

DRAINAGE SYSTEM # 6

10+476, 3.6m RT ~ 10+493.8, 5.0m RT

204.20 TRENCH EXCAVATIONS OF AREA A

CATCH BASIN 1		PIPE	
-1.25	178.103	1.25	178.460
0	178.03	3.1	178.253
1.25	178.03	3.1	178.078
1.25	178.427	1.25	179.429
0	178.467	1.25	178.460
-1.25	178.467		
-1.25	178.03		

$A_1 = 3.579 \text{ m}^2$
 $A_2 = 24.115 \text{ m}^2$
 $V_1 = (3.579 \text{ m}^2)(2.5 \text{ m}) = 8.948 \text{ m}^3$
 $V_2 = (24.115 \text{ m}^2)(1.54 \text{ m}) = 37.137 \text{ m}^3$
 $\text{TOTAL} = 46.085 \text{ m}^3 = 1.275 \text{ m}^3$
 $F = 54.81 \text{ ccs}$

204.21 TRENCH EXCAVATIONS OF ROCK

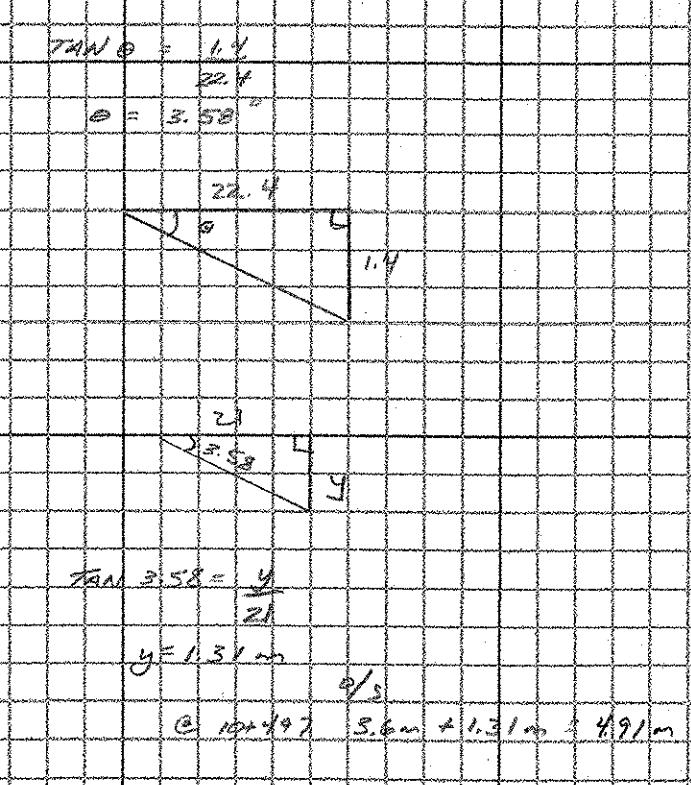
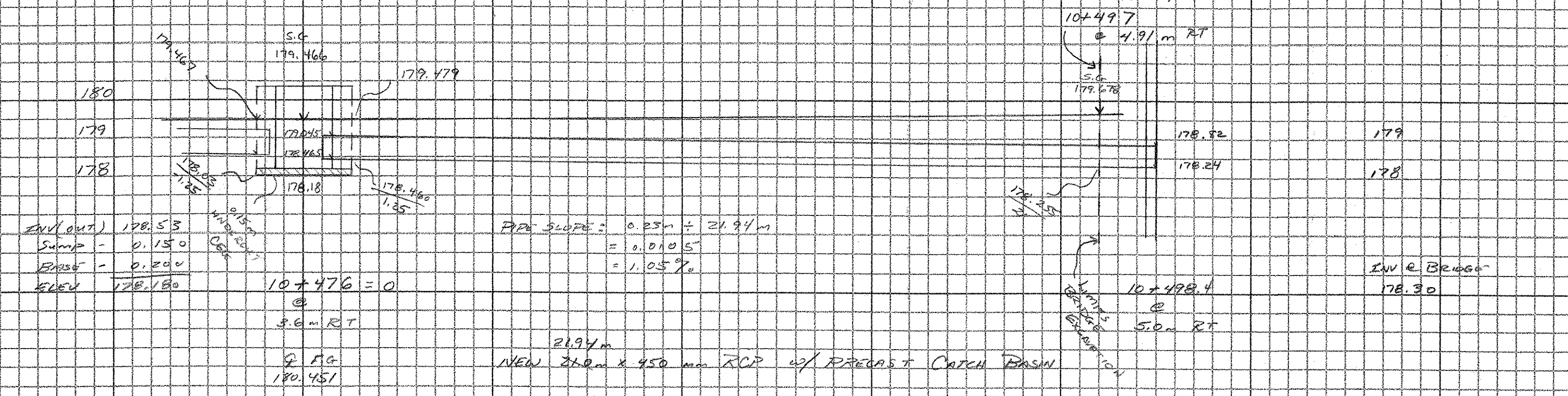
0.75m x 1.0m x 1.7m = 1.275 m³ BOUNDER
 1.275 m³

204.22 PRECAST REINFORCED CONCRETE CATCH BASIN

1.5m

204.23 450mm RCP CLASS III

21.94m



DRAINAGE SYSTEM # 7

SEE ROCKINGHAM T12-9103 PROJECT

CBE
 2/1/05
 1 DWB
 5/1/07



CROSS SECTION SHEET

PROJECT NAME: GRAFTON - ROCKINGHAM
 PROJECT NUMBER: STP 0126 4(S) 4/2
 FILE NAME: _____ PLOT DATE: 07-JUN-2000 13:
 PROJECT LEADER: _____ DRAWN BY: C. GREENWOOD
 DESIGNED BY: _____ CHECKED BY: D. BIGER
 const: g:/common/cadd/m-xsection.dgn SHEET 7 OF 23