C I T Y O F F O R T P I E R C E

CITY COMMISSION AGENDA

Regular Meeting - Monday, October 15, 2018 - 6:30 p.m.
City Hall - City Commission Chambers, 100 North U.S. #1, Fort Pierce, Florida

1. **CALL TO ORDER**

2. **OPENING PRAYER**

3. **PLEDGE OF ALLEGIANCE**

4. **ROLL CALL**

5. **APPROVAL OF MINUTES**

   a. Approval of the minutes for the October 1, 2018 Regular Meeting.

6. **PROCLAMATIONS**

   a. Proclamation recognizing National Arts and Humanities Month

7. **LETTERS TO COMMISSION**

8. **COMMENTS FROM THE PUBLIC ON AGENDA ITEMS NOT REQUIRING PUBLIC HEARINGS**

   Any person who wishes to comment on an agenda item which is not under Public Hearings on the Agenda may be heard at this time and must sign up to speak in advance. Please limit your comments to three (3) minutes or less, as directed by the Mayor, as this section of the Agenda is limited to thirty minutes. The City Commission will not be able to take any official actions under Comments from the Public. Speakers will address the Mayor, Commissioners, and the Public with respect. Inappropriate language will not be tolerated.

9. **ADDITIONS OR DELETIONS TO AGENDA AND APPROVAL OF AGENDA**

10. **MISCELLANEOUS REPORTS**

    a. Seaplane Base Presentation

b. Brightline Proposal Presentation

11. **CONSENT AGENDA**

a. Approval of annual/blanket purchase orders for the Police Department for FY2019 in an amount not to exceed $381,560.

b. Approval of application of Glotel, Inc. for installation of one (1) 100-gallon above-ground emergency diesel fuel tank.

c. Approval of one (1) above-ground buffer tank (450 standard cubic feet) for compressed natural gas (CNG) at property located at 1701 South 37th Street, a Fort Pierce Utilities location.

d. Approval to install holiday lighting at Marina Square by Lighting by Design, Wellington Florida in the amount of $52,309.00 per year / three (3) years (156,927.00 total).

e. Approve Blanket Purchase Orders for the Sunrise Theatre in the amount not to exceed $184,400.

12. **PUBLIC HEARINGS**

a. Legislative Hearing - Ordinance 18-035 - Amending Chapter 5, Article II of the Code of Ordinances Entitled "Contractors" - SECOND READING

b. Quasi Judicial Hearing -Ordinance 18-036 for a Planned Development (PD) for Indian River Villas to rezone the subject site and to authorize the development of a 12 unit multi-family development that will include 2 (6 unit) buildings with garages. Parcel IDs:2410-808-0017-000-7 & 2410-808-0019-000-1 FIRST READING

c. Legislative Hearing - Ordinance 18-037 Amending Chapter 13; Changing the Retirement vesting period from 10 years to 5 years. FIRST READING

13. **CITY COMMISSION**

a. Resolution No. 18-R50 - Accepting the Building Official's Certified Building Code Exemptions of certain structures.

b. Resolution 18-R51 Reappointing Carlos Villanueva to the Police Officers Retirement Fund Board of Trustees.

c. Submittal of applications for the Historic Preservation Board

d. Submittal of applications to serve on the Keep Fort Pierce Beautiful Advisory Board.

14. **COMMENTS FROM THE PUBLIC**

Any person who wishes to comment on any subject may be heard at this time. Please limit your comments to three (3) minutes or less, as directed by the Mayor, as this section of the Agenda is limited to thirty minutes. The City Commission will not be able to take any official actions under Comments from the Public. Speakers will address the Mayor, Commissioners, and the Public with respect. Inappropriate language will not be tolerated.

15. **COMMENTS FROM THE CITY MANAGER**

16. **COMMENTS FROM THE COMMISSION**

17. **ADJOURNMENT**

Pursuant to Section 286.0105, Florida Statutes, the City hereby advises you that if you or another person decide to appeal any decision made by the City Commission with respect to any matter considered at its meeting or hearing, that you or said person will need a record of the proceedings, and that for such purpose, affected persons may need to insure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. This notice does not constitute consent by the City for the introduction or admission into evidence of otherwise inadmissible or irrelevant evidence, nor does it authorize challenges or appeals not otherwise allowed by law.

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodation to participate in this meeting should contact the City Clerk's Office at (772) 467-3065 at least 48 hours prior to the meeting.

City Commission Regular Meeting **5.a.**

Meeting Date: 10/15/2018

Re: Meeting Minutes for 10.01.2018 Regular Meeting

Submitted For: Linda Cox, City Clerk, City Clerk

SUBJECT:

Approval of the minutes for the October 1, 2018 Regular Meeting.

Attachments

Mtg Mins_10.01.2018

Form Review

Form Started By: Noemi Rios Started On: 10/09/2018 04:02 PM

Final Approval Date: 10/09/2018

MINUTES OF A REGULAR MEETING OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, HELD IN THE CITY HALL COMMISSION CHAMBERS, 100 NORTH U.S. #1, FORT PIERCE, FLORIDA, AT 6:30 P.M. ON MONDAY, **OCTOBER 1, 2018.**

1. CALL TO ORDER

2. OPENING PRAYER - Mayor Linda Hudson

3. PLEDGE OF ALLEGIANCE

4. ROLL CALL

Present: Mayor Linda Hudson; Commissioner Rufus Alexander; Commissioner Jeremiah Johnson; Commissioner Thomas Perona; Commissioner Reginald Sessions

Staff Present: Interim City Attorney Benjamin Bryan
City Clerk Linda Cox
City Manager Nicholas Mimms

5. APPROVAL OF MINUTES

a. Approval of the minutes for the September 4, 2018 budget hearing and the September 10, 2018 special meeting for budget ordinances.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Rufus Alexander to approve item 5 a.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

b. Approval of the minutes from the September 17, 2018 Regular Meeting.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Rufus Alexander to approve item 5 b.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

6. **PROCLAMATIONS**

a. Mayor Hudson issued the following Proclamation:
Proclamation recognizing Cheryl Glenn-Reed

7. **LETTERS TO COMMISSION**

The following letters will be kept on file in the City Clerk's Office.

a. Letter from Charles C. Hayek personally acknowledging the great service he receives from Susan Keller, Permit Specialist, in the Building Department.

8. **COMMENTS FROM THE PUBLIC ON AGENDA ITEMS NOT REQUIRING PUBLIC HEARINGS**

Rick Reed spoke on item 13 e.

9. **ADDITIONS OR DELETIONS TO AGENDA AND APPROVAL OF AGENDA**

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Jeremiah Johnson to approve the agenda as presented.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

10. MISCELLANEOUS REPORTS

There were no reports.

11. CONSENT AGENDA

a. Approval to submit and accept the OJJDP FY 2018 Gang Suppression Planning Grant Program and a corresponding letter of support.

b. Approval to submit and accept the VOCA 2018-2019 Victims Advocacy Grant in an amount not to exceed $75,000.00.

c. Approval to enter into a 3 year contract with International Golf Maintenance, Inc. (IGM) followed by two optional years consistent with the city of Lauderhill's contract for Golf Course Maintenance, RFP Number 2017-037 in an amount not to exceed $567,476.00 annually.

d. Request approval of a $1,265,000 construction contract award issued to Johnson-Davis, Inc. as required for emergency restoration and hardening of the Mayflower Canal between Gardenia Avenue and Virginia Avenue.

e. Request to reduce code enforcement lien in the amount of $44,040.00 against 619 S 17th Street, Ft. Pierce, FL 34950 - Parcel ID #2409-712-0120-000-4 - owned by Shawnawati Bisesar, 105 S. 21st Street, Ft. Pierce, FL 34950 to $500.00 payable in 30 days and to waive the $250.00 administration fee that may be imposed by the City Commission.

f. Approval to install an above-ground diesel storage tank at 510 Wisteria Avenue.

g. Approval of installation of above ground one (1) 120- gallon LP tank at 1606 Frances Avenue.

h. Approval of letter to oppose the Federal Communications Commissioner's (FCC) Declaratory Ruling regarding the siting of small cell wireless infrastructure.

Commissioner Perona pulled item 11 e for discussion.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Rufus Alexander to approve items 11 a, 11 b, 11 c, 11 d, 11 f, 11 g, and 11 h.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

Commissioner Perona requested clarification as to why staff was recommending reduction of a lien and waiving of the $250 administrative fee. Ms. Peggy Arriaz, Code Enforcement Manager, indicated there'd been a misunderstanding between the inspector and the property owner, where the owner thought all had been resolved. Additionally, Ms. Arraiz pointed to the physical case file's thinness providing visual proof that there'd not been many violations to begin with and the owner had been compliant, thus staff's recommendation to reduce the lien and waive the administrative fee.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Rufus Alexander to approve item 11 e.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

12. PUBLIC HEARINGS

a. Quasi Judicial Hearing - Application for Development Review of a Site Plan submitted by property owner, City of Fort Pierce and Applicant Greg Powers, CEO of Beachside Hospitality Group, to construct a new restaurant (Crabby's Dockside) consisting of 7, 035 sq. ft. and 199 seats. The property is zoned Planned Unit Redevelopment Zone (PUR). Parcel ID: 2410-503-0041-030-7.

Before commencing this Quasi-Judicial Hearing, Ben Bryan, Jr., Interim City Attorney, reminded the Commission when acting as a Quasi-Judicial Body they apply the laws and policies established and are held to stricter procedural requirements, following basic standards established and are held to stricter procedural requirements, following basic standards of notice and due process based on substantial evidence. As such, they conduct these proceedings as judges instead of legislators. That means that the only other individuals that may be heard are people who might have relevant information and their comments are limited to three (3) minutes each. Members of the public may be permitted to present their non-expert opinions, but the Commission must know that public sentiment is not relevant to the decision which must be based on competent, substantial evidence.

Mayor Hudson called the proceeding to order.

City Clerk, Linda Cox, confirmed the City complied with advertisement and notice requirements.

Mayor Linda Hudson inquired with the Commission regarding ex-parte communications; Commissioner Johnson and Commissioner Sessions were the only ones who spoke to the individuals during the preliminary process.

City Clerk, Linda Cox, was asked to swear in those wanting to speak during this Quasi-Judicial hearing. Individuals in the audience intending to speak on this item were asked to stand, raise their right hand, and administered an oath to tell the truth, the whole truth and nothing but the truth. Those that were sworn in were asked to clearly state their name for the record and confirm they were sworn in at such time as they were asked to come forward to testify.

Vennis Gilmore, Planning Analyst, indicated the applicant sought approval to demolish and develop a new restaurant, Crabby's Dockside Grill. Mr. Gilmore presented the City Commission with the site and floor plan, as well as photos illustrating what the completed project will look like. This project has been approved by the Historic Preservation Board. All affected departments have reviewed the proposed Development Review and Design Review Applications with regards to requirements of the City Code. The proposed Site Plan meets the criteria and promotes and protects the public health, safety and general welfare; therefore, staff recommends that the City Commission approve the proposed Development Review and Design Review Applications.

Mayor Hudson opened the public hearing.
Mike Menard and Mike Jacquin both confirmed they were sworn in and presented themselves to answer any questions.
Seeing no one else, the Mayor closed the Public Hearing.

Commissioner Sessions inquired about the status of the contracts. Mr. Nicholas Mimms, City Manager, answered they'd met with the design team that day and have continued negotiations with the highest ranked proposer during the RFP process, Crabby's Dockside. They've discussed public improvements, and other details, none insurmountable, which will culminate with the construction of the new restaurant.

Commissioner Perona asked the City Manager if he thought the site would be completed by 2019. Mr. Mimms deferred to Mr. Mike Jacquin.

Mayor Huson re-opened the public hearing.
Mike Jacquin stated they are trying to be underway by April 2019 provided all goes well with demolition. Building this structure will be difficult because there are not many entryways but they will work diligently and efficiently to minimize the impact to surrounding areas like the Farmer's Market.
Mayor Hudson inquired if anyone else wished to speak.
Seeing no one, the Mayor closed the Public Hearing.

Motion was made by Commissioner Reginald Sessions, seconded by Commissioner Thomas Perona to approve item item 12 a.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

b. Quasi Judicial Hearing - Application for a Conditional Use with No New Construction submitted by property owner and applicant, Larry Winter, to establish Dwelling Rentals, offering lodging for less than six (6) months; with a minimum of one (1) month at 1931 & 1933 Crestview Drive, Fort Pierce, FL. The property is zoned Hutchinson Island Medium Density Residential Zone (R-4A), Parcel ID: 2401-810-0010-000-7.

Before commencing this Quasi-Judicial Hearing, Mayor Hudson asked if anyone required Ben Bryan, Jr., Interim City Attorney, to re-read the Quasi-Judicial Hearing information again. No one requested it be re-read.

Mayor Hudson called the proceeding to order.

City Clerk, Linda Cox, confirmed the City complied with advertisement and notice requirements.

Mayor Linda Hudson inquired with the Commission regarding ex-parte communications; there was no communication between the City Commission members and the parties involved in this Conditional Use application.

City Clerk, Linda Cox, was asked to swear in those wanting to speak during this Quasi-Judicial hearing. Individuals in the audience intending to speak on this item were asked to stand, raise their right hand, and administered an oath to tell the truth, the whole truth and nothing but the truth. Those that were sworn in were asked to clearly state their name for the record and confirm they were sworn in at such time as they were asked to come forward to testify.

Vennis Gilmore, Planning Analyst, indicated this was a Conditional Use application to establish two dwelling rentals at 1931 and 1933 Crestview Drive near Hernando Street. All affected City Departments have reviewed the proposed Conditional Use and have provided approval with conditions based on compliance with requirements of the City Code. Staff recommends that the City Commission approve the request with the following conditions:
1) The maximum occupancy ensures compliance with City Code Section 8.5-43. - Required space in dwelling units, based upon the size of each unit;
2) Registration of the property manager accessible at all times, to resolve complaints or violations of City Code;
3) Issuance of guide booklets (available from Code Enforcement) for renters regarding local rules and public service resources to minimize conflicts; and
4) The applicant files for and obtains St. Lucie County & City of Fort Pierce Business Tax Licenses within thirty (30) days of Conditional Use approval.
5) Limit no more than 2 vehicles per unit.

The Planning Board has suggested adding the following conditions:
6) Include the City of Fort Pierce Business Tax License number on all advertising.
7) Register as a Certified Property Manager with St. Lucie County.

Mayor Hudson opened the public hearing.
Marcia Baker confirmed she was sworn in. Ms. Baker was not in favor of some of the conditions listed and thought this Conditional Use application should be approved without these conditions.
Larry Winter, the applicant, was sworn in. He indicated it was his understanding that the Planning Board had tabled condition #7 for further discussion. He was aware of all other conditions. Commissioner Alexander questioned how important this last condition is.
Rebecca Grohall, Planning Manager, was sworn in. Ms. Grohall explained the process of Mr. Winter registering as a Property Manager.
Commissioner Johnson asked Mr. Winter if he had any objections on conditions 1-6. He did not.
Seeing no one else, the Mayor closed the Public Hearing.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Thomas Perona to approve item 12 b with conditions #1-6.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

c. Quasi Judicial Hearing - Review and approval of a Conceptual Development Plan submitted by property owner, Oleander Oaks, LLC. and representative Green Mill Holdings, LLC, which conceptualizes establishment of an 80-100 unit affordable housing complex exclusively for seniors 55 and older, located at 4001 Oleander Avenue in Fort Pierce, Florida. The property is zoned R-4 Medium Density Residential (south 12.88 acres) and C-3, General Commercial (north 4.3 acres). The development of this project would commence on the south 12.88 acres zoned R-4. The parcel ID for the property is 2433-144-0001-000-6

Before commencing this Quasi-Judicial Hearing, Mayor Hudson asked if anyone required Ben Bryan, Jr., Interim City Attorney, to re-read the Quasi-Judicial Hearing information again. No one requested it be re-read.

Mayor Hudson called the proceeding to order.

City Clerk, Linda Cox, confirmed the City complied with advertisement and notice requirements.

Mayor Linda Hudson inquired with the Commission regarding ex-parte communications; there was no communication between the City Commission members and the parties involved with this application.

City Clerk, Linda Cox, was asked to swear in those wanting to speak during this Quasi-Judicial hearing. Individuals in the audience intending to speak on this item were asked to stand, raise their right hand, and administered an oath to tell the truth, the whole truth and nothing but the truth. Those that were sworn in were asked to clearly state their name for the record and confirm they were sworn in at such time as they were asked to come forward to testify.

Brandon Creagan, Planning Analyst, indicated this was an application for Development Review and Conceptual Development Plan. Mr. Creagan presented the City Commission with the site aerial map and the Conceptual Development Plan view to develop this housing complex for seniors 55 and older, located at 4001 Oleander Avenue. The Planning Board voted unanimously to recommend approval of the request as presented. Staff recommends the City Commission review the Conceptual Development Plan and approve the conceptual parameters of the proposal with the following condition:
1. Formal Site Plan, Design Review, & Concurrency review will be required before this project can be developed on this site.

Looking at 12.88 acres on the south side of the site aerial map, Commissioner Johnson indicated there is a canal that traverses from Sunrise Boulevard to the east and asked if this was connected to St. Lucie County's waste water system. After being sworn in, Jack Andrews, City Engineer, answered it does go into the county's system because of the lack of city facilities.

Mayor Hudson opened the public hearing.
Seeing no one, the Mayor closed the Public Hearing.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Reginald Sessions to approve item 12 c with staff's condition.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

d. Quasi Judicial Hearing - Review and approval of an application for Site Plan & Design Review, submitted by the property owner & Applicant, Real Sub, LLC, & representative CWH Real Estate Services. to demolish and reconstruct the Publix at Taylor Creek Plaza at 1889 N. US Highway 1, Fort Pierce, FL. The demolitions will take place on the existing Publix store and the back side of the former West Marine store. The rest of the plaza will remain. The new Publix will total 46,013 sq. ft. The property is zoned General Commercial Zone (C-3). Parcel ID: 1433-440-0005-000-0.

Before commencing this Quasi-Judicial Hearing, Mayor Hudson asked if anyone required Ben Bryan, Jr., Interim City Attorney, to re-read the Quasi-Judicial Hearing information again. No one requested it be re-read.

Mayor Hudson called the proceeding to order.

City Clerk, Linda Cox, confirmed the City complied with advertisement and notice requirements.

Mayor Linda Hudson inquired with the Commission regarding ex-parte communications; there was no communication between the City Commission members and the parties involved with this application.

City Clerk, Linda Cox, was asked to swear in those wanting to speak during this Quasi-Judicial hearing. Individuals in the audience intending to speak on this item were asked to stand, raise their right hand, and administered an oath to tell the truth, the whole truth and nothing but the truth. Those that were sworn in were asked to clearly state their

name for the record and confirm they were sworn in at such time as they were asked to come forward to testify.

Brandon Creagan, Planning Analyst, presented this Application for Development Review & Design Review. The applicant is seeking to demolish to Publix located in the Taylor Creek Plaza on US Highway 1 and reconstruct it into a larger location consisting of 46,013 square feet. The applicant has taken into consideration the necessary parking and handicap parking spaces, landscaping and facade design. A rendering of what the new Publix will look like was presented to the City Commission. The Planning Board voted unanimously to recommend approval as presented. The requested Applications for Development Review & Design Review meet the requirements of the City Code and are found to be consistent with the City's Comprehensive Plan; therefore, Staff also recommends that the City Commission approve the request as presented. No conditions were specified.

Mayor Hudson opened the public hearing.
William Hanks confirmed he was sworn in and explained they are remodeling the facade of the rest of the plaza to look like they were also demolished and constructed from the ground up, but not impacting their existing businesses since they have leases. They spoke about containing construction traffic and making it easier for people to navigate to and from the plaza, as well as within the plaza itself. They expect to open mid-December of 2019. They will do what they can to accomodate first responder parking.
Dorothy Stonestreet confirmed she was sworn in. Ms. Stonestreet expressed concern about going in and out through Juanita Avenue and the time expected to open since she is a customer of this particular Publix for her place of business.
Alice Jefferson confirmed she'd been sworn in and inquired about ADA compliance for her handicapped daughter.
William Hanks returned to the podium and stated he would try to make this process go as smoothly as possible and would do all that was required, as well as what they could in regards to all the issues presented by the public.
Seeing no one else, the Mayor closed the Public Hearing.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Jeremiah Johnson to approve item 12 d.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

e. Quasi Judicial Hearing - Review and approval of an application for a Conditional Use with No New Construction submitted by property owner, The Love Center Regeneration Ministries and Applicant Natalee Edwards, to operate a private K-12 school with a proposed max enrollment of 120 students at 907 N. 13th Street, Fort Pierce, FL. The property is zoned Planned Unit Redevelopment Zone (PUR), Parcel ID(s): 2404-813-0031-000-8, 2404-813-0034-000-9, 2404-813-0033-000-2, & 2404-813-0032-000-5.

Before commencing this Quasi-Judicial Hearing, Mayor Hudson asked if anyone required Ben Bryan, Jr., Interim City Attorney, to re-read the Quasi-Judicial Hearing information again. No one requested it be re-read.

Mayor Hudson called the proceeding to order.

City Clerk, Linda Cox, confirmed the City complied with advertisement and notice requirements.

Mayor Linda Hudson inquired with the Commission regarding ex-parte communications; there was no communication between the City Commission members and the parties involved with this application.

City Clerk, Linda Cox, was asked to swear in those wanting to speak during this Quasi-Judicial hearing. Individuals in the audience intending to speak on this item were asked to stand, raise their right hand, and administered an oath to tell the truth, the whole truth and nothing but the truth. Those that were sworn in were asked to clearly state their name for the record and confirm they were sworn in at such time as they were asked to come forward to testify.

Brandon Creagan, Planning Analyst, presented this Conditional Use Application showing an aerial view of the site. This school will offer both a virtual and a traditional setting for learning with a maximum anticipated enrollment of 120 students, but no more than 12 students per classroom. The anticipated first year enrollment consists of 30-50 students with five classrooms and grades kindergarten through twelfth. The Planning Board voted unanimously to recommend approval of the request as presented. The requested Application for

Conditional Use with New Construction is found to be consistent with the requirements of the City Code and the Comprehensive Plan; therefore, staff recommends that the City Commission approve the request with the following conditions:

1. A Change of Use permit must be filed and with the Building Department and approved before the school can begin operations.
2. A landscape plan that demonstrates compliance with City Code 22-187, General Landscaping requirements must be submitted with the Change of Use building permit.
3. A lighting plan or photometric survey must be submitted with the Change of Use building permit that verifies lighting in the parking lot is in accordance with City Code 22-60 (j).

Mayor Hudson opened the public hearing.
After being sworn in, the applicant, Natalee Edwards stated they had a designated area where the children could run around without the risk of harm and their staff will coordinate what times they are let out so they are not all there at once. The virtual school will work via the use of Florida Virtual School.
Seeing no one else, the Mayor closed the Public Hearing.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Reginald Sessions to approve item 12 e with staff conditions.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

f. Quasi Judicial Hearing - Reveiw and approval of an application for Subdivision (Minor Replat) submitted by the applicant Carriage Pointe Investors LLC & Representative Brian Nolan of Lucido & Associates to re-plat the Carriage Pointe Subdivision located at the intersection of Ralls Road and Selvitz Road. The Property is zoned PD, Planned Development, with a Future Land Use of RL, Low Density Residential. Parcel ID: 2430-503-0139-000-4, et al (Complete Carriage Pointe Subdivision).

Before commencing this Quasi-Judicial Hearing, Mayor Hudson asked if anyone required Ben Bryan, Jr., Interim City Attorney, to re-read the Quasi-Judicial Hearing information again. No one requested it be re-read.

Mayor Hudson called the proceeding to order.

City Clerk, Linda Cox, confirmed the City complied with advertisement and notice requirements.

Mayor Linda Hudson inquired with the Commission regarding ex-parte communications; there was no communication between the City Commission members and the parties involved with this application.

City Clerk, Linda Cox, was asked to swear in those wanting to speak during this Quasi-Judicial hearing. Individuals in the audience intending to speak on this item were asked to stand, raise their right hand, and administered an oath to tell the truth, the whole truth and nothing but the truth. Those that were sworn in were asked to clearly state their name for the record and confirm they were sworn in at such time as they were asked to come forward to testify.

Brandon Creagan, Planning Analyst, indicated the applicant is requesting a Minor Replat for the Carriage Pointe Planned Development located at the intersection of Ralls Drive and Selvitz Road. The proposed effect to replat the development is to account for the relocation of drainage and utility easements that are changing to accommodate the proposed setback modifications that are being requested in the application for Major Amendment to the Planned Development Plan. The Planning Board voted unanimously to recommend approval of the request as presented. The Minor Replat meets the standards of the City's Land Development Code and Comprehensive Plan; therefore, staff recommends the City Commission approve the request as presented.
Mayor Hudson opened the public hearing.
Lee Dobbins, the applicant's representative, presented himself to answer any questions.
Seeing no one else, the Mayor closed the Public Hearing.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Jeremiah Johnson to approve item 12 f.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

g. Legislative Hearing - Ordinance 18-033 - Review and approval of an application for Major Amendment to a Planned Development along with an amended and restated Development Agreement by Applicant; Carriage Pointe Investors, LLC, to allow for eight (8) modifications for the subdividsion known as Carriage Point, located at the intersection of Ralls Road and Selvitz Road, Fort Pierce, FL. The property is currently zoned PD, Planned Development. SECOND READING

City Clerk Linda Cox introduced the ordinance, read by title only, into the record. AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA; AMENDING THE PLANNED DEVELOPMENT PLAN FOR PROPERTY GENERALLY LOCATED AT THE INTERSECTION OF RALLS ROAD AND SEVITZ ROAD AND KNOWN AS CARRIAGE POINTE; AMENDING AND RESTATING THE DEVELOPMENT AGREEMENT; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS THEREOF IN CONFLICT HEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE.

Mayor Hudson opened the Public Hearing.
Seeing no one, the Mayor closed the Public Hearing.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Rufus Alexander to approve item 12 g.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

h. Legislative Hearing - Ordinance 18-034 - Review and approval of an application for Major Amendment to a Planned Development by Applicant; LGI Homes, to allow for eight (8) modifications in the subdividsion known as Celebration Point, located at approximately 5501 Peterson Road, Fort Pierce, FL. The property is currently zoned PD, Planned Development. SECOND READING

City Clerk Linda Cox introduced the ordinance, read by title only, into the record.

AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA; AMENDING THE PLANNED DEVELOPMENT PLAN FOR LOTS 319 THROUGH 610 FOR THE SUBDIVISION KNOWN AS CELEBRATION POINTE GENERALLY LOCATED AT 5501 PETERSON ROAD; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS THEREOF IN CONFLICT HEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE.

Mayor Hudson opened the Public Hearing.
Seeing no one, the Mayor closed the Public Hearing.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Rufus Alexander to approve item 12 h.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

i. Legislative Hearing - Ordinance 18-035 - Amending Chapter 5, Article II of the Code of Ordinances Entitled "Contractors" - FIRST READING

City Clerk Linda Cox introduced the ordinance, read by title only, into the record.

AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, AMENDING CHAPTER 5, ARTICLE II OF THE CODE OF ORDINANCES ENTITLED "CONTRACTORS"; AMENDING SECTION 5-19, TO PROVIDE ADDITIONAL RULES FOR BOARD OF EXAMINERS OF CONTRACTORS MEMBERS; AMENDING SECTION 5-20, PROVIDING BOARD SECRETARY DUTIES; AMENDING SECTION 5-21, TO PROVIDE CONDUCT OF BOARD MEMBER REQUIREMENTS; AMENDING SECTION 5-31, PROVIDING CONTRACTOR REGISTRATION REGULATIONS; AMENDING SECTION 5-33, TO CLARIFY CREDIT REQUIREMENTS FOR CERTIFICATE OF COMPETENCY APPLICANTS; AMENDING SECTION 5-36, TO PROVIDE FOR ADDITIONAL FEES; AMENDING SECTION 5-48, TO UPDATE RECIPROCITY PROCEDURES; AMENDING SECTION 5-49, TO CLARIFY THE EFFECT OF CERTIFICATE OF COMPETENCY

ISSUANCE; AMENDING SECTION 5-51, MODIFYING CONTRACTOR DISCIPLINARY PROCEDURES; AMENDING SECTION 5-53, TO CHANGE THE VENUE OF CITATION ADMINISTRATIVE HEARINGS TO THE SPECIAL MAGISTRATE; AMENDING SECTION 5-55, TO CLARIFY EMERGENCY LICENSING PROCEDURES; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE.

Paul Thomas, Building Official, indicated the purpose of this ordinance is to bring the Building Department and the board into consistency with state regulations and facilitate a proper way of doing business, as well as make certain processes easier and with less time constraints for contractors to comply with their client contracts.

Mayor Hudson opened the Public Hearing.
Seeing no one else, the Mayor closed the Public Hearing.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Reginald Sessions to approve item 12 i.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

13. CITY COMMISSION

a. Resolution 18-R45 appointing Mary Myers and Holly Theuns to the Arts and Culture Advisory Board.

City Clerk Linda Cox introduced the resolution, read by title only, into the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, CERTIFYING THE APPOINTMENT OF MEMBERS TO THE ARTS AND CULTURE ADVISORY BOARD; PROVIDING FOR AN EFFECTIVE DATE.

Motion was made by Commissioner Jeremiah Johnson, seconded by Commissioner Rufus Alexander to approve item 13 a.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

b. Resolution 18-R46 concerning Amendment 1 and the impacts on the City of Fort Pierce.

City Clerk Linda Cox introduced the resolution, read by title only, into the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, CONCERNING AMENDMENT 1 TO THE FLORIDA CONSTITUTION, WHICH, IF ADOPTED, WOULD CREATE ADDITIONAL INEQUITIES IN FLORIDA'S TAX SYSTEM BY GRANTING CERTAIN TAX BREAKS TO SOME TAXPAYERS AT THE EXPENSE OF OTHER TAXPAYERS; PROVIDING FOR AN EFFECTIVE DATE

Mayor Hudson indicated the Florida League of Cities determined that Amendment I could cost as much as $640 million for local governments throughout the state being that it gives a certain tax reduction to a very small number of people. In Fort Pierce, only 10% of residents would acquire this benefit and the remaining 90% would very possibly have to make up the difference. St. Lucie County is estimated to lose $12 million, while the City of Fort Pierce will lose over $300,000 if this amendment passes. Florida TaxWatch has also risen against this amendment. This resolution lets the public know why this amendment is not a fair one; it is a tax shift and not a tax reduction.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Jeremiah Johnson to approve item 13 b.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

c. Resolution 18-R47 establishing a Food for FInes Program for the City of Fort Pierce.

City Clerk Linda Cox introduced the resolution, read by title only, into the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA APPROVING A CITY OF FORT PIERCE PROGRAM TO BE KNOWN AS “FOOD FOR FINES”; ALLOWING FOR PAYMENT OF CERTAIN PARKING CITATIONS, OR PORTION THEREOF, TO BE PAID WITH DONATIONS OF CANNED FOOD OR NON-PERISHABLE FOOD ITEMS; AND PROVIDING FOR EFFECTIVE DATES.

Peggy Arraiz, Code Enforcement Manager, indicated this had been discussed in the last Conference Agenda and each item would be equivalent to $2.00, thereby, 25 items would cover a $50 citation which is the standard citation fine. They are looking to include vouchers with the fines to let those cited know this is another way to pay their fine. This will also be advertised on social media so that we get the word out there.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Jeremiah Johnson to approve item 13c.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

d. Resolution 18-R48 appointing Jovona Parker to the Planning Board as Commissioner Sessions' appointee.

City Clerk Linda Cox introduced the resolution, read by title only, into the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, CERTIFYING THE APPOINTMENT OF MEMBERS TO THE CITY PLANNING BOARD; PROVIDING FOR AN EFFECTIVE DATE.

This will be appointing Jovana Parker to the Planning Board as Commissioner Sessions’ appointee.

Motion was made by Commissioner Thomas Perona, seconded by Commissioner Rufus Alexander to approve item 13 e.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

e. Resolution 18-R49 appointing James Edwards to the Police Community Advisory Committee as Commissioner Sessions' representative.

City Clerk Linda Cox introduced the resolution, read by title only, into the record.

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, CERTIFYING THE APPOINTMENT OF MEMBERS TO THE POLICE COMMUNITY ADVISORY COMMITTEE; PROVIDING FOR AN EFFECTIVE DATE.

This will be appointing James Edwards to the Police Community Advisory Committee to represent Commissioner Sessions.

An update will be provided by the City Manager’s office as to when this committee will have their first meeting.

Motion was made by Commissioner Rufus Alexander, seconded by Commissioner Thomas Perona to approve item 13 e.

AYE: Mayor Linda Hudson, Commissioner Rufus Alexander, Commissioner Jeremiah Johnson, Commissioner Thomas Perona, Commissioner Reginald Sessions

Passed

14. COMMENTS FROM THE PUBLIC

Dorothy Stonestreet
Frances Powell
Betty Bradwell
Henry Duhart
Kim Denmark
Terry Shelton
Rick Reed

15. COMMENTS FROM THE CITY MANAGER

a. City Manager's Report & Purchase Order Report

Nicholas Mimms, City Manager, indicated the City Manager's Report is complete and uploaded to our site. We had the Lincoln Park Business Expo and a lot of the businesses and community came out in support. The Engineering Department is participating in the Water Lettuce Removal Program. The Sunrise Theatre Director position will be advertised this week. At the Conference Agenda for Monday, October 8, 2018, there will be talk about the recommendations made by the Parks & Recreation Advisory Committee to the City Commission regarding the naming of our parks, facilities and buildings, as well as formalizing a procedure to do so. Additionally, a discussion will ensue regarding the Humane Society; there will be representation from the administration, as well as the board to participate in this discussion.

16. COMMENTS FROM THE COMMISSION

Commissioner Alexander began with saying he had a bitter taste in his mouth regarding the boards and the people they wanted to appoint to the board. He felt Mike Perri did an outstanding job as an FPUA Board member and he deserved a proclamation.

Commissioner Perona thanked staff for all the work they did for the Amendment 14 workshops both locally and in Port St. Lucie.

Commissioner Sessions expressed his excitement for the new Publix which will be torn down and re-developed. He said he knows there is a homelessness problem around the area and hopes this can be addressed as the site is developed.

Commissioner Johnson has been meeting with several homeowner association groups to discuss Amendment 14 and educate city residents as to what this amendment entails and how it will benefit our community. He thanked staff for all their efforts in putting these together.

Mayor Hudson indicated she'd already drafted a letter thanking Mike Perri for his service on the FPUA Board and asked the Commission for their support in providing each member that retires from any board with a letter from the entire City Commission. Linda Cox, City Clerk, indicated the letter usually goes out from the City Clerk's office now, but a letter can also come directly from the City Commission showing their appreciation.

17. ADJOURNMENT

The meeting adjourned at 8:56 p.m.

ATTEST:

_____ _____

CITY CLERK MAYOR COMMISSIONER

City Commission Regular Meeting **6.a.**

Meeting Date: 10/15/2018

Re:

SUBJECT:

Proclamation recognizing National Arts and Humanities Month

Attachments

National Arts & Humanities

Form Review

Form Started By: Miriam Garcia Started On: 10/08/2018 04:09 PM

Final Approval Date: 10/08/2018

WHEREAS, the nation's 95,000 nonprofit arts organizations, the National Endowment for the Arts, the National Endowment for the Humanities, the nation's 4,500 local arts agencies, and the arts and humanities councils of the 50 states and the six U.S. jurisdictions have regularly issued official proclamations on an annual basis designating October as National Arts and Humanities Month,

WHEREAS, the arts and humanities embody much of the accumulated wisdom, intellect, and imagination of humankind;

WHEREAS, the arts and humanities enhance and enrich the lives of every American;

WHEREAS, the arts and humanities play a unique role in the lives of our families, our communities, and our country;

WHEREAS, cities and states - through their local and state arts agencies and representing thousands of cultural organizations have celebrated the value and importance of culture in the lives of Americans and the health of thriving communities during National Arts and Humanities Month for several years; and

WHEREAS, the nonprofit arts industry also strengthens our economy by generating $166.3 billion in total economic activity annually, $27.54 billion in government revenue, and by supporting the full-time equivalent of 4.6 million jobs;

WHEREAS, the creative economy drives tourism and commerce, supports American workers, and makes up 4.2% of the annual GDP, proposed federal legislation titled The CREATE Act (S. 661 and H.R. 1649) would support economic development of the creative economy;

NOW, THEREFORE, I, Linda Hudson, Mayor of the City of Fort Pierce, Florida, do hereby proclaim the October as:

"National Arts and Humanities Month"

and call upon our citizens to celebrate and promote the arts and culture in our City and to specifically encourage the greater participation by those said citizens in taking action for the arts and humanities in their neighborhoods

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Official Seal of the City of Fort Pierce, Florida, to be affixed this 15h day of October 2018.

_____

MAYOR/COMMISSIONER

City Commission Regular Meeting **10.a.**

Meeting Date: 10/15/2018

Re: Seaplane Base Presentation

Submitted For: Nick Mimms, City Manager, City Manager

SUBJECT:

Seaplane Base Presentation

Form Review

Inbox	Reviewed By	Date
City Manager	Nick Mimms	10/08/2018 02:48 PM
City Manager	Nick Mimms	10/08/2018 02:48 PM

Form Started By: Kaitlyn Ballard Started On: 10/02/2018 03:05 PM

Final Approval Date: 10/08/2018

City Commission Regular Meeting **10.b.**

Meeting Date: 10/15/2018

Re: Brightline Proposal

Submitted For: Nick Mimms, City Manager, City Manager

SUBJECT:

Brightline Proposal Presentation

Form Review

Inbox	Reviewed By	Date
City Manager	Nick Mimms	10/08/2018 02:50 PM
City Manager	Nick Mimms	10/08/2018 02:50 PM

Form Started By: Jennifer Robinson Started On: 09/24/2018 01:31 PM

Final Approval Date: 10/08/2018

City Commission Regular Meeting **11.a.**

Meeting Date: 10/15/2018

Re: Police Department Blanket Purchase Orders for FY2019

SUBJECT:

Approval of annual/blanket purchase orders for the Police Department for FY2019 in an amount not to exceed $381,560.

SUMMARY:

Annual/blanket purchase orders from vendors with the best price and products to meet the Police Department's specific needs. Please see the attached list for amounts and descriptions of the requested vendors.

RECOMMENDATION:

Staff recommends approval of the request. If denied, provide direction on a more efficent method of purchasing.

ALTERNATIVES:

The alternative would be to issue individual purchase orders for every purchase, which would be very time consuming and will lead to inefficiencies.

RESPONSIBLE STAFF:

Acting Deputy Chief Robert Ridle
Acting Lieutenant Jason Braun
Melissa Alexander
Lu-ann Lewis

COORDINATED WITH:

Chief of Police
and FPPD Fiscal

Fiscal Impact

Budgeted Y/N:	Y
Fiscal Year:	2019
Account:	001.3000.521.0000
Amount:	381,560.00

OTHER INFORMATION:

There are various account codes. All items are budgeted in the Police Department's FY2019 budget. See the attached list of vendors and account codes.

Attachments

FY2019 Annual Blanket PO over $50K

Form Review

Inbox	Reviewed By	Date
City Manager	Kaitlyn Ballard	09/21/2018 07:44 AM
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Melissa Alexander
Started On: 09/06/2018 11:17 AM
Final Approval Date: 10/05/2018

FY2019 Police Department Budget
Commission Agenda Request

Police – 001.3000.521.

3510 – Indian River Crime Laboratory - Fort Pierce, FL **$174,017**

- Crime Laboratory Support – Bid # 4946 - Single Source

4110 – FirstNet/AT&T – **$150,000**

- Cellular Services – First Responder Broadband Network and Mobile Services Dedicated to Public Safety

4675 – Board of County Commissioners – Fort Pierce, FL **$57,543**

- Multi Agency CAD System – Bid #2013-01

City Commission Regular Meeting **11.b.**

Meeting Date: 10/15/2018

Re: Request (1) 100-Gallon Above-Ground Diesel Fuel Tank at 1111 S. 27th St. - T-Mobile Wireless Facility

Submitted For: Paul Thomas, Building Official, Building

SUBJECT:

Approval of application of Glotel, Inc. for installation of one (1) 100-gallon above-ground emergency diesel fuel tank.

SUMMARY:

Request for approval of installation of one (1) 100-gallon emergency, above-ground diesel fuel tank for industrial 25kW diesel generator set (generator) located at currently existing T-Mobile wireless facility located at 1111 S. 27th Street.

RECOMMENDATION:

Approval of one (1) 100-gallon, above-ground diesel fuel tank.

ALTERNATIVES:

Do not approve the tank at this time.

RESPONSIBLE STAFF:

Shaun Coss, CFM, Building Department Coordinator

COORDINATED WITH:

Paul Thomas, CBO, CFM, Building Official

Fiscal Impact

OTHER INFORMATION:

None at this time.

Attachments

1111 S. 27th St. - Tank App.

1111 S. 27th St. - Tank - Survey

Form Review

Inbox	Reviewed By	Date
Building	Paul Thomas	10/02/2018 04:51 PM
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Karen Murphy Started On: 09/25/2018 08:30 AM

Final Approval Date: 10/05/2018

CITY OF FORT PIERCE, FLORIDA
BUILDING DEPARTMENT
APPLICATION FOR BUILDING PERMIT

(772) 467-3718 FAX (772) 467-3849
building@city-ftpierce.com

PERMIT # 20182996
FBC (2017) 6th Edition
PIN # 896364

Building Department Project Manager:
Shane

*Property Address 1111 S. 27th Street Fort Pierce, FL 34947 *Date _____

Parcel ID# 2417-113-0020-000-9 *# of plans submitted 2 * # of CD's submitted ____
(Located on your tax bill)

*Owner Name Michael J Beck Jr *Owner Address 412 River Prado Fort Pierce, FL 34946

Phone # (561) 226 - 9287 Fax # (____) _____ - _____ Cell # (____) _____ - _____

Email Address ccastro@sbasite.com

***Required Information**

Type of permit Building/Generator *Valuation $ 12,000.00

*Description of Work: Placing emergency generator at T-Mobile's already existing wireless facility.
- Diesel - existing pad

Architect: Morrison Hershfield Two South University Drive, Suite 245, Plantation FL 33324

Phone(954) 577 - 4655 Fax (____) _____ - _____ Email Address ccunha@morrisonhershfield.com

Engineer: Same as above

Phone(____) _____ - _____ Fax (____) _____ - _____ Email Address _____

***CONTRACTOR/APPLICANT INFORMATION:**

City License # _____ State License # CGC1522761

Company Name Glotel, Inc. Qualifier Daniel Ault

Address 3060 Orange Grove Trail City/State Naples, FLorida Zip 34120

Phone # (239) 776 - 5884 Fax # (____) _____ - _____ Cell # (____) _____ - _____

Email Address danault@olinwaynecompanies.com

Occupancy Telecom Construction Type _____ # of Units _____ # of Stories _____

Sq. Ft. Conditioned Space _____ Total Sq. Ft. _____

I understand that no building may be occupied until a Certificate of Occupancy/Certificate of Completion has been issued after final inspection by the Building Department and full compliance with the building code, city ordinances, state statutes and other applicable rules and regulations have been satisfied. I am also verifying that all sets of plans submitted are identical.

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for electrical work, plumbing, signs, wells, pools, furnaces, boilers, heaters, tanks, and air conditioners etc.

Owner's Affidavit: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

WARNING TO OWNER:
YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Must be signed by owner/Agent and applicant:

(Signature of contractor)

State of Florida, County of Broward

Affirmed to and subscribed before me this _____, 20 18, by Daniel Ault personally known to me or who has produced as identification. N/A

Notary Signature: _____

Notary (print name) Denise Rodriguez

DENISE RODRIGUEZ MY COMMISSION # GG 084538 EXPIRES: March 16, 2021 Bonded Thru Notary Public Underwriters

(Signature of Owner or Agent (including contractor))

State of Florida, County of Broward

Affirmed to and subscribed before me this 10th of September 20 18, by Jose Delgado personally known to me or who has produced as identification. N/A

Notary Signature: _____

Notary (print name) Denise Rodriguez

DENISE RODRIGUEZ MY COMMISSION # GG 084538 EXPIRES: March 16, 2021 Bonded Thru Notary Public Underwriters

Construction documents must accompany this application. The Florida energy code submitted becomes an integral part of this plan and must pass final inspection. "Notice: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public record of this county, and there may be additional permits required from other governmental entities such as waste management district, state agencies, or federal agencies. "SIGNATURE OF THE APPLICANT MUST BE NOTARIZED. If owner builder, applicant must sign in person. BUILDING PERMIT includes: Building, Electrical, Plumbing, Mechanical, and Sewer only. All other trades require separate applications.

Asbestos compliance: It is the owner's or operator's responsibility to comply with section 469.003, Florida Statutes, and to notify the Department of Environmental Protection of his or her intentions to remove asbestos, when applicable, in accordance with state and federal law.

FEE SIMPLE TITLEHOLDER, BONDING COMPANY AND MORTGAGE LENDER INFORMATION IS REQUIRED WHEN THE AGGREGATE VALUE (TOTAL COST OF ALL IMPROVEMENTS AND NOT JUST WORK AUTHORIZED BY THE INDIVIDUAL PERMIT) IS $2500 OR MORE (EXCEPT HVAC REPAIR/REPLACEMENT< $7500). PLEASE ADDRESS ALL ITEMS.

