

PLAN @ END BENT No. 1      PLAN @ END BENT No. 2  
DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS

**NOTES**

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND #78M STONE BACKFILL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

#78M STONE BACKFILL (CLASS V SELECT MATERIAL) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

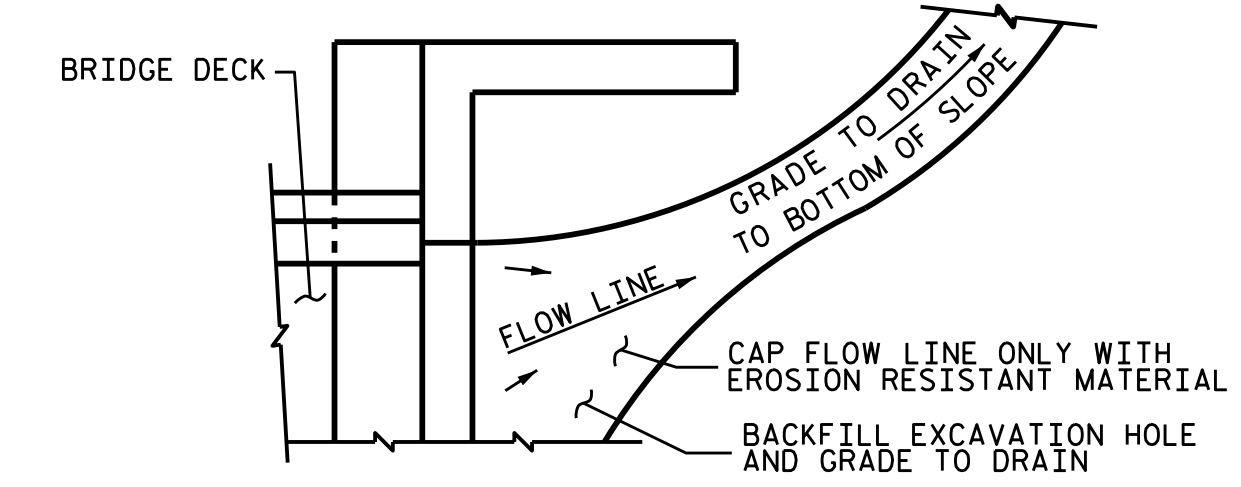
#78M STONE BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

FOR THE 4" Ø DRAINAGE PIPE OUTLET(S), SEE ROADWAY STANDARD DRAWINGS.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

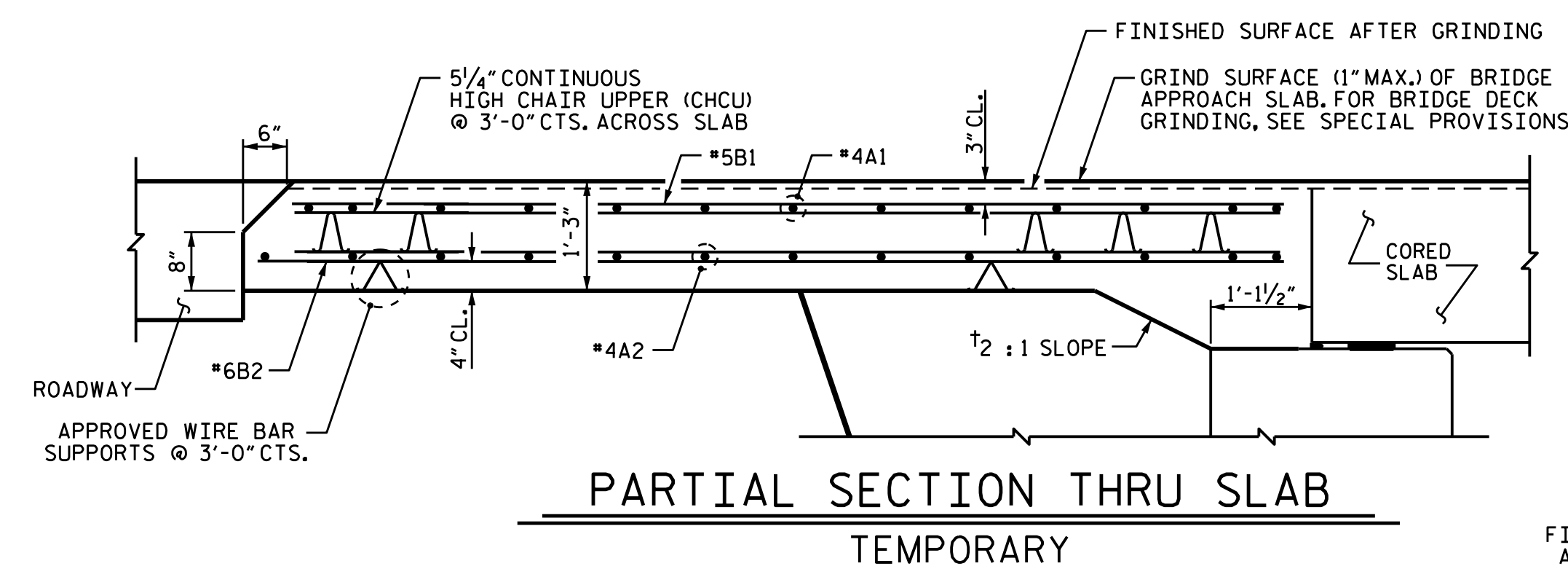
DO NOT BEGIN BRIDGE DECK GRINDING UNTIL APPROACH SLABS ARE FULLY CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. FOR GRINDING OF APPROACH SLABS, SEE SPECIAL PROVISIONS FOR "BRIDGE DECK GRINDING".



