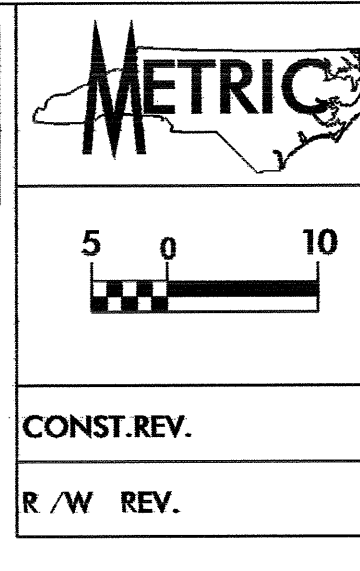


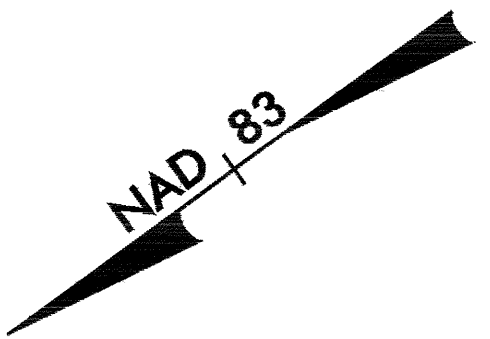
PROJECT REFERENCE NO.	SHEET NO.
R-2552B	PHASE II EC-25
R/W SHEET NO.	



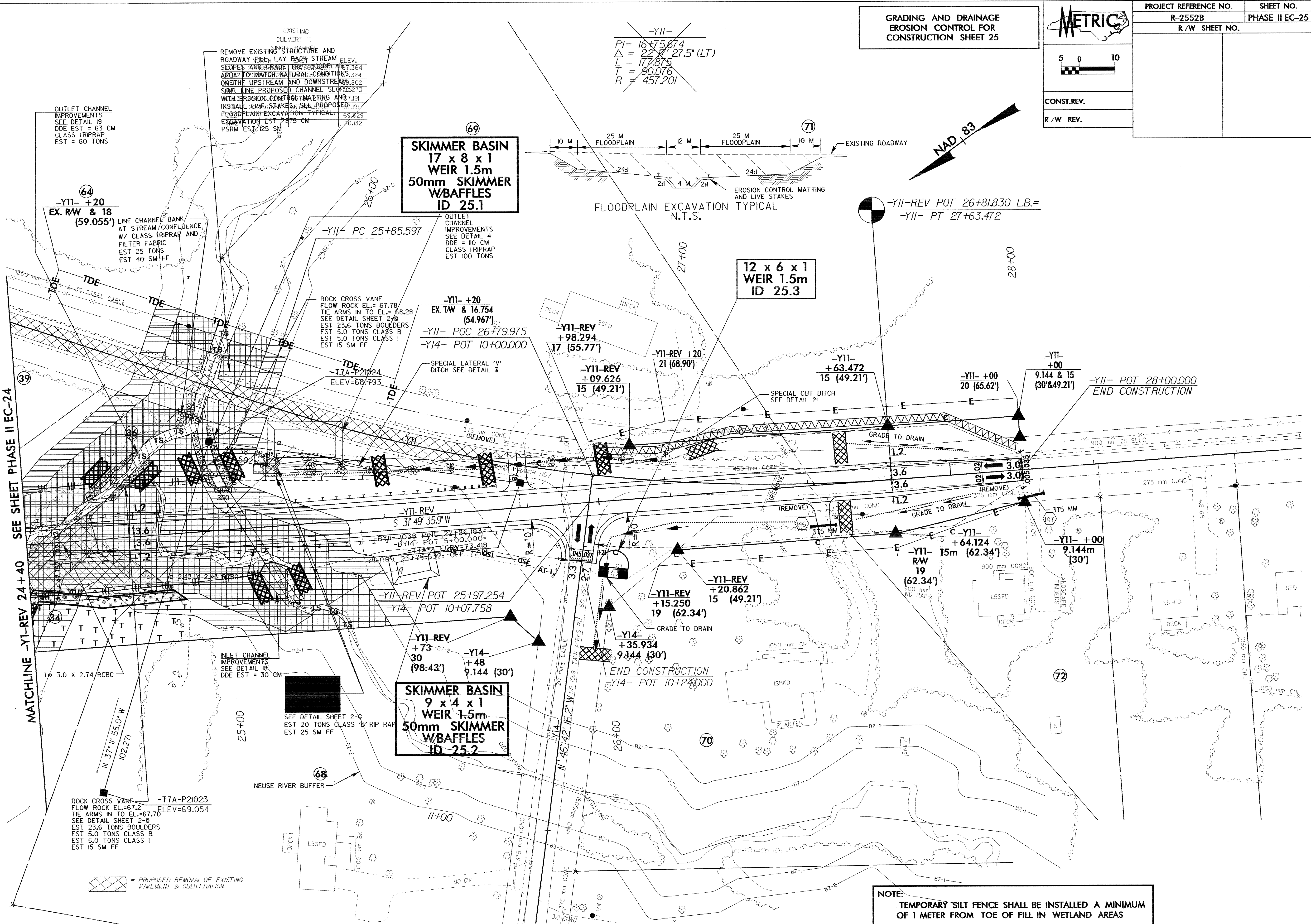
CONST. REV.
R/W REV.

**GRADING AND DRAINAGE
EROSION CONTROL FOR
CONSTRUCTION SHEET 25**

$$\begin{aligned}
 -Y11- \\
 PI = 16+75.674 \\
 \Delta = 22^\circ 27' 27.5'' (LT) \\
 L = 177.875 \\
 T = 90.076 \\
 R = 457.201
 \end{aligned}$$



-Y11-REV POT 26+81.830 L.B.=
-Y11- PT 27+63.472



MATCHLINE -Y1-REV 24 + 40 SEE SHEET PHASE II EC-24

REMOVE EXISTING STRUCTURE AND ROADWAY FILL. LAY BACK STREAM SLOPES AND GRADE THE FLOODPLAIN AREA TO MATCH NATURAL CONDITIONS ON THE UPSTREAM AND DOWNSTREAM. SIDE LINE PROPOSED CHANNEL SLOPES WITH EROSION CONTROL MATTING AND INSTALL LIVE STAKES. SEE PROPOSED FLOODPLAIN EXCAVATION TYPICAL. EXCAVATION EST 2875 CM. PSRM EST 125 SM.

OUTLET CHANNEL IMPROVEMENTS SEE DETAIL 19. DDE EST = 63 CM. CLASS RIPRAP EST = 60 TONS.

**SKIMMER BASIN
17 x 8 x 1
WEIR 1.5m
50mm SKIMMER
W/BAFFLES
ID 25.1**

**12 x 6 x 1
WEIR 1.5m
ID 25.3**

**SKIMMER BASIN
9 x 4 x 1
WEIR 1.5m
50mm SKIMMER
W/BAFFLES
ID 25.2**

ROCK CROSS VANE FLOW ROCK EL.=67.2. THE ARMS IN TO EL.=67.70. SEE DETAIL SHEET 2-0. EST 23.6 TONS BOULDERS. EST 5.0 TONS CLASS B. EST 5.0 TONS CLASS I. EST 15 SM FF.

SEE DETAIL SHEET 2-G. EST 20 TONS CLASS 'B' RIP RAP. EST 25 SM FF.

NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 1 METER FROM TOE OF FILL IN WETLAND AREAS