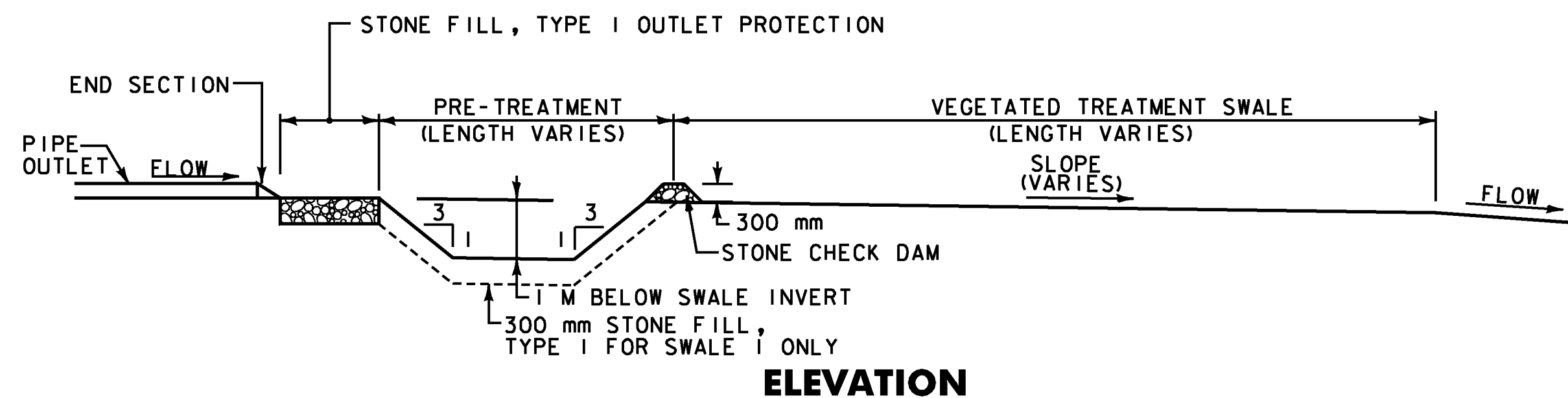
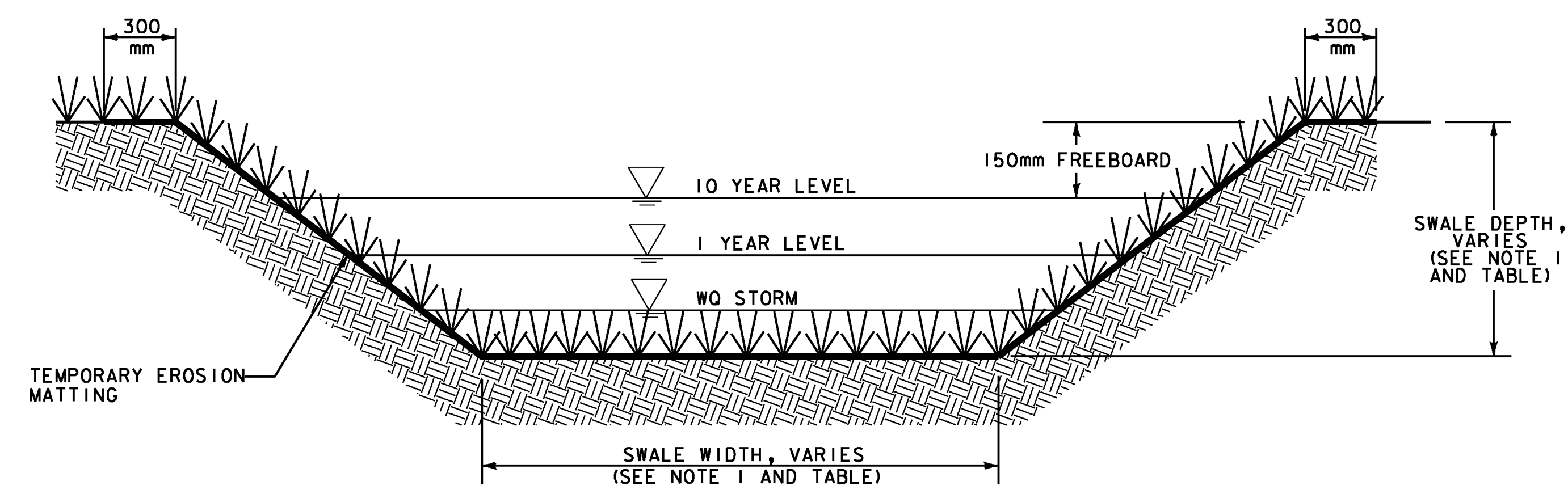


