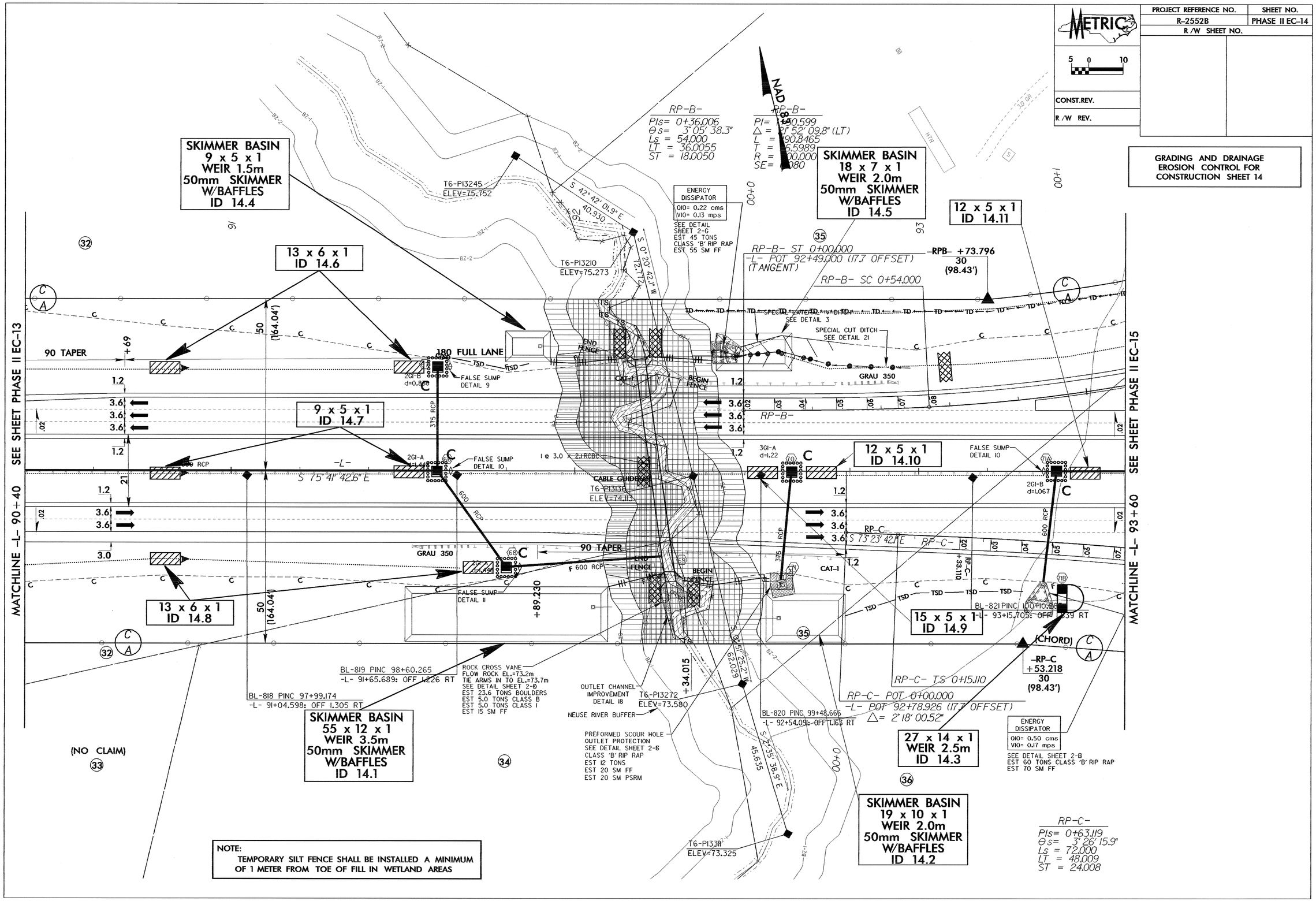

METRIC
PROJECT REFERENCE NO.
R-2552B
SHEET NO.
PHASE II EC-14
R/W SHEET NO.
CONST.REV.
R/W REV.