Fee Simple Titleholder's Name (if other than owner): ☐ Same as Owner
Address: _____
City: _____ State: _____ Zip: _____

Bonding Company Name: ☐ Not Applicable
Address: _____
City: _____ State: _____ Zip: _____

Mortgage Lender's Name: ☐ Not Applicable
Address: _____
City: _____ State: _____ Zip: _____

OFFICE USE ONLY

Is the property located in a Special Flood Hazard Area (floodplain) per the current Flood Insurance Rate Map (FIRM)

☐ Yes ☑ No SG

Flood Zone: _____ Reviewed by: _____ Determination: _____

Permit Fee	$ 150	Other	$	Plan Review Fee	$ 75
State Surcharge	$ 5.53	Other	$	Routing Fee	$ 15
Subcontractor	$	Flood Review Fee	$	Other	$

Total Amount Due at Issuance $ 250.13 DWES 155.63

Remarks _____

Active Code Violation ☐ Yes ☐ No
Case # _____
Case Type _____

Reviewed by _____ Date _____ Final Check _____ Date _____

Department of Building & Community Response
P.O. Box 1480 • 100 North U.S. 1 • Fort Pierce, FL 34954
Phone: (772) 467-3529 or (772) 467-3724 • Fax: (772) 467-3849

"DEBRIS FORM"
OWNER / BUILDER OR CONTRACTOR AFFIDAVIT

As per City Ordinances 16-22, 16-46, 16-48 and As a condition of obtaining any permit for construction/repair or renovation:

Owner: Michael J Beck Jr

Property Address: 111 S 27th Street Fort Pierce, FL 34947

Permit # 20182996 Contractor: Glotel, Inc.

I understand and accept full responsibility for the prompt removal of all debris and construction materials from the property for which I am seeking to obtain a building permit in accordance with the Code of Ordinances of the City. Initials MH

I agree that no debris or construction materials will be placed on any public property or on any public right-of-way except as may be specifically authorized by the Code of Ordinances. Initials MH

I further understand that prior to a final inspection for the project completion or issuance of a Certificate of Occupancy (or Certificate of Completion), all debris and construction materials shall be removed from the property or the Inspector will not approve the final inspection. Additional reinspection fees shall apply. Initials MH

I understand and accept full responsibility for debris removal at my own expense in accordance with the City Code of Ordinances. Initials MH

I hereby acknowledge that I have read and understand the above statements and I further understand that any violation of the terms of this affidavit shall be reported to the City of Fort Pierce Department of Building and Community Response for action and possible "stop-work" order under the issued permit.

9/11/18 _____
Date Contractor or Owner/Builder's Signature

It is the owner and contractor's responsibility to verify approval for any work through the Home Owner's Association and/or Condominium Association, if applicable. The City will not be held responsible for disputes between Home Owner's Association, Condominium Association, owner and/or contractor.

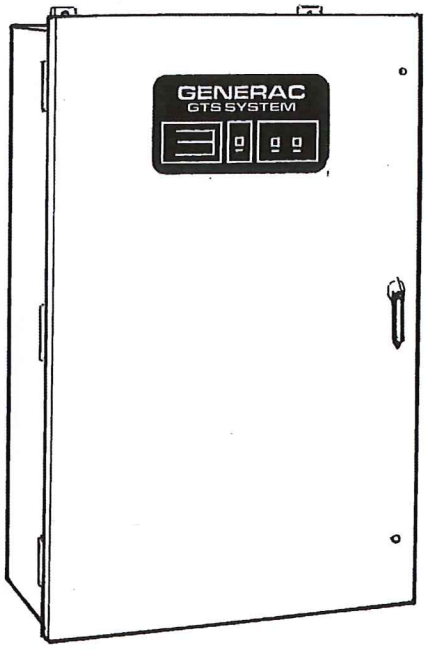
9/11/18 _____
Date Contractor or Owner/Builder's Signature

G drive/building/forms/Debris Affidavit

100 - 400 Amps, 600 VAC

GENERAC® | INDUSTRIAL POWER

Automatic Transfer Switches



- **Standard time delay neutral will reduce switchover problems.**
- **Logic control with inphase monitor regulates switch functions and allows adjustable switch settings with LED indicators.**
- **Control switches located on the front of the door for ease of operation.**
- **All switches are UL 1008 listed and CSA certified.**
- **Electrically-operated, mechanically-held and interlocked main contacts with break before make design for fast, positive connections.**
- **Rated for all classes of load, 100% equipment rated, both inductive and resistive with no derations.**
- **2, 3, and 4 Pole 600 VAC contactors.**
- **160 millisecond transfer time.**

Standard Features

- Single coil design, electrically operated and mechanically held
- Programmable exerciser
- Main contacts are silver alloy to resist welding and sticking
- Conformal coating protects all printed circuit boards
- Indicating LED's for switch position—Normal, Emergency, and Standby Operating
- NEMA 1 enclosure with hinged door and key-locking handle
- Three-position switch—Fast Test, Auto, Normal Test
- Arc chutes on main contacts

Optional Accessories

- NEMA 12 enclosure
- NEMA 3R enclosure
- NEMA 4 & 4X enclosure
- Exterior AC meter package
- Controls accessible through door in door design on NEMA type 3R and 4 enclosures – key lock provided on access door
- 4-pole design for neutral isolation
- Single or double sets of auxiliary contacts
- Preferred source selector switch
- Manual 3 position selector switch
- Remote automatic control circuit
- Signal before transfer contacts
- Return to normal timer bypass

GENERAC | INDUSTRIAL POWER

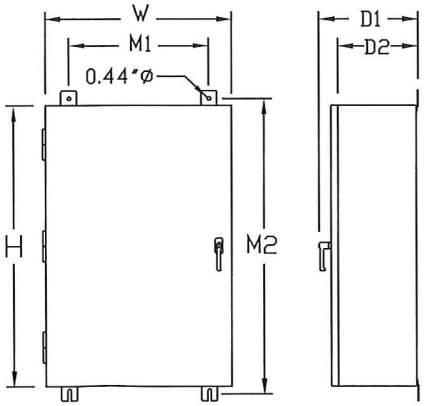
GTS Control Systems

LOGIC CONTROL w / Inphase Monitor	
Utility Voltage	
Dropout	75-95% (Adj.)
Pickup	85-95% (Adj.)
Line Interrupt	0.1-10 Sec. (Adj.)
Engine Minimum Run	5-30 Min. (Adj.)
Engine Warmup	5 Sec.-3 Min. (Adj.)
Return to Utility	1-30 Min. (Adj.)
Engine Cooldown	1-30 Min. (Adj.)
Standby Voltage	85-95% (Adj.)
Standby Frequency	80-90% (Adj.)
Time Delay Neutral	0.1-10 Sec. (Adj.)
Transfer on Exercise	On/Off Switch
Warmup Timer Bypass	On/Off Switch
Time Delay Neutral Bypass	On/Off Switch
Inphase Monitor	On/Off Switch

Withstand Current - 600 Volt GTS Series

GTS Rated Amps	100	150	200	300	400
FUSE PROTECTED					
Maximum RMS Symmetrical Fault Current – Amps	200,000	200,000	200,000	200,000	200,000
Maximum Fuse Size – Amps	200	400	400	600	600
Fuse Class	J,T	J,T	J,T	J,T	J,T
CIRCUIT BREAKER PROTECTED (See separate sheet for specific circuit breakers)					
Maximum RMS Symmetrical Fault Current – Amps	14,000	25,000	25,000	35,000	35,000
Protective Device Continuous Rating (Max) – Amps	150	300	300	600	600

- Tested in accordance with the withstand and closing requirements of UL 1008 and CSA Standards
- Current ratings are listed @ 480 VAC



Unit Dimensions

GTS Rated Amps	Voltage	Enclosure Height	Enclosure Width	Wall Mount Bolt Pattern		Enclsoure Depth		Weight (lbs.)
		H	W	M1	M2	D1	D2	
100	All	36	24	18	37.5	12.7	10	180
150-200	120/240	36	24	18	37.5	12.7	10	185
150-200	120/208	36	24	18	37.5	12.7	10	185
150-200	277/480	48*	30*	24	49.5	14.8	12	265
150-200	600	48*	30*	24	49.5	14.8	12	265
300-400	120/240	36	24	18	37.5	12.7	10	245
300-400	120/208	36	24	18	37.5	12.7	10	245
300-400	277/480	48*	30*	24	49.5	14.8	12	325
300-400	600	48*	30*	24	49.5	14.8	12	325

* Note: On NEMA 1 enclosures only, door overlaps enclosure – door dimensions are 48.8 H X 30.8 W. All dimensions in inches.

Terminal Lug Wire Ranges

GTS RATED AMPS	CONTACTOR TERMINALS (1 LUG PER POLE) LUG WIRE RANGE	NEUTRAL BAR* # LUGS	NEUTRAL BAR* LUG WIRE RANGE	GROUND LUG (1 PROVIDED) LUG WIRE RANGE
100	2/0 – 14 AWG	4	2/0 – 14 AWG	2/0 – 14 AWG
150	400MCM – 4 AWG	4	350MCM – 6 AWG	350MCM – 6 AWG
200	400MCM – 4 AWG	4	350MCM – 6 AWG	350MCM – 6 AWG
300	600MCM – 4 AWG or 2 – [250MCM – 1/0 AWG]	4	600MCM – 4 AWG [250MCM – 1/0 AWG]**	350MCM – 6 AWG 350MCM – 6 AWG
400	600MCM – 4 AWG or 2 – [250MCM – 1/0 AWG]	4	600MCM – 4 AWG [250MCM – 1/0 AWG]**	350MCM – 6 AWG

* Not included in GTS with switched neutral. ** Allowable wire range in brackets is for 2 wires per lug.

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SD025 | 2.4L | 25 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

STANDBY POWER RATING

25 kW, 31 kVA, 60 Hz

PRIME POWER RATING*

23 kW, 28 kVA, 60 Hz

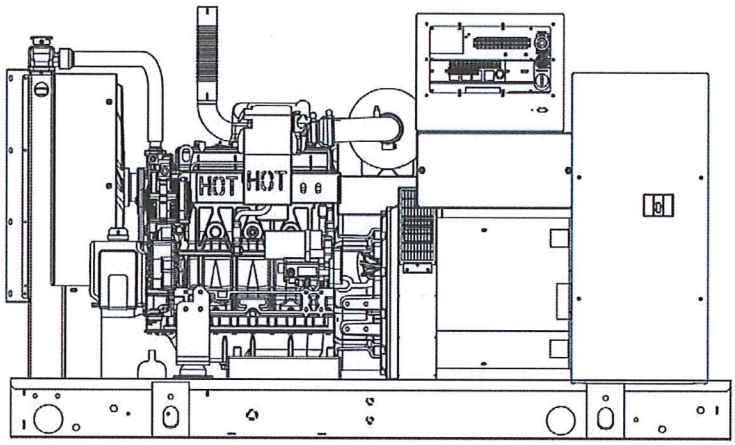


Image used for illustration purposes only

*Built in the USA using domestic and foreign parts

*EPA Certified Prime ratings are not available in the U.S. or its Territories.

**Certain options or customization may not hold certification valid.

CODES AND STANDARDS

Generac products are designed to the following standards:

UL2200, UL508, UL142, UL498

NFPA70, 99, 110, 37

NEC700, 701, 702, 708

ISO9001, 8528, 3046, 7637, Pluses #2b, 4

NEMA ICS10, MG1, 250, ICS6, AB1

ANSI C62.41

POWERING AHEAD

For over 50 years, Generac has led the industry with innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

SD025 | 2.4L | 25 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

STANDARD FEATURES

ENGINE SYSTEM

General

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel flexible exhaust connection
- Critical Exhaust Silencer (enclosed only)
- Factory Filled Oil
- Radiator Duct Adapter (open set only)

Fuel System

- Fuel lockoff solenoid
- Primary fuel filter

Cooling System

- Closed Coolant Recovery System
- UV/Ozone resistant hoses
- Factory-Installed Radiator
- Radiator Drain Extension
- 50/50 Ethylene glycol antifreeze
- 120 VAC Coolant Heater

Engine Electrical System

- Battery charging alternator
- Battery cables
- Battery tray
- Solenoid activated starter motor
- Rubber-booted engine electrical connections

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- 12 leads (3-phase, non 600 V)
- Class H insulation material
- Vented rotor
- 2/3 pitch
- Skewed stator
- Auxiliary voltage regulator power winding
- Amortisseur winding
- Brushless Excitation
- Sealed Bearings
- Automated manufacturing (winding, insertion, lacing, varnishing)
- Rotor dynamically spin balanced
- Full load capacity alternator
- Protective thermal switch

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of circuits - high/low voltage
- Separation of circuits - multiple breakers
- Silencer Heat Shield
- Wrapped Exhaust Piping
- Silencer housed in discharge hood (enclosed only)
- Standard Factory Testing
- 2 Year Limited Warranty (Standby rated Units)
- 1 Year Limited Warranty (Prime rated Units)
- Silencer mounted in the discharge hood (enclosed only)

ENCLOSURE (IF SELECTED)

- Rust-proof fasteners with nylon washers to protect finish
- High performance sound-absorbing material
- Gasketed doors
- Stamped air-intake louvers
- Air discharge hoods for radiator-upward pointing
- Stainless steel lift off door hinges
- Stainless steel lockable handles
- Rhino Coat™ - Textured polyester powder coat

TANKS (IF SELECTED)

- UL 142
- Double wall
- Vents
- Sloped top
- Sloped bottom
- Factory pressure tested (2 psi)
- Rupture basin alarm
- Fuel level
- Check valve in supply and return lines
- Rhino Coat™ - Textured polyester powder coat
- Stainless hardware

CONTROL SYSTEM



Control Panel

- Digital H Control Panel - Dual 4x20 Display
- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable PLC
- RS-232/485
- All-Phase Sensing DVR
- Full System Status
- Utility Monitoring
- Low Fuel Pressure Indication
- 2-Wire Start Compatible
- Power Output (kW)
- Power Factor
- kW Hours, Total & Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus protocol
- Predictive Maintenance algorithm
- Sealed Boards
- Password parameter adjustment protection
- Single point ground
- 15 channel data logging
- 0.2 msec high speed data logging
- Alarm information automatically comes up on the display

Alarms

- Oil Pressure (Pre-programmable Low Pressure Shutdown)
- Coolant Temperature (Pre-programmed High Temp Shutdown)
- Coolant Level (Pre-programmed Low Level Shutdown)
- Low Fuel Pressure Alarm
- Engine Speed (Pre-programmed Over speed Shutdown)
- Battery Voltage Warning
- Alarms & warnings time and date stamped
- Alarms & warnings for transient and steady state conditions
- Snap shots of key operation parameters during alarms & warnings
- Alarms and warnings spelled out (no alarm codes)

SD025 | 2.4L | 25 kW

INDUSTRIAL DIESEL GENERATOR SET

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CONFIGURABLE OPTIONS

ENGINE SYSTEM

General

- O Oil Heater
- O Industrial Exhaust Silencer

Fuel System

- O Flexible fuel lines
- O Primary fuel filter

Engine Electrical System

- O 10A UL battery charger
- O 2.5A UL battery charger
- O Battery Warmer

ALTERNATOR SYSTEM

- O Alternator Upsizing
- O Anti-Condensation Heater
- O Tropical coating
- O Permanent Magnet Excitation

CIRCUIT BREAKER OPTIONS

- O Main Line Circuit Breaker
- O 2nd Main Line Circuit Breaker
- O Shunt Trip and Auxiliary Contact
- O Electronic Trip Breaker

GENERATOR SET

- O Gen-Link Communications Software (English Only)
- O 8 Position Load Center
- O 2 Year Extended Warranty
- O 5 Year Warranty
- O 5 Year Extended Warranty

ENCLOSURE

- O Weather Protected
- O Level 1 Sound Attenuation
- O Level 2 Sound Attenuation
- O Steel Enclosure
- O Aluminum Enclosure
- O 150 MPH Wind Kit
- O 12 VDC Enclosure Lighting Kit
- O 120 VAC Enclosure Lighting Kit
- O AC/DC Enclosure Lighting Kit
- O Door Alarm Switch

TANKS (Size on last page)

- O Electrical Fuel Level
- O Mechanical Fuel Level
- O 54 Gal (204.4 L) Usable Capacity
- O 132 Gal (499.7 L) Usable Capacity
- O 211 Gal (798.7 L) Usable Capacity
- O 300 Gal (1135.6 L) Usable Capacity
- O 8" Fill Extension
- O 13" Fill Extension
- O 19" Fill Extension

CONTROL SYSTEM

- O 21-Light Remote Annunciator
- O Remote Relay Panel (8 or 16)
- O Oil Temperature Sender with Indication Alarm
- O Remote E-Stop (Break Glass-Type, Surface Mount)
- O Remote E-Stop (Red Mushroom-Type, Surface Mount)
- O Remote E-Stop (Red Mushroom-Type, Flush Mount)
- O Remote Communication - Modem
- O Remote Communication - Ethernet
- O 10A Run Relay
- O Ground Fault Indication and Protection Functions

ENGINEERED OPTIONS

ENGINE SYSTEM

- O Coolant heater ball valves
- O Block Heaters
- O Fluid containment pans

ALTERNATOR SYSTEM

- O 3rd Breaker Systems

CONTROL SYSTEM

- O Spare inputs (x4) / outputs (x4) - H Panel Only
- O Battery Disconnect Switch

GENERATOR SET

- O Special Testing
- O IBC Seismic Certification

ENCLOSURE

- O Motorized Dampers
- O Door switched for intrusion alert
- O Enclosure ambient heaters

TANKS

- O Overfill Protection Valve
- O UL2085 Tank
- O ULC S-601 Tank
- O Stainless Steel Tank
- O Special Fuel Tanks (MIDEQ and FL DEP/DERM, etc.)
- O Vent Extensions

RATING DEFINITIONS

Standby - Applicable for a varying emergency load for the duration of a utility power outage with no overload capability.

Prime - Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. A 10% overload capacity is available for 1 out of every 12 hours. The Prime Power option is only available on International applications. Power ratings in accordance with ISO 8528-1, Second Edition

SD025 | 2.4L | 25 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

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APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Generac
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emissions Data Sheet
Cylinder #	4
Type	In-Line
Displacement - L (cu In)	2.4 (146.46)
Bore - mm (in)	90 (3.54)
Stroke - mm (in)	94 (3.70)
Compression Ratio	21.3:1
Intake Air Method	Turbocharged
Cylinder Head Type	Cast Iron
Piston Type	Aluminium

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	+/- 0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow
Crankcase Capacity - L (qts)	6.2 (6.52)

Cooling System

Cooling System Type	Closed Recovery
Water Pump	Pre-Lubed, Self Sealing
Fan Type	Pusher
Fan Speed (rpm)	2698
Fan Diameter mm (in)	560 (22)
Coolant Heater Wattage	1500
Coolant Heater Standard Voltage	120 VAC

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (microns)	5
Fuel Injection	Distribution Injection Pump
Fuel Pump Type	Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line mm (in)	7.94 (0.31)
Fuel Return Line mm (in)	7.94 (0.31)

Engine Electrical System

System Voltage	12 VDC
Battery Charging Alternator	Std
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	390
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50
Standard Excitation	Synchronous
Bearings	Single Sealed Cartridge
Coupling	Direct, Flexible Disc
Load Capacity - Standby	100%
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	±0.25%

SD025 | 2.4L | 25 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

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OPERATING DATA

POWER RATINGS

		Standby
Single-Phase 120/240 VAC @1.0pf	25 kW	Amps: 104
Three-Phase 120/208 VAC @0.8pf	25 kW	Amps: 87
Three-Phase 120/240 VAC @0.8pf	25 kW	Amps: 75
Three-Phase 277/480 VAC @0.8pf	25 kW	Amps: 38
Three-Phase 346/600 VAC @0.8pf	25 kW	Amps: 30

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

		480 VAC						208/240 VAC					
Alternator	kW	10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	25	16	25	33	41	49	57	12	19	25	31	37	43
Upsize 1	35	24	36	48	60	72	84	18	27	36	45	54	63
Upsize 2	40	27	41	54	68	81	95	20	31	41	51	61	71

FUEL CONSUMPTION RATES*

Fuel Pump Lift - ft (m)
3 (1)

Total Fuel Pump Flow (Combustion + Return)
4.5 gal/hr

Diesel - gal/hr (l/hr)

Percent Load	Standby
25%	0.8 (3.0)
50%	1.33 (5.0)
75%	1.67 (6.3)
100%	2.5 (9.5)

* Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby
Coolant Flow per Minute	gal/min (l/min)	10 (38)
Coolant System Capacity	gal (L)	2.8 (10.95)
Heat Rejection to Coolant	BTU/hr	103,080
Inlet Air	cfm (m3/hr)	4,500 (7647)
Max. Operating Radiator Air Temp	F° (C°)	122 (50)
Max. Ambient Temperature (before derate)	F° (C°)	110 (43.3)
Maximum Radiator Backpressure	in H_2O	0.5

COMBUSTION AIR REQUIREMENTS

		Standby
Flow at Rated Power	cfm (m3/min)	90 (2.55)

ENGINE

		Standby
Rated Engine Speed	rpm	1800
Horsepower at Rated kW**	hp	49
Piston Speed	ft/min (m/min)	1110 (338)
BMEP	psi	117

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

EXHAUST

		Standby
Exhaust Flow (Rated Output)	cfm (m^3/min)	208 (354)
Max. Backpressure (Post Silencer)	inHg (Kpa)	1.5 (5.1)
Exhaust Temp (Rated Output)	°F (°C)	790 (421)
Exhaust Outlet Size (Open Set)	mm (in)	63.5 (2.5)

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

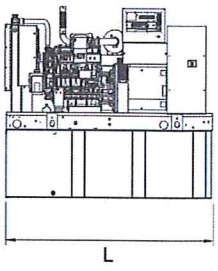
SD025 | 2.4L | 25 kW

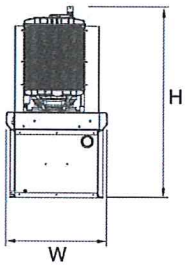
INDUSTRIAL DIESEL GENERATOR SET

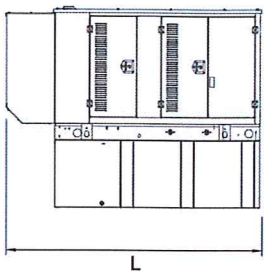
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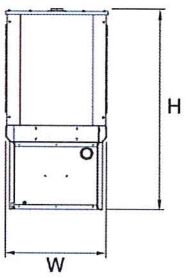
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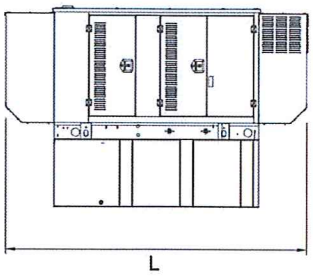
DIMENSIONS AND WEIGHTS*

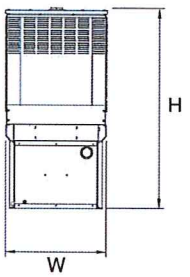


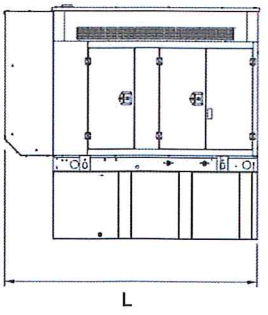


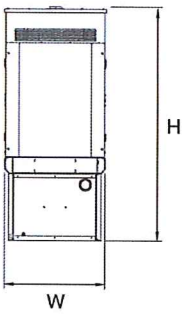












OPEN SET

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Tank & Open Set
NO TANK	-	76 (1930.4) x 37.4 (949.9) x 42.2 (1072.1)	2060 (934)
21	54 (204.4)	76 (1930.4) x 37.4 (949.9) x 55.2 (1402.1)	2540 (1152)
52	132 (499.7)	76 (1930.4) x 37.4 (949.9) x 67.2 (1706.9)	2770 (1257)
84	211 (798.7)	76 (1930.4) x 37.4 (949.9) x 79.2 (2011.7)	2979 (1351)
120	300 (1135.6)	92.9 (2360) x 37.4 (949.9) x 82.7 (2100.6)	3042 (1380)

STANDARD ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	94.8 (2408.9) x 38 (965.2) x 49.5 (1258.1)		
21	54 (204.4)	94.8 (2408.9) x 38 (965.2) x 62.5 (1587.5)		
52	132 (499.7)	94.8 (2408.9) x 38 (965.2) x 74.5 (1892.3)	302 (137)	191 (87)
84	211 (798.7)	94.8 (2408.9) x 38 (965.2) x 86.5 (2197.1)		
120	300 (1135.6)	94.8 (2408.9) x 38 (965.2) x 90 (2286)		

LEVEL 1 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	112.5 (2857.1) x 38 (965.2) x 49.5 (1258.1)		
21	54 (204.4)	112.5 (2857.1) x 38 (965.2) x 62.5 (1587.5)		
52	132 (499.7)	112.5 (2857.1) x 38 (965.2) x 74.5 (1892.3)	455 (206)	288 (131)
84	211 (798.7)	112.5 (2857.1) x 38 (965.2) x 86.5 (2197.1)		
120	300 (1135.6)	112.5 (2857.1) x 38 (965.2) x 90 (2286)		

LEVEL 2 ACOUSTIC ENCLOSURE

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	94.8 (2408.9) x 38 (965.2) x 62 (1573.9)		
21	54 (204.4)	94.8 (2408.9) x 38 (965.2) x 75 (1905)		
52	132 (499.7)	94.8 (2408.9) x 38 (965.2) x 87 (2209.8)	460 (209)	291 (132)
84	211 (798.7)	94.8 (2408.9) x 38 (965.2) x 99 (2514.6)		
120	300 (1135.6)	94.8 (2408.9) x 38 (965.2) x 102.5 (2603.5)		

*All measurements are approximate and for estimation purposes only. Sound dBA can be found on the sound data sheet. Enclosure Only weight is added to Tank & Open Set weight to determine total weight.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

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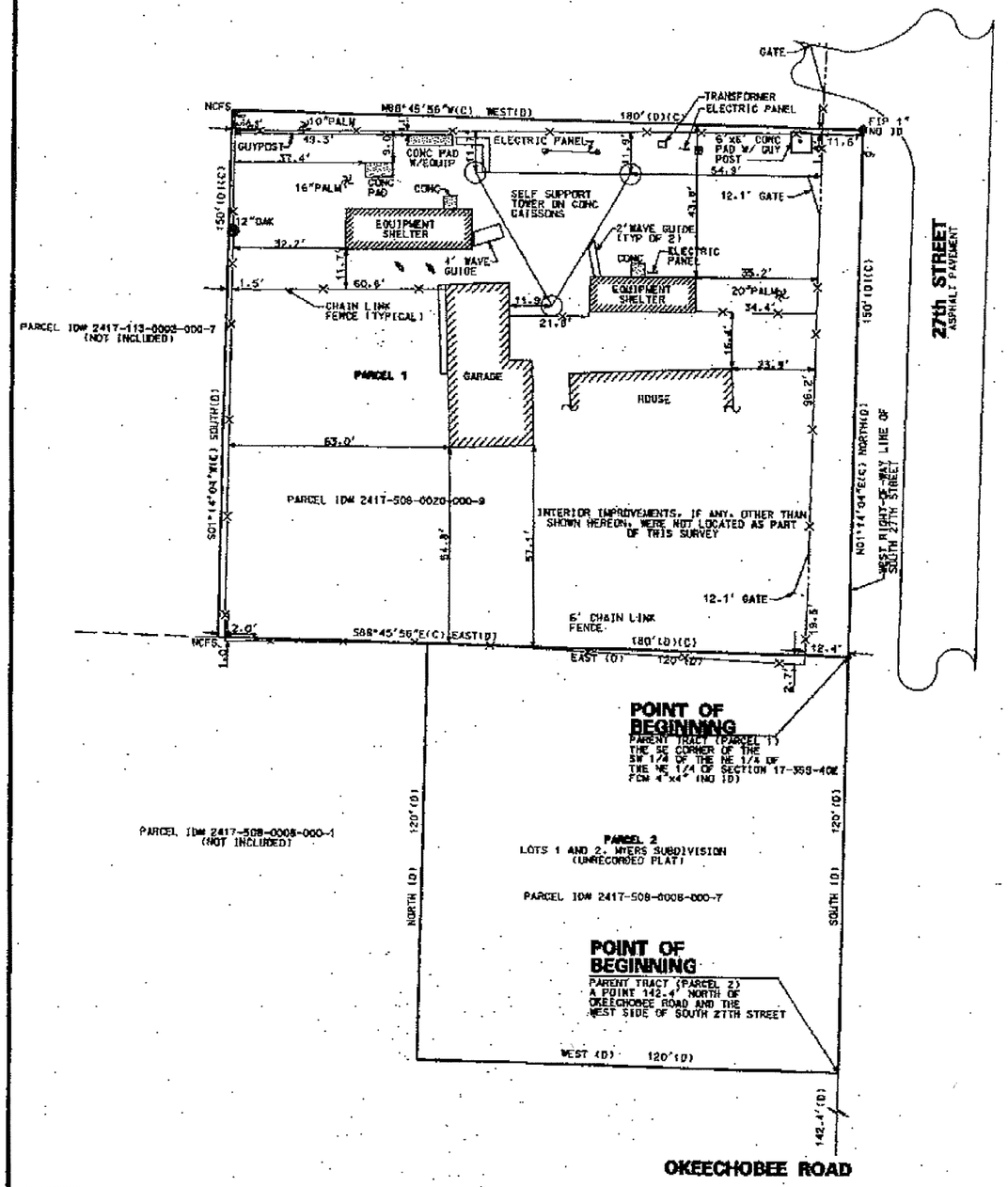
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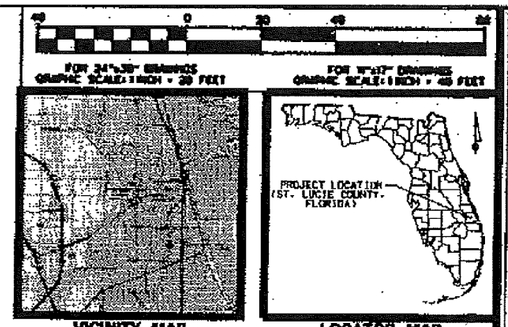
SECTION 17, TOWNSHIP 35 SOUTH, RANGE 40 EAST, ST. LUCIE COUNTY, FLORIDA.

FL 4817-A
Revised Survey

LEGEND:

(M) = PLAT DATA	NAVD88 = NORTH AMERICAN VERTICAL DATUM 1988	= ELECTRIC METER	
(C) = CALCULATED DATA	NCFS = NO CORNER FOUND OR SET	= TELEPHONE PEDESTAL	
(F) = FIELD DATA	NO. = NUMBER	= GROUND RING	
(D) = DEED DATA	OH = OVERHEAD WIRES	= GUY WIRE	
CONC = CONCRETE	PKWY = PARKWAY	= GATE	
BLDG = BUILDING/SHELTER	TOB = TOP OF BANK	W.G. = WAVE GUIDE	
ELEV. = ELEVATION	TOS = TOP OF SLOPE	= SATELLITE DISH	
F.D.O.T. = FLORIDA DEPARTMENT OF TRANSPORTATION	TYP = TYPICAL	= PROPANE TANK	
FL = FLORIDA	REF. PT. = REFERENCE POINT	= UTILITY POLE	
GPS = GLOBAL POSITIONING SATELLITE	FIR = FOUND IRON ROD	= CHAIN LINK FENCE	
ID = IDENTIFICATION	FIP = FOUND IRON PIPE	= WOOD FENCE	
INC. = INCORPORATED	FCM = FOUND CONCRETE MONUMENT	= ELECTRIC PACK/ RECEPT	
MES = MITERED END SECTION	FIRC = FOUND IRON ROD & CAP	= LIGHT POLE	
NAD = NORTH AMERICAN DATUM	SIRC = SET IRON ROD & CAP B/B LB #6901	= BENCHMARK	
NO. = NUMBER	FP/NAIL = FOUND PARKER-KALON NAIL AND DISK	= CENTERLINE	
ID = IDENTIFICATION	SP/NAIL = SET PARKER-KALON NAIL AND DISK	= PLAN	
POB = POINT OF BEGINNING	LB = LICENSED BUSINESS	EQUIP = EQUIPMENT	
TRANS. = TRANSFORMER	ELE = ELECTRIC	O.R. = OFFICIAL RECORDS	
(SEE NOTE 10)	TELE = TELEPHONE	A/C = AIR CONDITIONER	





DESCRIPTION: PARENT TRACT (AS PROVIDED BY CLIENT) (PER OFFICIAL RECORDS BOOK 1580, PAGE 2660, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA)

PARCEL 1: COMMENCING AT THE SE CORNER OF THE SW 1/4 OF THE NE 1/4 OF THE NE 1/4 OF SECTION 17, TOWNSHIP 35 SOUTH, RANGE 40 EAST, RUN NORTH ALONG THE WEST RIGHT-OF-WAY LINE OF SOUTH 27TH STREET; A DISTANCE OF 150 FEET TO A POINT; THENCE RUN WEST A DISTANCE OF 180 FEET TO A POINT; THENCE RUN SOUTH A DISTANCE OF 150 FEET TO A POINT; THENCE RUN EAST TO THE POINT AND PLACE OF BEGINNING. ALL LYING AND BEING IN ST. LUCIE COUNTY, FLORIDA.

PARCEL 2: BEGINNING AT A POINT APPROXIMATELY 142.4 FEET NORTH OF OKEECHOBEE ROAD AND THE WEST SIDE OF SOUTH 27TH STREET; BEING IN THE EAST 8 ACRES OF THE NW 1/4 OF THE SE 1/4 OF THE NE 1/4 LYING NORTH OF OKEECHOBEE ROAD, IN SECTION 17, TOWNSHIP 35 SOUTH, RANGE 40 EAST; THENCE RUN WEST A DISTANCE OF 120 FEET; THENCE RUN NORTH A DISTANCE OF 120 FEET; THENCE RUN EAST A DISTANCE OF 120 FEET; THENCE RUN SOUTH ON SOUTH 27TH STREET TO A MONUMENT, BEING THE POINT OF BEGINNING. ABOVE DESCRIBED LAND ALSO BEING KNOWN AS LOTS 1 AND 2, BLOCK 2, MYERS SUBDIVISION, AN UNRECORDED PLAN, SAID LAND LYING AND BEING IN ST. LUCIE COUNTY, FLORIDA.

NOTES:

1). THE PROPOSED SUBJECT AREA APPEARS TO FALL WITHIN ZONE X AS SCALED FROM FLOOD INSURANCE RATE MAP, COMMUNITY: 12111C PANEL NUMBER 0186 F, EFFECTIVE DATE 9/19/1991.

2). BEARINGS ARE BASED ON THE WESTERLY RIGHT OF WAY LINE OF 27TH STREET BEING N01°14'04"E (ASSUMED)

3). NO UNDERGROUND UTILITIES OR UNDERGROUND IMPROVEMENTS, IF ANY, WERE LOCATED DURING THE COURSE OF THIS SURVEY. NO UTILITIES WERE LOCATED EXCEPT AS SHOWN HEREON.

4). THIS SURVEY WAS PERFORMED ON THE GROUND ON MAY 23, 2006 UNDER THE SUPERVISION OF A FLORIDA PROFESSIONAL SURVEYOR AND MAPPER.

5). DIMENSIONS SHOWN ARE IN FEET AND DECIMAL PARTS THEREOF.

6). THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.

7). DURING THE COURSE OF THIS SURVEY, NO SEARCH FOR VISIBLE EVIDENCE OF EXISTING OR FORMER AREAS OF FACILITIES WHICH MAY HAVE INVOLVED USE OR STORAGE OF HAZARDOUS OR TOXIC SUBSTANCES WAS MADE, NOR WERE ANY WETLAND AREAS OR JURISDICTIONAL WETLANDS SHOWN OR LOCATED.

8). REPRODUCTIONS OF THIS SURVEY ARE NOT VALID UNLESS SEALED WITH AN EMBOSSED SURVEYORS SEAL. ADDITIONS OR DELETIONS TO THIS SURVEY MAP BY ANY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

9). PREPARED WITHOUT THE BENEFIT OF A TITLE COMMITMENT. THIS SURVEY REFLECTS THE DESCRIPTION PROVIDED BY THE CLIENT. NO ABSTRACT EXAMINATION IS IMPLIED. THE INFORMATION HEREON IS SUBJECT TO EASEMENTS, RESTRICTIONS AND RESERVATIONS OF RECORD. THE CERTIFICATION OF THIS SURVEY APPLIES ONLY TO THE PERSON / PERSONS SHOWN.

10). THE SOLE PURPOSE OF THIS SURVEY IS TO SHOW THE RELATIONSHIP BETWEEN THE IMPROVEMENTS WITHIN THE FENCED-IN TOWER COMPOUND.

11). THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1 INCH = 20 FEET (24"x36" DRAWINGS) & 1 INCH = 40 FEET (11"x17" DRAWINGS) OR SMALLER.

MAP OF TWO DIMENSIONAL TOPOGRAPHIC SURVEY OF FENCED IN TOWER COMPOUND

THE CERTIFICATION OF THIS SURVEY APPLIES ONLY TO THE PERSON / PERSONS SHOWN

THIS SURVEY WAS MADE UNDER MY DIRECTION AND MEETS THE MINIMUM TECHNICAL STANDARD REQUIREMENTS OF CHAPTER 61G17-6 OF THE FLORIDA ADMINISTRATIVE CODE, NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

JAMES MORRISON
FLORIDA PROFESSIONAL SURVEYOR & MAPPER NO. 6908

DRAWING RECORD

DRAWN BY: C.ZAMARRIPA	DATE: 5-25-06	FIELD BOOK/PAGE: N/A
CHECKED BY: J.FLASKAMP	DATE: 5-30-06	SEC-TOWN-RANGE 17-35S-40E
FIELD BY: D. GARNER	DATE: 5-23-06	COUNTY ST. LUCIE

NO.	DESCRIPTION
1	
2	
3	
4	

DRAWN BY: C.ZAMARRIPA
CHECKED BY: J.FLASKAMP

KCI TECHNOLOGIES
LICENSED BUSINESS
KCI TECHNOLOGIES, INC.
4902 HIGHLAND MANOR DRIVE
SUITE 120
TAMPA, FLORIDA 33634
(813) 743-2929

SBA

27th STREET
FL 04817-A

THIS DRAWING IS THE PROPERTY OF THE SURVEYOR-ENGINEER AND MAY NOT BE USED OR REPRODUCED WITHOUT HIS/HER EXPRESSED WRITTEN PERMISSION.

SCALE: AS NOTED
DATED: 5-25-2006
NO./ADA REVISION:

SHEET TITLE

SHEET

T-Mobile®

SBA 27TH STREET

1111 S 27TH STREET
FORT PIERCE, FL 34947

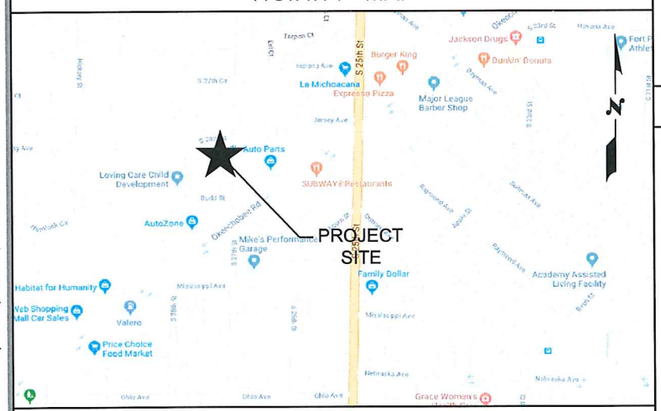
A2P0084A

GENERATOR PROJECT

LOCAL MAP



VICINITY MAP



DRIVING DIRECTIONS

FROM T-MOBILE'S OFFICE: PROCEED NORTHWEST AND TURN LEFT ONTO SAWGRASS CORPORATE PKWY, USE THE 2ND FROM THE RIGHT LANE TO TURN LEFT ONTO W SUNRISE BLVD. USE THE RIGHT 2 LANES TO MERGE ONTO FL-869 N VIA THE RAMP TO W PALM BEACH. MERGE ONTO FL-869 N. USE THE RIGHT 2 LANES TO TAKE EXIT 21A-B FOR FLORIDA'S TURNPIKE N. MERGE ONTO FL-91/FLORIDA'S TURNPIKE. TAKE EXIT 152 FOR FL-70 TOWARD FT PIERCE/OKEECHOBEE. TURN RIGHT ONTO FL-70/OKEECHOBEE RD. USE THE LEFT 2 LANES TO TURN SLIGHTLY LEFT ONTO OKEECHOBEE RD. TURN LEFT ONTO S 27TH ST. THE SITE WILL BE ON THE LEFT.

SCOPE OF WORK

INSTALLATION OF NEW DIESEL GENERATOR & NEW ATS WITHIN EXISTING FENCED COMPOUND. CONNECTIONS TO EXISTING POWER SUPPLY.

PROPERTY SUMMARY

PARCEL #:	2417-113-0020-000-9
LATITUDE:	27° 26' 12.92" N
LONGITUDE:	80° 21'08.72" W
ZONING JURISDICTION:	FORT PIERCE
ZONING CLASSIFICATION:	~~C-3~~-GEN C

LEGAL DESCRIPTION

17 35 40 W 180 FT OF E 205 FT OFS 150 FT OF SW 1/4 OF NE 1/4 OF NE 1/4 (9-A) (OR 1580-2660; 3861-604: 3903-203)

CONTACTS

APPLICANT

T-MOBILE USA
1300 CONCORD TERRACE
SUITE 200
SUNRISE, FL 33323

TOWER OWNER CONTACT:

LANDLORD: SBA COMMUNICATIONS CORPORATION

ADDRESS: 5900 BROKEN SOUND PARKWAY NW

CITY, STATE, ZIP: BOCA RATON, FL 33487

PROPERTY OWNER CONTACT:

OWNERS: MICHAEL J BECK JR (LF EST)

ADDRESS: 412 RIVER PRADO

CITY, STATE, ZIP: FORT PIERCE, FL 34946

APPLICABLE CODES

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

1. FLORIDA BUILDING CODE 2017, SIXTH EDITION
   WIND DESIGN CRITERIA:
   A. ASCE 7-10
      BASIC WIND SPEED= 160 MPH (ULTIMATE 3s GUST)
      RISK CATEGORY = II
      EXPOSURE= C
   B. ANSI/ TIA - 222- G
      (ALLOWED PER EXEMPTION #5 OF 1609.1.1, FBC2017)
      BASIC WIND SPEED = 124 MPH (NOMINAL 3s GUST)
      STRUCTURE CLASS = II
      EXPOSURE= C
2. FLORIDA FIRE PREVENTION CODE- 2017
3. NATIONAL ELECTRICAL CODE (2014)
4. CITY AND/OR COUNTY ORDINANCES

INDEX OF DRAWINGS

SHT. NO.	DESCRIPTION	REV. NO.
T1	COVER SHEET	0
T2	NOTES	0
A1	COMPOUND PLAN	0
A2	EQUIPMENT PLANS	0
A3	ELEVATION	0
A4	GENERATOR DETAILS	0
A5	GENERATOR TANK DETAILS	0
A6	DETAILS	0
E1	ELECTRICAL PLAN, GROUNDING PLAN AND NOTES	0
E2	ELECTRICAL RISER DIAGRAM & PANEL SCHEDULE	0
E3	ELECTRICAL AND GROUNDING DETAILS	0
E4	ATS MANUFACTURER SPECIFICATIONS	0

APPROVALS

PROPERTY OWNER _____

RF ENGINEER _____

CONSTRUCTION _____

SITE ACQUISITION _____

ZONING _____

NETWORK _____

OPERATIONS _____

CONTRACTOR _____

NOTES

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

RELEASED FOR PERMIT
AUG 2 0 2018
MORRISON HERSHFIELD CORP.

STATE OF FLORIDA
ROBERT J. LARA
AR92824
REGISTERED ARCHITECT

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

No.	Date	Action
0	08/20/18	ISSUED FOR PERMIT
A	05/15/18	90% CD SUBMITTAL

Client:

T-Mobile

1300 CONCORD TERRACE
SUITE 200
SUNRISE, FL. 33323

Consultant:

MORRISON HERSHFIELD
Two South University Drive, Suite 245,
Plantation, FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
FL C OF A #8508
FL Architect business # AA26002368
www.morrisonhershfield.com

Project:

SBA 27TH STREET
A2P0084A
1111 S 27TH STREET
FORT PIERCE, FL 34947

Drawing Title:

COVER SHEET

Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. T-1

SCALE IS BASE ON 22" X 34" "D" SIZE

P:\2018\180168300-TMO MOD-US SE GEN1600 FL\11. Site\A2P0084A\09. CAD\DRAWINGS\REV 0\180168300_A2P0084A_SBA 27TH STREET_GEN CDs_REV 0_08.20.2018.DWG 08/20/2018 5:25pm Xpiraldo

ARCHITECTURAL GENERAL NOTES

1. WORK SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS. ALL NECESSARY LICENSES, CERTIFICATES, ETC., REQUIRED BY AUTHORITY HAVING JURISDICTION SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR.
2. THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND CONDITIONS AT THE JOB SITE WHICH COULD AFFECT THE WORK UNDER THIS CONTRACT. ALL MANUFACTURERS RECOMMENDED SPECIFICATIONS, EXCEPT THOSE SPECIFICATIONS HEREIN, WHERE MOST STRINGENT SHALL BE COMPLIED WITH.
3. THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF ANY AND ALL MECHANICAL, ELECTRICAL, PLUMBING, OR STRUCTURAL ELEMENTS, AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE MET. NOTIFY THE CONSULTANT OF ANY CONFLICTS. THE CONSULTANT HAS THE RIGHT TO MAKE MINOR MODIFICATIONS IN THE DESIGN OF THE CONTRACT WITHOUT THE CONTRACTOR GETTING ADDITIONAL COMPENSATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF ALL TRADES AND REMOVE ALL DEBRIS FROM THE CONSTRUCTION SITE. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE BUILDING, SITE, AND ANY OTHER SURROUNDING AREAS TO A BETTER THAN NEW CONDITION.
5. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, ETC. ACCORDING TO APPLICABLE CODES, STANDARDS, AND GOOD CONSTRUCTION PRACTICES.
6. WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS OR REFERRED TO IN THE SPECIFICATIONS, UNLESS NOTED OTHERWISE.
7. WHERE NEW PAVING, CONCRETE SIDEWALKS OR PATHS MEET EXISTING CONSTRUCTION, THE CONTRACTOR SHALL MATCH THE EXISTING PITCH, GRADE, AND ELEVATION SO THE ENTIRE STRUCTURE SHALL HAVE A SMOOTH TRANSITION.
8. THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN CONFIRMATION OF THE EXPECTED DATE OF COMPLETION OF THE POWER CONNECTION FROM THE POWER COMPANY.
9. IF THE POWER COMPANY IS UNABLE TO PROVIDE THE POWER CONNECTION BY OWNER'S REQUIRED DATE, THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY GENERATOR UNTIL THE POWER COMPANY CONNECTION IS COMPLETED. COSTS ASSOCIATED WITH THE TEMPORARY GENERATOR TO BE APPROVED BY THE OWNER.
10. PLANS PART OF THIS SET ARE COMPLEMENTARY. INFORMATION IS NOT LIMITED TO ONE PLAN. DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER ON OTHER PROJECTS OR EXTENSION TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO MORRISON HERSHFIELD. THESE PLANS WERE PREPARED TO BE SUBMITTED TO GOVERNMENTAL BUILDING AUTHORITIES FOR REVIEW FOR COMPLIANCE WITH APPLICABLE CODES AND IT IS THE SOLE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO BUILD ACCORDING TO APPLICABLE BUILDING CODES.
11. IF CONTRACTOR OR SUB-CONTRACTOR FIND IT NECESSARY TO DEVIATE FROM ORIGINAL APPROVED PLANS, THEN IT IS THE CONTRACTOR'S AND THE SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ARCHITECT WITH 4 COPIES OF THE PROPOSED CHANGES FOR HIS APPROVAL BEFORE PROCEEDING WITH THE WORK. IN ADDITION THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY APPROVALS FROM THE BUILDING AUTHORITIES FOR THE PROPOSED CHANGES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY INSPECTIONS AND APPROVALS FROM BUILDING AUTHORITIES DURING THE EXECUTION OF THE WORK.
12. IN EVERY EVENT, THESE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL BE INTERPRETED TO BE A MINIMUM ACCEPTABLE MEANS OF CONSTRUCTION BUT THIS SHALL NOT RELIEVE THE CONTRACTOR, SUB-CONTRACTOR, AND/OR SUPPLIER/MANUFACTURER FROM PROVIDING A COMPLETE AND CORRECT JOB WHEN ADDITIONAL ITEMS ARE REQUIRED TO THE MINIMUM SPECIFICATION. IF ANY ITEMS NEED TO EXCEED THESE MINIMUM SPECIFICATIONS TO PROVIDE A COMPLETE, ADEQUATE AND SAFE WORKING CONDITION, THEN IT SHALL BE THE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE DRAWINGS. FOR EXAMPLE, IF AN ITEM AND/OR PIECE OF EQUIPMENT REQUIRES A LARGER WIRE SIZE (I.E. ELECTRICAL WIRE), STRONGER OR LARGER PIPING, INCREASED QUANTITY (I.E. STRUCTURAL ELEMENTS), REDUCED SPACING, AND/OR INCREASED LENGTH (I.E. BOLT LENGTHS, BAR LENGTHS) THEN IT SHALL BE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE BID/PROPOSAL. THESE DOCUMENTS ARE MEANT AS A GUIDE AND ALL ITEMS REASONABLY INFERRED SHALL BE DEEMED TO BE INCLUDED.
13. THESE CONTRACT DOCUMENTS AND SPECIFICATIONS SHALL NOT BE CONSTRUED TO CREATE A CONTRACTUAL RELATIONSHIP OF ANY KIND BETWEEN THE ARCHITECT AND THE CONTRACTOR.

IMPORTANT NOTICE

THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. MORRISON HERSHFIELD CORPORATION CANNOT GUARANTEE THE CORRECTNESS NOR COMPLETENESS OF THE EXISTING CONDITIONS SHOWN AND ASSUMES NO RESPONSIBILITY THEREOF. CONTRACTOR AND HIS SUB-CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AS REQUIRED FOR PROPER EXECUTION OF PROJECT. REPORT ANY CONFLICTS OR DISCREPANCIES TO THE CONSULTANT PRIOR TO CONSTRUCTION.

ELECTRICAL GENERAL NOTES

A. GENERAL

1. EXAMINE THE SITE CONDITIONS VERY CAREFULLY AND THE SCOPE OF PROPOSED WORK TOGETHER WITH THE WORK OF ALL OTHER TRADES AND INCLUDE IN THE BID PRICE ALL COSTS FOR WORK SUCH AS EQUIPMENT AND WIRING MADE NECESSARY TO ACCOMMODATE THE ELECTRICAL SYSTEMS SHOWN AND SYSTEMS OF OTHER TRADES.
2. OBTAIN ALL PERMITS, PAY ASSOCIATED FEES AND SCHEDULE INSPECTION.
3. PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, INSURANCE, AND SERVICES TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PRESENT IT AS FULLY OPERATIONAL TO THE SATISFACTION OF T-MOBILE & LAND/TOWER OWNER
4. PRIOR TO BEGINNING WORK COORDINATE ALL POWER AND TELCO WORK WITH THE LOCAL UTILITY COMPANY AS IT MAY APPLY TO THIS SITE. ALL WORK TO COMPLY WITH THE RULES AND REGULATIONS OF THE UTILITIES INVOLVED GENERAL CONTRACTOR IS RESPONSIBLE FOR VED. REQUESTING CONNECTION OF COMMERCIAL POWER FROM THE POWER COMPANY. ELECTRICAL CONTRACTOR SHALL COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
5. FABRICATION AND INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM SHALL BE DONE IN A FIRST CLASS WORKMANSHIP PER NECA STANDARD 1-2000 BY QUALIFIED PERSONNEL EXPERIENCED IN SUCH WORK AND SHALL SCHEDULE THE WORK IN AN ORDERLY MANNER SO AS NOT TO IMPEDE PROGRESS OF THE PROJECT.

B. BASIC MATERIALS AND METHODS

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE EDITION OF THE NEC ACCEPTED BY THE LOCAL JURISDICTION AND TO THE APPLICABLE LOCAL CODES AND REGULATIONS.
2. ARRANGE CONDUIT, WIRING, EQUIPMENT, AND OTHER WORK GENERALLY AS SHOWN, PROVIDING PROPER CLEARANCES AND ACCESS. CAREFULLY EXAMINE ALL CONTRACT DRAWINGS AND FIT THE WORK IN EACH LOCATION WITHOUT SUBSTANTIAL ALTERATION. WHERE DEPARTURES ARE PROPOSED BECAUSE OF FIELD CONDITIONS OR OTHER CAUSES, PREPARE AND SUBMIT DETAILED DRAWINGS FOR ACCEPTANCE.
3. THE CONTRACT DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ALL OFFSETS, BENDS, FITTINGS AND ACCESSORIES ARE NOT NECESSARILY SHOWN. PROVIDE ALL SUCH ITEMS AS MAY BE REQUIRED TO FIT THE WORK TO THE CONDITIONS.
4. SEAL AROUND CONDUITS AND AROUND CONDUCTORS WITHIN CONDUITS ENTERING THE MODULAR CABINETS WHERE PENETRATION OCCURS WITH A SILICONE SEALANT TO PREVENT MOISTURE PENETRATION INTO BUILDING.

C. CONDUCTORS AND CONNECTORS

1. UNLESS NOTED OTHERWISE, ALL CONDUCTORS SHALL BE COPPER, MINIMUM SIZE #12 AWG, WITH THERMOPLASTIC INSULATION CONFORMING TO NEMA WC5 OR CROSS-LINKED POLYETHYLENE INSULATION CONFORMING TO NEMA WC7. (TYPES THHN). INSULATION SHALL BE RATED FOR 90 DEG. CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH NEC.
2. CONDUCTOR LENGTHS SHALL BE CONTINUOUS FROM TERMINATION TO TERMINATION WITHOUT SPLICES. SPLICES ARE NOT ACCEPTABLE. IF SPLICES ARE UNAVOIDABLE PRIOR APPROVAL FROM THE ENGINEER MUST BE OBTAINED.

D. GROUNDING

1. ALL LIGHTNING PROTECTION GROUNDING OF THE ELECTRICAL EQUIPMENT SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT NFPA STANDARDS.
2. ALL GROUND LUG AND COMPRESSION CONNECTIONS SHALL BE COATED WITH ANTI-OXIDANT AGENT, SUCH AS NO-OX, NOALOX, PENETROX OR KOPRSHIELD.
3. ALL EXTERIOR GROUNDING CONDUCTORS INCLUDING EXTERIOR GROUND RING SHALL BE #2 AWG SOLID BARE TINNED COPPER. MAKE ALL GROUND CONNECTIONS AS SHORT AND DIRECT AS POSSIBLE. AVOID SHARP BENDS. THE RADIUS OF ANY BEND SHALL NOT BE LESS THAN 8" AND THE ANGLE OF ANY BEND SHALL NOT EXCEED 90°. GROUNDING CONDUCTORS SHALL BE ROUTED DOWNWARD TOWARD THE BURIED GROUND RING.
4. REPAIR ALL GALVANIZED SURFACES THAT HAVE BEEN DAMAGED BY THERMO-WELDING WITH ERICO T-319 GALVANIZING BAR.
5. ALL EXTERNAL GROUND CONNECTIONS SHALL BE EXOTHERMICALLY WELDED. ALL EXOTHERMIC WELDS TO EXTERIOR GROUND RING SHALL BE THE PARALLEL TYPE, EXCEPT FOR THE GROUND RODS WHICH ARE TEE EXOTHERMIC WELDS. REPAIR ALL GALVANIZED SURFACES THAT HAVE BEEN DAMAGED BY EXOTHERMIC WELDING. USE SPRAY GALVANIZER SUCH AS HOLUB LECTROSOL #15-501.

PROJECT INFORMATION

1. THIS IS AN UNMANNED AND RESTRICTED ACCESS EQUIPMENT AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
2. THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY AND IS EXEMPT FROM THE FLORIDA ENERGY REVIEW CODE.
3. NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
4. NO WASTE WATER WILL BE GENERATED AT THIS LOCATION.
5. NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
6. **T-MOBILE** MAINTENANCE CREW (TYPICALLY ONE PERSON) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER VISIT.

COMPOUND NOTES

1. THE MINIMUM LOWEST FIRST FLOOR ELEVATION SHALL NOT BE LESS THAN 4" ABOVE CROWN OF ROAD OR THE FEDERAL AND/OR COUNTY FLOOD CRITERIA ELEVATION, WHICHEVER IS HIGHER. CONTRACTOR SHALL SUBMIT AN ELEVATION CERTIFICATE (IF REQUIRE BY THE JURISDICTION) UPON COMPLETION OF PROJECT.
2. WORK OUTSIDE OF THE PROPERTY LINE INCLUDED IN THIS SET OF DRAWINGS SHALL BE, BUT NOT LIMITED TO, DRIVEWAYS, SODDING TO ASPHALT LINE AND UTILITY CONNECTIONS.
3. EXISTING TREES WITHIN CONSTRUCTION FOOTPRINT SHALL BE REMOVED AND PROPERLY DISPOSED OF. CONTRACTOR SHALL PROCURE PERMIT PRIOR TO REMOVAL.
4. CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY ALL UTILITY SERVICE CONNECTION LOCATIONS PRIOR TO SUBMITTING BID AND PROCEEDING WITH WORK. IT IS RECOMMENDED THAT THE CONTRACTOR VISIT THE SITE AND VERIFY ALL DIMENSIONS AND NOTES BEFORE SUBMITTING BID AND PROCEEDING WITH WORK.
5. SOIL AT THIS SITE IS UNDISTURBED ROCK AND SAND ADEQUATE OF SUPPORTING THE DESIGN LOAD OF 2000 P.S.F. IF OTHER CONDITIONS ARE ENCOUNTERED, NOTIFY MIRRISON HERSHFIELD BEFORE PROCEEDING WITH WORK. THIS VALUE IS CONSIDERED SAFE WITH RESPECT TO ACTUAL FAILURE OF THE SUPPORTING GROUND, BUT DOES NOT NECESSARILY ENSURE THE PREVENTION OF EXCESSIVE FOUNDATION MOVEMENTS.
6. BURY PHONE, AND ELECTRIC SERVICE NO LESS THAN 24" BELOW FINISH GRADE WITH 1'-0" RADIUS SAND BACKFILL AROUND PIPES. COORDINATE W/ ELECTRICAL DRAWINGS.
7. IN ORDER TO AVOID ANY CONFLICTS, CONTRACTOR SHALL COORDINATE ALL HIS PRACTICAL TRADES.
8. THE POWER CABINET MUST BE CLEAR OF FLAMMABLE MATERIAL WITHIN 12 INCHES OF THE CABINET, INCLUDING ABOVE THE CABINET.
9. EXHAUST OUTLETS MUST BE LOCATED AT LEAST 10 FEET FROM ANY HVAC AIR INTAKES, WINDOWS, DOORS, AND OTHER OPENINGS INTO A BUILDING - COORDINATE IN FIELD.
10. THE POWER CABINET MUST BE MOUNTED ON THE FOUNDATION TO ALLOW WATER TO DRAIN FROM THE DRAIN OUTLET AND AWAY FROM THE CABINET.
11. TO ENSURE SERVICEABLE ABILITY, THE DOORS OF CABINETS WILL REQUIRE AN OPENING RADIUS OF 36 INCHES OF CLEARANCE FROM THE CLOSED POSITION TO THE OPEN POSITION.

SITE GENERAL NOTES

1. RESTORE EXISTING ASPHALT AND/OR CONCRETE COMPOUND TO IT'S ORIGINAL CONDITION
2. CONTRACTOR SHALL DETECT AND MARK ANY UNDERGROUND LINES, PIPING, PRIOR TO START OF EXCAVATION

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

PRINTED
AUG 2 0 2018
MORRISON HERSHFIELD CORP

STATE OF FLORIDA
ROBERT JERRY LARA
REGISTERED ARCHITECT
AR 92824

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

No.	Date	Action
O	08/20/18	ISSUED FOR PERMIT
A	05/15/18	90% CD SUBMITTAL

Client:

T··Mobile·

1300 CONCORD TERRACE
SUITE 200
SUNRISE, FL. 33323

Consultant:

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Project:

SBA 27TH STREET
A2P0084A
1111 S 27TH STREET
FORT PIERCE, FL 34947

Drawing Title:

NOTES

Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. T-2

SCALE IS BASE ON 22" X 34" "D" SIZE

P:\2018\180168300-TMO MOD_US SE GENL600 FL\11. Sites\A2P0084A\09. CAD\DRAWINGS\REV 0\180168300_A2P0084A_SBA 27TH STREET_GEN CDs_REV 0_08.20.2018.DWG 08/20/2018 5:25pm Xgraldo

1 2 3 4 5 6

A B C

FUEL TANK NOTE:

REFER TO SHEET A-5 FOR REQUIRED COMPONENTS AND IF NOT SUPPLIED W/ GENERATOR, CONTRACTOR SHALL INSTALL AS FOLLOWS.

THE TANK SHALL BE EQUIPPED WITH VISUAL INTERSTITIAL LEAK MONITORING TO MONITOR THE SPACE BETWEEN THE PRIMARY AND SECONDARY TANK, PHILLIPS OR APPROVED EQUAL. THE TANK SHALL BE EQUIPPED W/ OVERFILL ALERT GAGE TO VISUALLY WARN WHEN THE TANK IS FILLED UPON CAPACITY, KRUEGER OVERFILL ALERT GAGE OR APPROVED EQUAL. THE TANK SHALL BE EQUIPPED W/ OVERSPILL CONTAINMENT AT FILL PORT TO PREVENT SPILL OF FUEL DURING FILLING OPERATIONS, 5 GALLON SPILL/FILL CONTAINMENT WITH LOCKABLE CAP – MORRISON 516 SERIES – FLORIDA DEP EQ 725

GENERATOR LOCKABLE EMERGENCY STOP BUTTON NOTE:

SUPPLY AND INSTALL PUSH-PULL MAINTAINED 22MM RED MUSHROOM KEY TO RELEASE (LOCKABLE) PUSH-BUTTON, EMERGENCY STOP ENGRAVED, BLACK BEZEL, WITH ONE N.C. CONTACT MODEL 32W276 BY DAYTON OR APPROVED EQUAL IN MINIMUM NEMA 3R HOUSING W/A600/Q600 CONTACT RATING DESIGNATION TO BREAK IGNITION POWER OF EMERGENCY GENERATOR (VERIFY CONTACT RATING AND EXACT WIRING W/ GEN. MANUF.)–SUPPLY AND INSTALL ENGRAVED PLAQUE STATING "T-MOBILE" GENERATOR EMERGENCY STOP"

CONTROL OF OVERFILL:

SET ALARM TO 90% TANK CAPACITY & AUTOMATIC STOP DELIVERY OF FUEL TO TANK AT 95% CAPACITY OF TANK. PROVIDE AND INSTALL WHERE SHOWN ON THE DRAWINGS AN AUDIBLE/VISUAL OVERFILL ALARM STATION FOR (1, 2 OR 3) TANKS TO BE ACTIVATED BY PREFERRED UTILITIES HLS HIGH LEVEL SWITCH, TG-EL-D3 OR TG-EL-D5 TANK GAUGES. THE SYSTEM SHALL CONSIST OF A PREFERRED FA-S CAUTION SIGN AND NEMA 4 WEATHER-PROOF BELL WITH AUTOMATIC SILENCING, 180° VISIBLE FLASHING LAMP, BELL SILENCING PUSHBUTTON, AND ALARM TEST PUSHBUTTON. OVERFILL ALARM STATION SHALL BE A PREFERRED UTILITIES MFG. CORP., DANBURY, CT, MODEL FA-AV.

NFPA 110 CHAPTER 4 NOTE:	
CLASS:	48
TYPE:	60
LEVEL:	2

NFPA NOTE:

1. CONSTRUCTION, INSTALLATION, MAINTENANCE, & OPERATIONAL TESTING OF EPSS SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF NFPA 110.

2. ALL ELECTRICAL WORK SHALL COMPLY WITH LATEST ADOPTED EDITION OF NFPA 70 – NATIONAL ELECTRICAL CODE.

3. GENERATOR IS EMERGENCY STANDBY

ABOVEGROUND DOUBLE-WALLED STORAGE TANK SYSTEM WITH ABOVE GROUND PIPING INSTALLATION APPLICATION FOR EMERGENCY GENERATORS ONLY

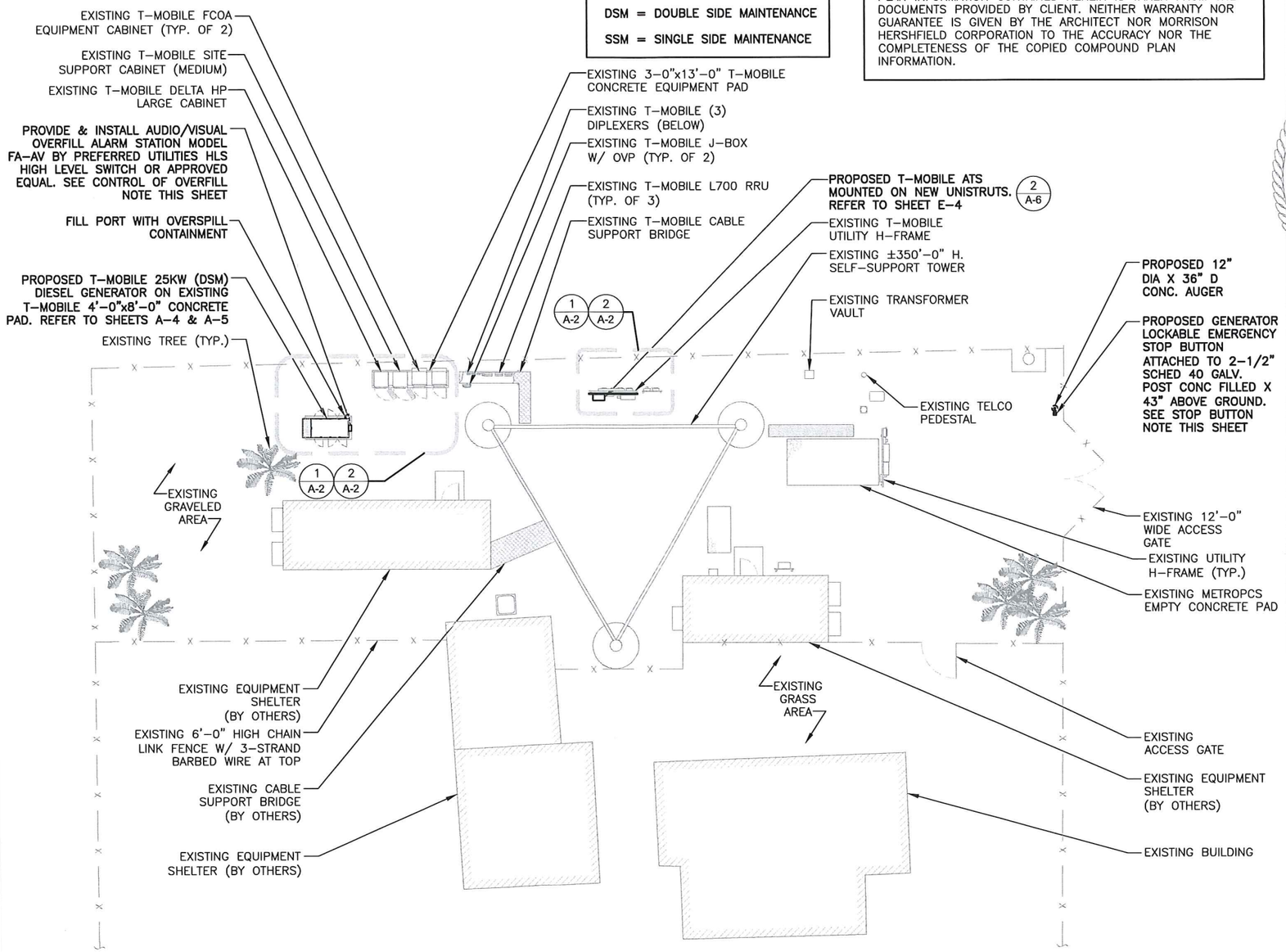
STORAGE TANK INFORMATION								
TANK NO.	TANK CAPACITY (GALLONS)	MANUFACTURER FDEP EQ #	PRODUCT STORED	OVERSPILL EQUIPPED	TYPE OF OVERFILL	TYPE OF INTERSTICE	PIPING CONST.	STEEL VENT RISER HT.
1	100	TANK APPROVED ONLY AS REQUIRED BY FDEP	DIESEL FUEL	YES 1 GALLON	KRUEGER TYPE O (VISUAL)	PHILLIPS LEAK SENSOR OR APPROVED EQUAL (VISUAL)	–	3' OR HIGHER ABOVE BLDG. OR ATTACHED

GENERATOR NOTE:

DSM = DOUBLE SIDE MAINTENANCE

SSM = SINGLE SIDE MAINTENANCE

NOTE:
PLAN INFORMATION CONTAINED HEREIN IS TAKEN FROM THE DOCUMENTS PROVIDED BY CLIENT. NEITHER WARRANTY NOR GUARANTEE IS GIVEN BY THE ARCHITECT NOR MORRISON HERSHFIELD CORPORATION TO THE ACCURACY NOR THE COMPLETENESS OF THE COPIED COMPOUND PLAN INFORMATION.



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

NOTE:
REFER TO ELECTRICAL SHEETS FOR POWER LAYOUT

TRUE NORTH

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"
4' 3' 2' 1' 0" 4'

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD CORPORATION. NEITHER MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

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ROBERT J. LARA
AR 92824
REGISTERED ARCHITECT

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

No.	Date	Action
0	08/20/18	ISSUED FOR PERMIT
A	05/15/18	90% CD SUBMITTAL

Client:

T-Mobile

1300 CONCORD TERRACE
SUITE 200
SUNRISE, FL. 33323

Consultant:

MORRISON HERSHFIELD
Two South University Drive, Suite 245,
Plantation, FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
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FL Architect business # AA26002368
www.morrisonhershfield.com

Project:

SBA 27TH STREET
A2P0084A
1111 S 27TH STREET
FORT PIERCE, FL 34947

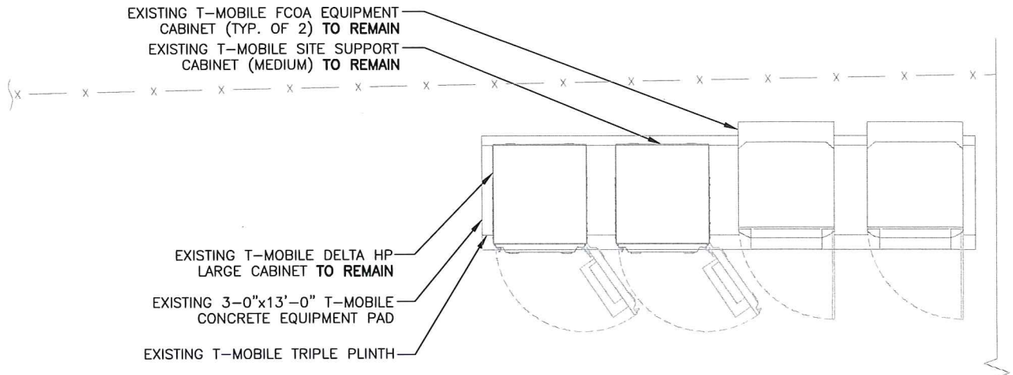
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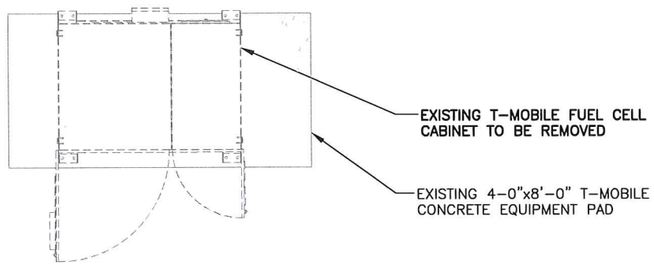
COMPOUND PLAN

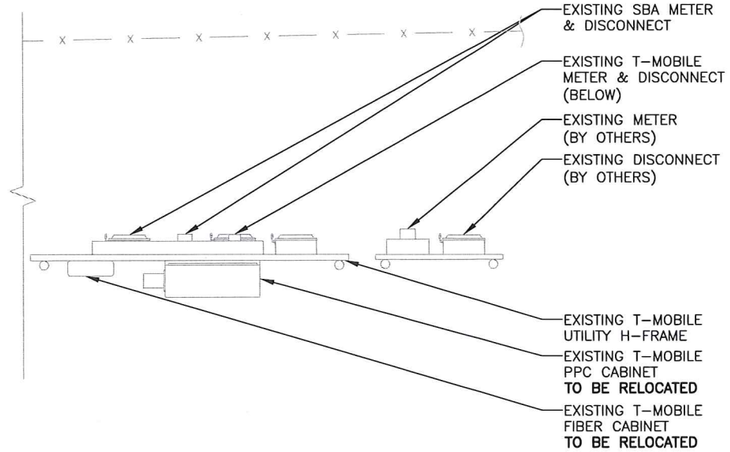
Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. A-1

SCALE IS BASE ON 22" X 34" "D" SIZE

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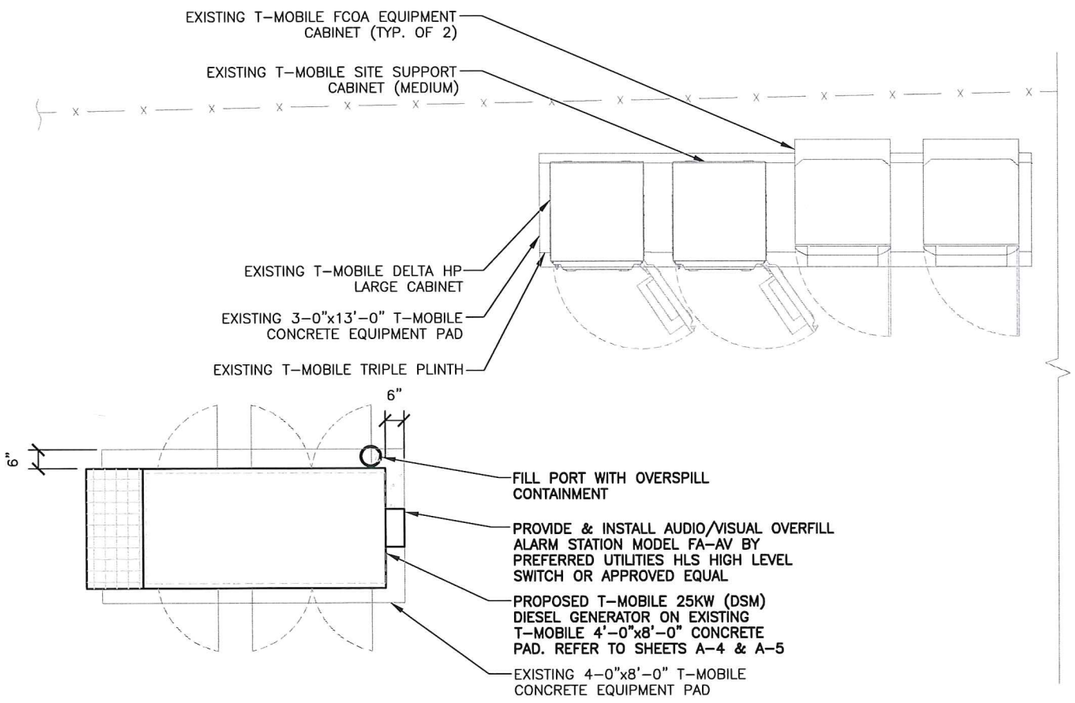


TRUE NORTH

EXISTING EQUIPMENT PLAN

24"x36" SCALE: 1/2" = 1'–0"
11"x17" SCALE: 1/4" = 1'–0"
2' 1' 0" 2'

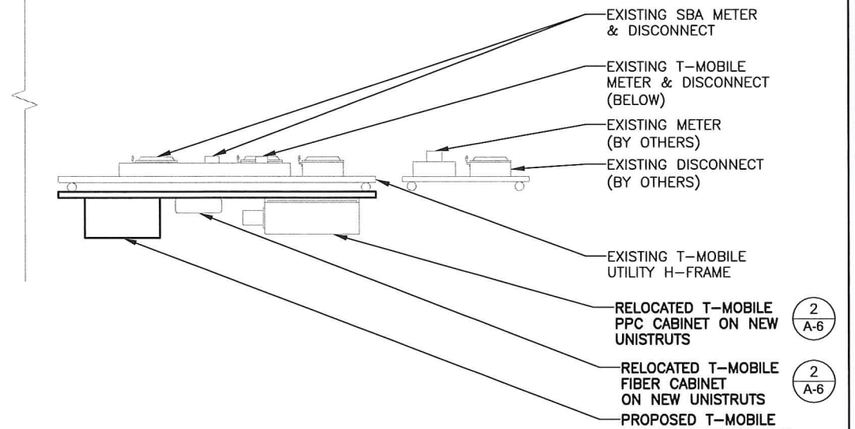
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GENERATOR NOTE:

DSM = DOUBLE SIDE MAINTENANCE

SSM = SINGLE SIDE MAINTENANCE



TRUE NORTH

PROPOSED EQUIPMENT PLAN

24"x36" SCALE: 1/2" = 1'–0"
11"x17" SCALE: 1/4" = 1'–0"
2' 1' 0" 2'

2

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Drawing Title:

EQUIPMENT PLANS

Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. A–2

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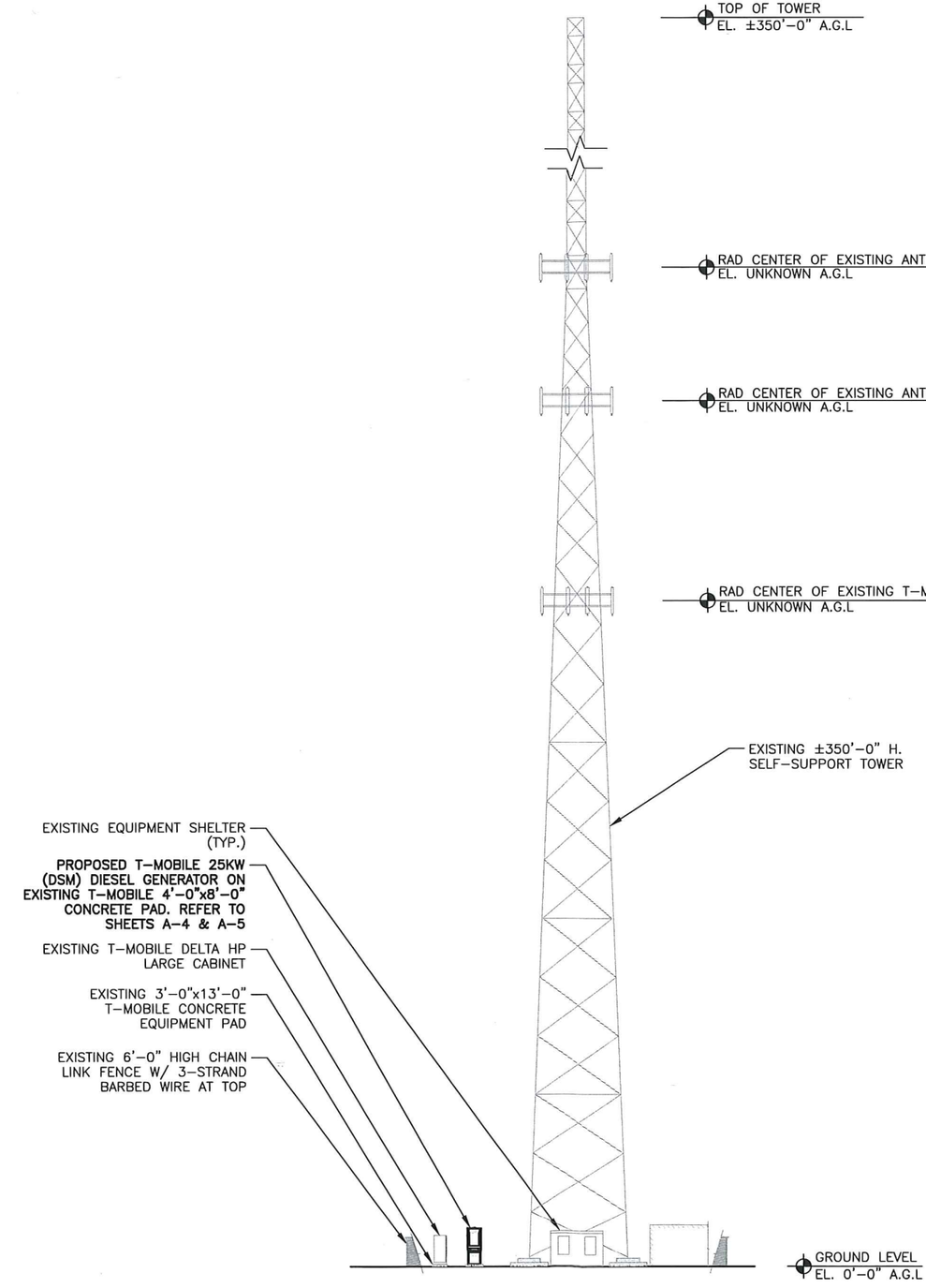
1 2 3 4 5 6

A B C

GENERATOR NOTE:

DSM = DOUBLE SIDE MAINTENANCE

SSM = SINGLE SIDE MAINTENANCE



ELEVATION

24"x36" SCALE: 1/16" = 1'-0"
11"x17" SCALE: 1/32" = 1'-0"
16' 12' 8' 4' 0' 16'

1

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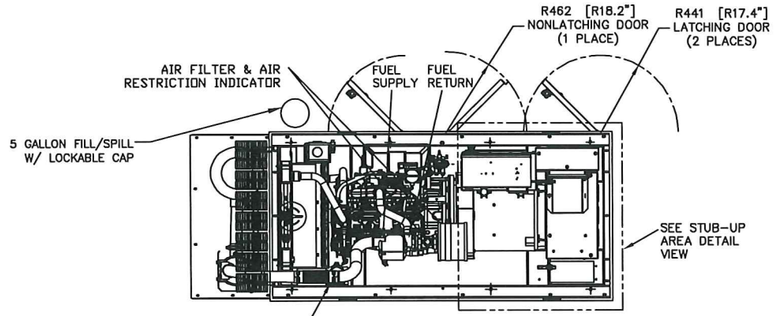
ELEVATION

Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. A-3

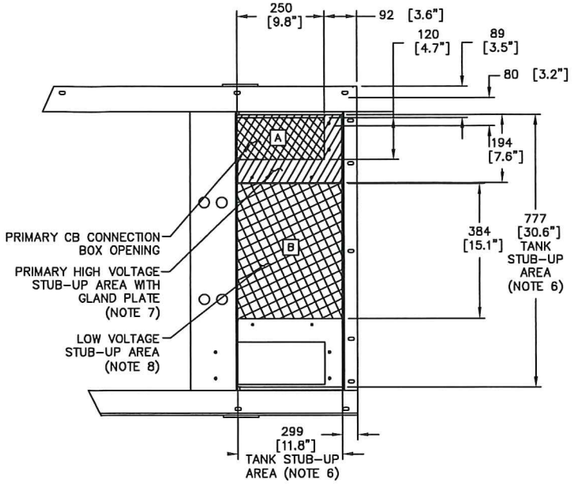
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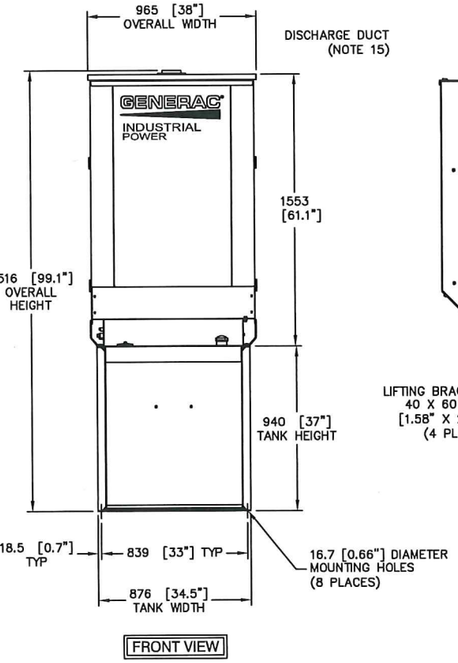


TOP VIEW

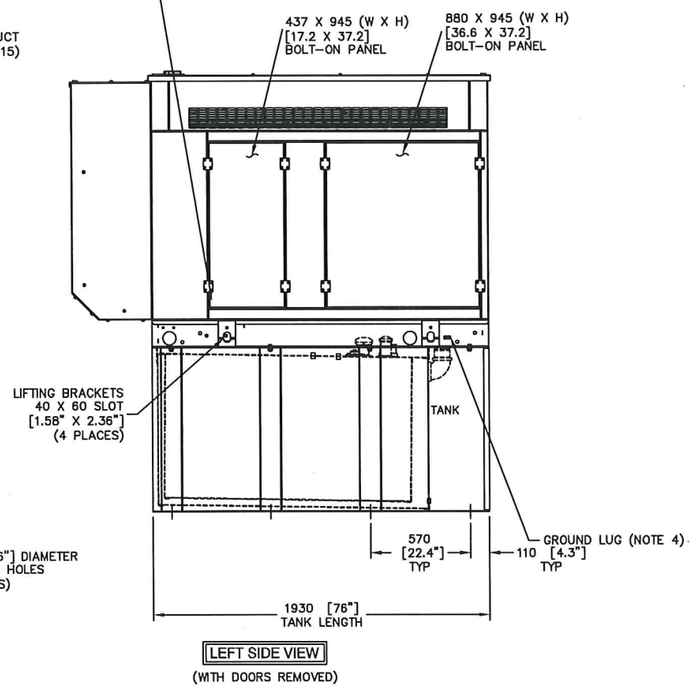


STUB-UP AREA DETAIL VIEW (2X SCALE)

RECOMMENDED ELECTRICAL STUB-UPS (SEE DETAILED VIEW & TOP VIEW)	
DESCRIPTION	INSIDE BASE
HIGH VOLTAGE STUB-UP AREA 1) AC LOAD LEAD CONDUIT AREA. 2) 120/240 VAC FROM UTILITY (BY OTHERS) (GLAND PLATE INCLUDED)	A
LOW VOLTAGE STUB-UP AREA 1) TRANSFER SWITCH/ COMMUNICATION CONDUITS. COMMUNICATIONS AND 2-WIRE START MUST NOT BE RUN IN CONDUIT WITH AC WIRING. (SEE NOTE 8)	B



FRONT VIEW



LEFT SIDE VIEW
(WITH DOORS REMOVED)

NOTES:

1. CONTROL PANEL INCLUDES BATTERY CHARGER WITH THREE PRONG CORD.
2. 1500W 120VAC ENGINE BLOCK HEATER WITH THREE PRONG CORD.
3. 12 VOLT NEGATIVE GROUND SYSTEM.
4. GENERATOR MUST BE GROUNDED.
5. CENTER OF GRAVITY & WEIGHT MAY SHIFT SLIGHTLY DUE TO UNIT OPTIONS.
6. STUB-UPS: BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
7. HIGH VOLTAGE STUB-UP AREA INCLUDES THE AC LOAD LEAD CONNECTION TO THE MAIN LINE CIRCUIT BREAKER, THE NEUTRAL CONNECTION, AND AUXILIARY 120/240V CONNECTION.
8. CONNECTION POINTS FOR CONTROL WIRES. BOTTOM OF LOW VOLTAGE CUSTOMER CONNECTION BOX HAS KNOCKOUTS FOR 1/2" AND 3/4" CONDUIT FITTINGS.
9. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
10. MUST ALLOW FREE FLOW OF INTAKE AIR. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
11. GENERATOR MUST BE INSTALLED SUCH THAT FRESH COOLING AIR IS AVAILABLE AND THAT DISCHARGE AIR FROM THE RADIATOR IS NOT RECIRCULATED.
12. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
13. 211 GALLON USEABLE CAPACITY BASETANK IS INCLUDED WITH GENERATOR.
14. UNIT IS SHIPPED WITH FUEL SUPPLY AND RETURN LINES DISCONNECTED AND PLUGGED BETWEEN ENGINE AND FUEL TANK. THIS HAS BEEN DONE TO FACILITATE PRESSURE TESTING OF THE TANK IN THE FIELD. FOR INFORMATION REGARDING CONNECTING THE FUEL SUPPLY AND RETURN LINES PRIOR TO START UP, SEE THE FUEL TANK FIELD TESTING PROCEDURE (0F5082) SUPPLIED IN THE TANK LOOSE VENTS KIT, WHICH IS SHIPPED WITH THIS GENERATOR.
15. SEE DRAWING 0C3850 FOR DISCHARGE DUCT REMOVAL. REMOVAL OF DUCT WILL PROVIDE ACCESS TO MUFFLER FOR SERVICING.

WEIGHT DATA: (INCLUDES EMPTY FUEL TANK)
GENERATOR: (3280 LBS)

UNITS: mm [INCHES]

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INSTALLATION DRAWING

INSTALL SD25 SSS DIESEL 2.4L
LV2A OUTDOOR SOUND ATTENUATED
WITH 211 GALLON U.L. 142
DOUBLE WALL FUEL TANK BASE

GENERAC POWER SYSTEMS
Waukesha
P.O. BOX 8
WAUKESHA, WIS. 53187

FILE NAME	0J7500A-TM.DWG
SIZE	B
SCALE	1 = 30
FIRST USE	
DWG NO.	0J7500A-TM
REV	A

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Project:

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A2P0084A
1111 S 27TH STREET
FORT PIERCE, FL 34947

Drawing Title:

GENERATOR DETAILS (SD025)

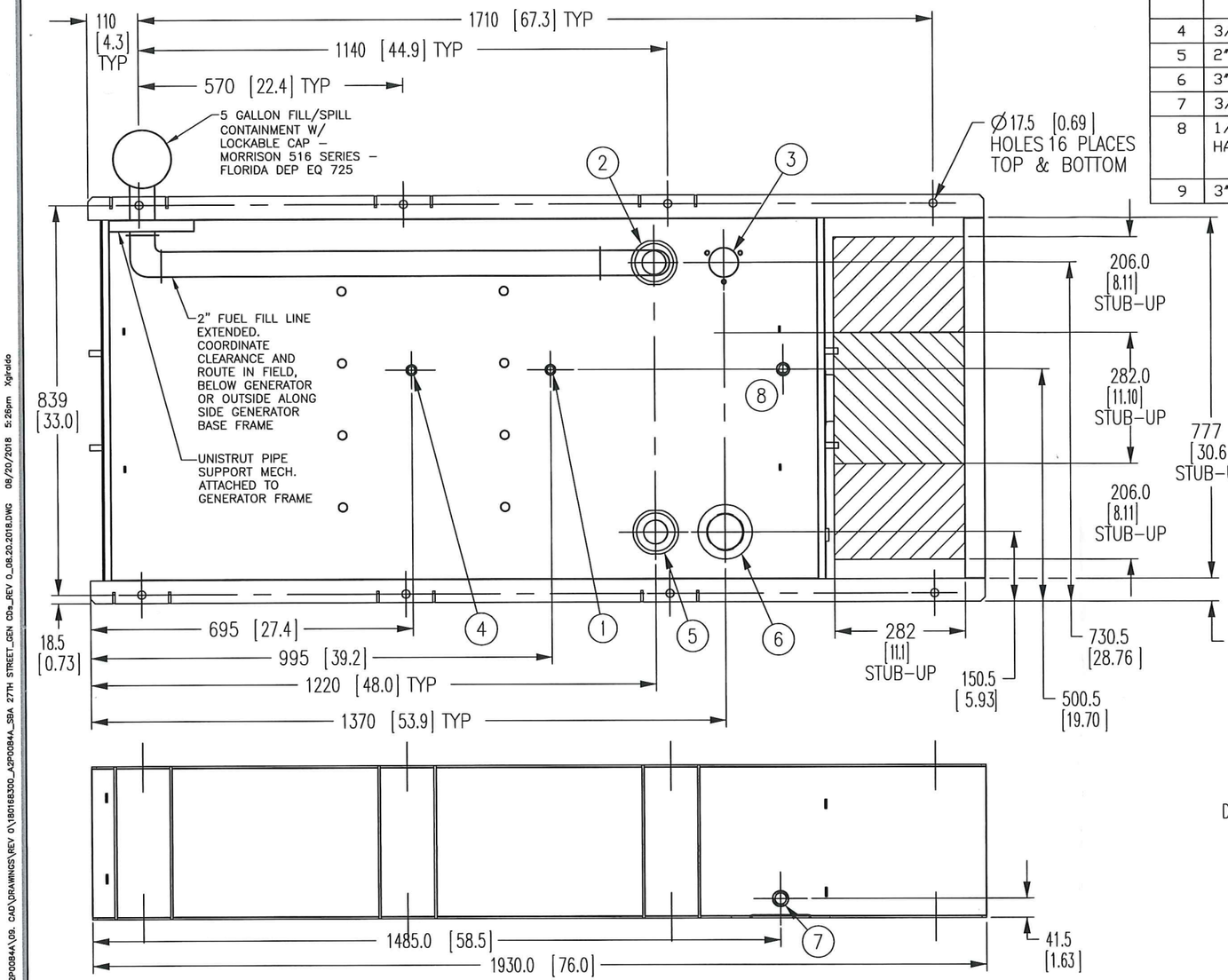
Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. A-4

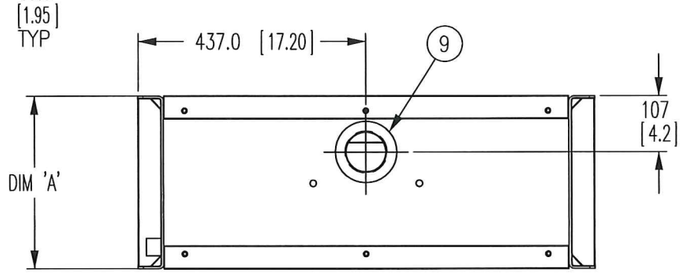
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SH	REV	WINDCHILL VERSION
1/1	B	B.2

ITEM#	TANK FITTING	PROVIDING FUNCTION	NOTES
1	3/8" NPT COUPLING	FUEL SUPPLY	
2	2" NPT WELD FLANGE	FUEL FILL	UNITED ALLOY, INC. EQ#565
3		ELEC. FUEL LEVEL	MODEL # CLAY & BAILEY 01228-03-2200 EQ#257
4	3/8" NPT COUPLING	FUEL RETURN	
5	2" NPT WELD FLANGE	VENT	
6	3" NPT WELD FLANGE	EMERGENCY VENT	
7	3/4" NPT COUPLING	DRAIN	
8	1/2" NPT HALF COUPLING	LEAK DETECTOR	MODEL # ADVANCED CONTROL TECHNOLOGY - 10 SERIES MINIATURE SWITCH EQ#832
9	3" NPT WELD FLANGE	OUTER EMERGENCY VENT	





CAPACITY SHOWN: LITER [GALLONS]
WEIGHT SHOWN: KILOGRAMS [POUNDS]
LENGTH SHOWN: MM [INCH]

UL #142 LISTED

LOW VOLTAGE STUB-UP

HIGH VOLTAGE STUB-UP

TANK P/N		0J18380ST03	0J18390ST03
DIM 'A'		635 [25]	940 [37]
TOTAL CAPACITY		524 [138]	820 [217]
USABLE CAPACITY		501 [132]	799 [211]
DRY WEIGHT		322 [710]	417 [919]

DRAWING CREATED FROM PRO/ENGINEER 3D FILE. ECO MODIFICATION TO BE APPLIED TO SOLID MODEL ONLY.

