

Town of Niagara-on-the-Lake Scale 1:2,000
One Mile Creek and Epps Drain
100 Year Regulatory Floodplain
Mapping

100 50 0 100 200 300 400 Meters

PRODUCED BY THE
 Niagara Peninsula Conservation Authority
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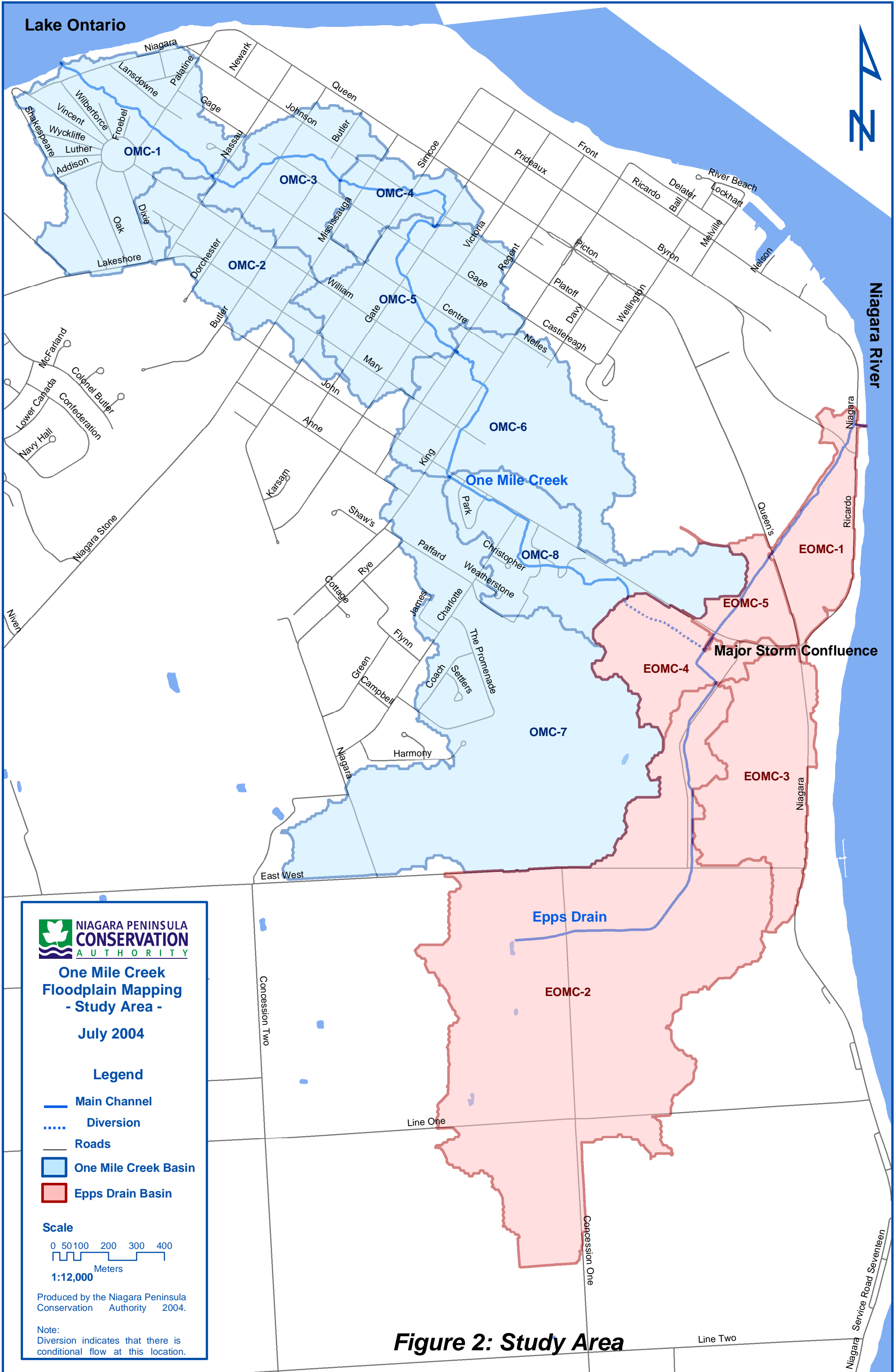
DISCLAIMER
 Digital Elevation Model and Orthoimage provided by
 First Base Solutions Inc. 2002. Draft contours auto-generated
 from DEM rendering of raw elevation data, they have not
 been processed for cartographic quality

NOTES
 North American Datum 1987
 Universal Transmercator (6°) Projection
 Zone 17, Central Meridian 81° W

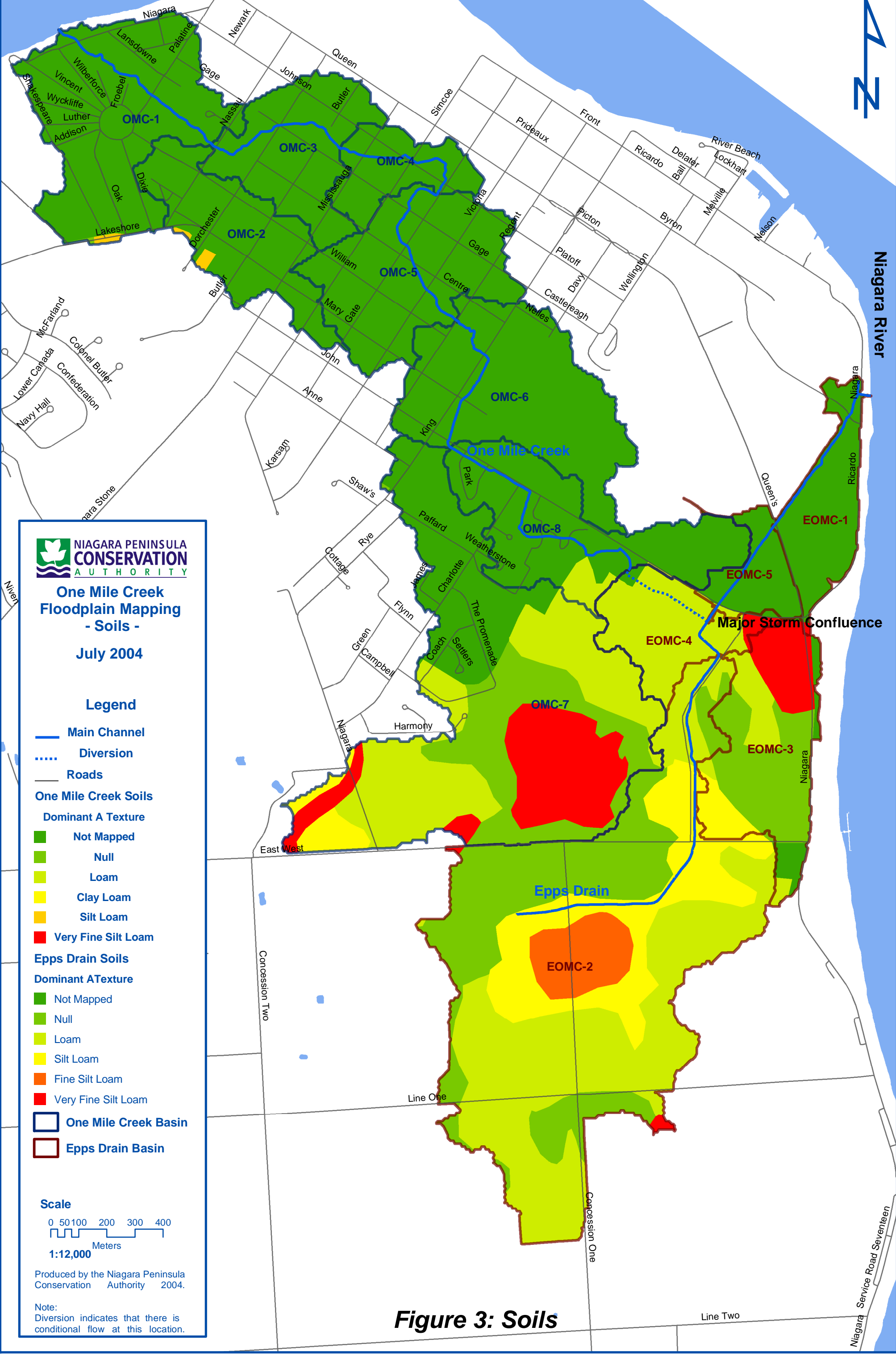
LEGEND

- 100 Year Storm Floodline
- Roads
- Station, 100 Yr. Flood Elevation
- Contours - 0.5m Interval
- Watercourses

Date, August 2004



Lake Ontario



**One Mile Creek
Floodplain Mapping
- Soils -
July 2004**

Legend

- Main Channel
- Diversion
- Roads

One Mile Creek Soils

- Dominant A Texture**
- Not Mapped
 - Null
 - Loam
 - Clay Loam
 - Silt Loam
 - Very Fine Silt Loam

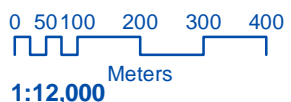
Epps Drain Soils

- Dominant A Texture**
- Not Mapped
 - Null
 - Loam
 - Silt Loam
 - Fine Silt Loam
 - Very Fine Silt Loam

One Mile Creek Basin

Epps Drain Basin

Scale



1:12,000

Produced by the Niagara Peninsula Conservation Authority 2004.

Note:
Diversion indicates that there is conditional flow at this location.

Figure 3: Soils

Niagara River

Niagara Service Road Seventeen

Line Two

Line One

Concession One

Concession Two

East West

Epps Drain

Major Storm Confluence

One Mile Creek

OMC-1

OMC-3

OMC-4

OMC-2

OMC-5

OMC-6

OMC-8

OMC-7

EOMC-2

EOMC-4

EOMC-5

EOMC-1

EOMC-3

Niagara

Lansdowne

Palatine

Wilberforce

Vincent

Wyckliffe

Luther

Addison

Oak

Dixie

Lakeshore

Dorchester

Butler

McFarland

Lower Carhada

Confederation

Navy Hall

Para Stone

Karsam

Shaw's

Rye

Cottage

Green

Campbell

Niagara

Harmony

James

Coach

Flynn

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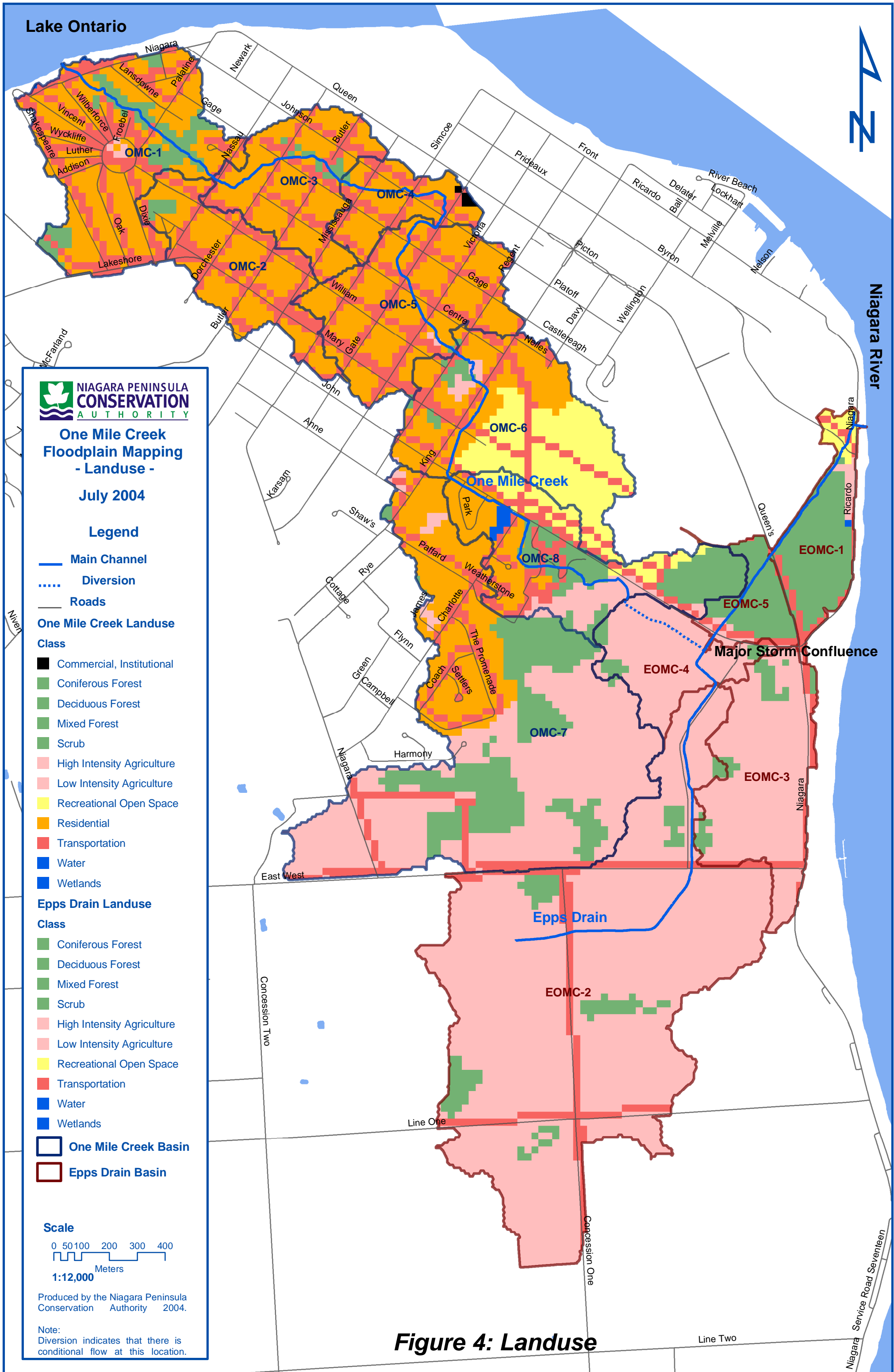
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EOMC-3

E





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Ontario

MTO
Drainage Management Manual



Drainage and Hydrology Section
Transportation Engineering Branch
Quality and Standards Division

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Chapter 8

Hydrology, Hydraulics and Stormwater Quality

Drainage and Hydrology Section
Transportation Engineering Branch
Quality and Standards Division

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Transposition of Flood Discharges

Sometimes it is necessary to transpose a discharge from a gauging station to another point on the same stream or to an adjacent basin where the discharge is unknown. If the basins have similar characteristic, instantaneous peak discharges can be transposed directly using the expression

$$Q_2 = Q_1 \left(\frac{A_2}{A_1} \right)^{0.75} \quad (8.31)$$

Where:

- Q_1 = known peak discharge
- Q_2 = unknown peak discharge
- A_1 = known basin area
- A_2 = unknown basin area

This expression is based on the modified index flood method. If the basins have significantly different hydrologic characteristics, it would be preferable to use the modified index flood method directly, possibly using the transposed figure as a check.

Where two or more gauging stations are available in a reasonably homogeneous watershed, the discharge corresponding to a given frequency at each station can be plotted on logarithmic paper and the required discharge interpolated or extrapolated, within reasonable limits.

Appendix - B

Hydraulic Analysis Results

NPCA ORIGINAL Hydraulic Analysis Results

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl	Vel Left (m/s)	Vel Right (m/s)	Vel Total (m/s)	Vol Chan (1000 m ³)
One Mile Creek	Main Branch	4320.036	PF 1	0.94	89.29	89.77		89.77	0.000188	0.22	21.72	130.38	0.10	0.04	0.04	0.04	18.30
One Mile Creek	Main Branch	4284.635	PF 1	0.94	89.29	89.76		89.76	0.000374	0.31	16.13	118.45	0.14	0.04	0.06	0.06	18.29
One Mile Creek	Main Branch	4255.129	PF 1	0.94	89.29	89.76		89.76	0.00049	0.11	30.32	109.49	0.05	0.03	0.03	0.03	18.28
One Mile Creek	Main Branch	4228.834	PF 1	0.94	89.29	89.76	89.68	89.76	0.000125	0.18	21.44	100.58	0.08	0.04	0.04	0.04	18.27
One Mile Creek	Main Branch	4218.008	Culvert														
One Mile Creek	Main Branch	4207.191	PF 1	0.94	89.33	89.68	89.68	89.68	0.000071	0.11	28.49	136.96	0.06	0.03	0.04	0.03	18.16
One Mile Creek	Main Branch	4196.053	PF 1	0.94	89.34	89.64		89.64	0.000114	0.13	24.98	132.88	0.07	0.03	0.04	0.04	18.15
One Mile Creek	Main Branch	4160.767	PF 1	0.94	89.67	89.64		89.64	0.000342		14.26	72.53	0.00	0.07	0.03	0.07	18.15
One Mile Creek	Main Branch	4123.219	PF 1	0.94	89.21	89.63		89.63	0.000044	0.10	31.99	128.01	0.05	0.03	0.02	0.03	18.15
One Mile Creek	Main Branch	4089.79	PF 1	0.94	89.25	89.63		89.63	0.000067	0.11	25.75	93.84	0.06	0.04	0.03	0.04	18.14
One Mile Creek	Main Branch	4047.695	PF 1	0.94	89.31	89.63		89.63	0.000183	0.17	21.58	126.75	0.09	0.05	0.04	0.04	18.13
One Mile Creek	Main Branch	3994.202	PF 1	0.94	89.49	89.60		89.60	0.003284	0.35	7.27	73.10	0.33	0.09	0.14	0.13	18.13
One Mile Creek	Main Branch	3965.177	PF 1	0.94	89.34	89.54		89.54	0.001450	0.35	10.01	86.52	0.25	0.10	0.08	0.09	18.12
One Mile Creek	Main Branch	3938.205	PF 1	0.94	89.62	89.39	89.39	89.42	0.125269		1.68	35.27	0.00	0.32	0.71	0.56	18.12
One Mile Creek	Main Branch	3905.673	PF 1	0.94	88.87	89.24		89.24	0.000463	0.29	10.91	46.06	0.15	0.09	0.07	0.09	18.12
One Mile Creek	Main Branch	3885.796	PF 1	0.94	88.85	89.21		89.22	0.003598	0.80	4.27	22.67	0.43	0.20	0.19	0.22	18.12
One Mile Creek	Main Branch	3869.557	PF 1	0.94	88.80	89.02	89.02	89.07	0.040781	1.92	1.68	14.87	1.31	0.48	0.43	0.56	18.11
One Mile Creek	Main Branch	3849.76	PF 1	0.94	88.56	88.89		88.89	0.001608	0.48	6.80	42.50	0.28	0.08	0.14	0.14	18.11
One Mile Creek	Main Branch	3795.061	PF 1	0.94	88.36	88.77		88.78	0.002920	0.74	4.82	28.80	0.38	0.21	0.15	0.20	18.10
One Mile Creek	Main Branch	3774.079	PF 1	0.94	88.29	88.64		88.67	0.011417	1.38	2.42	14.68	0.75	0.31	0.31	0.39	18.09
One Mile Creek	Main Branch	3759.561	PF 1	0.94	88.14	88.57		88.58	0.003541	0.87	3.77	17.24	0.43	0.22	0.19	0.25	18.09
One Mile Creek	Main Branch	3737.17	PF 1	0.94	87.74	88.57		88.57	0.000048	0.16	19.38	35.45	0.06	0.05	0.05	0.05	18.08
One Mile Creek	Main Branch	3716.047	PF 1	0.94	88.04	88.57		88.57	0.000668	0.44	6.87	20.79	0.20	0.13	0.10	0.14	18.07
One Mile Creek	Main Branch	3708.046	PF 1	0.94	88.03	88.56		88.56	0.001411	0.63	4.83	15.59	0.28	0.18	0.15	0.20	18.07
One Mile Creek	Main Branch	3693.366	PF 1	0.94	87.92	88.51		88.53	0.003355	1.05	2.91	10.09	0.44	0.25	0.24	0.32	18.07
One Mile Creek	Main Branch	3690.253	PF 1	0.94	87.92	88.50		88.52	0.003008	0.99	3.18	11.24	0.42	0.24	0.22	0.30	18.07
One Mile Creek	Main Branch	3683.188	PF 1	0.94	87.89	88.48		88.50	0.002447	0.90	3.74	14.04	0.38	0.20	0.20	0.25	18.07
One Mile Creek	Main Branch	3674.391	PF 1	0.94	87.85	88.47		88.48	0.002059	0.85	3.97	14.78	0.35	0.20	0.18	0.24	18.06
One Mile Creek	Main Branch	3669.178	PF 1	0.94	87.85	88.43		88.46	0.004787	1.21	2.23	7.20	0.52	0.26	0.32	0.42	18.06
One Mile Creek	Main Branch	3646.63	PF 1	0.94	87.58	88.14	88.12	88.27	0.014897	2.04	1.09	3.87	0.90	0.46	0.47	0.86	18.05
One Mile Creek	Main Branch	3640.382	PF 1	0.94	87.48	88.02	88.02	88.17	0.018288	2.19	1.02	3.81	0.99	0.49	0.50	0.92	18.05
One Mile Creek	Main Branch	3600.767	PF 1	0.94	87.61	87.99		87.99	0.000538	0.31	9.55	36.79	0.17	0.10	0.08	0.10	18.04
One Mile Creek	Main Branch	3563.998	PF 1	0.94	87.48	87.88	87.83	87.93	0.013452	1.60	1.78	8.65	0.82	0.35	0.39	0.53	18.04
One Mile Creek	Main Branch	3515.641	PF 1	0.94	87.25	87.51		87.52	0.005605	0.77	3.39	17.04	0.49	0.16	0.26	0.28	18.03
One Mile Creek	Main Branch	3457.613	PF 1	0.94	86.88	87.24		87.25	0.004005	0.83	3.94	20.17	0.45	0.20	0.22	0.24	18.02
One Mile Creek	Main Branch	3413.053	PF 1	0.94	86.66	87.12		87.12	0.002117	0.71	4.86	21.37	0.34	0.17	0.17	0.19	18.01
One Mile Creek	Main Branch	3355.139	PF 1	0.94	86.57	86.96		86.96	0.003724	0.83	4.66	29.85	0.43	0.20	0.17	0.20	18.00
One Mile Creek	Main Branch	3339.915	PF 1	0.94	86.48	86.92		86.92	0.001787	0.62	5.92	29.90	0.30	0.14	0.14	0.16	17.99
One Mile Creek	Main Branch	3333.782	PF 1	0.94	86.47	86.89	86.83	86.91	0.004303	0.95	3.97	24.79	0.47	0.23	0.18	0.24	17.99
One Mile Creek	Main Branch	3323.242	Culvert														
One Mile Creek	Main Branch	3312.704	PF 1	0.94	86.37	86.79	86.74	86.81	0.005543	1.07	4.00	29.73	0.53	0.24	0.19	0.24	17.94
One Mile Creek	Main Branch	3303.71	PF 1	0.94	86.36	86.79		86.79	0.000826	0.41	8.39	37.45	0.20	0.09	0.11	0.11	17.94
One Mile Creek	Main Branch	3286.922	PF 1	0.94	86.30	86.77		86.78	0.000734	0.41	9.47	47.17	0.20	0.09	0.09	0.10	17.94
One Mile Creek	Main Branch	3267.146	PF 1	0.94	86.33	86.75		86.76	0.001713	0.60	6.79	40.52	0.30	0.14	0.12	0.14	17.94
One Mile Creek	Main Branch	3261.972	PF 1	0.94	86.33	86.74	86.61	86.75	0.002024	0.64	6.05	34.41	0.32	0.15	0.14	0.16	17.93
One Mile Creek	Main Branch	3254.574	Culvert														
One Mile Creek	Main Branch	3247.177	PF 1	0.94	86.16	86.74	86.53	86.74	0.000965	0.56	6.76	26.97	0.24	0.12	0.12	0.14	17.87
One Mile Creek	Main Branch	3241.714	PF 1	0.94	86.16	86.74		86.74	0.000703	0.47	7.63	27.92	0.20	0.11	0.11	0.12	17.87
One Mile Creek	Main Branch	3238.154	PF 1	0.94	86.14	86.73		86.74	0.000605	0.45	8.10	29.01	0.19	0.11	0.10	0.12	17.87
One Mile Creek	Main Branch	3234.898	PF 1	0.94	86.13	86.73		86.73	0.000545	0.43	8.35	28.80	0.19	0.10	0.10	0.11	17.87
One Mile Creek	Main Branch	3230.906	PF 1	0.94	86.12	86.73	86.43	86.73	0.000600	0.45	7.96	27.59	0.18	0.11	0.11	0.12	17.87
One Mile Creek	Main Branch	3224.992	Culvert														
One Mile Creek	Main Branch	3219.079	PF 1	0.94	86.01	86.73	86.31	86.73	0.000273	0.34	10.23	28.91	0.13	0.08	0.08	0.09	17.76
One Mile Creek	Main Branch	3213.738	PF 1	0.94	86.02	86.73		86.73	0.000148	0.25	12.57	30.96	0.10	0.06	0.07	0.07	17.76
One Mile Creek	Main Branch	3208.049	PF 1	0.94	86.02	86.73		86.73	0.000113	0.22	14.18	31.77	0.08	0.05	0.06	0.07	17.76
One Mile Creek	Main Branch	3203.953	PF 1	0.94	86.03	86.73		86.73	0.000123	0.22	13.93	31.93	0.09	0.05	0.06	0.07	17.76
One Mile Creek	Main Branch	3198.366	PF 1	0.94	86.03	86.57	86.57	86.71	0.017755	2.16	1.05	21.34	0.97	0.48	0.50	0.90	17.76
One Mile Creek	Main Branch	3185.724	Culvert														
One Mile Creek	Main Branch	3173.083	PF 1	0.94	85.93	86.55	86.18	86.56	0.001669	0.77	3.01	28.96	0.31	0.16	0.29	0.31	17.72
One Mile Creek	Main Branch	3165.263	PF 1	0.94	85.95	86.55		86.55	0.000200	0.26	11.76	30.11	0.11	0.06	0.08	0.08	17.72
One Mile Creek	Main Branch	3150.161	PF 1	0.94	85.88	86.55		86.55	0.000179	0.27	12.38	31.75	0.11	0.07	0.07	0.08	17.72
One Mile Creek	Main Branch	3131.937	PF 1	0.94	85.82	86.55		86.55	0.000114	0.23	16.02	42.88	0.08	0.05	0.06	0.06	17.71
One Mile Creek	Main Branch	3120.049	PF 1	0.94	85.81	86.55		86.55	0.000121	0.24	15.63	42.51	0.09	0.05	0.06	0.06	17.70
One Mile Creek	Main Branch	3111.347	PF 1	0.94	85.81	86.53	86.18	86.54	0.001311	0.75	3.08	35.37	0.29	0.25	0.25	0.31	17.70
One Mile Creek	Main Branch	3098.39	Culvert														
One Mile Creek	Main Branch	3085.435	PF 1	0.94	85.81	86.52	86.23	86.54	0.001656	0.84	2.81	27.80	0.32	0.26	0.26	0.34	17.66
One Mile Creek	Main Branch	3083.476	PF 1	0.94	85.78	86.53		86.53	0.000399	0.43	9.08	29.44	0.16	0.10	0.09	0.10	17.66
One Mile Creek	Main Branch	3066.723	PF 1	0.94	85.78	86.53	86.15	86.53	0.000039	0.14	24.83	57.19	0.05	0.04	0.03	0.04	17.65
One Mile Creek	Main Branch	3049.816	Culvert														
One Mile Creek	Main Branch	3032.911	PF 1	0.94	85.66	86.52	86.07	86.52	0.000047	0.16	23.09	54.88	0.06	0.04	0.04	0.04	17.55
One Mile Creek	Main Branch	3021.52	PF 1	5.13	85.66	86.44		86.50	0.014425	2.34	9.15	35.03	0.89	0.54	0.48	0.56	17.55
One Mile Creek	Main Branch	2997.131	PF 1	5.13	85.36	86.32		86.33	0.003592	1.18	15.45	41.51	0.41	0.32	0.29	0.33	17.54
One Mile Creek	Main Branch	2985.92	PF 1	5.13	85.36	86.30		86.30	0.001343	0.71	22.73	50.75	0.25	0.23	0.19	0.23	17.53
One Mile Creek	Main Branch	2976.638															

HEC-RAS Plan: fused - br Locations: User Defined Profile: PF 1 (Continued)

