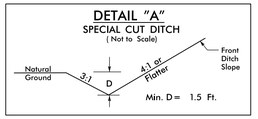
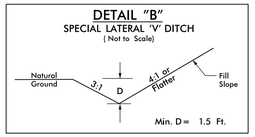
PROJECT REFERENCE NO.	SHEET NO.
U-3465	EC-34/CONST.J6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DETAIL "A"
SPECIAL CUT DITCH
(Not to Scale)



-Y7- STA. 11+25 (RT.) TO -Y7- STA. 12+25 (RT.)

DETAIL "B"
SPECIAL LATERAL 'V' DITCH
(Not to Scale)

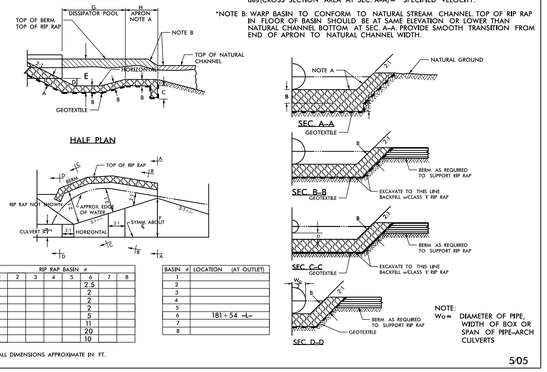


-L- STA. 180+50 (RT.) TO -L- STA. 183+50 (RT.)
-Y7- STA. 12+50 (LT.) TO -Y7- STA. 13+25 (LT.)

DETAIL "L"
RIP-RAPPED ENERGY DISSIPATOR BASIN

*NOTE A: IF EXIT VELOCITY OF BASIN IS SPECIFIED, EXTEND BASIN AS REQUIRED TO OBTAIN SUFFICIENT CROSS SECTIONAL AREA AT SECTION A-A SUCH THAT Q des/CROSS SECTION AREA AT SEC. A-A = SPECIFIED VELOCITY.

*NOTE B: WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL TOP OF RIP RAP IN FLOOR OF BASIN SHOULD BE AT SAME ELEVATION OR LOWER THAN NATURAL CHANNEL BOTTOM AT SEC. A-A. PROVIDE SMOOTH TRANSITION FROM END OF APRON TO NATURAL CHANNEL WIDTH.



DIM.	RIP RAP BASIN # 1	2	3	4	5	6	7	8
A						2.5		
B						2		
C						2		
D						2		
E						5		
F						11		
G						20		
H						10		

*ALL DIMENSIONS APPROXIMATE IN FT.

BASIN #	LOCATION (AT OUTLET)
1	
2	
3	
4	
5	
6	181+54 -L-
7	
8	

505

NAD 83/95

175

57
OMEGA VIII INVESTMENTS LLC
DB 2316 PG 668

58A
OMEGA X LLC
DB 2316 PG 668
DB 3006 PG 133
DB 3085 PG 270
DB 3085 PG 281
DB 2471 PG 178
DB 3085 PG 288
PB 2013 PG 37

58
OMEGA X INVESTMENTS LLC
DB 3191 PG 780
PB 2014 PG 29

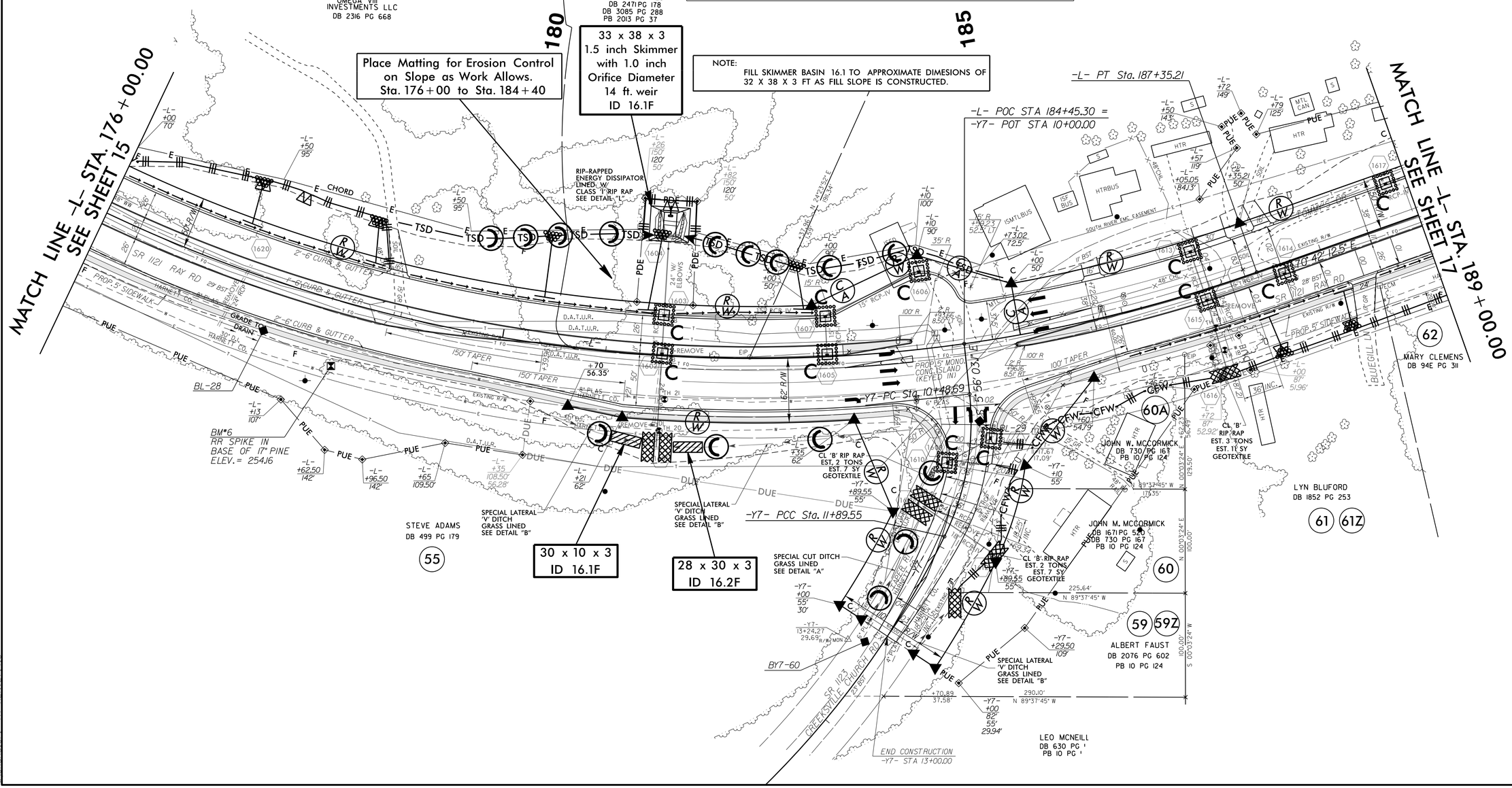
180

185

Place Matting for Erosion Control on Slope as Work Allows. Sta. 176+00 to Sta. 184+40

33 x 38 x 3
1.5 inch Skimmer with 1.0 inch Orifice Diameter
14 ft. weir
ID 16.1F

NOTE:
FILL SKIMMER BASIN 16.1 TO APPROXIMATE DIMESIONS OF 32 X 38 X 3 FT AS FILL SLOPE IS CONSTRUCTED.



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Microstation V8 REN(7)416