INSTALLATION DRAWING

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GENERAC POWER SYSTEMS 2013

ELECTRONICALLY APPROVED
INSIDE WINDCHILL

GENERAC

TITLE
INSTALL A-GROUP BASETANKS
FLORIDA DERM LEAK
DETECTOR ALARM EQ#832

ISSUE DATE: 02/04/11

SIZE	CAGE NO	DWG NO	REV
B	N/A	0J4206-TM	B
SCALE	0.100 WT-KG	220.730 SHEET	1 of 1

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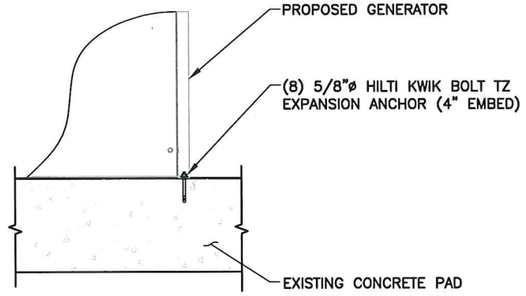
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FORT PIERCE, FL 34947

Drawing Title:
GENERATOR TANK DETAILS (SD025-211 GALLONS)

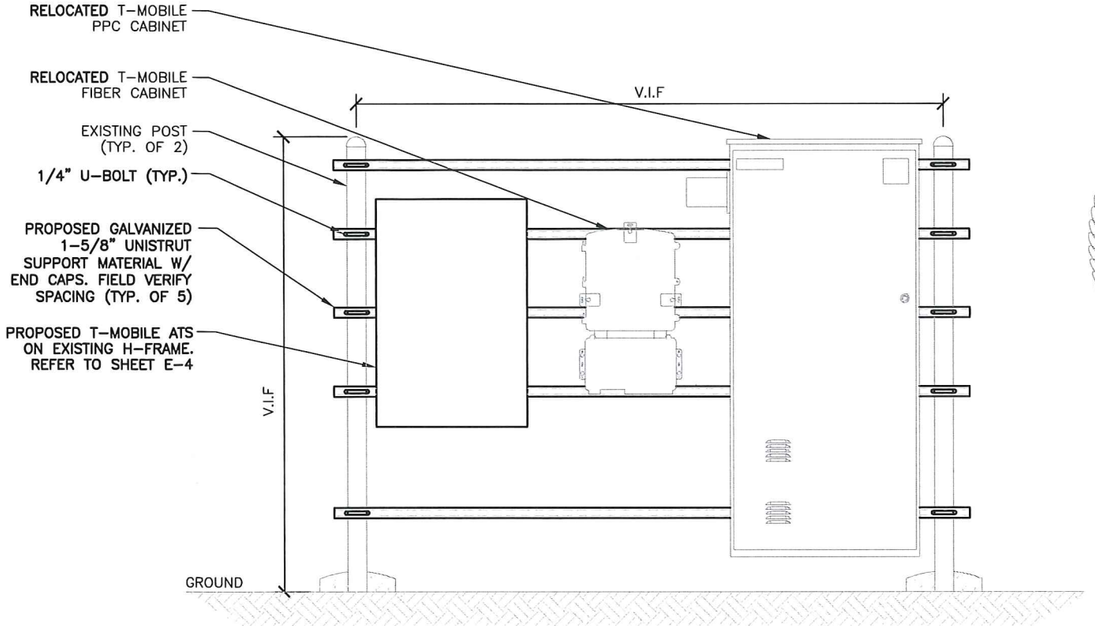
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GENERATOR TIE-DOWN DETAIL NTS | 1



H-FRAME ELEVATION DETAIL NTS | 2

NOT USED | 3

NOT USED | 4

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SUNRISE, FL. 33323

Consultant:

MORRISON HERSHFIELD
Two South University Drive, Suite 245,
Plantation, FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
FL C OF A #8508
FL Architect business # AA26002368
www.morrisonhershfield.com

Project:

SBA 27TH STREET
A2P0084A
1111 S 27TH STREET
FORT PIERCE, FL 34947

Drawing Title:

DETAILS

Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. A-6

SCALE IS BASE ON 22" X 34" "D" SIZE

P:\2018\180168300-TMO MOD' US SE GEN1600 FL\11. Sites\A2P0084A\09. CAD\DRAWINGS\REV 0\180168300_A2P0084A_SBA 27TH STREET_GEN CDs_REV 0_08.20.2018.DWG 08/20/2018 5:26pm XGraldo

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C B A

ELECTRICAL NOTES

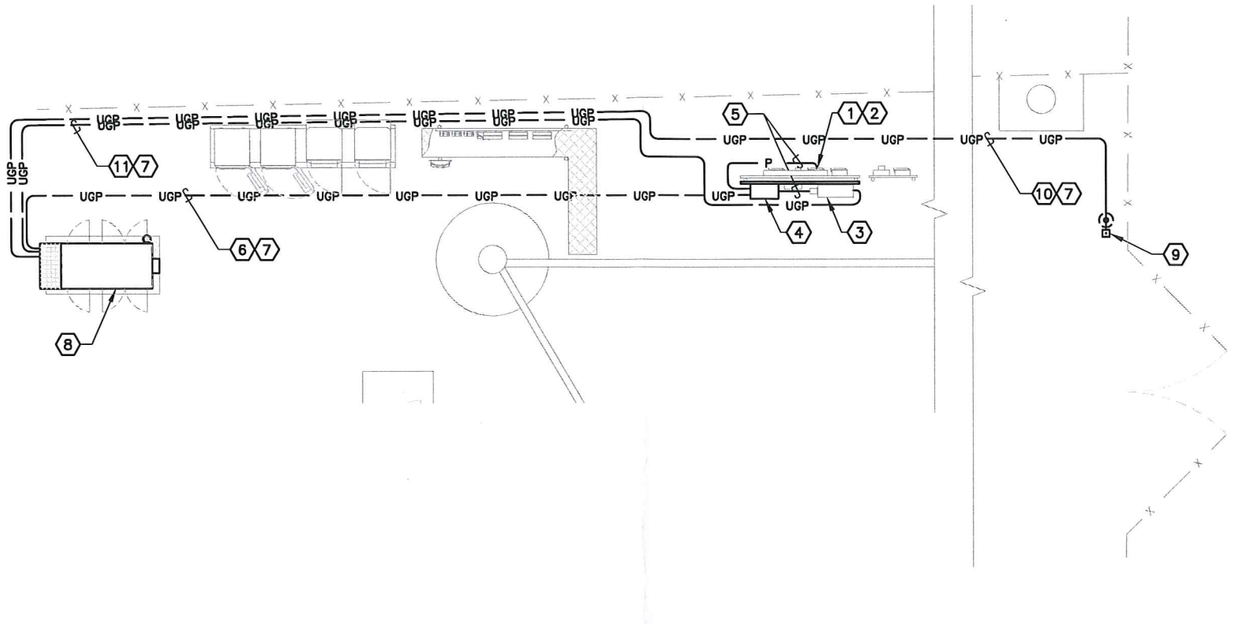
1. EXISTING T–MOBILE 200A, 240V, UTILITY METER.
2. EXISTING T–MOBILE 200A RATED, 2–POLE, SERVICE MAIN FUSED DISCONNECT SWITCH WITH 200A FUSES. VERIFY IN FIELD.
3. EXISTING 200A T–MOBILE POWER PROTECTION CABINET (PPC) WITH (2) 200A–2P MAIN BREAKERS AND LOAD CENTER.
4. NEW T–MOBILE 200A, 2–POLE, 240V, NEMA–3R AUTOMATIC TRANSFER SWITCH.
5. NEW (3) #3/0 AWG CU AND (1) #6 GROUND IN 2–1/2" RMC.
6. NEW (3) #1 AWG CU AND (1) #6 GROUND IN 2" RMC A.F.G. AND RNC B.F.G.
7. CONTRACTOR TO ARRANGE AND PAY FOR UNDERGROUND UTILITY SURVEYS FOR ALL TRENCHING. REUSE NATIVE BACKFILL AND REINSTATE TO ORIGINAL CONDITION. INSTALL 6" WIDE METALLIC LINED RED PLASTIC MARKER TAPE 8" ABOVE ALL BURIED CONDUIT.
8. NEW 25KW (25KVA) STAND BY EMERGENCY DIESEL GENERATOR INSTALLED PER MANUF. SPECIFICATIONS. DO NOT BOND NEUTRAL TO GROUND AT GENERATOR–NON–SEPARATELY DERIVED SYSTEM.
9. NEW T–MOBILE LOCKABLE EMERGENCY STOP BUTTON.
10. NEW (2) #12 AWG CU AND (1) #12 GROUND IN 3/4" RMC A.F.G. AND RNC B.F.G.
11. (4) #12 AWG CU AND (1) #12 GROUND IN 3/4" CONDUIT FOR GEN. BATT. CHARGER AND BLOCK HEATER

GROUNDING NOTES

1. EXISTING #2 AWG SOLID BARE TINNED COPPER GROUND RING WITH GROUND RODS. VERIFY EXACT LOCATIONS AND NUMBER OF GROUND RODS IN FIELD.
2. BOND NEW GENERATOR TO EXISTING GROUND RING WITH A #2 AWG SOLID BARE TINNED COPPER CONDUCTOR AT OPPOSITE CORNERS.

NOTE:

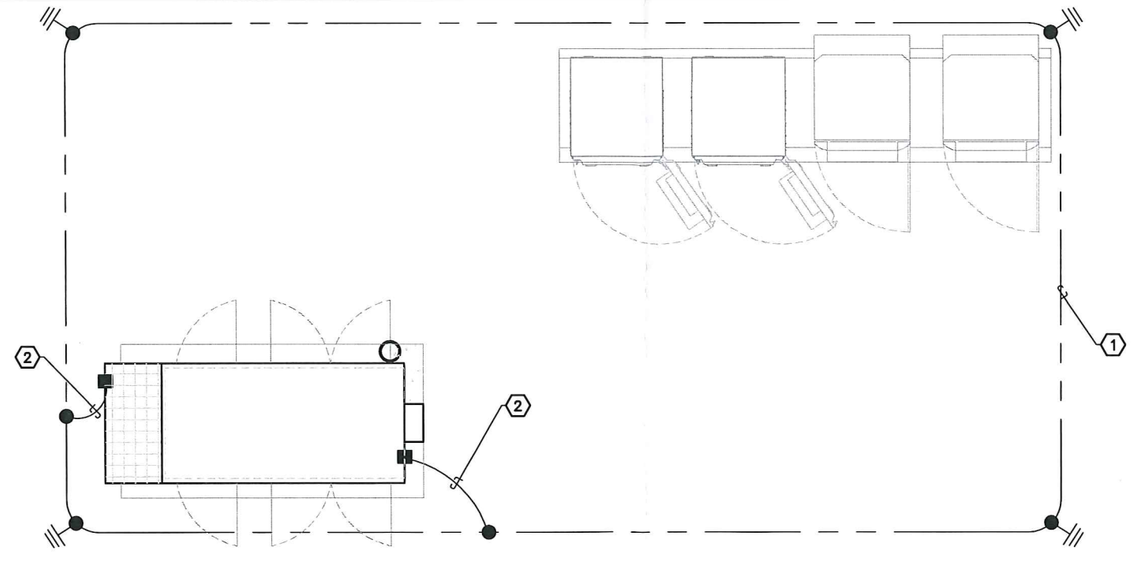
REFER TO ELECTRICAL RISER DIAGRAM ON SHEET E–2 FOR ADDITIONAL LOW VOLTAGE CONNECTIONS



ELECTRICAL PLAN

24"x36" SCALE: 3/16" = 1'–0"
11"x17" SCALE: 3/32" = 1'–0"
4' 2' 0" 4'

1



GROUNDING PLAN

24"x36" SCALE: 1/2" = 1'–0"
11"x17" SCALE: 1/4" = 1'–0"
2' 1' 0" 2'

2

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STATE OF FLORIDA
AUG 20 2018
ROBERT J. LARA
MORRISON HERSHFIELD CORP
AR 92824
REGISTERED ARCHITECT

ROBERT JERRY LARA
REGISTERED ARCHITECT
STATE OF FLORIDA
AR92824

No.	Date	Action
0	08/20/18	ISSUED FOR PERMIT
A	05/15/18	90% CD SUBMITTAL

Client:

T · · Mobile

1300 CONCORD TERRACE
SUITE 200
SUNRISE, FL. 33323

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Drawing Title:

ELECTRICAL PLAN, GROUNDING PLAN AND NOTES

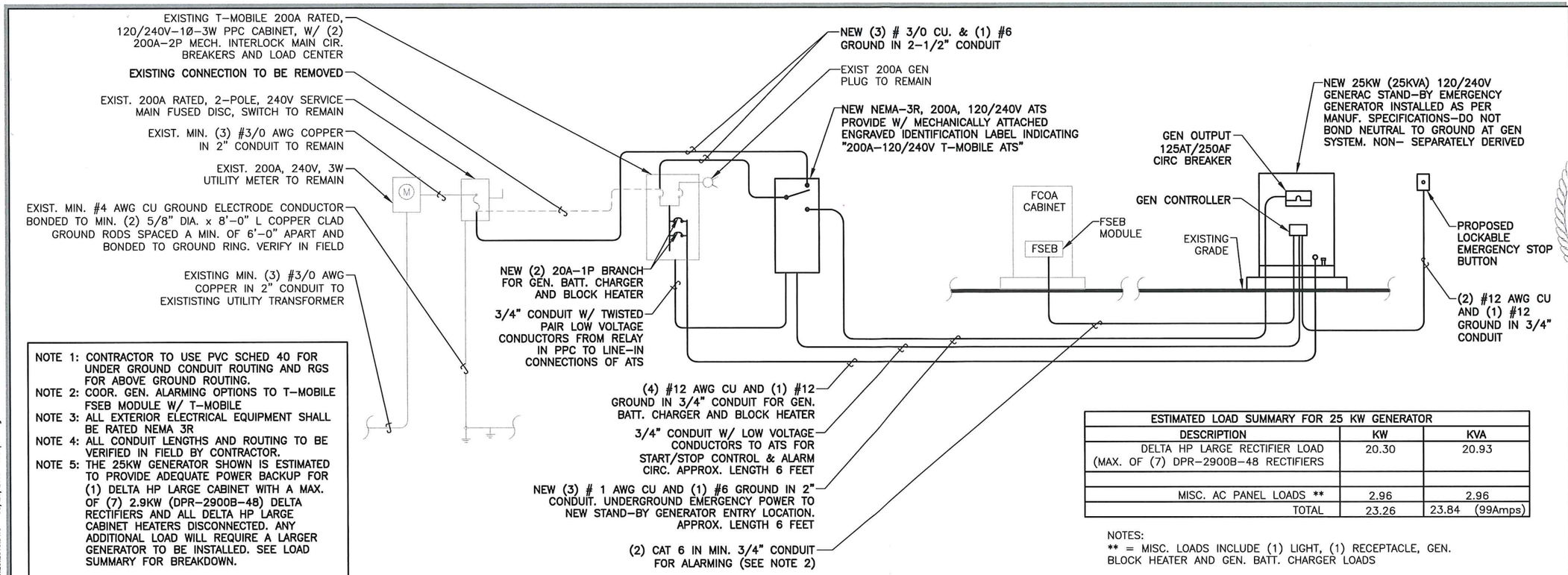
Project No.: 180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. E–1

SCALE IS BASE ON 22" X 34" "D" SIZE

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C B A



NOTE 1: CONTRACTOR TO USE PVC SCHED 40 FOR UNDER GROUND CONDUIT ROUTING AND RGS FOR ABOVE GROUND ROUTING.
NOTE 2: COOR. GEN. ALARMING OPTIONS TO T–MOBILE FSEB MODULE W/ T–MOBILE
NOTE 3: ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE RATED NEMA 3R
NOTE 4: ALL CONDUIT LENGTHS AND ROUTING TO BE VERIFIED IN FIELD BY CONTRACTOR.
NOTE 5: THE 25KW GENERATOR SHOWN IS ESTIMATED TO PROVIDE ADEQUATE POWER BACKUP FOR (1) DELTA HP LARGE CABINET WITH A MAX. OF (7) 2.9KW (DPR–2900B–48) DELTA RECTIFIERS AND ALL DELTA HP LARGE CABINET HEATERS DISCONNECTED. ANY ADDITIONAL LOAD WILL REQUIRE A LARGER GENERATOR TO BE INSTALLED. SEE LOAD SUMMARY FOR BREAKDOWN.

ESTIMATED LOAD SUMMARY FOR 25 KW GENERATOR		
DESCRIPTION	KW	KVA
DELTA HP LARGE RECTIFIER LOAD (MAX. OF (7) DPR–2900B–48 RECTIFIERS	20.30	20.93
MISC. AC PANEL LOADS **	2.96	2.96
TOTAL	23.26	23.84 (99Amps)

NOTES:
** = MISC. LOADS INCLUDE (1) LIGHT, (1) RECEPTACLE, GEN. BLOCK HEATER AND GEN. BATT. CHARGER LOADS

ELECTRICAL RISER DIAGRAM

NTS | 1

EXISTING PANEL "PP1" — 200A, 120/240–1ø–3W, 200A M.C.B.

BUS VA A	BUS VA B	LOAD	WIRE	GND	COND	AMPS	BUS A	BUS B	AMPS	COND	GND	WIRE	LOAD	BUS VA A	BUS VA B
10465		EXISTING HP LARGE CABINET	E	E	E	100	1	2	30	E	E	E	EXISTING SURGE SUPPRESSOR	–	
	10465						3	4							–
–		SPARE (*)	–	–	–	40	5	6	20	E	E	E	EXISTING FCOA	290	
	–						7	8							290
–		SPARE (*)	–	–	–	40	9	10	40	–	–	–	SPARE (*)	–	
	–						11	12							–
180		EXISTING RECEPTACLE	E	E	E	20	13	14	40	–	–	–	SPARE (*)	–	
	–	SPACE	–	–	–	–	15	16							–
–		SPACE	–	–	–	–	17	18	20	–	–	–	SPARE (*)	–	
	–	SPACE	–	–	–	–	19	20							–
1000		NEW GENERATOR BATT. CHARGER	#12	#12	3/4"	20	21	22	–	–	–	–	SPACE	–	
	1200	NEW GENERATOR BLOCK HTR.	#12	#12	3/4"	20	23	24	–	–	–	–	SPACE		–

TOTAL VA: BUS A 11935 BUS B 11955 CONNECTED VA: 23890 AMPERES: BUS A 99 BUS B 99 TOTAL 99

RATED VOLTAGE: ☐ 120/208 ■ 120/240 ☐ 277/480 1 PHASE, 3 WIRE
BRANCH POLES ☐ 12 ☐ 18 ☐ 20 ■ 24 ☐ 30 ☐ 36 ☐ 42
RATED AMPS: ☐ 100 ■ 200 ☐ 400
CABINET: ■ SURFACE ☐ FLUSH
FULL NEUTRAL BUS ■ GROUND BUS ■ HINGED DOOR ☐ KEYED DOOR LATCH
ENCLOSURE TYPE NEMA–3R
BRANCH DEVICES ☐ FUSED ■ CIRCUIT BREAKER
☐ MAIN LUGS ONLY MAIN 200A ■ BREAKER ☐ FUSED SWITCH
ALL NEW BREAKERS MUST MATCH EXISTING AIC RATING OF PANEL

NOTE: E = EXISTING
(*) = EXISTING CIRCUIT REMOVED CREATING NEW SPARE BREAKER

PANEL SCHEDULE

2

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Drawing Title:

ELECTRICAL RISER DIAGRAM & PANEL SCHEDULE

Project No.:	
180168300	
Designer: XL	Date: 05/15/18
Drawn By: NK	Checked By: XL/CHC
PM Review: CHC	Client Approval
Issue No.: 0	Drawing No. E–2

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100 - 400 Amps, 600 VAC

GENERAC | INDUSTRIAL POWER

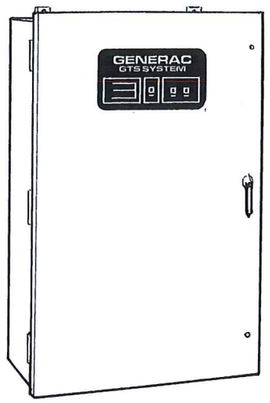
Automatic Transfer Switches

100 - 400 Amps, 600 VAC

1 of 2

100 - 400 Amps, 600 VAC

2 of 2



- Standard time delay neutral will reduce switchover problems.
- Logic control with inphase monitor regulates switch functions and allows adjustable switch settings with LED indicators.
- Control switches located on the front of the door for ease of operation.
- All switches are UL 1008 listed and CSA certified.
- Electrically-operated, mechanically-held and interlocked main contacts with break before make design for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive with no derations.
- 2, 3, and 4 Pole 600 VAC contactors.
- 160 millisecond transfer time.

Standard Features

- Single coil design, electrically operated and mechanically held
- Programmable exerciser
- Main contacts are silver alloy to resist welding and sticking
- Conformal coating protects all printed circuit boards
- Indicating LED's for switch position—Normal, Emergency, and Standby Operating
- NEMA 1 enclosure with hinged door and key-locking handle
- Three-position switch—Fast Test, Auto, Normal Test
- Arc chutes on main contacts

Optional Accessories

- NEMA 12 enclosure
- NEMA 3R enclosure
- NEMA 4 & 4X enclosure
- Exterior AC meter package
- Controls accessible through door in door design on NEMA type 3R and 4 enclosures – key lock provided on access door
- 4-pole design for neutral isolation
- Single or double sets of auxiliary contacts
- Preferred source selector switch
- Manual 3 position selector switch
- Remote automatic control circuit
- Signal before transfer contacts
- Return to normal timer bypass

GENERAC | INDUSTRIAL POWER

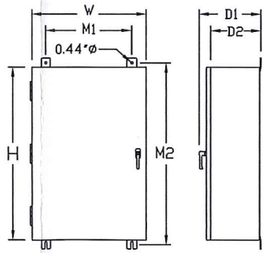
GTS Control Systems

	LOGIC CONTROL w / Inphase Monitor
Utility Voltage	
Dropout	75-95% (Adj.)
Pickup	85-95% (Adj.)
Line Interrupt	0.1-10 Sec. (Adj.)
Engine Minimum Run	5-30 Min. (Adj.)
Engine Warmup	5 Sec.-3 Min. (Adj.)
Return to Utility	1-30 Min. (Adj.)
Engine Cooldown	1-30 Min. (Adj.)
Standby Voltage	85-95% (Adj.)
Standby Frequency	80-90% (Adj.)
Time Delay Neutral	0.1-10 Sec. (Adj.)
Transfer on Exercise	On/Off Switch
Warmup Timer Bypass	On/Off Switch
Time Delay Neutral Bypass	On/Off Switch
Inphase Monitor	On/Off Switch

Withstand Current - 600 Volt GTS Series

GTS Rated Amps	100	150	200	300	400
FUSE PROTECTED					
Maximum RMS Symmetrical Fault Current – Amps	200,000	200,000	200,000	200,000	200,000
Maximum Fuse Size – Amps	200	400	400	600	600
Fuse Class	J,T	J,T	J,T	J,T	J,T
CIRCUIT BREAKER PROTECTED (See separate sheet for specific circuit breakers)					
Maximum RMS Symmetrical Fault Current – Amps	14,000	25,000	25,000	35,000	35,000
Protective Device Continuous Rating (Max) – Amps	150	300	300	600	600

- Tested in accordance with the withstand and closing requirements of UL 1008 and CSA Standards
- Current ratings are listed @ 480 VAC



Unit Dimensions

GTS Rated Amps	Voltage	Enclosure Height H	Enclosure Width W	Wall Mount Bolt Pattern M1	Wall Mount Bolt Pattern M2	Enclsoure Depth D1	Enclsoure Depth D2	Weight (lbs.)
100	All	36	24	18	37.5	12.7	10	180
150-200	120/240	36	24	18	37.5	12.7	10	185
150-200	120/208	36	24	18	37.5	12.7	10	185
150-200	277/480	48*	30*	24	49.5	14.8	12	265
150-200	600	48*	30*	24	49.5	14.8	12	265
300-400	120/240	36	24	18	37.5	12.7	10	245
300-400	120/208	36	24	18	37.5	12.7	10	245
300-400	277/480	48*	30*	24	49.5	14.8	12	325
300-400	600	48*	30*	24	49.5	14.8	12	325

* Note: On NEMA 1 enclosures only, door overlaps enclosure – door dimensions are 48.8 H X 30.8 W. All dimensions in inches.

Terminal Lug Wire Ranges

GTS RATED AMPS	CONTACTOR TERMINALS (1 LUG PER POLE) LUG WIRE RANGE	NEUTRAL BAR* # LUGS	NEUTRAL BAR* LUG WIRE RANGE	GROUND LUG (1 PROVIDED) LUG WIRE RANGE
100	2/0 – 14 AWG	4	2/0 – 14 AWG	2/0 – 14 AWG
150	400MCM – 4 AWG	4	350MCM – 6 AWG	350MCM – 6 AWG
200	400MCM – 4 AWG	4	350MCM – 6 AWG	350MCM – 6 AWG
300	600MCM – 4 AWG or 2 – [250MCM – 1/0 AWG]	4	600MCM – 4 AWG [250MCM – 1/0 AWG]**	350MCM – 6 AWG
400	600MCM – 4 AWG or 2 – [250MCM – 1/0 AWG]	4	600MCM – 4 AWG [250MCM – 1/0 AWG]**	350MCM – 6 AWG

* Not included in GTS with switched neutral. ** Allowable wire range in brackets is for 2 wires per lug.

Generac Power Systems, Inc. • S45 W29290 HWY. 59, Waukesha, WI 53189 • generac.com

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ATS MANUFACTURER SPECIFICATIONS

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City Commission Regular Meeting **11.c.**

Meeting Date: 10/15/2018

Re: Request Approval for Permittal of One (1) Above-Ground Buffer Tank of Compressed Natural Gas (CNG) at 1701 S 37th St.

Submitted For: Paul Thomas, Building Official, Building

SUBJECT:

Approval of one (1) above-ground buffer tank (450 standard cubic feet) for compressed natural gas (CNG) at property located at 1701 South 37th Street, a Fort Pierce Utilities location.

SUMMARY:

Zeit Energy, LLC is requesting approval to permit and install one (1) above-ground compressed natural gas (CNG) above-ground buffer tank (450 standard cubic feet) at 1701 South 37th Street, a Fort Pierce Utilities Authority location.

RECOMMENDATION:

Approve the installation of above-ground storage tank.

ALTERNATIVES:

Do not approve installation.

RESPONSIBLE STAFF:

Shaun Coss, CFM, Building Department Coordinator

COORDINATED WITH:

Paul Thomas, CBO, CFM, Building Official

Fiscal Impact

OTHER INFORMATION:

None at this time.

Attachments

Zeit Energy Tank - Applic.

Zeit Energy Tank - Plans

Form Review

Inbox	Reviewed By	Date
Building	Paul Thomas	10/02/2018 04:51 PM
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Karen Murphy Started On: 09/28/2018 01:01 PM

Final Approval Date: 10/05/2018

CITY OF FORT PIERCE, FLORIDA
BUILDING DEPARTMENT
APPLICATION FOR BUILDING PERMIT
(772) 467-3718 FAX (772) 467-3849
building@city-ftpierce.com

PERMIT # 18-3347
FBC (2017) 6th Edition
PIN # 569885

Building Department Project Manager: Kim

*Property Address 1701 S 37th STREET FORT PIERCE FL *Date 9/24/2018

Parcel ID# 2417321000100009 (Located on your tax bill) *# of plans submitted 2 * # of CD's submitted 0

*Owner Name FPUA *Owner Address 500 BOSTON AVENUE 34950

Phone # (772) 370 - 7779 Fax # ( ) - Cell # (772) 370 - 7779

Email Address CCRAWFORD@FPUA.COM ext. 4701 → 359,177.00

***Required Information**

Type of permit BUILDING *Valuation $ ~~90,000~~

*Description of Work: INSTALLATION OF A NEW CNG COMPRESSOR WITH A 50hp MOTOR AS WELL AS 5 FUELING DISPENSERS

Architect:

Phone( ) - Fax ( ) - Email Address

Engineer: FREESE & NICHOLS

Phone(817) 881 - 5820 Fax ( ) - Email Address WAS@FREESE.COM

***CONTRACTOR/APPLICANT INFORMATION:**

City License # State License # CBC1260202

Company Name ZEIT ENERGY LLC Qualifier CLINT BEAUCHAMP

Address 1717 MCKINNEY AVE SUITE 700 City/State DALLAS TX Zip 75202

Phone # (817) 993 - 1401 Fax # ( ) - Cell # (214) 773 - 5394

Email Address YOUNES@ZEITENERGY.COM

Occupancy N/A Construction Type N/A # of Units ONA # of Stories O N/A

Sq. Ft. Conditioned Space N/A Total Sq. Ft. N/A

I understand that no building may be occupied until a Certificate of Occupancy/Certificate of Completion has been issued after final inspection by the Building Department and full compliance with the building code, city ordinances, state statutes and other applicable rules and regulations have been satisfied. I am also verifying that all sets of plans submitted are identical.

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for electrical work, plumbing, signs, wells, pools, furnaces, boilers, heaters, tanks, and air conditioners etc.

Owner's Affidavit: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

WARNING TO OWNER:
YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Must be signed by owner/Agent and applicant:

(Signature of contractor)

State of ~~Florida~~ TEXAS, County of DALLAS
Affirmed to and subscribed before me this 24th
September, 2018, by CLINT BEAUCHAMP
personally known to me or who has produced
as identification. _____

Notary Signature: Avis Carver

Notary (print name) AVIS CARVER

NOTARY PUBLIC STATE OF TEXAS
AVIS CARVER
OFFICIAL NOTARY PUBLIC
COMMISSION EXPIRES
07-08-2019

(Signature of Owner or Agent (including contractor))

State of Florida, County of _____
Affirmed to and subscribed before me this _____
20___, by _____
personally known to me or who has produced
as identification. _____

Notary Signature: _____

Notary (print name) _____

Construction documents must accompany this application. The Florida energy code submitted becomes an integral part of this plan and must pass final inspection. "Notice: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public record of this county, and there may be additional permits required from other governmental entities such as waste management district, state agencies, or federal agencies. "SIGNATURE OF THE APPLICANT MUST BE NOTARIZED. If owner builder, applicant must sign in person. BUILDING PERMIT includes: Building, Electrical, Plumbing, Mechanical, and Sewer only. All other trades require separate applications.

Asbestos compliance: It is the owner's or operator's responsibility to comply with section 469.003, Florida Statutes, and to notify the Department of Environmental Protection of his or her intentions to remove asbestos, when applicable, in accordance with state and federal law.

FEE SIMPLE TITLEHOLDER, BONDING COMPANY AND MORTGAGE LENDER INFORMATION IS REQUIRED WHEN THE AGGREGATE VALUE (TOTAL COST OF ALL IMPROVEMENTS AND NOT JUST WORK AUTHORIZED BY THE INDIVIDUAL PERMIT) IS $2500 OR MORE (EXCEPT HVAC REPAIR/REPLACEMENT< $7500). PLEASE ADDRESS ALL ITEMS.

Fee Simple Titleholder's Name (if other than owner): U Same as Owner
Address: _____
City: _____ **State:** _____ **Zip:** _____

Bonding Company Name: U Not Applicable
Address: _____
City: _____ **State:** _____ **Zip:** _____

Mortgage Lender's Name: U Not Applicable
Address: _____
City: _____ **State:** _____ **Zip:** _____

OFFICE USE ONLY

Is the property located in a Special Flood Hazard Area (floodplain) per the current Flood Insurance Rate Map (FIRM)

☐ Yes ☐ No

Flood Zone: _____ Reviewed by: _____ Determination: _____

Permit Fee	$_____	Other _____	$_____	Plan Review Fee	$_____
State Surcharge	$_____	Other _____	$_____	Routing Fee	$_____
Subcontractor	$_____	Flood Review Fee	$_____	Other _____	$_____

Total Amount Due at Issuance $ _____

Remarks _____

Active Code Violation U Yes U No
Case # _____
Case Type _____

Reviewed by _____ Date _____ Final Check _____ Date _____

City of Fort Pierce - Electrical Information Form

To be completed with every electrical permit application

*Items must be filled in

Address: 1701 S 37th street # of Units N/A Permit # _____

*Current Size of Service: N/A *Proposed size of service: _____

*Size of Amps: 200 Phases: 3 # of Units being worked on: N/A

Circle all that Apply

Use of Building: Single Family Duplex Garage Multi-family (Commercial)

***Existing Service:** (Underground) overhead

Changing from overhead to underground: Yes (no)

Scope of Work:

New Service Mobile Home Hook-up Swimming Pool Temp Pole Sign

Service Repair Service Change: Increase from _____ to _____

Renovation or Addition (specify): ADDITION OF A COMPRESSED NATURAL GAS COMPRESSOR

Other (specify) : _____

Docks/Boat Lift: Requires complete layout of electrical installation, on plan view, to include source of power with location and path of conduit/cable, conduit size, type, and circuit breaker amperage of feeders for dock. All electrical equipment to be installed or reconnected, existing, new and/or replaced. (NOTE: Source of power must be permanent electric.)

INDICATE EQUIPMENT TO BE INSTALLED

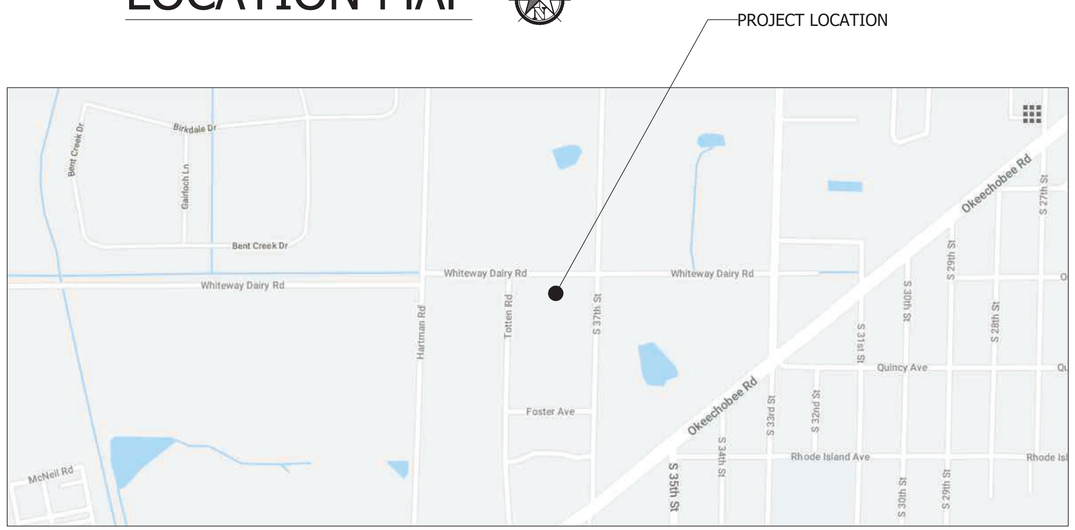
Circle all that apply

Air Conditioning	Outlets	Dryer	Outdoor Lighting	Sound
Exhaust Fan	Stoves	Hood Fan	Water Heater	Signaling
Neon Tubing	Disposal	Switches	TV	Photovoltaic KW _____
Pumps	Furnace	Pool	Phone	
Dishwasher	Paddle Fan	Electric Sign	Security	Other (specify) CNG COMPRESSOR
Fixtures	Spa	Motors	Communications	

If you are upgrading the service: the service must go underground per Fort Pierce Code of Ordinance Section 5-1.101.4.1.1: Underground Electrical Service. All new or replacement utility service(s) shall be served by means of underground lateral service from the distribution point to the building in accordance with the requirements as set forth by the Fort Pierce Utilities Authority. Approval to activate electrical service shall not be granted if there is failure to comply with this provision.

FORT PIERCE UTILITIES AUTHORITY
CNG FUELING STATION
1701 S 37TH STREET FORT PIERCE FL, 34947
9/18/2018

LOCATION MAP



PROJECT DESCRIPTION

THIS PROJECT IS INTENDED TO ADD A NEW COMPRESSED NATURAL GAS (CNG) VEHICLE FUELING STATION TO THE FACILITY OWNED BY FORT PIERCE UTILITIES AUTHORITY LOCATED AT:
1701 S 37TH STREET FORT PIERCE FL, 34947.
WORK WILL INCLUDE THE INSTALLATION OF ONE ELECTRICALLY DRIVEN CNG COMPRESSOR, ABOVE GROUND STORAGE, 5 SINGLE HOSE TIME FILL POSTS, AND ASSOCIATED PADS, K-RAIL, INTERCONNECTING PIPING AND ELECTRICAL, AND SAFETY EQUIPMENT. THE STATION WILL SERVE 5 VEHICLES TO START AND WILL BE CAPABLE FOR FUTURE EXPANSION.

PROJECT TEAM

OWNER
FORT PIERCE UTILITIES AUTHORITY
ATTN: CRAIG CRAWFORD
P.O. BOX 3191, FT. PIERCE, FL 34947
772-370-7779

CONTRACTOR:
ZEIT ENERGY LLC
ATTN: YOUNES ROUISSI
1717 MCKINNEY AVE SUITE 700
DALLAS TX 75202
214-773-5394

ENGINEEROF RECORD
CIVIL:
HAMMOND ENGINEERING, INC.
3802 NORTH "S" STREET
PENSACOLA, FL 32505
850-434-2603

ELECTRICAL:
FREESE AND NICHOLS INC
4055 INTERNATIONAL PLAZA #200,
FORT WORTH, TX 76109
817-881-5820

MECHANICAL:
FREESE AND NICHOLS INC
4055 INTERNATIONAL PLAZA #200,
FORT WORTH, TX 76109
817-881-5820

INDEX OF DRAWINGS	
SHT. NO.	DRAWING TITLE
T-1	COVER SHEET
C-1	MAP LAYOUT
C-2	DEMO/EROSION CONTROL PLAN
C-3	PARTIAL SITE PLAN
C-4	EQUIPMENT LAYOUT
C-5	CIVIL DETAILS
G-1	SAFETY SIGNAGE PLAN
E-1	ELECTRICAL GENERAL NOTES AND ABBREVIATIONS
E-2	ONE-LINE DIAGRAM
E-3	ELECTRICAL SITE PLAN
E-4	HAZARDOUS AREAS PLAN
E-5	INTERCONNECTION DIAGRAM
E-6	CONDUIT AND CABLE SCHEDULE
E-7	ELECTRICAL DETAILS
M-1	MECHANICAL GENERAL NOTES
M-2	MECHANICAL SITE PLAN
M-3	P&ID
M-4	MECHANICAL DETAILS

GENERAL NOTES

1. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTORS SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THE PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY.
2. CONTRACTOR TO PROVIDE ELECTRICAL POWER AND GAS SERVICE LINES SHOWN AND IN ACCORDANCE WITH REQUIREMENTS OF ELECTRIC CODE AND LOCAL GOVERNING CODES.
3. ALL WORK SHALL COMPLY WITH APPLICABLE STATE AND LOCAL CODES AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
4. ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL FINISHED AND WORKMAN LIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER AND ENGINEER AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
5. CONTRACTOR SHALL BE REQUIRED TO HAVE STUDIED THE DOCUMENTS INCLUDING THE DRAWINGS AND PROJECT MANUALS, TO HAVE VISITED THE SITE, AND TO HAVE SATISFIED HIMSELF REGARDING ALL EXISTING CONDITIONS AND NEW WORK UNDER WHICH HE WILL BE OBLIGATED TO PERFORM.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO THE START OF THE SITE WORK. ALL DAMAGES MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
7. CONTRACTOR SHALL COORDINATE ALL DELIVERIES AND ACCESSIBILITY FOR ALL ITEMS DURING WORKING HOURS.
8. CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT FIXTURES, AND SERVICE NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
9. ALL MATERIALS AND EQUIPMENT INCORPORATED IN THE WORK SHALL BE NEW AND ALL WORK SHALL BE OF GOOD QUALITY, FREE FROM FAULTS AND IN CONFORMANCE TO ALL REQUIREMENTS.
10. CONTRACTOR SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY HIS OPERATIONS. AT THE COMPLETION OF THE WORK THE CONTRACTOR SHALL PERFORM A FINAL CLEAN-UP, CLEAN ALL SURFACES AND LEAVE THE PROJECT AREA CLEAN.
11. CONTRACTOR SHALL PROVIDE PORTABLE TOILET FACILITIES. QUANTITY OF PORTABLE TOILET FACILITIES SHALL BE BASED ON TOTAL NUMBER OF WORKERS.
12. CONTRACTOR SHALL GUARANTEE FOR ONE (1) YEAR THAT ALL OF THE WORK UNDER THE CONTRACT IS FREE FROM FAULTY MATERIALS AND FREE FROM IMPROPER WORKMANSHIP.
13. CONTRACTOR SHALL SUPERVISE THE WORK AND COORDINATE ALL PORTIONS THEREOF.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING AND NEW WORK. ANY WORK DAMAGED FOR ANY REASON SHALL BE REPLACED AT NO COST TO THE OWNER.
15. CONTRACTOR SHALL NOT SCALE DRAWINGS - LARGER SCALE DRAWINGS AND DETAILS SHALL TAKE PRECEDENCE OVER SMALLER REFERENCED DRAWINGS AND DETAILS.
16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVES AND PARKING AREAS DURING CONSTRUCTION.

Freese and Nichols, INC
4055 International Plaza #200,
Fort worth, TX 76109
Phone:817-881-5820

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850-434-2603
FAX 850-434-2650
TOM@SELANDDESIGN.COM

ZEIT ENERGY
CNG Fueling Stations
ZEIT ENERGY LLC
1717 MCKINNEY AVE, STE 700
DALLAS, TX 75240
Phone: 214 773 5394
Fax: 214 593 3344

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947

COVER

JOB NO. FPUA
DATE 9/18/18
DESIGNED YR
DRAWN YR
REVISED -
CHECKED
FILE NAME FPUA

NO.	ISSUE	BY	
1	CONSTRUCTION DOCUMENT	ZE	
2		ZE	
3		ZE	
4		ZE	

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

SHEET T-1
SEQ.

Digitally signed by Thomas G Hammond, Jr
Date: 2018.09.21 '11:41:23 -05'00

THOMAS GRANT HAMMOND, JR. LICENSE No. 54574 STATE OF FLORIDA PROFESSIONAL ENGINEER

NEW CNG STATION



FORT PIERCE UTILITIES AUTHORITY

1 MAP LAYOUT
1/64"=1'-0"

0 32 64 128
SCALE: 1/64" = 1' -0"

ZEIT ENERGY
CNG Fueling Systems
ZEIT ENERGY LLC
1717 McKINNEY AVE, STE 700
DALLAS, TX 75202
Phone: 214 773 5394
Fax: 214 593 3344

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 S 37TH STREET FORT PIERCE FL, 34947

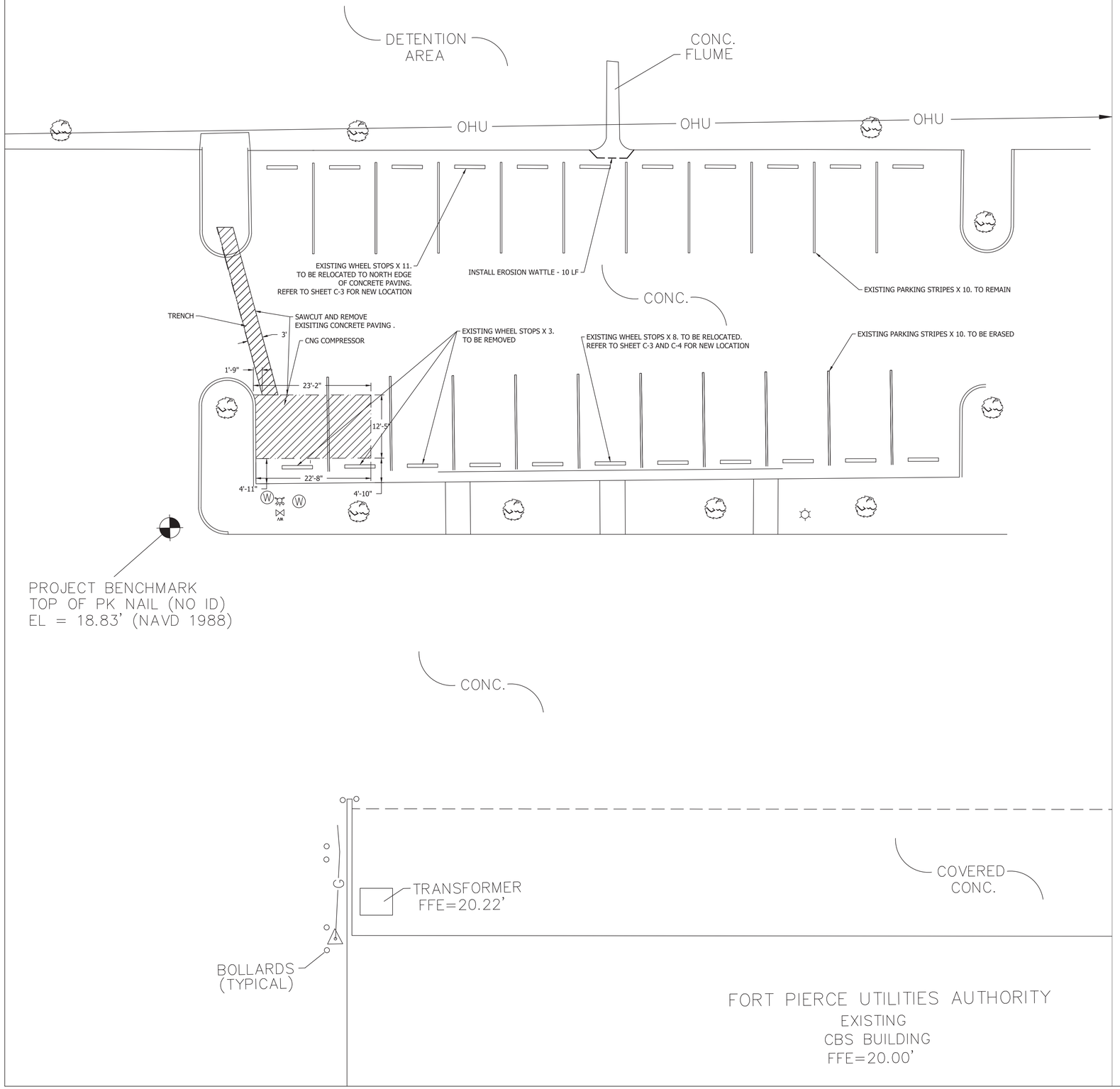
CIVIL
MAP LAYOUT

NO.	ISSUE	BY	
1	CONSTRUCTION DOCUMENT	ZE	
2		ZE	
3		ZE	
4		ZE	

JOB NO. FPUA
DATE 9/18/18
DESIGNED YR
DRAWN YR
REVISED
CHECKED
FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

SHEET C-1
SEQ.



LEGEND

Δ	= CENTRAL ANGLE
R	= CURVE RADIUS
L	= CURVE LENGTH
(C)	= CALCULATED
(P)	= PLAT
(D)	= DEED
FND	= FOUND
CMP	= CORRUGATED METAL PIPE
PE	= POLYETHYLENE
CM	= CONCRETE MONUMENT
FFE	= FINISH FLOOR ELEVATION
FPL	= FLORIDA POWER AND LIGHT
OHU	= OVERHEAD UTILITIES
MD	= MAG NAIL AND DISK
ND	= NAIL AND DISK
P.L.S.	= PROFESSIONAL LAND SURVEYOR
LB	= LICENSED BUSINESS
P.B.	= PLAT BOOK
PG.	= PAGE
R/W	= RIGHT-OF-WAY
U.E.	= UTILITY EASEMENT
EL	= ELEVATION
DUE	= DRAINAGE & UTILITY EASEMENT
CBS	= CONCRETE BLOCK STRUCTURE
MH	= MANHOLE
	= CURB INLET
	= STORM INLET/BASIN
	= SET IRC LB 7056
	= LAMP POST
	= AT&T PEDESTAL
	= CABLE TELEVISION BOX
	= WOOD POWER POLE
	= CONCRETE POWER POLE
	= GUY WIRE
CONC	= CONCRETE
WPP	= WOOD POWER POLE
	= FIRE HYDRANT
	= WATER VALVE
	= SANITARY VALVE
TOB	= TOP OF BANK
ORB	= OFFICIAL RECORD BOOK
PG	= PAGE
RCP	= REINFORCED CONCRETE PIPE
INV.	= INVERT
Ⓓ	= DRAINAGE MANHOLE
Ⓦ	= WATER METER
Ⓢ	= EXISTING SEPTIC TANK
	= ELECTRIC SERVICE BOX
IP	= 1/2" IRON PIPE
IR	= #5 IRON ROD
IRC	= #5 IRON ROD AND CAP
—O—	= 6' WOOD FENCE
—X—	= 6' CHAIN LINK FENCE
	= GAS REGULATOR
24.50	= EXISTING ELEVATION
	= PINE TREE (SIZE)
	= OAK TREE (SIZE)
NAVD	= NORTH AMERICAN VERTICAL DATUM (1988)
—G—	= GAS LINE

0 10 20
SCALE: 1" = 10'

Digitally signed by Thomas G Hammond, Jr
Date: 2018.09.21 '11:41:39 -05'00

THOMAS GRANT HAMMOND JR. LICENSE No. 54574 STATE OF FLORIDA PROFESSIONAL ENGINEER

1 DEMO/EROSION CONTROL PLAN
1"=10'

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH 'S' STREET
PENSACOLA, FLORIDA 32505
850-434-2603
FAX 850-434-2650
TOM@SELANDDESIGN.COM

ZEIT ENERGY
CNG & Natural Gas Fuel Systems
ZEIT ENERGY LLC
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DALLAS, TX 75202
Phone: 214 773 5394
Fax: 214 593 3344

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 S 37TH STREET FORT PIERCE FL, 34947

CIVIL

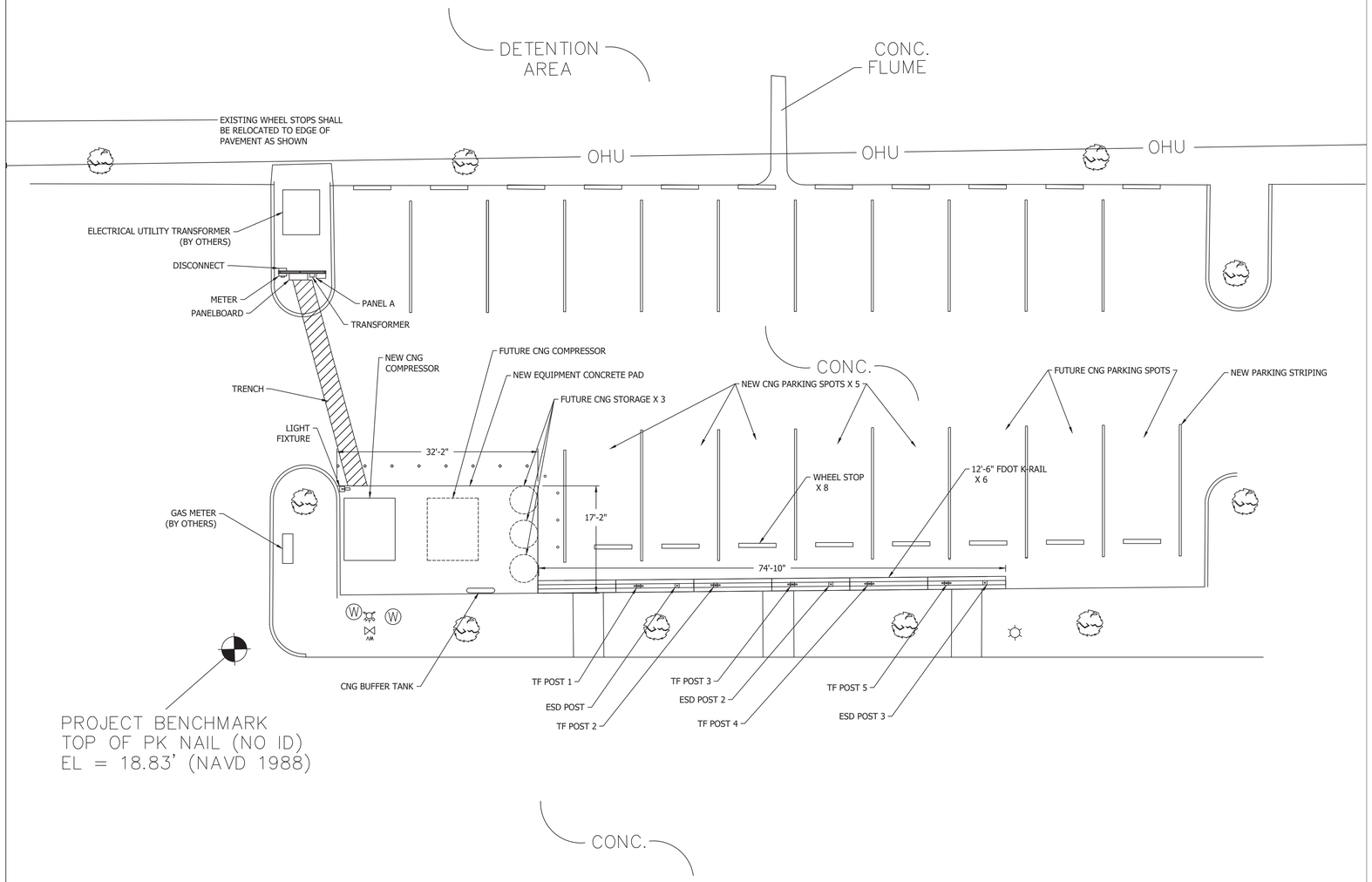
DEMO/EROSION CONTROL PLAN

NO.	ISSUE	BY
1	DEVELOPMENT DESIGN	ZE
2		ZE
3		ZE
4		ZE

JOB NO. FPUA
DATE 9/18/18
DESIGNED YR
DRAWN YR
REVISED
CHECKED
FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

SHEET C-2
SEQ.



LEGEND

Δ	= CENTRAL ANGLE
R	= CURVE RADIUS
L	= CURVE LENGTH
(C)	= CALCULATED
(P)	= PLAT
(D)	= DEED
FND	= FOUND
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OHU	= OVERHEAD UTILITIES
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CBS	= CONCRETE BLOCK STRUCTURE
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	= STORM INLET/BASIN
	= SET IRC LB 7056
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	= WOOD POWER POLE
	= CONCRETE POWER POLE
	= GUY WIRE
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	= FIRE HYDRANT
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	= PINE TREE (SIZE)
	= OAK TREE (SIZE)
NAVD	= NORTH AMERICAN VERTICAL DATUM (1988)
—G—	= GAS LINE

TF POST = 5

ESD POST = 3

1 PARTIAL SITE PLAN

1"=10'

0 10 20

SCALE: 1" = 10'

Digitally signed by Thomas G Hammond, Jr
Date: 2018.09.21 '11:41:55 -05'00

THOMAS GRANT HAMMOND, JR. LICENSE No. 54574 STATE OF FLORIDA PROFESSIONAL ENGINEER

ZEIT ENERGY
Civil & Mechanical Services
ZEIT ENERGY LLC
1717 McKINNEY AVE, STE 700
DALLAS, TX 75202
Phone: 214 773 5394
Fax: 214 593 3344

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 S 37TH STREET FORT PIERCE FL, 34947

CIVIL

PARTIAL SITE PLAN

JOB NO.	FPUA
DATE	9/18/18
DESIGNED	YR
DRAWN	YR
REVISED	
CHECKED	
FILE NAME	FPUA

NO.	ISSUE	BY
1	CONSTRUCTION DOCUMENT	ZE
2		ZE
3		ZE
4		ZE

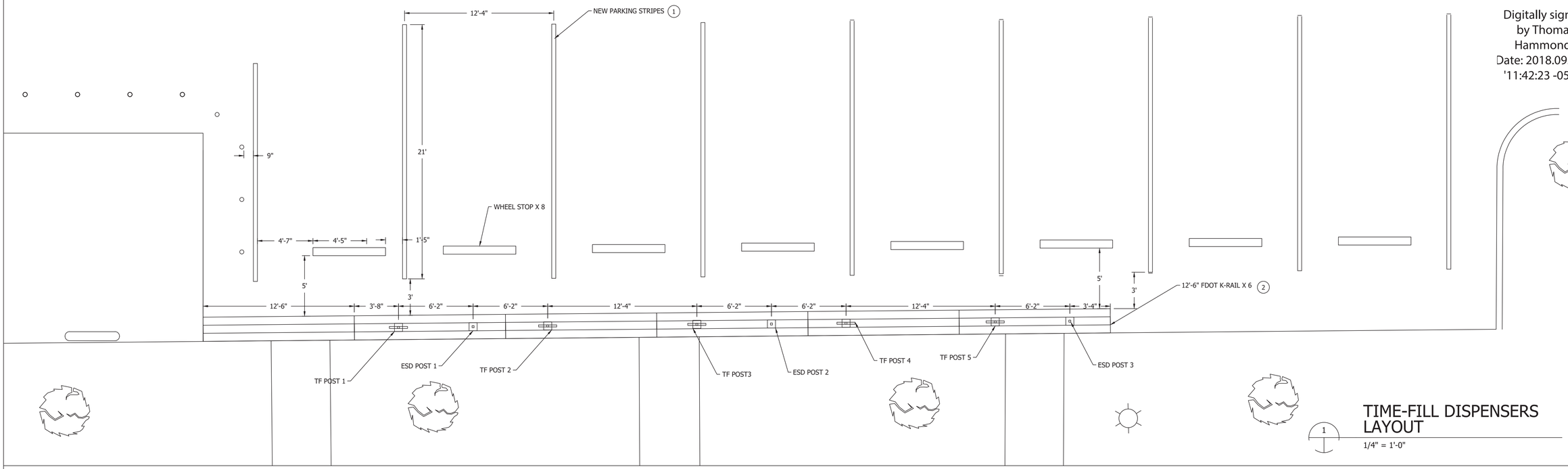
VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.

0 1

SHEET C-3

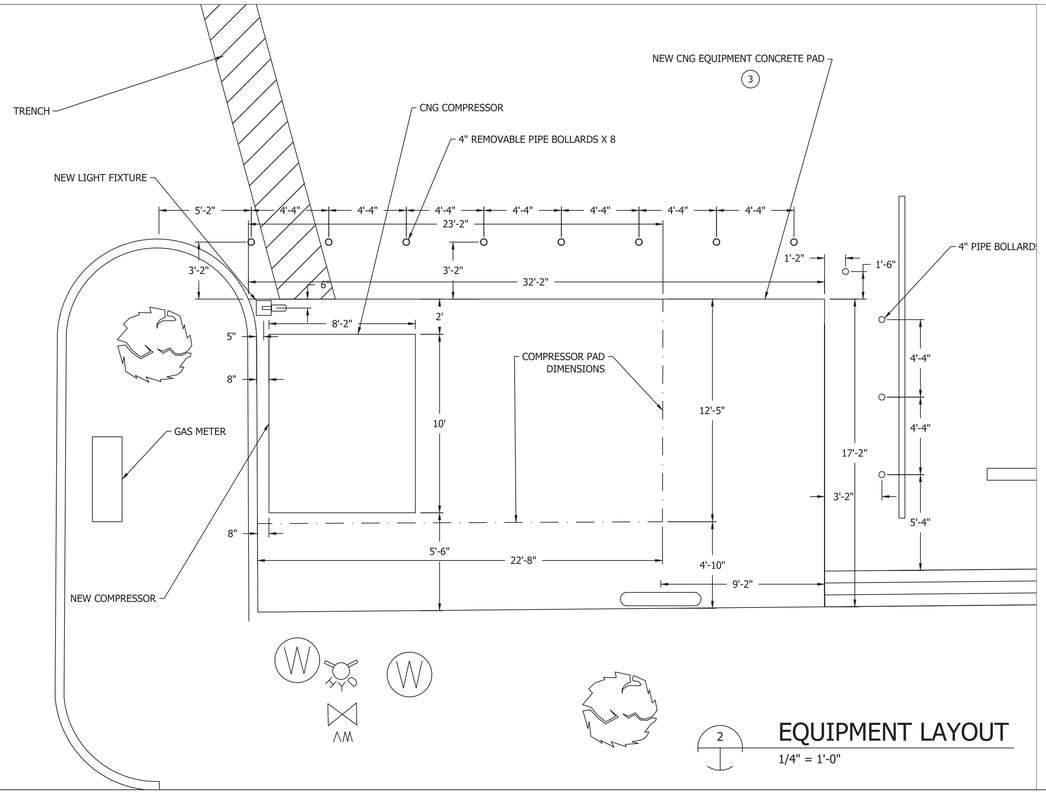
SEQ.

HAMMOND ENGINEERING, INC.
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ALABAMA AUTHORIZATION NO. 3277
3802 NORTH 'S' STREET
PENSACOLA, FLORIDA 32505
850-434-2603
FAX 850-434-2650
TGH@SELANDDESIGN.COM



TIME-FILL DISPENSERS LAYOUT

1/4" = 1'-0"



EQUIPMENT LAYOUT

1/4" = 1'-0"

LEGEND

- Δ = CENTRAL ANGLE
- R = CURVE RADIUS
- L = CURVE LENGTH
- (C) = CALCULATED
- (P) = PLAT
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- = PINE TREE (SIZE)
- = OAK TREE (SIZE)

NAVD = NORTH AMERICAN VERTICAL DATUM (1988)
—G— = GAS LINE
TF POST = 5
ESD POST = 3

NOTES BY SYMBOL "◯"

1. NEW 4" WHITE PARKING STRIPE. PROVIDE SHERWIN-WILLIAMS SETFAST ALKYD ZONE MARKING PAINT OR APPROVED EQUAL. DIMENSIONS SHOWN ARE FROM CENTER TO CENTER OF THE STRIPES.
2. K-RAIL SHALL BE INSTALLED ALONG EDGE OF EXISTING PARKING PAVEMENT
3. EXISTING CONCRETE PAVING SHALL BE SAWCUT AND REMOVED BY CONTRACTOR. SOIL SHALL BE PREPARED TO RECEIVE NEW CONCRETE PAD. SEE SHEET C5 FOR DETAILS

0 2 4 8
SCALE: 1/4" = 1'-0"

HAMMOND ENGINEERING, INC.
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ALABAMA AUTHORIZATION NO. 3277
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PENSACOLA, FLORIDA 32505
850-434-2603
FAX 850-434-2650
TGM@SELANDDESIGN.COM

Digitally signed by Thomas G Hammond, Jr
Date: 2018.09.21 '11:42:23 -05'00

THOMAS GRANT HAMMOND JR. LICENSE No. 54574 STATE OF FLORIDA PROFESSIONAL ENGINEER

ZEIT ENERGY
CNG & FUELING SERVICES
ZEIT ENERGY LLC
1717 McKINNEY AVE. STE 700
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Phone: 214 773 5394
Fax: 214 593 3344

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 S 37TH STREET FORT PIERCE FL, 34947

CIVIL
EQUIPMENT LAYOUT

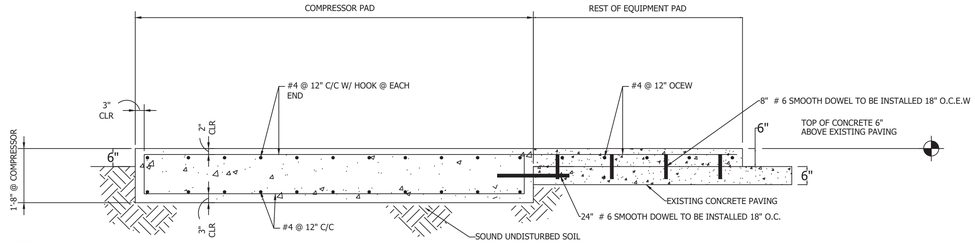
NO.	ISSUE	BY	DATE
1	CONSTRUCTION DOCUMENT	ZE	9/18/18
2		ZE	
3		ZE	
4		ZE	

JOB NO. FPUA
DESIGNED YR
DRAWN YR
REVISED
CHECKED
FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

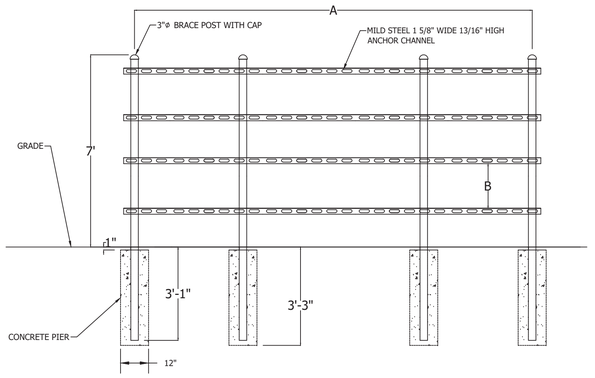
SHEET C-4
SEQ.

GENERAL NOTES:
1. CONCRETE SHALL HAVE 4000 PSI COMPRESSIVE STRENGTH.
2. ALL REINFORCEMENTS SHALL BE ACCORDING TO ASTM A615 GRADE 60.



NOTES:
1. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" INSIDE FORM OR TOOLED TO 1/2" RADIUS ON SLABS UNLESS OTHERWISE NOTED.
2. COMPRESSOR PAD DIMENSIONS: REFER TO C-4
3. DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE

1 CNG EQUIPMENT PAD FOUNDATION DETAIL
N.T.S.



NOTES:
1. SECURE ANCHOR CHANNELS TO BRACE POSTS USING 3" GALVENIZED U-BOLTS.
2. DIMENSION A AND B WILL VARY DEPENDING ON EQUIPMENT TO BE INSTALLED.

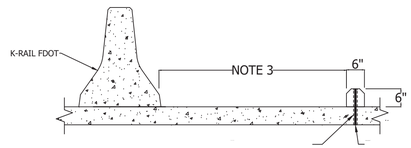
103 ELECTRICAL EQUIPMENT ANCHORING FRAME ASSEMBLY
N.T.S.

NOTE:
BOLLARDS ARE TO BE PAINTED REFLECTIVE & SAFETY YELLOW POLYURETHANE EPOXY.

95 BOLLARD DETAIL
N.T.S.

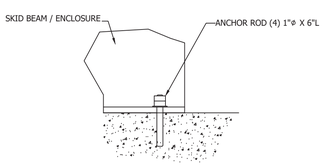
42 SINGLE HOSE TIME FILL POST FRONT VIEW
N.T.S.

43 SINGLE HOSE TIME FILL POST SIDE VIEW
N.T.S.



NOTE:
1. WHEEL STOPS ARE 6" X 6" X 6' .
2. CONTRACTOR TO PROVIDE LABOR, EQUIPMENT AND MATERIALS FOR ALL WHEEL STOPS.
3. REFER TO SHEET C-5 FOR WHEET STOP POSTION.

50 WHEEL STOP DETAIL
N.T.S.



5 COMPRESSOR ANCHOR DETAIL
N.T.S.

GENERAL NOTES:
1. CONCRETE SHALL HAVE 4000 PSI COMPRESSIVE STRENGTH.
2. ALL REINFORCEMENTS SHALL BE ACCORDING TO ASTM A615 GRADE 60.

98 TRENCH DETAIL
N.T.S.

NOTE:
BOLLARDS ARE TO BE PAINTED REFLECTIVE & SAFETY YELLOW POLYURETHANE EPOXY.

95 REMOVABLE BOLLARD DETAIL
N.T.S.

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850-434-2603
FAX 850-434-2650
TOM@SELANDDESIGN.COM

Digitally signed by Thomas G Hammond, Jr
Date: 2018.09.21 '11:42:43 -05'00

THOMAS GRANT HAMMOND JR. LICENSE No. 54574 STATE OF FLORIDA PROFESSIONAL ENGINEER

ZEIT ENERGY
CNG Fueling Services
ZEIT ENERGY LLC
1717 MCKINNEY AVE, STE 700
DALLAS, TX 75240
Phone: 214 773 5394
Fax: 214 593 3344

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947

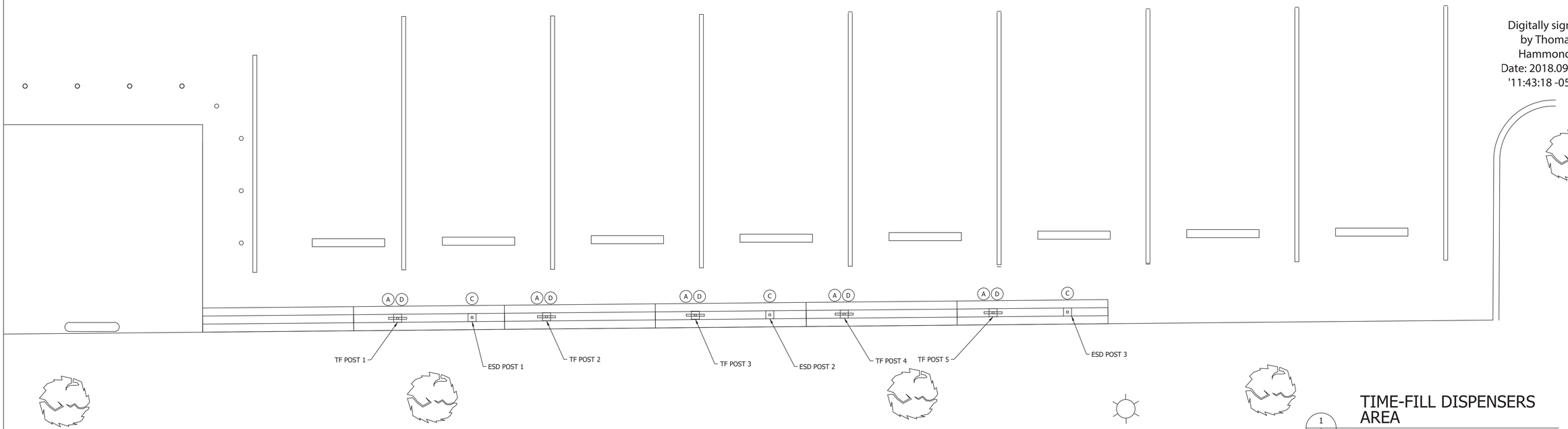
CIVIL DETAILS

NO.	ISSUE	BY
1	CONSTRUCTION DOCUMENT	ZE
2		ZE
3		ZE
4		ZE

JOB NO. FPUA
DATE 9/18/18
DESIGNED YR
DRAWN YR
REVISED -
CHECKED
FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1"

SHEET C-5
SEQ.



TIME-FILL DISPENSERS AREA

1/4" = 1'-0"

Digitally signed by Thomas G Hammond, Jr.
Date: 2018.09.21 '11:43:18 -05'00

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1701 S 37TH STREET FORT PIERCE FL, 34947

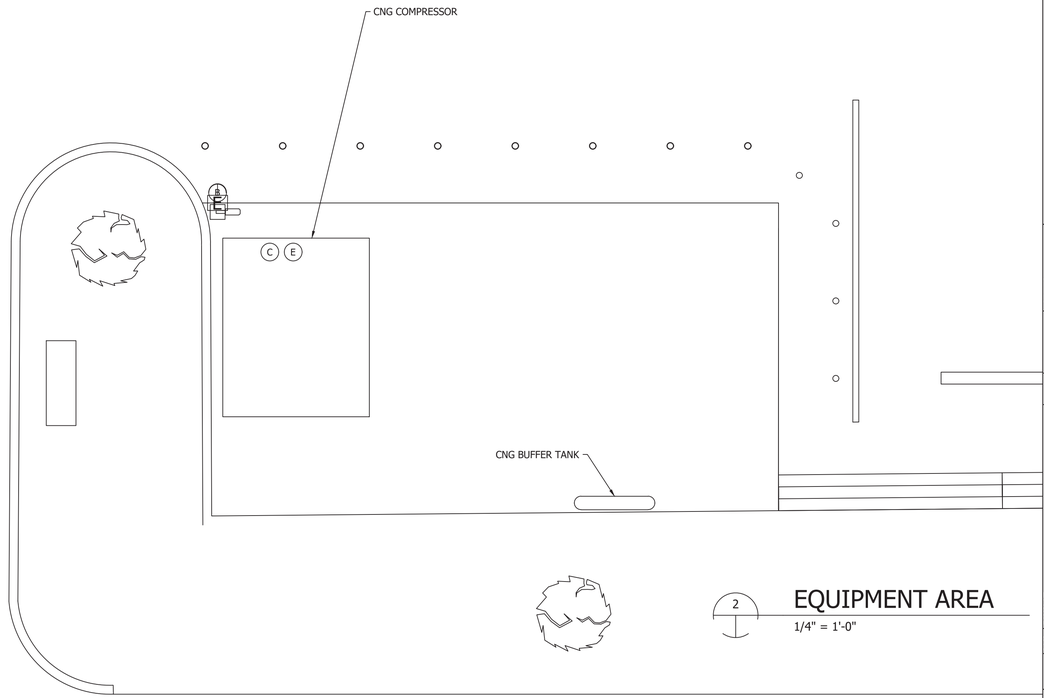
GENERAL SIGNAGE PLAN

WARNING SIGNS

STOP MOTOR NO SMOKING FLAMMABLE GAS	A	"STOP MOTOR, NO SMOKING, FLAMMABLE GAS". PROVIDE RED TEXT WITH LETTERS AT LEAST 2" HIGH ON WHITE BACKGROUND SHEET METAL SIGN. LOCATION DISPENSER.
WARNING FLAMMABLE GAS NO TRESPASSING	B	SIGN WITH RED LETTERS AT LEAST 4" HIGH, ON WHITE BACKGROUND: "WARNING-FLAMMABLE GAS"; BLACK LETTERS: "NO TRESPASSING" LOCATION COMPRESSION AREA
CNG EMERGENCY SHUTDOWN	C	14"X10" "CNG EMERGENCY SHUTDOWN". PROVIDE BLACK TEXT ON WHITE BACKGROUND SHEET METAL WARNING SIGN LOCATION EQUIPMENT AREA, DISPENSER AREA
CAUTION ONLY AUTHORIZED PERSONNEL PERMITTED TO OPERATE THIS MACHINE	D	20"X12" "CAUTION ONLY AUTHORIZED PERSONNEL PERMITTED TO OPERATE THIS MACHINE". PROVIDE BLACK TEXT ON YELLOW BACKGROUND SHEET METAL SIGN. LOCATION TIME FILL DISPENSER ONE SIGN FOR EACH DISPENSER
	E	10"X14" "THIS EQUIPMENT STARTS AUTOMATICALLY". PROVIDE BLACK TEXT ON WHITE BACKGROUND SHEET METAL SIGN. LOCATION COMPRESSOR

0 2 4 8

SCALE: 1/4" = 1'-0"



EQUIPMENT AREA

1/4" = 1'-0"

NO.	ISSUE	BY	DATE
1	CONSTRUCTION DOCUMENT	ZE	
2		ZE	
3		ZE	
4		ZE	

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CHECKED
FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

SHEET G-1

SEQ.

GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND WITH LOCAL ELECTRICAL ORDINANCES.
2. THE ENTIRE INSTALLATION MUST COMPLY WITH THE 2014 NATIONAL ELECTRICAL CODE , INCLUDING BUT NOT LIMITED TO ARTICLE 514.
3. ALL ELECTRICAL WORK SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A MASTER ELECTRICIAN WHO HOLDS A VALID LICENSE IN THE LOCAL STATE. ALL WIRING, EQUIPMENT, DEVICES, AND INSTALLATIONS SHALL CONFORM TO LOCAL, STATE, BUILDING AND FEDERAL CODES AS WELL AS ALL AUTHORITIES HAVING JURISDICTION. ALL ELECTRICAL WORK MUST COMPLY WITH THE REQUIREMENTS OF NFPA 70, NEC, NFPA 70B, NFPA 70E, IECC, OASHA IN ADDITION TO OTHER REFERENCES REQUIRED BY CONTRACT.
4. ALL ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE DEAD FRONT RATED NEMA 3R UNLESS NOTED OTHERWISE. ALL ENCLOSURES SHALL BE LOCKABLE WITH A SINGLE THREE POINT LATCH LOCATED ON THE DOOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LOCKS AS REQUIRED BY THE OWNER. THE CONTRACTOR SHALL FURNISH KEYS TO THE OWNER AS REQUIRED. ALL LOCKS SHALL BE KEYED ALIKE.
5. ALL CONDUCTORS SHALL BE 600V COPPER AND SHALL BE INSULATED WITH TYPE XHHW/XHWN INSULATION.
6. USE THE FOLLOWING COLOR CODE FOR 120/240V, 1-PHASE WIRING:

   PHASE A - BLACK
   PHASE B - RED
   NEUTRAL - WHITE
   EQUIPMENT GROUNDING CONDUCTOR - GREEN
7. USE THE FOLLOWING COLOR CODE FOR 480Y/277V, 3-PHASE WIRING:

   PHASE A - BROWN
   PHASE B - ORANGE
   PHASE C - YELLOW
   NEUTRAL - GRAY
   EQUIPMENT GROUNDING CONDUCTOR - GREEN
8. ALL 480V CIRCUIT CONDUITS ABOVE GROUND SHALL BE GALVANIZED RIGID ALUMINUM.
9. ALL CONDUITS ABOVE GROUND FOR 240V CIRCUITS AND BELOW SHALL BE GALVANIZED RIGID ALUMINUM CONDUIT UNLESS NOTED OTHERWISE. PROVIDE END BELLS, GROUND BUSHINGS, LOCKNUTS, CONDUIT DRAINS, BUSHINGS, ETC. AS REQUIRED.
10. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 80 PVC UNLESS NOTED OTHERWISE. PVC CONDUIT SHALL NOT BE INSTALLED ABOVE GRADE.
11. ALL UNDERGROUND CONDUIT BENDS SHALL BE FACTORY COATED (PVC) RIGID STEEL BENDS. PVC COATED RIGID STEEL CONDUIT SHALL BE AS MANUFACTURED BY PERMA-COTE. CONDUITS STUBBED-UP OUT OF THE GROUND SHALL BE PVC COATED RIGID STEEL.
12. PROVIDE CONDUIT SEALS AND EXPLOSION PROOF FITTINGS AS REQUIRED PER THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND THE NATIONAL ELECTRICAL CODE (NEC).
13. EXCAVATION, TRENCHING, BACKFILLING AND GRADING: PRIOR TO ANY EXCAVATION OR TRENCHING, NOTIFY THE OWNER'S REPRESENTATIVE, UTILITY COMPANIES AND OWNER'S FACILITIES DEPARTMENT. ALLOW SUFFICIENT TIME FOR UTILITIES TO BE LOCATED PRIOR TO EXCAVATION TO AVOID DISRUPTION OF SERVICES. PROVIDE A MINIMUM OF 72 HOURS WRITTEN NOTICE TO THE OWNER PRIOR TO TRENCHING OR EXCAVATION. DO NOT PROCEED WITH TRENCHING OR EXCAVATION UNTIL AUTHORIZED BY THE OWNER. UTILITIES OR SERVICES WHICH ARE DAMAGED, WHICH ARE IDENTIFIED PRIOR TO EXCAVATION OR TRENCHING, OR WHERE CONFIRMATION BY UTILITY COMPANIES HAS NOT BEEN OBTAINED VERIFYING THAT UTILITIES ARE MARKED, SHALL BE REPAIRED TO OPERABLE CONDITION IMMEDIATELY, AT NO COST TO THE OWNER. BARRICADE OPEN TRENCHES AND EXCAVATIONS FOR THE ENTIRE DURATION OF THE PROJECT. BARRICADES FOR EXCAVATIONS SHALL HAVE WARNING LIGHTS MAINTAINED DURING HOURS OF DARKNESS. TRENCHES SHALL BE MARKED WITH WARNING TAPE, OR ACCESS TO TRENCHES SHALL BE PROHIBITED WITH READILY IDENTIFIABLE SAWHORSES, WARNING TAPE OR OTHER ACCEPTABLE MEANS. BARRIERS SHALL BE ILLUMINATED OR RECOGNIZABLE DURING HOURS OF DARKNESS. BARRIERS AND TAPE SHALL BE PROPERLY MAINTAINED AT ALL TIMES. PROTECT ALL ADJACENT WORK, STRUCTURES AND PROPERTIES. DAMAGE TO ADJACENT WORK, STRUCTURES OR PROPERTIES SHALL BE REPAIRED, OR THE COST OF REPAIR REIMBURSED IN FULL. ALL CONSTRUCTION AREAS SHALL BE FINALLY GRADED AS INDICATED ON THE CONTRACT DOCUMENTS, OR TO THE CONDITIONS OF THE SITE PRIOR TO CONSTRUCTION. GRADING SHALL BRING THE SITE BACK TO THE EXISTING CONDITIONS AS CLOSE AS PRACTICAL. TURFED AREAS SHALL BE SODDED, OR HYDRO-MULCHED WITH MATCHING TURF. LANDSCAPING SHALL BE REPLACED WITH IDENTICAL SHRUBBERY, GROUND COVER, OR PLANTS AS EXISTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER ON NEW TURF AND LANDSCAPING UNTIL ESTABLISHED. IF NEW TURF AND LANDSCAPING IS IMPRACTICAL DUE TO WEATHER CONDITIONS, CONTRACTOR SHALL PROVIDE SATISFACTORY ARRANGEMENTS TO HAVE TURF AND LANDSCAPING FURNISHED AND INSTALLED AT THE EARLIEST OPPORTUNITY THEREAFTER. PROVIDE A 90-DAY YEAR WARRANTY ON NEW TURN AND LANDSCAPING. DETERMINE IF IRRIGATION SYSTEMS EXIST PRIOR TO TRENCHING AND EXCAVATION. OBTAIN RECORD OR AS-BUILT DRAWINGS AND LOCATE CONTROL WIRING AND PRESSURE MAIN BRANCHES AND DEVICES. DETERMINE BY ACTUAL OPERATION THAT SYSTEMS ARE FUNCTIONAL AND REPAIR OR REPLACE DAMAGED SYSTEMS TO THEIR ORIGINAL CONDITION PRIOR TO BEGINNING CONSTRUCTION.
14. ELECTRICAL EQUIPMENT, LIGHTING CONTACTOR, PANELBOARDS, TRANSFORMERS, ETC. SHALL BE MANUFACTURED BY SQUARE D, CUTLER-HAMMER, SIEMENS OR GE. PANELBOARDS SHALL HAVE TIN-PLATED COPPER BUS. SERIES RATING OF BREAKERS IS NOT ACCEPTABLE. TRANSFORMERS SHALL HAVE COPPER WINDINGS.
15. PROVIDE A GROUNDING SYSTEM THAT INCLUDES ALL CONNECTIONS AND THE TESTING OF GROUND RODS, GROUND CABLES, GROUND BUSES, CONDUITS, FITTINGS, ANCHOR SUPPORTS, THERMITE PROCESS MATERIALS AND EQUIPMENT AND OTHER MATERIALS REQUIRED FOR A COMPLETE INSTALLATION. GROUNDING SYSTEM SHALL BE INSTALLED AND SIZED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. MEASURE THE GROUND GRID RESISTANCE WITH THE EARTH TEST MEGGER AND INSTALL ADDITIONAL GROUND RODS AND CONDUCTORS AS REQUIRED UNTIL THE RESISTANCE TO THE GROUND CONFORMS TO NATIONAL ELECTRICAL CODE REQUIREMENTS. GROUND RESISTANCE MEASUREMENT SHALL NOT EXCEED 2 OHMS. ADD GROUND RODS AS REQUIRED TO BRING RESISTANCE TO 2 OHMS AND CONNECT TO GROUNDING SYSTEM.
16. THESE PLANS ARE SCHEMATIC, VERIFY EQUIPMENT SIZES, LOCATION AND CONDUIT ROUTING, ETC. PRIOR TO BID. CONTRACTOR SHALL VERIFY NUMBER/SIZE OF CONDUCTORS AND CONDUIT REQUIRED BASED ON EQUIPMENT BEING PROVIDED AND PROVIDE AS REQUIRED. ALL CONDUIT, CABLE, GROUNDING, ETC. SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
17. PROVIDE ALL WIRING, CONDUIT, LABOR AND MATERIALS NOT SHOWN ON PLAN, BUT NECESSARY FOR COMPLETE AND PROPER OPERATIONS OF THE ELECTRICAL SYSTEM.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THIS JOB. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO INSURE A COMPLETE WORKING SYSTEM.
19. INSTALLATION OF SWITCHES AND CONTROL DEVICES SHALL COMPLY WITH LOCAL CODES AND STATE ADA REQUIREMENT.
20. ALL ELECTRICAL EQUIPMENT, DEVICES AND CIRCUITS SHALL CONTAIN A GROUNDING CONDUCTOR. CONDUITS SYSTEM SHALL NOT BE USED AS GROUNDING NETWORK. ALL GROUNDING SHALL BE IN STRICT COMPLIANCE WITH ARTICLE NO. 250 OF THE NATIONAL ELECTRIC CODE.
21. COORDINATE LOCATION AND VERIFY REQUIREMENTS OF ALL EXTERIOR EQUIPMENT AND METER BASE WITH OWNER AND UTILITY COMPANY.
22. ALL PANELS, TRANSFORMERS AND BREAKERS SHALL HAVE ENGRAVED IDENTIFICATION LABELS.
23. CONTRACTOR IS RESPONSIBLE FOR NEC REQUIREMENT CLEARANCES AROUND AND ABOVE OF ALL ELECTRICAL EQUIPMENT AND DEVICES.
24. SHORT CIRCUIT AIC RATING OF ALL ELECTRICAL PRODUCTS SHALL BE GREATER THAN THE MAXIMUM AVAILABLE SHORT CIRCUIT CURRENT. COORDINATE WITH THE UTILITY FOR MAXIMUM AVAILABLE SHORT CIRCUIT CURRENT.
25. WIRE AND CONDUIT SIZES SHALL BE INSTALLED AND SIZED TO COMPENSATE FOR VOLTAGE DROP PER THE NEC.
26. ALL CONDUCTORS SHALL BE 98% COPPER (NO ALUMINUM CONDUCTORS WILL BE ACCEPTED).
27. ALL ELECTRICAL WIRING, VOICE/COMMUNICATION WIRING AND COAXIAL CABLES SHALL BE INSTALLED IN CONDUIT, WIREWAY OR OTHER PROTECTIVE COVE AS REQUIRED TO COMPLY WITH GOVERNING CODE.
28. CONTRACTOR SHALL PROVIDE FIRE PROOFING FOR ANY PIPES OR CONDUITS THAT PENETRATE THROUGH ANY FLOORS, WALLS, CEILINGS, ROOFS OR RUNS INSIDE OF CHASES.
29. CONTRACTOR TO PROVIDE AND INSTALL GROUNDING SYSTEM FOR EQUIPMENT, METAL FENCE, STEEL COLUMNS, ETC.

