

DRAWN BY : B.E. LANNING CHECKED BY : B.E. ATKINSON DATE: 08/2021 DATE: 06/2024 DESIGN ENGINEER OF RECORD : B.E. ATKINSON

CONCRETE PARAPET WITH MOMENT SLAB

SEE "2 BAR METAL RAIL" STANDARD DRAWINGS FOR METAL RAIL DETAILS.

ALL REINFORCING STEEL IN THE PARAPET AND MOMENT SLAB SHALL BE

EXPANSION JOINTS SHALL BE PLACED IN THE MOMENT SLAB AT

THE 2 BAR METAL RAIL SHALL NOT BE INSTALLED UNTIL THE MOMENT SLAB HAS ATTAINED AN AGE OF THREE CURING DAYS OR A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI. IN ADDITION, NO FILL MATERIAL, ASPHALT, OR CONSTRUCTION EQUIPMENT IS ALLOWED ON THE MOMENT SLAB PRIOR TO SATISFYING THE MINIMUM CONCRETE CURING AND STRENGTH

GROOVED CONTRACTION JOINTS,  $\frac{1}{2}$ " IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF MOMENT SLAB AND PARAPET AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. A CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS

1'-2" x 2'-6 1/8" CONCRETE PARAPET

TOTAL PAY LENGTH = 269.91 LIN FT

**←** € ½″EXP. JT. (TYP.) EXP. JTS. IN MOMENT SLAB @ 30'-0"(TYP.) --- GUTTER LINE (CONST.JT.) I ....... MOMENT SLAB -PRECAST PANELS OR CONCRETE FACING

MOMENT SLAB - PARTIAL ELEVATION

U-4758 GUILFORD COUNTY STATION: 55+24.00 -L-

> STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

CONCRETE PARAPET WITH MOMENT SLAB FOR PRECAST PANELS AND CONCRETE FACING



MI ENGINEERING 11 SCHAUB DRIVE, SUITE 100 NO. RALEIGH, NC 27606 (919) 851-6606 FIRM PE NUMBER : P-0671

SHEET NO REVISIONS W - 7 NO. BY: BY: DATE: DATE: TOTAL SHEETS