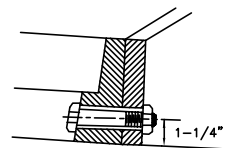


DESIGN NO.	TYPE OF CURB	DIMENSIONS
		d b
1	4" MOUNTABLE	4-1/2" 9-1/2"
	6" MOUNTABLE	6-1/2" 11-1/2"
	6" BARRIER	6-1/2" 11-1/2"
	8" BARRIER	8-1/2" 13-1/2"
2	4" MOUNTABLE	4-1/2" 9-1/2"
	6" MOUNTABLE	6-1/2" 11-1/2"
	6" BARRIER	6-1/2" 11-1/2"
	8" BARRIER	8-1/2" 13-1/2"
3	4" MOUNTABLE	4-1/2" 9-1/2"
	6" MOUNTABLE	6-1/2" 11-1/2"
	6" BARRIER	6-1/2" 11-1/2"
	8" BARRIER	8-1/2" 13-1/2"

TABLE FOR SHEET NO. 2



**DETAIL OF CONNECTION  
FRAME & CAST IRON CURB**  
NOTE: FRAME TO BE BOLTED TO CURB WITH 3/4"x12" X 4-1/2" MACHINE BOLTS.

**GENERAL NOTES**

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS.

WHEN THE INLET IS BUILT IN NEW CONCRETE PAVEMENT, THE APRON AROUND THE INLET MAY BE BUILT INTEGRAL WITH PAVEMENT, OR MAY BE SEPARATE AND OF THE SIZE SHOWN IN THE PLAN OF INLETS ON SHEET 2. THE THICKNESS SHALL BE THE SAME AS THE CONCRETE PAVEMENT OR CURB AND GUTTER. IF CONSTRUCTED IN ANY OTHER AREA OR IN EXISTING PAVEMENT THE APRON AROUND THE INLET SHALL BE OF THE SIZE SHOWN IN THE PLAN ON SHEET 2, AND BUILT OF P.C. CONCRETE TO A MINIMUM 8" THICKNESS.

THERE WILL BE NO DEDUCTION OF PAYMENT FOR CONCRETE CURB AND GUTTER OR P.C. CONCRETE THRU THE EXTENTS OF THE CAST IRON INLETS. DEDUCTION WILL BE MADE FOR PAVEMENT OF INTERGRAL CURB THRU THE EXTENTS OF THE CAST IRON CURB INLETS.

COST OF ANGLE IRON AND FASTENERS SHALL BE INCLUDED IN PRICE BID FOR CAST IRON CURB INLETS. ANGLE IRON SHALL CONFORM TO AASHTO M-183 SPECIFICATIONS.

FERROUS CASTINGS AS SHOWN HERE SHALL MEET THE REQUIREMENTS AND SPECIFICATIONS OF AASHTO M-105, CLASS 30B, OR ASTM A-48, CLASS 30B. THEY SHALL BE OF UNIFORM QUALITY FREE FROM DEFECTS INCLUDING BUT NOT LIMITED TO HARD SPOTS, POROSITY, BLOWHOLES, SHRINKAGE DISTORTION, CRACKS OR VOIDS. THEY SHALL BE SMOOTH AND WELL CLEANED BY SAND OR SHOT BLASTING TO REMOVE ALL FLASH AND SLAG.

LETTERING USED TO IDENTIFY FOUNDRY (OR DISTRIBUTOR) AND HEAT OR POUR NUMBER SHALL NOT EXCEED 1" IN HEIGHT, AND SHALL NOT CONVEY SLOGANS NOR ADVERTISING MESSAGES.

ALL MORTAR JOINTS SHALL BE 3/8" FULL SHOVED JOINTS. NO BUTTERED JOINTS WILL BE ALLOWED. EVERY FIFTH (5TH) COURSE OF MASONRY SHALL BE HEADER COURSES. FIRED CLAY BRICK OR CONCRETE BRICK MAY BE USED IN MASONRY CONSTRUCTION.

WALLS OF STORM SEWER INLETS MAY BE OF BRICK MASONRY AS SHOWN OR OF POURED CLASS "A" CONCRETE TO THE SAME DIMENSIONS. MEASUREMENT WILL BE MADE BY THE CUBIC FOOT AND PAYMENT WILL BE AT THE UNIT PRICE BID FOR INLET.

ALL BOLTS AND NUTS FOR THESE STRUCTURES SHALL BE MACHINE BOLTS AND SHALL CONFORM TO SPECIFICATIONS IN AASHTO M-164 AND ASTM A-325. THEY SHALL BE FURNISHED GALVANIZED, CADMIUM PLATED OR STAINLESS STEEL.

