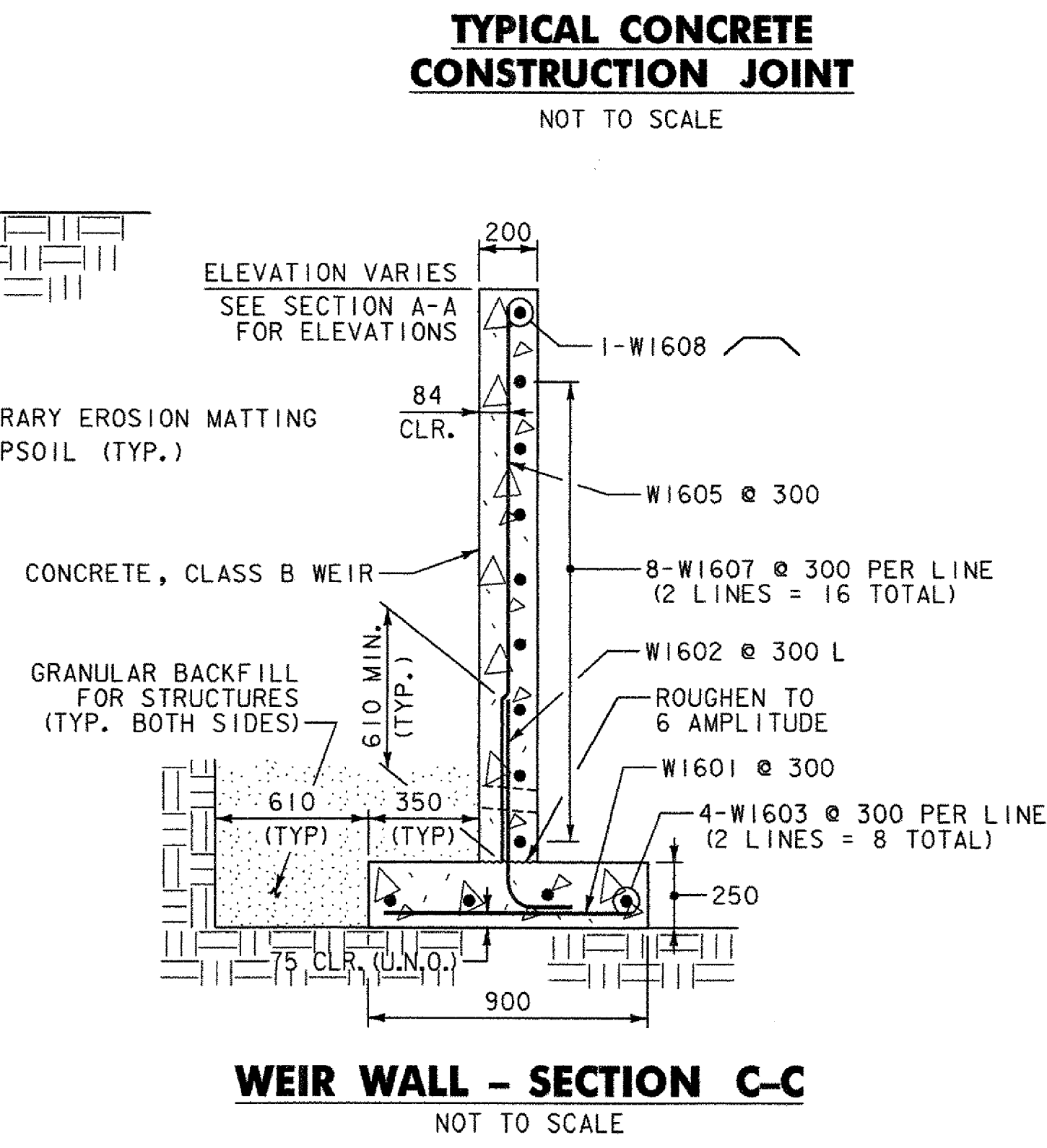
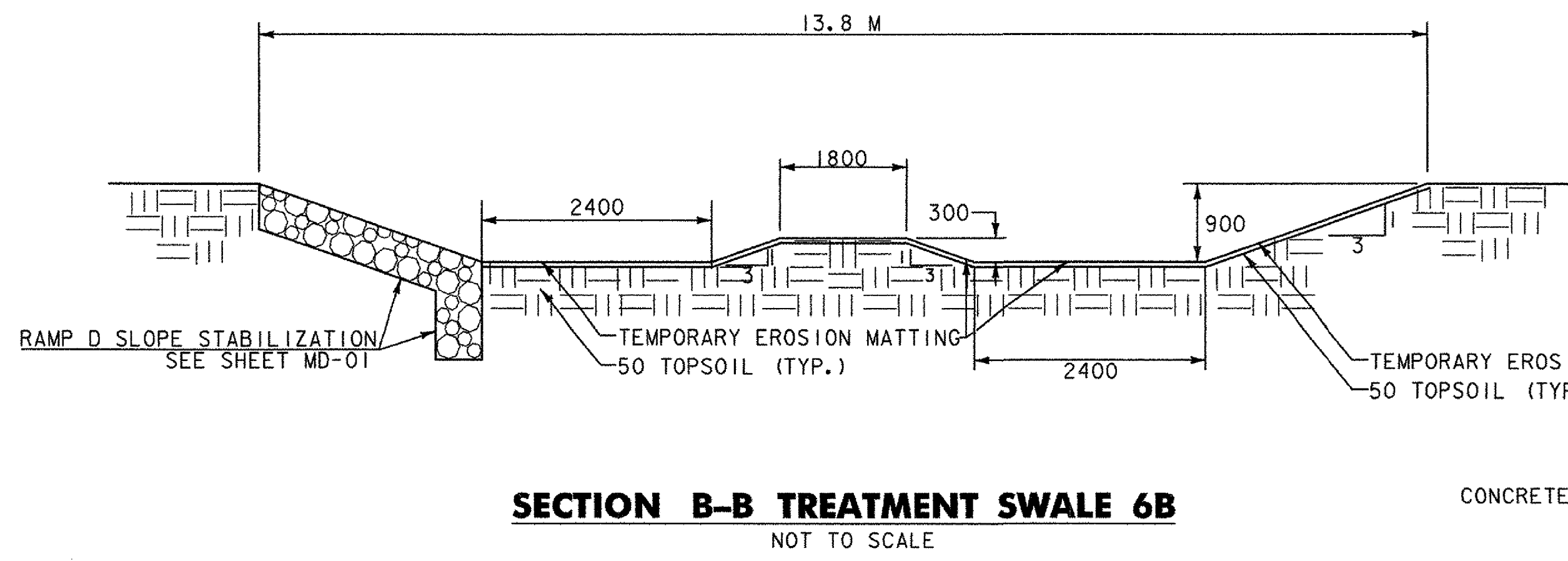
