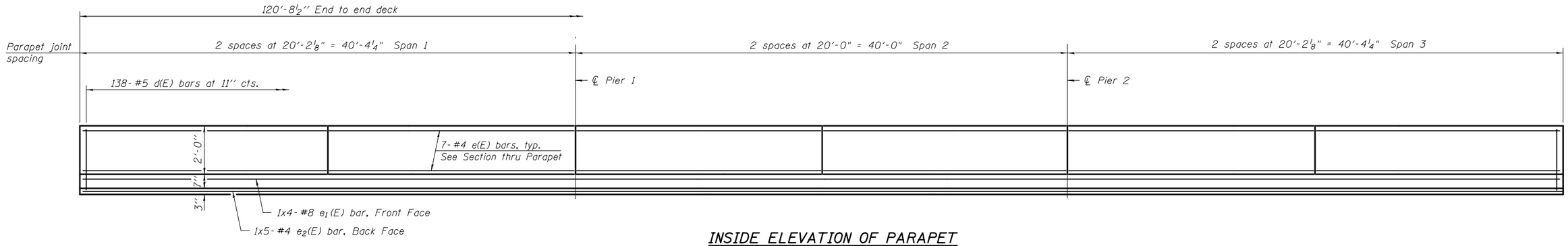
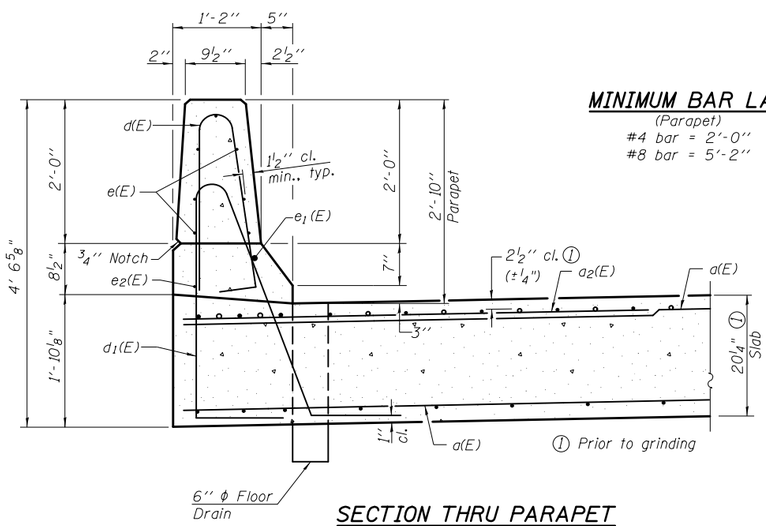


