



- NOTES:**
- TOP OF DECK DRAIN TO BE SET 3/8" BELOW SURFACE OF SLAB.
  - 4 - 1/2" SQUARE LUGS TO BE GLUED TO THE PVC PLASTIC PIPE AT EQUAL SPACES AROUND THE PIPE DRAIN APPROXIMATELY 4" FROM THE TOP OF PIPE.
  - THE 6" Ø PVC PLASTIC PIPE AND FITTINGS SHALL BE SCHEDULE 40 AND CONFORM TO ASTM D1785.
  - BOLT SIZE TO BE SAME AS DIAPHRAGMS AND CROSS FRAME CONNECTIONS. STAINLESS STEEL WORM DRIVE HOSE CLAMP SHALL BE COMMERCIAL QUALITY.
  - PLATES SHALL CONFORM TO AASHTO M270 GRADE 50 STEEL OR APPROVED EQUAL.
  - COUPLING IN DRAIN PIPE WILL BE PERMITTED AS APPROVED BY THE ENGINEER.
  - PVC DECK DRAINS SHALL BE PAINTED WITH TWO COATS OF BROWN PRIMER MEETING THE REQUIREMENTS OF ARTICLE 1080-11 OF THE STANDARD SPECIFICATIONS. EACH COAT SHALL BE 2 DRY MILS THICK. DECK DRAINS SHALL BE ROUGHENED PRIOR TO PAINTING. NO SEPERATE PAYMENT SHALL BE MADE FOR PAINTING PVC DECK DRAINS AS THIS IS CONSIDERED INCIDENTAL TO THE PAY ITEM FOR REINFORCED CONCRETE DECK SLAB.

PROJECT NO. R-2707C  
CLEVELAND COUNTY  
 STATION: 596+50.98 -L-

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH				SHEET NO. S8-11 TOTAL SHEETS 44	
		SUPERSTRUCTURE DECK DRAIN DETAILS					
		(SITE 6R)					
		REVISIONS					
		NO.	BY:	DATE:	NO.	BY:	DATE:
		1			3		
		2			4		

STV ENGINEERS, INC.  
900 West Trade St., Suite 715  
Charlotte, NC 28202  
NC License Number F-5991

12/13/2016 7:03:25 PM R:\408\_02L\R2707C-SMJL\_DDD\_S8-11.dgn

DRAWN BY: ATH DATE: 9-16 DESIGN ENGINEER OF RECORD: T. LAWS DATE: 10-16  
 CHECKED BY: TRL DATE: 10-16