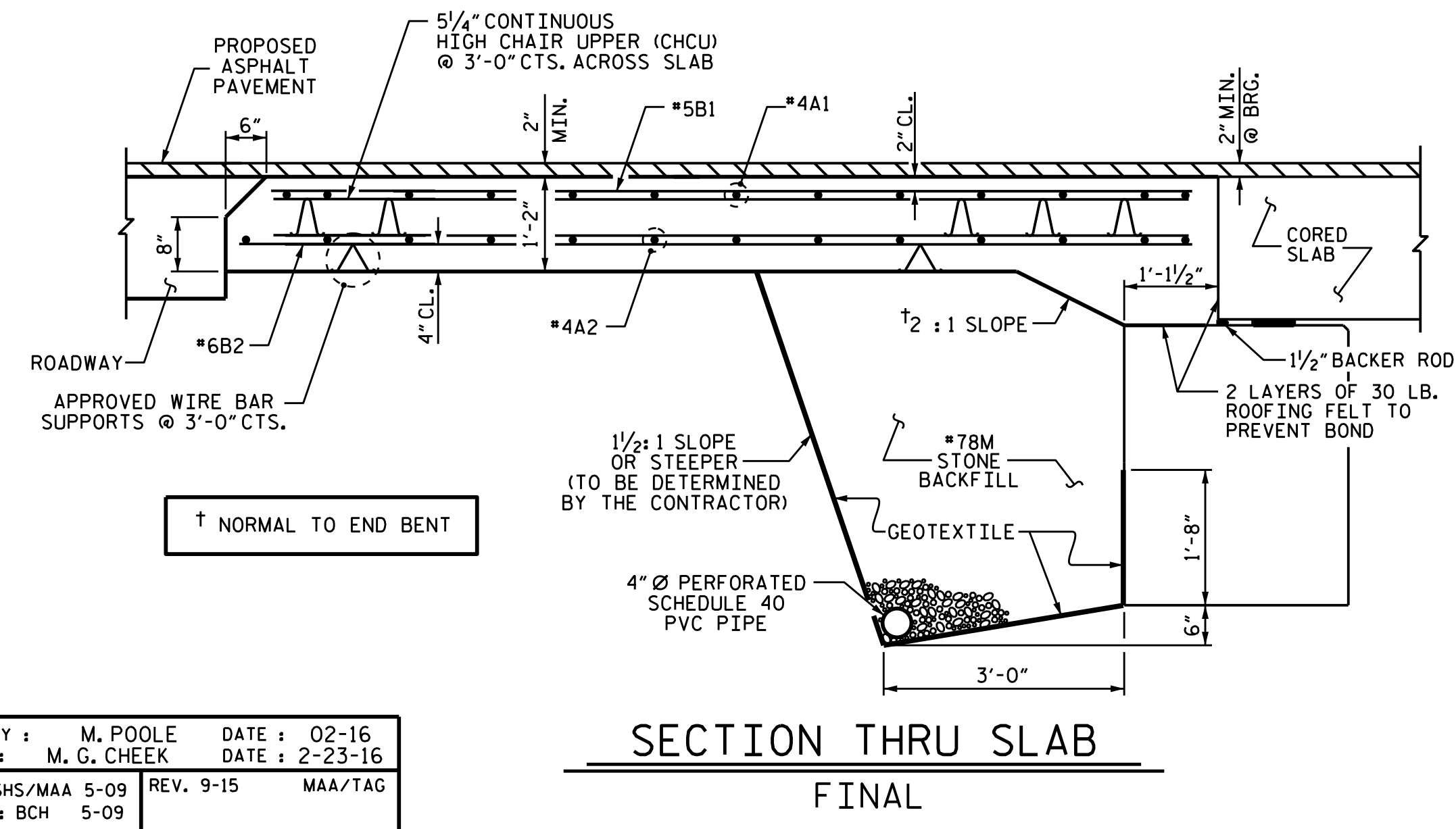
NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

