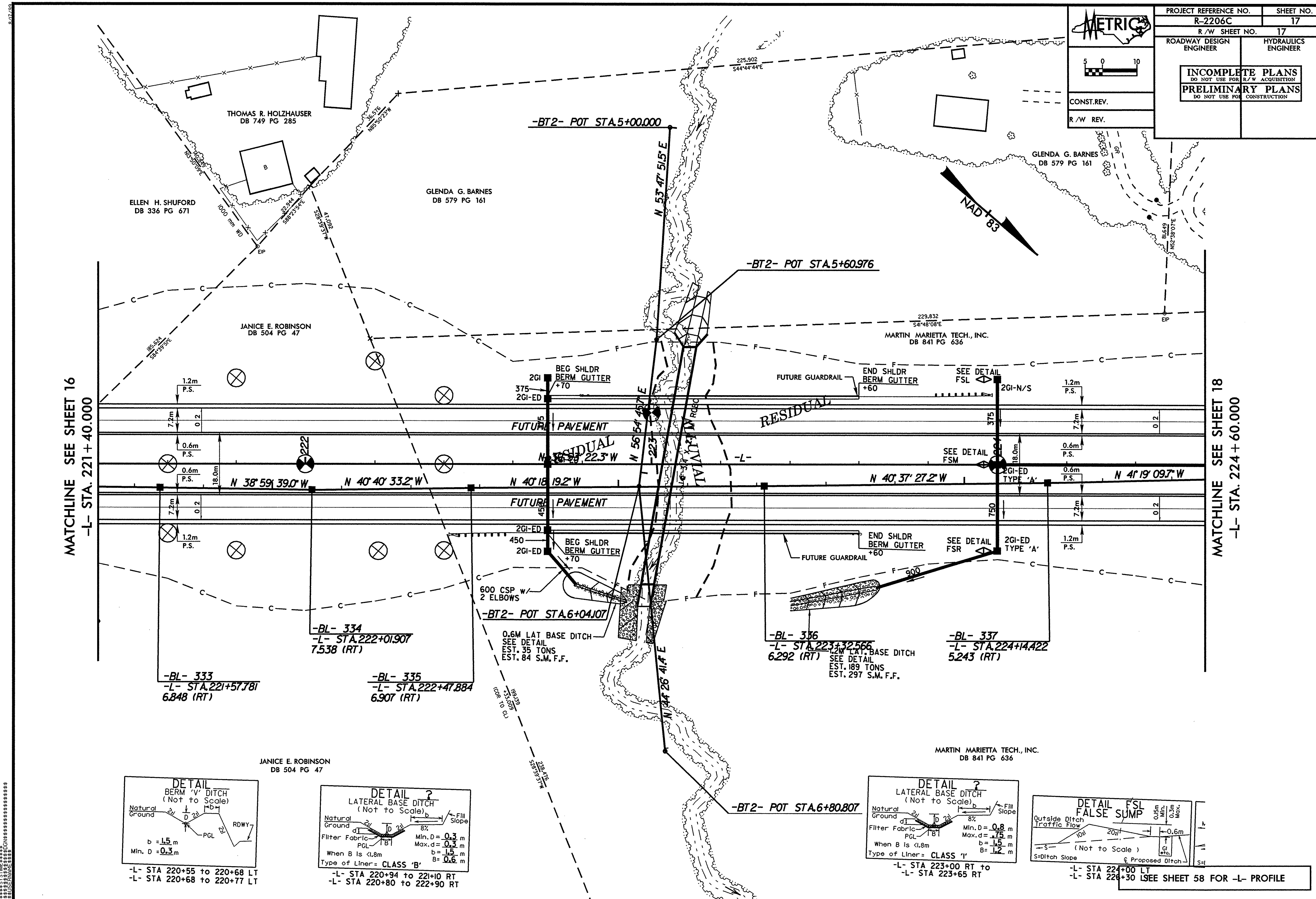

PROJECT REFERENCE NO.
R-2206C
SHEET NO.
17
R/W SHEET NO. 17
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
METRIC
5 0 10
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
CONST.REV.
R/W REV.
