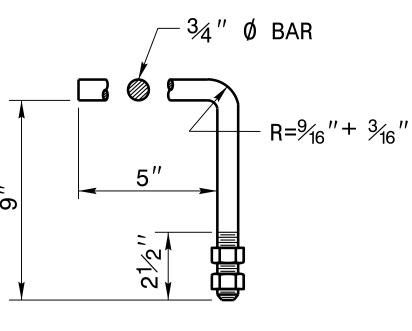


|4-JUN-2017 |4:48 S:\Contracts\Contract jhowerton AT CSD-20



U-2579C NOTES: ALL CONCRETE TO BE CLASS "A". ALL REINFORCING STEEL SHALL BE ASTMA615-GRADE 60. ALL REINFORCING STEEL SHALL BE DEFORMED BARS. WHERE SPLICING OF REINFORCMENT IS NECESSARY, BARS ARE TO BE LAPPED 45 DIAMETERS. ALL DIMENSIONS RELATIVE TO REINFORCEMENT ARE TO CENTERS OF BARS. THE FOOTING, CURTAIN WALL AND 4" OF WALL ARE TO BE POURED IN ONE OPERATION ALLOWING NO TIME FOR INITIAL	
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SET TO TAKE PLACE BETWEEN THEM. THE REMAINING WALL SHALL THEN BE POURED IN ONE OPERATION.	
ALL EXPOSED CORNERS ARE TO BE CHAMFERED 1".	
3" DIAMETER DRAINS SHALL BE PLACED IN WALL AS SHOWN AND BE 6" ABOVE NORMAL FLOW LINE.	
ALL MATERIAL AND WORKMANSHIP AS PER N.C.DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.	
THE EXTRA BARS ARE PROVIDED FOR HOLDING REINFORCING STEEL IN CORRECT POSITION IN WING.	

BILL OF MATERIAL FOR ENDWALL							
REINF. STEEL 1 PI			[PES				
BAR	SIZE	LENGTH	NO.	WEIGHT			
В	#4	7′-0″	4	18			
Н	#4	7'-0''	10	47			
H1	#4	5'-6"	2	8			
H2	#4	4'-0''	4	11			
N	#4	4'-1"	18	50			
T	#4	5'-0"	8	27			
T1	#4	2'-9"	12	23			
T2	#4	15'-10"	6	64			
V	#4	5'-3"	8	29			
V1	#4	4′-1″	8	22			
V2	#4	6'-2"	6	33			
		- 1 - 11					
Z	#4	3'-6"	5	12			
Z1	#4	4′-1″	5	14			
				358			
REINF. STEEL LBS.							
TOTAL CON./R.C. CU. YDS. 95"X 67" CSAP DEDUCTION				6.8			
95 % 6	1 05AI	PDEDUCITON		0.9			
		עחפ		5 0			
	.C. CU.	-CUI		5.9			



SEAL 022966	CONTRACT STANDARDS & DEVELOPMENT UNIT STANDARDS AND SPECIAL DESIGNOffice 919-707-6950FAX 919-250-4119			
DocuSigned by:	DETAIL OF REINFORCED			
Joul S. Howerton	CONCRETE ENDWALL			
873F3D17DCDC45F	FOR 95" X 67"CSAP-90°			

873F3D17DCDC45F		
	ORIGINAL BY:DATE:_	
	MODIFIED BY: DATE:	3-27-09
DOCUMENT NOT CONSIDERED FINAL	CHECKED BY:DATE:_	
UNLESS ALL SIGNATURES COMPLETED	FILE SPEC.: <pre>details/nbritt/english/hydro/r402.41m ></pre>	1.7m csap sk90.dg

8/1/2017