**TEMPORARY DRAINAGE DETAIL**

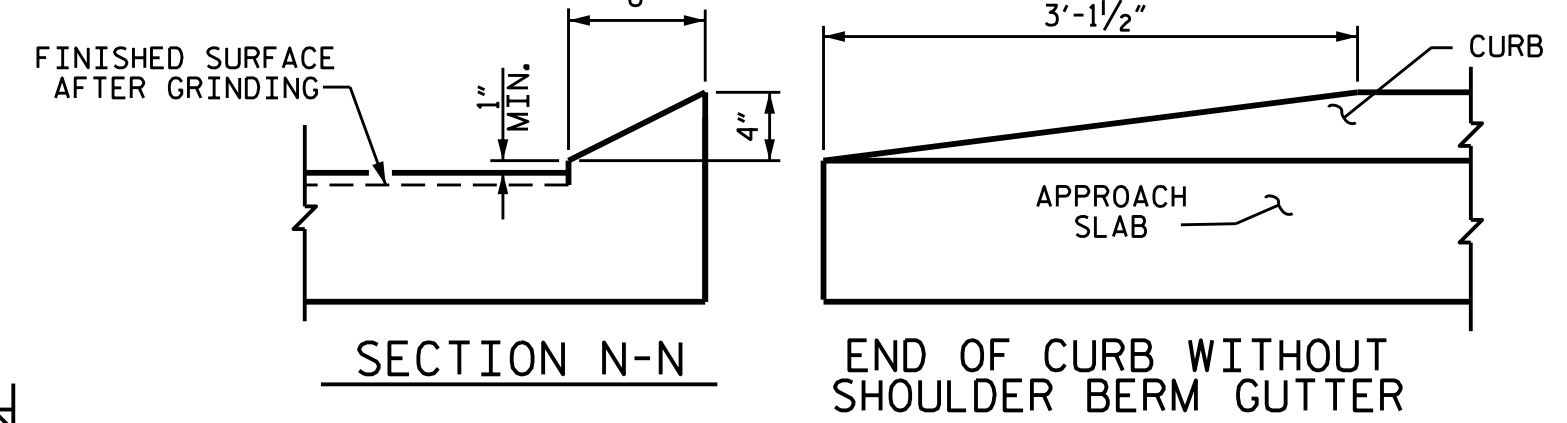
| BILL OF MATERIAL                |     |      |      |        |        |      |
|---------------------------------|-----|------|------|--------|--------|------|
| APPROACH SLAB AT EB No. 1       |     |      |      |        |        |      |
| BAR                             | NO. | SIZE | TYPE | LENGTH | WEIGHT |      |
| *A1                             | 26  | #4   | STR  | 16'-7" | 288    |      |
| A2                              | 26  | #4   | STR  | 16'-4" | 284    |      |
| *B1                             | 62  | #5   | STR  | 11'-4" | 733    |      |
| B2                              | 62  | #6   | STR  | 11'-8" | 1086   |      |
| REINFORCING STEEL               |     |      |      |        | LBS.   | 1370 |
| *EPOXY COATED REINFORCING STEEL |     |      |      |        | LBS.   | 1021 |
| CLASS AA CONCRETE               |     |      |      |        | C. Y.  | 17.6 |
| APPROACH SLAB AT EB No. 2       |     |      |      |        |        |      |
| BAR                             | NO. | SIZE | TYPE | LENGTH | WEIGHT |      |
| *A1                             | 26  | #4   | STR  | 16'-7" | 288    |      |
| A2                              | 26  | #4   | STR  | 16'-4" | 284    |      |
| *B1                             | 62  | #5   | STR  | 11'-4" | 733    |      |
| B2                              | 62  | #6   | STR  | 11'-8" | 1086   |      |
| REINFORCING STEEL               |     |      |      |        | LBS.   | 1370 |
| *EPOXY COATED REINFORCING STEEL |     |      |      |        | LBS.   | 1021 |
| CLASS AA CONCRETE               |     |      |      |        | C. Y.  | 17.6 |



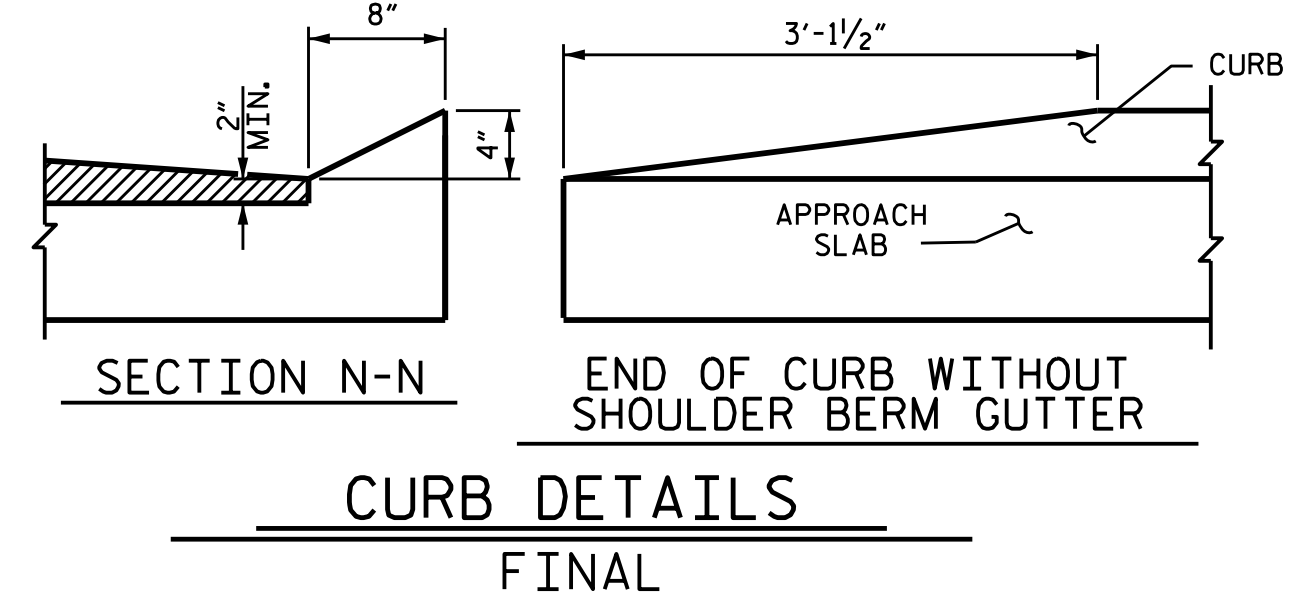
**PARTIAL SECTION THRU SLAB**  
TEMPORARY



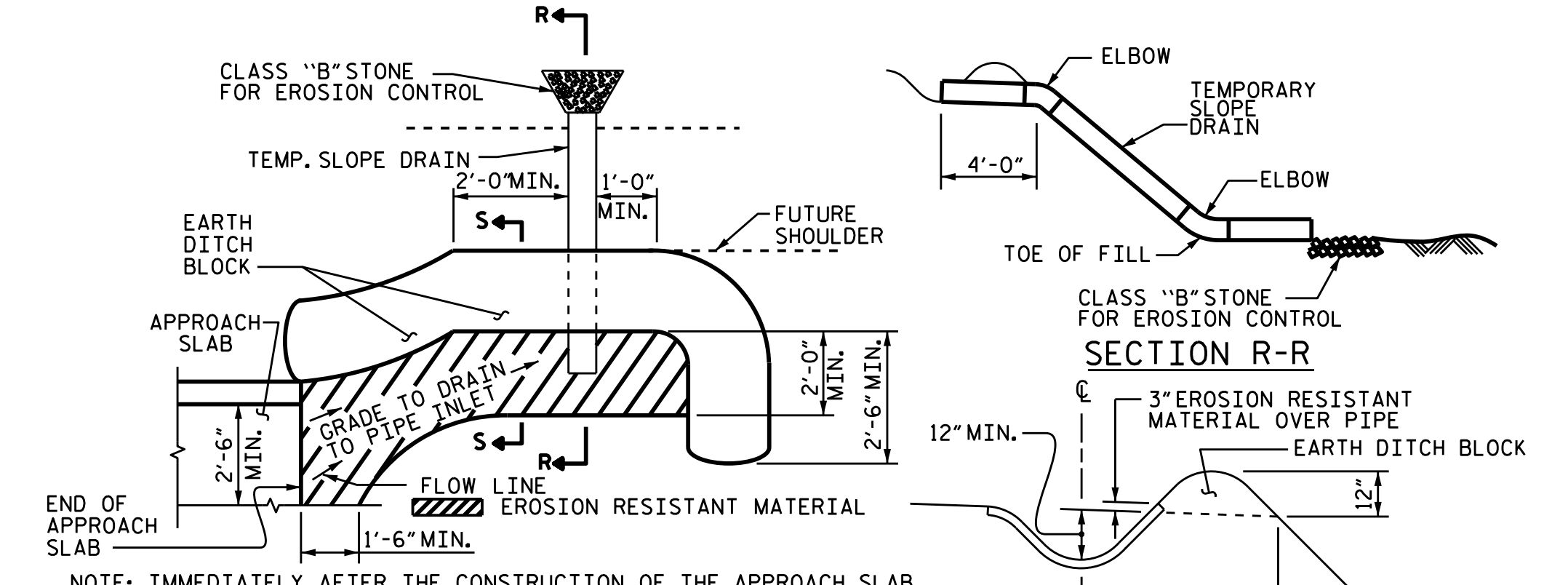
**SECTION THRU SLAB**  
FINAL



**CURB DETAILS**  
TEMPORARY

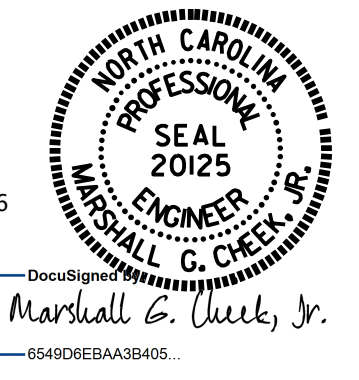


**CURB DETAILS**  
FINAL



**TEMPORARY BERM AND SLOPE DRAIN DETAILS**  
(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

| SPLICE LENGTHS |              |          |
|----------------|--------------|----------|
| BAR SIZE       | EPOXY COATED | UNCOATED |
| #4             | 2'-0"        | 1'-9"    |
| #5             | 2'-6"        | 2'-2"    |
| #6             | 3'-10"       | 2'-7"    |



PROJECT NO. B-5118  
WATAUGA COUNTY  
STATION: 11+91.00 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
STANDARD  
BRIDGE APPROACH SLAB  
FOR PRESTRESSED CONCRETE  
CORED SLAB UNIT  
(SUB-REGIONAL TIER)  
90° SKEW

| REVISIONS |     |       |     |     |       | SHEET NO.       |  |
|-----------|-----|-------|-----|-----|-------|-----------------|--|
| NO.       | BY: | DATE: | NO. | BY: | DATE: | S-20            |  |
| 1         |     |       | 3   |     |       | TOTAL SHEETS 20 |  |
| 2         |     |       | 4   |     |       |                 |  |

ASSEMBLED BY: M. POOLE      DATE: 02-16  
CHECKED BY: M. G. CHEEK      DATE: 2-23-16  
DRAWN BY: SHS/MAA 5-09      REV. 9-15      MAA/TAG  
CHECKED BY: BCH 5-09

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED