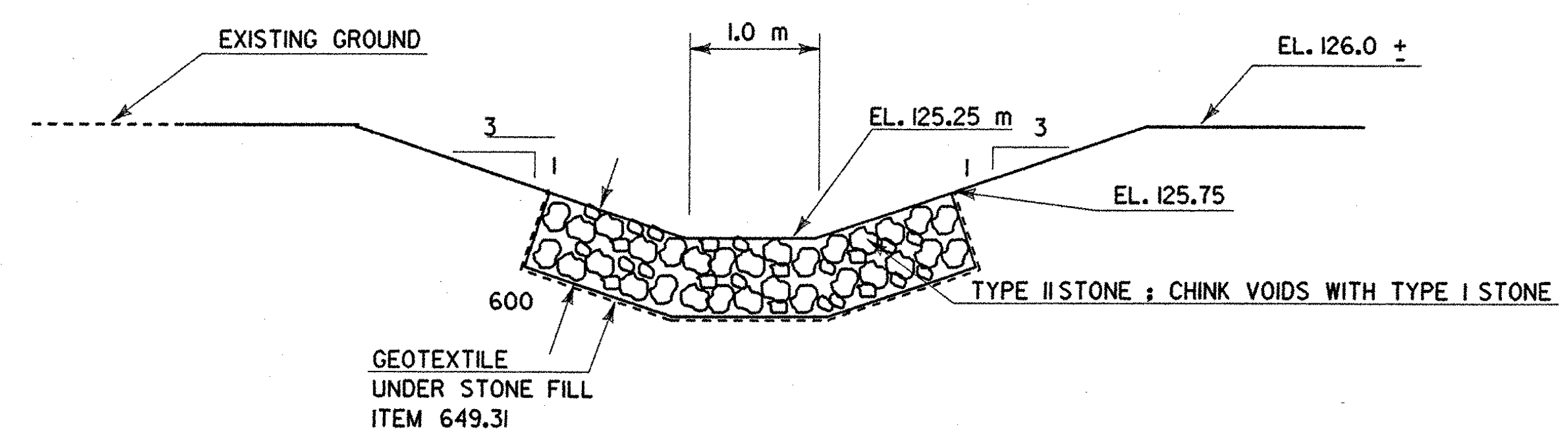
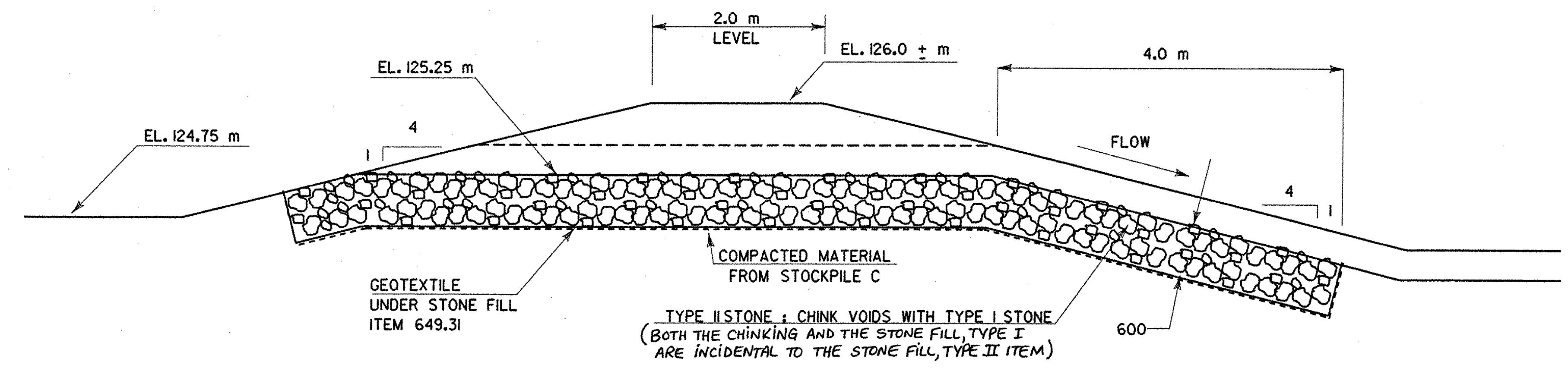