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W. S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl	Vel Left (m/s)	Vel Right (m/s)	Vel Total (m/s)	Vol Chan (1000 m ³)
One Mile Creek	Main Branch	2193.65		Culvert													
One Mile Creek	Main Branch	2172.994	PF 1	8.27	82.76	84.13	83.83	84.23	0.005096	2.10	10.22	17.72	0.59	0.54	0.62	0.81	12.24
One Mile Creek	Main Branch	2166.89	PF 1	8.27	82.75	84.15	83.78	84.19	0.003038	1.62	14.16	23.97	0.46	0.45	0.48	0.58	12.23
One Mile Creek	Main Branch	2155.81		Culvert													
One Mile Creek	Main Branch	2144.736	PF 1	8.27	82.69	84.15	83.64	84.17	0.001427	1.16	20.95	33.52	0.32	0.33	0.35	0.39	12.04
One Mile Creek	Main Branch	2136.111	PF 1	8.27	82.71	84.00	83.87	84.13	0.008552	2.49	10.81	34.61	0.74	0.44	0.74	0.77	12.03
One Mile Creek	Main Branch	2115.873	PF 1	8.27	82.81	83.94		83.98	0.004434	1.65	11.33	25.10	0.53	0.53	0.68	0.73	12.01
One Mile Creek	Main Branch	2108.079	PF 1	8.27	82.66	83.92		83.96	0.002409	1.31	12.69	20.19	0.39	0.50	0.61	0.65	12.00
One Mile Creek	Main Branch	2041.69	PF 1	8.27	82.33	83.88		83.89	0.000499	0.71	25.18	33.29	0.19	0.28	0.31	0.33	11.91
One Mile Creek	Main Branch	1999.607	PF 1	8.27	82.04	83.87	82.98	83.87	0.000208	0.47	49.24	92.05	0.12	0.19	0.15	0.17	11.84
One Mile Creek	Main Branch	1976.21		Culvert													
One Mile Creek	Main Branch	1952.821	PF 1	8.27	82.01	83.87	82.74	83.87	0.000070	0.30	57.45	58.48	0.07	0.13	0.14	0.14	11.00
One Mile Creek	Main Branch	1911.938	PF 1	8.27	82.01	83.86		83.86	0.000361	0.69	27.36	32.32	0.17	0.28	0.28	0.30	10.91
One Mile Creek	Main Branch	1797.294	PF 1	8.27	81.91	83.82		83.82	0.000316	0.66	31.17	46.71	0.16	0.27	0.18	0.27	10.66
One Mile Creek	Main Branch	1779.872	PF 1	8.27	82.01	83.80	83.15	83.82	0.000685	0.95	23.21	42.04	0.23	0.32	0.24	0.36	10.61
One Mile Creek	Main Branch	1767.19		Culvert													
One Mile Creek	Main Branch	1754.514	PF 1	8.27	81.89	83.08	83.08	83.31	0.010741	2.75	5.78	12.05	0.85	0.92	0.91	1.43	10.37
One Mile Creek	Main Branch	1746.419	PF 1	8.27	81.85	83.09		83.15	0.003368	1.55	9.97	17.51	0.47	0.64	0.53	0.83	10.35
One Mile Creek	Main Branch	1677.075	PF 1	8.27	81.65	82.97		83.00	0.001449	1.10	14.11	23.96	0.31	0.51	0.50	0.59	10.20
One Mile Creek	Main Branch	1641.026	PF 1	8.27	81.53	82.96		82.97	0.000395	0.62	25.77	40.31	0.17	0.27	0.29	0.32	10.11
One Mile Creek	Main Branch	1602.851	PF 1	8.93	81.26	82.95		82.95	0.000200	0.49	34.23	41.65	0.12	0.24	0.25	0.26	10.11
One Mile Creek	Main Branch	1578.111	PF 1	8.93	81.23	82.93	82.34	82.95	0.000773	0.89	20.28	35.10	0.23	0.38	0.38	0.44	9.95
One Mile Creek	Main Branch	1540.13		Culvert													
One Mile Creek	Main Branch	1502.146	PF 1	8.93	81.06	82.74	82.16	82.75	0.000248	0.54	32.17	43.09	0.14	0.26	0.24	0.28	9.24
One Mile Creek	Main Branch	1496.943	PF 1	8.93	81.06	82.75		82.75	0.000125	0.39	41.10	47.14	0.10	0.21	0.18	0.22	9.23
One Mile Creek	Main Branch	1454.363	PF 1	8.93	80.94	82.74		82.74	0.000060	0.28	50.60	44.38	0.07	0.18	0.13	0.18	9.09
One Mile Creek	Main Branch	1412.105	PF 1	8.93	80.69	82.73		82.74	0.000174	0.53	32.48	34.15	0.12	0.25	0.24	0.27	8.96
One Mile Creek	Main Branch	1403.154	PF 1	10.75	80.71	82.73		82.74	0.000310	0.69	28.87	29.29	0.16	0.35	0.32	0.37	8.93
One Mile Creek	Main Branch	1390.674	PF 1	10.75	80.64	82.71	82.24	82.73	0.000694	1.02	20.80	28.42	0.23	0.52	0.31	0.52	8.90
One Mile Creek	Main Branch	1374.70		Culvert													
One Mile Creek	Main Branch	1358.726	PF 1	10.75	80.43	82.20	82.01	82.24	0.001133	1.19	16.64	20.74	0.30	0.56	0.51	0.65	8.55
One Mile Creek	Main Branch	1337.955	PF 1	10.75	80.28	82.21		82.22	0.000257	0.60	32.24	32.90	0.14	0.32	0.28	0.33	8.49
One Mile Creek	Main Branch	1294.834	PF 1	10.75	80.13	82.21		82.21	0.000073	0.34	59.13	57.36	0.08	0.19	0.15	0.18	8.36
One Mile Creek	Main Branch	1258.244	PF 1	10.75	79.97	82.21		82.21	0.000057	0.32	65.24	66.54	0.07	0.16	0.15	0.16	8.23
One Mile Creek	Main Branch	1220.272	PF 1	10.75	79.86	82.20	81.11	82.21	0.000055	0.33	63.89	57.22	0.07	0.16	0.15	0.17	8.06
One Mile Creek	Main Branch	1207.04		Culvert													
One Mile Creek	Main Branch	1193.805	PF 1	10.75	79.89	81.59	81.11	81.61	0.000756	0.95	20.60	25.83	0.24	0.45	0.42	0.52	7.59
One Mile Creek	Main Branch	1175.14	PF 1	10.75	79.86	81.58		81.60	0.000548	0.82	23.90	29.17	0.21	0.39	0.37	0.45	7.52
One Mile Creek	Main Branch	1133.712	PF 1	10.75	79.58	81.58		81.58	0.000148	0.46	38.43	34.92	0.11	0.26	0.21	0.28	7.34
One Mile Creek	Main Branch	1099.673	PF 1	10.75	79.64	81.57		81.58	0.000258	0.61	33.57	37.74	0.15	0.28	0.29	0.32	7.19
One Mile Creek	Main Branch	1043.627	PF 1	10.75	79.71	81.57		81.57	0.000086	0.34	79.26	137.15	0.08	0.13	0.13	0.14	6.98
One Mile Creek	Main Branch	1036.109	PF 1	10.75	80.81	81.57	81.01	81.57	0.000112	0.20	74.21	133.11	0.08	0.12	0.15	0.14	6.97
One Mile Creek	Main Branch	1025.79		Culvert													
One Mile Creek	Main Branch	1015.477	PF 1	10.75	79.38	81.55	80.76	81.56	0.000063	0.28	80.13	110.74	0.07	0.10	0.13	0.13	5.75
One Mile Creek	Main Branch	1010.39	PF 1	10.75	79.48	81.55		81.55	0.000061	0.31	80.38	108.83	0.07	0.12	0.13	0.13	5.72
One Mile Creek	Main Branch	1005.247	PF 1	10.75	79.46	81.55		81.55	0.000110	0.42	65.10	108.09	0.10	0.17	0.14	0.17	5.70
One Mile Creek	Main Branch	1000.899	PF 1	10.75	79.39	81.55		81.55	0.000115	0.42	62.66	100.38	0.10	0.18	0.14	0.17	5.68
One Mile Creek	Main Branch	997.711	PF 1	10.75	79.34	81.55	80.45	81.55	0.000283	0.68	65.55	96.59	0.15	0.14	0.12	0.16	5.67
One Mile Creek	Main Branch	994.75		Culvert													
One Mile Creek	Main Branch	991.7954	PF 1	10.75	79.29	81.54	80.39	81.55	0.000244	0.66	67.92	91.09	0.15	0.12	0.12	0.16	5.32
One Mile Creek	Main Branch	987.3221	PF 1	10.75	79.27	81.54		81.55	0.000184	0.58	69.11	75.03	0.12	0.11	0.13	0.16	5.30
One Mile Creek	Main Branch	939.82	PF 1	10.75	78.43	81.54		81.54	0.000108	0.56	71.18	60.47	0.10	0.10	0.13	0.15	5.05
One Mile Creek	Main Branch	781.6302	PF 1	10.75	77.75	81.53		81.53	0.000024	0.30	135.00	82.54	0.05	0.07	0.06	0.08	3.98
One Mile Creek	Main Branch	756.0344	PF 1	10.75	77.84	81.52	79.43	81.53	0.000127	0.62	71.85	79.29	0.11	0.10	0.10	0.15	3.80
One Mile Creek	Main Branch	744.46		Culvert													
One Mile Creek	Main Branch	732.8784	PF 1	14.08	77.86	79.28	79.28	79.65	0.010968	3.28	9.92	15.54	0.91	0.65	0.73	1.42	3.24
One Mile Creek	Main Branch	718.7899	PF 1	14.08	77.67	78.90		78.98	0.006033	2.06	20.14	33.67	0.64	0.55	0.46	0.70	3.21
One Mile Creek	Main Branch	599.9061	PF 1	14.08	76.08	78.03		78.24	0.006114	2.57	11.87	13.40	0.63	0.68	0.55	1.19	2.88
One Mile Creek	Main Branch	565.017	PF 1	14.08	75.52	78.09		78.12	0.000814	1.18	37.50	38.96	0.25	0.25	0.27	0.38	2.74
One Mile Creek	Main Branch	437.2105	PF 1	18.28	75.81	77.35	77.35	77.77	0.012689	3.60	11.53	15.42	0.97	0.73	0.87	1.59	2.24
One Mile Creek	Main Branch	340.9343	PF 1	18.28	75.25	77.36		77.38	0.001003	0.99	39.38	29.37	0.24	0.39	0.21	0.46	1.83
One Mile Creek	Main Branch	276.8269	PF 1	18.28	75.18	77.29		77.32	0.000939	1.20	43.49	36.87	0.28	0.32	0.34	0.42	1.52
One Mile Creek	Main Branch	229.7493	PF 1	18.28	75.04	77.26		77.28	0.000626	0.99	51.97	40.53	0.22	0.28	0.29	0.35	1.30
One Mile Creek	Main Branch	161.985	PF 1	18.28	75.01	77.24		77.25	0.000279	0.63	77.58	55.87	0.14	0.15	0.23	0.24	0.99
One Mile Creek	Main Branch	109.7299	PF 1	18.28	75.03	77.22		77.23	0.000358	0.77	68.39	49.52	0.17	0.19	0.24	0.27	0.76
One Mile Creek	Main Branch	90.44025	PF 1	18.28	75.04	77.18	76.70	77.22	0.001389	1.45	43.23	51.41	0.33	0.31	0.32	0.42	0.68
One Mile Creek	Main Branch	78.365		Culvert													
One Mile Creek	Main Branch	66.27816	PF 1	18.28	74.86	77.03	76.30	77.07	0.001201	1.33	39.72	39.76	0.30	0.34	0.30	0.46	0.24
One Mile Creek	Main Branch	49.70778	PF 1	18.28	74.92	77.01		77.05	0.001341	1.35	36.40	35.92	0.32	0.38	0.31	0.50	0.15
One Mile Creek	Main Branch	27.2629	PF 1	18.28	75.38	76.65	76.59	76.95	0.016360	3.33	12.71	18.33	1.03	0.87	0.97	1.44	0.06
One Mile Creek	Main Branch	2.828482	PF 1	18.28	74.83	76.17	76.17	76.50	0.020432	3.69	11.80	17.43	1.13	1.12	0.71	1.55	

SCE Existing Condition Hydraulic Analysis Results

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W. S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl	Vel Left (m/s)	Vel Right (m/s)	Vel Total (m/s)	Volume (1000 m ³)
One Mile Creek	Main Branch	4320.036	PF 1	1.38	89.29	89.78		89.78	0.000355	0.31	22.66	131.34	0.14	0.06	0.06	0.06	145.14
One Mile Creek	Main Branch	4284.635	PF 1	1.38	89.29	89.76		89.76	0.000771	0.44	15.87	112.90	0.21	0.06	0.09	0.09	144.46
One Mile Creek	Main Branch	4255.129	PF 1	1.38	89.29	89.75		89.75	0.000112	0.17	29.70	108.95	0.08	0.04	0.05	0.05	143.78
One Mile Creek	Main Branch	4228.834	PF 1	1.38	89.29	89.75	89.68	89.75	0.000299	0.27	20.60	97.94	0.13	0.05	0.07	0.07	143.12
One Mile Creek	Main Branch	4218.008															
One Mile Creek	Main Branch	4207.191	PF 1	1.38	89.33	89.69	89.68	89.69	0.000137	0.15	29.71	139.65	0.08	0.04	0.05	0.05	143.00
One Mile Creek	Main Branch	4196.053	PF 1	1.38	89.34	89.69		89.69	0.000134	0.15	31.05	151.23	0.08	0.04	0.05	0.04	142.66
One Mile Creek	Main Branch	4160.767	PF 1	1.38	89.67	89.68		89.68	0.000443	0.02	17.44	81.93	0.07	0.08	0.05	0.08	141.80
One Mile Creek	Main Branch	4123.219	PF 1	1.38	89.21	89.67		89.67	0.000063	0.12	37.46	149.03	0.06	0.04	0.03	0.04	140.77
One Mile Creek	Main Branch	4089.79	PF 1	1.38	89.25	89.67		89.67	0.000099	0.15	29.49	98.46	0.07	0.05	0.04	0.05	139.66
One Mile Creek	Main Branch	4047.695	PF 1	1.38	89.31	89.67		89.67	0.000216	0.19	26.42	131.94	0.10	0.06	0.05	0.05	138.48
One Mile Creek	Main Branch	3994.202	PF 1	1.38	89.49	89.64		89.64	0.003315	0.42	9.92	88.59	0.35	0.11	0.14	0.14	137.51
One Mile Creek	Main Branch	3965.177	PF 1	1.38	89.34	89.57		89.57	0.001550	0.39	12.81	94.32	0.26	0.12	0.10	0.11	137.18
One Mile Creek	Main Branch	3938.205	PF 1	1.38	89.62	89.41	89.41	89.43	0.137975		2.21	38.10	0.00	0.43	0.78	0.62	136.97
One Mile Creek	Main Branch	3905.673	PF 1	1.38	88.87	89.30		89.30	0.000531	0.34	13.62	50.69	0.17	0.10	0.09	0.10	136.72
One Mile Creek	Main Branch	3885.796	PF 1	1.38	88.85	89.27		89.27	0.003887	0.91	5.54	25.39	0.45	0.23	0.22	0.25	136.53
One Mile Creek	Main Branch	3869.557	PF 1	1.38	88.80	89.06	89.06	89.12	0.043128	2.17	2.21	16.88	1.38	0.55	0.50	0.62	136.46
One Mile Creek	Main Branch	3849.76	PF 1	1.38	88.56	88.93		88.94	0.001781	0.56	8.76	46.94	0.30	0.10	0.16	0.16	136.36
One Mile Creek	Main Branch	3795.061	PF 1	1.38	88.34	88.81		88.82	0.002487	0.75	6.01	31.17	0.36	0.18	0.15	0.23	135.95
One Mile Creek	Main Branch	3774.079	PF 1	1.38	87.97	88.78		88.79	0.001116	0.63	5.15	15.50	0.25	0.12	0.15	0.27	135.83
One Mile Creek	Main Branch	3759.561	PF 1	1.38	88.19	88.63		88.69	0.007944	1.24	1.82	9.44	0.64	0.24	0.20	0.76	135.72
One Mile Creek	Main Branch	3752.359	PF 1	1.38	88.10	88.62		88.63	0.001746	0.68	4.88	17.47	0.31	0.14	0.17	0.28	135.70
One Mile Creek	Main Branch	3737.17	PF 1	1.38	87.74	88.63		88.63	0.000078	0.21	21.36	36.57	0.07	0.06	0.06	0.06	135.50
One Mile Creek	Main Branch	3716.047	PF 1	1.38	88.04	88.62		88.62	0.000942	0.56	8.00	22.14	0.24	0.17	0.13	0.17	135.19
One Mile Creek	Main Branch	3708.046	PF 1	1.38	88.03	88.60		88.61	0.002058	0.81	5.60	16.74	0.35	0.23	0.19	0.25	135.14
One Mile Creek	Main Branch	3693.366	PF 1	1.38	87.92	88.52		88.56	0.006787	1.51	3.00	10.33	0.63	0.35	0.34	0.46	135.07
One Mile Creek	Main Branch	3690.253	PF 1	1.38	87.92	88.50		88.54	0.006536	1.45	3.16	11.18	0.62	0.35	0.33	0.44	135.06
One Mile Creek	Main Branch	3683.188	PF 1	1.38	87.89	88.45		88.49	0.006895	1.45	3.31	12.90	0.63	0.33	0.32	0.42	135.04
One Mile Creek	Main Branch	3674.391	PF 1	1.38	87.85	88.29	88.29	88.38	0.021298	2.17	1.91	8.27	1.06	0.49	0.54	0.72	135.02
One Mile Creek	Main Branch	3669.178	PF 1	1.38	87.49	88.18		88.22	0.002917	0.83	1.78	5.17	0.39	0.09	0.10	0.77	135.01
One Mile Creek	Main Branch	3647.63	PF 1	1.38	87.43	88.06		88.14	0.011792	1.32	1.05	3.08	0.72			1.32	134.99
One Mile Creek	Main Branch	3646.63	PF 1	1.46	87.42	88.01		88.06	0.005551	0.94	1.56	4.53	0.51			0.94	134.98
One Mile Creek	Main Branch	3640.382	PF 1	1.46	87.30	87.98		88.02	0.004716	0.89	1.64	4.53	0.47			0.89	134.97
One Mile Creek	Main Branch	3601.767	PF 1	1.46	87.13	87.98		87.98	0.000529	0.43	5.04	14.81	0.18	0.07	0.09	0.29	134.89
One Mile Creek	Main Branch	3600.767	PF 1	1.46	87.07	87.97		87.98	0.000414	0.40	7.20	20.59	0.16	0.06	0.10	0.20	134.84
One Mile Creek	Main Branch	3564.998	PF 1	1.46	87.12	87.97		87.97	0.000396	0.37	7.94	22.27	0.15	0.06	0.10	0.18	134.75
One Mile Creek	Main Branch	3564.8	PF 1	1.46	87.08	87.97		87.97	0.000238	0.32	9.82	25.35	0.12	0.05	0.08	0.15	134.70
One Mile Creek	Main Branch	3564	PF 1	1.46	86.90	87.97		87.97	0.000233	0.30	8.37	23.69	0.12	0.05	0.07	0.17	134.58
One Mile Creek	Main Branch	3563.998	PF 1	1.46	87.61	87.89	87.89	87.95	0.018553	1.13	1.93	26.16	0.86	0.21	0.10	0.76	134.51
One Mile Creek	Main Branch	3517.641	PF 1	1.46	86.80	87.69		87.70	0.000624	0.42	4.64	21.10	0.19	0.07	0.04	0.31	134.48
One Mile Creek	Main Branch	3516.641	PF 1	4.65	86.85	87.66		87.68	0.001467	0.77	9.98	26.64	0.30	0.14	0.16	0.47	134.38
One Mile Creek	Main Branch	3516.2	PF 1	4.65	86.65	87.58		87.65	0.005914	1.32	6.37	21.53	0.56	0.12	0.28	0.73	134.29
One Mile Creek	Main Branch	3515.641	PF 1	4.65	86.61	87.54		87.58	0.002344	0.97	8.84	22.45	0.38	0.15	0.22	0.53	134.17
One Mile Creek	Main Branch	3458.613	PF 1	4.65	86.57	87.32	87.32	87.46	0.016130	1.78	3.86	15.60	0.88	0.05	0.38	1.21	134.02
One Mile Creek	Main Branch	3457.613	PF 1	4.65	86.44	87.27		87.28	0.000719	0.51	15.65	33.28	0.21	0.17	0.17	0.30	133.68
One Mile Creek	Main Branch	3413.053	PF 1	4.65	86.28	87.26		87.26	0.000330	0.43	23.28	41.46	0.15	0.09	0.13	0.20	132.81
One Mile Creek	Main Branch	3355.139	PF 1	4.65	86.57	87.20		87.21	0.004519	1.29	13.83	42.88	0.52	0.32	0.31	0.34	131.73
One Mile Creek	Main Branch	3339.915	PF 1	4.65	86.48	87.13		87.15	0.004464	1.29	13.22	37.98	0.52	0.30	0.33	0.35	131.53
One Mile Creek	Main Branch	3333.782	PF 1	4.65	86.47	87.05	86.99	87.10	0.014800	2.19	8.33	32.04	0.93	0.52	0.48	0.56	131.46
One Mile Creek	Main Branch	3323.242															
One Mile Creek	Main Branch	3312.704	PF 1	4.65	86.37	87.08	86.89	87.09	0.003763	1.26	14.67	43.55	0.48	0.28	0.30	0.32	131.28
One Mile Creek	Main Branch	3303.71	PF 1	4.65	86.36	87.07		87.07	0.001515	0.79	20.37	48.01	0.30	0.18	0.22	0.23	131.12
One Mile Creek	Main Branch	3286.922	PF 1	4.65	86.30	87.05		87.05	0.001177	0.71	23.72	58.02	0.27	0.16	0.19	0.20	130.75
One Mile Creek	Main Branch	3267.146	PF 1	4.65	86.33	87.01		87.02	0.002021	0.90	19.46	53.65	0.35	0.22	0.23	0.24	130.33
One Mile Creek	Main Branch	3261.972	PF 1	4.65	86.33	87.00	86.75	87.01	0.002715	1.03	17.36	50.79	0.41	0.23	0.25	0.27	130.23
One Mile Creek	Main Branch	3254.574															
One Mile Creek	Main Branch	3247.177	PF 1	4.65	86.16	86.99	86.71	87.00	0.003093	1.27	15.77	46.29	0.45	0.25	0.27	0.29	130.01
One Mile Creek	Main Branch	3241.714	PF 1	4.65	86.16	86.98		86.99	0.002673	1.17	15.90	41.66	0.42	0.26	0.27	0.29	129.93
One Mile Creek	Main Branch	3238.154	PF 1	4.65	86.14	86.97		86.98	0.002409	1.13	16.33	41.07	0.40	0.27	0.26	0.28	129.87
One Mile Creek	Main Branch	3234.898	PF 1	4.65	86.13	86.96		86.97	0.002382	1.12	16.24	40.14	0.40	0.28	0.26	0.29	129.81
One Mile Creek	Main Branch	3230.906	PF 1	4.65	86.12	86.95	86.64	86.96	0.002839	1.21	15.04	38.17	0.43	0.25	0.29	0.31	129.75
One Mile Creek	Main Branch	3224.992															
One Mile Creek	Main Branch	3219.079	PF 1	4.65	86.01	86.95	86.55	86.96	0.001656	1.00	17.58	38.03	0.33	0.24	0.24	0.26	129.57
One Mile Creek	Main Branch	3213.738	PF 1	4.65	86.02	86.94		86.95	0.001066	0.80	20.00	38.49	0.27	0.20	0.21	0.23	129.47
One Mile Creek	Main Branch	3208.049	PF 1	4.65	86.02	86.94		86.94	0.000908	0.74	21.66	39.38	0.25	0.17	0.20	0.21	129.35
One Mile Creek	Main Branch	3203.953	PF 1	4.65	86.03	86.94		86.94	0.000969	0.75	21.21	38.75	0.25	0.18	0.21	0.22	129.26
One Mile Creek	Main Branch	3198.366	PF 1	4.65	86.03	86.92	86.71	86.93	0.002129	1.07	15.88	34.82	0.37	0.25	0.27	0.29	129.16
One Mile Creek	Main Branch	3185.724															
One Mile Creek	Main Branch	3173.083	PF 1	4.65	85.93	86.91	86.57	86.91	0.000918	0.78	21.61	39.61	0.25	0.16	0.21	0.22	129.01
One Mile Creek	Main Branch	3165.263	PF 1	4.65	85.95	86.90		86.91	0.000673	0.65	24.17	40.59	0.21	0.16	0.19	0.19	128.83
One Mile Creek	Main Branch	3150.161	PF 1	4.65	85.88	86.89		86.90	0.000689	0.70	25.84	51.62	0.22	0.13	0.18	0.18	128.45
One Mile Creek	Main Branch	3131.937	PF 1	4.65	85.82	86.89		86.89	0.000364	0.52	32.43	53.00	0.16	0.14	0.13	0.14	127.92
One Mile Creek	Main Branch	3120.049	PF 1														

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl	Vel Left (m/s)	Vel Right (m/s)	Vel Total (m/s)	Volume (1000 m ³)
One Mile Creek	Main Branch	2451.753	PF 1	7.18	83.14	85.26	84.11	85.27	0.000176	0.51	47.48	46.22	0.12	0.14	0.11	0.15	99.54
One Mile Creek	Main Branch	2433.831	PF 1	7.18	83.14	85.26		85.26	0.000118	0.43	54.93	47.26	0.10	0.12	0.11	0.13	98.62
One Mile Creek	Main Branch	2365.753	PF 1	7.18	83.15	85.26		85.26	0.000071	0.33	58.27	52.26	0.08	0.11	0.11	0.12	94.77
One Mile Creek	Main Branch	2318.095	PF 1	7.18	83.18	85.25	84.02	85.25	0.000036	0.20	80.73	65.37	0.05	0.09	0.07	0.09	91.45
One Mile Creek	Main Branch	2305.42															
One Mile Creek	Main Branch	2292.738	PF 1	7.18	83.10	85.25	83.95	85.25	0.000072	0.34	72.64	93.76	0.08	0.07	0.11	0.10	90.47
One Mile Creek	Main Branch	2271.884	PF 1	8.84	83.14	85.24		85.25	0.000127	0.45	60.07	61.86	0.10	0.14	0.13	0.15	89.09
One Mile Creek	Main Branch	2260.932	PF 1	8.84	83.15	85.24		85.24	0.000158	0.47	54.92	58.67	0.11	0.16	0.14	0.16	88.46
One Mile Creek	Main Branch	2227.238	PF 1	8.84	82.83	85.24		85.24	0.000142	0.48	58.02	71.03	0.10	0.16	0.10	0.15	86.56
One Mile Creek	Main Branch	2214.307	PF 1	8.84	82.98	85.21	84.18	85.23	0.000607	1.04	30.98	58.63	0.23	0.26	0.16	0.29	85.98
One Mile Creek	Main Branch	2193.65															
One Mile Creek	Main Branch	2172.994	PF 1	8.84	82.76	84.15	83.88	84.25	0.005539	2.20	10.44	17.96	0.61	0.57	0.66	0.85	85.49
One Mile Creek	Main Branch	2166.89	PF 1	8.84	82.75	84.16	83.80	84.21	0.003278	1.70	14.50	24.32	0.48	0.47	0.51	0.61	85.41
One Mile Creek	Main Branch	2155.81															
One Mile Creek	Main Branch	2144.736	PF 1	8.84	82.69	84.16	83.66	84.19	0.001530	1.21	21.46	33.89	0.33	0.34	0.36	0.41	85.21
One Mile Creek	Main Branch	2136.111	PF 1	8.84	82.71	84.03		84.15	0.007756	2.41	11.95	35.19	0.71	0.45	0.71	0.74	85.07
One Mile Creek	Main Branch	2115.873	PF 1	8.84	82.81	83.97		84.01	0.004203	1.64	12.14	25.71	0.51	0.53	0.68	0.73	84.82
One Mile Creek	Main Branch	2108.079	PF 1	8.84	82.66	83.96		83.99	0.002422	1.34	13.32	20.67	0.40	0.51	0.62	0.66	84.72
One Mile Creek	Main Branch	2041.69	PF 1	8.84	82.33	83.91		83.92	0.000519	0.74	26.17	34.10	0.19	0.29	0.32	0.34	83.42
One Mile Creek	Main Branch	1999.607	PF 1	8.84	82.04	83.90	83.00	83.90	0.000205	0.48	51.98	93.91	0.12	0.19	0.15	0.17	81.78
One Mile Creek	Main Branch	1976.21															
One Mile Creek	Main Branch	1952.821	PF 1	8.84	82.01	83.90	82.74	83.90	0.000074	0.31	59.22	60.97	0.08	0.14	0.15	0.15	80.89
One Mile Creek	Main Branch	1911.938	PF 1	8.84	82.01	83.89		83.89	0.000377	0.71	28.32	32.88	0.17	0.28	0.29	0.31	79.10
One Mile Creek	Main Branch	1797.294	PF 1	8.84	81.91	83.85		83.85	0.000327	0.67	32.49	47.90	0.16	0.28	0.18	0.27	75.61
One Mile Creek	Main Branch	1779.872	PF 1	8.84	82.01	83.83	83.15	83.84	0.000698	0.97	24.39	43.39	0.23	0.33	0.25	0.36	75.11
One Mile Creek	Main Branch	1767.19															
One Mile Creek	Main Branch	1754.514	PF 1	8.84	81.89	83.10	83.10	83.34	0.011285	2.85	6.00	12.29	0.87	0.96	0.95	1.47	74.85
One Mile Creek	Main Branch	1746.419	PF 1	8.84	81.85	83.12		83.19	0.003381	1.58	10.50	17.99	0.48	0.65	0.54	0.84	74.78
One Mile Creek	Main Branch	1677.075	PF 1	8.84	81.65	83.00		83.03	0.001456	1.12	14.84	24.61	0.31	0.52	0.50	0.60	73.91
One Mile Creek	Main Branch	1641.026	PF 1	8.84	81.53	82.99		83.00	0.000402	0.63	26.99	41.40	0.17	0.28	0.29	0.33	73.15
One Mile Creek	Main Branch	1602.851	PF 1	9.89	81.26	82.98		82.98	0.000225	0.53	35.45	42.42	0.13	0.25	0.26	0.28	71.96
One Mile Creek	Main Branch	1578.111	PF 1	9.89	81.23	82.96	82.37	82.97	0.000852	0.95	21.24	37.59	0.24	0.39	0.41	0.47	71.26
One Mile Creek	Main Branch	1540.13															
One Mile Creek	Main Branch	1502.146	PF 1	9.89	81.06	82.75	82.16	82.75	0.000302	0.60	32.27	43.17	0.15	0.29	0.27	0.31	70.51
One Mile Creek	Main Branch	1496.943	PF 1	9.89	81.06	82.75		82.75	0.000152	0.44	41.23	47.18	0.11	0.24	0.20	0.24	70.31
One Mile Creek	Main Branch	1454.363	PF 1	9.89	80.94	82.74		82.74	0.000074	0.31	50.69	44.40	0.08	0.20	0.14	0.20	68.35
One Mile Creek	Main Branch	1412.105	PF 1	9.89	80.69	82.73		82.75	0.000214	0.59	32.49	34.16	0.13	0.27	0.27	0.30	66.58
One Mile Creek	Main Branch	1403.154	PF 1	10.75	80.71	82.73		82.74	0.000308	0.69	28.91	29.31	0.16	0.35	0.32	0.37	66.31
One Mile Creek	Main Branch	1390.674	PF 1	10.75	80.64	82.71	82.24	82.73	0.000690	1.01	20.85	28.45	0.23	0.52	0.31	0.52	66.00
One Mile Creek	Main Branch	1374.70															
One Mile Creek	Main Branch	1358.726	PF 1	10.75	80.43	82.20	82.01	82.23	0.001135	1.19	16.63	20.71	0.30	0.56	0.51	0.65	65.65
One Mile Creek	Main Branch	1337.955	PF 1	10.75	80.28	82.21		82.22	0.000257	0.60	32.21	32.89	0.14	0.32	0.28	0.33	65.14
One Mile Creek	Main Branch	1294.834	PF 1	10.75	80.13	82.21		82.21	0.000073	0.34	59.08	57.32	0.08	0.19	0.15	0.18	63.17
One Mile Creek	Main Branch	1258.244	PF 1	10.75	79.97	82.21		82.21	0.000057	0.32	65.19	66.46	0.07	0.16	0.15	0.16	60.88
One Mile Creek	Main Branch	1220.272	PF 1	10.75	79.86	82.20	81.11	82.21	0.000555	0.33	63.85	57.20	0.07	0.16	0.15	0.17	58.43
One Mile Creek	Main Branch	1207.04															
One Mile Creek	Main Branch	1193.805	PF 1	10.75	79.89	81.59	81.11	81.61	0.000768	0.96	20.47	25.74	0.24	0.45	0.42	0.53	57.96
One Mile Creek	Main Branch	1175.14	PF 1	10.75	79.86	81.58		81.59	0.000558	0.82	23.74	29.08	0.21	0.39	0.37	0.45	57.55
One Mile Creek	Main Branch	1133.712	PF 1	10.75	79.58	81.57		81.58	0.000150	0.46	38.24	34.84	0.11	0.26	0.21	0.28	56.26
One Mile Creek	Main Branch	1099.673	PF 1	10.75	79.64	81.56		81.57	0.000262	0.62	33.36	37.63	0.15	0.28	0.30	0.32	55.05
One Mile Creek	Main Branch	1043.627	PF 1	10.75	79.71	81.56		81.56	0.000089	0.34	78.48	136.94	0.08	0.13	0.13	0.14	51.90
One Mile Creek	Main Branch	1036.109	PF 1	10.75	80.81	81.56	81.01	81.56	0.000116	0.20	73.44	132.85	0.08	0.12	0.15	0.15	51.33
One Mile Creek	Main Branch	1025.79															
One Mile Creek	Main Branch	1015.477	PF 1	10.75	79.38	81.55	80.76	81.55	0.000663	0.28	79.88	110.67	0.07	0.10	0.13	0.13	50.11
One Mile Creek	Main Branch	1010.39	PF 1	10.75	79.48	81.55		81.55	0.000661	0.31	80.14	108.78	0.07	0.12	0.13	0.13	49.71
One Mile Creek	Main Branch	1005.247	PF 1	10.75	79.46	81.55		81.55	0.000112	0.43	64.85	108.00	0.10	0.17	0.14	0.17	49.33
One Mile Creek	Main Branch	1000.899	PF 1	10.75	79.39	81.55		81.55	0.000117	0.42	62.43	100.23	0.10	0.18	0.14	0.17	49.05
One Mile Creek	Main Branch	997.711	PF 1	10.75	79.34	81.54	80.45	81.55	0.000285	0.68	65.33	96.50	0.15	0.14	0.12	0.16	48.85
One Mile Creek	Main Branch	994.75															
One Mile Creek	Main Branch	991.7954	PF 1	10.75	79.29	81.54	80.39	81.55	0.000244	0.66	67.82	91.05	0.15	0.13	0.12	0.16	48.50
One Mile Creek	Main Branch	987.3221	PF 1	10.75	79.27	81.54		81.55	0.000184	0.58	69.03	74.96	0.12	0.11	0.13	0.16	48.19
One Mile Creek	Main Branch	939.82	PF 1	10.75	78.43	81.54		81.54	0.000109	0.56	71.11	60.45	0.10	0.10	0.13	0.15	44.87
One Mile Creek	Main Branch	781.6302	PF 1	10.75	77.75	81.53		81.53	0.000024	0.30	134.92	82.49	0.05	0.07	0.06	0.08	28.56
One Mile Creek	Main Branch	756.0344	PF 1	10.75	77.84	81.52	79.43	81.53	0.000127	0.62	71.77	79.23	0.11	0.10	0.10	0.15	25.91
One Mile Creek	Main Branch	744.46															
One Mile Creek	Main Branch	732.8784	PF 1	15.06	77.86	79.31	79.31	79.70	0.011429	3.40	10.36	15.95	0.93	0.67	0.75	1.45	25.36
One Mile Creek	Main Branch	718.7899	PF 1	15.06	77.67	78.94		79.02	0.005882	2.05	21.63	34.43	0.62	0.55	0.46	0.70	25.13
One Mile Creek	Main Branch	599.9061	PF 1	15.06	76.08	78.07		78.29	0.006289	2.65	12.43	13.72	0.64	0.70	0.57	1.21	23.11
One Mile Creek	Main Branch	565.017	PF 1	15.06	75.52	78.14		78.17	0.000834	1.21	39.34	40.05	0.25	0.26	0.28	0.38	22.20
One Mile Creek	Main Branch	437.2105	PF 1	19.26	75.81	77.38	77.38	77.82	0.012708	3.66	12.06	15.79	0.97	0.74	0.88	1.60	18.92
One Mile Creek	Main Branch	340.9343	PF 1	19.26	75.25	77.39		77.41	0.001049	1.03	40.17	29.48	0.25	0.40	0.22	0.48	16.40
One Mile Creek	Main Branch	276.8269	PF 1	19.26	75.18	77.31		77.34	0.000986	1.24	44.36	37.07	0.28	0.34	0.35	0.43	13.70
One Mile Creek	Main Branch	229.7493	PF 1	19.26	75.04	77.28		77.30	0.000662	1.02	52.85	40.67	0.23	0.30	0.30	0.36	11.41
One Mile Creek	Main Branch	161.985	PF 1	19.26	75.01	77.26		77.27	0.000296	0.65	78.74	56.13	0.15	0.16	0.24	0.24	6.95
One Mile Creek	Main Branch	109.7299	PF 1	19.26	75.03	77.24		77.25	0.0								