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR OR GRADE
AIC	AMPERES INTERRUPTING CAPACITY
AL OR ALUM	ALUMINUM
AMP OR A	AMPERE
AWG	AMERICAN WIRE GAUGE
C.	CONDUIT
CKT	CIRCUIT
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
CT	CURRENT TRANSFORMER
CU	COPPER
ELEV	ELEVATION
EM	EMERGENCY
ESD	EMERGENCY SHUTDOWN BUTTON
EXIST.	EXISTING
FO	FIBER OPTIC
FT	FEET
G. OR GRD	GROUND
GA.	GAUGE
GFI	GROUND FAULT INTERRUPTER
GFS	GROUND FAULT SENSING
HP	HORSEPOWER
HTR	HEATER
HZ	HERTZ
ID	INTERNAL DIAMETER
IRP	INTERPOSING RELAY PANEL
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATT
LC	LIGHTING CONTACTOR
LED	LIGH EMITTING DIODE
LGTS ON LTG	LIGHTS/LIGHTING
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MFR'S	MANUFACTURER'S
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE
MLO	MAIN LUGS ONLY
MPR	MOTOR PROTECTION RELAY
NC OR N.C.	NORMALLY CLOSED
NF	NON-FUSED
NO OR N.O.	NORMALLY OPEN OR NUMBER
OD	OUTSIDE DIAMETER
OHE	OVERHEAD ELECTRIC
P	POLE
PB	PULL BOX OR PUSH BUTTON
PC	PHOTOCELL
PH	PHASE
PLC	PROGRAMMABLE LOGIC CONTROLLER
PR.	PAIR OR PAIR CABLE
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
RC	REMOTE CONTROL
REC	CIRCUIT RECLOSURE
REQD	REQUIRED
RTU	REMOTE TERMINAL UNIT
SHLD. OR SH	SHIELD OR SHIELDED
SN OR S/N	SOLID NEUTRAL
SPD	SURGE PROTECTION DEVICE
SSRVS	SOLID STATE REDUCED VOLTAGE STARTER
SS	STAINLESS STEEL
TR.	TRIAD
TYP	TYPICAL
UG	UNDERGROUND
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	INSHIELED TWISTED PAIR CABLE
V	VOLTS
W	WITH, WIRE OR WATT
WP	WEATHERPROOF
XFMR	TRANSFORMER

PLAN SYMBOL	DESCRIPTION
D A	LIGHTING FIXTURE "A"-FIXTURE TYPE "b" -SWITCH NUMBER
——	CONDUIT, EXPOSED/SURFACE MOUNTED
- - - -	CONDUIT OR DUCTBANK, CONCEALED
——]	CONDUIT STUBBED OUT AND CAPPED
—OHE—	OVERHEAD ELECTRICAL LINE
—UGC—	UNDERGROUND ELECTRICAL LINE
—UGE—	UNDERGROUND COMMUNICATION LINE
A-1	PANEL A, CIRCUIT 1
LA-2	HOMERUN, CIRCUITS 1 AND 3 RUN TO PANEL LA
$b	SINGLE POLE SWITCH, "b" INDICATES SWITCH LEG SHALL CONTROL LIGHT FIXTURES WITH "b" DESIGNATION
$M	MANUAL MOTOR STARTER/ DISCONNECT
$3	3 WAY SWITCH
$4	4 WAY SWITCH
$TM TM	TIME SWITCH
GFI, WP	DUPLEX RECEPTACLE , 20A, 120V, 2P, 3W
F	FLOOR MOUNTED RECEPTACLE
	SIMPLEX RECEPTACLE, GROUNDED TYPE
	QUADPLEX RECEPTACLE
J J	JUNCTION BOX
PB	PULL BOX
OS	OCCUPANCY SENSOR
PC	PHOTOCELL
MH	MANHOLE
M	UTILITY METER
E	EMERGENCY SUTDOWN
	GROUND

ONE-LINE OR CONTROL	PLAN	DESCRIPTION
		PANEL
5	M	MOTOR, NUMBER DESIGNATES HORSEPOWER
A P	CB	LOW VOLTAGE CIRCUIT BREAKER, 3 POLE UNLESS OTHERWISE NOTED A - AMP TRIP, P - POLES
MCP		MOTOR CIRCUIT PROTECTOR
	T	TRANSFORMER, RATINGS, AND CONNECTIONS AS NOTED
	-	CONDUCTORS OR CONDUITS CROSSING PATHS BUT NOT CONNECTED
	-	CONDUCTORS ELECTRICALLY CONNECTED
	-	INDICATES LIMITS OF EQUIPMENT OR WIRING ENCLOSURE

NOTE:
THIS IS A STANDARD LEGEND. THEREFORE, NOT ALL OF THIS INFORMATION MAY BE USED ON THIS PROJECT.

FREESE AND NICHOLS
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Fort worth, TX 76109
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STATE OF FLORIDA — JOHN N. MURRAY — LICENSE No. 75066 — PROFESSIONAL ENGINEER — 9/24/18

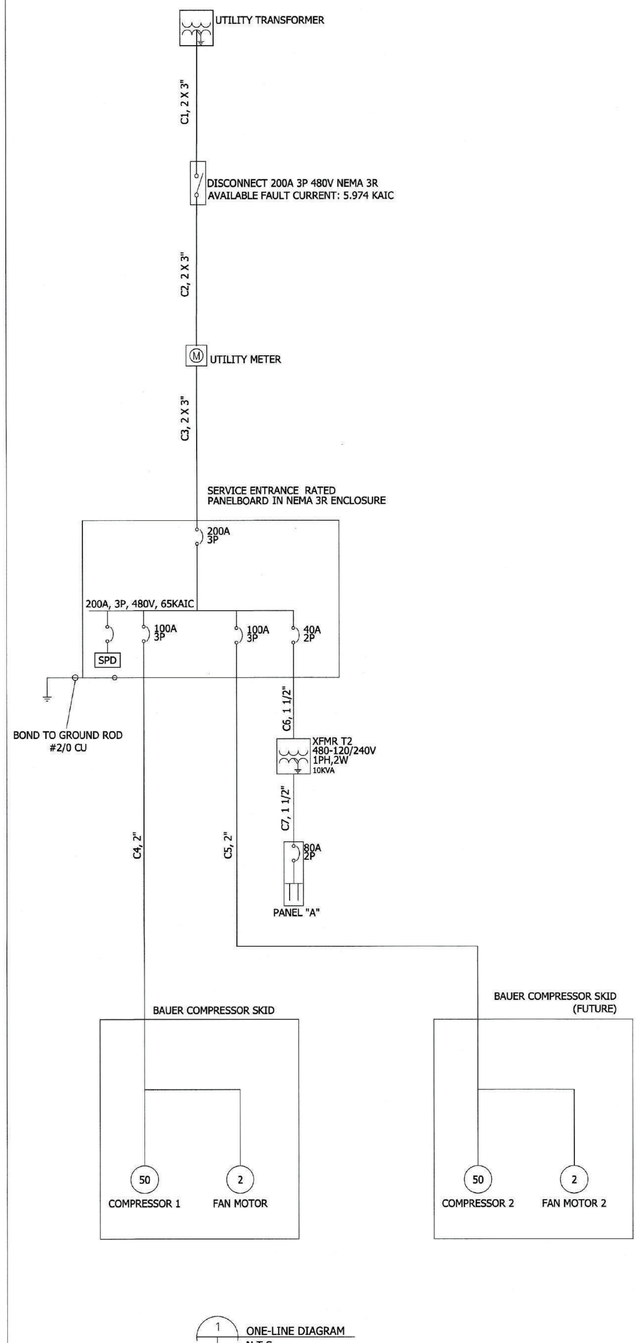
FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947
ELECTRICAL
GENERAL NOTES AND ABBREVIATIONS

JOB NO.	FPUA
DATE	9/18/18
DESIGNED	YR.
DRAWN	YR.
REVISED	-
CHECKED	
FILE NAME	FPUA

NO.	ISSUE	BY
1	CONSTRUCTION DOCUMENT	ZE
2		ZE
3		ZE
4		ZE

VERIFY SCALE
Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1"

SHEET E-1
SEQ.



1 ONE-LINE DIAGRAM
N.T.S.

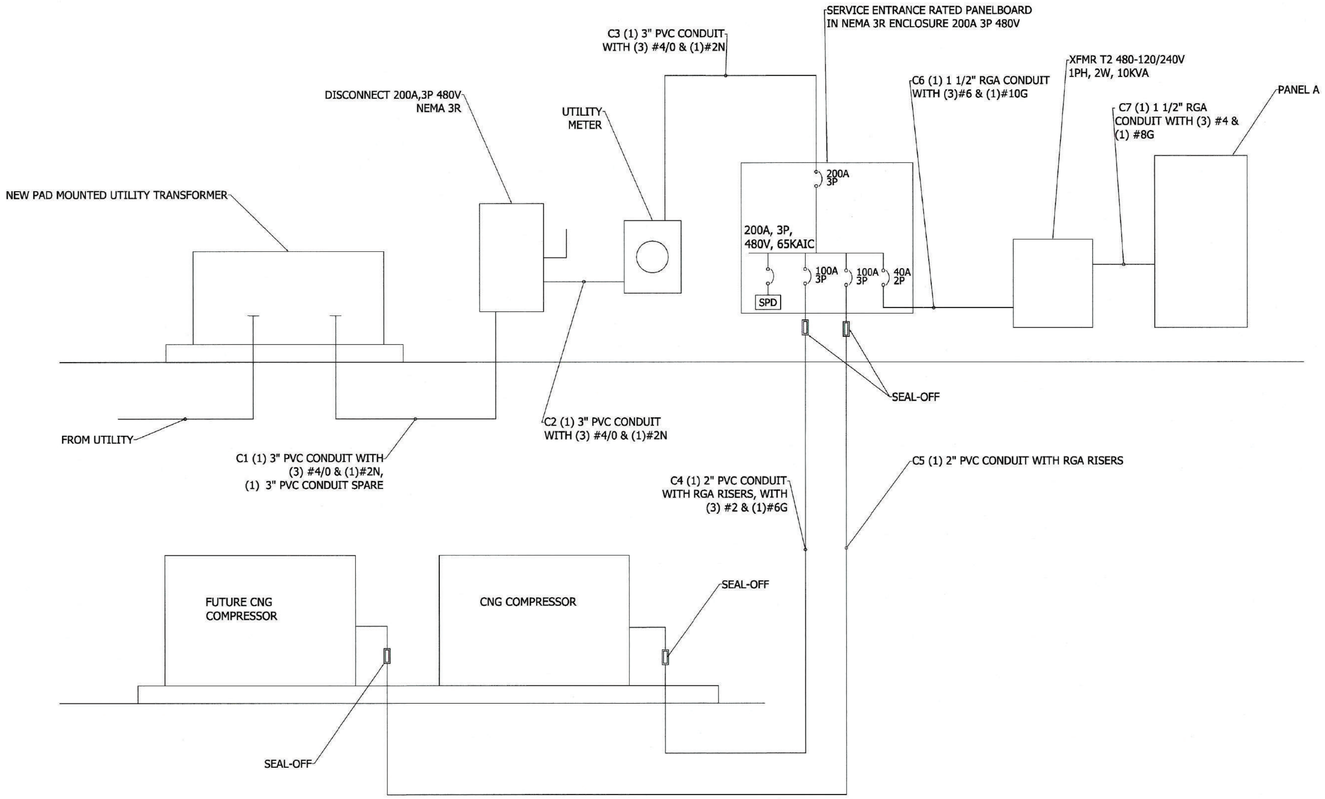
QTY	BHP	Description	FLA		FLA
1	50	COMPRESSOR 1 MOTOR	65	x 1.25	82
1	2	COMPRESSOR 1 FAN MOTOR	3.4		3.4
1	50	FUTURE COMPRESSOR 2 MOTOR	65		65
1	2	FUTUR COMPRESSOR 2 FAN MOTOR	3.4		3.4
1	10KVA	SITE 120V TRANSFORMER	21		21
				Total	174.8

2 LOAD TABLE
N.T.S.

PANEL NO: A — MAIN: 80 AMPS — LOCATION: NON-HAZARDOUS EQUIPMENT AREA
SERVICE: 120V-240V VOLTS — BUS RATING 80 AMPS — FEED FROM 40A BREAKER/TRANSFORMER T2
A.I.C. 14,000 — NEUTRAL BUS 80 AMPS

DESCRIPTION	BREAKER POLE	BREAKER AMP	VOLT AMPS A	VOLT AMPS B	CKT NO		CKT NO	VOLT AMPS A	VOLT AMPS B	BREAKER POLE	BREAKER AMP	DESCRIPTION
EQUIPMENT YARD LIGHT	1	20	600		1		2	360		1	20	COM PANEL RECEPTACLE
FUTURE DISPENSER	1	20		600	3		4		360	1	20	EQUIPMENT YARD RECEPTACLE
FUTURE CARD READER	1	20	600		5		6	500		1	20	SPARE
SPARE	1	20		500	7		8					SPACE
SPACE					9		10					SPACE
SPACE					11		12					SPACE
SPACE					13		14					SPACE
SPACE					15		16					SPACE
SPACE					17		18					SPACE
SPACE					19		20					SPACE
CONNECTED BUS A 2,060 VA			1200	1100				860	360			DEMAND KVA: 3.5
CONNECTED BUS B 1,460 VA				TOTAL: 3520 VA								DEMAND AMPS: 29.3

3 PANEL A SCHEDULE
N.T.S.



3 ELECTRICAL RISER
N.T.S.

FREESE AND NICHOLS
Freese and Nichols, INC
4055 International Plaza #200,
Fort worth, TX 76109
Phone:817-881-5820

JOHN M. HENLEY
LICENSED PROFESSIONAL ENGINEER
No. 75066
STATE OF FLORIDA
9/20/18

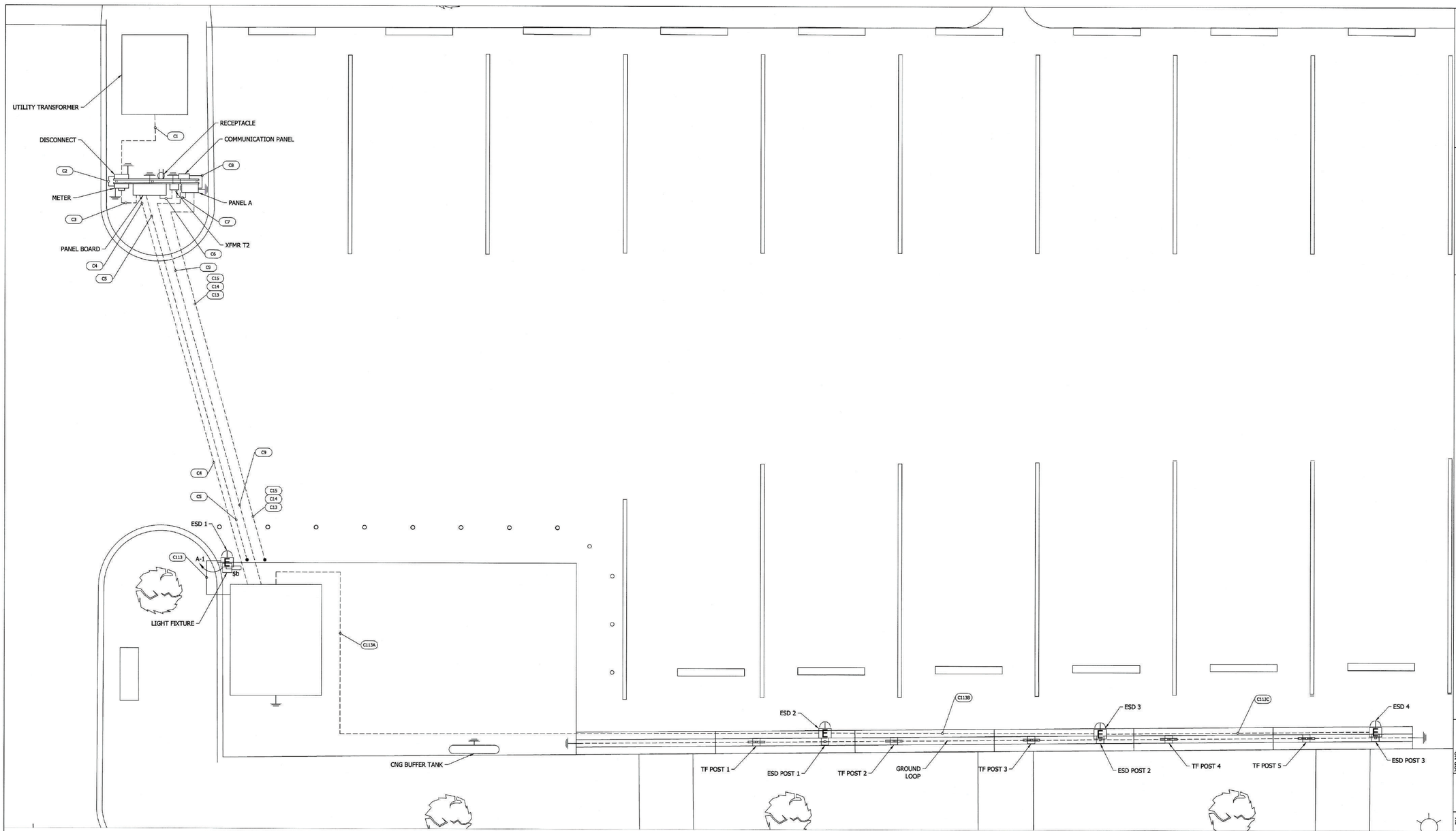
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FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947
ELECTRICAL
ONE-LINE DIAGRAM

NO.	ISSUE	BY	JOB NO. FPUA
1	CONSTRUCTION DOCUMENT	ZE	DATE 9/18/18
2		ZE	DESIGNED YR
3		ZE	DRAWN YR
4		ZE	REVISED -
			CHECKED
			FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
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SHEET E-2
SEQ.



GENERAL NOTES

1. ALL GROUNDING SHALL BE #2CU OR LARGER.
2. INCOMING SERVICE EQUIPMENT ALL OTHER ELECTRICAL EQUIPMENT MOUNTING RACK SHALL BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
3. PROVIDE CONDUIT SEAL OFFS ON ALL CONDUITS (ON BOTH ENDS OF THE CONDUITS) BETWEEN HAZARDOUS AND NON HAZARDOUS AREAS.
4. EMERGENCY SHUT-DOWN MUST DISCONNECT ALL CIRCUITS LEADING TO AND THROUGH DISPENSING EQUIPMENT INCLUDING POWER AND COMMUNICATION CIRCUITS.
5. BOND CONDUITS AND METAL ACCORDING TO NEC 501.30
6. CONTRACTOR SHALL PROVIDE PULL BOXES AS REQUIRED PER THE NATIONAL ELECTRICAL CODE.
7. COORDINATE WITH ELECTRICAL UTILITY FOR CONDUITS TERMINATIONS.
8. PROVIDE EQUIPMENT AREA LIGHT FIXTURE 2 FOR CLASS I DIV 2 HAZARDOUS AREA, AS MANUFACTURED BY COOPER CROUSE -HINDS MODEL NUMBER VMV-F-P-084/UNV-S826. PROVIDE 10' STRAIGHT STEEL POLE. POLE SHALL HAVE 140MPH EPA RATING MINIMUM, WITH FIXTURE. CONTRACTOR RESPONSIBLE FOR PROVIDING ALL MOUNTING HARDWARE AS REQUIRED.
9. LIGHT FIXTURE SWITCH SHALL BE RATED FOR CLASS I DIV 2 HAZARDOUS AREA AND SHALL BE MOUNTED ON LIGHT POLE.
10. REFER TO SHEET E-6 FOR CONDUITS AND WIRES SCHEDULE.
11. AN 18" SEPERATION BETWEEN ETHERNET CCONDUIT AND POWER CONDUITS TO AVOID INTERFERENCE.

0 2 4 8
SCALE: 1/4" = 1'-0"

LEGEND

– – – ELECTRICAL CONDUIT

FREESE AND NICHOLS
Freese and Nichols, INC
4055 International Plaza #200,
Fort worth, TX 76109
Phone: 817-881-5820

STATE OF FLORIDA PROFESSIONAL ENGINEER No. 75066 — 9/20/18

ZEIT ENERGY
ZEIT ENERGY LLC
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FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 S 37TH STREET FORT PIERCE FL, 34947

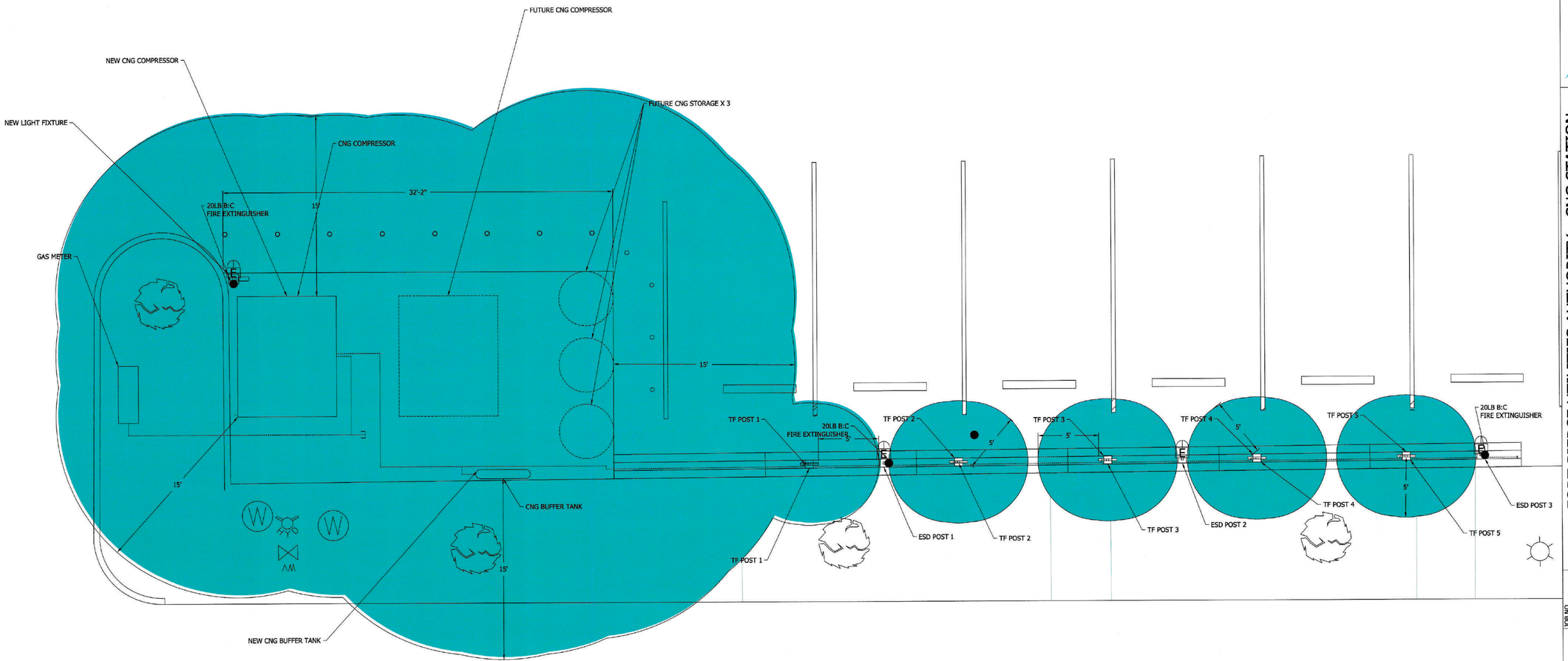
ELECTRICAL SITE PLAN

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1	CONSTRUCTION DOCUMENT	ZE
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SHEET E-3
SEQ.



LEGEND

HAZARDOUS AREA CLASS I DIV 2

1 HAZARDOUS AREA PLAN
1/4" = 1'-0"

0 2 4 8
SCALE: 1/4" = 1'-0"

FREESE AND NICHOLS
Freese and Nichols, INC
4055 International Plaza #200,
Fort worth, TX 76109
Phone: 817-881-5820

9/24/18
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 75066

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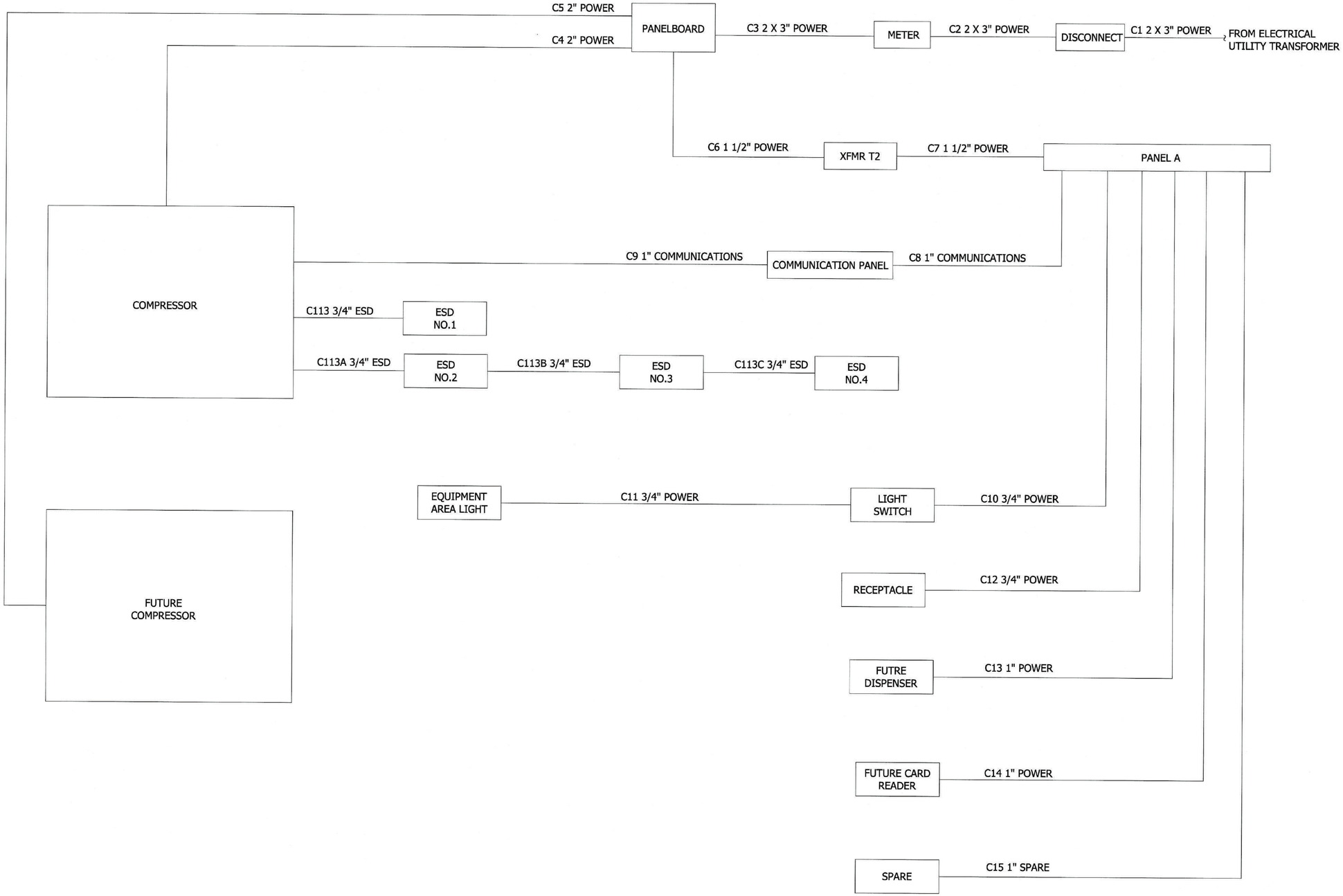
ELECTRICAL
HAZARDOUS AREAS PLAN

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FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947
ELECTRICAL
INTERCONNECTION DIAGRAM

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0" 1"

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CONDUIT	CONDUIT SIZE	FROM	TO	COMMENT
C1	2 X 3" PVC	UTILITY TRANSFORMER	DISCONNECT	1 CONDUIT AS SPARE
C2	2 X 3" PVC	DISCONNECT	METER	1 CONDUIT AS SPARE
C3	2 X 3" PVC	METER	PANELBOARD	1 CONDUIT AS SPARE
C4	2" PVC WITH RGA RISER	PANELBOARD	CNG COMPRESSOR	
C5	2" PVC WITH RGA RISER	PANELBOARD	CONDUIT SHALL BE CAPPED AT EQUIPMENT PAD	FUTURE CNG COMPRESSOR
C6	1 1/2" RGA	PANELBOARD	TRANSFORMER T2	
C7	1 1/2" RGA	TRANSFORMER T2	PANEL A	
C8	1" RGA	PANEL A	COMMUNICATION PANEL	
C9	1 RGA	COMMUNICATION PANEL	CNG COMPRESSOR	
C10	3/4" PVC WITH RGA RISERS	PANEL A	LIGHT SWITCH	
C11	3/4" RGA	LIGHT SWITCH	LIGHT FIXTURE	
C12	3/4" RGA	PANEL A	RECEPTACLE	
C13	1" RGA	PANEL A	CONDUIT SHALL BE CAPPED AT EQUIPMENT PAD	FUTURE CNG DISPENSER
C14	1" RGA	PANEL A	CONDUIT SHALL BE CAPPED AT EQUIPMENT PAD	FUTURE CARD READER
C15	1" RGA	PANEL A	CONDUIT SHALL BE CAPPED AT EQUIPMENT PAD	SPARE CONDUIT
C113	3/4" RGA	CNG COMPRESSOR	ESD 1	
C113A	3/4" RGA	CNG COMPRESSOR	ESD 2	
C113B	3/4" RGA	ESD 2	ESD 3	
C113C	3/4" RGA	ESD 3	ESD 4	

CONDUCTOR	FROM	TO	COUNDUIT ROUTING	CONDUCTOR TYPE	DESCRIPTION
3 #4/0, #2N	UTILITY TRANSFORMER	DISCONNECT	C1	POWER	DISCONNECT POWER
3 #4/0, #2N	DISCONNECT	METER	C2	POWER	METER POWER
3 #4/0, #2N	METER	PANELBOARD	C3	POWER	PANELBOARD POWER
3 #2, #6G	PANELBOARD	CNG COMPRESSOR	C4	POWER	COMPRESSOR MOTOR POWER
3 #6, #10G	PANELBOARD	TRANSFORMER T2	C6	POWER	TRANSFORMER T2 POWER
3 #4, #8G	TRANSFORMER T2	PANEL A	C7	POWER	PANEL A POWER
2 #12, #12G	PANEL A	COMMUNICATION PANEL	C8	POWER	ROUTER POWER
CAT 5	COMMUNICATION PANEL	CNG COMPRESSOR	C9	COMMUNICATIONS	INTERNET
2 #12, #12G	PANEL A	LIGHT SWITCH	C10	POWER	LIGHT SWITCH POWER
2 #12, #12G	LIGHT SWITCH	LIGHT FIXTURE	C11	POWER	LIGHT FIXTURE POWER
2 #12, #12G	PANEL A	RECEPTACLE	C12	POWER	RECEPTACLE POWER
2 #14, #14G	CNG COMPRESSOR	ESD 1	C113	ESD	ESD 1 POWER
2 #14, #14G	CNG COMPRESSOR	ESD 2	C113A	ESD	ESD 2 POWER
2 #14, #14G	ESD 2	ESD 3	C113B	ESD	ESD 3 POWER
2 #14, #14G	ESD 3	ESD 4	C113C	ESD	ESD 4 POWER

NOTE:
10% SPARES MUST BE INCLUDED AND CLEARLY LABELED IN CONDUIT RUNS WHENEVER POSSIBLE

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JEFFREY N. HENDRICKS LICENSE No. 75066 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/20/18

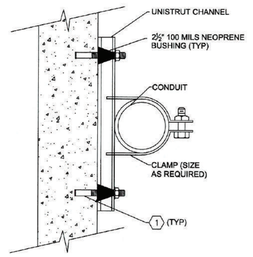
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1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947
ELECTRICAL
CONDUIT AND CABLE SCHEDULE

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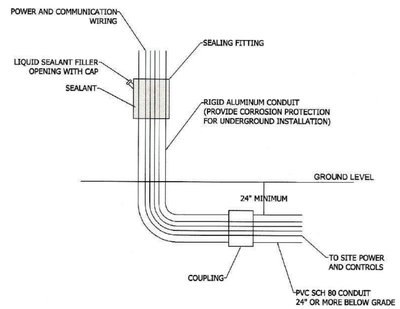
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0 1"

SHEET E-6
SEQ.

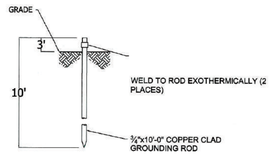


NOTES BY SYMBOL (1)
1. ½" DIAMETER GALVANIZED STEEL ANCHOR WITH ADHESIVE SYSTEM FOR HOLLOW OR SOLID CMU. SIMPSON ACRYLIC-TIE OR EQUAL.

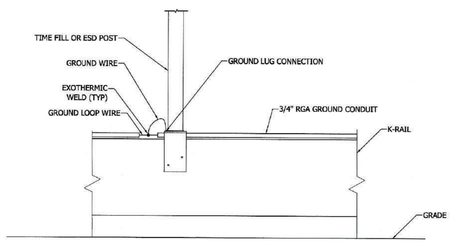
201 GROUND OR WALL EXPOSED CONDUIT INSTALLATION
N.T.S.



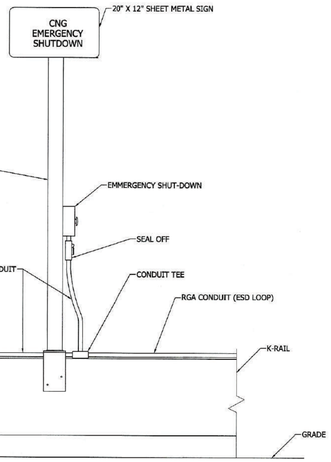
201 UNDERGROUND CONDUIT SEAL-OFF
N.T.S.



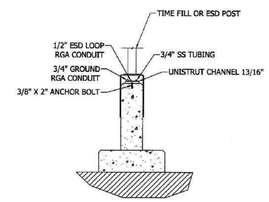
202 GROUNDING/GROUND ROD DETAIL
N.T.S.



203 TIME FILL/ESD POST GROUNDING
N.T.S.



204 ESD LOOP DETAIL CONCRETE WALL INSTALLATION
N.T.S.



205 TIME FILL/ESD POST CONCRETE WALL INSTALLATION SECTION VIEW
N.T.S.

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9/12/18

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DETAILS

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SHEET E-7
SEQ.

GENERAL NOTES:

1. COORDINATE WORK WITH LOCAL UTILITY COMPANY(S) TO FACILITATE INSTALLATION OF NEW SERVICE. PROVIDE ANY NECESSARY PADS OR BARRIERS AS REQUIRED BY UTILITY COMPANY STANDARD AND LOCAL ORDINANCES.

2. ALL BELOW GROUND CARBON STEEL LINES SHALL BE PVC COATED OR COATED AND MACHINE WRAPPED, AND CATHODICALLY PROTECTED IN ACCORDANCE WITH AGA STANDARDS, NACE STD RP0169 AND LOCAL UTILITY COMPANY REQUIREMENTS, AND SHALL BE ELECTRICALLY ISOLATED USING LISTED DI-ELECTRIC UNIONS OR FLANGE KITS. ALL ABOVE GROUND NATURAL GAS LINES SHALL BE CLEANED, PRIMED AND PAINTED GRAY. CATHODIC PROTECTION SYSTEM SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

3. BURIED PORTIONS OF STAINLESS STEEL TUBING RUNS, IF USED, SHALL BE INSTALLED INSIDE A CONTINUOUS PVC CONDUIT OR SIMILAR SLEEVES. ALL UNDERGROUND CNG TUBING SHALL BE CONTINUOUS WITH NO BURIED OR INACCESSIBLE MECHANICAL JOINTS, FITTINGS OR CONNECTIONS. PARALLEL TUBE RUNS MAY BE INSTALLED WITHIN A COMMON LINER WHERE APPLICABLE..

4. VENT PIPING SHIPPED LOOSE WITH COMPRESSOR SKID. PRIME AND PAINT BLACK. PROVIDE RAIN CAP OR SOCK TO PREVENT WATER INTRUSION.

5. VENT STACKS SIZED TO BE EQUAL TO, OR EXCEED, SUM OF CROSS SECTIONAL AREA OF DISCHARGE OF ALL RELIEF VALVES SERVED. TERMINATE WITH VENT CAP OR SOCK AT 10' A.G.L.. PROVIDE WEEP HOLE OR DRAIN VALVE AT BASE OF STACK TO PREVENT ACCUMULATION OF WATER IN STACK. PAINT STACK BLACK, PAINT SHALL BE A MINIMUM OF 2 COATS OF WEATHERPROOF ENAMEL.

6. LOCKABLE SERVICE VALVES PROVIDED BY VENDOR ON INLET AND OUTLET OF EACH CNG STORAGE VESSEL. PADLOCKS WILL BE PROVIDED BY OWNER.

7. CONTRACTOR SHALL PROVIDE PVC PIPE SLEEVES FOR ALL METAL .

8. WHERE APPLICABLE, PROVIDE LONG RADIUS BENDS FOR BELOW GRADE 316 SS TUBING IN LIEU OF FITTINGS.

9. PIPE UNIONS, VALVES, COUPLINGS OR SIMILAR FITTINGS SHALL NOT BE BURIED NOR INACCESSIBLE FOR TESTING AND INSPECTION.

10. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS. ALL PIPING ABOVE GRADE SHALL BE LABELED WITH THE NAME OF THE MATERIALS CONVEYED AND WITH DIRECTIONAL FLOW ARROWS.

11. ALL EXPOSED CARBON STEEL GAS PIPING SHALL BE PRIMED AND PAINTED.

12. ALL PIPE AND TUBING WELDING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE NATIONAL FUEL GAS CODE AND ANSI B31.3 AND SHALL BE PERFORMED BY CERTIFIED PIPE WELDERS. PROVIDE PROOF OF CERTIFICATION AND WELDING PROCEDURES FOR REVIEW PRIOR TO COMMENCEMENT OF WORK.

DESIGN CONDITIONS

A. THIS CNG STATION HAS BEEN DESIGNED WITH THE FOLLOWING PRESSURE AND TEMPERATURE PARAMETERS.
   OPERATING PRESSURE: 4500 psig
   DESIGN PRESSURE: 5000 psig
   DESIGN TEMPERATURE: 20 TO 110 DEG F

PIPE SPECIFICATIONS

A. NATURAL GAS ABOVE AND BELOW GRADE
   1. CARBON STEEL: ASTM 106 GRADE B SCHEDULE 80 BLACK.
      a. ALL FITTINGS : 2 " AND UNDER - CARBON STEEL, SOCKET WELD OR SCREWED.
         GREATER THAN 2" - CARBON STEEL, BUTT WELD.

B. COMPRESSED NATURAL GAS (CNG) TUBING
TUBING(SST)- SEAMLESS, BRIGHT ANNEALED TUBE FOR GENERAL SERVICE CONFORMING TO THE REQUIREMENTS OF ROCKWELL 80 ASTM SA-213, FOR GRADES TP 304 OR TP 316 MATERIAL HAVING A MINIMUM ULTIMATE TENSILE STRENGTH OF 75,000 PSI. TUBING SHALL BE COLD FINISHED AND FREE OF SCRATCHES. ALL TUBING IS SIZED ACCORDING TO THE MAXIMUM EXPECTED FLOW RATE AND MUST BE INSTALLED PER THE DRAWINGS. NO TUBING WITH OTHER THAN THE MINIMUM WALL THICKNESS REQUIRED IS TO BE USED WITHOUT THE APPROVAL OF THE OWNER. THE INTERNAL AND EXTERNAL SURFACES OF THE TUBING SHALL BE PROVIDED WITH ADEQUATE PROTECTION FROM CORROSION AND ABRASION DURING NORMAL HANDLING AND STORAGE. THE MANUFACTURER OR VENDOR SHALL BE PREPARED TO CERTIFY THAT ALL TUBING CONFORMS TO THE REQUIREMENTS OF THIS SPECIFICATION AND SHALL PROVIDE FORMAL MILL CERTIFICATE FOR EACH LOT.
ALL UNDERGROUND TUBING SHALL BE CONTINUOUS WITH NO INTERMEDIATE JOINTS FITTINGS OR UNIONS THAT ARE INACCESSIBLE AND SHALL BE INSTALLED INSIDE A BURIED PLASTIC PIPE OR PVC CONDUIT SLEEVE.

SLEEVE (FOR BURIED TUBING): PVC OR PLP(POLYETHYLENE) PIPE.
ALL PIPES MUST BE BURIED NO LESS THAN 18" BELOW GRADE PER NFPA 52 REQUIREMENTS.

TESTING

1. INSTALLED SS TUBING SHALL BE PRESSURE TESTED WITH NITROGEN AT 4500 PSI. TEST MUST RUN FOR AT LEAST 30 MIN.
2. CARBON STEEL INLET SHALL BE TESTED AT 1.5 MAWP. AIR IS ACCEPTABLE AS MEDIUM FOR TEST. TEST MUST RUN FOR AT LEAST 30 MIN.
3. CONTRACTOR SHALL USE AN APPROVED LEAK DETECTION SOLUTION TO TEST ALL PIPE FITTINGS AND CONNECTIONS DURING TESTING AND AT START-UP.

PURGING AND PRESSURIZING

1. ALL PURGING AND PRESSURIZING SHALL BE DONE BY CONTRACTOR AND OBSERVED BY THE OWNER OR DESIGNATED REPRESENTATIVE.
2. PRIOR TO PRESSURIZING THE SYSTEM WITH NATURAL GAS, THE ESD SYSTEM MUST BE OPERATIONAL. NATURAL GAS SHALL NOT BE INTRODUCED INTO THE SYSTEM WITHOUT PRIOR AUTHORIZATION FROM THE OWNER. ALL AIR SHALL BE PURGED FROM THE ENTIRE SYSTEM TO THE SATISFACTION OF THE OWNER AND IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS PRIOR TO PRESSURIZING THE SYSTEM.
3. PRIOR TO NATURAL GAS BEING INTRODUCED INTO ANY PIPING SYSTEM, ALL FABRICATION, TESTING AND WORK REQUIRING FLAME OR SPARKING DEVICES SHALL BE COMPLETE. AFTER NATURAL GAS HAS BEEN INTRODUCED, THE OWNER SHALL DO WELDING OR OTHER WORK, WHICH COULD IGNITE NATURAL GAS VAPORS, ONLY UPON AUTHORIZATION.
4. ONCE THE SYSTEM IS PRESSURIZED (TO FULL OPERATING PRESSURE) ALL VALVES, WELDS, JOINTS AND FITTINGS SHALL BE LEAK TESTED AT FULL OPERATING PRESSURE.
5. FINAL LEAK TEST SHALL BE WITNESSED BY OWNER.

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LICENSED PROFESSIONAL ENGINEER
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PROFESSIONAL ENGINEER
9/11/2018

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CNG | Natural Gas

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FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947

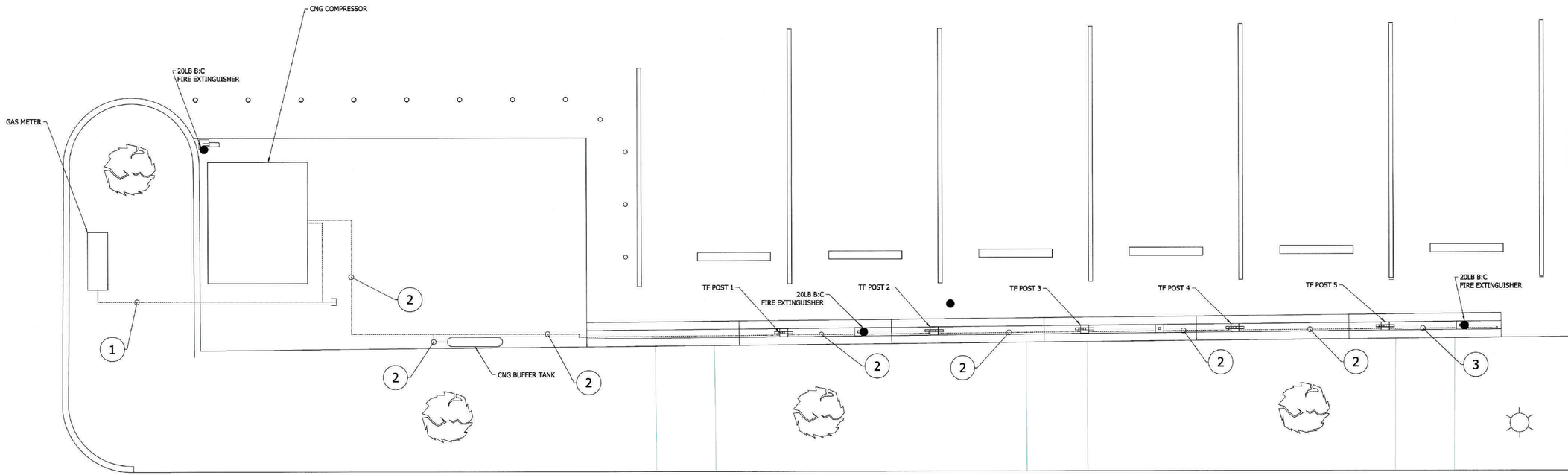
MECHANICAL
GENERAL NOTES

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0 1"

SHEET M-1
SEQ.



GENERAL NOTES

- ALL EXISTING PIPING AND TUBING TO EXISTING EQUIPMENT SHALL REMAIN AND IS NOT PART OF THE SCOPE OF THIS PROJECT, UNLESS OTHERWISE NOTED.
- COMPRESSOR SCFM: 75
- AVAILABLE MAX GAS PRESSURE AT THE UTILITY METER: 45 PSI

NOTES BY SYMBOL "◯"

1. 2" CARBON STEEL SCH 40 INLET GAS LINE ABOVE GROUND FROM GAS METER TO CNG COMPRESSOR

2. 1/2" SS TUBING, 0.083 W.T. ABOVE GROUND FROM CNG COMPRESSOR TO TF POSTS AND CNG BUFFER TANK

3. RUN 1/2" SS TUBING, 0.083 W.T. ABOVE GROUND TO END OF K-RAIL AND CAP. TO BE USED FOR FUTURE ADDITION

— — — NEW PIPING/TUBING

SCALE: 1/4" = 1'-0"

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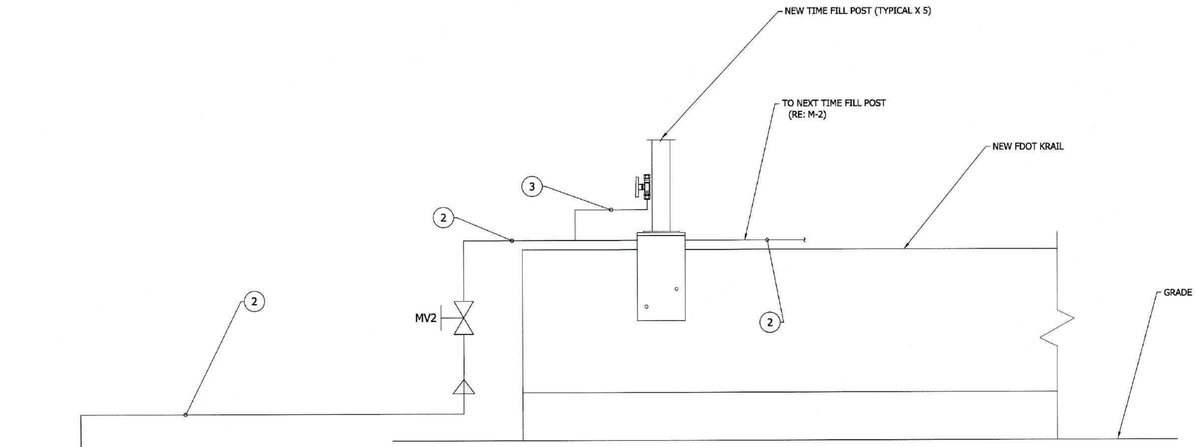
MECHANICAL
SITE PLAN

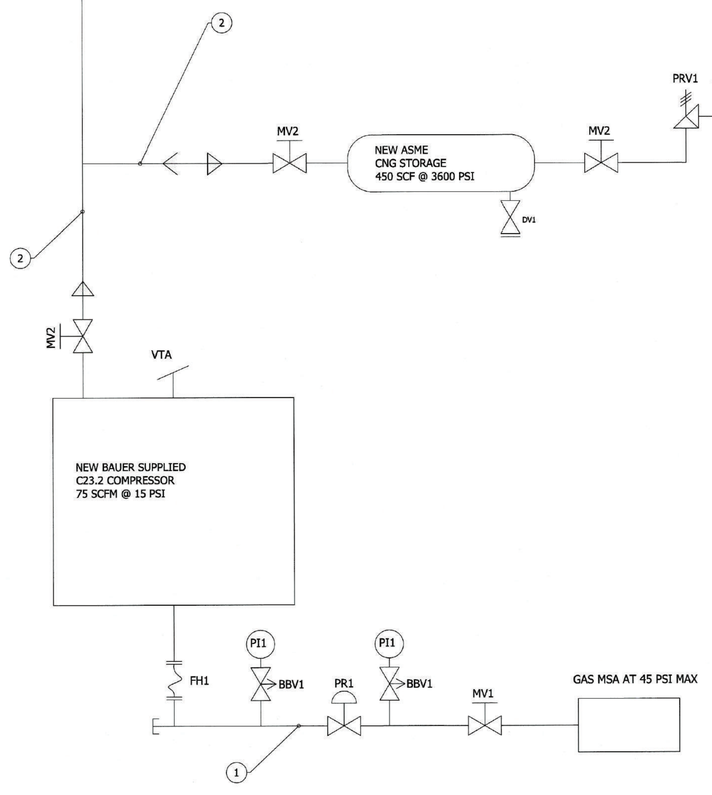
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SHEET M-2
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INLET PIPING GENERAL NOTES:

1. INLET PIPING FOR NATURAL GAS AT 45 PSI WORKING PRESSURE AND AMBIENT TEMPERATURE.
2. FIELD VERIFY QUANTITIES AND LENGTHS.
3. ALL MANUAL SHUT-OFF VALVES SHALL BE QUARTER TURN VALVES.
4. PROVIDE GASKET AS MANUFACTURED BY FLEXITALLIC.
5. FLANGE CONNECTIONS TO BE RATED FOR 55 PSI AND AMBIENT TEMPERATURE.
6. ALL ABOVE GROUND CARBON STEEL PIPING SHALL BE SUPPORTED ON BOTH SIDES OF UNIONS, AT EVERY CHANGE OF DIRECTION AND EVERY 10' OF RUN.

