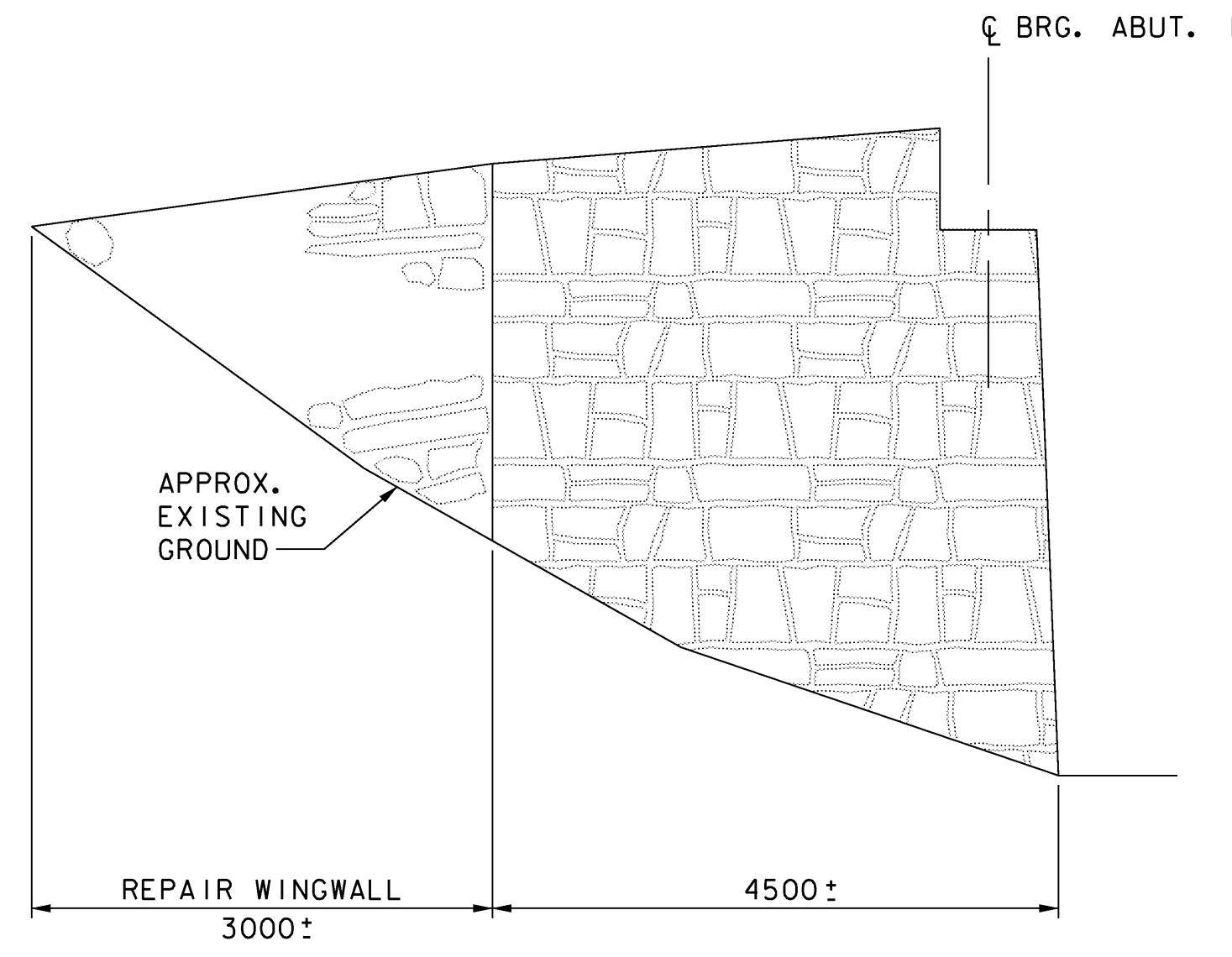
