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0' 20' 40'	PROJECT REFERENCE NO.	SHEET NO.
	17BP.14.R.48	EC-1
	R/W SHEET NO.	

EROSION CONTROL

PHASE I

NAD 83/ NSRS 2007

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

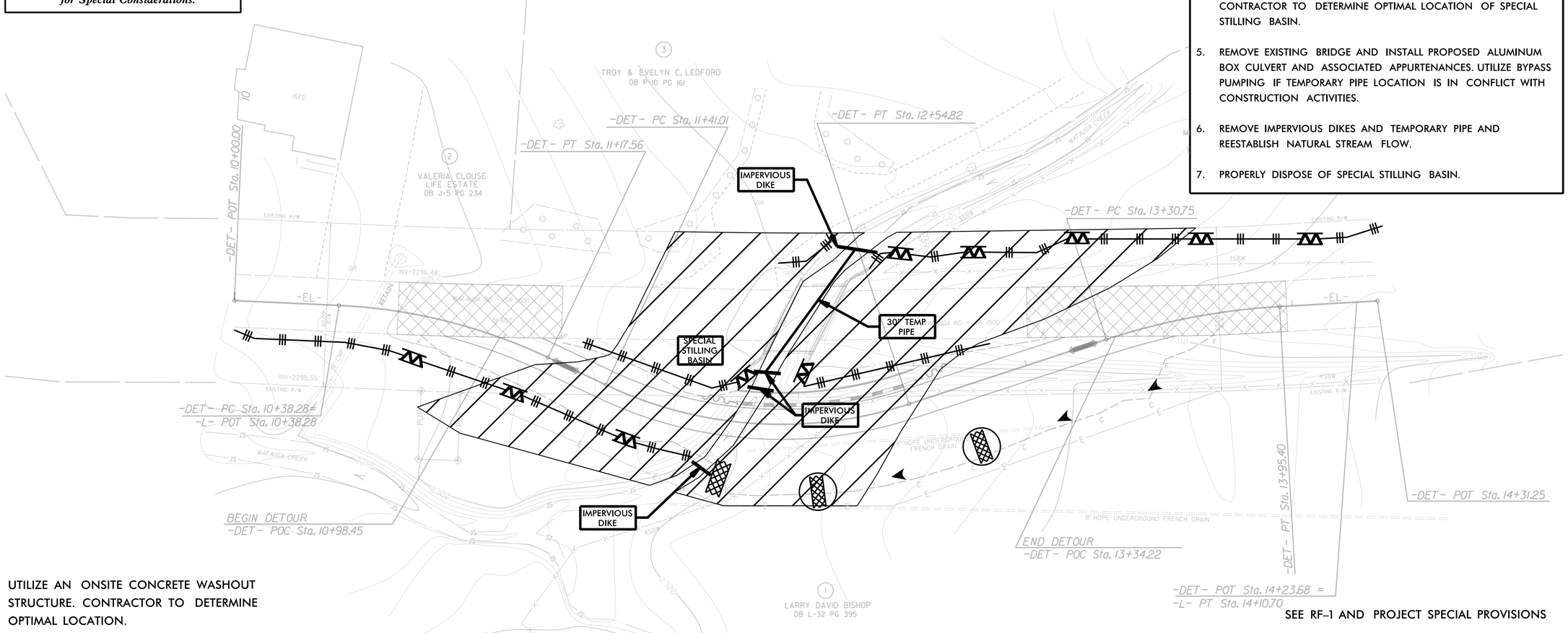
ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

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 UTILIZE BYPASS PUMPING SYSTEM AS SHOWN.
2. INSTALL 2@48" TEMPORARY PIPES, TEMPORARY SHORING AND DETOUR. REMOVE BYPASS PUMPING SYSTEM AND IMPERVIOUS DIKES ONCE TEMPORARY PIPES ARE INSTALLED.
3. INSTALL IMPERVIOUS DIKES UPSTREAM AND DOWNSTREAM OF EXISTING BRIDGE AND 30" TEMPORARY PIPE 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 ALUMINUM BOX CULVERT AND ASSOCIATED APPURTENANCES. UTILIZE BYPASS PUMPING IF TEMPORARY PIPE LOCATION IS IN CONFLICT WITH CONSTRUCTION ACTIVITIES.
6. REMOVE IMPERVIOUS DIKES AND TEMPORARY PIPE AND REESTABLISH NATURAL STREAM FLOW.
7. PROPERLY DISPOSE OF SPECIAL STILLING BASIN.



UTILIZE AN ONSITE CONCRETE WASHOUT STRUCTURE. CONTRACTOR TO DETERMINE OPTIMAL LOCATION.

SEE RF-1 AND PROJECT SPECIAL PROVISIONS

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.

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1630.06	Special Stilling Basin	
1633.01	Temporary Rock Silt Check Type-A	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	
1633.02	Temporary Rock Silt Check Type-B	

TROUT STREAM BUFFER ZONE

Place Matting for Erosion Control in Temporary Ditches

WALTER D. ROBERTS, III
LEVEL IIIA NAME

3514
LEVEL IIIA CERTIFICATION NO.

LOUIS BERGER
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ROADWAY PLANS

REVISIONS

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