PROJECT REFERENCE NO.	SHEET NO.
U-3465	EC-30/CONST.J2
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE: INSTALL SILT FENCE AND BREAKS NO MORE THAN 2 FEET FROM THE TOE OF SLOPE IN DELINEATED WETLANDS WITH HAND CLEARING IMPACTS.

DETAIL "L"

RIP-RAPPED ENERGY DISSIPATOR BASIN

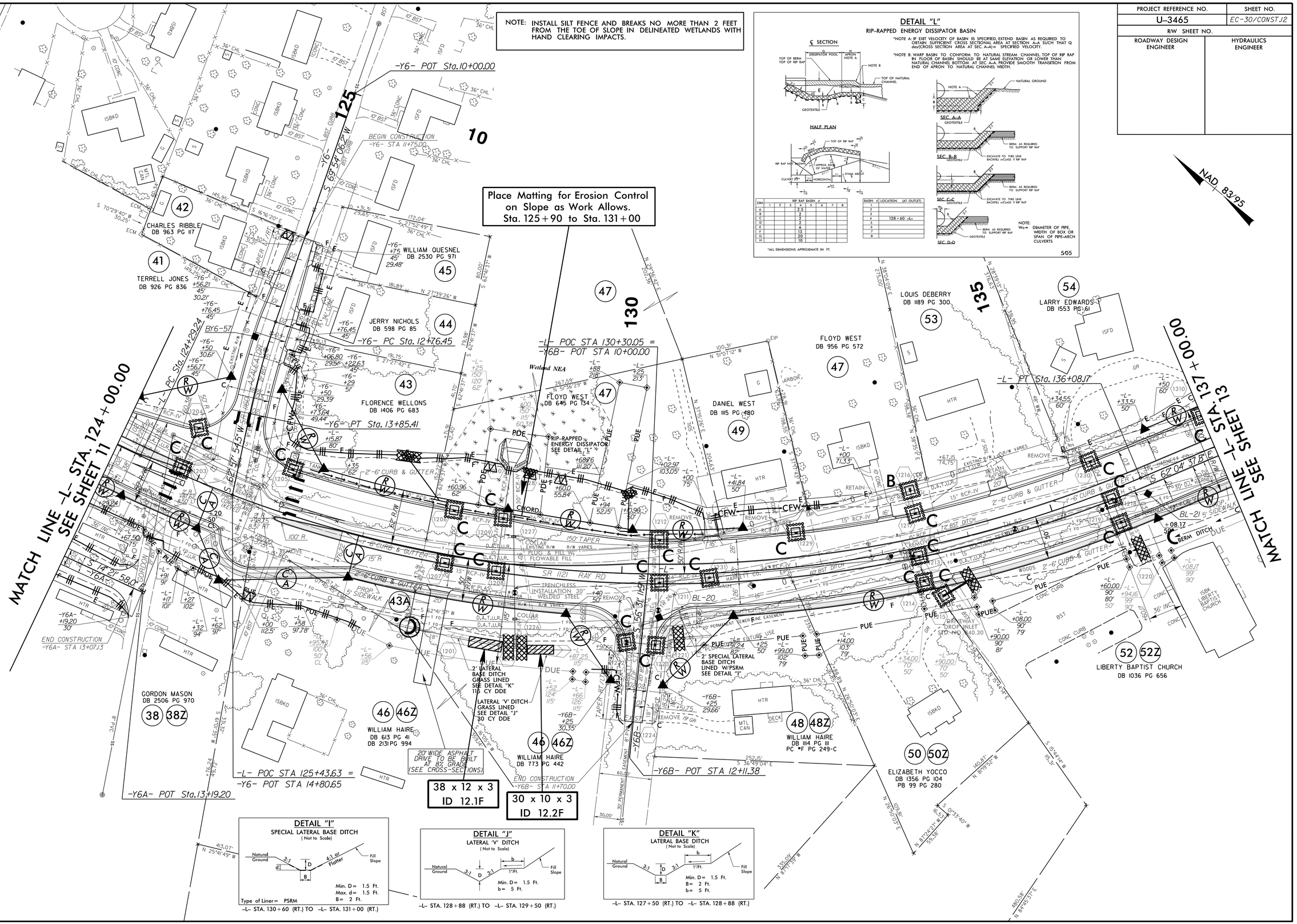
*NOTE A: IF EXIT VELOCITY OF BASIN IS SPECIFIED, EXTEND BASIN AS REQUIRED TO OBTAIN SUFFICIENT CROSS SECTIONAL AREA AT SECTION A-A SUCH THAT Q des/CROSS SECTION AREA AT SEC. A-A = SPECIFIED VELOCITY.

*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				6				
F				13				
G				20				
H				10				

*ALL DIMENSIONS APPROXIMATE IN FT.

BASIN #	LOCATION (AT OUTLET)
1	
2	
3	
4	128+60 -L-
5	
6	
7	
8	



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