THOMAS R. HOLZHAUSER
DB 749 PG 285
ELLEN H. SHUFORD
DB 336 PG 671
GLENDA G. BARNES
DB 579 PG 161
GLENDA G. BARNES
DB 579 PG 161
JANICE E. ROBINSON
DB 504 PG 47
MARTIN MARIETTA TECH., INC.
DB 841 PG 636
JANICE E. ROBINSON
DB 504 PG 47
MARTIN MARIETTA TECH., INC.
DB 841 PG 636
NAD 83
1000 mm WD
EIP
140.843 N13°50'09"E
22.944 S88°23'54"E
36.576 N85°50'23"W
47.092 S28°39'37"W
185.624 S84°39'51"E
225.902 S44°44'44"E
229.832 S41°48'08"E
81.649 N52°38'07"E
199.139 +33.009 (COR TO CL)
238.476 S28°39'37"W
-BT2- POT STA.5+00.000
N 53° 47' 51.5" E
-BT2- POT STA.5+60.976
-BT2- POT STA.6+04.107
-BT2- POT STA.6+80.807
N 56° 54' 45.7" E
N 44° 26' 41.4" E
MATCHLINE SEE SHEET 16
-L- STA. 221+40.000
MATCHLINE SEE SHEET 18
-L- STA. 224+60.000
N 38° 59' 39.0" W
N 40° 40' 33.2" W
N 40° 18' 19.2" W
N 38° 53' 22.3" W
N 40° 37' 27.2" W
N 41° 19' 09.7" W
FUTURE PAVEMENT
FUTURE PAVEMENT
RESIDUAL
RESIDUAL
ALLUVIAL
-L-
222
223
224
1.2m P.S.
7.2m
0.6m P.S.
18.0m
2GI
BEG SHLDR BERM GUTTER +70
375
2GI-ED
450
2GI-ED
BEG SHLDR BERM GUTTER +70
FUTURE GUARDRAIL
END SHLDR BERM GUTTER +60
SEE DETAIL FSL
2GI-N/S
SEE DETAIL FSM
2GI-ED TYPE 'A'
750
SEE DETAIL FSR
2GI-ED TYPE 'A'
900
600 CSP w/ 2 ELBOWS
0.6M LAT BASE DITCH
SEE DETAIL
EST. 35 TONS
EST. 84 S.M. F.F.
1.2M LAT. BASE DITCH
SEE DETAIL
EST. 189 TONS
EST. 297 S.M. F.F.
-BL- 333
-L- STA.221+57.781
6.848 (RT)
-BL- 334
-L- STA.222+01.907
7.538 (RT)
-BL- 335
-L- STA.222+47.884
6.907 (RT)
-BL- 336
-L- STA.223+32.566
6.292 (RT)
-BL- 337
-L- STA.224+14.422
5.243 (RT)
DETAIL
BERM 'V' DITCH
(Not to Scale)
Natural Ground
RDWY
PGL
b = 1.5 m
Min. D = 0.3 m
-L- STA 220+55 to 220+68 LT
-L- STA 220+68 to 220+77 LT
DETAIL ?
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
PGL
When B is <1.8m
Type of Liner= CLASS 'B'
Min. D = 0.3 m
Max. d = 0.3 m
b = 1.5 m
B = 0.6 m
-L- STA 220+94 to 221+10 RT
-L- STA 220+80 to 222+90 RT
DETAIL ?
LATERAL BASE DITCH
(Not to Scale)
Natural Ground
Fill Slope
Filter Fabric
PGL
When B is <1.8m
Type of Liner= CLASS 'I'
Min. D = 0.8 m
Max. d = .75 m
b = 1.5 m
B = 1.2 m
-L- STA 223+00 RT to
-L- STA 223+65 RT
DETAIL FSL
FALSE SUMP
Outside Ditch Traffic Flow
0.15m Min.
0.3m Max.
10:1
20:1
0.6m
(Not to Scale)
S=Ditch Slope
GI etc.
℄ Proposed Ditch
-L- STA 224+00 LT
-L- STA 226+30 LT
SEE SHEET 58 FOR -L- PROFILE