



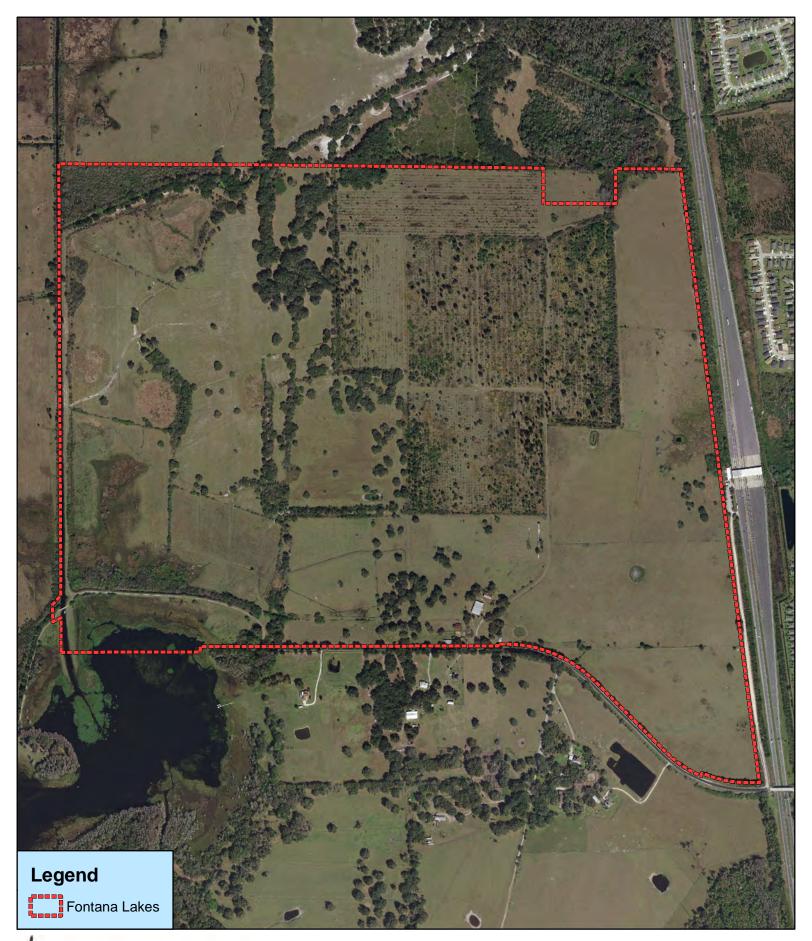
Exhibit No. 3.0

Fontana Lakes
Osceola County, Florida
Figure 1
Location Map
Permit No. 49-100503-P



0 0.4 0.8 Miles
Project #: 494-25
Produced By: JDH

Date: 10/18/2017 Page 1 of 35

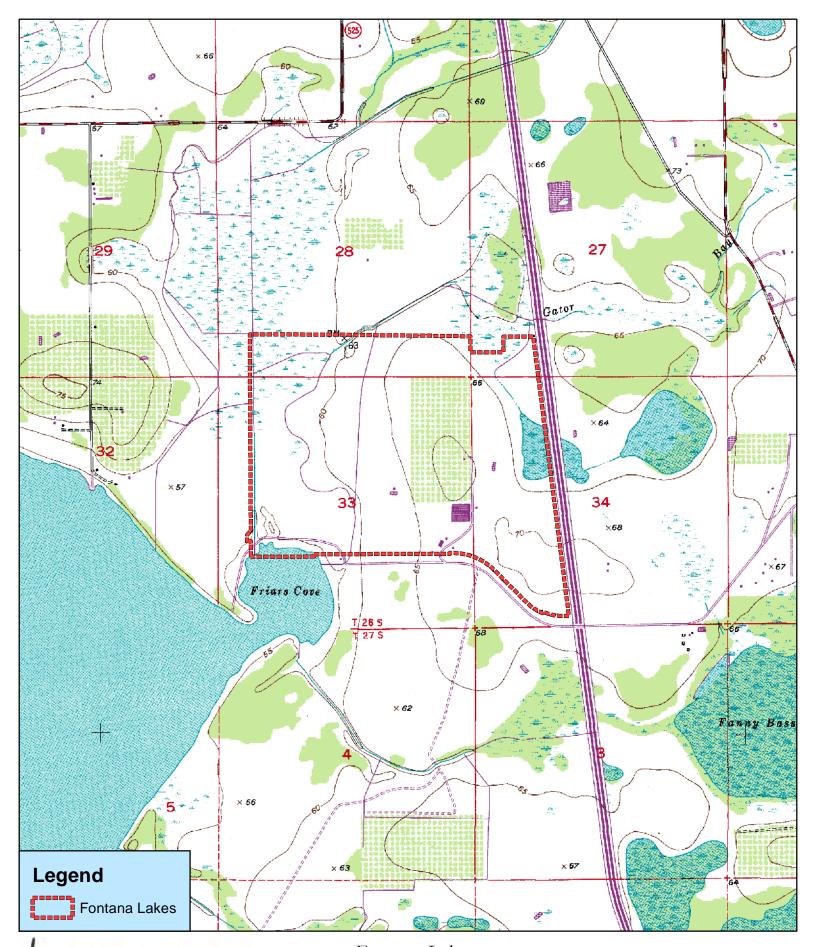




Fontana Lakes
Osceola County, Florida
Figure 2
2017 Aerial Photograph
Permit No. 49-100503-P



0	500	1,000
		Fee
Pro	ject #:	494-25
Pro	duced	By: JDF
Dat	e: 11/2	27/2017
Page	2 of 35	



Bio-Tech Consulting Inc. Environmental and Permitting Services 3025 E. South Street Orlando, FL 32803 Ph: 407-894-5969 Fax: 407-894-5970 www.bio-techconsulting.com