TYPE B & C FRAMES TO BE USED FOR MULTIPLE DOUBLE GRATINGS.

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**Contacts:**  
Robert Hill, Director of Engineering Services, Est. 344  
Joan Blevins, Civil Engineer, Est. 348

REVISIONS	Description	Date

Project Number: **STANDARD CAST IRON STORM SEWER CURB**

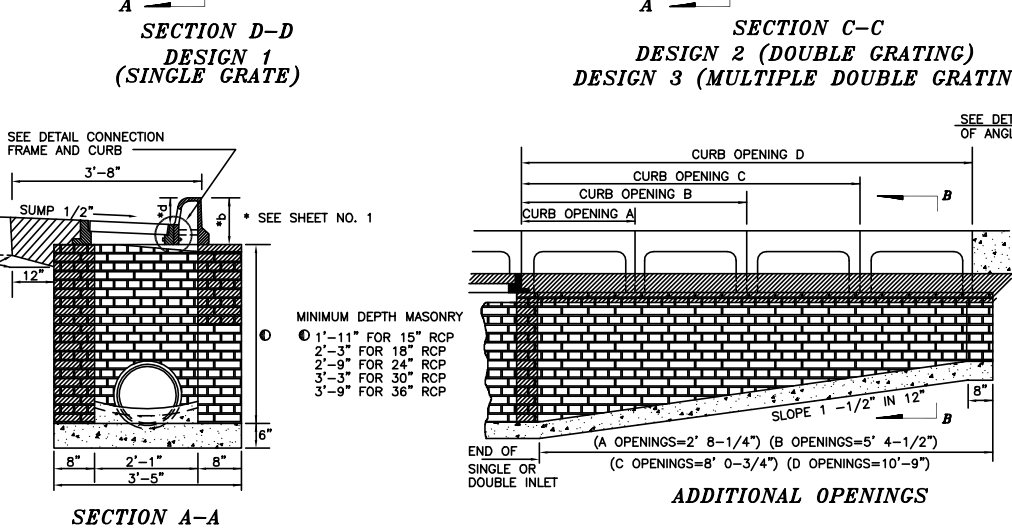
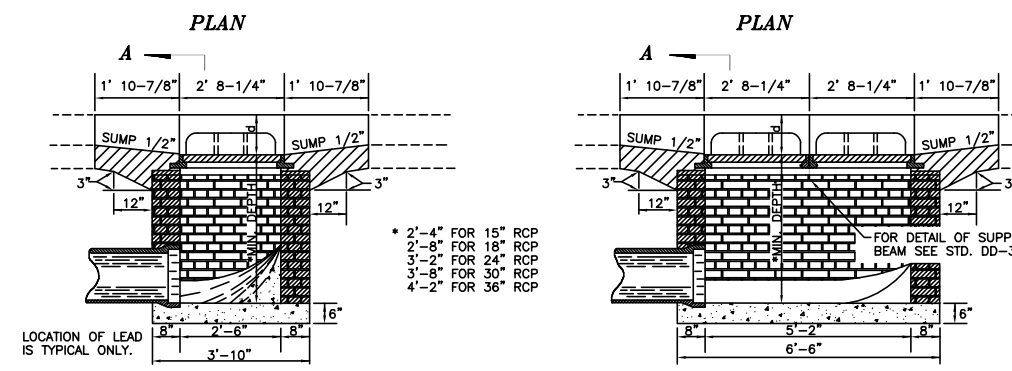
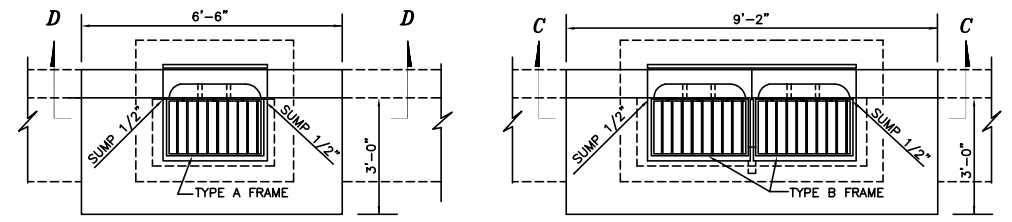
Project Location: **PS - 1 SHT. 1**

Sheet Title: **STANDARD CAST IRON STORM SEWER CURB**

Project Title: **PS - 1 SHT. 1**

Engr. Seal: **PROFESSIONAL ENGINEER**  
**ROBERT S. HITT**  
13111  
OKLAHOMA

Date: 6/1/00  
Scale: NO SCALE  
Cod File: G:\DATA\SP200\PS1  
Drawn By: P.B./C.H.  
Designed By: R.H.  
Approved By: R.H.  
Sheet: of

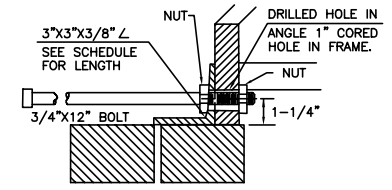


**QUANTITIES (FOR 18" RCSP MIN. DEPTH) ●**

INLET DESIGN	CURB OPENING DESIGNATION	CLASS "A" CONCRETE CU. YD.	BASE AMT. FT.	INLET ADD'L. C.F. PER VERT. FT.	INLET FRAME & GRATS EACH	CAST IRON CURB INLET EACH	ANGLE IRON NO.	ANGLE IRON LENGTH
1	A	.24	18.00	8.00	1.	1.	1	
	B	.34	25.02	11.59	1.	2.	1	2' 5-3/8"
	C	.44	30.81	15.16	1.	3.	1	5' 1-5/8"
	D	.54	35.43	18.75	1.	4.	2	7' 9-7/8"
	2A	.44	32.03	15.16	1.	3.	2	2' 5-3/8" 2' 5-3/8"
	A-B	.54	37.84	18.75	1.	4.	2	2' 5-3/8" 5' 1-5/8"
	A-C	.64	42.44	22.33	1.	5.	2	2' 5-3/8" 7' 9-7/8"
	2B	.64	43.66	22.33	1.	5.	2	5' 1-5/8" 5' 1-5/8"
2	B-C	.74	48.24	25.92	1.	6.	2	5' 1-5/8" 7' 9-7/8"
	2-C	.84	52.86	29.50	1.	7.	2	7' 9-7/8" 7' 9-7/8"
	B	.41	26.00	11.56	2.	2.		
	D	.61	38.82	18.72	2.	4.	1	5' 1-5/8"
	2B	.81	46.83	25.89	2.	6.	1	10 6-1/8"
	B-D	.81	51.66	25.89	2.	6.	2	5' 1-5/8" 5' 1-5/8"
	2D	1.01	59.69	33.05	2.	8.	2	5' 1-5/8" 10 6-1/8"
	2D	1.21	67.72	40.23	2.	10.	2	10 6-1/8" 10 6-1/8"
3A	B	.74	41.50	18.45	4.	4.		
	D	.94	54.32	25.61	4.	6.	1	5' 1-5/8"
	2B	1.14	62.32	32.78	4.	8.	1	10 6-1/8"
	B-D	1.14	67.14	32.78	4.	8.	1	5' 1-5/8" 5' 1-5/8"
	2D	1.34	74.25	39.95	4.	10.	2	5' 1-5/8" 10 6-1/8"
	2D	1.54	83.22	47.11	4.	12.	2	10 6-1/8" 10 6-1/8"

● QUANTITIES SHOWN INCLUDE QUANTITIES REQUIRED TO CONSTRUCT GRATED CURB INLET AND ADDITION CURB OPENINGS. INLET QUANTITIES FOR DEPTHS GREATER THAN 2'-8" (IF GRATE TO INLET) WILL BE MULTIPLIED BY THE ADD'L. CU. FT. PER VERT. FT. AMOUNT AND ADDED TO THE BASE AMOUNT. LEADS LARGER THAN 18" TO BE DEDUCTED FROM QUANTITIES.

▲ QUANTITIES SHOWN ARE FOR 2 DOUBLE GRATE INLETS.



**DETAIL OF CONNECTION  
ANGLE IRON & CAST IRON CURB**

NOTE: ANGLE IRON TO BE BOLTED TO CURB WITH 3/4"x12" MACHINE BOLTS IN EACH CURB SECTION.

DEDUCTIONS OF VOLUMES FOR INLET (CU. FT.) FOR PIPE LEADS.

21"	-	1.60 CU. FT.
24"	-	2.10 CU. FT.
27"	-	2.65 CU. FT.
30"	-	3.27 CU. FT.
33"	-	3.96 CU. FT.
36"	-	4.71 CU. FT.
42"	-	6.41 CU. FT.
48"	-	8.38 CU. FT.

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**Contacts:**  
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Joan Blevins, Civil Engineer, Est. 348

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Project Location: **PS - 1 SHT. 2**

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