SCE Proposed Condition Hydraulic Analysis Results

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl	Vel Left (m/s)	Vel Right (m/s)	Vel Total (m/s)	Volume (1000 m ³)
One Mile Creek	Main Branch	4320.036	PF 1	1.38	89.29	89.78		89.78	0.000355	0.31	22.66	131.34	0.14	0.06	0.06	0.06	145.02
One Mile Creek	Main Branch	4284.635	PF 1	1.38	89.29	89.76		89.76	0.000771	0.44	15.87	112.90	0.21	0.06	0.09	0.09	144.34
One Mile Creek	Main Branch	4255.129	PF 1	1.38	89.29	89.75		89.75	0.000112	0.17	29.70	108.95	0.08	0.04	0.05	0.05	143.67
One Mile Creek	Main Branch	4228.834	PF 1	1.38	89.29	89.75	89.68	89.75	0.000299	0.27	20.60	97.94	0.13	0.05	0.07	0.07	143.01
One Mile Creek	Main Branch	4218.008	Culvert														
One Mile Creek	Main Branch	4207.191	PF 1	1.38	89.33	89.69	89.68	89.69	0.000137	0.15	29.71	139.65	0.08	0.04	0.05	0.05	142.88
One Mile Creek	Main Branch	4196.053	PF 1	1.38	89.34	89.69		89.69	0.000134	0.15	31.05	151.23	0.08	0.04	0.05	0.04	142.55
One Mile Creek	Main Branch	4160.767	PF 1	1.38	89.67	89.68		89.68	0.000443	0.02	17.44	81.93	0.07	0.08	0.05	0.08	141.69
One Mile Creek	Main Branch	4123.219	PF 1	1.38	89.21	89.67		89.67	0.000663	0.12	37.46	149.03	0.06	0.04	0.03	0.04	140.66
One Mile Creek	Main Branch	4089.79	PF 1	1.38	89.25	89.67		89.67	0.000099	0.15	29.49	98.46	0.07	0.05	0.04	0.05	139.54
One Mile Creek	Main Branch	4047.695	PF 1	1.38	89.31	89.67		89.67	0.000216	0.19	26.42	131.94	0.10	0.06	0.05	0.05	138.36
One Mile Creek	Main Branch	3994.202	PF 1	1.38	89.49	89.64		89.64	0.003315	0.42	9.92	88.59	0.35	0.11	0.14	0.14	137.39
One Mile Creek	Main Branch	3965.177	PF 1	1.38	89.34	89.57		89.57	0.001550	0.39	12.81	94.32	0.26	0.12	0.10	0.11	137.06
One Mile Creek	Main Branch	3938.205	PF 1	1.38	89.62	89.41	89.41	89.43	0.137975		2.21	38.10	0.00	0.43	0.78	0.62	136.86
One Mile Creek	Main Branch	3905.673	PF 1	1.38	88.87	89.30		89.30	0.000531	0.34	13.62	50.69	0.17	0.10	0.09	0.10	136.60
One Mile Creek	Main Branch	3885.796	PF 1	1.38	88.85	89.27		89.27	0.003887	0.91	5.54	25.39	0.45	0.23	0.22	0.25	136.41
One Mile Creek	Main Branch	3869.557	PF 1	1.38	88.80	89.06	89.06	89.12	0.043128	2.17	2.21	16.88	1.38	0.55	0.50	0.62	136.35
One Mile Creek	Main Branch	3849.76	PF 1	1.38	88.56	88.93		88.94	0.001779	0.56	8.76	46.94	0.30	0.10	0.16	0.16	136.24
One Mile Creek	Main Branch	3795.061	PF 1	1.38	88.34	88.78		88.80	0.003493	0.86	5.21	29.57	0.43	0.21	0.17	0.26	135.86
One Mile Creek	Main Branch	3774.079	PF 1	1.38	87.97	88.74	88.49	88.75	0.001495	0.70	4.00	14.80	0.29	0.13	0.19	0.34	135.76
One Mile Creek	Main Branch	3760.255	Culvert														
One Mile Creek	Main Branch	3759.561	PF 1	1.38	88.19	88.63	88.55	88.69	0.007590	1.21	1.70	9.46	0.62	0.31	0.26	0.81	135.68
One Mile Creek	Main Branch	3752.359	PF 1	1.38	88.10	88.62		88.63	0.001745	0.68	4.88	17.47	0.31	0.14	0.17	0.28	135.67
One Mile Creek	Main Branch	3737.17	PF 1	1.38	87.74	88.63		88.63	0.000078	0.21	21.36	36.58	0.07	0.06	0.06	0.06	135.47
One Mile Creek	Main Branch	3716.047	PF 1	1.38	88.04	88.62		88.62	0.000942	0.56	8.00	22.14	0.24	0.17	0.13	0.17	135.16
One Mile Creek	Main Branch	3708.046	PF 1	1.38	88.03	88.60		88.61	0.002057	0.81	5.60	16.74	0.35	0.23	0.19	0.25	135.10
One Mile Creek	Main Branch	3693.366	PF 1	1.38	87.92	88.52		88.56	0.006780	1.51	3.00	10.33	0.63	0.35	0.34	0.46	135.04
One Mile Creek	Main Branch	3690.253	PF 1	1.38	87.92	88.50		88.54	0.006528	1.45	3.16	11.19	0.62	0.35	0.33	0.44	135.03
One Mile Creek	Main Branch	3683.188	PF 1	1.38	87.89	88.45		88.49	0.006879	1.45	3.31	12.91	0.62	0.33	0.32	0.42	135.01
One Mile Creek	Main Branch	3674.391	PF 1	1.38	87.85	88.29	88.29	88.38	0.021298	2.17	1.91	8.27	1.06	0.49	0.54	0.72	134.98
One Mile Creek	Main Branch	3669.178	PF 1	1.38	87.49	88.13	87.94	88.19	0.004834	1.07	1.31	4.56	0.50	0.09	0.10	1.05	134.98
One Mile Creek	Main Branch	3663.843	Culvert														
One Mile Creek	Main Branch	3647.63	PF 1	1.38	87.43	88.08	87.98	88.15	0.009812	1.24	1.11	3.15	0.66			1.24	134.95
One Mile Creek	Main Branch	3646.63	PF 1	1.46	87.42	88.03		88.07	0.004728	0.88	1.66	4.68	0.47			0.88	134.94
One Mile Creek	Main Branch	3640.382	PF 1	1.46	87.30	88.01		88.04	0.003909	0.83	1.76	4.71	0.43			0.83	134.93
One Mile Creek	Main Branch	3601.767	PF 1	1.46	87.13	88.00		88.01	0.000445	0.40	5.46	15.48	0.16	0.06	0.08	0.27	134.85
One Mile Creek	Main Branch	3600.767	PF 1	1.46	87.07	88.00	87.53	88.01	0.000602	0.49	3.67	21.22	0.19	0.11	0.14	0.40	134.79
One Mile Creek	Main Branch	3582.228	Culvert														
One Mile Creek	Main Branch	3564.998	PF 1	1.46	87.12	87.96	87.58	87.98	0.001088	0.65	2.55	21.98	0.25	0.18	0.18	0.57	134.75
One Mile Creek	Main Branch	3564.8	PF 1	1.46	87.08	87.97		87.97	0.000238	0.32	9.82	25.35	0.12	0.05	0.08	0.15	134.70
One Mile Creek	Main Branch	3564	PF 1	1.46	86.90	87.97		87.97	0.000233	0.30	8.37	23.69	0.12	0.05	0.07	0.17	134.58
One Mile Creek	Main Branch	3563.998	PF 1	1.46	87.61	87.89	87.89	87.95	0.018553	1.13	1.93	26.16	0.86	0.21	0.10	0.76	134.51
One Mile Creek	Main Branch	3517.641	PF 1	1.46	86.80	87.69		87.70	0.000624	0.42	4.64	21.10	0.19	0.07	0.04	0.31	134.48
One Mile Creek	Main Branch	3516.641	PF 1	1.46	86.85	87.66		87.68	0.001467	0.77	9.98	26.64	0.30	0.14	0.16	0.47	134.38
One Mile Creek	Main Branch	3516.2	PF 1	1.46	86.65	87.58		87.65	0.005914	1.32	6.37	21.53	0.56	0.12	0.28	0.73	134.29
One Mile Creek	Main Branch	3515.641	PF 1	1.46	86.61	87.54		87.58	0.002344	0.97	8.84	22.45	0.38	0.15	0.22	0.53	134.17
One Mile Creek	Main Branch	3458.613	PF 1	1.46	86.57	87.32	87.32	87.46	0.016130	1.78	3.86	15.60	0.88	0.05	0.38	1.21	134.12
One Mile Creek	Main Branch	3457.613	PF 1	1.46	86.44	87.27		87.28	0.000719	0.51	15.65	33.28	0.21	0.09	0.17	0.30	133.68
One Mile Creek	Main Branch	3413.053	PF 1	1.46	86.28	87.26		87.26	0.000330	0.43	23.28	41.46	0.15	0.08	0.13	0.20	132.81
One Mile Creek	Main Branch	3355.139	PF 1	1.46	86.57	87.20		87.21	0.004519	1.29	13.83	42.88	0.52	0.32	0.31	0.34	131.73
One Mile Creek	Main Branch	3339.915	PF 1	1.46	86.48	87.13		87.15	0.004464	1.29	13.22	37.98	0.52	0.30	0.33	0.35	131.53
One Mile Creek	Main Branch	3333.782	PF 1	1.46	86.47	87.05	86.99	87.10	0.014800	2.19	8.33	32.04	0.93	0.52	0.48	0.56	131.46
One Mile Creek	Main Branch	3323.242	Culvert														
One Mile Creek	Main Branch	3312.704	PF 1	1.46	86.37	87.08	86.89	87.09	0.003763	1.26	14.67	43.55	0.48	0.28	0.30	0.32	131.28
One Mile Creek	Main Branch	3303.71	PF 1	1.46	86.36	87.07		87.07	0.001515	0.79	20.37	48.01	0.30	0.18	0.20	0.23	131.12
One Mile Creek	Main Branch	3286.922	PF 1	1.46	86.30	87.05		87.05	0.001177	0.71	23.72	58.02	0.27	0.16	0.19	0.20	130.75
One Mile Creek	Main Branch	3267.146	PF 1	1.46	86.33	87.01		87.02	0.002021	0.90	19.46	53.65	0.35	0.22	0.23	0.24	130.33
One Mile Creek	Main Branch	3261.972	PF 1	1.46	86.33	87.00	86.75	87.01	0.002715	1.03	17.36	50.79	0.41	0.23	0.25	0.27	130.23
One Mile Creek	Main Branch	3254.574	Culvert														
One Mile Creek	Main Branch	3247.177	PF 1	1.46	86.16	86.99	86.71	87.00	0.003093	1.27	15.77	46.29	0.45	0.25	0.27	0.29	130.01
One Mile Creek	Main Branch	3241.714	PF 1	1.46	86.16	86.98		86.99	0.002673	1.17	15.90	41.66	0.42	0.26	0.27	0.29	129.93
One Mile Creek	Main Branch	3238.154	PF 1	1.46	86.14	86.97		86.98	0.002409	1.13	16.33	41.07	0.40	0.27	0.26	0.28	129.87
One Mile Creek	Main Branch	3234.898	PF 1	1.46	86.13	86.96		86.97	0.002382	1.12	16.24	40.14	0.40	0.28	0.26	0.29	129.81
One Mile Creek	Main Branch	3230.906	PF 1	1.46	86.12	86.95	86.64	86.96	0.002839	1.21	15.04	38.17	0.43	0.25	0.29	0.31	129.75
One Mile Creek	Main Branch	3224.992	Culvert														
One Mile Creek	Main Branch	3219.079	PF 1	1.46	86.01	86.95	86.55	86.96	0.001656	1.00	17.58	38.03	0.33	0.24	0.24	0.26	129.57
One Mile Creek	Main Branch	3213.738	PF 1	1.46	86.02	86.94		86.95	0.001066	0.80	20.00	38.49	0.27	0.20	0.21	0.23	129.47
One Mile Creek	Main Branch	3208.049	PF 1	1.46	86.02	86.94		86.94	0.000908	0.74	21.66	39.38	0.25	0.17	0.20	0.21	129.35
One Mile Creek	Main Branch	3203.953	PF 1	1.46	86.03	86.94		86.94	0.000969	0.75	21.21	38.75	0.25	0.18	0.21	0.22	129.26
One Mile Creek	Main Branch	3198.366	PF 1	1.46	86.03	86.92	86.71	86.93	0.002129	1.07	15.88	34.82	0.37	0.25	0.27	0.29	129.16
One Mile Creek	Main Branch	3185.724	Culvert														
One Mile Creek	Main Branch	3173.083	PF 1	1.46	85.93	86.91	86.57	86.91	0.000918	0.78	21.61	39.61	0.25	0.16	0.21	0.22	129.01
One Mile Creek	Main Branch	3165.263	PF 1	1.46	85.95	86.90		86.91	0.000673	0.65	24.17	40.59	0.21	0.16	0.19	0.21	128.83
One Mile Creek	Main Branch	3150.161	PF 1	1.46													

River	Reach	River Sta	Profile	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl	Vel Left (m/s)	Vel Right (m/s)	Vel Total (m/s)	Volume (1000 m ³)
One Mile Creek	Main Branch	2508.461	PF 1	7.18	83.15	86.00		86.00	0.000051	0.31	70.70	44.61	0.06	0.09	0.11	0.10	101.77
One Mile Creek	Main Branch	2478.093	PF 1	7.18	83.17	85.99	84.25	85.99	0.000150	0.55	50.31	54.38	0.11	0.12	0.14	0.14	99.93
One Mile Creek	Main Branch	2464.92															
One Mile Creek	Main Branch	2451.753	PF 1	7.18	83.14	85.26	84.11	85.27	0.000176	0.51	47.48	46.22	0.12	0.14	0.11	0.15	99.54
One Mile Creek	Main Branch	2433.831	PF 1	7.18	83.14	85.26		85.26	0.000118	0.43	54.93	47.26	0.10	0.12	0.11	0.13	98.62
One Mile Creek	Main Branch	2365.753	PF 1	7.18	83.15	85.26		85.26	0.000071	0.33	58.27	52.26	0.08	0.11	0.11	0.12	94.77
One Mile Creek	Main Branch	2318.095	PF 1	7.18	83.18	85.25	84.02	85.25	0.000036	0.20	80.73	65.37	0.05	0.09	0.07	0.09	91.45
One Mile Creek	Main Branch	2305.42															
One Mile Creek	Main Branch	2292.738	PF 1	7.18	83.10	85.25	83.95	85.25	0.000072	0.34	72.64	93.76	0.08	0.07	0.11	0.10	90.47
One Mile Creek	Main Branch	2271.884	PF 1	8.84	83.14	85.24		85.25	0.000127	0.45	60.07	61.86	0.10	0.14	0.13	0.15	89.09
One Mile Creek	Main Branch	2260.932	PF 1	8.84	83.15	85.24		85.24	0.000158	0.47	54.92	58.67	0.11	0.16	0.14	0.16	88.46
One Mile Creek	Main Branch	2227.238	PF 1	8.84	82.83	85.24		85.24	0.000142	0.48	58.02	71.03	0.10	0.16	0.10	0.15	86.56
One Mile Creek	Main Branch	2214.307	PF 1	8.84	82.98	85.21	84.18	85.23	0.000607	1.04	30.98	58.63	0.23	0.26	0.16	0.29	85.98
One Mile Creek	Main Branch	2193.65															
One Mile Creek	Main Branch	2172.994	PF 1	8.84	82.76	84.15	83.88	84.25	0.005539	2.20	10.44	17.96	0.61	0.57	0.66	0.85	85.49
One Mile Creek	Main Branch	2166.89	PF 1	8.84	82.75	84.16	83.80	84.21	0.003278	1.70	14.50	24.32	0.48	0.47	0.51	0.61	85.41
One Mile Creek	Main Branch	2155.81															
One Mile Creek	Main Branch	2144.736	PF 1	8.84	82.69	84.16	83.66	84.19	0.001530	1.21	21.46	33.89	0.33	0.34	0.36	0.41	85.21
One Mile Creek	Main Branch	2136.111	PF 1	8.84	82.71	84.03		84.15	0.007756	2.41	11.95	35.19	0.71	0.45	0.71	0.74	85.07
One Mile Creek	Main Branch	2115.873	PF 1	8.84	82.81	83.97		84.01	0.002403	1.64	12.14	25.71	0.51	0.53	0.68	0.73	84.82
One Mile Creek	Main Branch	2108.079	PF 1	8.84	82.66	83.96		83.99	0.002422	1.34	13.32	20.67	0.40	0.51	0.62	0.66	84.72
One Mile Creek	Main Branch	2041.69	PF 1	8.84	82.33	83.91		83.92	0.000519	0.74	26.17	34.10	0.19	0.29	0.32	0.34	83.42
One Mile Creek	Main Branch	1999.607	PF 1	8.84	82.04	83.90	83.00	83.90	0.000205	0.48	51.98	93.91	0.12	0.19	0.15	0.17	81.78
One Mile Creek	Main Branch	1976.21															
One Mile Creek	Main Branch	1952.821	PF 1	8.84	82.01	83.90	82.74	83.90	0.000074	0.31	59.22	60.97	0.08	0.14	0.15	0.15	80.89
One Mile Creek	Main Branch	1911.938	PF 1	8.84	82.01	83.89		83.89	0.000377	0.71	28.32	32.88	0.17	0.28	0.29	0.31	79.10
One Mile Creek	Main Branch	1797.294	PF 1	8.84	81.91	83.85		83.85	0.000327	0.67	32.49	47.90	0.16	0.28	0.18	0.27	75.61
One Mile Creek	Main Branch	1779.872	PF 1	8.84	82.01	83.83	83.15	83.84	0.000698	0.97	24.39	43.39	0.23	0.33	0.25	0.36	75.11
One Mile Creek	Main Branch	1767.19															
One Mile Creek	Main Branch	1754.514	PF 1	8.84	81.89	83.10	83.10	83.34	0.011285	2.85	6.00	12.29	0.87	0.96	0.95	1.47	74.85
One Mile Creek	Main Branch	1746.419	PF 1	8.84	81.85	83.12		83.19	0.003381	1.58	10.50	17.99	0.48	0.65	0.54	0.84	74.78
One Mile Creek	Main Branch	1677.075	PF 1	8.84	81.65	83.00		83.03	0.001456	1.12	14.84	24.61	0.31	0.52	0.50	0.60	73.91
One Mile Creek	Main Branch	1641.026	PF 1	8.84	81.53	82.99		83.00	0.004002	0.63	26.99	41.40	0.17	0.28	0.29	0.33	73.15
One Mile Creek	Main Branch	1602.851	PF 1	9.89	81.26	82.98		82.98	0.000225	0.53	35.45	42.42	0.13	0.25	0.26	0.28	71.96
One Mile Creek	Main Branch	1578.111	PF 1	9.89	81.23	82.96	82.37	82.97	0.000852	0.95	21.24	37.59	0.24	0.39	0.41	0.47	71.26
One Mile Creek	Main Branch	1540.13															
One Mile Creek	Main Branch	1502.146	PF 1	9.89	81.06	82.75	82.16	82.75	0.000302	0.60	32.27	43.17	0.15	0.29	0.27	0.31	70.51
One Mile Creek	Main Branch	1496.943	PF 1	9.89	81.06	82.75		82.75	0.000152	0.44	41.23	47.18	0.11	0.24	0.20	0.24	70.31
One Mile Creek	Main Branch	1454.363	PF 1	9.89	80.94	82.74		82.75	0.000074	0.31	50.69	44.40	0.08	0.20	0.14	0.20	68.35
One Mile Creek	Main Branch	1412.105	PF 1	9.89	80.69	82.73		82.74	0.000214	0.59	32.49	34.16	0.13	0.27	0.27	0.30	66.58
One Mile Creek	Main Branch	1403.154	PF 1	10.75	80.71	82.73		82.74	0.000308	0.69	28.91	29.31	0.16	0.35	0.32	0.37	66.31
One Mile Creek	Main Branch	1390.674	PF 1	10.75	80.64	82.71	82.24	82.73	0.000690	1.01	20.85	28.45	0.23	0.52	0.31	0.52	66.00
One Mile Creek	Main Branch	1374.70															
One Mile Creek	Main Branch	1358.726	PF 1	10.75	80.43	82.20	82.01	82.23	0.001135	1.19	16.63	20.71	0.30	0.56	0.51	0.65	65.65
One Mile Creek	Main Branch	1337.955	PF 1	10.75	80.28	82.21		82.22	0.000257	0.60	32.21	32.89	0.14	0.32	0.28	0.33	65.14
One Mile Creek	Main Branch	1294.834	PF 1	10.75	80.13	82.21		82.21	0.000073	0.34	59.08	57.32	0.08	0.19	0.15	0.18	63.17
One Mile Creek	Main Branch	1258.244	PF 1	10.75	79.97	82.21		82.21	0.000057	0.32	65.19	66.46	0.07	0.16	0.15	0.16	60.88
One Mile Creek	Main Branch	1220.272	PF 1	10.75	79.86	82.20	81.11	82.21	0.000055	0.33	63.85	57.20	0.07	0.16	0.15	0.17	58.43
One Mile Creek	Main Branch	1207.04															
One Mile Creek	Main Branch	1193.805	PF 1	10.75	79.89	81.59	81.11	81.61	0.000768	0.96	20.47	25.74	0.24	0.45	0.42	0.53	57.96
One Mile Creek	Main Branch	1175.14	PF 1	10.75	79.86	81.58		81.59	0.000558	0.82	23.74	29.08	0.21	0.39	0.37	0.45	57.55
One Mile Creek	Main Branch	1133.712	PF 1	10.75	79.58	81.57		81.58	0.000150	0.46	38.24	34.84	0.11	0.26	0.21	0.28	56.26
One Mile Creek	Main Branch	1099.673	PF 1	10.75	79.64	81.56		81.57	0.000262	0.62	33.36	37.63	0.15	0.28	0.30	0.32	55.05
One Mile Creek	Main Branch	1043.627	PF 1	10.75	79.71	81.56		81.56	0.000089	0.34	78.48	136.94	0.08	0.13	0.13	0.14	51.90
One Mile Creek	Main Branch	1036.109	PF 1	10.75	80.81	81.56	81.01	81.56	0.000116	0.20	73.44	132.85	0.08	0.12	0.15	0.15	51.33
One Mile Creek	Main Branch	1025.79															
One Mile Creek	Main Branch	1015.477	PF 1	10.75	79.38	81.55	80.76	81.55	0.000063	0.28	79.88	110.67	0.07	0.10	0.13	0.13	50.11
One Mile Creek	Main Branch	1010.39	PF 1	10.75	79.48	81.55		81.55	0.000611	0.31	80.14	108.78	0.07	0.12	0.13	0.13	49.71
One Mile Creek	Main Branch	1005.247	PF 1	10.75	79.46	81.55		81.55	0.000112	0.43	64.85	108.00	0.10	0.17	0.14	0.17	49.33
One Mile Creek	Main Branch	1000.899	PF 1	10.75	79.39	81.55		81.55	0.000117	0.42	62.43	100.23	0.10	0.18	0.14	0.17	49.05
One Mile Creek	Main Branch	997.711	PF 1	10.75	79.34	81.54	80.45	81.55	0.000285	0.68	65.33	96.50	0.15	0.14	0.12	0.16	48.85
One Mile Creek	Main Branch	994.75															
One Mile Creek	Main Branch	991.7954	PF 1	10.75	79.29	81.54	80.39	81.55	0.000244	0.66	67.82	91.05	0.15	0.13	0.12	0.16	48.50
One Mile Creek	Main Branch	987.3221	PF 1	10.75	79.27	81.54		81.55	0.000184	0.58	69.03	74.96	0.12	0.11	0.13	0.16	48.19
One Mile Creek	Main Branch	939.82	PF 1	10.75	78.43	81.54		81.54	0.000109	0.56	71.11	60.45	0.10	0.10	0.13	0.15	44.87
One Mile Creek	Main Branch	781.6302	PF 1	10.75	77.75	81.53		81.53	0.000024	0.30	134.92	82.49	0.05	0.07	0.06	0.08	28.56
One Mile Creek	Main Branch	756.0344	PF 1	10.75	77.84	81.52	79.43	81.53	0.000127	0.62	71.77	79.23	0.11	0.10	0.10	0.15	25.91
One Mile Creek	Main Branch	744.46															
One Mile Creek	Main Branch	732.8784	PF 1	15.06	77.86	79.31	79.31	79.70	0.011429	3.40	10.36	15.95	0.93	0.67	0.75	1.45	25.36
One Mile Creek	Main Branch	718.7899	PF 1	15.06	77.67	78.94		79.02	0.005882	2.05	21.63	34.43	0.62	0.55	0.46	0.70	25.13
One Mile Creek	Main Branch	599.9061	PF 1	15.06	76.08	78.07		78.29	0.006289	2.65	12.43	13.72	0.64	0.70	0.57	1.21	23.11
One Mile Creek	Main Branch	565.017	PF 1	15.06	75.52	78.14		78.17	0.000834	1.21	39.34	40.05	0.25	0.26	0.28	0.38	22.20
One Mile Creek	Main Branch	437.2105	PF 1	19.26	75.81	77.38	77.38	77.82	0.012708	3.66	12.06	15.79	0.97	0.74	0.88	1.60	18.92
One Mile Creek	Main Branch	340.9343	PF 1	19.26	75.25	77.39		77.41	0.001049	1.03	40.17	29.48	0.25	0.40	0.22	0.48	16.40
One Mile Creek	Main Branch	276.8269	PF 1	19.26	75.18	77.31		77.34	0.000986	1.24	44.36	37.07	0.28	0.34	0.35	0.43	

Date: April 2026

Table A: SCE Revised Existing Condition HEC-RAS Model and Original HEC-RAS Model Results Comparison

Original Model										SCE Existing April 2026							Difference (SCE Existing - Original Model)											
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total
			(m3/s)	(m)	(m)	(m/s)	(m/s)	(m/s)	(m/s)				(m3/s)	(m)	(m)	(m/s)	(m/s)	(m/s)	(m3/s)			(m)	(m)	(m/s)	(m/s)	(m/s)	(m3/s)	(m)
Main Branch	4320.036	PF 1	0.94	89.29	89.77	0.22	0.04	0.04	0.04	Main Branch	4320.036	PF 1	1.38	89.29	89.78	0.31	0.06	0.06	0.06	0	PF 1	0.44	0	0.01	0.09	0.02	0.02	0.02
Main Branch	4284.635	PF 1	0.94	89.29	89.76	0.31	0.04	0.06	0.06	Main Branch	4284.635	PF 1	1.38	89.29	89.76	0.44	0.06	0.09	0.09	0	PF 1	0.44	0	0	0.13	0.02	0.03	0.03
Main Branch	4255.129	PF 1	0.94	89.29	89.76	0.11	0.03	0.03	0.03	Main Branch	4255.129	PF 1	1.38	89.29	89.75	0.17	0.04	0.05	0.05	0	PF 1	0.44	0	-0.01	0.06	0.01	0.02	0.02
Main Branch	4228.834	PF 1	0.94	89.29	89.76	0.18	0.04	0.04	0.04	Main Branch	4228.834	PF 1	1.38	89.29	89.75	0.27	0.05	0.07	0.07	0	PF 1	0.44	0	-0.01	0.09	0.01	0.03	0.03
Main Branch	4218.008	0	Culvert							Main Branch	4218.008	0	Culvert							0	0	Culvert						
Main Branch	4207.191	PF 1	0.94	89.33	89.68	0.11	0.03	0.04	0.03	Main Branch	4207.191	PF 1	1.38	89.33	89.69	0.15	0.04	0.05	0.05	0	PF 1	0.44	0	0.01	0.04	0.01	0.01	0.02
Main Branch	4196.053	PF 1	0.94	89.34	89.64	0.13	0.03	0.04	0.04	Main Branch	4196.053	PF 1	1.38	89.34	89.69	0.15	0.04	0.05	0.04	0	PF 1	0.44	0	0.05	0.02	0.01	0.01	0
Main Branch	4160.767	PF 1	0.94	89.67	89.64	0	0.07	0.03	0.07	Main Branch	4160.767	PF 1	1.38	89.67	89.68	0.02	0.08	0.05	0.08	0	PF 1	0.44	0	0.04	0.02	0.01	0.02	0.01
Main Branch	4123.219	PF 1	0.94	89.21	89.63	0.1	0.03	0.02	0.03	Main Branch	4123.219	PF 1	1.38	89.21	89.67	0.12	0.04	0.03	0.04	0	PF 1	0.44	0	0.04	0.02	0.01	0.01	0.01
Main Branch	4089.79	PF 1	0.94	89.25	89.63	0.11	0.04	0.03	0.04	Main Branch	4089.79	PF 1	1.38	89.25	89.67	0.15	0.05	0.04	0.05	0	PF 1	0.44	0	0.04	0.04	0.01	0.01	0.01
Main Branch	4047.695	PF 1	0.94	89.31	89.63	0.17	0.05	0.04	0.04	Main Branch	4047.695	PF 1	1.38	89.31	89.67	0.19	0.06	0.05	0.05	0	PF 1	0.44	0	0.04	0.02	0.01	0.01	0.01
Main Branch	3994.202	PF 1	0.94	89.49	89.6	0.35	0.09	0.14	0.13	Main Branch	3994.202	PF 1	1.38	89.49	89.64	0.42	0.11	0.14	0.14	0	PF 1	0.44	0	0.04	0.07	0.02	0	0.01
Main Branch	3965.177	PF 1	0.94	89.34	89.54	0.35	0.1	0.08	0.09	Main Branch	3965.177	PF 1	1.38	89.34	89.57	0.39	0.12	0.1	0.11	0	PF 1	0.44	0	0.03	0.04	0.02	0.02	0.02
Main Branch	3938.205	PF 1	0.94	89.62	89.39	0	0.32	0.71	0.56	Main Branch	3938.205	PF 1	1.38	89.62	89.41	0	0.43	0.78	0.62	0	PF 1	0.44	0	0.02	0	0.11	0.07	0.06
Main Branch	3905.673	PF 1	0.94	88.87	89.24	0.29	0.09	0.07	0.09	Main Branch	3905.673	PF 1	1.38	88.87	89.3	0.34	0.1	0.09	0.1	0	PF 1	0.44	0	0.06	0.05	0.01	0.02	0.01
Main Branch	3885.796	PF 1	0.94	88.85	89.21	0.8	0.2	0.19	0.22	Main Branch	3885.796	PF 1	1.38	88.85	89.27	0.91	0.23	0.22	0.25	0	PF 1	0.44	0	0.06	0.11	0.03	0.03	0.03
Main Branch	3869.557	PF 1	0.94	88.8	89.02	1.92	0.48	0.43	0.56	Main Branch	3869.557	PF 1	1.38	88.8	89.06	2.17	0.55	0.5	0.62	0	PF 1	0.44	0	0.04	0.25	0.07	0.07	0.06
Main Branch	3849.76	PF 1	0.94	88.56	88.89	0.48	0.08	0.14	0.14	Main Branch	3849.76	PF 1	1.38	88.56	88.93	0.56	0.1	0.16	0.16	0	PF 1	0.44	0	0.04	0.08	0.02	0.02	0.02
Main Branch	3795.061	PF 1	0.94	88.36	88.77	0.74	0.21	0.15	0.2	Main Branch	3795.061	PF 1	1.38	88.34	88.81	0.75	0.18	0.15	0.23	0	PF 1	0.44	-0.02	0.04	0.01	-0.03	0	0.03
Main Branch	3774.079	PF 1	0.94	88.29	88.64	1.38	0.31	0.31	0.39	Main Branch	3774.079	PF 1	1.38	87.97	88.78	0.63	0.12	0.15	0.27	0	PF 1	0.44	-0.32	0.14	-0.75	-0.19	-0.16	-0.12
																				0	0							
Main Branch	3759.561	PF 1	0.94	88.14	88.57	0.87	0.22	0.19	0.25	Main Branch	3759.561	PF 1	1.38	88.19	88.63	1.24	0.24	0.2	0.76	0	PF 1	0.44	0.05	0.06	0.37	0.02	0.01	0.51
										Main Branch	3752.359	PF 1	1.38	88.1	88.62	0.68	0.14	0.17	0.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main Branch	3737.17	PF 1	0.94	87.74	88.57	0.16	0.05	0.05	0.05	Main Branch	3737.17	PF 1	1.38	87.74	88.63	0.21	0.06	0.06	0.06	0	PF 1	0.44	0	0.06	0.05	0.01	0.01	0.01
Main Branch	3716.047	PF 1	0.94	88.04	88.57	0.44	0.13	0.1	0.14	Main Branch	3716.047	PF 1	1.38	88.04	88.62	0.56	0.17	0.13	0.17	0	PF 1	0.44	0	0.05	0.12	0.04	0.03	0.03
Main Branch	3708.046	PF 1	0.94	88.03	88.56	0.63	0.18	0.15	0.2	Main Branch	3708.046	PF 1	1.38	88.03	88.6	0.81	0.23	0.19	0.25	0	PF 1	0.44	0	0.04	0.18	0.05	0.04	0.05
Main Branch	3693.366	PF 1	0.94	87.92	88.51	1.05	0.25	0.24	0.32	Main Branch	3693.366	PF 1	1.38	87.92	88.52	1.51	0.35	0.34	0.46	0	PF 1	0.44	0	0.01	0.46	0.1	0.1	0.14
Main Branch	3690.253	PF 1	0.94	87.92	88.5	0.99	0.24	0.22	0.3	Main Branch	3690.253	PF 1	1.38	87.92	88.5	1.45	0.35	0.33	0.44	0	PF 1	0.44	0	0	0.46	0.11	0.11	0.14
Main Branch	3683.188	PF 1	0.94	87.89	88.48	0.9	0.2	0.2	0.25	Main Branch	3683.188	PF 1	1.38	87.89	88.45	1.45	0.33	0.32	0.42	0	PF 1	0.44	0	-0.03	0.55	0.13	0.12	0.17
Main Branch	3674.391	PF 1	0.94	87.85	88.47	0.85	0.2	0.18	0.24	Main Branch	3674.391	PF 1	1.38	87.85	88.29	2.17	0.49	0.54	0.72	0	PF 1	0.44	0	-0.18	1.32	0.29	0.36	0.48
Main Branch	3669.178	PF 1	0.94	87.85	88.43	1.21	0.26	0.32	0.42	Main Branch	3669.178	PF 1	1.38	87.49	88.18	0.83	0.09	0.1	0.77	0	PF 1	0.44	-0.36	-0.25	-0.38	-0.17	-0.22	0.35
										Main Branch	3647.63	PF 1	1.38	87.43	88.06	1.32	0	0	1.32	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
																				0	0							
Main Branch	3646.63	PF 1	0.94	87.58	88.14	2.04	0.46	0.47	0.86	Main Branch	3646.63	PF 1	1.46	87.42	88.01	0.94	0	0	0.94	0	PF 1	0.52	-0.16	-0.13	-1.1	-0.46	-0.47	0.08
Main Branch	3640.382	PF 1	0.94	87.48	88.02	2.19	0.49	0.5	0.92	Main Branch	3640.382	PF 1	1.46	87.3	87.98	0.89	0	0	0.89	0	PF 1	0.52	-0.18	-0.04	-1.3	-0.49	-0.5	-0.03
										Main Branch	3601.767	PF 1	1.46	87.13	87.98	0.43	0.07	0.09	0.29	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main Branch	3600.767	PF 1	0.94	87.61	87.99	0.31	0.1	0.08	0.1	Main Branch	3600.767	PF 1	1.46	87.07	87.97	0.4	0.06	0.1	0.2	0	PF 1	0.52	-0.54	-0.02	0.09	-0.04	0.02	0.1
																				0	0	0	0	0	0	0	0	
										Main Branch	3564.998	PF 1	1.46	87.12	87.97	0.37	0.06	0.1	0.18	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
										Main Branch	3564.8	PF 1	1.46	87.08	87.97	0.32	0.05	0.08	0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
										Main Branch	3564	PF 1	1.46	86.9	87.97	0.3	0.05	0.07	0.17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main Branch	3563.998	PF 1	0.94	87.48	87.88	1.6	0.35	0.39	0.53	Main Branch	3563.998	PF 1	1.46	87.61	87.89	1.13	0.21	0.1	0.76	0	PF 1	0.52	0.13	0.01	-0.47	-0.14	-0.29	0.23
										Main Branch	3517.641	PF 1	1.46	86.8	87.69	0.42	0.07	0.04	0.31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
										Main Branch	3516.641	PF 1	4.65	86.85	87.66	0.77	0.14	0.16	0.47	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
										Main Branch	3516.2	PF 1	4.65	86.65	87.58	1.32	0.12	0.28	0.73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main Branch	3515.641	PF 1	0.94	87.25	87.51	0.77	0.16	0.26	0.28	Main Branch	3515.641	PF 1	4.65	86.61	87.54	0.97	0.15	0.22	0.53	0	PF 1	3.71	-0.64	0.03	0.2	-0.01	-0.04	0.25
										Main Branch	3458.613	PF 1	4.65	86.57	87.32	1.78	0.05	0.38	1.21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Main Branch	3457.613	PF 1	0.94	86.88	87.24	0.83	0.2	0.22	0.24	Main Branch	3457.613	PF 1	4.65	86.44	87.27	0.51	0.08	0.17	0.3	0	PF 1	3.71	-0.44	0.03	-0.32	-0.12	-0.05	0.06
Main Branch	3413.053	PF 1	0.94	86.66	87.12	0.71	0.17	0.17	0.19	Main Branch	3413.053	PF 1	4.65	86.28	87.26	0.43	0.09	0.13	0.2	0	PF 1	3.71	-0.38	0.14	-0.28	-0.08	-0.04	0.01

