

TIP PROJECT: B-4041

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

BURKE COUNTY

LOCATION: BRIDGE NO. 57 ON SR 1244 OVER CANOE CREEK

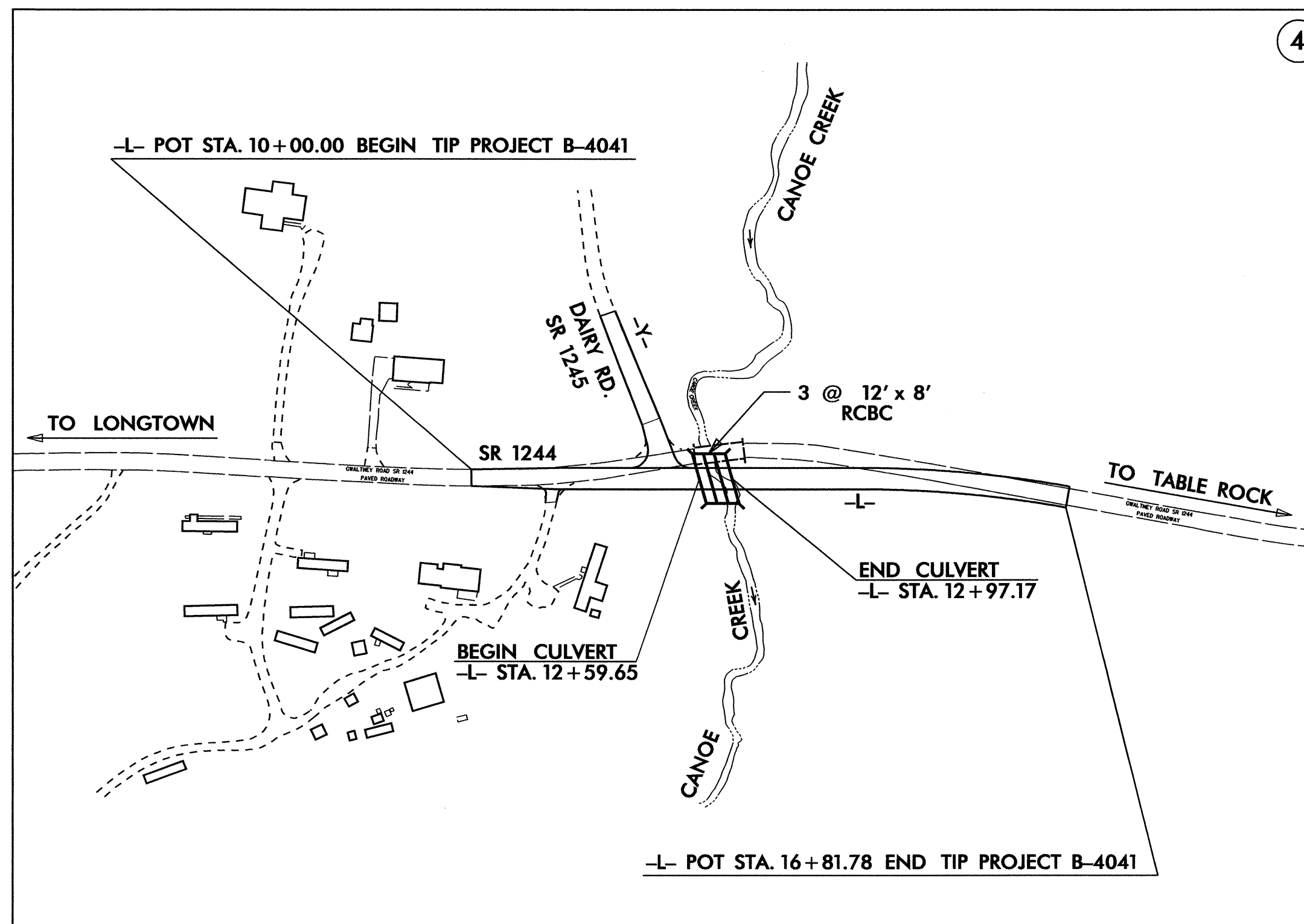
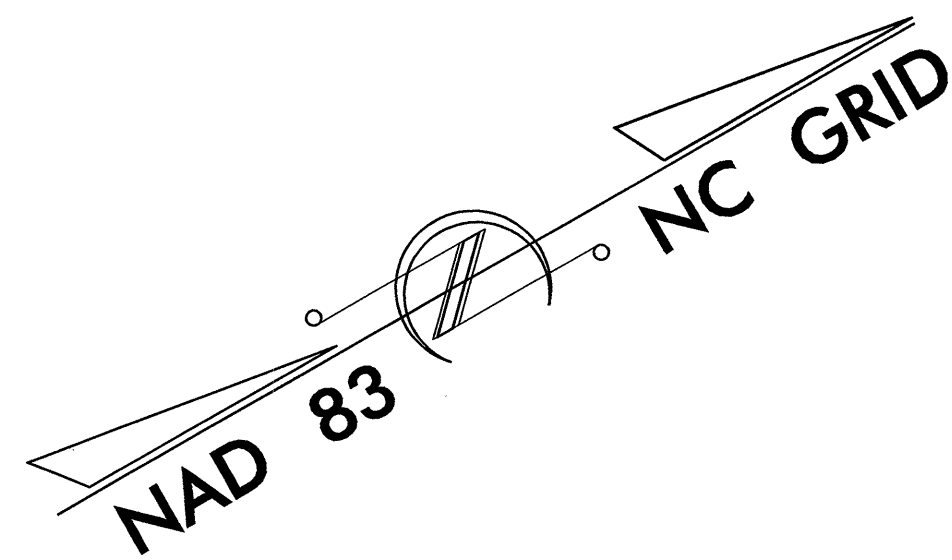
TYPE OF WORK: GRADING, PAVING, DRAINAGE AND CULVERT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4041	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

