PROJECT REFERENCE NO.	SHEET NO.
U-3465	EC-12/CONST.12
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

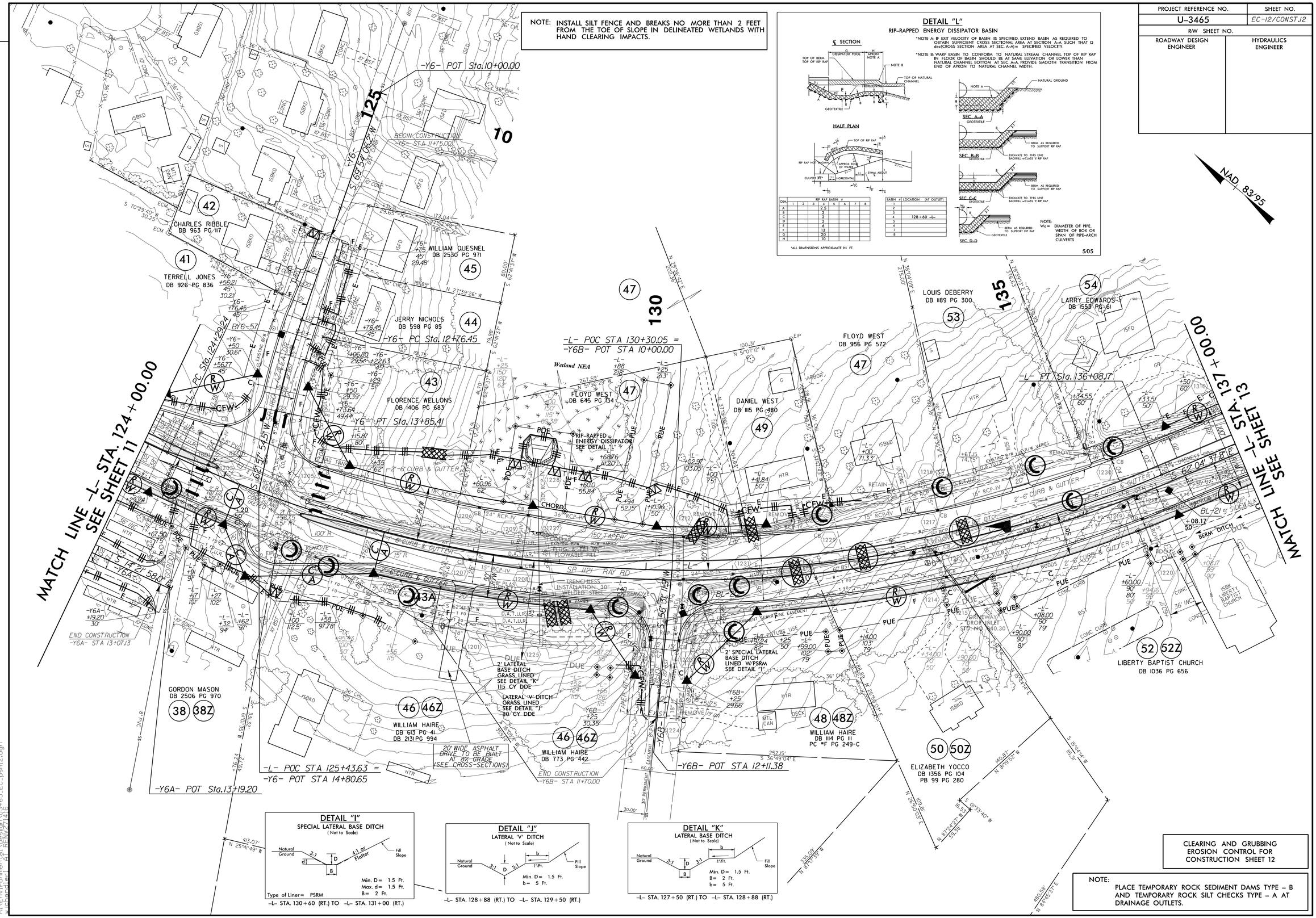
*NOTE A: IF EXIT VELOCITY OF BASIN IS SPECIFIED, EXTEND BASIN AS REQUIRED TO OBTAIN SUFFICIENT CROSS SECTIONAL AREA AT SECTION A-A SUCH THAT Q des/CROSS SECTION AREA AT SEC. A-A = SPECIFIED VELOCITY.

*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	



DETAIL "I"

SPECIAL LATERAL BASE DITCH

(Not to Scale)

Min. D = 1.5 Ft.
Max. d = 1.5 Ft.
B = 2 Ft.

Type of Liner = PSRM

-L- STA. 130+60 (RT.) TO -L- STA. 131+00 (RT.)

DETAIL "J"

LATERAL 'V' DITCH

(Not to Scale)

Min. D = 1.5 Ft.
b = 5 Ft.

-L- STA. 128+88 (RT.) TO -L- STA. 129+50 (RT.)

DETAIL "K"

LATERAL BASE DITCH

(Not to Scale)

Min. D = 1.5 Ft.
B = 2 Ft.
b = 5 Ft.

-L- STA. 127+50 (RT.) TO -L- STA. 128+88 (RT.)

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 12

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

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