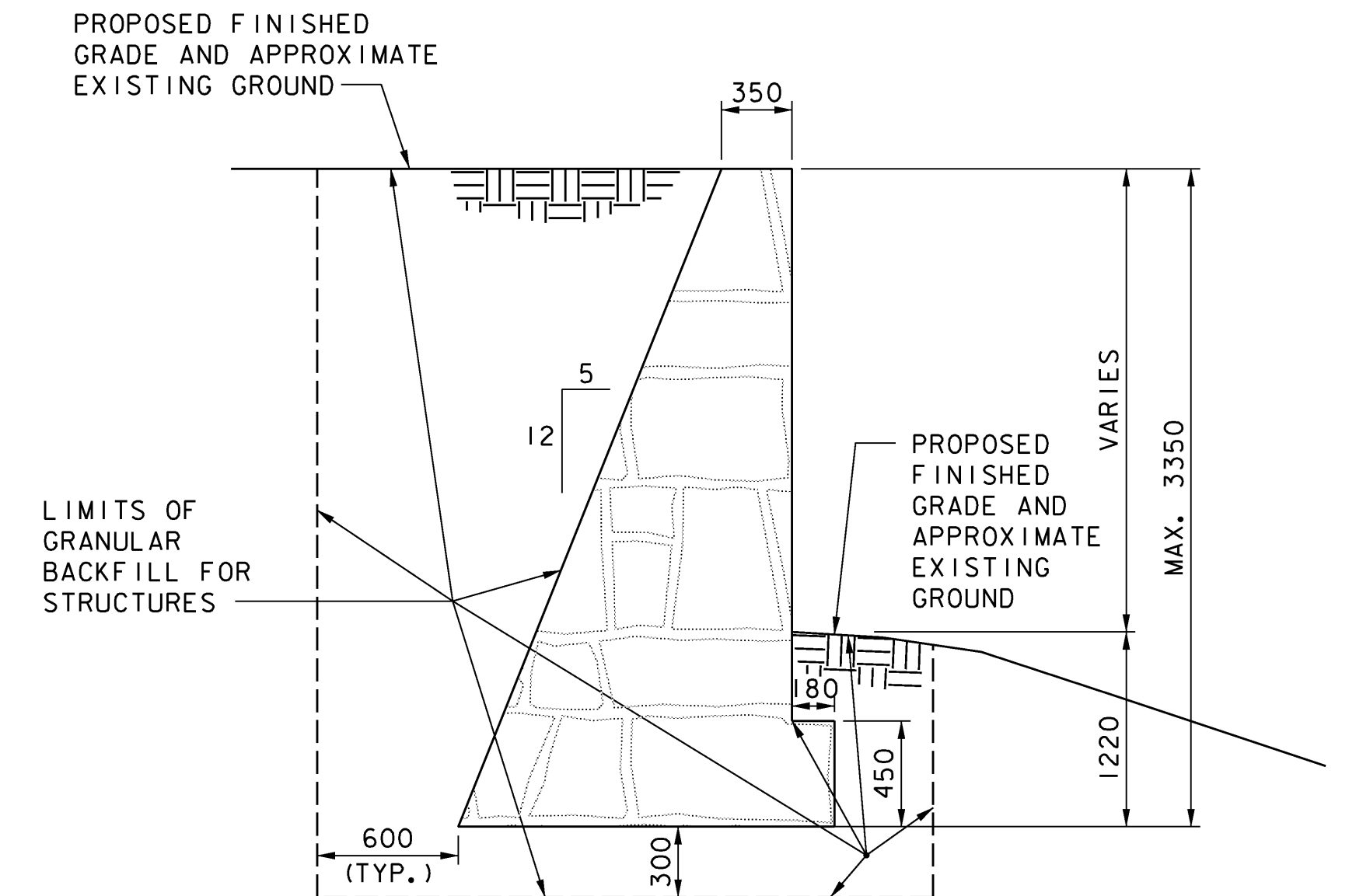


