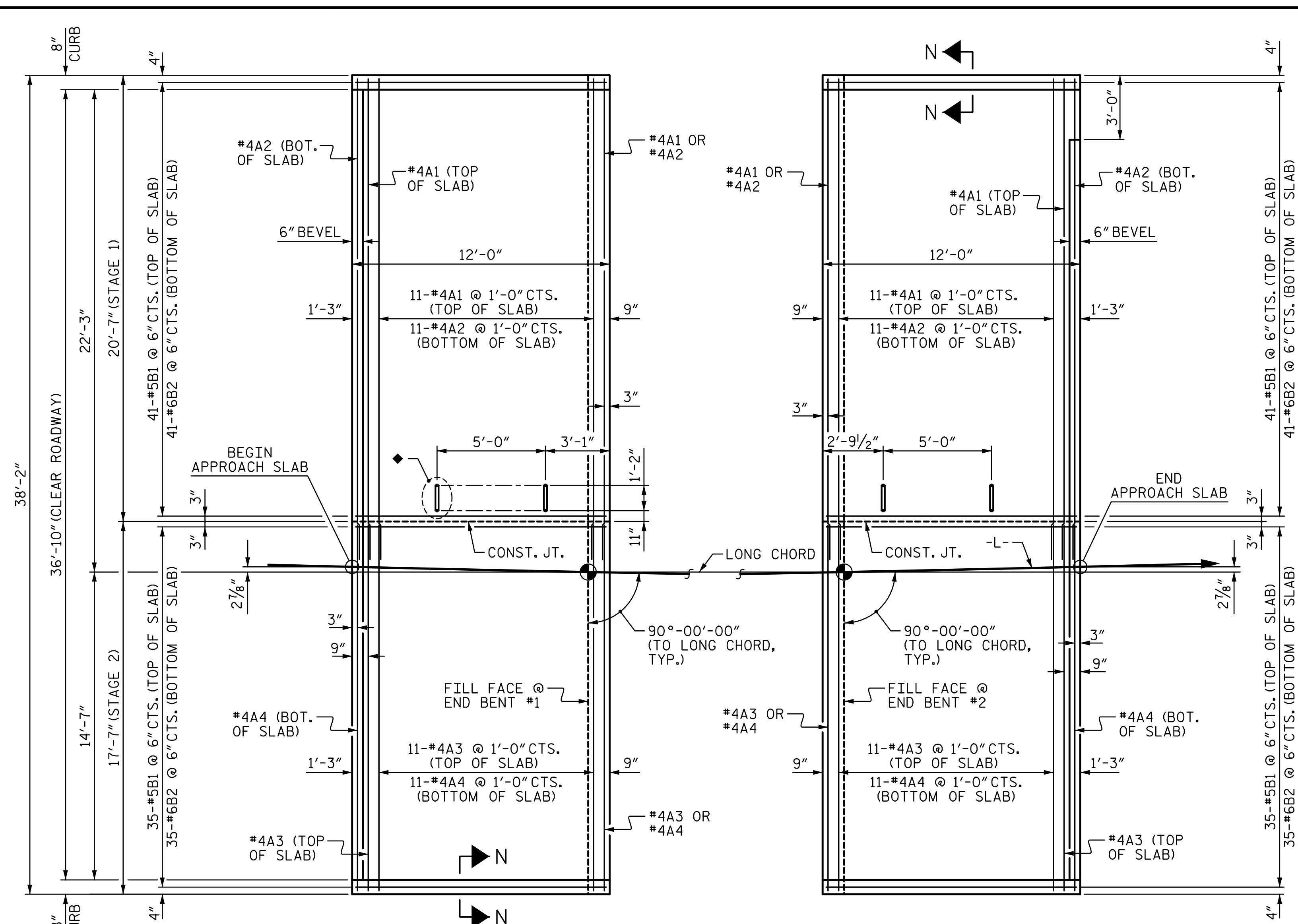


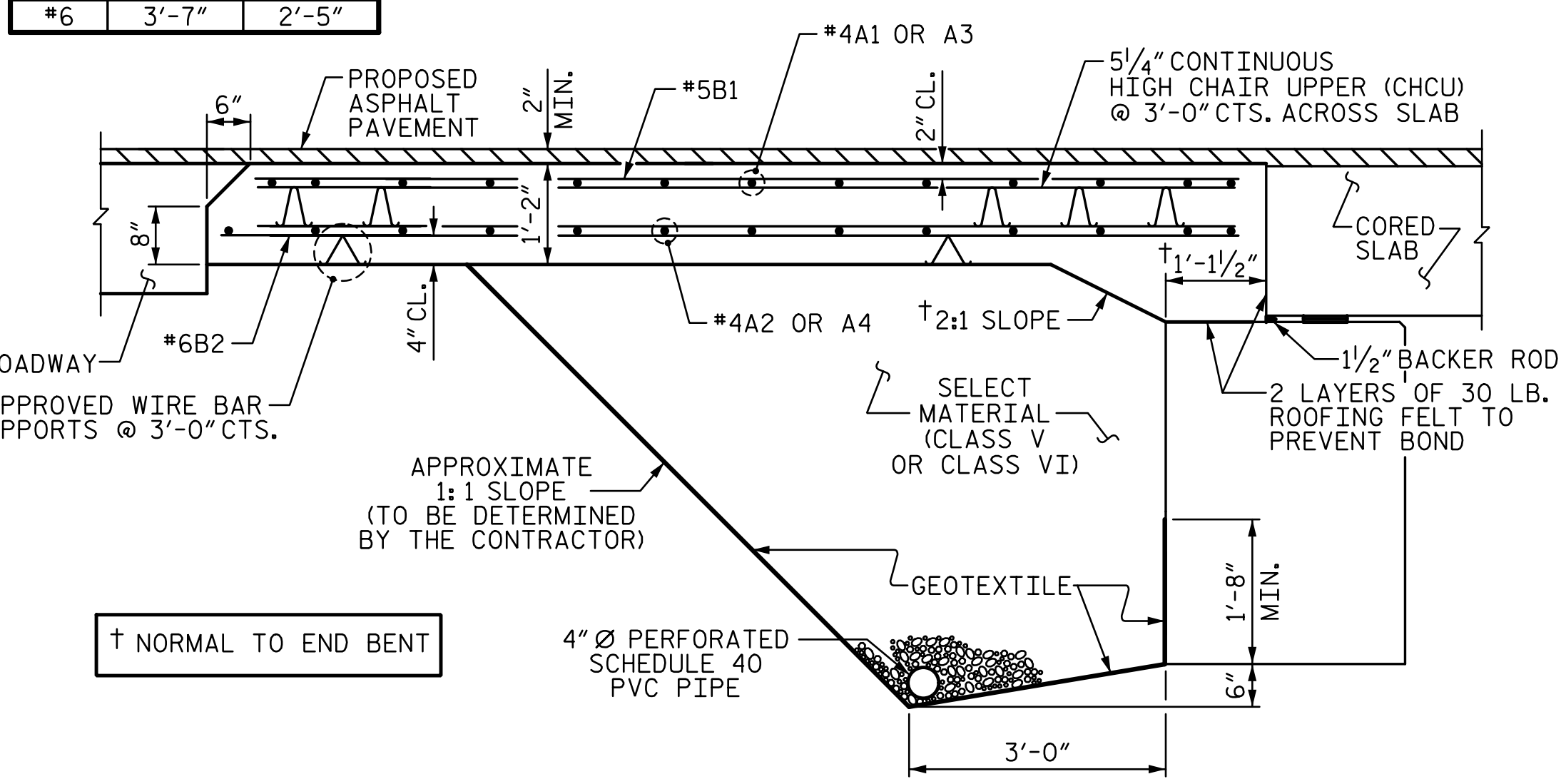
R:\Structures\ustation\Finals\401\_045\_BR-0126\_SML\_AS\_023\_960667.dgn 10:16:31 AM 5/14/2020 Jones



