

GEOTECHNICAL
ENGINEER

NORTH CAROLINA
PROFESSIONAL
SEAL
043535
ENGINEER
CHRISTOPHER B. JONES

DocuSigned by
Christopher B. Jones0/11/2016

FREET8812CESAC0

SIGNATURE

DATE

ENGINEER

SIGNATURE

DATE

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

STA. 51+49.30 -Y2-
OFFSET 62'-6" RIGHT
STA. 16+18.43 -L2-
OFFSET 35'-0" RIGHT

STA. 51+43.40 -Y2-
OFFSET 36'-10 1/4" RIGHT
STA. 16+44.75 -L2-
OFFSET 35'-0" RIGHT

FILL FACE OF
PROPOSED
RETAINING WALL

FRONT FACE OF
PROPOSED
RETAINING WALL

STA. 51+29.21 -Y2-
OFFSET 24'-9 7/8" LEFT
STA. 17+05.15 -L2-
OFFSET 35'-0" RIGHT

STA. 51+23.41 -Y2-
OFFSET 49'-11 1/8" LEFT
STA. 17+33.86 -L2-
OFFSET 35'-0" RIGHT

END RETAINING
WALL NO. 1

BEGIN RETAINING
WALL NO. 1

PLAN OF WALL @ END BENT 2
LOOKING DOWNSTATION

ESTIMATED MSE WALL QUANTITY (SQUARE FEET)	
MSE RETAINING WALL NO.1	720 SF

*The MSE square foot quantity includes a one foot minimum embedment to the top of the leveling pad. See MECHANICALLY STABILIZED RETAINING WALLS Provision for embedment requirements.

BEGIN RETAINING
WALL NO. 1

END RETAINING
WALL NO. 1

ELEVATION OF WALL (WALL ENVELOPE) @ END BENT 2
LOOKING UPSTATION

PROJECT NO.: R-5311A
HERTFORD COUNTY
STATION: 50+99.00 -Y2-, 16+90.62 -L-
SHEET 1 OF 4

STIMES

PREPARED BY: CBJ	DATE: 8/2016
REVIEWED BY: ECH	DATE: 8/2016

Note: Wall Envelope provided by Wetherill Engineering

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL
ENGINEERING UNIT

REVISIONS					SHEET NO. W-1
NO.	BY	DATE	NO.	BY	
1			3		
2			4		

RETAINING WALL NO. 1
PLAN & ENVELOPE