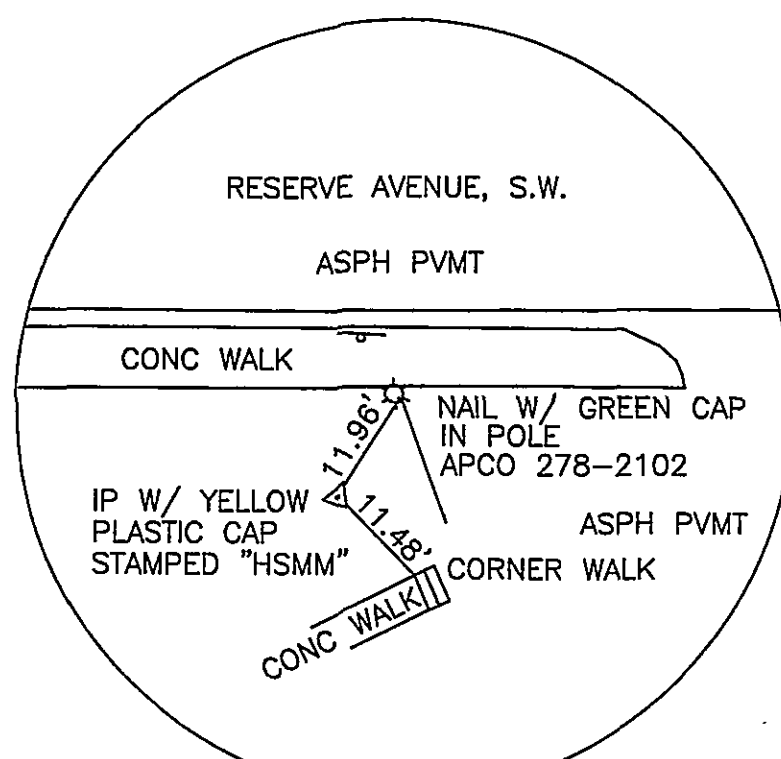


PT NO	NORTHING	EASTING	DESCRIPTION
1	3620280.16	11062702.26	ANGLE FACE CURB
2	3620305.83	11062706.41	PC FACE CURB
3	3620304.39	11062715.30	PT FACE CURB
4	3620291.07	11062713.14	ANGLE FACE CURB
5	3620290.85	11062981.91	ANGLE FACE CURB
6	3620285.17	11062984.23	PC FACE CURB
7	3620288.06	11062988.24	END GUTTER
8	3620264.61	11062971.18	PT FACE CURB
9	3620237.40	11062966.83	ANGLE FACE CURB
10	3620233.57	11062990.52	ANGLE FACE CURB
11	3620241.46	11062991.80	PC FACE CURB
12	3620245.19	11062996.96	PT FACE CURB
13	3620243.03	11063010.29	ANGLE FACE CURB
14	3620229.38	11063009.06	SIDEWALK
15	3620219.72	11063007.02	SIDEWALK
16	3620217.57	11063020.35	SIDEWALK
17	3620236.51	11063013.06	SIDEWALK
18	3620114.20	11063003.64	PC FACE CURB
19	3620089.21	11062997.04	PT FACE CURB
20	3620076.46	11062991.51	ANGLE FACE CURB
21	3620059.53	11063025.53	PC FACE CURB
22	3620069.62	11063049.69	PT FACE CURB
23	3620039.60	11063140.89	ANGLE FACE CURB
24	3620035.71	11063152.70	ANGLE FACE CURB
25	3620032.44	11063164.26	ANGLE FACE CURB
26	3620054.28	11063171.45	ANGLE FACE CURB
27	3620058.51	11063160.20	PC FACE CURB
28	3620071.18	11063150.87	EDGE CONC
29	3620072.79	11063151.37	PT FACE CURB
30	3620083.41	11063160.04	PC ASPHALT DRIVE
31	3620089.11	11063161.68	PT ASPHALT DRIVE
32	3620191.84	11063176.67	CORNER ASPHALT PAVEMENT
33	3620194.24	11063161.86	CORNER ASPHALT PAVEMENT
34	3620205.72	11063018.44	CONC CROSSING
35	3620199.66	11063055.95	CONC CROSSING
36	3620253.00	11063064.57	CONC CROSSING
37	3620259.06	11063027.06	CONC CROSSING
38			NOT USED
39			NOT USED
40	3620326.36	11063107.57	CORNER CUTTER COLUMN NEW BUILDING
41			NOT USED
42			NOT USED
43			NOT USED
44			NOT USED
45	3620101.51	11063146.87	PC ASPHALT DRIVE
46	3620099.23	11063146.22	PT ASPHALT DRIVE
47	3620078.60	11063137.54	ANGLE FACE CURB
48	3620076.01	11063136.46	PC FACE CURB
49	3620071.24	11063132.26	END GUTTER
50	3620078.95	11063117.28	PRC FACE CURB
51	3620083.24	11063113.87	PT FACE CURB
52	3620098.15	11063088.56	PC FACE CURB
53	3620096.86	11063063.39	PRC FACE CURB
54	3620103.44	11063054.07	SIDEWALK
55	3620094.93	11063052.70	SIDEWALK
56	3620095.67	11063050.31	PCC FACE CURB
57	3620101.32	11063045.63	SIDEWALK
58	3620115.07	11063042.28	PT FACE CURB
59	3620108.44	11063054.88	SIDEWALK
60	3620122.89	11063028.35	PC FACE CURB
61	3620124.17	11063020.45	PT FACE CURB
62	3620108.92	11063032.53	PC FACE CURB
63	3620197.64	11063040.43	PT FACE CURB
64			NOT USED
65	3620209.33	11063071.21	SIDEWALK
66	3620211.50	11063057.86	ANGLE FACE CURB
67			NOT USED
68	3620236.25	11063093.00	SIDEWALK
69	3620239.00	11063075.98	SIDEWALK
70	3620241.15	11063062.66	SIDEWALK
71	3620247.22	11063025.14	SIDEWALK
72	3620248.10	11063019.72	SIDEWALK
73			NOT USED
74			NOT USED
75	3620259.84	11063050.48	PC FACE CURB
76	3620261.11	11063042.59	PT FACE CURB
77	3620357.36	11063058.14	PC FACE CURB
78	3620356.09	11063066.04	PT FACE CURB
79	3620349.74	11063080.21	PC FACE CURB
80	3620356.30	11063042.78	PC FACE CURB
81	3620365.08	11063041.72	SIDEWALK
82	3620358.24	11063084.07	SIDEWALK
83	3620350.24	11063080.29	PC FACE CURB
84	3620366.83	11063090.42	GUTTER INTERSECTION
85	3620366.79	11063103.23	PT FACE CURB
86	3620356.63	11063166.08	PC FACE CURB
87	3620354.09	11063173.08	END GUTTER
88	3620350.30	11063177.04	SIDEWALK
89	3620342.48	11063181.57	SIDEWALK
90	3620333.69	11063182.63	PT FACE CURB
91	3620356.47	11063094.97	SIDEWALK
92	3620331.30	11063197.44	PC FACE CURB
93			NOT USED
94	3620336.31	11063201.22	SIDEWALK
95	3620335.49	11063224.79	SIDEWALK
96	3620315.42	11063239.27	SIDEWALK
97	3620347.88	11063220.19	PT FACE CURB
98	3620346.84	11063226.62	PC FACE CURB
99	3620312.34	11063251.44	PT FACE CURB
100	3620305.06	11063237.60	SIDEWALK
101	3620182.99	11063230.53	ANGLE FACE CURB
102	3620188.30	11063197.63	SIDEWALK
103			NOT USED
104			NOT USED
105	3620306.45	11063228.95	SIDEWALK
106	3620312.33	11063194.37	FACE CURB
107	3620314.72	11063179.57	FACE CURB
108			NOT USED
109			NOT USED
110	3620204.67	11063100.10	ANGLE WALL
111			NOT USED
112			NOT USED
113	3620375.24	11063038.39	GUTTER INTERSECTION
114	3620379.24	11063026.23	PT FACE CURB
115	3620379.56	11063024.25	PC FACE CURB
116	3620379.01	11063015.10	GUTTER INTERSECTION
117	3620371.28	11063012.78	PT FACE CURB
118	3620361.41	11063011.19	PC FACE CURB
119	3620355.67	11063015.33	PT FACE CURB
120	3620353.60	11063028.16	ANGLE FACE CURB
121	3620366.65	11063030.81	ANGLE FACE CURB
122	3620369.72	11063013.04	SIDEWALK
123	3620375.11	11062989.09	PC FACE CURB
124	3620380.90	11062987.74	SIDEWALK
125	3620386.58	11062980.81	PT FACE CURB

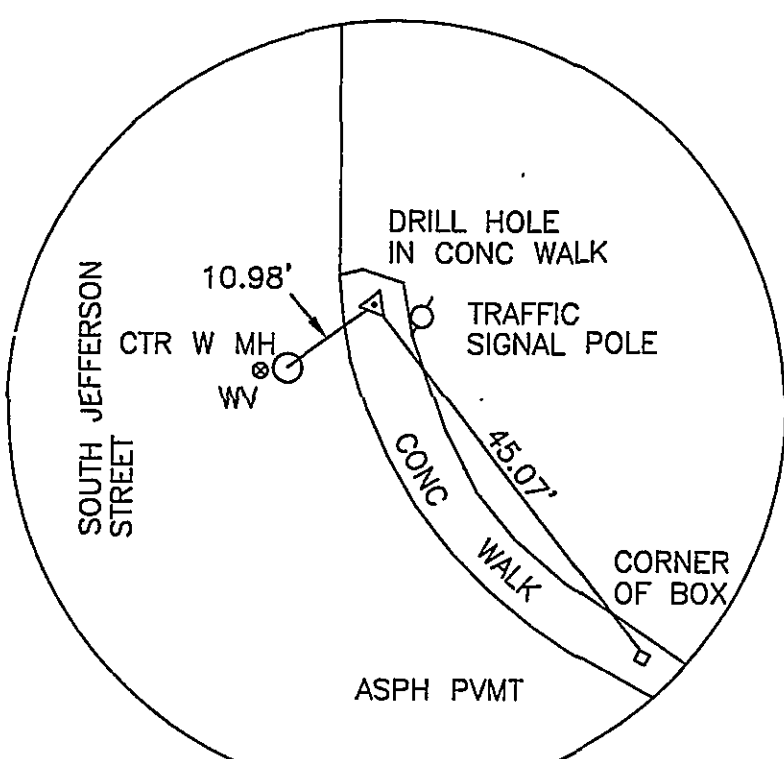
PT NO	NORTHING	EASTING	DESCRIPTION
126	3620426.15	11062735.99	PC FACE CURB
127	3620422.95	11062727.63	SIDEWALK
128	3620417.88	11062724.53	PT FACE CURB
129	3620416.31	11062724.78	SIDEWALK
130	3620402.48	11062722.04	PC FACE CURB
131	3620401.14	11062730.94	PT FACE CURB
132	3620414.46	11062733.09	ANGLE FACE CURB
133	3620374.25	11062981.86	ANGLE FACE CURB
134	3620359.84	11062979.55	PC FACE CURB
135	3620355.92	11062982.44	END GUTTER
136	3620358.82	11062986.46	PT FACE CURB
137	3620373.71	11062988.36	SIDEWALK
138	3620315.02	11062972.29	ANGLE FACE CURB
139	3620329.34	11062974.60	PC FACE CURB
140	3620332.23	11062978.61	END GUTTER
141	3620328.22	11062981.51	PT FACE CURB
142	3620284.65	11062976.09	PC FACE CURB
143	3620281.76	11062972.07	END GUTTER
144	3620285.77	11062969.18	PT FACE CURB
145	3620310.08	11062971.49	ANGLE FACE CURB
146	3620350.30	11062722.72	ANGLE FACE CURB
147	3620336.97	11062720.56	PC FACE CURB
148	3620338.41	11062711.88	PT FACE CURB
149	3620370.00	11062716.79	PC FACE CURB
150	3620368.56	11062725.67	PT FACE CURB
151	3620355.23	11062723.52	ANGLE FACE CURB
152	3620461.19	11062707.22	ANGLE FACE CURB
153	3620376.27	11063232.55	PC FACE CURB
154	3620393.53	11063264.69	PT FACE CURB
155			NOT USED
156			NOT USED
157			NOT USED
158			NOT USED
159	3620452.71	11063095.45	NSCB11 FLARED END SECTION
160			NOT USED
161			NOT USED
162			NOT USED
163			NOT USED
164	3620283.99	11062678.57	ANGLE FACE CURB
165	3620312.80	11063021.56	NSCB7 DI-2C L=6'
166	3620310.56	11063035.38	NSCB6 DI-2C L=6'
167	3620296.44	11063071.59	NSCB5 DI-2C L=6'
168			NOT USED
169	3620394.34	11063120.79	NSCB10 DI-2C L=6'
170			NOT USED
171	3620351.50	11063070.16	SSMH1
172	3620256.82	11063055.07	SSMH2
173			NOT USED
174	3620172.69	11062997.40	NSCB4 DI-1 L=3'
175	3620170.22	11063012.70	NSCB3 DI-2C L=4'
176	3620168.28	11063048.93	NSCB2 DI-2C L=6'
177	3620097.68	11063069.99	NSCB1 DI-2C L=6'
178	3620070.92	11063059.59	NSMH2 SD MH
179	3619979.12	11063189.92	NSMH1 SD MH
180	3620058.19	11063028.22	SSMH4
181	3620189.31	11063044.22	SSMH3
182	3620320.81	11062973.19	NSCB8 DI-2C L=10'
183	3620304.49	11062970.59	NSCB8 DI-2C L=10'
184	3620282.96	11063027.87	WATER VALVE
185			NOT USED
186			NOT USED
187			NOT USED
188	3620310.61	11063251.16	NSCB12 DI-2C L=14'
189	3620332.04	11063253.38	EXST INLET CONVERT TO MH
190	3620345.30	11063207.98	SIDEWALK
191	3620404.27	11063108.17	EXST S MH
192			NOT USED
193			NOT USED
194	3620288.72	11063028.81	TEE

ABBREVIATIONS THIS SHEET:

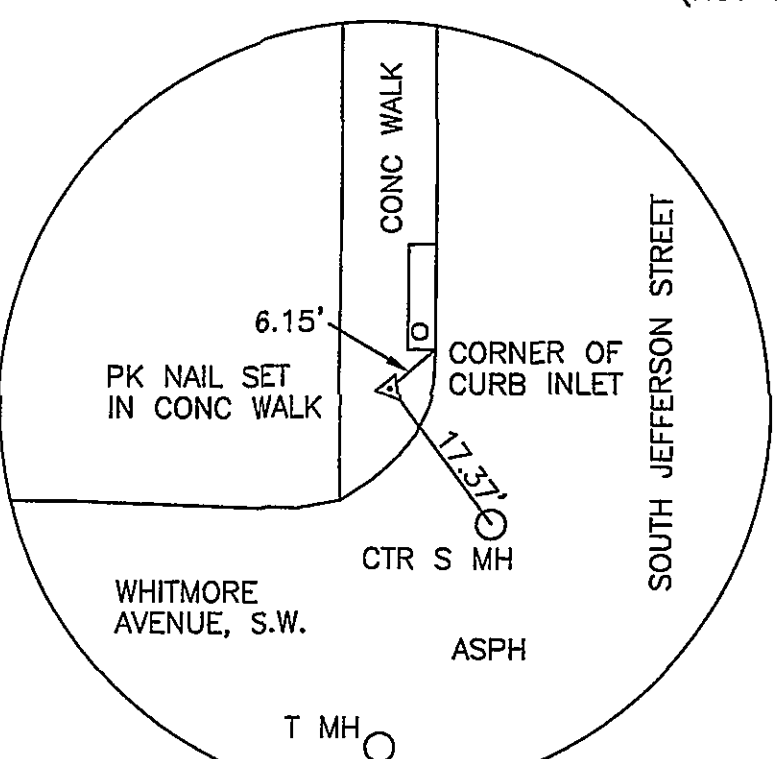
PT	POINT OF TANGENT
POT	POINT ON TANGENT
POC	POINT OF CURVE
PC	POINT ON CURVE
PCC	POINT COMPOUND CURVE
PRC	POINT REVERSE CURVE



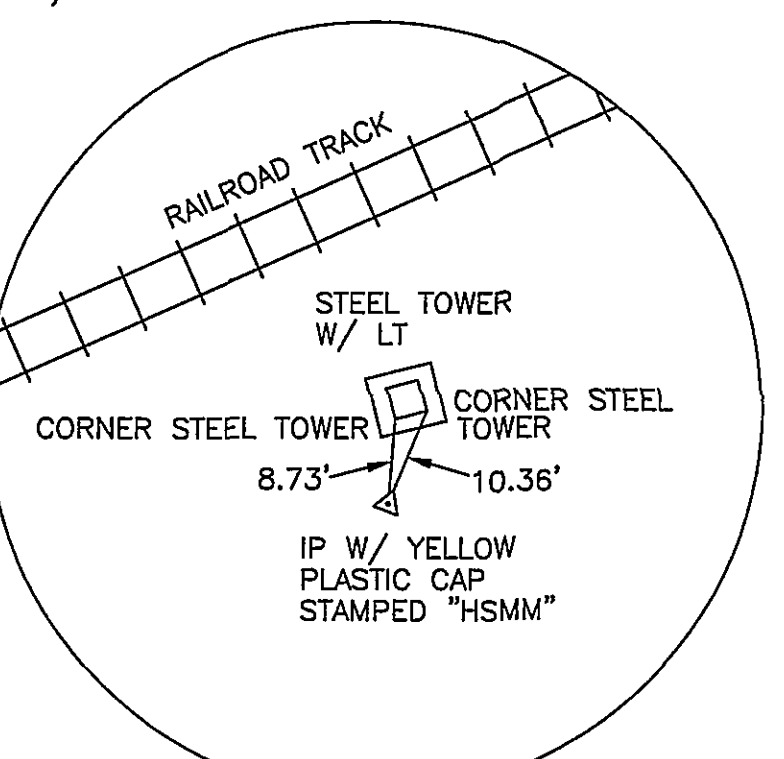
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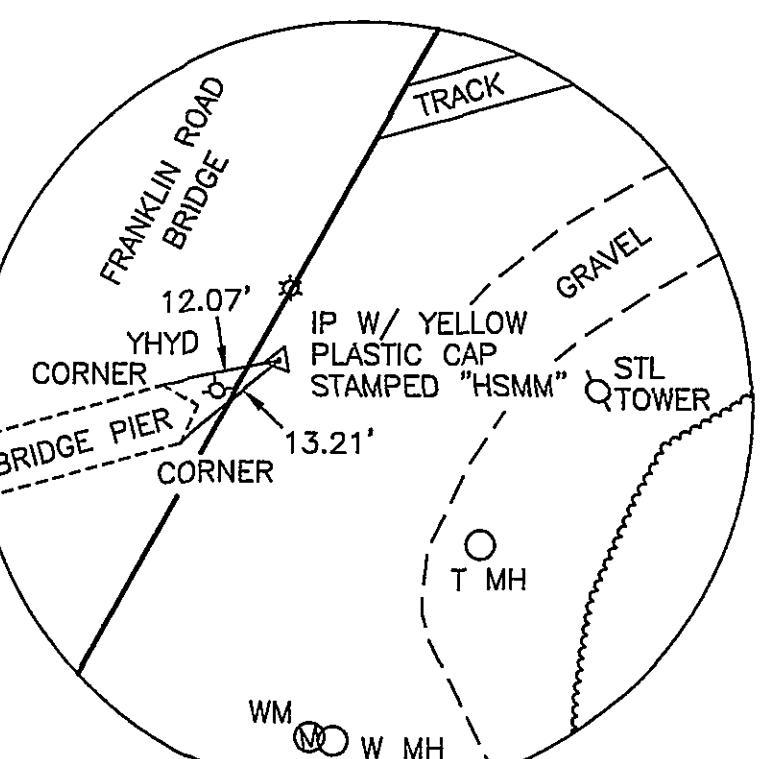
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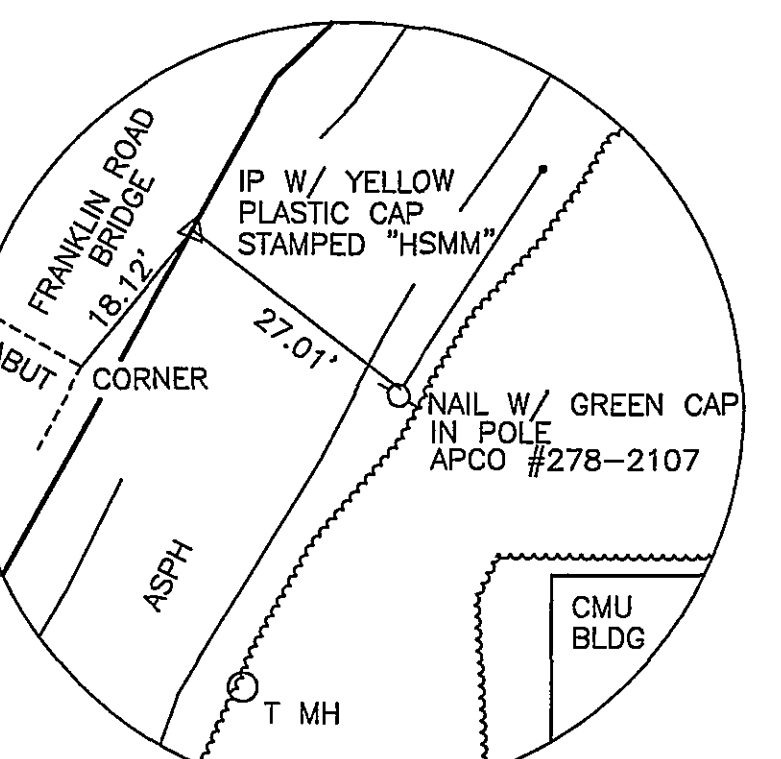
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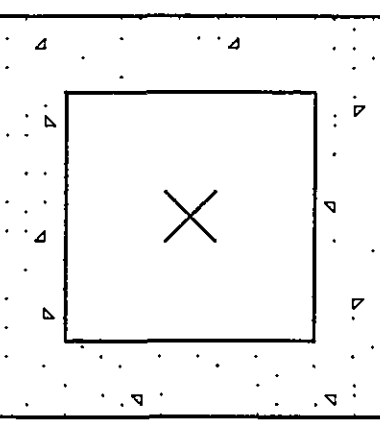
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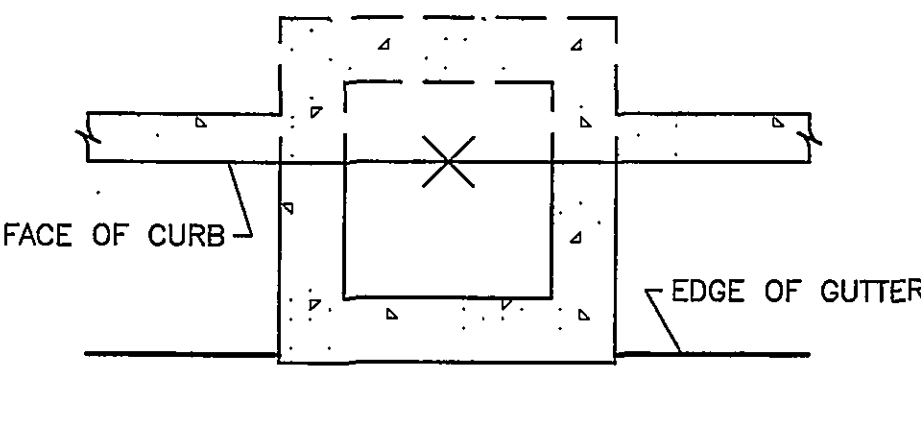
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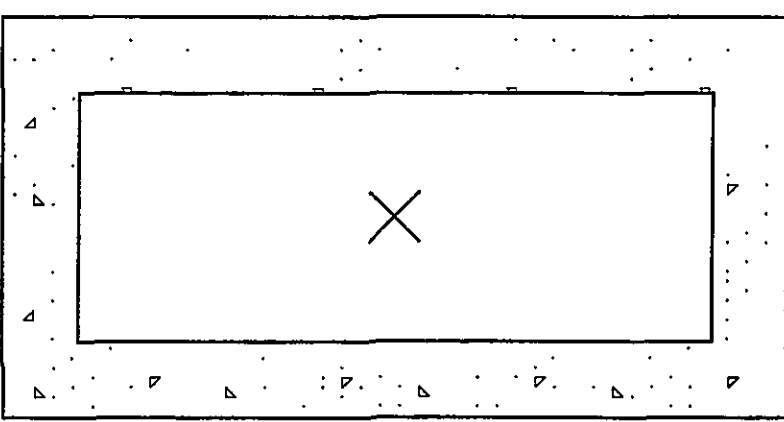
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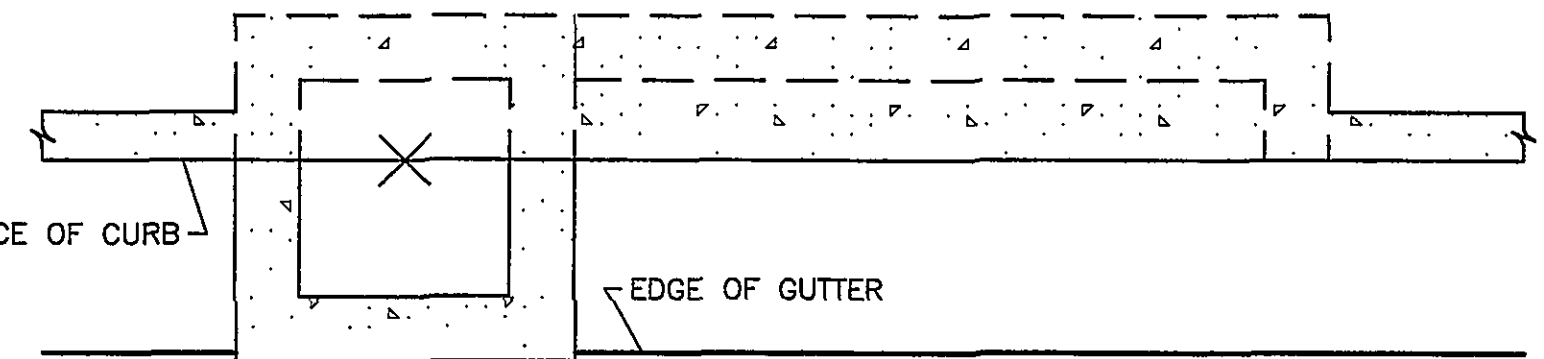
DI-1 & DI-1A
DI-7 & DI-7A



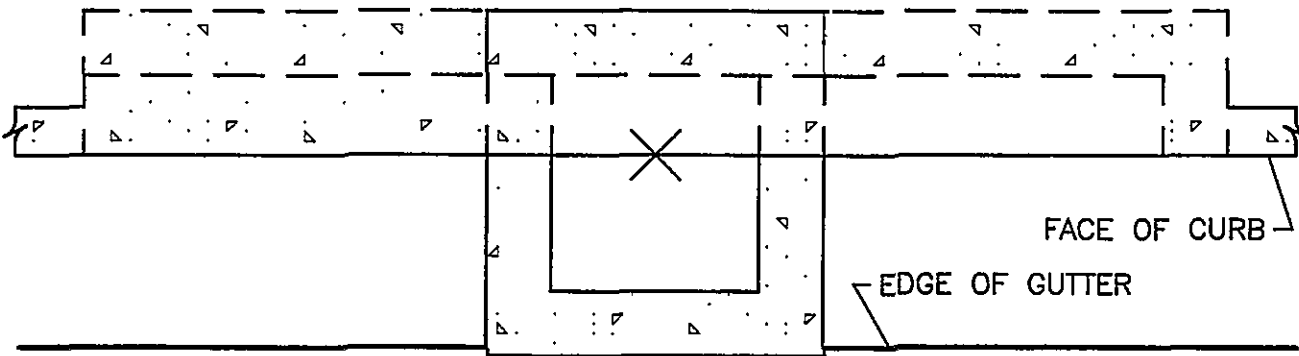
DI-2A & DI-2AA



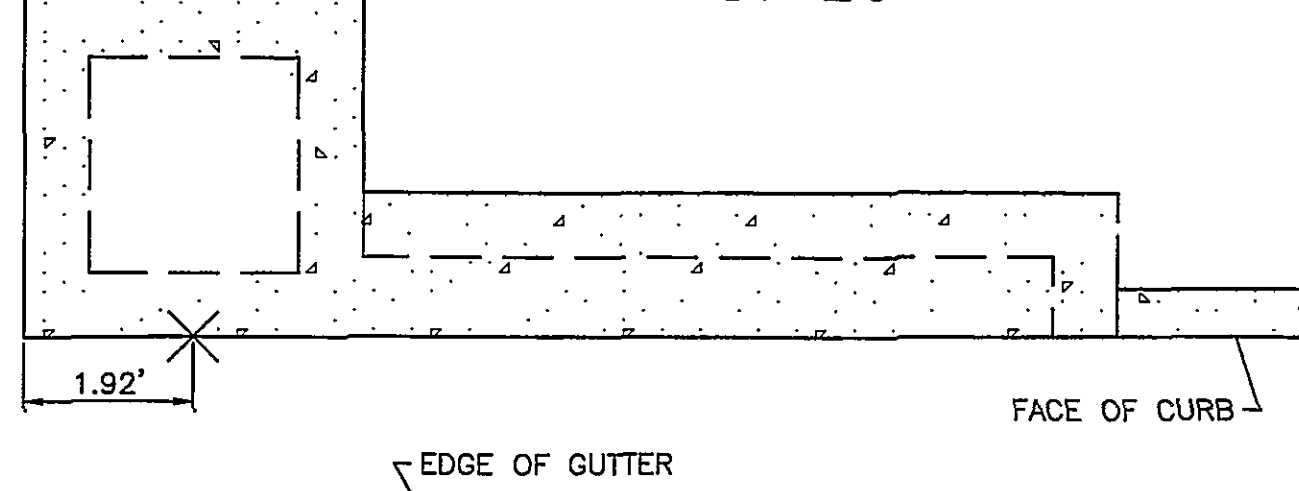
DI-12C



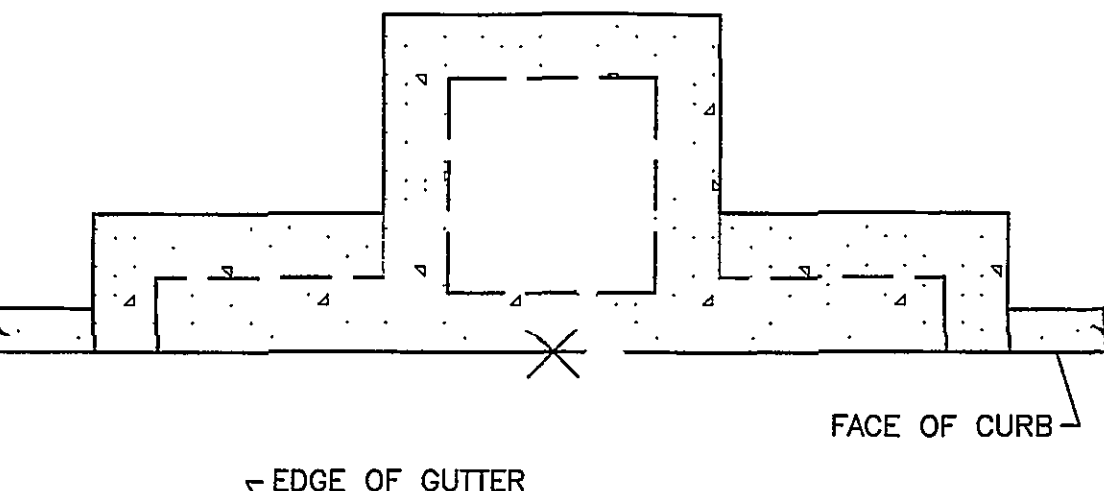
DI-2B & DI-2BB



DI-2C & DI-2CC



DI-3B & DI-3BB



DI-3C & DI-3CC

NOTES:
DROP INLETS SHALL BE CONSTRUCTED USING PRECAST UNIT ASSEMBLIES FOR BASE, RISER, AND TOP AS PER VDOT 103.01 OF VDOT "ROAD AND BRIDGE STANDARDS".
THE FOLLOWING DIAGRAMS INDICATE THE LOCATION OF COORDINATE POINTS FOR SANITARY SEWER AND STORM DRAIN STRUCTURES.

BENCHMARKS

- BM #1 = TOP OF FLANGE BOLT MARKED WITH "X" ON FIRE HYDRANT LOCATED IN FRONT OF ROANOKE CITY SCHOOL MAINTENANCE CENTER AT S.E. CORNER OF INTERSECTION OF RESERVE AVENUE, S.W. AND FRANKLIN ROAD, S.W. EL=936.91 (NGVD29)
- BM #2 = TOP OF FLANGE BOLT MARKED WITH "X" ON FIRE HYDRANT LOCATED ON EAST SIDE OF SOUTH JEFFERSON STREET, ABOUT 100 FEET NORTH OF RESERVE AVENUE, S.W. EL=926.06 (NGVD29)
- BM #3 = TOP OF FLANGE BOLT MARKED WITH "X" ON FIRE HYDRANT LOCATED ON EAST SIDE OF SOUTH JEFFERSON STREET, ABOUT 30 FEET NORTH OF WHITMORE AVENUE, S.W. EL=924.62 (NGVD29)

HORIZONTAL CONTROL POINT REFERENCE DIAGRAMS

(NOT TO SCALE)

HSMM

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