



VILLAGE OF NORTH PALM BEACH REGULAR SESSION AGENDA – REVISED

VILLAGE HALL COUNCIL CHAMBERS
501 U.S. HIGHWAY 1

THURSDAY, JUNE 09, 2022
7:00 PM

Deborah Searcy
Mayor

David B. Norris
Vice Mayor

Susan Bickel
President Pro Tem

Darryl C. Aubrey
Councilmember

Mark Mullinix
Councilmember

Andrew D. Lukasik
Village Manager

Leonard G. Rubin
Village Attorney

Jessica Green
Village Clerk

INSTRUCTIONS TO JOIN MEETING ELECTRONICALLY

To join meeting by computer (video & audio) click or type the following link in address bar:

<https://us02web.zoom.us/j/88367151962?pwd=V1ZLQWpma2Fad2JBWmxENFRWeTBDdz09>

Meeting ID: 883 6715 1962

Passcode: 476946

One tap mobile

+13126266799,,88367151962#,,,,*476946# US (Chicago)

+19294362866,,88367151962#,,,,*476946# US (New York)

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+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 883 6715 1962

Passcode: 476946

ROLL CALL

INVOCATION - MAYOR

PLEDGE OF ALLEGIANCE - VICE MAYOR

AWARDS AND RECOGNITION

1. Proclamation - Reverend William Dominick O'Shea

APPROVAL OF MINUTES

COUNCIL BUSINESS MATTERS

STATEMENTS FROM THE PUBLIC, PETITIONS AND COMMUNICATIONS

Members of the public may address the Council concerning items on the Consent Agenda or any non agenda item under Statements from the Public. **Time Limit: 3 minutes**

Members of the public who wish to speak on any item listed on the Regular Session or Workshop Session Agenda will be called on when the issue comes up for discussion. **Time Limit: 3 minutes**

Anyone wishing to speak should complete a Public Comment Card (on the table at back of Council Chambers) and submit it to the Village Clerk prior to the beginning of the meeting.

DECLARATION OF EX PARTE COMMUNICATIONS

PUBLIC HEARINGS AND QUASI-JUDICIAL MATTERS

CONSENT AGENDA

The Consent Agenda is for the purpose of expediting issues of a routine or pro-forma nature. Councilmembers may remove any item from the Consent Agenda, which would automatically convey that item to the Regular Agenda for separate discussion and vote.

2. Receive for file Minutes of the Recreation Advisory Board meeting held 5/10/22.

OTHER VILLAGE BUSINESS MATTERS

3. **PRESENTATION** – Town of Lake Park Draft Land Development Regulations for the Twin City Mall Site
4. **RESOLUTION – LIBRARY SHELVING UNITS PURCHASE** Consider a motion to adopt a resolution approving and authorizing the purchase of Library shelving units for the Village Library from R. George & Associates, Inc. in an amount not to exceed \$113,220.90.
5. **RESOLUTION – AMENDMENT TO FISCAL YEAR 2022 BUDGET'S ORGANIZATIONAL CHARTS AND COMPREHENSIVE PAY PLAN** Consider a motion to adopt a resolution amending the Organizational Charts and Comprehensive Pay Plan adopted as part of the Fiscal Year 2022 Budget to improve service delivery; revising positions within the Public Work's Department, Village Clerk's Office, Community Development Department and the Country Club.
6. **PRESENTATION** – Building Recertification Process
7. **DISCUSSION** – Anchorage Park Dry Storage Project

COUNCIL AND ADMINISTRATION MATTERS

MAYOR AND COUNCIL MATTERS/REPORTS

VILLAGE MANAGER MATTERS/REPORTS

REPORTS (SPECIAL COMMITTEES AND ADVISORY BOARDS)

ADJOURNMENT

If a person decides to appeal any decision by the Village Council with respect to any matter considered at the Village Council meeting, he will need a record of the proceedings, and for such purpose he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based (F.S. 286.0105).

In accordance with the Americans with Disabilities Act, any person who may require special accommodation to participate in this meeting should contact the Village Clerk's office at 841-3355 at least 72 hours prior to the meeting date.

This agenda represents the tentative agenda for the scheduled meeting of the Village Council. Due to the nature of governmental duties and responsibilities, the Village Council reserves the right to make additions to, or deletions from, the items contained in this agenda.

**Village of North Palm Beach
Recreation Advisory Board Minutes
May 10, 2022 at 7:00 p.m.
Anchorage Park**

Chairman	Bob Bell	(X)	Vice Chair	Don Grill	(X)
Member	Maria Cassidy	(X)	Member	Paul Beach	(X)
Member	Stephen Heiman	(X)	Member	Rita Budnyk	(X)
Member	Mia St John	(X)	Recreation	Stephen Poh	()
Council Rep.	_____	()	Leisure Services	Zak Sherman	(X)

Call to Order:

Called to order by chair at 7PM.

Roll Call:

All board members present. Council member not in attendance.

Approval of Minutes:

1st by Don Grill; second by Stephen Heiman.

Public Comment:

Chris Ryder: Dory Rd. Requested emails from Rec Board. Shocking. Discussed scope of 2GHO. North Canal at Anchorage. Lakeside Park dune. Unarmored shoreline. Need defense against storm. Can expect flood waters 9ft tall. Current design accommodates 5ft flood waters. Anchorage storage area: concerns about turning a large truck with a trailer (turn radius may be too small) near south storage area and boat ramp (while construction to north side is going on). Concerns need to be addressed prior to construction starting.

Directors Report:

- Accomplishments
- Ongoing projects
- Programs and events

Lakeside Park:

- Berm
 - Signage for the plants that Katharine previously planted at the north walkover were installed the other day by Katharine and Stephen. The signs list the names of the plants.

- Although Katharine turned in a proposal for work on the south walkover recently, she is not doing any new work to berm right now.
- Zak reached out to Charlie Isiminger to get his opinion on the berm. We do not have a contract with Charlie; it was more of a personal, informal opinion. He felt that berm has proved pretty stable over the years and that it will always naturally recuperate. Felt that leaving it alone is best.
 - We are also seeking more formal opinions from others as well.
 - Bob: that is the same info John gave me based on UF info.
- Sea grape tree uprooted
 - Precision plans to dig up tree and straighten it out. Stephen also spoke to Precision about adding more sea grapes. Precision suggested 40 of them in 3 gallon pots. This was also an Environmental Committee request.
- Precision
 - Precision trimmed some branches overhanging the new berm work at the north walkover.
- Split rail fence
 - Still waiting on fencing to arrive so we can address 3 trouble areas: plan to rearrange split rail fence so vehicles don't drive over Dr. Higgin's property to enter park; installing split rail fence at end of driveway of 706 Lakeside Circle to prevent vehicles from driving into park; and adding another portion of fence to block people from driving over bushes/wheel stop into park from the north trail entrance on Lakeside Dr. Ordering more split rail for Anchorage as well as part of same order.
- Basketball Court
 - Plans to fix or change the court will get added to CIP for 2027.
- New Cameras
 - IT ordered four more of the new Verkada system cameras for Lakeside Park. These will go in the parking lot. The cameras allow remote access into the Park 24/7 and allow any staff to pull video from any PC.
 - Bob: is this reactive or proactive?
 - Zak: both.
 - Rita: How far back do the cameras go?
 - Zak: (wasn't sure offhand at first. Zak texted IT and they said 30, maybe more).
 - Maria: asked about who will be monitoring them.
 - Zak: police mainly, but staff any can view them from a staff PC
- Park Ranger
 - Golf cart is still on track to arrive in June. It will be delivered to us when ready.
 - Staff is currently interviewing for the open Ranger position.
 - Will eventually get a second part time ranger.

Anchorage Park:

- New Playground
 - Council approved new playground (Option A: ARC) at April 28 council meeting.
 - The ARC design is the one with the zip line and sail shade.
 - ADA swings will come in blue. (originally, the renderings showed red).
 - Playground has been ordered and has an estimated delivery date of 4-5 months.
 - In terms of the online survey, residents chose ARC by a margin of 204 to 104 (62.01% to 31.61%). 21 respondents (6.38%) said either option was acceptable.
 - Once the new playground is in, we'll most likely add some new seating.

◻ Hopefully it will be in before touch-a-truck

- Piers
 - ◻ Recent uptick in complaints regarding fishing activity at piers.
 - ◻ People leaving hooks, line, and fish guts.
 - ◻ Incident where a ray was badly injured by fisherman.
- Dry Storage
 - ◻ 90% plans are essentially completed.
- Trail adjacent dry storage on north side
 - ◻ All County removed cracked section, removed roots, and reasphalted trail.
- New bollard
 - ◻ New bollard is in. Plan to install in middle of trail so vehicles cannot pull into park area on north side by sand volleyball courts.
- Volley ball courts
 - ◻ Just a note about the lights: Lights switch on automatically from 6-9PM. At times, people have turned them off manually (the switches are on the lights). If they do get switched off, it takes 10 minutes for the lights to come back on once the switch is turned on.
- Dog Park
 - ◻ Fountain has been fixed in big dog park.
 - ◻ Plan to resod dog park.
 - ◻ Dog parks were also sprayed for pests.
- Precision
 - ◻ Precision removed moss/vines from trees.
 - ◻ Still waiting on them to replace 2 dead oaks, treat 2 oaks, and remove 1 dead palm.
- Carpet cleaning
 - ◻ Carpet was cleaned after Easter.
- Anchorage Drive Parking spaces
 - ◻ Parking spaces repaved; project not finished yet though. Still need striping and wheel stops secured.
 - We may also need to add a bollard or two on the north trail side.
- Signage
 - ◻ Plan to add signs at each park entrance: north trail and south trail. These will be like the ones at Lakeside that include verbiage on golf carts, leash laws, etc.
- Waitlist software
 - ◻ Downloaded free trial. We have 30 days to test it out.
 - ◻ See Attached screenshot. So far, it looks like it can do everything we'd like it to.

Marina:

- Dock boxes
 - ◻ One resident expressed interest in dock boxes. The one that the resident liked is a little too big for the space. We need something a little smaller. Plus, they were about \$900 each. Becky is looking into other options.

Community Center:

- Stop the Bleed Kit Installed near AED in lobby area
- Main field

- The fields at the Community Center are mostly closed for maintenance through July 10. Signs are posted. One or two gates are still open for access.
- T-Mobile
 - Still waiting on T-Mobile for reimbursement for damage done to fields in December.
- Playground
 - We are tentatively scheduled for late July. Vender said he will keep us updated with the delivery and let us know if anything changes.
- Spring Basketball League
 - Still going strong! Only positive feedback so far. Next year, I think Perseverance would like to use Saturdays as well.
- Precision
 - Precision removed moss/vines from trees.
- Summer Camp
 - Trips/buses booked
 - 8 wk camp from June 6 through July 29 for 8-14 yr olds.
 - Currently interviewing for camp counselors (hiring up to 9)
 - 40 spots were opened for registration initially. Now that buses are confirmed, that number will be bumped up to 45. Some people got put on a waitlist, so Mia will call them first to register them.
 - 4 out of the 8 weeks are full and 2 out of the 4 weeks have less than 10 spots available.
 - Many parents calling and asking if admission is included to the parks/adventures. All admissions are included, but some days they may need to send money for their kids to purchase lunch. When Mia sends out the weekly email for each specific week, it will have a detailed list of which days the kids will need what.
 - We are also adopting an agreement with the Town of Lake Park that will allow their residents to register for camp at the Village resident rate of \$225 per week. A similar agreement was approved in 2016. They normally host summer camp, but this year they are having trouble hiring a new Recreation Supervisor to oversee the program.
 - Tennis is also having a summer camp, for ages 5-14. June 13 – August 5.
 - For more info, <https://www.village-npb.org/510/Tennis-Summer-Camp>
 - Don: anything for younger kids?
 - Zak: brainstorming for next year.
 - Maria: we are interested to see how many do trips?
 - Board would like staff to track cancelations (if parents cancel because they don't want their kids to go on a certain trip).
- Staffing
 - New Recreation Supervisor Jimmy Lovett III began work on April 25 and worked at Anchorage for 2 weeks.
 - He'll be full time at the Community Center starting May 9.
- Stage
 - Working with PW to see if we can add some lighting under the stage to better manage our storage in a safer manner.
- Gym Scoreboard
 - Had a few issue during one of the games. A control panel wasn't working correctly. Staff reached out to get it repaired.

Osborne Park:

- Baseball Field
 - Added signage on front gates letting people know baseball field is closed on Sundays until noon. That was in keeping with a prior agreement with the church, so baseballs don't hit churchgoing vehicles during morning services.
- Basketball Court
 - Stephen recently order the new goals (posts, backboards) for the courts.
 - Reasphalting job goes to Council on May 12 (it's over \$25k).
 - Once asphalt is done, we'll paint, then install backboards/hoops.
- Bottle filler stations
 - Still waiting on Public Works to finish installation of bottle filler station at the racquetball court. Needs new plumbing and electrical. The new one by the baseball field is working fine.
- Community Garden
 - Arbor Day celebration on April 29 with Mayor Searcy and Garden Co-Pres Lynda Grant, among others.
- Outdoor restrooms
 - Doors have been ordered; just waiting for them to arrive.

Veterans Park:

- Nothing new to report

Special Events:

- **Bus Trip:**
 - Mystery Trip
 - April 21 from 8-5 p.m.
 - Bill and Co. went to Melbourne for a Tour of the Rosetter House, a Vintage Homestead that is run by the historical society.
 - Address: 1320 Highland Ave, Melbourne, FL 32935
 - After the tour, the crew had lunch at a place called the Mansion.
- **Special events**
 - **Jack Jacobs**
 - Musical performance April 8, 6:30 p.m. at Library
 - Jack Jacobs, local singer, came to the library and entertained the public with his wonderful singing and lineup of classic songs.
 - 20 members of the public came for the one-hour show and everyone would love to attend another performance with Jack.
 - **Books & Bites – Karen White**
 - April 12, 11:00 AM- 1:00 PM at the Country Club
 - Author Karen White gave a wonderful presentation and PowerPoint for our Book and Bites program at the Country Club
 - Everyone thoroughly enjoyed the food and the beautiful ballroom
 - April's Friends of the Library Easter themed basket raffle contained a \$100 gift card to Farmer's Table and was drawn at the Books and Bites program by author Karen White
 - Congratulations to Jayne Barkdull!
 - The Friends also gifted \$30,000 to the library to go toward the upcoming upstairs remodel!
 - **Annual Art Show**

- April 13, 5:30-7:00 p.m. at Library
- This was the makeup date due to the original date being rained out
- **Annual Egg Hunts**
 - Flashlight egg hunt Friday, April 15 (ages 8+)
 - Had about 350 people come
 - Annual egg hunt Saturday, April 16 (ages 0-7)
- **Arbor Day**
 - April 29 at 6 p.m. at Osborne Park community garden
- **Upcoming Events:**
 - Trivia Night at Anchorage Park geared toward adults
 - May 21 from 6:30-8:30 p.m.
 - See attached flyer!
 - 4th of July
 - There will be a pool party.
 - Recreation staff will be handling fireworks, porta potties, and 2 tents.
 - Fishing tournament: registration forms ready. 16th tournament/17th year

Library:

- Summer Reading
 - Summer pages are up!
 - <https://www.village-npb.org/861/Summer-Reading-2022>
 - This year's theme is **Oceans of Possibilities**
 - Cock-a-Doodle-Do Reptile Show on July 9th
 - Jurassic Parts is being locked in for about 5 programs that would accommodate both private groups and the public
 - Take-away craft kits are being purchased
 - Speaking with our usual preschools for private storytimes
 - Teen summer programming will be focused on assisting teens get community service hours by volunteering to help with our programs and keeping the library neat and tidy.
 - Free cold lunch will be served in the Obert Meeting Room from 12:30-1:30 every Wednesday and Friday.
- Facilities
 - Downstairs carpets cleaned April 10.
 - 3 self-checkout stations have been installed at the library.
 - They were part of an ARPA grant purchase through the State.
 - Getting quote from Saffold for possible drain at library near side doors to prevent buildup of water during heavy rain storms.
- Staffing
 - Interviewing for three new library clerks
- Other Programming
 - Knit and Crochet continues to meet every Monday for an average of 10 people
 - Yoga in the Park average 11 people each Friday morning.
 - Great Courses Lectures
 - 30 people so far this month have attended a Great Courses Lecture
 - People have been learning about the history of India
 - Book Club

- 13 members of the book club met to discuss the author's latest book before her arrival at our Books & Bites event on April 12
- AARP Tax Aide
 - AARP has concluded tax aide for the 2022 tax season on April 15th
 - Over 400 people were helped at the Library between February 2nd and April 15th
 - Next year's plan will include having a dedicated AARP volunteer help make phone appointments and to get all taxpayers in and out in 1 hour 25 minutes' timeframe
 - Over 300 e-filed (326)
 - 13 paper returns filed
 - 71 people served with questions and answers
- Overdue fines
 - Library Advisory Board voted to get rid of overdue fines.

New Business:

- **Dock boxes (marina)**

Don thinks boxes should be on other side (east side of dock).

Staff should survey renters first. **Rec Board** should visit the dock to see best placement. **Report** results of survey to **Rec Board**. Treat dock boxes like memorial benches for budgeting purposes.

- **Piers (appropriate place to fish?)**

Built specifically for fishing. Originally was supposed to be 3 piers. Been having some issues with people fishing and making a mess. Maybe put signage out (to tell people to clean up). Maybe install cutting board.

- **FY23 Budget**

It's in budget to redo fountain at tennis court. Might add a spigot so staff can hook up a hose to wash off pier. **Zak** also went through other budget proposals, such as hiring a 2nd part-time ranger. Request to change up Heritage Day. Maybe different types of bands?

- **Rentals: greenspace fee? Per hr/day?**

Zak: charge a fee to rent greenspace? For example, our only option now is to rent a pavilion. What if a large gathering doesn't need a pavilion but just wanted to set up on the grass for a couple hours? In other words, it would be a large planned activity that requires a permit. Charge hourly or daily fee? Need signage at pavilions as well letting people know they need permit for large gatherings and must see staff.

Old Business:

- **Dry Storage Project update**

Want to take to Council June 9. Oak will be relocated. No Clusia anymore. Maintenance path will be maintained behind fence. Removal of invasives. Replant. Ficuses staying. Possibly

phased removal of ficuses. Various hedging around fence. 30 and 40ft spaces. Environmental committee concerned whether we have enough space between canal and maintenance path to plant all we want to plant. 2GHO believes we have enough space. Will underground wires. Will add light posts. Currently only one post with two lights; will add up to 14.

Bob: what kind of lights? Brightness?

Zak: 20ft high. 3k kelvin. Lights shouldn't interfere with resident's quality of life. Don't have lighting plans yet. Village can pay off in 10yrs.

Bob: need to address turning radius before we start.

Zak: 47% increase in rental fees would amount to \$1,200 per year times 136 spaces. Should we differentiate between the smaller-larger spaces, like we do now?

Board: Yes.

Zak: Automated waitlist. Control in hands of residents. Residents can enter and submit own info to get a spot on the lists. To be removed, they would have to call. You'll be notified as you move up the list. Software costs \$250 per year.

Rita: we should still keep paper trail while we are beginning to use program.

Chris talked about the proposed planting of mangroves. 1,500 mangroves in the N. canal.

Currently, 2 mangroves. What is the intent of adding 1,500 mangroves?

Zak: 2GHO will reassess planting proposals once items are cut/sprayed.

Chris: we are spending money to ensure that canal will never see a boat.

Member Comments:

Adjournment:

Paul made motion to adjourn. Second by [couldn't catch name of second]. All were in favor.

Adjourned at 8:33pm.

**VILLAGE OF NORTH PALM BEACH
COMMUNITY DEVELOPMENT DEPARTMENT**

TO: Honorable Mayor and Council

THRU: Andrew D. Lukasik, Village Manager

FROM: Alex Ahrenholz, Principal Planner

DATE: June 9, 2022

SUBJECT: **PRESENTATION -- Town of Lake Park Draft Land Development Regulations for the Twin City Mall**

The Town of Lake Park has completed a draft of new land development regulations for the C-3 Regional Business District, which is also known as the Twin City Mall. There is an established Interlocal Agreement between the Village and the Town of Lake Park for future development of this property. The Agreement requires coordination between both municipalities “in an effort to make the codes consistent.” Tonight, Town of Lake Park staff will be presenting the details of the Town’s draft code for informational purposes. Staff will be taking questions and recommendations from the Council in an effort to follow the Interlocal Agreement.

The proposed regulations will eliminate the currently established C-3 Regional Business District regulations that are currently identical for both the Town and the Village. In lieu of the existing provisions, the Town is proposing regulations allowing a more intensive development pattern of mixed uses and increased height in the renamed “C-3 Twin Cities Mixed Use District”. These regulations were developed with Dover Kohl, so they are similar to the draft regulations developed for the Village’s portion of the Twin City Mall property. The Village’s regulations for the C-3 District were placed on hold when the Village Council discussed and adopted revisions to each of the Village’s other commercial districts in order to allow the Town sufficient time to develop its own regulations.

The Town is proposing changes to the use table, which removed automobile-oriented uses and made more suburban development uses special exceptions. The Town also added architectural requirements and building typologies for building massing, with locations specified on a regulating plan. Density increased to forty-eight (48) dwelling units per acre for residential projects and an overall 2.0 floor area ratio (FAR). Buildings can also be built up to twelve (12) stories in height or 160 feet. Parking ratios and a new street cross-section have been proposed in line with the Village’s C-MU zoning district.

The Village is still in the process of drafting its C-3 Zoning Regulations for the Twin City Mall site. The Village’s regulations will be generally consistent with the Town of Lake Park’s proposed regulations.

**VILLAGE OF NORTH PALM BEACH
LIBRARY DEPARTMENT**

TO: Honorable Mayor and Council

THRU: Andrew D. Lukasik, Village Manager

FROM: Zakariya Sherman, Director of Leisure Services

DATE: June 9, 2022

SUBJECT: **RESOLUTION** – Approval of Purchase of Shelving for the Library from R. George & Associates, Inc. to replace the existing shelving on the 2nd floor at a total cost of \$113,220.90 pursuant to pricing established by Palm Beach County Board of County Commissioners Term Contract.

The shelving on the 2nd floor of the library has been in use since the building's opening in 1969. Current wall shelving is different heights and missing end panels. Current floor shelving is 96" tall and stationary. It blocks views and its fixed position limits flexibility. New shelving and end panels will be consistent in height and color. New floor shelving will be on wheels to ensure better utilization of space.

In addition, the Library Advisory Board reviewed the proposal and gave positive feedback. The Friends of the North Palm Beach Library also reviewed the proposal and made a considerable donation to help move the project forward.

Pricing:

The purchase from R. George & Associates, Inc. is pursuant to pricing established in an existing contract with Palm Beach County for Furniture and Shelving, Library, Delivery and Installation (Contract No. SS700172/KP) expiring September 12, 2022. R. George & Associates, Inc. was accepted by the County as a sole-source vendor for both Brodart and Borroughs furniture/shelving. The Village's purchasing policies and procedures authorize concurrent competitive purchasing on other state and local government contracts.

Funding:

The total cost of the project is \$113,220.90. The majority of the funds for this project may be obtained using accumulated donations for the Library (*as of 6/1/2022, the available balance in this restricted account is \$103,844.71*). The remainder, \$9,376.19, will be charged to an operating account in the Library's budget.

Account Information:

Fund	Department	Account Number	Account Description	Amount
General	Library	A7927-33160	Donation Expense	\$103,844.71
General	Library	A7927-35243	Furniture, Fixtures & Equipment	\$9,376.19
Total				\$113,220.90

The attached Resolution has been prepared and/or reviewed for legal sufficiency by the Village Attorney.

Recommendation:

Village Staff requests Council consideration and approval of the attached Resolution accepting the proposal submitted by R. George & Associates, Inc. to purchase new library shelving at a total cost of \$113,220.90 pursuant to pricing established in an existing Contract with Palm Beach County, with funds expended from Account No. A7927-33160 (Donation Expense) and Account No. A7927-35243 (Furniture, Fixtures & Equipment), in accordance with Village policies and procedures.

RESOLUTION 2022-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF NORTH PALM BEACH, FLORIDA APPROVING AND AUTHORIZING THE PURCHASE OF LIBRARY SHELVING UNITS FOR THE VILLAGE LIBRARY FROM R. GEORGE & ASSOCIATES, INC. PURSUANT TO PRICING ESTABLISHED IN AN EXISTING PALM BEACH COUNTY CONTRACT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Village Staff is requesting the purchase of shelving for the second floor of the Village Library from R. George & Associates, Inc. pursuant to pricing established in an existing Contract with Palm Beach County for Furniture and Shelving, Library, Delivery and Installation (Contract No. SS700172/KP); and

WHEREAS, the Village Council determines that the adoption of this Resolution is in the best interests of the Village and its residents.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF NORTH PALM BEACH, FLORIDA as follows:

Section 1. The foregoing recitals are ratified as true and incorporated herein.

Section 2. The Village Council hereby approves the purchase of shelving for the second floor of the Village Library from R. George & Associates, Inc. pursuant to pricing established in an existing Contract with Palm Beach County for Furniture and Shelving, Library, Delivery and Installation (Contract No. SS700172/KP). The total amount expended for this purchase shall not exceed \$113,220.90, with \$103,844.71 expended from Account No. A7927-33160 (Library – Donation Expense) and \$9,376.19 expended from Account No. A7927-35243 (Library – Furniture, Fixtures and Equipment).

Section 3. This Resolution shall take effect immediately upon its adoption.

PASSED AND ADOPTED THIS ____ DAY OF _____, 2022.

(Village Seal)

MAYOR

ATTEST:

VILLAGE CLERK



R. GEORGE & ASSOCIATES, INC.

P.O. Box 2854 □ DeLand, Florida 32721-2854 □ (386) 736-2326

TOLL FREE (866) 833-3441 □ FAX (386) 736-3706 □ EMAIL info@rgeorge.com

TO: VILLAGE OF NORTH PALM BEACH

QUOTE #: Q-22-015

DATE: 2/28/2022

PROJECT: NORTH PALM BEACH
LIBRARY

We offer the following quotation for the above project:

Item	Qty	Catalog #	Description	Unit	Total
			LIBRARY FURNISHINGS		
			MAPLE WOOD STAIN: _____		
B/	20	1S-986-S08	D/F 60 1/2"H X 24"D MOBILE STARTER/ADDER UNIT 73"W PARTITIONS INCLUDED	\$2,812.55	\$56,251.00
BB/	18	1S-986-S07	D/F 60 1/2"H X 24"D MOBILE STARTER UNIT 37"W PARTITIONS INCLUDED	\$1,562.60	\$28,126.80
			BORROUGHS WILSONSTAK STEEL SHELVING STEEL COLOR: _____		
A/	49	M6107IBU	S/F 78"H X 10/12"D INTEGRAL BACK SHELVING UNITS WITH SLIDING BOOK SUPPORTS	\$416.00	\$20,384.00
	1	MCF93	78"H X 12/12"D CORNER FILLER WITH TOP CAP	\$267.80	\$267.80
			HPL END PANELS HPL COLOR: _____		
A/	26	EP-708-MOD	S/F 79 1/2"H X 13 3/4"D HPL END PANELS	\$212.55	\$5,526.30
	1	LOT	STEEL SURCHARGE	\$2,665.00	\$2,665.00
			TOTAL DELIVERED & INSTALLED PRICE		\$113,220.90

BY: AARON KEMBLE

NOW ACCEPTING PURCHASE CARD, VISA, OR MASTERCARD. PLEASE ADVISE UPON PLACING ORDER.



Purchasing Department

50 South Military Trail, Suite 110
West Palm Beach, FL 33415-3199
(561) 616-6800
FAX: (561) 242-6744
www.pbcgov.com/purchasing

May 26, 2021

R. George & Associates, Inc.
Aaron Kemble, President
P. O. Box 2854
Deland, FL 32721-2854

TERM CONTRACT #**SS700172B**

Dear Vendor:

This is to inform you that Palm Beach County Board of County Commissioners ("County") is entering into a Term Contract with your company for Furniture and Shelving, Library, Delivery and Installation of based on:

RENEWAL OF CONTRACT based on SOLICITATION #SS700172/KP in accordance with all original terms, conditions, specifications and prices with no deviation.

The term of this contract is 09/13/2021 through 09/12/2022, and has an estimated dollar value of \$75,000.

If applicable, Vendor shall maintain all insurance coverage(s) throughout the entire term of the contract, including any renewals or extensions thereof.

County User Departments will issue individual "Delivery Orders" against this contract as your authorization to deliver. The original invoice must be sent to the address on the Delivery Order ("DO") and must reference the DO number (e.g., DO 680 XY03030500000001111). A copy of the invoice may be sent to the County User Department. Invoices submitted on carbon paper shall not be accepted. In order for the County to make payment, the Vendor's Legal Name; Vendor's Address; and Vendor's TIN/FEIN Number on the Vendor's bid/quote/response must be exactly the same as it appears on the invoice and in the County's VSS system that can be accessed at <https://pbcvssp.co.palm-beach.fl.us/webapp/vssp/AltSelfService>. Failure to comply with the foregoing may result in a delay in processing payment.

If you have any questions, please contact Kerry L Parker, Buyer at 561.616.6835 or kparker@pbcgov.org.

Sincerely,

Kristen Monnett
Purchasing Manager

c: Alicia Garrow, Library
File

**Palm Beach County
Board of County
Commissioners**

Dave Kerner, Mayor

Robert S. Weinroth, Vice Mayor

Maria G. Marino

Gregg K. Weiss

Maria Sachs

Melissa McKinlay

Mack Bernard

County Administrator

Verdenia C. Baker

"An Equal Opportunity
Affirmative Action Employer"

Board of County Commissioners

Mack Bernard, Mayor
Dave Kerner, Vice Mayor
Hal R. Valeche
Gregg K. Weiss
Robert S. Weinroth
Mary Lou Berger
Melissa McKinlay



County Administrator

Verdenia C. Baker

Purchasing Department
www.pbcgov.org/purchasing

**BOARD OF COUNTY COMMISSIONERS
SOLE SOURCE SOLICITATION**

#SS700172/KP

FURNITURE AND SHELVING, LIBRARY, DELIVERY AND INSTALLATION OF, TERM CONTRACT

DUE DATE: SEPTEMBER 4, 2019 AT 4:00 P.M.

It is the sole purpose and intent of this solicitation to secure a contract for item(s) and/or services as listed herein. The sole source vendor is hereby placed on notice that acceptance of its response by Palm Beach County shall constitute a binding contract.

This Solicitation, General Conditions, Instructions, Special Conditions, Specifications, Attachments, Amendments (if issued), and/or any other referenced document form a part of this solicitation and response thereto, and by reference are made a part thereof. The sole source vendor shall be bound by all terms, conditions and requirements in these documents. Vendor shall notify Palm Beach County Purchasing Department immediately if the sole source status changes.

SUBMIT SOLICITATION TO:

Palm Beach County Purchasing Department
Attention Buyer: Kerry L. Parker
50 South Military Trail, Suite 110
West Palm Beach, Florida 33415-3199
Fax #: 561.242.6714
E-mail: kparker@pbcgov.org

Solicitation may be submitted via fax or e-mail.

Please contact Kerry L. Parker, Buyer at 561.616.6814 if you have any questions.

C A U T I O N

In order to do business with Palm Beach County, vendors are required to create a Vendor Registration Account OR activate an existing Vendor Registration Account through the Purchasing Department's Vendor Self Service (VSS) system which can be accessed at <https://pbcvssp.co.palm-beach.fl.us/webapp/vssp/AltSelfService>.

**In accordance with the provisions of ADA,
this document may be requested in an alternate format.
50 South Military Trail, Suite 110, West Palm Beach, FL 33415-3199
(561) 616-6800 FAX: (561) 616-6811**

GENERAL CONDITIONS, INSTRUCTIONS AND INFORMATION

GENERAL CONDITIONS

1. GENERAL INFORMATION

Vendor is advised that this package constitutes the complete set of specifications, terms, and conditions which forms the binding contract between Palm Beach County and the vendor. Changes to this solicitation may be made only by written amendment issued by the County Purchasing Department. Vendor is further advised to closely examine every section of this document, to ensure that all sequentially numbered pages are present, and to ensure that it is fully understood. Questions or requests for explanations or interpretations of this document must be submitted to the Purchasing Department contact in writing. Vendor certifies that its response is made without reliance on any oral representations made by the County.

The County's performance and obligation to pay under this contract is contingent upon an annual appropriation by the Board of County Commissioners for subsequent fiscal years.

2. LEGAL REQUIREMENTS

- a. **COMPLIANCE WITH LAWS AND CODES:** Federal, State, County and local laws, ordinances, rules and regulations that in any manner affect the items covered herein apply. Lack of knowledge by the vendor shall in no way be a cause for relief from responsibility. The vendor shall strictly comply with Federal, State and local building and safety codes. Equipment shall meet all State and Federal Safety regulations. Vendor certifies that all products (materials, equipment, processes, or other items supplied in response to this solicitation) contained in its response meets all ANSI, NFPA and all other Federal and State requirements. Vendor further certifies that if the product delivered is subsequently found to be deficient in any of the aforementioned requirements in effect on date of delivery, all costs necessary to bring the product into compliance shall be borne by the vendor.

Any toxic substance provided to the County as a result of this solicitation or resultant contract shall be accompanied by its Safety Data Sheet (SDS).

The Uniform Commercial Code (Florida Statutes, Chapter 672) shall prevail as the basis for contractual obligations between the vendor and Palm Beach County for any terms and conditions not specifically stated in the solicitation.

- b. **DISCRIMINATION PROHIBITED:** Palm Beach County is committed to assuring equal opportunity in the award of contracts and complies with all laws prohibiting discrimination. Pursuant to Palm Beach County Resolution R-2017-1770, as may be amended, the vendor warrants and represents that throughout the term of the contract, including any renewals thereof, all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, gender identity or expression, or genetic information. Failure to meet this requirement shall be considered a default of contract.
- c. **INDEPENDENT CONTRACTOR RELATIONSHIP:** The vendor is, and shall be, in the performance of all work, services, and activities under this Contract, an Independent Contractor and not an employee, agent, or servant of the County. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the vendor's sole direction, supervision, and control. The vendor shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the vendor's relationship, and the relationship of its employees, to the County shall be that of an Independent Contractor and not as employees or agents of the County.
- d. **CRIMINAL HISTORY RECORDS CHECK ORDINANCE:** Pursuant to Palm Beach County Code Section 2-371 through 2-377, the Palm Beach County Criminal History Records Check Ordinance ("Ordinance"), the County will conduct fingerprint based criminal history record checks on all persons not employed by the County who repair, deliver, or provide goods or services for, to, or on behalf of the County. A fingerprint based criminal history record check shall be conducted on all employees of vendors, contractors, and

subcontractors of contractors, including repair persons and delivery persons, who are unescorted when entering a facility determined to be either a critical facility ("Critical Facilities") or a criminal justice information facility ("CJI Facilities"), which are critical to the public safety and security of the County. County facilities that require this heightened level of security are identified in Resolution R-2003-1274, as amended. In October 2013, compliance with the requirements of the U. S. Federal Bureau of Investigations CJI Security Policy was added to the Ordinance, which includes a broad list of disqualifying offenses. The vendor is solely responsible for understanding the financial, schedule, and/or staffing implications of this Ordinance. Further, the vendor acknowledges that its bid price includes any and all direct or indirect costs associated with compliance of with this Ordinance, except for the applicable FDLE/FBI fees that shall be paid by the County.

- e. **PUBLIC ENTITY CRIMES:** F.S. 287.133 requires Palm Beach County to notify all vendors of the following: "A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a response on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in F.S. 287.017 for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."
- f. **NON-COLLUSION:** Vendor certifies that it has entered into no agreement to commit a fraudulent, deceitful, unlawful, or wrongful act, or any act which may result in unfair advantage for one or more vendors over other vendors. Conviction for the Commission of any fraud or act of collusion in connection with any sale, bid, quotation, proposal or other act incident to doing business with Palm Beach County may result in permanent debarment.
- No premiums, rebates or gratuities are permitted; either with, prior to or after any delivery of material or provision of services. Any such violation may result in award cancellation, return of materials, discontinuation of services, removal from the vendor bid list(s), and/or debarment or suspension from doing business with Palm Beach County.
- g. **CONFLICT OF INTEREST:** The vendor represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance or services required hereunder, as provided for in Chapter 112, Part III, Florida Statutes and the Palm Beach County Code of Ethics. The vendor further represents that no person having any conflict of interest shall be employed for said performance or services. Vendor shall disclose with their response the name of any officer, director, or agent who is also an employee or a relative of an employee of Palm Beach County. Further, vendor shall disclose the name of any County employee or relative of a County employee who owns, directly or indirectly, an interest of ten percent (10%) or more in the vendor's firm or any of its branches.
- h. **SUCCESSORS AND ASSIGNS:** The County and the vendor each binds itself and its successors and assigns to the other party in respect to all provisions of this Contract. Neither the County nor the vendor shall assign, sublet, convey or transfer its interest in this Contract without the prior written consent of the other.
- i. **INDEMNIFICATION:** Regardless of the coverage provided by any insurance, the vendor shall indemnify, save harmless and defend the County, its agents, servants, or employees from and against any and all claims, liability, losses and/or causes of action which may arise from any negligent act or omission of the vendor, its subcontractors, agents, servants or employees during the course of performing services or caused by the goods provided pursuant to this solicitation and/or resultant contract.
- j. **PUBLIC RECORDS, ACCESS AND AUDITS:** The vendor agrees that copies of any and all property, work product, documentation, reports, computer systems and software, schedules, graphs, outlines, books, manuals, logs, files, deliverables, photographs, videos, tape recordings or data relating to the Contract which have been created as a part of the

vendor's services or authorized by the COUNTY as a reimbursable expense, whether generated directly by the vendor, or by or in conjunction or consultation with any other party whether or not a party to the Contract, whether or not in privity of contract with the COUNTY or the vendor, and wherever located shall be the property of the COUNTY.

Any material submitted in response to this solicitation is considered a public document in accordance with Section 119.07, F.S. This includes material which the vendor might consider to be confidential. All submitted information that the vendor believes to be confidential and exempt from disclosure (i.e., a trade secret or as provided for in Section 119.07 and Section 812.081, F.S.) must be specifically identified as such. Upon receipt of a public records request for such information, a determination will be made as to whether the identified information is, in fact, confidential.

The vendor shall maintain records related to all charges, expenses, and costs incurred in estimating and performing the work for at least three (3) years after completion or termination of this Contract. The County shall have access to such records as required in this Section for the purpose of inspection or audit during normal business hours, at the vendor's place of business.

Notwithstanding anything contained herein, as provided under Section 119.0701, F.S., if the Vendor: **(i) provides a service; and (ii) acts on behalf of the County as provided under Section 119.011(2), F.S.**, the Vendor shall comply with the requirements of Section 119.0701, Florida Statutes, as it may be amended from time to time. The Vendor is specifically required to:

- 1) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the service;
- 2) Upon request from the County's Custodian of Public Records ("County's Custodian") or the County's representative/liaison, on behalf of the County's Custodian, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 or as otherwise provided by law. The Vendor further agrees that all fees, charges and expenses shall be determined in accordance with Palm Beach County PPM CW-F-002, Fees Associated with Public Records Requests, as it may be amended or replaced from time to time.
- 3) Ensure that public records that are exempt, or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the Contract, if the Vendor does not transfer the records to the public agency. Nothing contained herein shall prevent the disclosure of or the provision of records to the County.
- 4) Upon completion of the Contract, the Vendor shall transfer, at no cost to the County, all public records in possession of the Vendor unless notified by the County's representative/liaison, on behalf of the County's Custodian, to keep and maintain public records required by the County to perform the service. If the Vendor transfers all public records to the County upon completion of the Contract, the Vendor shall destroy any duplicate public records that are exempt, or confidential and exempt from public records disclosure requirements. If the Vendor keeps and maintains public records upon completion of the Contract, the Vendor shall meet all applicable requirements for retaining public records. All records stored electronically by the Vendor must be provided to County, upon request of the County's Custodian or the County's representative/liaison, on behalf of the County's Custodian, in a format that is compatible with the information technology systems of the County, at no cost to the County.

Vendor acknowledges that it has familiarized itself with the requirements of Chapter 119, F. S., and other requirements of state law applicable to public records not specifically set forth herein. Failure of the Vendor to comply with the requirements of this Section, Chapter 119, F.S. and other applicable requirements of state law, shall be a material breach of this Contract. The County shall have the right to exercise any and all remedies available to it for breach of contract, including but not limited to, the right to terminate for cause.

IF THE VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF

CHAPTER 119, FLORIDA STATUTES, TO THE VENDOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, PLEASE CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT RECORDS REQUEST, PALM BEACH COUNTY PUBLIC AFFAIRS DEPARTMENT, 301 N. OLIVE AVENUE, WEST PALM BEACH, FL 33401, BY E-MAIL AT RECORDSREQUEST@PBCGOV.ORG OR BY TELEPHONE AT 561-355-6680.

k. **INCORPORATION, PRECEDENCE, JURISDICTION, GOVERNING LAW:** This solicitation shall be included and incorporated in the final award. The order of contractual precedence shall be the solicitation document (original terms and conditions), response, and purchase order or term contract order. Any and all legal action necessary to enforce the award or the resultant contract shall be governed by the laws of the State of Florida. Any legal action necessary to enforce the award or the resultant contract will be held in a court of competent jurisdiction located in Palm Beach County, Florida.

l. **LEGAL EXPENSES:** The County shall not be liable to a vendor for any legal fees, court costs, or other legal expenses arising from the interpretation or enforcement of this contract, or from any other matter generated by or relating to this contract.

m. **NO THIRD PARTY BENEFICIARIES:** No provision of this Contract is intended to, or shall be construed to, create any third party beneficiary or to provide any rights to any person or entity not a party to this Contract, including but not limited to any citizen or employees of the County and/or vendor.

n. **SCRUTINIZED COMPANIES:**

1) **SCRUTINIZED COMPANIES:**

As provided in F.S. 287.135, by entering into this Contract or performing any work in furtherance hereof, the Vendor certifies that it, its affiliates, suppliers, subcontractors and consultants who will perform hereunder, have not been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, pursuant to F.S. 215.4725.

If the County determines, using credible information available to the public, that a false certification has been submitted by Vendor, the resulting Contract from this Sole Source solicitation may be terminated and a civil penalty equal to the greater of \$2 million or twice the amount of this Contract shall be imposed, pursuant to F.S. 287.135. Said certification must also be submitted at the time of Contract renewal.

2) **SCRUTINIZED COMPANIES (WHEN CONTRACT VALUE IS GREATER THAN \$1 MILLION):**

As provided in F.S. 287.135, by entering into a Contract or performing any work in furtherance hereof, the Vendor certifies that it, its affiliates, suppliers, subcontractors and consultants who will perform hereunder, have not been placed on the Scrutinized Companies With Activities in Sudan List or Scrutinized Companies With Activities in The Iran Petroleum Energy Sector List created pursuant to F.S. 215.473, or is engaged in business operations in Cuba or Syria.

If the County determines, using credible information available to the public, that a false certification has been submitted by Vendor, the resulting Contract from this Sole Source solicitation may be terminated and a civil penalty equal to the greater of \$2 million or

twice the amount of this Contract shall be imposed, pursuant to F.S. 287.135. Said certification must also be submitted at the time of Contract renewal.

3. **SUBMISSION OF RESPONSE:** Response must be submitted on the provided Sole Source "Response" Form. Responses on vendor letterhead/quotation forms shall not be accepted. Responses must be signed by an agent of the company having authority to bind the company or firm. FAILURE TO SIGN THE RESPONSE FORM AT THE INDICATED PLACE(S) SHALL BE CAUSE FOR REJECTION OF THE RESPONSE. Responses are to be submitted to the Palm Beach County Purchasing Department representative no later than the time indicated herein.

a. **CERTIFICATIONS, LICENSES AND PERMITS:** Unless otherwise directed in the Special Conditions of this solicitation, vendor should include with its response a copy of all applicable Certificates of Competency issued by the State of Florida or the Palm Beach County Construction Industry Licensing Board in the name of the vendor shown on the response page. It shall also be the responsibility of the vendor to maintain a current Local Business Tax Receipt (Occupational License) for Palm Beach County and all permits required to complete this contractual service at no additional cost to Palm Beach County. A Palm Beach County Local Business Tax Receipt (Occupational License) is required unless specifically exempted by law. In lieu of a Palm Beach County Local Business Tax Receipt (Occupational License), the vendor should include the current Local Business Tax Receipt (Occupational License) issued to the vendor in the response. It is the responsibility of the vendor to ensure that all required certifications, licenses and permits are maintained in force and current throughout the term of the contract. Failure to meet this requirement shall be considered default of contract.

b. **PERFORMANCE DURING EMERGENCY:** By submitting a response, vendor agrees and promises that, immediately preceding, during and after a public emergency, disaster, hurricane, flood, or act of God, Palm Beach County shall be given "first priority" for all goods and services under this contract. Vendor agrees to provide all goods and services to Palm Beach County immediately preceding, during and after a public emergency, disaster, hurricane, flood, or act of God, at the terms, conditions, and prices as provided in this solicitation on a "first priority" basis. Vendor shall furnish a 24-hour phone number to the County. Failure to provide the goods or services to the County on a first priority basis immediately preceding, during and after a public emergency, disaster, hurricane, flood, or act of God, shall constitute breach of contract and subject the vendor to sanctions from doing further business with the County.

c. **SALES PROMOTIONS / PRICE REDUCTIONS / MOST FAVORED CUSTOMER:** Should sales promotions occur during the term of the contract that lower the price of the procured item, the vendor shall extend to the County the lower price offered by the manufacturer on any such promotional item. Further, any price decreases effectuated during the contract period by reason of market change or otherwise, shall be passed on to Palm Beach County. Additionally, anytime after award, the vendor may offer a reduced price which shall remain in effect for the duration of the contract. The vendor warrants that the price(s) shall not exceed the vendor's price(s) extended to its most favored customer for the same or similar goods or services in similar quantities, or the current market price, whichever is lower. In the event the vendor offers more favorable pricing to one of its customer(s), the vendor shall extend to the County the same pricing or the then current market price, whichever is lower.

4. CONTRACT ADMINISTRATION

a. **DELIVERY AND ACCEPTANCE:** Deliveries of all items shall be made as soon as possible. Deliveries resulting from this solicitation are to be made during the normal working hours of the County. Time is of the essence and delivery dates must be met. The vendor shall be responsible for making any and all claims against carriers for missing or damaged items.

Delivered items shall not be considered "accepted" until an authorized agent for Palm Beach County has, by inspection or test of such items, determined that they appear to fully comply with specifications. The Board of County Commissioners may return, at the expense of the

vendor and for full credit, any item(s) received which fail to meet the performance standards.

b. **FEDERAL AND STATE TAX:** Palm Beach County is exempt from Federal and State taxes. The authorized agent for Purchasing shall provide an exemption certificate to the vendor, upon request. Vendors are not exempted from paying sales tax to their suppliers for materials to fulfill contractual obligations with the County, nor are vendors authorized to use the County's Tax Exemption Number in securing such materials. Any sales tax paid by vendors to their suppliers for materials to fulfill contractual obligations with the County are not reimbursable by the County to the vendor.

c. **PAYMENT:** In order for Palm Beach County to make payment, the Vendor's Legal Name; Vendor's Address; and Vendor's TIN/FEIN Number on the Vendor's response must be exactly the same as it appears on the invoice and in Palm Beach County's VSS system which can be accessed at <https://pbcvssp.co.palm-beach.fl.us/webapp/vssp/AltSelfService>. Vendor shall send ALL ORIGINAL invoices to the following address and may send copies of invoices to the Palm Beach County Department requesting the goods/services. Invoices submitted on carbon paper shall not be accepted.

**PALM BEACH COUNTY
FINANCE DEPT.
P.O. BOX 4036
WEST PALM BEACH, FL 33402-4036**

Payment shall be made by the County after goods / services have been received, accepted and properly invoiced as indicated in the contract and / or order. Invoices must bear the order number. The Florida Prompt Payment Act is applicable to this solicitation. Interest penalties will only be paid in accordance with the Florida Prompt Payment Act, Florida Statute 218.70.

Note: Palm Beach County Vendors can now be paid by Credit Card via the County's voluntary Payment Manager Program. For vendors who don't have a merchant account, one is needed to utilize the Program. For vendors with a merchant account, you will need to enroll with the Palm Beach County Clerk & Comptroller's office. For information, contact the Palm Beach County Clerk & Comptroller at pbcpaymentmgr@mypalmbeachclerk.com.

d. **CHANGES:** The Director of Purchasing, Palm Beach County, by written notification to the vendor may make minor changes to the contract terms. Minor changes are defined as modifications which do not significantly alter the scope, nature, or price of the specified goods or services. Typical minor changes include, but are not limited to, place of delivery, method of shipment, minor revisions to customized work specifications, and administration of the contract. The vendor shall not amend any provision of the contract without written notification to the Director of Purchasing, and written acceptance from the Director of Purchasing or the Board of County Commissioners.

e. **DEFAULT:** The County may, by written notice of default to the vendor, terminate the contract in whole or in part if the vendor fails to satisfactorily perform any provisions of this solicitation or resultant contract, or fails to make progress so as to endanger performance under the terms and conditions of this solicitation or resultant contract, or provides repeated non-performance, or does not remedy such failure within a period of 10 days (or such period as the Director of Purchasing may authorize in writing) after receipt of notice from the Director of Purchasing specifying such failure. In the event the County terminates this contract in whole or in part because of default of the vendor, the County may procure goods and/or services similar to those terminated, and the vendor may be liable for any excess costs incurred due to this action.

If it is determined that the vendor was not in default or that the default was excusable (e.g., failure due to causes beyond the control of, or without the fault or negligence of, the vendor), the rights and obligations of the parties shall be those provided in "Termination for Convenience" as stated below.

f. **TERMINATION FOR CONVENIENCE:** The Director of Purchasing may, whenever the interests of the County so require, terminate the contract, in whole or in part, for the convenience of the County. The Director of Purchasing shall give five (5) days prior written notice of

termination to the vendor, specifying the portions of the contract to be terminated and when the termination is to become effective. If only portions of the contract are terminated, the vendor has the right to withdraw, without adverse action, from the entire contract.

Unless directed differently in the notice of termination, the vendor shall incur no further obligations in connection with the terminated work, and shall stop work to the extent specified and on the date given in the notice of termination. Additionally, unless directed differently, the vendor shall terminate outstanding orders and/or subcontracts related to the terminated work.

- g. REMEDIES:** No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder now or hereafter existing at law, or in equity, by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.
- h. RENEWAL OPTION:** The contract shall be for twelve (12) months with the option to renew for four (4) additional twelve (12) month periods. The option for renewal shall only be exercised upon verification of continued sole source status and upon mutual written agreement with all original terms and conditions adhered to with no deviations.

At the beginning of each of the four (4) twelve (12) month option periods, the County may consider a single annual price adjustment to the unit price(s) based on new pricing from the vendor.

Any renewal including subsequent price adjustments shall be subject to the appropriation of funds by the Board of County Commissioners.

**5. PALM BEACH COUNTY OFFICE OF THE INSPECTOR GENERAL
AUDIT REQUIREMENTS:**

Pursuant to Palm Beach County Code, Section 2-421 – 2-440, as amended, Palm Beach County's Office of Inspector General is authorized to review past, present and proposed County contracts, transactions, accounts, and records. The Inspector General's authority includes, but is not limited to, the power to audit, investigate, monitor, and inspect the activities of entities contracting with the County, or anyone acting on their behalf, in order to ensure compliance with contract requirements and to detect corruption and fraud. Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be a violation of Palm Beach County Code, Section 2-421 – 2-440, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second degree misdemeanor.

6. ANNUAL APPROPRIATIONS

The County's performance and obligation to pay under this contract is contingent upon an annual appropriation by the Board of County Commissioners for subsequent fiscal years.

7. CONFLICT OF INTEREST

Vendor represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance or services required by this contract as provided for in Chapter 112, Part III, Florida Statutes and the Palm Beach County Code of Ethics. Vendor further represents that no person having any conflict of interest shall be employed for said performance or services. Vendors shall disclose the name of any officer, director, or agent who is also an employee or a relative of an employee of Palm Beach County. Further, vendor shall disclose the name of any County employee or relative of a County employee who owns, directly or indirectly, an interest of ten percent (10%) or more in the vendor's firm or any of its branches.

THIS IS THE END OF "GENERAL CONDITIONS."

SPECIAL CONDITIONS

8. GENERAL/SPECIAL CONDITION PRECEDENCE

In the event of conflict between General Conditions and Special Conditions, the provisions of the Special Conditions shall have precedence.

9. CRIMINAL HISTORY RECORDS CHECK

This solicitation includes sites and/or buildings which have been designated as either "critical facilities" or "criminal justice information facilities" pursuant to Palm Beach County Code Section 2-371 through 2-377, the Palm Beach County Criminal History Records Check Ordinance ("Ordinance"), and Resolution R-2003-1274, as amended. County staff representing the User County Department will contact the vendor and provide specific instructions for meeting the requirements of this Ordinance. This provision applies to and must be adhered to by all vendors, contractors, and subcontractors of contractors, including repair persons and delivery persons, who are unescorted when entering critical facilities or criminal justice information facilities.

Individuals passing the background check will be issued a badge. Contractor shall make every effort to collect the badges of its employees and its subcontractors' employees upon conclusion of the contract work and return them to the County. If the contractor or its subcontractor terminates an employee who has been issued a badge, the Contractor must notify the County within two (2) hours. At the time of termination, the contractor shall retrieve the badge and return it to the County in a timely manner. The County reserves the right to suspend any Contractor that; 1) does not comply with the requirements of County Code Section 2-371 through 2-377 as amended; 2) does not contact the County regarding a terminated contractor employee or subcontractor employee within the stated time; or 3) fails to make a good faith effort in attempting to comply with the badge retrieval policy.

10. CATALOGS, MANUFACTURER SUGGESTED RETAIL PRICES (MSRP), ETC.

Upon request, the vendor shall supply at no charge current catalogs and/or MSRP's for all awarded manufacturers. The vendor shall update and keep all catalogs and MSRP's current throughout the term of the contract. When a revision to the manufacturer's catalog and/or MSRP occurs which includes the addition of new products within the scope of this solicitation, the discount and net price of the new products must be equal to or better than the discount and price of items originally included in this solicitation.

Upon award, the vendor shall supply one copy of the appropriate catalog(s) and/or MSRP to:

Palm Beach County Finance Department
Supervisor, Pre-Audit Division
P.O. Box 4036
West Palm Beach, Florida 33402-4036
(561) 355-3011

Note: All Catalogs and/or MSRP's shall clearly identify the term contract number and the vendor's name, address and telephone number. Additionally, catalogs and/or MSRP's created by the bidder, if not the manufacturer, will not satisfy this requirement.

11. INVOICES

When invoicing the County for goods purchased under this solicitation, the vendor must provide complete, accurate invoices which must include for every item purchased a unique catalog number, a definitive description, the catalog/list price, and the invoiced price. If the applicable catalog does not provide unique numbers, the description of the item must be sufficiently accurate to specifically identify the goods provided to the County. Example: Invoice shall include:

<u>Item #</u>	<u>Description</u>	<u>Part #</u>	<u>List Price</u>	<u>Discount</u>	<u>Discount Price</u>	<u>Qty</u>	<u>Total</u>
1.	Sony speaker	#123	\$50.00	50%	\$25.00	3	\$75.00

12. AUDIT

All items sold to Palm Beach County as a result of this award are subject to post sale audit adjustment. In the event an audit indicates the vendor has not honored quoted price lists and discounts, the vendor shall be liable for any and all overage charges, and may be considered in default of the contract.

13. TIME AND MATERIAL CONTRACT (MATERIAL PRICING)

The price to be paid for materials sold to Palm Beach County as a result of this award shall be based on the specified catalog or list price in effect when material is ordered, less all applicable discounts to the County, and that in no event shall the price exceed the bidder's sales price to its most favored customer for the same item in like quantity, or the current market price, whichever is lower. Any Federal or State taxes paid by the bidder to its suppliers for materials sold to Palm Beach County as a result of this award are not reimbursable by Palm Beach County to the vendor.

14. METHOD OF ORDERING (TERM CONTRACT)

A contract shall be issued for a term of twelve (12) months or until the estimated amount is expended, at the discretion of the County. The County will order on an "as needed" basis.

15. F.O.B. POINT

The F.O.B. point shall be destination. Exact delivery point will be indicated on the term contract delivery order (DO). Vendor retains title and assumes all transportation charges, responsibility, liability and risk in transit, and shall be responsible for the filing of claims for loss or damages.

16. AS SPECIFIED

A term contract delivery order (DO) will be issued to the vendor with the understanding that all services rendered and items delivered must meet the specifications herein. Palm Beach County will return, at the expense of the successful bidder, items not delivered as specified.

17. ESTIMATED EXPENDITURES

The anticipated term of the contract to be awarded as a result of this bid is for twelve (12) months. The anticipated value during the contract term is \$50,000. Palm Beach County reserves the right to increase or decrease the anticipated value as necessary to meet actual requirements, and to rebid for the contracted goods and services at any time after the anticipated value of the contract has been reached, notwithstanding that the anticipated term has not been completed.

18. WARRANTY

The vendor shall furnish factory/manufacture warranty on all equipment furnished hereunder against defect in materials and/or workmanship. The factory/manufacture warranty shall become effective on the date of delivery and acceptance by Palm Beach County. Should any defect in materials or workmanship, excepting ordinary wear and tear, appear during the above stated warranty period, the vendor shall repair or replace same at no cost to Palm Beach County.

19. WORK SITE SAFETY/SECURITY

The vendor shall at all times guard against damage or loss to the property of Palm Beach County, the vendor's own property, and/or that of other contractors, and shall be held responsible for replacing or repairing any such loss or damage. When applicable, the vendor shall provide fences, signs, barricades, flashing lights, etc. necessary to protect and secure the work site(s) and insure that all County, State of Florida, OSHA, and other applicable safety regulations are met. Additionally, vendor shall provide for the prompt removal of all debris from Palm Beach County property. Palm Beach County may withhold payment or make such deductions as deemed necessary to ensure reimbursement or replacement for loss or damage to property through negligence of the vendor or its agents.

20. INSURANCE REQUIRED

It shall be the responsibility of the vendor to provide evidence of the following minimum amounts of insurance coverage to Palm Beach County, c/o Purchasing Department, 50 So. Military Trail, Suite 110, West Palm Beach, FL 33415. Subsequently, the vendor shall, during the term of the Contract, and prior to each renewal thereof, provide evidence of insurability to Palm Beach County Purchasing prior to the expiration date of each and every insurance required herein.

Commercial General Liability Insurance. Vendor shall maintain Commercial General Liability Insurance, or similar form, at a limit of liability not less than \$500,000 Each Occurrence for Bodily Injury, Personal Injury and Property Damage Liability. Coverage shall include Premises and/or Operations, Independent Contractors, Products and/or Completed Operations, Personal Injury/Advertising Liability, Contractual Liability and Broad Form Property Damage coverages. Coverage for the hazards of explosion, collapse and underground property damage (X-C-U) must also be included when applicable to the work to be performed. **This coverage shall be endorsed to include Palm Beach County as an Additional Insured.**

Business Auto Liability Insurance. Vendor shall maintain Business Auto Liability Insurance at a limit of liability not less than \$500,000 Combined Single Limit Each Accident for all owned, non-owned, and hired automobiles. (In this context, the term "Autos" is interpreted to mean any land motor vehicle, trailer or semi trailer designed for travel on public roads.) In the event vendor neither owns nor leases automobiles, the Business Auto Liability requirement shall be amended allowing vendor to maintain only Hired & Non-Owned auto Liability and shall provide either an affidavit or a letter on company letterhead signed by the vendor indicating either the vendor does not own any vehicles, and if vehicles are acquired throughout the term of the contract, vendor agrees to purchase "Owned Auto" coverage as of the date of acquisition. This amended requirement may be satisfied by way of endorsement to the Commercial General Liability, or separate Business Auto coverage form.

Bailment, Motor Truck Cargo or Similar Insurance: Motor Truck Cargo, In-Transit, and/or similar Bailees Customers coverage **designed specifically for cargo in transit**, shall have minimum limits of **\$100,000** per occurrence and be provided under a Special - Cause of Loss Form including theft, collision and upset. Coverage shall include protection at Vendor's place of domicile including In-Transit protection on a primary/direct basis. Vendor shall agree by responding to the bid to waive it, including its insurer's, rights of recovery against the County with a Waiver of Subrogation endorsement to the policy(s).

Workers' Compensation and Employer's Liability Insurance. Vendor shall maintain Workers' Compensation & Employer's Liability Insurance in accordance with Florida Statute Chapter 440.

A signed Certificate or Certificates of Insurance, evidencing that required insurance coverages have been procured by the vendor in the types and amounts required hereunder shall be transmitted to the County via the Insurance Company/Agent within a time frame specified by the County (normally within 2 working days of request). Failure to provide required insurance shall render your bid non responsive.

Except as to Business Auto, Workers' Compensation and Employer's Liability (and Professional liability, when applicable), said Certificate(s) shall clearly confirm that coverage required by the contract has been endorsed to include Palm Beach County as an Additional Insured.

Said Certificate(s) of Insurance shall, to the extent allowable by the insurer, include a minimum thirty (30) day endeavor to notify due to cancellation (10 days for nonpayment of premium) or non-renewal of coverage. The Certificate Holder shall read: Said Certificate(s) of Insurance shall, to the extent allowable by the insurer, include a minimum thirty (30) day endeavor to notify due to cancellation (10 days for nonpayment of premium) or non-renewal of coverage. The Certificate Holder shall read:

Palm Beach County Board of County Commissioners
Purchasing Department
50 So. Military Trail, Suite 110
West Palm Beach, FL 33415

It is the responsibility of the vendor to ensure that all required insurance coverages are maintained in force throughout the term of the contract. Failure to maintain the required insurance shall be considered default of contract.

All insurance must be acceptable to and approved by County as to form, types of coverage and acceptability of the insurers providing coverage.

Vendor shall agree that all insurance coverage required herein shall be provided by Vendor to County on a primary basis.

**SOLE SOURCE SPECIFICATIONS
SOLICITATION #SS700172/KP**

FURNITURE AND SHELVING, LIBRARY, DELIVERY AND INSTALLATION OF, TERM CONTRACT

PURPOSE AND INTENT

The sole purpose and intent of this sole source solicitation is to establish a term contract for the purchase of library furniture and shelving to include delivery, installation, and spacing at various library locations throughout Palm Beach County including locations within the Glades area.

GENERAL

Vendor shall provide library furniture and shelving, including but not limited to, replacement parts, upholstery, any/all related products, installation, design solutions and spacing for the following manufacturer's product lines:

1. Agati Furniture
2. Brodart Co.
3. Borroughs Corporation

All services shall be completed in accordance with accepted industry and safety standards, following the original factory/manufacturer's requirements and specifications for delivery and installation.

COUNTY'S RESPONSIBILITIES

The County shall:

- Conduct a site inspection for each installation project to identify the type of items/services required at the location in which the service is to be performed.
- Provide a County representative to assist the vendor in the coordination of the project through its completion.
- Approve space planning and design fees in writing prior to any services being performed by the vendor.
- Schedule services so as to maintain the efficient and safe working conditions of County personnel, buildings, and site operations.
- Reserve the right to require the removal of any of the successful vendor's employees from the project, if in the County's judgment, such removal is necessary to protect the County's interest.
- Inspect the project upon completion to ensure the work is acceptable.
- Order on an as needed basis.

VENDOR'S RESPONSIBILITIES

Vendor shall:

- Coordinate all activities with the designated County representative.
- Provide the designated County representative with a separate detailed quote for services/items before the start of any project. If, after the project starts, additional work is necessary, the vendor shall obtain approval from the designated County representative before proceeding.
- Complete all work to the satisfaction of the designated County representative.
- Adhere to all terms, conditions and requirements of this solicitation.

CATALOG AND PRICE LISTS

FURNITURE AND SHELVING, LIBRARY, DELIVERY AND INSTALLATION OF, TERM CONTRACT

ITEM NO.	DESCRIPTION	SINGLE FIXED PERCENTAGE (%) DISCOUNT FROM CURRENT MANUFACTURER'S SUGGESTED RETAIL PRICE (MSRP) LIST
1.	AGATI FURNITURE	30 %
2.	BRODART CO.	35 %
3.	BORROUGHS CORPORATION	20 %

Acknowledge Criminal History Records Check requirement, per Term #9?

YES/INITIAL AJK

Acknowledge Insurance requirements, per Term #20?

YES/INITIAL AJK

*** PLEASE AFFIX SIGNATURE WHERE INDICATED**

By signature on this document, vendor acknowledges and agrees that its offer includes and accepts all terms, conditions, and specifications of the County's solicitation, without exception, change or alteration of any kind, except as may have been amended by the County prior to the due date of this solicitation.

FIRM NAME: (Enter the entire legal name of the bidding entity)

R. GEORGE & ASSOCIATES, INC.

DATE:

09/06/2019

* SIGNATURE: *Aaron J. Kemble*

PRINT NAME: AARON J. KEMBLE

PRINT TITLE: PRESIDENT

ADDRESS: P. O. BOX 2854

CITY / STATE: DELAND, FL

ZIP CODE: 32721-2854

TELEPHONE # (386) 736-2326

E-MAIL: aaron@rgeorge.com

EMERGENCY # (561) 441-4922
(as required herein)

FAX #: (386) 736-3706

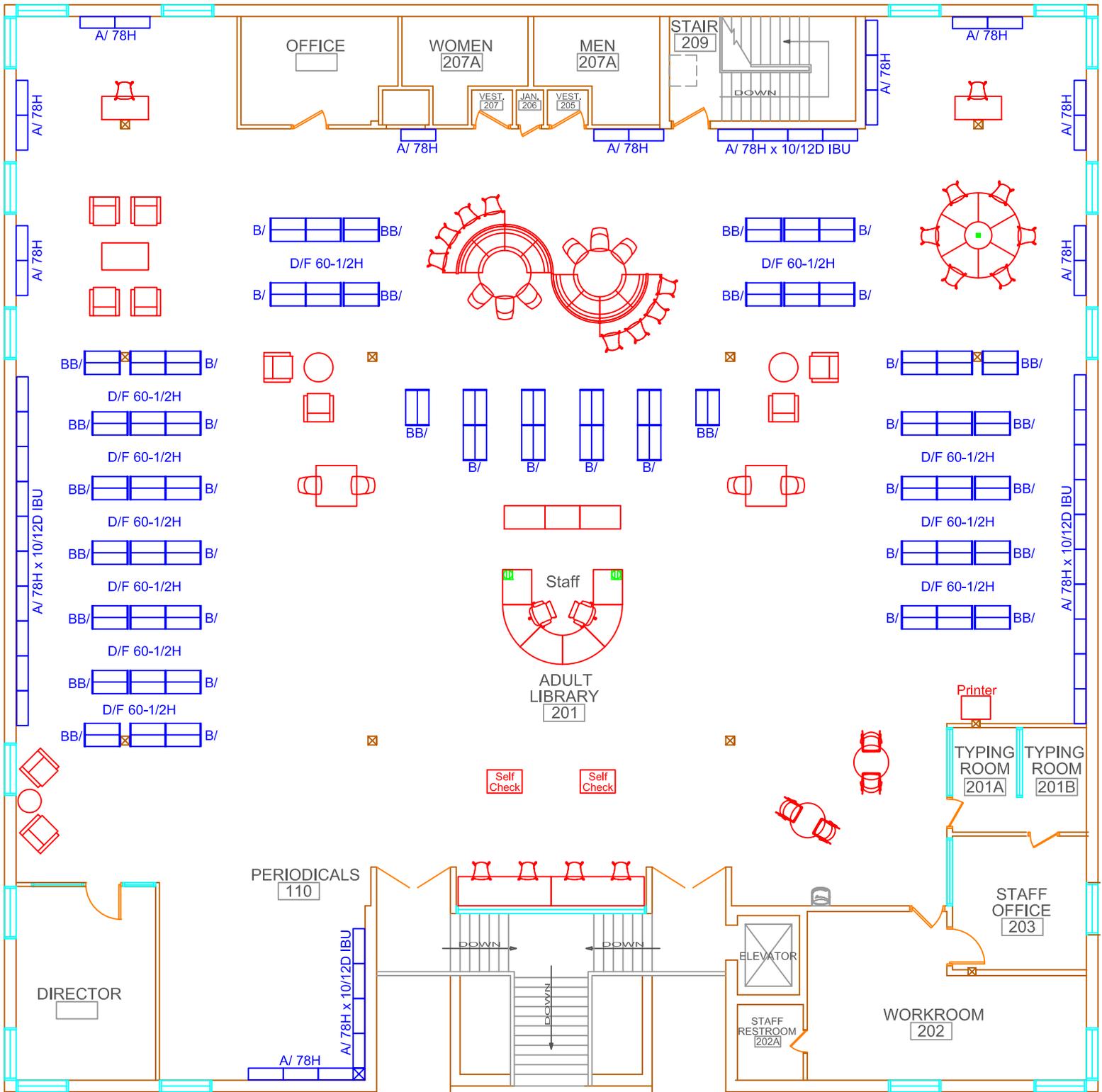
TOLL FREE # (866) 833-3441

APPLICABLE

LICENSE(S)
NUMBER # 198906050008

TYPE: Volusia County Business License

FEDERAL ID # 59-2954122



North Palm Beach Library
Palm Beach County

(Future Layout)

R. George & Associates, Inc.
File: North Palm Beach 02/28/22







**VILLAGE OF NORTH PALM BEACH
VILLAGE MANAGER'S OFFICE**

TO: Honorable Mayor and Council

FROM: Andrew D. Lukasik, Village Manager

DATE: June 9, 2022

SUBJECT: **RESOLUTION – Amendment of the Organizational Chart and Pay Plan in the FY2022 Operating Budget**

Village staff is recommending a series of changes to the current fiscal year's budget, specifically to the organizational chart, in order to improve service delivery. The following changes are being proposed:

- Elimination of the Streets and Stormwater Manager and the Solid Waste Manager positions and the creation of the Field Operations Manager and the Facility Manager positions. Also, the addition of a part-time Facilities Maintenance Technician. All of these positions are in the Department of Public Works.
- Elimination of the Administrative Coordinator position in the Clerk's Office and the creation of the Code Compliance Assistant in the Department of Community Development.
- Replacing the existing Accounting Clerk position with an Accountant position in the Country Club Budget.

Proposed Organizational Changes:

The following will describe the organizational changes being proposed as part of the budget amendment.

Public Works:

In FY 2022, the Public Works Department initiated a reorganization. The Department is now comprised of five (5) Divisions: Public Works Administration; Facilities; Fleet Maintenance; Streets and Stormwater Maintenance; and Solid Waste. Over the course of this fiscal year, the management team has had an opportunity to evaluate the operation and how it should function.

With the retirement of Streets and Stormwater Manager Ken Hern, the Department's leadership team reevaluated the departments function and operational needs. The Department recommends combining the Streets and Stormwater/Solid Waste Divisions thereby eliminating the Streets and Stormwater Manager and Solid Waste Manager positions and creating a Field Operations Manager that would oversee both divisions. Under this reorganization of the Department, it is anticipated that current Solid Waste Manager Marc Holloway will serve as the Field Operations Manager. The Field Operations Manager will be responsible for coordinating services provided by Village staff and contractors as well as monitoring and guiding construction projects (sidewalks, streets and stormwater). The Field Operations Manager will be working closely with the Assistant Director of Public Works, a Professional Engineer, in the development and implementation of construction projects.

Additionally, this reorganization requires the creation of a Facility Manger position to assist in operations, capital, contract management and administrative functions associated with the maintenance of Village buildings. This function was initially assigned to the Assistant Director of Public Works. However, given the volume of work associated with the proper maintenance of the

Village's buildings, it is important to have a position dedicated to this function. This allows the Assistant Director of Public Works to focus on infrastructure projects and support the proposed Field Operations Manager.

Further, it is proposed that the Facilities Division add one (1) part-time Facilities Maintenance Technician position to address handyman functions. The Village has attempted to secure contractors to complete this type of work. However, staff has not been successful identifying contractors to date. This will not increase the budget as funding allocated for contractual services will be used to offset the part-time employee costs.

Although the Field Operations Manager will be reclassified to a higher pay grade (from 116 to 118), there is no immediate impact on the operating budget. Also, the Facilities Manager position will be located at pay grade 115 while the Facilities Maintenance Technician will be at pay grade 109.

Village Clerk's Office/Community Development Department:

With the recent resignation of former Deputy Clerk Tammy Held, the Village Clerk's Office's functions have been restructured. In short, the Deputy Village Clerk has had primary responsibility for the management of the Special Magistrate process for Code Compliance. The Deputy Clerk was responsible for managing the agendas, issuing public notices, preparing orders for review and execution by the Special Magistrate, managing and tracking code violation records and other associated activities. Because the assignment of these duties to the Clerk's Office has been disconnected from the Code Compliance Division, which is part of the Community Development Department, it is recommended that a position in the Clerk's Office, the Administrative Coordinator, be eliminated and a Code Compliance Assistant position, to be housed in the Community Development Department, be created.

There is no immediate budgetary impact. The Deputy Clerk position, because of the reassignment of its Special Magistrate responsibilities, will be reclassified from pay grade 114 to pay grade 113. The Code Compliance Assistant position will be the same grade as the Village's Administrative Assistant position (pay grade 108).

Country Club Accounting Functions:

The Country Club has routinely budgeted for an Accounting Clerk position that is physically housed with employees in the Finance Department.

As the Country Club functions become more complex due to the need for greater financial analysis, the Accounting Clerk position needs to be reclassified to an Accountant due to the duties and responsibilities above and beyond those encompassed in the current role. This function is no longer clerical in nature and requires a more thorough knowledge of the accounting cycle and accounting techniques as well as critical thinking skills to evaluate data, analyze problems and implement solutions. This is important as the General Manager, and the Golf Pro, require regular financial updates to track the Club's financial performance in order to make adjustments operationally or recommended changes to the fee structure.

The Accountant position will be classified at a higher pay grade (from 108 to 113). However, there is no immediate impact on the operating budget.

Recommendation:

Village Staff requests Council consideration and approval of the attached Resolution amending the Organizational Chart and Pay Plan in the FY2022 Operating Budget.

RESOLUTION 2022-_____

A RESOLUTION OF THE VILLAGE COUNCIL OF THE VILLAGE OF NORTH PALM BEACH, FLORIDA AMENDING THE ORGANIZATIONAL CHARTS AND COMPREHENSIVE PAY PLAN ADOPTED AS PART OF THE FISCAL YEAR 2022 BUDGET TO IMPROVE SERVICE DELIVERY; REVISING POSITIONS WITHIN THE PUBLIC WORKS DEPARTMENT, THE VILLAGE CLERK'S OFFICE, THE COMMUNITY DEVELOPMENT DEPARTMENT AND THE COUNTRY CLUB; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, through the adoption of Ordinance No. 2021-17 ("Budget Ordinance") on September 23, 2021, the Village Council adopted Organizational Charts and a Comprehensive Pay Plan as part of the annual budget for Fiscal Year 2022; and

WHEREAS, Section 5 of the Budget Ordinance authorizes the Village Council to revise the Comprehensive Pay Plan by Resolution during the course of the Fiscal Year; and

WHEREAS, at the recommendation of Village Staff and in order to improve service delivery, the Village Council wishes to amend the Comprehensive Pay Plan and Organizational Chart to: eliminate two full-time positions in the Public Works Department and create two additional full-time and one additional part-time position; eliminate a position within the Village Clerk's Office and create a new position within the Community Development Department; and replace a position within the Country Club; and

WHEREAS, the Village Council determines that the adoption of this Resolution is in the best interests of the Village and its residents.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE COUNCIL OF THE VILLAGE OF NORTH PALM BEACH, FLORIDA as follows:

Section 1. The foregoing recitals are ratified as true and incorporated herein.

Section 2. The Village Council hereby amends the Comprehensive Pay Plan for Fiscal Year 2022 as follows:

Public Works Department

Eliminate the full-time Streets and Stormwater Manager and Solid Waste Manager positions and create a full-time Field Operations Manager position at Pay Grade 118 and a full-time Facilities Manager position at Pay Grade 115.

Create a new part-time Facilities Maintenance Technician position at Pay Grade 109.

Village Clerk's Office

Eliminate the full-time Administrative Coordinator position.

Reclassify the Deputy Village Clerk position from Pay Grade 114 to 113.

Community Development Department

Create a new full-time Code Compliance Assistant position at Pay Grade 108.

Country Club

Eliminate the full-time Accounting Clerk position and create a new full-time Accountant position at Pay Grade 113.

The Village Council hereby adopts the revised Organizational Charts incorporating these changes, copies of which are attached hereto and incorporated herein by reference.

Section 3. All other provisions of the Organizational Charts and the Comprehensive Pay Plan, to the extent not specifically modified herein, shall remain in full force and effect.

Section 4. This Resolution shall take effect immediately upon its adoption.

PASSED AND ADOPTED THIS ____ DAY OF _____, 2022.

