

**TRENCH EXCAVATION**

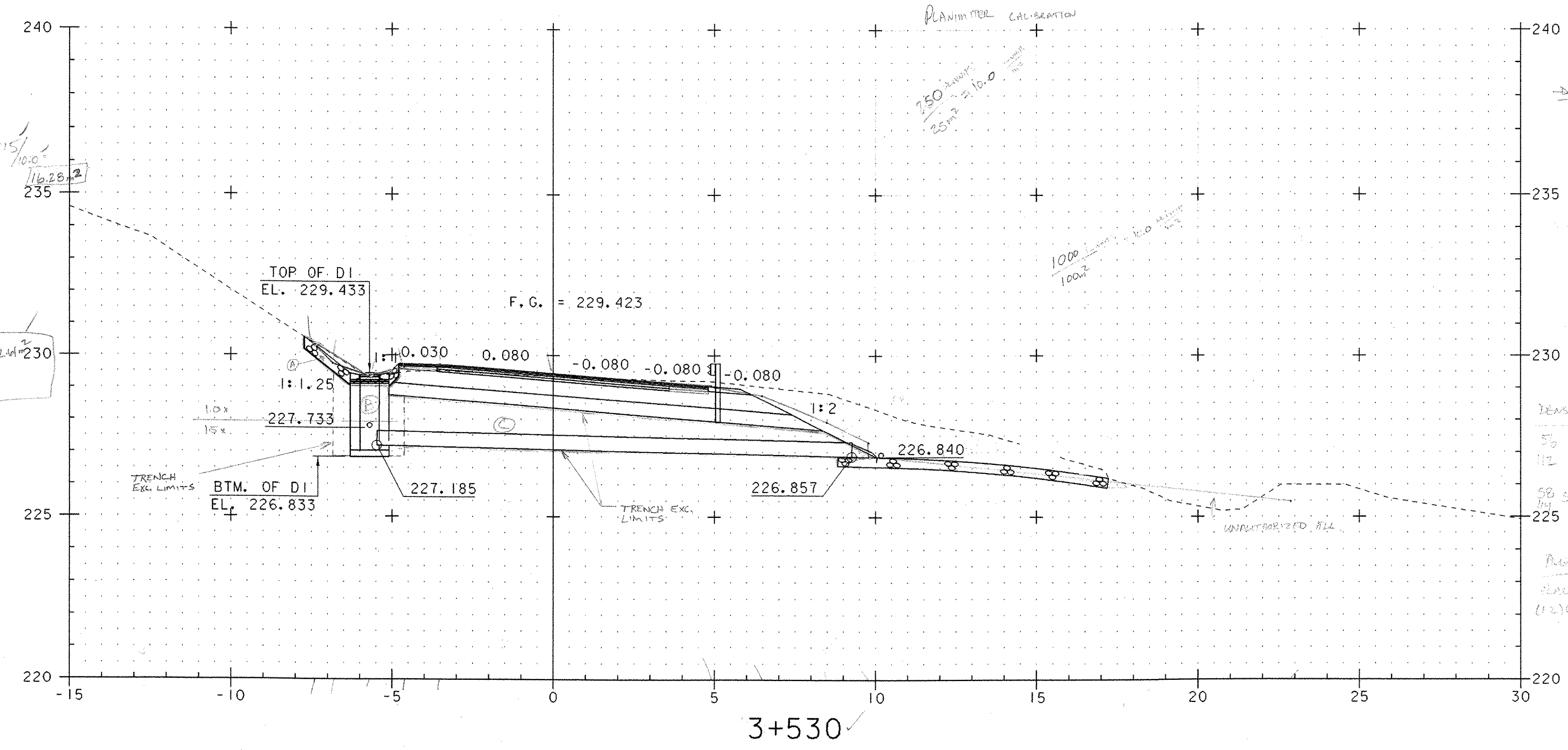
①: 15 29 14.5  
14 14  
28 14

②: 52 51 102  
50 49.5

③: 102 102.5  
32.5 32.5  
164 163  
52.6 52.6

5.03m<sup>2</sup> AREA UNDER  
AREAS 5.03m<sup>2</sup> BELOW  
15m = (1.1m) x (5+12+5) = 242m<sup>2</sup>

PLAN. ACCURACY: 1.0x = 5.03m<sup>2</sup> - 242 = 241 = 230  
1.5x = 242m<sup>2</sup>