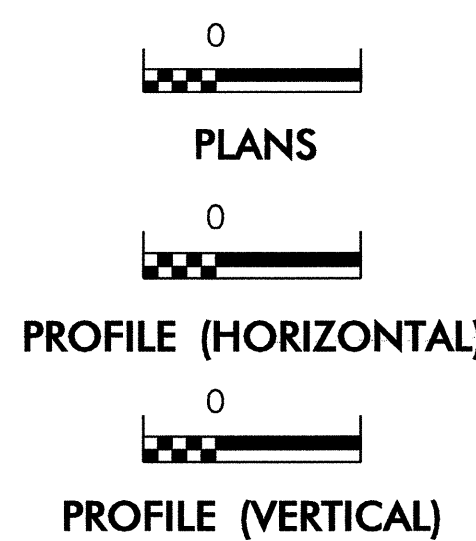
EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
	Streambank Reforestation.....	
1630.03	Temporary Silt Ditch.....	
1630.05	Temporary Diversion.....	
1605.01	Temporary Silt Fence.....	
1606.01	Special Sediment Control Fence.....	
1622.01	Temporary Berms and Slope Drains.....	
1630.01	Riser Basin.....	
1630.02	Silt Basin Type B.....	
1633.01	Temporary Rock Silt Check Type-A.....	
1633.02	Temporary Rock Silt Check Type-B.....	
1634.01	Temporary Rock Sediment Dam Type-A.....	
1634.02	Temporary Rock Sediment Dam Type-B.....	
1635.01	Rock Pipe Inlet Sediment Trap Type-A.....	
1635.02	Rock Pipe Inlet Sediment Trap Type-B.....	
1630.04	Stilling Basin.....	
	Rock Inlet Sediment Trap:	
1632.01	Type A.....	OR
1632.02	Type B.....	OR
1632.03	Type C.....	OR

**THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.**



GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

Prepared In the Office of:
ROADSIDE ENVIRONMENTAL UNIT
1 South Wilmington St.
Raleigh, NC 27611
2002 STANDARD SPECIFICATIONS

Roadway Standard Drawings

The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 20, 2002 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

