



City of Dania Beach, Florida
 Department of Community Development
 Planning and Zoning Division
 (954) 924-6805 X3643
 (954) 922-2687 Fax

Standard Development Application

- Administrative Variance
- Land Use Amendment
- Plat
- Rezoning
- Site Plan
- Special Exception
- Variance
- Other: _____

Date Rec'd: _____

Petition No.: SP-08-13

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY DOCUMENTS. Refer to the application type at the top of this form and "Required Documentation" checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 4980 SW 40th Avenue, Dania Beach FL 33314

Lot(s): Parcel A Block: _____ Subdivision: Broward County Utilities Plant No. 3A Site PB 114 P 35

Recorded Plat Name: Broward County Utilities Plant No. 3a Site

Folio Number(s): 504231110010 Legal Description: Broward County Utilities Plant No. 3A Site 114-35 B Parcel A

Applicant (Consultant) Legal Representative (**circle one**) Michael Vonder Meulen/Keith & Associates Inc.

Address of Applicant: 301 East Atlantic Blvd. Pompano Beach, FL 33060

Business Telephone: 954-788-3400 Home: _____ Fax: 954-788-3500

E-mail address: Mvondermeulen@keith-associates.com

Name of Property Owner: Broward County Board of County Commissioners

Address of Property Owner: 115 S Andrews Ave Rm 421, Fort Lauderdale FL, 33301

Business Telephone: 954-357-7000 Home: _____ Fax: 954-357-7295

Explanation of Request: Site Plan for new Water Tank and associated facilities
 For **Plats** please provide proposed **Plat Name** for **Variations** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.** See Attached Justification Letter

Prop. Net Acreage: 4.75 AC Gross Acreage: 4.90 AC Prop. Square Footage: 11,625 (new tank only)

Existing Use: Water Plant/Utilities Proposed Use: Water Plant/Utilities

Is property owned individually, by a corporation, association, or a joint venture? Yes. Broward County Board of County Commissioners

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Keith & Associates Inc. (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

By: [Signature]
(Owner / Agent signature*)

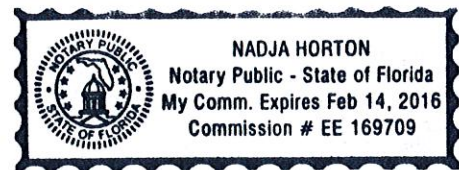
BEFORE ME THIS 19 DAY OF December, 2014

By:

Gregory M. Balicki
(Print name of person acknowledging)

(Joint owner signature if applicable)

Notary [Signature]
(Signature of Notary Public – State of Florida)



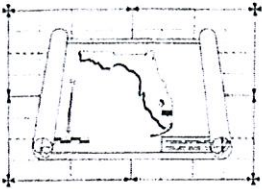
Personally known or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.



BROWARD COUNTY PLANNING COUNCIL

115 South Andrews Avenue, Room 307 • Fort Lauderdale, Florida 33301 • Phone: 954.357.6695

June 26, 2013

Richard D. Cannone, AICP, Planning Administrator
Broward County Planning and Redevelopment Division
115 South Andrews Avenue, Room 329K
Fort Lauderdale, Florida 33301

Dear Mr. ^{Richard}Cannone:

Re: Platting requirements for a parcel legally described as Parcel A, "Broward County Utilities Plant No. 3a Site," according to the Plat thereof, as recorded in Plat Book 114, Page 35, of the Public Records of Broward County, Florida. This parcel is generally located on the east side of Southwest 40 Avenue, south of Griffin Road, in the City of Dania Beach.

This letter is in response to your correspondence regarding the Broward County Land Use Plan's platting requirements for a proposed non-residential development on the above referenced parcel.

Planning Council staff has determined that replatting is not required by Section D.2, Chapter IV, of the Broward County Land Use Plan. Section D.2. would not require replatting of parcels included in plats approved by the Broward County Commission and recorded after June 4, 1953. Information from the Broward County Records, Taxes and Treasury Division indicates that the above referenced plat was recorded on November 19, 1982.

It is recommended that you contact Broward County's Development Management and Environmental Review Section at 954-357-6637, to inquire about whether additional County review, such as a plat note modification, may be required. Further, some jurisdictions may be more restrictive and require platting in more situations than the Broward County Land Use Plan. The City of Dania Beach's platting requirements should be investigated.

The contents of this letter are not a judgment as to whether this development proposal complies with the Broward County Trafficways Plan, permitted uses and densities, local zoning, the land development regulations of the municipality or the development review requirements of the Broward County Land Use Plan, including concurrency requirements.

If you have any additional questions regarding the Broward County Land Use Plan's platting requirements, please contact Dawn Teetsel, Associate Planner, at your convenience.

Respectfully,

Barbara Blake Boy
Executive Director

BBB:DBT

cc: Robert Baldwin, City Manager
City of Dania Beach

Marc LaFerrier, AICP, Director, Community Development Department
City of Dania Beach



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76193

Aeronautical Study No.
2013-ASO-11230-OE

Issued Date: 02/10/2014

Mark Gabriel
Broward Co Water&Wastewater
2555 W. Copans Rd
Pompano Beach, FL 33069

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Water Tank 3A Ground Storage Tank
Location:	Dania Beach, FL
Latitude:	26-03-36.42N NAD 83
Longitude:	80-11-59.65W
Heights:	5 feet site elevation (SE)
	49 feet above ground level (AGL)
	54 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 08/10/2015 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

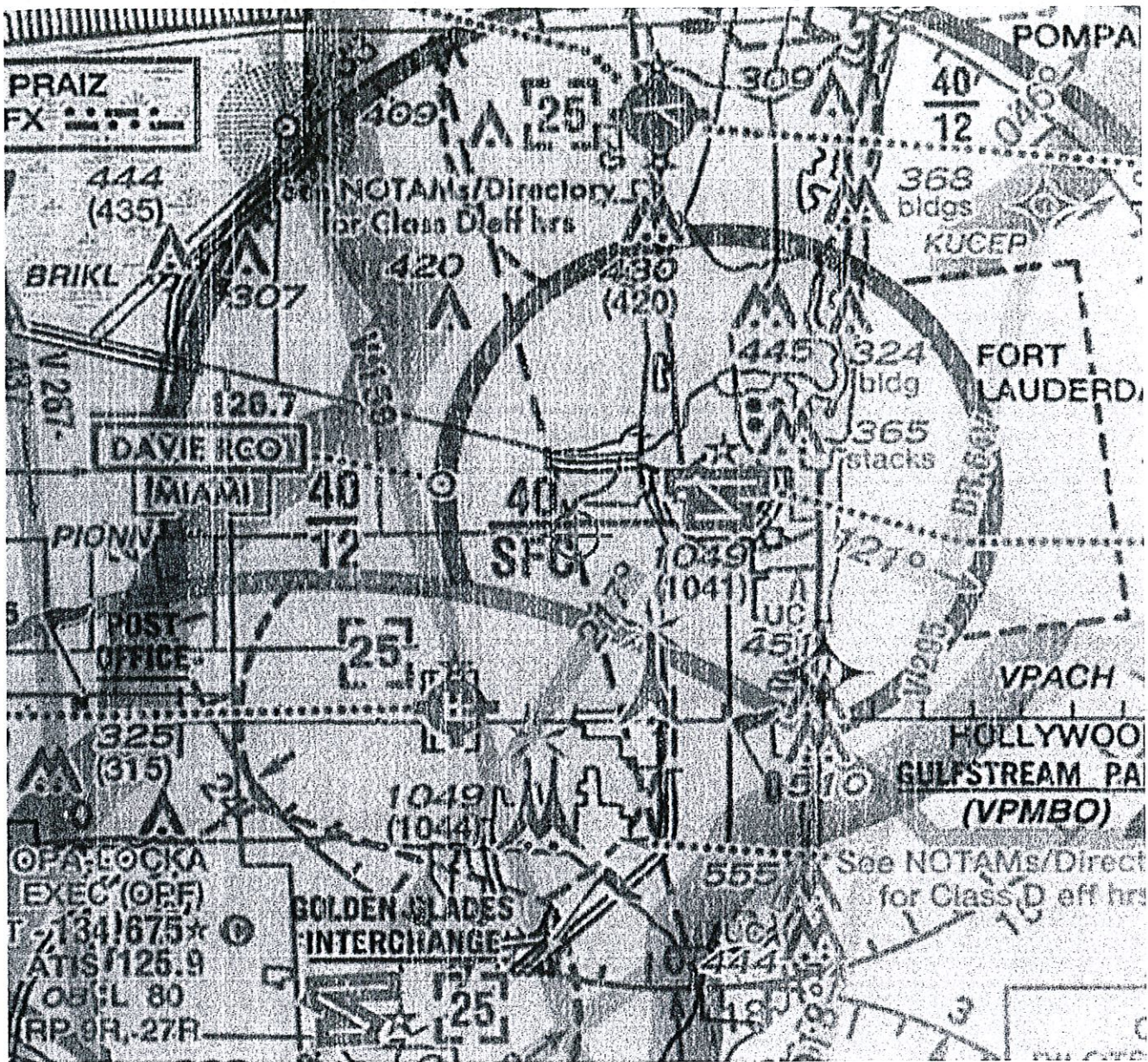
If we can be of further assistance, please contact our office at (817) 321-7754. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-11230-OE.

Signature Control No: 203231931-207740475

(DNE)

Karl Trautmann
Specialist

Attachment(s)
Map(s)





AVIATION DEPARTMENT - Fort Lauderdale/Hollywood International Airport
2200 SW 45th Street, Suite 101 • Dania Beach, Florida 33312 • 954-359-6100

October 10, 2013
Revised October 14, 2013

Mark A. Gabriel, PE
Water and Wastewater Services Engineering Division
2555 W. Copans Rd.,
Pompano Beach, FL 33069

RE: Proposed 2.5 MG Potable Water Storage Tank, Dania Beach, FL, BCAD Review

Dear Mr. Gabriel:

The Broward County Aviation Department (BCAD) has reviewed the proposed 2.5 MG potable water storage tank, located at 4980 SW 40th Avenue, west of Fort Lauderdale-Hollywood International Airport (FLL). Since the proposed project is within 20,000 feet of FLL, its development and operation is subject to Federal Aviation Regulation (FAR) Part 77, and Chapter 333 Florida Statutes and the Broward County Land Development Code. These standards seek to ensure that any proposed construction, use of high lift equipment, such as cranes, or other potential hazards will not negatively impact the safe and efficient use of the airport and surrounding airspace. Taking into consideration the proximity of this project to FLL, BCAD is providing the following comments regarding the proposed development:

- Based on the location of the proposed project, FAR Part 77, Subpart B and Section 5-182(n)(2) of the Broward County Land Development Code, require the applicant to obtain a "Determination of No Hazard to Air Navigation" from the Federal Aviation Administration (FAA). The receipt of a favorable determination is required for all critical building points and temporary construction cranes and must be received prior to any construction activity. The following web address can be used to initiate the Federal Review (FAA 7460-1) process: <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>.
- Following the receipt of a favorable FAA determination, the applicant may also need to obtain "airspace obstruction permits" from the Florida Department of Transportation (FDOT). This documentation is necessary to determine if the project will adversely affect public health or safety. If required, these permits must be obtained prior to the commencement of any construction. The following web address can be used to acquire additional information pertaining to the FAA and FDOT airspace obstruction review and permitting process: <http://www.dot.state.fl.us/aviation/obstructions.shtml>.
- No building, structure or vegetation on the site may exceed fifty five (55) feet above Mean Sea Level (MSL) based on North American Vertical Datum 1988 (NAVD '88), as shown on the preliminary site location map, unless submitted to BCAD for additional review. At this location, a structure exceeding this height could impact critical airspace surfaces, some of which are not monitored by the FAA or FDOT, but are of critical safety importance to operations at FLL.

This review by BCAD is based on the Mechanical Site Plan M-1, prepared by Broward County Water & Wastewater Services Engineering Division. If the proposed plans are revised substantially from those submitted for this review, BCAD requests that the revised development plans be submitted for an additional review.

Page 2
October 10, 2013
Revised October 14, 2013
Mark A. Gabriel, PE

Please do not hesitate to contact me at 954.359.6258 if you have questions or require additional information.

Sincerely,



Scarlet R. Hammons, AICP
Principal Planner

cc:
Michael P. Pacitto, Acting Director of Airport Planning

Guidelines for the Physical Security of Water Utilities

ANSI/ASCE/EWRI 56-10

Guidelines for the Physical Security of Wastewater/ Stormwater Utilities

ANSI/ASCE/EWRI 57-10

This document uses both the
International System of Units (SI)
and customary units



ENVIRONMENTAL &
WATER RESOURCES
INSTITUTE

Copyright ASCE. For personal use only; all rights reserved. 09/03/14

Copyright by DAVID O'CONNOR of

American Society of Civil Engineers

**Guidelines for the
Physical Security of
Water Utilities**

ANSI/ASCE/EWRI 56-10

**Guidelines for the
Physical Security
of Wastewater/
Stormwater Utilities**

ANSI/ASCE/EWRI 57-10

This document uses both the International System of Units (SI)
and customary units.



Published by the American Society of Civil Engineers

quality motor overload protection with manual reset. Gate operators and other electrical appurtenances should be positioned within the fenced perimeter to avoid vandalism and tampering.

Recommended gate travel speed is a minimum 1 ft (0.3 m) per sec. A speed-adjusting feature that provides a range of appropriate speeds for slide gate operation is recommended.

Provide positive limit switches that sense the position of the gate and provide control to prevent damage to the gate operator.

Provide a manual operation feature or disconnect for operation during power failure, malfunction, or emergency. The manual gate operator should be secured inside a locked weather-resistant cabinet, with an attached key box as required. Gate operators should be located so they cannot be reached or tampered with from outside the fence. A variety of types of manual and automatic gate operators, from simple push-button-type operators to complex electronic operating systems, as well as associated hardware and safety devices, are available from gate manufacturers. Gate storage, housing for operators, and site-specific operating systems, warning devices, or signage should also be considered to ensure safe operation when authorized.

