PROJECT REFERENCE NO.	SHEET NO.
R-513 BB	EC-11/CONST.12
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CONST.REV.

R /W REV.

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.

SEE SHEET 37 FOR -L- PROFILE
SEE SHEET 49 FOR -RA- PROFILE
SEE SHEET 52 FOR -RD- PROFILE
SEE SHEET 2-G FOR SHEAR POINT LAYOUT

-RA-

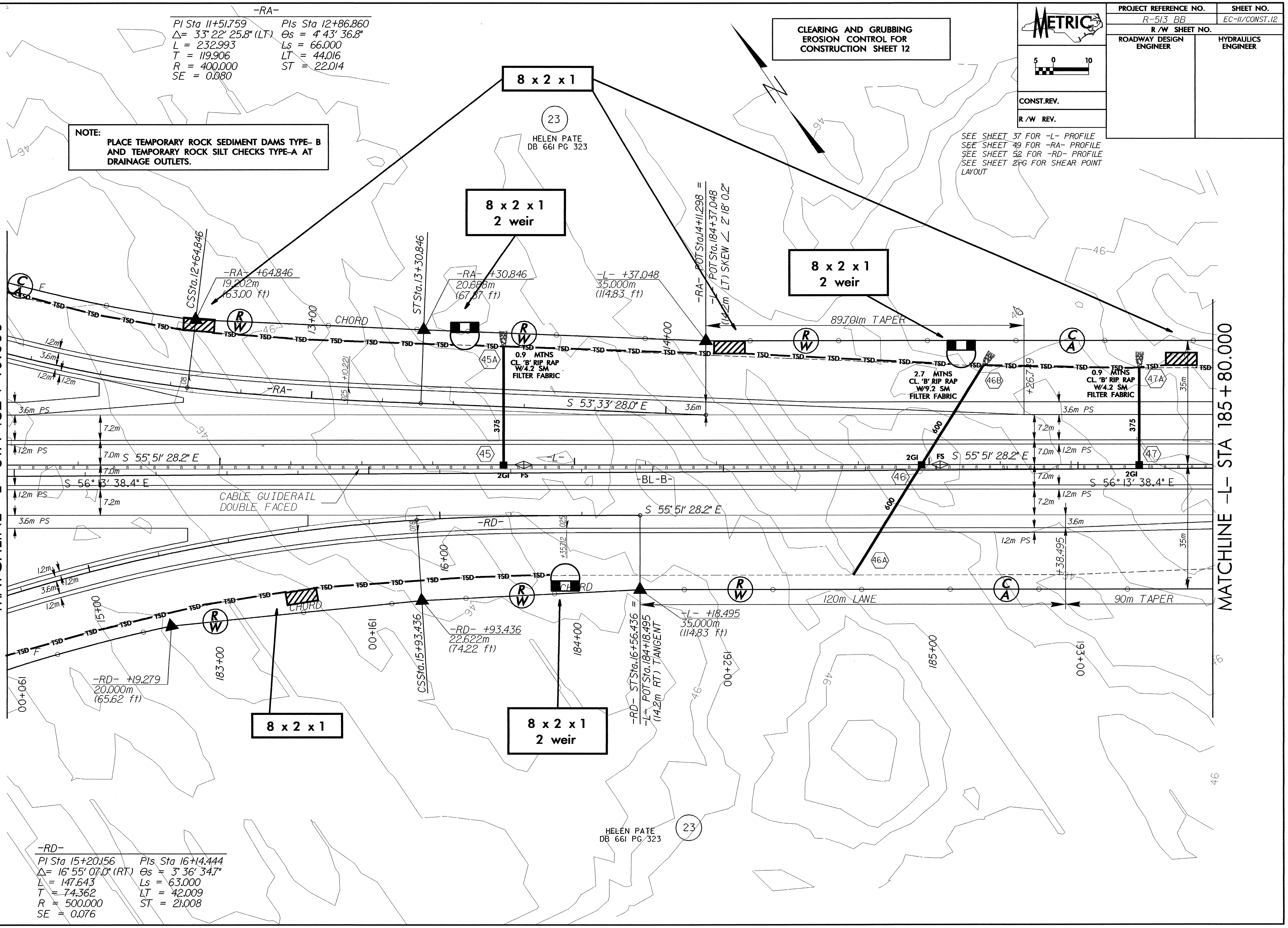
PI Sta 11+51.759
Δ= 33° 22′ 25.8″ (LT)
L = 232.993
T = 119.906
R = 400.000
SE = 0.080

PIs Sta 12+86.860
Θs = 4° 43′ 36.8″
Ls = 66.000
LT = 44.016
ST = 22.014

-RD-

PI Sta 15+20.156
Δ= 16° 55′ 07.0″ (RT)
L = 147.643
T = 74.362
R = 500.000
SE = 0.076

PIs Sta 16+14.444
Θs = 3° 36′ 34.7″
Ls = 63.000
LT = 42.009
ST = 21.008



METRIC
MATCHLINE -L- STA 182+40.000
MATCHLINE -L- STA 185+80.000
8 x 2 x 1
8 x 2 x 1 2 weir
23
HELEN PATE DB 661 PG 323
CSSta.12+64.846
-RA- +64.846 19.202m (63.00 ft)
STSta.13+30.846
-RA- +30.846 20.688m (67.87 ft)
-L- +37.048 35.000m (114.83 ft)
-RA- POTSta.14+11.298 = -L- POTSta.184+37.048 (14.2m LT) SKEW ∠ 2° 18′ 0.2″
89.701m TAPER
CHORD
0.9 MTNS CL. 'B' RIP RAP W/4.2 SM FILTER FABRIC
2.7 MTNS CL. 'B' RIP RAP W/9.2 SM FILTER FABRIC
45A
46B
47A
45
46
46A
47
S 53° 33′ 28.0″ E
S 55° 51′ 28.2″ E
S 56° 13′ 38.4″ E
-BL-B-
CABLE GUIDERAIL DOUBLE FACED
-RD-
2GI
FS
375
600
3.6m PS
1.2m PS
7.2m
7.0m
-RD- +93.436 22.622m (74.22 ft)
CSSta.15+93.436
-RD- +19.279 20.000m (65.62 ft)
-RD- STSta.16+56.436 = -L- POTSta.184+18.495 (14.2m RT) TANGENT
-L- +18.495 35.000m (114.83 ft)
120m LANE
90m TAPER
+38.495
+26.719
183+00
184+00
185+00
190+00
191+00
192+00
193+00