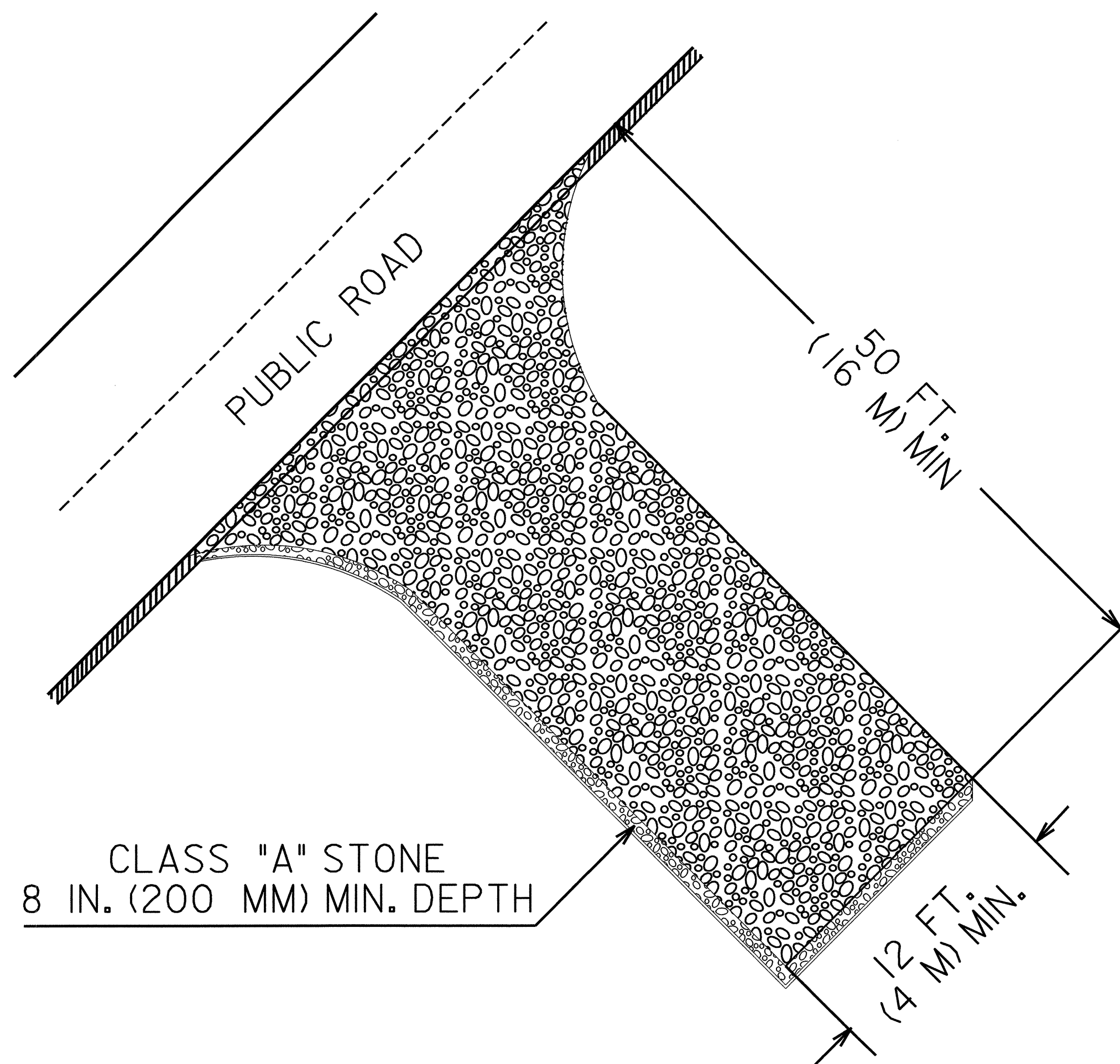
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|------------------------------|--|
| 1605.01 Temporary Silt Fence | 1633.01 Temporary Rock Silt Check Type A |
| 1630.03 Temporary Silt Ditch | 1633.02 Temporary Rock Silt Check Type B |
| 1630.04 Stilling Basin | 1634.02 Temporary Rock Sediment Dam Type B |
| 1630.05 Temporary Diversion | |

PROJ. REFERENCE NO. B-4041	SHEET NO. EC-2	TOTAL SHEETS
STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NOTES:

1. TURNING RADIUS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
2. ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
5. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER



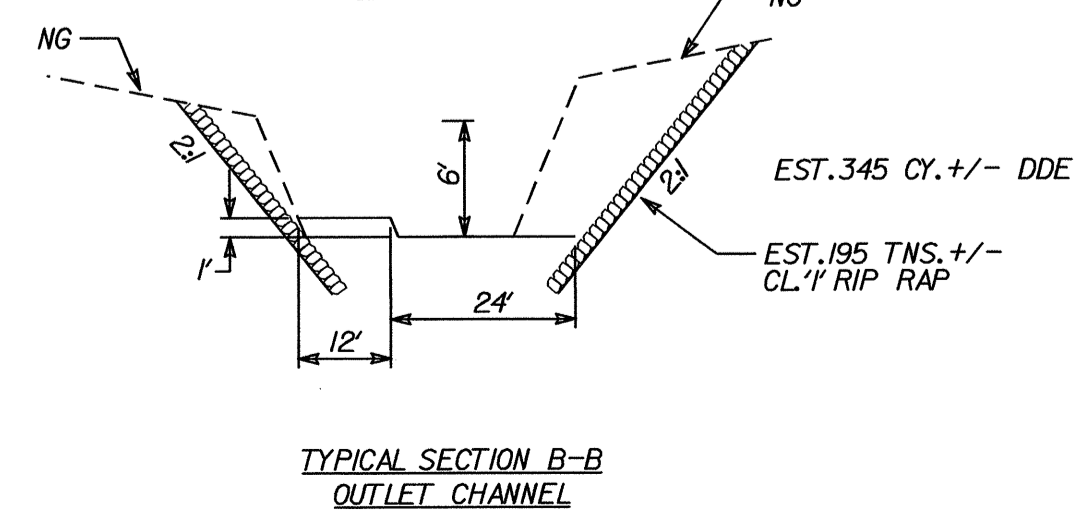
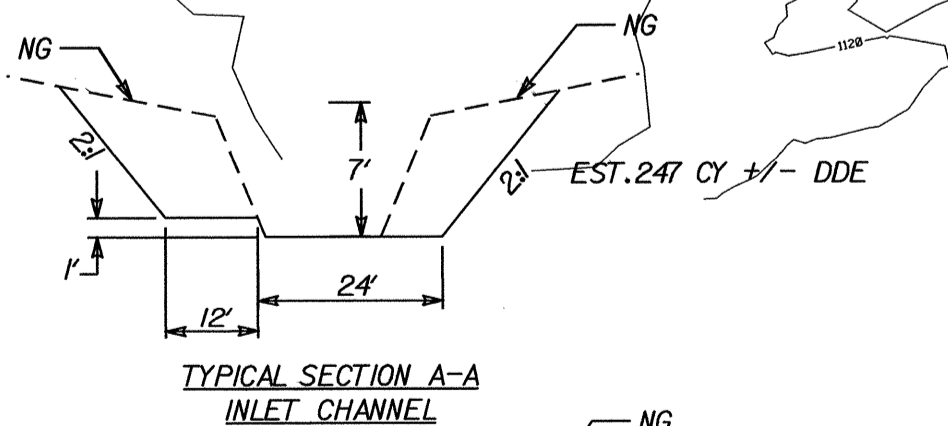
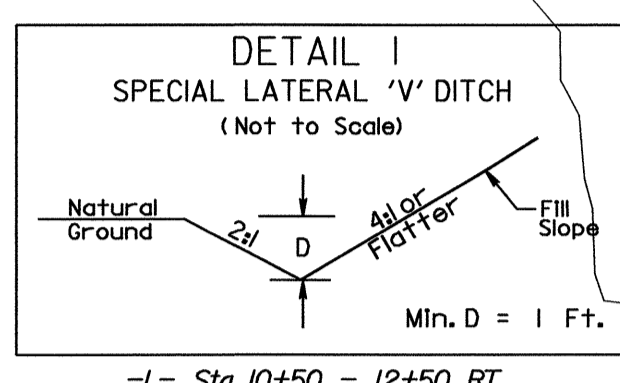
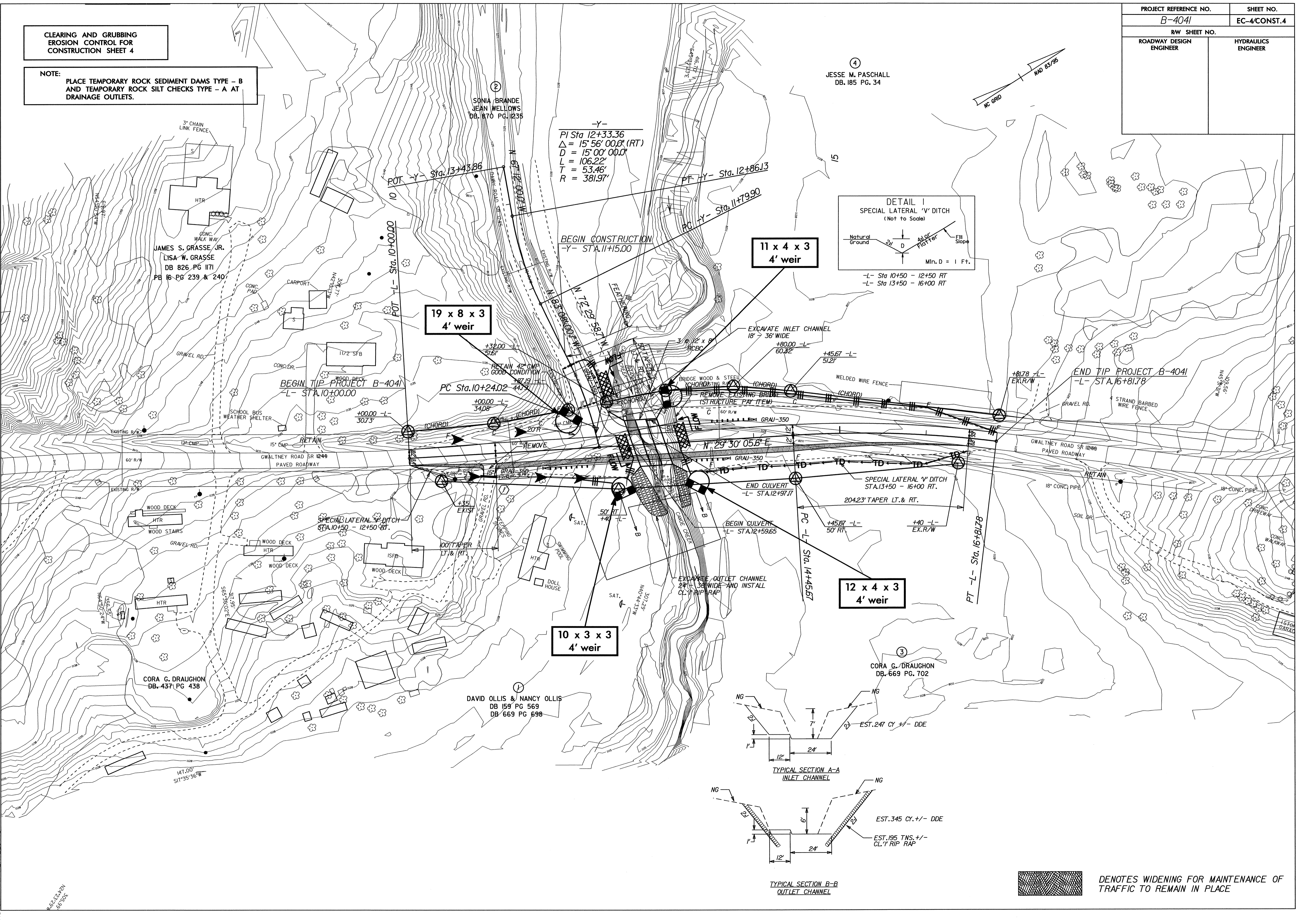
NOTE: FILTER FABRIC TO BE PLACED BENEATH STONE