Original Model										SCE Existing April 2026										Difference (SCE Existing - Original Model)								
			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total				Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Diver Sta	Drafile	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total
Main Branch	3241.714	PF 1	0.94	86.16	86.74	0.47	0.11	0.11	0.12	Main Branch	3241.714	PF 1	4.65	86.16	86.98	1.17	0.26	0.27	0.29	0	PF 1	3.71	0	0.24	0.7	0.15	0.16	0.17
Main Branch	3238.154	PF 1	0.94	86.14	86.73	0.45	0.11	0.1	0.12	Main Branch	3238.154	PF 1	4.65	86.14	86.97	1.13	0.27	0.26	0.28	0	PF 1	3.71	0	0.24	0.68	0.16	0.16	0.16
Main Branch	3234.898	PF 1	0.94	86.13	86.73	0.43	0.11	0.1	0.11	Main Branch	3234.898	PF 1	4.65	86.13	86.96	1.12	0.28	0.26	0.29	0	PF 1	3.71	0	0.23	0.69	0.17	0.16	0.18
Main Branch	3230.906	PF 1	0.94	86.12	86.73	0.45	0.1	0.11	0.12	Main Branch	3230.906	PF 1	4.65	86.12	86.95	1.21	0.25	0.29	0.31	0	PF 1	3.71	0	0.22	0.76	0.15	0.18	0.19
Main Branch	3224.992	0	Culvert							Main Branch	3224.992	0	Culvert							0	0	Culvert						
Main Branch	3219.079	PF 1	0.94	86.01	86.73	0.34	0.08	0.08	0.09	Main Branch	3219.079	PF 1	4.65	86.01	86.95	1	0.24	0.24	0.26	0	PF 1	3.71	0	0.22	0.66	0.16	0.16	0.17
Main Branch	3213.738	PF 1	0.94	86.02	86.73	0.25	0.06	0.07	0.07	Main Branch	3213.738	PF 1	4.65	86.02	86.94	0.8	0.2	0.21	0.23	0	PF 1	3.71	0	0.21	0.55	0.14	0.14	0.16
Main Branch	3208.049	PF 1	0.94	86.02	86.73	0.22	0.05	0.06	0.07	Main Branch	3208.049	PF 1	4.65	86.02	86.94	0.74	0.17	0.2	0.21	0	PF 1	3.71	0	0.21	0.52	0.12	0.14	0.14
Main Branch	3203.953	PF 1	0.94	86.03	86.73	0.22	0.05	0.06	0.07	Main Branch	3203.953	PF 1	4.65	86.03	86.94	0.75	0.18	0.21	0.22	0	PF 1	3.71	0	0.21	0.53	0.13	0.15	0.15
Main Branch	3198.366	PF 1	0.94	86.03	86.57	2.16	0.48	0.5	0.9	Main Branch	3198.366	PF 1	4.65	86.03	86.92	1.07	0.25	0.27	0.29	0	PF 1	3.71	0	0.35	-1.09	-0.23	-0.23	-0.61
Main Branch	3185.724	0	Culvert							Main Branch	3185.724	0	Culvert							0	0	Culvert						
Main Branch	3173.083	PF 1	0.94	85.93	86.55	0.77	0.16	0.29	0.31	Main Branch	3173.083	PF 1	4.65	85.93	86.91	0.78	0.16	0.21	0.22	0	PF 1	3.71	0	0.36	0.01	0	-0.08	-0.09
Main Branch	3165.263	PF 1	0.94	85.95	86.55	0.26	0.06	0.08	0.08	Main Branch	3165.263	PF 1	4.65	85.95	86.9	0.65	0.16	0.19	0.19	0	PF 1	3.71	0	0.35	0.39	0.1	0.11	0.11
Main Branch	3150.161	PF 1	0.94	85.88	86.55	0.27	0.07	0.07	0.08	Main Branch	3150.161	PF 1	4.65	85.88	86.89	0.7	0.13	0.18	0.18	0	PF 1	3.71	0	0.34	0.43	0.06	0.11	0.1
Main Branch	3131.937	PF 1	0.94	85.82	86.55	0.23	0.05	0.06	0.06	Main Branch	3131.937	PF 1	4.65	85.82	86.89	0.52	0.14	0.13	0.14	0	PF 1	3.71	0	0.34	0.29	0.09	0.07	0.08
Main Branch	3120.049	PF 1	0.94	85.81	86.55	0.24	0.05	0.06	0.06	Main Branch	3120.049	PF 1	4.65	85.81	86.88	0.54	0.15	0.14	0.15	0	PF 1	3.71	0	0.33	0.3	0.1	0.08	0.09
Main Branch	3111.347	PF 1	0.94	85.81	86.53	0.75	0.25	0.25	0.31	Main Branch	3111.347	PF 1	4.65	85.81	86.87	0.84	0.2	0.18	0.21	0	PF 1	3.71	0	0.34	0.09	-0.05	-0.07	-0.1
Main Branch	3098.39	0	Culvert							Main Branch	3098.39	0	Culvert							0	0	Culvert						
Main Branch	3085.435	PF 1	0.94	85.81	86.52	0.84	0.26	0.26	0.34	Main Branch	3085.435	PF 1	4.65	85.81	86.59	3.64	1.17	1.14	1.47	0	PF 1	3.71	0	0.07	2.8	0.91	0.88	1.13
Main Branch	3083.476	PF 1	0.94	85.78	86.53	0.43	0.1	0.09	0.1	Main Branch	3083.476	PF 1	4.65	85.78	86.62	1.58	0.36	0.34	0.39	0	PF 1	3.71	0	0.09	1.15	0.26	0.25	0.29
Main Branch	3066.723	PF 1	0.94	85.78	86.53	0.14	0.04	0.03	0.04	Main Branch	3066.723	PF 1	4.65	85.78	86.62	0.56	0.16	0.14	0.16	0	PF 1	3.71	0	0.09	0.42	0.12	0.11	0.12
Main Branch	3049.816	0	Culvert			0	0	0	0	Main Branch	3049.816	0	Culvert							0	0	Culvert						
Main Branch	3032.911	PF 1	0.94	85.66	86.52	0.16	0.04	0.04	0.04	Main Branch	3032.911	PF 1	4.65	85.66	86.52	0.78	0.19	0.18	0.2	0	PF 1	3.71	0	0	0.62	0.15	0.14	0.16
Main Branch	3021.52	PF 1	5.13	85.66	86.44	2.34	0.54	0.48	0.56	Main Branch	3021.52	PF 1	4.98	85.66	86.43	2.32	0.54	0.48	0.56	0	PF 1	-0.15	0	-0.01	-0.02	0	0	0
Main Branch	2997.131	PF 1	5.13	85.36	86.32	1.18	0.32	0.29	0.33	Main Branch	2997.131	PF 1	4.98	85.36	86.31	1.18	0.32	0.29	0.33	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2985.92	PF 1	5.13	85.36	86.3	0.71	0.23	0.19	0.23	Main Branch	2985.92	PF 1	4.98	85.36	86.29	0.71	0.23	0.19	0.22	0	PF 1	-0.15	0	-0.01	0	0	0	-0.01
Main Branch	2976.638	PF 1	5.13	85.37	86.29	0.66	0.21	0.17	0.21	Main Branch	2976.638	PF 1	4.98	85.37	86.28	0.65	0.21	0.17	0.2	0	PF 1	-0.15	0	-0.01	-0.01	0	0	-0.01
Main Branch	2936.629	PF 1	5.13	85.22	86.25	0.63	0.17	0.17	0.18	Main Branch	2936.629	PF 1	4.98	85.22	86.24	0.63	0.17	0.17	0.18	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2884.199	PF 1	5.13	85.17	86.22	0.42	0.13	0.12	0.12	Main Branch	2884.199	PF 1	4.98	85.17	86.21	0.42	0.13	0.12	0.12	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2870.426	PF 1	5.13	85.14	86.21	0.55	0.15	0.14	0.15	Main Branch	2870.426	PF 1	4.98	85.14	86.2	0.55	0.15	0.14	0.15	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2857.31	0	Culvert							Main Branch	2857.31	0	Culvert							0	0	Culvert						
Main Branch	2844.185	PF 1	5.13	84.95	86.19	1.34	0.34	0.25	0.3	Main Branch	2844.185	PF 1	4.98	84.95	86.18	1.35	0.34	0.25	0.3	0	PF 1	-0.15	0	-0.01	0.01	0	0	0
Main Branch	2835.361	PF 1	5.13	84.96	86.17	1.35	0.34	0.27	0.32	Main Branch	2835.361	PF 1	4.98	84.96	86.16	1.35	0.34	0.27	0.32	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2803.101	PF 1	5.13	84.87	86.08	1.15	0.31	0.23	0.28	Main Branch	2803.101	PF 1	4.98	84.87	86.07	1.15	0.31	0.23	0.28	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2780.125	PF 1	5.13	84.83	86.07	0.54	0.15	0.13	0.15	Main Branch	2780.125	PF 1	4.98	84.83	86.05	0.54	0.15	0.13	0.14	0	PF 1	-0.15	0	-0.02	0	0	0	-0.01
Main Branch	2740.31	0	Culvert							Main Branch	2740.31	0	Culvert							0	0	Culvert						
Main Branch	2700.496	PF 1	5.13	84.01	86.06	0.46	0.07	0.13	0.12	Main Branch	2700.496	PF 1	4.98	84.01	86.05	0.46	0.07	0.13	0.12	0	PF 1	-0.15	0	-0.01	0	0	0	0
Main Branch	2694.694	PF 1	5.13	84.01	86.06	0.46	0.08	0.13	0.12	Main Branch	2694.694	PF 1	4.98	84.01	86.05	0.46	0.08	0.12	0.12	0	PF 1	-0.15	0	-0.01	0	0	-0.01	0
Main Branch	2683.229	PF 1	5.13	83.99	86.06	0.54	0.11	0.14	0.13	Main Branch	2683.229	PF 1	4.98	83.99	86.05	0.53	0.11	0.14	0.13	0	PF 1	-0.15	0	-0.01	-0.01	0	0	0
Main Branch	2673.688	PF 1	5.13	83.97	86.05	0.86	0.13	0.25	0.21	Main Branch	2673.688	PF 1	4.98	83.97	86.04	0.84	0.13	0.24	0.22	0	PF 1	-0.15	0	-0.01	-0.02	0	-0.01	0.01
Main Branch	2671.682	PF 1	5.13	83.97	86.04	1.15	0.14	0.29	0.26	Main Branch	2671.682	PF 1	4.98	83.97	86.03	1.11	0.15	0.28	0.27	0	PF 1	-0.15	0	-0.01	-0.04	0.01	-0.01	0.01
Main Branch	2650.3	0	Culvert							Main Branch	2650.3	0	Culvert							0	0	Culvert						
Main Branch	2628.92	PF 1	5.13	83.51	86	0.1	0.03	0.03	0.03	Main Branch	2628.92	PF 1	4.98	83.51	86	0.1	0.03	0.03	0.03	0	PF 1	-0.15	0	0	0	0	0	0
Main Branch	2606.753	PF 1	7.11	83.37	86	0.1	0.03	0.04	0.04	Main Branch	2606.753	PF 1	7.18	83.37	86	0.1	0.03	0.04	0.04	0	PF 1	0.07	0	0	0	0	0	0
Main Branch	2585.399	PF 1	7.11	83.36	86	0.13	0.03	0.05	0.05	Main Branch	2585.399	PF 1	7.18	83.36	86	0.13	0.03	0.05	0.05	0	PF 1	0.07	0	0	0	0	0	0
Main Branch	2508.461	PF 1	7.11	83.15	86	0.31	0.09	0.1	0.1	Main Branch	2508.461	PF 1	7.18	83.15	86	0.31	0.09	0.11	0.1	0	PF 1	0.07	0	0	0	0	0.01	0
Main Branch	2478.093	PF 1	7.11	83.17	85.99	0.54	0.12	0.14	0.14	Main Branch	2478.093	PF 1	7.18	83.17	85.99	0.55	0.12	0.14	0.14	0	PF 1	0.07	0	0	0.01	0	0	0
Main Branch	2464.92	0	Culvert							Main Branch	2464.92	0	Culvert							0	0	Culvert						
Main Branch	2451.753	PF 1	7.11	83.14	85.25	0.52	0.14	0.11	0.15	Main Branch	2451.753	PF 1	7.18	83.14	85.26	0.51	0.14	0.11	0.15	0	PF 1	0.07	0	0.01	-0.01	0	0	0
Main Branch	2433.831	PF 1	7.11	83.14	85.24	0.43	0.12	0.11	0.13	Main Branch	2433.831	PF 1	7.18	83.14	85.26	0.43	0.12	0.11	0.13	0	PF 1	0.07	0	0.02	0	0	0	0
Main Branch	2365.753	PF 1	7.11																									

Original Model										SCE Existing April 2026										Difference (SCE Existing - Original Model)								
			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total				Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Diver Sta	Drainfile	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total
Main Branch	2136.111	PF 1	8.27	82.71	84	2.49	0.44	0.74	0.77	Main Branch	2136.111	PF 1	8.84	82.71	84.03	2.41	0.45	0.71	0.74	0	PF 1	0.57	0	0.03	-0.08	0.01	-0.03	-0.03
Main Branch	2115.873	PF 1	8.27	82.81	83.94	1.65	0.53	0.68	0.73	Main Branch	2115.873	PF 1	8.84	82.81	83.97	1.64	0.53	0.68	0.73	0	PF 1	0.57	0	0.03	-0.01	0	0	0
Main Branch	2108.079	PF 1	8.27	82.66	83.92	1.31	0.5	0.61	0.65	Main Branch	2108.079	PF 1	8.84	82.66	83.96	1.34	0.51	0.62	0.66	0	PF 1	0.57	0	0.04	0.03	0.01	0.01	0.01
Main Branch	2041.69	PF 1	8.27	82.33	83.88	0.71	0.28	0.31	0.33	Main Branch	2041.69	PF 1	8.84	82.33	83.91	0.74	0.29	0.32	0.34	0	PF 1	0.57	0	0.03	0.03	0.01	0.01	0.01
Main Branch	1999.607	PF 1	8.27	82.04	83.87	0.47	0.19	0.15	0.17	Main Branch	1999.607	PF 1	8.84	82.04	83.9	0.48	0.19	0.15	0.17	0	PF 1	0.57	0	0.03	0.01	0	0	0
Main Branch	1976.21	0	Culvert							Main Branch	1976.21	0	Culvert							0	0	Culvert						
Main Branch	1952.821	PF 1	8.27	82.01	83.87	0.3	0.13	0.14	0.14	Main Branch	1952.821	PF 1	8.84	82.01	83.9	0.31	0.14	0.15	0.15	0	PF 1	0.57	0	0.03	0.01	0.01	0.01	0.01
Main Branch	1911.938	PF 1	8.27	82.01	83.86	0.69	0.28	0.28	0.3	Main Branch	1911.938	PF 1	8.84	82.01	83.89	0.71	0.28	0.29	0.31	0	PF 1	0.57	0	0.03	0.02	0	0.01	0.01
Main Branch	1797.294	PF 1	8.27	81.91	83.82	0.66	0.27	0.18	0.27	Main Branch	1797.294	PF 1	8.84	81.91	83.85	0.67	0.28	0.18	0.27	0	PF 1	0.57	0	0.03	0.01	0.01	0	0
Main Branch	1779.872	PF 1	8.27	82.01	83.8	0.95	0.32	0.24	0.36	Main Branch	1779.872	PF 1	8.84	82.01	83.83	0.97	0.33	0.25	0.36	0	PF 1	0.57	0	0.03	0.02	0.01	0.01	0
Main Branch	1767.19	0	Culvert							Main Branch	1767.19	0	Culvert							0	0	Culvert						
Main Branch	1754.514	PF 1	8.27	81.89	83.08	2.75	0.92	0.91	1.43	Main Branch	1754.514	PF 1	8.84	81.89	83.1	2.85	0.96	0.95	1.47	0	PF 1	0.57	0	0.02	0.1	0.04	0.04	0.04
Main Branch	1746.419	PF 1	8.27	81.85	83.09	1.55	0.64	0.53	0.83	Main Branch	1746.419	PF 1	8.84	81.85	83.12	1.58	0.65	0.54	0.84	0	PF 1	0.57	0	0.03	0.03	0.01	0.01	0.01
Main Branch	1677.075	PF 1	8.27	81.65	82.97	1.1	0.51	0.5	0.59	Main Branch	1677.075	PF 1	8.84	81.65	83	1.12	0.52	0.5	0.6	0	PF 1	0.57	0	0.03	0.02	0.01	0	0.01
Main Branch	1641.026	PF 1	8.27	81.53	82.96	0.62	0.27	0.29	0.32	Main Branch	1641.026	PF 1	8.84	81.53	82.99	0.63	0.28	0.29	0.33	0	PF 1	0.57	0	0.03	0.01	0.01	0	0.01
Main Branch	1602.851	PF 1	8.93	81.26	82.95	0.49	0.24	0.25	0.26	Main Branch	1602.851	PF 1	9.89	81.26	82.98	0.53	0.25	0.26	0.28	0	PF 1	0.96	0	0.03	0.04	0.01	0.01	0.02
Main Branch	1578.111	PF 1	8.93	81.23	82.93	0.89	0.38	0.38	0.44	Main Branch	1578.111	PF 1	9.89	81.23	82.96	0.95	0.39	0.41	0.47	0	PF 1	0.96	0	0.03	0.06	0.01	0.03	0.03
Main Branch	1540.13	0	Culvert							Main Branch	1540.13	0	Culvert							0	0	Culvert						
Main Branch	1502.146	PF 1	8.93	81.06	82.74	0.54	0.26	0.24	0.28	Main Branch	1502.146	PF 1	9.89	81.06	82.75	0.6	0.29	0.27	0.31	0	PF 1	0.96	0	0.01	0.06	0.03	0.03	0.03
Main Branch	1496.943	PF 1	8.93	81.06	82.75	0.39	0.21	0.18	0.22	Main Branch	1496.943	PF 1	9.89	81.06	82.75	0.44	0.24	0.2	0.24	0	PF 1	0.96	0	0	0.05	0.03	0.02	0.02
Main Branch	1454.363	PF 1	8.93	80.94	82.74	0.28	0.18	0.13	0.18	Main Branch	1454.363	PF 1	9.89	80.94	82.74	0.31	0.2	0.14	0.2	0	PF 1	0.96	0	0	0.03	0.02	0.01	0.02
Main Branch	1412.105	PF 1	8.93	80.69	82.73	0.53	0.25	0.24	0.27	Main Branch	1412.105	PF 1	9.89	80.69	82.73	0.59	0.27	0.27	0.3	0	PF 1	0.96	0	0	0.06	0.02	0.03	0.03
Main Branch	1403.154	PF 1	10.75	80.71	82.73	0.69	0.35	0.32	0.37	Main Branch	1403.154	PF 1	10.75	80.71	82.73	0.69	0.35	0.32	0.37	0	PF 1	0	0	0	0	0	0	0
Main Branch	1390.674	PF 1	10.75	80.64	82.71	1.02	0.52	0.31	0.52	Main Branch	1390.674	PF 1	10.75	80.64	82.71	1.01	0.52	0.31	0.52	0	PF 1	0	0	0	-0.01	0	0	0
Main Branch	1374.7	0	Culvert							Main Branch	1374.7	0	Culvert							0	0	Culvert						
Main Branch	1358.726	PF 1	10.75	80.43	82.2	1.19	0.56	0.51	0.65	Main Branch	1358.726	PF 1	10.75	80.43	82.2	1.19	0.56	0.51	0.65	0	PF 1	0	0	0	0	0	0	0
Main Branch	1337.955	PF 1	10.75	80.28	82.21	0.6	0.32	0.28	0.33	Main Branch	1337.955	PF 1	10.75	80.28	82.21	0.6	0.32	0.28	0.33	0	PF 1	0	0	0	0	0	0	0
Main Branch	1294.834	PF 1	10.75	80.13	82.21	0.34	0.19	0.15	0.18	Main Branch	1294.834	PF 1	10.75	80.13	82.21	0.34	0.19	0.15	0.18	0	PF 1	0	0	0	0	0	0	0
Main Branch	1258.244	PF 1	10.75	79.97	82.21	0.32	0.16	0.15	0.16	Main Branch	1258.244	PF 1	10.75	79.97	82.21	0.32	0.16	0.15	0.16	0	PF 1	0	0	0	0	0	0	0
Main Branch	1220.272	PF 1	10.75	79.86	82.2	0.33	0.16	0.15	0.17	Main Branch	1220.272	PF 1	10.75	79.86	82.2	0.33	0.16	0.15	0.17	0	PF 1	0	0	0	0	0	0	0
Main Branch	1207.04	0	Culvert							Main Branch	1207.04	0	Culvert							0	0	Culvert						
Main Branch	1193.805	PF 1	10.75	79.89	81.59	0.95	0.45	0.42	0.52	Main Branch	1193.805	PF 1	10.75	79.89	81.59	0.96	0.45	0.42	0.53	0	PF 1	0	0	0	0.01	0	0	0.01
Main Branch	1175.14	PF 1	10.75	79.86	81.58	0.82	0.39	0.37	0.45	Main Branch	1175.14	PF 1	10.75	79.86	81.58	0.82	0.39	0.37	0.45	0	PF 1	0	0	0	0	0	0	0
Main Branch	1133.712	PF 1	10.75	79.58	81.58	0.46	0.26	0.21	0.28	Main Branch	1133.712	PF 1	10.75	79.58	81.57	0.46	0.26	0.21	0.28	0	PF 1	0	0	-0.01	0	0	0	0
Main Branch	1099.673	PF 1	10.75	79.64	81.57	0.61	0.28	0.29	0.32	Main Branch	1099.673	PF 1	10.75	79.64	81.56	0.62	0.28	0.3	0.32	0	PF 1	0	0	-0.01	0.01	0	0.01	0
Main Branch	1043.627	PF 1	10.75	79.71	81.57	0.34	0.13	0.13	0.14	Main Branch	1043.627	PF 1	10.75	79.71	81.56	0.34	0.13	0.13	0.14	0	PF 1	0	0	-0.01	0	0	0	0
Main Branch	1036.109	PF 1	10.75	80.81	81.57	0.2	0.12	0.15	0.14	Main Branch	1036.109	PF 1	10.75	80.81	81.56	0.2	0.12	0.15	0.15	0	PF 1	0	0	-0.01	0	0	0	0.01
Main Branch	1025.79	0	Culvert							Main Branch	1025.79	0	Culvert							0	0	Culvert						
Main Branch	1015.477	PF 1	10.75	79.38	81.55	0.28	0.1	0.13	0.13	Main Branch	1015.477	PF 1	10.75	79.38	81.55	0.28	0.1	0.13	0.13	0	PF 1	0	0	0	0	0	0	0
Main Branch	1010.39	PF 1	10.75	79.48	81.55	0.31	0.12	0.13	0.13	Main Branch	1010.39	PF 1	10.75	79.48	81.55	0.31	0.12	0.13	0.13	0	PF 1	0	0	0	0	0	0	0
Main Branch	1005.247	PF 1	10.75	79.46	81.55	0.42	0.17	0.14	0.17	Main Branch	1005.247	PF 1	10.75	79.46	81.55	0.43	0.17	0.14	0.17	0	PF 1	0	0	0	0.01	0	0	0
Main Branch	1000.899	PF 1	10.75	79.39	81.55	0.42	0.18	0.14	0.17	Main Branch	1000.899	PF 1	10.75	79.39	81.55	0.42	0.18	0.14	0.17	0	PF 1	0	0	0	0	0	0	0
Main Branch	997.7111	PF 1	10.75	79.34	81.55	0.68	0.14	0.12	0.16	Main Branch	997.7111	PF 1	10.75	79.34	81.54	0.68	0.14	0.12	0.16	0	PF 1	0	0	-0.01	0	0	0	0
Main Branch	994.75	0	Culvert							Main Branch	994.75	0	Culvert							0	0	Culvert						
Main Branch	991.7954	PF 1	10.75	79.29	81.54	0.66	0.12	0.12	0.16	Main Branch	991.7954	PF 1	10.75	79.29	81.54	0.66	0.13	0.12	0.16	0	PF 1	0	0	0	0	0.01	0	0
Main Branch	987.3221	PF 1	10.75	79.27	81.54	0.58	0.11	0.13	0.16	Main Branch	987.3221	PF 1	10.75	79.27	81.54	0.58	0.11	0.13	0.16	0	PF 1	0	0	0	0	0	0	0
Main Branch	939.82	PF 1	10.75	78.43	81.54	0.56	0.1	0.13	0.15	Main Branch	939.82	PF 1	10.75	78.43	81.54	0.56	0.1	0.13	0.15	0	PF 1	0	0	0	0	0	0	0
Main Branch	781.6302	PF 1	10.75	77.75	81.53	0.3	0.07	0.06	0.08	Main Branch	781.6302	PF 1	10.75	77.75	81.53	0.3	0.07	0.06	0.08	0	PF 1	0	0	0	0	0	0	0
Main Branch	756.0344	PF 1	10.75	77.84	81.52	0.62	0.1	0.1	0.15	Main Branch	756.0344	PF 1	10.75	77.84	81.52	0.62	0.1	0.1	0.15	0	PF 1	0	0	0	0	0	0	0
Main Branch	744.46	0	Culvert							Main Branch	744.46	0	Culvert							0	0	Culvert						
Main Branch	732.8784	PF 1	14.08	77.86	79.28	3.28	0.65	0.73	1.42	Main Branch	732.8784	PF 1	15.06	77.86	79.31	3.4	0.67	0										

