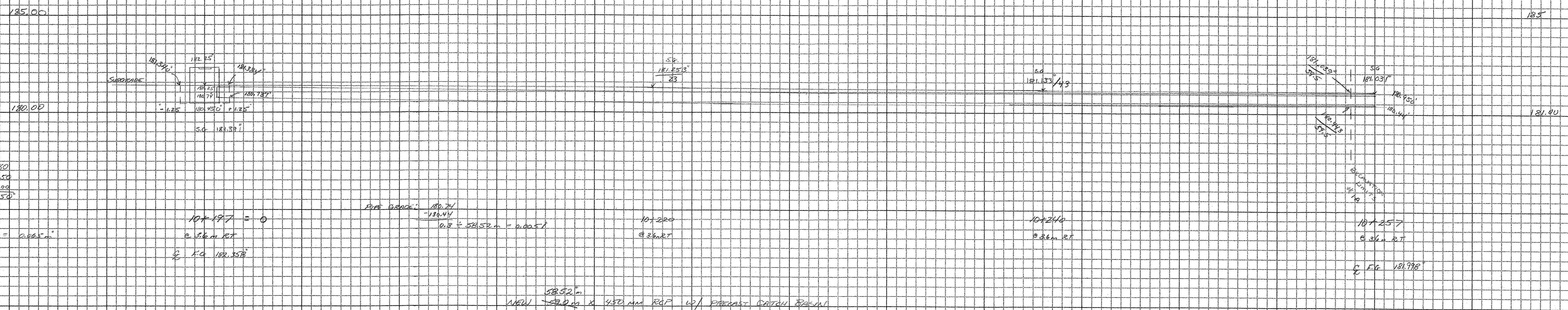


DRAINAGE SYSTEM #1  
 10+197, 36m RT ~ 10+257, 36m RT



FIN 180.80  
 SUPP. = 0.150  
 BANK = 0.500  
 GENL 180.450

PIPE THICKNESS = 0.060m

10+197 = 0  
 @ 3.6m RT  
 @ FG 180.358

PIPE GRADE 180.71  
 @ 58.52m = 0.0051

10+220  
 @ 3.6m RT

10+240  
 @ 3.6m RT

10+257  
 @ 3.6m RT  
 @ FG 180.798

204.20 TRENCH EXCAVATION OF EARTH

CATCH BASIN		PIPS	
0	180.450	1.25	180.737
1.25	180.450	59.5	180.449
1.25	181.384	59.5	181.039
0	181.391	83.0	181.133
-1.25	181.310	83.0	181.257
-1.25	180.450	112.5	181.384
0	180.450	125	180.237
$A_1 = 2.816 \text{ m}^2$		$A_2 = 36.082 \text{ m}^2$	
Volume = $2.816 \text{ m}^2 \times 2.5 \text{ m}$ = 5.79 $\text{m}^3$		Volume = $36.082 \text{ m}^2 \times 1.54 \text{ m}$ = 55.58 $\text{m}^3$	
<u>TOTAL = 61.97 <math>\text{m}^3</math></u>			

604.20 PRECAST REINFORCED CONCRETE CATCH BASIN

CONCRETE 450mm RCP CLASS III  
 58.52m

CG  
 1/20/05  
 1/1/05



# CROSS SECTION SHEET

PROJECT NAME: GRAFTON - ROCKINGHAM  
 PROJECT NUMBER: STP 0126 4(3) 9/2  
 FILE NAME: \_\_\_\_\_ PLOT DATE: 07-JUN-2000 13:  
 PROJECT LEADER: \_\_\_\_\_ DRAWN BY: C.GREENWOOD  
 DESIGNED BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_  
 const: g:/common/cadd/m-xsection.dgn SHEET 1 OF 23

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