PROJECT REFERENCE NO.	SHEET NO.
B-4041	EC-4/CONST.4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4**

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

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DENOTES WIDENING FOR MAINTENANCE OF TRAFFIC TO REMAIN IN PLACE

PROJECT REFERENCE NO. B-4041	SHEET NO. EC-5/CONST.4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

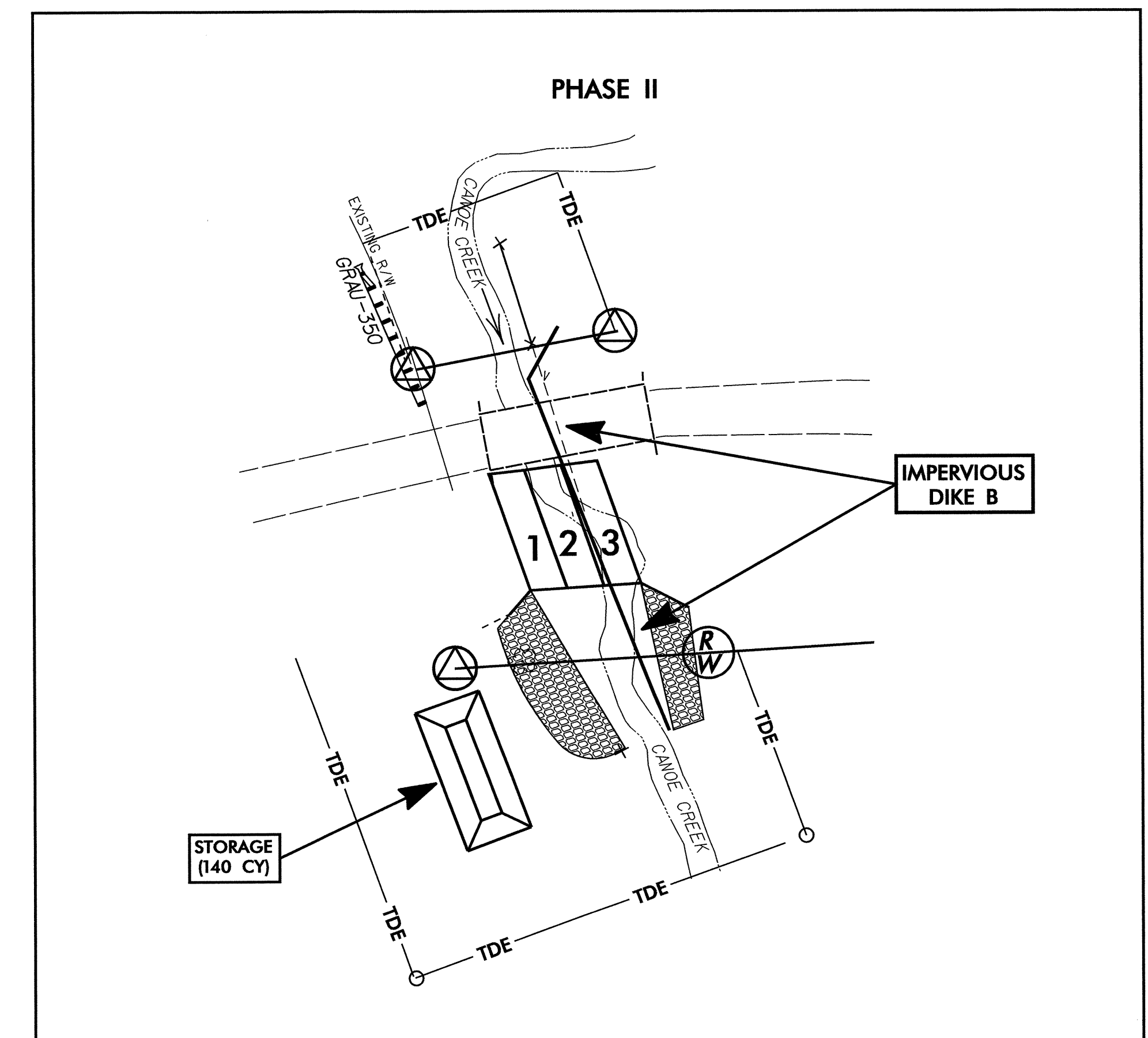
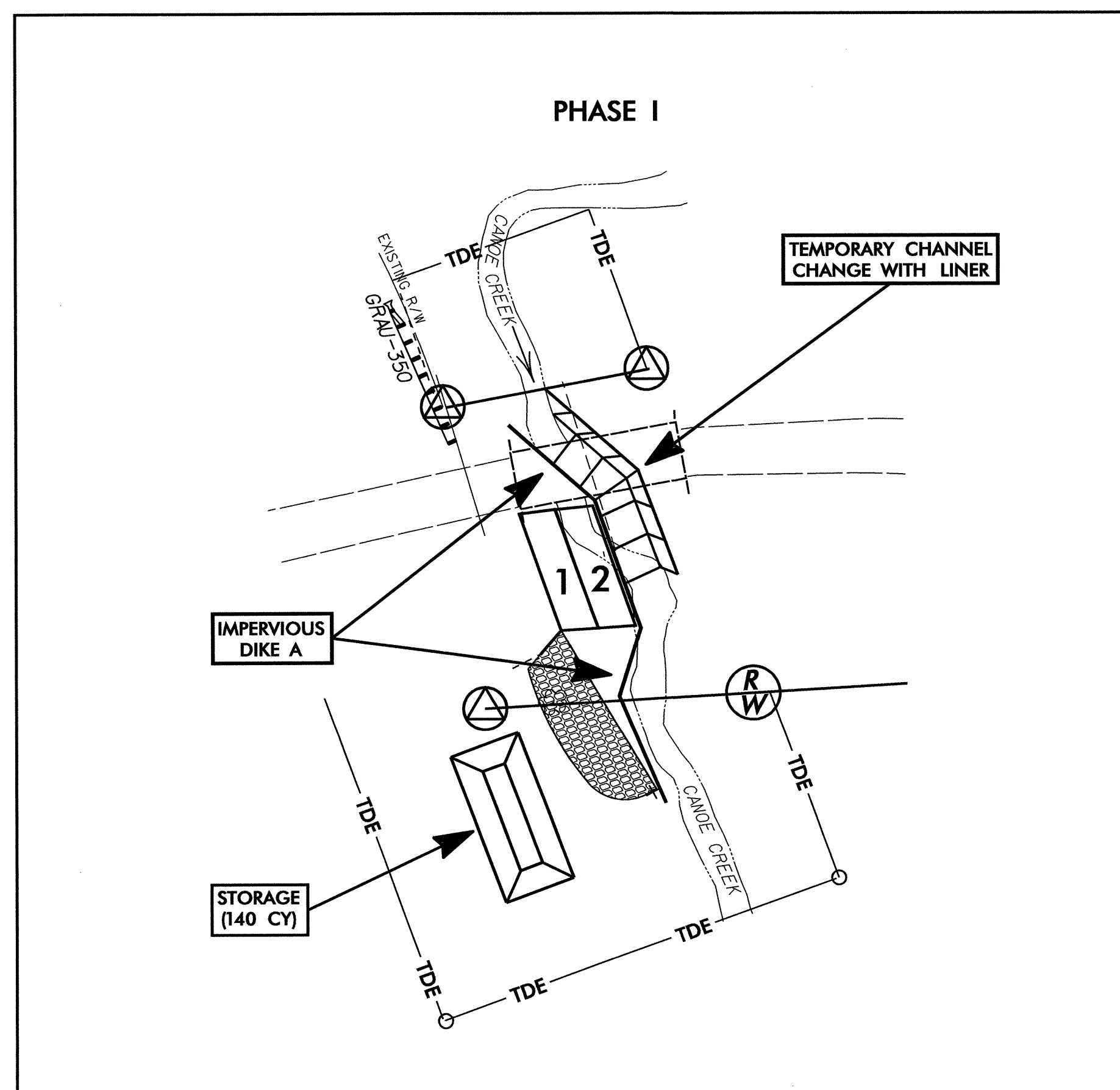
CULVERT CONSTRUCTION SEQUENCE