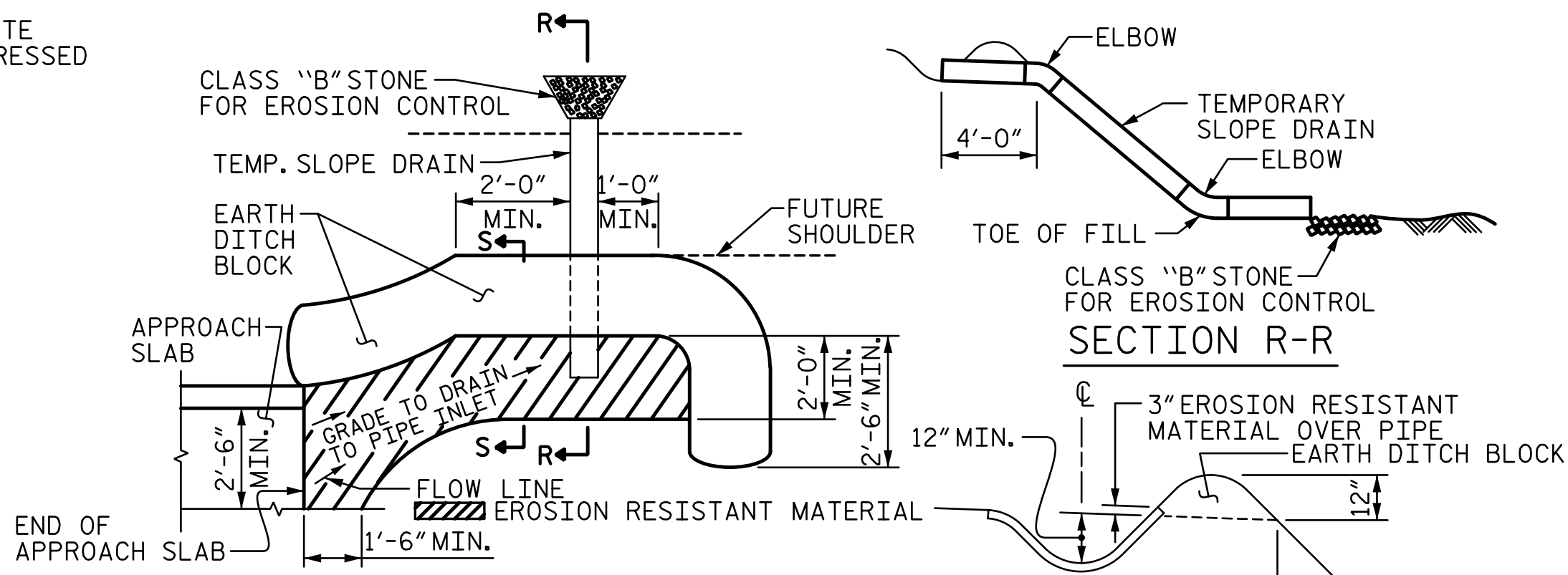
**PLAN @ END BENT 1**      **PLAN @ END BENT 2**  
 (DIMENSIONS SHOWN ARE TYPICAL FOR BOTH APPROACH SLABS)

SPlice LENGTHS		
BAR SIZE	EPOXY COATED	UNCOATED
#4	1'-11"	1'-7"
#5	2'-5"	2'-0"
#6	3'-7"	2'-5"

◆ ANCHOR ASSEMBLY FOR PORTABLE CONCRETE BARRIER (TYP.) (FOR DETAILS, SEE PRESTRESSED CONCRETE CORED SLAB UNIT SHEETS)



**SECTION THRU SLAB**  
 (TYPE II - MODIFIED APPROACH FILL)



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

**NOTES**

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, 4" Ø DRAINAGE PIPE, AND SELECT MATERIAL BACKFILL, SEE ROADWAY PLANS.

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

SELECT MATERIAL BACKFILL (CLASS V OR CLASS VI) SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 1016.

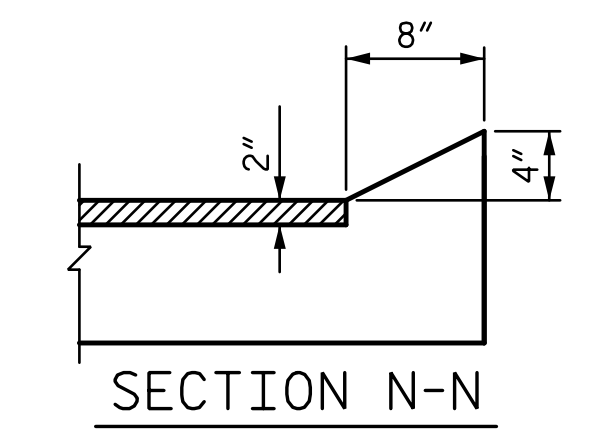
SELECT MATERIAL BACKFILL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.