Component parts of the gate operator, including attachments, should be constructed with materials or plated, coated, or finished as necessary to provide reliable service in an all-weather environment.

A.2.3 Electronic Gate Control System. A push-button or card-reading sensor in a weatherproof enclosure should be mounted on a steel tube post or concrete bollard anchored to a concrete foundation outside the gate as required.

Consider providing loop, beam, or other vehicle detectors a minimum of 4 ft (1.2 m) away from each side of the gate for safety.

A communication interface should enable remote monitoring of the gate position from a central location, such as a central security office. The suggested operation sequence is:

1. *Entry:* The gate opens when activated by a valid card presented to a card-reading sensor. The gate closes after a sensing loop/sensing beam has determined that the vehicle has passed through the gate.
2. *Exit:* The gate opens when activated by a detector loop in the pavement or a push button inside the gate. The gate closes as for entry.

Other options for automated gate access control systems include radio-controlled, remote-operated (from a control room or operations center), guard-operated, key-switched, and others. Each type will have specific features to consider with respect to the overall access control system.

A.3.0 SITE AREAS

A.3.1 Clear Zones. The purpose of a clear zone is for intrusion detection surveillance and assessment using visual observation or cameras, and to provide an unobstructed area in which placed devices can be readily observed or detected. Clear zone regions are typically established:

- On both sides of a perimeter security fence to allow unobstructed surveillance of the fence area
- Between a perimeter fence and structures, buildings, or other critical assets enclosed within the fence to maintain a clear area for detection of intruders or placed devices
- Around the perimeter of a building to prevent areas of concealment of intruders or placed devices.

For additional information regarding clear zones, see *Minimum Antiterrorism Standards for Buildings, Unified Facilities Criteria (UFC) 4-010-01* (DoD 2002).

Effective clear zone distances should be in accordance with the DBT, but a suggested minimum distance is 20 ft (6 m) or more between the outer perimeter fence and interior structures per *UFC 4-010-01* (DoD 2002).

Within the clear zone, prune or trim vegetation to a height of 4 in. (100 mm) or less, and remove large obstacles or rocks that can shield intruders from view. Avoid locating equipment within clear zones or in spaces below which devices can be readily concealed.

A.3.2 Site Utilities. Wherever possible, incoming site utilities need to be protected from accidental or deliberate damage that might affect operations. It is recommended that the core site utility connections entering the site and facility be hardened. Hardening techniques may include burying, protecting within conduit, security cages, or grilles, or by adding redundant service feeds. The following utilities should be examined and protected to the extent possible:

- Electrical power
- Natural gas
- Incoming water
- Wastewater
- Fire water main(s)
- Communications (phone, data, etc.)

Exposed pipelines should be protected, where possible, using fence barriers to limit access. Alternatively, exposed pipelines could be run within carrier pipes to enable double-wall protection.

Redundant utility connection sources should be provided if available. Dual electrical systems that feed off separate circuits, or incoming water supplies from different source mains, should be utilized where available.

Electrical lines should be placed underground where applicable.

A.4.0 FACILITY ENTRANCES

A.4.1 Sallyport Entrances. A sallyport is a combination of electrically operated gates or portals that are interlocked to prevent more than one gate from opening at a time. The sallyport provides a means for secured, controlled entry through the fence perimeter of the facility. Entry processing, paperwork review, and driver/load identification or verification occur within the sallyport. Sallyports may also be used to enable searching the interior and undercarriage of vehicles for explosives.

Typical vehicle sallyport dimensions are in the range of 75 ft (23 m) long by 20 ft (6 m) wide, and should be sized to accommodate the largest delivery vehicle. The sallyport should be enclosed by fenced sides of height, construction, and configuration consistent with the site perimeter fencing. Vehicle gates should be consistent with the gate guidelines provided in Section A.2.0, Gates, of this Appendix.

Sallyport gates should be equipped with an interlocking system to ensure that the inner and outer gates are not capable of being opened at the same time. However, a keyed manual override switch should be provided that allows the gates to be opened simultaneously. This override switch must be protected and covered such that the possibility of accidental operation is eliminated.

Gate controls should be located in an area such that the person operating the controls maintains a constant visual observation of