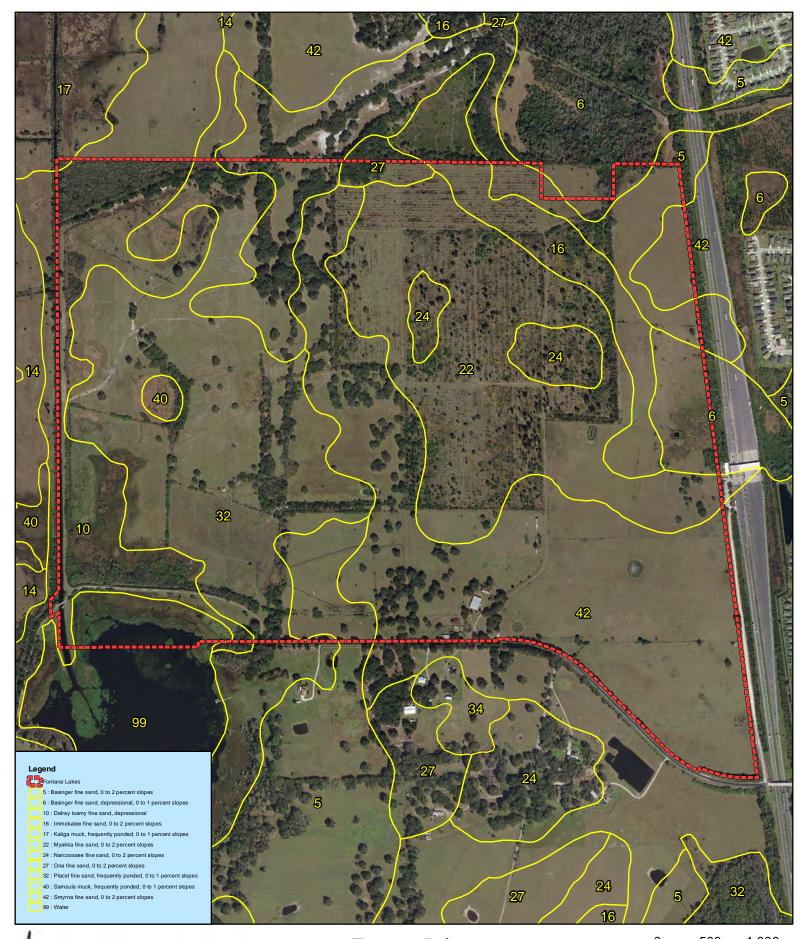
Exhibit No. 3.0

Fontana Lakes
Osceola County, Florida
Figure 3
USGS Topographic Map
Permit No. 49-100503-P



1,000 2,000 Feet Project #: 494-25 Produced By: JDH Date: 10/18/2017

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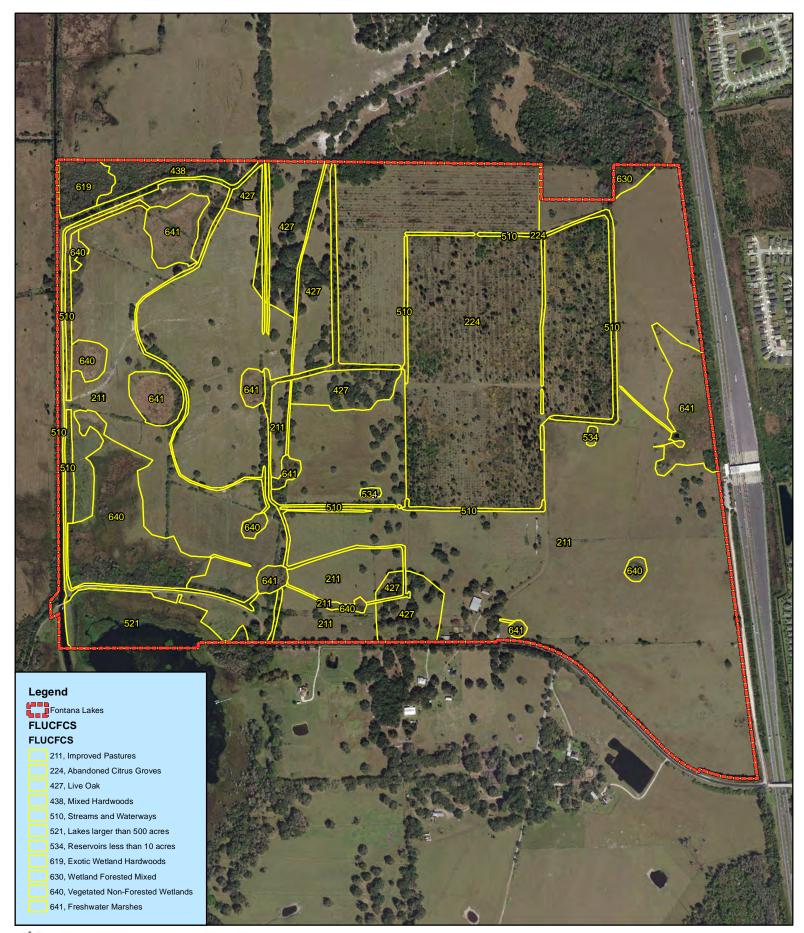
Fontana Lakes Osceola County, Florida Figure 4 USDA - NRCS Soils Map Permit No. 49-100503-P



500 1,000 Project #: 494-25

Produced By: JDH Date: 11/27/2017

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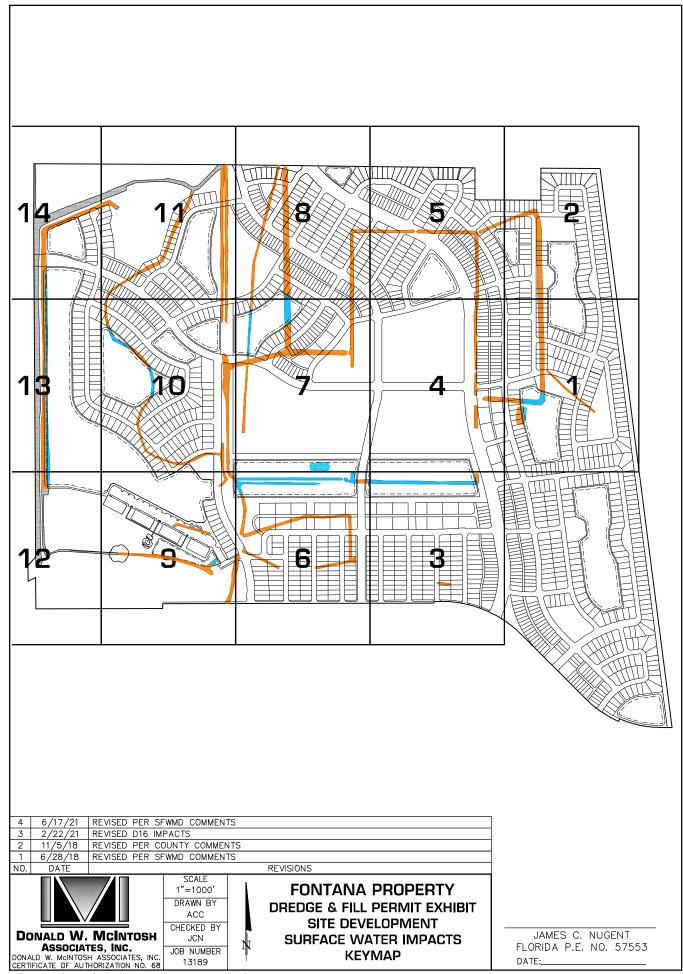
Exhibit No. 3.0

Fontana Lakes
Osceola County, Florida
Figure 5
FLUCFCS Map
Permit No. 49-100503-P



0 500 1,000 Fee Project #: 494-25

Produced By: JDH Date: 11/27/2017 Page 5 of 35



LEGEND

1 EXISTING SURFACE WATER NUMBER*

EEEEE EXISTING SURFACE WATERS

FILL IMPACTS TO SURFACE WATERS

DREDGE IMPACTS TO SURFACE WATERS

LABELS

SWI = SURFACE WATER IMPACT

(F) = IMPACTS DUE TO FILL IMPROVEMENTS

(D) = IMPACTS DUE TO DREDGE IMPROVEMENT

*NOTE: SURFACE WATERS WITHOUT A NUMBER DESIGNATION ARE DITCHES OR CANALS



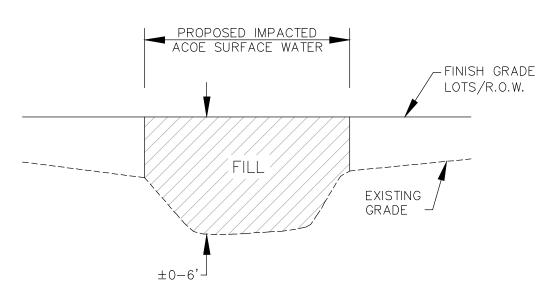
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NTS

DRAWN BY
ACC

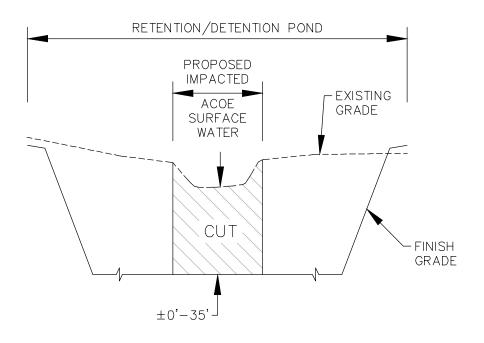
CHECKED BY
JCN

JOB NUMBER
13189

FONTANA PROPERTY
DREDGE & FILL PERMIT EXHIBIT
SITE DEVELOPMENT
SURFACE WATER IMPACTS
LEGEND



TYPICAL SECTION — FILL IMPACT
PROPOSED IMPACTED ACOE SURFACE WATER



TYPICAL SECTION — CUT IMPACT PROPOSED IMPACTED ACOE SURFACE WATER



FONTANA PROPERTY
DREDGE & FILL PERMIT EXHIBIT
SITE DEVELOPMENT
SURFACE WATER IMPACTS
SECTIONS

	SURFACE WATER IMPACTS DUE TO FILL IMPROVEMENTS					
	DESCRIPTION	ID	AREA (SF)	AREA (AC)		
	SWI-1A	SW-1	12,896	0.30		
	SWI-A	D1	9,598	0.22		
	SWI-B	D3	105,963	2.43		
	SWI-D	D3	16,926	0.39		
	SWI-E	D2	2,731	0.06		
	SWI-F	D9	2,902	0.07		
	SWI-H	D4	7,819	0.18		
	SWI-I	D5	5,152	0.12		
	SWI-J	D6	56,681	1.30		
	SWI-K	D7	16,620	0.38		
	SWI-L	D13	60,930	1.39		
	SWI-M	D12	8,368	0.19		
	SWI-N	D11	20,509	0.47		
	SWI-0	D9	4,172	0.09		
	SWI-S	D13	135,965	3.12		
	SWI-T	D8	45,488	1.04		
	SWI-W	D13	30,354	0.69		
	SWI-X	D13	74,607	1.71		
	SWI-Y	D16	29,752	0.68		
`	SWI-Z	D14	7,080	0.16		
	SWI-AA	D15	35,412	0.81		
	SWI-AC	D15	8,531	0.20		
	SWI-AE	D15	43,876	1.01		
	SWI-AF	D15	42,550	0.98		
	SWI-AG	D15	40,786	0.94		
	SWI-AH	D16	49,043	1.13		
	SWI-AJ	D17	94,760	2.19		
				~~~~=		
	TOTAL	·	969,471	22.25		

SURFACE WATER IMPACTS DUE TO DREDGE IMPROVEMENTS				
DESCRIPTION	ID	AREA (SF)	AREA (AC)	
SWI-1B	SW-1	3,683	0.08	
SWI-2	SW-2	16,084	0.37	
SWI-C	D3	14,390	0.33	
SWI-G	D9	33,079	0.76	
SWI-P	D9	5,572	0.13	
SWI-Q	D10	932	0.02	
SWI-R	D13	41,912	0.96	
SWI-U	D13	16,809	0.38	
SWI-V	D13	8,435	0.19	
SWI-AB	D15	6,403	0.15	
SWI-AD	D15	6,668	0.15	
SWI-AI	D16	21,344	0.49	
SWI-AK	D17	17,580	0.41	
SWI-AL	D16	2,742	0.06	
TOTAL		195,633	4.48	

4	6/17/21	REVISED PER SFWMD COMMENTS	
3	2/22/21	REVISED D16 IMPACTS	
2	11/5/18	REVISED PER COUNTY COMMENTS	
1	6/28/18	REVISED PER SFWMD COMMENTS	
NO.	DATE	REVISIONS	
		SCALE ,	

DONALD W. MCINTOSH
ASSOCIATES, INC.
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CERTIFICATE OF AUTHORIZATION NO. 68

