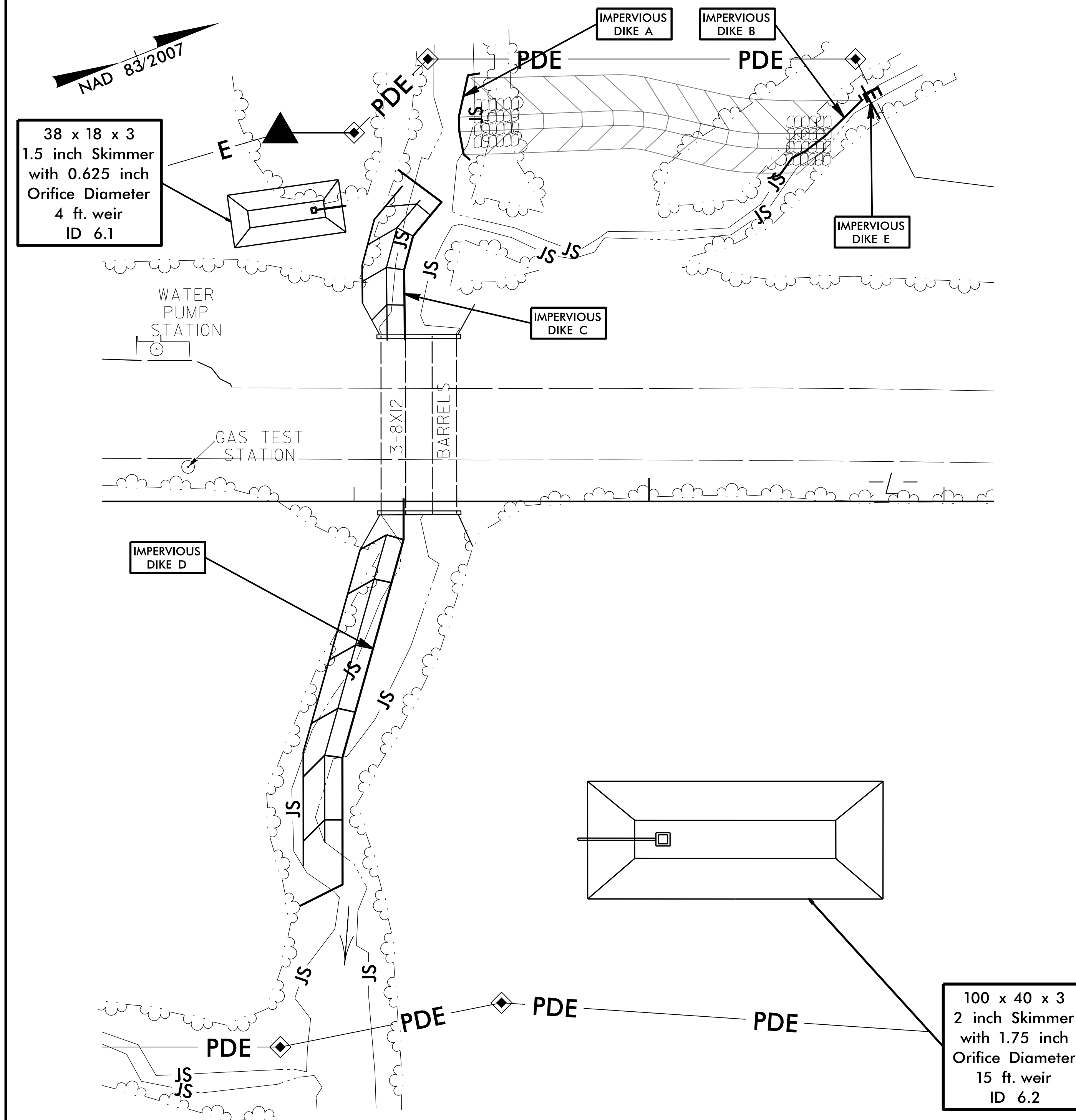


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|---------------------------------|---------------------------|
| PROJECT REFERENCE NO.<br>U-3633 | SHEET NO.<br>EC-7/CONST.6 |
| RW SHEET NO.                    |                           |
| ROADWAY DESIGN ENGINEER         | HYDRAULICS ENGINEER       |

# CULVERT CONSTRUCTION SEQUENCE STA. 54+15 -L-

## PHASE I

1. UTILIZE SKIMMER BASIN(S) OR SPECIAL STILLING BASIN(S) AS STILLING BASINS WHERE APPLICABLE.
2. INSTALL IMPERVIOUS DIKE A, B, C, AND D.
3. INSTALL THE LATERAL 5' BASE DITCH FOR STREAM RELOCATION.
4. INSTALL THE CULVERT DIVERSION CHANNEL (6' BASE, 4' DEEP AND 2:1 SIDESLOPES) TO DIRECT FLOW INTO SOUTHERN BARREL IN THE FUTURE.
5. REMOVE IMPERVIOUS DIKE A AND INSTALL IMPERVIOUS DIKE E.
6. UTILIZE A PUMP AROUND SYSTEM WHILE THE ENTRANCE OF LATERAL 5' BASE DITCH IS CONSTRUCTED.



## PHASE II

7. ONCE LATERAL 5' BASE DITCH IS STABILIZED REMOVE IMPERVIOUS DIKE E AND DIVERT FLOW INTO IT.
8. ADJUST IMPERVIOUS DIKE C AND D TO ALLOW WATER TO FLOW THROUGH THE CULVERT DIVERSION CHANNEL AND TO CLOSE OFF ACCESS TO THE TWO NORTHERN BARRELS.
9. BORE AND JACK 66" PIPE BENEATH EXIST ROADWAY.
10. CONSTRUCT THE CULVERT EXTENSIONS, WING WALL AND CHANNEL IMPROVEMENTS FOR 2 NORTHERN BARRELS.

