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L	ENGTHS	6	APRON REINF.	APRON CLASS C CONCRETE°			
	Х	Y	STEEL°				
	FT IN.	FT IN.	LB.	C.Y.			
	3 - 7¾	3 - 5%	57	0.83			
	3 - 7¾	4 - 1	59	0.87			
	4 - 8	4 - 8	66	0.99			
١E	IE APRON						

	SMD INLET BAR LIST						
BAR	SIZE	NO.	SHAPE	LENGTH	SPACE		
	TYPE 1 - 18" OR 24" RCP OR CGSP						
Α	#4	5	BENT	11'-10"	6" C/C		
В	#4	15	BENT	2'-11¾"	9" C/C		
С	#5	7	STR.	3'-1%"	6" C/C		
D	#5	6	STR.	3'-3¾"	6" C/C		
	TY			RCP OR CGS			
Α	#4	6	BENT	11'-10"	6" C/C		
В	#4	16	BENT	3'-6¼"	9" C/C		
С	#5	7	STR.	3'-1%"	6" C/C		
D	#5	6	STR.	3'-3¾"	6" C/C		
				0" RCP OR C			
Α	#4	7	BENT	12'-11½"	6" C/C		
В	#4	18	BENT	4'-1"	9" C/C		
С	#5	7	STR.	3'-3¾"	6" C/C		
D	#5	7	STR.	3'-7"	6" C/C		
				36" RCP OR (
A	#4	8	BENT	16'-2"	6" C/C		
В	#4	20	BENT	4'-7"	9" C/C		
С	#5	7	STR.	4'-4"	6" C/C		
D	#5	8	STR.	4'-4"	6" C/C		
	GR.	ATES - (OVERALL	DIMENSION	3		
TYPE 1 GRATE: 3'-1½" × 2'-11½" TYPE 2 GRATE: 3'-1¼" × 2'-11½" TYPE 1A, 2A GRATE: 3'-1¼" × 3'-6½" TYPE 1B, 2B GRATE: 4'-1½" × 4'-1½" W = 8½" FOR TYPE 2							
	W = 9" FOR TYPE 2A & 2B PIPE GRATE MATERIAL						
	2½" I.D. STD. WEIGHT STEEL PIPE						

E		TYPE 1B GRATE		
	NO.	DIMENSIONS	NO.	
	10	%" DIA. x 4'-1½"	14	
1	2	3½" x ¼" x 4'-1½"	2	
	19	4" x ¼" x 4'-1"	22	

ES.	ESTIMATED SMD QUANTITIES				ADD'L SMD DEPTH PER VERT. FT.	
	-	1 PIPE				
DESIGNATED PIPE SIZE IN INI FT	TYPE OF GRATE	CLASS A CONC.	CLASS A CONC.	STEEL	CLASS A CONC.	REINF. STEEL
	ONTE	CY	CY	LB.	CY	LB
18" RCP	1 OR 2	0.75	0.67	115	0.23	27
24" RCP	1 OR 2	0.85	0.76	129	0.23	27
30" RCP	1A OR 2A	1.06	0.96	160	0.25	29
36" RCP	1B OR 2B	1.52	1.38	211	0.31	35

- 2. VENT HOLES AND DRAIN HOLES FOR HOT DIP GALVANIZATION SHALL BE
- MAY BE USED, PROVIDED THEY MEET THE MINIMUM EQUIVALENT HYDRAULIC STRUCTURAL REQUIREMENTS AND PROPOSED DESIGNS ARE APPROVED BY THE ENGINEER. SUBSTITUTED GRATES SHALL BE INCLUDED IN THE
- 4. EXPOSED ROUNDED EDGING. ALL EXPOSED SURFACES SHALL BE FINISHED
- 6. AS SHOWN ON THIS STANDARD, INLET CONCRETE DRAWINGS AND INLET REINFORCING STEEL DESIGN ARE BASED ON CAST-IN-PLACE MANUFACTURING, PRECAST CONCRETE MANUFACTURING DESIGN AND

BASIS OF PAYMENT				
ITEM. NO.	ITEM	UNIT		
611 (G)	INLET (SMD-TYPE 1)	ΕA		
611 (G)	INLET (SMD-TYPE 2)	ΕA		
611 (G)	INLET (SMD-TYPE 2A)	ΕA		
611 (G)	INLET (SMD-TYPE 2B)	ΕA		

THE PRICE BID FOR THE SMD INLET. SMD INLET ADDITIONAL DEPTH DATA SHALL BE NOTED ON THE PLANS.

CAST-IN-PLACE STANDARD MEDIAN DRAINS

2019 SPECIFICATIONS

3 R-26