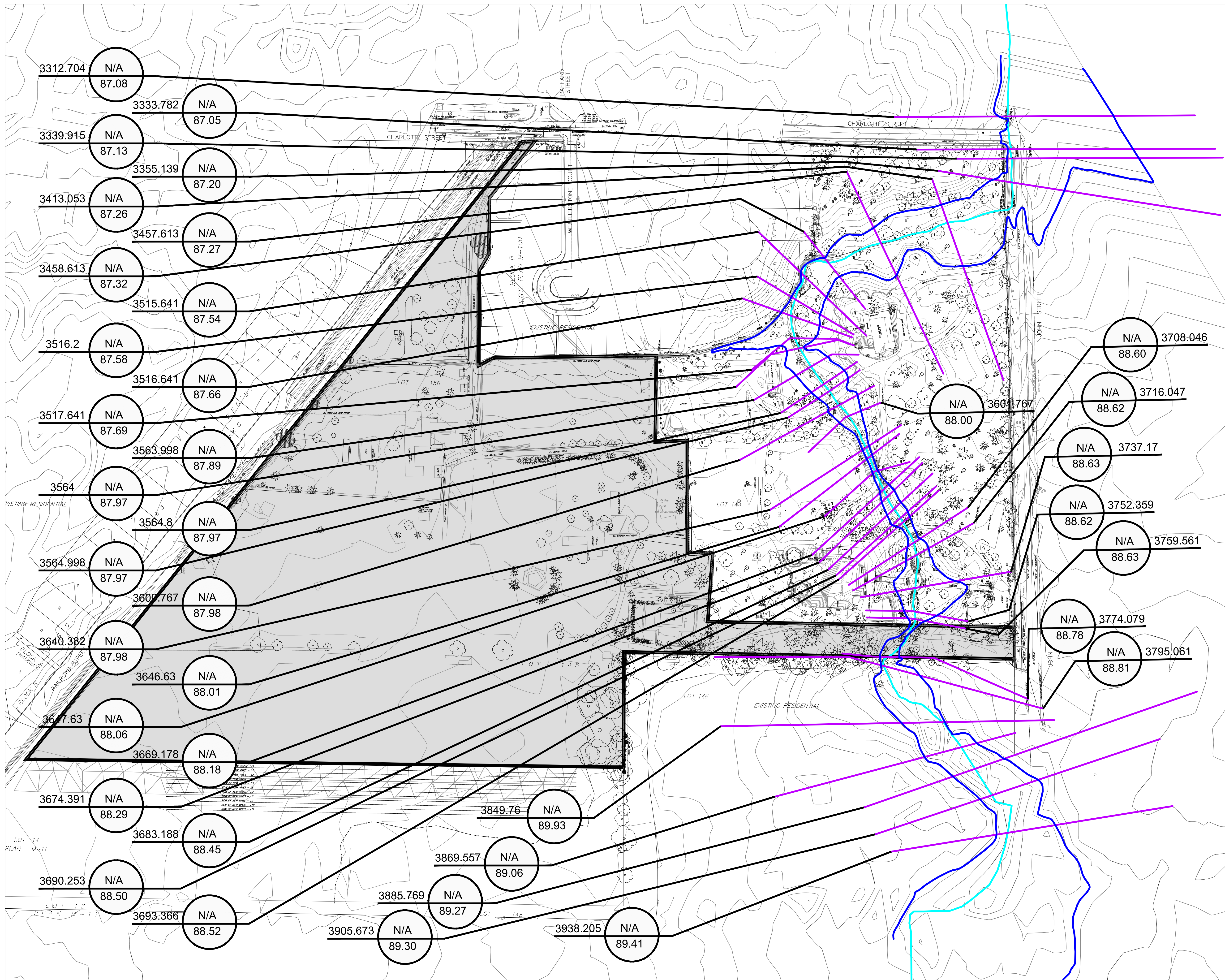
Original Model										SCE Existing April 2026								Difference (SCE Existing - Original Model)										
			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total				Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total
Main Branch	49.70778	PF 1	18.28	74.92	77.01	1.35	0.38	0.31	0.5	Main Branch	49.70778	PF 1	19.26	74.92	77.05	1.38	0.39	0.32	0.51	0	PF 1	0.98	0	0.04	0.03	0.01	0.01	0.01
Main Branch	27.2629	PF 1	18.28	75.38	76.65	3.33	0.87	0.97	1.44	Main Branch	27.2629	PF 1	19.26	75.38	76.68	3.42	0.89	0.99	1.47	0	PF 1	0.98	0	0.03	0.09	0.02	0.02	0.03
Main Branch	2.828482	PF 1	18.28	74.83	76.17	3.69	1.12	0.71	1.55	Main Branch	2.828482	PF 1	19.26	74.83	76.2	3.72	1.13	0.72	1.56	0	PF 1	0.98	0	0.03	0.03	0.01	0.01	0.01

SCE Existing April 2026											SCE Proposed March 2026-CRS Revised										Difference (SCE Proposed - SCE Existing)									
			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Volume				Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Volume			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total
Main Branch	3234.898	PF 1	4.65	86.13	86.96	1.12	0.28	0.26	0.29	129.81	Main Branch	3234.898	PF 1	4.65	86.13	86.96	1.12	0.28	0.26	0.29	129.81	0	PF 1	0	0	0	0	0	0	
Main Branch	3230.906	PF 1	4.65	86.12	86.95	1.21	0.25	0.29	0.31	129.75	Main Branch	3230.906	PF 1	4.65	86.12	86.95	1.21	0.25	0.29	0.31	129.75	0	PF 1	0	0	0	0	0	0	0
Main Branch	3224.992	0	Culvert								Main Branch	3224.992	0	Culvert								0		Culvert						
Main Branch	3219.079	PF 1	4.65	86.01	86.95	1	0.24	0.24	0.26	129.57	Main Branch	3219.079	PF 1	4.65	86.01	86.95	1	0.24	0.24	0.26	129.57	0	PF 1	0	0	0	0	0	0	0
Main Branch	3213.738	PF 1	4.65	86.02	86.94	0.8	0.2	0.21	0.23	129.47	Main Branch	3213.738	PF 1	4.65	86.02	86.94	0.8	0.2	0.21	0.23	129.47	0	PF 1	0	0	0	0	0	0	0
Main Branch	3208.049	PF 1	4.65	86.02	86.94	0.74	0.17	0.2	0.21	129.35	Main Branch	3208.049	PF 1	4.65	86.02	86.94	0.74	0.17	0.2	0.21	129.35	0	PF 1	0	0	0	0	0	0	0
Main Branch	3203.953	PF 1	4.65	86.03	86.94	0.75	0.18	0.21	0.22	129.26	Main Branch	3203.953	PF 1	4.65	86.03	86.94	0.75	0.18	0.21	0.22	129.26	0	PF 1	0	0	0	0	0	0	0
Main Branch	3198.366	PF 1	4.65	86.03	86.92	1.07	0.25	0.27	0.29	129.16	Main Branch	3198.366	PF 1	4.65	86.03	86.92	1.07	0.25	0.27	0.29	129.16	0	PF 1	0	0	0	0	0	0	0
Main Branch	3185.724	0	Culvert								Main Branch	3185.724	0	Culvert								0		Culvert						
Main Branch	3173.083	PF 1	4.65	85.93	86.91	0.78	0.16	0.21	0.22	129.01	Main Branch	3173.083	PF 1	4.65	85.93	86.91	0.78	0.16	0.21	0.22	129.01	0	PF 1	0	0	0	0	0	0	0
Main Branch	3165.263	PF 1	4.65	85.95	86.9	0.65	0.16	0.19	0.19	128.83	Main Branch	3165.263	PF 1	4.65	85.95	86.9	0.65	0.16	0.19	0.19	128.83	0	PF 1	0	0	0	0	0	0	0
Main Branch	3150.161	PF 1	4.65	85.88	86.89	0.7	0.13	0.18	0.18	128.45	Main Branch	3150.161	PF 1	4.65	85.88	86.89	0.7	0.13	0.18	0.18	128.45	0	PF 1	0	0	0	0	0	0	0
Main Branch	3131.937	PF 1	4.65	85.82	86.89	0.52	0.14	0.13	0.14	127.92	Main Branch	3131.937	PF 1	4.65	85.82	86.89	0.52	0.14	0.13	0.14	127.92	0	PF 1	0	0	0	0	0	0	0
Main Branch	3120.049	PF 1	4.65	85.81	86.88	0.54	0.15	0.14	0.15	127.54	Main Branch	3120.049	PF 1	4.65	85.81	86.88	0.54	0.15	0.14	0.15	127.54	0	PF 1	0	0	0	0	0	0	0
Main Branch	3111.347	PF 1	4.65	85.81	86.87	0.84	0.2	0.18	0.21	127.3	Main Branch	3111.347	PF 1	4.65	85.81	86.87	0.84	0.2	0.18	0.21	127.3	0	PF 1	0	0	0	0	0	0	0
Main Branch	3098.39	0	Culvert								Main Branch	3098.39	0	Culvert								0		Culvert						
Main Branch	3085.435	PF 1	4.65	85.81	86.59	3.64	1.17	1.14	1.47	127.14	Main Branch	3085.435	PF 1	4.65	85.81	86.59	3.64	1.17	1.14	1.47	127.14	0	PF 1	0	0	0	0	0	0	0
Main Branch	3083.476	PF 1	4.65	85.78	86.62	1.58	0.36	0.34	0.39	127.12	Main Branch	3083.476	PF 1	4.65	85.78	86.62	1.58	0.36	0.34	0.39	127.12	0	PF 1	0	0	0	0	0	0	0
Main Branch	3066.723	PF 1	4.65	85.78	86.62	0.56	0.16	0.14	0.16	126.77	Main Branch	3066.723	PF 1	4.65	85.78	86.62	0.56	0.16	0.14	0.16	126.77	0	PF 1	0	0	0	0	0	0	0
Main Branch	3049.816	0	Culvert								Main Branch	3049.816	0	Culvert								0		Culvert						
Main Branch	3032.911	PF 1	4.65	85.66	86.52	0.78	0.19	0.18	0.2	126.6	Main Branch	3032.911	PF 1	4.65	85.66	86.52	0.78	0.19	0.18	0.2	126.6	0	PF 1	0	0	0	0	0	0	0
Main Branch	3021.52	PF 1	4.98	85.66	86.43	2.32	0.54	0.48	0.56	126.42	Main Branch	3021.52	PF 1	4.98	85.66	86.43	2.32	0.54	0.48	0.56	126.42	0	PF 1	0	0	0	0	0	0	0
Main Branch	2997.131	PF 1	4.98	85.36	86.31	1.18	0.32	0.29	0.33	126.13	Main Branch	2997.131	PF 1	4.98	85.36	86.31	1.18	0.32	0.29	0.33	126.13	0	PF 1	0	0	0	0	0	0	0
Main Branch	2985.92	PF 1	4.98	85.36	86.29	0.71	0.23	0.19	0.22	125.92	Main Branch	2985.92	PF 1	4.98	85.36	86.29	0.71	0.23	0.19	0.22	125.92	0	PF 1	0	0	0	0	0	0	0
Main Branch	2976.638	PF 1	4.98	85.37	86.28	0.65	0.21	0.17	0.2	125.7	Main Branch	2976.638	PF 1	4.98	85.37	86.28	0.65	0.21	0.17	0.2	125.7	0	PF 1	0	0	0	0	0	0	0
Main Branch	2936.629	PF 1	4.98	85.22	86.24	0.63	0.17	0.17	0.18	124.65	Main Branch	2936.629	PF 1	4.98	85.22	86.24	0.63	0.17	0.17	0.18	124.65	0	PF 1	0	0	0	0	0	0	0
Main Branch	2884.199	PF 1	4.98	85.17	86.21	0.42	0.13	0.12	0.12	122.85	Main Branch	2884.199	PF 1	4.98	85.17	86.21	0.42	0.13	0.12	0.12	122.85	0	PF 1	0	0	0	0	0	0	0
Main Branch	2870.426	PF 1	4.98	85.14	86.2	0.55	0.15	0.14	0.15	122.34	Main Branch	2870.426	PF 1	4.98	85.14	86.2	0.55	0.15	0.14	0.15	122.34	0	PF 1	0	0	0	0	0	0	0
Main Branch	2857.31	0	Culvert								Main Branch	2857.31	0	Culvert								0		Culvert						
Main Branch	2844.185	PF 1	4.98	84.95	86.18	1.35	0.34	0.25	0.3	121.95	Main Branch	2844.185	PF 1	4.98	84.95	86.18	1.35	0.34	0.25	0.3	121.95	0	PF 1	0	0	0	0	0	0	0
Main Branch	2835.361	PF 1	4.98	84.96	86.16	1.35	0.34	0.27	0.32	121.81	Main Branch	2835.361	PF 1	4.98	84.96	86.16	1.35	0.34	0.27	0.32	121.81	0	PF 1	0	0	0	0	0	0	0
Main Branch	2803.101	PF 1	4.98	84.87	86.07	1.15	0.31	0.23	0.28	121.27	Main Branch	2803.101	PF 1	4.98	84.87	86.07	1.15	0.31	0.23	0.28	121.27	0	PF 1	0	0	0	0	0	0	0
Main Branch	2780.125	PF 1	4.98	84.83	86.05	0.54	0.15	0.13	0.14	120.67	Main Branch	2780.125	PF 1	4.98	84.83	86.05	0.54	0.15	0.13	0.14	120.67	0	PF 1	0	0	0	0	0	0	0
Main Branch	2740.31	0	Culvert								Main Branch	2740.31	0	Culvert								0		Culvert						
Main Branch	2700.496	PF 1	4.98	84.01	86.05	0.46	0.07	0.13	0.12	118.83	Main Branch	2700.496	PF 1	4.98	84.01	86.05	0.46	0.07	0.13	0.12	118.83	0	PF 1	0	0	0	0	0	0	0
Main Branch	2694.694	PF 1	4.98	84.01	86.05	0.46	0.08	0.12	0.12	118.59	Main Branch	2694.694	PF 1	4.98	84.01	86.05	0.46	0.08	0.12	0.12	118.59	0	PF 1	0	0	0	0	0	0	0
Main Branch	2683.229	PF 1	4.98	83.99	86.05	0.53	0.11	0.14	0.13	118.13	Main Branch	2683.229	PF 1	4.98	83.99	86.05	0.53	0.11	0.14	0.13	118.13	0	PF 1	0	0	0	0	0	0	0
Main Branch	2673.688	PF 1	4.98	83.97	86.04	0.84	0.13	0.24	0.22	117.84	Main Branch	2673.688	PF 1	4.98	83.97	86.04	0.84	0.13	0.24	0.22	117.84	0	PF 1	0	0	0	0	0	0	0
Main Branch	2671.682	PF 1	4.98	83.97	86.03	1.11	0.15	0.28	0.27	117.8	Main Branch	2671.682	PF 1	4.98	83.97	86.03	1.11	0.15	0.28	0.27	117.8	0	PF 1	0	0	0	0	0	0	0
Main Branch	2650.3	0	Culvert								Main Branch	2650.3	0	Culvert								0		Culvert						
Main Branch	2628.92	PF 1	4.98	83.51	86	0.1	0.03	0.03	0.03	117.54	Main Branch	2628.92	PF 1	4.98	83.51	86	0.1	0.03	0.03	0.03	117.54	0	PF 1	0	0	0	0	0	0	0
Main Branch	2606.753	PF 1	7.18	83.37	86	0.1	0.03	0.04	0.04	113.92	Main Branch	2606.753	PF 1	7.18	83.37	86	0.1	0.03	0.04	0.04	113.92	0	PF 1	0	0	0	0	0	0	0
Main Branch	2585.399	PF 1	7.18	83.36	86	0.13	0.03	0.05	0.05	110.4	Main Branch	2585.399	PF 1	7.18	83.36	86	0.13	0.03	0.05	0.05	110.4	0	PF 1	0	0	0	0	0	0	0
Main Branch	2508.461	PF 1	7.18	83.15	86	0.31	0.09	0.11	0.1	101.77	Main Branch	2508.461	PF 1	7.18	83.15	86	0.31	0.09	0.11	0.1	101.77	0	PF 1	0	0	0	0	0	0	0
Main Branch	2478.093	PF 1	7.18	83.17	85.99	0.55	0.12	0.14	0.14	99.93	Main Branch	2478.093	PF 1	7.18	83.17	85.99	0.55	0.12	0.14	0.14	99.93	0	PF 1	0	0	0	0	0	0	0
Main Branch	2464.92	0	Culvert								Main Branch	2464.92	0	Culvert								0		Culvert						
Main Branch	2451.753	PF 1	7.18	83.14	85.26	0.51	0.14	0.11	0.15	99.54	Main Branch	2451.753	PF 1	7.18	83.14	85.26	0.51	0.14	0.11	0.15	99.54	0	PF 1	0	0	0	0	0	0	0
Main Branch	2433.831	PF 1	7.18	83.14	85.26	0.43	0.12	0.11	0.13	98.62	Main Branch	2433.831	PF 1	7.18	83.14	85.26	0.43	0.12	0.11	0.13	98.62	0	PF 1	0	0	0	0	0	0	0
Main Branch	2365.753	PF 1	7.18	83.15	85.26	0.33	0.11	0.11	0.12	94.77	Main Branch	2365.753	PF 1	7.18	83.15	85.26	0.33	0.11	0											

SCE Existing April 2026											SCE Proposed March 2026-CRS Revised										Difference (SCE Proposed - SCE Existing)									
			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Volume				Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total	Volume			Q Total	Min Ch El	W.S. Elev	Vel Chnl	Vel Left	Vel Right	Vel Total
Main Branch	1952.821	PF 1	8.84	82.01	83.9	0.31	0.14	0.15	0.15	80.89	Main Branch	1952.821	PF 1	8.84	82.01	83.9	0.31	0.14	0.15	0.15	80.89	0	PF 1	0	0	0	0	0	0	
Main Branch	1911.938	PF 1	8.84	82.01	83.89	0.71	0.28	0.29	0.31	79.1	Main Branch	1911.938	PF 1	8.84	82.01	83.89	0.71	0.28	0.29	0.31	79.1	0	PF 1	0	0	0	0	0	0	
Main Branch	1797.294	PF 1	8.84	81.91	83.85	0.67	0.28	0.18	0.27	75.61	Main Branch	1797.294	PF 1	8.84	81.91	83.85	0.67	0.28	0.18	0.27	75.61	0	PF 1	0	0	0	0	0	0	
Main Branch	1779.872	PF 1	8.84	82.01	83.83	0.97	0.33	0.25	0.36	75.11	Main Branch	1779.872	PF 1	8.84	82.01	83.83	0.97	0.33	0.25	0.36	75.11	0	PF 1	0	0	0	0	0	0	
Main Branch	1767.19	0	Culvert								Main Branch	1767.19	0	Culvert								0		Culvert						
Main Branch	1754.514	PF 1	8.84	81.89	83.1	2.85	0.96	0.95	1.47	74.85	Main Branch	1754.514	PF 1	8.84	81.89	83.1	2.85	0.96	0.95	1.47	74.85	0	PF 1	0	0	0	0	0	0	
Main Branch	1746.419	PF 1	8.84	81.85	83.12	1.58	0.65	0.54	0.84	74.78	Main Branch	1746.419	PF 1	8.84	81.85	83.12	1.58	0.65	0.54	0.84	74.78	0	PF 1	0	0	0	0	0	0	
Main Branch	1677.075	PF 1	8.84	81.65	83	1.12	0.52	0.5	0.6	73.91	Main Branch	1677.075	PF 1	8.84	81.65	83	1.12	0.52	0.5	0.6	73.91	0	PF 1	0	0	0	0	0	0	
Main Branch	1641.026	PF 1	8.84	81.53	82.99	0.63	0.28	0.29	0.33	73.15	Main Branch	1641.026	PF 1	8.84	81.53	82.99	0.63	0.28	0.29	0.33	73.15	0	PF 1	0	0	0	0	0	0	
Main Branch	1602.851	PF 1	9.89	81.26	82.98	0.53	0.25	0.26	0.28	71.96	Main Branch	1602.851	PF 1	9.89	81.26	82.98	0.53	0.25	0.26	0.28	71.96	0	PF 1	0	0	0	0	0	0	
Main Branch	1578.111	PF 1	9.89	81.23	82.96	0.95	0.39	0.41	0.47	71.26	Main Branch	1578.111	PF 1	9.89	81.23	82.96	0.95	0.39	0.41	0.47	71.26	0	PF 1	0	0	0	0	0	0	
Main Branch	1540.13	0	Culvert								Main Branch	1540.13	0	Culvert								0		Culvert						
Main Branch	1502.146	PF 1	9.89	81.06	82.75	0.6	0.29	0.27	0.31	70.51	Main Branch	1502.146	PF 1	9.89	81.06	82.75	0.6	0.29	0.27	0.31	70.51	0	PF 1	0	0	0	0	0	0	
Main Branch	1496.943	PF 1	9.89	81.06	82.75	0.44	0.24	0.2	0.24	70.31	Main Branch	1496.943	PF 1	9.89	81.06	82.75	0.44	0.24	0.2	0.24	70.31	0	PF 1	0	0	0	0	0	0	
Main Branch	1454.363	PF 1	9.89	80.94	82.74	0.31	0.2	0.14	0.2	68.35	Main Branch	1454.363	PF 1	9.89	80.94	82.74	0.31	0.2	0.14	0.2	68.35	0	PF 1	0	0	0	0	0	0	
Main Branch	1412.105	PF 1	9.89	80.69	82.73	0.59	0.27	0.27	0.3	66.58	Main Branch	1412.105	PF 1	9.89	80.69	82.73	0.59	0.27	0.27	0.3	66.58	0	PF 1	0	0	0	0	0	0	
Main Branch	1403.154	PF 1	10.75	80.71	82.73	0.69	0.35	0.32	0.37	66.31	Main Branch	1403.154	PF 1	10.75	80.71	82.73	0.69	0.35	0.32	0.37	66.31	0	PF 1	0	0	0	0	0	0	
Main Branch	1390.674	PF 1	10.75	80.64	82.71	1.01	0.52	0.31	0.52	66	Main Branch	1390.674	PF 1	10.75	80.64	82.71	1.01	0.52	0.31	0.52	66	0	PF 1	0	0	0	0	0	0	
Main Branch	1374.7	0	Culvert								Main Branch	1374.7	0	Culvert								0		Culvert						
Main Branch	1358.726	PF 1	10.75	80.43	82.2	1.19	0.56	0.51	0.65	65.65	Main Branch	1358.726	PF 1	10.75	80.43	82.2	1.19	0.56	0.51	0.65	65.65	0	PF 1	0	0	0	0	0	0	
Main Branch	1337.955	PF 1	10.75	80.28	82.21	0.6	0.32	0.28	0.33	65.14	Main Branch	1337.955	PF 1	10.75	80.28	82.21	0.6	0.32	0.28	0.33	65.14	0	PF 1	0	0	0	0	0	0	
Main Branch	1294.834	PF 1	10.75	80.13	82.21	0.34	0.19	0.15	0.18	63.17	Main Branch	1294.834	PF 1	10.75	80.13	82.21	0.34	0.19	0.15	0.18	63.17	0	PF 1	0	0	0	0	0	0	
Main Branch	1258.244	PF 1	10.75	79.97	82.21	0.32	0.16	0.15	0.16	60.88	Main Branch	1258.244	PF 1	10.75	79.97	82.21	0.32	0.16	0.15	0.16	60.88	0	PF 1	0	0	0	0	0	0	
Main Branch	1220.272	PF 1	10.75	79.86	82.2	0.33	0.16	0.15	0.17	58.43	Main Branch	1220.272	PF 1	10.75	79.86	82.2	0.33	0.16	0.15	0.17	58.43	0	PF 1	0	0	0	0	0	0	
Main Branch	1207.04	0	Culvert								Main Branch	1207.04	0	Culvert								0		Culvert						
Main Branch	1193.805	PF 1	10.75	79.89	81.59	0.96	0.45	0.42	0.53	57.96	Main Branch	1193.805	PF 1	10.75	79.89	81.59	0.96	0.45	0.42	0.53	57.96	0	PF 1	0	0	0	0	0	0	
Main Branch	1175.14	PF 1	10.75	79.86	81.58	0.82	0.39	0.37	0.45	57.55	Main Branch	1175.14	PF 1	10.75	79.86	81.58	0.82	0.39	0.37	0.45	57.55	0	PF 1	0	0	0	0	0	0	
Main Branch	1133.712	PF 1	10.75	79.58	81.57	0.46	0.26	0.21	0.28	56.26	Main Branch	1133.712	PF 1	10.75	79.58	81.57	0.46	0.26	0.21	0.28	56.26	0	PF 1	0	0	0	0	0	0	
Main Branch	1099.673	PF 1	10.75	79.64	81.56	0.62	0.28	0.3	0.32	55.05	Main Branch	1099.673	PF 1	10.75	79.64	81.56	0.62	0.28	0.3	0.32	55.05	0	PF 1	0	0	0	0	0	0	
Main Branch	1043.627	PF 1	10.75	79.71	81.56	0.34	0.13	0.13	0.14	51.9	Main Branch	1043.627	PF 1	10.75	79.71	81.56	0.34	0.13	0.13	0.14	51.9	0	PF 1	0	0	0	0	0	0	
Main Branch	1036.109	PF 1	10.75	80.81	81.56	0.2	0.12	0.15	0.15	51.33	Main Branch	1036.109	PF 1	10.75	80.81	81.56	0.2	0.12	0.15	0.15	51.33	0	PF 1	0	0	0	0	0	0	
Main Branch	1025.79	0	Culvert								Main Branch	1025.79	0	Culvert								0		Culvert						
Main Branch	1015.477	PF 1	10.75	79.38	81.55	0.28	0.1	0.13	0.13	50.11	Main Branch	1015.477	PF 1	10.75	79.38	81.55	0.28	0.1	0.13	0.13	50.11	0	PF 1	0	0	0	0	0	0	
Main Branch	1010.39	PF 1	10.75	79.48	81.55	0.31	0.12	0.13	0.13	49.71	Main Branch	1010.39	PF 1	10.75	79.48	81.55	0.31	0.12	0.13	0.13	49.71	0	PF 1	0	0	0	0	0	0	
Main Branch	1005.247	PF 1	10.75	79.46	81.55	0.43	0.17	0.14	0.17	49.33	Main Branch	1005.247	PF 1	10.75	79.46	81.55	0.43	0.17	0.14	0.17	49.33	0	PF 1	0	0	0	0	0	0	
Main Branch	1000.899	PF 1	10.75	79.39	81.55	0.42	0.18	0.14	0.17	49.05	Main Branch	1000.899	PF 1	10.75	79.39	81.55	0.42	0.18	0.14	0.17	49.05	0	PF 1	0	0	0	0	0	0	
Main Branch	997.7111	PF 1	10.75	79.34	81.54	0.68	0.14	0.12	0.16	48.85	Main Branch	997.7111	PF 1	10.75	79.34	81.54	0.68	0.14	0.12	0.16	48.85	0	PF 1	0	0	0	0	0	0	
Main Branch	994.75	0	Culvert								Main Branch	994.75	0	Culvert								0		Culvert						
Main Branch	991.7954	PF 1	10.75	79.29	81.54	0.66	0.13	0.12	0.16	48.5	Main Branch	991.7954	PF 1	10.75	79.29	81.54	0.66	0.13	0.12	0.16	48.5	0	PF 1	0	0	0	0	0	0	
Main Branch	987.3221	PF 1	10.75	79.27	81.54	0.58	0.11	0.13	0.16	48.19	Main Branch	987.3221	PF 1	10.75	79.27	81.54	0.58	0.11	0.13	0.16	48.19	0	PF 1	0	0	0	0	0	0	
Main Branch	939.82	PF 1	10.75	78.43	81.54	0.56	0.1	0.13	0.15	44.87	Main Branch	939.82	PF 1	10.75	78.43	81.54	0.56	0.1	0.13	0.15	44.87	0	PF 1	0	0	0	0	0	0	
Main Branch	781.6302	PF 1	10.75	77.75	81.53	0.3	0.07	0.06	0.08	28.56	Main Branch	781.6302	PF 1	10.75	77.75	81.53	0.3	0.07	0.06	0.08	28.56	0	PF 1	0	0	0	0	0	0	
Main Branch	756.0344	PF 1	10.75	77.84	81.52	0.62	0.1	0.1	0.15	25.91	Main Branch	756.0344	PF 1	10.75	77.84	81.52	0.62	0.1	0.1	0.15	25.91	0	PF 1	0	0	0	0	0	0	
Main Branch	744.46	0	Culvert								Main Branch	744.46	0	Culvert								0		Culvert						
Main Branch	732.8784	PF 1	15.06	77.86	79.31	3.4	0.67	0.75	1.45	25.36	Main Branch	732.8784	PF 1	15.06	77.86	79.31	3.4	0.67	0.75	1.45	25.36	0	PF 1	0	0	0	0	0	0	
Main Branch	718.7899	PF 1	15.06	77.67	78.94	2.05	0.55	0.46	0.7	25.13	Main Branch	718.7899	PF 1	15.06	77.67	78.94	2.05	0.55	0.46	0.7	25.13	0	PF 1	0	0	0	0	0	0	
Main Branch	599.9061	PF 1	15.06	76.08	78.07	2.65	0.7	0.57	1.21	23.11	Main Branch	599.9061	PF 1	15.06	76.08	78.07	2.65	0.7	0.57	1.21	23.11	0	PF 1	0	0	0	0	0	0	
Main Branch	565.017	PF 1	15.06	75.52	78.14	1.21	0.26	0.28	0.38	22.2	Main Branch	565.017	PF 1	15.06	75.52	78.14	1.21	0.26	0.28	0.38	22.2	0	PF 1	0	0	0	0	0	0	
Main Branch	437.2105	PF 1	19.26	75.81	77.38	3.66	0.74	0.88	1.6	18.92	Main Branch	437.2105	PF 1	19.26	75.81	77.38	3.66	0.74	0.88	1.6	18.92	0	PF 1	0	0	0	0	0	0	
Main Branch	340.9343	PF 1	19.26	75.25	77.39	1.03	0.4	0.22	0.48	16.4	Main Branch	340.93																		





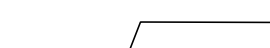
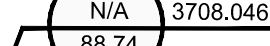
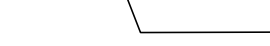
Appendix - C

Floodplain Mapping Engineering Drawings & Topographic Survey Map



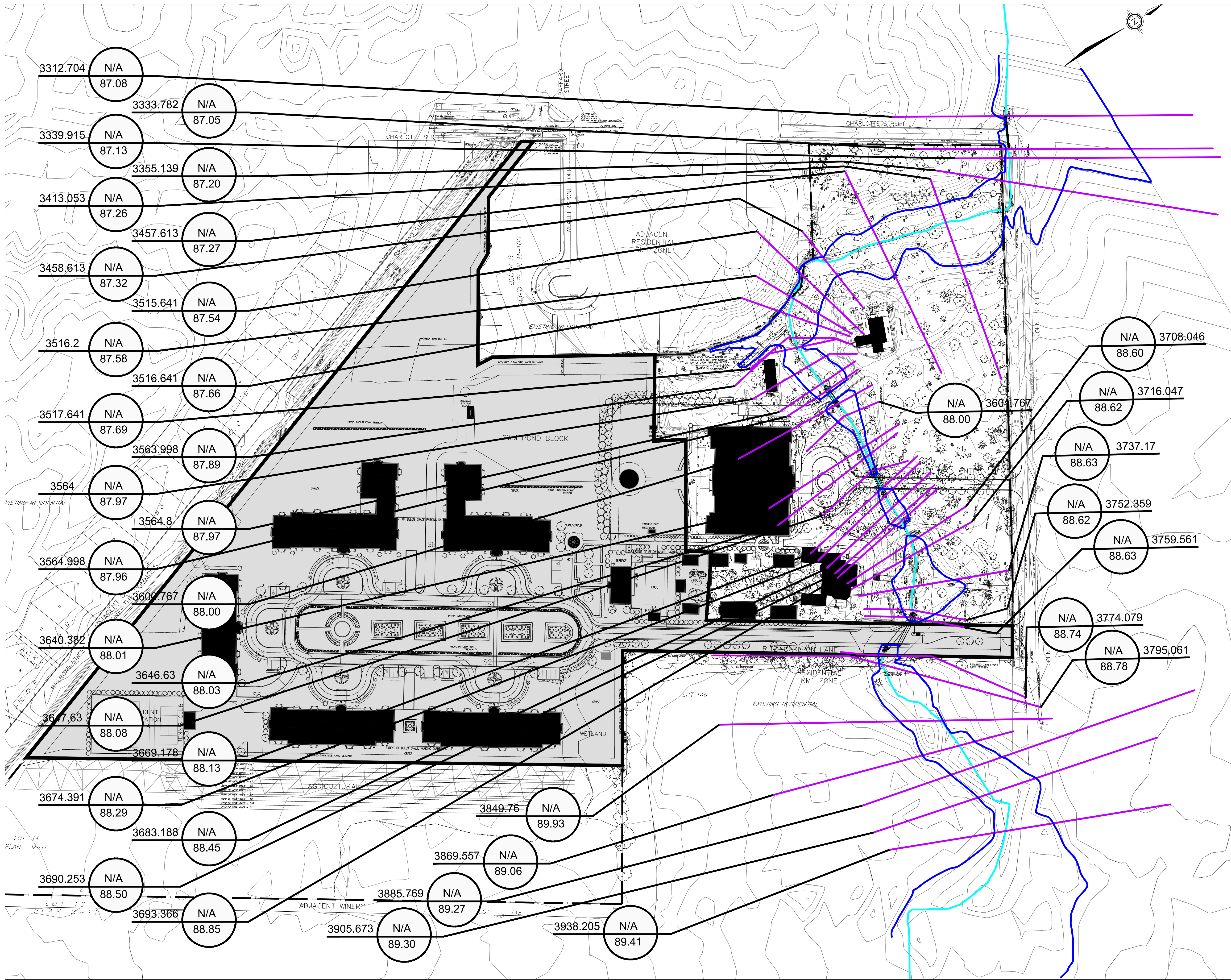
SOLMAR DEVELOPMENT CORPORATION
 RITZ CARLTON HOTEL, SPA & RESIDENCES
 144 JOHN STREET EAST,
 NIAGARA ON THE LAKE, ONTARIO

LEGEND

-  SUBJECT AREA
-  EXISTING HEC RAS 100 YEAR FLOODLINE
-  EXISTING HEC RAS WATERCOURSE
-  EXISTING HEC RAS CROSS SECTION
-  REGIONAL FLOOD ELEVATION
-  HEC RAS CROSS SECTION ID
-  100 YEAR FLOOD ELEVATION

 **SCHAEFFERS**
 CONSULTING ENGINEERS
 6 Ronrose Drive, Concord, Ontario L4K 4R3
 Tel: (905) 738-6100 Email: general@schaeffers.com
www.schaeffers.com

