EROSION CONTROL

PHASE I

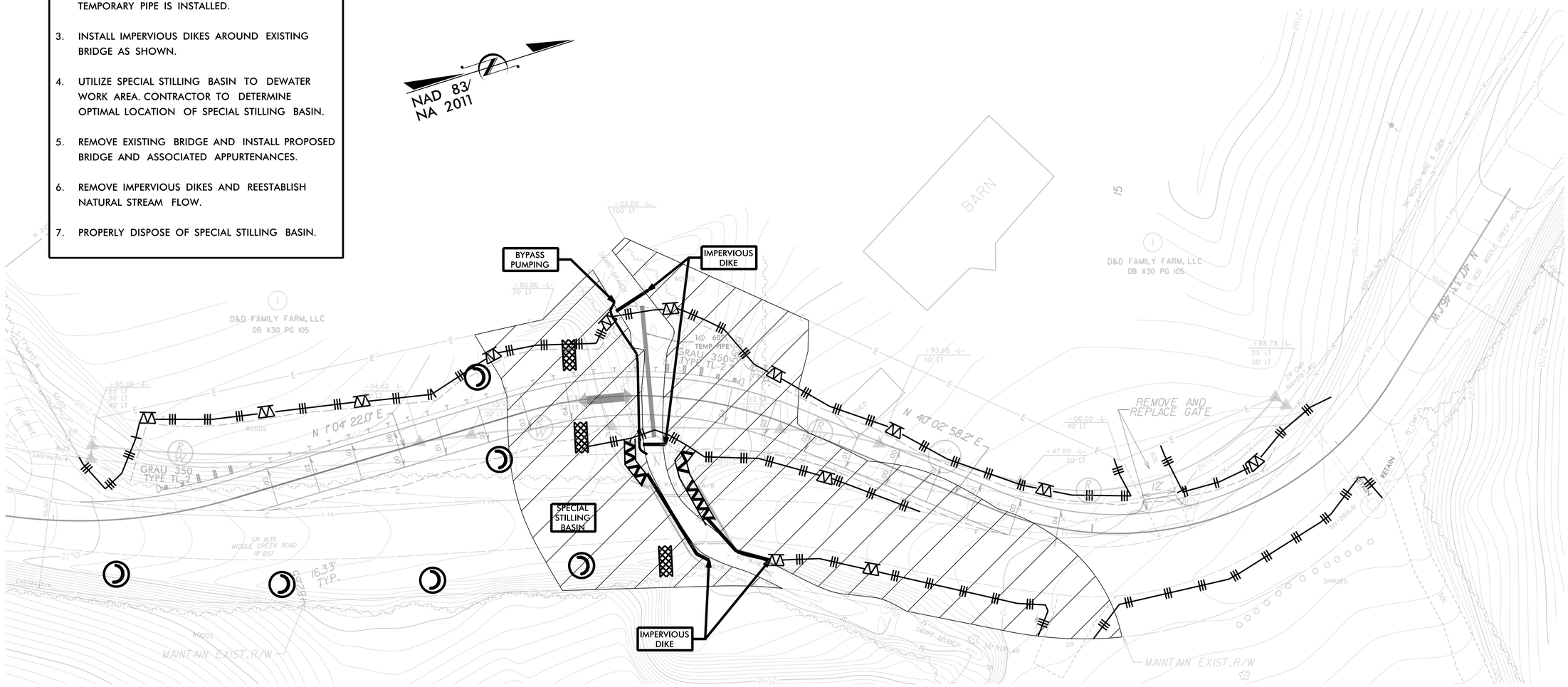
0' 20' 40'	PROJECT REFERENCE NO.	SHEET NO.
	17BPJ4.RJ09	EC-1
	R/W SHEET NO.	

ENVIRONMENTALLY SENSITIVE AREA(S) EXIST ON THIS PROJECT

Refer To E. C. Special Provisions for Special Considerations.

CONSTRUCTION SEQUENCE

1. CONSTRUCT IMPERVIOUS DIKES UPSTREAM AND DOWNSTREAM OF TEMPORARY DETOUR AND BYPASS PUMPING SYSTEM AS SHOWN.
2. INSTALL 60" TEMPORARY PIPE AND DETOUR. REMOVE BYPASS PUMPING SYSTEM ONCE TEMPORARY PIPE IS INSTALLED.
3. INSTALL IMPERVIOUS DIKES AROUND EXISTING BRIDGE AS SHOWN.
4. UTILIZE SPECIAL STILLING BASIN TO DEWATER WORK AREA. CONTRACTOR TO DETERMINE OPTIMAL LOCATION OF SPECIAL STILLING BASIN.
5. REMOVE EXISTING BRIDGE AND INSTALL PROPOSED BRIDGE AND ASSOCIATED APPURTENANCES.
6. REMOVE IMPERVIOUS DIKES AND REESTABLISH NATURAL STREAM FLOW.
7. PROPERLY DISPOSE OF SPECIAL STILLING BASIN.



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 2012 and the latest revison thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01	Railroad Erosion Control Detail	1632.01	Rock Inlet Sediment Trap Type A
1605.01	Temporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1607.01	Gravel Construction Entrance	1633.01	Temporary Rock Silt Check Type A
1622.01	Temporary Berms and Slope Drains	1633.02	Temporary Rock Silt Check Type B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		

ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2012 STANDARD SPECIFICATIONS

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.

SEE RF-1 AND PROJECT SPECIAL PROVISIONS

WALTER D. ROBERTS, III
LEVEL IIIA NAME

3514
LEVEL IIIA CERTIFICATION NO.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

TROUT STREAM BUFFER ZONE

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1630.06	Special Stilling Basin	
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	
1633.01	Temporary Rock Silt Check Type-A	

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ROADWAY PLANS

REVISIONS

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