1 - 9 - 63

Exhibit B

1963 Aerial

Water
Treatment
Plant

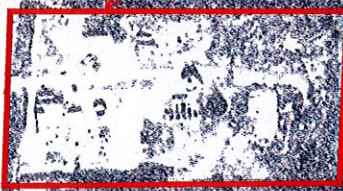



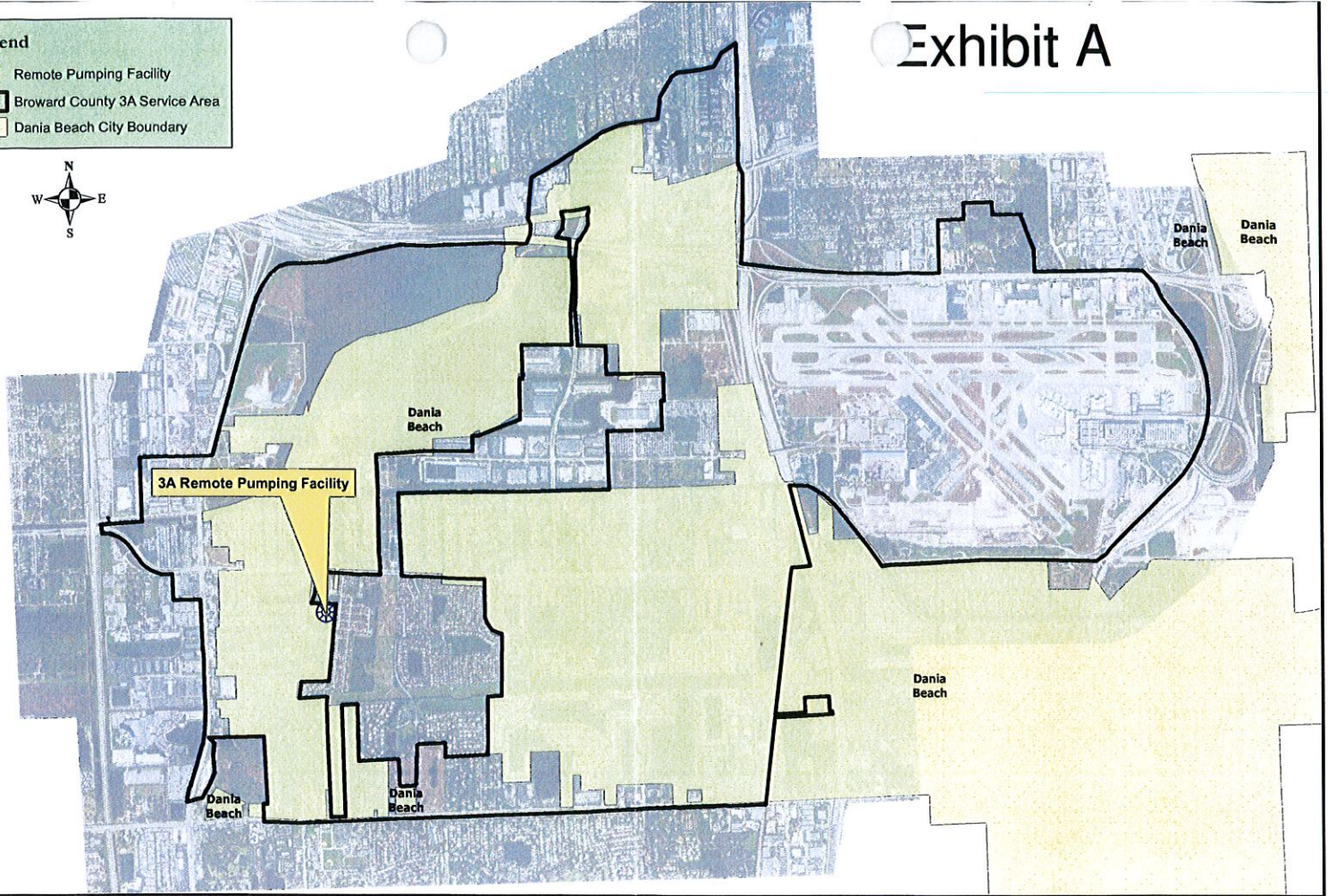


Exhibit A

Legend

-  Remote Pumping Facility
-  Broward County 3A Service Area
-  Dania Beach City Boundary



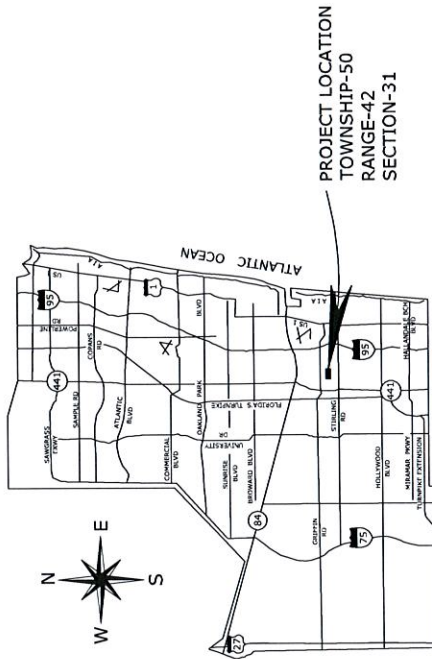




Public Works Department Water & Wastewater Services

2.5 MG POTABLE WATER STORAGE TANK DISTRICT 3A W.T.P.

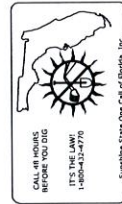
CITY OF DANIA BEACH
SITE PLAN APPROVAL SUBMITTAL



GENERAL LOCATION MAP

DRAWING INDEX

1. COVER SHEET
2. BOUNDARY SURVEY, Pg.1
3. BOUNDARY SURVEY, Pg.2
4. PLOT
5. LOCATION SKETCH AND ADJACENT LAND USES
6. DEMOLITION PLAN AND TREE SURVEY, Pg.1
7. DEMOLITION PLAN AND TREE SURVEY, Pg.2
8. SITE PLAN, Pg.1
9. SITE PLAN, Pg.2
10. ELEVATIONS AND DETAILS
11. PAVING AND GRADING PLAN, Pg.1
12. PHOTOMETRIC PLAN, Pg.1
13. PHOTOMETRIC PLAN, Pg.2



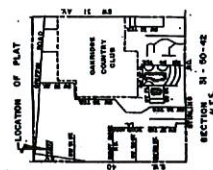
CONFIDENTIAL
Broward County-WWS Document
NOT FOR PUBLIC DISCLOSURE
In Accordance with:
FS Chapter 281.301
FS Chapter 119.071(3)(b)
FS Chapter 153

WATER & WASTEWATER SERVICES
ENGINEERING DIVISION
2555 WEST COPANS ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY UTILITIES PLANT NO. 3a SITE

12-31-71-33

11-18-72-14-92



COUNTY APPROVALS:
BROWARD COUNTY PLANNING COUNCIL
 This is to certify that the Broward County Planning Council approved this Plat with regard to dedication of rights-of-way of trafficway stopped this 31 day of August, A.D. 1981.

By: *[Signature]*
 COUNTY ENGINEERING DIVISION
 This Plat is approved and accepted for record.

BROWARD COUNTY CENTRAL SERVICES DEPARTMENT - ARCHIVES AND MINUTES
 STATE OF FLORIDA, ss. I HEREBY CERTIFY that the attached Plat complies with the provisions of an act of the Legislature of the State of Florida, approved by the Governor on the 27th day of June, A.D. 1971. This Plat was accepted for record by the Board of Commissioners of Broward County, Florida, this 22nd day of August, A.D. 1981.

Attest: *[Signature]* County Administrator
 By: *[Signature]* Deputy
 County Engineer

BROWARD COUNTY FINANCE DEPARTMENT - RECORDING DIVISION
 This instrument filed for record this 22nd day of August, A.D. 1981 and recorded in Book 114 of Plats, at page 35. Record verified.

SURVEYOR'S CERTIFICATE:
 I, HEREBY CERTIFY that the attached Plat is a true and correct representation of the lands recently surveyed, subdivided and platted under my responsible direction and supervision. I am a duly licensed Surveyor in the State of Florida under PERMANENT REFERENCE NO. 1071 and further the PERMANENT REFERENCE NO. 1071 was set in accordance with Section 177.091 of said Chapter 177, F.S. The BENCH MARKS shown on this Plat are in accordance with the Bench Mark of the United States National Geodetic Vertical Datum of 1929 and contain no third order work.

DARBY S. WAY, P.A.
 By: *[Signature]*
 Registered Land Surveyor No. 22625
 State of Florida

A PART OF A PORTION OF LOT OR TRACT 10 OF BLOCK 2 OF THE BROWARD COUNTY UTILITIES PLANT NO. 3a SITE, RANGE 42 EAST AS RECORDED IN PLAT BOOK 1, PAGE 98 OF THE PUBLIC RECORDS OF DADE COUNTY, BEING IN BROWARD COUNTY, FLORIDA.



COUNTY APPROVALS (CONT'D.)
BROWARD COUNTY OFFICE OF PLANNING
 This Plat is approved and accepted for record this 23rd day of July, A.D. 1982.

By: *[Signature]*
 COUNTY ENGINEERING DIVISION
 This Plat is approved and accepted for record.

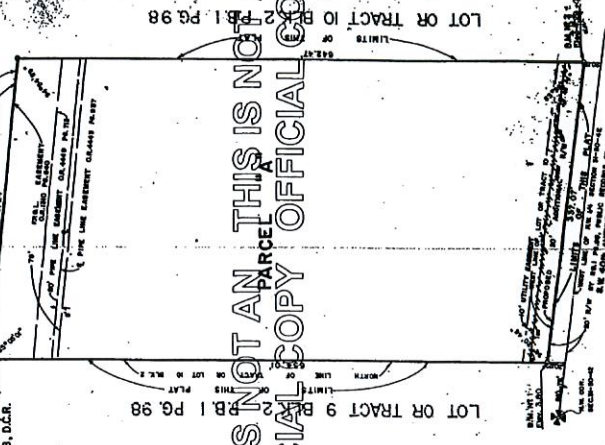
STATE OF FLORIDA
 ss. I HEREBY CERTIFY that the attached Plat complies with the provisions of an act of the Legislature of the State of Florida, approved by the Governor on the 27th day of June, A.D. 1971. This Plat was accepted for record by the Board of Commissioners of Broward County, Florida, this 22nd day of August, A.D. 1981.

Attest: *[Signature]* County Administrator
 By: *[Signature]* Deputy
 County Engineer

BROWARD COUNTY FINANCE DEPARTMENT - RECORDING DIVISION
 This instrument filed for record this 22nd day of August, A.D. 1981 and recorded in Book 114 of Plats, at page 35. Record verified.

DARBY S. WAY, P.A.
 By: *[Signature]*
 Registered Land Surveyor No. 22625
 State of Florida

LOT OR TRACT 8 BLK 2 PB. 1
 PLAT PG. 98
 I.E. OK
 BLK 2 PB. 1
 98, D.A.R.



SQUARE FOOTAGE CALCULATION
 *ADDITIONAL 1/4" 5740.8 OR 1.86 AC.
 *PARCEL "X" 201,075.8 OR 4,754 AC.
 *GROSS LAND AREA 213,816.6 OR 4,909 AC.

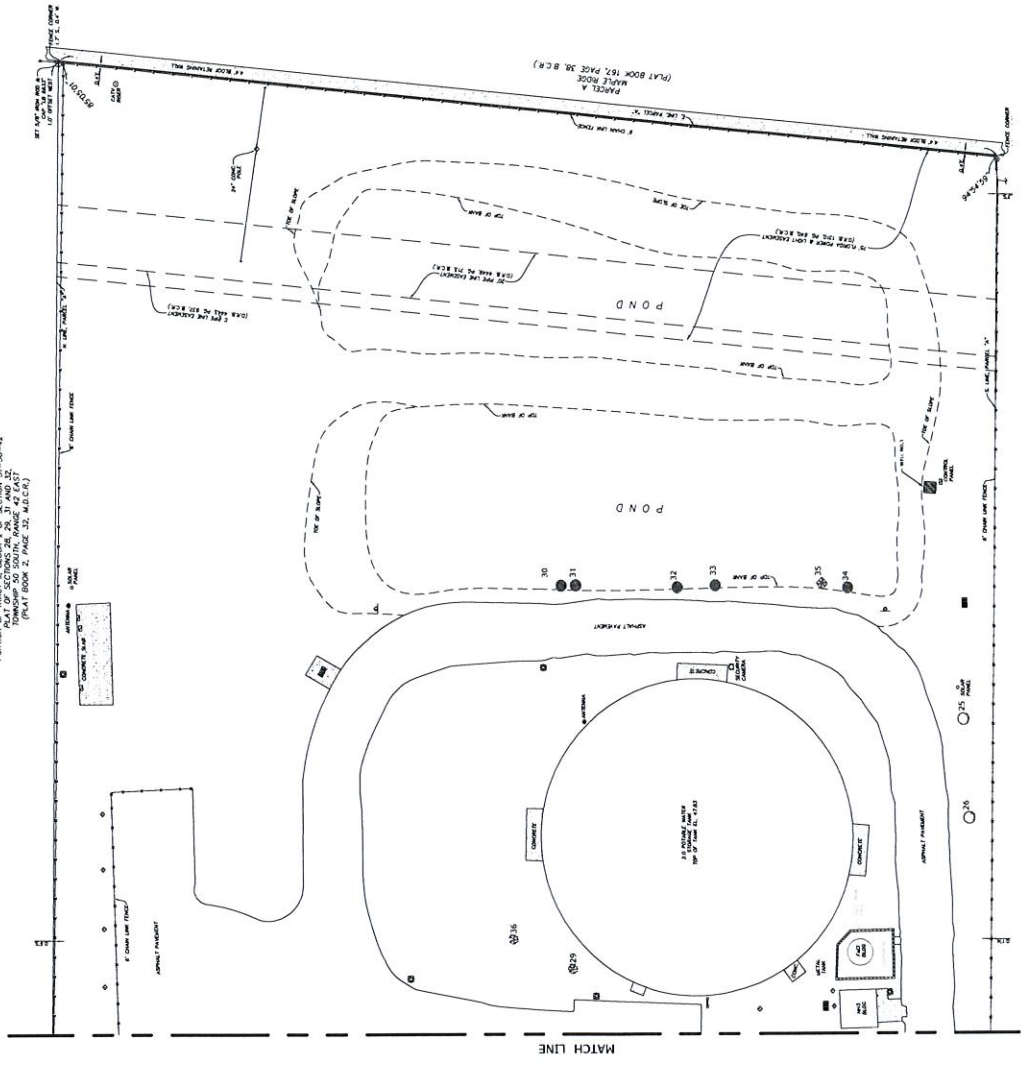
SURVEYOR'S NOTES
 *INDICATES BENCH MARK REFERENCE MONUMENT.
 *ALL ANGLES SHOWN HEREON ARE REFERENCED TO MERIDIAN OF BROWARD COUNTY UTILITIES PLANT PREPARED BY BROWARD COUNTY ENGINEERING DEPT. DATED APRIL 1977.
 *THE BENCH MARK ELEVATIONS SHOWN HEREON WERE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DEPARTMENT SURVEYING DIVISION. THE BENCH MARK REFERENCE NO. 1071 WAS SET IN ACCORDANCE WITH SECTION 177.091 OF SAID CHAPTER 177, F.S. THE BENCH MARKS SHOWN ON THIS PLAT ARE IN ACCORDANCE WITH THE BENCH MARK OF THE UNITED STATES NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND CONTAIN NO THIRD ORDER WORK.

THIS IS NOT AN OFFICIAL COPY
 THIS IS NOT AN OFFICIAL COPY
 THIS IS NOT AN OFFICIAL COPY

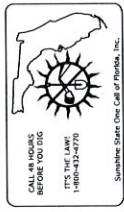




PORTION OF TRACT 8, BLOCK 2 OF SECTION 31-50-42
 TOWNSHIP 50 SOUTH, RANGE 42 EAST
 (PLAT BOOK 2, PAGE 22, A.D.C.R.)



