



CITY OF DELRAY BEACH PROJECT DATA

	REQUIRED/ PERMITTED	EXISTING	PROPOSED
FRONT SETBACK			
PROCESS BLDG	N/A	N/A	21.4'
ADMINISTRATION BLDG	N/A	N/A	14.3'
SIDE INTERIOR SETBACK		N/A	
PROCESS BLDG	N/A	N/A	82.7'
ADMINISTRATION BLDG	N/A	N/A	18.9'
SIDE STREET SETBACK		N/A	
PROCESS BLDG	N/A	N/A	108.0'
ADMINISTRATION BLDG	N/A	N/A	11.8'
REAR SETBACK		N/A	
PROCESS BLDG	N/A	N/A	N/A
ADMINISTRATION BLDG	N/A	N/A	59.0'
# OF STORIES	N/A	N/A	1
LOT WIDTH	0	805'	805'
LOT DEPTH	0	481'	481'
FRONTAGE	0	734'	734'
TOTAL SITE AREA	7.95 ACRES, 346,167.9 SF	8.22 ACRES, 358,063.2 SF	8.22 ACRES, 358, 063.2 SF
PERVIOUS/ IMPERVIOUS AREA	4.24 ACRES/ 2.50 ACRES	4.72 ACRES/ 2.69 ACRES	3.40 ACRES/ 4.05 ACRES
OPEN SPACE (LANDSCAPED)	67,028 SF		102,494.11 SF
WATER BODIES	N/A	N/A	N/A
GROSS FLOOR AREA			
ADMINISTRATION BLDG (CONDITIONED)	23,000 SF	N/A	7,117 SF
PROCESS BLDG - OPERATIONS AREA (CONDITIONED)	92,000 SF	N/A	6,660 SF
		TOTAL CONDITIONED SPACE	13,777 SF
PROCESS BLDG - PROCESS AREA	62,000 SF	N/A	25,617 SF
		TOTAL GFA	39,394 SF
LOT COVERAGE	31.40%	31.40%	49.27%
FLOOR AREA RATIO			.11
NUMBER OF DWELLING UNITS	N/A	N/A	N/A
DENSITY (UNITS PER ACRE)	N/A	N/A	N/A
PARKING SPACES REQUIRED			
USE	REQUIRED	EXISTING	PROPOSED
PROCESS BLDG	26	N/A	34
NEW ADMIN BLDG	29	N/A	27
	REGULAR SPACES	N/A	57
COMPACT SPACES (30% MAX OF REQ'D MAY BE COMPACT)			0
	ACCESSIBLE SPACES		4
	TOTALS		61
NUMBER OF BIKE RACKS			
	REQUIRED	EXISTING	PROPOSED
NEW ADMINISTRATION BLDG: TYPE 1 (LESS THAN 50,000SF) = 1 SPACE PER 10,000 SF	1 (TYPE 1)	N/A	3 (TYPE I)
NEW PROCESS BLDG: TYPE 1 - 2 SPACES MINIMUM	2 (TYPE 1)	N/A	4 (TYPE I)

