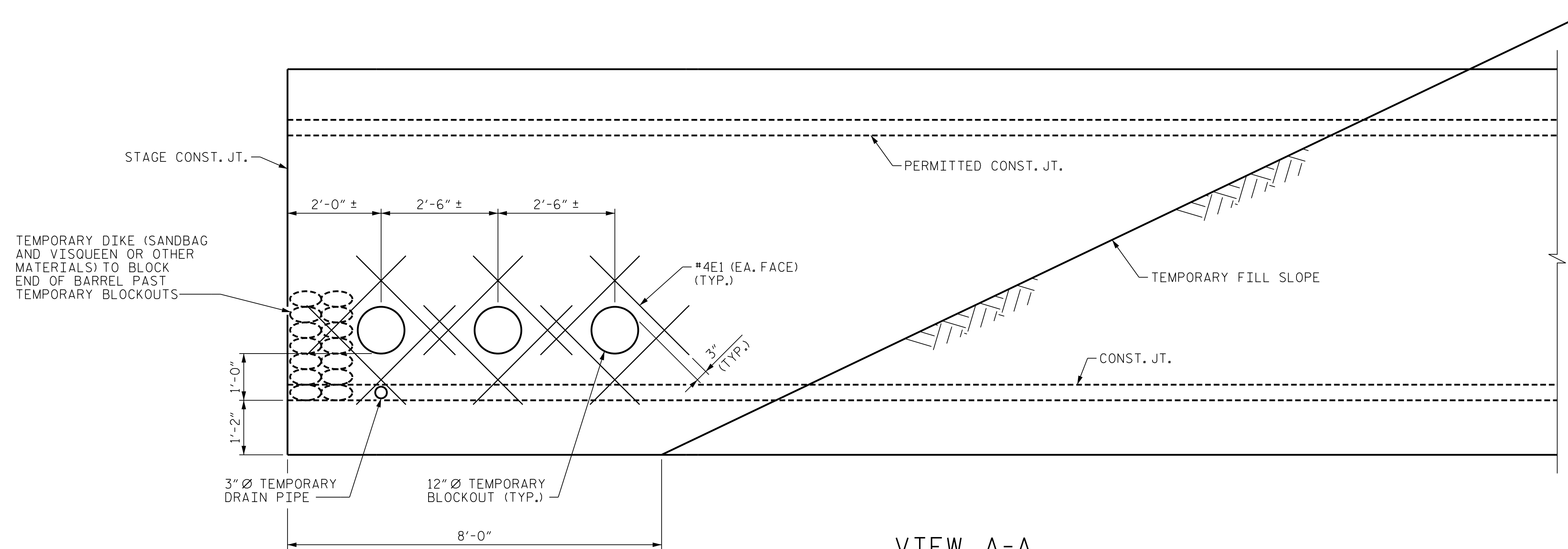


PLAN - ROOF SLAB

OPTIONAL TEMPORARY DRAIN DETAIL NOTES

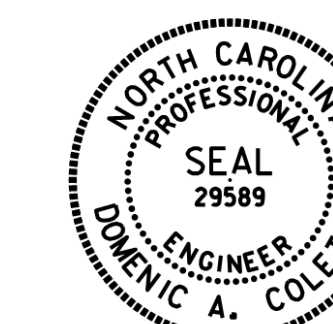
1. THE OPTIONAL TEMPORARY DRAIN DETAIL IS INTENDED TO FACILITATE DIVERSION OF FLOW AROUND THE STAGE 2 WORK AREA USING 3 EA. 12" Ø DRAIN PIPES, WHICH WILL ACCOMMODATE THE FLOW ASSOCIATED WITH A 2-YEAR RECURRENCE INTERVAL STORM EVENT. IF A STORM EVENT MORE SEVERE THAN THE 2-YEAR EVENT IS FORECAST, SUSPEND CONSTRUCTION AND SECURE THE STAGE 2 WORK AREA. THE CONTRACTOR MAY SUBMIT AN ALTERNATE PLAN TO ADDRESS THE REQUIREMENT TO MAINTAIN FLOW DURING ALL STAGES OF CONSTRUCTION, SUBJECT TO REVIEW BY THE ENGINEER.
2. SEE EROSION CONTROL PLANS FOR ADDITIONAL DETAILS.
3. THE 3" Ø TEMPORARY PIPE DRAIN AND 12" Ø TEMPORARY BLOCKOUTS ARE TO BE FILLED WITH CLASS A CONCRETE AFTER STAGE 2 OF THE CULVERT IS COMPLETE AND HAS ACHIEVED A DESIGN STRENGTH OF 2400 PSI. ROUGHEN THE INSIDE SURFACE OF THE BLOCKOUTS AND APPLY AN APPROVED BONDING AGENT PRIOR TO FILLING WITH CLASS A CONCRETE.



VIEW A-A  
OPTIONAL TEMPORARY DRAIN DETAIL  
CUT OR BEND BARREL REINFORCING BARS AS NECESSARY FOR THE 12" Ø BLOCKOUTS

PROJECT NO. U-2579AB  
FORSYTH COUNTY  
 STATION: 30+13.47 -Y15REV-

SHEET 3 OF 6



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**SINGLE BARREL  
 8 FT. X 6 FT.  
 CONCRETE BOX CULVERT  
 75° SKEW**

REVISIONS						SHEET NO. C4-3 TOTAL SHEETS 6
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DES BY: <u>T. MCALEENAN</u>	DATE: <u>11/19</u>	DWG BY: <u>T. MCALEENAN</u>	DATE: <u>11/19</u>
DES CHK: <u>R. TURNAGE</u>	DATE: <u>11/19</u>	CHK BY: <u>R. TURNAGE</u>	DATE: <u>11/19</u>



10/11/2021  
 DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED