CONCRETE BARRIER RAIL
(SEE CONCRETE BARRIER RAIL WITH MOMENT SLAB DETAILS ON W-16) REINFORCED ZONE GRADE ELEVATION ---FINISHED GRADE* — TOP OF WALL PAVEMENT SECTION 4" ASPHALT CONCRETE — BASE COURSE CAP BOND BREAKER CIP REINFORCED -CONCRETE MOMENT SLAB ³⁄₄″EXP.JT. — — WALL FACE 6"MIN (TYP) WALL HEIGHT - VARIES (SEE WALL ENVELOPE) STEEL, GEOSTRIP OR HDPE GEOGRID RÉINFORCEMENT (TYP) — RETAINED AGGREGATE MATERIAL SEPARATION GEOTEXTILE, (SEE NOTE FOR GEOTEXTÍLE) - PRECAST CONCRETE PANEL (TYP) FILTRATION GEOTEXTILE (TYP) ---BEARING PAD (TYP) — L - REINFORCEMENT LENGTH** (TYP) (TYP) 6:1 (H:V) OR FLATTER / (FRONT SLOPE) ВОТТОМ — OF WALL -AGGREGATE SHOULDER DRAIN IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 816.02, IF REQUIRED (SEE NOTE FOR DRAIN) TOP OF -LEVELING PAD CIP UNREINFORCED — CONCRETE LEVELING PAD (SEE PRECAST PANELS LEVELING PAD STEP DETAIL ON W-17) 6"MIN FOUNDATION MATERIAL MSE WALL WITH PRECAST PANELS - TYPICAL SECTION #SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.
##SEE MSE RETAINING WALLS PROVISION AND IF APPLICABLE, MSE WALL NOTES FOR WALL EMBEDMENT AND REINFORCEMENT LENGTH REQUIREMENTS.

PROJECT NO.: I-5987B

GEOTECHNICAL ENGINEER

048207

04/12/2022

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

Stephen C Crockett _______

ENGINEER

ROBESON COUNTY

STATION: 24+74.16 -Y4-

SHEET 15 OF 19

MSE WALL WITH PANELS AND CONCRETE BARRIER RAIL WITH MOMENT SLAB TYPICAL FOR RETAINING WALLS NO. W5A AND W5B

 REVISIONS

 NO.
 BY
 DATE
 NO.
 BY
 DATE
 NO.

 1
 3
 W-15

 2
 4
 W-15

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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

PREPARED BY: S. CROCKETT	DATE: 3/29/22
REVIEWED BY: J. HAMM	DATE: 3/29/22