PROJECT REFERENCE NO.	SHEET NO.
I-5986B	RW02C-31
Location and Surveys	

GEL SOLUTIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

I-5986B ALIGNMENTS

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	592046.833	2137530.560							
LINE			S 71°43'16.0" W	311.55					
PC	591949.119	2137234.733							
CURVE			S 33°28'48.3" W	748.95	76°28'55.4"(LT)	09°28'13.4"	807.59	476.79	605.00
PT	591324.432	2136821.574							
LINE			S 04°45'39.4" E	66.56					
PC	591258.101	2136827.098							
CURVE			S 05°11'27.2" E	37.52	00°51'35.7"(LT)	02°17'30.6"	37.52	18.76	2500.00
PT	591220.734	2136830.493							
LINE			S 05°37'15.1" E	368.45					
POT	590854.059	2136866.580							

EY5

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	593450.891	2139672.695							
LINE			N 41°47'07.0" W	64.61					
PC	593499.067	2139629.643							
CURVE			N 30°27'01.0" W	176.89	22°40'11.9"(RT)	12°43'56.6"	178.05	90.20	450.00
PT	593651.558	2139539.997							
LINE			N 19°06'55.1" W	2.21					
PC	593653.647	2139539.273							
CURVE			N 05°00'14.9" E	351.43	48°14'20.1"(RT)	13°19'28.6"	362.03	192.52	430.00
PT	594003.738	2139569.928							
LINE			N 29°07'25.0" E	10.38					
PC	594012.803	2139574.978							
CURVE			N 41°37'55.0" E	186.26	25°01'00.1"(RT)	13°19'28.6"	187.75	95.39	430.00
PT	594152.019	2139698.718							
LINE			N 54°08'25.1" E	2323.28					
PC	595513.004	2141581.632							
CURVE			N 67°00'22.8" E	198.18	25°43'55.5"(RT)	12°52'31.6"	199.85	101.64	445.00
PT	595590.419	2141764.065							
LINE			N 79°52'20.6" E	374.27					
POT	595656.231	2142132.507							

EY5A

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	591517.184	2138242.247							
LINE			N 34°19'52.0" E	1241.42					
PC	592542.337	2138942.375							
CURVE			N 37°17'39.2" E	592.36	05°55'34.4"(RT)	01°00'00.0"	592.62	296.58	5729.58
PT	593013.578	2139301.290							
LINE			N 40°15'26.4" E	524.75					
PC	593414.042	2139640.395							
CURVE			N 45°43'05.2" E	273.12	10°55'17.5"(RT)	03°59'33.9"	273.54	137.18	1435.00
PT	593604.732	2139835.926							
LINE			N 51°10'43.9" E	0.40					
POT	593604.984	2139836.239							

EY6

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	589706.436	2133605.004							
LINE			S 40°12'01.2" E	75.84					
PC	589648.507	2133653.959							
CURVE			S 39°16'04.3" E	186.48	01°51'53.7"(RT)	01°00'00.0"	186.49	93.25	5729.58
PT	589504.131	2133771.993							
LINE			S 38°20'07.5" E	249.25					
PC	589308.623	2133926.593							
CURVE			S 38°42'28.4" E	74.49	00°44'41.8"(LT)	01°00'00.0"	74.49	37.25	5729.58
PT	589250.493	2133973.177							
LINE			S 39°04'49.2" E	381.77					
PC	588954.140	2134213.848							
CURVE			S 38°49'27.3" E	51.22	00°30'44.0"(RT)	01°00'00.0"	51.22	25.61	5729.58
PT	588914.235	2134245.960							
LINE			S 38°34'05.3" E	664.41					
POT	588394.755	2134660.182							

EY6A

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	588102.668	2134885.017							
LINE			S 37°48'23.9" E	85.57					
PC	588035.064	2134937.468							
CURVE			S 36°08'07.1" E	286.48	03°20'33.7"(RT)	01°10'00.0"	286.52	143.30	4911.07
PT	587803.699	2135106.402							
LINE			S 34°27'50.2" E	410.57					
PC	587465.193	2135338.736							
CURVE			S 34°20'46.1" E	23.56	00°14'08.2"(RT)	01°00'00.0"	23.56	11.78	5729.58
PT	587445.739	2135352.030							
LINE			S 34°13'42.0" E	584.27					
PC	586962.659	2135680.680							
CURVE			S 34°07'55.3" E	19.26	00°11'33.3"(RT)	01°00'00.0"	19.26	9.63	5729.58
PT	586946.719	2135691.485							
LINE			S 34°02'08.7" E	192.27					
PC	586787.387	2135799.101							
CURVE			S 52°10'09.0" E	79.25	36°16'00.7"(LT)	45°00'00.0"	80.59	41.70	127.32
PCC	586738.778	2135861.698							
CURVE			S 78°34'14.0" E	44.39	16°32'09.2"(LT)	37°07'22.1"	44.54	22.43	154.34
PT	586729.982	2135905.207							
LINE			S 86°50'18.5" E	207.29					
POT	586718.549	2136112.185							

