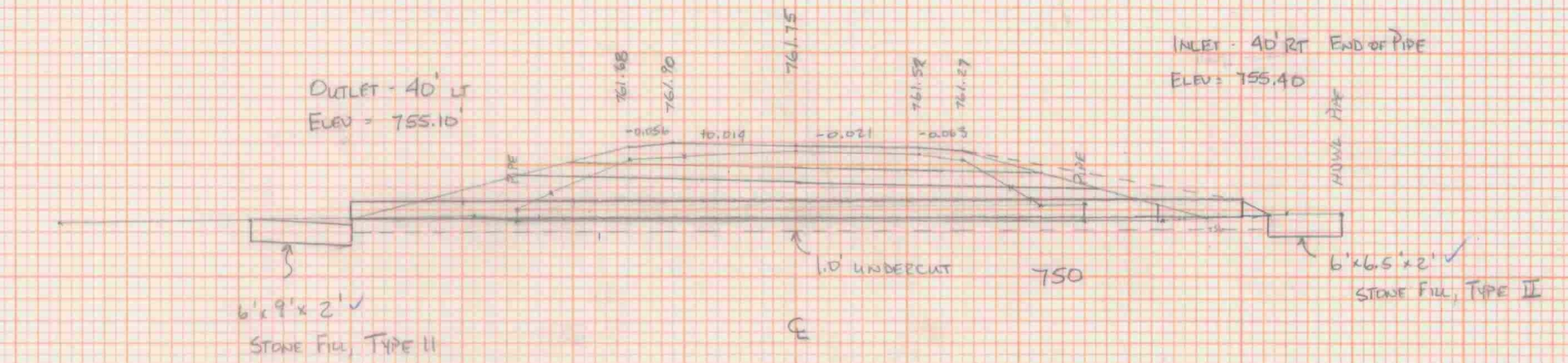
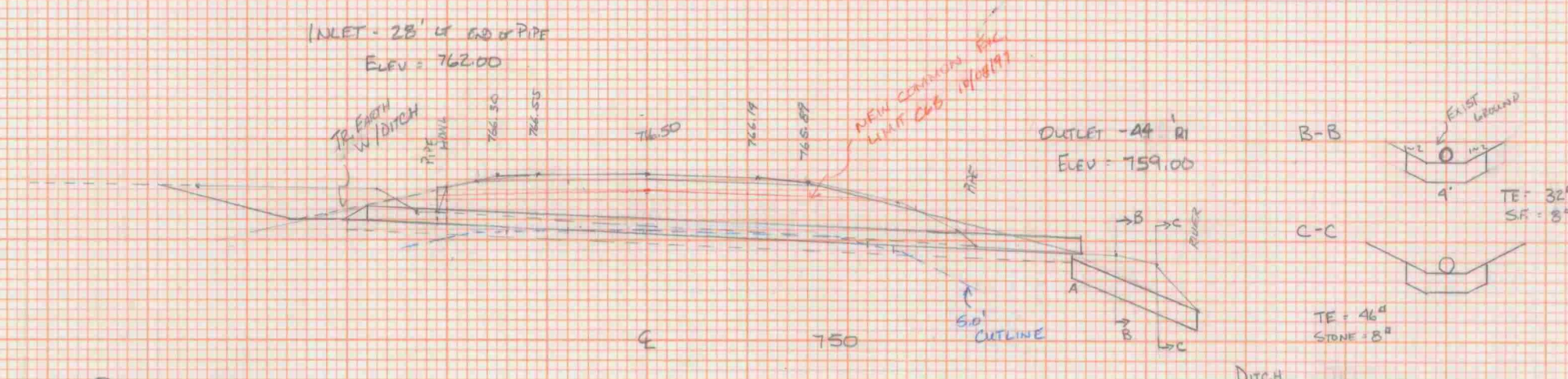


$E = \frac{V_1(D)}{L} = \frac{V_1(1.201)}{100} = 0.01201$   
 $E_2 = \frac{12.85 \times 2.4}{100} = 0.3084$   
 $ELEV \text{ @ } G = 762.68 = (13.850 - 12.150) \times (0.01201) + 761.75$   
 BANKING:  $M/L = 37.000$   $W = 0.001$   
 $R_1 = 20000$   $S_1 = 0.005$

$P = \frac{V_1(D)}{L} = \frac{V_1(1.201)}{100} = 0.01201$   
 $E_2 = \frac{12.85 \times 2.4}{100} = 0.3084$   
 $ELEV \text{ @ } G = 762.68 = (13.850 - 12.150) \times (0.01201) + 761.75$   
 BANKING:  $M/L = 37.000$   $W = 0.001$   
 $R_1 = 20000$   $S_1 = 0.005$

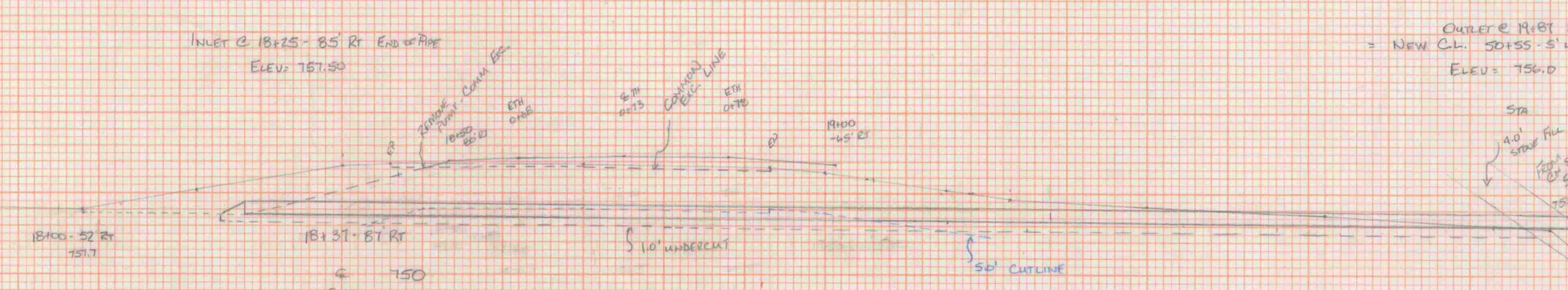


- QUANTITIES
- TRENCH EARTH  
 - NEW PIPE =  $(111.0 \times 3.6 \times 1/2) = 19.8 \text{ cy}$   
 - OLD PIPE =  $(102 \times 3.6 \times 1/2) = 18.3 \text{ cy}$   
 - STONE FILL =  $(102 \times 3.6 \times 2) = 734.4 \text{ cu ft}$   
 FIELD MEAS. COB 1/10/76
  - STONE FILL TYPE II  
 - C. QUANT =  $6 \times 6 \times 2 = 72 \text{ cu ft}$  NOT INSTALLED  
 - I. INLET =  $6 \times 6 \times 2 = 72 \text{ cu ft}$  FIELD MEASUREMENT COB 1/10/76
  - UNDERCUT QUANTITIES  
 - TRENCH EARTH =  $(102 \times 3.6 \times 1) = 36.7 \text{ cu ft}$   
 - GRAN. BERG =  $82.5 \times 3.6 \times 1 = 297 \text{ cu ft}$  NOT NEEDED COB 1/10/76



- QUANTITIES
- TRENCH EARTH  
 - NEW PIPE =  $(111.0 \times 3.6 \times 1/2) = 19.8 \text{ cy}$   
 - OLD PIPE =  $(102 \times 3.6 \times 1/2) = 18.3 \text{ cy}$   
 - STONE FILL =  $(102 \times 3.6 \times 2) = 734.4 \text{ cu ft}$   
 FIELD MEAS. COB 1/10/76
  - TRENCH ROCK - MEAS. HEADWALL  
 - TRENCH EARTH =  $(102 \times 3.6 \times 1) = 36.7 \text{ cu ft}$   
 - GRAN. BERG =  $82.5 \times 3.6 \times 1 = 297 \text{ cu ft}$  NOT NEEDED COB 1/10/76
  - STONE FILL TYPE II  
 - C. QUANT =  $6 \times 6 \times 2 = 72 \text{ cu ft}$  NOT INSTALLED  
 - I. INLET =  $6 \times 6 \times 2 = 72 \text{ cu ft}$  FIELD MEASUREMENT COB 1/10/76
  - UNDERCUT QUANTITIES  
 - TRENCH EARTH =  $(102 \times 3.6 \times 1) = 36.7 \text{ cu ft}$   
 - GRAN. BERG =  $82.5 \times 3.6 \times 1 = 297 \text{ cu ft}$  NOT NEEDED COB 1/10/76

ITEM	QUANTITY	UNIT	REMARKS
TRENCH EARTH	19.8	cy	
OLD PIPE	18.3	cy	
STONE FILL	734.4	cu ft	
TRENCH ROCK	36.7	cu ft	
GRAN. BERG	297	cu ft	
STONE FILL TYPE II	144	cu ft	
TRENCH EARTH	36.7	cu ft	
GRAN. BERG	297	cu ft	



- QUANTITIES
- TRENCH EARTH  
 - TRENCH EARTH =  $(102 \times 3.6 \times 1) = 36.7 \text{ cu ft}$   
 - GRAN. BERG =  $82.5 \times 3.6 \times 1 = 297 \text{ cu ft}$  NOT NEEDED COB 1/10/76
  - UNDERCUT QUANTITIES  
 - TRENCH EARTH =  $(102 \times 3.6 \times 1) = 36.7 \text{ cu ft}$   
 - GRAN. BERG =  $82.5 \times 3.6 \times 1 = 297 \text{ cu ft}$  NOT NEEDED COB 1/10/76

ITEM	QUANTITY	UNIT	REMARKS
TRENCH EARTH	36.7	cu ft	
GRAN. BERG	297	cu ft	
TRENCH EARTH	36.7	cu ft	
GRAN. BERG	297	cu ft	

BRANIFF BES D107(6)  
 DRAINAGE SURF #10 /  
 Paved COB 1/10/76