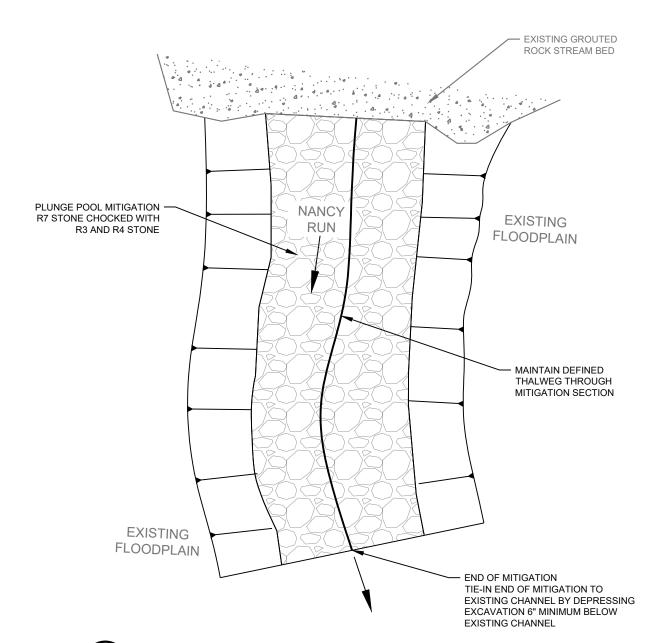


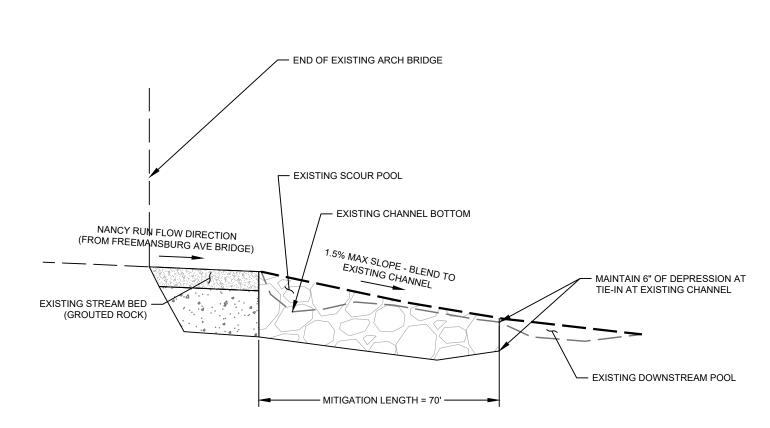
CHANNEL 2 LOWER RIPRAP V CHANNEL

CHANNEL SCHEDULE										
CHANNEL I.D.	DESIGN FLOW (cfs)	LENGTH (ft)	BOTTOM WIDTH B (ft)	SIDE SLOPES (Z:1)	MAXIMUM DESIGN SLOPE (%)	DEPTH D (ft)	TOP WIDTH T (ft)	FLOODPLAIN BENCH WIDTH F (ft)	FP SIDE SLOPES (Z ₂ :1)	LINING
CHANNEL 2	0.22 (100 GPM)	125	2	2	3-37	2	10.0	N/A	N/A	R-3

CHANNEL 2 LOWER ENHANCEMENT

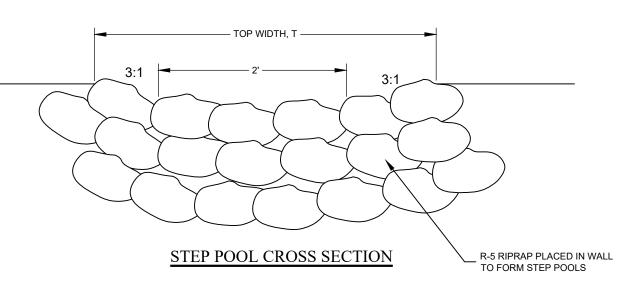


NANCY RUN SCOUR POOL MITIGATION (PLAN VIEW)



NANCY RUN SCOUR POOL MITIGATION

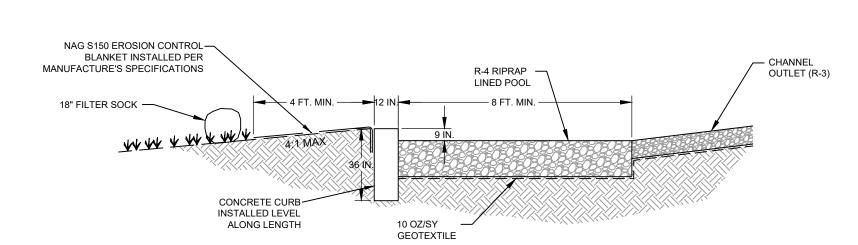
- 1. STREAMBED TO BE EXCAVATED AS NECESSARY FOR RIPRAP INSTALLATION.
- 2. ANY MATERIAL REMOVED FROM THE STREAMBED IS TO BE DISPOSED OF OFFSITE IN ACCORDANCE WITH APPLICABLE DEP REGULATIONS.
- 3. ENSURE THAT R7 RIPRAP IS CHOKED WITH R3 AND R4 RIPRAP TO ENSURE SURFACE
- WATER TRAVEL ALONG TOP OF PLUNGE POOL MITIGATION.
- 4. PROVIDE GRADING FOR LOW FLOW CHANNEL ALONG EXISTING THALWEG ALIGNMENT. 5. TIE IN LOWER RIPRAP TO EXISTING CHANNEL 6" BELOW EXISTING STREAM BED.



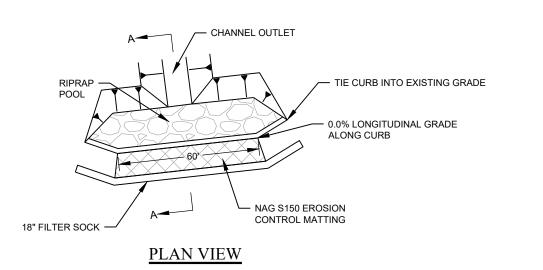
CHANNEL 2 STEP-POOL LOCATIONS					
No.	STA				
1	8+15.1				
2	8+18.7				
3	8+22.3				
4	8+25.9				
5	8+29.5				
6	8+33.1				
7	8+36.7				
8	8+40.3				
9	8+43.9				
10	8+47.5				
11	8+51.1				
12	8+54.7				
13	8+58.3				

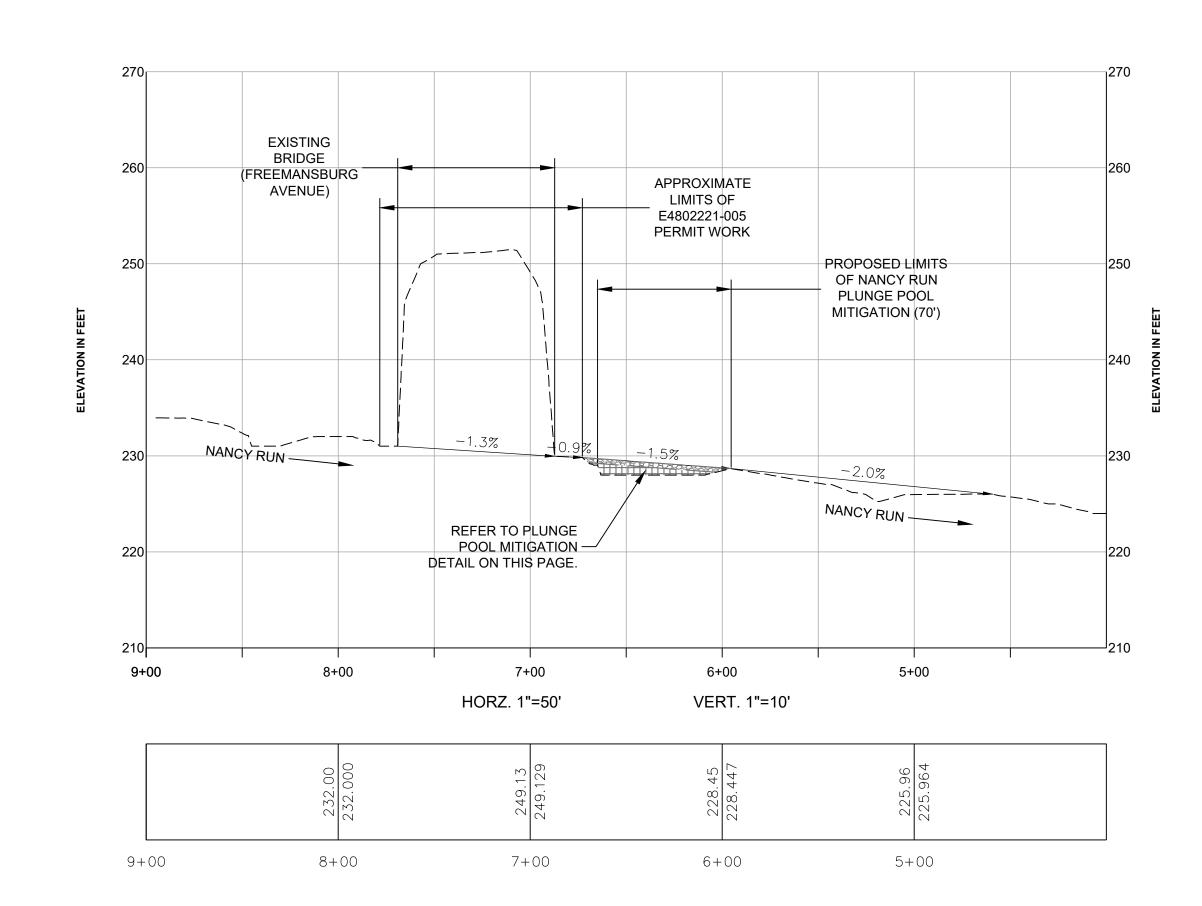
9+04.0



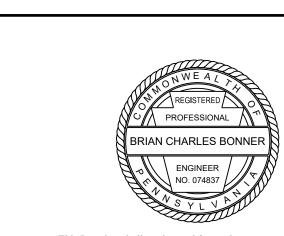


SECTION A-A





NANCY RUN PLUNGE POOL MITIGATION - PROFILE



This Drawing shall not be used for tender or construction unless

"I, Brian Charles Bonner, P.E. do hereby certify to the best of my knowledge, information and belief, that the information contained in the accompanying plans, specifications, and reports have been prepared in accordance with accepted engineering practice, is true and correct, and is in conformance with Chapters 102 and 105 of the rules and regulations of the Department of

Brun C. Benner BRIAN CHARLES BONNER, P.E. - 074837

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DETAILS (SHEET 1 OF SEFLOW MITIGATION BETHLEHE