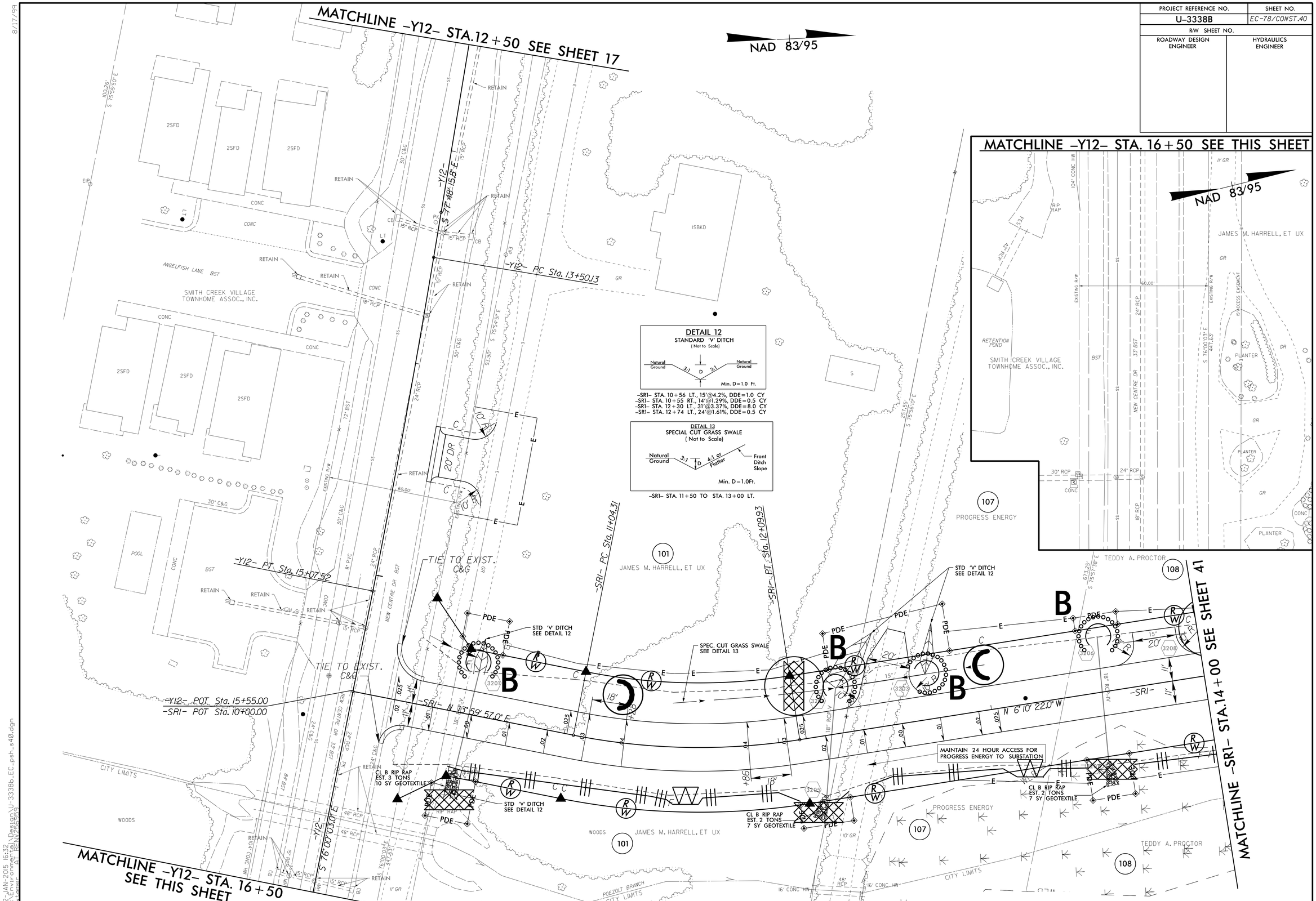
PROJECT REFERENCE NO.	SHEET NO.
U-3338B	EC-78/CONST.40
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



DETAIL 12
STANDARD 'V' DITCH
(Not to Scale)

Natural Ground 3:1 D 3:1 Natural Ground
Min. D=1.0 Ft.

-SR1- STA. 10+56 LT., 15'@4.2%, DDE=1.0 CY
-SR1- STA. 10+55 RT., 14'@1.29%, DDE=0.5 CY
-SR1- STA. 12+30 LT., 31'@3.37%, DDE=8.0 CY
-SR1- STA. 12+74 LT., 24'@1.61%, DDE=0.5 CY

DETAIL 13
SPECIAL CUT GRASS SWALE
(Not to Scale)

Natural Ground 3:1 D 4:1 or Flatter Front Ditch Slope
Min. D=1.0Ft.

-SR1- STA. 11+50 TO STA. 13+00 LT.

8/17/99

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