FLOOD HAZARD DOCUMENTATION		
LOCATION NAME:	DELRAY BEACH WTP	
LOCATION COORDINATES:	NORTHING:	771035
	EASTING:	958438
PARAMETER	VALUE	NOTES
FEMA FLOOD MAP	12099C0979G	
FEMA BASE (100-YEAR) FLOOD ELEVATION	NOT APPLICABLE	SITE IS NOT WITHIN 100-YEAR FLOOD ZONE
FLOOD ZONE	ZONE X (UNSHADED)	AREA OF MINIMAL FLOOD HAZARD
IS PROJECT SITE HIGHER THAN THE 100-YEAR FLOOD ELEVATION	YES	
IS PROJECT SITE HIGHER THAN THE 500-YEAR FLOODPLAIN	YES	
BASE FLOOD ELEVATION, BFE (FT, NAVD1988):	8	NEAREST 100-YR FLOOD ELEVATION TO THE PROJECT SITE ON FIRM MAP (NAVD1988) IS FROM THE INTERCOASTAL WATERWAY EAST OF SE 4TH AVENUE
FLOOD DESIGN CLASS	4	ASCE 24-14 TABLE 1-1
CROWN OF ROAD ADJACENT TO STRUCTURE (FT, NAVD1988)	19.6	
PROPOSED STRUCTURE FINISHED FLOOR EL. (FT, NAVD88)	VARIES (21.25-22.0)	FFE ELEVATION IS APPROX. 1.65-FT ABOVE ROAD CROWN
MINIMUM FINISHED FLOOR EL.		
CRITERION	BFE + 2 FT	
REQUIRED VALUE (FT, NAVD1988)	10	ASCE 24-14 TABLE 2-1
DESIGN VALUE (FT, NAVD1988)	21.5	
COMPLIES	YES	
MINIMUM EQUIPMENT EL.		
CRITERION	BFE + 2 FT	
REQUIRED VALUE (FT, NAVD1988)	10	ASCE 24-14 TABLE 7-1
DESIGN VALUE (FT, NAVD1988)	21.25	
COMPLIES	YES	
ASCE 24-14: AMERICAN SOCIETY OF CIVIL ENGINEERS STANDARD TITLED "FLOOD RESISTANT DESIGN AND CONSTRUCTION".		
NAVD: NORTH AMERICAN VERTICAL DATUM.		
BFE: BASE FLOOD ELEVATION		
WTP: WATER TREATMENT PLANT		



PROPERTY DEVELOPMENT REGULATIONS - COMMUNITY FACILITIES (CF) DISTRICT														
ZONING DISTRICT: COMMUNITY FACILITIES (CF)	MINIMUM LOT DIMENSIONS				MINIMUM FLOOR AREA (SQ. FT)	MAXIMUM LOT COVERAGE	SETBACKS					HEIGHT (FT)	DENSITY	FAR
	SIZE (SQ. FT.)	WIDTH (FT.)	DEPTH (FT.)	FRONTAGE (FT.)			PERIMETER (FT.)	FRONT (FT.)	SIDE STREET (FT.)	SIDE (FT.)	REAR (FT.)			
REQUIRED	0	0	0	0	N/A	SEE NOTE 1	10 ^{2,3}	N/A	N/A	N/A	N/A	48'	N/A	N/A
PROPOSED	357,192	805'	481'	734'	40,432 SF	49.27%	15'	15'	15'	15'	15'	1 STORY	N/A	.11

NON-CONFORMITIES CHART			
NO.	LDR REFERENCE CHAPTER/ SECTION	REQUIRED	PROVIDED
1	LDR SECTION 4.6.9(D)	PROVISIONS MUST BE MADE FOR STACKING AND TRANSITION OF INCOMING VEHICULAR TRAFFIC FROM A PUBLIC STREET INTO A PRIVATE PROPERTY TO MAINTAIN A CLEAR AND SAFE PATH FOR VEHICLES, BICYCLISTS, AND PEDESTRIANS. VEHICLES SHALL NOT QUEUE INTO OR OBSTRUCT THE PUBLIC RIGHT-OF-WAY, NOR PLANNED OR EXISTING PUBLIC INFRASTRUCTURE IN THE ULTIMATE RIGHT-OF-WAY, PER ALWAYS DELRAY TABLE MBL-1, STREET NETWORK CLASSIFICATION AND IMPROVEMENTS. (ORD. NO. 11-20, 3, 12-8-20)	N/A