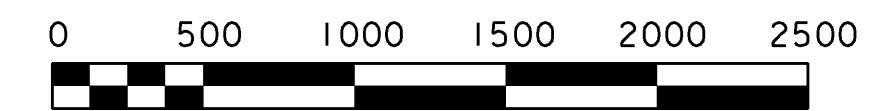
WINGWALL #1
 SCALE: 1:50



WINGWALL #2
 SCALE: 1:50

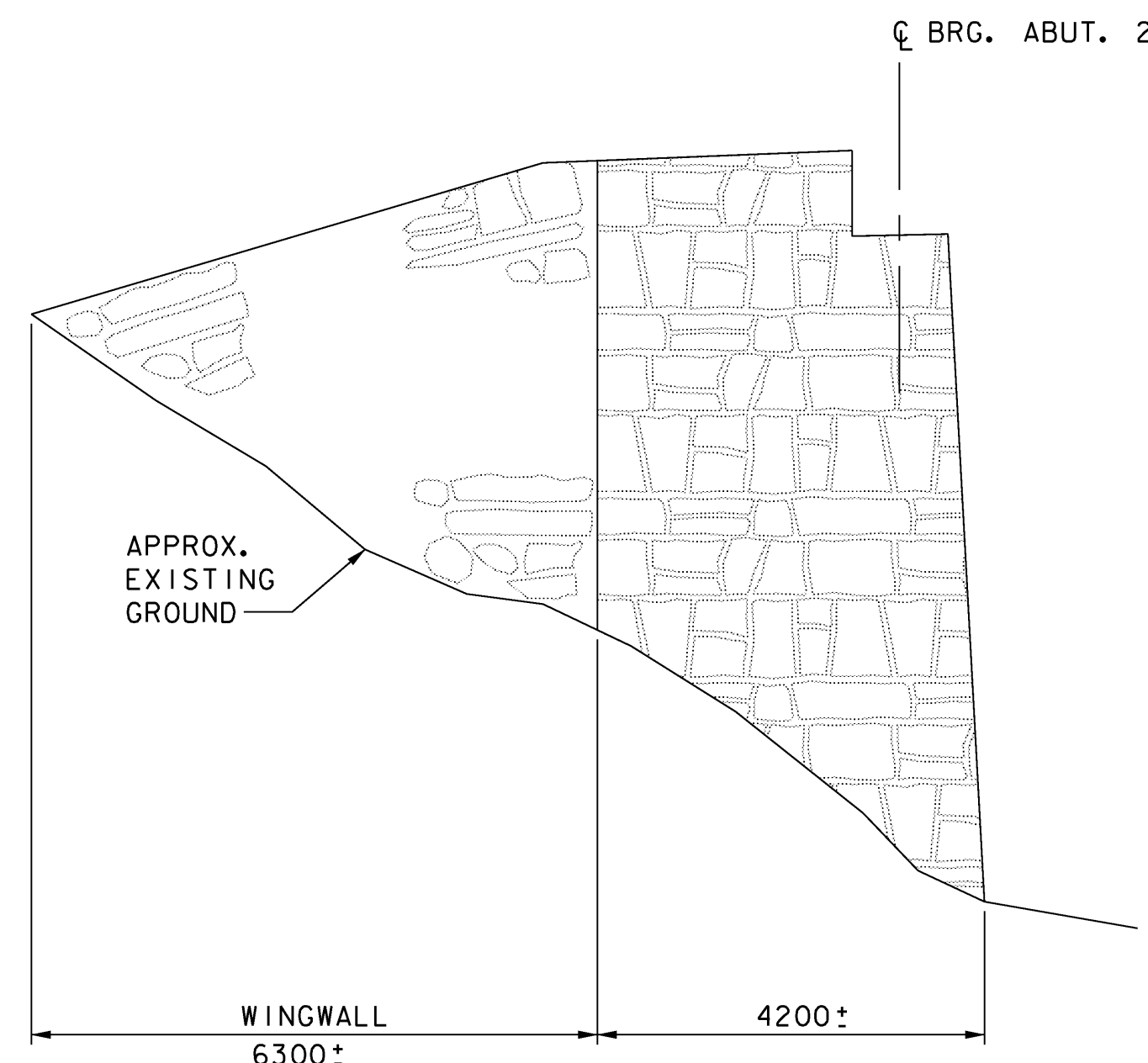