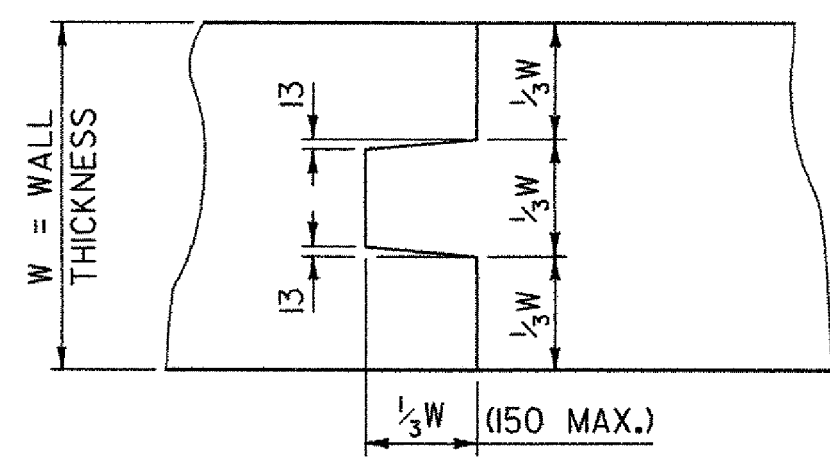
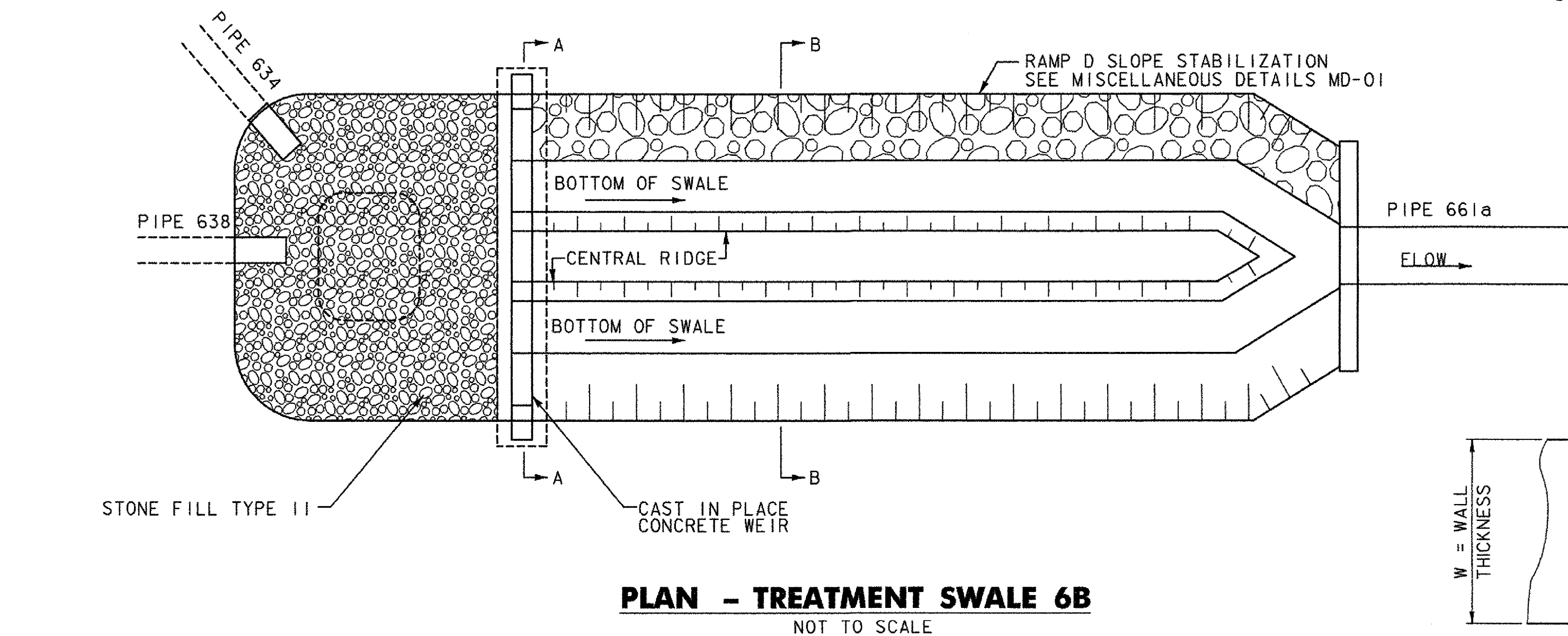