LEGEND	
SYMBOL	DESCRIPTION
▷	DIRECTION OF FLOW
	CHECK VALVE
	SHUT-OFF BALL VALVE
	PRESSURE RELIEVE VALVE
	VENT TO AIR (VTA)
	BLEED BLOCK VALVE
	DRAIN VALVE
Ⓡ	METER /REGULATOR
	STRAINER Y-TYPE
	PRESSURE REGULATOR
	GAS ACTUATED VALVE
	FLANGED CONNECTION
	FLEX CONNECTOR
	CONE STRAINER
	GAUGE
	REDUCER FITTING
MSA	METR SET ASSEMBLY
SS	STAINLESS STEEL
	PIPE CAP

PIPE AND TUBING SCHEDULE

ITEM NO	DESCRIPTION	MATERIAL TYPE	NOMINAL SIZE (IN)	APPROX LENGTH (FT)	PROVIDER
1	PIPE, SCH 40	CARBON STEEL	2	40	CONTRACTOR
2	TUBE, .083 W.T.	316SS	½	200	CONTRACTOR
3	TUBE, .065 W.T.	316SS	⅜	40	CONTRACTOR

VALVE AND INSTRUMENT SCHEDULE

ID NO.	SIZE (IN)	MATERIAL	DESCRIPTION	QTY	PROVIDER
FH1	2	SS	BRAIDED FLEX CONNECTOR, ANSI 150 SERIES	1	CONTRACTOR
MV1	2	CS	SHUT-OFF VALVE, CLASS 150	1	CONTRACTOR
MV2	1/2	SS	BALL VALVE 6000 PSI RATED, FNPT CONNECTION	4	CONTRACTOR
BBV1	1/4	SS	BLEED BLOCK VALVE, MNPT/FNPT CONNECTIONS	2	CONTRACTOR
DV1	1/4	SS	DRAIN NEEDLE VALVE 6000 PSI RATED, FNPT CONNECTION	1	CONTRACTOR
PI1	1	SS	PRESSURE GAUGE 2-1/2, LF(0-100)	2	CONTRACTOR
PR1	2	CAST IRON	PRESSURE REGULATOR VALVE, SET AT 15 PSI	1	CONTRACTOR
PRV1	1	CS	PRESSURE RELIEF VALVE, SET @ 5500 PSI	1	CONTRACTOR

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JEFFERSON S. LIMMOND No. 75048 STATE OF FLORIDA PROFESSIONAL ENGINEER 1/9/2019

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 S 37TH STREET FORT PIERCE FL, 34947

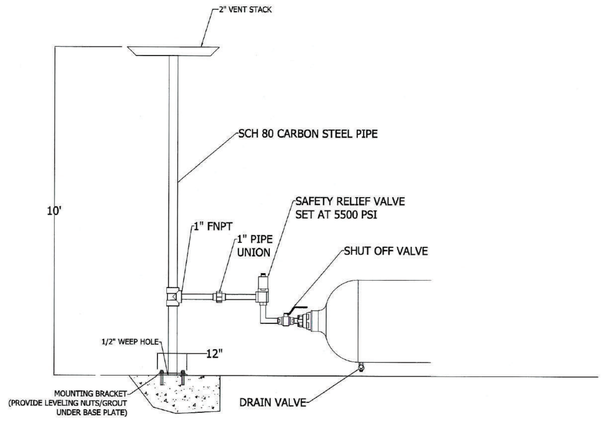
MECHANICAL
P&ID

NO.	ISSUE	BY	DATE
1	CONSTRUCTION DOCUMENT	ZE	
2		ZE	
3		ZE	
4		ZE	

JOB NO. FPUA
DATE 9/18/18
DESIGNED YR
DRAWN YR
REVISED
CHECKED
FILE NAME FPUA

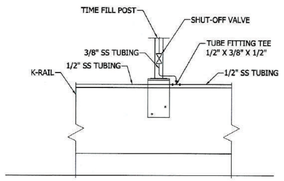
VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1

SHEET M-3
SEQ.

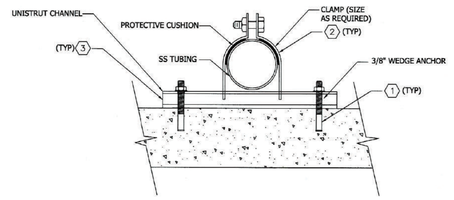


NOTES:
1. ISOLATION VALVE MUST BE LOCKED IN THE OPEN POSITION.
2. RELIEF ASSEMBLY TO BE FACTORY ASSEMBLED.

309 STORAGE VENT STACK DETAIL
N.T.S.



4 TIME FILL POST CONNECTION
N.T.S.



NOTES BY SYMBOL
1. 3/8" X 2" DIAMETER CADMIUM ANCHOR BOLT. (PROVIDED BY ZEIT ENERGY)
2. MILD STEEL HYDRA-ZORB CUSHION CLAMPS OR EQUIVALENT. (PROVIDED BY ZEIT ENERGY)
3. MILD STEEL 1 5/8" WIDE 13/16" HIGH ANCHOR CHANNEL. (PROVIDED BY ZEIT ENERGY)

302 ABOVE GROUND
TUBING INSTALLATION
N.T.S.

FREESE AND NICHOLS
Freese and Nichols, INC
4055 International Plaza #200,
Fort worth, TX 76109
Phone:817-881-5820

ZEIT ENERGY
ZEIT ENERGY LLC
1717 MCKINNEY AVE, STE 700
DALLAS, TX 75240
Phone: 214 773 5394
Fax: 214 593 3344

JEFFERSON S. HAMMOND 75048 STATE OF FLORIDA PROFESSIONAL ENGINEER 9/19/2018

FORT PIERCE UTILITIES AUTHORITY - CNG STATION
1701 SOUTH 37TH STREET, FORT PIERCE, FL 34947

MECHANICAL
DETAILS

NO.	ISSUE	BY
1	CONSTRUCTION DOCUMENT	ZE
2		ZE
3		ZE
4		ZE

JOB NO. FPUA
DATE 9/18/18
DESIGNED YR
DRAWN YR
REVISED -
CHECKED
FILE NAME FPUA

VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.
0 1"

SHEET M-4
SEQ.

City Commission Regular Meeting **11.d.**

Meeting Date: 10/15/2018

Re: Holiday Lighting for Marina Square

Submitted For: Mike Reals, Public Works Manager, Public Works

---

SUBJECT:

Approval to install holiday lighting at Marina Square by Lighting by Design, Wellington Florida in the amount of $52,309.00 per year / three (3) years (156,927.00 total).

SUMMARY:

The Public Works Department is seeking approval to proceed with this installation of the holiday lights at Marina Square.
The invitation was sent to 322 vendors. Three (3) vendors requested specifications with one (1) responding (33.33%) plus 0 "No Bid" (33.33% total response)

Lighting by Design purchased the holiday lighting division from Let There Be Lights, Inc. Let There be Lights has been the only contractor to install the holiday lights at Marina Square.

$50,000.00 has been budgeted for holiday decorations in the FY19 budget. Approval of this agreement will utilize all of the budgeted funds and will require additional funding to fulfill this contract.

RECOMMENDATION:

The Public Works Department is recommending approval for Lighting By Design to provide Holiday lighting for Marina Square.

ALTERNATIVES:

Staff will proceed as directed by the Commission.

RESPONSIBLE STAFF:

Public Works Department

COORDINATED WITH:

Finance & Purchasing Departments

Fiscal Impact

Budgeted Y/N:	Y
Fiscal Year:	2019
Account:	00160005138392
Amount:	$52309.00

FISCAL IMPACT:

$50,000.00 has been budgeted for the Holiday lighting at Marina Square. Additional funding will need to be sought to fulfill this contract.

Attachments

Holiday lighting

Form Review

Inbox	Reviewed By	Date
Finance Department	Johnna Morris	10/08/2018 01:52 PM
City Manager	Nick Mimms	10/08/2018 03:54 PM
Form Started By: Kay Czarnecki		Started On: 10/03/2018 07:25 AM
Final Approval Date: 10/08/2018		

September 12, 2018

CITY OF FORT PIERCE

HOLIDAY LIGHTING FOR MARINA SQUARE

BID NO. 2018-050

ADDENDUM NO. 1

The purpose of this addendum is to extend the bid due date from 3:00 P.M. Thursday, September 13, 2018 to:

3:00 P.M., THURSDAY, SEPTEMBER 20, 2018

All other conditions of this bid remain the same.

Please acknowledge receipt of this addendum and include it with your submittal.

Signature: _____
Manual

Signature: John Noll
Typed or Printed

Company Name: John Noll LLC dba Ligting By Design

Address: 1922 Grantham Court

Wellington, FL 33414

Date: 9/18/2018

/gc

DELIVER TO: City of Fort Pierce Purchasing Division, Room 101 100 North U.S. #1 Fort Pierce, FL 34950 MAIL TO: City of Fort Pierce P.O. Box 1480 Fort Pierce, FL 34954-1480 Attn: Purchasing Division, Room 101	**INVITATION TO BID** **and** **BIDDER ACKNOWLEDGMENT**
Bid Writer: Latonya Hubbard, (772) 467-3748	Bid No: 2018-050
Mandatory Pre-Bid Conference: N/A	Bid Title: HOLIDAY LIGHTING FOR MARINA SQUARE
Mandatory Pre-Bid Conference Location: N/A	Bid Opening Location: City of Ft. Pierce Purchasing Div. 100 North U.S. #1, 1st Floor Ft. Pierce, Florida 34950
Bid Due Date & Time: 3:00 PM, THURSDAY, SEPTEMBER 13, 2018	If you need any reasonable accommodation for any type of disability in order to participate in this procurement, please contact this department as soon as possible.
Bidder Name: John Noll LLC dba Lighting by Design Mailing Address: 1922 Grantham Court	*I hereby certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder.* X _____ Authorized Signature (Manual)
City, State, Zip Code: Wellington, FL 33414	Typed or Printed Name: John Noll
Type of Entity (Circle One): (Corporation) Partnership Proprietorship	Title: President
Incorporated in the State of: Florida Year: 2014	Delivery in _____ days, ARO
Phone Number: 561-714-4233	Payment Terms: Net 30 Days
Fax Number:	FEIN or SS Number: 47-1380140
E-Mail Address: john@johnnoll.com	Local Business: ___Y X N MWBE: ___Y X N
Bid Security is attached, when required, in the amount of $ _____ F.O.B. DESTINATION	If returning as a "No Bid" state reason:
THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR BID	

BID RESPONSE FORM

Bid Item	HOLIDAY LIGHTING FOR MARINA SQUARE		
Bid Number	2018-050	Due Date & Time	3:00 pm, Thursday September 20, 2018

The offeror agrees to furnish the following items or services to the City of Fort Pierce at the place specified, in accordance with specifications herein at the prices quoted below:

Lump Sum Total $ $156,927.00 for 3 years ((52,309.00 per year 2018,2019,2020)

PURCHASING CARD PROGRAM

(Please Check One)

- Do you accept the Purchasing Card (Visa)? ☐ Yes ☒ No

  Percentage of discount off bid price when payment is made with Visa: _____

The Bidder hereby acknowledges receipt of the following addenda:

ADDENDUM NO.	ADDENDUM DATE
1	9/12/2018

Vendor: John Noll LLC dba Lighting by Design

Address: 1922 Grantham Court

City, State, Zip Code: Wellington, FL 33414

Email Address: john@johnnoll.com

Typed Name, Title: John Noll, President

Signature _____ Date 9/18/18

Telephone # 561-714-4233 Fax # _____

(*Please include Remit to address if different than address stated above)

Remit To: _____

_____

Check block below for applicable minority indicator:

Asian Indian ☐ Black ☐ Asian Pacific ☐ Hispanic ☐ Native Americ ☐

Small Business ☐ Women Owned ☐ Small Disadvantage Business ☐

Form **W-9**
(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
John Noll LLC

2 Business name/disregarded entity name, if different from above
Lighting by Design

3 Check appropriate box for federal tax classification; check only **one** of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate
☑ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ S
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any) ____
Exemption from FATCA reporting code (if any) ____
(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.)
1922 Grantham Court

6 City, state, and ZIP code
Wellington, FL 33414

Requester's name and address (optional)
City of Fort Pierce
Attn: Purchasing Department
PO Box 1480
Fort Pierce, FL 34954

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number
[ ][ ][ ] - [ ][ ] - [ ][ ][ ][ ]

or

Employer identification number
4 7 - 1 3 8 0 1 4 0

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here Signature of U.S. person ▶ [signature] Date ▶ 9/18/2018

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at *www.irs.gov/fw9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

ANNE M. GANNON
CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving *you.*

P.O. Box 3353, West Palm Beach, FL 33402-3353
www.pbctax.com Tel: (561) 355-2264

LOCATED AT
1922 GRANTHAM CT
WELLINGTON, FL 33414

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
81-0185 HOLIDAY DECORATING SERVICE	NOLL JOHN JR		B18.500736 - 07/26/18	$33.00	B40123899

This document is valid only when receipted by the Tax Collector's Office.

STATE OF FLORIDA
PALM BEACH COUNTY
2018/2019 LOCAL BUSINESS TAX RECEIPT

B2 - 2716

LIGHTING BY DESIGN
JOHN NOLL LLC
1922 GRANTHAM CT
WELLINGTON, FL 33414

LBTR Number: 200710837
EXPIRES: SEPTEMBER 30, 2019

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
09/18/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
PAYCHEX INSURANCE AGENCY 150 Sawgrass Drive Rochester, NY 14620	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : NorGUARD Insurance Company	31470
INSURED John Noll LLC Lighting by Designs 1922 Grantham Ct Wellington, FL 33414-8907	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 0
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 0
							MED EXP (Any one person)	$ 0
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$ 0
	☐ POLICY ☐ PRO-JECT ☐ LOC						GENERAL AGGREGATE	$ 0
	OTHER:						PRODUCTS - COMP/OP AGG	$ 0
								$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N [Y] If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		JOWC983164	10/09/2018	10/09/2019	☐ PER STATUTE ☐ OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Exclusions:
John Noll;

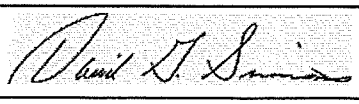
CERTIFICATE HOLDER

City of Fort Pierce
Attn: Purchasing Dept
PO Box 1480
Fort Pierce, FL 34954

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 09/18/2018

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PRODUCER	CONTACT NAME: Lauren Bichette	
Jacobs Insurance Agency 2328 S Congress Avenue Suite 2A West Palm Beach FL 33406	PHONE (A/C, No, Ext): (561) 967-8400	FAX (A/C, No): (561) 967-9088
	E-MAIL ADDRESS: Lauren@jacobsfl.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : CAPITOL SPECIALTY INSURANCE CORP	10328
INSURED John Noll LLC DBA Lighting BY Design 1922 Grantham,Court Wellington FL 33414	INSURER B : PROGRESSIVE EXPRESS INS COMPANY	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR [X] Blanket Al's [X] Blanket Waiver GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:	X		CS18005569-01	09/05/2018	09/05/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG [ ]	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [X] SCHEDULED AUTOS [ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY			03309924-3	10/06/2017	10/06/2018	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) PIP Limit- $10,000	$ 1,000,000 $ $ $ $ Covered
A	[ ] UMBRELLA LIAB [X] OCCUR [X] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $	X		CS18005569-01	09/05/2018	09/05/2019	EACH OCCURRENCE AGGREGATE [ ]	$ 3,000,000 $ 3,000,000 $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A					[ ] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate holder is additional insured

CERTIFICATE HOLDER

City of Fort Pierce
Attn: Purchasing Department
P.O. Box 1480
Fort Pierce FL 34954-1480

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Kelli Straub

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 09/19/2018 1:26 PM

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PRODUCER	CONTACT NAME: GEICO Insurance Agency, Inc.	
GEICO Insurance Agency, Inc. 1 GEICO Blvd Fredericksburg, VA 22412	PHONE (A/C. No. Ext): 8008413000	FAX (A/C. No):
	E-MAIL ADDRESS:	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
JOHN NOLL LLC DBA: LIGHTING BY DESIGN 1922 GRANTHAM COURT WELLINGTON, FL 33414	INSURER A: NATIONAL LIABILITY & FIRE INSURANCE	20052
	INSURER B: COMPANY	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: 390,697 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☐ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC ☐ OTHER:						EACH OCCURRENCE	$
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
							GENERAL AGGREGATE	$
							PRODUCTS – COMP/OP AGG	$
								$
A	AUTOMOBILE AUTHORITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☒ SCHEDULED AUTOS ☐ NON-OWNED AUTOS			73APG081165-01	02/14/2018 10:06 AM	02/14/2019 12:01 AM	COMBINED SINGLE LIMIT (Ea accident)	$ 100,000
							BODILY INJURY (Per Person)	$ N/A
							BODILY INJURY (Per accident)	$ N/A
							PROPERTY DAMAGE (Per accident)	$ N/A
							PIP Limit - $10,000	Covered
	☐ UMBRELLA LIAB ☐ OCCUR ☐ EXCESS LAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	☐ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ☐ ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N ☐ (Mandatory in NH) ☐ If yes, describe under DESCRIPTION OF OPERATIONS below	N / A						☐ PER STATUTE ☐ OTH-ER	
							E. L. EACH ACCIDENT	$
							E. L. DISEASE – EA EMPLOYEE	$
							E. L. DISEASE – POLICY LIMIT	$
	☐							$
								$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Vehicle Schedule: see attached

CERTIFICATE HOLDER	CANCELLATION
CITY OF FORT PIERCE ATTN: PURCHASING DEPARTMENT PO BOX 1480 FORT PIERCE, FL 34954	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE

ACORD 25 (2014/01)

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M-5652 (07/2015)

Vehicle Schedule

Year, Make, Model, VIN	Collision	Comp or Spec. Caus.	Stated Amount	Phys. Dam. Deductible	In-Tow Limit	Cargo Limit
2003 CHEVROLET EXPRESS CARGO 1GCFG25X931204091						
2003 CHEVROLET EXPRESS CARGO 1GCFG25X531225049						
2003 FORD F-150 1FTRX17L13NA13775						
2005 FORD F-150 1FTRF12235NC10614						

THE SUNRISE CITY
FORT PIERCE
Florida
PURCHASING
DEPARTMENT

DRUG~FREE WORKPLACE FORM

The undersigned vendor in accordance with Florida Statute 287.087 hereby certified that John Noll LLC dba Lighting By Design does:

(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business=s policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

3. Give each employee engaged in providing the commodities or contractual services that are proposed a copy of the statement specified in subsection (1).

4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under Bid, the employee will aBide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.

5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee=s community, by any employee who is so convicted.

6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Proposer's Signature

9/18/2018
Date

THE SUNRISE CITY
FORT PIERCE
Florida
PURCHASING
DEPARTMENT

100 North U.S.1, P.O. Box 1480
Fort Pierce, Florida, 34954-1480

Phone: 772-467-3748
Fax: 772-467-3848

REFERENCE CHECK FORM

(Please print or type)

Bid Number: 2018-050 **Title:** HOLIDAY LIGHTING FOR MARINA SQUARE
Proposer/Respondent Name: John Noll LLC dba Lighting By Design
Reference Company Name: GRS Management
Telephone #: 561-641-8554 **Fax #:** _____
Contact Name: Leslie Distefano **Email:** LDistefano@grsmgt.com

Reference Instructions: Submit a minimum of three (3) References – Fill out top portion only. The City will send form to the referenced company for completion after the City's receipt of form in Bid.

The above company submitted a proposal to provide janitorial services to the City of Fort Pierce. He/she listed you as a reference. Please complete the questions below and fax back to (772)467-3848.

- When did this company work for you? From:_____ To:_____
- How would you describe the Contractor:

Quality of Work: _____

Dependability: _____

Integrity of owner and employees: _____

What areas could he/she improve upon? _____

Would you contract with this Contractor again? Yes No Maybe

- On a scale of 1 to 5, how would you rate his/her work in general? 1 2 3 4 5
- Add any information/comments that might help us evaluate their ability to perform for us?

_____

_____

_____

THE SUNRISE CITY
FORT PIERCE
Florida
PURCHASING
DEPARTMENT

100 North U.S.1, P.O. Box 1480
Fort Pierce, Florida, 34954-1480

Phone: 772-467-3748
Fax: 772-467-3848

REFERENCE CHECK FORM

(Please print or type)

Bid Number: 2018-050 **Title:** HOLIDAY LIGHTING FOR MARINA SQUARE
Proposer/Respondent Name: John Noll LLC dba Lighting By Design
Reference Company Name: Link Outdoor Lighting
Telephone #: (407) 876-5566 **Fax #:** _____
Contact Name: Chuck Link **Email:** chuck@linkoutdoorlighting.com

Reference Instructions: Submit a minimum of three (3) References – Fill out top portion only. The City will send form to the referenced company for completion after the City's receipt of form in Bid.

The above company submitted a proposal to provide janitorial services to the City of Fort Pierce. He/she listed you as a reference. Please complete the questions below and fax back to (772)467-3848.

- When did this company work for you? From:_____ To:_____
- How would you describe the Contractor:

Quality of Work: _____

Dependability: _____

Integrity of owner and employees: _____

What areas could he/she improve upon? _____

Would you contract with this Contractor again? Yes No Maybe

- On a scale of 1 to 5, how would you rate his/her work in general? 1 2 3 4 5
- Add any information/comments that might help us evaluate their ability to perform for us?

THE SUNRISE CITY
FORT PIERCE
Florida
PURCHASING DEPARTMENT

100 North U.S.1, P.O. Box 1480
Fort Pierce, Florida, 34954-1480

Phone: 772-467-3748
Fax: 772-467-3848

REFERENCE CHECK FORM

(Please print or type)

Bid Number: 2018-050 **Title:** HOLIDAY LIGHTING FOR MARINA SQUARE
Proposer/Respondent Name: John Noll LLC dba Lighting by Design
Reference Company Name: Let There Be Lights, Inc.
Telephone #: (561) 248-9637 **Fax #:** _____
Contact Name: Dave Lockey **Email:** masterilluminator@comcast.net

Reference Instructions: Submit a minimum of three (3) References – Fill out top portion only. The City will send form to the referenced company for completion after the City's receipt of form in Bid.

The above company submitted a proposal to provide janitorial services to the City of Fort Pierce. He/she listed you as a reference. Please complete the questions below and fax back to (772)467-3848.

- When did this company work for you? From:_____ To:_____
- How would you describe the Contractor:

Quality of Work: _____

Dependability: _____

Integrity of owner and employees: _____

What areas could he/she improve upon? _____

Would you contract with this Contractor again? Yes No Maybe

- On a scale of 1 to 5, how would you rate his/her work in general? 1 2 3 4 5
- Add any information/comments that might help us evaluate their ability to perform for us?

CITY OF FORT PIERCE BIDDER'S CHECKLIST

This checklist is provided to assist each Bidder in the preparation of their Bid response. Included in this checklist are important requirements, which is the responsibility of each Bidder to submit with their response in order to make their response fully compliant. This checklist is only a guideline, it is the responsibility of each Bidder to read and comply with the Invitation to Bid in its entirety.

Check "Yes" or "No" to each of the following:

	YES	NO
Is Invitation to Bid cover page (page 1) completed, signed and attached?	x	
Is Bid Response Form completed, signed and attached?	x	
Is W-9 Form completed, signed and attached?	x	
All prices have been reviewed for mathematical accuracy, all price corrections initialed, and all price extensions and totals thoroughly checked.	x	
Include proof of proper licensing as stated in Bid documents.	x	
Include proof of proper insurance as stated in Bid documents.	x	
Bid envelope is marked accordingly.	x	
Is Drug-Free Work Place form signed and enclosed?	x	
Is Debarment form signed and enclosed?	x	
Are three (3) complete Bid packages included (one original and two copies)?	x	
Is each Bid Addendum (when issued) signed and included?	x	

PLEASE SIGN AND RETURN WITH BID _____

City Commission Regular Meeting **11.e.**

Meeting Date: 10/15/2018

Re: Approve Blanket Purchase Orders for the Sunrise Theatre in the amount not to exceed $184,400 - 2018/19 Fiscal Year

Submitted For: Sharon Engle, Interim Executive Director, Sunrise Theatre

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SUBJECT:

Approve Blanket Purchase Orders for the Sunrise Theatre in the amount not to exceed $184,400.

SUMMARY:

Approve Blanket Purchase Orders over $50,000 for various vendors for services to Sunrise Theatre.

RECOMMENDATION:

Recommend approval of blanket purchase orders. These are established vendors with whom the Sunrise Theatre does business with on a regular basis.

ALTERNATIVES:

Find and use other vendors who may not meet all of the requirements of the scope of work to be performed.

RESPONSIBLE STAFF:

Sharon Engle, Interim Executive Director of the Sunrise Theatre

COORDINATED WITH:

Purchasing Department
Finance Department

Fiscal Impact

Budgeted Y/N:	Y
Fiscal Year:	2018/19
Account:	Various
Amount:	184,400

OTHER INFORMATION:

Amount budgeted in FY 2018/19

Attachments

Sunrise Theatre Blanket PO's 2018/19 FY

Form Review

Form Started By: Anne Satterlee Started On: 10/08/2018 04:16 PM
Final Approval Date: 10/10/2018

SUNRISE THEATRE BLANKET PO'S FOR 2018/2019 FY OVER $50,000.00

55,000.00	ANNIE'S CAKES & CATERING	11488	Catering for Shows	406-4600-575-40-43
129,400.00	TREASURE COAST NEWSPAPER	202533	Print/Digital Advertising for Sunrise Theatre	406-4600-575-48-10

City Commission Regular Meeting **12.a.**

Meeting Date: 10/15/2018

Re: Legislative Hearing - Ordinance 18-035 Amendments

Submitted For: Paul Thomas, Building Official, Building

SUBJECT:

Legislative Hearing - Ordinance 18-035 - Amending Chapter 5, Article II of the Code of Ordinances Entitled "Contractors" - SECOND READING

SUMMARY:

Presented to the Commission for consideration is Ordinance 18-035, amending several Sections of Chapter 5, Article II "Contractors" to provide clarification with regard to and including: Board of Examiner of Contractors members; applicants for a Certificate of Competency; contractor registration, regulations and requirements; and to change the venue of citation administrative hearings to the Special Magistrate.

RECOMMENDATION:

Adopt Ordinance 18-035

ALTERNATIVES:

Do not adopt the Ordinance as presented.

RESPONSIBLE STAFF:

Paul Thomas, CBO, CFM, Building Official

COORDINATED WITH:

Shaun Coss, CFM, Building Department Coordinator

Fiscal Impact

OTHER INFORMATION:

None at this time.

Attachments

Finalized Ord. 18-035

Proof of Publication

Form Review

Inbox	Reviewed By	Date
Building	Paul Thomas	09/19/2018 08:37 AM
City Manager	Nick Mimms	09/24/2018 08:40 AM
Form Started By: Karen Murphy		Started On: 09/11/2018 01:02 PM

Final Approval Date: 10/02/2018

ORDINANCE NO. 18-035

AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, **AMENDING CHAPTER 5, ARTICLE II** OF THE CODE OF ORDINANCES ENTITLED **"CONTRACTORS";** AMENDING SECTION 5-19, TO PROVIDE ADDITIONAL RULES FOR BOARD OF EXAMINERS OF CONTRACTORS MEMBERS; AMENDING SECTION 5-20, PROVIDING BOARD SECRETARY DUTIES; AMENDING SECTION 5-21, TO PROVIDE CONDUCT OF BOARD MEMBER REQUIREMENTS; AMENDING SECTION 5-31, PROVIDING CONTRACTOR REGISTRATION REGULATIONS; AMENDING SECTION 5-33, TO CLARIFY CREDIT REQUIREMENTS FOR CERTIFICATE OF COMPETENCY APPLICANTS; AMENDING SECTION 5-36, TO PROVIDE FOR ADDITIONAL FEES; AMENDING SECTION 5-48, TO UPDATE RECIPROCITY PROCEDURES; AMENDING SECTION 5-49, TO CLARIFY THE EFFECT OF CERTIFICATE OF COMPETENCY ISSUANCE; AMENDING SECTION 5-51, MODIFYING CONTRACTOR DISCIPLINARY PROCEDURES; AMENDING SECTION 5-53, TO CHANGE THE VENUE OF CITATION ADMINISTRATIVE HEARINGS TO THE SPECIAL MAGISTRATE; AMENDING SECTION 5-55, TO CLARIFY EMERGENCY LICENSING PROCEDURES; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Florida State Statute §489 provides, in part, municipal requirements for the review and issuance of certificates of competency; the regulation of state licensed contractors; and, enforcement of unlicensed contractors; and

WHEREAS, Florida State Statutes §286 and §289 provide, in part, municipal requirements for compliance with Florida's open meetings laws and sunshine law; and

WHEREAS, Chapter 5, Article II, of the Code of Ordinances, provides for the regulation of contractors; which shall be amended from time to time to ensure compliance with State Statutes and to provide exceptional service to the public.

NOW, THEREFORE, BE IT ORDAINED by City Commission of the City of Fort Pierce, Florida:

SECTION 1. Chapter 5, Article II, Division 1, Sec 5-19, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-19. - Board of examiners of contractors—members; officers generally; meetings; rules.

(a) There shall be appointed by a majority vote of the city commission a board of examiners of contractors, consisting of nine (9) members who have been residents of the county for at least two (2) years prior to the date of their appointment. The term of office of each member of the board shall be for four (4) years, but the city commission may remove any member of the board without cause, notice or hearing. <u>After having served four (4) consecutive terms, a member shall not be eligible for reappointment to the board for a period of two (2) years.</u> Members appointed to fill vacancies caused by death, resignation or removal shall serve during the unexpired terms of their predecessors. The board shall consist of three (3) consumer representatives, and six (6) members licensed in the State of Florida from any of the following fields: architect;

engineer; swimming pool, roofing, or other specialty contractor; general, residential, or building contractor; electrical contractor; plumbing contractor; or mechanical or air-conditioning contractor. The consumer representatives may be any resident of the city who is not, and has never been, a member or practitioner of a profession regulated by the board or a member of any closely related profession.

(b) The board shall elect a chairman and such other officers as may be necessary from among its members.

(c) The board shall hold not less than four (4) regular meetings each fiscal year, one in July, one in October, one in January and one in April. The meetings shall be called by the chairman of the board and in his absence by the vice-chairman of the board. Absence from two (2) consecutive meetings of the board shall vacate the seat of that member, unless such absence is excused by the board.

(d) The board shall have the ~~right, power and~~ authority to make such by-laws, and procedural rules ~~and regulations governing its body~~ necessary to the orderly conduct of its meetings. Any such rule must be consistent with the Charter and ordinances of the city, and both state and federal law. ~~as it may deem necessary; provided, that the same do not conflict with the charter and ordinances of the city or the constitution and laws of the United States and of the state.~~

(e) Six (6) members of the board shall constitute a quorum and a majority vote of those present shall be required to make any decisions.

SECTION 2. Chapter 5, Article II, Division 1, Sec 5-20, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-20. - Same—Secretary; duties; authority.

The director of building and community response, or his designee, shall ~~be~~ serve as the secretary of the board. The secretary shall keep a record of all the proceedings of the board, together with the necessary register showing all applicants for examination and licenses, showing thereon for each the date of application, name, qualifications, place of business and place of residence and whether the application was granted or refused. Such secretary shall prepare a roster of all contractors who have been granted a certificate as required in this article, in accordance with the provisions hereof.

SECTION 3. Chapter 5, Article II, Division 1, Sec 5-21, of the Code of Ordinances, is hereby amended to read as follows:

Secs. 5-21- ~~—5-30. - Reserved.~~ Conduct of Board Members.

(a) Any board member found guilty or responsible for committing a violation related to the construction industry by any city, county or state shall submit the order determining such violation or guilt to the City Clerk within seven (7) days of the date of the order.

(b) Any applicant seeking board appointment previously found guilty or responsible for committing a violation related to the construction industry by any city, county or state shall submit the order determining such violation or guilt to the City Clerk therein with their application for appointment.

SECTION 4. Chapter 5, Article II, Division 2, Sec 5-31, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-31. - Purpose and intent.

The purpose of this division is to provide a practical and adequate control of all contractors in the construction trades in the city by ~~requiring~~ regulating annual registration and competency cards, assurance of their proper coverage of required insurance and to insure the highest standard of building within the city. It is the intent of the city commission to protect the health, safety, and welfare of the residents of the city through the regulation of the construction and home improvement industries.

SECTION 5. Chapter 5, Article II, Division 2, Sec 5-33, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-33. - Investigation of applicants.

The board of examiners of contractors shall not issue a certificate of competency unless, by a majority vote of the board members present, the board finds:

(1) That the applicant, or if applicant is a business organization then the qualified representative, has made a score of seventy (70) per cent or higher on the contractor competency examinations or general specialty examinations and has the necessary experience for the type of certificate applied for.

(2) That the credit report and financial statement of the applicant, or if applicant is a business organization, then the credit report of the business organization, shows that the applicant is financially able to engage in the contracting business for which a license is required so that the public will be protected. If the credit report of the business organization does not, in the opinion of the board, establish that the applicant is financially able to engage in the contracting business for which a license is required so that the public will be protected, the board shall request and review individual credit reports for each officer of the corporation.

(3) That the applicant and each officer of the business organization possesses a reputation of honesty, integrity and good character and has not been convicted of a misdemeanor involving moral turpitude or a felony in the past five (5) years. This shall be determined by the board from the information contained in the letters of recommendation submitted by the applicant and any other statements submitted to or obtained by the board of examiners of contractors or its investigators. The lack of honesty, integrity or good character may be established by competent evidence that:

a. Applicant has committed an act within the last three (3) years which, if committed or done by a licensed contractor, would be grounds for suspension or revocation of the contractor's license.

b. Applicant has committed an act within the past three (3) years involving dishonesty, fraud, deceit or lack of integrity whereby the applicant has been benefited or whereby some injury has been sustained by another.

c. Applicant has in the past five (5) years refused to pay just bills of at least five (5) different persons or has been adjudged bankrupt.

d. Applicant has been convicted of a misdemeanor involving moral turpitude or felony during the past five (5) years.

SECTION 6. Chapter 5, Article II, Division 2, Sec 5-36, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-36. - Fees.

(a) Contractors shall pay the following fees for a certificate of competency:

(1) Application for a certificate of competency: Non-refundable fee, one hundred twenty five dollars ($125.00).

(2) Initial issuance of a certificate of competency for contractors other than those with current certification issued by the state construction industry licensing board: Fee, fifty dollars ($50.00). Charged in addition to the fee of a temporary certificate of competency, if applicable.

(3) A certificate may be renewed upon payment of an annual renewal: Fee, seventy-five dollars ($75.00), on or before September 30 (hereinafter referred to as the "renewal due date"). All certificates not renewed on or before the renewal due date shall be considered delinquent and subject to a delinquency penalty as follows: twenty-five (25) per cent of the annual renewal fee if paid within three (3) months of the renewal due date; fifty (50) per cent of the annual renewal fee if paid within four (4) to six (6) months of the renewal due date; seventy-five (75) per cent of the annual renewal fee if paid within seven (7) to nine (9) months of the renewal due date; and double the annual renewal fee if paid within ten (10) to twelve (12) months of the renewal due date.

(4) Replacement competency card: Fee, twenty dollars ($20.00).

(b) Contractors having a current valid certificate of competency shall pay the following fees for a change to the status of the certificate:

(1) Placement of certificate of competency into inactive status: Fee, twenty-five dollars ($25.00).

(2) Return inactive status of a certificate of competency to active status: Fee, fifty dollars ($50.00).

(3) Change from business entity to another business entity: Fee, sixty dollars ($60.00).

(4) Amend filed business organization name to another: Fee, fifty dollars ($50.00).

(5) Change from an individual to a qualifying business: Fee, seventy-five dollars ($75.00).

(6) Change from a qualifying business to an individual: Fee, seventy-five dollars ($75.00).

(7) Business name change: Fee, one hundred dollars ($100.00).

(8) Qualify an additional business entity: Fee, one hundred dollars ($100.00).

(c) Miscellaneous fees:

(1) Service user fee: Fee, twenty-five dollars ($25.00).

(2) Letters of reciprocity: Fee, thirty-five dollars ($35.00).

(3) Temporary certificate of competency pursuant to Sec. 5-48(b): Fee, fifty dollars ($50.00).

(3) Emergency certificate of competency pursuant to Sec. 5-55: Fee, two hundred fifty dollars ($250.00).

(4) Sponsorship fee per exam: Fee, one hundred fifty dollars ($150.00).

(d) All fees are non-refundable.

SECTION 7. Chapter 5, Article II, Division 3, Sec 5-48, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-48. - Reciprocity.

(a) The board may, by reciprocity, grant a certificate of competency to any applicant who has obtained a certificate of competency in any other county or municipality of the state having code licensing requirements and conducting examinations which are, in the reasonable opinion of the board, substantially similar to those of the city, upon payment of the application fee for the applicant's classification as herein set out and furnishing all information to the board in writing as required by section 5-32, and providing proof that the applicant has met all other criteria pursuant to this chapter.

(b) Notwithstanding section 5-48(a), the director of building and community response, or his designee, is authorized, by such reciprocity, at his reasonable discretion, to grant a temporary certificate of competency to an applicant who has obtained a certificate of competency in any other county or municipality of the state having code licensing

requirements and conducting examinations which are, in the reasonable opinion of the director of building and community response, or his designee, substantially similar to those of the city, upon payment of the application fee for the applicant's classification as herein set out, furnishing all information in writing as required by section 5-32, and providing proof that the applicant has met all other criteria pursuant to this chapter. The temporary competency cards issued by the director of building and community response pursuant to this procedure shall be valid until the next board meeting at which action is taken by the board to approve or disapprove the application for certificate of competency. Following the approval or disapproval for certificate of competency by the board, the temporary certificate of competency shall be nullified.

(c) The burden of showing the substantial similarity of the code licensing requirements, demonstrating compliance with the requirements of section 5-32, and proving that the applicant has met all other criteria pursuant to this chapter shall be on the applicant.

(d) A certificate issued through reciprocity shall be subject to each of the other provisions of this article.

SECTION 8. Chapter 5, Article II, Division 3, Sec 5-49, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-49. - Effect of issuance.

The issuance of a ~~license~~ certificate of competency under this article shall be evidence that the licensee is entitled to all the rights and privileges of a contractor in the division for which the ~~license~~ certificate of competency is issued and while the ~~license~~ certificate of competency remains unrevoked or unexpired.

SECTION 9. Chapter 5, Article II, Division 3, Sec 5-51, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-51. - Disciplinary procedures.

(a) Any person including, but not limited to the director of building and community response of the city, may prefer charges against the holder of a contractor's certificate of competency issued pursuant to the provisions of this subchapter or a contractor certified by the state. Such charges shall be made in writing and sworn to by the complainant or complaining witness and submitted to the building official. ~~of the city who shall immediately notify the chairman of the receipt thereof.~~ The building official shall mail a copy of such charges to the respondent within fifteen (15) days from the receipt thereof.

~~(b) The director of building and community response and the chairman of the board shall review the complaint for probable cause. If no probable cause is found, the complaint shall be denied and not referred to the board. A copy of the complaint and the findings of the director of building and community response and the chairman shall be placed in the respondent's file. The complainant or complaining witness shall have no right of appeal. Where a probable cause is found, the complaint shall be referred to the board for a hearing on the complaint.~~

(c) The complaint shall be referred to the board for a hearing on the complaint. proceedings of the board may be informal in nature and the board shall not be bound by the rules of evidence. The board shall be entitled to rely on such evidence as is regularly relied upon in the ordinary course of the conduct of business.

(d) The proceedings shall not be delayed, deferred or suspended without the approval of the board even though the respondent is made a party of civil litigation, or is a defendant or is acquitted in a criminal action, notwithstanding that either of such proceedings involves the subject matter of the investigation.

(e) At the hearing the respondent and complainant shall be allowed to testify and to produce evidence and other witnesses in his behalf. The respondent and complainant may be accompanied by counsel. The respondent and complainant shall be given an opportunity to make a statement personally or by counsel, verbally or in writing, sworn

or unsworn, explaining, refuting or admitting the alleged charges. The respondent and complainant shall be granted the right to be present at any hearing when evidence is to be presented to the board of examiners of contractors and to call witnesses or present evidence and to cross-examine, subject to reasonable limitation.

(f) If the respondent admits to the alleged charges the board may immediately make a finding of violation without further testimony. If the respondent fails to appear, the board may make its determination based upon the sworn complaint.

(g) ~~The complainant or complaining witness is not a party to the disciplinary proceeding. Unless found to be impractical by the chairman of the board due to unreasonable delay or other good cause, the complainant or complaining witness shall be granted the right to be present at any board hearing when evidence is to be presented, subject to reasonable limitations. The complainant or complaining witness shall have no right of appeal from the decision of the board.~~

~~(h)~~ (g) Upon conclusion of the formal hearing, the board shall make a determination. If the respondent is found to be guilty of misconduct by the board, the board shall thereupon enter its findings, an order of guilt and determine the proper disciplinary action to be imposed upon the respondent.

~~(i)~~ (h) If a complaint is brought against a respondent whose competency card is in a state of expiration, or expires prior to the hearing, the proceedings on the complaint shall be stayed. Provided, however, that the competency card may not be renewed, re-issued or activated until the board has disposed of the complaint.

~~(j)~~ (i) *Quorum/vote.* No fewer than six (6) members shall constitute a quorum. All findings of guilt and recommendations of discipline shall be by affirmative vote of a majority of the committee members present, which majority must number at least four (4) members.

~~(k)~~ (j) Appeal. Any decision of the board imposing disciplinary action on a respondent may be appealed by the respondent to the city commission within fifteen (15) days of the date of the board's decision; provided, however, a written notice of such appeal shall be filed with the city clerk within such a period of time. The city clerk shall notify all interested parties of the date fixed for hearing the appeal, which date shall be not less than thirty (30) days after the date of the filing of the notice of appeal. The hearing on appeal shall be, to the extent possible, upon the record and shall not be a hearing de novo. The city commission shall review the transcript of the hearing before the contractors examining board together with any tangible evidence considered by the board that determined its decision. The city commission may also entertain any additional testimony or evidence offered by the respondent or other interested party that was not brought out at the board hearing.

~~(l)~~ (k) Stay on appeal. Any decision of the board imposing disciplinary action upon a respondent, other than revocation, which has been appealed by the respondent shall be automatically stayed upon receipt of the written notice of appeal by the city clerk.

SECTION 10. Chapter 5, Article II, Division 3, Sec 5-53, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-53. - Prohibitions; penalties and enforcement.

(a) It shall be unlawful for any person to:

(1) Falsely hold himself or a business organization out as a licensee, certificate holder, registrant or holder of a certificate of competency issued by the board;

(2) Falsely impersonate a certificate holder or registrant or the holder of a certificate of competency issued by the board;

(3) Present as his own the certificate, registration, or certificate of competency of another;

(4) Knowingly give false or forged evidence to the board or member thereof for the purpose of obtaining a certificate of competency;

(5) Use or attempt to use a certificate, registration or certificate of competency which has been suspended or revoked;

(6) Engage in the business or act in the capacity of a contractor or advertise himself or a business organization as available to engage in the business or act in the capacity of a contractor without being duly registered, certified or the holder of a certificate of competency;

(7) Operate a business organization engaged in contracting after sixty (60) days following the termination of its only qualifying agent without designating another primary qualifying agent;

(8) Commence or perform work for which a building permit is required pursuant to this chapter without such building permits being in effect;

(9) Willfully or deliberately disregard or violate any city or county ordinance relating to uncertified or unregistered contractor;

(10) Act in the capacity of a contractor different from the scope of work for which the contractor is certified to perform; or

(11) Fail to secure required inspections.