WETLAND CONSTRUCTION SEQUENCE ^{1,2}

1. STAKE OUT EXISTING WETLAND BOUNDARIES. CONSTRUCTION EQUIPMENT IS PROHIBITED IN WETLANDS AREA BEYOND DEFINED SLOPE LIMITS.
2. STRIP 300 mm (12 in.) TOPSOIL FROM WETLAND IMPACT AREA AND STOCKPILE (STOCKPILE A).
3. EXCAVATE 300 mm (12 in.) SUBSOIL (SILT) FROM WETLAND IMPACT AREA AND STOCKPILE (STOCKPILE C).
4. STRIP 300 mm (12 in.) TOPSOIL FROM WETLAND MITIGATION AREA AND STOCKPILE (STOCKPILE B). TO BE USED AS TOPSOIL IN PLANTING ZONE C AND GRUBBING MATERIAL ON ROADWAY EMBANKMENT.
5. EXCAVATE 300 mm (12 in.) OF SILT FROM MITIGATION AREA AND STOCKPILE (STOCKPILE C).
6. COMPLETE OVEREXCAVATION OF MITIGATION AREA TO AN ELEVATION 600 mm (24 in.) BELOW FINISHED GRADE. THIS MATERIAL TO SPOIL OR AS NEEDED ON SITE.
7. INSPECTION BY VTRANS WETLAND SCIENTIST AND ENGINEER.
8. PLACE MATERIAL FROM STOCKPILE C IN PLANTING ZONES B, C, AND D TO A THICKNESS OF 300 mm (12 in.) AND TO A THICKNESS OF 600 mm (24 in.) IN PLANTING ZONE A. ANY SHORTFALL IN MATERIAL FROM STOCKPILE C MAY BE MADE UP FROM STOCKPILE B; HOWEVER, MATERIAL FROM STOCKPILE B SHOULD NOT BE PLACED IN PLANTING ZONE A. THIS MATERIAL SHALL BE PLACED IN 150 mm (6 in.) LIFTS AND COMPACTED TO 95 PERCENT COMPACTION EFFORT USING VIBRATORY COMPACTION.
9. PLACE 300 mm (12 in.) OF MATERIAL FROM STOCKPILE A IN PLANTING ZONE B.
10. PLACE 300 mm (12 in.) OF MATERIAL FROM STOCKPILE B IN PLANTING ZONES C AND D.
11. INSPECTION BY VTRANS WETLAND SCIENTIST AND ENGINEER.
12. SEED AND PLANT SHRUBS ACCORDING TO LANDSCAPE PLAN. SEEDING SHOULD BE CONDUCTED AS FOLLOWS:
 - A. SCARIFY AREA WITH YORK RAKE OR SIMILAR IMPLEMENT.
 - B. BROADCAST SEED AT PRESCRIBED RATES.
 - C. RAKE LIGHTLY TO APPROXIMATE DEPTH OF 12 mm (0.5 in.) TO INCORPORATE SEED INTO SOIL.
 - D. COMPACT WITH HAND ROLLER.
13. INSPECTION BY WETLAND SCIENTIST AND ENGINEER.
14. CONSTRUCT WATER CONTROL STRUCTURE WITH COMPACTED MATERIAL FROM STOCKPILE C.
15. INSPECTION BY VTRANS WETLAND SCIENTIST AND ENGINEER.



CROSS SECTION OF STONE SPILLWAY



PROFILE ALONG ϕ OF SPILLWAY

¹ CONSTRUCTION OF THE MITIGATION AREA SHOULD BE UNDERTAKEN WHEN GROUNDWATER AND SURFACE WATER LEVELS ARE LOW. THE CONTRACTOR SHALL OBTAIN APPROVAL PRIOR TO INITIATING WORK ON THE MITIGATION AREA.

² SEE SHEET 36 FOR KEY TO PLANTING ZONES.

DATUM	
VERTICAL	_____
HORIZONTAL	_____

ALL DETAILS "N.T.S." (NOT TO SCALE)
ALL DIMENSIONS IN MILLIMETERS EXCEPT AS INDICATED

WETLAND MITIGATION PLAN DETAILS	PROJECT: BERKSHIRE	PROJECT NO.: BRF-RS 0283(7)
	DESIGN FILE NAME: 02837FRM.DGN	
	IPARM FILE NAME: 02837WDT.I	
	SURVEYED BY: SQUAD LEADER:	PLOT DATE: 16-FEB-2000 SURVEY DATE: DRAWN BY: C. MABY SHEET: 37 OF 140