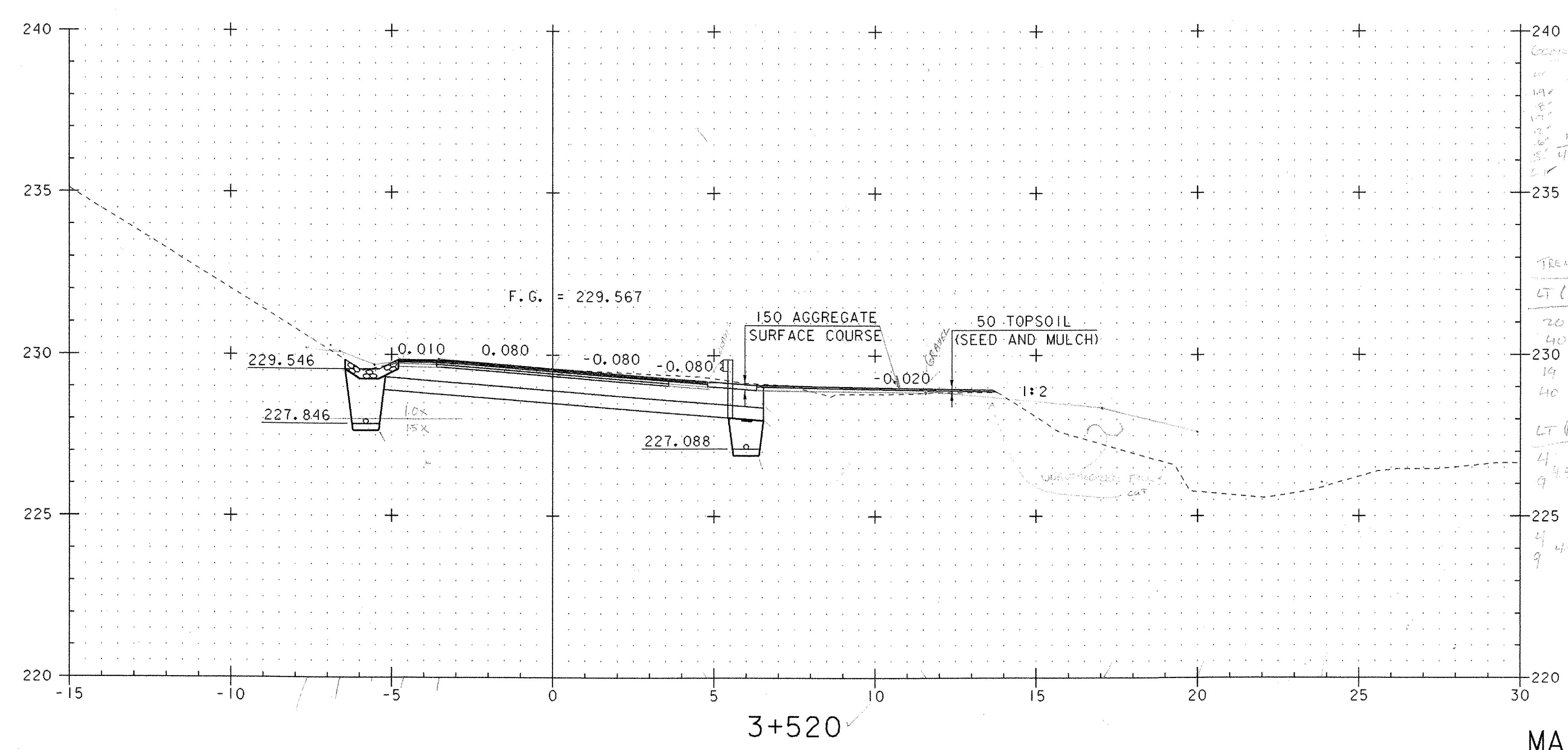


**TRENCH EXCAVATION**

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DENSE GRANITE	SAND	COMMONLY
59 56	54 55	228 226
112	110	452
56.5/10.0 = 5.65m <sup>2</sup>	50 51.5	225 226
	115	450
		22.55 m <sup>2</sup>

PLANIMETER CALCULATION  
PLANIMETERED AREA BY KRM 12-6-06



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PLANIMETERED AREA BY KRM 12-6-06

**MAINLINE CROSS SECTIONS (4)**

PROJECT NAME: LYNDON  
PROJECT NUMBER: BRS 0269 (8S)

FILE NAME: 85e04\Structures\se04m04.1  
PROJECT MANAGER: R. R. WHITCOMB  
DESIGNED BY: G. ROY  
STA. 3+520 TO STA. 3+530

PLOT DATE: 29-NOV-2005  
DRAWN BY: G. ROY  
CHECKED BY: M. LOZIER  
SHEET 54 OF 68