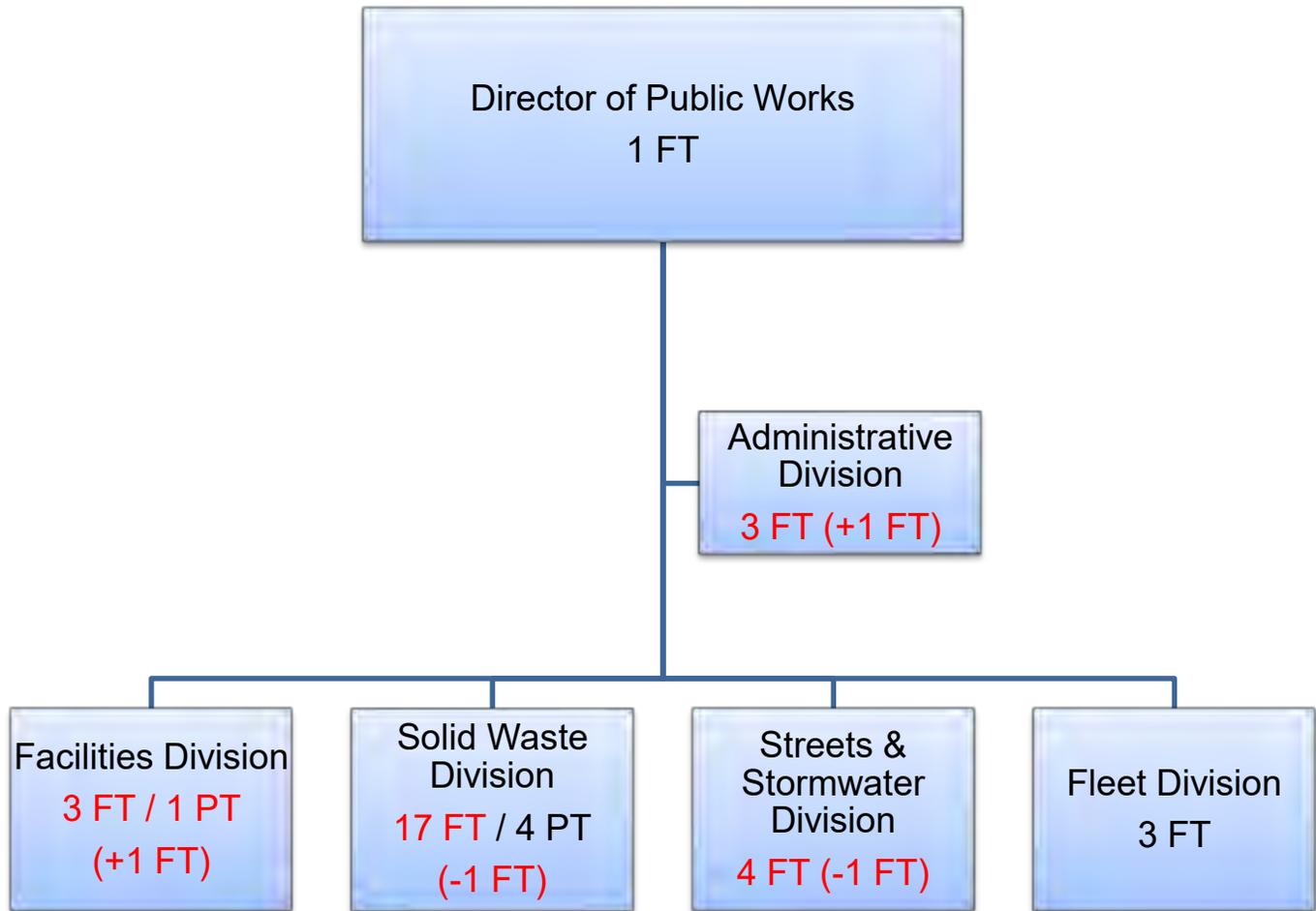
(Village Seal)

MAYOR

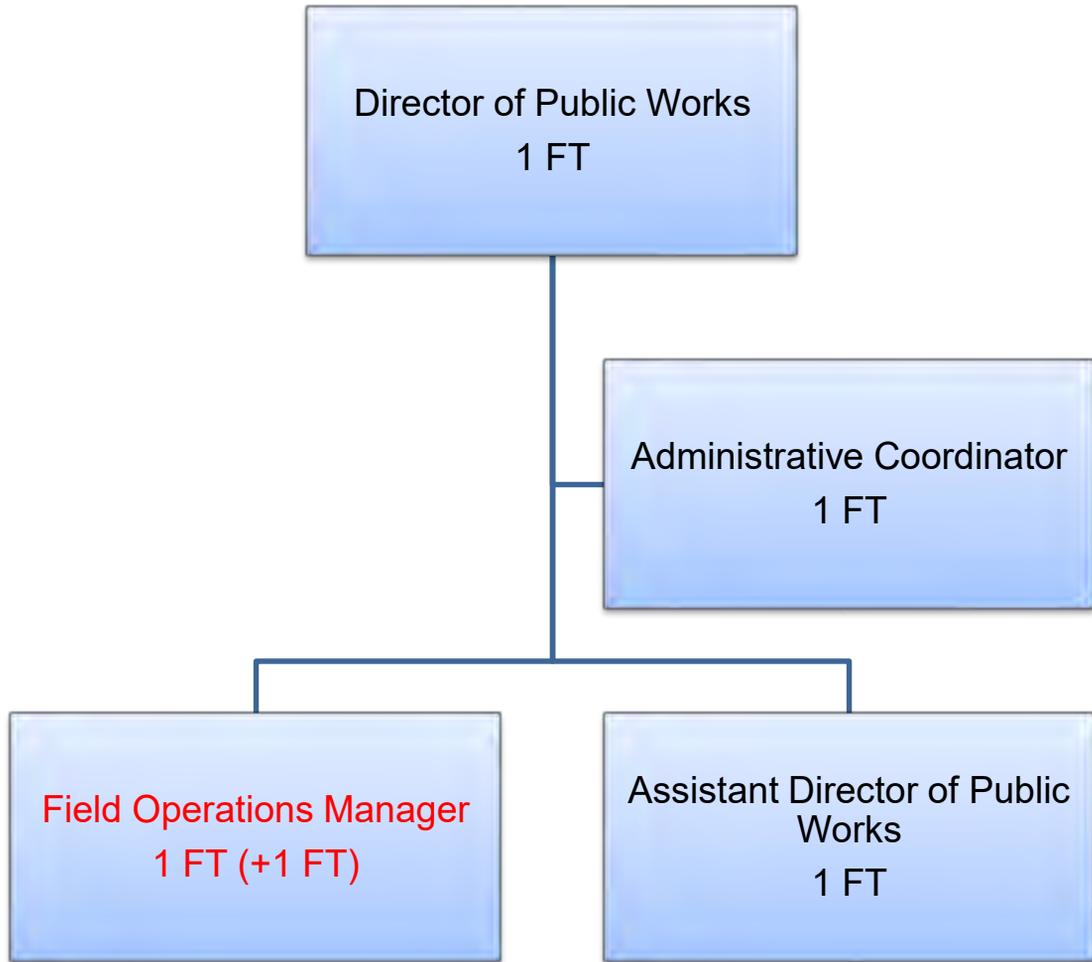
ATTEST:

VILLAGE CLERK

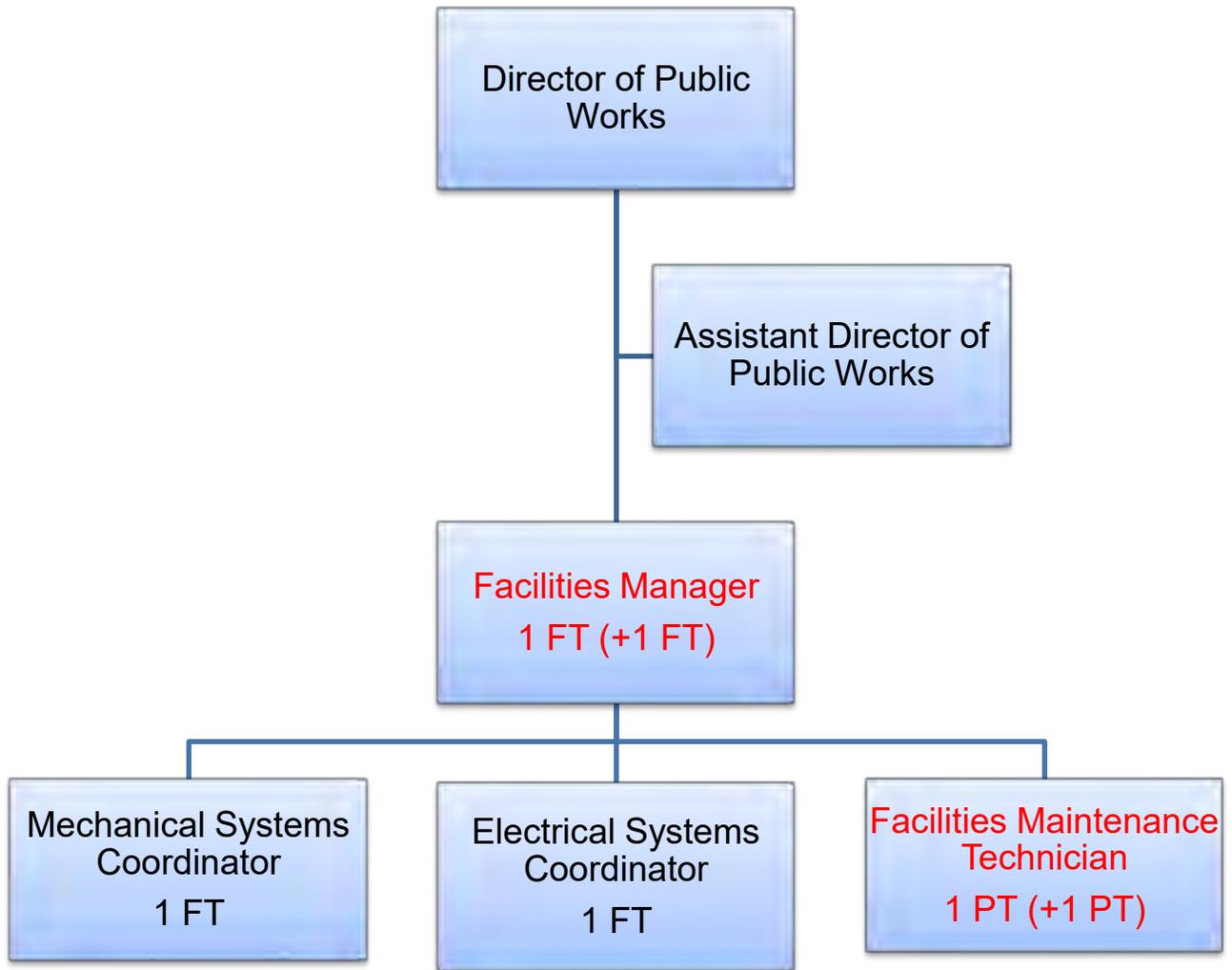
This is a combined organization chart for Public Works. Please refer to the organization charts provided for each division in the following pages



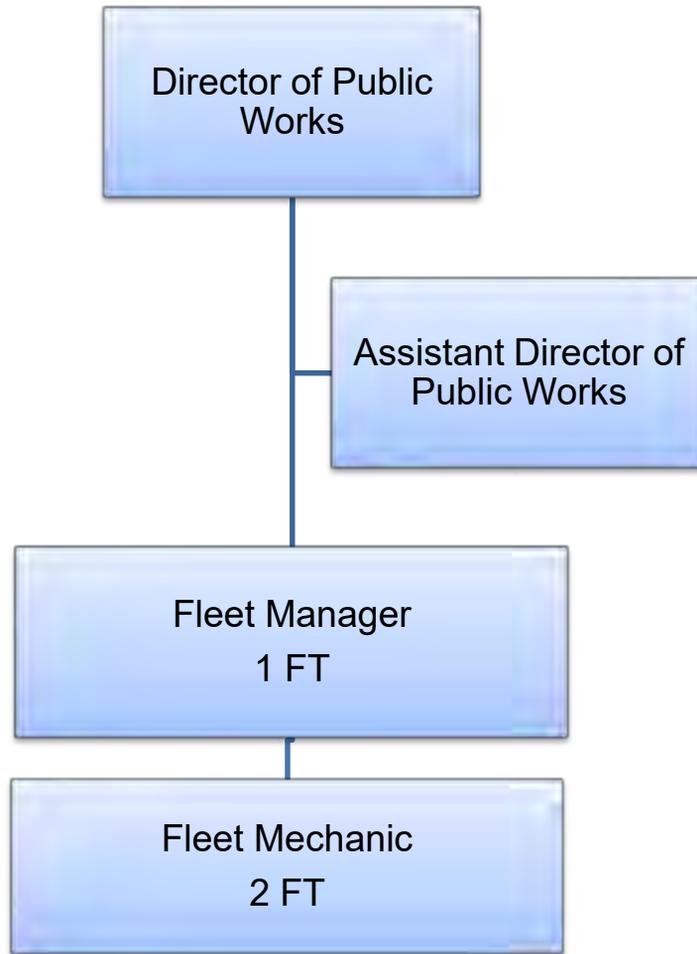
Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	31	31	No Change
Part-Time	5	4	+1



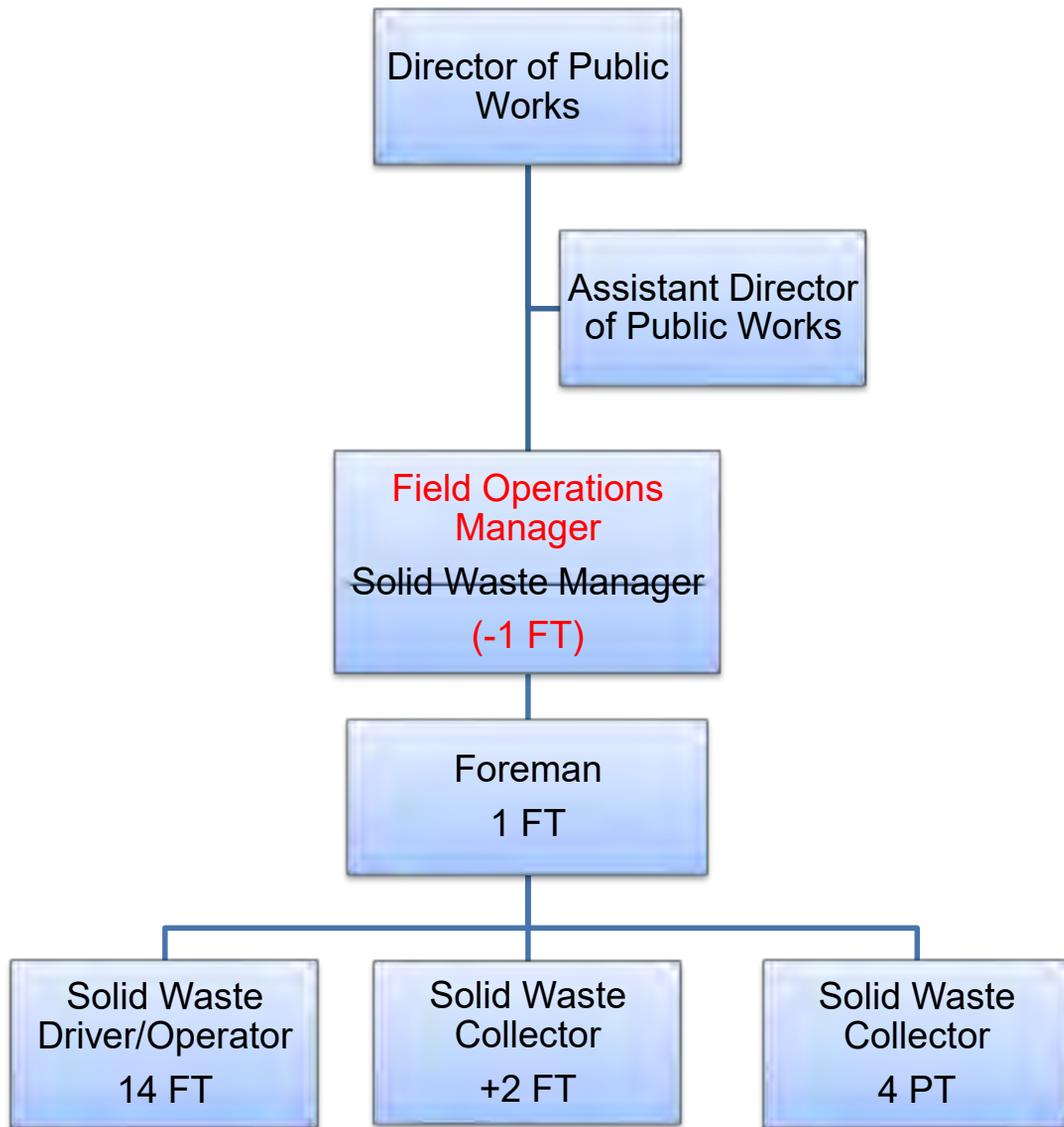
Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	4	3	+1
Part-Time	0	0	No Change



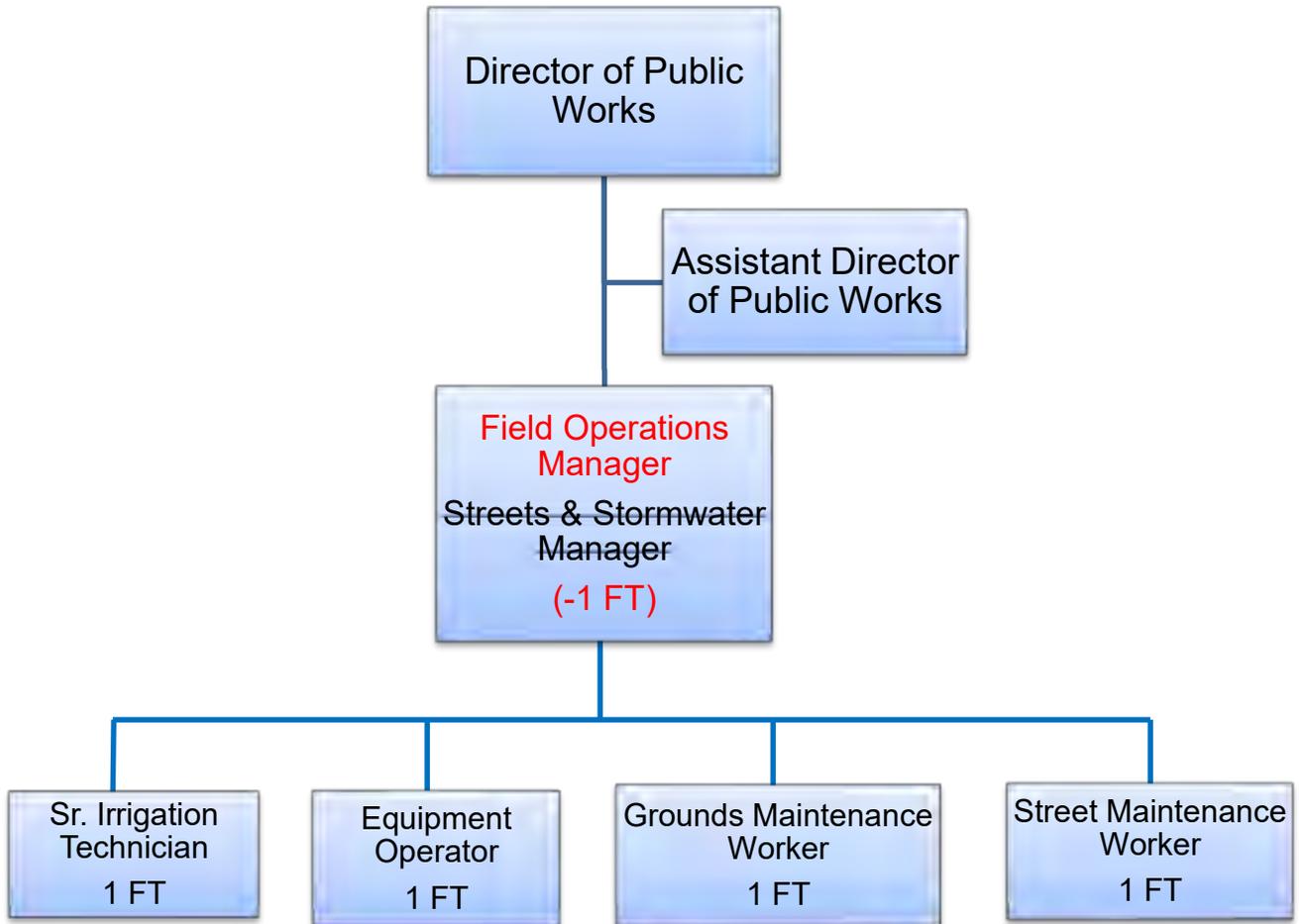
Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	3	2	+1
Part-Time	1	0	+1



Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	3	3	No Change
Part-Time	0	0	No Change

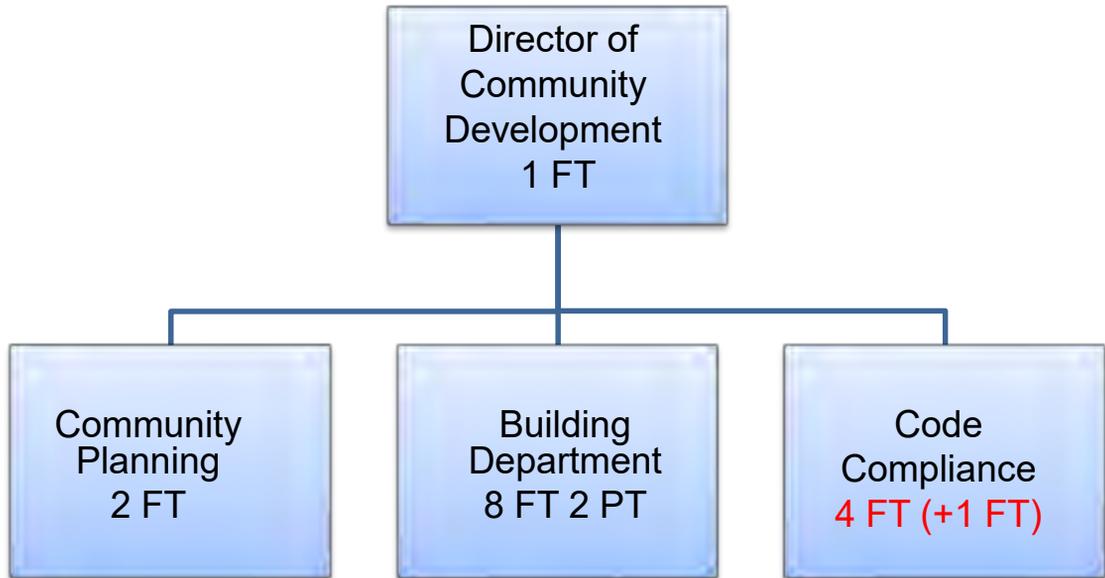


Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	17	18	-1
Part-Time	4	4	No Change

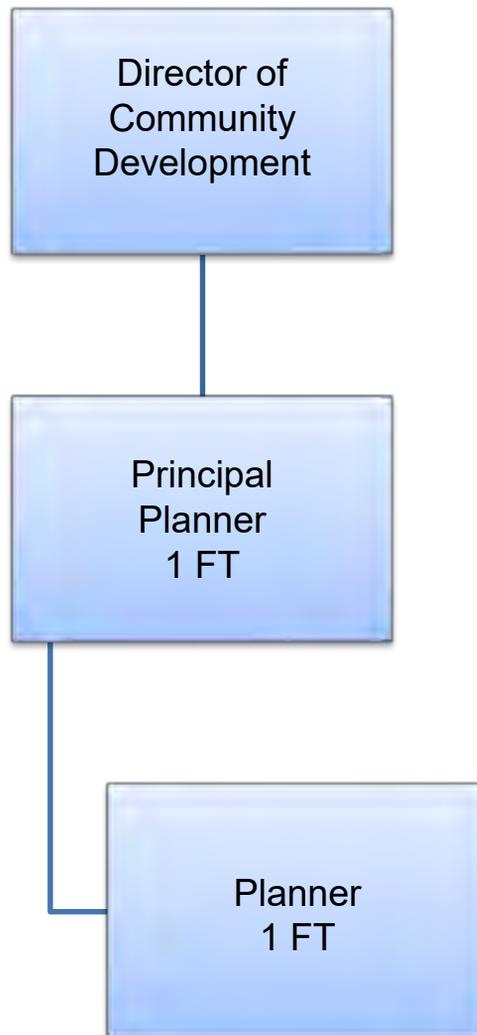


Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	4	5	-1
Part-Time	0	0	No Change

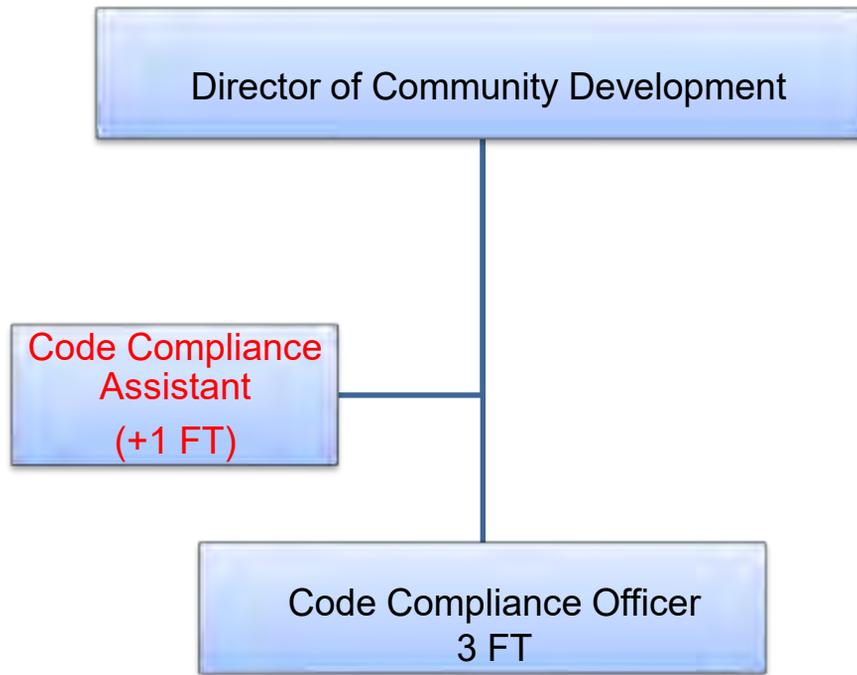
This is a combined organization chart for Community Development. Please refer to the organization charts provided for each division in the following pages



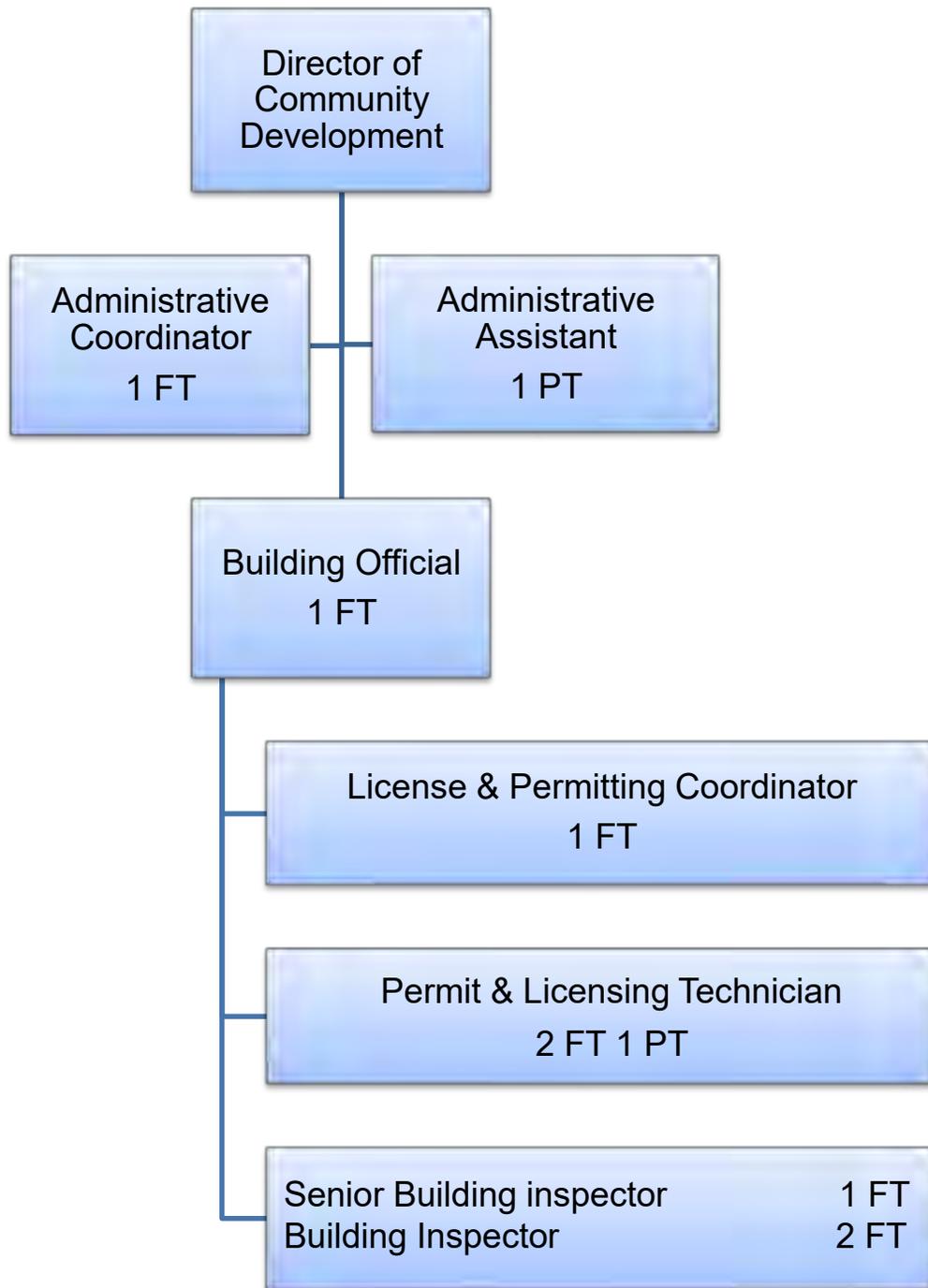
Summary	FY 2022 (amended)	FY 2022	Change
Full-Time	15	14	+1
Part-Time	2	2	No Change



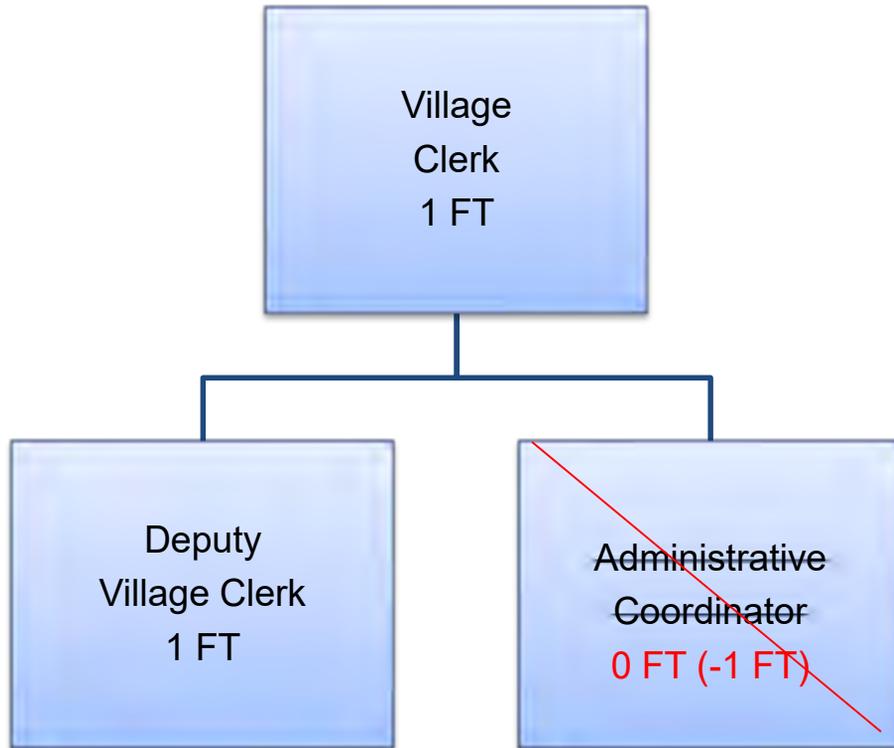
Summary	FY 2022 (amended)	FY 2022	Change
Full-Time	2	2	No Change
Part-Time	0	0	No Change



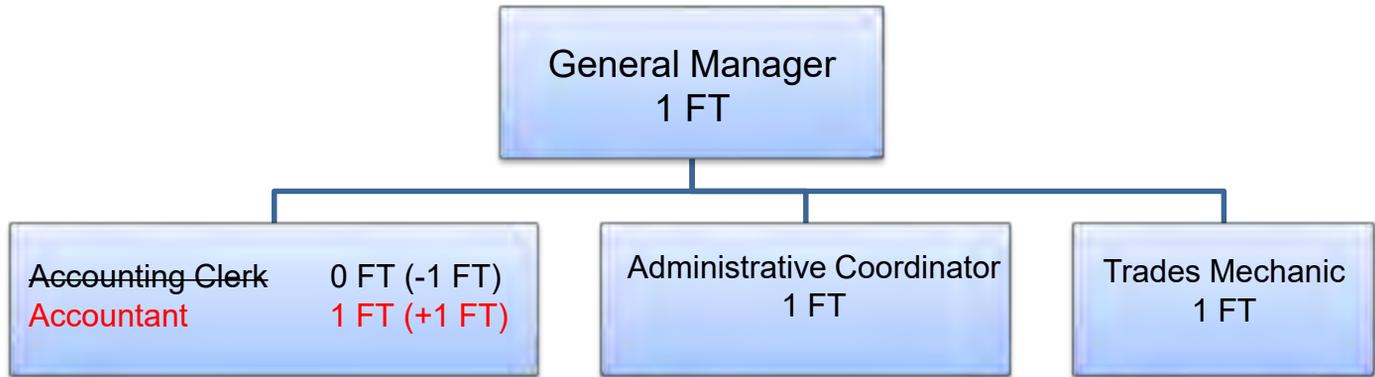
Summary	FY 2022 (amended)	FY 2022	Change
Full-Time	4	3	+1
Part-Time	0	0	No Change



Summary	FY 2022 (amended)	FY 2022	Change
Full-Time	8	8	No Change
Part-Time	2	2	No Change



Summary	FY 2022 (Revised)	FY 2022 (Adopted)	Change
Full-Time	2	3	-1
Part-Time	0	0	No Change



Summary	FY 2022	FY 2021	Change
Full-Time	4	4	No Change
Part-Time	0	0	No Change



Building Division

Village of North Palm Beach

Major Structure Recertification Discussion

Village Council Meeting

June 9, 2022

Village Hall



OBJECTIVE

- ▶ A County-wide Building Recertification program requires:
 - ▶ Local Adoption in the Administrative (Chapter 1) Amendments to the FBC,
 - or
 - ▶ State Legislation to Adopt Statewide

Major Structure Recertification Discussion League of Cities Model



Building Division

- ▶ Current Suggested Applicability (Draft Model):
 - ▶ Building Safety Inspection Program
 - ▶ 25-year or older east of 95
 - ▶ 35- year or older west of 95
 - ▶ 25-year or older buildings, in any location, that have modified balconies/decks/elevated walkways with tile, artificial turf or other finishes.
 - ▶ Waterproofing Inspection:
 - ▶ Beginning with the Initial Safety Inspection:
 - ▶ Subsequent structural/electrical building inspections shall be required at 10 year intervals.
 - ▶ Subsequent waterproofing inspections shall occur at 5 year intervals

Major Structure Recertification Discussion



Building Division

► UPDATE

- Building Code Advisory Board voted unanimously to recommend the Building Safety Inspection Program to the Board of County Commissioners of Palm Beach County at the October 2021 meeting
- The Board of County Commissioners of Palm Beach County at the meeting decided, for now to have the State take the lead on major inspections and safety rule revisions for high -rises.
- The legislature in the regular session at the last minute failed to address Building Safety, Condo Law and Insurance issues
- Seeing that take place a Palm Beach County league of Cities Building Officials Technical Subcommittee meeting took place on April 18,2022, to draft a Building Safety Inspection Program to confirm with the ideas of the State



The legislature called for a Property Insurance special session. At this session it was agreed to add the Senate priority of Condo Inspections and the House priority of reserve requirements for associations to the discussions.

The outcome resulted in the Governor signing Senate Bill 4D.



Statewide building milestone inspections. The bill requires that a condominium or cooperative must have a milestone inspection performed for each building that is three stories or more in height by December 31 of the year in which the building reaches 30 years of age and every 10 years thereafter. If the building is located within 3 miles of a coastline, the inspection must be performed by December 31 of the year in which the building reaches 25 years of age and every 10 years thereafter. If a building's certificate of occupancy was issued on or before July 1, 1992, the building's initial milestone inspection must be performed before December 31, 2024. The milestone inspection consists of two phases. The first phase is a visual inspection by a licensed architect or engineer; if substantial structural deterioration is identified, the second phase commences, including a full assessment of the areas of structural distress. Phase one and two reports must be submitted to the local building official of the local government which has jurisdiction. A renter of a unit will have a right to inspect and copy the association's bylaws, rules and these inspection reports.

A board of county commissioners may adopt an ordinance to require the commencement of repairs for substantial structural deterioration within a specified timeframe after the receipt of a phase two inspection report.



Structural integrity reserve studies. The bill requires a condominium or cooperative to have a structural integrity reserve study completed at least every 10 years. The study must include a review of the structural integrity and safety of the building related to the roof, primary structural members, floor, foundation, fire protection, plumbing, electrical, waterproofing, and windows.

Condominium and cooperative reserves. Effective December 31, 2024, the bill prohibits the waiver or reduction of reserves for items that are required to be inspected in a structural integrity reserve study. In addition, reserve funds may only be used for their intended purpose.



Building Officials Subcommittee Members

Next meeting is scheduled for
July 18, 2022

Building Division Major Building Re-Certification



Building Division

► Questions?

VILLAGE OF NORTH PALM BEACH
Parks and Recreation

TO: Honorable Mayor and Council

THRU: Andrew D. Lukasik, Village Manager

FROM: Zakariya M. Sherman, Director of Leisure Services

DATE: June 9, 2022

SUBJECT: **DISCUSSION** – Anchorage Park Dry Storage Project

Due to the poor condition of the current dry storage compound, the master plan for Anchorage Park included the construction of a more secure, functional and attractive storage facility. The Village Engineer (Engenuity) and 2GHO has developed a plan for this compound.

The Village Engineer and 2GHO designed the new dry storage to accommodate the current four (4) separate storage areas into one area on the north side of the park. The new compound will be enclosed by a perimeter structure with a secure entrance and illumination in accordance with Crime Prevention through Environmental Design (CPTED) principles.

Traffic circulation and boat/vehicle/RV spaces have been designed to maximize the number and size of storage spaces (note that more spaces measuring 35' or more will be accommodated with this design). The number of storage spaces will increase from 133 to 136. 2GHO has provided a tree disposition and landscaping plan that will manage invasive and exotic species along the north canal and provide a certain measure of screening and beautification to the storage yard.

The Village's Recreation Advisory Board has been involved in the initial planning of the project and has seen these plans already. Many of the advisory board members are users of the dry storage facility and have provided valuable input on the functional components. The Village's Police Department has also provided input in the early planning process to ensure that security issues have been addressed.

In February, when plans were 60%, presentations were made to the Environmental Committee and Planning Commission. A tremendous amount of feedback was gathered from the public and taken into account.

Engineering and landscaping plans for the dry storage project are now at 90%. The Environmental Committee has recently reviewed the plans. Cost estimates for the project have been updated as well. Today, Village staff and engineers from Engenuity and 2GHO will provide a project update and recommendations.

Recommendation:

Village staff seeks Council discussion, input and guidance on moving forward with the Anchorage Park Dry Storage Project.



Landscape Architects
Planners
Environmental
Consultants

1907 Commerce Lane
Suite 101
Jupiter, Florida 33458
561-575-9551
561-575-5260 FAX
www.2gho.com

North Boat and RV Storage Anchorage Park North Palm Beach, Florida

Designed: EOM/KMS
Drawn: KMS
Approved: GGG/EOM/MTM
Date: 11.26.18
Job no. 17-0602
Revisions: 1.8.20
3.23.20
11.30.21
17.22
4.20.22
5.30.22

Seal

LC 0000111
Sheet Title:

Landscape
Plan

Scale: 1" = 30'

Sheet No.

LP-1

17-0603

VEGETATION REMOVAL NOTE:
REMOVE ONLY NON-NATIVE/INVASIVE
PLANT MATERIAL.

SHORELINE NOTES:
1. BAHIA SOD IN OPEN AREAS WHERE APPLICABLE
(MORE LIGHT), TO COVER AND ANCHOR SOIL.
2. MULCH IN SHADY AREAS.

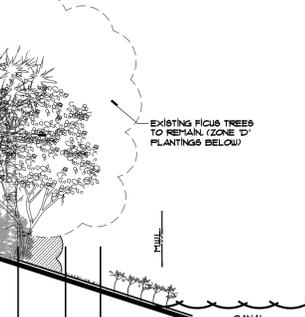
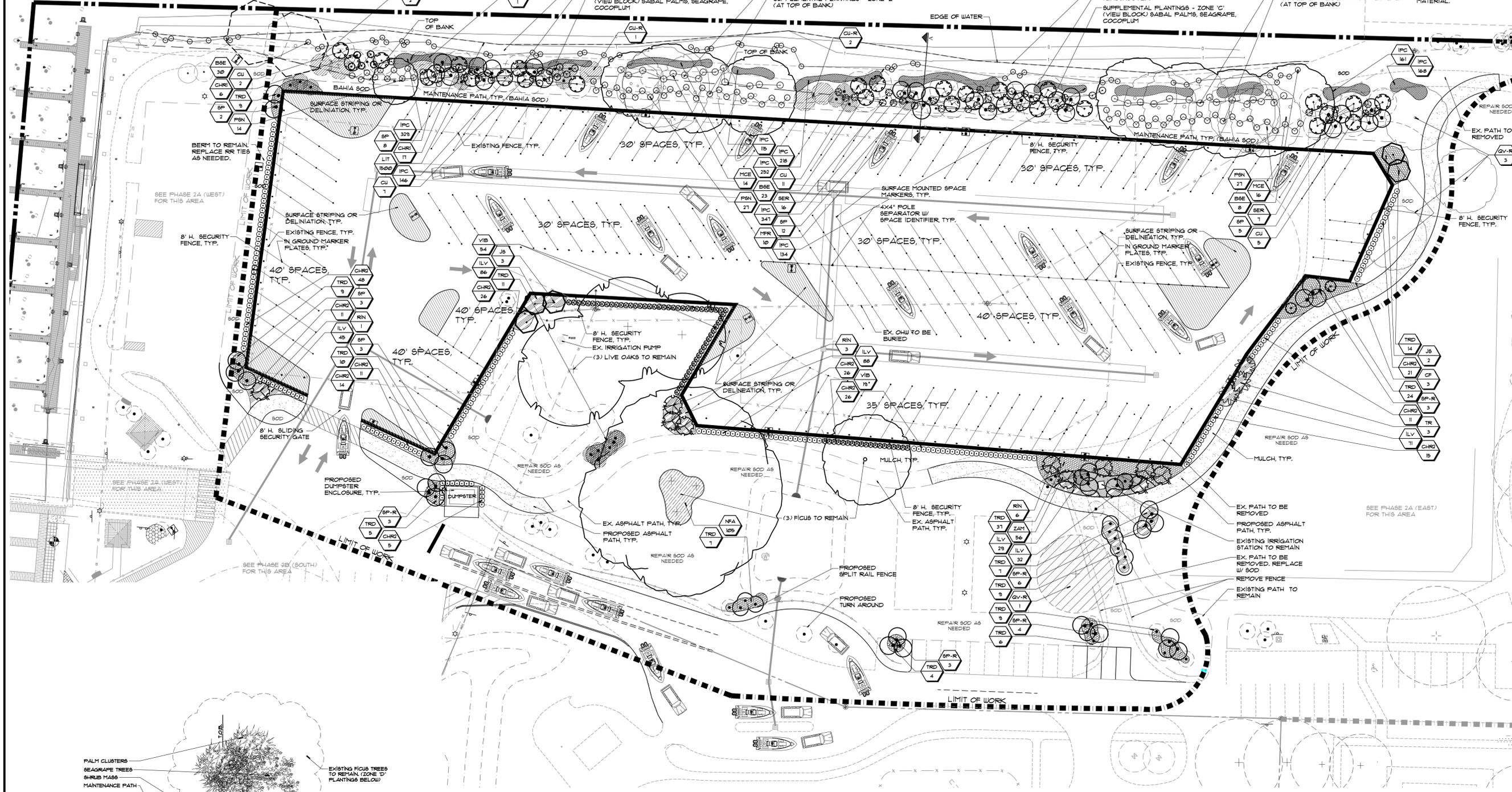
LITTORAL REFRUBISHMENT - ZONE 'A'
SUPPLEMENTAL PLANTINGS - ZONE 'B'
(GROUNDCOVER) RAILROAD VINE
SUPPLEMENTAL PLANTINGS - ZONE 'C'
(VIEW BLOCK) SABAL PALMS, SEAGRAPE,
COCOPLUM

SUPPLEMENTAL PLANTINGS - ZONE 'D'
(UNDERSTORY)
SUPPLEMENTAL PLANTINGS - ZONE 'E'
(AT TOP OF BANK)

LITTORAL REFRUBISHMENT - ZONE 'A'
SUPPLEMENTAL PLANTINGS - ZONE 'B'
(GROUNDCOVER)
SUPPLEMENTAL PLANTINGS - ZONE 'C'
(VIEW BLOCK) SABAL PALMS, SEAGRAPE,
COCOPLUM

SUPPLEMENTAL PLANTINGS - ZONE 'D'
(UNDERSTORY)
SUPPLEMENTAL PLANTINGS - ZONE 'E'
(AT TOP OF BANK)

VEGETATION REMOVAL NOTE:
REMOVE ONLY NON
NATIVE/INVASIVE PLANT
MATERIAL.



MAINT. PATH (with various 8'-8' typ.)	ZONE 'E' PLANTINGS (Tilia, Coffea and rose)	ZONE 'D' PLANTINGS (Sabal Palms, Coccoloba, Bau Palmetto)	ZONE 'C' PLANTINGS (Understory Plants)	ZONE 'B' PLANTINGS (Railroad Vines)	ZONE 'A' PLANTINGS (Mangrove Seedlings)
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'A' Typ. North Bank Cross Section

Scale: 1"=10'-0"

TREE LEGEND:

- FIGUS TO REMAIN
- OAK TO REMAIN
- PROPOSED SABAL PALM
- LITTORAL REFRUBISHMENT - ZONE 'A'
- NORTH REFRUBISHMENT - ZONE 'B'
- NORTH REFRUBISHMENT - ZONE 'C'
- PROPOSED FAKAHATCHEE GRASS

FILE N:\ANCHORAGE PARK\17-0602\DRAWING FILES\CURRENT\ANCHORAGE PARK BOAT STORAGE.DWG
PLOTTED: 5/30/22 AT 1:23:59 PM BY: KEVIN
XREFS: 05045104_XBASE.DWG

Plant List

TREES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	WIDTH	CALIPER	SPACING	D.T.	NATIVE	REMARKS
CF	3	CASSIA FISTULA	GOLDEN SHOWER	6'	3-4'		Counted	V	N	FULL STANDARD
CU	25	COCCOLOBA UVIFERA	SEAGRAPE	10'	10'		Counted	V	Y	FULL TO BASE
CU-R	4	COCCOLOBA UVIFERA	SEAGRAPE	10'	5'		Counted	V	Y	RELOCATED
JS	5	JUNIPER VIRGINIANA SILICICOLA	SOUTHERN RED CEDAR	10'	8'		Counted	M		FULL TO BASE
QV-R	6	QUERCUS VIRGINIANA	RELOCATED LIVE OAK	12'	6'		Counted	V	Y	RELOCATED
RIN	10	RAPHIOLEPIS INDICA	INDIAN HAWTHORN	6'	5'		Counted	V	Y	STANDARD FORM

PALMS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	CALIPER	SPACING	D.T.	NATIVE	REMARKS	
SP	33	SABAL PALMETTO	SABAL PALM	8-18'	C.T.		Counted	V	Y	1/3 CURVED - REGENERATED ROOTS
SP-R	19	SABAL PALMETTO	RELOCATED SABAL PALM	8-18'	C.T.		Counted	V	Y	RELOCATED
TR	3	THRINAX RADIATA	FLORIDA THATCH PALM 'DOUBLE'	6'	O.A.		Counted	V	Y	FULL

SHRUBS

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	WIDTH	GAL.	SPACING	D.T.	NATIVE	REMARKS
CHR1	23	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCOPLUM	30"	24"		Counted	V	Y	FULL AND THICK
CHR2	214	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCOPLUM	36"	30"		3Ctr	V	Y	FULL AND THICK PERIMETER HEDGE - LARGE SHRUB

ILV	351	ILEX VOMITORIA 'STOKES DWARF'	STOKES DWARF	12"	12"		2Ctr	V	Y	FULL AND THICK
MFR	10	MYRCIANTHES FRAGRANS	SIMPSON'S STOPPER	24"	18"		Counted	V	Y	FULL AND THICK
MCE	30	MYRICA CERIFERA	WAX MYRTLE	3'	3'		Counted	V	Y	FULL - NORTH SHORELINE - UNDER EXISTING FICUS

NFA	105	NEPHROLEPIS FALCATA	MACHO FERN	14"	12"		No.	V	N	FULL AND THICK
PSN	68	PSYCHOTRIA NERVOSEA	WILD COFFEE	2'	24"		Counted	V	Y	FULL - NORTHSHORE
SER	23	SERENOA REPENS 'SILVER'	SAW PALMETTO	3'	3'		Counted	V	Y	FULL CLUMP
TRD	168	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	24"	18"		5Ctr	V	Y	FULL CLUMP
VIB	54	VIBURNUM OBOVATUM	WALTERS VIBURNUM	36"	30"		3Ctr	V	Y	FULL AND THICK PERIMETER HEDGE - LARGE SHRUB
ZAM	56	ZAMIA PUMILA	COONTIE	18"	18"		3Ctr	V	Y	FULL AND THICK

VINES

KEY	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT	WIDTH	GAL.	SPACING	D.T.	NATIVE	REMARKS
IPC	1870	IPOMOEA PES-CAPRAE	GOAT'S FOOT CREEPER	6"	12"		1Ctr		Y	FULL - WITH RUNNERS

Ferns

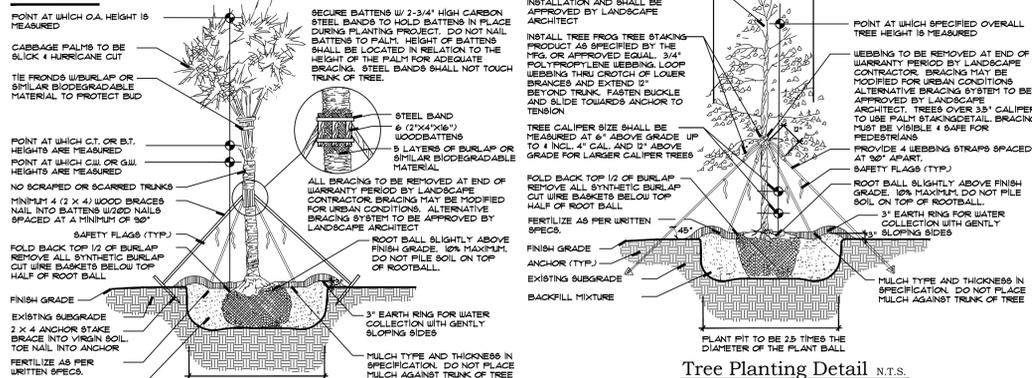
Abbreviation	Number	Species	Common Name	Height	Girth	Density	Specification	Diameter
BSE	61	BLECHNUM SERRULATUM	GIANT SWAMP FERN	14"		Counted	FULL - AT WATERLINE	

Marginal / Aquatics

Abbreviation	Number	Species	Common Name	Height	Girth	Density	Specification	Diameter
LIT	1500	LITTORAL PLANTINGS	LITTORALS	12"	No.		MANGROVE BAREROOT SEEDLINGS - FILL IN AREAS	

ABBREVIATIONS:
 D.T.: DROUGHT TOLERANCE, V= VERY, M= MODERATE, L= LOW
 NATIVE: Y= YES, N= NO
 G.W.=GREY WOOD, C.T.= CLEAR TRUNK, O.A.=OVERALL, A.S.= AS SPECIFIED, O.C.= ON CENTER

Details

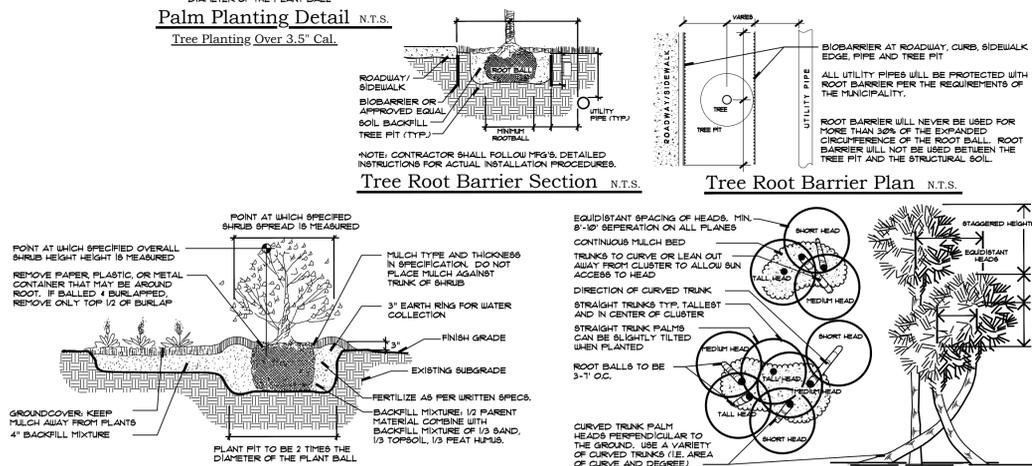


Tree Planting Detail N.T.S.
Tree Planting Over 3.5" Cal.

Tree Planting Detail N.T.S.
Tree Planting 1" To 3.5" Cal.

Tree Root Barrier Section N.T.S.

Tree Root Barrier Plan N.T.S.



Shrub & Ground Cover Planting Detail N.T.S.

Typical Cabbage Palm Layout N.T.S.

Specifications - Exterior Plants

1.4: QUALITY ASSURANCE:

SOIL ANALYSIS SHALL BE CONDUCTED BY THE LANDSCAPE CONTACTOR PRIOR TO APPLICATION OF ANY SOIL AMENDMENTS, FERTILIZERS AND BACKFILL MIXTURES. THE LANDSCAPE CONTACTOR SHALL USE A QUALIFIED SOIL TESTING LABORATORY

THE RESULT OF THE SOIL TESTS SHALL BE SUBMITTED TO THE OWNER AND LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO THE APPLICATION OF SAID MATERIALS. ADJUSTMENTS TO THE SOIL AMENDMENTS MAY BE MADE UPON CONSULTATION WITH THE OWNER AND THE LANDSCAPE ARCHITECT.

1.5: DELIVERY, STORAGE AND HANDLING:

PRUNING OF TREES SHALL BE DONE ON SITE AFTER PLANTING FOR DAMAGED LIMBS OR AS DIRECTED TO IMPROVE OVERALL PLANT APPEARANCE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. PRUNING METHODS SHALL FOLLOW STANDARD HORTICULTURAL PRACTICES USING APPROPRIATE TOOLS. LOPPING, SHEARING OR TOPPING OF PLANT MATERIAL WILL BE GROUNDS FOR REJECTION, DAMAGED, SCARRED, FRAID, SPLIT OR SKINNED BRANCHES, LIMBS OR ROOTS TO BE PRUNED BACK TO LIVE WOOD. THE CENTRAL LEADER OR BUD SHALL BE LEFT INTACT UNLESS SEVERELY DAMAGED.

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE, THIN OUT STRUCTURE AND REMOVE NOT MORE THAN 15% OF BRANCHES.

1.6: WARRANTY:

WARRANT ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST DEATH AND UNHEALTHY CONDITION, EXCEPT AS MAY RESULT FROM NEGLIGENCE BY OWNER, DAMAGE BY OTHERS AND UNUSUAL PHENOMENA BEYOND CONTRACTOR'S CONTROL. REPLACEMENTS SHALL BE MADE WITH COMPATIBLE SIZE AND QUALITY OF MATERIAL AT A TIME REQUESTED OR ACCEPTABLE BY THE OWNER OR LANDSCAPE ARCHITECT. PLANT MATERIAL REJECTED DURING THE COURSE OF CONSTRUCTION SHALL BE REMOVED WITHIN FIVE (5) WORKING DAYS AND REPLACED BEFORE THE FINAL INSPECTION FOR COMPLETION WILL BE SCHEDULED. WARRANTY ON REPLACEMENT PLANTS SHALL BE 1 YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE REPLACEMENTS. ANY DAMAGE TO LANDSCAPE, SOODED OR SEEDED AREAS DURING REPLACEMENT OF PLANT MATERIAL SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR.

1.7: MAINTENANCE SERVICE:

MAINTENANCE AND GENERAL CLEAN UP SHALL BE PERFORMED DAILY. MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, REMOVAL OF LITTER, MOWING, PRUNING, RESETTLED PLANTS, REMOVING, REPAIRING OR REPLACING STAKES AND GUYS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZATION AND SIMILAR OPERATIONS AS NEEDED TO ENSURE NORMAL GROWTH AND HEALTHY PLANT MATERIAL. MAINTENANCE SHALL BEGIN AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE FOR NINETY (90) DAYS FROM THE DATE OF FINAL ACCEPTANCE.

1.8: QUANTITIES, LOCATION AND SUBSTITUTIONS:

THE QUANTITIES OF PLANT MATERIALS SHOWN ON PLANS SHALL TAKE PRECEDENCE OVER THE PLANT QUANTITIES ON THE PLANT LIST. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST THE NUMBER AND LOCATIONS OF THE DESIGNATED TYPES AND SPECIES OF PLANTS TO BE USED AT ANY OF THE LOCATIONS SHOWN. THE OWNER SHALL RECEIVE A CREDIT OR DEBIT FOR THE UNIT PRICE OF THE PLANT MATERIAL. NO SUBSTITUTION OF PLANT MATERIAL TYPES, SPECIFICATIONS OR SIZES WILL BE PERMITTED WITHOUT WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT. THE OWNER AND/OR LANDSCAPE ARCHITECT RESERVES THE RIGHT TO NOT ACCEPT PLANT MATERIAL THAT DOES NOT, IN THE OPINION OF THE OWNER AND/OR LANDSCAPE ARCHITECT, MEET THE SPECIFICATIONS HEREIN.

2.1: PLANT MATERIAL:

PROVIDE SIZES AND SPECIFICATIONS OF PLANTS AS SHOWN ON PLANS OR LISTED ON PLANT LIST. ALL TREES, PALMS, SHRUBS, GROUND COVERS AND OTHER PLANTS SHALL CONFORM TO THE STANDARD OF FLORIDA NO. 1 OR BETTER AS GIVEN IN THE LATEST EDITION OF GRADES AND STANDARDS FOR NURSERY PLANTS BY FLORIDA DEPARTMENT OF AGRICULTURE, PART I AND II. PLANT MATERIAL SHALL ALSO CONFORM TO THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. (ANSI) BULLETIN Z 60.1 - 1990 AND AS REVISED.

SPECIMEN PLANTS SHALL BE FLORIDA FANCY OR BETTER AND SHALL CONFORM TO THE LITERATURE STANDARDS LISTED ABOVE.

2.4: TOP SOIL:

TOPSOIL SHALL BE FRIABLE FERTILE SOIL WITH REPRESENTATIVE CHARACTERISTICS OF AREA SOILS. IT SHOULD BE FREE OF HEAVY CLAY, SILT, STONE, EXCESS LIME, SHELL ROCK, PLANT ROOTS, WEEDS, DEBRIS OR OTHER FOREIGN MATTER. IT SHALL NOT CONTAIN NOXIOUS PLANT GROWTH (SUCH AS BERMUDA, TORPEDO OR NUT GRASS). IT SHALL TEST BETWEEN THE PH RANGE OF 5.0 TO 7.0 UNLESS OTHERWISE SPECIFIED AND CONTAIN NO TOXIC RESIDUE OR SUBSTANCES THAT WOULD ENDANGER PLANT GROWTH. IF TOPSOIL IS NOT AVAILABLE ON SITE, IT SHALL BE IMPORTED FROM LOCAL SOURCES WITH SIMILAR SOIL CHARACTERISTICS TO THAT FOUND AT PROJECT SITE. OBTAIN TOPSOIL ONLY FROM NATURALLY, WELL-DRAINED SITES WHERE TOPSOIL OCCURS IN A DEPTH NOT LESS THAN 4".

2.5: INORGANIC SOIL AMENDMENTS:

SAND SHALL BE CLEAN, SALT-FREE AND CONTAINING NO EXTRANEUS MATTER.

MYCORRHIZAL AMENDMENT SHALL BE DIEHARD™ TRANSPARENT AS MANUFACTURED BY HORTICULTURAL ALLIANCE OR EQUAL TO WITH THE FOLLOWING INGREDIENTS:

- ENDOMYCORRHIZAL FUNGI
- ECTOMYCORRHIZAL FUNGI
- BENEFICIAL BACTERIA
- HUMIC ACID
- SOLUBLE SEA KELP
- AMINO ACIDS
- HORTA-SORB WATER MANAGEMENT GEL
- TRICHODERMA
- YUCCA PLANT EXTRACTS
- VITAMIN B COMPLEX

2.6: ORGANIC SOIL AMENDMENTS:

PEAT HUMUS SHALL BE DECOMPOSED PEAT WITH NO IDENTIFIABLE FIBERS OR IF AVAILABLE, MUCK MAY BE SUBSTITUTED AND SHALL BE FREE FROM STONES, EXCESSIVE PLANT ROOTS, DEBRIS OR OTHER FOREIGN MATTER. MUCK SHALL NOT BE OVERLY SATURATED WITH WATER.

2.7: FERTILIZATION:

PROVIDE FERTILIZER UNIFORM IN COMPOSITION, DRY, AND IN A FREE FLOWING CONDITION FOR APPLICATION BY SUITABLE EQUIPMENT, AND DELIVER IN UNOPENED BAGS OR CONTAINERS, EACH FULLY LABELED.

FERTILIZE TREES, SHRUBS AND GROUND COVERS WITH "MILORGANITE" OR AN APPROVED COMPLETE FERTILIZER. APPLY "MILORGANITE" IN A CIRCLE AROUND THE PLANT BEFORE MULCHING. DO NOT TOUCH THE PLANT WITH THE FERTILIZER. WATER IN FERTILIZER AFTER MULCHING. APPLY MILORGANITE FERTILIZER AT THE FOLLOWING RATE:

- 5.00 LBS. OR 14.5 CUPS / PALMS
- 3.00 LBS. OR 8.70 CUPS / 12-18" MATERIAL
- 2.00 LBS. OR 5.80 CUPS / 8-12" MATERIAL
- 0.69 LBS OR 2.00 CUPS / 6-8" MATERIAL
- 0.19 LBS OR 1/2 CUP / 3 GAL. MATERIAL
- 0.10 LBS. OR 1/4 CUP / 1 GAL MATERIAL

2.8: MULCHES:

MULCH TO BE APPLIED TO ALL PLANTING BEDS, 3" THICK MIN. PINE STRAW MULCH SHALL BE APPLIED ONLY TO THOSE AREAS AS INDICATED ON THE PLAN. APPLY 6" FLUFFED, 2-3" THICK AFTER COMPACTION.

2.10: PLANTING SOIL MIX:

BACKFILL MIXTURE: 1/2 PARENT SOIL, 1/2 MIXTURE (1/3 SAND, 1/3 TOPSOIL, 1/3 PEAT HUMUS).

3.1: PLANTING BED ESTABLISHMENT:

PREPARATION: PRIOR TO THE INSTALLATION OF PLANTS, THE SITE SHALL BE FREE OF WEEDS, GRASS, SOD, DEBRIS, ROCKS OR OTHER MATERIAL MAKING THE SITE UNPLANTABLE. FOR FINAL ACCEPTANCE ALL PLANTED AREAS SHALL BE WEED FREE.

FINISH GRADING: THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE INSTALLATION AND GRADING OF TOPSOIL, IF NECESSARY, WITH THE GENERAL CONTRACTOR, TO INSURE THE SITE IS AT FINISH GRADE PRIOR TO INSTALLING PLANTS.

3.2: PLANTING TREES:

LAYOUT PLANTS ACCORDING TO LANDSCAPE PLANS. IF A CONFLICT ARISES AS TO THE LOCATION, SPACING OR OTHER CONFLICT, CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.

EXCAVATE PIT TO TWO AND ONE-HALF (2 1/2) TIMES THE DIAMETER OF TREE BALL AND NOT LESS THAN 6" DEEPER. COMPACT A LAYER OF BACKFILL MIXTURE IN PIT TO LOCATE COLLAR OF PLANT PROPERLY IN A SLIGHTLY DISHED FINISH GRADE. BACKFILL AROUND BALL WITH BACKFILL MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. WATERING THOROUGHLY AS LAYERS ARE PLACED. BUILD 3" HIGH BERM OF SOIL BEYOND EDGE OF EXCAVATION. APPLY FERTILIZER AS SPECIFIED AND THEN MULCH WITH THE TYPE AND THICKNESS SPECIFIED ON PLANT LIST.

GUYS AND STAKE TREES. LESS THAN 3.5" IN CALIPER, IN FOUR DIRECTIONS WITH "ARBORBRACE" NYLON TREE GUYING KIT WITH HARDENED NYLON ANCHOR AND 3/4" 800 LB. POLYPROP UV WEBBING. MODEL (ATG-R) OR APPROVED EQUAL. STAKE TREES IMMEDIATELY AFTER PLANTING. FOR MULTI-TRUNK PLANT MATERIAL, ATTACH GUYS TO FOUR (4) LARGEST LIMBS. CARE MUST BE TAKEN NOT TO MAKE GUYS TOO TIGHT. FOR TREES 3.5" IN CALIPER AND OVER, TREES MUST BE STAKED WITH WOOD 2X4 METHOD. FOLLOW PALM STAKING DETAIL FOR REQUIREMENTS. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ELIMINATE GUYING OR STAKING. THE OWNER SHALL RECEIVE A CREDIT OR DEBIT FOR THE UNIT PRICE OF THE GUYING OR STAKING. THE LANDSCAPE CONTRACTOR SHALL REMOVE BRACING IN ONE YEAR.

3.2: PLANTING SHRUBS:

EXCAVATE PITS OR TRENCH TWO (2) TIMES DIAMETER OF BALLS OR CONTAINERS, AND 3" DEEPER THAN REQUIRED FOR POSITIONING AT PROPER HEIGHT. COMPACT A LAYER OF BACKFILL MIXTURE IN BOTTOM BEFORE PLACING PLANTS. CONTAINER GROWN MATERIALS SHALL BE PLANTED WITH 48 HOURS AFTER DELIVERY TO SITE. PLACE PLANT IN PIT AND BACKFILL AROUND PLANTS WITH BACKFILL MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. WATER THOROUGHLY AS LAYERS ARE PLACED. FORM A 3" HIGH BERM OF SOIL BEYOND THE EDGES OF EXCAVATION. APPLY FERTILIZER AS SPECIFIED AND THEN MULCH WITH THE TYPE AND THICKNESS SPECIFIED ON PLANT LIST.

3.4: PLANTING GROUNDCOVERS:

LOOSEN SUBGRADE TO DEPTH OF 4" IN AREAS WHERE TOPSOIL HAS BEEN STRIPPED, AND SPREAD BACKFILL MIXTURE.

SPACE PLANTS AS OTHERWISE INDICATED. DIG HOLES LARGE ENOUGH TO ALLOW FOR SPREADING OF ROOTS. COMPACT BACKFILL TO ELIMINATE VOIDS, AND LEAVE GRADE SLIGHTLY DISHED AT EACH PLANT. WATER THOROUGHLY. APPLY FERTILIZER AS SPECIFIED AND THEN MULCH WITH THE TYPE AND THICKNESS SPECIFIED ON PLANT LIST. LIFTING PLANT FOLIAGE ABOVE MULCH. MULCH SHALL BE SPREAD BEFORE PLANTING PLANTS IN POTS LESS THAN 1 GALLON SIZE (4" LINERS, ETC.).

Specifications - Lawns and Grasses

2.1: PRODUCTS:

SOD SHALL MEET AMERICAN SOD PRODUCES ASSOCIATION STANDARDS FOR NURSERY GROWN SOD FOR THICKNESS OF CUT, PAD SIZE, STRONGNESS OF SECTIONS, MOISTURE CONTENT AND WEAR MATCH. SOD SHALL BE GUARANTEED TO BE UNIFORM IN COLOR, LEAF TEXTURE, AND SHOOT DENSITY AND FREE OF WEEDS, DISEASE, FUNGUS, INSECTS OR OTHER IMPERFECTIONS AND SUFFICIENTLY KNITTED TO SUSTAIN GROWTH. SOD SHALL BE MOWED FOR FINAL ACCEPTANCE.

2.3: FERTILIZER:

FERTILIZE TURF AREAS WITH TYPE 1 FERTILIZER, COMPLYING WITH THE STATE FERTILIZER LAWS. THE FERTILIZER SHALL BE CHEMICALLY DESIGNATED WITH 12-8-8. PROVIDE AT LEAST 50% OF THE PHOSPHORIC ACID FROM NORMAL SUPER PHOSPHATE OR AN EQUIVALENT SOURCE PROVIDING A MINIMUM OF TWO UNITS OF SULFUR. THE AMOUNTS OF SULFUR AND ALL OTHER CHEMICAL SHALL BE INDICATED ON THE QUANTITATIVE ANALYSIS CARD ATTACHED TO THE UNOPENED BAG.

3.1: LAWN PREPARATION:

LOOSEN SUBGRADE TO DEPTH OF 4" AND GRADE WITH TOPSOIL PROVIDED ON SITE OR IMPORTED TO FINISH DESIGN ELEVATIONS. ROLL PREPARED LAWN SURFACE. WATER THOROUGHLY, BUT DO NOT CREATE MUDDY SOIL CONDITION.

FERTILIZE SOIL AT THE RATE OF APPROXIMATELY 10 LBS. PER 1000 S.F. SPREAD FERTILIZER OVER THE AREA TO RECEIVE GRASS BY USING AN APPROVED DISTRIBUTION DEVICE CALIBRATED TO DISTRIBUTE THE APPROPRIATE QUANTITY. DO NOT FERTILIZE WHEN WIND VELOCITY EXCEEDS 15 M.P.H. THOROUGHLY MIX FERTILIZER INTO THE TOP 2" OF TOPSOIL.

3.2: SODDING:

SOD TYPE SPECIFIED ON PLANT LIST SHALL BE MACHINE STRIPPED NOT MORE THAN 24 HOURS PRIOR TO LAYING.

LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED SOIL MIX INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOIL DEPOSITS FROM SOODED AREAS. SOD ON SLOPES GREATER THAN 3:1 SHALL BE STAKED IN PLACE. ROLL OR TAMP LIGHTLY AND WATER THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

Landscape Certification

LANDSCAPE CERTIFICATION: THE LANDSCAPE ARCHITECT SHALL PROVIDE FINAL CERTIFICATION TO THE OWNER AND MUNICIPALITY THAT PLANTS ARE INSTALLED PER THE DESIGN PLAN, DETAILS AND SPECIFICATIONS. ANY CHANGES TO THE PLAN WILL NEED TO HAVE THE LANDSCAPE ARCHITECT APPROVAL PRIOR TO INSTALLATION. CONFORMITY TO FLORIDA GRADE #1 IN THE ROOT BALL REQUIRES THE LANDSCAPE ARCHITECT TO INSPECT TREES PRIOR TO INSTALLATION AT THE SITE. IT IS THE RESPONSIBILITY OF THE OWNER/GENERAL CONTRACTOR/LANDSCAPE CONTRACTOR FOR ORGANIZING INSPECTIONS OF PLANT MATERIAL PRIOR TO INSTALLATION.

General Notes:

SOD TO BE ST. AUGUSTINE UNLESS OTHERWISE NOTED ON PLANS

ALL PLANTING AREAS SHALL RECEIVE 100% COVERAGE FROM A FULLY AUTOMATIC IRRIGATION SYSTEM EQUIPPED WITH A RAIN SENSOR.

ALL CONSTRUCTION DEBRIS & HARDPAN TO BE REMOVED FROM PLANTING BEDS TO A DEPTH OF 30"

UTILITIES:

ABOVE AND BELOW GROUND UTILITIES SHALL BE VERIFIED AND LOCATED BY THE LANDSCAPE CONTRACTOR PRIOR TO COMMENCING WORK IN THE PROJECT AREA. IF UTILITY PLANS ARE AVAILABLE, THE CONTRACTOR SHALL EXAMINE THEM AND BRING ANY AND ALL CONFLICTS TO THE ATTENTION OF THE OWNER AND/OR LANDSCAPE ARCHITECT. WHEN WORKING IN AN AREA WHERE KNOWN UTILITIES EXIST, UTILITY LOCATIONS MAY NEED TO BE STAKED BY A SURVEYOR OR THE UTILITY COMPANIES. THE CONTRACTOR HAS THE OPTION TO CONTACT 811 TO SCHEDULE LOCATION OF THE UTILITIES WHICH SUBSCRIBE TO THEIR SERVICE.



2GHO
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Suite 101
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561-575-9557
561-575-5260 FAX
www.2gho.com

North Boat and RV Storage
Anchorage Park
North Palm Beach, Florida

Designed: FOM/KMS
Drawn: KMS
Approved: GGG/FOM/ATH
Date: 11-26-18
Job no. 17-0602
Revisions: 1.8.20
3.23.20
11.20.21
1.7.22
4.4.22
5.30.22

Seal

LC 000017
Sheet Title:

Landscape
Specifications

Scale: 1" = 30'

Sheet No.

LP-2

17-0603



Know what's below.
Call before you dig.

90% Plans

North Boat and RV Storage
Anchorage Park
North Palm Beach, Florida

Designed: EOM/KMS
Drawn: KMS
Approved: GGG/EOM/MTH
Date: 11.26.19
Job no: 17-0602
Revisions: 1.9.20
3.23.20
11.30.21
17.22
4.20.22

Seal

LC 000111

Sheet Title:
Landscape Plan

Scale: 1" = 30'

Sheet No.

LP-1

17-0603

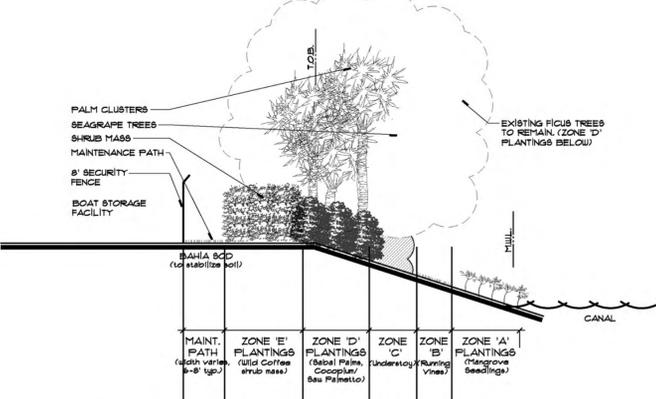
VEGETATION REMOVAL NOTE:
REMOVE ONLY NON-NATIVE/INVASIVE
PLANT MATERIAL.

SHORELINE NOTES:
1. BAHIA SOD IN OPEN AREAS WHERE APPLICABLE
(MORE LIGHT), TO COVER AND ANCHOR SOIL.
2. MULCH IN SHADY AREAS.



Option 2
Boat/RV Storage Spaces

12' x 30'	81
12' x 40'	55
Total	136

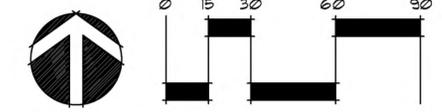


'A' Typ. North Bank Cross Section
Scale: 1"=10'-0"

TREE LEGEND:

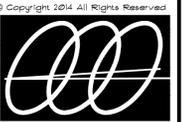
- FIGUS TO REMAIN
- OAK TO REMAIN
- PROPOSED SABAL PALM
- LITTORAL REFRUBISHMENT - ZONE 'A'
- NORTH REFRUBISHMENT - ZONE 'B'
- NORTH REFRUBISHMENT - ZONE 'C'
- PROPOSED FAKAHATCHEE GRASS

Draft



FILE NAME: ANCHORAGE PARK_NPB_17-0602_DRAWING_FILES\CURRENT\ANCHORAGE PARK BOAT STORAGE.DWG
PLOTTED: 4/20/22 AT 4:01PM BY: KEVIN
XREFS: 05045104_XBA-SEEDING

Azure Lagoon



**Gentle Glas
Holloway
O'Mahoney
& Associates, Inc.**
Landscape Architects
Planners
Environmental Consultants

1907 Commerce Lane
Suite 101
Jupiter, Florida 33458
561-575-9551
561-575-5260 FAX
www.2GHO.com

Tree Disposition Plan - North Storage Area **Anchorage Park** North Palm Beach, Florida

Designed: EOM/KMS
Drawn: KMS
Approved: GGG/EOM/AMH
Date: 11.26.18
Job no: 17-0802
Revisions: 1.8.20
3.23.20
1.7.22
3.10.22
4.4.22
5.30.22

Seal

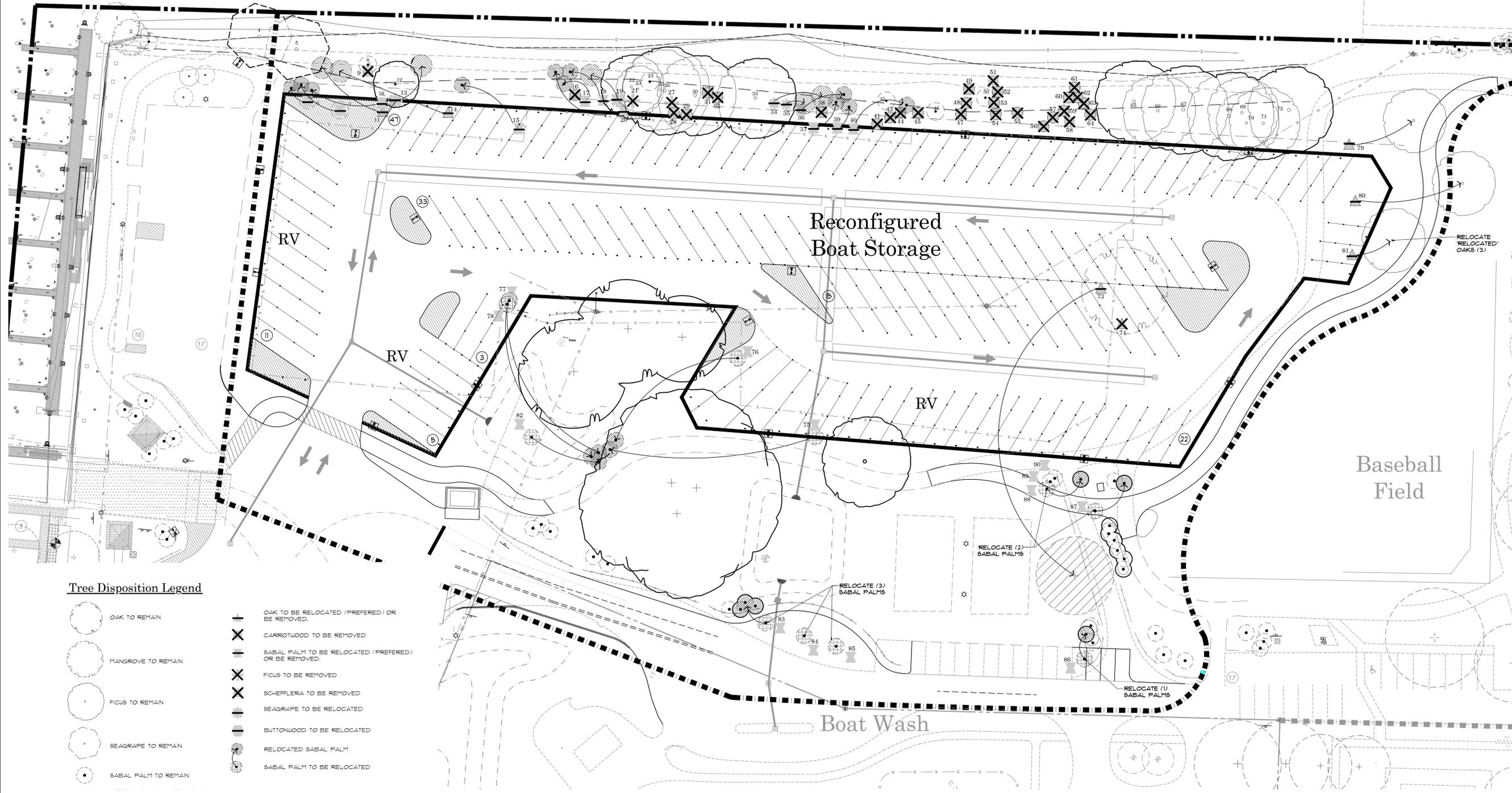
LC 000117
Sheet Title:
**North Boat/RV
Storage Facility
Tree Disposition**

Scale: 1" = 30'

Sheet No.

TDP-1

11-0603



Tree Disposition Legend

- OAK TO REMAIN
- MANGROVE TO REMAIN
- FIGUS TO REMAIN
- SEAGRAPE TO REMAIN
- SABAL PALM TO REMAIN
- OAK TO BE RELOCATED (PREFERRED) OR BE REMOVED.
- CARROTWOOD TO BE REMOVED
- SABAL PALM TO BE RELOCATED (PREFERRED) OR BE REMOVED.
- FIGUS TO BE REMOVED
- SCHEFFLERA TO BE REMOVED
- SEAGRAPE TO BE RELOCATED
- BUTONWOOD TO BE RELOCATED
- RELOCATED SABAL PALM
- SABAL PALM TO BE RELOCATED

Anchorage Park (North Storage Area) 5.20.22

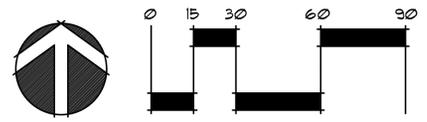
Tag #	Species	Proposed Disposition	Caliper inches (DBH)	Notes
1	MANGROVE	REMAIN	8	To provide tree protection barrier
2	MANGROVE	REMAIN	6	To provide tree protection barrier
3	SABAL	REMAIN	14	To provide tree protection barrier
4	UNKNOWN	REMOVE	6 (3)	Construction conflict
5	SEAGRAPE	REMAIN	14	To provide tree protection barrier
6	SABAL	RELOCATE	16	Locate on site, root prepare prior to relocate
7	SABAL	RELOCATE	14	Locate on site, root prepare prior to relocate
8	SABAL	REMAIN	8	To provide tree protection barrier
9	SCHEFFLERA	REMOVE	8	Invasive
10	SABAL	RELOCATE	14	Locate on site, root prepare prior to relocate
11	OAK	RELOCATE	10	Locate on site, root prepare prior to relocate
12	SEAGRAPE	REMAIN	12 (3)	Provide tree protection
13	SEAGRAPE	RELOCATE	14 (7)	Multi trunk, Construction conflict
14	OAK	RELOCATE	14	Locate on site, root prepare prior to relocate
15	SABAL	RELOCATE	16	Locate on site, root prepare prior to relocate
16	CARROTWOOD	REMOVE	5	Invasive
17	SABAL	RELOCATE	16	Locate on site, root prepare prior to relocate
18	SABAL	RELOCATE	14	Locate on site, root prepare prior to relocate

19	SEAGRAPE	RELOCATE	8	Locate on site, root prepare prior to relocate
20	SABAL	RELOCATE	14	Locate on site, root prepare prior to relocate
21	FIGUS	REMOVE	12	Construction conflict
22	FIGUS	REMAIN	24	To provide tree protection barrier
23	FIGUS	REMAIN	12	To provide tree protection barrier
24	SABAL	REMAIN	16	To provide tree protection barrier
25	FIGUS	REMAIN	14	To provide tree protection barrier
26	FIGUS	REMAIN	14	To provide tree protection barrier
27	FIGUS	REMOVE	6	Construction conflict
28	CARROTWOOD	REMOVE	6	Invasive
29	BUTONWOOD	REMOVE	4	Construction conflict
30	FIGUS	REMAIN	30	To provide tree protection barrier
31	CARROTWOOD	REMOVE	8	Invasive
32	CARROTWOOD	REMOVE	10	Invasive
33	FIGUS	REMOVE	30	Construction conflict
34	SEAGRAPE	RELOCATE	30	Construction conflict - Relocate if possible
35	SEAGRAPE	RELOCATE	24	Construction conflict - Relocate if possible
36	SABAL	RELOCATE	14	Locate on site, root prepare prior to relocate
37	SABAL	RELOCATE	14	Locate on site, root prepare prior to relocate
38	CARROTWOOD	REMOVE	6	Invasive
39	SABAL	RELOCATE	16	Locate on site, root prepare prior to relocate
40	SABAL	RELOCATE	16	Locate on site, root prepare prior to relocate
41	CARROTWOOD	REMOVE	8	Invasive
42	SABAL PALM	REMAIN	16	To provide tree protection barrier
43	CARROTWOOD	REMOVE	10	Invasive

44	CARROTWOOD	REMOVE	10	Invasive
45	CARROTWOOD	REMOVE	10	Invasive
46	SABAL	REMAIN	16	To provide tree protection barrier
47	CARROTWOOD	REMOVE	12	Invasive
48	CARROTWOOD	REMOVE	6	Invasive
49	CARROTWOOD	REMOVE	10	Invasive
50	SABAL PALM	REMAIN	14	To provide tree protection barrier
51	SCHEFFLERA	REMOVE	10 (3)	Invasive
52	CARROTWOOD	REMOVE	6	Invasive
53	CARROTWOOD	REMOVE	10	Invasive
54	CARROTWOOD	REMOVE	10	Invasive
55	CARROTWOOD	REMOVE	16	Invasive
56	CARROTWOOD	REMOVE	10	Invasive
57	CARROTWOOD	REMOVE	12	Invasive
58	SCHEFFLERA	REMOVE	8	Invasive
59	CARROTWOOD	REMOVE	6	Invasive
60	CARROTWOOD	REMOVE	3	Invasive
61	CARROTWOOD	REMOVE	5	Invasive
62	CARROTWOOD	REMOVE	4	Invasive
63	CARROTWOOD	REMOVE	6	Invasive
64	CARROTWOOD	REMOVE	6	Invasive
65	FIGUS	REMAIN	60	To provide tree protection barrier
66	FIGUS	REMAIN	60	To provide tree protection barrier
67	FIGUS	REMAIN	60	To provide tree protection barrier
68	FIGUS	REMAIN	60	To provide tree protection barrier

69	FIGUS	REMAIN	36	To provide tree protection barrier
70	FIGUS	REMAIN	24	To provide tree protection barrier
71	FIGUS	REMAIN	36	To provide tree protection barrier
72	FIGUS	REMAIN	48	To provide tree protection barrier
73	OAK	RELOCATE	22	Relocate to play area south of the access road
74	OAK	REMOVE	14	Construction conflict, Poor Health
75	SABAL PALM	RELOCATE	12	Locate on site, root prepare prior to relocate
76	SABAL PALM	RELOCATE	14	Locate on site, root prepare prior to relocate
77	SABAL PALM	RELOCATE	16	Locate on site, root prepare prior to relocate
78	SABAL PALM	RELOCATE	16	Locate on site, root prepare prior to relocate
79	OAK	RELOCATE	16	Locate on site, root prepare prior to relocate
80	OAK	RELOCATE	14	Locate on site, root prepare prior to relocate
81	OAK	RELOCATE	18	Locate on site, root prepare prior to relocate
82	SABAL PALM	RELOCATE	14	Locate on site, root prepare prior to relocate
83	SABAL PALM	RELOCATE	14	Locate on site, root prepare prior to relocate
84	SABAL PALM	RELOCATE	14	Locate on site, root prepare prior to relocate
85	SABAL PALM	RELOCATE	14	Locate on site, root prepare prior to relocate
86	SABAL PALM	RELOCATE	16	Locate on site, root prepare prior to relocate
87	SABAL PALM	RELOCATE	14	Locate on site, root prepare prior to relocate
88	SABAL PALM	RELOCATE	16	Locate on site, root prepare prior to relocate
89	SABAL PALM	REMAIN	14	Locate on site, root prepare prior to relocate
90	SABAL PALM	REMAIN	14	Locate on site, root prepare prior to relocate

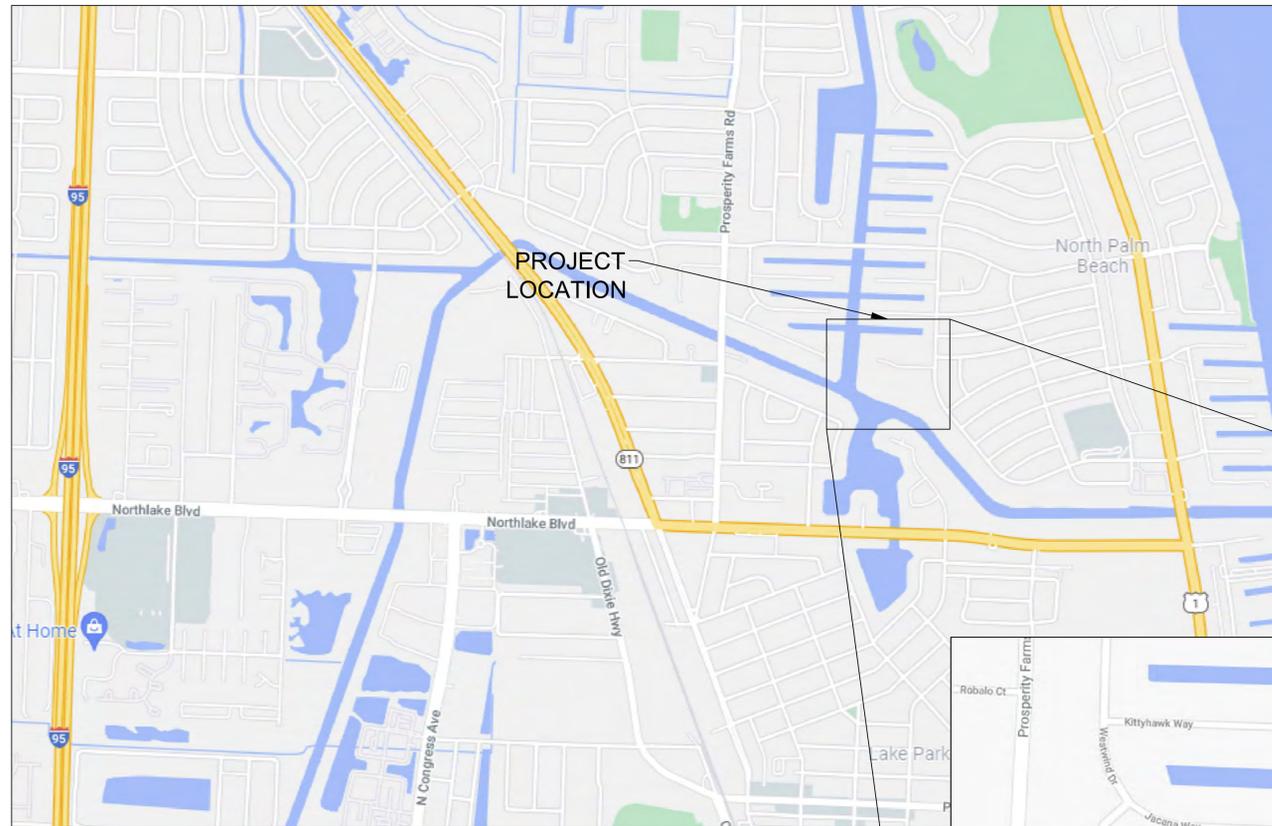
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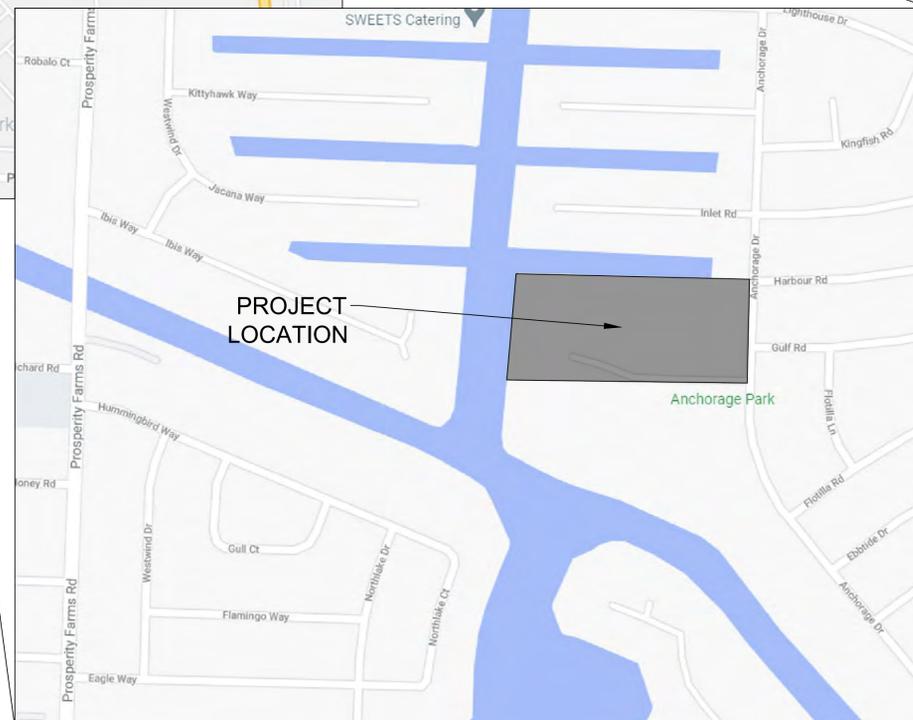
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PLOTTED: 5/31/22 AT 4:44PM BY: KEVIN XEPEF-05045104.XB@SED.MG

CIVIL ENGINEERING PLANS FOR ANCHORAGE PARK MAY 2022

PREPARED FOR:
VILLAGE OF NORTH PALM BEACH, FLORIDA
PROJECT # 03045.104



LOCATION MAP
N.T.S.



LOCATION MAP
N.T.S.

DRAWING INDEX:

- COV COVER SHEET
- 1 DEMOLITION & POLLUTION PREVENTION PLAN
- 2 PAVING, GRADING & DRAINAGE PLAN
- 3 WATER & SEWER PLAN
- 4 SIGNING AND MARKING PLAN
- 5 PAVING & DRAINAGE DETAILS
- 6 PAVING & DRAINAGE DETAILS
- 7 CROSS SECTIONS
- 8 WATER DETAILS
- 9 GENERAL NOTES



Know what's below.
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ANCHORAGE PARK
603 ANCHORAGE DRIVE
NORTH PALM BEACH, FLORIDA
COVER SHEET

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JOB NO. 03045.104				COV 9

1. PROVISIONS FOR CONTROL OF POLLUTION:

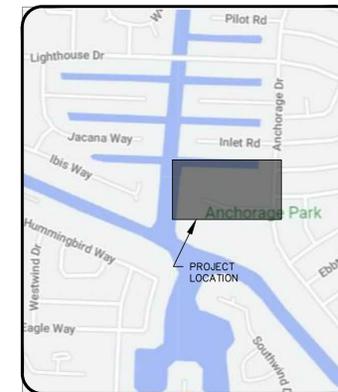
- A. SUFFICIENT PRECAUTIONS SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT THE RUN-OFF OF POLLUTING SUBSTANCES SUCH AS SILT, CLAY, FUELS, OILS, BITUMENS OR OTHER POLLUTING MATERIALS HARMFUL TO HUMANS, FISH, OR OTHER LIFE, INTO THE SUPPLIES AND SURFACE WATERS OF THE STATE OF FLORIDA. CONTROL MEASURES MUST BE ADEQUATE TO ASSURE THAT TURBIDITY IN THE RECEIVING WATER WILL NOT BE INCREASED MORE THAN 29 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND UNLESS OTHERWISE PERMITTED. SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION. EROSION EVIDENT WITHIN THE LIMITS OF CONSTRUCTION OR OTHER AREAS AFFECTED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- B. FILL OUT A NOTICE OF INTENT FORM (DEP FORM 62-821.300(4)(B)) AND SUBMIT IT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- C. EXCAVATION OF WATER MANAGEMENT FACILITIES SHOULD OCCUR IMMEDIATELY AFTER CLEARING AND GRUBBING TO SERVE AS A SEDIMENT TRAP OR CATCHMENT FOR STORMWATER RUNOFF FROM EXPOSED SOILS.
- D. CONSTRUCT PERIMETER BERM OR GRADE SITE TO PREVENT OFF-SITE DISCHARGE OF STORMWATER RUNOFF.
- E. PLACE SILT FENCES OR HAY BALES TO CONTAIN EROSION IN AREAS PRONE TO STORMWATER RUNOFF EROSION VELOCITIES.
- F. PROTECT EACH INLET THAT MAY RECEIVE RUNOFF FROM THE CONSTRUCTION SITE WITH SILT FENCE/FILTER FABRIC STAKED IN PLACE.
- G. INSTALL TURBIDITY SCREENS WITHIN THE RECEIVING BODY BEFORE COMMENCEMENT OF BANK IMPROVEMENTS AND OUTFALL INSTALLATIONS.
- H. TAKE ALL REASONABLE PRECAUTIONS TO CONTROL DUST AND UNCONFINED PARTICULATE MATTER. THE APPLICATION OF WATER IS AN ACCEPTABLE DUST SUPPRESSANT ON ROADWAYS, STOCKPILES, AND ANY OTHER AREAS WITHIN THE PROJECT BOUNDARIES. DUST SUPPRESSANT WATER SHALL BE APPLIED IN SUCH A MANNER SO AS NOT TO PRODUCE EXCESS RUNOFF AND EROSION.
- I. TURBIDITY IN RECEIVING WATER SHALL NOT BE INCREASED MORE THAN 29 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND.
- J. TAKE PRECAUTIONS IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION.

2. OTHER CONTROLS AND MATERIAL MANAGEMENT PRACTICES:

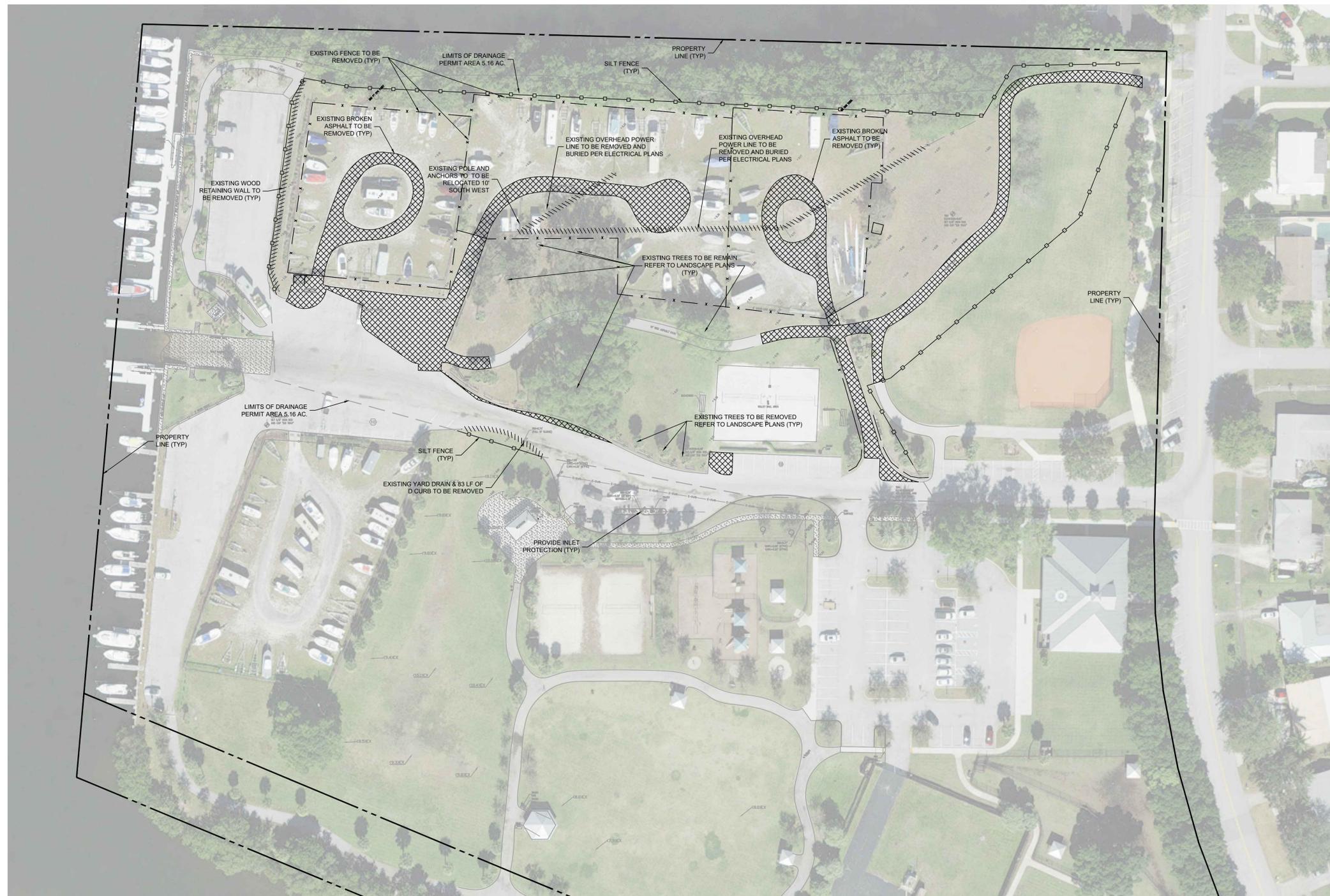
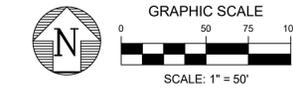
- A. FERTILIZERS - APPLY FERTILIZERS ONLY IN THE MINIMUM AMOUNT RECOMMENDED BY THE MANUFACTURER. IF STORED ON-SITE, PROVIDE COVERED STORAGE. TRANSFER THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER TO A SEALABLE CONTAINER TO AVOID SPILLS.
- B. HAZARDOUS WASTE - DISPOSE OF IN A MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS.
- C. NOISE - MINIMIZE NOISE CAUSED BY THE OPERATION OF EQUIPMENT. ABIDE BY ALL LOCAL REGULATIONS COVERING NOISE CONTROL.
- D. ODORS - DO NOT CAUSE OBJECTIONABLE ODORS TO BE GENERATED.
- E. OFF-SITE VEHICLE TRACKING - PROVIDE A ROCK CONSTRUCTION ENTRANCE TO REDUCE VEHICLE TRACKING OF SEDIMENTS. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPULIN.
- F. OPEN BURNING - NO OPEN FIRES OR BURNING OF MATERIALS OTHER THAN VEGETATIVE LAND CLEARING DEBRIS. OBTAIN PRIOR APPROVAL TO BURN FROM THE LOCAL AUTHORITY AND APPLICABLE FIRE MARSHAL.
- G. PAINTS - ALL CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM, BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO THE PAINT MANUFACTURER'S INSTRUCTIONS AND STATE OR LOCAL REGULATIONS.
- H. PESTICIDES AND HERBICIDES - ANY PESTICIDE AND HERBICIDE USAGE WILL BE BY STATE LICENSED APPLICATORS.
- I. PETROLEUM PRODUCTS - MONITOR ONSITE VEHICLES AND TANKS FOR LEAKS. THEY SHALL RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. STORE PETROLEUM PRODUCTS IN TIGHTLY SEALED CONTAINERS, WHICH ARE CLEARLY LABELED. USE ASPHALT SUBSTANCES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE SECONDARY CONTAINMENT FOR ALL ABOVE GROUND FUEL TANKS.
- J. SANITARY WASTE - COLLECT ALL SANITARY WASTE FROM THE PORTABLE UNITS AT LEAST TWICE PER WEEK.
- K. WASTE MATERIALS - COLLECT AND STORE ALL WASTE MATERIALS IN A SECURELY COVERED METAL DUMPSTER PROVIDED BY A LICENSED SOLID WASTE MANAGEMENT COMPANY. DEPOSIT ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE IN THE DUMPSTER. THE DUMPSTER IS TO BE EMPTIED AS NEEDED SO THERE IS NO OVERFLOW. HAUL TRASH TO A STATE APPROVED LANDFILL FACILITY.

3. MAINTENANCE / INSPECTION PROCEDURES:

- A. INSPECT ALL CONTROL MEASURES AT LEAST ONCE PER WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.
- B. MAINTAIN ALL MEASURES IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT MUST BE INITIATED WITHIN 24 HOURS OF THE ONSITE INSPECTION REPORT.
- C. REMOVE BUILT UP SEDIMENT FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
- D. INSPECT SILT FENCE FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
- E. PREPARE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS FOUND AT THE END OF THIS SECTION.
- F. THE CONTRACTOR SHALL DESIGNATE A QUALIFIED PERSON TO BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND COMPLETING THE INSPECTION AND MAINTENANCE REPORTS.
- G. NON-STORMWATER DISCHARGES ARE PERMISSIBLE PROVIDED THAT DISCHARGE DOES NOT CAUSE EROSION OR CREATE TURBIDITY WITHIN THE RECEIVING BODY AND ARE IN COMPLIANCE WITH REGULATORY REQUIREMENTS. THESE DISCHARGES MAY INCLUDE WATER LINE FLUSHING, FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, DUST CONTROL, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATION, AND WATER USED TO SPRAY OFF LOOSE SOLIDS FROM VEHICLES.

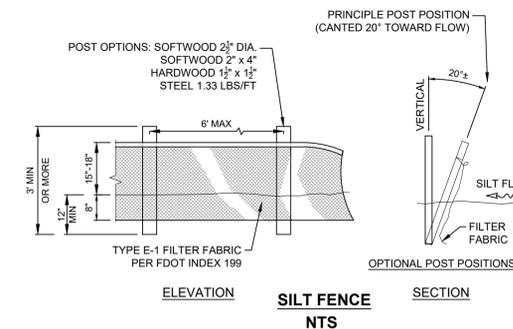


LOCATION MAP
N.T.S.



LEGEND

- PAVEMENT AND BASE ROCK REMOVAL
- SILT FENCE
- DEMOLITION



NO.	DATE	REMARKS	BY

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ANCHORAGE PARK
603 ANCHORAGE DRIVE
NORTH PALM BEACH, FLORIDA
DEMOLITION & POLLUTION PREVENTION PLAN



90%
MAY 2022

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LEGEND

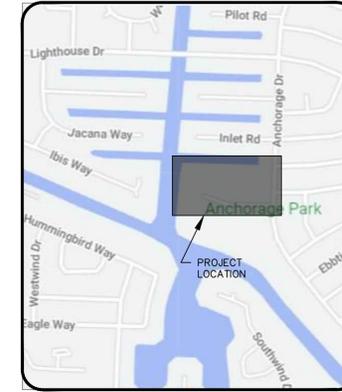
PROPOSED

- ASPHALT PAVEMENT
- 1" ASPHALT MILL SURFACE
- CONCRETE
- 6" THICK ASPHALT MILLINGS
- ASPHALT PATH
- PAVEMENT RESTORATION

- CATCH BASIN
- DRAINAGE FLOW DIRECTION
- PROPOSED ELEVATION

GENERAL NOTES

1. CONTRACTOR TO MAINTAIN ENTRANCE ACCESS THROUGHOUT CONSTRUCTION PROCESS.
2. ALL EXISTING STRIPING TO BE REPLACED UNLESS OTHERWISE NOTED.
3. ALL EXISTING WHEEL STOPS TO BE PRESSURE WASHED, REPAINTED AND REUSED IF IN ACCEPTABLE CONDITION. ONLY REPLACE DAMAGED WHEEL STOPS.
4. ALL STRIPING MUST COMPLY WITH THE VILLAGE OF NORTH PALM ALL STRIPING TO MATCH EXISTING UNLESS OTHERWISE NOTED OR IS NONCOMPLIANT WITH CURRENT CITY STANDARD DETAILS.
5. ALL ELEVATIONS ARE REFERENCED TO THE 1929 NGVD.
6. TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY GROUP INC.
7. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
8. EACH STRUCTURE W/ EXFILTRATION TRENCH SHALL HAVE PCB.



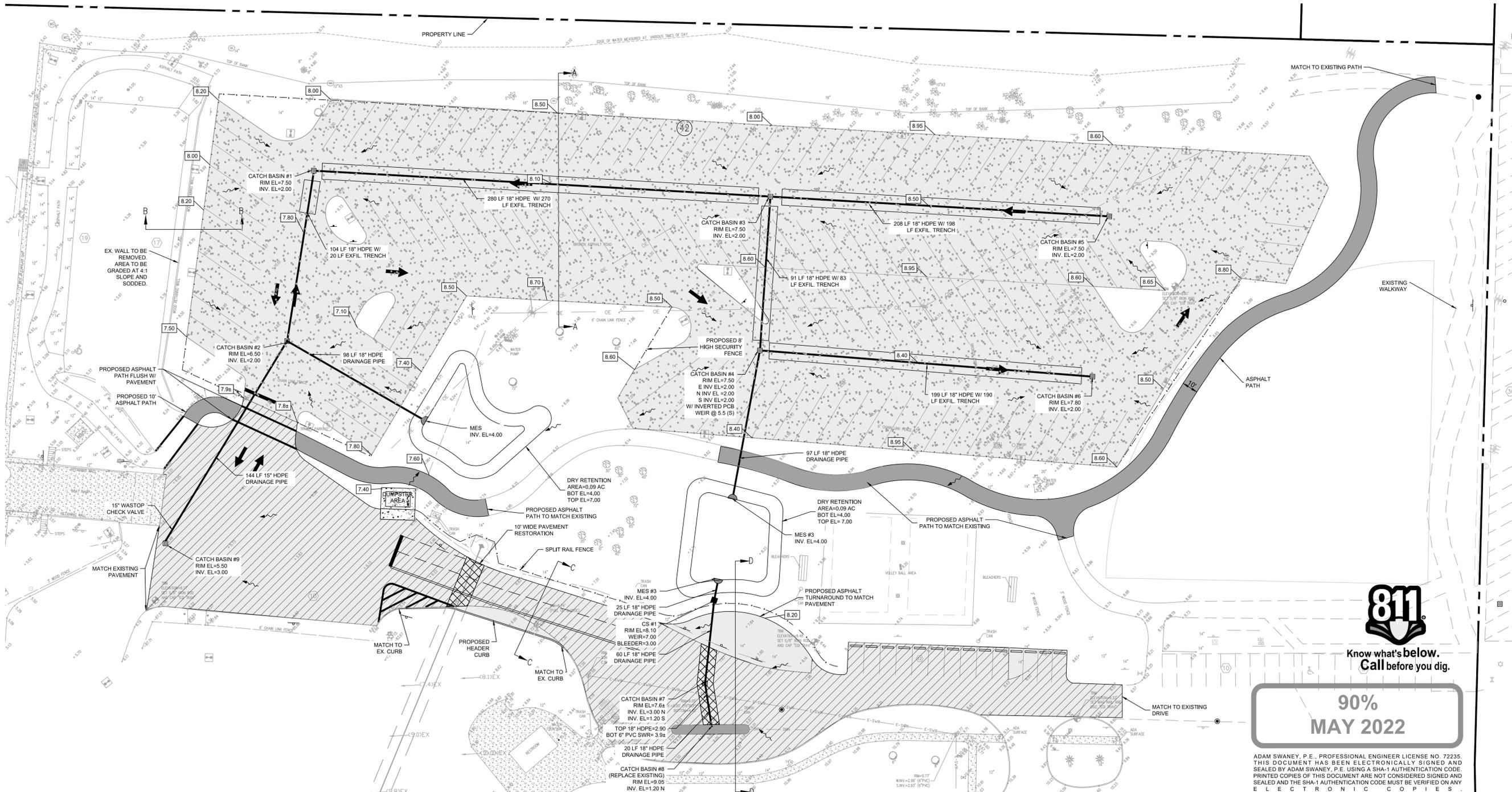
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GRAPHIC SCALE



SCALE: 1" = 30'



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REG. # 72235

ANCHORAGE PARK
603 ANCHORAGE DRIVE
NORTH PALM BEACH, FLORIDA
PAVING, GRADING & DRAINAGE PLAN

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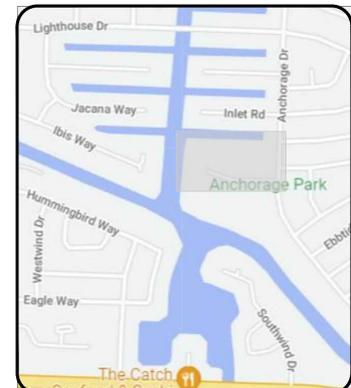
Know what's below.
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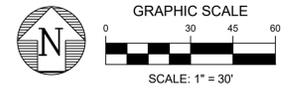
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JOB NO.
03045.104



LOCATION MAP
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EXISTING LEGEND

- WM --- EXISTING WATER MAIN
- FM --- EXISTING FORCE MAIN
- EX --- EXISTING UTILITY EASEMENT
- * ○ ○ EXISTING TREES
- (9.8) EX EXISTING ELEVATION

LEGEND

PROPOSED

- HYDRANT

GENERAL NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO THE 1988 NORTH AMERICAN VERTICAL DATUM (IN FEET).
2. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
3. TOPOGRAPHIC SURVEY PERFORMED BY ENGENUITY GROUP, INC.
4. SECURE A LOCKED CHAIN THROUGH DCCV HANDLE TO PREVENT PHYSICAL MOVEMENT OF THE VALVE. THE VALVE SHOULD BE CHAINED AND LOCKED IN THE OPEN POSITION.

HYDRANT & HYDRANT SECURITY EQUIPMENT NOTES:

1. FIRE HYDRANT SHALL BE EQUIPPED WITH A SET OF AFC "CAPTIVATER" SECURITY CAPS. THE CAPS SHALL BE CHAINED TO THE HYDRANT BODY AND INSTALLED PRIOR TO ISSUANCE OF "CONSTRUCTION WATER RELEASE" CERTIFICATION. A SCHEDULED INSPECTION BY PBCWUD IS REQUIRED TO VERIFY THE INSTALLATION AND OPERATION OF THE CAPS.
2. PLEASE NOTE THAT THE SECURITY CAPS CAN ONLY BE REMOVED USING SPECIAL WRENCHES. THE CONTRACTOR SHALL CONTACT THE PBCWUD INSPECTOR FOR ASSISTANCE IF ACCESS TO THE HYDRANT IS REQUIRED FOR FLUSHING OR TESTING PURPOSES.
3. ALL NEW FIRE HYDRANTS ARE TO BE INSTALLED SO THE PUMPER NOZZLE IS 5.0' MIN WITH RAISED CURB OR 6.0' MIN WITHOUT RAISED CURB AND 12.0' MAX. FROM THE EDGE OF PAVEMENT.

GENERAL WATER NOTES:

1. ALL WATER MAIN DUCTILE IRON PIPE AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
2. ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH ONE AND HALF (1-1/2) INCH HIGH LETTERING READING "CAUTION - WATER LINE BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
3. ALL WATER SERVICE BRASS FITTINGS ARE REQUIRED TO BE LEAD FREE.

NO.	DATE	REVISIONS	REMARKS	BY

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 ADM. SWANEY, P.E.
 REG. # 72235

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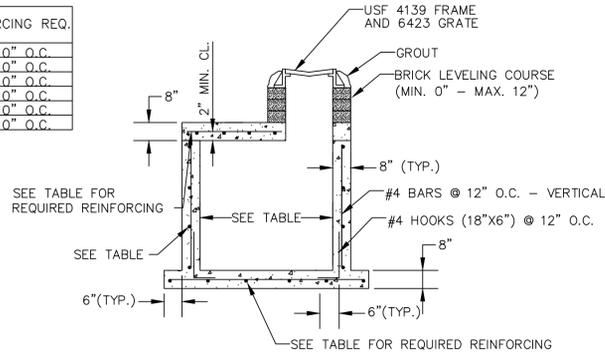
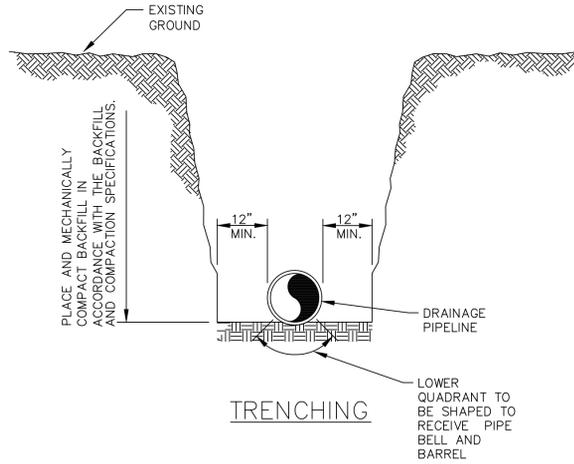
Know what's below.
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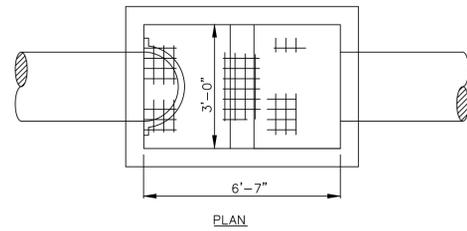
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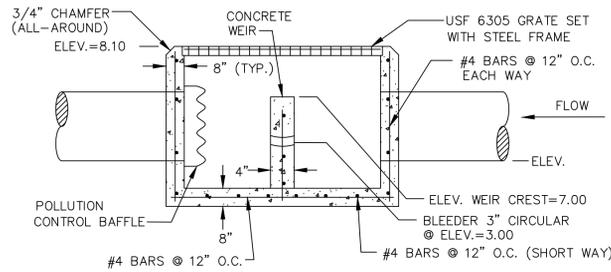
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3	36" X 36"	#4 BARS @ 10" O.C. - EW	#4 BARS @ 10" O.C.
4	48" X 48"	#5 BARS @ 10" O.C. - EW	#5 BARS @ 10" O.C.
5	54" X 54"	#5 BARS @ 10" O.C. - EW	#5 BARS @ 10" O.C.
6	60" X 60"	#6 BARS @ 10" O.C. - EW	#5 BARS @ 10" O.C.
7	66" X 66"	#6 BARS @ 10" O.C. - EW	#6 BARS @ 10" O.C.
8	72" X 72"	#6 BARS @ 10" O.C. - EW	#6 BARS @ 10" O.C.



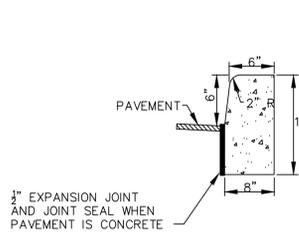
DRAINAGE INLET



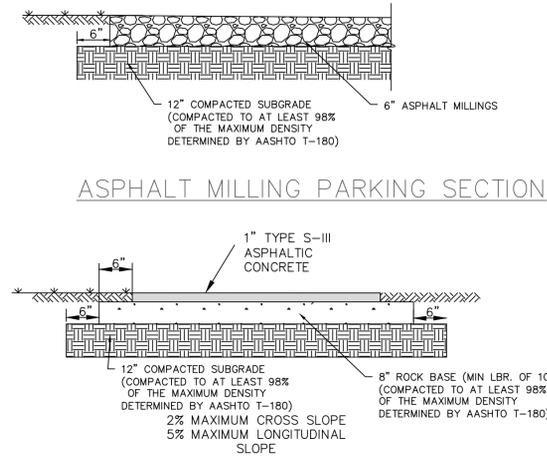
CONTROL STRUCTURE



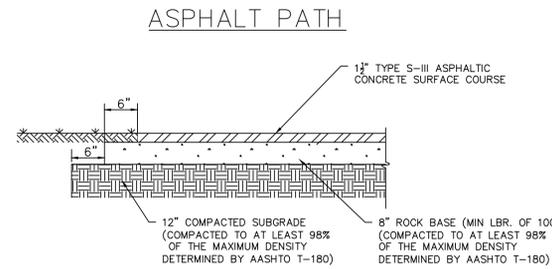
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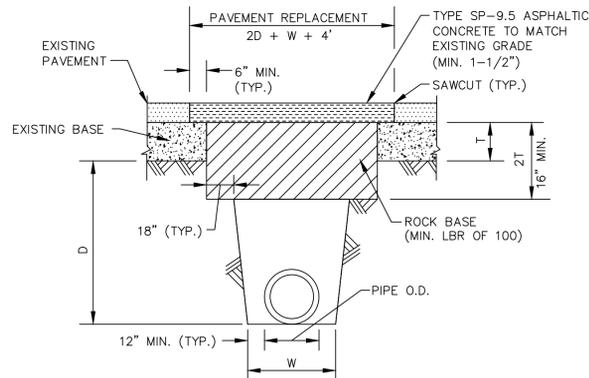
TYPE "D" CURB



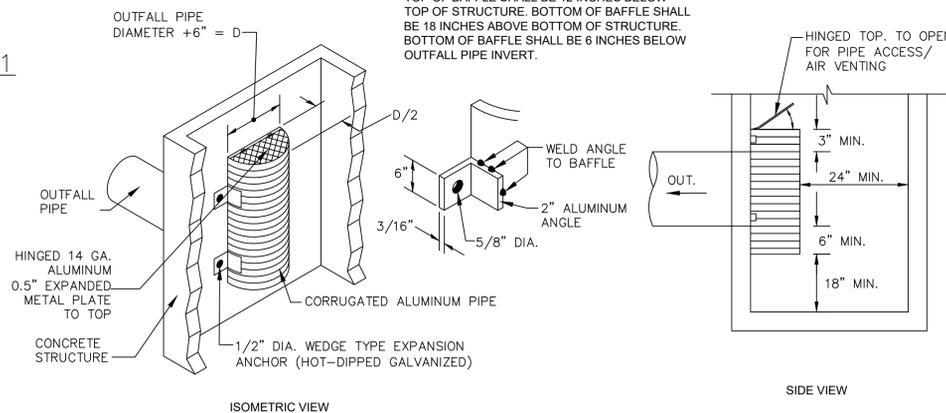
ASPHALT MILLING PARKING SECTION



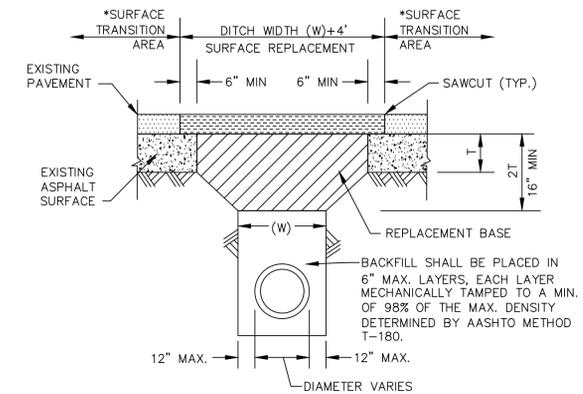
ASPHALT PAVEMENT SECTION



PAVEMENT REPLACEMENT



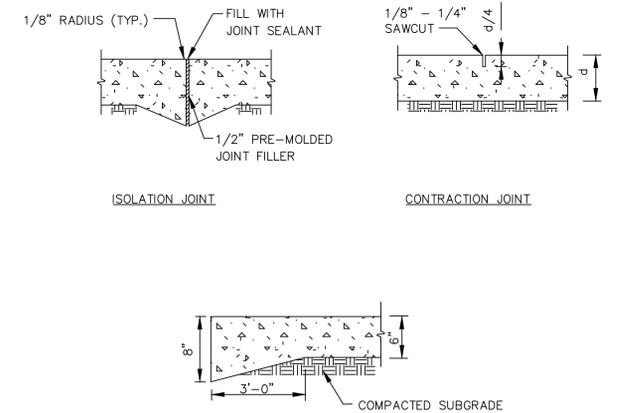
POLLUTION CONTROL BAFFLE



PAVEMENT REPLACEMENT (MILLING)

GENERAL NOTES:

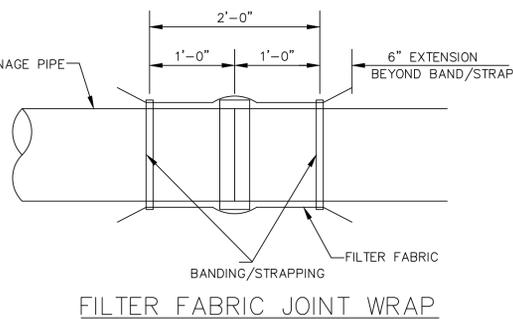
1. BASE AND BACKFILL MATERIALS SHALL BE EITHER OF THE SAME TYPE AND COMPOSITION AS THE MATERIALS REMOVED OR OF EQUAL OR GREATER STRUCTURAL ADEQUACY. MATERIALS CONTAMINATED WITH DELETERIOUS SUBSTANCES DURING EXCAVATION SHALL NOT BE USED.
2. BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS (6" MAX PER LAYER) AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO THE SPECIFIED DENSITY.
3. *SURFACE TRANSITION AREA (SEE PLANS FOR LOCATION) OVERLAY OR MILL/RESURFACE FOR A DISTANCE OF 50' ON BOTH SIDES OF THE OPEN CUT AND FOR A FULL LANE WIDTH. 1" TYPE S-III ASPHALTIC CONCRETE AND 1 1/2" TYPE S-I ASPHALTIC CONCRETE WITH RC-70 PRIMECOAT AT 0.10 GAL/SQ YD.
4. A SMOOTH TEMPORARY PATCH (MINIMUM 1-1/4" ASPHALT) SHALL BE PLACED TO PROPERLY MATCH THE EXISTING GRADE OF THE ROADWAY. THE TEMPORARY PATCH SHALL REMAIN IN PLACE AND BE MAINTAINED FOR A MINIMUM OF 30 DAYS, BUT SHALL NOT REMAIN IN PLACE LONGER THAN 45 DAYS.
5. FOR FINAL RESTORATION, THE ROAD SHALL BE MILLED AND PAVED A FULL LANE WIDTH FOR A MINIMUM LENGTH OF 100 FT. PLUS THE TRENCH WIDTH (50 FT. EACH SIDE OF CUT).



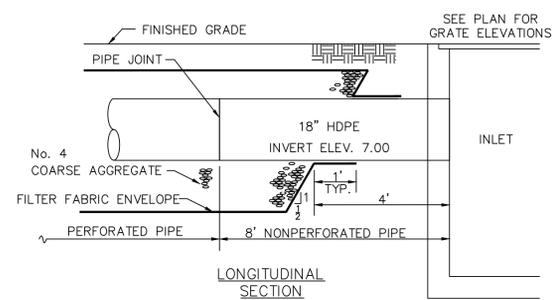
ISOLATION JOINT

CONTRACTION JOINT

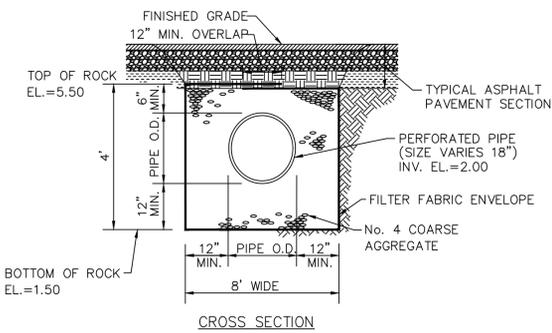
CONCRETE PAVEMENT SECTION



FILTER FABRIC JOINT WRAP



LONGITUDINAL SECTION



CROSS SECTION

EXFILTRATION TRENCH

NO.	DATE	REMARKS

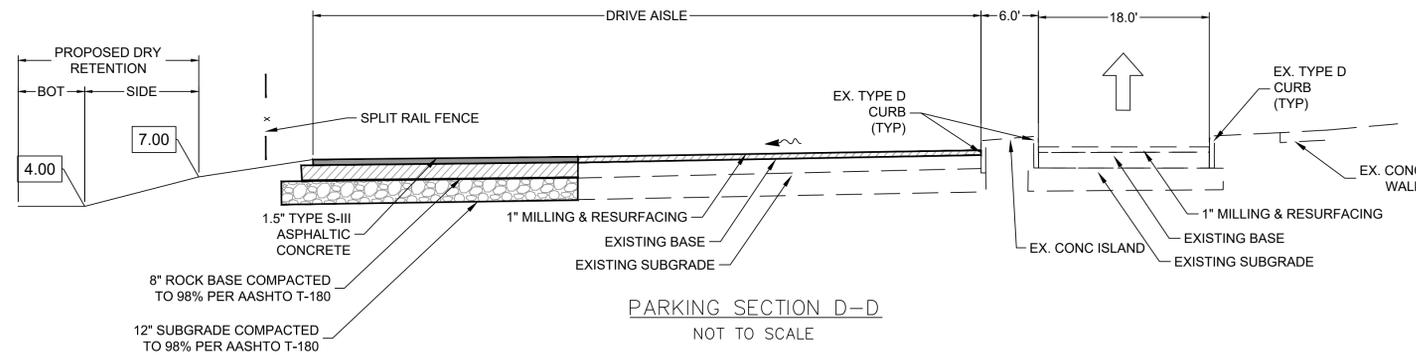
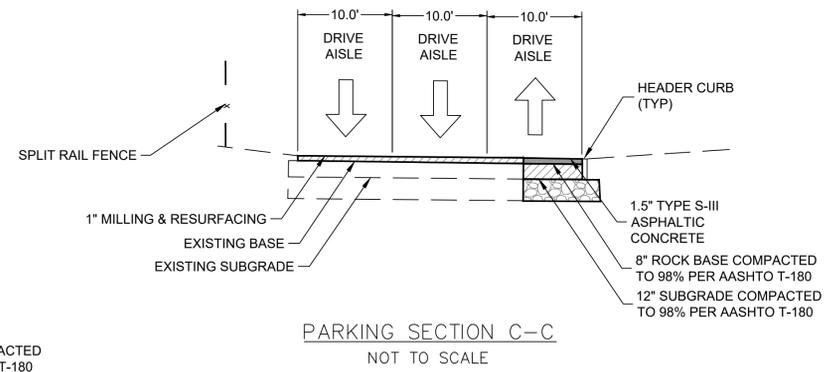
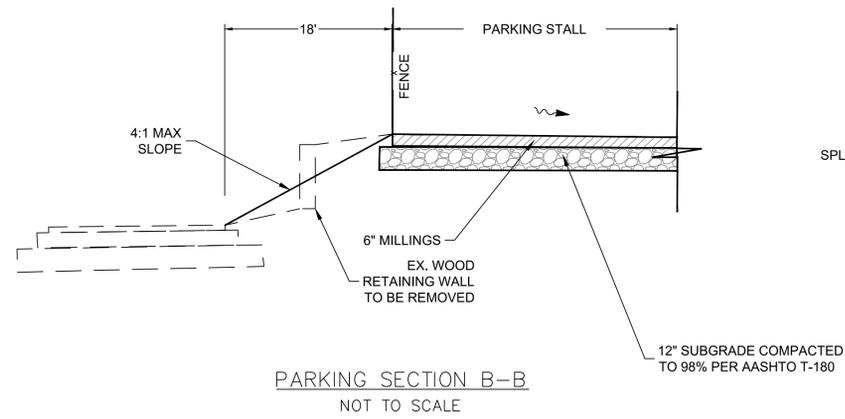
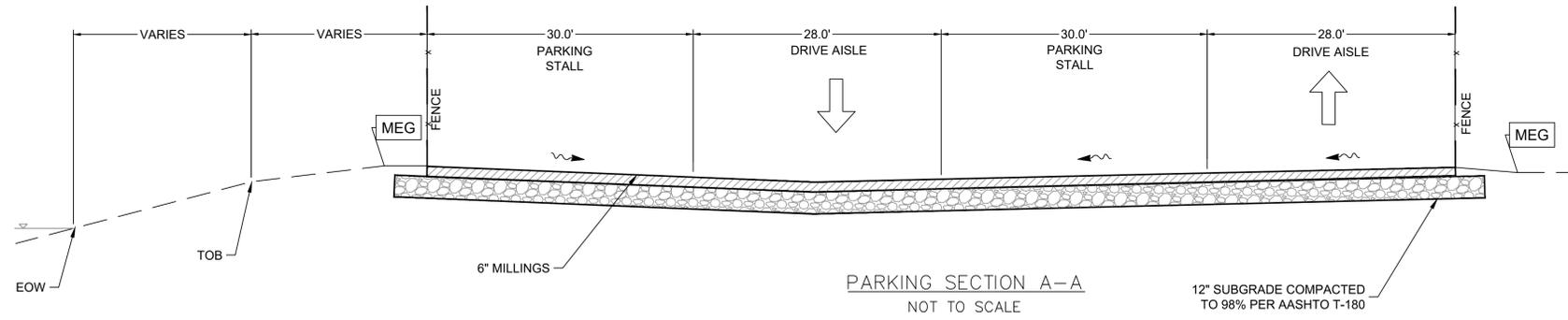
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DATE	MAY 2022	DRAWN	JC
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PROJECT MANAGER	ACS	CHECKED	KBJ
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PAVEMENT MARKING GENERAL NOTES:

- 1. PAVEMENT MARKING:
A. DO NOT APPLY MARKINGS WITHIN 5 DAYS OF PAVEMENT PLACEMENT WITH THE EXCEPTION OF FRICTION COURSE WHICH IS 30 DAYS.
B. PRIOR TO APPLYING PAVEMENT MARKINGS, REMOVE ANY MATERIAL THAT WOULD ADVERSELY AFFECT THE BOND.
C. DO NOT APPLY WHEN WINDS ARE SUFFICIENT TO CAUSE SPRAY DUST.
D. PRIOR TO APPLICATION OF THERMOPLASTIC MATERIAL TO PORTLAND CEMENT CONCRETE SURFACES, APPLY A TWO-PART EPOXY PRIMER SEALER RECOMMENDED BY THE MANUFACTURER.
E. ESTABLISH TACK POINTS AT APPROPRIATE INTERVALS FOR USE IN ALIGNING MARKINGS.
F. APPLY ONLY DURING DAYLIGHT HOURS AND, AS FAR AS PRACTICAL, SHALL BE TERMINATED IN TIME TO PERMIT SUFFICIENT DRYING BY SUNSET.
G. THE SURFACE WHICH IS TO BE PAINTED SHALL BE CLEANED, BY COMPRESSED AIR OR OTHER EFFECTIVE MEANS, IMMEDIATELY BEFORE THE START OF PAINTING AND SHALL BE CLEAN AND DRY WHEN THE PAINT IS APPLIED. ANY VEGETATION OR LOOSE SOIL SHALL BE REMOVED FROM THE PAVEMENT BEFORE STRIPING BEGINS.
H. THOROUGHLY MIX PAINT BEFORE POURING INTO THE PAINTING MACHINE. NO THINNING OF THE PAINT IN THE MACHINE WILL BE ALLOWED AT ANY TIME. BEFORE THE START OF EACH DAY'S WORK THE PAINT CONTAINER, THE CONNECTIONS, AND THE SPRAY NOZZLES ON THE MACHINE SHALL BE THOROUGHLY CLEANED WITH PAINT THINNER OR OTHER SUITABLE CLEANER.

2. APPLICATION - THERMOPLASTIC:

- A. APPLY THERMOPLASTIC TO THE PAVEMENT BY EXTRUSION.
B. EDGES OF MARKINGS ARE TO BE WELL DEFINED.
C. THICKNESS TO BE AT LEAST 90 MILS.
D. APPLY REFLECTIVE GLASS SPHERES IMMEDIATELY BEHIND THE STRIPING MECHANISM.

3. APPLICATION - REFLECTIVE PAINT:

- A. APPLY PAINT TO THE PAVEMENT BY SPRAY.
B. EDGES OF MARKINGS ARE TO BE WELL DEFINED.
C. APPLY PAINT TO ATTAIN A MINIMUM WET FILM THICKNESS OF 15 MILS.
D. APPLY SPHERES IMMEDIATELY AND UNIFORMLY FOLLOWING THE PAINT APPLICATION.

4. APPLICATION - REFLECTIVE PAVEMENT MARKERS:

- A. SET REFLECTIVE PAVEMENT MARKERS 1 INCH TO THE LEFT OR RIGHT OF THE LINE.
B. APPLY THE ADHESIVE TO THE BONDING SURFACE (NOT THE MARKER) SO THAT 100 PERCENT OF THE BONDING AREA OF THE MARKER WILL BE COVERED.
C. APPLY SUFFICIENT ADHESIVE TO ENSURE THAT THE MARKER IS PRESSED DOWN INTO THE ADHESIVE AND ADHESIVE WILL BE FORCED AROUND THE PERIMETER OF THE MARKER.
D. IMMEDIATELY REMOVE EXCESS ADHESIVE FROM THE BONDING SURFACE AND THE EXTERNAL SURFACE OF THE MARKER.

5. PROTECTION:

- A. DO NOT ALLOW TRAFFIC ONTO NEWLY PAINTED TRAFFIC STRIPES AND MARKINGS UNTIL THEY ARE SUFFICIENTLY DRY TO PERMIT VEHICLES TO CROSS THEM WITHOUT DAMAGE.
B. WARNING SIGNS SHALL BE SET UP BEFORE THE BEGINNING OF EACH OPERATION AND EXTRA SIGNS SHALL BE KEPT WELL AHEAD OF THE APPLICATION EQUIPMENT. THE EQUIPMENT SHALL BE SO OPERATED THAT TRAFFIC MAY PASS SAFELY. WARNING SIGNS ARE TO BE PLACED ONLY WHERE OPERATIONS ARE IN PROGRESS AND ARE TO BE RELOCATED AS OFTEN AS IS NECESSARY.
C. ERECT ADEQUATE WARNING SIGNS, AND TAKE NECESSARY PRECAUTIONS FOR THE PROTECTION OF THE WET PAVEMENT MARKINGS AND THE SAFETY OF THE PUBLIC, CONES, RUBBER 'Z' GUARDS, OR SIMILAR PROTECTIVE DEVICES, SHALL BE PLACED ALONG THE NEWLY PAINTED STRIPE TO PREVENT TRAFFIC FROM CROSSING THE WET PAINT. ANY SUCH DEVICES USED SHALL BE OF A TYPE THAT WILL NOT CAUSE DAMAGE TO VEHICULAR TRAFFIC IN THE EVENT THAT THESE OBJECTS ARE ACCIDENTALLY PASSED OVER.
D. ANY PORTIONS OF THE PAVEMENT MARKINGS DAMAGED BY PASSING TRAFFIC OR FROM ANY OTHER CAUSE SHALL BE REWORKED AT NO ADDITIONAL COST TO THE OWNER.
E. IF MORE THAN 2 PERCENT OF THE REFLECTIVE PAVEMENT MARKERS FAIL IN ADHESION OR ALIGNMENT WITHIN THE 45 DAYS UNDER TRAFFIC, REPLACE ALL FAILED MARKERS AT NO ADDITIONAL COST TO THE OWNER.

6. CORRECTIVE MEASURES:

- A. PAVEMENT MARKINGS WHICH FAIL TO MEET THE GUIDELINES, INCLUDING THE PERMISSIBLE TOLERANCES AND THE APPEARANCE REQUIREMENTS, ARE MARKED OR DAMAGED BY TRAFFIC OR FROM ANY OTHER CAUSE SHALL BE CORRECTED AT NO ADDITIONAL COST TO OWNER. DRIPS AND SPATTERED PAINT SHALL BE REMOVED. WHENEVER IT IS NECESSARY TO REMOVE PAINT IT SHALL BE DONE BY MEANS WHICH WILL NOT DAMAGE THE UNDERLYING SURFACE OF THE PAVEMENT. WHEN NECESSARY TO CORRECT A DEVIATION WHICH EXCEEDS THE PERMISSIBLE TOLERANCE IN ALIGNMENT, THAT PORTION OF THE STRIP AFFECTED SHALL BE REMOVED AND REPAINTED IN ACCORDANCE WITH THESE GUIDELINES.
B. MISALIGNMENT, DEFECTIVE SURFACES, AND THE LIKE, SHALL BE CORRECTED BY SANDBLASTING OR BY ANY OTHER TYPE OF MECHANICAL DEVICE WHICH WILL EFFECTIVELY REMOVE THE PAINT WITHOUT DAMAGE TO THE PAVEMENT SURFACE.

7. DIMENSION AND ALIGNMENT TOLERANCE:

- A. NO MARKING SHALL BE LESS THAN THE INDICATED WIDTH. NO MARKING SHALL EXCEED THE INDICATED WIDTH BY MORE THAN 1/8 INCH.
B. CORRECTIONS OF VARIATION IN THE WIDTH OF, AND THE ALIGNMENT OF STRIPS SHALL NOT BE MADE ABRUPTLY BUT THE STRIPES SHOULD BE RETURNED TO THE DESIGN WIDTH AT THE RATE OF AT LEAST 10 FEET FOR EACH 1/2 INCH OF CORRECTION.
C. WHERE A STRIPE DEVIATES FROM THE CORRECT ALIGNMENT, AS INDICATED BY THE STRIPE LINE, BY MORE THAN ONE INCH IN ANY 20 FOOT LENGTH, IT SHALL BE OBLITERATED AND THE STRIPE CORRECTED.

PAVING, GRADING AND DRAINAGE NOTES:

- 1. SUBGRADE SHALL BE CONSTRUCTED AS SHOWN ON THE DETAIL DRAWINGS. THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. THE SUBGRADE SHALL HAVE FBV OF 75 PSI.
2. STABILIZED SUBGRADE SHALL BE CONSTRUCTED AS SHOWN ON THE DETAIL DRAWINGS AND IN ACCORDANCE WITH SECTION 160 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE STABILIZED SUBGRADE SHALL BE TYPE B AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY TEST METHOD OF AASHTO T-180. THE STABILIZED SUBGRADE SHALL HAVE A LIMEROCK BEARING RATIO OF 100.
3. SHELL ROCK BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 250 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE SHELL ROCK BASE SHALL BE AS SHOWN ON THE DETAIL DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. THE SHELL ROCK SHALL HAVE A MINIMUM OF 40 PERCENT OF CARBONATES OF CALCIUM AND MAGNESIUM IN THE MATERIAL.
4. CEMENTED COQUINA SHELL BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 250 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE SHELL ROCK BASE SHALL BE AS SHOWN ON THE DETAIL DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. THE CEMENTED COQUINA SHELL MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 915 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
5. LIMEROCK BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 200 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE LIMEROCK BASE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
6. PRIME COAT SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. PRIME COAT SHALL BE RC-70 OR ASPHALT EMULSION PRIME (AEP). PRIME COAT SHALL BE APPLIED AT A RATE OF APPLICATION NOT LESS THAN 0.10 GALLONS PER SQUARE YARD FOR LIMEROCK BASES AND NOT LESS THAN 0.15 GALLONS PER SQUARE YARD FOR SHELL ROCK OR COQUINA SHELL BASES.
7. TACK COAT SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. TACK COAT SHALL BE EMULSIFIED ASPHALT GRADES RS-2, CRS-2, OR ASPHALT EMULSION PRIME (AEP). TACK COAT SHALL BE APPLIED AT A RATE OF APPLICATION BETWEEN 0.02 AND 0.08 GALLONS PER SQUARE YARD.
8. TYPE S-I ASPHALTIC CONCRETE SURFACE COURSE SHALL BE COMPOSED OF A MIXTURE OF AGGREGATE, MINERAL FILLER, IF NEEDED, AND ASPHALT CEMENT. THE CONSTITUENTS OF THE MIXTURE SHALL BE COMBINED IN SUCH PROPORTIONS AS TO PRODUCE A MIXTURE HAVING A STABILITY WITHIN THE LIMITS IN THE FDOT "STANDARD SPECIFICATIONS". THE JOB MIX FORMULA, SIZE AND PERCENT OF AGGREGATES SHALL BE AS SPECIFIED IN THE FDOT "STANDARD SPECIFICATIONS". THE THICKNESS OF THE SURFACE COURSE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS.
9. TYPE S-II ASPHALTIC CONCRETE SURFACE COURSE SHALL BE COMPOSED OF A MIXTURE OF AGGREGATE, MINERAL FILLER, IF NEEDED, AND ASPHALT CEMENT. THE CONSTITUENTS OF THE MIXTURE SHALL BE COMBINED IN SUCH PROPORTIONS AS TO PRODUCE A MIXTURE HAVING A STABILITY WITHIN THE LIMITS IN THE FDOT "STANDARD SPECIFICATIONS". THE JOB MIX FORMULA, SIZE AND PERCENT OF AGGREGATES SHALL BE AS SPECIFIED IN THE FDOT "STANDARD SPECIFICATIONS". THE THICKNESS OF THE SURFACE COURSE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS.
10. ALL UNSUITABLE MATERIAL SUCH AS MUCK, MARL AND DEBRIS SHALL BE COMPLETELY REMOVED TO 10 FEET OUTSIDE THE EDGE OF THE PAVEMENT ON EACH SIDE. IF HARDPAN IS ENCOUNTERED IN SWALES, IT SHALL BE REMOVED TO A DEPTH OF 2 FEET AT THE SWALE INVERT AND BACKFILLED WITH CLEAN GRANULAR MATERIAL.
11. SEQUENCING OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF ANY KIND THAT WILL COME UNDER THE PAVEMENT OR WITHIN TEN FEET OF THE EDGE OF PAVEMENT SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF THE BASE COURSE.
12. PAVEMENT TRAFFIC STRIPES AND MARKINGS SHALL BE IN ACCORDANCE WITH SECTION 710 AND 711 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC OPERATION STANDARDS INDEX NO. 17346, LATEST REVISION, AND/OR MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND/OR PALM BEACH COUNTY TRAFFIC DEPARTMENT TYPICAL T-P-99-001.
13. REINFORCED CONCRETE PIPE SHALL MEET THE REQUIREMENTS OF ASTM C-76 AND SECTIONS 125, 430 AND 941 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE CLASS OF PIPE SHALL BE CLASS III UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DRAWINGS.
14. CORRUGATED STEEL PIPE SHALL MEET THE REQUIREMENTS OF AASHTO M36 AND SECTIONS 125, 430 AND 945 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE PIPE SHALL BE BITUMINOUS COATED.
15. CORRUGATED ALUMINUM PIPE SHALL MEET THE REQUIREMENTS OF AASHTO M196 AND SECTIONS 125, 430 AND 945 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
16. ALL DRAINAGE PIPE SHALL BE POLYVINYL CHLORIDE OR CORRUGATED EXTERIOR/SMOOTH INTERIOR POLYETHYLENE PIPE SUITABLE FOR H2O LOADING. ALL PIPE SHALL MEET APPLICABLE ASTM AND AASHTO STANDARDS AND FDOT STANDARDS PER SECTION 945 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
17. MEASUREMENT OF THE LENGTH OF PIPE SHALL BE FROM THE CENTER OF THE STRUCTURE TO THE CENTER OF THE STRUCTURE.
18. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THREE (3) CERTIFIED COPIES OF A CHEMICAL AND SIEVE ANALYSIS OF THE SHELL ROCK BY A STATE OF FLORIDA CERTIFIED LAB WHEN CONSTRUCTING A SHELL ROCK BASE FOR ROADWAY.
19. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITTING REQUIREMENTS. COMPLIANCE INCLUDES SUBMITTAL OF A NOTICE OF INTENT (NOI) FOR CONSTRUCTION ACTIVITIES WITH AN ATTACHED STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE NOI AND SWPPP SHALL BE SUBMITTED TO ALL APPLICABLE AGENCIES.

CONTRACTOR'S RESPONSIBILITIES:

- 1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE PRIOR TO BIDDING THE WORK AND TO PERFORM SUCH TESTS, STUDIES AND SURVEYS AS DEEMED NECESSARY TO SATISFY THE CONTRACTOR AS TO THE ACTUAL SURFACE AND SUBSURFACE CONDITIONS EXISTING AT THE SITE. ACTUAL CONDITIONS THAT DIFFER FROM THOSE SHOWN ON DRAWINGS SHALL NOT CONSTITUTE FOR EXTRA PAYMENT.
2. THE CONTRACTOR SHALL CHECK ALL DRAWINGS FURNISHED TO HIM AND SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES. ANYTHING SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS OR MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS SHALL BE OF LIKE EFFECT AS IF SHOWN OR MENTIONED IN BOTH.
3. NO CONSTRUCTION SHALL COMMENCE UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR IS ISSUED A NOTICE TO PROCEED.
4. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, RULES AND REGULATIONS, INCLUDING BUT NOT LIMITED TO: UTILITY, COUNTY, CITY AND STATE.
5. THE CONTRACTOR SHALL CALL SUNSHINE (811) 48 HOURS BEFORE DIGGING FOR FIELD LOCATIONS OF UNDERGROUND UTILITIES.
6. THE CONTRACTOR SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ADVANCE OF CONSTRUCTION.
7. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF ANY UNDERGROUND GAS PIPE.
8. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED CABLE, SANITARY LINES, AND WATER LINES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION FOR THE PROTECTION OF EXISTING AND NEWLY INSTALLED UTILITIES, STRUCTURES, PAVEMENT, ETC. FROM DAMAGE OR DISRUPTION OF SERVICE AND SHALL PROTECT THE OWNER AGAINST ANY CLAIMS THAT MAY ARISE AS A RESULT OF CONSTRUCTION ACTIVITIES. REPAIRS OF SUCH UTILITIES, STRUCTURES, PAVEMENT, ETC. SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND ALL REGULATORY AGENCIES.
10. IF THE CONTRACTOR, IN THE COURSE OF THE WORK, FINDS ANY DISCREPANCY BETWEEN THE DRAWINGS AND THE PHYSICAL CONDITIONS, OR ANY ERROR OR OMISSIONS IN THE DRAWINGS, IN THE LAYOUT AS GIVEN BY THE POINTS AND INSTRUCTIONS, OR DISCOVERS UNFORESSEEN BE THE CONTRACTOR'S DUTY TO IMMEDIATELY INFORM THE ENGINEER IN WRITING, AND THE ENGINEER SHALL PROMPTLY CHECK THE ACCURACY OF THE INFORMATION. ANY WORK DONE AFTER SUCH DISCOVERY, UNTIL NECESSARY CHANGES ARE AUTHORIZED WILL BE DONE AT THE CONTRACTOR'S RISK.
11. DURING ALL UNDERGROUND CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE APPROPRIATE CLEARANCES FROM ANY PROPOSED OR EXISTING UTILITIES OR STRUCTURES, AS REQUIRED BY THE PLANS, SPECIFICATION, UTILITY AUTHORITY, AND ANY GOVERNING AGENCY. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY IF THE APPROPRIATE CLEARANCE IS NOT AVAILABLE.
12. REGULATIONS AND LEGAL REQUIREMENTS REGARDING WORK HOURS SHALL BE IN ACCORDANCE WITH LOCAL BUILDING CODES.
13. UPON COMPLETION OF THE WORK SPECIFIED IN THESE PLANS, THE ENGINEER WILL CONDUCT A FINAL INSPECTION. FINAL PAYMENT TO THE CONTRACTOR WILL NOT BE APPROVED UNTIL THE PROJECT IS CERTIFIED AS COMPLETE BY THE ENGINEER.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING, "AS-BUILT" INFORMATION, AND ALL REQUIRED DENSITY TESTING, AND SHALL PROVIDE ALL "AS-BUILT" INFORMATION AND TEST RESULTS TO THE ENGINEER.
15. ALL UTILITY LINE TESTING AND SAMPLING SHALL BE IN ACCORDANCE WITH UTILITY AND HEALTH DEPARTMENT CRITERIA. A MINIMUM OF 24 HOUR NOTICE MUST BE PROVIDED PRIOR TO TESTING.
16. ALL CONCRETE SHALL BE 3000 p.s.i. UNLESS OTHERWISE NOTED.
17. SOD SHALL MATCH EXISTING UNLESS OTHERWISE NOTED.
18. SIDEWALK SHALL MATCH EXISTING UNLESS OTHERWISE NOTED.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE PLANS.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFETY TO THE WORKERS IN ACCORDANCE WITH OSHA REQUIREMENTS AND THE SAFETY OF THE GENERAL PUBLIC.
21. CONTRACTOR TO FURNISH COMPOSITE UTILITY PLAN IN ACCORDANCE WITH THE CITY OF DELRAY BEACH LDR SECTION 2.4.3(F)(4) AT THE TIME OF OBTAINING BUILDING PERMIT.
22. CONTRACTOR TO FURNISH FINANCIAL GUARANTEE IN ACCORDANCE WITH THE CITY OF DELRAY BEACH LDR SECTION 2.4.10 FOR APPLICABLE ITEMS INDICATED IN LDR SECTION 2.4.10(A) AT THE TIME OF OBTAINING BUILDING PERMIT.

GENERAL NOTES:

- 1. CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID SURVEY MARKERS DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF PERMANENT REFERENCE MONUMENTS DISTURBED DURING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.
2. ALL UNSUITABLE MATERIAL SUCH AS MUCK, MARL, AND DEBRIS SHALL BE REMOVED AND PROPERLY DISPOSED OF WITHIN THE LIMITS OF CONSTRUCTION. CLEAN GRANULAR MATERIAL SHALL BE USED AS BACKFILL AND PLACED IN 12 INCH LIFTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE PLANS. UTILITIES SHOWN ON THE PLANS ARE FOR REFERENCE ONLY AND MAY NOT SHOW ACTUAL LOCATIONS. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR LOCATION AND DEPTH OF THEIR LINES PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE DE-ENERGIZING OF POWER LINES AND/OR HOLDING POWER LINES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE REPLACEMENT OF TRAFFIC LOOPS IF DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR SHALL GIVE THE ENGINEER 48 HOURS NOTICE PRIOR TO REQUESTING REQUIRED INSPECTIONS AND SHALL SUPPLY ALL EQUIPMENT NECESSARY TO PROPERLY TEST AND INSPECT THE COMPLETED WORK.
7. MINIMUM FINISHED FLOOR ELEVATION(S) SHALL BE ABOVE THE FEMA FLOOD HAZARD ELEVATION, OR 18 INCHES ABOVE MINIMUM ROAD CROWN ELEVATION, WHICHEVER IS GREATER.
8. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OR INSTALLATION AS REQUIRED BY THE ENGINEER OR BY APPROPRIATE GOVERNING AGENCIES.
9. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AND PAY FOR, AT NO ADDITIONAL COST TO THE OWNER, ALL NECESSARY PERMITS, FEES AND LICENSES.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING THE REQUIRED NOTICES AND COMPLYING WITH ALL PERMIT(S) CONDITIONS.
11. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE HOLDING OF OTHER UTILITY POLES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
12. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL UTILITY.
13. ENGENUITY GROUP, INC. SHALL NOT BE RESPONSIBLE FOR THE SAFETY OF THE WORKERS OR THE GENERAL PUBLIC. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFETY TO THE WORKERS IN ACCORDANCE WITH OCCUPATIONAL SAFETY & HEALTH ADMINISTRATIONS (OSHA) REQUIREMENTS AND FOR THE SAFETY OF THE GENERAL PUBLIC.
14. CONTRACTOR SHALL ASSURE THAT ALL TRENCHES MORE THAN FIVE FEET DEEP WILL HAVE TRENCH PROTECTION PER THE TRENCH SAFETY ACT. THE METHOD OF TRENCH PROTECTION THE CONTRACTOR SELECTS MUST BE IN COMPLIANCE WITH OSHA REGULATIONS.
15. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR IS TO INCLUDE IN THEIR BID PACKAGE, PER THE TRENCH SAFETY ACT, ONE ITEM OF COST PERTAINING TO TRENCH PROTECTION.

GENERAL:

- 1. WORK INCLUDED:
A. THE CONTRACTOR SHALL FURNISH ALL LABOR, SUPERINTENDENCE, QUALITY CONTROL, MATERIALS, PLANT, POWER, LIGHT, HEAT, FUEL, WATER, TOOLS, APPLIANCES, EQUIPMENT, SUPPLIES, AND OTHER MEANS OF CONSTRUCTION NECESSARY AND PROPER FOR PERFORMING AND COMPLETING THE WORK. CONTRACTOR SHALL PERFORM AND COMPLETE THE WORK IN THE MANNER BEST CALCULATED TO PROMOTE SCHEDULED CONSTRUCTION CONSISTENT WITH SAFETY OF LIFE AND PROPERTY AND TO THE SATISFACTION OF THE OWNER, AND IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CLEAN UP THE WORK, MAINTAIN IT DURING CONSTRUCTION, AND PAY ALL COSTS INCIDENTAL THERETO. CONTRACTOR SHALL REPAIR OR RESTORE ALL STRUCTURES AND PROPERTY THAT MAY BE DAMAGED OR DISTURBED DURING PERFORMANCE OF THE WORK. THE COST OF INCIDENTAL WORK DESCRIBED IN THESE GENERAL REQUIREMENTS, FOR WHICH THERE ARE NO SPECIFIC CONTRACT ITEMS, SHALL BE CONSIDERED AS PART OF THE GENERAL COST OF DOING THE WORK AND SHALL BE INCLUDED IN THE PRICES FOR THE VARIOUS CONTRACT ITEMS. NO ADDITIONAL PAYMENT WILL BE MADE THEREFORE.
C. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUCH MODERN PLANT, TOOLS, AND EQUIPMENT AS MAY BE NECESSARY IN THE OPINION OF THE ENGINEER, TO PERFORM IN A SATISFACTORY AND ACCEPTABLE MANNER ALL THE WORK REQUIRED BY THE CONTRACT. ONLY EQUIPMENT OF ESTABLISHED REPUTATION AND PROVEN EFFICIENCY SHALL BE USED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUACY OF WORKMANSHIP, MATERIALS AND EQUIPMENT. PRIOR APPROVAL OF THE ENGINEER NOTWITHSTANDING.
D. THE CONTRACTOR SHALL GIVE THE ENGINEER 48 HOURS NOTICE PRIOR TO REQUESTING REQUIRED INSPECTIONS AND SHALL SUPPLY ALL EQUIPMENT NECESSARY TO PROPERLY TEST AND INSPECT THE COMPLETED WORK.
2. MOBILIZATION:
A. PERFORM PREPARATORY WORK AND OPERATIONS IN MOBILIZING FOR BEGINNING WORK ON THE PROJECT, INCLUDING, BUT NOT LIMITED TO, THOSE OPERATIONS NECESSARY FOR THE MOVEMENT OF PERSONNEL, EQUIPMENT, SUPPLIES, AND INCIDENTALS TO THE PROJECT SITE AND FOR THE ESTABLISHMENT OF TEMPORARY OFFICES, BUILDINGS, SAFETY EQUIPMENT AND FIRST AID SUPPLIES, AND OTHER FACILITIES. INCLUDE THE COSTS OF BONDS AND ANY REQUIRED INSURANCE AND ANY OTHER PRE-CONSTRUCTION EXPENSE NECESSARY FOR THE START OF THE WORK, EXCLUDING THE COST OF CONSTRUCTION MATERIALS.
3. MAINTENANCE OF TRAFFIC:
A. PREPARE AND SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR REVIEW. A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA OR A PERSON THAT HAS SATISFACTORILY COMPLETED THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION "FLORIDA ADVANCED WORK ZONE TRAFFIC CONTROL COURSE" SHALL PREPARE THE PLAN. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN TRAFFIC CONTROL THROUGH THE WORK AREA FOR THE DURATION OF CONSTRUCTION. PROVIDE TRAFFIC CONTROL DEVICES THAT ARE ON THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "QUALIFIED PRODUCT LIST".
4. PROVISIONS FOR CONTROL OF POLLUTION:
A. SUFFICIENT PRECAUTIONS SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT THE RUN-OFF OF POLLUTING SUBSTANCES SUCH AS SILT, CLAY, FLUES, OILS, BITUMENS OR OTHER POLLUTING MATERIALS HARMFUL TO HUMANS, FISH, OR OTHER LIFE. THE USE OF MATERIALS AND SURFACE TREATMENTS OF FLORIDA CONTROL MEASURES MUST BE ADEQUATE TO ASSURE THAT TURBIDITY IN THE RECEIVING WATER WILL NOT BE INCREASED MORE THAN 20 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND UNLESS OTHERWISE PERMITTED. SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT OPERATIONS WHICH PROMOTE EROSION, EROSION EVIDENT WITHIN THE LIMITS OF CONSTRUCTION OR OTHER AREAS AFFECTED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
B. FILL OUT A NOTICE OF INTENT FORM (FDEP FORM 62-921.309(4)(B)) AND SUBMIT IT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
5. PROGRESS SCHEDULE:
A. PREPARE A CONSTRUCTION PROGRESS SCHEDULE COVERING ALL THE WORK INVOLVED IN THE CONTRACT. THIS INCLUDES SUBMITTAL AND APPROVAL OF SHOP DRAWINGS ON CRITICAL ITEMS, FABRICATION AND DELIVERY OF IDENTIFIABLE MATERIALS AND EQUIPMENT. SPECIFIC ITEMS OR WORK IN THE SCOPE, INTERFACES REQUIRED WITH OTHER CONTRACTS THAT MAY BE PART OF AN OVERALL PROJECT, AND SPECIFIC DEPENDENCIES UPON ACTS OR ACTIVITIES OF PARTIES NOT UNDER THE CONTROL OF CONTRACTOR. THE BAR GRAPH METHOD OR CRITICAL PATH METHOD ARE ACCEPTABLE FOR SCHEDULING CONSTRUCTION ACTIVITY.
6. SHOP DRAWINGS, PRODUCT DATA AND SAMPLES:
A. SUBMIT COPIES OF ALL REQUIRED SHOP DRAWINGS, PRODUCT DATA AND SAMPLES FOR ENGINEER'S REVIEW.
B. SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND TRANSMITTAL LETTERS PERTAINING THERETO SHALL BE IDENTIFIED WITH THE TITLE OF THE PROJECT, SUBMISSION DATE, AND THE CONTRACTOR'S ACKNOWLEDGEMENT THAT HE HAS REVIEWED THEM AND FOUND THEM ACCEPTABLE.
C. NOTIFY ENGINEER IN WRITING, AT THE TIME OF SUBMITTAL, OF ANY DEVIATIONS IN THE SUBMITTALS FROM THE REQUIREMENTS OF THE CONTACT DOCUMENTS.
D. THE REVIEW AND APPROVAL OF SHOP DRAWINGS, SAMPLES OR PRODUCT DATA BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM HIS/her RESPONSIBILITY WITH REGARD TO THE FULFILLMENT OF THE TERMS OF THE CONTRACT DOCUMENTS. ALL RISKS OF ERROR AND OMISSION ARE ASSUMED BY THE CONTRACTOR AND THE ENGINEER WILL HAVE NO RESPONSIBILITY THEREFORE.
7. BORING LOGS, OTHER REPORTS AND DRAWINGS UTILIZED BY ENGINEER:
A. BORING LOGS, OTHER REPORTS AND DRAWINGS UTILIZED BY ENGINEER, IF ENCLOSED, ARE PROVIDED FOR CONTRACTOR'S INFORMATION AND ARE NOT A PART OF THE CONTRACT DOCUMENTS. THERE IS NO TECHNICAL DATA IN THE BORING LOGS, OTHER REPORTS OR DRAWINGS THAT SHOULD BE RELIED ON BY THE CONTRACTOR.
8. CONSTRUCTION STAKING AND RECORD DRAWINGS:
A. THE BASELINES AND BENCHMARKS FOR PRIMARY CONTROL, NECESSARY TO ESTABLISH LINES AND GRADES NEEDED FOR CONSTRUCTION ARE SHOWN ON THE DRAWINGS. THESE BASELINES AND BENCHMARKS SHALL BE USED AS THE ORIGIN OF ALL SURVEYS, LAYOUTS AND MEASUREMENTS TO ESTABLISH CONSTRUCTION LINES AND GRADES. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT THE LOSS OR DAMAGE OF PRIMARY CONTROL POINTS. ANY STAKES AND/OR CONTROL POINTS LOST OR DAMAGED BY CONSTRUCTION ACTIVITY WILL BE RE-ESTABLISHED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO OWNER.
B. CONSTRUCTION STAKING AND RECORD DRAWINGS SHALL BE PERFORMED BY A PROFESSIONAL SURVEYOR AND MAPPER LICENSED IN THE STATE OF FLORIDA. DESIGN DATA SHALL BE LINED-OUT.
C. RECORD DATA SHALL BE ADDED NEXT TO EACH LINED-OUT DESIGN DIMENSION OR ELEVATION.
D. REQUIRED RECORD DRAWING INFORMATION
DRAINAGE:
• RIMGRATE ELEVATIONS ON INLETS AND MANHOLES.
• FLOWLINE ELEVATIONS OF PIPES.
• LINEAR DISTANCE ALONG PIPES FROM STRUCTURE TO STRUCTURE.
• RECALCULATED PIPE SIZES BASED ON FLOWLINE ELEVATIONS AND DISTANCE BETWEEN STRUCTURES.
• HORIZONTAL LOCATION OF INLETS, MANHOLES AND STRUCTURES BASED ON STATIONING/COORDINATE/DIMENSIONING
DRAWINGS:
• TOP OF PIPE/BOTTOM OF PIPE ELEVATIONS AS APPLICABLE AT ALL PIPE CROSSINGS.
GRADING:
• VERIFY ALL ELEVATIONS ON DRAWINGS.
ROADWAYS:
• ALIGNMENT TIES FOR ROAD CENTERLINES AT ALL INTERSECTIONS AND HORIZONTAL CURVES (PC AND PT).
• HORIZONTAL AND VERTICAL GEOMETRY.
STORMWATER MANAGEMENT:
• TOP OF BANK AND BOTTOM ELEVATIONS OF RETENTION/DETENTION AREAS.
• CROSS SECTION LAKE SIDE SLOPES FROM TOP OF BANK TO BOTTOM OF TOE AT 200 FEET ON CENTER.
WATER AND SEWER:
• AS REQUIRED BY LOCAL UTILITY OWNER.
9. PROTECTION/ADJUSTMENT OF UTILITIES:
A. UTILITY INSTALLATIONS AND STRUCTURES SHALL BE UNDERSTOOD TO INCLUDE ALL POLES, TRACKS, PIPES, WIRES, CONDUITS, HOUSE SERVICE CONNECTIONS, VAULTS, MANHOLES AND ALL OTHER APPURTENANCES AND FACILITIES PERTAINING THERETO WHETHER OWNED OR CONTROLLED BY THE OWNER, OTHER GOVERNMENTAL BODIES OR PRIVATELY OWNED BY INDIVIDUALS, FIRMS, OR CORPORATIONS, USED TO SERVE THE PUBLIC WITH TRANSPORTATION, TRAFFIC CONTROL, GAS, ELECTRICITY, TELEPHONE, SEWERAGE, DRAINAGE, WATER OR OTHER PUBLIC OR PRIVATE PROPERTY WHICH MAY BE AFFECTED BY THE WORK.
B. CONTRACTOR SHALL PROTECT ALL UTILITY INSTALLATIONS AND STRUCTURES FROM DAMAGE DURING WORK. ACCESS ACROSS ANY BURIED PUBLIC UTILITY INSTALLATION OR STRUCTURE SHALL BE MADE ONLY IN SUCH LOCATIONS AND BY MEANS APPROVED BY THE UTILITY OWNER. THE CONTRACTOR SHALL SO ARRANGE OPERATIONS AS TO AVOID ANY DAMAGE TO THESE FACILITIES. ALL REQUIRED PROTECTIVE DEVICES AND CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR. ALL EXISTING PUBLIC UTILITIES DAMAGED BY THE CONTRACTOR WHICH ARE SHOWN ON THE DRAWINGS OR HAVE BEEN LOCATED IN THE FIELD BY THE UTILITY OWNER SHALL BE REPAIRED BY THE CONTRACTOR.
C. PUBLIC UTILITY INSTALLATIONS OR STRUCTURES OWNED OR CONTROLLED BY THE OWNER OR OTHER GOVERNMENTAL BODY, WHICH ARE SHOWN ON THE DRAWINGS TO BE REMOVED, RELOCATED, REPLACED OR REBUILT BY THE CONTRACTOR SHALL BE INCLUDED IN THE PRICES BID FOR THE VARIOUS CONTRACT ITEMS. NO SEPARATE PAYMENTS SHALL BE MADE THEREFORE.
D. WHERE PUBLIC UTILITY INSTALLATIONS OR STRUCTURES OWNED OR CONTROLLED BY THE OWNER OR OTHER GOVERNMENTAL BODY ARE ENCOUNTERED DURING THE COURSE OF THE WORK, AND ARE NOT INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS, AND WHEN IN THE OPINION OF THE ENGINEER, REMOVAL, RELOCATION, REPLACEMENT OR REBUILDING IS NECESSARY TO COMPLETE THE WORK UNDER THIS CONTRACT, SUCH WORK SHALL BE ACCOMPLISHED BY THE UTILITY HAVING JURISDICTION, OR SUCH WORK MAY BE ORDERED, IN WRITING BY THE ENGINEER, FOR THE CONTRACTOR TO ACCOMPLISH. IF SUCH WORK IS ACCOMPLISHED BY THE UTILITY HAVING JURISDICTION IT WILL BE CARRIED OUT EXPEDITIOUSLY AND THE CONTRACTOR SHALL GIVE FULL COOPERATION TO PERMIT THE UTILITY TO COMPLETE THE REMOVAL, RELOCATION, REPLACEMENT OR REBUILDING AS REQUIRED. IF SUCH WORK IS ACCOMPLISHED BY THE CONTRACTOR, IT WILL BE IN ACCORDANCE WITH THE GENERAL AND SUPPLEMENTARY CONDITIONS.
E. CONTRACTOR SHALL GIVE WRITTEN NOTICE TO OWNER AND GOVERNMENTAL UTILITY DEPARTMENTS AND OTHER OWNERS OF PUBLIC UTILITIES OF THE LOCATION OF THE PROPOSED CONSTRUCTION OPERATIONS, AT LEAST SEVENTY-TWO (72) HOURS IN ADVANCE OF BREAKING GROUND IN ANY AREA OR ON ANY UNIT OF THE WORK.
F. THE MAINTENANCE, REPAIR, REMOVAL, RELOCATION OR REBUILDING OF PUBLIC UTILITY INSTALLATIONS AND STRUCTURES, WHEN ACCOMPLISHED BY THE CONTRACTOR AS HERIN PROVIDED, SHALL BE DONE BY METHODS APPROVED BY THE UTILITY OWNER.
10. FIELD OBSERVATIONS AND TESTING:
A. FIELD OBSERVATIONS WILL BE PERFORMED BY ENGINEER AND ALL FIELD TESTING OF MATERIALS WILL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY. THE COST OF PASSING TESTS WILL BE PAID BY OWNER. FAILING TESTS SHALL BE PAID BY THE CONTRACTOR.
B. FOR TESTS SPECIFIED TO BE MADE BY THE CONTRACTOR FOR EQUIPMENT MATERIAL PRIOR TO DELIVERY TO THE PROJECT SITE, THE TESTING PERSONNEL SHALL MAKE THE NECESSARY INSPECTIONS AND TESTS AND THE REPORTS THEREOF SHALL BE IN SUCH FORM AS WILL FACILITATE CHECKING TO DETERMINE COMPLIANCE WITH THE CONTRACT DOCUMENTS. COPIES OF THE REPORTS SHALL BE SUBMITTED AND AUTHORITY CERTIFICATION THEREOF MUST BE FURNISHED TO THE ENGINEER AS A PREREQUISITE FOR THE ACCEPTANCE OF ANY MATERIAL OR EQUIPMENT.
C. IF, IN THE MAKING OF ANY TEST OF ANY MATERIAL, IT IS ASCERTAINED BY THE ENGINEER THAT THE MATERIAL DOES NOT COMPLY WITH THE CONTRACT, THE CONTRACTOR WILL BE NOTIFIED THEREOF AND WILL BE DIRECTED TO REFRAIN FROM DELIVERING SAID MATERIAL, OR TO REMOVE IT PROMPTLY FROM THE SITE OR FROM THE WORK AND REPLACE IT WITH ACCEPTABLE MATERIAL, WITHOUT ADDITIONAL COST TO THE OWNER.
D. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE PROPER OPERATION OF MATERIAL DURING TESTS AND CONSTRUCTION PERIODS AND SHALL NEITHER HAVE NOR MAKE ANY CLAIM FOR DAMAGE THAT MAY OCCUR TO MATERIAL PRIOR TO THE TIME WHEN THE OWNER FORMALLY TAKES OVER THE OPERATION THEREOF.
E. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING FIELD TESTING.
F. PIPE TRENCHES SHALL BE TESTED AT RANDOMLY SELECTED LOCATIONS ALONG THE LENGTH OF EACH PIPE RUN WITHIN EACH 300' INTERVAL (MAXIMUM) AND BETWEEN EACH SET OF TWO STRUCTURES IF A PIPE RUN SEPARATING THE TWO IS LESS THAN 300' IN LENGTH.
G. ALL PIPE AND STRUCTURE TRENCHES SHALL BE BACKFILLED USING A MAX. OF 12" LIFTS. ALL EACH PIPERIAL MATERIAL SHALL BE CLEAN, DRY STRUCTURAL FILL, WITH NO DELETERIOUS OR ORGANIC MATERIAL PRESENT.
H. AT LEAST ONE TEST SHALL BE PERFORMED FOR EVERY 12' OF DEPTH, STARTING AT THE SPRINGLINE OF THE PIPE, COVERING THE 12" LAYER BELOW THE SPRINGLINE OF THE PIPE.
I. DENSITY TESTS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER, LICENSED IN THE STATE OF FLORIDA.
J. SUBGRADE COMPACTION SHALL BE CHECKED AT 200 FOOT INTERVALS.
K. FOR CURB AND SIDEWALK CHECK CONCRETE SLUMP AND OBTAIN A SET OF TEST CYLINDERS EVERY 800-1000 FEET.
L. BASE ROCK - ANALYZE MATERIAL, WHEN IT IS DELIVERED TO THE SITE FOR COMPLIANCE WITH THE SPECIFICATIONS. CHECK COMPACTION AT 300 FOOT INTERVALS BUT ALTERNATE LEFT SIDE TO RIGHT SIDE.
M. ASPHALT - VERIFY ASPHALT TEMPERATURE AT ARRIVAL TO SITE TO VERIFY COMPLIANCE WITH MIX DESIGN.
N. ALL DENSITY TESTS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER, LICENSED IN THE STATE OF FLORIDA.
O. ALL TESTS AND LOCATIONS ARE SUBJECT TO REVIEW BY REPRESENTATIVES OF OUR OFFICE AND ADDITIONAL TESTS MAY BE REQUIRED BASED ON FIELD OBSERVATIONS OF CONSTRUCTION TECHNIQUES OR MATERIALS USED ON SITE.
11. SALVAGE MATERIAL:
A. ALL SALVAGEABLE MATERIAL AND EQUIPMENT REMOVED FROM THE EXISTING CONSTRUCTION FOR WHICH SPECIFIC USE, RELOCATION OR OTHER DISPOSAL IS NOT SPECIFICALLY NOTED ON THE DRAWINGS OR OTHERWISE SPECIFIED, SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO HIM. ALL MATERIAL AND EQUIPMENT NOT IN SALVAGEABLE CONDITION AS DETERMINED BY THE ENGINEER, SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER AT THE CONTRACTOR'S EXPENSE. THE ACTUAL STORAGE SITE FOR SALVAGEABLE MATERIAL WILL BE DESIGNATED BY THE OWNER.
12. CLEANING:
A. DURING CONSTRUCTION OF THE WORK, THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS AND RUBBISH AS IS PRACTICABLE AND SHALL REMOVE THE SAME FROM ANY PORTION OF THE SITE IF, IN THE OPINION OF THE ENGINEER, SUCH MATERIAL, DEBRIS, OR RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE.
B. AT THE CONCLUSION OF THE WORK, ALL TOOLS, TEMPORARY STRUCTURES AND MATERIALS BELONGING TO THE CONTRACTOR SHALL BE PROMPTLY TAKEN AWAY AND CONTRACTOR SHALL REMOVE AND PROMPTLY DISPOSE OF ALL RUBBISH OR ANY OTHER FOREIGN MATERIALS. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL MATERIAL INSTALLED AND SHALL DELIVER SUCH MATERIALS UNDAMAGED IN A CLEAN AND NEW CONDITION.

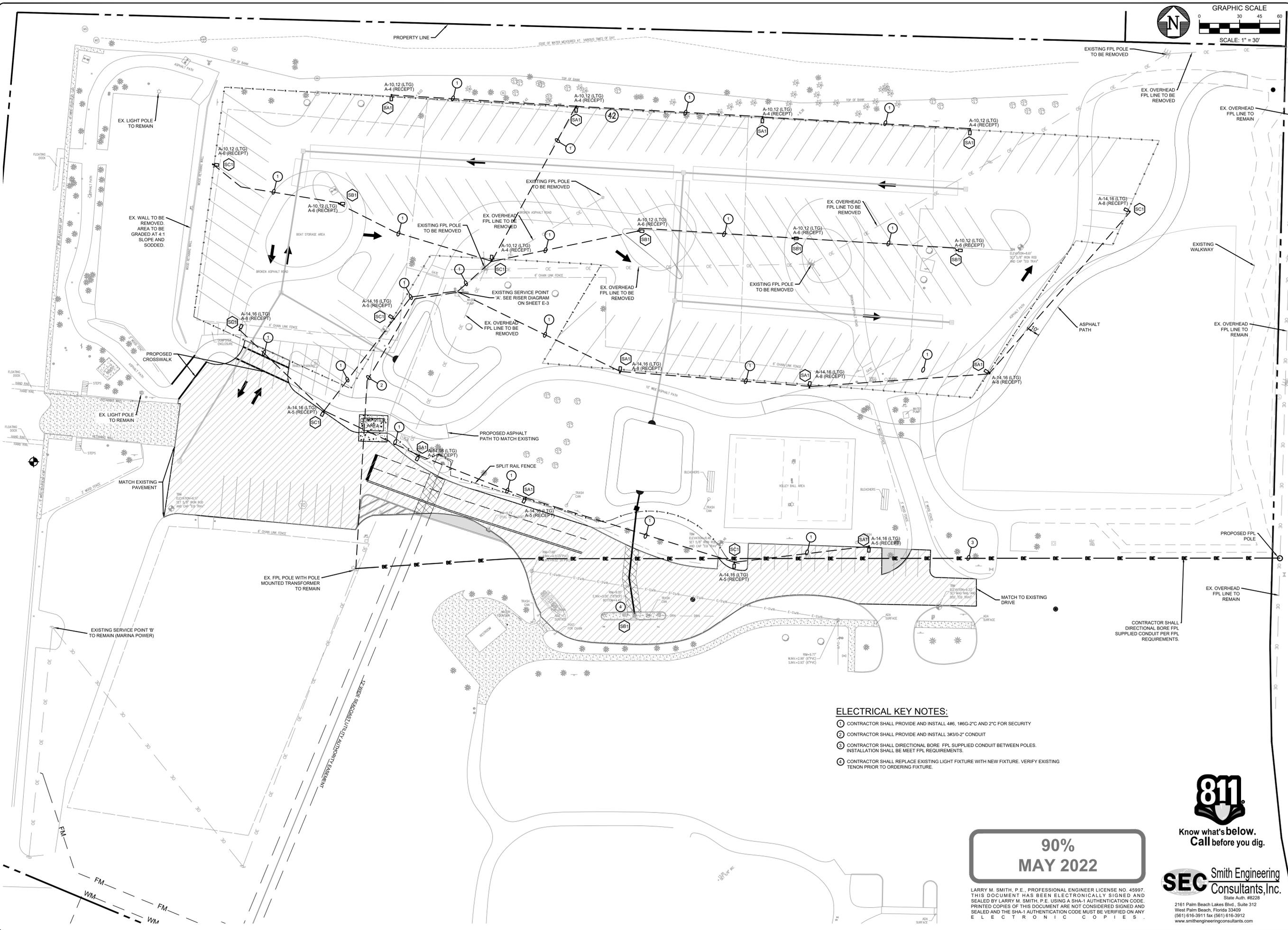
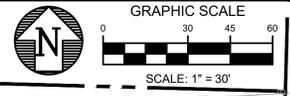
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ANCHORAGE PARK 603 ANCHORAGE DRIVE NORTH PALM BEACH, FLORIDA GENERAL NOTES

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Table with columns: DATE, DRAWN, PROJECT ENGINEER, PROJECT MANAGER, CHECKED. Includes date MAY 2022 and job no. 03045.104.



ELECTRICAL KEY NOTES:

- 1 CONTRACTOR SHALL PROVIDE AND INSTALL 4#6, 1#6G-2" AND 2" C FOR SECURITY
- 2 CONTRACTOR SHALL PROVIDE AND INSTALL 3#3/0-2" CONDUIT
- 3 CONTRACTOR SHALL DIRECTIONAL BORE FPL SUPPLIED CONDUIT BETWEEN POLES. INSTALLATION SHALL MEET PER FPL REQUIREMENTS.
- 4 CONTRACTOR SHALL REPLACE EXISTING LIGHT FIXTURE WITH NEW FIXTURE. VERIFY EXISTING TENON PRIOR TO ORDERING FIXTURE.

**90%
MAY 2022**



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NO.	DATE	REMARKS	BY

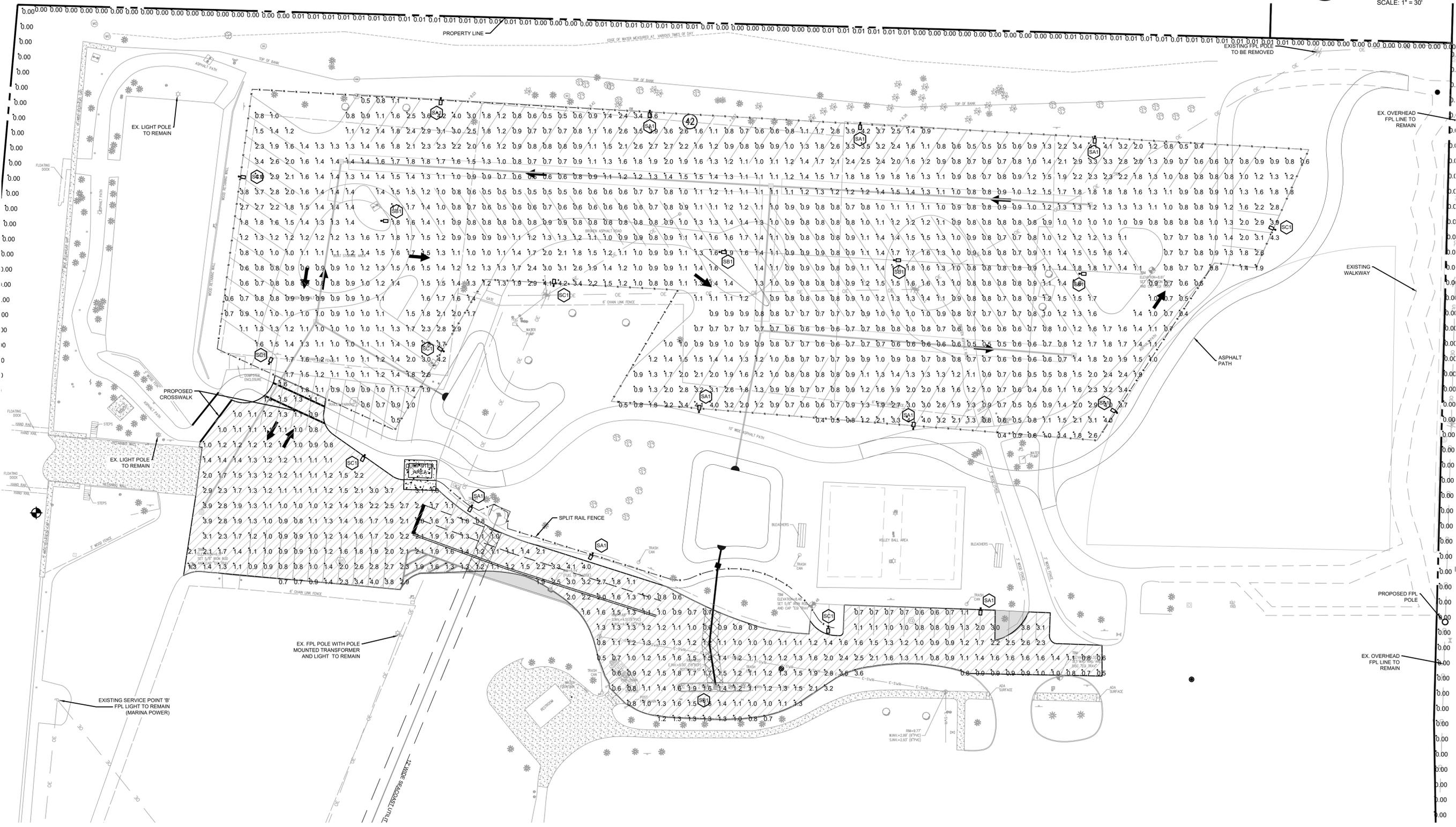
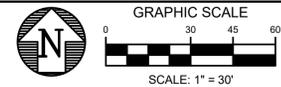
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LARRY M. SMITH, P.E.
NO. 45997

**ANCHORAGE PARK
603 ANCHORAGE DRIVE
NORTH PALM BEACH, FLORIDA
ELECTRICAL SITE PLAN**

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DATE	DRAWN	CHECKED	PROJECT MANAGER	CHECKED
MAY 2022	SPH	ACS	ACS	LMS

JOB NO. 03045.104



NO.	DATE	REMARKS

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NO. 45997

**ANCHORAGE PARK
603 ANCHORAGE DRIVE
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WWW.ENGENUITYGROUP.COM CERTIFICATE OF AUTHORIZATION #7065

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE SPILL	Illuminance	Fc	0.000	0.01	0.00	N.A.	N.A.
GATED PARKING AREA	Illuminance	Fc	1.32	4.3	0.4	3.30	10.75
RAMP ENTRY & CAR PARKING	Illuminance	Fc	1.47	4.1	0.5	2.94	8.20

Luminaire Schedule

Label	Arrangement	Description	LLF	Luminaire Lumens	Luminaire Watts
SA1	Single	ECF-S-32L-1_2A-WW-G2-3-HIS POLE MOUNT 20' AFG	0.900	11239	121.6
SB1	Single	ECF-S-32L-1_2A-WW-G2-5W POLE MOUNT 20' AFG	0.900	14671	121.6
SC1	Single	ECF-S-32L-1_2A-WW-G2-4-HIS POLE MOUNT 20' AFG	0.900	11574	121.6

**90%
MAY 2022**

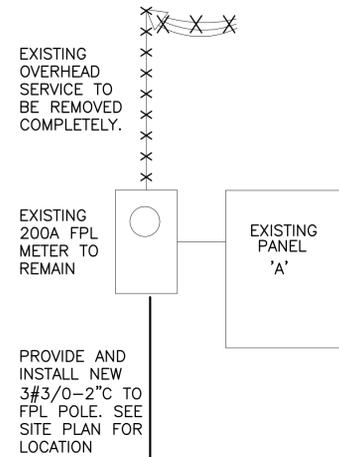
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811
Know what's below.
Call before you dig.

SEC Smith Engineering Consultants, Inc.
State Auth. #8228
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(561) 616-3911 fax (561) 616-3912
www.smithengineeringconsultants.com

DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	CHECKED	JOB NO.
MAY 2022	SPH	ACS	ACS	LMS	E2
					6

03045.104



CONTRACTOR TO COORDINATE WITH FPL FOR CONNECTION INTO FPL PROVIDED HAND HOLE AND STUB CONDUIT INTO PULL BOX.

ELECTRICAL RISER DIAGRAM

SCALE: NOT TO SCALE

SERVICE 'A' CALCULATION

EXISTING IRRIGATION PUMP	2.0 HP
EXISTING PANEL 'A'	7.9 KVA
25% LARGEST MOTOR (2HP)	0.5 HP
125% LIGHTING LOAD	2.9 KVA
SUBTOTAL	13.3 KVA

13.3KVA / (240V) = 55.4 AMPS

THEREFORE THE EXISTING 150A MAIN IS ADEQUATE

FAULT CURRENT CALCULATIONS:

TOTAL CONNECTED LOAD = 13.1 KVA

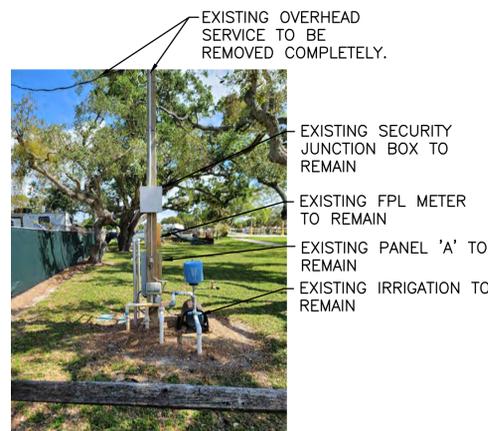
LARGEST ASSUMED UTILITY TRANSFORMER = 100 KVA
= 416.7A @ 240V, 1ϕ

SMALLEST ASSUMED TRANSFORMER IMPEDANCE = 3.5%
= 0.035 p.u.

MAX. AVAILABLE 3ϕ SYMMETRICAL FAULT CURRENT:
(1 ÷ 0.035) x 416.7A = 11,905A

NOTE:

- CONFIRM THE ABOVE WITH THE POWER UTILITY PRIOR TO ORDERING EQUIPMENT. ADVISE THE ENGINEER OF ANY DISCREPANCIES.

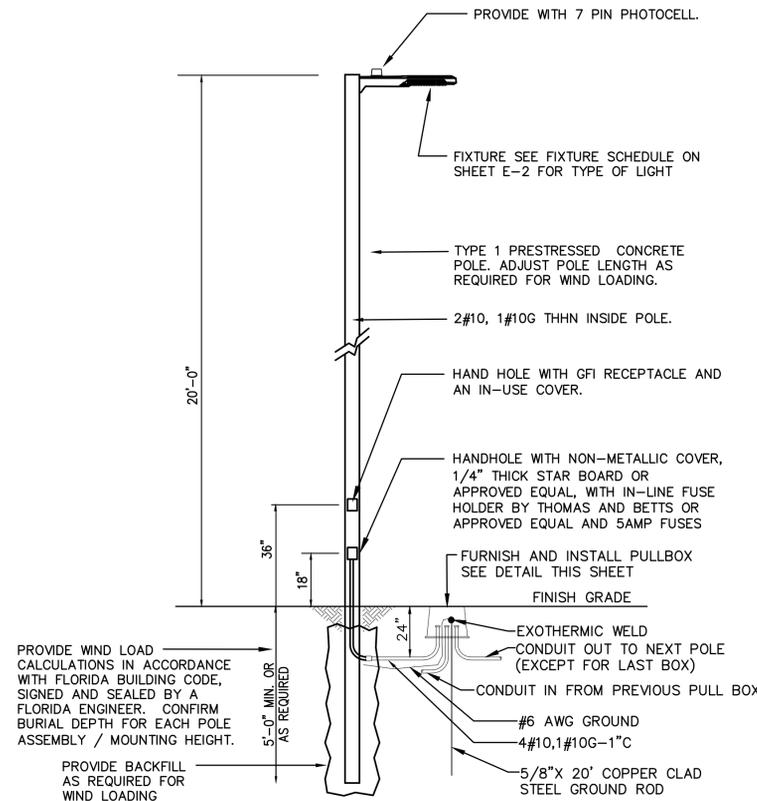


ELECTRICAL SERVICE POLE DETAIL

SCALE: NOT TO SCALE

EXISTING PANEL "A" (1)															
MOUNTING: SURFACE (EXISTING) VOLT: 240/120V, 1ϕ, 3W															
SHORT CIRCUIT RATING: 22K AIC MAIN BUS AMPS: 225 A															
POLES: 30 MAN BREAKER AMPS: 150 A															
FED FROM PANEL: FPL POLE MOUNTED TRANSFORMER MANUFACTURER/TYP: SQ-D															
CKT	LOAD SERVED	POLE	TRIP	WIRE	COND	AMPS 'A'	AMPS 'B'	AMPS 'A'	AMPS 'B'	COND	WIRE	TRIP	POLE	LOAD SERVED	CKT
1	EXISTING IRR. PUMP	2	30	10	1"	25.0	3.0	3/4"	12	20	1	20	1	EXIST. RECEPT	2
3															
5	RECEPTACLE (NOTE 2)	1	20	6	2"	6.0	7.5	2"	6	20	1	20	1	RECEPTACLE (NOTE 2)	4
7	SPACE													RECEPTACLE (NOTE 2)	6
9	SPACE													RECEPTACLE (NOTE 2)	8
11	SPACE													RECEPTACLE (NOTE 2)	10
13	SPACE													RECEPTACLE (NOTE 2)	12
15	SPACE													RECEPTACLE (NOTE 2)	14
17	SPACE													RECEPTACLE (NOTE 2)	16
19	SPACE													RECEPTACLE (NOTE 2)	18
21	SPACE													RECEPTACLE (NOTE 2)	20
23	SPACE													RECEPTACLE (NOTE 2)	22
25	SPACE													RECEPTACLE (NOTE 2)	24
27	SPACE													RECEPTACLE (NOTE 2)	26
29	SPACE													RECEPTACLE (NOTE 2)	28
														RECEPTACLE (NOTE 2)	30
CONNECTED AMPS =						31.0	25.0	24.5	29.0						
TOTAL CONNECTED AMPS =						55.5	54.0	13.14 KVA							

NOTES (1) NEMA 3R ENCLOSURE
(2) PROVIDE NEW CIRCUIT BREAKER



NEW LIGHT POLE DETAIL (TYPICAL)

N.T.S.
NOTE: ALL WIRE CONNECTORS SHALL BE THOMAS AND BETTS FLOOD SEAL SUBMERSIBLE CONNECTOR OR APPROVED EQUAL.

GENERAL NOTES

- SCOPE OF WORK:
 - PROVIDE AND INSTALL NEW POLE WHERE SHOWN. MAKE ALL CONNECTIONS NECESSARY FOR A COMPLETE WORKING SYSTEM IN PLACE.
 - PROVIDE CONDUIT AND WIRING AS NECESSARY.
 - INSTALL FPL PROVIDED CONDUIT
 - MODIFY EXISTING SERVICE POINT 'A'
- THE CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR TO INSTALL THE ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS. ITEMS NOT SHOWN BUT OBVIOUSLY NECESSARY FOR COMPLETION OF THE WORK SHALL BE INCLUDED.
- THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2017 NATIONAL ELECTRICAL CODE, LATEST ADOPTED NATIONAL ELECTRICAL SAFETY CODE, LOCAL CODES, CITY CODES AND THE 2020 FLORIDA BUILDING CODE, 7TH EDITION.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS AND TO INCLUDE ALL FEES AS PART OF HIS BID IF NOT OTHERWISE NOTED.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER & ENGINEER.
- THE CONTRACTOR SHALL, BEFORE SUBMITTING HIS BID, VISIT THE SITE OF THE PROJECT AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS. NO ALLOWANCE WILL BE MADE FOR EXISTING CONDITIONS OR FAILURE OF THE CONTRACTOR TO OBSERVE THEM.
- ALL EQUIPMENT AND MATERIAL SHALL BE UNUSED AND U.L. LISTED. ALL REFERENCES TO A PARTICULAR MANUFACTURER ARE GIVEN ON AN "APPROVED EQUAL" BASIS UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS RESPONSIBLE TO TEST ALL SYSTEMS INSTALLED OR MODIFIED UNDER THIS PROJECT AND REPAIR OR REPLACE ALL DEFECTIVE WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER.
- ALL EQUIPMENT FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF TWO YEARS FROM DATE OF FINAL ACCEPTANCE.
- ALL CONDUCTORS SHALL BE 600V THHN/THWN, COPPER. NO ALUMINUM ALLOWED UNLESS SPECIFICALLY INDICATED ON DRAWINGS.
- ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL.
- THE DRAWINGS ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUIT RUNS. THESE ARE TO BE COORDINATED WITH THE OTHER TRADES SO THAT CONFLICTS ARE AVOIDED PRIOR TO INSTALLATIONS.
- GROUNDING SHALL BE INSTALLED IN ACCORDANCE WITH NEC, ARTICLE 250. THE GROUNDING SYSTEM TEST SHALL NOT EXCEED A 48 HOUR SPAN DRY RESISTANCE OF 5 OHMS. ADDITIONAL GROUNDING TO MEET THIS REQUIREMENT SHALL BE INSTALLED AT NO EXTRA COST. GROUNDING AND BONDING CONNECTIONS SHALL NOT BE PAINTED. ALL GROUNDING CONNECTIONS SHALL BE EXOTHERMIC WELDED UNLESS SPECIFICALLY INDICATED OTHERWISE.
- AN EQUIPMENT GROUND WIRE SIZED PER NEC SHALL BE PULLED IN ALL ELECTRICAL CONDUITS, POWER AND CONTROL, WHETHER OR NOT INDICATED ON THE PLANS.
- PROVIDE CONDUIT DUCT SEAL AT ALL CONDUIT ENDS.
- CONTRACTOR SHALL, WITHIN 30 DAYS AFTER THE DATE OF THE SYSTEM ACCEPTANCE, PROVIDE TO THE OWNER RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING A SINGLE LINE DIAGRAM OF THE ELECTRICAL DISTRIBUTION SYSTEM AND RELATED FLOOR PLANS INDICATING THE LOCATION AND AREA SERVED FOR THE DISTRIBUTION.
- CONTRACTOR SHALL PROVIDE TO THE OWNER OPERATING AND MAINTENANCE MANUAL IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION C405.5.4.2 OF THE 2020 FLORIDA BUILDING CODE - ENERGY CONSERVATION, INCLUDING ANY AMENDMENTS THERETO
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER PRIOR TO ANY WORK. THE CONTRACTOR SHALL CONTACT THE OWNER PROJECT MANAGER FOR COORDINATION AND UTILITY REQUIREMENTS. FURNISH ONE COPY OF THE ELECTRICAL PLANS TO THE PROJECT MANAGER FOR REVIEW AND NOTIFY THE OWNER AND THE ENGINEER OF ANY DISCREPANCIES.
- UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC CONDUIT. ALL EXPDED CONDUIT SHALL BE SCHEDULE 80 PVC.
- CONTRACTOR SHALL RESTORE SIDEWALKS, ROADWAYS, SOD AND SPRINKLER SYSTEM PIPING TO MATCH EXISTING, AFTER THE COMPLETION OF THE CONDUIT AND PULLBOX INSTALLATION.
- ELECTRICAL PULL BOXES SHALL BE SUPPLIED WITH PVC JUNCTION BOXES AND A STEEL TRAFFIC-RATED COVER MARKED "ELECTRICAL" OR "CCTV".
- ALL SPARE CONDUITS SHALL BE CAPPED WITH A PVC CAP AND A NYLON PULL STRING INSTALLED WITH IDENTIFICATION ON BOTH ENDS.
- COLORLED WARNING TAPE 6" WIDE SHALL BE INSTALLED 12" BELOW FINISHED GRADE DIRECTLY ABOVE ALL UNDERGROUND CONDUITS.

90%
MAY 2022

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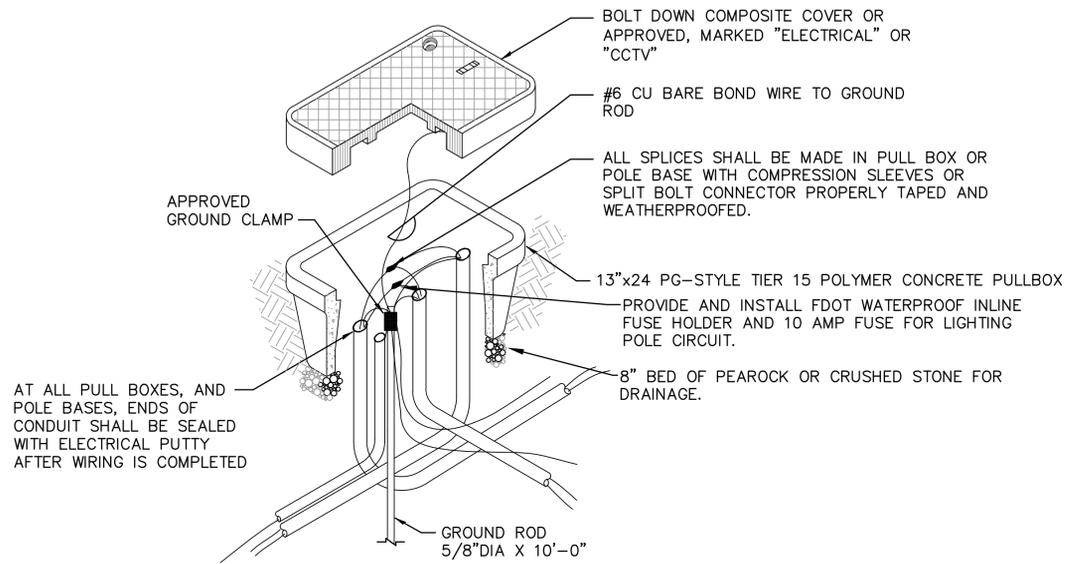
LARRY M. SMITH, P.E. NO. 45997

ANCHORAGE PARK
603 ANCHORAGE DRIVE
NORTH PALM BEACH, FLORIDA
SINGLE LINE DIAGRAM

A Higher Standard of Excellence
engenuity group inc.
1280 N CONGRESS AVE. SUITE 101
WEST PALM BEACH, FLORIDA 33409
PH (561) 965-1151 • FAX (561) 965-0390
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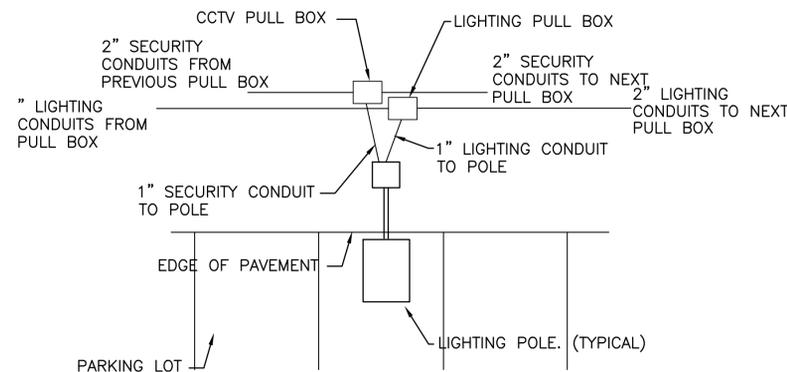
TITLE: E3
JOB NO. 03045.104



ELECTRICAL/CCTV PULL BOX DETAIL
N.T.S.

NOTES:

1. PULL BOX SHALL BE INSTALLED AT EACH LIGHT POLE AS NEEDED FOR PULLING DISTANCE WHETHER SHOWN ON PLAN OR NOT.
2. CONTRACTOR SHALL PROVIDE 8' OF EXTRA CONDUCTOR IN PULL BOXES COILED NEATLY.
3. PULL BOX SHALL BE MINIMUM 13"x24". CONTRACTOR SHALL INCREASE SIZE AS NECESSARY TO MEET NEC FOR CONDUITS.



PULL BOX LAYOUT DETAIL
N.T.S.

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MAY 2022

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NO. 45997

**ANCHORAGE PARK
603 ANCHORAGE DRIVE
NORTH PALM BEACH, FLORIDA
ELECTRICAL DETAILS**

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DATE	DRAWN	PROJECT ENGINEER	PROJECT MANAGER	CHECKED
MAY 2022	SPH	ACS	ACS	LMS

E4
6

JOB NO.
03045.104

Gardco EcoForm Gen-2 combines economy with performance in an LED area luminaire. Capable of delivering up to 27,800 lumens or more in a compact, low profile LED luminaire, EcoForm offers a new level of customer value. EcoForm features an innovative retrofit arm kit, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings, includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Ordering guide

Part	Number of LEDs	Power Output	LED Color - Operable	Mounting	Accessories	Shipping
ECF-S	700	WW-G2	SF			UNV
ECF-S EcoForm site and area, small	32L 32 LEDs (2 modules)	365 mA 3000K 700lm	WW-G2 Warm White 3000K 700lm Generation 2	AR ¹ Arm Mount (standard)	Type 2	120 120V 208 208V 240 240V
	48L 48 LEDs (3 modules)	500 mA 4000K 700lm	NW-G2 Neutral White 4000K 700lm Generation 2	AR ¹ Arm Mount (standard)	Type 2	120 120V 208 208V 240 240V
	64L 64 LEDs (4 modules)	600 mA 5000K 1000lm	WW-G2 Cool White 5000K 1000lm Generation 2	AR ¹ Arm Mount (standard)	Type 2	120 120V 208 208V 240 240V

Options	Part	Description	Part	Description	Part	Description
DD ¹	0-10V External dimming (for controls by others)	IMR3 ² Integral with #3 lens	PCB ³ Photocell	Fusing PF ⁴ Single (120, 277, 347VAC)	Square Pole Adapter	Textured BK Black
DC ¹	Dual Circuit Control	IMR7 ² Integral with #7 lens	TLRD ⁵ Twist Lock Receptacle	PF2 Double (208, 240, 480VAC)	Round Pole Adapter	WH White
FAW ⁶	Field Adjustable Wattage Selector		TLRD ⁵ Twist Lock Receptacle	PF3 Canadian Double Pull (208, 240, 480VAC)	LED Corner	BZ Bronze
LC ⁷	Linear Control		TLRD ⁵ Twist Lock Receptacle w/ photocell	SP2 Surge Protection (UL94 standard)	Optic Left	MGY Medium Gray
BL ⁸	Bi-Level functionality			SP2 Increased 20mA	Optic Right	CLL Carbon color
SR	SR driver connected to Zhaga socket					RAL Custom color (Must supply color chip for required factory quote)
DD ¹	0-10V External dimming (for controls by others)					
DC ¹	Dual Circuit Control					
FAW ⁶	Field Adjustable Wattage Selector					
LC ⁷	Linear Control					
BL ⁸	Bi-Level functionality					
SR	SR driver connected to Zhaga socket					
DD ¹	0-10V External dimming (for controls by others)					
DC ¹	Dual Circuit Control					
FAW ⁶	Field Adjustable Wattage Selector					
LC ⁷	Linear Control					
BL ⁸	Bi-Level functionality					
SR	SR driver connected to Zhaga socket					

1. BL, IMR3, equipped with out-board sensor housing when voltage is 120V (240V/480V).
2. Mounts to a 4" round pole with adapter included for square poles.
3. Limited to a maximum of 45 degrees aiming above horizontal.
4. Not available with other dimming control options.
5. Not available with photocell.
6. Must specify motion sensor.
7. Not available with SR or 480V.
8. Must specify input voltage.
9. Not available with DD, DC, and FAWs dimming control options.
10. TLRD5, TLRD7, and TLRPC receptacle pins 4 & 5 are capped off when ordered with any of the Dimming controls DD or FAWs or LCL.
11. Not available in 480V. Order photocell separately with TLRD5/7.
12. Not available with SR and WS. RFA provided with black finish standard.
13. Not available with Type 5, SW, BLC, BLD-90, BLD-270, LCL, or RCL optic.
14. Not available with DD, DC, and FAWs dimming control options.
15. Not available with DD, DC, and FAWs dimming control options.
16. Not available with DD, DC, FAWs and LLD dimming control options.
17. When ordering SRDR, controller (by others) to be used on socket must be SR compatible (see specifications for more details). Consult factory for seat time. All 7 pins in NEMA receptacle are connected to SR driver. SRDR not available with DD or TLRPC.
18. 0-10V dimming driver standard.
19. LCL and RCL not available with 48L-12A or 64L-1A.

ECF-S EcoForm small
Area luminaire

Specifications
Housing
One-piece die cast aluminum housing with integral arm and separate, self-retained hinged, one-piece die cast door frame. Luminaire housing rated to IP66, tested in accordance to Section 9 of IEC 60598-1.
Vibration resistance
Luminaire is tested and rated 3G over 100,000 cycles conforming to standards set forth by ANSI C136.31-2018. Testing includes vibration in three axes, all performed on the same luminaire.
Light engine
Light engine comprises of a module of 16-LED aluminum metal clad board fully sealed with optics offered in multiples of 2, 3, and 4 modules or 32, 48, and 64 LEDs. Module is RoHS compliant. Color temperatures: 3000K +/-20%, 4000K, 5000K +/-200K. Minimum CRI of 70. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.
Energy saving benefits
System efficacy up to 152 lm/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy savings during unoccupied periods.
Optical systems
Type 2, 3, 4, 5, SW, and AFR distributions available. Internal Shield option mounts to LED optics and is available in Type 2, 3, 4, and AFR distributions, including a dedicated BLC, LCL, and RCL optics to provide the best backlight control possible for those stringent requirements around property lines.
Types 2, 3, 4, AFR, and BLC when specified and used as called, are factory set only. Performance tested per LM-79 and TM-15 (IESNA) certifying its photometric performance. Luminaire designed with 0% uplight (0% per IESNA TM-15).
Mounting
Standard luminaire arm mounts to 4" O.D. round poles. Can also be used with 5" O.D. poles. Square pole adapter included with every luminaire. Round Pole Adapter (RPA) required for 3-3/8" poles. EcoForm features a retrofit arm kit. When specified with the retrofit arm (RAM) option, EcoForm seamlessly simplifies site conversions to LED by eliminating the need for additional pole drilling on most existing poles. RAM will be ordered separately. Also optional are a splitter and wall mounting accessories. Note that only fixed modules (AR, RAM, WS) are required to meet IDA compliance. SF mounting will not meet IDA Control options
0-10V dimming (DD): Access to 0-10V dimming leads supplied through back of luminaire (for secondary dimming controls by others). Cannot be used with other control options.
Dual Circuit Control (DC): Luminaire is equipped with the ability to have two separate circuits controlling drivers and light engines independently. Permits separate switching of separate modules controlled by use of two sets of leads, one for each circuit. Not recommended to be used with other control options, motion response, or photocell.
Sensor Ready Zhaga Socket Connector (SRDR): Product equipped with Sensor Ready drivers connected to 4-pin Zhaga Book 1B compliant receptacle designed for sensor and other control system applications. Receptacle is rated IP66 assembly in a compact design that provides a sealed electrical interface and rated UV resistance, mounted on underside of the luminaire, protective dust cap included. When a controller not provided by Signify is used with Sensor Ready Zhaga socket connector, the controller must be certified to work with the Xitanium SR LED drivers as part of the SR certified program. SRDR can be used with Xitanium 7-pin twist lock receptacle, which is mounted on top of the luminaire.

Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide flexibility towards energy savings goals while optimizing light levels during specific dark hours. Dimming profiles include two dimming settings including dim to 30% or 50% of the total lumen output. When used in combination with not programmed motion response 1 overrides the controller's schedule when motion is detected. After 5 minutes with no motion, it will return to the automatic dimming profile schedule. Automatic dimming profile scheduled with the following settings:
• CS50/CS30: Security for 7 hours night duration (Ex., 11 PM - 6 AM)
• CM50/CM30: Median for 8 hours night duration (Ex., 10 PM - 6 AM)
All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 2 hours before depending on the duration of dimming. Cannot be used with other dimming control options.
ECF-S_EcoForm_area_small 08/21 page 8 of 9

ECF-S EcoForm small
Area luminaire

EcoForm Accessories¹ (ordered separately, field installed)
ECF-S-32-H
Standard optic orientation
HIS-32-H¹ Internal House Side Shield for 32 LEDs (2 modules)
HIS-48-H¹ Internal House Side Shield for 48 LEDs (3 modules)
HIS-64-H¹ Internal House Side Shield for 64 LEDs (4 modules)
Optic at 60 or 270 orientation
HIS-32-V¹ Internal House Side Shield for 32 LEDs (2 modules)
HIS-48-V¹ Internal House Side Shield for 48 LEDs (3 modules)
HIS-64-V¹ Internal House Side Shield for 64 LEDs (4 modules)

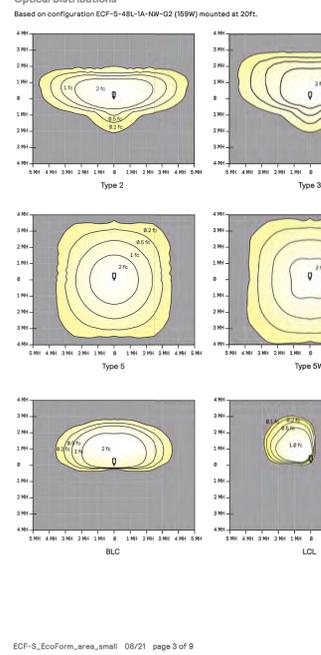
Part	Description	Part	Description
ECF-BD-02	Bird deterrent	ECF-RAM-02(F)	Retrofit Arm mount kit
ECF-SF-02(F)	Slip Resistor Mount (fits to 2 3/8" O.D. tenon)	ECF-WS-02(F)	Wall mount with surface conduit near entry permitted
EcoForm PTF2	Double top filler fits 23/8-21/2" OD x 4" depth tenon	EcoForm PTF3	Double top filler fits 31/2-2" OD x 6" depth tenon
EcoForm PTF4	Double top filler fits 31/2-2" OD x 6" depth tenon		

Ready to Go configurations (when ordered with the "RS-" catalog code, the following configurations will ship in 2 weeks):

Catalog Number	12NC	Catalog Number	12NC
RS-ECF-S-32L-1A-NW-G2-AR-3-UNV-BZ	912401466002	RS-ECF-S-64L-1A-NW-G2-AR-3-UNV-BK	912401534560
RS-ECF-S-32L-1A-NW-G2-AR-3-UNV-MGY	912401466003	RS-ECF-S-64L-1A-NW-G2-AR-4-UNV-BZ	912401466016
RS-ECF-S-32L-1A-NW-G2-AR-3-UNV-BK	912401534564	RS-ECF-S-64L-1A-NW-G2-AR-4-UNV-MGY	912401466017
RS-ECF-S-32L-1A-NW-G2-AR-4-UNV-BZ	912401466004	RS-ECF-S-64L-1A-NW-G2-AR-5-UNV-BZ	912401466018
RS-ECF-S-32L-1A-NW-G2-AR-4-UNV-MGY	912401466005	RS-ECF-S-64L-1A-NW-G2-AR-5-UNV-MGY	912401466019
RS-ECF-S-32L-1A-NW-G2-AR-4-UNV-BK	912401534565	RS-ECF-S-64L-1A-NW-G2-AR-5-UNV-BK	912401534562
RS-ECF-S-32L-1A-NW-G2-AR-5-UNV-BZ	912401466006	RS-ECF-S-64L-1A-NW-G2-AR-5-UNV-MGY	912401466020
RS-ECF-S-32L-1A-NW-G2-AR-5-UNV-MGY	912401466007	RS-ECF-RAM-02-DGY	912401466488
RS-ECF-S-32L-1A-NW-G2-AR-5-UNV-BK	912401534566	RS-ECF-RAM-02-WH	912401466485
RS-ECF-S-48L-1A-NW-G2-AR-3-UNV-BZ	912401466008	RS-HIS-32-H	912401466489
RS-ECF-S-48L-1A-NW-G2-AR-3-UNV-MGY	912401466009	RS-HIS-48-H	912401466491
RS-ECF-S-48L-1A-NW-G2-AR-3-UNV-BK	912401534567	RS-HIS-64-H	912401466493
RS-ECF-S-48L-1A-NW-G2-AR-4-UNV-BZ	912401466010		
RS-ECF-S-48L-1A-NW-G2-AR-4-UNV-MGY	912401466011		
RS-ECF-S-48L-1A-NW-G2-AR-4-UNV-BK	912401534568		
RS-ECF-S-48L-1A-NW-G2-AR-5-UNV-BZ	912401466012		
RS-ECF-S-48L-1A-NW-G2-AR-5-UNV-MGY	912401466013		
RS-ECF-S-48L-1A-NW-G2-AR-5-UNV-BK	912401534569		
RS-ECF-S-64L-1A-NW-G2-AR-3-UNV-BZ	912401466014		
RS-ECF-S-64L-1A-NW-G2-AR-3-UNV-MGY	912401466015		

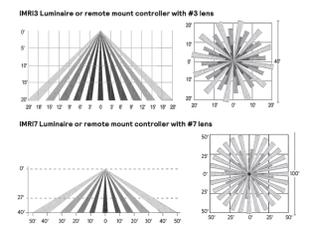
ECF-S EcoForm small
Area luminaire

Predicted Lumen Depreciation Data
Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual performance may vary due to field application conditions. L₅₀ is the predicted time when LED performance deprecates to 70% of initial lumen output. Calculated per IESNA TM-21. Published L₅₀ hours limited to a time actual LED test hours.
Ambient Temperature °C Driver mA Calculated L₅₀ Hours L₅₀ per TM-21 Lumen Maintenance % at 60,000 hrs
25°C up to 1200 mA >120,000 hours >99%



ECF-S EcoForm small
Area luminaire

Specifications
Infrared Motion Response Lenses (IMR3/IMR7): Infrared Motion Response integral module is available with two different sensor lens types to power standard, except when using Sensor Ready (SR) drivers, which uses DALI protocol (options CS50/CM50/CS30/CM30, SRDR, and TR7). Drivers are RoHS and FCC Title 47 CFR Part 15 compliant.
Button Photocell (PCB): Button style design for internal luminaires mounting applications. The photocell is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1.4% of ambient light.
Surge protection (SP1/SP2): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41 Scenario I Category C High Exposure 100kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE M55LCC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA, 20kV/10kA surge protection device that provides extra protection beyond the SP1/10kV/10kA level.
Listings
UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). Most EcoForm configurations are qualified for Premium and Standard Design Lights Consortium® categories. Consult DLC Qualified Products list to confirm your specific luminaire selection is approved. CCTs 3000K and warmer are Dark Sky Approved.
Finish
Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidyl isocyanurate (TIG) textured powdercoated finish. Standard colors include bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult factory for specs on optional or custom colors.
Service Tag
Each individual luminaire is uniquely identifiable, thanks to the Service Tag application. With a simple scan of a QR code, placed on the inside of the main door, you gain instant access to the luminaire configuration, making installation and maintenance operations faster and easier, no matter what stage of the luminaire's lifetime. Just download the APP and register your product right away. For more details visit: signify.com
Warranty
EcoForm luminaires feature a 5-year limited warranty. See signify.com/warranty for complete details and exclusions.



Twist-Lock Receptacle (TLRD5/TLRD7/TLRPC): Twist Lock Receptacle with 5 pins enabling dimming or with 7 pins with additional functionality (by others) can be used with a twistlock photoelectric cell or a shorting cap. Dimming receptacle Type B (5-pin) and Type D-24 (7-pin) in accordance to ANSI C136.41. Can be used with third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be specified. When ordering 7-pin Twist-Lock receptacle (TLRD7), all 7 pins are wired to respective pins with the Sensor Ready (SR) driver, and photocell or shorting cap is not included. When ordering a twist-lock receptacle with a photocell (TLRPC), the receptacle used is a 5-pin receptacle, so pins 6 and 7 are not available (no SR driver). 0-10V dimming options (pins 4 and 5) are connected if not ordered with any other dimming options.

Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (a) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (b) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation and other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm the product's current compliance.

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ECF-S_EcoForm_area_small 08/21 page 9 of 9 www.gardcoighting.com

ECF-S EcoForm small
Area luminaire

3000K LED Wattage and Lumen Values

Ordering Code	Total LEDs	LED Current (mA)	Color Temp	Average System Watts	Type 2		Type 3		Type 4		Type 5		Type SW			
					Lumen Output	Efficiency (LPW)										
ECF-S-32L-365-W-02-x	32	365	3000	40	5,508	81-02-01	138	5,428	81-02-02	130	5,637	81-02-03	145	5,024	81-02-04	140
ECF-S-32L-365-W-02-x	32	365	3000	40	5,508	82-02-01	138	5,428	82-02-02	130	5,637	82-02-03	145	5,024	82-02-04	140
ECF-S-32L-400-W-02-x	32	700	3000	73	9,234	82-02-02	137	9,034	82-02-02	134	9,455	82-02-02	130	9,307	82-02-02	133
ECF-S-32L-400-W-02-x	32	700	3000	73	9,234	83-02-02	137	9,034	83-02-02	134	9,455	83-02-02	130	9,307	83-02-02	133
ECF-S-32L-480-W-02-x	32	1050	3000	106	13,001	83-02-02	135	12,719	83-02-02	132	13,306	83-02-02	128	13,668	83-02-02	129
ECF-S-32L-480-W-02-x	32	1050	3000	106	13,001	84-02-02	135	12,719	84-02-02	132	13,306	84-02-02	128	13,668	84-02-02	129
ECF-S-32L-480-W-02-x	32	1050	3000	106	13,001	85-02-02	135	12,719	85-02-02	132	13,306	85-02-02	128	13,668	85-02-02	129
ECF-S-48L-800-W-02-x	48	900	3000	135	17,715	83-02-03	137	16,304	83-02-03	134	18,838	83-02-03	130	17,899	83-02-03	133
ECF-S-48L-800-W-02-x	48	900	3000	135	17,715	84-02-03	137	16,304	84-02-03	134	18,838	84-02-03	130	17,899	84-02-03	133
ECF-S-48L-800-W-02-x	48	900	3000	135	17,715	85-02-03	137	16,304	85-02-03	134	18,838	85-02-03	130	17,899	85-02-03	133
ECF-S-48L-1200-W-02-x	64	800	3000	118	23,445	83-02-03	137	22,261	83-02-04	135	23,885	83-02-04	131	23,045	83-02-03	130
ECF-S-48L-1200-W-02-x	64	800	3000	118	23,445	84-02-03	137	22,261	84-02-04	135	23,885	84-02-04	131	23,045	84-02-03	130

4000K LED Wattage and Lumen Values

Ordering Code	Total LEDs	LED Current (mA)	Color Temp	Average System Watts	Type 2		Type 3		Type 4		Type 5		Type SW			
					Lumen Output	Efficiency (LPW)										
ECF-S-32L-365-W-02-x	32	365	4000	40	5,798	81-02-01	143	5,691	81-02-01	84	2,449	81-02-01	82	2,449	81-02-01	82
ECF-S-32L-365-W-02-x	32	365	4000	40	5,798	82-02-01	143	5,691	82-02-01	84	2,449	82-02-01	82	2,449	82-02-01	82
ECF-S-32L-400-W-02-x	32	700	4000	73	9,567	81-02-02										

Discussion:
Anchorage Park Dry Storage Project

Village Council
June 9, 2022



Budget Cont.

- The Village originally received a grant for the project but had to transfer it to Anchorage Park playground; otherwise, the Village would have had to allow non-residents access to the storage.
- In a memo from the Village Manager to the Audit Committee on March 4, 2022, the Village Manager recommended that \$560,000 of FY2021 General Fund Net Income Funds be used towards the East Alleyway Resurfacing/Wall Replacement project and/or Anchorage Park Dry Storage.
- Applying all \$560,000 Net Income to the Dry Storage Project would increase the project's budget to \$1,060,000.00; however, the project would still be over budget by \$549,234.80.

Budget Cont.

Current Dry Storage Fees (Tax Not Included):

Boat/RV Size	Annual Cost
<u>Up to 15'</u>	\$700
<u>16' - 20'</u>	\$750
<u>21' - 25'</u>	\$800
<u>26' - 30'</u>	\$850
<u>31' - 35'</u>	\$900
<u>36' - 40'</u>	\$950

*Overall boat length is measured from back of motor to tip of tongue.

Budget Cont.

Proposed Dry Storage Fees (Tax Not Included):

Boat/RV Size	Annual Cost
<u>Up to 30'</u>	\$1,249.50
<u>31' - 35'</u>	\$1,323.00
<u>36' - 40'</u>	\$1,396.50

*Fees are based on the size of the space, not the size of boat/RV.

*Proposed storage fees represent a 47% increase and account for expected repair and maintenance costs.

*R&M costs include new striping every 2-3yrs, filling in potholes, regrading of millings at least once every 10yrs, and maintaining security gate, security cameras, posts, signage, lighting, and landscaping.

Budget Cont.

Proposed Dry Storage Fees (Tax Not Included):

Boat/RV Size	Annual Cost
<u>Up to 30'</u>	\$850  \$1,249.50
<u>31' - 35'</u>	\$900  \$1,323.00
<u>36' - 40'</u>	\$950  \$1,396.50

- Proposed amounts would generate \$176,400 per year and total \$1,764,000 over ten years. This would provide \$15,476.52 per year for R&M.

Next Steps



- Finish civil, electrical, and landscaping plans to 100%.
- Develop strategy for existing customers during construction.
- Bid specs out and award contract at start of new fiscal year.

Questions or Comments



Anchorage Park - 90 Percent Preliminary Cost Estimate -All Disciplines

Engenuity Project No. 03045.104

	Description	Unit	Quantity	Unit Cost	Total
1	Civil Engineering (see attached breakdown by Engenuity)	LS	1	\$711,636.00	\$711,636.00
2	Landscape Architecture (see attached breakdown by 2GHO)	LS	1	\$409,035.00	\$409,035.00
3	Electrical Engineering (see attached breakdown by SEC)	LS	1	\$220,358.00	\$220,358.00
				SUBTOTAL	\$1,341,029.00
				Contingency (20%)	\$268,205.80
				TOTAL	\$1,609,234.80
NOTE: THIS ENGINEERS' OPINION OF COST IS FOR PRELIMINARY FEASIBILITY AND BUDGET PURPOSE					



Engenuity Group, Inc.
1280 N. Congress Ave., Suite 101
West Palm Beach, FL 33409
561-655-1151

PRELIMINARY
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

PROJECT TITLE: NPB Anchorage Park Trailer Parking Area

Item No.	Item Description	Unit	Quantity	Unit Price	Total Price
<u>ELECTRICAL:</u>					
E-1	FPL 5" PVC DIRECTIONAL BORE CONDUIT (INSTALLATION ONLY)	LF	700	\$ 6.50	\$ 4,550.00
E-2	FPL SERVICE CHARGE	LS	1	\$ 12,500.00	\$ 12,500.00
E-3	1" PVC SCHEDULE 40 CONDUIT (F&I)	LF	420	\$ 6.50	\$ 2,730.00
E-4	2" PVC SCHEDULE 40 CONDUIT (F&I)	LF	5128	\$ 8.50	\$ 43,588.00
E-5	#10 CU CONDUCTOR (F&I)	LF	9000	\$ 1.76	\$ 15,840.00
E-6	#6 CU CONDUCTOR (F&I)	LF	13000	\$ 2.50	\$ 32,500.00
E-7	#2/0 CU CONDUCTOR (F&I)	LF	900	\$ 6.50	\$ 5,850.00
E-8	LIGHT POLE COMPLETE (F&I)	EA	21	\$ 3,800.00	\$ 79,800.00
E-9	LIGHT FIXTURE ONLY (F&I)	EA	1	\$ 1,600.00	\$ 1,600.00
E-10	PULL BOX (F&I)	EA	42	\$ 450.00	\$ 18,900.00
E-11	SERVICE POINT MODIFICATION	LS	1	\$ 2,500.00	\$ 2,500.00
ELECTRICAL SUBTOTAL					\$ 220,358.00

Anchorage Park

Village of North Palm Beach

North Boat and RV Storage

Preliminary Opinion of Probable Cost for Landscape, Irrigation and Perimeter Enclosure for the North Boat Storage Facility

5.31.22

LANDSCAPE & IRRIGATION ITEMS:

ITEM NO.	ITEM	SPECIFICATIONS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Trees	Cassia (CF)	6' H., Standard	3	EA	\$400.00	\$ 1,200.00
	Seagrape (CU)	10' H., Full and Thick to ground	25	EA	\$400.00	\$ 10,000.00
	So. Red Cedar (JS)	10' H., Full and Thick to ground	5	EA	\$400.00	\$ 2,000.00
	Seagrape (RIN)	6' H., Standard	10	EA	\$400.00	\$ 4,000.00
Palms	Sabal Palm (SP)	8-18' C.T., 1/3 curved, Regen. Roots	33	EA	\$450.00	\$ 14,850.00
	Thatch Palm	6' O.A.	3	EA	\$300.00	\$ 900.00
Shrubs	Red Tip Cocoplumv (CHR1)	24" H. Full and Thick	23	EA	\$12.00	\$ 276.00
	Red Tip Cocoplum (CHR2)	36" H. Full and Thick, Perimeter -	214	EA	\$30.00	\$ 6,420.00
	Dwarf Yaupon Holly (ILV)	12"x12" H. Full - 3 gal.	351	EA	\$10.00	\$ 3,510.00
	Walter's Viburnum (VIB)	36"x30" H. Full	54	EA	\$30.00	\$ 1,620.00
	Coontie (ZAM)	18"x18", Full Clump	56	EA	\$25.00	\$ 1,400.00
	Simpson Stopper (MFR)	24"x18" H. Full	10	EA	\$25.00	\$ 250.00
	Wax Myrtle (MCE)	24"x24" H. Full	30	EA	\$25.00	\$ 750.00
	Giant Swamp Fern (BSE)	14", Full	61	EA	\$16.00	\$ 976.00
	Macho Fern (NFA)	14" H. Full Clump - 1 gal.	105	EA	\$8.00	\$ 840.00
	Wild Coffee (PSN)	20" H. Full and Thick, North shoreline - 3 gal.	68	EA	\$12.00	\$ 816.00
	Saw Palmetto (SER)	24" H. Full Clump - 3 gal.	23	EA	\$30.00	\$ 690.00
	Dwf Fakahatcee (TRD)	24" H. Full Clump - 3 gal.	168	EA	\$14.00	\$ 2,352.00
	Beach Creeper (IPC)	6" with runners	1870	EA	\$4.00	\$ 7,480.00
Littoral	Mangrove Seedlings (LIT)	Bare Root Seedling, Liners - for fill in areas	1500	EA	\$2.00	\$ 3,000.00
					SUBTOTAL:	\$ 63,330.00
Misc	Planting Amenities & Staking (15% of \$63,330 landscape material)	Soil amenities, fertilizer, staking, mulch, etc.	1	LS	\$9,499.50	\$ 9,499.50
	Bahia Sod	Repair sod as needed. <u>Contractor to calculate qty.</u> and estimate\$		SY	\$0.00	\$ -
	Irrigation System	To be tied into existing system and pump	1	LS	\$15,000.00	\$ 15,000.00
					SUBTOTAL	\$24,499.50
					TOTAL	\$87,829.50

TREE RELOCATION

ITEM NO.	ITEM	SPECIFICATIONS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
TREE RELO.	TREE AND PALM RELOCATION	RELOCATE (6) LIVE OAKS (QV-R), (21) SABAL PALMS (SP-R) AND (4) SEAGRAPE (CU-R).	1	LS	\$ 86,000.00	\$ 86,000.00
					TOTAL	\$ 86,000.00

NORTH SHORE CLEARING

VEG. CLEAR.	SELECTIVE CLEARING AROUND NORTH CANAL BANK	SELECTIVE REMOVAL OF ALL EXOTIC, INVASIVE NAD NON NATIVE PLANT MATERIAL ALONG THE NORTH SHORELINE.	1	LS	\$ 18,750.00	\$ 18,750.00
					TOTAL	\$ 18,750.00

PERIMETER FENCE

ITEM NO.	ITEM	SPECIFICATIONS	QUANTITY	UNIT	UNIT PRICE	AMOUNT
FENCE	8' H. METAL PICKET SECURITY FENCING ***	8" HIGH METAL PICKET SECURITY FENCE, POWDER COATED, EQUAL TO FENCE MASTERS SYS. INCLUDES DOUBLE SIDED V DOUBLE SLIDING GATE OPERATORS, TIMERS, SAFETY LOOPS, PHOTO CELLS, WIRELESS MASTER SLAVE, 10 MINI TRANSMITTERS.	1866	LF	\$ 116.00	\$ 216,456.00
GATE	SECURITY GATE OPERATING MECHANICS	PHOTO CELLS, WIRELESS MASTER SLAVE, 10 MINI TRANSMITTERS.	1	EA	\$ 11,773.00	\$ 11,773.00
	***Optional Fence Material:	1,830 LF of 8'H, 9 gauge, black vinyl covered chain link fence (approx. \$85/LF). Includes 35' double sliding CL gate at				
					TOTAL	\$ 216,456.00

OVERALL TOTAL \$ 409,035.50

CONTINGENCY 20% CONTINGENCY \$ 19,706.00

GRAND TOTAL \$ 428,741.50

NOTE: THIS LANDSCAPE ARCHITECTS OPINION OF APPROXIMATE COST IS FOR PRELIMINARY FEASIBILITY AND BUDGET PURPOSE ONLY.

IT IS NOT BASED ON A COMPLETED SET OF APPROVED PLANS.

PREPARED BY GENTILE HOLLOWAY O'MAHONEY AND ASSOCIATES

1907 COMMERCE LANE, JUPITER, FLORIDA 33458

561-575-9557

Anchorage Park Preliminary Cost Estimate -Civil

Engenuity Project No. 03045.104

	Description	Unit	Quantity	Unit Cost	Total
1	Mobilization/Demobilization and General Conditions	LS	1	\$30,000.00	\$30,000.00
2	Maintenance of Traffic	LS	1	\$6,000.00	\$6,000.00
3	NPDES Compliance	LS	1	\$6,000.00	\$6,000.00
4	Demolition	LS	1	\$25,000.00	\$25,000.00
4	Clearing & Grubbing	LS	1	\$10,000.00	\$10,000.00
5	Earthwork	LS	1	\$30,000.00	\$30,000.00
6	Striping & Signage	LS	1	\$10,000.00	\$10,000.00
7	Dumpster Enclosure	EA	1	\$20,000.00	\$20,000.00
8	Mitered End Section	EA	4	\$750.00	\$3,000.00
9	6" Asphalt Millings (Parking Lot)	SY	12,182	\$10.00	\$121,818.89
10	12" Compacted Subgrade (Parking Lot)	SY	12,182	\$4.00	\$48,727.56
11	Catch Basin	EA	9	\$4,500.00	\$40,500.00
12	18" HDPE	LF	1,182	\$60.00	\$70,920.00
13	15" HDPE	LF	144	\$55.00	\$7,920.00
14	Exfiltration Trench	LF	762	\$150.00	\$114,300.00
15	Pollution Baffle	EA	13	\$500.00	\$6,500.00
16	15" Wastop valve	EA	1	\$750.00	\$750.00
17	1" Asphalt Mill/Resurface	SY	3,840	\$22.00	\$84,470.22
18	Header Curb	LF	120	\$33.00	\$3,960.00
19	1.5" Asphalt Pavement (Widening)	SY	212	\$17.00	\$3,598.33
20	12" Compacted Subgrade (Widening)	SY	212	\$4.00	\$846.67
21	8" Baserock (Widening)	SY	212	\$18.00	\$3,810.00
22	1" Asphalt Pavement (Path)	SY	871	\$12.00	\$10,457.33
23	12" Compacted Subgrade (Path)	SY	871	\$4.00	\$3,485.78
24	6" Baserock (Path)	SY	871	\$15.00	\$13,071.67
25	6" DIP Water main (W/fittings)	LF	400	\$75.00	\$30,000.00
26	Fire Hydrant	EA	1	\$2,000.00	\$2,000.00
27	Sample Points	EA	2	\$500.00	\$1,000.00
28	Tapping Sleeve & 6" gate valve	EA	1	\$3,500.00	\$3,500.00
				SUBTOTAL	\$711,636.44
29	Alternate Surface (in lieu of item #9): Truegrid (OAE) with gravel in storage parking spaces only. 7,370 SY @ \$50/SY= ~\$368,000				
				Contingency (20%)	\$142,327.29
				TOTAL	\$853,963.73
NOTE: THIS ENGINEERS' OPINION OF COST IS FOR PRELIMINARY FEASIBILITY AND BUDGET PURPOSE					



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