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

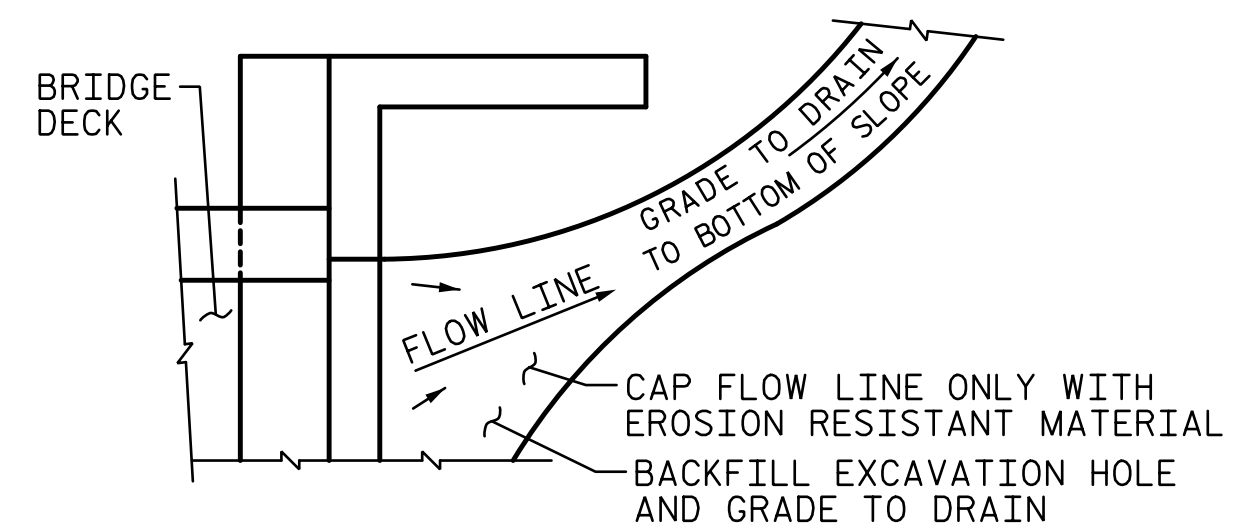
AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED, SEE ROADWAY PLANS.

APPROACH SLAB GROOVING IS NOT REQUIRED.

FOR ALL #4 "A" BARS IN STAGE 1, IF ADEQUATE SPLICE LENGTH IS NOT ACHIEVABLE, CUT REINFORCING BARS WITH ADEQUATE PROJECTION INTO STAGE 2 FOR MECHANICAL REBAR SPLICE. FOR MECHANICAL SPLICES, SEE SECTION 425-5(B) OF THE STANDARD SPECIFICATIONS.



**SECTION N-N**  
**CURB DETAILS**

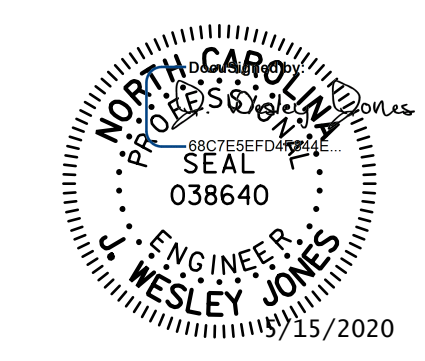


NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT 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					
<b>APPROACH SLAB AT EB 1 (STAGE 1)</b>					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	13	#4	STR	22'-5"	195
A2	13	#4	STR	22'-1"	192
* B1	41	#5	STR	11'-1"	474
B2	41	#6	STR	11'-7"	713
REINFORCING STEEL			LBS.		905
* EPOXY COATED REINFORCING STEEL			LBS.		669
CLASS AA CONCRETE			C. Y.		12.4
<b>APPROACH SLAB AT EB 1 (STAGE 2)</b>					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A3	13	#4	STR	17'-4"	151
A4	13	#4	STR	17'-4"	151
* B1	35	#5	STR	11'-1"	405
B2	35	#6	STR	11'-7"	609
REINFORCING STEEL			LBS.		760
* EPOXY COATED REINFORCING STEEL			LBS.		556
CLASS AA CONCRETE			C. Y.		10.6
<b>APPROACH SLAB AT EB 2 (STAGE 1)</b>					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	13	#4	STR	22'-5"	195
A2	13	#4	STR	22'-1"	192
* B1	41	#5	STR	11'-1"	474
B2	41	#6	STR	11'-7"	713
REINFORCING STEEL			LBS.		905
* EPOXY COATED REINFORCING STEEL			LBS.		669
CLASS AA CONCRETE			C. Y.		11.7
<b>APPROACH SLAB AT EB 2 (STAGE 2)</b>					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A3	13	#4	STR	17'-4"	151
A4	13	#4	STR	17'-4"	151
* B1	35	#5	STR	11'-1"	405
B2	35	#6	STR	11'-7"	609
REINFORCING STEEL			LBS.		760
* EPOXY COATED REINFORCING STEEL			LBS.		556
CLASS AA CONCRETE			C. Y.		10.0

PROJECT NO. **BR-0126**  
**WILKES** COUNTY  
 STATION: **16+62.00 -L-**



**STV** 100 YEARS  
 STV ENGINEERS, INC.  
 900 West Trade St., Suite 715  
 Charlotte, NC 28202  
 NC License Number F-0991

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
<b>BRIDGE APPROACH SLAB FOR PRESTRESSED CONCRETE CORED SLAB UNIT (SUB-REGIONAL TIER) 90° SKEW</b>					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 23

DRAWN BY: LEM DATE: 2-20  
 CHECKED BY: JWJ DATE: 3-20  
 DESIGN ENGINEER OF RECORD: JWJ DATE: 5-20