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NOTE BOOK  
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TRENCH EXCAV

Pipe 18" dia x 2.6' = 4520 cf  
D.I. 6' x 4' = 144

$\frac{4520 \text{ cf}}{27} = 167.4 \text{ cu yd}$

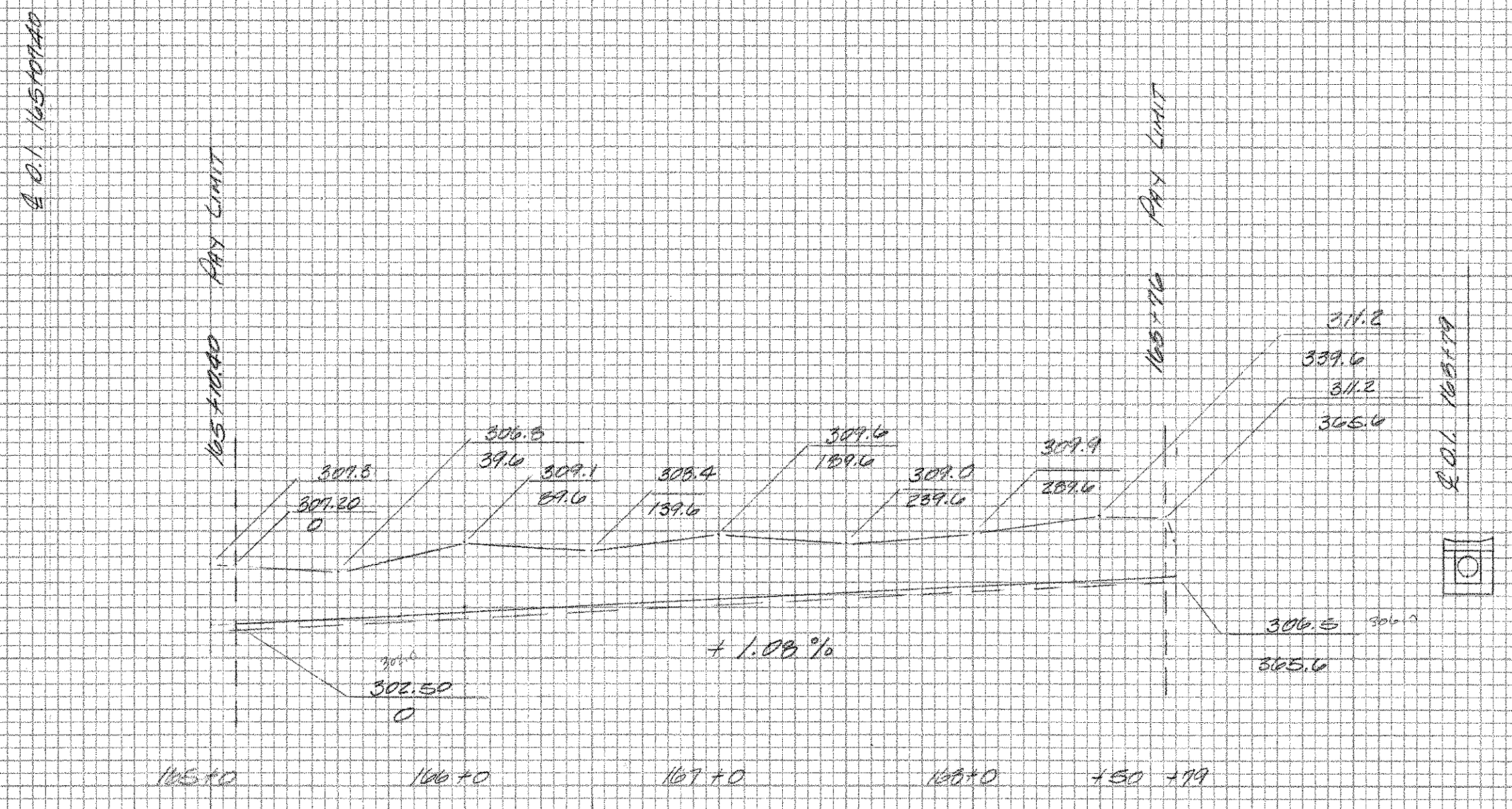
Gr. Excavation

$\frac{362 \times 3.6 \times 0.5}{27} = 24.8 \text{ cu yd}$

Station	Elev	T. STK ELEV	STK OFF	CUT
161+50	290.0	298.86	53	2.86
162+0	290.34	301.20	53	4.86
+50	299.21	303.06	33	6.85
163+0	299.91	304.80	33	6.89
+50	298.64	-	-	-
164+0	299.18	300.25	21.07	9.07
+50	299.91	-	-	-
165+0	300.45	-	-	-
+04	300.60	-	-	-

ALL OFF 33' R/L

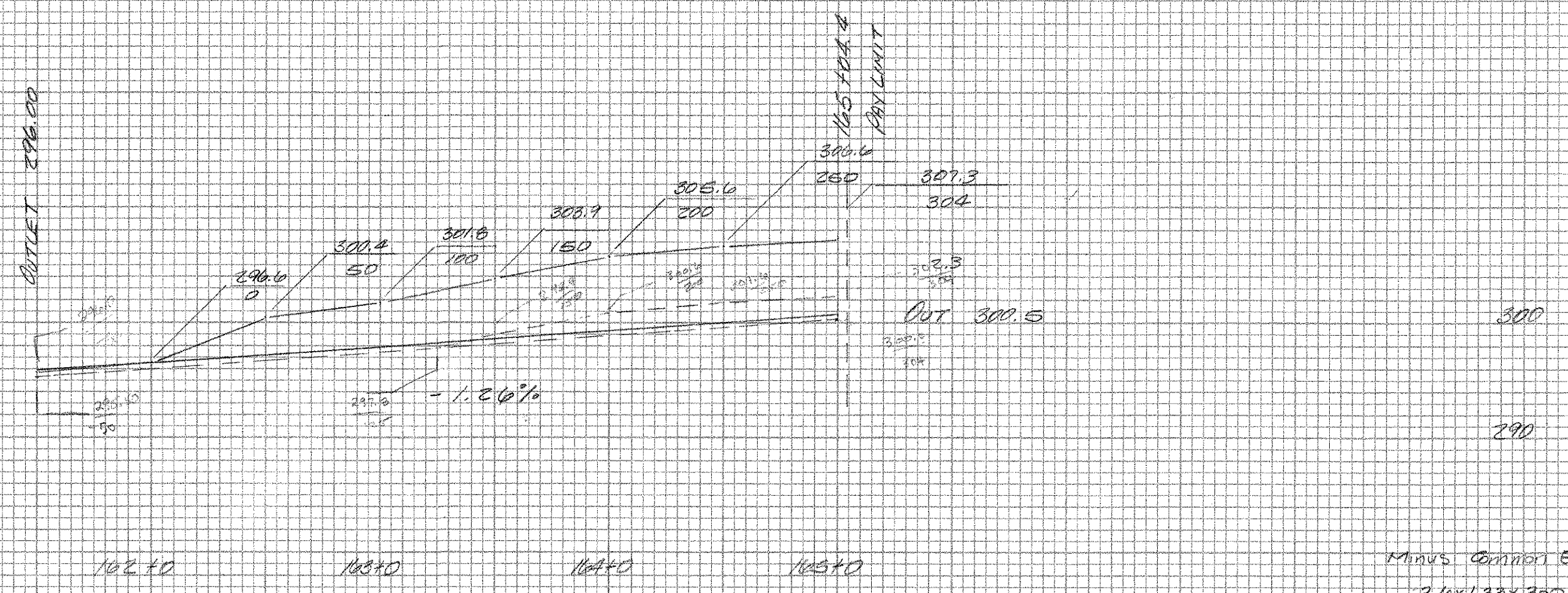
Station	Elev	T. STK	CUT
165+00	302.50	-	-
+50	302.95	309.96	7.01
166+0	303.49	312.12	8.63
+50	304.03	311.22	7.19
167+0	304.57	311.70	7.13
+50	305.11	312.23	7.12
168+0	305.65	314.22	8.57
+50	306.19	314.50	8.31
+70	306.60	-	-



SCALE: 1" = 50'

165+00 ~ 165+79 R/L [BK 2J p 32]

NEW 18" x 370 RCCSP  
R201 @ INLET w/ C.I. GRATE TYPE A



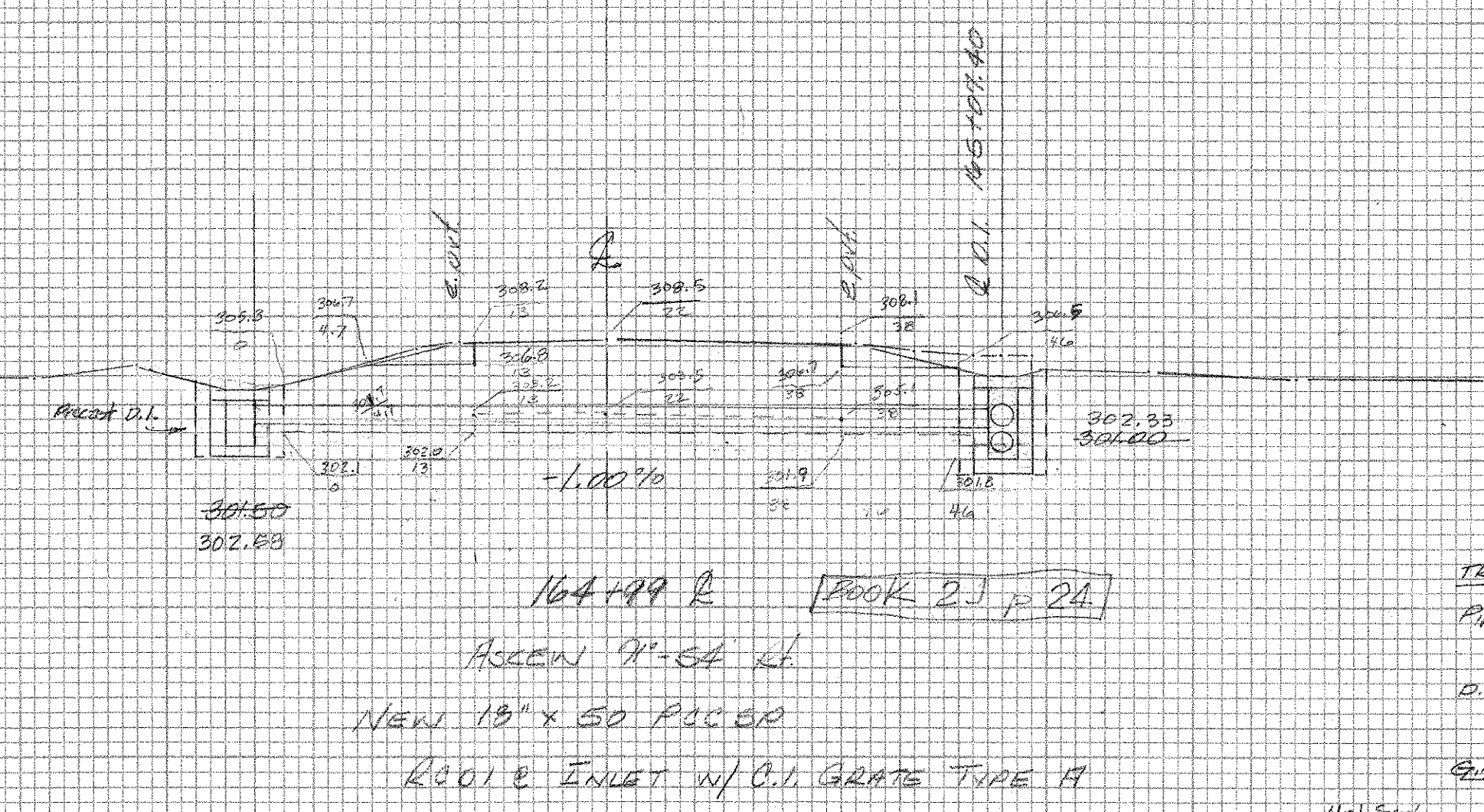
161+50 ~ 165+00 R/L [BK 2J p 35]

NEW 18" x 356' RCCSP  
R201 C INLET w/ C.I. GRATE TYPE A

Minus Common Excav  
 $3.6 \times 1.33 \times 300 / 27 = 53.2$

Trench Excav

Pipe 100% 12" dia x 2.6' = 4520 cf  
130% 20' dia x 1.5 x 2.6' = 1107.1 cf  
D.I. 100% 6' x 4' = 144  
150% 6' x 4' x 1.5 = 135  
 $\frac{4520 \text{ cf}}{27} = 167.4 \text{ cu yd}$   
 $\frac{1107.1 \text{ cf}}{27} = 41.0 \text{ cu yd}$   
 $\frac{144 \text{ cf}}{27} = 5.3 \text{ cu yd}$   
 $\frac{135 \text{ cf}}{27} = 5.0 \text{ cu yd}$   
Total = 218.7 cu yd



164+99 R [BOOK 2J p 24]

NEW 18" x 50 RCCSP  
R201 @ INLET w/ C.I. GRATE TYPE A

TRENCH EXCAV 2.05 76 1379  
Pipe 100% 22" dia x 2.6' = 5241 cf  
150% 73' x 2.6' = 243  
D.I. 6' x 4' x 1.5 = 135  
 $\frac{5241 \text{ cf}}{27} = 194.1 \text{ cu yd}$   
 $\frac{243 \text{ cf}}{27} = 9.0 \text{ cu yd}$   
 $\frac{135 \text{ cf}}{27} = 5.0 \text{ cu yd}$   
Total = 208.1 cu yd

SHOREHAM-BIRCHMOUNT-ADDISON  
BIRCHMOUNT ~ CONDE VILLAGE  
DRAINAGE SHEET NO. B OF 11