EY_RPD

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	593124.531	2138123.417							
LINE			S 53°46'20.6" W	15.70					
PC	593115.253	2138110.753							
CURVE			S 46°18'22.9" W	184.51	14°55'55.5"(LT)	08°04'11.4"	185.04	93.05	710.00
PT	592987.792	2137977.343							
LINE			S 38°50'25.2" W	59.29					
PC	592941.610	2137940.158							
CURVE			S 37°08'10.9" W	59.47	03°24'28.5"(LT)	05°43'46.5"	59.48	29.75	1000.00
PT	592894.201	2137904.255							
LINE			S 35°25'56.7" W	12.61					
PC	592883.925	2137896.944							
CURVE			S 24°48'47.3" W	433.06	21°14'18.7"(LT)	04°52'34.5"	435.55	220.30	1175.00
PT	592490.842	2137715.205							
LINE			S 14°11'38.0" W	168.62					
PC	592327.374	2137673.860							
CURVE			S 23°45'53.0" W	172.92	19°08'30.0"(RT)	11°01'06.3"	173.72	87.68	520.00
PT	592169.119	2137604.177							
LINE			S 33°20'08.0" W	142.61					
POT	592049.976	2137525.809							

EY7

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	590134.011	2134204.336							
LINE			S 39°29'41.1" W	129.03					
PC	590034.439	2134122.270							
CURVE			S 40°50'14.4" W	178.99	02°41'06.6"(RT)	01°30'00.0"	179.01	89.52	3819.72
PT	589899.017	2134005.223							
LINE			S 42°10'47.7" W	1001.21					
PC	589157.078	2133332.948							
CURVE			S 59°22'05.6" W	520.97	34°22'35.8"(RT)	06°30'00.0"	528.87	272.66	881.47
PT	588891.632	2132884.671							

EY7A

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	587120.546	2136247.486							
LINE			S 18°36'06.5" W	517.36					
PC	586630.218	2136082.455							
CURVE			S 18°21'33.1" W	48.52	00°29'06.8"(LT)	01°00'00.0"	48.52	24.26	5729.58
PT	586584.166	2136067.172							
LINE			S 18°06'59.7" W	69.80					
PC	586517.824	2136045.467							
CURVE			S 09°51'35.2" W	299.21	16°30'49.0"(LT)	05°30'00.0"	300.25	151.17	1041.74
PT	586223.034	2135994.231							
LINE			S 01°36'10.7" W	76.47					
POT	586146.594	2135992.092							

EYA

POINT	N	E	BEARING	DIST
POT	593120.047	2136874.203		
LINE			S 34°40'57.0" W	464.95
POT	592737.709	2136609.632		

EY_LPD

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	592424.987	2137181.913							
LINE			N 52°50'59.0" E	67.81					
PC	592465.940	2137235.964							
CURVE			N 64°15'17.3" E	97.69	22°48'36.6"(RT)	23°11'48.0"	98.33	49.83	247.00
PT	592508.371	2137323.953							
LINE			N 75°39'35.6" E	4.73					
PC	592509.542	2137328.531							
CURVE			S 75°14'41.8" E	213.96	58°11'25.2"(RT)	26°02'36.7"	223.43	122.43	220.00
PT	592455.050	2137535.431							
LINE			S 46°08'59.2" E	1.06					
PC	592454.318	2137536.192							
CURVE			S 32°38'31.1" E	74.74	27°00'56.2"(RT)	35°48'35.5"	75.44	38.44	160.00
PT	592391.379	2137576.509							
LINE			S 19°08'03.0" E	24.21					
PC	592368.508	2137584.444							
CURVE			S 07°06'02.5" W	207.76	52°28'11.0"(RT)	24°22'52.3"	215.21	115.81	235.00
PT	592162.337	2137558.761							
LINE			S 33°20'08.0" W	112.17					
POT	592068.620	2137497.118							

EY_RPA

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	592946.617	2137732.425							
LINE			S 59°57'19.4" W	21.70					
PC	592935.751	2137713.639							
CURVE			S 67°58'17.5" W	386.28	16°01'56.3"(RT)	04°08'12.8"	387.55	195.05	1385.00
PT	592790.869	2137355.556							
LINE			S 75°59'15.7" W	39.31					
PC	592781.350	2137317.412							
CURVE			S 77°04'43.2" W	76.16	02°10'55.0"(RT)	02°51'53.2"	76.16	38.09	2000.00
PT	592764.320	2137243.181							
LINE			S 78°10'10.7" W	74.16					
PC	592749.116	2137170.596							
CURVE			S 75°04'15.8" W	205.41	06°11'49.8"(LT)	03°00'56.0"	205.51	102.85	1900.00
PT	592696.199	2136972.124							
LINE			S 71°58'20.9" W	6.84					
PC	592694.083	2136965.621							
CURVE			S 57°52'49.4" W	146.09	28°11'02.9"(LT)	19°05'54.9"	147.57	75.31	300.00
PT	592616.410	2136841.893							
LINE			S 43°47'18.0" W	53.50					
POT	592577.784	2136804.868							

EY_RPB

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	591886.593	2136486.205							
CURVE			N 29°41'25.0" E	400.60	20°03'39.5"(LT)	04°58'56.1"	402.65	203.41	1150.00
PT	592234.597	2136684.625							
LINE			N 19°39'35.2" E	82.32					
PC	592312.118	2136712.320							
CURVE			N 18°46'27.1" E	61.82	01°46'16.2"(LT)	02°51'53.2"	61.83	30.92	2000.00
PT	592370.651	2136732.217							
LINE			N 17°53'19.0" E	221.59					
POT	592581.524	2136800.281							

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

6/2/99

01-JUL-2019 16:32
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Jason Perouse