DRAWING 1
 EXISTING 100 YEAR FLOODLINE

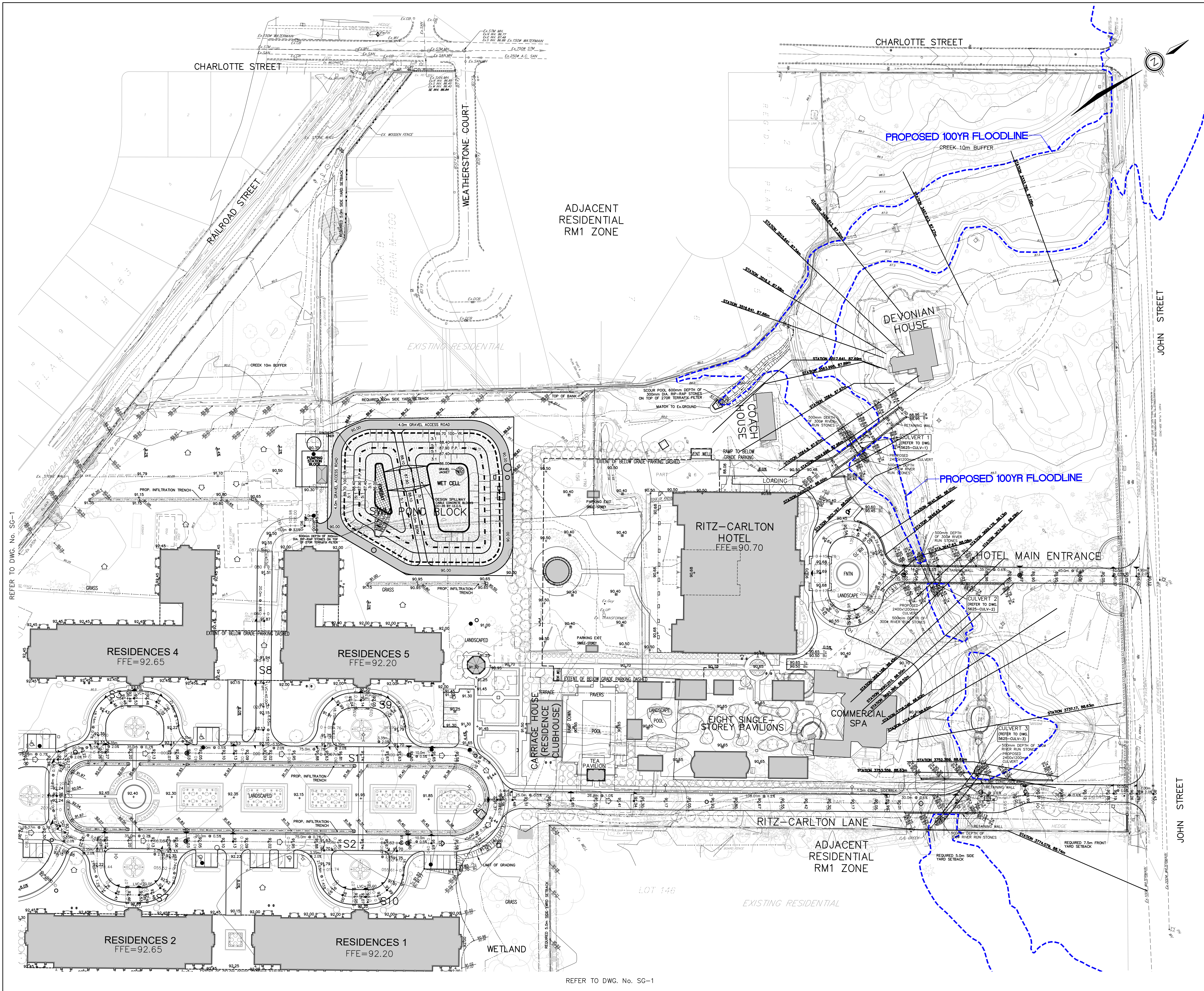


SOLMAR DEVELOPMENT CORPORATION
 RITZ CARLTON HOTEL, SPA & RESIDENCES
 144 JOHN STREET EAST,
 NIAGARA ON THE LAKE, ONTARIO

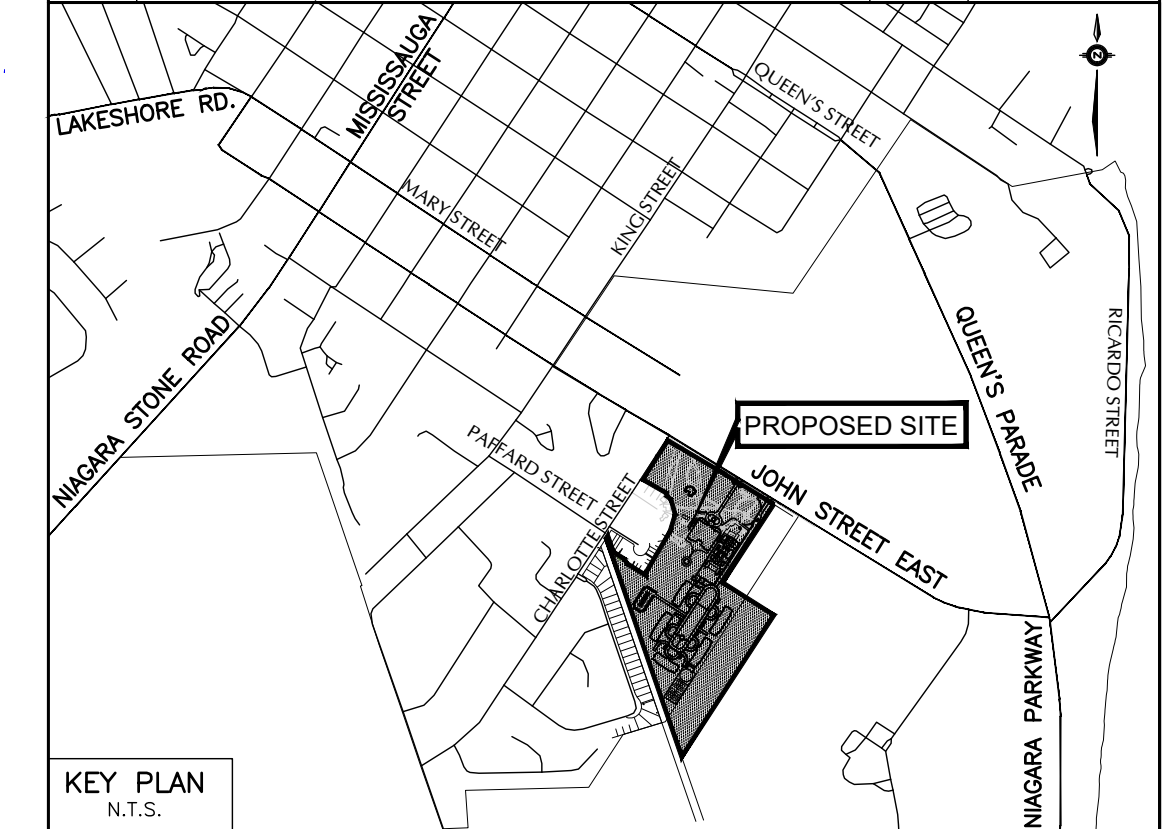
- LEGEND**
- SUBJECT AREA
 - PROPOSED HEC RAS 100 YEAR FLOODLINE
 - PROPOSED HEC RAS WATERCOURSE
 - PROPOSED HEC RAS CROSS SECTION
 - REGIONAL FLOOD ELEVATION
 - HEC RAS CROSS SECTION ID
 - 100 YEAR FLOOD ELEVATION

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DRAWING 2
 PROPOSED 100 YEAR FLOODLINE



REVISIONS			
No.	DESCRIPTION	By	Date



- LEGEND**
- ⊕ DENOTES VALVE AND CHAMBER
 - ⊙ DENOTES HYDRANT
 - DENOTES SINGLE CATCHBASIN
 - DENOTES SANITARY MANHOLE
 - DENOTES STORM MANHOLE
 - × 181.50 DENOTES PROPOSED ELEVATION
 - 188.50 DENOTES EXISTING CONTOUR
 - DENOTES OVERLAND FLOW ROUTE
 - DENOTES NATURAL OVERLAND FLOW ROUTE
 - DENOTES INFILTRATION TRENCH
 - DENOTES PROPERTY LINE
 - DENOTES EX. TREE TO BE PROTECTED

BENCHMARK No.
 ELEVATIONS ARE BASED ON THE CANADIAN GEODETIC DATUM AND WERE DERIVED FROM BENCH MARK 63U3536, HAVING A PUBLISHED ELEVATION OF 87.59 METRES.

No.	Date	Issued for



SOLMAR DEVELOPMENT CORPORATION
 RITZ CARLTON HOTEL, SPA & RESIDENCES
 144 JOHN STREET EAST,
 NIAGARA ON THE LAKE, ONTARIO

SCHAEFFERS
 CONSULTING ENGINEERS
 6 Ronrose Drive, Concord, Ontario L4K 4R3
 Tel: (905) 738-6100
 Fax: (905) 738-6875
 E-mail: design@schaeffers.com
 SCHAEFFER & ASSOCIATES LTD.

PROJECT No. 2026-5625 DRAWING No. SG-2



OPERATIONS DEPARTMENT APPROVAL
 SIGNATURE: DOUG KERR DATE: _____
 NAME: _____ POSITION: MANAGER OF PUBLIC WORKS

FIRE DEPARTMENT APPROVAL
 SIGNATURE: ALEX BURBIDGE DATE: _____
 NAME: _____ POSITION: FIRE CHIEF

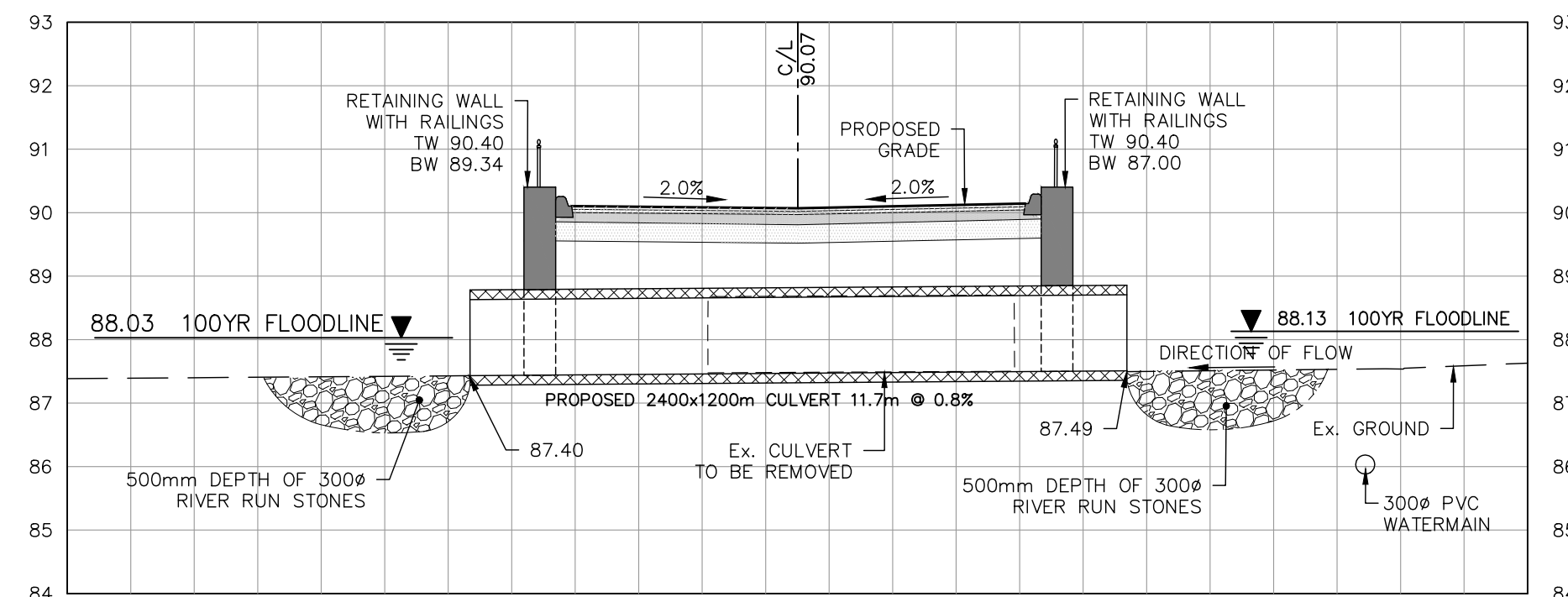
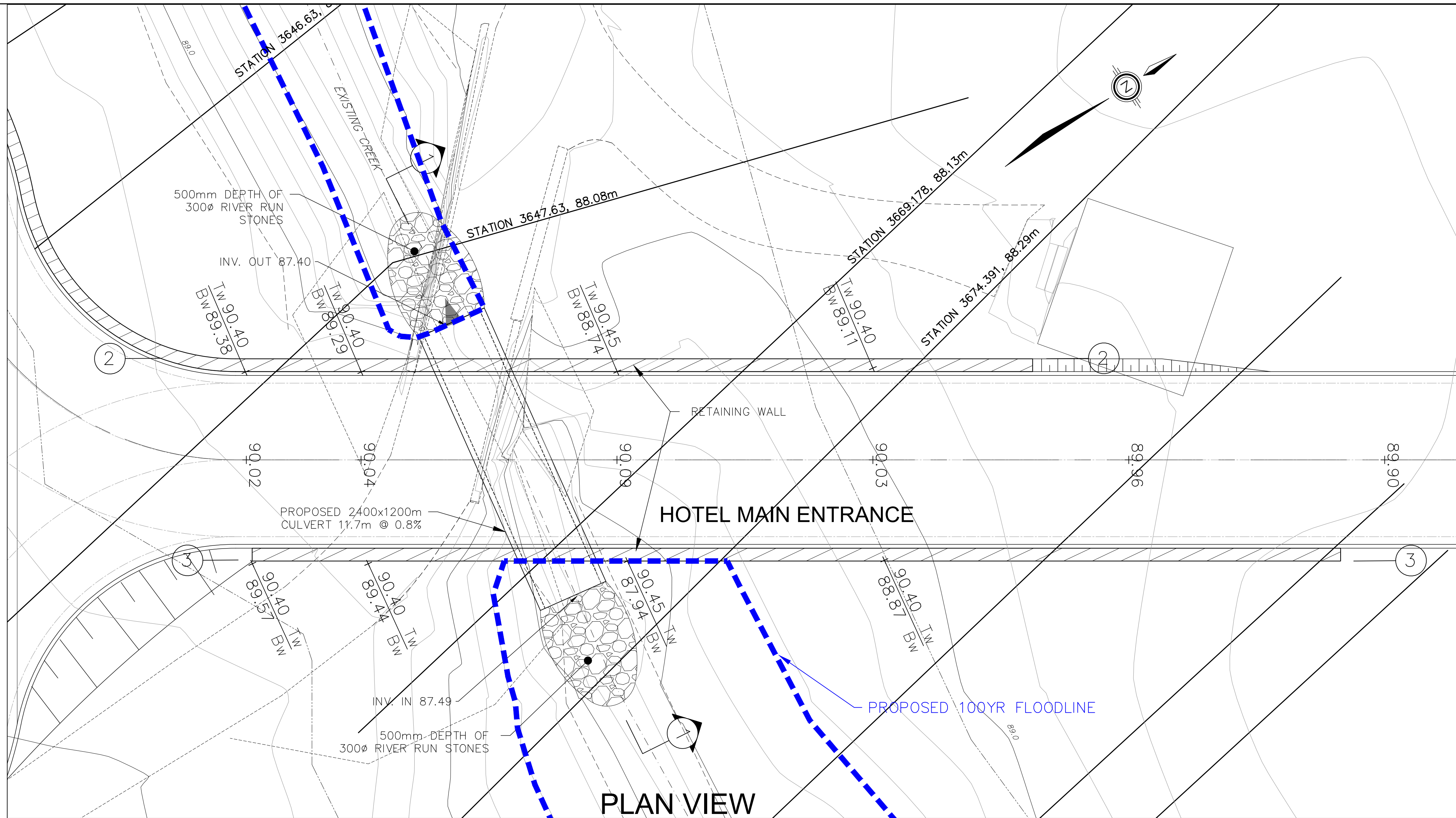
SITE GRADING PLAN
 (PART 2)

DESIGNED BY: F.T. DATE: FEBRUARY 2026 CHECKED BY: F.T.
 DRAWN BY: T.K. APPROVED BY: P.S.

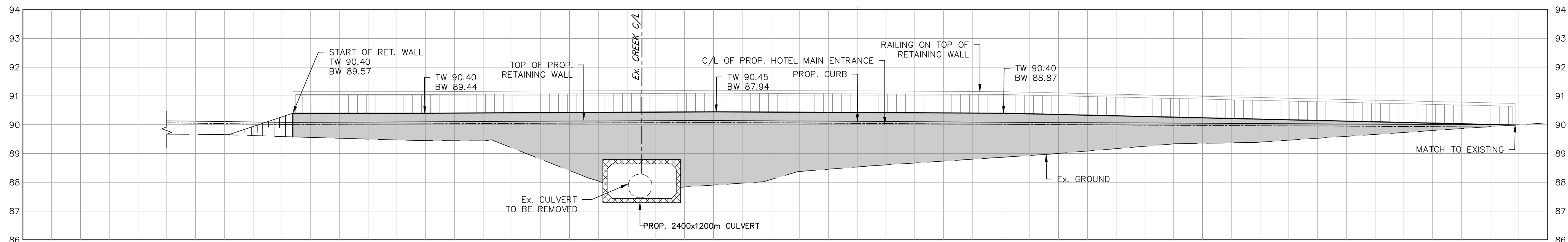
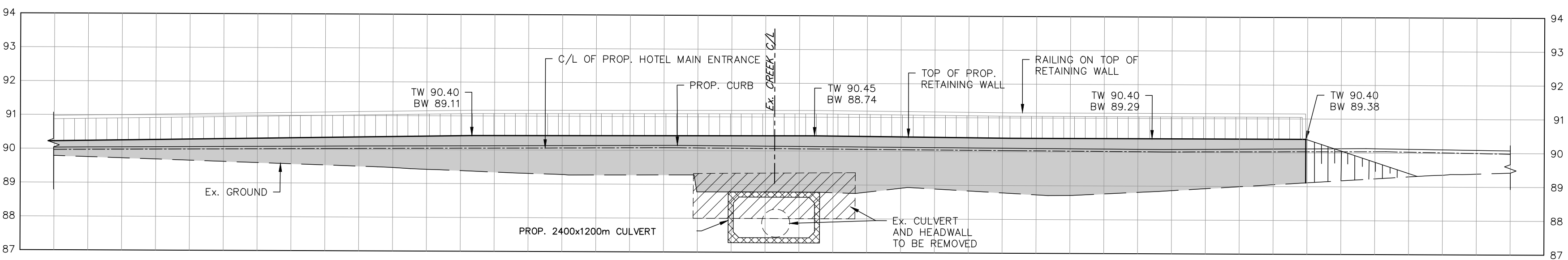
SCALE 1:750 0 15 30 45 60 75m

REFER TO DWG. No. SG-1

REFER TO DWG. No. SG-1



REVISIONS			
No.	DESCRIPTION	By	Date



BENCHMARK No.
 ELEVATIONS ARE BASED ON THE CANADIAN GEODETIC DATUM AND WERE DERIVED FROM BENCH MARK 63U3536, HAVING A PUBLISHED ELEVATION OF 87.59 metres.

No.	Date	Issued for



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 NIAGARA ON THE LAKE, ONTARIO

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 Fax: (905) 738-6875
 E-mail: design@schaeffers.com

PROJECT No. 2026-5625 | DRAWING No. CULV-2



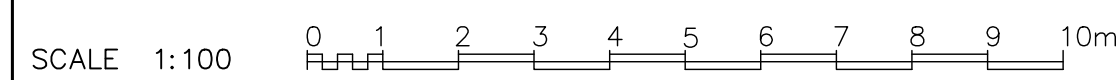
OPERATIONS DEPARTMENT APPROVAL

SIGNATURE: DOUG KERR
 DATE: _____
 POSITION: MANAGER OF PUBLIC WORKS

SIGNATURE: ALEX BURBIDGE
 DATE: _____
 POSITION: FIRE CHIEF

CULVERT 2

DESIGNED BY: F.T. | DATE: FEBRUARY 2026 | CHECKED BY: F.T.
 DRAWN BY: T.K. | APPROVED BY: P.S.



SKETCH FOR DISCUSSION PURPOSES

SCALE 1:100



CAUTION

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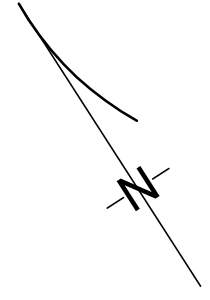
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NOTE

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THE FIELD OBSERVATIONS REPRESENTED ON THIS PLAN WERE COMPLETED ON THE 26th DAY OF AUGUST, 2021.

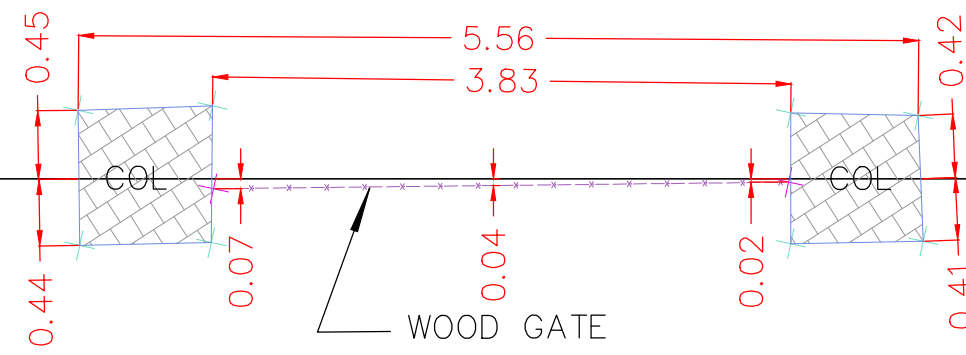
ADDITIONAL FIELD OBSERVATIONS WERE COMPLETED ON THE 26th DAY OF OCTOBER, 2021.



FORCED ROAD KNOWN AS JOHN STREET

PART 1, PLAN 30R -- 3422

(TRANSFERRED TO THE CORPORATION OF THE TOWN OF NIAGARA--ON--THE--LAKE BY INST. R0464495)



20.12

LOT 145
PART 1, PLAN 30R -- 1792



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Woodbridge, Ontario L4L 8A3
Tel.(416)635-5000 Fax (416)635-5001
Tel.(905)264-0881 Fax (905)264-2099
Website: www.r-pe.ca

DRAWN:

JOB No.

CAD FILE No.18330pk01

SKETCH FOR DISCUSSION PURPOSES

SCALE 1:100



CAUTION

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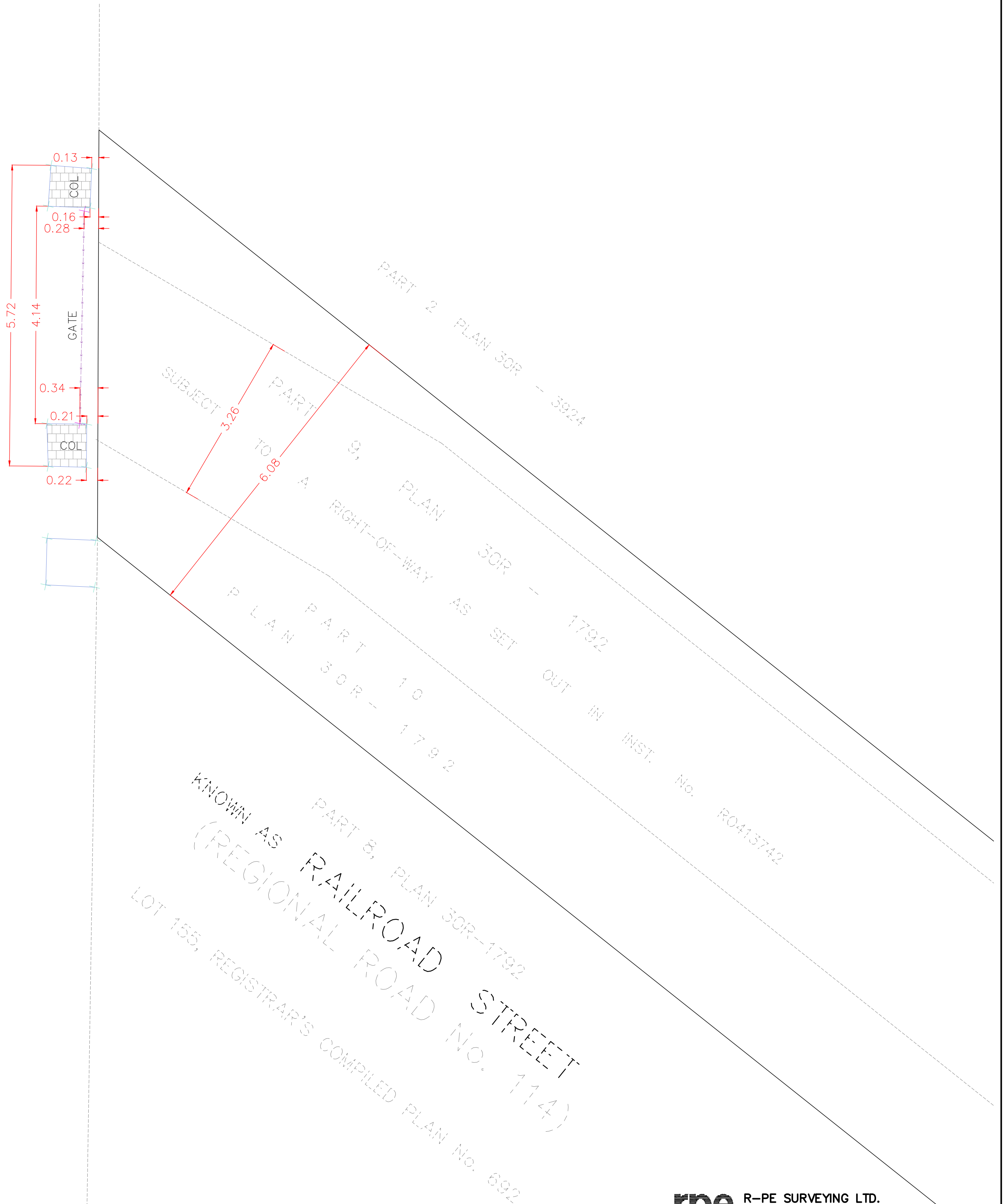
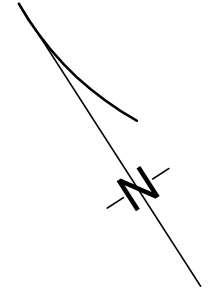
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ADDITIONAL FIELD OBSERVATIONS WERE COMPLETED ON THE 26th DAY OF OCTOBER, 2021.



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 Tel.(905)264-0881 Fax (905)264-2099
 Website: www.r-pe.ca

DRAWN:

JOB No.

CAD FILE No.18330sk01

**SKETCH SHOWING ELEVATION
FOR ENGINEER'S USE**

SCALE 1:800
10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90metres

R-PE SURVEYING LTD., O.L.S.
METRIC

LEGEND

- COL DENOTES COLUMN
- CONC. DENOTES CONCRETE
- RW DENOTES RETAINING WALL
- FFE DENOTES FINISHED FLOOR ELEVATION
- MW DENOTES MONITORING WELL
- X- DENOTES FENCE LINE

BENCHMARK NOTE

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO SPECIFIED CONTROL POINT 1092002077 HAVING AN ORTHOMETRIC ELEVATION OF 90.76 METRES. ELEVATIONS ARE REFERENCED TO THE CANADIAN GEODETIC VERTICAL DATUM OF 1928, 1978 ADJUSTMENT (CGVD-1928/1978).

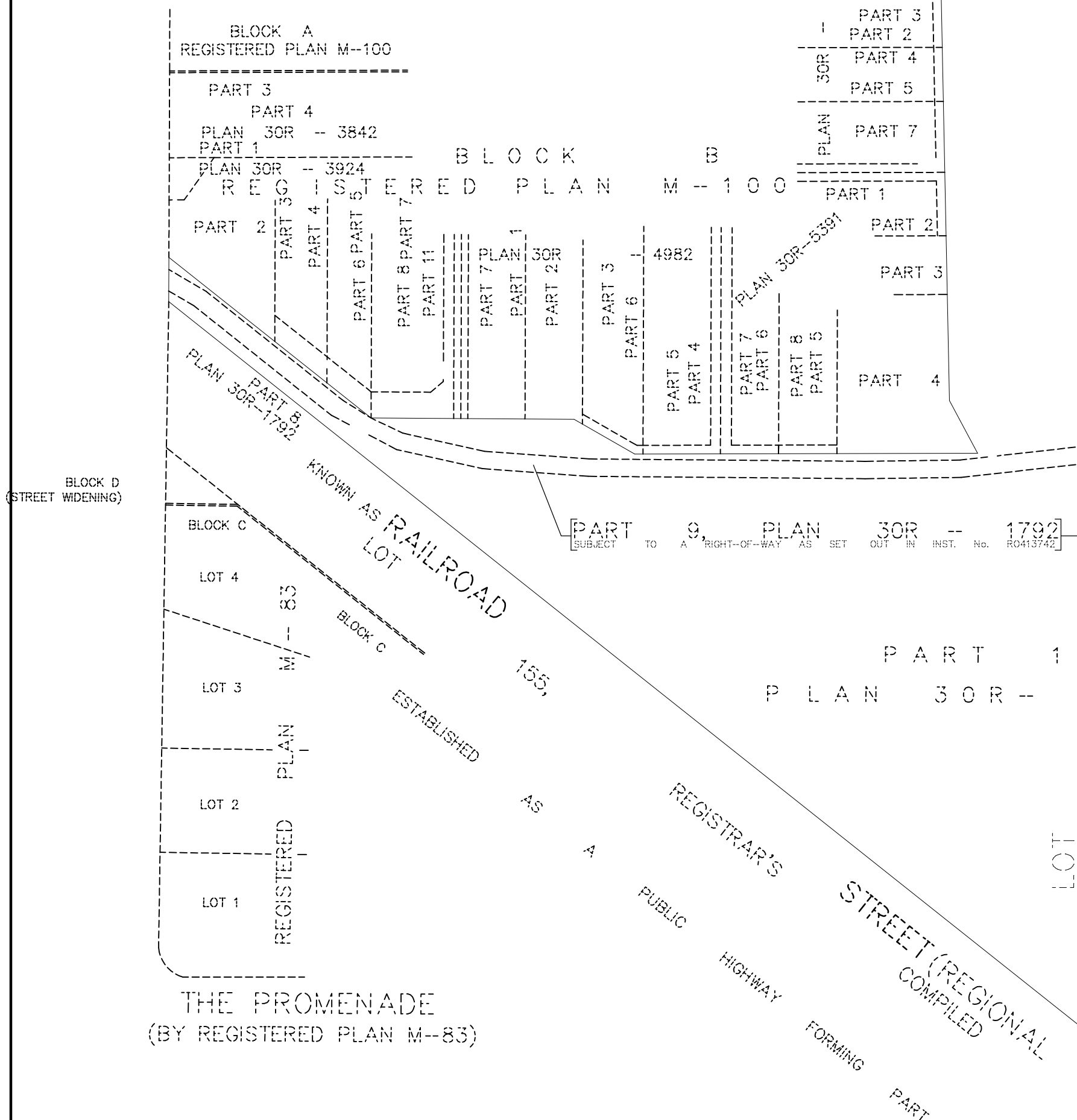
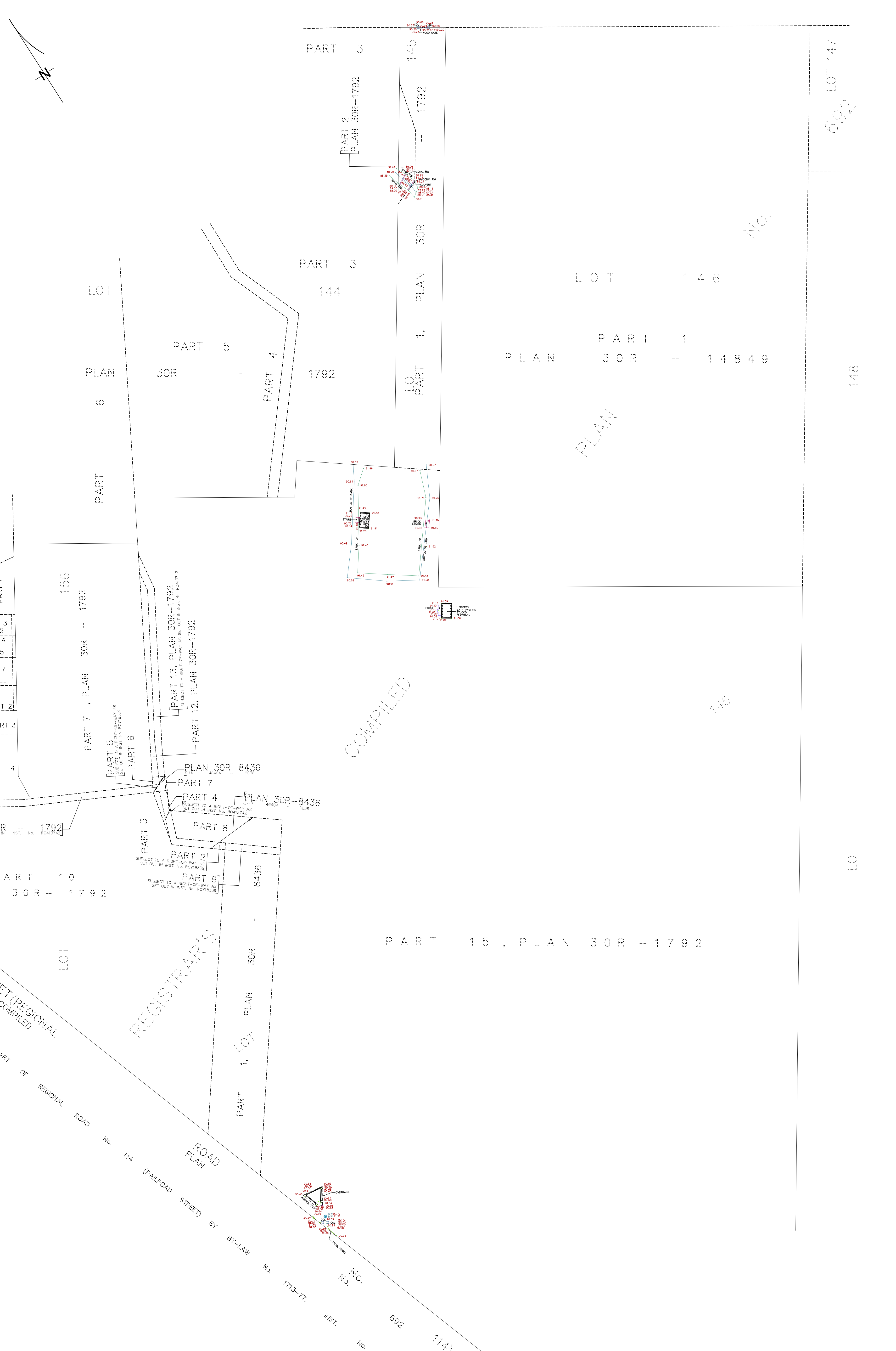
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NOTE

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FORCED ROAD KNOWN AS
PART 1, PLAN 3OR -- 3422
(TRANSFERRED TO THE CORPORATION OF THE TOWN OF NIAGARA-ON-THE-LAKE BY INST. R0464495)



COMPILED

THE PROMENADE
(BY REGISTERED PLAN M-83)


REGISTRAR'S STREET (REGIONAL COMPILED)
PUBLIC HIGHWAY FORMING PART OF REGIONAL ROAD No. 114 (RAILROAD STREET) BY BY-LAW No. 1713-77, INST. No. 6922 (17-4)

SKETCH SHOWING ELEVATION FOR ENGINEER'S USE

SCALE 1:800
10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90metres

R-PE SURVEYING LTD., O.L.S.
METRIC

LEGEND

COL	DENOTES COLUMN
BXB	DENOTES BELL BOX
Ø	DENOTES DIAMETER
-X-	DENOTES FENCE LINE
HV	DENOTES HYDRO VAULT
MH	DENOTES MANHOLE
BXC	DENOTES CABLE BOX
⊗	DENOTES DECIDUOUS TREE
CB	DENOTES CATCH BASIN
LS	DENOTES LAMP STANDARD
BF	DENOTES BOARD FENCE
STF	DENOTES STONE FENCE
INV.	DENOTES INVERT ELEVATION
	DENOTES CURB CUT

CAUTION

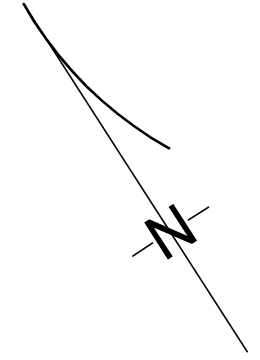
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NOTE

BOUNDARY LINE-WORK TAKEN FROM R-PE CAD FILE No.18-330-POS. THIS SKETCH IS AN ORIGINAL COPY IF EMBOSSED BY THE SURVEYOR.
THE FIELD OBSERVATIONS REPRESENTED ON THIS PLAN WERE COMPLETED ON THE 26th DAY OF AUGUST, 2021.
ADDITIONAL FIELD OBSERVATIONS WERE COMPLETED ON THE 26th DAY OF OCTOBER, 2021.
ADDITIONAL FIELD OBSERVATIONS WERE COMPLETED ON THE 19th DAY OF SEPTEMBER, 2023.