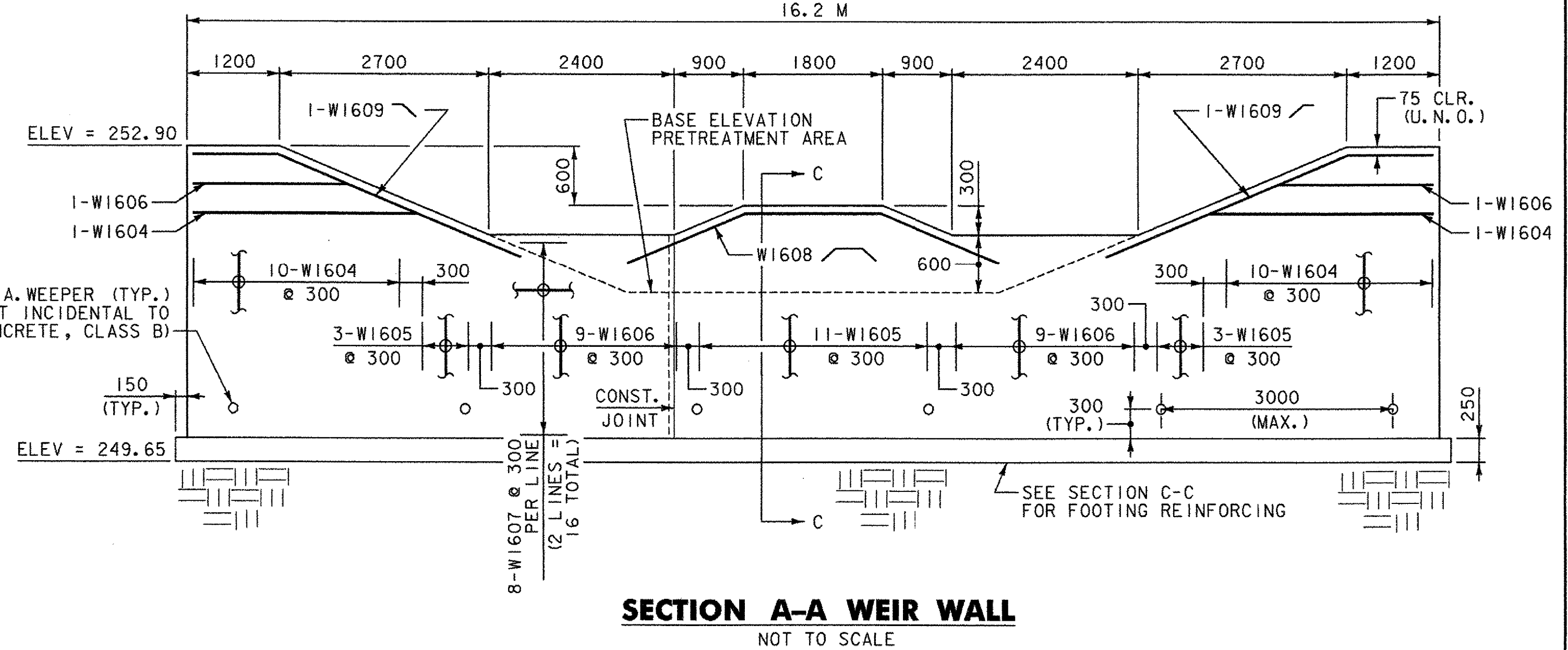
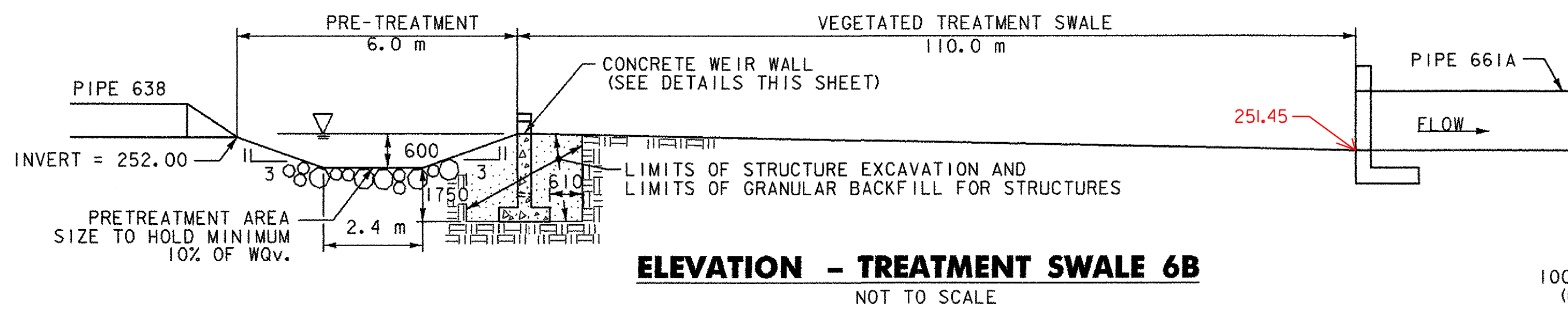