TREE NO.	TREE TYPE	SIZE	COMMENT
1	LURIDIA PALM CLUMP	5'	
2	IMBROUNT	12"	
3	IMBROUNT	12"	
4	IMBROUNT	12"	
5	PISTON PALM	18"	
6	IMBROUNT	15"	
7	IMBROUNT	15"	
8	LURIDIA PALM CLUMP	5'	
9	LURIDIA PALM CLUMP	5'	
10	LURIDIA PALM CLUMP	5'	
11	RESCAL PAPYRUS	12"	
12	RESCAL PAPYRUS	12"	
13	RESCAL PAPYRUS	12"	
14	RESCAL PAPYRUS	12"	
15	IMBROUNT	12"	
16	IMBROUNT	12"	
17	LURIDIA PALM CLUMP	5'	
18	BLACK OLIVE	12"	TO BE REMOVED
19	BLACK OLIVE	12"	TO BE REMOVED
20	BLACK OLIVE	12"	TO BE REMOVED
21	BLACK OLIVE	12"	TO BE REMOVED
22	BLACK OLIVE	12"	TO BE REMOVED
23	BLACK OLIVE	12"	TO BE REMOVED
24	BLACK OLIVE	12"	TO BE REMOVED
25	BLACK OLIVE	12"	TO BE REMOVED
26	BLACK OLIVE	12"	TO BE REMOVED
27	BLACK OLIVE	12"	TO BE REMOVED
28	BLACK OLIVE	12"	TO BE REMOVED
29	BLACK OLIVE	12"	TO BE REMOVED
30	BLACK OLIVE	12"	TO BE REMOVED
31	ROVAL PODOCARPA	3'	CLUSTER
32	ROVAL PODOCARPA	3'	CLUSTER
33	ROVAL PODOCARPA	3'	CLUSTER
34	ROVAL PODOCARPA	3'	CLUSTER
35	ROVAL PODOCARPA	3'	CLUSTER
36	ROVAL PODOCARPA	3'	CLUSTER
37	ROVAL PODOCARPA	3'	CLUSTER

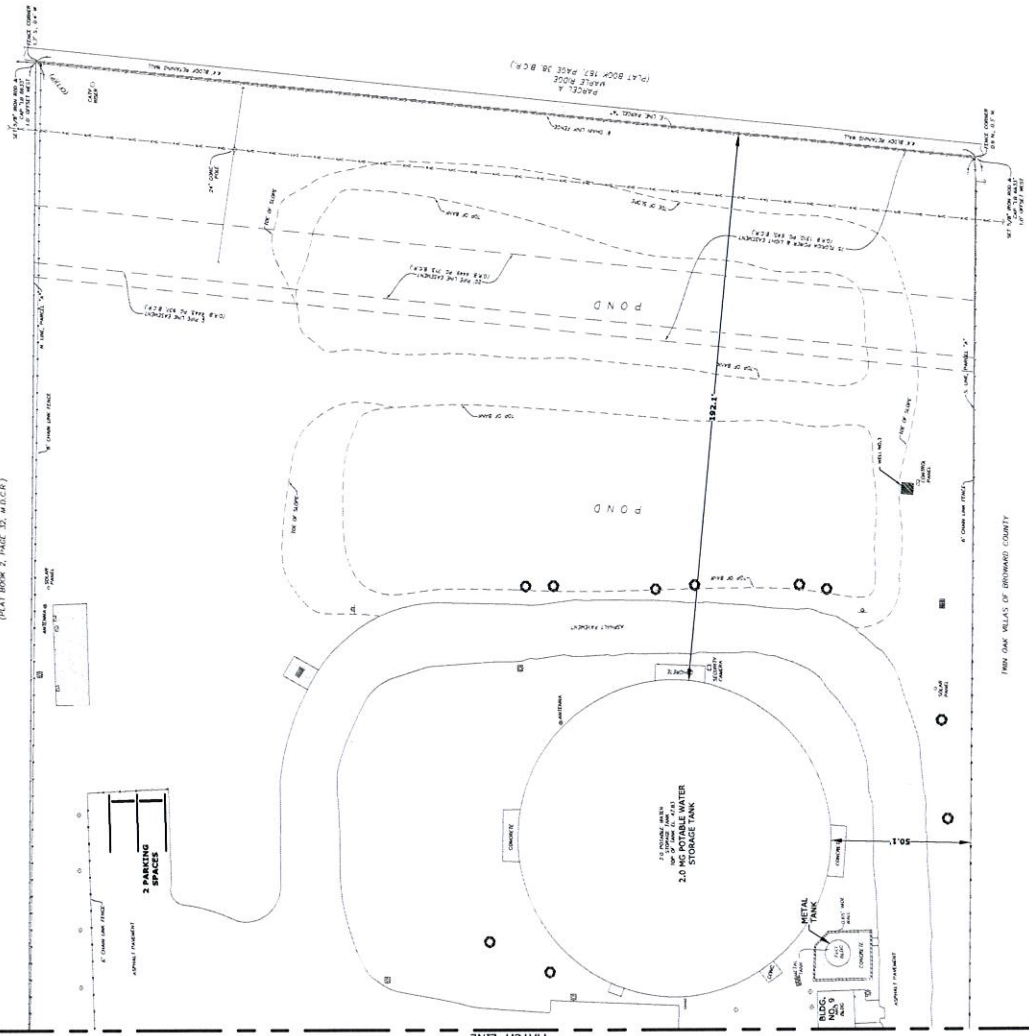


CALL 813-885-8858
 BEFORE YOU DIG
 IT'S THE LAW!
 1-888-43-4376

DATE: 01/08/2019	DESIGNATION: DEMOLITION PLAN AND TREE SURVEY	DRAWING NAME: DEMOLITION PLAN AND TREE SURVEY	DESIGNATION: DEMOLITION PLAN AND TREE SURVEY
CHECKED BY: MAM	PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK	PROJECT NO: 9058	DWG NO: 0231-01-087
DRAWN BY: EG	NAME: MARK A GABRIEL P.E.	PROJECT NO: 9058	PROJECT NO: 9058
DATE: 01/08/2019	COMPARTIAL: COMPARTIAL	DATE: 01/08/2019	DATE: 01/08/2019
SCALE: AS SHOWN	WATER & WASTE SERVICES ENGINEERING DIVISION	FLORIDA P.E. No. 20649	FLORIDA P.E. No. 20649
	BRUNARD COUNTY DEPARTMENT OF PUBLIC WORKS		



SECTION 15, TOWNSHIP 20 SOUTH, RANGE 42 EAST
 SECTION 22, TOWNSHIP 20 SOUTH, RANGE 42 EAST
 (PART BOOK 157, PAGE 38 B.C.M.)



SITE DATA TABLE

EXISTING USE: INDUSTRIAL
LAND USE DESIGNATION: INDUSTRIAL
PROPOSED ZONING DESIGNATION: I-10C
GROSS SITE AREA: 279,946 S.F. / 6.34 ACRES
NET SITE AREA: 279,946 S.F. / 6.34 ACRES
VEHICLE USE AREA: 42,918.00 S.F.