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Tel.(905)264-0881 Fax (905)264-2099
Website: www.r-pe.ca
DRAWN: A.Q.
JOB No. 18-330 CAD FILE No.18330tp02b

SKETCH FOR ENGINEER'S USE

SCALE 1:800
10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90metres

R-PE SURVEYING LTD., O.L.S.
METRIC

LEGEND

• DENOTES DIAMETER

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BENCHMARK NOTE

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NOTE

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THE FIELD OBSERVATIONS REPRESENTED ON THIS PLAN WERE COMPLETED ON THE 22ND DAY OF NOVEMBER, 2023.
THE ADDITION FIELD OBSERVATIONS WERE COMPLETED ON THE 24TH DAY OF NOVEMBER, 2023.
THE ADDITION FIELD OBSERVATIONS WERE COMPLETED ON THE 31ST DAY OF JANUARY, 2024.

PART 2
PLAN 30R--1792

145

1792

CENTRE OF CREEK

30R

PART 3

144

1792

PART 1

1792

LOT

PART 1

LOT

146

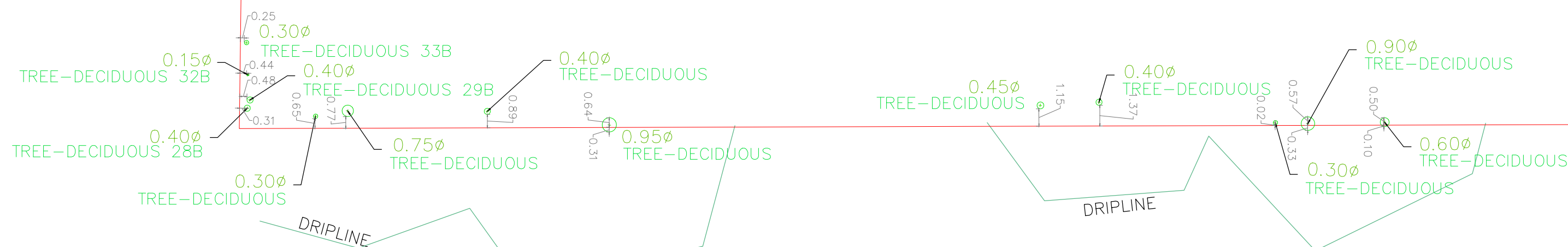
PLAN

PART 1

30R

148

PLAN



SKETCH FOR ENGINEER'S USE

SCALE 1:800
10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90metres

R-PE SURVEYING LTD., O.L.S.
METRIC

LEGEND

• DENOTES DIAMETER

CAUTION

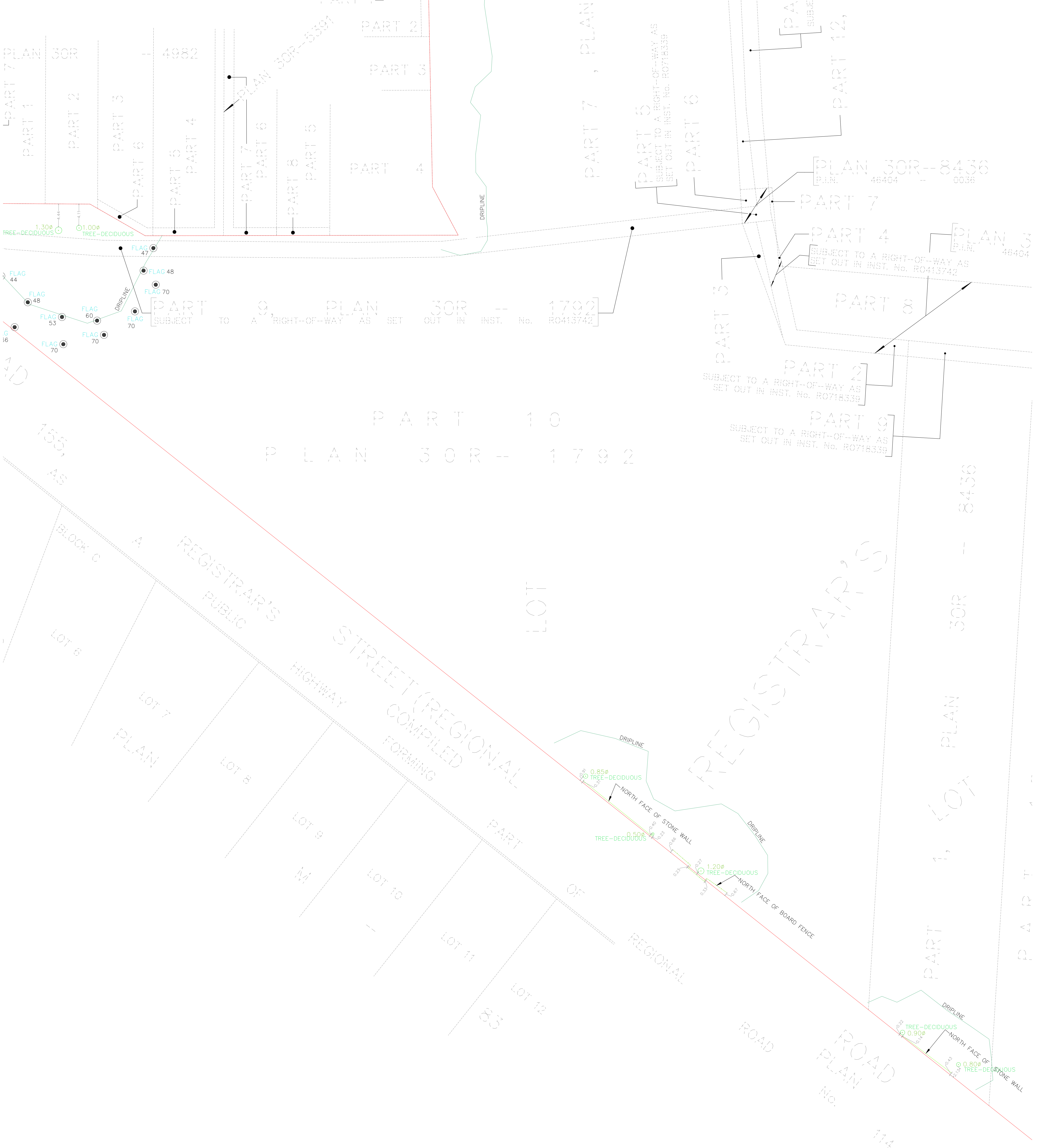
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NOTE

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THE ADDITION FIELD OBSERVATIONS WERE COMPLETED ON THE 24TH DAY OF NOVEMBER, 2023.
THE ADDITION FIELD OBSERVATIONS WERE COMPLETED ON THE 31ST DAY OF JANUARY, 2024.



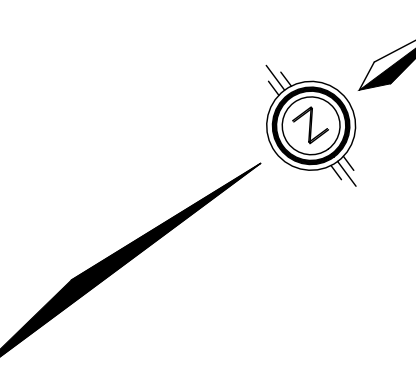
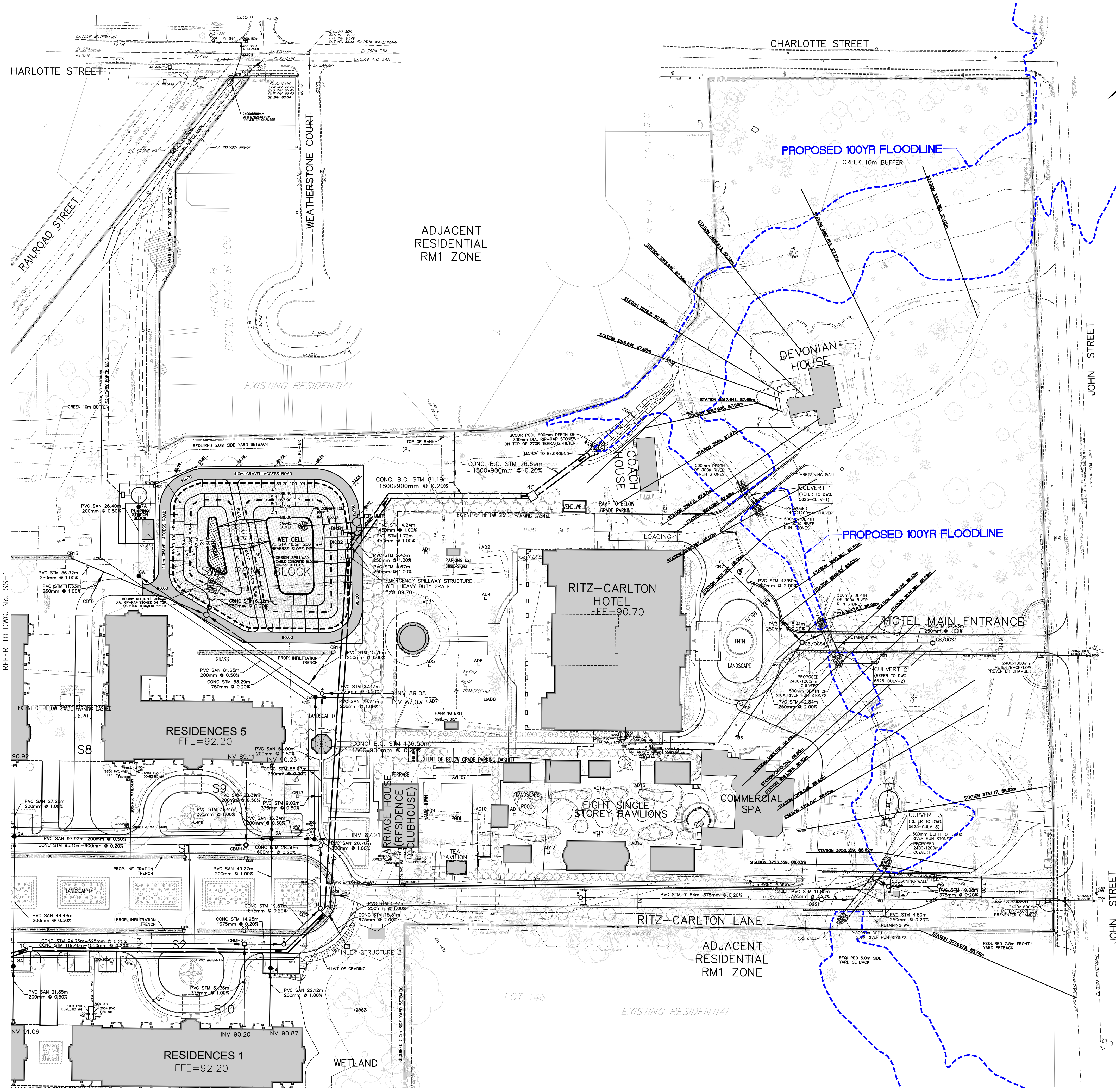
Appendix - D

Digital Copy of

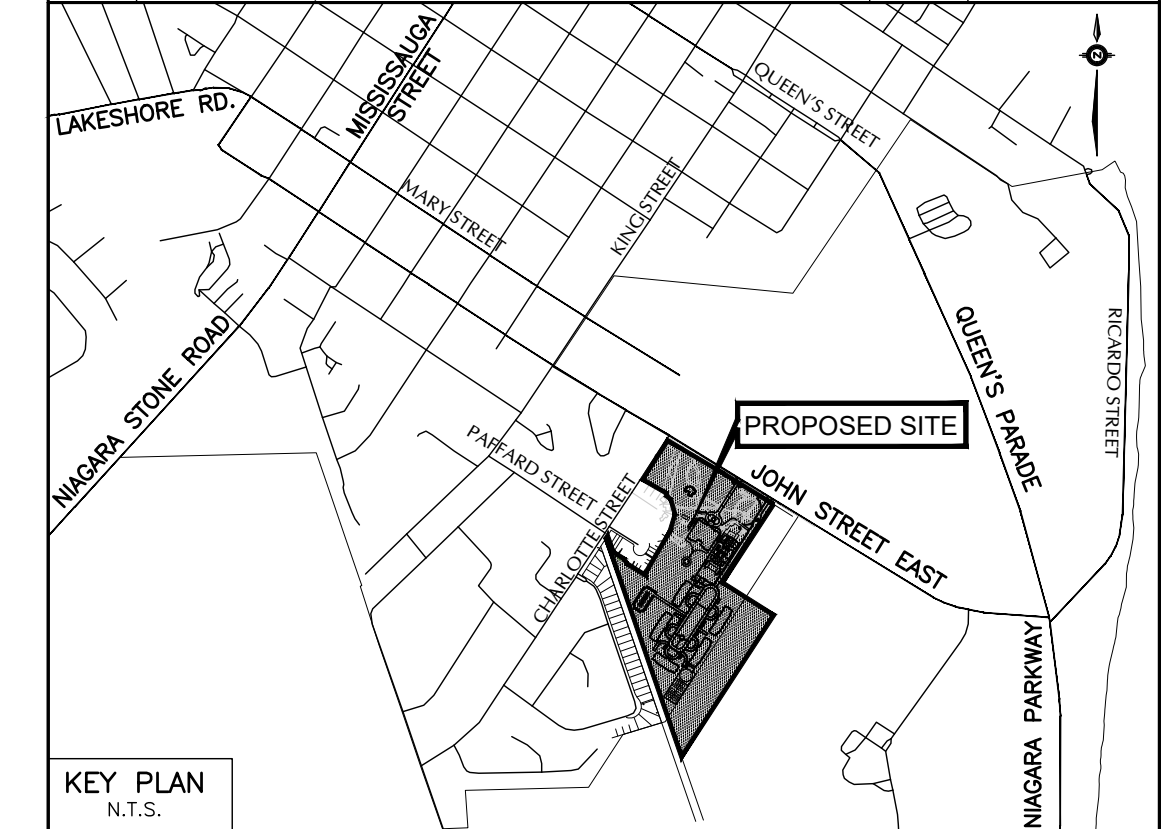
- **HEC-RAS Model**
- **HEC-HMS Model**

APPENDIX F

ENGINEERING DRAWINGS



REVISIONS			
No.	DESCRIPTION	By	Date



- NOTES**
- THE LOCATION OF ALL UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON CONTRACT DRAWINGS, AND WHERE SHOWN THE ACCURACY OF THE LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES ARE NOT GUARANTEED. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITIES OF DAMAGE.
 - ALL AREAS DISTURBED DURING CONSTRUCTION OF SEWERS AND WATERMANS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF NIAGARA-ON-THE-LAKE AND NIAGARA REGION ENGINEERING DEPARTMENT. GRASSED AREAS TO BE TOPPED WITH 100mm TOPSOIL AND SODDED AS PER OPSD 218.01. ALL EXISTING SERVICES SHALL BE ADJUSTED TO SUIT NEW GRADES.
- LEGEND:**
- ⊕ DENOTES VALVE AND CHAMBER
 - ⊙ DENOTES HYDRANT
 - DENOTES SINGLE CATCHBASIN
 - DENOTES DOUBLE CATCHBASIN
 - DENOTES SANITARY MANHOLE
 - DENOTES STORM MANHOLE
 - ⊕ DENOTES STORM CATCHBASIN MANHOLE
 - — — DENOTES PROPERTY LINE
 - — — DENOTES INFILTRATION TRENCH
 - — — DENOTES TREE PROTECTION BARRIER
 - ⊙ DENOTES EX. TREE TO BE PROTECTED

BENCHMARK No.
 ELEVATIONS ARE BASED ON THE CANADIAN GEODETIC DATUM AND WERE DERIVED FROM BENCH MARK 63U3536, HAVING A PUBLISHED ELEVATION OF 87.59 METRES.

No.	Date	Issued for

SOLMAR DEVELOPMENT CORPORATION
 RITZ CARLTON HOTEL, SPA & RESIDENCES
 144 JOHN STREET EAST,
 NIAGARA ON THE LAKE, ONTARIO

SCHAEFFERS
 CONSULTING ENGINEERS
 6 Ronrose Drive, Concord, Ontario L4K 4R3
 Tel: (905) 738-6100
 Fax: (905) 738-6875
 E-mail: design@schaeffers.com

PROJECT No. 2026-5625 DRAWING No. SS-2



OPERATIONS DEPARTMENT APPROVAL

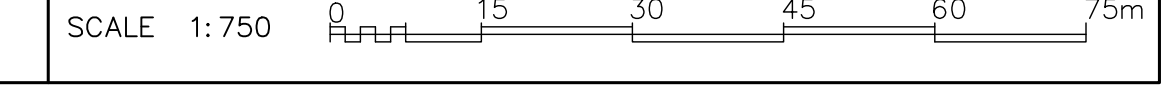
SIGNATURE: DOUG KERR DATE: _____
 POSITION: MANAGER OF PUBLIC WORKS

FIRE DEPARTMENT APPROVAL

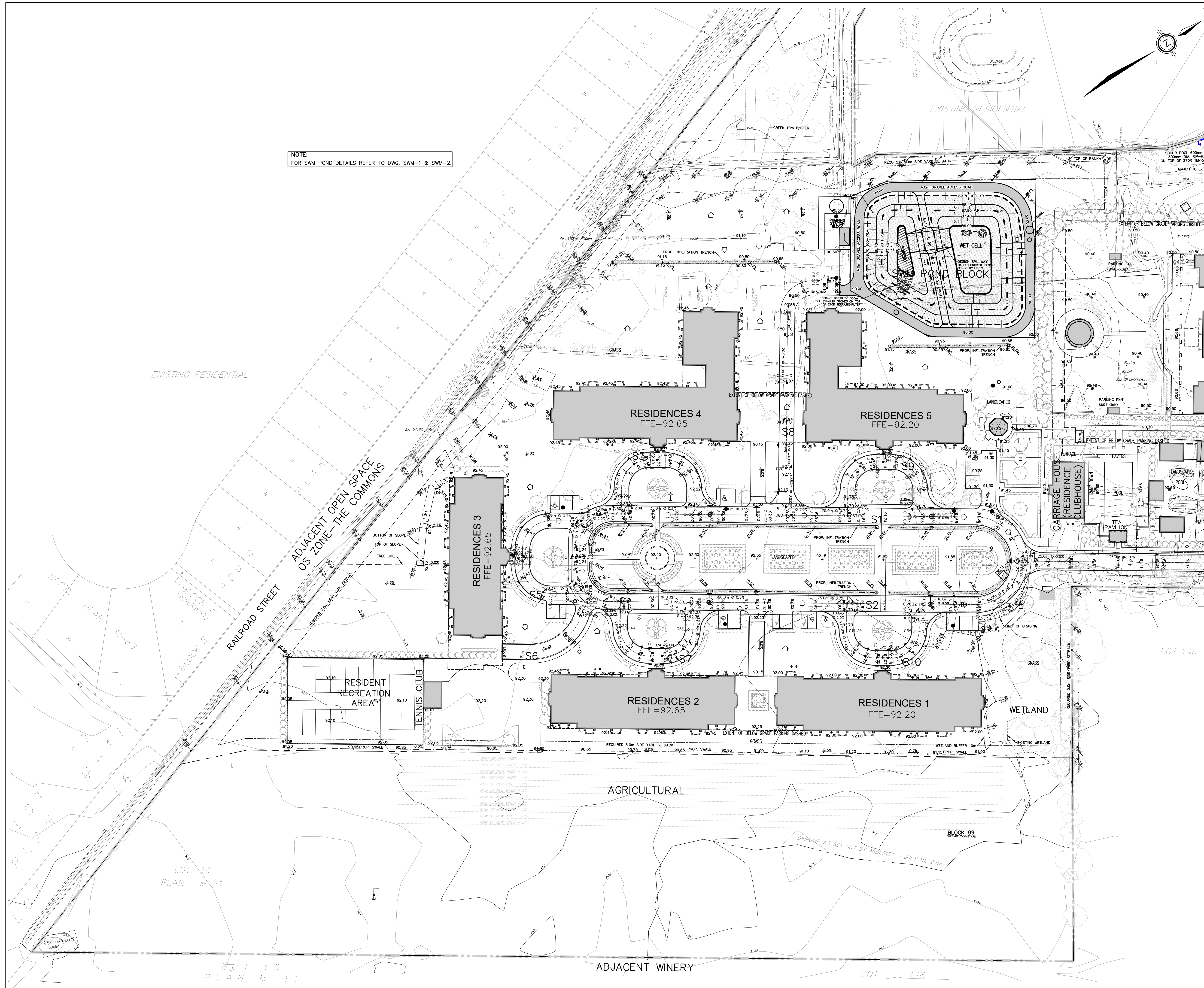
SIGNATURE: ALEX BURBIDGE DATE: _____
 POSITION: FIRE CHIEF

SITE SERVICING PLAN
 (PART 2)

DESIGNED BY: F.T. DATE: FEBRUARY 2026 CHECKED BY: F.T.
 DRAWN BY: T.K. APPROVED BY: P.S.

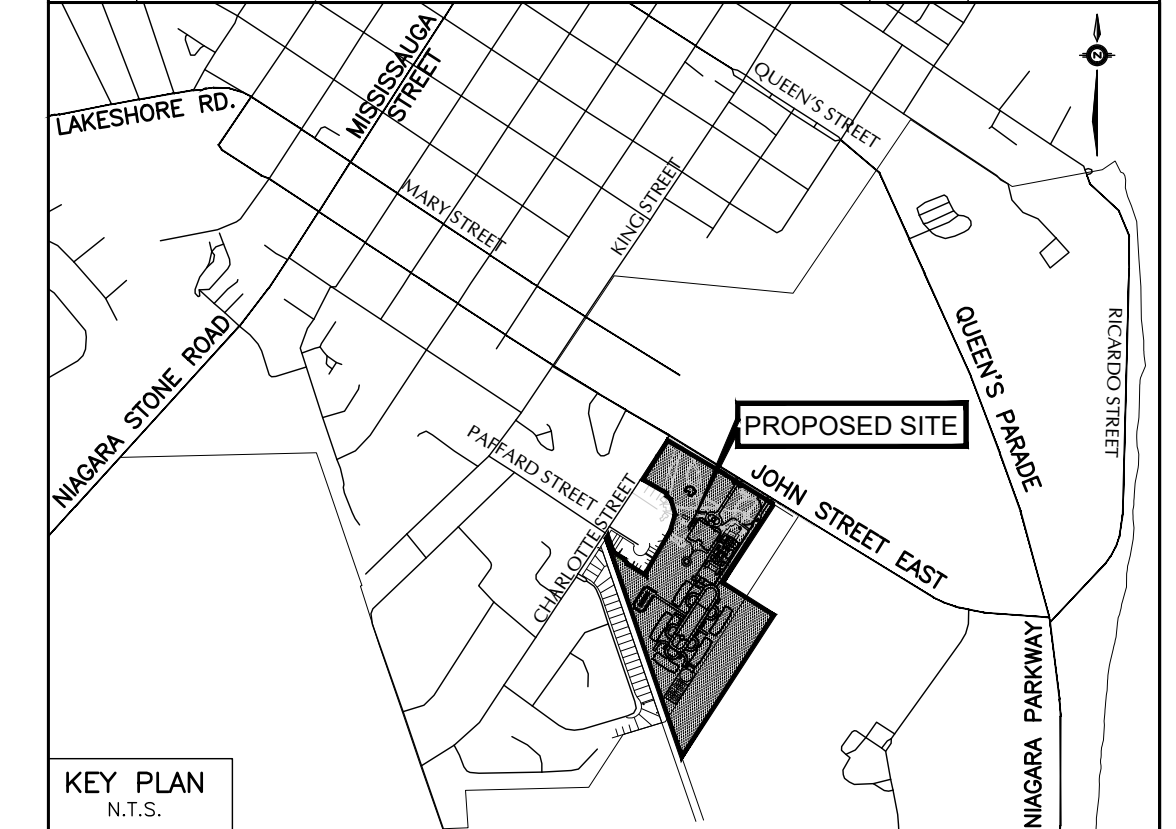


REFER TO DWG. No. SS-1



NOTE:
FOR SWM POND DETAILS REFER TO DWG. SWM-1 & SWM-2.

REVISIONS			
No.	DESCRIPTION	By	Date



LEGEND

- DENOTES VALVE AND CHAMBER
- DENOTES HYDRANT
- DENOTES SINGLE CATCHBASIN
- DENOTES SANITARY MANHOLE
- DENOTES STORM MANHOLE
- DENOTES PROPOSED ELEVATION
- DENOTES EXISTING CONTOUR
- DENOTES OVERLAND FLOW ROUTE
- DENOTES NATURAL OVERLAND FLOW ROUTE
- DENOTES INFILTRATION TRENCH
- DENOTES PROPERTY LINE
- DENOTES Ex. TREE TO BE PROTECTED

BENCHMARK No.
ELEVATIONS ARE BASED ON THE CANADIAN GEODETIC DATUM AND WERE DERIVED FROM BENCH MARK 63U3536, HAVING A PUBLISHED ELEVATION OF 87.59 metres.

