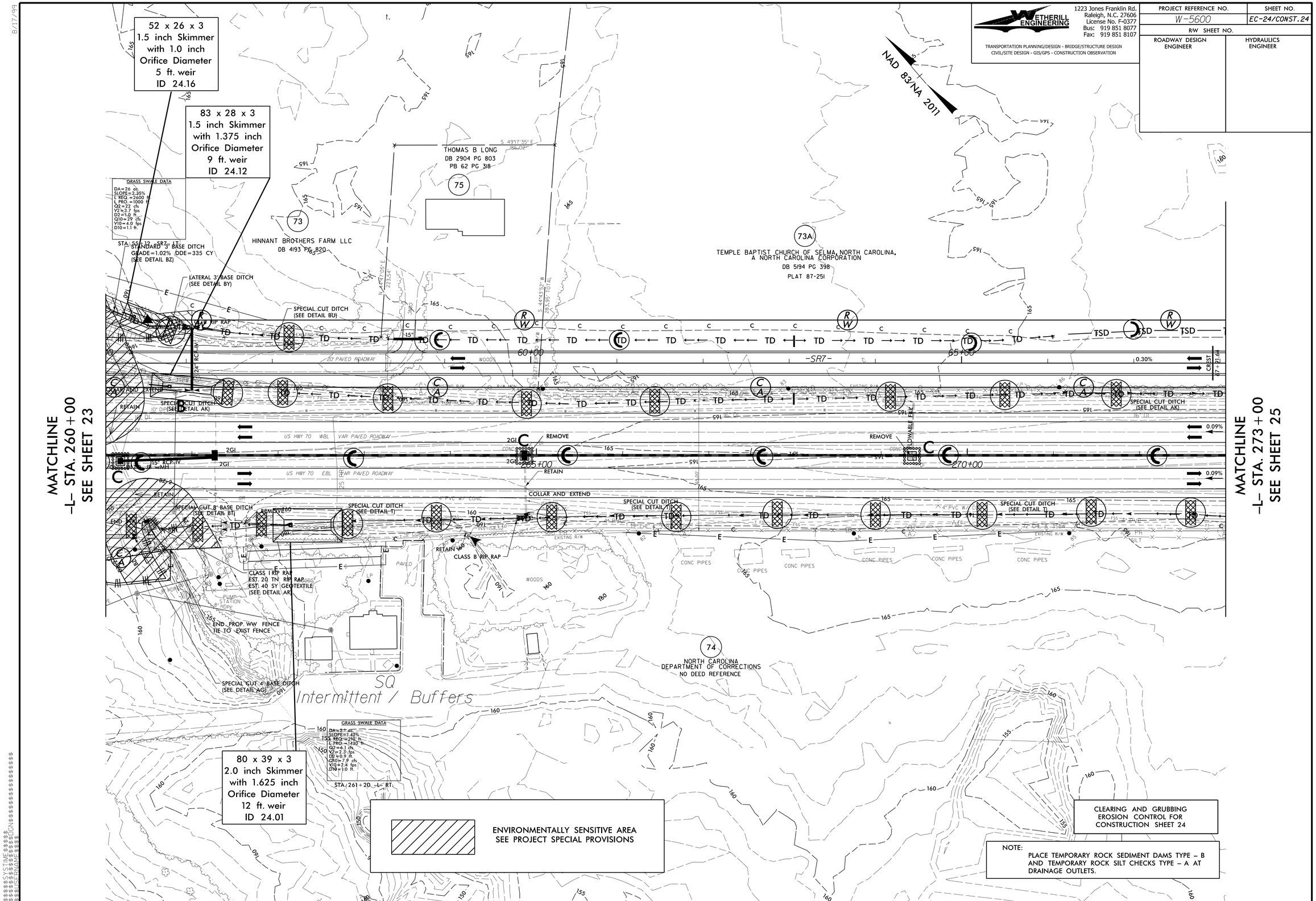

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION
PROJECT REFERENCE NO.
W-5600
SHEET NO.
EC-24/CONST.24
R/W SHEET NO.
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
52 x 26 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
5 ft. weir
ID 24.16
83 x 28 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
9 ft. weir
ID 24.12
80 x 39 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
12 ft. weir
ID 24.01
NAD 83/NA 2011
MATCHLINE
-L- STA. 260+00
SEE SHEET 23
MATCHLINE
-L- STA. 273+00
SEE SHEET 25
THOMAS B LONG
DB 2904 PG 803
PB 62 PG 318
75
73
HINNANT BROTHERS FARM LLC
DB 4193 PG 820
73A
TEMPLE BAPTIST CHURCH OF SELMA, NORTH CAROLINA,
A NORTH CAROLINA CORPORATION
DB 5194 PG 398
PLAT 87-251
74
NORTH CAROLINA
DEPARTMENT OF CORRECTIONS
NO DEED REFERENCE
GRASS SWALE DATA
STANDARD 3' BASE DITCH
GRADE=1.02% DDE=335 CY
(SEE DETAIL BZ)
LATERAL 3' BASE DITCH
(SEE DETAIL BY)
SPECIAL CUT DITCH
(SEE DETAIL BU)
SPECIAL CUT DITCH
(SEE DETAIL AK)
SPECIAL CUT 8' BASE DITCH
(SEE DETAIL BT)
SPECIAL CUT DITCH
(SEE DETAIL T)
CLASS I RIP RAP
EST. 20 TN RIP RAP
EST. 40 SY GEOTEXTILE
(SEE DETAIL AR)
END PROP. WW FENCE
TIE TO EXIST FENCE
SPECIAL CUT 4' BASE DITCH
(SEE DETAIL AG)
CLASS B RIP RAP
SQ
Intermittent / Buffers
US HWY 70 WBL VAR PAVED ROADWAY
US HWY 70 EBL VAR PAVED ROADWAY
20' PAVED ROADWAY
-SR7-
REMOVE
RETAIN
COLLAR AND EXTEND
CONC PIPES
WOODS
ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 24
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B
AND TEMPORARY ROCK SILT CHECKS TYPE – A AT
DRAINAGE OUTLETS.