PHASE I

1. CONSTRUCT STILLING BASIN (140 CY).
2. CONSTRUCT IMPERVIOUS DIKE A AND TEMPORARY CHANNEL CHANGE WITH LINER (4 FT. DEEP, 16 FT. BASE, 1.5:1 SIDE SLOPES), DIVERTING STREAM FLOW.
3. CONSTRUCT BARRELS 1 AND 2.

PHASE II

4. REMOVE IMPERVIOUS DIKE A AND TEMPORARY CHANNEL CHANGE.
5. CONSTRUCT IMPERVIOUS DIKE B, DIVERTING STREAM FLOW THROUGH BARRELS 1 AND 2.
6. CONSTRUCT BARREL 3.
7. CONSTRUCT ROADWAY OVER CULVERT AND REMOVE EXISTING BRIDGE.



PROJECT REFERENCE NO. <i>B-4041</i>	SHEET NO. <i>EC-6/CONST.4</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CULVERT CONSTRUCTION SEQUENCE

PHASE III

8. CONSTRUCT BARREL 3 EXTENSION.

PHASE IV

- 9. REMOVE IMPERVIOUS DIKE B AND CONSTRUCT IMPERVIOUS DIKE C, DIVERTING STREAM FLOW THROUGH BARREL 3.
- 10. CONSTRUCT EXTENSIONS FOR BARRELS 1 AND 2.
- 11. REMOVE IMPERVIOUS DIKE C AND STILLING BASIN.
- 12. COMPLETE ANY NECESSARY CHANNEL IMPROVEMENTS, AND COMPLETE ROADWAY.