GRADING AND DRAINAGE EROSION CONTROL FOR CONSTRUCTION SHEET 14
SKIMMER BASIN 9 x 5 x 1 WEIR 1.5m 50mm SKIMMER W/BAFFLES ID 14.4
13 x 6 x 1 ID 14.6
9 x 5 x 1 ID 14.7
13 x 6 x 1 ID 14.8
SKIMMER BASIN 55 x 12 x 1 WEIR 3.5m 50mm SKIMMER W/BAFFLES ID 14.1
SKIMMER BASIN 18 x 7 x 1 WEIR 2.0m 50mm SKIMMER W/BAFFLES ID 14.5
12 x 5 x 1 ID 14.11
12 x 5 x 1 ID 14.10
15 x 5 x 1 ID 14.9
27 x 14 x 1 WEIR 2.5m ID 14.3
SKIMMER BASIN 19 x 10 x 1 WEIR 2.0m 50mm SKIMMER W/BAFFLES ID 14.2
MATCHLINE -L- 90+40 SEE SHEET PHASE II EC-13
MATCHLINE -L- 93+60 SEE SHEET PHASE II EC-15
NAD 83
RP-B-
PIs= 0+36.006
θs= 3° 05' 38.3"
Ls = 54.000
LT = 36.0055
ST = 18.0050
RP-B-
PI= 1+90.599
Δ = 21° 52' 09.8" (LT)
L = 90.8465
T = 6.5989
R = 00.000
SE= 080
ENERGY DISSIPATOR
Q10= 0.22 cms
V10= 0.13 mps
SEE DETAIL SHEET 2-G
EST 45 TONS CLASS 'B' RIP RAP
EST 55 SM FF
RP-B- ST 0+00.000
-L- POT 92+49.000 (17.7 OFFSET)
(TANGENT)
RP-B- SC 0+54.000
-RPB- +73.796
30
(98.43')
SPECIAL CUT DITCH SEE DETAIL 21
GRAU 350
90 TAPER
180 FULL LANE
FALSE SUMP DETAIL 9
FALSE SUMP DETAIL 10
FALSE SUMP DETAIL 11
CABLE GUIDE
T6-PI3245 ELEV=75.752
T6-PI3210 ELEV=75.273
T6-PI3136 ELEV=74.113
T6-PI3272 ELEV=73.580
T6-PI3311 ELEV=73.325
S 42° 42' 01.9" E 40.930
S 0° 20' 42.1" W 72.772
S 75° 41' 42.6" E
S 73° 23' 42.1" E
S 2° 35' 38.9" E 45.635
BL-819 PINC 98+60.265
-L- 91+65.689: OFF 1.226 RT
BL-818 PINC 97+99.174
-L- 91+04.598: OFF 1.305 RT
BL-820 PINC 99+48.666
-L- 92+54.091: OFF 1.163 RT
BL-821 PINC 100+10.28
-L- 93+15.705: OFF 1.339 RT
ROCK CROSS VANE
FLOW ROCK EL.=73.2m
TIE ARMS IN TO EL.=73.7m
SEE DETAIL SHEET 2-D
EST 23.6 TONS BOULDERS
EST 5.0 TONS CLASS B
EST 5.0 TONS CLASS I
EST 15 SM FF
OUTLET CHANNEL IMPROVEMENT DETAIL 18
NEUSE RIVER BUFFER
PREFORMED SCOUR HOLE OUTLET PROTECTION
SEE DETAIL SHEET 2-E
CLASS 'B' RIP RAP
EST 12 TONS
EST 20 SM FF
EST 20 SM PSRM
RP-C- TS 0+15.110
RP-C- POT 0+00.000
-L- POT 92+78.926 (17.7 OFFSET)
Δ= 2° 18' 00.52"
-RP-C +53.218
30
(98.43')
(CHORD)
ENERGY DISSIPATOR
Q10= 0.50 cms
V10= 0.17 mps
SEE DETAIL SHEET 2-B
EST 60 TONS CLASS 'B' RIP RAP
EST 70 SM FF
(NO CLAIM)
RP-C-
PIs= 0+63.119
θs= 3° 26' 15.9"
Ls = 72.000
LT = 48.009
ST = 24.008
NOTE:
TEMPORARY SILT FENCE SHALL BE INSTALLED A MINIMUM OF 1 METER FROM TOE OF FILL IN WETLAND AREAS