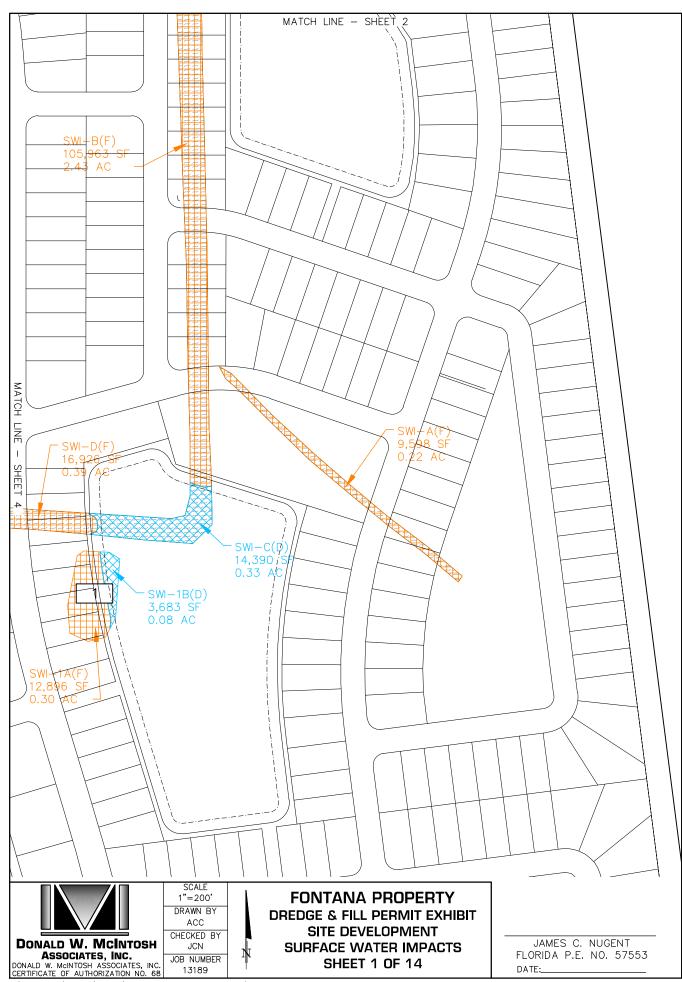
SCALE
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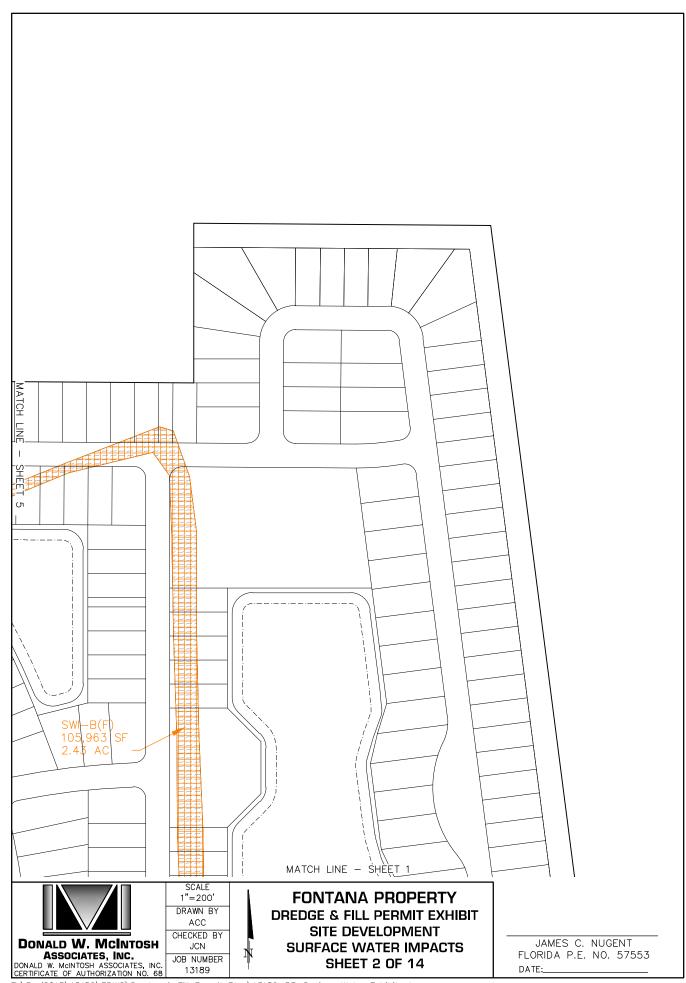
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JCN

JOB NUMBER
13189

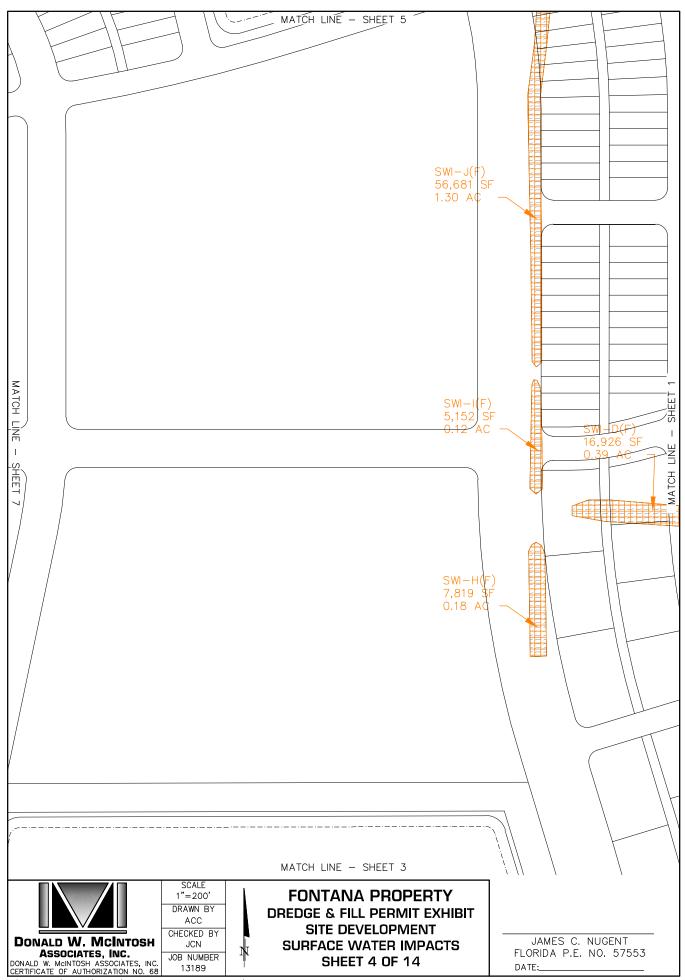
FONTANA PROPERTY
DREDGE & FILL PERMIT EXHIBIT
SITE DEVELOPMENT
SURFACE WATER IMPACTS
TABLES

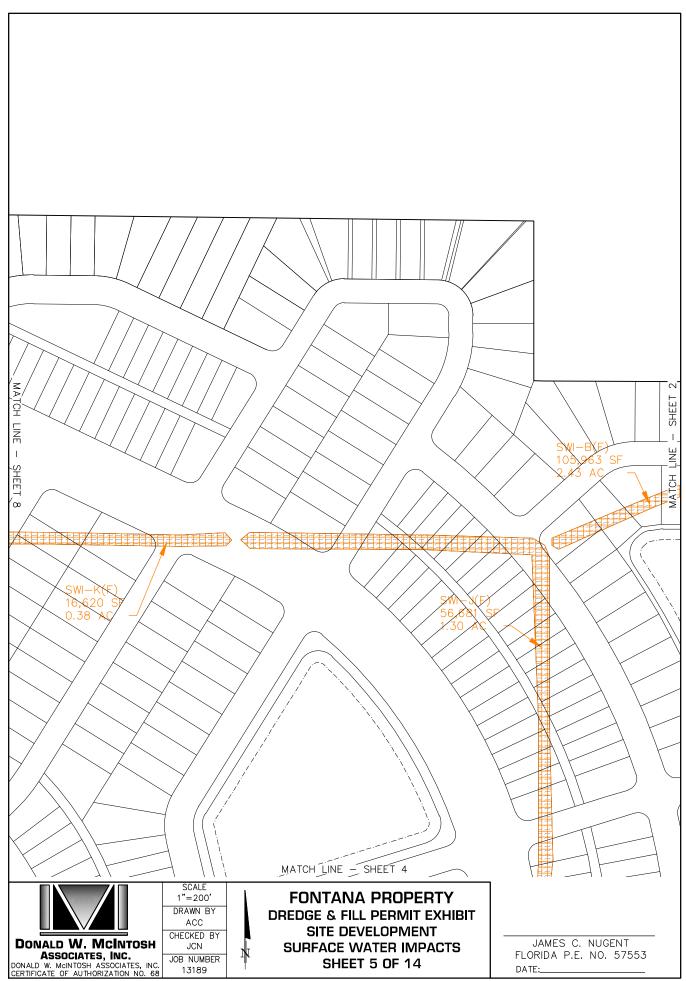


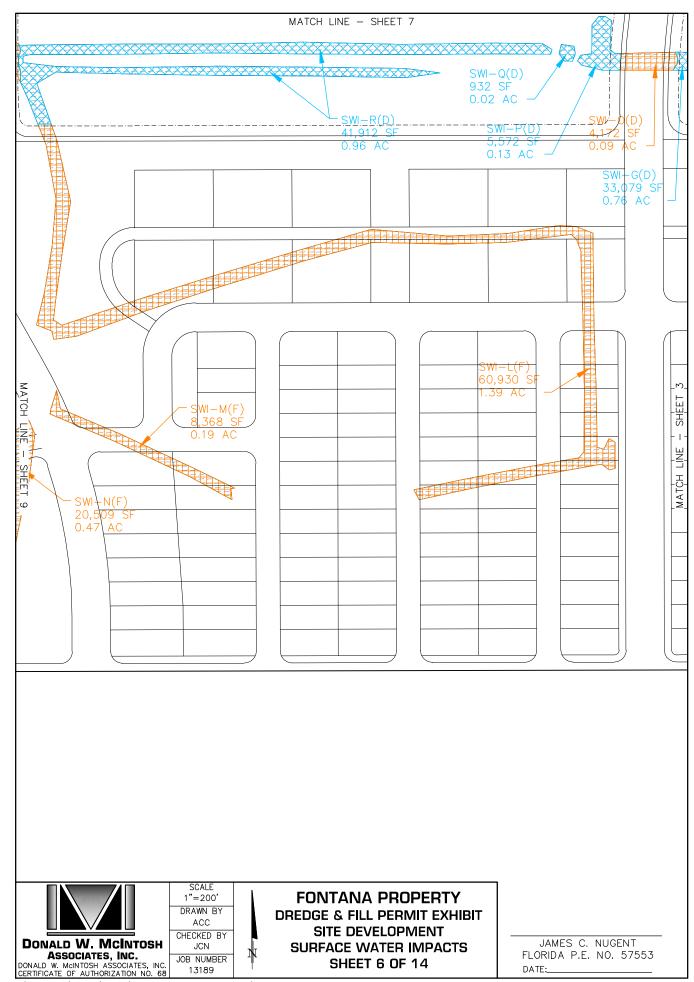


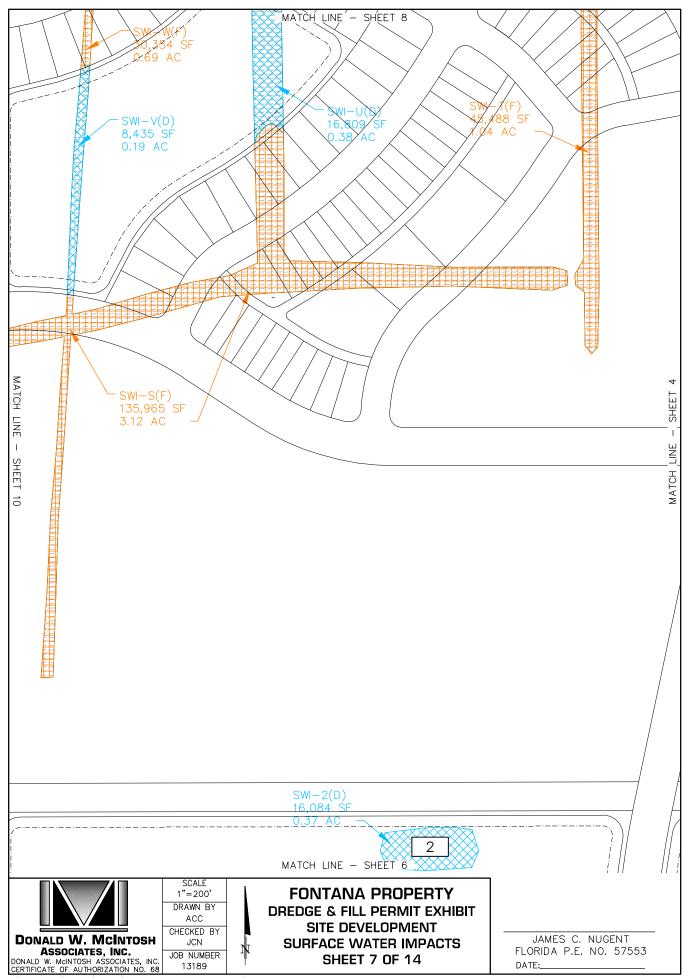


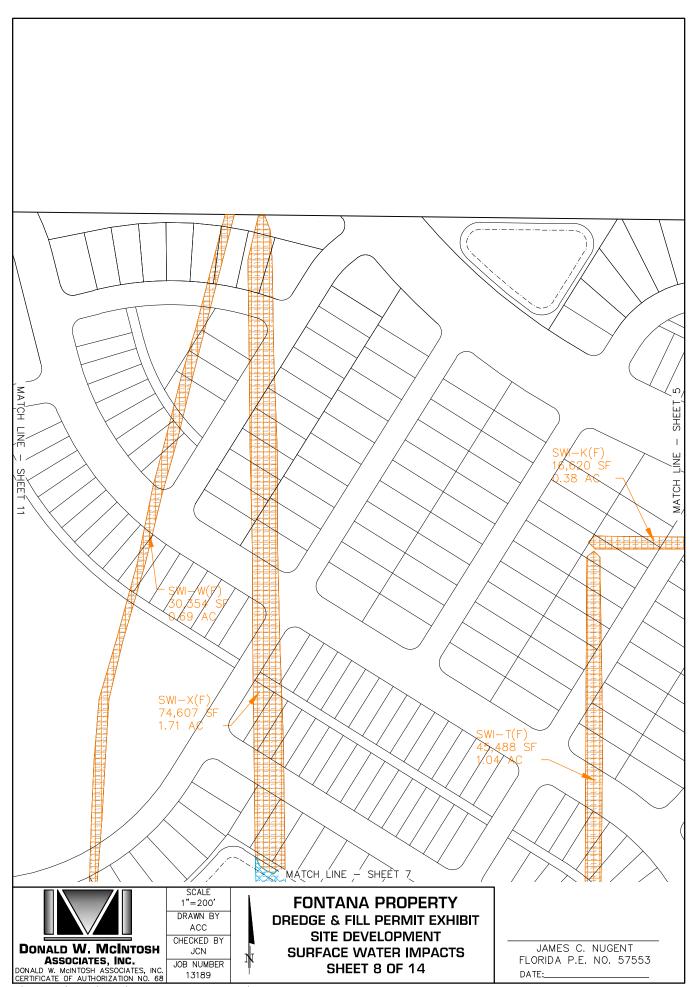
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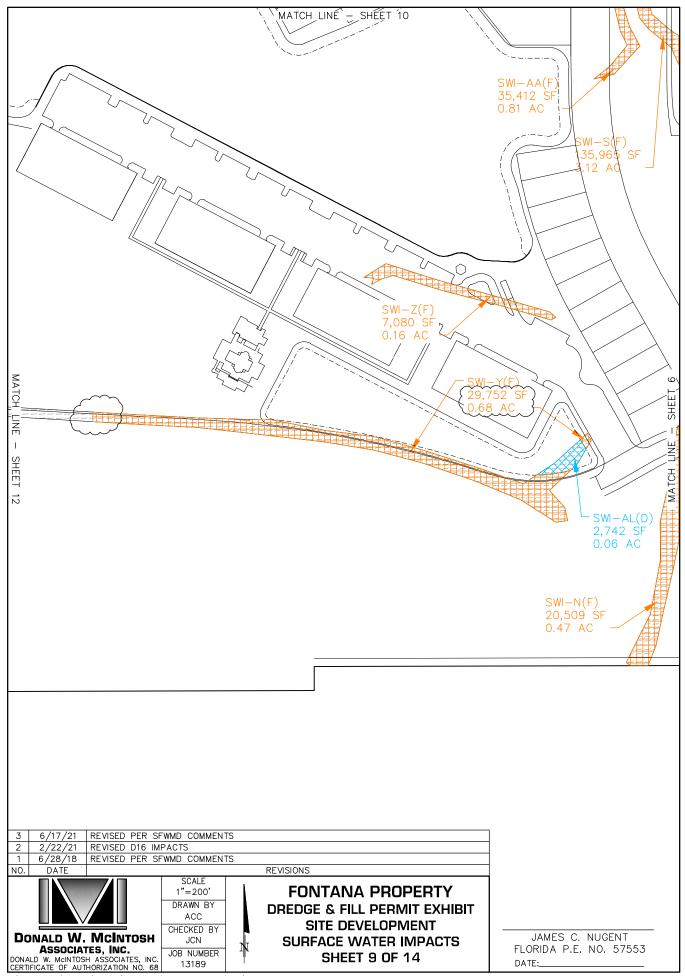


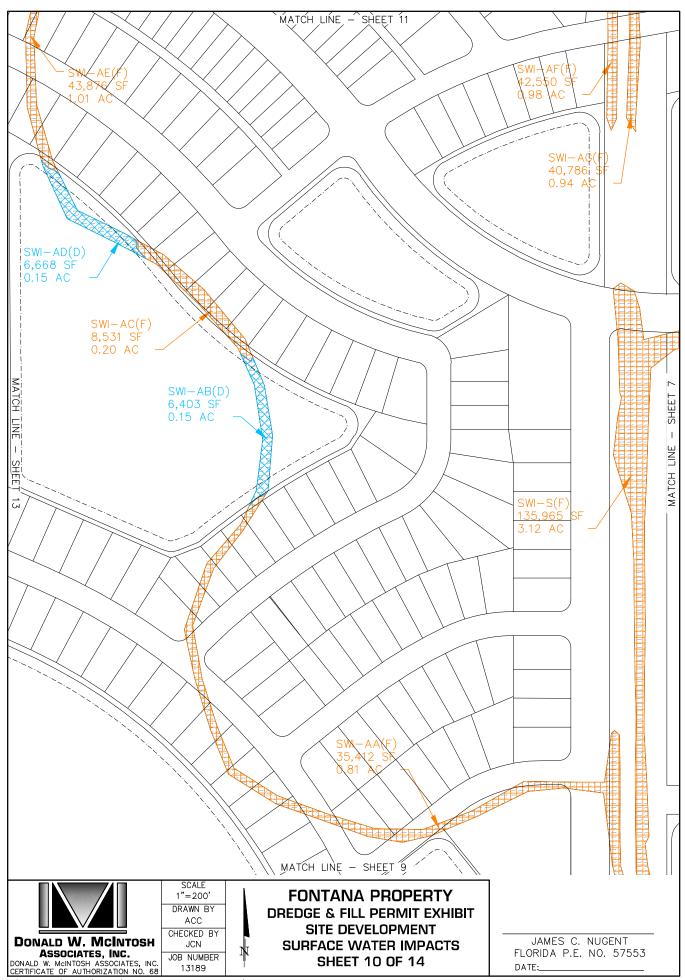


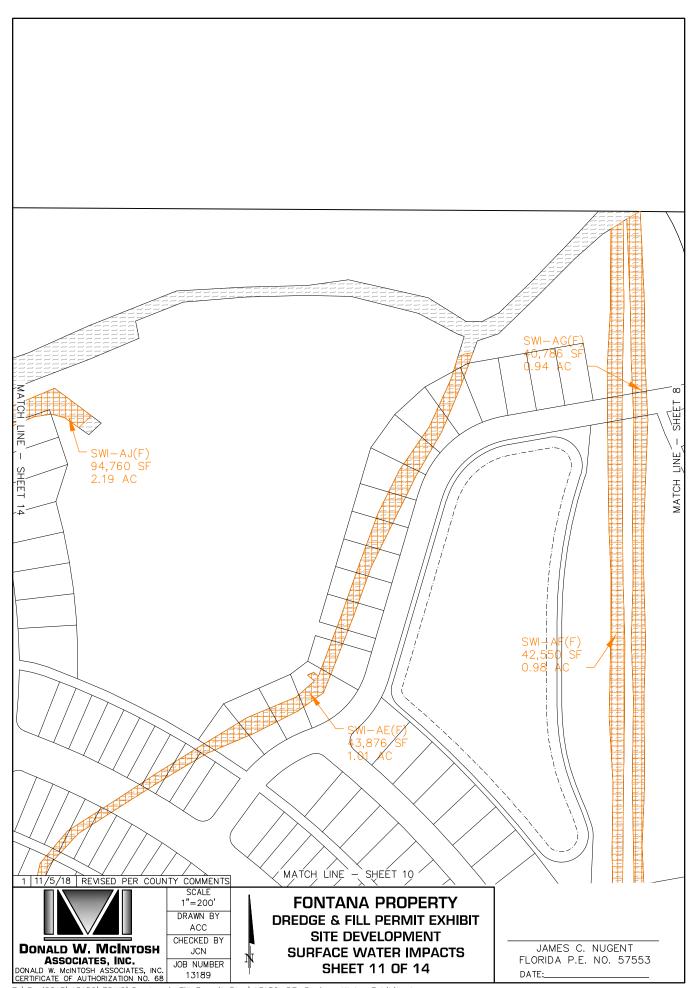


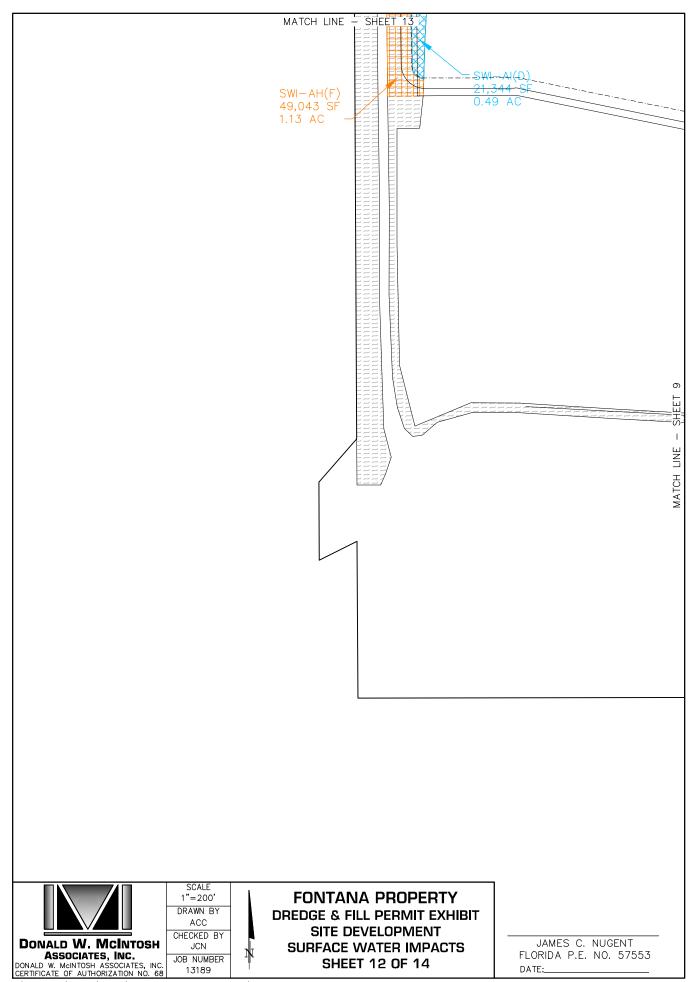


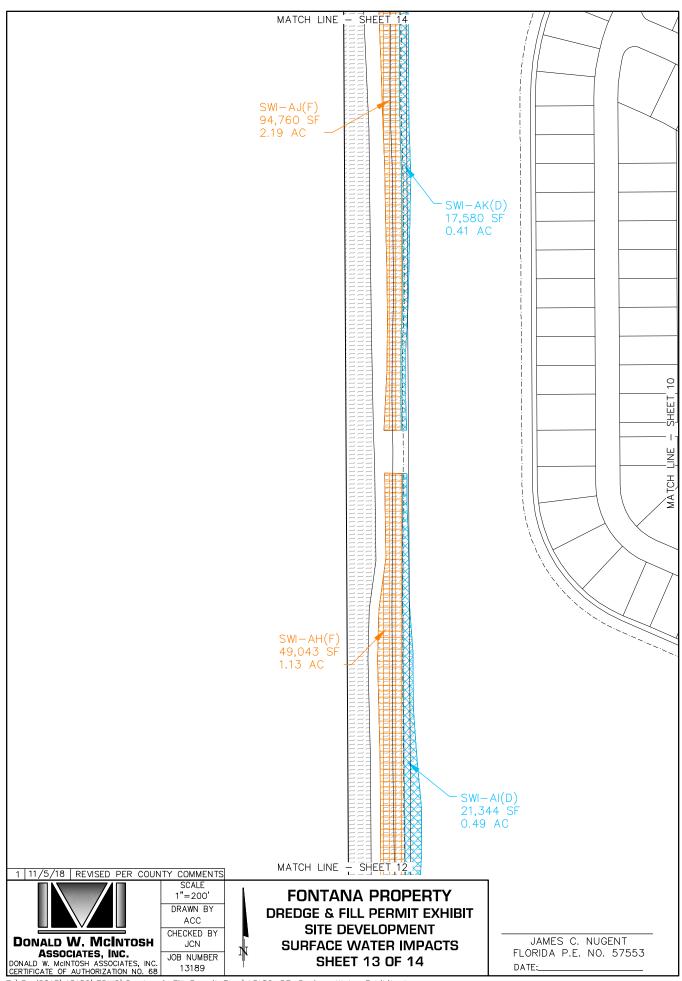


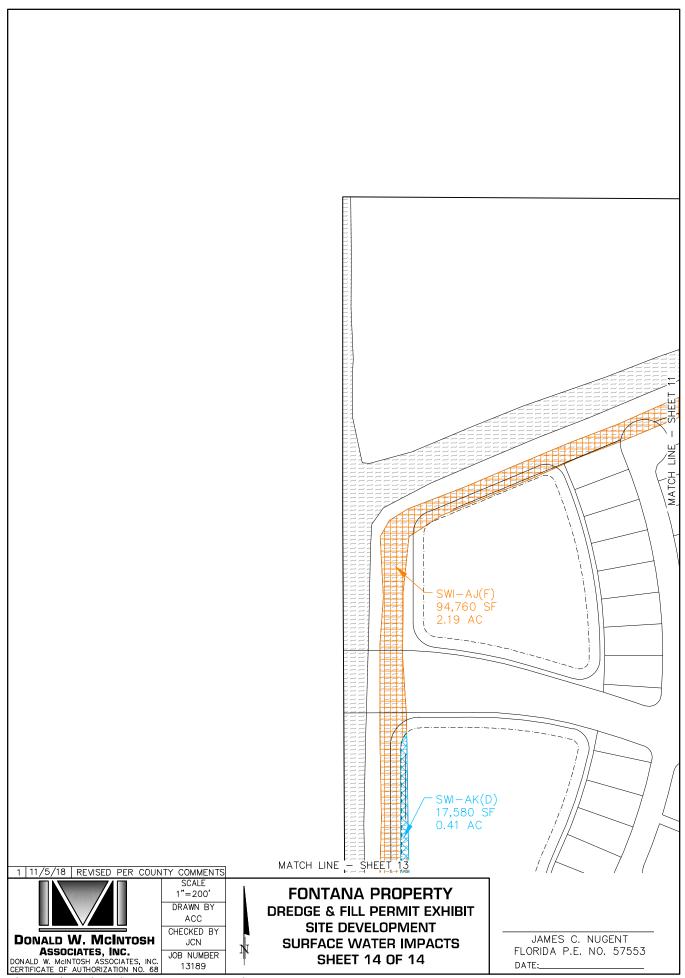


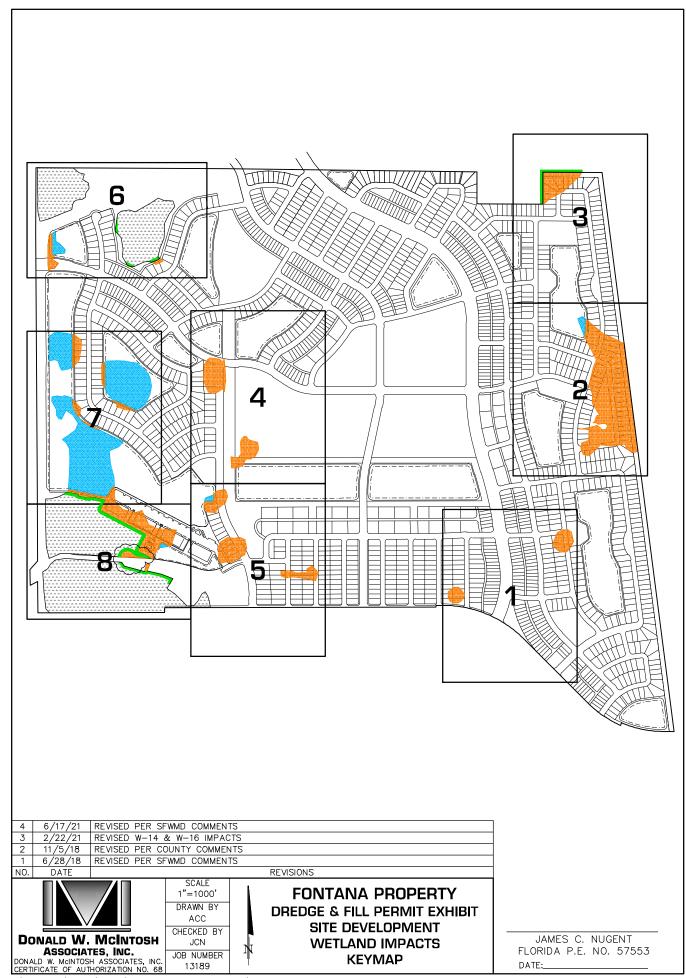












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## LEGEND

14 EXISTING WETLAND NUMBER

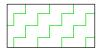
EXISTING WETLANDS



FILL IMPACTS TO WETLANDS



DREDGE IMPACTS TO WETLANDS



SECONDARY WETLAND IMPACTS

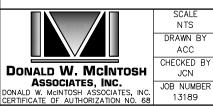
## LABELS

WI = WETLAND IMPACT

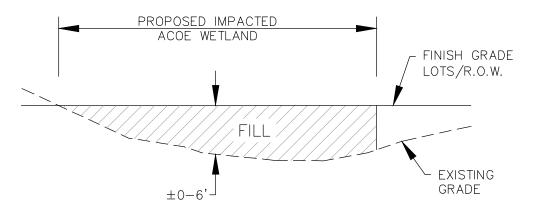
WS = SECONDARY WETLAND IMPACT

(F) = IMPACTS DUE TO FILL IMPROVEMENTS

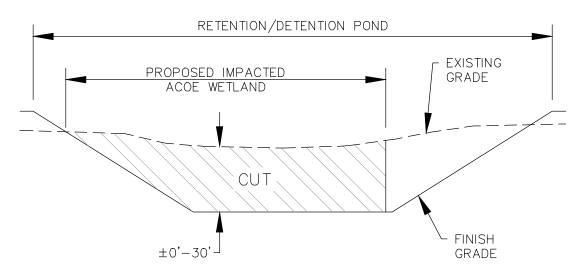
(D) = IMPACTS DUE TO DREDGE IMPROVEMENT



FONTANA PROPERTY
DREDGE & FILL PERMIT EXHIBIT
SITE DEVELOPMENT
WETLAND IMPACTS
LEGEND



TYPICAL SECTION — FILL IMPACT PROPOSED IMPACTED ACOE WETLAND



TYPICAL SECTION — CUT IMPACT PROPOSED IMPACTED ACOE WETLAND



FONTANA PROPERTY
DREDGE & FILL PERMIT EXHIBIT
SITE DEVELOPMENT
WETLAND IMPACTS
SECTIONS

WETLAND IMPACTS DUE TO FILL IMPROVEMENTS				
DESCRIPTION	AREA (SF)	AREA (AC)		
WI - 1	21,428	0.49		
WI-2	37,298	0.86		
WI-3A	488,744	11.21		
WI-4A	76,207	1.75		
WI-5	47,824	1.10		
WI-6	72,501	1.66		
WI-7A	33,508	0.77		
WI-8	63,330	1.45		
WI-9	29,826	0.68		
WI-10A	19,052	0.44		
WI-11A	3,265	0.07		
WI-11B	108	0.01		
WI-12A	23,531	0.54		
WI-13A	7,111	0.17		
WI-13B	7,549	0.17		
WI-14A	7,717	0.18		
WI-14B	1,061	0.02		
WI-14D	175,246	4.03		
WI-14F	9,727	0.22		
WI-16A	1,943	0.05		
WI-16B	385	0.009		
TOTAL	1,127,361	25.88		

WETLAND IMPACTS DUE TO DREDGE IMPROVEMENTS					
DESCRIPTION	AREA (SF)	AREA (AC)			
WI-3B	9,767	0.22			
WI-7B	5,258	0.12			
WI-10B	17,503	0.40			
WI-12B	80,274	1.84			
WI-13C	195,639	4.49			
WI-14C	357,250	8.20			
WI-14E	1,838	0.04			
TOTAL	667,529	15.31			

	PRESERVED WETLANDS				
	DESCRIPTION	AREA (SF)	AREA (AC)		
	11	278,539	6.39		
	14	498,291	11.44	D	
	15	222,709	5.12		
	16	684,660	15.72		
•	TOTAL	1,684,199	38.66		

		Γ
DESCRIPTION	AREA (SF)	AREA (AC)
WS-4B	19,099	0.44
WS-11C	2,583	0.06
WS-11D	1,860	0.04
WS-11E	2,197	0.05
WS-14E	41,599	0.95
WS-16C	15,736	0.36
TOTAL	83,074	1.90

4	6/17/21	REVISED PER SFWMD COMMENTS			
3	2/22/21	REVISED W-14 & W-16 IMPACTS			
2	11/5/18	REVISED PER COUNTY COMMENTS			
1	6/28/18	REVISED PER SFWMD COMMENTS			
NO.	DATE	REVISIONS			
			SCALE		

DONALD W. MCINTOSH
ASSOCIATES, INC.
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CERTIFICATE OF AUTHORIZATION NO. 68

SCALE NTS DRAWN BY ACC CHECKED BY JCN JOB NUMBER 13189

FONTANA PROPERTY
DREDGE & FILL PERMIT EXHIBIT
SITE DEVELOPMENT
WETLAND IMPACTS
TABLES