VEGETATED TREATMENT SWALE														STONE FILL								
SWALE NAME	SYSTEM	LOCATION	PRE-TREATMENT LENGTH (m)	SWALE LENGTH (m)	SWALE WIDTH (m)	SWALE DEPTH (m)	SIDE SLOPES	UPSTREAM INVERT	DOWN STREAM INVERT	SLOPE (%)	ADDITIONAL CHECK DAMS		WQv (cms)	V _{wav} (mps)	WQ, FLOW DEPTH (M)	10 YEAR FLOW DEPTH (M)	LENGTH (m)	WIDTH (m)	SIDE SLOPE	SLOPE (%)	STONE TYPE	THICKNESS (mm)
											YES	NO										
SWALE 6b	6	STA D I+113, 15m RT - D I+221, 26m RT	6	110	4.8	0.3	3:1	252.0	251.3 251.45	0.5		X	0.091	0.18	0.17	0.41	N/A	N/A	N/A	N/A	N/A	N/A



REINFORCING STEEL SCHEDULE

ITEM	NO.	PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K
WEIR																
1	56	16	750		W1601	STR.										
2	55	16	1040		W1602	STR.		250	790							
3	8	16	8480		W1603	STR.										
4	22	16	2920		W1604	STR.										
5	17	16	2320		W1605	STR.										
6	20	16	2020		W1606	STR.										
7	16	16	8330		W1607	STR.										
8	1	16	4970		W1608	STR.		1600	1770	1600				506		1518
9	2	16	4410		W1609	STR.			1110	3300				3131		1044

REINFORCING STEEL NOTES

- UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING 55M SHALL CONFORM TO THE REQUIREMENT OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31M (ASTM A 615M-S1). ALL BARS SHALL BE GRADE 420, UNLESS OTHERWISE DESIGNATED.
- FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
- ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
- ▲ DENOTES BARS TO BE CUT IN FIELD.

VERMONT AGENCY OF TRANSPORTATION



PROJECT NAME: BENNINGTON
 PROJECT NUMBER: AC NH 019-1(51)
 FILE NAME: ...plot files\zd307clsww-det3.pff PLOT DATE: 1/30/2009
 DESIGN SUPERVISOR: GREG EDWARDS DRAWN BY: STANTEC
 DESIGNED BY: MCF/SEB CHECKED BY: GARY SANTY
STORMWATER MANAGEMENT DET. SWM-03 SHEET 87 OF 367

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