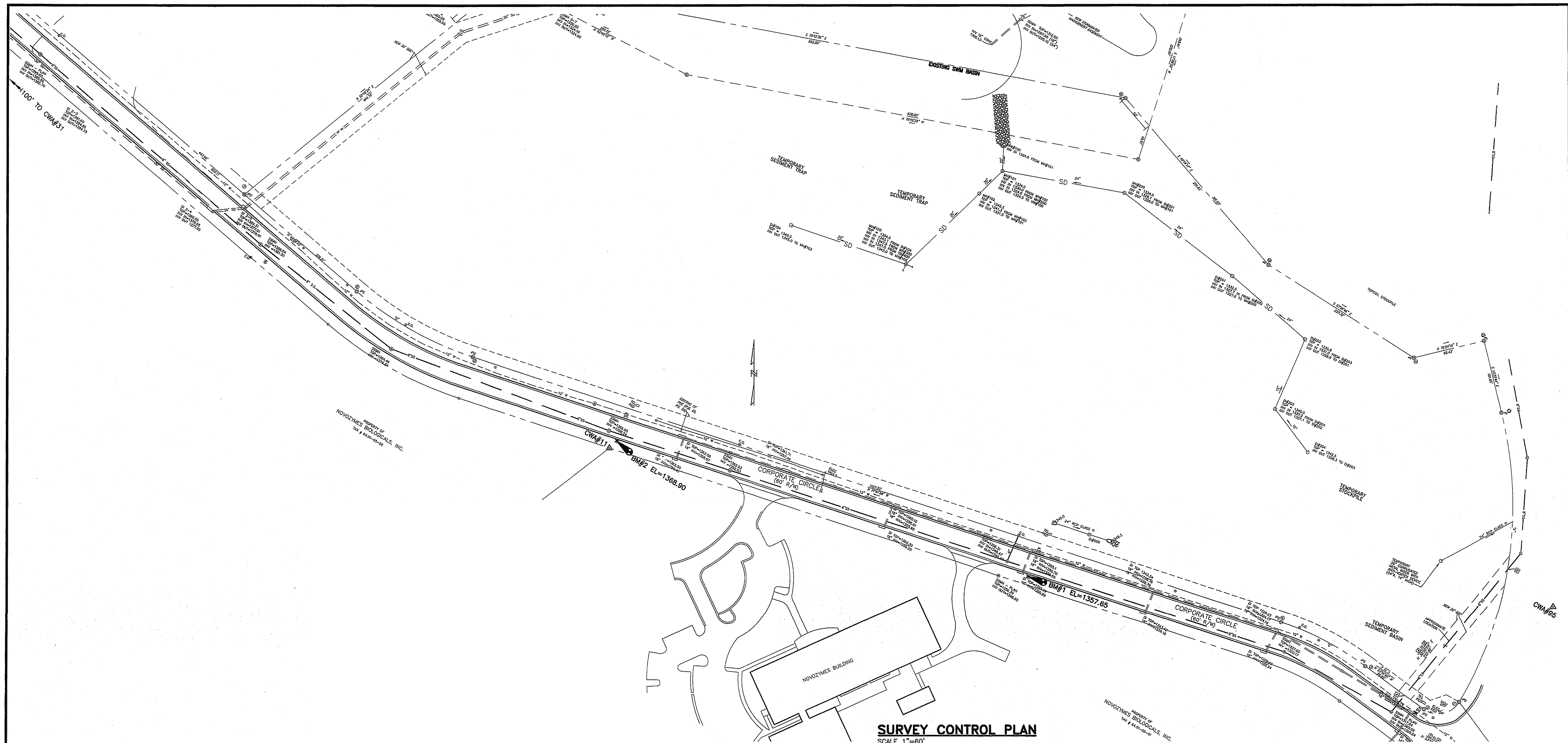
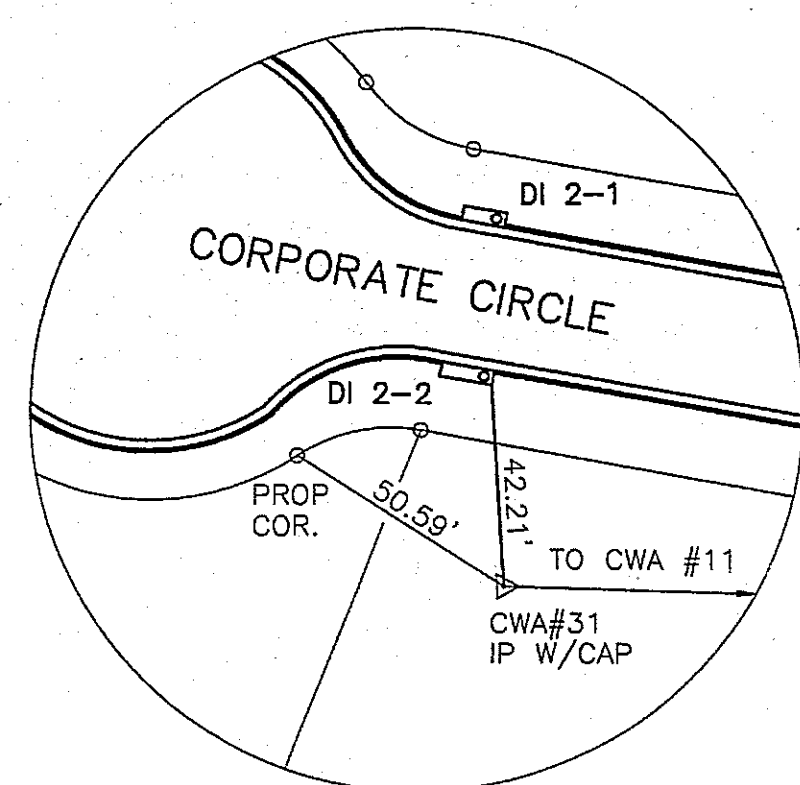
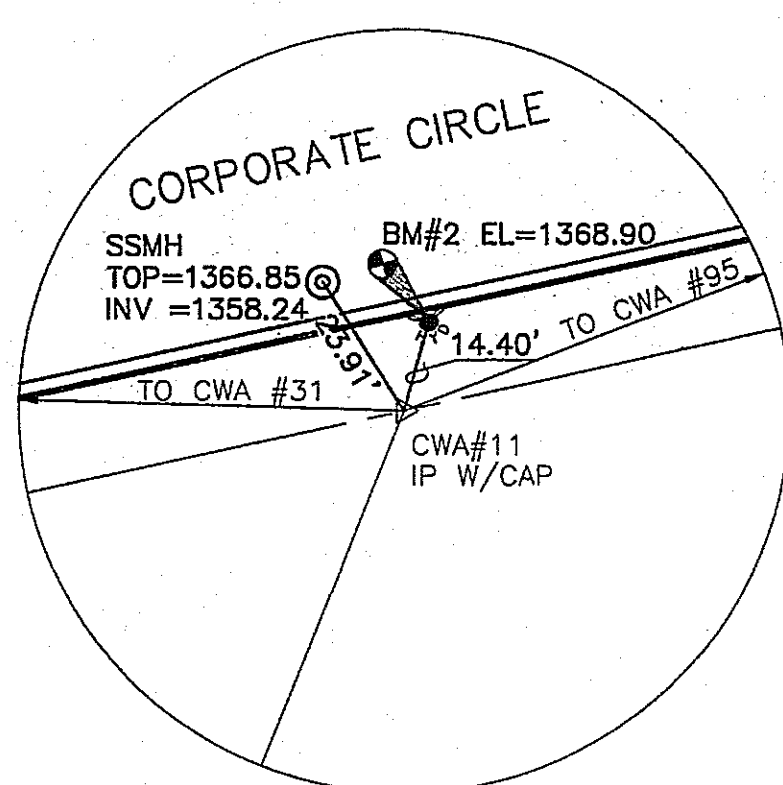




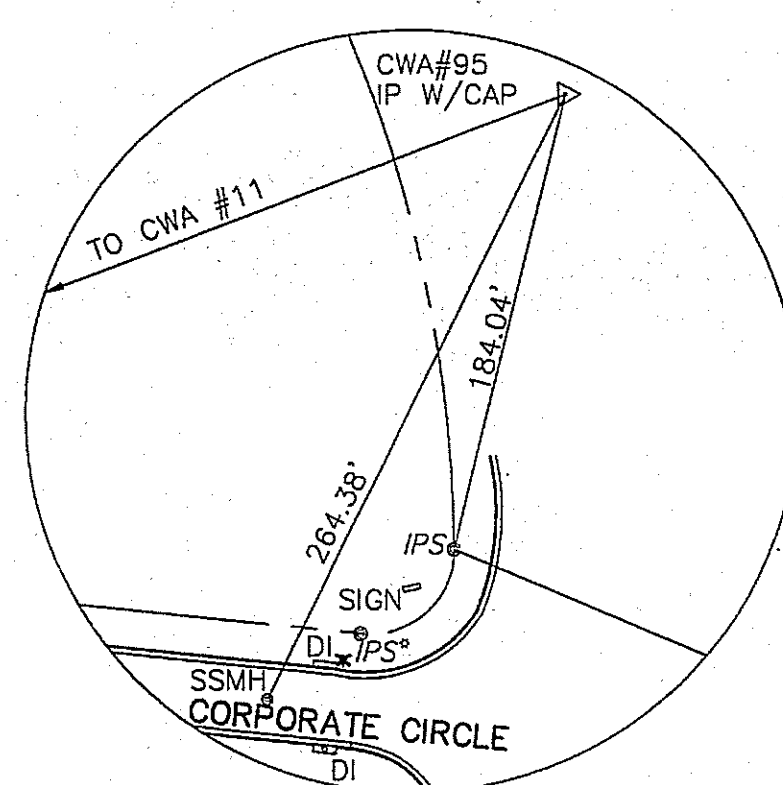
SURVEY CONTROL PLAN
SCALE 1"=60'



CWA #31
N = 24545.781
E = 96616.053



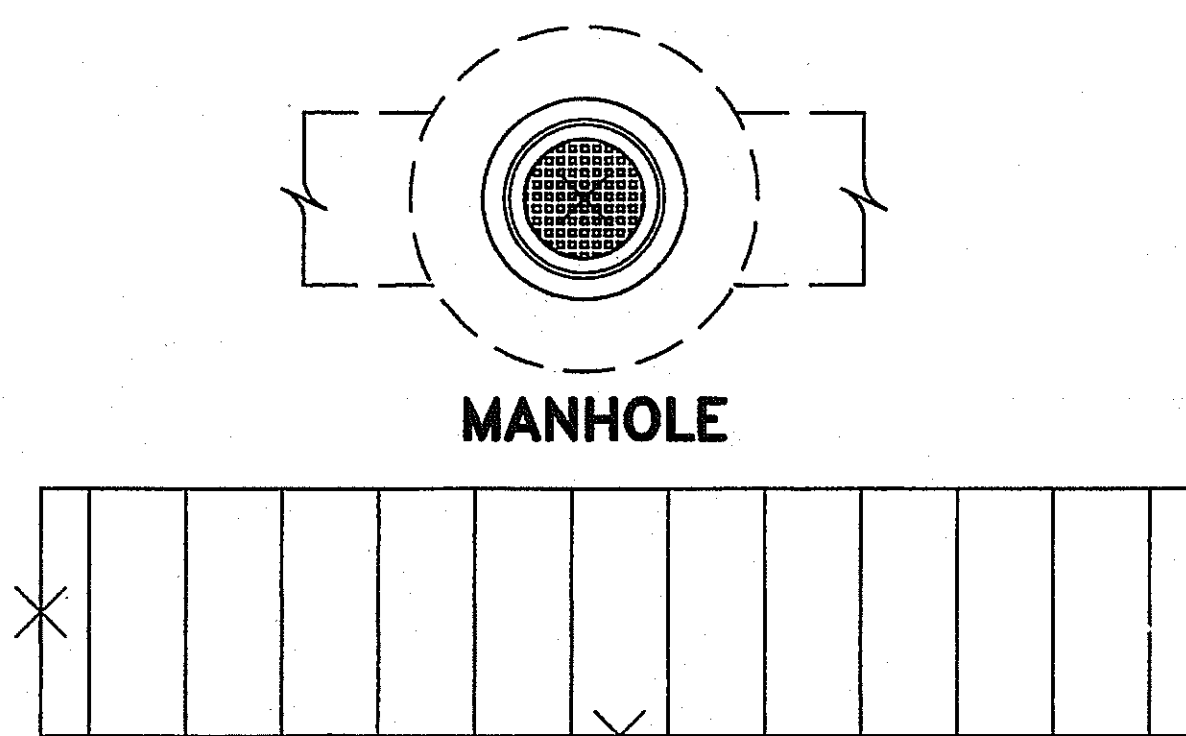
CWA #11
N = 23765.352
E = 97497.850



CWA #95
N = 23765.352
E = 97497.850

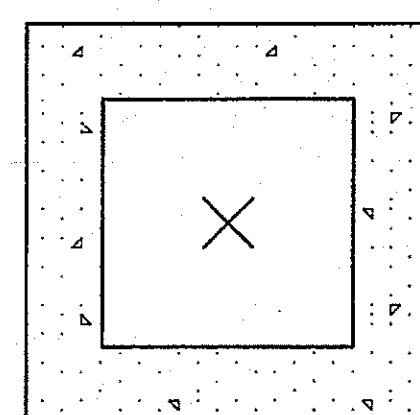
HORIZONTAL POINT CONTROL REFERENCE DIAGRAMS

NO SCALE

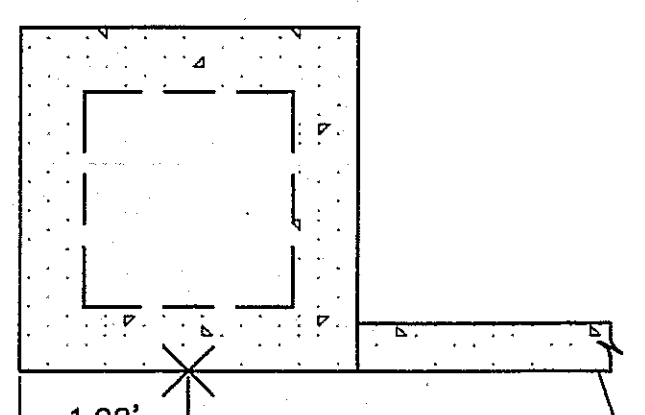


MANHOLE
TRENCH DRAIN

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.



DI-1 & DI-7



DI-3A

UTILITY STRUCTURE COORDINATE LAYOUT TABLE			
STRUCTURE NO.	NORTHING	EASTING	DESCRIPTION
MH#2	23865.000	98009.050	MANHOLE
MH#3	23910.380	98060.090	MANHOLE
MH#4	23996.000	97861.300	MANHOLE
MH#300	24183.160	98036.220	MANHOLE
TD#301	24219.660	98061.640	18" TRENCH DRAIN
TD#302	24180.220	98044.100	18" TRENCH DRAIN
TD#400	24145.070	97863.310	18" TRENCH DRAIN
10	23844.580	98081.510	8" WATER CONNECTION
11	23859.480	98086.900	CENTER VAULT
12	23923.790	98114.590	8" WATER ANGLE
13	23954.120	98151.460	8" WATER ANGLE
14	24044.460	98188.340	8" WATER ANGLE
15	24146.850	98232.440	8" WATER ANGLE
16	24201.690	98210.620	8" WATER ANGLE
17	24263.430	98066.450	8" WATER ANGLE
18	24307.620	97885.720	8" WATER CAP
19	23860.560	98076.640	3" WATER ANGLE
20	24101.410	98180.200	3" WATER ANGLE
21	24126.830	98187.700	6" WATER ANGLE
22	24277.130	97929.540	8" WATER ANGLE
23	24208.560	97856.830	8" WATER ANGLE
24	23894.820	97785.640	3" GAS
25	24016.920	97838.220	3" GAS

COORDINATE TABLE			
PT NO	NORTHING	EASTING	DESCRIPTION
1	N 24053.275	E 97766.233	BLDG CORNER
2			
3			
4			
5	N 24287.988	E 97027.316	PC EP
6	N 24293.183	E 97087.826	PT EP
7	N 24401.044	E 97180.809	PC EP
8	N 24462.018	E 97456.011	PT EP
9	N 24312.380	E 97803.457	PC EP
10	N 24301.073	E 97838.111	PT EP
11	N 24278.880	E 97835.451	POT EP/PC GRAVEL
12	N 24273.514	E 98002.001	PC EP/PC GRAVEL
13	N 24263.762	E 98001.645	PT EP
14	N 24206.999	E 97121.214	PC EP
15	N 24277.528	E 97116.017	PT EP
16	N 24368.488	E 97192.789	PC EP
17	N 24430.113	E 97468.417	PT EP
18	N 24283.098	E 97810.773	PC EP
19	N 24217.398	E 97836.817	PT EP
20	N 24286.281	E 97974.648	PC GRAVEL
21	N 24290.996	E 98023.468	PT GRAVEL
22	N 24204.707	E 98223.511	PC GRAVEL
23	N 24117.983	E 98258.122	PT GRAVEL
24	N 24099.920	E 98250.343	POT GRAVEL/POT EP
25	N 24127.477	E 98236.079	PC GRAVEL
26	N 24193.176	E 98209.935	PT GRAVEL
27	N 24270.277	E 98030.913	PC GRAVEL
28	N 24273.514	E 98002.001	PC GRAVEL
29	N 24080.210	E 98258.186	PC PARKING
30	N 24082.825	E 98264.756	PT PARKING
31	N 24096.684	E 98270.725	ANGLE FACE CURB
32	N 24036.164	E 98411.247	ANGLE FACE CURB
33	N 24022.588	E 98405.313	PC FACE CURB
34	N 24018.818	E 98407.928	PT FACE CURB
35	N 24003.951	E 98435.481	PC FACE CURB
36	N 23965.845	E 98450.645	PT FACE CURB
37	N 23929.104	E 98434.821	PC FACE CURB
38	N 23913.940	E 98386.715	PT FACE CURB
39	N 23925.807	E 98369.162	PC PARKING
40	N 23923.192	E 98362.592	PT PARKING
41	N 23909.416	E 98356.659	ANGLE PARKING
42	N 23899.935	E 98216.137	ANGLE PARKING
43	N 23883.712	E 98222.070	PC FACE CURB
44	N 23899.282	E 98219.456	PC FACE CURB
45	N 23882.439	E 98199.748	PT FACE CURB
46	N 23829.126	E 98176.785	PC FACE CURB
47	N 23888.433	E 98161.323	PT FACE CURB
48	N 23861.278	E 98152.337	PC FACE CURB
49	N 23826.356	E 98165.010	PT FACE CURB
50	N 23840.712	E 98078.117	PC FACE CURB
51	N 23866.120	E 98128.659	PT FACE CURB
52	N 23995.708	E 98157.553	ANGLE PARKING
53	N 24107.222	E 98205.580	ANGLE PARKING
54	N 23795.466	E 98214.836	ANGLE FACE CURB

1"=60' 60' 30' 0 60' 120'

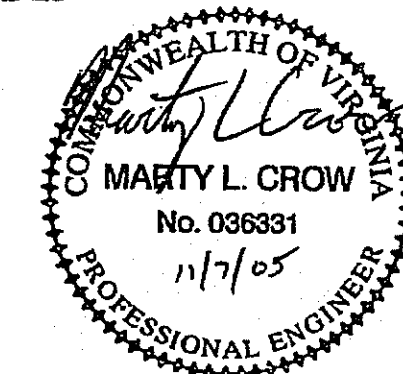
GRAPHIC SCALES

HSMM

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SEALS



CONSULTANT

CONSULTANT

TECTON

**TECTON
PRODUCTS, LLC
MANUFACTURING
FACILITY**

ROANOKE COUNTY, VIRGINIA

REV	DATE	DESCRIPTION	APP

COMM NO: 50298
ISSUE DATE: OCTOBER 28, 2005
DESIGNED BY: ACF DRAWN BY: ACF
CHECKED BY: MLC SUBMITTED BY: ADL
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CIVIL

**SURVEY CONTROL
AND
COORDINATE LAYOUT**

WWW.IDP.8KVRQ

CL001