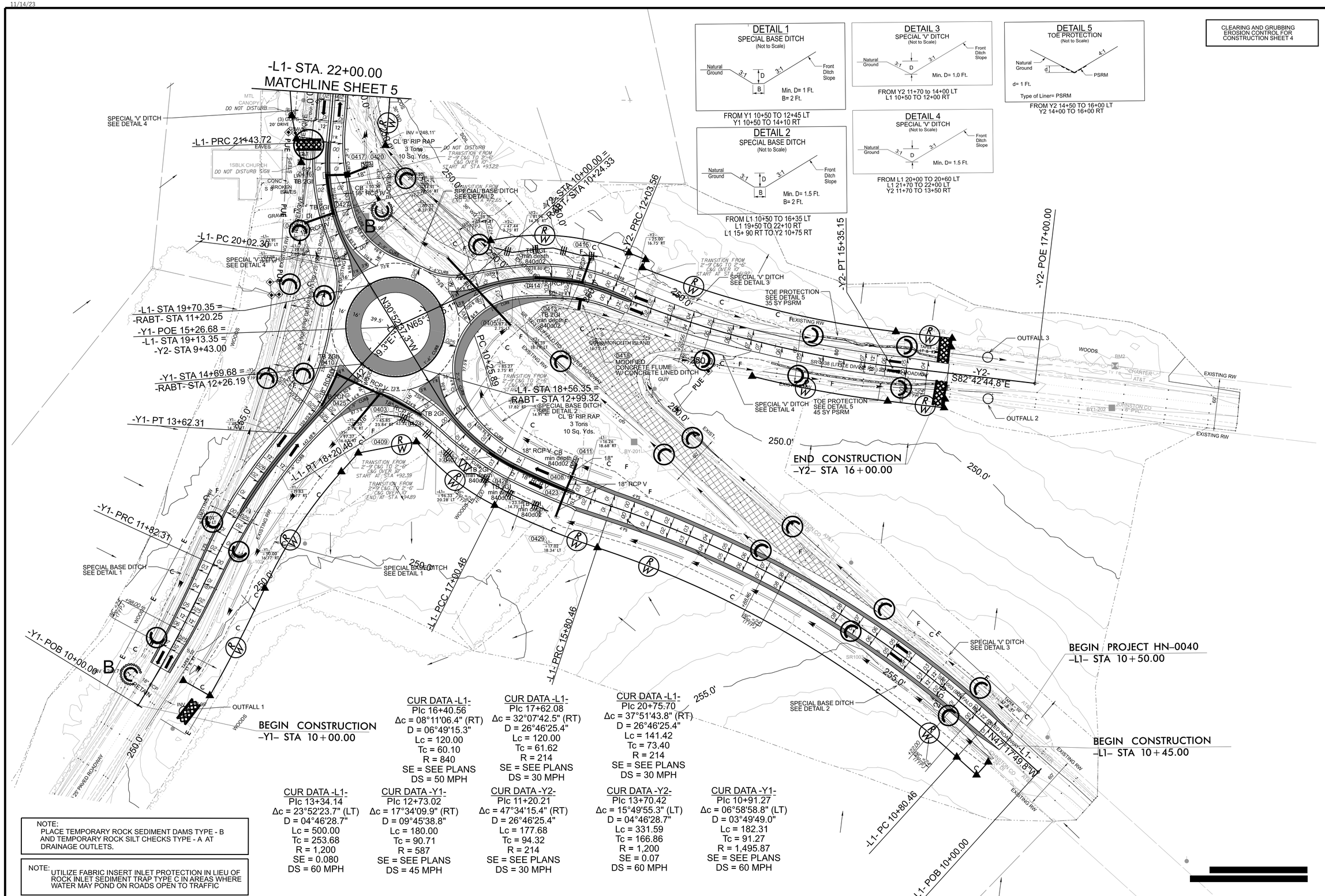

DETAIL 1
SPECIAL BASE DITCH
(Not to Scale)

Natural Ground; 3:1; D; B; 3:1; Front Ditch Slope

Min. D= 1 Ft.
B= 2 Ft.

FROM Y1 10+50 TO 12+45 LT
Y1 10+50 TO 14+10 RT

DETAIL 2
SPECIAL BASE DITCH
(Not to Scale)

Natural Ground; 3:1; D; B; 3:1; Front Ditch Slope

Min. D= 1.5 Ft.
B= 2 Ft.

FROM L1 10+50 TO 16+35 LT
L1 19+50 TO 22+10 RT
L1 15+ 90 RT TO Y2 10+75 RT

DETAIL 3
SPECIAL 'V' DITCH
(Not to Scale)

Natural Ground; 3:1; D; 3:1; Front Ditch Slope

Min. D= 1.0 Ft.

FROM Y2 11+70 to 14+00 LT
L1 10+50 TO 12+00 RT

DETAIL 4
SPECIAL 'V' DITCH
(Not to Scale)

Natural Ground; 3:1; D; 3:1; Front Ditch Slope

Min. D= 1.5 Ft.

FROM L1 20+00 TO 20+60 LT
L1 21+70 TO 22+00 LT
Y2 11+70 TO 13+50 RT

DETAIL 5
TOE PROTECTION
(Not to Scale)

Natural Ground; d; 4:1; PSRM

d= 1 Ft.

Type of Liner= PSRM

FROM Y2 14+50 TO 16+00 LT
Y2 14+00 TO 16+00 RT

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

CUR DATA -L1-
PIc 16+40.56
Δc = 08°11'06.4" (RT)
D = 06°49'15.3"
Lc = 120.00
Tc = 60.10
R = 840
SE = SEE PLANS
DS = 50 MPH

CUR DATA -L1-
PIc 17+62.08
Δc = 32°07'42.5" (RT)
D = 26°46'25.4"
Lc = 120.00
Tc = 61.62
R = 214
SE = SEE PLANS
DS = 30 MPH

CUR DATA -L1-
PIc 20+75.70
Δc = 37°51'43.8" (RT)
D = 26°46'25.4"
Lc = 141.42
Tc = 73.40
R = 214
SE = SEE PLANS
DS = 30 MPH

CUR DATA -L1-
PIc 13+34.14
Δc = 23°52'23.7" (LT)
D = 04°46'28.7"
Lc = 500.00
Tc = 253.68
R = 1,200
SE = 0.080
DS = 60 MPH

CUR DATA -Y1-
PIc 12+73.02
Δc = 17°34'09.9" (RT)
D = 09°45'38.8"
Lc = 180.00
Tc = 90.71
R = 587
SE = SEE PLANS
DS = 45 MPH

CUR DATA -Y2-
PIc 11+20.21
Δc = 47°34'15.4" (RT)
D = 26°46'25.4"
Lc = 177.68
Tc = 94.32
R = 214
SE = SEE PLANS
DS = 30 MPH

CUR DATA -Y2-
PIc 13+70.42
Δc = 15°49'55.3" (LT)
D = 04°46'28.7"
Lc = 331.59
Tc = 166.86
R = 1,200
SE = 0.07
DS = 60 MPH

CUR DATA -Y1-
PIc 10+91.27
Δc = 06°58'58.8" (LT)
D = 03°49'49.0"
Lc = 182.31
Tc = 91.27
R = 1,495.87
SE = SEE PLANS
DS = 60 MPH

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE C IN AREAS WHERE WATER MAY POND ON ROADS OPEN TO TRAFFIC

HN-0040
EC-4 / CONST. 4
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
JOHNSTON COUNTY
ROADWAY DESIGN UNIT

JMT
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Raleigh, NC, 27609
License No: C-3097

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION