

*Valencia Water
Control District*


Agenda

April 9, 2019

AGENDA

**VALENCIA WATER CONTROL DISTRICT
NOTICE OF MEETING
OF
BOARD OF SUPERVISORS**

Please be advised that the Meeting of the Board of Supervisors of Valencia Water Control District will be held on Tuesday, April 9, 2019 at 1:00 P.M. in the **Lake Ridge Village Clubhouse, 10630 Larissa Street (Directions listed below)**. Attached is an Agenda for the meeting.



George S. Flint, District Director

DIRECTIONS TO MEETING:

From Orlando go West on I-4 to the Beach Line Expressway (528); go east past International Drive to Orangewood Blvd.; Go South on Orangewood Blvd., through 4-way stop at Gateway, turn left on Larissa Street. Proceed to Lake Ridge Village Clubhouse on right.

DISTRIBUTION

William Ingle; Ed Neal; Debra Donton; Brian Andrelczyk; David E. Mahler; Stephen F. Broome; Green Briar Village Clubhouse; Lake Ridge Village Clubhouse; Lime Tree Village Clubhouse; Montpelier Village Clubhouse; Parkview Pointe Village Clubhouse; Somerset Village Clubhouse; Deer Creek Village Clubhouse; Wingate Club; Lyle Spector, WHOA; and Tom Johnson, Orangewood HOA; Roy Miller, Waterview HOA; and Ken LaFrance, Windsor Walk.

“Persons are advised that if they decide to appeal any decisions made at these meetings/hearings, they will need a record of the proceedings and for such purpose they may need to ensure that a verbatim record of the proceedings is made which includes the testimony and evidence upon which the appeal is to be based, per section 298.0105, Florida Statutes.”

“In accordance with the Americans with Disabilities Act, persons with disabilities needing a special accommodation should contact Valencia Water Control District at (407) 841-5524 x 101, not later than forty-eight hours prior to the meeting.”

AGENDA

April 9, 2019

VALENCIA WATER CONTROL DISTRICT
BOARD OF SUPERVISORS MEETING
1 P.M.
LAKE RIDGE VILLAGE CLUBHOUSE
10630 LARISSA STREET
WILLIAMSBURG, ORLANDO, FLORIDA 32821

Item

1. Call Meeting to Order
2. Acceptance of Resignation of James Gerard and Appointment of Individual to Fulfill the Board Vacancy
3. Approval of March 12, 2019 Minutes
4. General Fund Financial Reports
5. Engineer's Report
 - A. Approval of Permit No. 0163B-2 Modification of Permit No. 0163B – SeaWorld Project 2020
6. Attorney's Report
7. Director's Report
 - A. Customer Call Log
8. Other Business
 - A. Acknowledge Nominations (5-year term; 3-year term; 2-year term)
 - B. Appoint Proxy Agent(s)
 - C. Establish Annual Landowners' Meeting Date – Tuesday, June 11, 2019 at 1:00 PM
9. Adjournment

SECTION II

Stacie Vanderbilt
135 W. Central Blvd.
Suite 320
Orlando, FL 32801

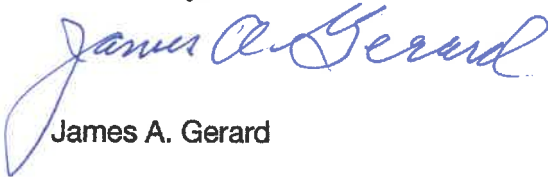
March 20, 2019

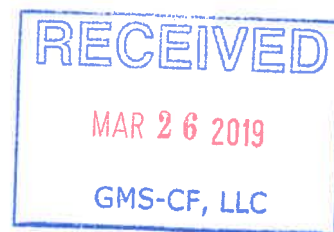
Valencia Water Protection District

Gentlemen

This letter is to inform you that after much consideration I have determined to retire from the Board of the Valencia Water Protection District, effective March 21, 2019. I have thoroughly enjoyed my tenure on the Board and wish many more positive results from the board in the future.

Sincerely,


James A. Gerard



SECTION III

**MINUTES OF THE MONTHLY MEETING
OF THE BOARD OF SUPERVISORS
OF VALENCIA WATER CONTROL DISTRICT**

March 12, 2019

The monthly meeting of the Board of Supervisors of **VALENCIA WATER CONTROL DISTRICT** was held at 1:00 P.M. on Tuesday, March 12, 2019, in the Lake Ridge Village Clubhouse, Williamsburg Subdivision in Orlando, Florida. Present were Supervisors James Gerard, Ed Neal, Debra Donton and Brian Andrelczyk. Also in attendance were the following: Stephen F. Broome, District Attorney; George S. Flint, District Director; David Mahler, District Engineer; Stacie Vanderbilt, District Administrative Assistant; Teresa Viscarra, District Accounts Payable; Dan Brown, Sthern Environmental; and Roy Miller, Waterview Resident.

ITEM #1 **Call Meeting to Order**

Mr. Flint called the meeting to order at 1:00 PM.

ITEM #2 **Administration of Oath of Office to Brian Andrelczyk - Added**

Mr. Broome being a Notary Public of the State of Florida administered the Oath of Office to Mr. Andrelczyk.

ITEM #3 **Approval of February 12, 2019 Minutes**

Mr. Flint stated the next item was the minutes from the February 12, 2019 monthly meeting. He asked if there were any corrections, deletions or additions. There being none,

On MOTION by Mr. Gerard seconded and carried, with all in favor the minutes of the February 12, 2019 Monthly Meeting of the Board of Supervisors were approved.

ITEM #4 **General Fund Financial Reports**

Mr. Flint stated the unaudited financials as of February 28, 2019 were included in the agenda package and that they were in a different format than prior financials. He explained to the Board how the new format was read.

Mr. Neal asked if prior year budget numbers were included in the financials.

Ms. Viscarra stated that it has not historically been presented that way.

Mr. Neal asked if the District was audited.

Mr. Flint stated yes as it is a State requirement to be audited every year.

The District's financial reports for the period ending 2/28/19 were accepted as distributed.

ITEM #5

Engineer's Report

Mr. Mahler stated that the pending permits were still in the review process and would possibly be ready by next month for Board approval. He also informed the Board that his office was working on a table to show a list of all the permits.

• Windsor Walk Ponds

Mr. Mahler stated he went to the Windsor Walk subdivision to review the algae that was reported on the three ponds by the property manager. He stated that there was still a small amount of algae on the edge of the water and not much trash.

Mr. Brown stated he would do a trash pick up the next time he was out there.

• Hubbard Construction

Mr. Mahler stated that Hubbard completed the repairs on the canal and that he inspected the area and submitted his findings to Hubbard and FDEP for review.

Mr. Flint stated that Hubbard would go back out to take care of any minor issues but that the main work was done to open the gate back up to fill the canal.

ITEM #6

Attorney's Report

There being none, next item followed.

ITEM #7

Director's Report

A. Consideration of Proposal from Aquatic Management Strategies to Install Grass Carp Barriers in Various Ponds

Mr. Flint stated that the District has a permit to install Grass Carp in the ponds but in order to renew the permit, barriers will have to be installed. He stated the District's aquatic management company provided a proposal that was included in the agenda for the Board's consideration. He stated he also distributed a handout with pictures and descriptions of the barriers that are used. He advised that the newer designs help prevent gators from tampering.

On MOTION by Mr. Gerard seconded and carried, with all in favor the proposal from Aquatic Management Strategies to Install Grass Carp barriers was approved.

B. Call Log

Mr. Flint stated presented the call log in the agenda to the Board. He stated that the mowing may be moved to commence April 1st due to the warmer winter causing higher grass earlier than normal.

ITEM #8

Other Business

There being none,

ITEM #9

Adjournment

On MOTION by Mr. Gerard, seconded and carried with all in favor the meeting was adjourned at 1:27 p.m.

Stephen F. Broome, Secretary

James A. Gerard

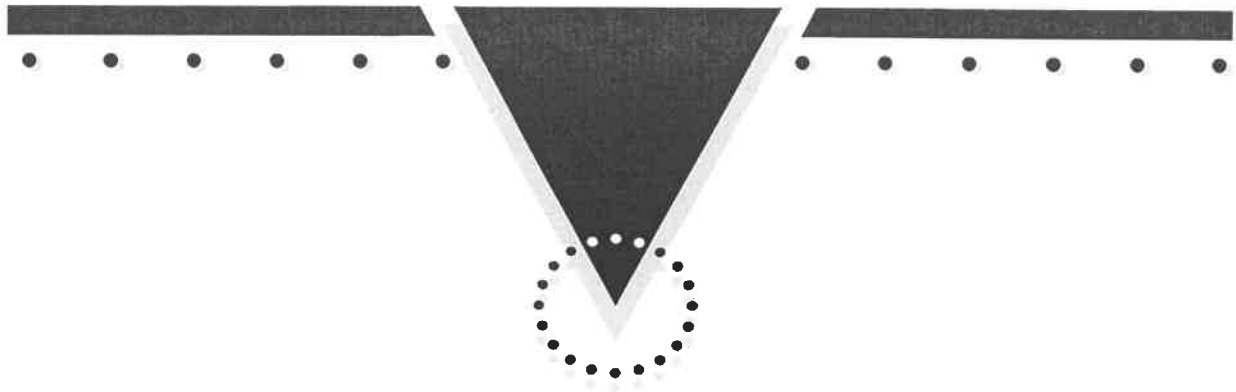
William Von Ingle

Ed Neal

Debra Donton

Brian Andrelczyk

SECTION IV



**Valencia
Water Control District**

Unaudited Financial Reporting

March 31, 2019



Table of Contents

1	<hr/>	Balance Sheet
2	<hr/>	General Fund Income Statement
3	<hr/>	Month to Month
4	<hr/>	Assessment Receipt Schedule

VALENCIA
WATER CONTROL DISTRICT
BALANCE SHEET
March 31, 2019

	General Fund	Totals 2019
<u>ASSETS:</u>		
OPERATING - SUNTRUST	\$565,098	\$565,098
CAPITAL RESERVE - SUNTRUST	\$100,438	\$100,438
<u>INVESTMENTS</u>		
SBA - CAPITAL RESERVES	\$153,892	\$153,892
SBA - OPERATING RESERVES	\$51,297	\$51,297
PETTY CASH	\$100	\$100
<u>FIXED ASSETS</u>		
LAND	\$700,120	\$700,120
STRUCTURES	\$672,531	\$672,531
CANALS	\$2,888,690	\$2,888,690
PONDS	\$1,245,537	\$1,245,537
EQUIPMENT & OFFICE FURNITURE	\$12,767	\$12,767
ACCUMULATED DEPRECIATION	(\$4,750,266)	(\$4,750,266)
TOTAL ASSETS	\$1,640,205	\$1,640,205
<u>LIABILITIES:</u>		
ACCOUNTS PAYABLE	---	\$0
<u>FUND EQUITY:</u>		
FUND BALANCES:		
UNASSIGNED	\$774,048	\$774,048
NET ASSETS CAPITALIZED	\$866,157	\$866,157
TOTAL LIABILITIES & FUND EQUITY	\$1,640,205	\$1,640,205

VALENCIA

COMMUNITY DEVELOPMENT DISTRICT

GENERAL FUND

Statement of Revenues & Expenditures

For The Period Ending March 31, 2019

	ADOPTED BUDGET	PRORATED BUDGET THRU 3/31/19	ACTUAL THRU 3/31/19	VARIANCE
REVENUES:				
ASSESSMENTS - TAX ROLL	\$553,302	\$506,726	\$506,726	\$0
INTEREST	\$0	\$0	\$2,655	\$2,655
MISCELLANEOUS INCOME	\$0	\$0	\$97	\$97
TOTAL REVENUES	\$553,302	\$506,726	\$509,478	\$2,752
EXPENDITURES:				
ADMINISTRATIVE:				
SUPERVISORS FEES	\$2,500	\$1,250	\$550	\$700
ENGINEERING	\$37,200	\$18,600	\$10,500	\$8,100
ATTORNEY	\$12,000	\$6,000	\$6,000	\$0
ANNUAL AUDIT	\$5,100	\$0	\$0	\$0
ASSESSMENT ROLL CERTIFICATION	\$2,500	\$2,500	\$2,500	\$0
MANAGEMENT FEES	\$48,800	\$24,400	\$24,400	(\$0)
WEBSITE ADMINISTRATION	\$600	\$300	\$300	\$0
WORKERS COMPENSATION	\$600	\$600	\$0	\$600
INSURANCE	\$12,650	\$12,650	\$11,000	\$1,650
REPORT PREPARATION - NPDES	\$25,000	\$12,500	\$4,085	\$8,415
OFFICE LEASE	\$12,980	\$6,490	\$7,542	(\$1,052)
FREIGHT	\$200	\$100	\$0	\$100
PRINTING & BINDING	\$500	\$250	\$83	\$167
POSTAGE	\$500	\$250	\$72	\$178
TRAVEL PER DIEM	\$200	\$100	\$0	\$100
LEGAL ADVERTISING	\$1,200	\$600	\$178	\$423
BANK FEES	\$300	\$150	\$0	\$150
OTHER CURRENT CHARGES	\$400	\$200	\$6	\$194
OFFICE SUPPLIES	\$1,000	\$500	\$473	\$27
ELECTION FEES	\$2,800	\$0	\$0	\$0
MEETING RENTAL FEE	\$500	\$250	\$150	\$100
PROPERTY APPRAISER FEE	\$5,408	\$5,408	\$5,388	\$20
DUES, LICENSES & SUBSCRIPTIONS	\$2,150	\$1,075	\$1,175	(\$100)
FIELD OPERATIONS:				
UTILITIES:				
ELECTRIC/WATER & SEWER	\$1,000	\$500	\$159	\$341
INTERNET & TELEPHONE	\$1,500	\$750	\$816	(\$66)
CONTRACTS:				
AQUATIC WEED CONTROL	\$35,000	\$17,500	\$22,887	(\$5,387)
MOWING	\$85,000	\$42,500	\$16,992	\$25,508
WATER QUALITY MONITORING	\$20,214	\$10,107	\$6,582	\$3,525
JANITORIAL	\$2,000	\$1,000	\$655	\$345
REPAIRS & MAINTENANCE:				
CANAL & RETENTION POND MAINTENANCE	\$175,000	\$87,500	\$7,900	\$79,600
OFFICE	\$750	\$375	\$90	\$285
SECURITY GATES & SIGNS	\$750	\$375	\$0	\$375
OTHER:				
NPDES INSPECTION & FEES	\$6,000	\$3,000	\$1,875	\$1,125
OPERATING SUPPLIES	\$500	\$250	\$0	\$250
CONTINGENCY	\$500	\$250	\$0	\$250
CAPITAL IMPROVEMENT:				
CAPITAL RESERVES	\$50,000	\$25,000	\$0	\$25,000
TOTAL EXPENDITURES	\$553,302	\$283,280	\$132,357	\$150,923
EXCESS REVENUES (EXPENDITURES)	\$0		\$377,121	
FUND BALANCE - Beginning	\$0		\$396,927	
FUND BALANCE - Ending	\$0		\$774,048	

VALENCIA Community Development District

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
REVENUES:													
ASSESSMENTS - TAX ROLL	\$0	\$6,506	\$347,369	\$46,892	\$50,405	\$55,554	\$0	\$0	\$0	\$0	\$0	\$0	\$506,726
INTEREST	\$415	\$412	\$452	\$475	\$478	\$474	\$0	\$0	\$0	\$0	\$0	\$0	\$2,655
MISCELLANEOUS INCOME	\$0	\$97	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$97
TOTAL REVENUES	\$0	\$6,506	\$347,369	\$46,892	\$50,405	\$55,554	\$0	\$0	\$0	\$0	\$0	\$0	\$509,478

EXPENDITURES:													
ADMINISTRATIVE:													
SUPERVISORS FEES	\$0	\$0	\$200	\$0	\$200	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$850
ENGINEERING	\$2,100	\$2,100	\$2,100	\$2,100	\$2,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,500
ATTORNEY	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$6,000
ANNUAL AUDIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ASSESSMENT ROLL CERTIFICATION	\$0	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MANAGEMENT FEES	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$4,067	\$0	\$0	\$0	\$0	\$0	\$0	\$24,400
WEBSITE ADMINISTRATION	\$50	\$50	\$50	\$50	\$50	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$300
WORKERS COMPENSATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INSURANCE	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
REPORT PREPARATION - NPDES	\$1,590	\$0	\$1,910	\$585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,085
OFFICE LEASE	\$1,082	\$1,082	\$1,082	\$1,082	\$1,082	\$2,133	\$0	\$0	\$0	\$0	\$0	\$0	\$7,542
FREIGHT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PRINTING & BINDING	\$21	\$0	\$0	\$16	\$16	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$83
POSTAGE	\$42	\$4	\$4	\$4	\$3	\$14	\$0	\$0	\$0	\$0	\$0	\$0	\$72
TRAVEL PER DIEM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LEGAL ADVERTISING	\$0	\$0	\$178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$178
BANK FEES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER CURRENT CHARGES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OFFICE SUPPLIES	\$315	\$116	\$0	\$20	\$6	\$21	\$0	\$0	\$0	\$0	\$0	\$0	\$473
ELECTION FEES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MEETING RENTAL FEE	\$0	\$0	\$50	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150
PROPERTY APPRAISER FEE	\$5,388	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,388
DUES, LICENSES & SUBSCRIPTIONS	\$1,175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,175

FIELD OPERATIONS:													
UTILITIES:													
ELECTRIC/WATER & SEWER	\$25	\$25	\$25	\$25	\$0	\$60	\$0	\$0	\$0	\$0	\$0	\$0	\$159
INTERNET & TELEPHONE	\$135	\$135	\$135	\$135	\$138	\$138	\$0	\$0	\$0	\$0	\$0	\$0	\$816
CONTRACTS:													
AQUATIC WEED CONTROL	\$6,413	\$7,599	\$2,219	\$2,219	\$2,219	\$2,219	\$0	\$0	\$0	\$0	\$0	\$0	\$22,887
MOWING	\$13,196	\$3,796	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,992
WATER QUALITY MONITORING	\$1,646	\$1,646	\$1,646	\$1,646	\$1,646	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,582
JANITORIAL	\$131	\$131	\$131	\$131	\$131	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$655
REPAIRS & MAINTENANCE:													
CANAL & RETENTION POND MAINTENANCE	\$1,000	\$1,000	\$2,000	\$1,900	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,900
OFFICE	\$0	\$45	\$0	\$0	\$45	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$90
SECURITY GATES & SIGNS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OTHER:													
NPDES INSPECTION & FEES	\$0	\$0	\$1,875	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,875
OPERATING SUPPLIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CONTINGENCY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

CAPITAL IMPROVEMENT:													
CAPITAL RESERVE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TOTAL EXPENDITURES	\$50,375	\$23,650	\$18,670	\$14,979	\$13,752	\$10,932	\$0	\$0	\$0	\$0	\$0	\$0	\$132,357
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EXCESS REVENUES (EXPENDITURES)	(\$50,375)	(\$17,144)	\$328,699	\$31,913	\$36,653	\$44,622	\$0	\$0	\$0	\$0	\$0	\$0	\$377,121
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SECTION V

SECTION A



1117 East Robinson Street
Orlando, Florida 32801
Phone: 407.425.0452

March 25, 2019

Board of Directors
Valencia Water Control District
10365 Orangewood Boulevard
Orlando, Florida 32821

RE: SeaWorld Project 2020
VWCD Permit No. 0163B-2
Modification to Permit No. 0163B
CPH Project No. 6816.06

Dear Honorable Board Members:

We have completed our review of the above referenced project submitted by Atkins North America, Inc. on March 13, 2019. This is a Letter Modification of the VWCD Permit No. 0163B, Sea World Orlando. Based on our review, we have no objection to the Board approving this permit.

Sincerely,

CPH, INC

A handwritten signature in black ink, appearing to read 'D. Mahler', is written over the printed name and title.

David E. Mahler, P.E.
District Engineer

Cc: GMS
John P. Woods, P.E., Atkins
file

Permit No. _____
(Assigned by V.W.C.D.)

PERMIT APPLICATION
Valencia Water Control District
c/o CPH, Inc.
1117 E. Robinson Street
Orlando, FL 32801
VWCD Office: (407) 841-5524 X 101 CPH, Inc. (407) 425-0452

- (1) PROPOSED USE: Sea World SWO 2020 Project
- (2) LOCATION OF WORK: Block: _____ Lot: _____ Subdivision: _____
or Section: 12 Township: 24S Range: 28E
- (3) DISTRICT WORKS INVOLVED: NA
- (4) OWNER OF PROPOSED WORK OR STRUCTURE: Phone #: (407)
Name: Sea World of Florida, LLC Title: _____
Address: 9205 Southpark Center Loop, Suite 400, Orlando, FL 32819
(Street) (City) (State) (Zip)
- (5) APPLICATION OTHER THAN OWNER: (if any) Phone #: 407-363-2125
Name: Brian Andrearczyk Serving as: Vice President
Address: 7007 Sea World Drive, Orlando, FL 32821
(Street) (City) (State) (Zip)
- (6) AREA PROPOSED TO BE SERVED: Give legal description and size in acres. Attach legal description if necessary. If land is platted, indicate Block, Lot and Subdivision. _____
The 1.95-acre proposed facility is located within the Sea World Park along the southeast shoreline of the Sea World Lagoon. See the attached maps.
- (7) CONSTRUCTION SCHEDULE: The proposed work, if permitted, will begin within 30 Calendar days of permit approval and be completed within 250 calendar days thereafter.
- (8) This application, including sketches, drawings or plans and specifications attached contains a full and complete description of work proposed or use desired of the above described facilities of the District and for which permit is herewith applied. It shall be a part of any permit that may be issued. It is agreed that all work or the use of the District's facilities will be in accordance with the permit to be granted.

Submitted this 13 day of March, 2019

Signature of Property Owner (Officer of Corporation): 

Print Name of Property Owner (Officer): Brian Andrearczyk

SWO 2020 PROJECT

PARCEL I.D. NUMBER:
12-24-28-7874-00-010

PROJECT TEAM

ARCHITECT
NEVER ASSOCIATE, INC.
1304 DESOTO AVENUE, SUITE 403
TAMPA, FL 33606
P: (813) 845-2255

OWNER
SEAWORLD ORLANDO
7007 SEAWORLD DRIVE
ORLANDO, FL 32821

CIVIL ENGINEER/AGENT
ATKINS NORTH AMERICA, INC.
10000 W. BOY SCOUT BLVD
TAMPA, FL 33607
P: (807) 847-7275
F: (807) 806-4500

SURVEYOR
CARRAHAN PROCTOR & CROSS
10000 W. BOY SCOUT BLVD, SUITE 101
ORLANDO, FLORIDA 32814
P: (407) 860-5980

PREPARED FOR:

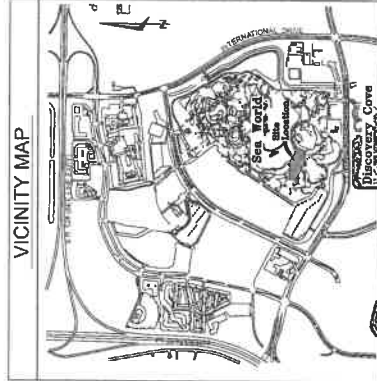
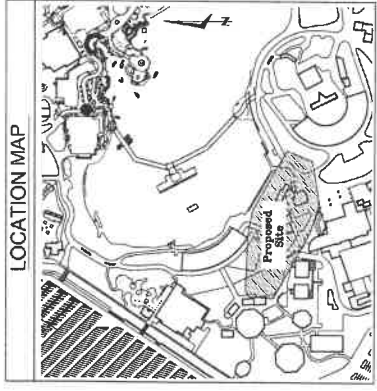


SeaWorld.
ADVENTURE PARK

SeaWorld Orlando
7007 SeaWorld Drive,
Orlando, FL 32821

SHEET INDEX

SHEET NO.	DRAWING TITLE
C-000	COVER SHEET AND DRAWING INDEX
C-001	GENERAL NOTES
C-100	EXISTING CONDITIONS, DEMOLITION, AND EROSION CONTROL PLAN
C-200	SITE PLAN
C-300	GRADING AND DRAINAGE PLAN KEY
C-301	GRADING AND DRAINAGE PLAN WEST
C-302	GRADING AND DRAINAGE PLAN EAST
C-400	UTILITY PLAN
C-500	EROSION CONTROL DETAILS
C-600	SITE AND DRAINAGE DETAILS
C-601	SITE AND DRAINAGE DETAILS
C-602	SITE AND DRAINAGE DETAILS
C-700	OGU POTABLE WATER DETAILS
C-701	OGU POTABLE WATER DETAILS
C-800	OGU SANITARY SEWER DETAILS



CIVIL ENGINEER

ATKINS
PLAN DESIGN ENABLE

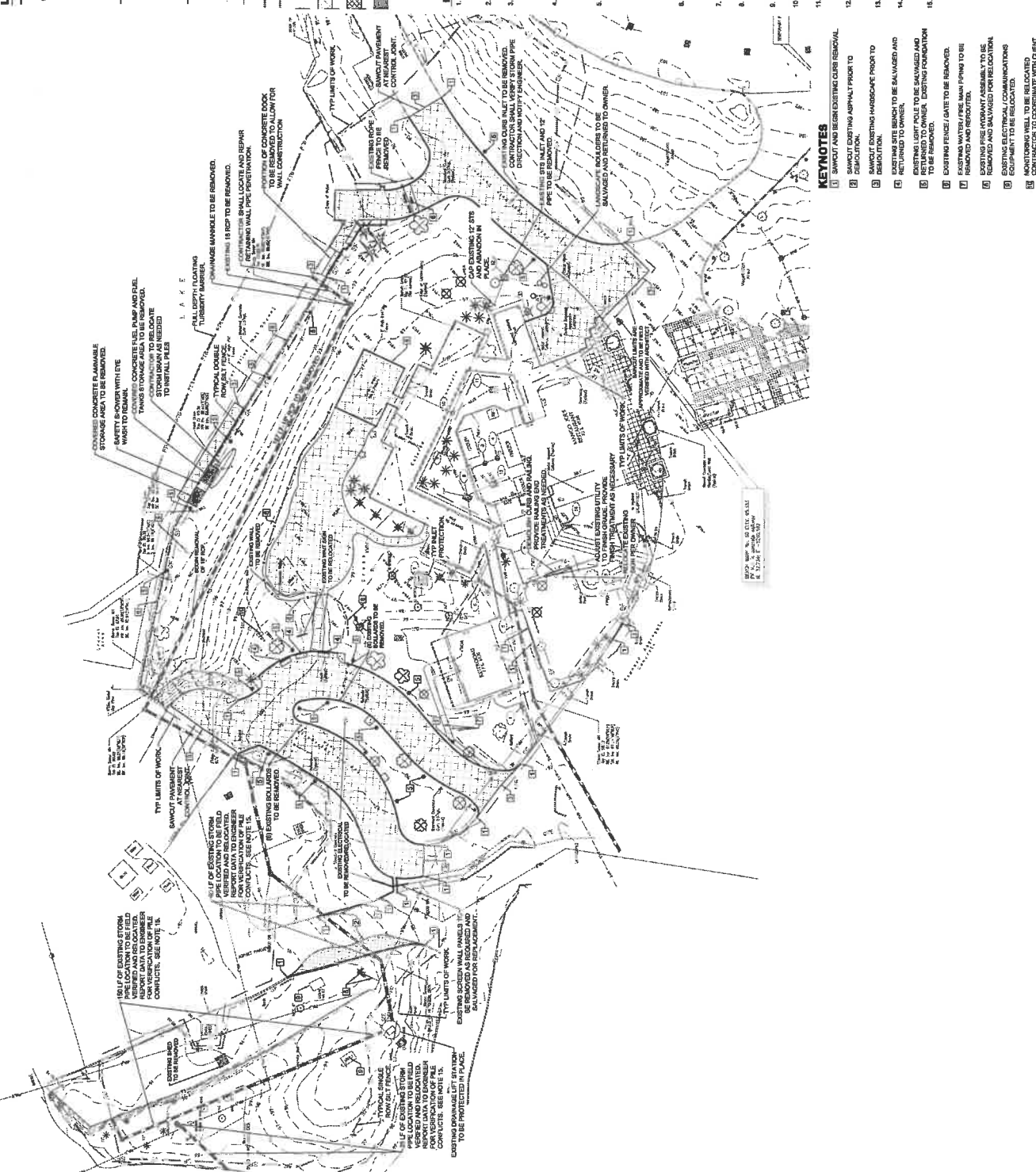
CORPORATE OFFICE: 4030 W. BOY SCOUT BLVD
TAMPA, FL 33607
P: (813) 252-9197
FAX: (813) 252-9197
www.atkinsglobal.com

LOCAL OFFICE: 482 SOUTH KELLER RD
ORLANDO, FL 32810
P: (407) 806-4500
FAX: (407) 806-4500

ISSUED FOR BID

MARCH 4, 2019

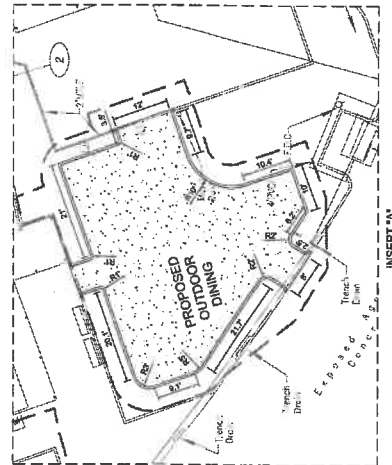
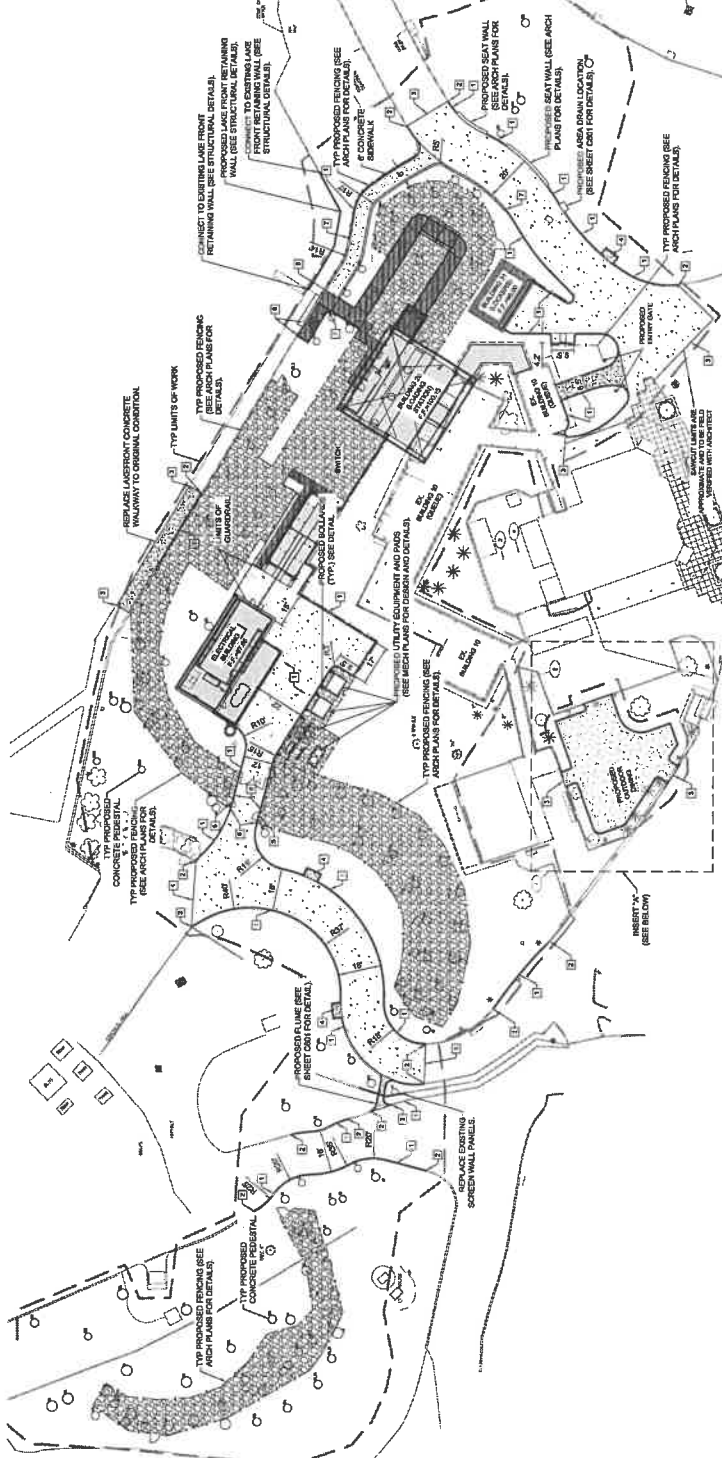
Atkins North America, Inc. is an Equal Opportunity Employer. Minorities and women are encouraged to apply. The information on this drawing is preliminary and subject to change without notice. The information on this drawing is preliminary and subject to change without notice. The information on this drawing is preliminary and subject to change without notice.



- LEGEND**
- LIMITS OF WORK
 - - - - - PROPOSED CONSTRUCTION
 - EXISTING TO REMAIN
 - ▨ PROPOSED MASONRY (SEE ARCH PLANS FOR MATERIAL, FINISH AND COLOR)
 - ▩ PROPOSED CONCRETE (4" THICK, 3000 PSI)
 - ▧ PROPOSED CONCRETE (4" THICK, 3000 PSI)
 - ▦ PROPOSED CONCRETE (4" THICK, 3000 PSI)
 - PROPOSED BULLHEAD
 - PROPOSED PERIMETER FINISHED GRADE

- KEYNOTES**
- 1 CONCRETE VERTICAL CURB, MATCH EXISTING AND EXTEND 12" BELOW GRADE.
 - 2 MATCH AND CONNECT TO EXISTING CURB.
 - 3 MATCH EXISTING MASONRY (SEE ARCH PLANS FOR COLOR, FINISH AND SETTING).
 - 4 PERIMETER VERTICAL CURB, PERIMETER VERTICAL CURB, LENGTH OF CURB TO MATCH GATE WIDTH.
 - 5 CONCRETE FLUSH CURB AT ACCESS LOCATIONS, LENGTH OF CURB TO MATCH GATE WIDTH.
 - 6 2" CURB TRANSITION FROM 4" HIGH TO FLUSH WITH HARDSCAPE.
 - 7 BEGIN SITE RETAINING WALL CONSTRUCTION (SEE SHEET 103 FOR DETAILS).
 - 8 CONSTRUCTION (SEE SHEET 103 FOR DETAILS).

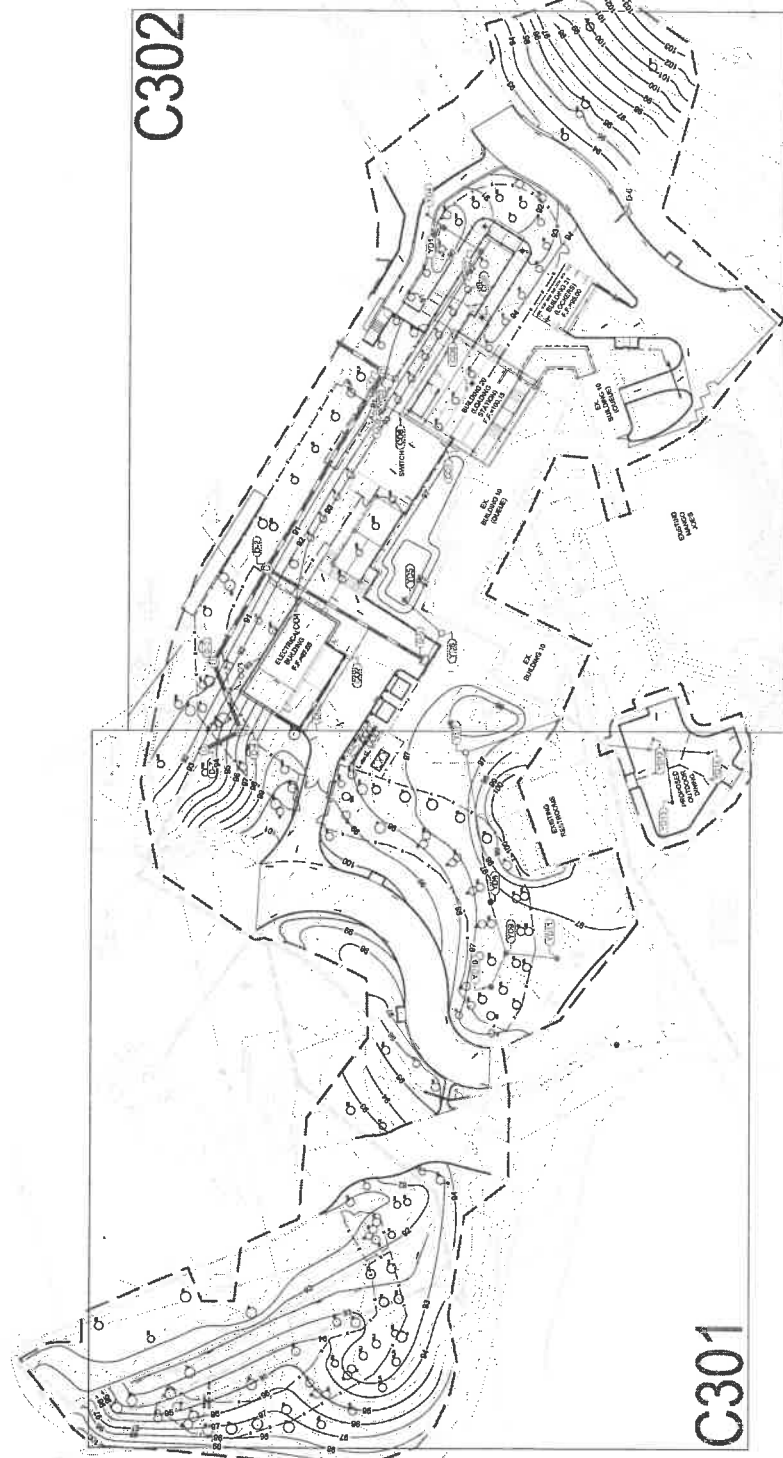
- NOTES:**
1. CONSTRUCTORS SHALL OBTAIN CAD FILE FROM ENGINEER FOR GEOMETRIC HORIZONTAL LAYOUT.



- LEGEND**
- LIMITS OF WORK
 - PROPOSED BASE STORM SEWER SYSTEM
 - PROPOSED PVC STORM SEWER SYSTEM
 - FLOW DIRECTION
 - PROPOSED GRADE BREAK
 - PROPOSED SPOT ELEVATION
 - STORM SEWER SYSTEM
 - PROPOSED CONTOUR
 - EXISTING CONTOUR
 - FINISHED ELEVATION
 - PROPOSED SHALLOW SWALE
 - PROPOSED PESH ABOVE FINISHED GRADE
 - STORMWATER WYE CONNECTION

NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS / DEPT'S AND NOTIFY BEHINDERS OF WORK AND OBTAINING MATERIALS.
2. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCY OR CONFLICT OF INFORMATION OF UNKNOWN COMPLEXES.
3. DATUM NOTE ELEVATIONS ARE BASED ON 1' CONCRETE INSTALLATION (FINANCE) ARCHITECTURAL AND STRUCTURAL. ELEVATIONS SHALL BE TO INTERIOR FINISH COORDINATION CONTRACTOR TO COORDINATE ACCORDANTLY.
4. MATCH FINAL GRADE ACCORDANTLY TO MATCH FINISHING AND CIVIL CONTRACTOR TO COORDINATE FOR LANDSCAPE CONSIDERATION FOR SOIL MULCH, WEED CONTROL, PLANTING, GRASSING, ROUGH AND FINAL GRADES.
5. FINISHED GRADE ELEVATIONS AT PEERS SHALL BE ELEVATED ABOVE THE GULLY POINT UP ELEVATION. CONTRACTOR SHALL VERIFY ELEVATION AND ITS GULLY CLEARANCE FROM BASE PLATE TO FINISHED GRADE.



- LEGEND**
- LIMITS OF WORK
 - PROPOSED 18" RCP STORM SEWER SYSTEM
 - PROPOSED 12" RCP STORM SEWER SYSTEM
 - PROPOSED 6" RCP STORM SEWER SYSTEM
 - FLOW DIRECTION
 - PROPOSED GRADE BREAK
 - PROPOSED SPOT ELEVATION
 - STORM SEWER SYSTEM
 - PROPOSED CONTOUR
 - EXISTING CONTOUR
 - FINISHED GRADE
 - PROPOSED SWALLOW
 - PROPOSED NET ABOVE FINISHED GRADE
 - STORMWATER WYE CONNECTION

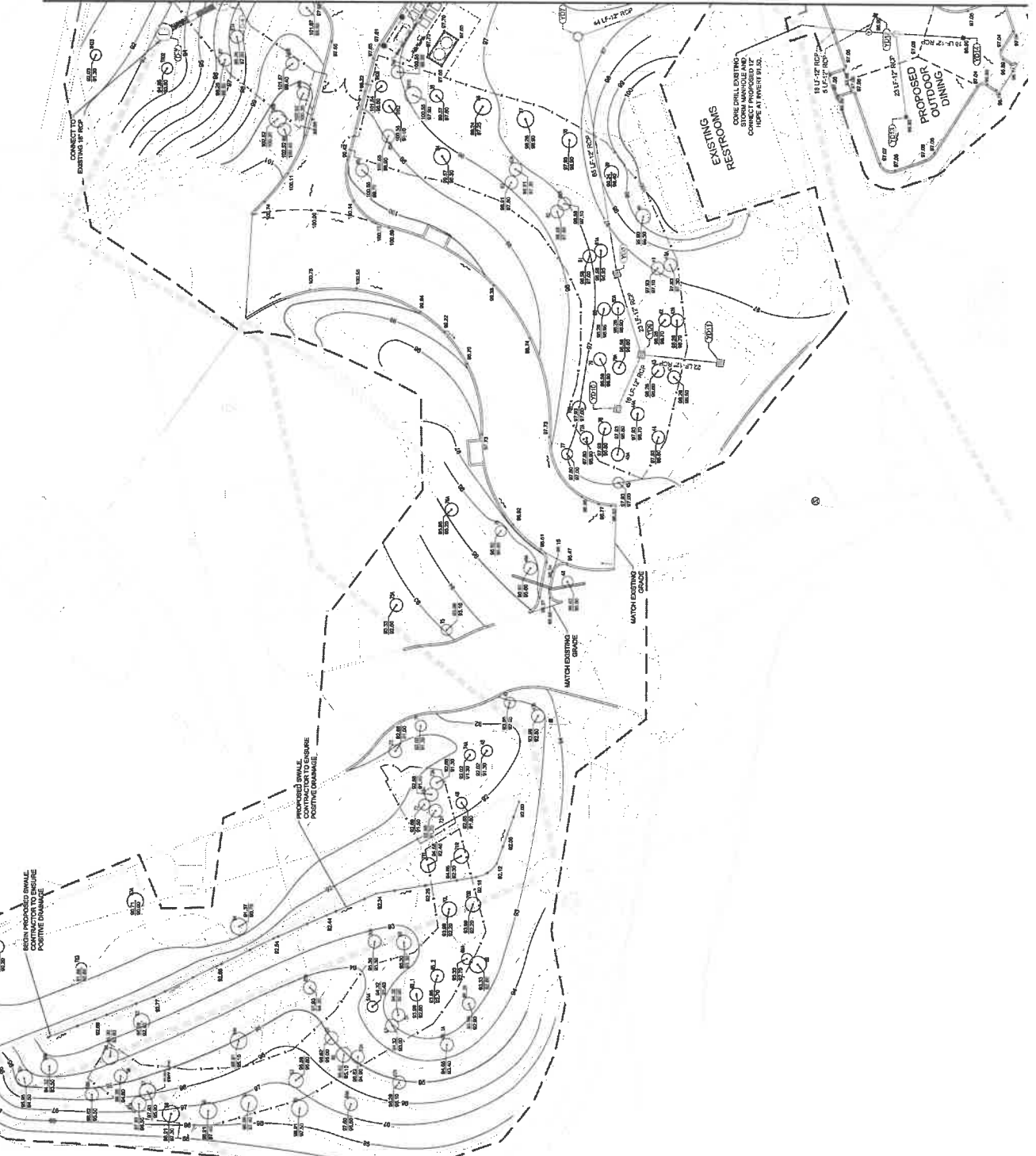
- NOTES**
1. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS, DEPTHS AND MATERIALS.
 2. CONTRACTOR SHALL NOTIFY ENGINEER AT THE BEGINNING OF WORK AND ORDERING MATERIALS.
 3. DATA NOTE: ELEVATIONS ARE BASED ON 100.00.
 4. CIVIL WORK (GRADING, PAVING, CONCRETE INSTALLATION, FINISHES, ARCHITECTURAL AND STRUCTURAL, ETC.) SHALL BE THE RESPONSIBILITY OF THE ARCHITECTURAL CONTRACTOR TO COORDINATE WITH THE CIVIL CONTRACTOR TO VERIFY ALL FINISHED GRADES TO MATCH FINAL GRADES ACCORDING TO THE ARCHITECTURAL DRAWINGS.
 5. CONTRACTOR TO COORDINATE WITH ARCHITECT FOR LANDSCAPE CONSIDERATION FOR PLANTING, VEGETATION, AND FINISHED GRADES.
 6. FINISHED GRADE ELEVATIONS AT PERS ARE TO BE VERIFIED BY THE ARCHITECT PRIOR TO PERMITS. CONTRACTOR SHALL VERIFY ALL FINISHED GRADES SHALL VARY ACCORDS PER DIMETER. CONTRACTOR SHALL VERIFY ALL FINISHED GRADES SHALL VARY ACCORDS PER DIMETER. CONTRACTOR SHALL VERIFY ALL FINISHED GRADES SHALL VARY ACCORDS PER DIMETER.

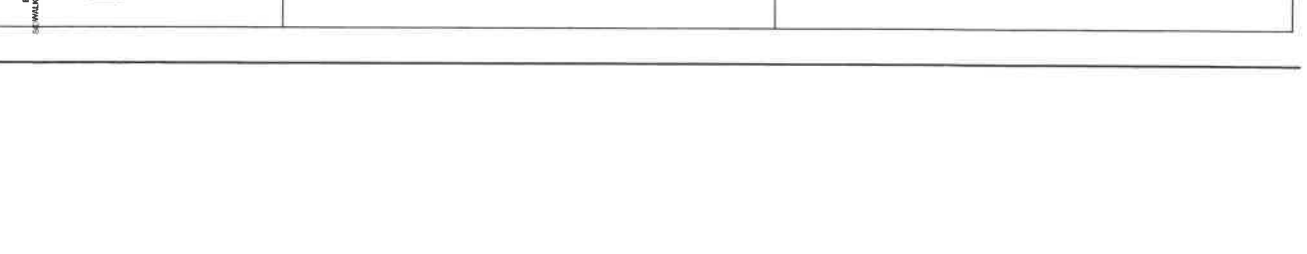
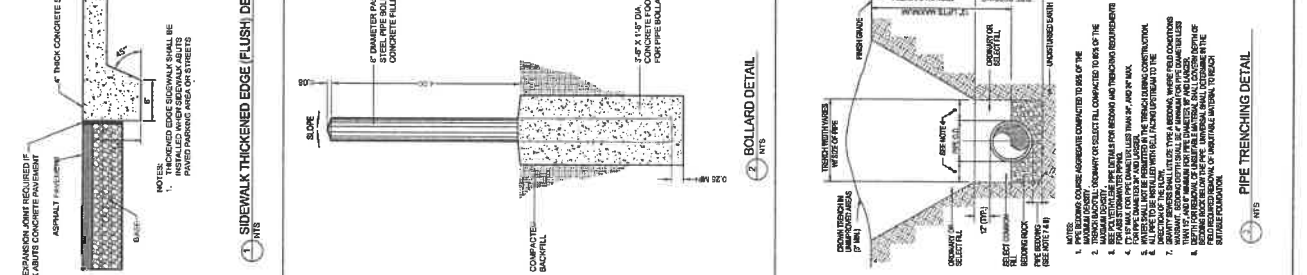
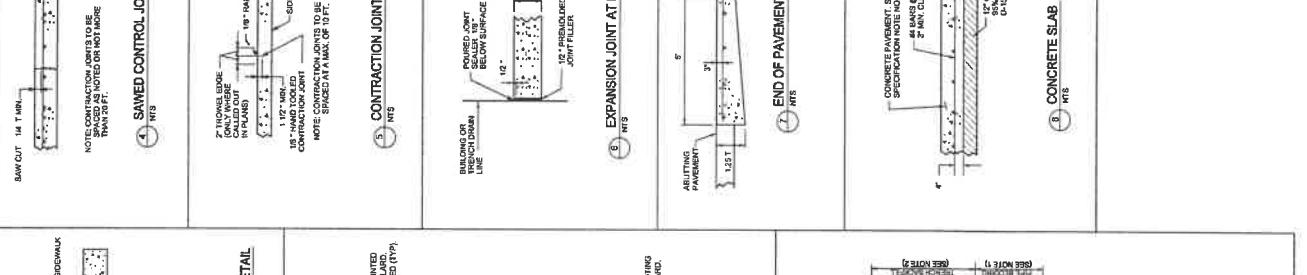
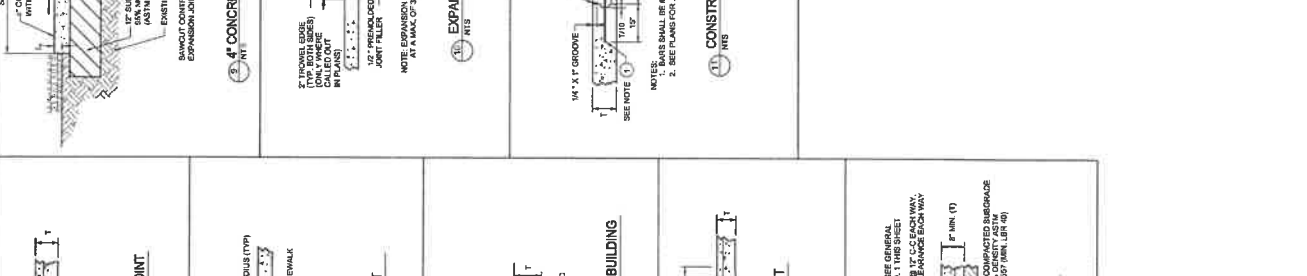
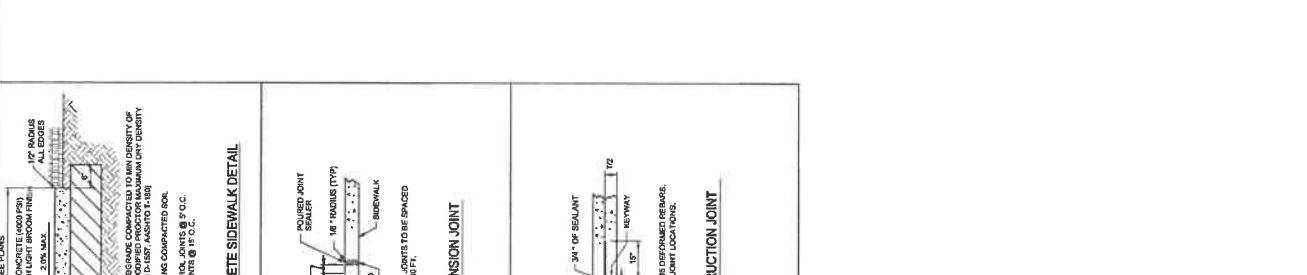
STORM SEWER STRUCTURE TABLE

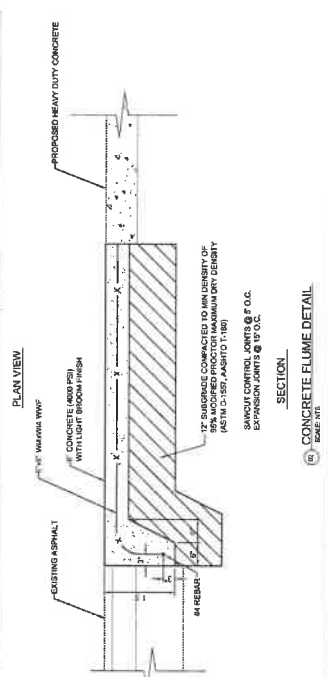
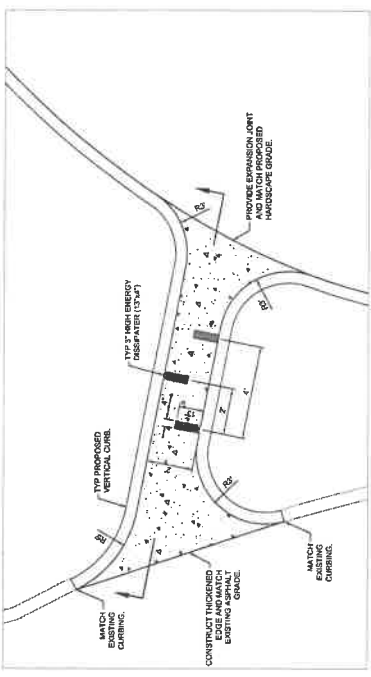
NO.	DESCRIPTION	DIAMETER	DEPTH	LENGTH	START DATE	END DATE
1	18" RCP	18"	4'-0"	100'-0"	08/11/2011	08/11/2011
2	12" RCP	12"	4'-0"	100'-0"	08/11/2011	08/11/2011
3	6" RCP	6"	4'-0"	100'-0"	08/11/2011	08/11/2011

STORM SEWER STRUCTURE TABLE

NO.	DESCRIPTION	DIAMETER	DEPTH	LENGTH	START DATE	END DATE
4	18" RCP	18"	4'-0"	100'-0"	08/11/2011	08/11/2011
5	12" RCP	12"	4'-0"	100'-0"	08/11/2011	08/11/2011
6	6" RCP	6"	4'-0"	100'-0"	08/11/2011	08/11/2011



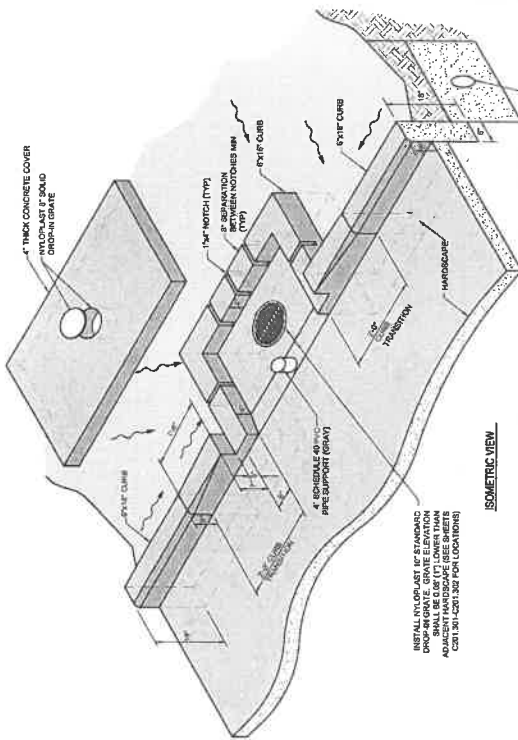




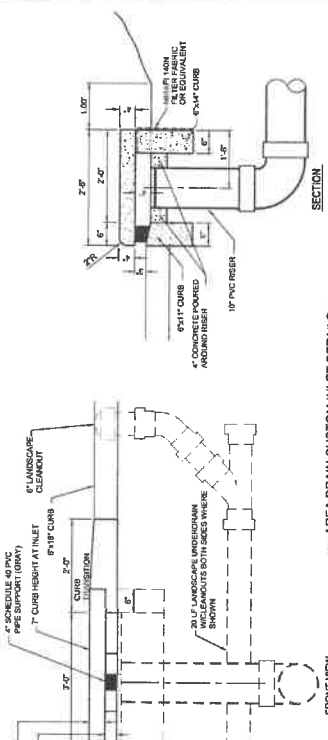
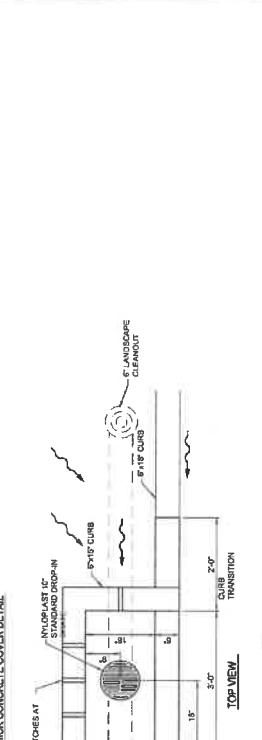
SECTION
CONCRETE FLUME DETAIL
 SCALE: 1/8" = 1'-0"

18-0613	18-0219	Blank for B18
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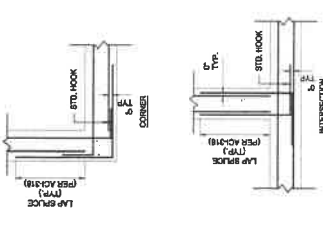
18-0613	18-0219	Blank for B18
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ISOMETRIC VIEW

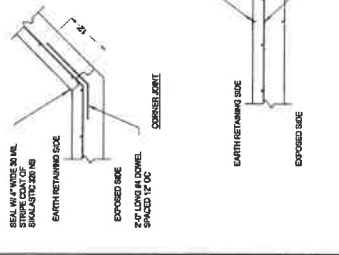


SECTION
AREA DRAIN CUSTOM INLET DETAILS
 SCALE: 1/8" = 1'-0"

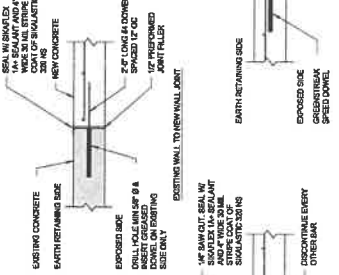


NOTE: MATCHING CORNER BARS FOR ALL CORNERS OF ALL FOOTINGS, THICKEND BARS AND THICKEND REINFORCEMENT MUST BE PROVIDED THROUGHOUT REINFORCEMENT UNLESS NOTED OTHERWISE.

1 TYPICAL CORNER REINFORCEMENT
SCALE: 1/4" = 1'-0"



2 CONCRETE WALL JOINTS
SCALE: 1/4" = 1'-0"

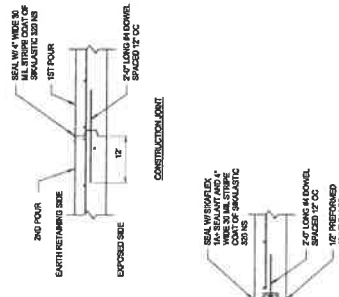


3 CANTILEVERED RETAINING WALL & SCHEDULE
SCALE: 1/4" = 1'-0"

CANTILEVERED RETAINING WALLS

WALL TYPE	MIN. WALL THICKNESS (INCHES)	MIN. WALL HEIGHT (FEET)	MIN. WALL LENGTH (FEET)	MIN. WALL WEIGHT (KIP)	MIN. WALL AREA (SQ. FT.)	MIN. WALL PERIMETER (FEET)	MIN. WALL VOLUME (CU. YD.)	MIN. WALL COST (\$/CU. YD.)	MIN. WALL WEIGHT (KIP)	MIN. WALL AREA (SQ. FT.)	MIN. WALL PERIMETER (FEET)	MIN. WALL VOLUME (CU. YD.)	MIN. WALL COST (\$/CU. YD.)
1	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
2	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
3	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
4	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
5	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
6	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
7	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
8	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
9	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5
10	12"	4'	10'	1.5	12	40	1.5	1.5	1.5	12	40	1.5	1.5

4 TENSION LAP SPLICE LENGTHS
SCALE: 1/4" = 1'-0"



5 RECOMMENDED END HOOK
SCALE: 1/4" = 1'-0"

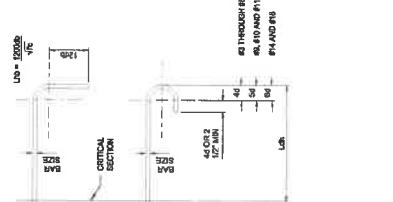
RECOMMENDED END HOOK

BAR SIZE	150' HOOKS	100' HOOKS	50' HOOKS
#3	2'-10"	2'-0"	1'-6"
#4	3'-0"	2'-6"	1'-6"
#5	3'-6"	3'-0"	1'-6"
#6	4'-0"	3'-6"	1'-6"
#7	4'-6"	4'-0"	1'-6"
#8	5'-0"	4'-6"	1'-6"
#9	5'-6"	5'-0"	1'-6"
#10	6'-0"	5'-6"	1'-6"
#11	6'-6"	6'-0"	1'-6"
#12	7'-0"	6'-6"	1'-6"
#13	7'-6"	7'-0"	1'-6"
#14	8'-0"	7'-6"	1'-6"
#15	8'-6"	8'-0"	1'-6"
#16	9'-0"	8'-6"	1'-6"
#17	9'-6"	9'-0"	1'-6"
#18	10'-0"	9'-6"	1'-6"
#19	10'-6"	10'-0"	1'-6"
#20	11'-0"	10'-6"	1'-6"
#21	11'-6"	11'-0"	1'-6"
#22	12'-0"	11'-6"	1'-6"
#23	12'-6"	12'-0"	1'-6"
#24	13'-0"	12'-6"	1'-6"
#25	13'-6"	13'-0"	1'-6"
#26	14'-0"	13'-6"	1'-6"
#27	14'-6"	14'-0"	1'-6"
#28	15'-0"	14'-6"	1'-6"
#29	15'-6"	15'-0"	1'-6"
#30	16'-0"	15'-6"	1'-6"

6 DEVELOPMENT L_{db} OF STANDARD HOOKS
SCALE: 1/4" = 1'-0"

DEVELOPMENT L_{db} OF STANDARD HOOKS

BAR SIZE	f _c = 3,000 PSI	f _c = 4,000 PSI	f _c = 5,000 PSI
#3	6	7	7
#4	6	7	7
#5	6	7	7
#6	6	7	7
#7	6	7	7
#8	6	7	7
#9	6	7	7
#10	6	7	7
#11	6	7	7
#12	6	7	7
#13	6	7	7
#14	6	7	7
#15	6	7	7
#16	6	7	7
#17	6	7	7
#18	6	7	7
#19	6	7	7
#20	6	7	7
#21	6	7	7
#22	6	7	7
#23	6	7	7
#24	6	7	7
#25	6	7	7
#26	6	7	7
#27	6	7	7
#28	6	7	7
#29	6	7	7
#30	6	7	7



NOTE: 1. UNLAPSPICED CORNER BARS FOR ALL CORNERS OF ALL FOOTINGS, THICKEND BARS AND THICKEND REINFORCEMENT MUST BE PROVIDED THROUGHOUT REINFORCEMENT UNLESS NOTED OTHERWISE.

SECTION VII

SECTION A

Customer Call Log - Valencia Water Control District								
Date	Name	Subdivision	Address	Phone	Issue	Pond/Canal Name	Resolution	Date Resolved
3/8/19	Vanessa Hernandez	Windsor Walk	n/a - Property Manager	561-420-298	Requested all three ponds to be treated for algae	Windsor Walk Ponds	Mr. Flint contacted aquatic manager to treat pond. Treatment administered 3/11/19. District's Engineer reviewed ponds and reported findings to Board at 3/12/19 meeting.	3/12/19
4/1/19	Kelly Martin	Greenbriar	10139 Blazed Tree Court	407-927-074	Reported nuisance alligator	Briarwood Townhomes Pond	Ms. Martin provided FWC Case # and Ms. Vanderbilt authorized trapper to go out and capture gator.	4/2/19