CHERRYWOOD PARC PHASE 5- Detention Report

Date: 03/12

Basin

Allowable Discharge:

	Acres	PI	Q
Upstream Basin - Peak Outflow 2 yr			2.94
Q(offsite 15 yr):	1.745	1.77	3.09
Q(onsite 15 yr):	15.953	1.26	20.10
Q(Bypass 15 yr):	0.933	1.77	-1.65
Q(allow 15 yr):			**24.48**

Upstream Basin - Peak Outflow 5 yr			8.18
Q(offsite 25 yr):	1.745	2.18	3.80
Q(onsite 25 yr):	15.953	1.55	24.73
Q(Bypass 25 yr):	0.933	2.18	-2.03
Q(allow 25 yr):			**34.68**

Upstream Basin - Peak Outflow 15 yr			9.22
Q(offsite 15 yr):	1.745	2.64	4.61
Q(onsite 15 yr):	15.953	1.87	29.83
Q(Bypass 15 yr):	0.933	2.64	-2.46
Q(allow 15 yr):			**41.20**

Upstream Basin - Peak Outflow 25 yr			20.64
Q(offsite 25 yr):	1.745	3.26	5.69
Q(onsite 25 yr):	15.953	2.31	36.85
Q(Bypass 25 yr):	0.933	3.26	-3.04
Q(allow 25 yr):			**60.14**

Upstream Basin - Peak Outflow 100 yr			37.06
Q(offsite 100 yr):	1.745	4.17	7.28
Q(onsite 100 yr):	15.953	2.95	47.06
Q(Bypass 100 yr):	0.933	4.17	-3.89
Q(allow 100 yr):			**87.51**

Peak Q's to Basin:

		PI	Q
Upstream Basin - Peak Outflow 2 yr			2.94
Q(offsite 15 yr):	1.745	1.77	3.09
Q(onsite 15 yr):	15.953	1.77	28.24
Q(peak 15 yr):			**34.27**

Upstream Basin - Peak Outflow 5 yr			8.18
Q(offsite 25 yr):	1.745	2.18	3.80
Q(onsite 25 yr):	15.953	2.18	34.78
Q(peak 25 yr):			**46.76**

Upstream Basin - Peak Outflow 15 yr			9.22
Q(offsite 15 yr):	1.745	2.64	4.61
Q(onsite 15 yr):	15.953	2.64	42.12
Q(peak 15 yr):			**55.94**

Upstream Basin - Peak Outflow 25 yr			20.64
Q(offsite 25 yr):	1.745	3.26	5.69
Q(onsite 25 yr):	15.953	3.26	52.01
Q(peak 25 yr):			**78.34**

Upstream Basin - Peak Outflow 100 yr			37.06
Q(offsite 100 yr):	1.745	4.17	7.28
Q(onsite 100 yr):	15.953	4.17	66.52
Q(peak 100 yr):			**110.86**

Outlet Pipe:

Length:	50.57
U.F.L.	548.70
L.F.L.	547.80
% Slope	1.78
Diameter (in):	36
Type:	RCP

Time of Concentration:	20

Overflow Structure:

Type:	Rectangular
Perimeter:	10 ft
Orfice Elev:	548.70
Orfice Type:	Rectangular 12"X24"
Sill Elev.:	553.59

2 YR Routed Peak:	13.12

5 YR Routed Peak:	15.65

15 YR Routed Peak:	17.14

25 YR Routed Peak:	26.49

100 YR High Water Elev.:	554.72

Basin Dimensions

Elev	Area (ft)
548.70	0
550.00	10,564
552.00	14,833
554.00	18,557
556.00	22,508

Cherrywood Parc Phase 5 - Hydraulic Calculations

Project Number: 96-0306-01

Date: 3/12/97

												DEPTH				FRICT			VEL								BYPASS		TOTAL	PIPE
							FL	FL	FL	STRUCT TOPS		HYD	HYD	HYD	HYD	HEAD			HEAD	TURN	TURN	TURN	TURN	STREE		DRNG		AND			
UPPER	LOWER	LENGTH	SIZE	N	TYPE	AREA	GRADE	UPPER	LOWER	UPPER	LOWER	GRADE	UPPER	LOWER	GRADE	LOSS	VEL	V2/2G	LOSS	LOSS	LOSS	LOSS	LOSS	GRADE	CAP	AREA	PI	INFLOW	Q	Q	CAP
														567.38																
AI 5-10	DCI 5-9	103.00	12	0.012	ADS	0.7854	0.015	566.48	564.94	570.50	571.58	3.12	567.001	565.96	0.010096	1.04	4.9378	0.3786	0.38	0.00					11.00	1.469	2.64	0.00	3.88	3.88	4.73
DCI 5-9	CI 5-8	117.10	18	0.013	RCP	1.7671	0.01	564.73	563.56	571.58	570.61	5.62	565.615	565.06	0.004742	0.555	4.0934	0.2602	0.08	0.27				2.00%	6.60	1.271	2.64	0.00	3.36	7.23	10.50
CI 5-8	CI 5-7	103.30	18	0.013	RCP	1.7671	0.01	563.36	562.33	570.61	569.60	5.55	564.654	563.83	0.007978	0.824	5.3094	0.4377	0.32	0.09				0.00%	4.00	0.814	2.64	0.00	2.15	9.38	10.50
CI 5-7	AI 5-6	132.00	18	0.013	RCP	1.7671	0.034	562.13	557.64	569.60	562.40	5.77	561.433	559.35	0.015785	2.084	7.4682	0.8661	0.74	0.19				0.00%	4.00	1.445	2.64	0.00	3.81	13.20	19.37
AI 5-6	CI 5-5	112.00	24	0.013	RCP	3.1416	0.02	557.45	555.21	562.40	561.63	3.05	558.59	557.21	0.01232	1.38	7.9928	0.992	0.64	0.00	0.12				11.00	3.073	2.64	3.80	8.11	25.11	31.99
CI 5-5	CI 5-4	34.00	24	0.013	RCP	3.1416	0.04	555.01	553.65	561.63	561.63	4.42	556.596	556.06	0.015738	0.535	9.0336	1.2672	0.52	0.00				0.00%	4.00	1.231	2.64	0.02	3.25	28.38	45.24
CI 5-4	FE 5-3	144.00	24	0.013	RCP	3.1416	0.021	553.45	550.43	561.63		5.57	555.558	552.82	0.019014	2.738	9.9294	1.531	0.50	0.00				0.00%	4.00	1.066	2.64	0.00	2.81	31.19	32.78
														561.82																
AI 5-17	AI 5-6	398.00	12	0.012	ADS	0.7854	0.0156	564.22	558.01	568.60	562.40	6.78	561.46	557.61	0.009674	3.85	4.8336	0.3628	0.36	0.00					8.25	1.438	2.64	0.00	3.80	3.80	4.82
														586.85																
AI 5-14	AI 5-13	382.91	24	0.013	RCP	3.1416	0.03	584.5	573.01	590.40	580.60	3.55	586.494	575.24	0.029403	11.26	12.348	2.3675	0.36	0.00					8.25	1.080	2.64	35.94	2.85	38.79	39.18
AI 5-13	AI 5-12	280.65	24	0.013	RCP	3.1416	0.034	572.81	563.27	580.60	572.00	5.36	574.623	565.27	0.033328	9.353	13.146	2.6835	0.61	0.00					8.25	0.441	2.64	1.34	1.16	41.30	41.71
AI 5-12	FE 5-11	402.83	27	0.013	RCP	3.9761	0.0312	563.07	550.50	572.00		6.73	561.96	552.82	0.02269	9.14	11.733	2.1377	0.09	0.00	0.09				8.25	0.622	2.64	3.71	1.64	46.65	54.70
														566.70																
CI 5-16	SCI 5-15	34.00	15	0.013	RCP	1.2272	0.01	565.75	565.41	570.16	570.16	3.46	566.679	566.66	0.000561	0.019	1.247	0.0241	0.02	0.00				3.09%	1.53	0.588	2.64	-0.02	1.55	1.53	6.46
SCI 5-15	AI 5-12	114.00	15	0.012	ADS	1.2272	0.01	565.21	564.07	570.16	571.90	3.50	565.596	565.32	0.002419	0.276	2.8045	0.1221	0.15	0.00				3.09%	2.50	0.724	2.64	0.00	1.91	3.44	7.00
														579.19																
AI 5-19	AI 5-18	190.59	12	0.012	ADS	0.7854	0.0206	579.68	575.75	582.80	578.80	3.61	578.795	576.75	0.010728	2.045	5.0901	0.4023	0.40	0.00					5.50	0.984	2.64	1.40	2.60	4.00	5.54
AI 5-18	EX AI 4-18	228.34	15	0.012	ADS	1.2272	0.02	572.54	567.97	578.80	572.50	2.05	570.171	569.22	0.004163	0.951	3.6793	0.2102	0.11	0.00	0.28				5.50	0.196	2.64	0.00	0.52	4.52	9.90
														552.13																
OS 2	FE 5-1	50.57	36	0.013	RCP	7.0686	0.0178	548.7	547.80	553.59		1.46	551.156	550.80	0.007036	0.356	7.9147	0.9727	0.97	0.00						15.953	2.64	13.83	42.12	55.95	88.99

2 yr

```
*****************************************
*                                       *
*  RECTANGULAR ORIFICE                  *
*   12 in W X 24 in H   ELEV= 548.7     *
*                                       *
*  Outlet Pipe -  50.57 ft - 36 in pipe *
*  UFL= 548.7  LFL= 547.8   n= .013     *
*                                       *
*  Overflow Structure -  Box Structure  *
*  PERIMETER= 10 ft/SILL ELEV= 553.59   *
*                                       *
*****************************************
```

CHERRYWOOD PARC SUBMITTAL DATE:

MIN	INFLOW	STORAGE	OUTFLOW	NET DET.	ELEV.
1	102.81	102.81	0.00	102.81	548.72
2	205.62	308.43	0.42	308.01	548.76
3	308.43	616.44	2.20	614.24	548.82
4	411.24	1025.48	6.18	1019.30	548.89
5	514.05	1533.35	13.23	1520.12	548.99
6	616.86	2136.98	24.08	2112.90	549.10
7	719.67	2832.57	39.47	2793.10	549.23
8	822.48	3615.58	59.99	3555.59	549.37
9	925.29	4480.88	86.16	4394.72	549.53
10	1028.10	5422.82	118.40	5304.43	549.70
11	1130.91	6435.34	157.00	6278.34	549.89
12	1233.72	7512.06	202.15	7309.91	550.03
13	1336.53	8646.44	240.60	8405.84	550.12
14	1439.34	9845.18	264.31	9580.87	550.21
15	1542.15	11123.02	290.54	10832.49	550.31
16	1644.96	12477.45	319.37	12158.08	550.42
17	1747.77	13905.85	350.88	13554.97	550.53
18	1850.58	15405.55	385.15	15020.40	550.64
19	1953.39	16973.79	422.21	16551.58	550.76
20	2056.20	18607.78	605.56	18002.22	550.88
21	1953.39	19955.61	637.28	19318.33	550.98
22	1850.58	21168.91	664.75	20504.16	551.07
23	1747.77	22251.93	688.56	21563.37	551.16
24	1644.96	23208.33	709.14	22499.18	551.23
25	1542.15	24041.33	726.86	23314.47	551.30
26	1439.34	24753.81	741.95	24011.87	551.35
27	1336.53	25348.40	754.60	24593.80	551.40
28	1233.72	25827.52	765.01	25062.52	551.43
29	1130.91	26193.43	773.29	25420.14	551.46
30	1028.10	26448.24	779.54	25668.70	551.48
31	925.29	26593.99	783.87	25810.12	551.49
32	822.48	26632.60	786.32	25846.28	551.49
33	719.67	26565.95	786.94	25779.01	551.49
34	616.86	26395.87	785.77	25610.10	551.48
35	514.05	26124.15	782.86	25341.29	551.45
36	411.24	25752.53	778.18	24974.35	551.43
37	308.43	25282.78	771.74	24511.04	551.39
38	205.62	24716.66	763.53	23953.13	551.35
39	102.81	24055.94	753.55	23302.39	551.29
40	0.00	23302.39	741.72	22560.67	551.24

3)

5 yr

```
*****************************************
*                                       *
*  RECTANGULAR ORIFICE                  *
*   12 in W X 24 in H   ELEV= 548.7     *
*                                       *
*  Outlet Pipe -  50.57 ft - 36 in pipe *
*  UFL= 548.7  LFL= 547.8   n= .013     *
*                                       *
*  Overflow Structure -  Box Structure  *
*  PERIMETER= 10 ft/SILL ELEV= 553.59   *
*                                       *
*****************************************
```

CHERRYWOOD PARC SUBMITTAL DATE:

MIN	INFLOW	STORAGE	OUTFLOW	NET DET.	ELEV.
1	140.28	140.28	0.00	140.28	548.73
2	280.56	420.84	0.67	420.17	548.78
3	420.84	841.01	3.50	837.51	548.86
4	561.12	1398.63	9.85	1388.78	548.96
5	701.40	2090.18	21.03	2069.15	549.09
6	841.68	2910.83	38.25	2872.58	549.24
7	981.96	3854.54	62.56	3791.98	549.42
8	1122.24	4914.22	94.89	4819.33	549.61
9	1262.52	6081.85	135.96	5945.89	549.83
10	1402.80	7348.69	186.31	7162.38	550.02
11	1543.08	8705.46	237.47	8467.99	550.13
12	1683.36	10151.35	265.67	9885.68	550.24
13	1823.64	11709.32	297.47	11411.85	550.36
14	1963.92	13375.77	333.03	13042.74	550.49
15	2104.20	15146.94	372.46	14774.48	550.62
16	2244.48	17018.96	415.91	16603.05	550.77
17	2384.76	18987.81	606.70	18381.11	550.91
18	2525.04	20906.15	645.30	20260.85	551.05
19	2665.32	22926.17	683.74	22242.43	551.21
20	2805.60	25048.03	722.03	24326.00	551.37
21	2665.32	26991.32	760.24	26231.08	551.52
22	2525.04	28756.12	793.56	27962.56	551.66
23	2384.76	30347.32	822.67	29524.65	551.78
24	2244.48	31769.13	848.07	30921.06	551.89
25	2104.20	33025.26	870.16	32155.10	551.99
26	1963.92	34119.02	889.22	33229.80	552.06
27	1823.64	35053.44	902.01	34151.43	552.11
28	1683.36	35834.79	912.52	34922.27	552.16
29	1543.08	36465.35	921.20	35544.15	552.20
30	1402.80	36946.95	928.16	36018.79	552.22
31	1262.52	37281.31	933.42	36347.89	552.24
32	1122.24	37470.13	937.06	36533.08	552.26
33	981.96	37515.04	939.10	36575.94	552.26
34	841.68	37417.62	939.57	36478.05	552.25
35	701.40	37179.45	938.49	36240.96	552.24
36	561.12	36802.08	935.87	35866.21	552.22
37	420.84	36287.05	931.74	35355.32	552.19
38	280.56	35635.88	926.04	34709.84	552.15
39	140.28	34850.12	918.82	33931.31	552.10
40	0.00	33931.31	910.02	33021.29	552.05

15 YR

```
*****************************************
*                                       *
*  RECTANGULAR ORIFICE                  *
*   12 in W X 24 in H   ELEV= 548.7     *
*                                       *
*  Outlet Pipe -  50.57 ft - 36 in pipe *
*  UFL= 548.7  LFL= 547.8   n= .013     *
*                                       *
*  Overflow Structure -  Box Structure  *
*  PERIMETER= 10 ft/SILL ELEV= 553.59   *
*                                       *
*****************************************
```

CHERRYWOOD PARC SUBMITTAL DATE:

MIN	INFLOW	STORAGE	OUTFLOW	NET DET.	ELEV.
1	167.82	167.82	0.00	167.82	548.73
2	335.64	503.46	0.88	502.58	548.80
3	503.46	1006.04	4.58	1001.46	548.89
4	671.28	1672.74	12.88	1659.86	549.01
5	839.10	2498.96	27.48	2471.48	549.17
6	1006.92	3478.40	49.93	3428.47	549.35
7	1174.74	4603.21	81.58	4521.63	549.56
8	1342.56	5864.19	123.55	5740.64	549.79
9	1510.38	7251.02	176.76	7074.26	550.02
10	1678.20	8752.46	235.60	8516.86	550.13
11	1846.02	10362.88	266.75	10096.13	550.25
12	2013.84	12109.97	302.30	11807.67	550.39
13	2181.66	13989.33	342.45	13646.88	550.53
14	2349.48	15996.36	387.43	15608.93	550.69
15	2517.30	18126.23	437.42	17688.81	550.85
16	2685.12	20373.93	630.55	19743.38	551.01
17	2852.94	22596.32	673.37	21922.95	551.19
18	3020.76	24943.71	716.00	24227.71	551.37
19	3188.58	27416.29	758.48	26657.81	551.56
20	3356.40	30014.21	800.83	29213.39	551.76
21	3188.58	32401.97	843.08	31558.89	551.94
22	3020.76	34579.65	880.06	33699.58	552.09
23	2852.94	36552.52	907.38	35645.14	552.20
24	2685.12	38330.26	929.28	37400.98	552.31
25	2517.30	39918.28	948.60	38969.68	552.40
26	2349.48	41319.16	965.54	40353.62	552.48
27	2181.66	42535.28	980.24	41555.04	552.56
28	2013.84	43568.88	992.82	42576.06	552.62
29	1846.02	44422.08	1003.39	43418.69	552.67
30	1678.20	45096.89	1012.04	44084.85	552.71
31	1510.38	45595.23	1018.82	44576.41	552.74
32	1342.56	45918.97	1023.80	44895.17	552.76
33	1174.74	46069.91	1027.00	45042.91	552.77
34	1006.92	46049.83	1028.49	45021.34	552.76
35	839.10	45860.44	1028.27	44832.17	552.75
36	671.28	45503.46	1026.37	44477.09	552.73
37	503.46	44980.55	1022.79	43957.76	552.70
38	335.64	44293.40	1017.53	43275.88	552.66
39	167.82	43443.70	1010.58	42433.12	552.61
40	0.00	42433.12	1001.92	41431.20	552.55

25-YR

```
*******************************************
*                                         *
*  RECTANGULAR ORIFICE                    *
*   12 in W X 24 in H   ELEV= 548.7       *
*                                         *
*  Outlet Pipe -  50.57 ft - 36 in pipe   *
*  UFL= 548.7  LFL= 547.8   n= .013       *
*                                         *
*  Overflow Structure -  Box Structure    *
*  PERIMETER= 10 ft/SILL ELEV= 553.59     *
*                                         *
*******************************************
```

25 YEAR SUBMITTAL DATE:

MIN	INFLOW	STORAGE	OUTFLOW	NET DET.	ELEV.
1	235.00	235.00	0.00	235.00	548.74
2	470.00	705.00	1.46	703.54	548.83
3	705.00	1408.54	7.58	1400.96	548.97
4	940.00	2340.96	21.31	2319.65	549.14
5	1175.00	3494.65	45.40	3449.25	549.35
6	1410.00	4859.25	82.32	4776.93	549.60
7	1645.00	6421.93	134.16	6287.77	549.89
8	1880.00	8167.77	202.62	7965.15	550.09
9	2115.00	10080.15	254.68	9825.47	550.23
10	2350.00	12175.47	296.11	11879.36	550.39
11	2585.00	14464.36	344.18	14120.18	550.57
12	2820.00	16940.18	399.31	16540.87	550.76
13	3055.00	19595.87	605.31	18990.56	550.95
14	3290.00	22280.56	658.01	21622.55	551.16
15	3525.00	25147.55	710.29	24437.27	551.38
16	3760.00	28197.27	762.22	27435.05	551.62
17	3995.00	31430.05	813.91	30616.14	551.87
18	4230.00	34846.14	865.38	33980.76	552.10
19	4465.00	38445.76	910.58	37535.19	552.32
20	4700.00	42235.19	950.06	41285.13	552.54
21	4465.00	45750.13	990.02	44760.11	552.75
22	4230.00	48990.11	1025.65	47964.46	552.94
23	3995.00	51959.46	1057.44	50902.03	553.12
24	3760.00	54662.03	1085.77	53576.26	553.28
25	3525.00	57101.26	1110.94	55990.33	553.42
26	3290.00	59280.33	1133.17	58147.16	553.55
27	3055.00	61202.16	1152.67	60049.49	553.66
28	2820.00	62869.49	1202.40	61667.10	553.76
29	2585.00	64252.10	1301.37	62950.73	553.84
30	2350.00	65300.73	1400.07	63900.67	553.90
31	2115.00	66015.68	1486.33	64529.35	553.93
32	1880.00	66409.35	1545.75	64863.60	553.95
33	1645.00	66508.60	1583.30	64925.30	553.96
34	1410.00	66335.30	1589.47	64745.83	553.95
35	1175.00	65920.83	1571.45	64349.38	553.92
36	940.00	65289.38	1528.38	63760.99	553.89
37	705.00	64465.99	1473.56	62992.43	553.84
38	470.00	63462.43	1406.16	62056.27	553.78

39	235.00	62291.27	1329.58	60961.69	553.72
40	0.00	60961.69	1253.22	59708.47	553.64

PEAK OUTFLOW= 26.49 CFS AT 34 MINUTES

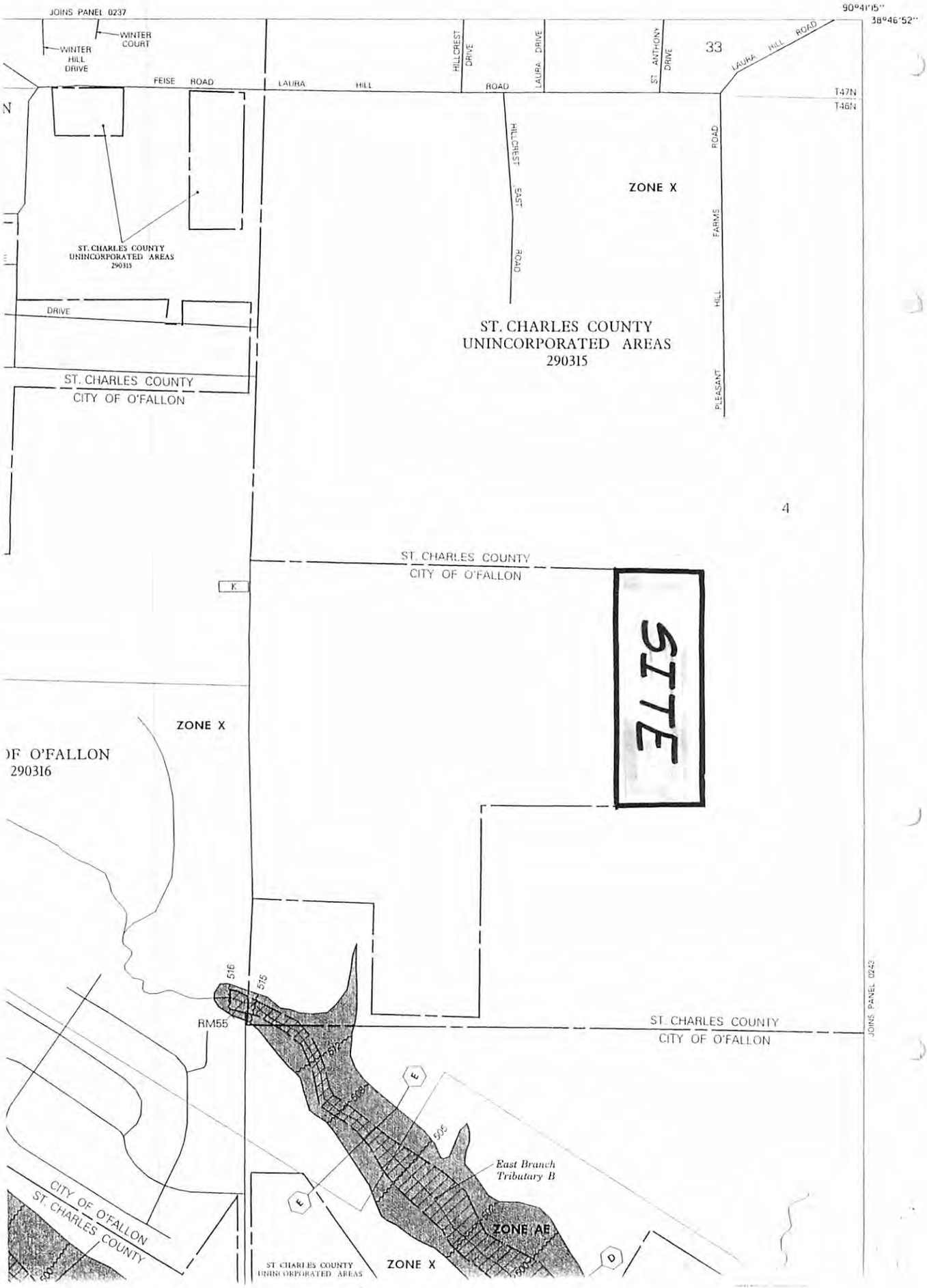
```
*******************************************
*                                         *
*  RECTANGULAR ORIFICE                    *
*   12 in W X 24 in H   ELEV= 548.7       *
*                                         *
*  Outlet Pipe -  50.57 ft - 36 in pipe   *
*  UFL= 548.7  LFL= 547.8   n= .013       *
*                                         *
*  Overflow Structure -  Box Structure    *
*  PERIMETER= 10 ft/SILL ELEV= 553.59     *
*                                         *
*******************************************
```

100 YEAR SUBMITTAL DATE:

MIN	INFLOW	STORAGE	OUTFLOW	NET DET.	ELEV.
1	332.60	332.60	0.00	332.60	548.76
2	665.20	997.80	2.47	995.33	548.89
3	997.80	1993.13	12.76	1980.37	549.07
4	1330.40	3310.77	35.82	3274.96	549.32
5	1663.00	4937.96	76.16	4861.80	549.62
6	1995.60	6857.40	137.77	6719.64	549.97
7	2328.20	9047.84	223.84	8824.00	550.15
8	2660.80	11484.80	273.55	11211.25	550.34
9	2993.40	14204.65	328.28	13876.37	550.55
10	3326.00	17202.37	393.17	16809.20	550.78
11	3658.60	20467.80	611.30	19856.49	551.02
12	3991.20	23847.69	675.65	23172.04	551.28
13	4323.80	27495.84	739.33	26756.51	551.57
14	4656.40	31412.91	802.51	30610.41	551.87
15	4989.00	35599.41	865.29	34734.12	552.15
16	5321.60	40055.72	919.09	39136.63	552.41
17	5654.20	44790.83	967.33	43823.51	552.69
18	5986.80	49810.31	1016.17	48794.14	552.99
19	6319.40	55113.54	1065.52	54048.02	553.30
20	6652.00	60700.02	1115.32	59584.71	553.64
21	6319.40	65904.11	1181.70	64722.41	553.94
22	5986.80	70709.21	1569.12	69140.10	554.17
23	5654.20	74794.31	2023.57	72770.75	554.35
24	5321.60	78092.35	2499.41	75592.94	554.48
25	4989.00	80581.94	2887.64	77694.30	554.59
26	4656.40	82350.71	3206.97	79143.73	554.66
27	4323.80	83467.53	3435.98	80031.54	554.70
28	3991.20	84022.74	3572.25	80450.50	554.72
29	3658.60	84109.10	3637.42	80471.68	554.72
30	3326.00	83797.68	3640.75	80156.93	554.71
31	2993.40	83150.32	3591.70	79558.62	554.68
32	2660.80	82219.43	3499.37	78720.05	554.64
33	2328.20	81048.25	3358.81	77689.46	554.59
34	1995.60	79685.06	3206.23	76478.82	554.53
35	1663.00	78141.82	3010.85	75130.97	554.46
36	1330.40	76461.37	2824.60	73636.78	554.39
37	997.80	74634.57	2609.67	72024.90	554.31
38	665.20	72690.10	2375.19	70314.91	554.23

39	332.60	70647.51	2150.09	68497.43	554.14
40	0.00	68497.43	1943.11	66554.31	554.04

PEAK OUTFLOW= 60.68 CFS AT 30 MINUTES


JOINS PANEL 0237
WINTER COURT
WINTER HILL DRIVE
FEISE ROAD
LAURA HILL ROAD
HILLCREST DRIVE
LAURA DRIVE
ST. ANTHONY DRIVE
33
LAURA HILL ROAD
90°41'15"
38°46'52"
T47N
T46N
HILLCREST EAST ROAD
PLEASANT HILL FARMS ROAD
ZONE X
ST. CHARLES COUNTY
UNINCORPORATED AREAS
290315
DRIVE
ST. CHARLES COUNTY
CITY OF O'FALLON
4
K
SITE
ZONE X
OF O'FALLON
290316
516
515
RM55
ST. CHARLES COUNTY
CITY OF O'FALLON
JOINS PANEL 0242
East Branch
Tributary B
ZONE AE
CITY OF O'FALLON
ST. CHARLES COUNTY
ST. CHARLES COUNTY
UNINCORPORATED AREAS
ZONE X
E
D