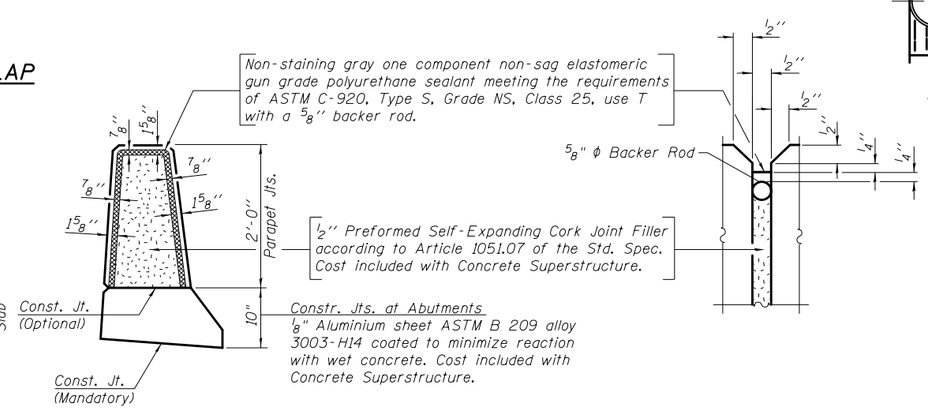
INSIDE ELEVATION OF PARAPET



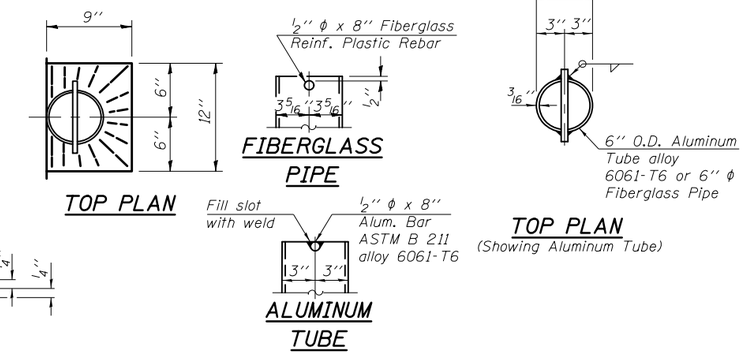
SECTION THRU PARAPET

MINIMUM BAR LAP

(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"



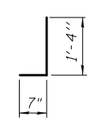
PARAPET JOINT DETAILS



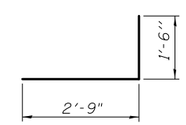
Notes:
The exterior surfaces of the floor drains shall be coated or pigmented by the Manufacturer with a color that matches the concrete..
Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
Bars indicated thus 1 x 4-#8 etc. indicates 1 line of bars with 4 lengths per line.

SUPERSTRUCTURE BILL OF MATERIAL

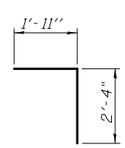
Bar	No.	Size	Length	Shape
d(E)	428	#5	19'-2"	
a1(E)	48	#5	24'-9"	
a2(E)	166	#6	6'-6"	
b(E)	80	#5	30'-8"	
b1(E)	76	#9	17'-1"	
b2(E)	76	#9	32'-2"	
b3(E)	160	#9	35'-1"	
b4(E)	38	#9	15'-2"	
b5(E)	120	#9	29'-5"	
d(E)	276	#5	5'-7"	
d1(E)	264	#5	9'-1"	
e(E)	84	#4	19'-9"	
e1(E)	8	#8	34'-0"	
e2(E)	10	#4	25'-9"	
s(E)	121	#4	3'-8"	
s1(E)	80	#5	2'-10"	
s2(E)	80	#5	4'-3"	
s3(E)	80	#5	1'-11"	
s4(E)	80	#5	7'-2"	
v(E)	80	#5	4'-3"	
Reinforcement Bars, Epoxy Coated			Pound	67,865
Concrete Superstructure			Cu. Yds.	336.0



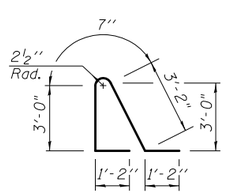
BAR s3(E)



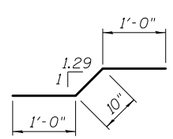
BAR s2(E)



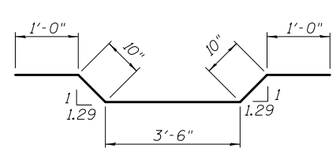
BAR v(E)



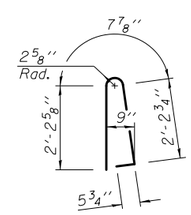
BAR d1(E)



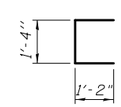
BAR s1(E)



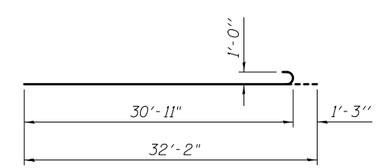
BAR s4(E)



BAR d(E)



BAR s(E)



BAR b2(E)

HURST-ROSCHE ENGINEERS, INC.
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HR JOB # 190-1580

FILE NAME =	USER NAME =	DESIGNED - JSP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE DETAILS STRUCTURE NO. 010-0286	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - CJC	REVISED -			808	94BR-1	CHAMPAIGN	50	24
	PLOT SCALE =	DRAWN - UJ	REVISED -		SHEET NO. 11 OF 19 SHEETS			CONTRACT NO. 70582		
	PLOT DATE =	CHECKED - RVB	REVISED -					ILLINOIS FED. AID PROJECT		