No.	Date	Issued for



SOLMAR DEVELOPMENT CORPORATION
RITZ CARLTON HOTEL, SPA & RESIDENCES
144 JOHN STREET EAST,
NIAGARA ON THE LAKE, ONTARIO

SCHAEFFERS
CONSULTING ENGINEERS
6 Ronrose Drive, Concord, Ontario L4K 4R3
Tel: (905) 738-6100
Fax: (905) 738-6875
E-mail: design@schaeffers.com

PROJECT No. 2026-5625 DRAWING No. SG-1

OPERATIONS DEPARTMENT APPROVAL

SIGNATURE _____ DATE
DOUG KERR MANAGER OF PUBLIC WORKS
NAME POSITION

FIRE DEPARTMENT APPROVAL

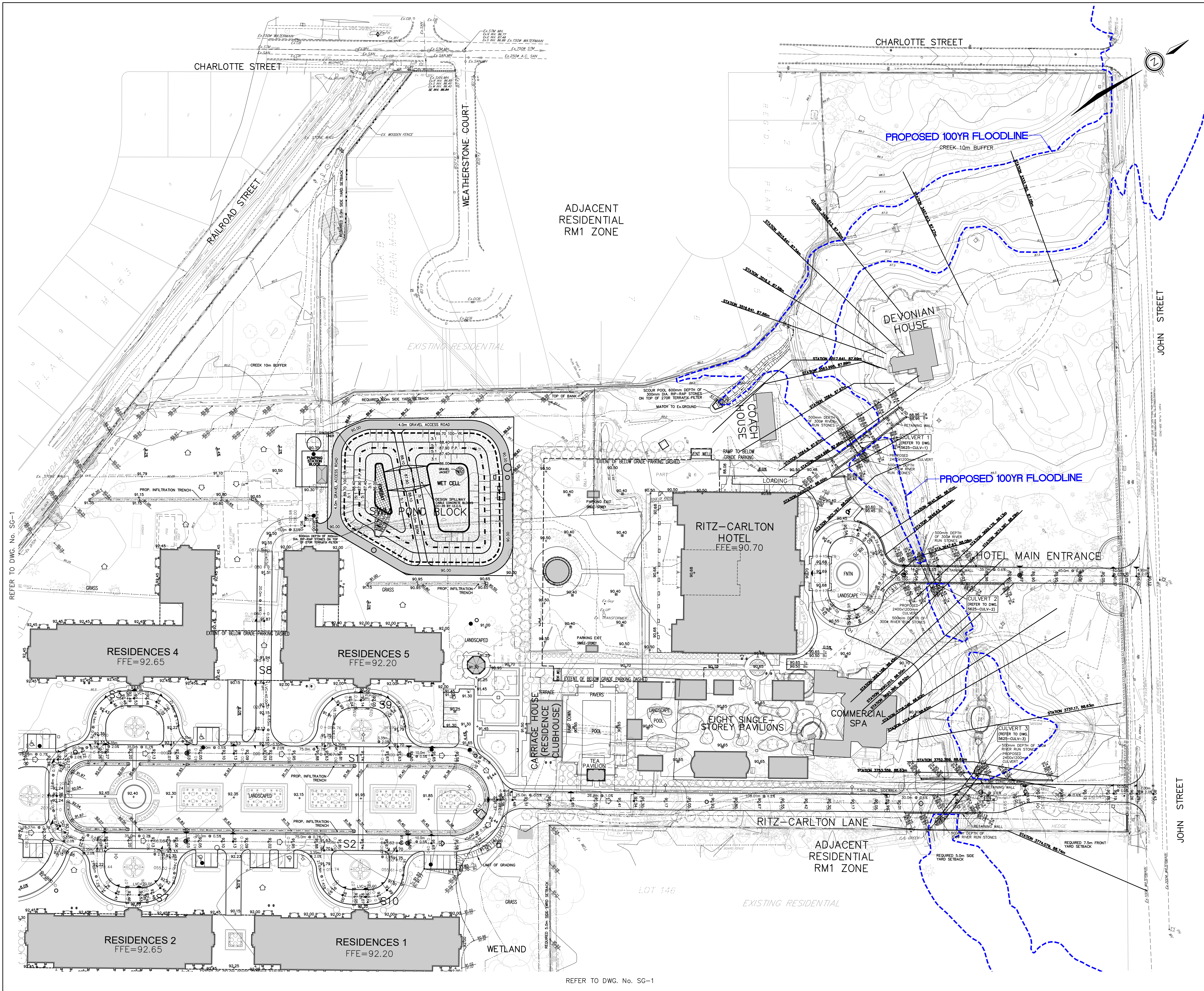
SIGNATURE _____ DATE
ALEX BURBIDGE FIRE CHIEF
NAME POSITION

SITE GRADING PLAN
(PART 1)

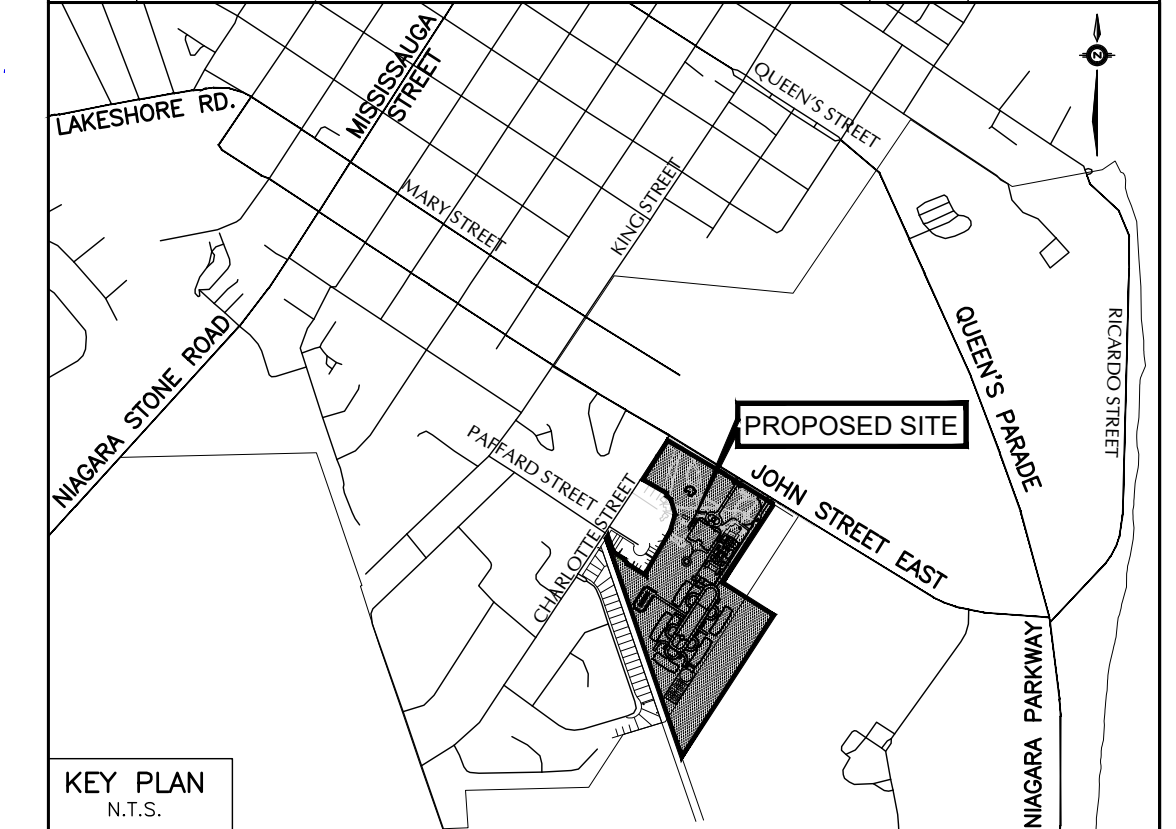
DESIGNED BY: F.T.	DATE: FEBRUARY 2026	CHECKED BY: F.T.
DRAWN BY: T.K.		APPROVED BY: P.S.

SCALE 1:750

REFER TO DWG. NO. SG-2



REVISIONS			
No.	DESCRIPTION	By	Date



- LEGEND**
- ⊕ DENOTES VALVE AND CHAMBER
 - ⊙ DENOTES HYDRANT
 - DENOTES SINGLE CATCHBASIN
 - DENOTES SANITARY MANHOLE
 - DENOTES STORM MANHOLE
 - × 181.50 DENOTES PROPOSED ELEVATION
 - DENOTES EXISTING CONTOUR
 - DENOTES OVERLAND FLOW ROUTE
 - DENOTES NATURAL OVERLAND FLOW ROUTE
 - DENOTES INFILTRATION TRENCH
 - DENOTES PROPERTY LINE
 - DENOTES EX. TREE TO BE PROTECTED

BENCHMARK No.
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No.	Date	Issued for



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 E-mail: design@schaeffers.com

PROJECT No. 2026-5625 DRAWING No. SG-2



OPERATIONS DEPARTMENT APPROVAL

SIGNATURE: DOUG KERR DATE: _____
 POSITION: MANAGER OF PUBLIC WORKS

FIRE DEPARTMENT APPROVAL

SIGNATURE: ALEX BURBIDGE DATE: _____
 POSITION: FIRE CHIEF

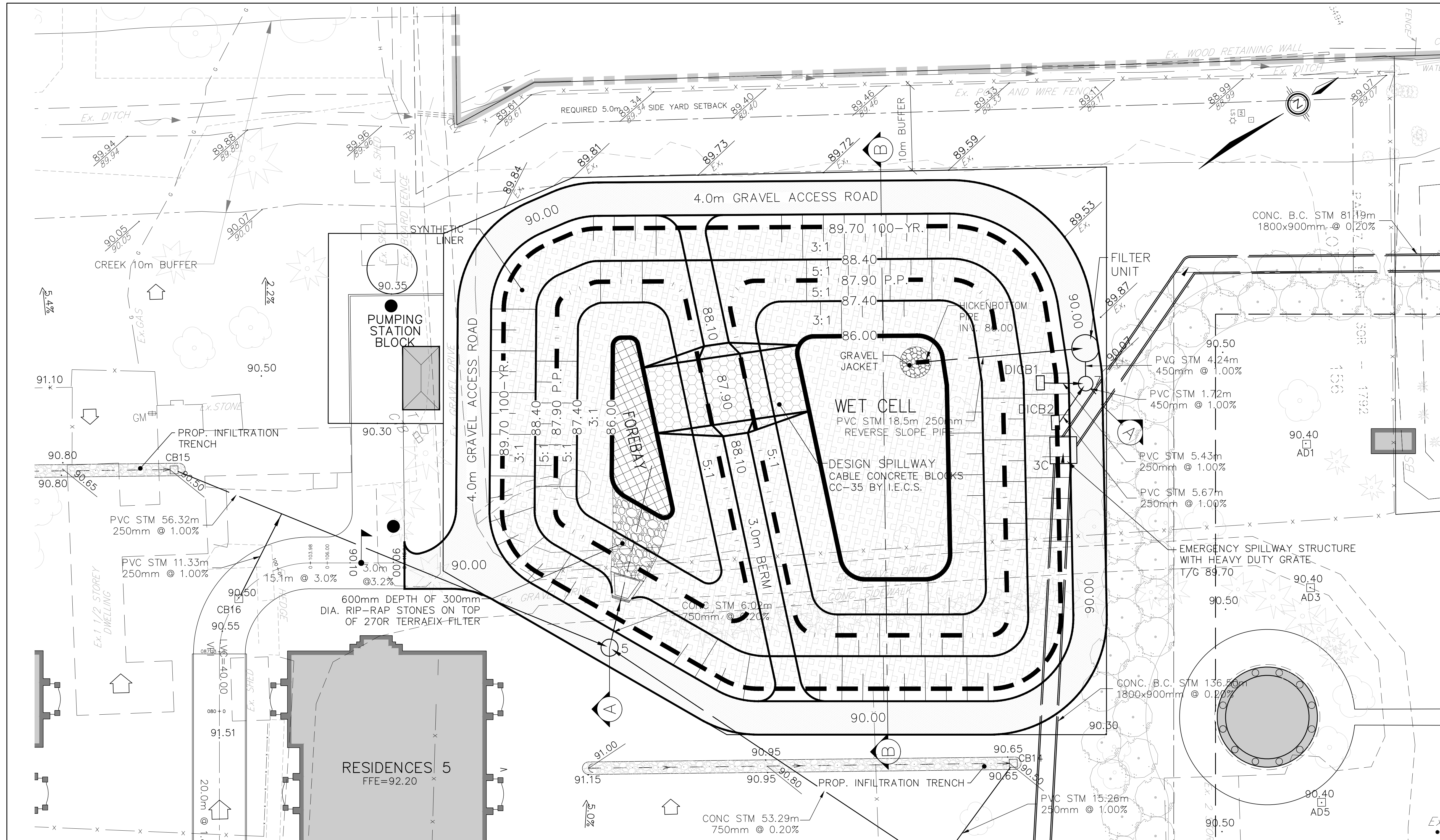
SITE GRADING PLAN
 (PART 2)

DESIGNED BY: F.T. DATE: FEBRUARY 2026 CHECKED BY: F.T.
 DRAWN BY: T.K. APPROVED BY: P.S.

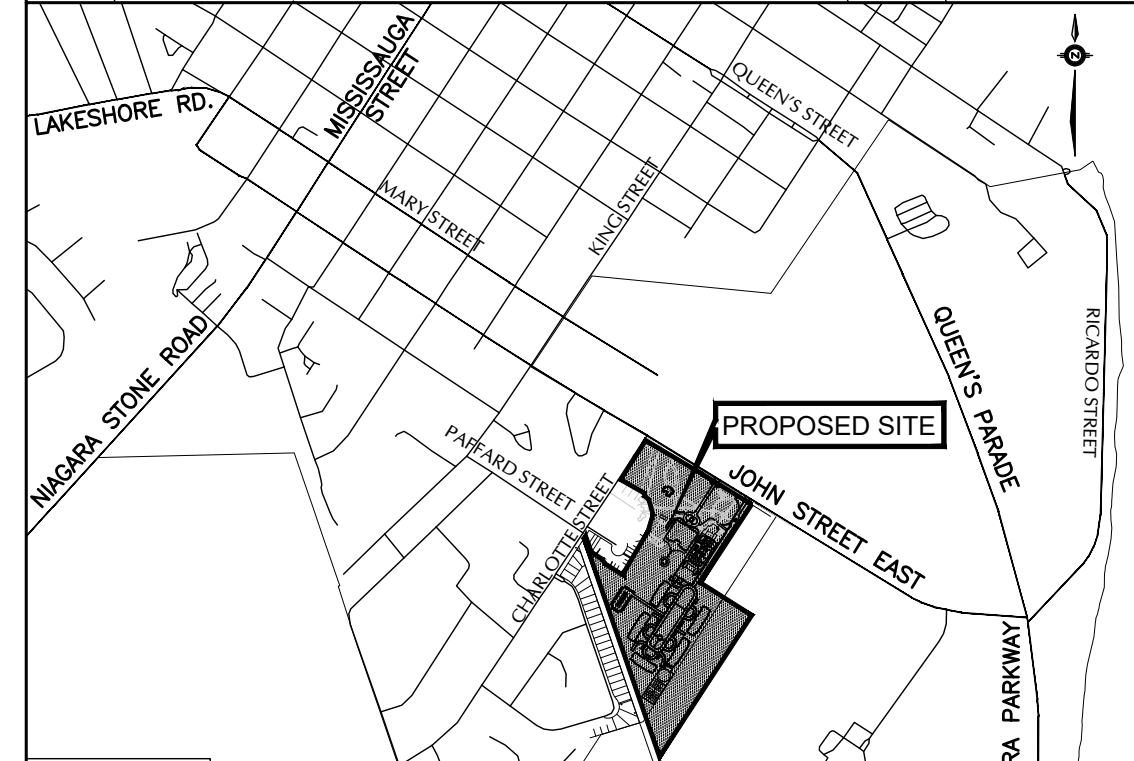
SCALE 1:750 0 15 30 45 60 75m

REFER TO DWG. No. SG-1

REFER TO DWG. No. SG-1



REVISIONS			
No.	DESCRIPTION	By	Date



KEY PLAN
N.T.S.

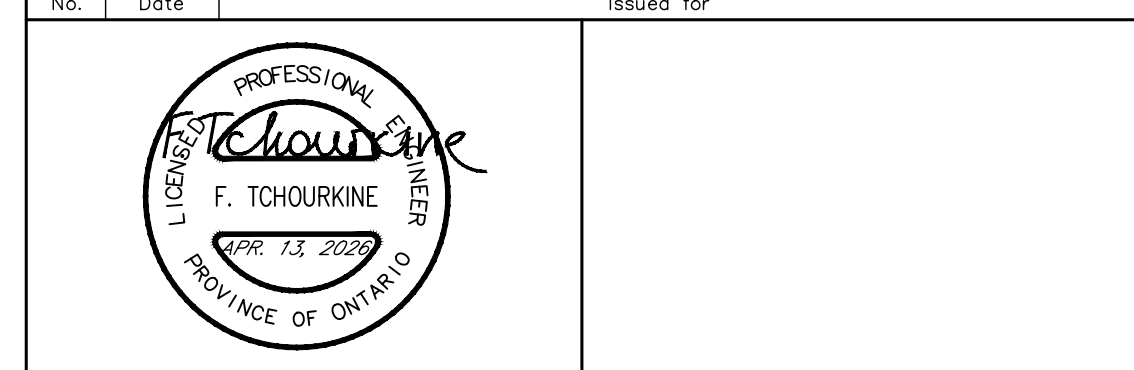
- NOTES**
- THE LOCATION OF ALL UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON CONTRACT DRAWINGS, AND WHERE SHOWN THE ACCURACY OF THE LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES ARE NOT GUARANTEED. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITIES OF DAMAGE.
 - ALL AREAS DISTURBED DURING CONSTRUCTION OF SEWERS AND WATERMAINS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF NIAGARA-ON-THE-LAKE AND NIAGARA REGION ENGINEERING DEPARTMENT. GRASSED AREAS TO BE TOPPED WITH 100mm TOPSOIL AND SODDED AS PER OPSD 218.01. ALL EXISTING SERVICES SHALL BE ADJUSTED TO SUIT NEW GRADES.

LEGEND:

80.00	DENOTES EXISTING CONTOUR	DENOTES STORM MANHOLE
90.00	DENOTES PROPOSED ELEVATION	DENOTES PROPOSED STORM SEWER
(88.20)	DENOTES EXISTING ELEVATION	DENOTES RIP-RAP STONES
(88.20)	DENOTES PROPOSED	DENOTES CABLE CONCRETE BLOCKS CC-35
(88.20)	DENOTES PROPOSED	DENOTES SYNTHETIC LINER
(88.20)	DENOTES PROPOSED	DENOTES PERMANENT POOL LEVEL
(88.20)	DENOTES PROPOSED	DENOTES LEAN CONCRETE
(88.20)	DENOTES PROPOSED	DENOTES SWM POND BOTTOM LEVEL
(88.20)	DENOTES PROPOSED	DENOTES GRAVEL ACCESS ROAD
(88.20)	DENOTES PROPOSED	DENOTES PROPOSED SLOPE

BENCHMARK No.
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No.	Date	Issued for



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Fax: (905) 738-6875
E-mail: design@schaeffers.com

PROJECT No. 2026-5625 DRAWING No. SWM-1



OPERATIONS DEPARTMENT APPROVAL

SIGNATURE: DOUG KERR
NAME: DOUG KERR
DATE: _____
POSITION: MANAGER OF PUBLIC WORKS

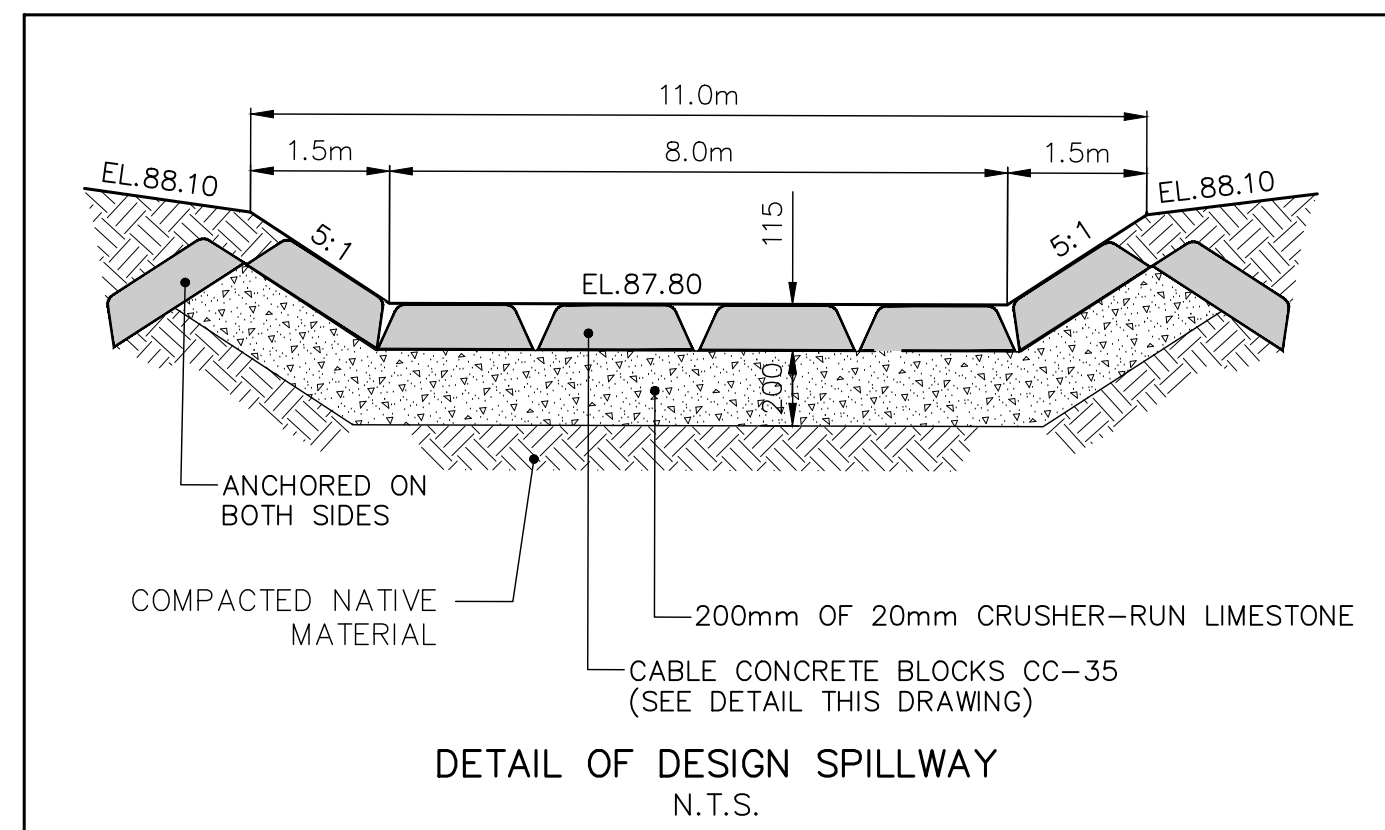
FIRE DEPARTMENT APPROVAL

SIGNATURE: ALEX BURBIDGE
NAME: ALEX BURBIDGE
DATE: _____
POSITION: FIRE CHIEF

STORMWATER MANAGEMENT POND PLAN VIEW

DESIGNED BY: F.T. DATE: FEBRUARY 2026 CHECKED BY: F.T.
DRAWN BY: A.M. APPROVED BY: P.S.

SCALE 1:250

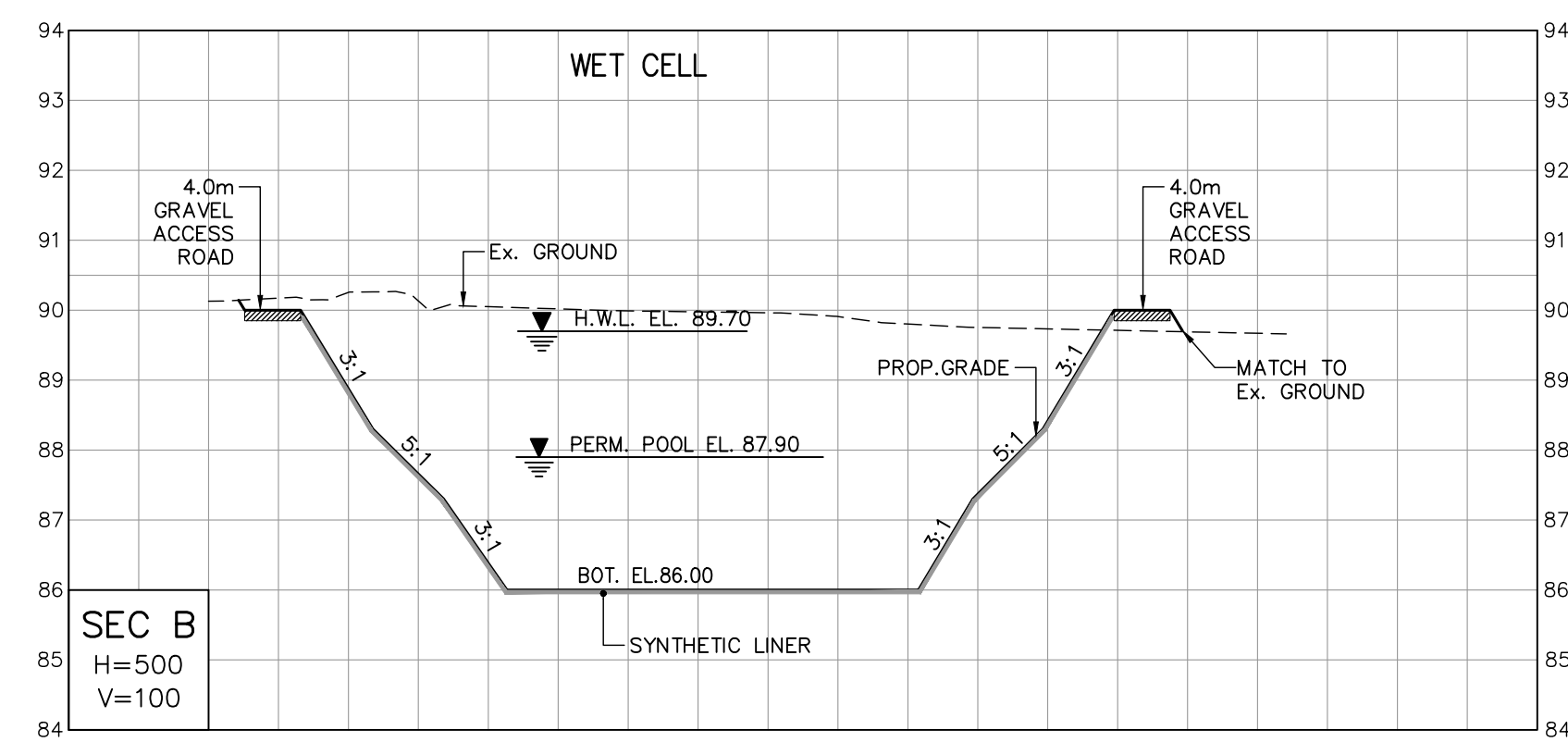
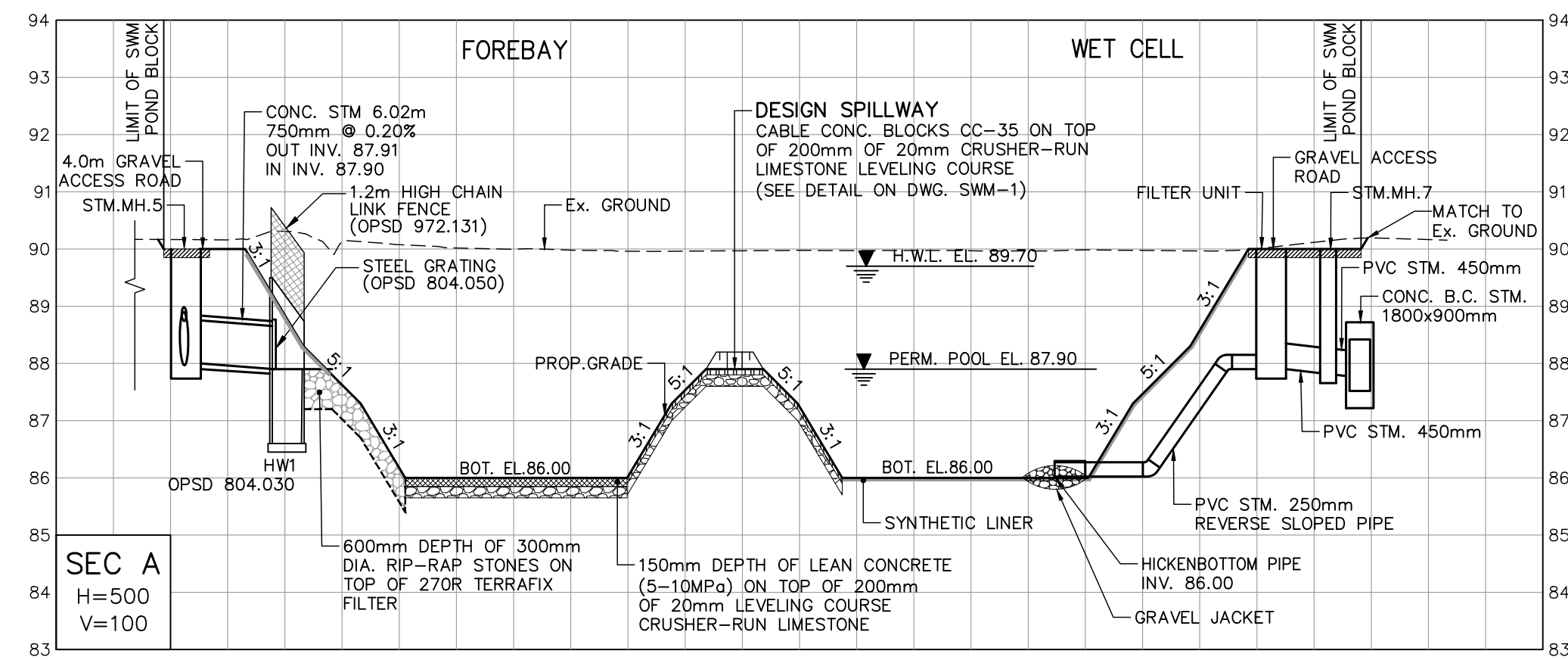


DESCRIPTION	PROVIDED STORAGE	REQUIRED STORAGE
PERMANENT POOL EL.86.00-87.90	2,000m ³	1,218m ³
100 YR. W.L. EL.87.90-89.70	4,940m ³	3,955m ³

- NOTES:**
- IF GRANULAR MATERIAL (PERVIOUS) SUCH AS SAND IS ENCOUNTERED DURING CONSTRUCTION OF POND, THE UPPER LAYER OF THE SIDE SLOPE OF THE POND SHALL BE REPLACED WITH A LAYER OF SILTY CLAY TILL MATTERS TO BE DETERMINED IAL, THICKNESS BY THE SOIL CONSULTANT WHICH WILL BE COMPACTED TO 95% OR + STANDARD PROCTOR DRY DENSITY. AN INTERCEPT SUBDRAIN SYSTEM (SEE DETAIL THIS DRAWING) SHOULD BE CONSTRUCTED TO STABILIZED THE SIDE.
 - IN ALL SEWER TRENCHES, WHERE SUBGRADE CONSISTS OF WET SANDS AND SANDY SILT, THE PIPE JOINTS SHALL BE WRAPPED WITH WATERPROOF MEMBRANE.

- GENERAL NOTES:**
- THE LOCATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON CONTRACT DRAWINGS, AND WHERE SHOWN THE ACCURACY OF THE LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITIES FOR DAMAGE.
 - ALL AREAS DISTURBED DURING CONSTRUCTION OF SEWERS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE TOWN OF NIAGARA-ON-THE-LAKE, REGIONAL MUNICIPALITY OF NIAGARA. GRASSED AREAS TO BE TOPPED WITH 100mm TOPSOIL AND SODDED AS PER CITY STD.S-271. ALL EXISTING SERVICES TO BE ADJUSTED TO SUIT NEW GRADES.
 - CUT AREAS OF POND AND FOREBAY TO BE INSPECTED BY THE GEOTECHNICAL INSPECTOR FOR DIRECTIONS ABOUT THE TYPE OF EROSION PROTECTION NEEDED.
 - ALL TOPSOIL AND ORGANIC MATERIALS FROM POND AREAS TO BE STRIPPED BEFORE PLACING ANY FILL.
 - ALL EXISTING STRUCTURES, DRIVEWAYS, CULVERTS, BRIDGES TO BE REMOVED AND DISPOSED OFF SITE.
 - SEEDING OF PONDS AS PER LANDSCAPE ARCHITECTS AND SPECIFICATIONS.
 - ENGINEERED FILLED BERMS TO BE DONE WITH EVERY 300mm LIFTS AND COMPACTED TO 95% STD. PROCTOR DENSITY AS DIRECTED BY THE GEOTECHNICAL ENGINEER RECOMMENDATION.
 - FILL AREAS OF POND TO BE INSPECTED BY THE GEOTECHNICAL INSPECTOR FOR DIRECTIONS ABOUT THE TYPE OF EROSION PROTECTION NEEDED, AND WITH REGARDS TO STABILITY AND SEEPAGE.
 - LAYOUT OF OUTFALL AND OVERFLOW CHANNELS THROUGH EXISTING VEGETATION TO BE ADJUSTED ON SITE TO MINIMIZE REMOVAL OF EXISTING VEGETATION.
 - ANY EROSION EXPERIENCED ALONG THE VALLEYLAND SLOPES THROUGHOUT THE CONSTRUCTION AND WARRANTY PERIOD OF THIS DEVELOPMENT SHALL BE CORRECTED TO THE SATISFACTION OF THE PLANNING, DESIGN AND DEVELOPMENT DEPARTMENT.
 - ALL OPEN SPACE BLOCKS SHALL BE MAINTAINED FREE OF GARBAGE AND CONSTRUCTION DEBRIS UNTIL ASSUMPTION BY THE CITY.
 - ALL OPEN SPACE BLOCKS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OF BRAMPTON.
 - NO OPEN SPACE BLOCKS SHALL BE USED FOR THE PURPOSE OF STOCKPILING OR FOR THE PLACEMENT OF CONSTRUCTION TRAILERS.
 - ALL CHAINLINK FENCING ABUTTING SWM BLOCKS MUST BE INSTALLED AT TIME OF SWM CONSTRUCTION. IN CONDITIONS WHERE FUTURE ACOUSTIC BARRIERS ARE IDENTIFIED, TEMPORARY FENCING TO THE CITY'S SATISFACTION SHALL BE ERECTED. ALL SWM BLOCKS SHALL BE MAINTAINED FREE OF DEBRIS AND CONSTRUCTION MATERIALS UNTIL ASSUMPTION OF THE LANDS BY THE CITY.

NOTE:
FOR SECTIONS A & B REFER TO DWG. SWM-2.



REVISIONS			
No.	DESCRIPTION	By	Date

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SCHAEFFERS
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 Ontario L4K 4R3
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 Fax: (905) 738-6875
 E-mail: design@schaeffers.com

PROJECT No. 2026-5625 DRAWING No. SWM-2



OPERATIONS DEPARTMENT APPROVAL

 SIGNATURE DATE
 DOUG KERR MANAGER OF PUBLIC WORKS
 NAME POSITION

FIRE DEPARTMENT APPROVAL

 SIGNATURE DATE
 ALEX BURBIDGE FIRE CHIEF
 NAME POSITION

**STORMWATER
 MANAGEMENT POND
 SECTIONS A AND B**

DESIGNED BY: F.T. DATE: FEBRUARY 2026 CHECKED BY: F.T.
 DRAWN BY: A.M. APPROVED BY: P.S.

