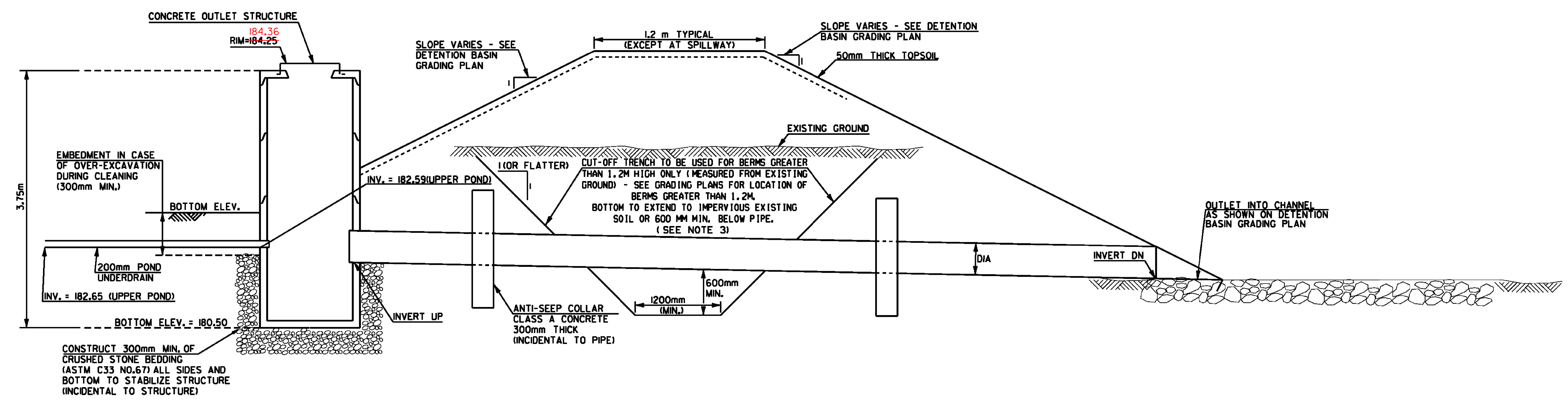


POND NO.	CONSTRUCTION DATA										REMARKS		
	OUTLET PIPE					OUTLET							
	L	DIA	INV UP	INV DN	D ₁	INVERT D ₁	D ₂	INVERT D ₂	BOTT. ELEV.	H		TYPE	ELEV.
1	14.5	900	181.50	179.55	-	-	-	-	183.25	3.75	2 x STEEL GRATE	184.25	SED. FOREBAY OUTLET

- GENERAL NOTES:**
1. THE DETENTION BASIN AREA SHALL BE CLEARED OF ALL TREES, ROOTS, STUMPS, BOULDERS AND SOD TO A DEPTH OF 600mm BELOW FINAL GRADE.
 2. CONSTRUCT BERM USING EARTH BORROW MATERIAL FREE OF SOD, ROOTS, FROZEN MATERIAL, LARGE ROCKS, OR OTHER OBJECTIONABLE MATERIAL. COMPACT AS PER SPECIFICATIONS.
 3. CONSTRUCT CUT OFF TRENCH AT CENTERLINE OF BERM OR SLIGHTLY UPSTREAM. FILL WITH ITEM 900.608 SPECIAL PROVISION (CLAY BORROW) TO REDUCE SEEPAGE AND STABILIZE THE BERM. COMPACT MATERIAL AS PER SPECIFICATIONS. CUT OFF TRENCH SHALL NOT BE CONSTRUCTED WITHIN THE LIMITS OF THE ROADWAY EMBANKMENT.
 4. CONCRETE OUTLET STRUCTURE TO BE PRE-CAST WITH HOLE SIZES AND SPACING AS SHOWN WITH ANY ADJUSTMENTS APPROVED BY THE RESIDENT ENGINEER. HOLES SHALL BE CAST WITH THE SECTION TO AVOID POSSIBLE RUST STAINS FROM EXPOSED REINFORCEMENT. REFER TO SHEET 37 FOR DRAINAGE STRUCTURE DETAILS. CONCRETE OUTLET STRUCTURE SHALL BE PAID FOR UNDER ITEM 604.20.
 5. TOPSOIL AND SEED ALL EARTH SLOPES AS SOON AS POSSIBLE. STABILIZE THE INLET AREA WITH REQUIRED EROSION CONTROL.
 6. REMOVE ACCUMULATED SEDIMENT FROM DETENTION POND AT COMPLETION OF PROJECT.
 7. ANTI-SEEP COLLARS (INCIDENTAL TO PIPE) SHALL BE INSTALLED AS SHOWN TO RESIST FLOW ALONG THE OUTSIDE OF THE PIPE. COLLARS SHOULD PROJECT A MINIMUM OF 600mm FROM THE PIPE. MAXIMUM SPACING OF COLLARS IS 6.0m. COST OF THE CONCRETE ANTI-SEEP COLLARS WILL BE INCLUDED WITH THE ITEM FOR THE OUTLET PIPE.



EXTENDED DETENTION BASIN SECTION NOT TO SCALE

PROJECT NAME: MORRISTOWN	PLOT DATE: 11-APR-2012
PROJECT NUMBER: STP F 029-(12)C/1	DRAWN BY: MAL
FILE NAME: z10b194draindet1.dgn	CHECKED BY: DMB
PROJECT LEADER: DMB	SHEET 53 OF 123
DESIGNED BY: BRC	
DETENTION BASIN DETAILS - 1	