TYPICAL RECONSTRUCTED SECTION
 NOT TO SCALE

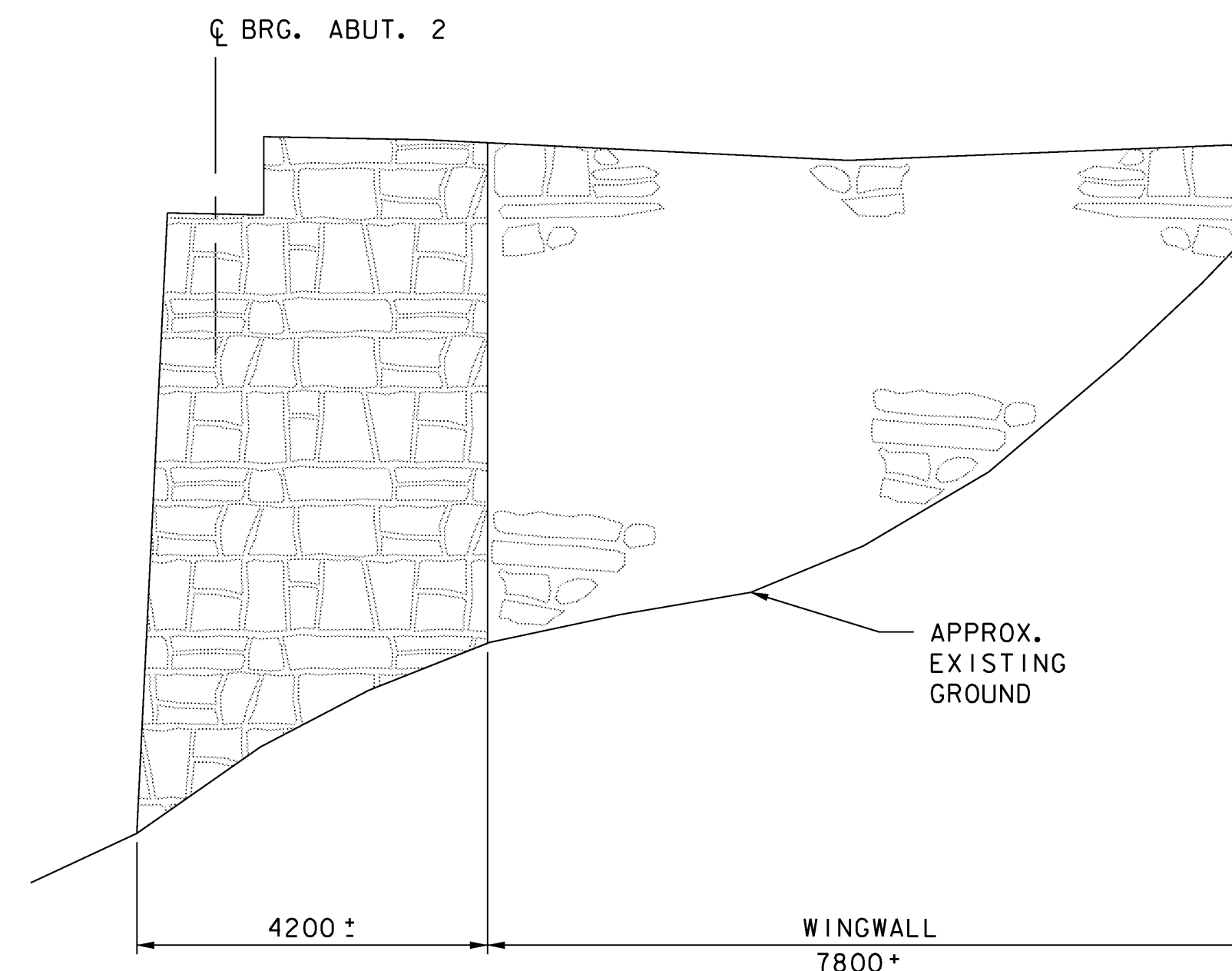


WINGWALL REPAIR NOTES:

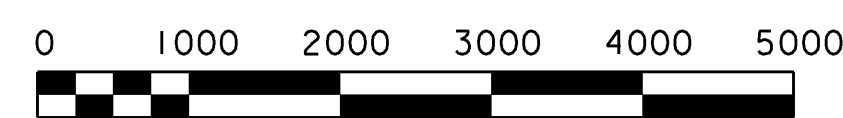
1. THE PORTIONS OF ABUTMENT NO. 1 WINGWALLS IDENTIFIED FOR REPAIR ON THIS SHEET SHALL BE REPAIRED BY ONE OR A COMBINATION OF THE FOLLOWING METHODS AS DIRECTED BY THE ENGINEER. REGARDLESS OF THE METHOD USED, ALL WINGWALL REPAIRS WITHIN THE IDENTIFIED AREAS SHALL BE PAID AS ITEM 602.20, DRY MASONRY.
 - A. THE WINGWALLS MAY BE REPAIRED BY RECONSTRUCTING ALL OR PART OF THE WALL AS SHOWN IN THE TYPICAL RECONSTRUCTED SECTION ON THIS SHEET. THE MAXIMUM ALLOWABLE HEIGHT OF THE SECTION SHOWN IS 3350 MILLIMETERS WITHOUT ADDITIONAL ANALYSIS BY THE ENGINEER.
 - B. ALTERNATIVELY THE WINGWALLS MAY BE REPAIRED BY RESETTING SELECTED STONES THAT HAVE SHIFTED, AND BY CHINKING CAPS BETWEEN THE STONES WITH SMALL STONES. MORTAR MAY BE USED SELECTIVELY, WITH THE APPROVAL OF THE ENGINEER, TO SEAT CHINKING STONES, BUT IT SHALL NOT BE USED TO REPOINT EXISTING OPEN JOINTS. THE QUANTITY TO BE PAID FOR REPAIR OF THE WINGWALLS BY THIS METHOD SHALL BE EQUIVALENT TO THE QUANTITY FOR RECONSTRUCTING THE SAME AREA OF WALL AS SHOWN IN THE TYPICAL RECONSTRUCTION SECTION ON THIS SHEET.
2. ITEM 204.25, STRUCTURE EXCAVATION SHALL BE USED TO PAY FOR EXCAVATION BEHIND THE ABUTMENT NO. 1 WINGWALLS IF THEY ARE RECONSTRUCTED. THE PAY LIMITS OF ITEM 204.25 SHALL BE FROM TOP OF EXISTING GROUND TO THE OUTER LIMITS OF GRANULAR BACKFILL FOR STRUCTURES SHOWN IN THE TYPICAL RECONSTRUCTED SECTION ON THIS SHEET, LESS THE VOLUME OF THE EXISTING WALL.
3. COSTS FOR REMOVING AND STOCKPILING EXISTING STONE MASONRY SHALL BE PAID AS ITEM 529.25, REMOVAL OF CONCRETE OR MASONRY, IF THE ABUTMENT NO. 1 WINGWALLS ARE RECONSTRUCTED. THE EXISTING STONE MASONRY MAY BE REUSED FOR RECONSTRUCTING THE WINGWALLS. ANY ADDITIONAL STONE REQUIRED TO COMPLETE THE RECONSTRUCTION SHALL BE GRANITE APPROXIMATELY SIMILAR TO THE EXISTING IN SIZE AND APPEARANCE.
4. SEE SHEET 5 FOR THE LOCATION OF NEW 450 MILLIMETER DIAMETER DRAINAGE PIPE THAT WILL OUTLET THROUGH THE SECTION OF WINGWALL #1 THAT REQUIRES REPAIR.
5. SEE GENERAL NOTE 16 ON SHEET 16 FOR REQUIREMENTS FOR WINGWALL REPAIRS BEYOND THE LIMITS IDENTIFIED FOR REPAIRS ON THIS SHEET.



WINGWALL #3
 SCALE: 1:50



WINGWALL #4
 SCALE: 1:50



STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of	DUMMERSTON	Bridge No.	37
Highway No.	TH 62	Log Sta.	
		Surv. Sta.	
TH 62 OVER WEST RIVER			

WINGWALL REPAIR DETAILS

Designed By	T. S. BRYANT	Drawn By	B. J. MASSE
Checked By	S. M. HODGDON	Date	4/09
		Bridge Design Supervisor	S. M. HODGDON Date 4/09

PROJECT	DUMMERSTON	PROJECT NO.	BHO 1442 (28)
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I.G.C. Info.	Bridge Sheet No. ZJ080MA3	Sheet	31 of 49
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