VEGETATED TREATMENT SWALE																	
SWALE NAME	SYSTEM	LOCATION	PRE-TREATMENT LENGTH (m)	SWALE LENGTH (m)	SWALE WIDTH (m)	SWALE DEPTH (m)	SIDE SLOPES	UPSTREAM INVERT	DOWN STREAM INVERT	AVERAGE SLOPE (%)	ADDITIONAL CHECK DAMS		WQ <sub>v</sub> (CM)	V <sub>wqv</sub> (mps)	WQ <sub>v</sub> FLOW DEPTH (M)	10 YEAR FLOW DEPTH (M)	
											YES	NO					
SWALE 1	1	18+390 - 18+520 RT	5	130	0.6	0.6	3:1	441.20	437.90	2.5		X	0.007	0.18	0.12	0.27	
SWALE 2-A	2	19+787 - 19+803 RT	6	69	2.4	0.6	3:1	391.35	390.60	1.1		X	106.07	0.12	0.08	0.23	
SWALE 2-B	2	19+858 - 19+979 RT	3.5	117	1.2	0.6	3:1	387.00	381.96	4.3		X	30.92	0.15	0.04	0.13	

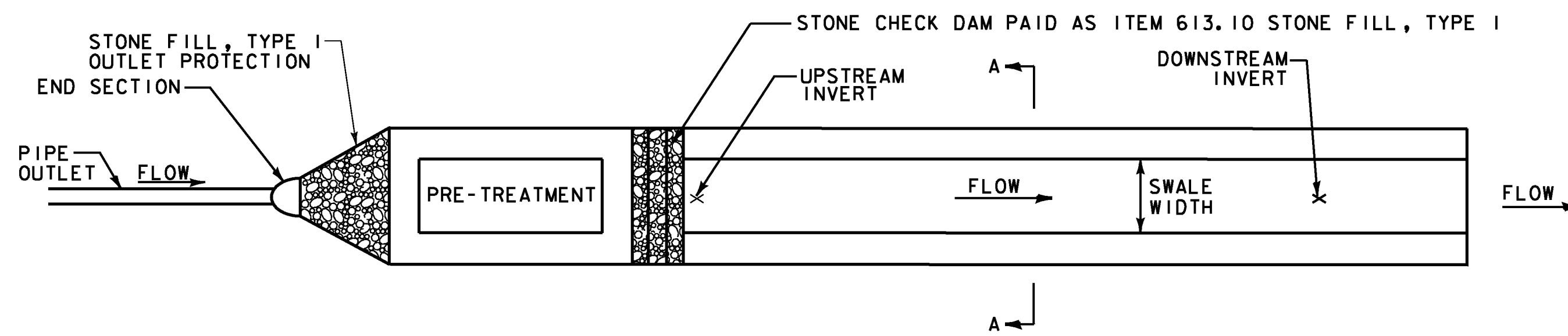
- NOTES:
- EXISTING STONE FILL SHALL BE REMOVED AND REPLACED WITH TOPSOIL, SEED, EROSION MATTING AND MULCH IN SWALE 1. CONTRACTOR SHALL MATCH EXISTING GRADES WHEN REPLACING STONE FILL. A PRETREATMENT POOL LINED WITH STONE FILL, TYPE 1 SHALL BE CONSTRUCTED AS SHOWN IN THE DETAIL ON THIS SHEET.
  - PRETREATMENT POOL SHALL BE VEGETATED FOR SWALES 2-A AND 2-B.
  - EXCAVATION FOR VEGETATED TREATMENT SWALES INCLUDING PRE-TREATMENT SHALL BE PAID FOR UNDER ITEM 204.20, "TRENCH EXCAVATION OF EARTH."



**ELEVATION**



**SECTION A-A**



**PLAN**

**VEGETATED TREATMENT SWALE**  
NOT TO SCALE

PROJECT NAME: DANVILLE	PLOT DATE: 1/18/2011
PROJECT NUMBER: F EGC 028-3(32)	DRAWN BY: STANTEC
FILE NAME: ...\\PlotFiles\061swm-def2.prf	DESIGNED BY: STANTEC
DESIGN SUPERVISOR: GARY SANTY	CHECKED BY: STANTEC
STORMWATER MAN. DETAILS SWM 3	SHEET 103 OF 306



1/18/2011 11:51:36 PM v:\1953\octive\9530033\_0952\Highway\PlotFiles\061swm-def2.prf