NON-CONFORMITIES CHART

DEEP INJECTION WELL (IW-2) PAD			CHEMICAL STORAGE PAD			IRRIGATION BOOSTER PUMP STATION			PRECAST CONCRETE WALL		
POINT TABLE			POINT TABLE			POINT TABLE			POINT TABLE		
POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING
1	771274.35	958207.24	25	770996.27	958298.49	49	770949.83	958740.34	71	771287.74	958186.50
2	771274.35	958249.24	26	770996.69	958338.91	50	770949.83	958742.34	72	771287.70	958188.51
3	771259.35	958207.24	27	770939.02	958299.08	51	770946.33	958740.34	73	771220.34	958188.84
4	771259.35	958249.24	28	770939.44	958339.50	52	770946.33	958742.34	74	771220.37	958190.84
ALL ZONE MONITORING WELL (DZMW-1) PAD			DIESEL FUEL STORAGE PAD			DRY RETENTION POND			POINT TABLE		
POINT TABLE			POINT TABLE			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING
5	771276.26	958340.81	29	770860.56	958213.19	53	771103.64	958247.78	75	771056.57	958188.29
6	771276.26	958352.22	30	770860.56	958263.33	54	771104.63	958249.11	76	771056.57	958190.29
7	771264.85	958340.81	31	770819.12	958213.19	55	771095.68	958320.14	77	770964.28	958190.55
8	771264.85	958352.22	32	770819.12	958263.33	56	771089.76	958326.23	78	770965.13	958192.53
DEEP INJECTION WELL (IW-1) PAD			TRANSFORMER PAD			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT TABLE			POINT TABLE			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING
9	771211.65	958417.64	33	770811.13	958250.00	53	771103.64	958247.78	79	770955.00	958199.83
10	771211.65	958459.64	34	770811.13	958259.33	54	771104.63	958249.11	80	770955.83	958201.82
11	771196.65	958417.64	35	770803.79	958250.00	55	771095.68	958320.14	81	770908.22	958199.83
12	771196.65	958459.64	36	770803.79	958259.33	56	771089.76	958326.23	82	770908.25	958201.83
DEGASIFIER PAD			NF MEMBRANE BUILDING			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT TABLE			POINT TABLE			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING
13	771138.27	958386.21	37	770877.75	958292.88	59	771254.20	958406.21	90	770977.56	958264.54
14	771138.62	958429.92	38	770881.18	958714.99	60	771218.49	958406.21	91	771253.75	958845.46
15	771117.57	958421.04	39	770801.62	958293.51	61	771191.58	958395.81	92	771253.76	958847.46
16	771117.64	958430.08	40	770805.08	958715.62	62	771175.96	958381.60	93	771102.32	958845.34
17	771051.88	958421.55				63	771149.05	958371.20	94	771102.32	958847.34
18	771051.95	958430.56				64	771001.69	958371.20	95	771044.53	958988.18
19	771024.96	958430.77				65	770996.69	958366.20	96	771042.58	958929.21
20	771024.61	958387.11				66	771254.23	958416.21	97	771042.53	958986.18
BOOSTER PUMPS AND STRAINERS PAD			ADMINISTRATIVE BUILDING			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT TABLE			POINT TABLE			POINT TABLE			POINT NO.	NORTHING	EASTING
POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING	POINT NO.	NORTHING	EASTING
21	770994.65	958214.43	41	771033.24	958862.43	67	771218.49	958416.21	98	770925.92	958986.19
22	770995.36	958283.38	42	771033.24	958871.76	68	771184.86	958403.21	99	770923.93	958988.19
23	770938.16	958215.01	43	771044.57	958871.76	69	771150.12	958381.20	100	770925.33	958916.19
			44	771044.58	958929.22	70	770921.00	958381.20	101	770923.34	958918.19
			45	770935.19	958929.24				102	770809.10	958916.22
			46	770935.11	958871.78				103	770807.10	958918.22
			47	770946.45	958871.78				104	770826.61	958781.35
			48	770912.44	958866.51				105	770826.54	958798.22
									106	770824.57	958783.37
									107	770824.50	958798.22
									108	770807.59	958781.21

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BY DAVID A RAUCH ON THE DATE
10/10/2014 IN SUPPORT OF THE SEAL

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DATE:

DATE:
DAVID A RAUCH

PE NO. 100785

PROJECT NO. 159676-2912

FILE NAME: C-SP-6.

SHEET NO.

2.2B.2

C-SP-6

DELRAY BEACH, FLORIDA

DELRAY BEACH

MEMBRANE WATER TREATMENT PLANT

SITE ZONING, PROJECT DATA & OWNER'S POINT TABLE