EXISTING BUILDINGS:
 BUILDING 1: ADMINISTRATION 1,800 S.F.
 BUILDING 2: STORAGE 3,343 S.F. TO BE DEMOLISHED
 BUILDING 3: STORAGE 1,718 S.F. TO BE DEMOLISHED
 BUILDING 4: STORAGE 51 S.F. TO BE DEMOLISHED
 BUILDING 5: STORAGE 113 S.F. TO BE DEMOLISHED
 BUILDING 6: STORAGE 1,302 S.F. TO BE DEMOLISHED
 BUILDING 7: MASTER WATER PUMP STATION 1,302 S.F. TO BE DEMOLISHED
 BUILDING 8: PUMP BUILDING 1,302 S.F. TO BE DEMOLISHED
 METAL TANK

PROPOSED BUILDINGS: 12,071 S.F.
2.5 MG POTABLE WATER STORAGE TANK: 26,498 S.F. / 5.98 ACRES 14.2' N
2.0 MG POTABLE WATER STORAGE TANK: 12,071 S.F.
TOTAL LOT COVERAGE: 41.06 FEET

BUILDING HEIGHT: 41.06 FEET
SETBACK REQUIREMENTS: REQUIRED PROVIDED
 FRONT: 500 FT. 30 FT.
 SIDE (EAST): 500 FT. 50 FT.
 SIDE (WEST): 500 FT. 50 FT.
 REAR: 50 FT. 102 FT.

PARKING REQUIREMENTS:
 ADMINISTRATION: 1,870 S.F. @ 1,500
 STORAGE: 2,000 S.F. @ 1,500
TOTAL SPACES: 2 SPACES
TOTAL PARKING PROVIDED: 412 SPACES
TOTAL SPACES (INCLUDES (1) REQUIRED ADA SPACE): 413 SPACES
TOTAL PARKING PROVIDED: 411 SPACES
EXCESS: 2 SPACES

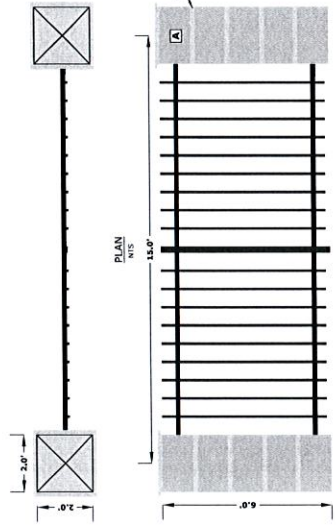
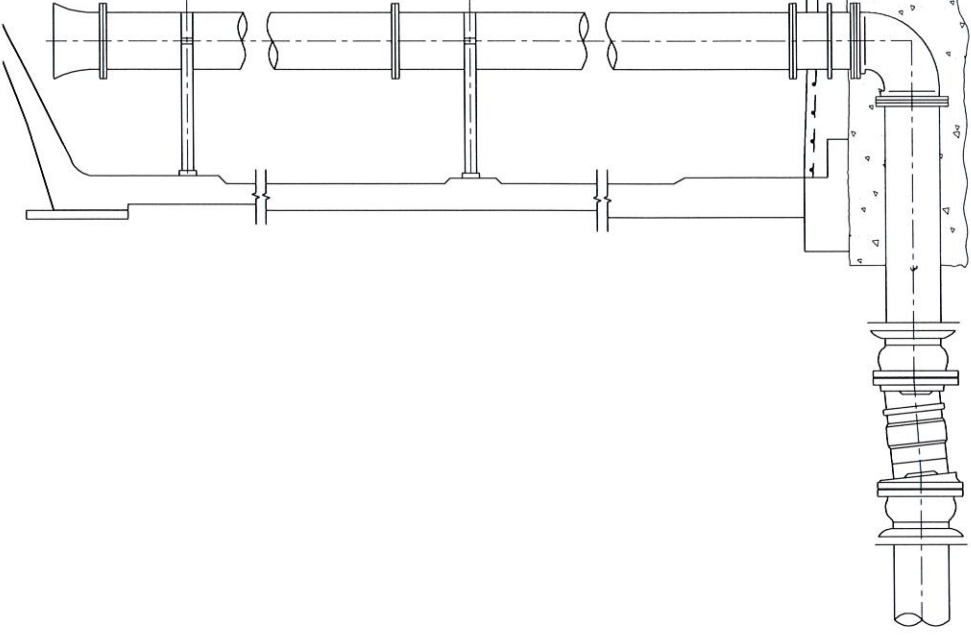
BIKE SPACES: 1 SPACE REQUIRED
 1 SPACE PROVIDED

BI AREA CALCULATIONS: SQUARE FEET, %
 EXISTING: BUILDING 17,486 S.F. 6.4%
 ASPHALT 42,918 S.F. 15.5%
 SUBTOTAL EXISTING 60,404 S.F. 22.2%
 PROPOSED: CONCRETE 12,071 S.F. 4.4%
 ASPHALT 2,998 S.F. 1.1%
 SUBTOTAL PROPOSED 15,069 S.F. 5.5%
TOTAL PROPOSED: 18,200 S.F. 6.7%
TOTAL SITE AREA: 279,946 S.F. 100%

PROPOSED LANDSCAPING: 85 A
FOOTBALL FIELD (PROVIDED BY BFC/DAVA): 9 FA

DATE:	DESIGNER:	PROJECT NO.:	DRAWING NO.:	PROJECT NAME:	DRAWING NAME:	DESIGNATION:
03/20/13	EG	9058	0231-01-087	2.5 MG POTABLE WATER STORAGE TANK	SITE PLAN	
SCALE: AS SHOWN	DESIGNED BY:	DATE:	PROJECT NO.:	NAME:	PROJECT NAME:	DRAWING NAME:
	AS CHOWN	03/20/13	9058	MARK A. GARBEL P.E. FLORIDA P.E. NO. 20649	2.5 MG POTABLE WATER STORAGE TANK	SITE PLAN
				CONFIDENTIAL This is a Confidential Document It is not to be distributed outside the project team without the written consent of the project manager. If you are not a project team member, please do not reproduce or distribute this document. Project No. 9058 Date: 03/20/13 Project No. 9058 Date: 03/20/13	WATER & WASTEWATER SERVICES ENGINEERING DIVISION 200 W. UNIVERSITY AVENUE SUITE 200 ORLANDO, FLORIDA 32801 PHONE NO. 407.241.1274 FAX: 407.241.1275	BRACARD BROWARD COUNTY DEPARTMENT OF PUBLIC WORKS
						SHEET NO. 2 OF 2

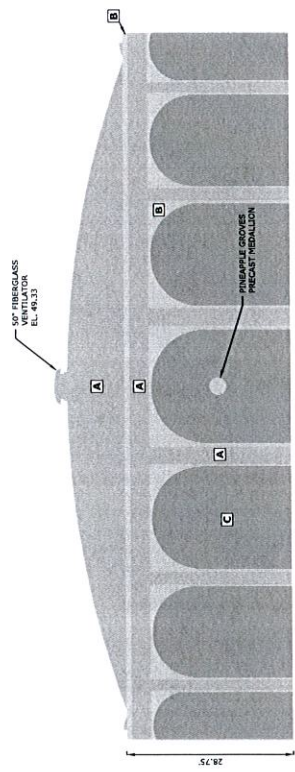
EL. OVERFLOW 35.00



ELEVATION
N.T.S.

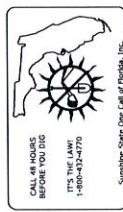
1. FENCE COMPONENTS INCLUDING METAL WALL POSTS, PICKETS AND RAILS TO BE ALL WELDED CONSTRUCTION, ALUMINUM ALLOY 6063, TEMPER 52.
2. FENCE COMPONENT FINISH TO BE POWDER COAT, BLACK.

DECORATIVE METAL FENCE
N.T.S.



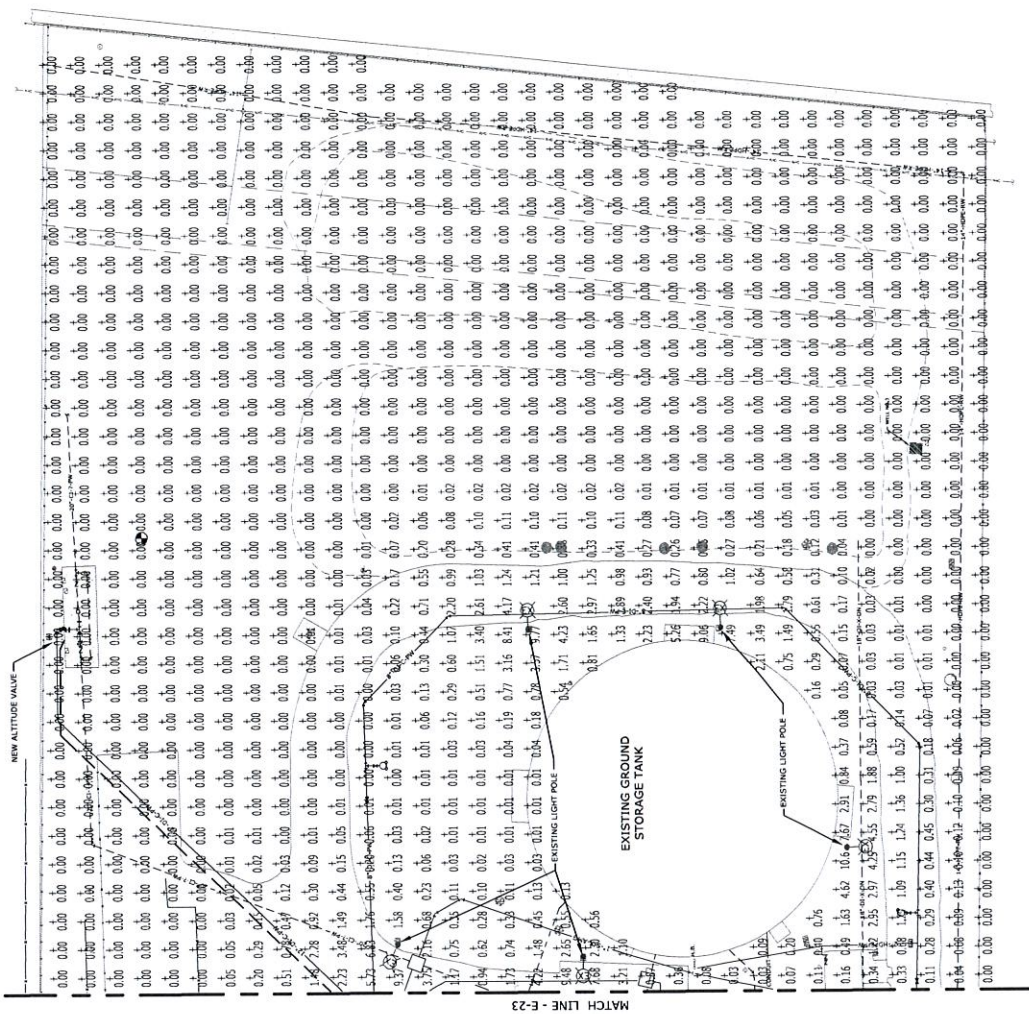
TANK ELEVATION
N.T.S.

PAINT COLOR LEGEND	
SYMBOL	SHERMAN WALL SYSTEM OR SELECTION
A	SAND DOLLAR SW
B	PACKER WHITE SW
C	SANDS GREY SW



Sunshine State Div. Call of Florida, Inc.

DATE: 01/11/11	REVISION DESCRIPTION	DESIGNATION
BY: JAC		
CHECKED BY: JAC		
DATE: 01/11/11		
SCALE: AS SHOWN		
PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK DRAWING NAME: ELEVATION AND DETAILS PROJECT NO: 9058 DWG NO: 0231-01-087		DESIGNATION: SHEET NO: 1 OF 1
NAME: MARK A. GABRIEL, P.E. FLORIDA P.E. NO. 20699		PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK DRAWING NAME: ELEVATION AND DETAILS PROJECT NO: 9058 DWG NO: 0231-01-087
CONFIDENTIAL NOT FOR PUBLIC DISSEMINATION PROJECT NO. 9058 P.E. NUMBER 20699 P.E. LICENSE 13		PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK DRAWING NAME: ELEVATION AND DETAILS PROJECT NO: 9058 DWG NO: 0231-01-087
BRAYARD WATER & WASTEWATER SERVICES ENGINEERING DIVISION 10000 W. STATE ROAD 10 BOCA RATON, FL 33433 PHONE: 561-991-0710 FAX: 561-991-0711		PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK DRAWING NAME: ELEVATION AND DETAILS PROJECT NO: 9058 DWG NO: 0231-01-087



HILLERS ELECTRICAL ENGINEERING, INC.
 1500 S. W. 10th St., Suite 100
 Boca Raton, Florida 33432
 (561) 365-4888
 CODE NO. 10 000001

PRELIMINARY SET
 DRAWING NAME: PHOTOMETRIC PLAN
 DESIGNATION: E-24
 SHEET NO. X OF XX

PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK
 PROJECT NO: 9058

NAME: PAUL F. HILLERS P.E.
 FLORIDA P.E. NO. 41022

DATE: 01/20/2011

CONSULTANT: BRACARD WATER UTILITIES SERVICES
 2000 W. COUNTY ROAD 10
 BOCA RATON, FLORIDA 33432
 PHONE NO. (561) 365-4888
 FAX NO. (561) 365-4889

PROJECT NO: 9058
 SHEET NO. X OF XX

DATE: 01/20/2011

PROJECT NAME: 2.5 MG POTABLE WATER STORAGE TANK

DRAWING NAME: PHOTOMETRIC PLAN

DESIGNATION: E-24

SHEET NO. X OF XX

PROJECT NO: 9058

NAME: PAUL F. HILLERS P.E.

FLORIDA P.E. NO. 41022

DATE: 01/20/2011

CONSULTANT: BRACARD WATER UTILITIES SERVICES

2000 W. COUNTY ROAD 10
 BOCA RATON, FLORIDA 33432
 PHONE NO. (561) 365-4888
 FAX NO. (561) 365-4889

