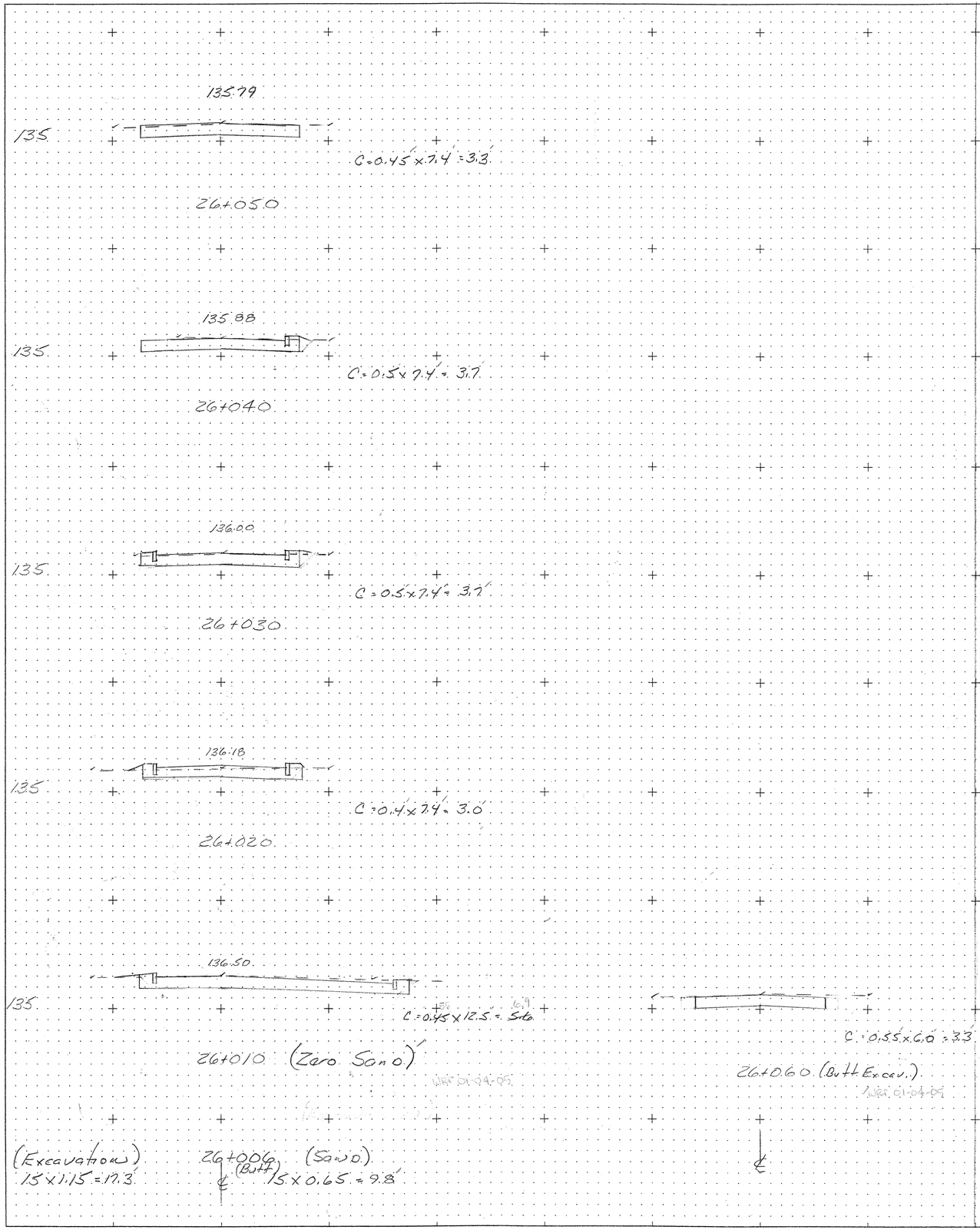
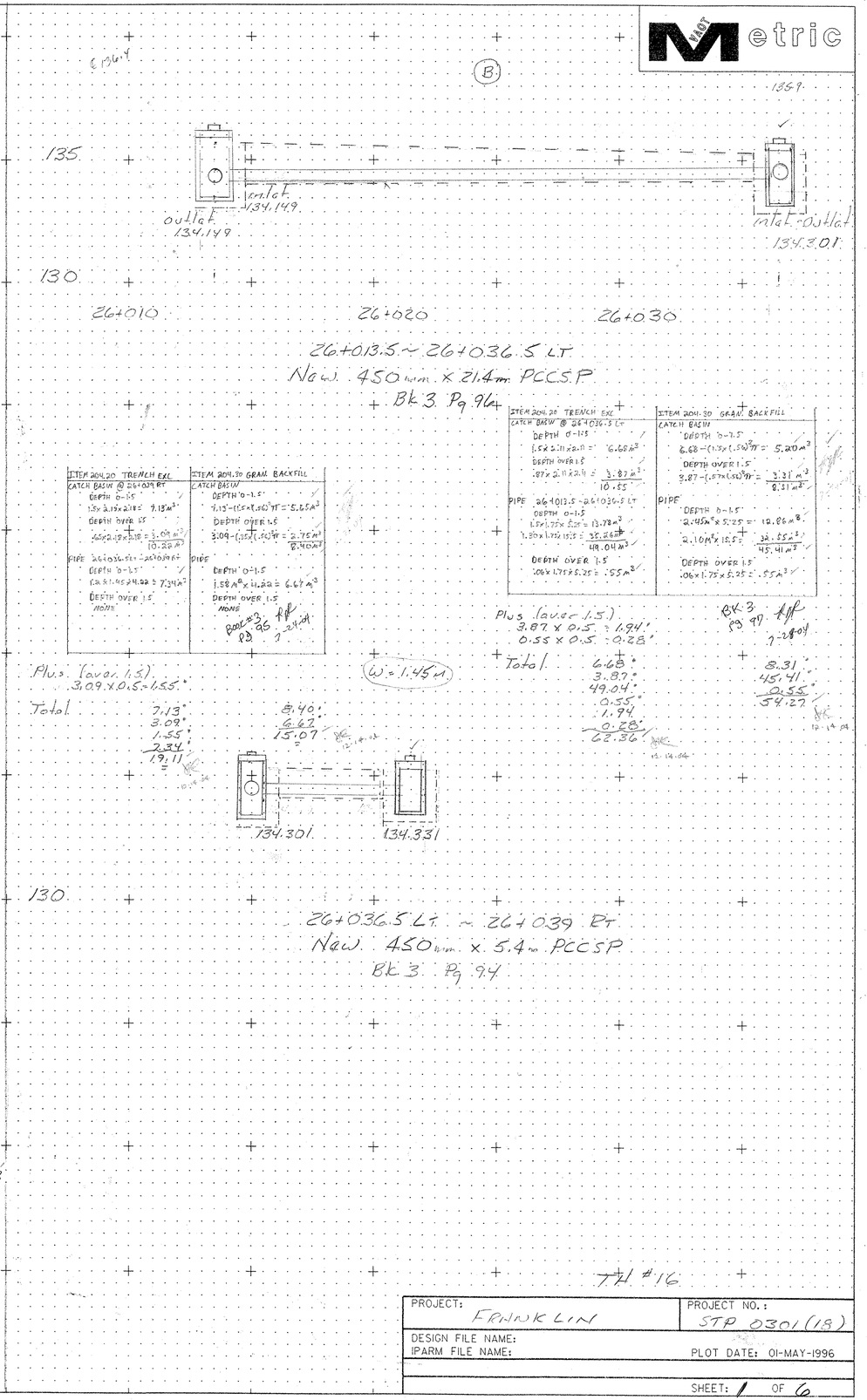
Metric





ITEM 204.20 TRENCH EXC	ITEM 204.30 GRAN. BACKFILL
CATCH BASIN @ 26+039 RT	CATCH BASIN
DEPTH 0-1.5	DEPTH 0-1.5
1.5 x 2.10 x 2.10 = 7.13 m³	7.13 - (1.5 x 1.50) 1T = 5.65 m³
DEPTH OVER 1.5	DEPTH OVER 1.5
4.09 x 1.19 x 2.10 = 3.09 m³	3.09 - (1.5 x 1.50) 1T = 2.75 m³
10.22 m³	8.40 m³
PIPE 26+013.5 - 26+039 RT	PIPE
DEPTH 0-1.5	DEPTH 0-1.5
1.5 x 1.75 x 5.25 = 13.78 m³	1.58 m² x 4.20 = 6.64 m³
1.50 x 1.75 x 15.5 = 35.26 m³	DEPTH OVER 1.5
49.04 m³	NONE
DEPTH OVER 1.5	
.06 x 1.75 x 5.25 = .55 m³	

Plus (over 1.5)
3.09 x 0.5 = 1.55 m³

Total
7.13 m³
3.09 m³
1.55 m³
2.34 m³
19.11 m³

8.40 m³
6.67 m³
15.07 m³

ITEM 204.20 TRENCH EXC	ITEM 204.30 GRAN. BACKFILL
CATCH BASIN @ 26+036.5 LT	CATCH BASIN
DEPTH 0-1.5	DEPTH 0-1.5
1.5 x 2.10 x 2.10 = 6.68 m³	6.68 - (1.5 x 1.50) 1T = 5.20 m³
DEPTH OVER 1.5	DEPTH OVER 1.5
1.87 x 2.10 x 2.10 = 3.87 m³	3.87 - (1.5 x 1.50) 1T = 3.31 m³
10.55	8.51 m³
PIPE 26+013.5 - 26+036.5 LT	PIPE
DEPTH 0-1.5	DEPTH 0-1.5
1.5 x 1.75 x 5.25 = 13.78 m³	2.45 m² x 5.25 = 12.86 m³
1.50 x 1.75 x 15.5 = 35.26 m³	2.10 m² x 15.5 = 32.55 m³
49.04 m³	45.41 m³
DEPTH OVER 1.5	DEPTH OVER 1.5
.06 x 1.75 x 5.25 = .55 m³	.06 x 1.75 x 5.25 = .55 m³

Plus (over 1.5)
3.87 x 0.5 = 1.94 m³
0.55 x 0.5 = 0.28 m³

Total
6.68 m³
3.87 m³
49.04 m³
0.55 m³
1.94 m³
0.28 m³
62.36 m³

8.31 m³
45.41 m³
0.55 m³
54.27 m³

Bk 3 Pg 99

77 #16

PROJECT: FRANKLIN	PROJECT NO.: STP 0301 (18)
DESIGN FILE NAME: IPARM FILE NAME:	PLOT DATE: 01-MAY-1996
	SHEET: 1 OF 6

061