(12) Willfully and deliberately obtain or attempt to obtain a permit for an entity unregistered or unlicensed.

(b) The director of building and community response, the building official, the deputy building official, building inspectors, and licensing investigators of the city are hereby designated, authorized and charged with enforcement responsibilities to enforce the provisions of F.S. §§ 489.127(1) and 489.132(1) and Chapter 5, Article II, of this Code, against persons who engage in activities for which a city certificate of competency is required.

(1) The enforcement authorities designated herein may issue a citation, as provided herein, for any violation of F.S. §§ 489.127(1) and 489.132(1) and Chapter 5, Article II, of this Code, whenever, based upon personal investigation, the enforcement officer has reasonable and probable grounds to believe that such a violation has occurred.

(2) The citation issued by an enforcement officer pursuant to this section shall be in the form prescribed by the city commission, which form shall state:

a. The time and date of issuance.

b. The name and address of the person to whom the citation is issued.

c. The time and date of the violation.

d. A brief description of the violation and the facts constituting reasonable cause.

e. The name of the enforcement officer.

f. The procedure for the person to follow in order to pay a civil penalty or to contest the citation.

g. The applicable civil penalty if the person elects not to contest the citation.

(c) The maximum civil penalty which may be levied pursuant to any citation shall not exceed two thousand five hundred dollars ($2,500.00). The monies collected pursuant to this section shall be retained by the city and shall be set aside in a specific fund to support future enforcement activities against unlicensed contractors.

(d) (1) The act for which a citation is issued shall be ceased upon the receipt of the citation.

(2) The person charged with the violation shall elect either to correct the violation and pay the civil penalty in the manner indicated on the citation or, within ten (10) days of receipt of the citation, exclusive of weekends and legal holidays, request in writing an administrative hearing before the ~~board of examiners of contractors~~ Special Magistrate to appeal the issuance of the citation by the

enforcement officer and specify in such written request the grounds for such appeal.

(3) Failure of the violator to appeal the decision of the enforcement officer within the time period set forth herein shall constitute a waiver of the violator's right of an administrative hearing. A waiver of the right to an administrative hearing shall be deemed an admission of the violation and penalties may be imposed accordingly.

(4) If the person issued the citation or his designated representative shows that the citation is invalid or that the violation has been corrected prior to appearing before the ~~board of examiners of contractors~~ Special Magistrate, the ~~board~~ Special Magistrate may dismiss the citation unless the violation is irreparable or irreversible.

(5) Each day a willful, knowing violation continues shall constitute a separate offense under the provisions of this section.

(6) If the ~~board of examiners of contractors~~ Special Magistrate finds that a violation exists the ~~board~~ Special Magistrate may order the violator to pay a civil penalty of not less than the amount set forth on the citation but not more than two thousand five hundred dollars ($2,500.00) per day for each violation. In determining the amount of the penalty the ~~contractor's examining board~~ Special Magistrate shall consider the following factors.

a. The gravity of the violation.

b. Any action taken by the violator to correct the violation.

c. Any previous violations created by the violator.

(7) Upon written notification by the enforcement officer that a violator has not contested the citation or paid the civil penalty within the time frame allowed on the citation the ~~board of examiners of contractors~~ Special Magistrate shall enter an order ordering the violator to pay the civil penalty set forth on the citation and a hearing shall not be necessary for the issuance of such order.

(8) A certified copy of an order imposing a civil penalty against an unlicensed contractor may be recorded in the public records and thereafter shall constitute a lien against any real or personal property owned by the violator. Upon petition to the circuit court, such order may be enforced in the same manner as a court judgment by the sheriffs of this state including a levy against personal property; however, such order shall not be deemed to be a court judgment except for enforcement purposes. After three (3) months from the filing of any such lien which remains unpaid, the ~~board of examiners of contractors~~ Special Magistrate may authorize the foreclosure on the lien. No lien created pursuant to the provisions of this section may be foreclosed on real property which is a homestead under Section 4, Article X of the State Constitution.

(9) An aggrieved party, including the city, may appeal a final administrative order of the ~~board of examiners of contractors~~ Special Magistrate to the circuit court. Such an appeal shall not be a hearing de novo but shall be limited to appellate review of the record created before the ~~contractor's examining board~~Special Magistrate. An appeal shall be filed within thirty (30) days of the execution of the order appealed.

(10) All notices required by this section shall be provided to the alleged violator by certified mail, return receipt requested; by hand-delivery by the sheriff or other law enforcement officer or enforcement officer; by leaving the notice at the violator's usual place of residence with some person of his family above fifteen (15) years of age and informing such person of the contents of the notice; or by including a hearing date within the citation. Notice of the Special Magistrate hearing shall be provided by U.S. and Certified Mail.

(11) Any person who willfully refuses to sign and accept a citation issued by an enforcement officer commits a misdemeanor of the second degree punishable as provided by F.S. §§ 775.082 or 775.083.

(e) Nothing contained herein shall prohibit the city from enforcing its codes or ordinances by any other means.

(f) (1) The schedule of penalties to be assessed by the enforcement officer when issuing a citation shall be as follows:

Number of Violations	Licensed Contractor Penalty	Unlicensed Contractor Penalty
First offense	$500.00	$500.00
Second offense	$1,000.00	$1,250.00
Third and subsequent offenses	$1,500.00	$2,500.00

SECTION 11. Chapter 5, Article II, Division 3, Sec 5-55, of the Code of Ordinances, is hereby amended to read as follows:

Sec. 5-55. - Emergency licensing procedures

(a) The purpose of this section is to define procedures for the licensing of contractors entering the city to perform construction as defined in F.S. ch. 489, during and immediately following a declared state of emergency as a result of severe damage to the structures in the community resulting from a hurricane or catastrophic storm.

(b) Upon the declaration of a state of emergency by the governor of the state or the mayor, the director of building and community response shall conduct a damage assessment to determine the need for the initiation for emergency licensing procedures which would allow contractors to temporarily work within the city to rebuild, repair or assist in the rebuilding and repairing of the damage caused by the event.

(c) If deemed necessary due to the extent of damage caused by the event, the director of building and community response ~~shall consult with the chairman of the city contractor's examining and licensing board, and with his concurrence,~~ may temporarily suspend existing requirements for obtaining a local contractor's license and institute the following procedures:

(1) The director of building and community response shall honor, upon display, all current state certified contractor competency cards.

(2) The director of building and community response shall be authorized to cause to be issued ~~temporary~~ emergency city competency cards to all existing St. Lucie County and City of ~~Fort Pierce~~ Port St. Lucie licensed contractors.

(3) The director of building and community response, or his designee, shall be authorized to issue ~~temporary~~ emergency city competency cards to contractors or subcontractors from other jurisdictions, inside the state, whose licensing requirements are substantially comparable to the licensing requirements of the city. The burden of proving the similarity of the licensing requirements shall be on the contractor applying for a temporary competency card.

(4) ~~Temporary~~ emergency competency cards issued by the director of building and community response pursuant to this procedure shall be valid for a period of one hundred twenty (120) days unless earlier revoked by the building official.

(5) During the period of one hundred twenty (120) days during which a ~~temporary~~ emergency competency card is valid, the contractor or subcontractor shall provide the director of building and community response with the necessary background checks and licensing information for presentation to the contractor's licensing board.

(6) The ~~issue~~ issuance of any ~~temporary~~ emergency competency card and any subsequent regular competency card shall be contingent upon the payment of the appropriate application fees in effect at the date of application.

(7) The director of building and community response is authorized, at his discretion, to extend a ~~temporary~~ emergency competency card for one additional one-hundred-twenty-day period.

(d) The director of building and community response may refuse to issue a ~~temporary~~ emergency competency card or may revoke a ~~temporary~~ emergency competency card for any of the following actions on the part of a contractor:

(1) Working without benefit of a competency card.

(2) Contracting without building permits.

(3) Failing to call for proper inspections in a timely manner.

(4) Violation of any city codes.

SECTION 12. The provisions of this Ordinance are declared to be severable and if any section, sentence, clause, or phrase of this Ordinance shall, for any reason, be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

SECTION 13. All ordinances or parts of ordinances in conflict herewith are and the same shall be repealed and shall be of no further course or effect whatsoever.

SECTION 14. This ordinance is and the same shall become effective immediately upon final passage hereof.

APPROVED AS TO FORM
AND CORRECTNESS:

_____
Ben Bryan, Jr.
Interim City Attorney

STATE OF FLORIDA
COUNTY OF ST. LUCIE

WE, THE UNDERSIGNED, Mayor Commissioner and the City Clerk of the City of Fort Pierce, Florida, do hereby certify that the foregoing and above Ordinance No. 18-035 was duly advertised by title only in the St. Lucie News Tribune on September 21, 2018; copy of said Ordinance was made available at the office of the City Clerk to the public upon request; said Ordinance was duly introduced, read by title only, and passed on first reading by the City Commission of the City of Fort Pierce, Florida, on October 1, 2018; and was duly introduced, read by title only, and passed on second and final reading on Monday, October 15, 2018, by the City Commission of the City of Fort Pierce, Florida.

IN WITNESS HEREWITH, we hereunto set our hands and affix the Official Seal of the City of Fort Pierce, Florida, this 15h day of October, 2018.

_____
Linda Hudson
MAYOR COMMISSIONER

ATTEST

_____
Linda W. Cox
CITY CLERK

(CITY SEAL)

Treasure Coast Newspapers | TCPALM

St. Lucie News-Tribune
1939 SE Federal Highway, Stuart, FL 34994

AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA
COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared, Natalie Zollar, who on oath says that she is Classified Inside Sales Manager of the St. Lucie News-Tribune, a daily newspaper published at Fort Pierce in St. Lucie County, Florida: that the attached copy of advertisement was published in the St. Lucie News-Tribune in the following issues below. Affiant further says that the said St Lucie News-Tribune is a newspaper published in Fort Pierce, in said St. Lucie County, Florida, and that said newspaper has heretofore been continuously published in said St. Lucie County, Florida, daily and distributed in St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid or promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The St. Lucie News-Tribune has been entered as Periodical Matter at the Post Offices in Fort Pierce, St. Lucie County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

Customer	Ad Number	Copyline	PO #
463454 - CITY OF FORT PIERCE (LEGALS)	2109560	CITY OF FORT PIERCE NOTICE OF PUBLIC	

Pub Dates
September 21, 2018

Sworn to and subscribed before me this day of, September 21, 2018, by

Natalie Zollar, who is

Natalie Zollar

(X) personally known to me or

( ) who has produced _____ as identification.

Karol E Kangas

Karol Kangas **Notary Public**

KAROL E KANGAS
Notary Public - State of Florida
Commission # GG 126041
My Comm. Expires Jul 29, 2021
Bonded through National Notary Assn.

CITY OF FORT PIERCE
NOTICE OF PUBLIC HEARING

The City Commission of the City of Fort Pierce, Florida, pursuant to City Charter and Florida Statute 166.041, will hold Public Hearings, on Monday, October 1, 2018 and Monday, October 15, 2018 on first and second readings, respectively in the City Hall Commission Chambers, 100 North U.S. #1, Fort Pierce, Florida, at their meeting which begins at 6:30 p.m., to consider review and approval of the following:

ORDINANCE NO. 18-035 - AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, AMENDING CHAPTER 5, ARTICLE II OF THE CODE OF ORDINANCES ENTITLED "CONTRACTORS"; AMENDING SECTION 5-19, TO PROVIDE ADDITIONAL RULES FOR BOARD OF EXAMINERS OF CONTRACTORS MEMBERS; AMENDING SECTION 5-20, PROVIDING BOARD SECRETARY DUTIES; AMENDING SECTION 5-21, TO PROVIDE CONDUCT OF BOARD MEMBER REQUIREMENTS; AMENDING SECTION 5-31, PROVIDING CONTRACTOR REGISTRATION REGULATIONS; AMENDING SECTION 5-33, TO CLARIFY CREDIT REQUIREMENTS FOR CERTIFICATE OF COMPETENCY APPLICANTS; AMENDING SECTION 5-36, TO PROVIDE FOR ADDITIONAL FEES; AMENDING SECTION 5-48, TO UPDATE RECIPROCITY PROCEDURES; AMENDING SECTION 5-49, TO CLARIFY THE EFFECT OF CERTIFICATE OF COMPETENCY ISSUANCE; AMENDING SECTION 5-51, MODIFYING CONTRACTOR DISCIPLINARY PROCEDURES; AMENDING SECTION 5-53, TO CHANGE THE VENUE OF CITATION ADMINISTRATIVE HEARINGS TO THE SPECIAL MAGISTRATE; AMENDING SECTION 5-55, TO CLARIFY EMERGENCY LICENSING PROCEDURES; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE.

All interested parties may appear at the meeting and be heard with respect to the Amendment of the Code of Ordinances. Said Ordinance will be available for inspection in the City Clerk's Office, City Hall, 100 North U.S. #1, Fort Pierce, Florida.

ANY PERSON SEEKING TO APPEAL THE DECISION OF THE CITY COMMISSION AS TO THE FOREGOING IS ADVISED THAT A RECORD OF PROCEEDINGS IS REQUIRED IN ANY SUCH APPEAL AND THAT SUCH PERSON MAY NEED TO INSURE THAT A VERBATIM RECORD OF PROCEEDINGS IS MADE INCLUDING THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodation to participate in this meeting should contact the City Clerk's Office at (772) 467-3065 at least 48 hours prior to the meeting.

/s/ Linda W. Cox, City Clerk
Publish: 9/21/2018
TCN 2109560

City Commission Regular Meeting **12.b.**

Meeting Date: 10/15/2018

Re: Rezoning - Indian River Villas - 401 & 411 S. Indian River Drive

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SUBJECT:

Quasi Judicial Hearing -Ordinance 18-036 for a Planned Development (PD) for Indian River Villas to rezone the subject site and to authorize the development of a 12 unit multi-family development that will include 2 (6 unit) buildings with garages. Parcel IDs:2410-808-0017-000-7 & 2410-808-0019-000-1 FIRST READING

SUMMARY:

- In accordance with Sections 22-40, 22-59, and 22-127 of the City Code, the applicant is requesting the review and approval of a Planned Development (PD) for Indian River Villas to rezone the subject site and to authorize the development of a 12 unit multi-family development that will include 2 (6 unit) buildings with garages.
- On March 21, 2016, the City Commission considered an application for Conditional Use with New Construction and Design Review, a Zoning Atlas Amendment and two right-of-way abandonments submitted by Foglia Contracting Corporation to construct a multi-family development at 401 & 411 S. Indian River Drive. The application was approved with the following conditions:
  - The City of Fort Pierce clarify the bulkhead line regulations.
  - The property is deeded to separate the west side from the east side of 401 & 411 S. Indian River Drive.
  - Provide easements for all FPUA utilities.4. City adopts a resolution that authorizes a Quit Claim Deed for the property requested in the abandonment application.
- April 4, 2016, the City Commission considered Ordinance 16-008 seeking a Zoning Atlas Amendment and Planned Development Approval to construct a mixed-use development with office, retail and residential units at 401 S. Indian River Drive. Ordinance No. 16-008 was approved.
- The Planning Board at their September 11, 2018 meeting voted 5-0 to recommend approval of the request as presented.

RECOMMENDATION:

Approve with Conditions:

1. Site Lighting is provided in accordance with Land Development Code 22-60(j)(1) Off Street Parking and Loading at the time of Building Permit Review.
2. Please provide an updated traffic impact statement.

ALTERNATIVES:

Deny

RESPONSIBLE STAFF:

Vennis Gilmore, Planning Analyst

COORDINATED WITH:

Technical Review Committee

Fiscal Impact

OTHER INFORMATION:

N/A

Attachments

Staff Report
Ordinance # 18-036
Site Aerial
Site Plan
Landscape Plan
Elevations
Floor Plans
Typical Unit Floor Plan
Paving, Grading & Drainage Plan
Photometric Plan
Irrigation Plan
Demolition Plan
Quasi Judicial Certification

Form Review

Inbox	Reviewed By	Date
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Brandon Creagan
Started On: 10/04/2018 09:59 AM
Final Approval Date: 10/05/2018

THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT
Florida

TO: Nicholas Mimms, PE, City Manager

THROUGH: Rebecca Grohall, AICP, Planning Director

FROM: Vennis Gilmore, Planning Analyst

RE: **Application for Planned Development (PD)**
Indian River Villas
401 & 411 S. Indian River Drive

DATE: October 4, 2018

STAFF REPORT

Owner:
TA1 (IRD) LLC & TMH, LLC
266 Park Drive
Palaitine, IL 60067

Applicant:
Schulke, Bittle & Stoddard, LLC
1717 Indian River Boulevard, Suite 201
Vero Beach, FL 32960

Requested Action: Approval of a Zoning Atlas Amendment and Planned Development (PD)

Location: 401 & 411 S. Indian River Drive

Parcel ID: 2410-808-0017-000-7 & 2410-808-0019-000-1

Current Zoning: C-1, Office Commercial

Proposed Zoning: PD, Planned Development

Future Land Use: Central Business District (CBD)

Surrounding Zoning:

North	East	South	West
C-1	C-1	C-1	PD

Site Size: approximately 0.957 acres

Utilities: Located within the FPUA Retail Service Area

Staff Analysis:

Request
In accordance with Sections 22-40, 22-59, and 22-127 of the City Code, the applicant is requesting the review and approval of a Planned Development (PD) for Indian River Villas to rezone the subject site and to authorize the development of a 12 unit multi-family development that will include 2 (6 unit) buildings with garages.

History

On March 21, 2016, the City Commission considered an application for Conditional Use with New Construction and Design Review, a Zoning Atlas Amendment and two right-of-way abandonments submitted by Foglia Contracting Corporation to construct a multi-family development at 401 & 411 S. Indian River Drive. The application was approved with the following conditions:

1. The City of Fort Pierce clarify the bulkhead line regulations.
2. The property is deeded to separate the west side from the east side of 401 & 411 S. Indian River Drive.
3. Provide easements for all FPUA utilities.
4. City adopts a resolution that authorizes a Quit Claim Deed for the property requested in the abandonment application.

April 4, 2016, the City Commission considered Ordinance 16-008 seeking a Zoning Atlas Amendment and Planned Development Approval to construct a mixed-use development with office, retail and residential units at 401 S. Indian River Drive. Ordinance No. 16-008 was approved. At the time of approval there were two (2) parcels. The Planned Development Zoning was approved for the western portion of the now adjoined parcels. The previous applicant, Foglia Contracting, LLC, proposed building a 23 unit condominium located at 401 South Indian River Drive. The location was made up of two parcels, however the 23 unit condominium project only encompassed the east side of Indian River Drive. The mixed-use development with office and retail encompassed the west side of Indian River Drive. Both properties were zoned C-1, Office Commercial which allows multi-family developments via Conditional Use approval. The properties also had an underlying future land use of CBD, Central Business District which allows a maximum of 30 dwelling units per acre. The previous applicant also proposed infrastructure for the continuation of the Citrus Avenue right-of-way. A kayak launch with 10 parking spaces and 1 handicap space to be installed and open for the public to use. The kayak launch is currently under construction.

Site Plan

The current applicant, Schulke, Bittle & Stoddard, LLC is proposing to build a 12 unit multi-family development that includes 2 (6 unit) buildings with garages located on the east side of Indian River Drive just south of Citrus Avenue. The buildings will consist of a lobby, mechanical rooms, and elevators. Each building will consist of three (3) floors of multi-family units with two (2) units on each floor. The applicant is proposing a one-way driveway along the Indian River Drive roadway for parking. The project contains two (2) residential buildings on approximately .96 acres of land. The structures will be a total height of 64'-8 ½" and will encompass 20.9 percent of the lot. A total of 23 parking spaces are provided including 2 handicap spaces. While 11 of the parking spaces are exposed to weather, the remainder is located inside of the designated garages for each condominium owner with one garage being handicap accessible. Though parking and building footprint claim 59.5 percent of the site, green open space is noted at 40.5 percent. The kayak park with a total of seven (7) parking spaces (one handicap space) at Citrus Avenue is currently under construction. Residents of this development will enjoy the addition of a community pool with two restrooms, along with a patio area with furniture for recreation. The typical layout for each unit will be 3 bedrooms, 2 ½ bathrooms, and traditional support rooms.

Design Review

This property is part of the River's Edge Historic District which was enacted via Resolution 3-10 in February of 2003. A number of contributing structures help to support this district and is the location of some of the City of Fort Pierce's earliest homes. This historic district capitalizes on the many architectural styles that have been present for a number years such as Mediterranean Revival, Wood Frame Vernacular, Masonry Vernacular, Ranch, Dutch and many more. Because the River's Edge Historic district has a variety of architectural styles that help its intent, staff is confident that this new development would be an appropriate addition to the area.

This designation will require the applicant to go before the Historic Preservation Board for a Certificate of Appropriateness; for design review and if exterior renovations are needed for ADA Compliance. Given the proposed use and the proposed zoning designation of the site, the site is considered to be conforming with regard to use. The (PD) Planned Development Zoning District is intended to provide a process for the evaluation of individually planned developments which are not otherwise permitted in the zoning districts established by this chapter. The PD District is to be a voluntary process commenced by an applicant for such zoning designation. The standards and procedures of this district are intended to promote flexibility of design and permit planned diversification and integration of uses and structures, while at the same time granting the city commission the absolute authority to establish such limitations and regulations as it deems necessary to protect the public health, safety and general welfare.

The architectural style will be of Key West aesthetic with simulated wood siding stucco material on the elevation and a standing seam metal roof. Other architectural features include decorative cypress outlookers, decorative aluminum guardrails, and decorative bahama shutters. Such a style complies with City Design Review standards, as it encourages the use of regional architectural patterns in new developments. Appropriate detailing and fenestrations are present on both the east and west elevation, enhancing the architectural style and giving visual relief along the long stretch of frontage visible from the public right-of-way. These features along with the many facets of the project have been reviewed and comply with Design Review standards present in code Section 22-59.

The design features will enhance or preserve the quality of the surrounding area so as not to detract from existing property values or impact adversely on existing scenic, natural, or historic beauty. Per City Code Section 22-59. – Design Review(d)(2); the following standards are considered for approval:

(i)
The design, including landscape features, is architecturally compatible with surrounding structures so as to be reasonably harmonious in landscaping, style, and color;
(ii)
If the property is located within a historic preservation district, the design features are reasonably consistent with the historic character of the predominant architectural style within the district;
(iii)
The design features will enhance or preserve the quality of the surrounding area so as not to detract from existing property values or impact adversely on existing scenic, natural, or historic beauty;
(iv)
The design avoids undue monotony in structural design features.
The board may condition recommendation for approval upon an applicant obtaining of a suitable variance pursuant to article VIII from the board of adjustment.

Prior to City Commission approval the applicant must submit a Certificate of Appropriateness Application (including building materials and colors) for consideration by the Historic Preservation Board and is scheduled for their September 24, 2018 meeting.

Landscaping

Plentiful vegetation is proposed to be installed throughout the site. The interior landscaping will consist of 40 trees; the subject trees will consist of six (6) different botanical species. The trees consist of 9 Pitch Apples, 2 Christmas Tree Palms, 6 Fox Tail Palms, 15 Maypan Coconuts, and 8 Montgomery Palms. The refuse collection area will be placed between the row of garages on the western portion of the proposed project. Currently, there are no trees to be mitigated for the proposed development. A Podocarpus hedge will be aligned along the south, west, and northern boundaries of the development. Native Green Island Ficus will be installed as grass. Per Planned Development Guidelines, development parameters including permitted uses; landscaping has been provided for.

Rezoning

Pursuant to City Code Section 22-131 before an amendment, including a zoning atlas change, is approved, findings will be made that the following standards are satisfied:

(1) The amendment is consistent with the comprehensive plan;
(2) The amendment will not have an adverse effect on the ability of the city to:
    a. Satisfy land and water use needs; and
    b. Meet transportation demands and provide community facilities and services; and
(3) The amendment will promote and protect the public health, safety and general welfare.

Staff finds the presented request is in compliance with the City Code.

Comprehensive Plan

The subject property is designated with a Central Business District (CBD) future land use. The CBD designation mixed-use high-rise development and single-use or mixed-use development that includes ground floor office/retail beneath residential apartments and condominiums. The CBD is intended to provide higher density mixed-use development within downtown Fort Pierce. Uses within the CBD shall include residential (condominiums and apartments); office including artist work and sales space; retail including boutiques, cafes, and restaurants; fuel sales; hotels/motels; parks and recreation; governmental facilities; complementary parks and parking facilities. This land use designation allows a maximum density of 30 dwelling units per acre and a maximum FAR of 3.0.

The nature, intensity, and hours of operation of the multi-family development are appropriately classified and suited for the designated area which will provide an environment conducive to the surrounding uses.

Technical Review Committee

All affected departments have reviewed the proposed Development Plan with regards to consistency with established ordinances and requirements of the City Code. Findings and comments from review by the corresponding departments, and the responses and plan amendments by the applicant are provided for consideration by the Planning Board.

Planning Board:

The Planning Board at their September 11, 2018 meeting voted 5-0 to recommend approval of the request as presented.

Public Notification:

42 letters were sent to property owners within 500 feet of the subject property. 0 letters have been returned in favor of the request and 0 letters have been returned in opposition to the request.

Staff Recommendation:
The proposed zoning atlas amendment, Design Review and Planned Development (PD) to rezone the subject site and development to create a defined development plan and support facilities for the intended user upon the subject site. The request for a Planned Development is generally consistent with the processes outlined in the Land Development Code, the underlying intensity of the proposed use is consistent with the Future Land Use Element of the City's Comprehensive Plan for the Central Business District; therefore staff recommends that the City Commission **approve** the presented plan (PD) and rezoning request with the following conditions:

1) Site Lighting is provided in accordance with Land Development Code 22-60(j)(1) Off Street Parking and Loading at the time of Building Permit Review.

2) Please provide an updated traffic impact statement.

ORDINANCE NO. 18-036

AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA; **REZONING** THE PROPERTY GENERALLY LOCATED AT **401 & 411 S. INDIAN RIVER DRIVE**, FROM C-1, OFFICE COMMERCIAL ZONE, TO PD, PLANNED DEVELOPMENT; FURTHER **APPROVING A DEVELOPMENT PLAN** PURSUANT TO SECTION 22-40, PROVIDING FOR A SEVERABILITY CLAUSE; PROVIDING FOR REPEAL OF ORDINANCES OR PARTS THEREOF IN CONFLICT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the subject property is generally located at 401 & 411 S. Indian River Drive, within the City of Fort Pierce, Florida, representing approximately 0.957 Acres of land; and

WHEREAS, the subject site is presently designated C-1, Office Commercial Zone; and

WHEREAS, the applicant seeks rezoning of the approximate 0.96 acre subject site, Parcel ID: 2410-808-0017-000-7, from C-1, Office Commercial Zone to PD, Planned Development; and

WHEREAS, the applicant has concurrently filed a proposed development plan pursuant to City Code Section 22-40 to adjoin the proposed rezoning; and

WHEREAS, the proposed zoning atlas amendment (rezoning) and coupled development plan is consistent with the comprehensive plan, and will not have an adverse effect on the ability of the city to satisfy land and water use needs, and meet transportation demands and provide community facilities and services, and will promote and protect the public health, safety and general welfare as required by City Code 22-131; and

WHEREAS, the City of Fort Pierce Planning Board, at their September 11th, 2018 meeting, voted unanimously to recommend approval of the proposed Zoning Atlas Amendment for Ordinance 18-036.

NOW, THEREFORE, BE IT ORDAINED by the City Commission of the City of Fort Pierce, Florida as follows:

SECTION 1. From and after the effective date hereof, the following property is shown on Exhibit “A” and is legally described as:

401 & 411 S. Indian River Drive, Parcel ID: 2410-808-0017-000-7 & 2410-808-0019-000-1
LEGAL DESCRIPTION:
A PORTION OF LOTS 1, 2, & 3, BLOCK D, ANDREWS & RICHARDS ADDITION TO FORT PIERCE, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 191, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA; BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

COMMENCE AT THE NORTHWEST CORNER OF SAID LOT 1, BLOCK D, RUN SOUTH 89 DEGREES 54’ 45” EAST (BASIS OF BEARINGS) ALONG THE NORTH LINE OF SAID LOT 1, A DISTANCE OF 233.86 FEET TO EAST RIGHT OF WAY LINE OF SOUTH INDIAN RIVER DRIVE AS IT NOW EXISTS AND THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 89 DEGREES 54’ 45” EAST A DISTANCE OF 185.35 FEET MORE OR LESS TO THE MEAN HIGH WATERLINE OF

THE INDIAN RIVER; THENCE MEANDERS THE FOLLOWING COURSES ALONG SAID MEAN HIGH WATER LINE:

SOUTH 12 DEGREES 48’ 00” WEST, 8.26 FEET;
SOUTH 58 DEGREES 13’ 42” WEST, 9.06 FEET;
SOUTH 06 DEGREES 07’ 58” WEST, 13.79 FEET;
SOUTH 09 DEGREES 07’ 21” EAST, 14.54 FEET;
SOUTH 03 DEGREES 31’ 57” WEST, 19.99 FEET;
SOUTH 12 DEGREES 04’ 46” WEST, 20.07 FEET;
SOUTH 13 DEGREES 57’ 10” WEST, 18.67 FEET;
SOUTH 08 DEGREES 49’ 52” WEST, 20.82 FEET;
SOUTH 07 DEGREES 46’ 49” WEST, 20.03 FEET;
SOUTH 04 DEGREES 55’ 27” WEST, 20.40 FEET;
SOUTH 02 DEGREES 28’ 32” WEST, 21.34 FEET;
SOUTH 01 DEGREES 38’ 25” WEST, 21.96 FEET;
SOUTH 03 DEGREES 55’ 25” EAST, 24.77 FEET;
SOUTH 07 DEGREES 08’ 40” EAST, 19.45 FEET;
SOUTH 07 DEGREES 33’ 23” EAST, 15.75 FEET TO THE SOUTH LINE OF SAID LOT 3, BLOCK D; THENCE RUN NORTH 89 DEGREES 51’ 32” WEST ALONG SAID SOUTH LINE, A DISTANCE OF 136.50 FEET MORE OR LESS TO THE EAST RIGHT OF WAY LINE OF SAID SOUTH INDIAN RIVER DRIVE; THENCE LEAVING SAID SOUTH LINE RUN NORTH 11 DEGREES 43’ 16” WEST, A DISTANCE OF 52.07 FEET; THENCE RUN NORTH 01 DEGREES 27’ 42” EAST, A DISTANCE OF 123.67 FEET TO THE POINT OF BEGINNING.

CONTAINING 41,710.64 SQUARE FEET OR 0.96 ACRES, MORE OF LESS.

Shall be and the same is hereby rezoned from C-1, Office Commercial Zone, to PD, Planned Development; said property being generally located at 401 & 411 S. Indian River Drive in Fort Pierce, Florida.

SECTION 2. The Development Plan for the subject Planned Development as depicted on Exhibit “B” which is attached hereto and incorporated herein by reference, be and the same are hereby approved, and shall serve as the Development Plan associated with the subject Planned Development.

SECTION 3. The provisions of this Ordinance are declared to be severable and if any section, sentence, clause, or phrase of this Ordinance shall, for any reason, be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

SECTION 4. All ordinances or parts of ordinances in conflict herewith are and the same shall be repealed and shall be of no further force or effect whatsoever.

SECTION 5. This Ordinance is and the same shall become effective immediately upon final passage.

APPROVED AS TO FORM & CORRECTNESS:

_____
Benjamin Bryan Jr., Esq.

Interim City Attorney

STATE OF FLORIDA

COUNTY OF ST. LUCIE

WE, THE UNDERSIGNED, Mayor Commissioner and the City Clerk of the City of Fort Pierce, Florida, do hereby certify that the foregoing and above Ordinance No. 18-036 was duly advertised by title only in the St. Lucie News Tribune on September 30th, 2018; copy of said Ordinance was made available at the office of the City Clerk to the public upon request; said Ordinance was duly introduced, read by title only, and passed on first reading by the City Commission of the City of Fort Pierce, Florida, on October 15th, 2018; and was duly introduced, read by title only, and passed on second and final reading November 5th, 2018 by the City Commission of the City of Fort Pierce, Florida.

IN WITNESS HEREWITH, we hereunto set our hands and affix the Official Seal of the City of Fort Pierce, Florida, this 6th day of November, 2018.

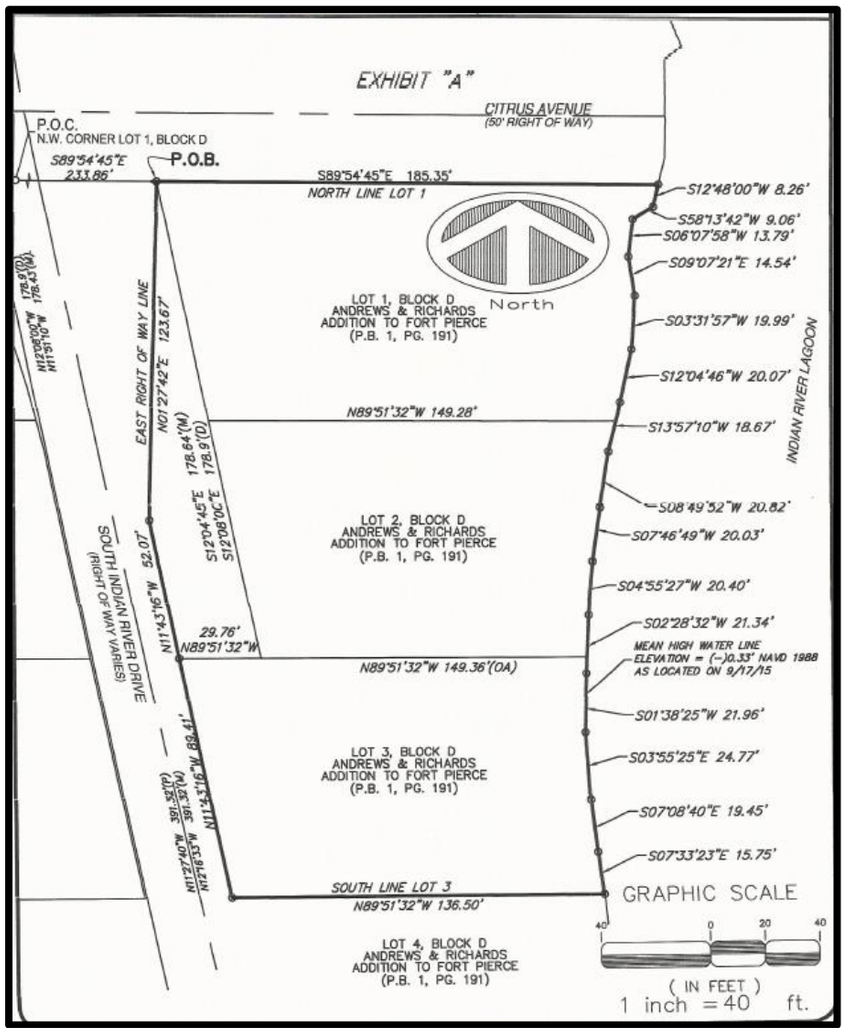
_____
Linda Hudson
MAYOR COMMISSIONER

ATTEST:

(CITY SEAL)

_____
Linda W. Cox
CITY CLERK

EXHIBIT A
Sketch & Legal Description of Subject Property



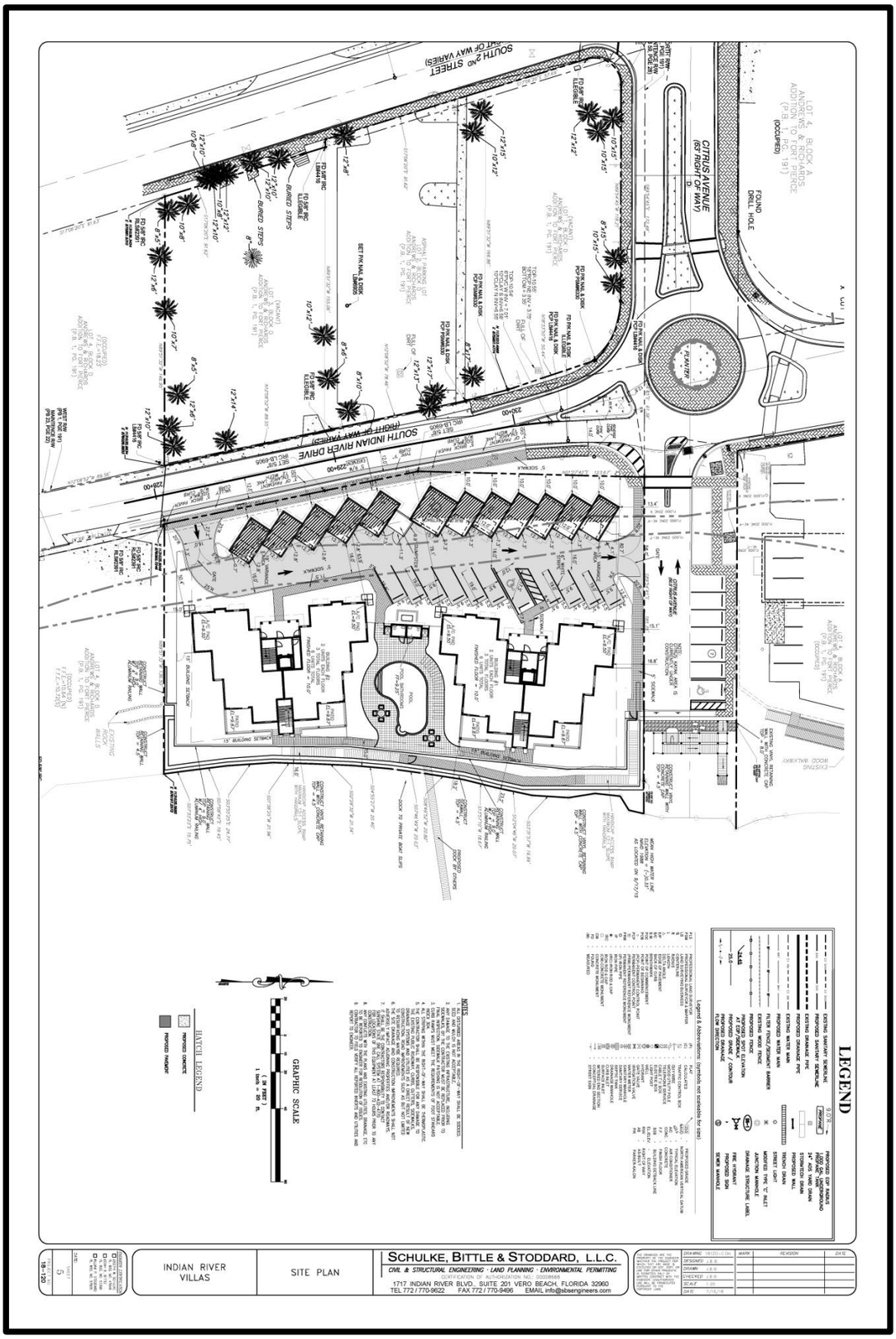
Parcel ID: 2410-808-0017-000-7
LEGAL DESCRIPTION:
A PORTION OF LOTS 1, 2, & 3, BLOCK D, ANDREWS & RICHARDS ADDITION TO FORT PIERCE, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 1, PAGE 191, OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA; BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

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SOUTH 08 DEGREES 49’ 52” WEST, 20.82 FEET;
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CONTAINING 41,710.64 SQUARE FEET OR 0.96 ACRES, MORE OF LESS.

EXHIBIT B
Planned Development





NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

SHEET	12
JOB NO.	18-120

INDIAN RIVER VILLAS

AERIAL PLAN

SCHULKE, BITTLE & STODDARD, L.L.C.
CIVIL & STRUCTURAL ENGINEERING · LAND PLANNING · ENVIRONMENTAL PERMITTING
CERTIFICATION OF AUTHORIZATION NO.: 00008668
1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FLORIDA 32960
TEL 772 / 770-9622 FAX 772 / 770-9496 EMAIL info@sbsengineers.com

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DRAWING	18120-CON
DESIGNED	J.B.B.
DRAWN	J.B.B.
CHECKED	J.B.B.
SCALE	1:30
DATE	7/16/18

MARK	REVISION	DATE

LEGEND

EX SAN / EX SAN	EXISTING SANITARY SEWERLINE	9.0'R / PROPANE	PROPOSED EOP RADIUS 1,000 GAL UNDERGROUND PROPANE TANK
SAN / SAN	PROPOSED SANITARY SEWERLINE		24" ADS YARD DRAIN
	EXISTING DRAINAGE PIPE		STORMTECH DRAIN
	PROPOSED DRAINAGE PIPE		PROPOSED WALL
EX WM / EX WM	EXISTING WATER MAIN		TRENCH DRAIN
WAT / WAT	PROPOSED WATER MAIN		STREET LIGHT
SF / SF / SF	FILTER FENCE/SEDIMENT BARRIER		MODIFIED TYPE 'C' INLET
	EXISTING WOOD FENCE	Ⓓ	JUNCTION MANHOLE
	PROPOSED FENCE	DS-1	DRAINAGE STRUCTURE LABEL
24.45	PROPOSED SPOT ELEVATION AT EOP/SIDEWALK		FIRE HYDRANT
25.0	PROPOSED GRADE / CONTOUR		PROPOSED SIGN
	PROPOSED DRAINAGE FLOW DIRECTION	Ⓢ	SEWER MANHOLE

Legend & Abbreviations: (symbols not scaleable for size)

PLS	PROFESSIONAL LAND SURVEYOR	(P)	PLAT	25.5	PROPOSED GRADE
PSM	PROFESSIONAL SURVEYOR & MAPPER	(C)	CALCULATED	NAVD	NORTH AMERICAN VERTICAL DATUM
LB	LAND SURVEYING BUSINESS		TRAFFIC CONTROL BOX	x23.5	TYPICAL ELEVATION
℄	CENTERLINE		GUY WIRE	A/C	AIR CONDITIONER
R	RADIUS		WOOD UTILITY POLE	CONC.	CONCRETE
L	LENGTH		TELEPHONE SERVICE	F.F.	FINISH FLOOR
△	DELTA ANGLE		CABLE T.V. BOX	BSB	BUILDING SETBACK LINE
E/P	EDGE OF PAVEMENT		ELECTRIC BOX	EL./ELEV.	ELEVATION
B/C	BACK OF CURB		LIGHT POST	R/W	RIGHT OF WAY
B.M.	BENCHMARK		WELL	AB	AS-BUILT
POC	POINT OF COMMENCEMENT		HYDRANT	P/K	PARKER-KALON
POB	POINT OF BEGINNING		GATE VALVE		
ρ	(PCP) PERMANENT CONTROL POINT		IRRIGATION VALVE		
PCP	PERMANENT CONTROL POINT		WATER METER		
⊞	(PRM) PERMANENT REFERENCE MONUMENT		SANITARY MANHOLE		
PRM	PERMANENT REFERENCE MONUMENT		SANITARY SERVICE		
○	(IP) IRON PIPE		SEPTIC TANK		
IP	IRON PIPE		DRAINAGE MANHOLE		
◉	(IRC) IRON ROD & CAP		CURB INLET		
IRC	IRON ROD & CAP		SURFACE INLET		
□	(CM) CONCRETE MONUMENT		MITERED END SECTION		
CM	CONCRETE MONUMENT		CONCEPTUAL DRAINAGE		
FD	FOUND		STREET SIGN		
(M)	MEASURED				

NOTES

1. ALL DISTURBED AREAS IN THE RIGHT-OF-WAY SHALL BE SODDED. SEED AND MULCH IS NOT ACCEPTABLE.
2. ANY DAMAGE TO THE EXISTING INFRASTRUCTURE, INCLUDING SIDEWALKS, BY THE CONTRACTOR MUST BE REPLACED PRIOR TO FINAL INSPECTION. SIDEWALK PATCHING IS NOT ACCEPTABLE.
3. CURB RAMPS MUST MEET THE REQUIREMENTS OF FDOT STANDARD INDEX 304.
4. ALL STRIPING WITHIN THE RIGHT-OF-WAY SHALL BE THERMOPLASTIC.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING PUBLIC ROADWAY, CURBS, GUTTERS, SIDEWALKS, DRAINAGE SYSTEMS AND UTILITIES AS A DIRECT RESULT OF NEW CONSTRUCTION. ROAD IMPROVEMENTS SUCH AS BUT NOT LIMITED TO RESURFACING MAYBE REQUIRED.
6. THE SITE DRAINAGE AND CONSTRUCTION IMPROVEMENTS SHALL NOT ADVERSELY IMPACT ADJOINING PROPERTIES AND/OR ROADWAYS.
7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT SUNSHINE STATE ONE CALL SYSTEM AT 1-800-432-4770 FOR LOCATIONS OF THIS EQUIPMENT AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION.
8. ANY CONFLICTS WITH THE PLANS AND EXISTING UTILITIES, DRAINAGE, ETC TO BE REPORTED TO ENGINEER FOR RESOLUTION OF ISSUES.
9. CONTRACTOR TO FIELD VERIFY ALL REPORTED INVERTS AND UTILITIES AND REPORT TO ENGINEER.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

HATCH LEGEND

PROPOSED CONCRETE

PROPOSED PAVEMENT

SCHULKE, BITTLE & STODDARD, L.L.C.
CIVIL & STRUCTURAL ENGINEERING - LAND PLANNING - ENVIRONMENTAL PERMITTING
CERTIFICATION OF AUTHORIZATION NO.: 00036668
1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FLORIDA 32960
TEL 772 / 770-9622 FAX 772 / 770-9496 EMAIL info@sbsengineers.com

DATE	DRAWING REVISIONS	BY
	ADDED EOP RADIUS	JB
	REVISED PER COMMENTS	JB
	REVISED PER COMMENTS	JB
	REVISED PER COMMENTS	JB
7/16/15	ADDED NOTES	JB

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SITE PLAN

INDIAN RIVER VILLAS

ENGINEER CERTIFICATION

KIM H. W. SCHULKE, FL. REG. NO. 47494

DAVID A. BITTLE, FL. REG. NO. 47493

WILLIAM A. STODDARD, FL. REG. NO. 57950

DATE:

SHEET 5

PROJECT NO. 18-120

LEGEND

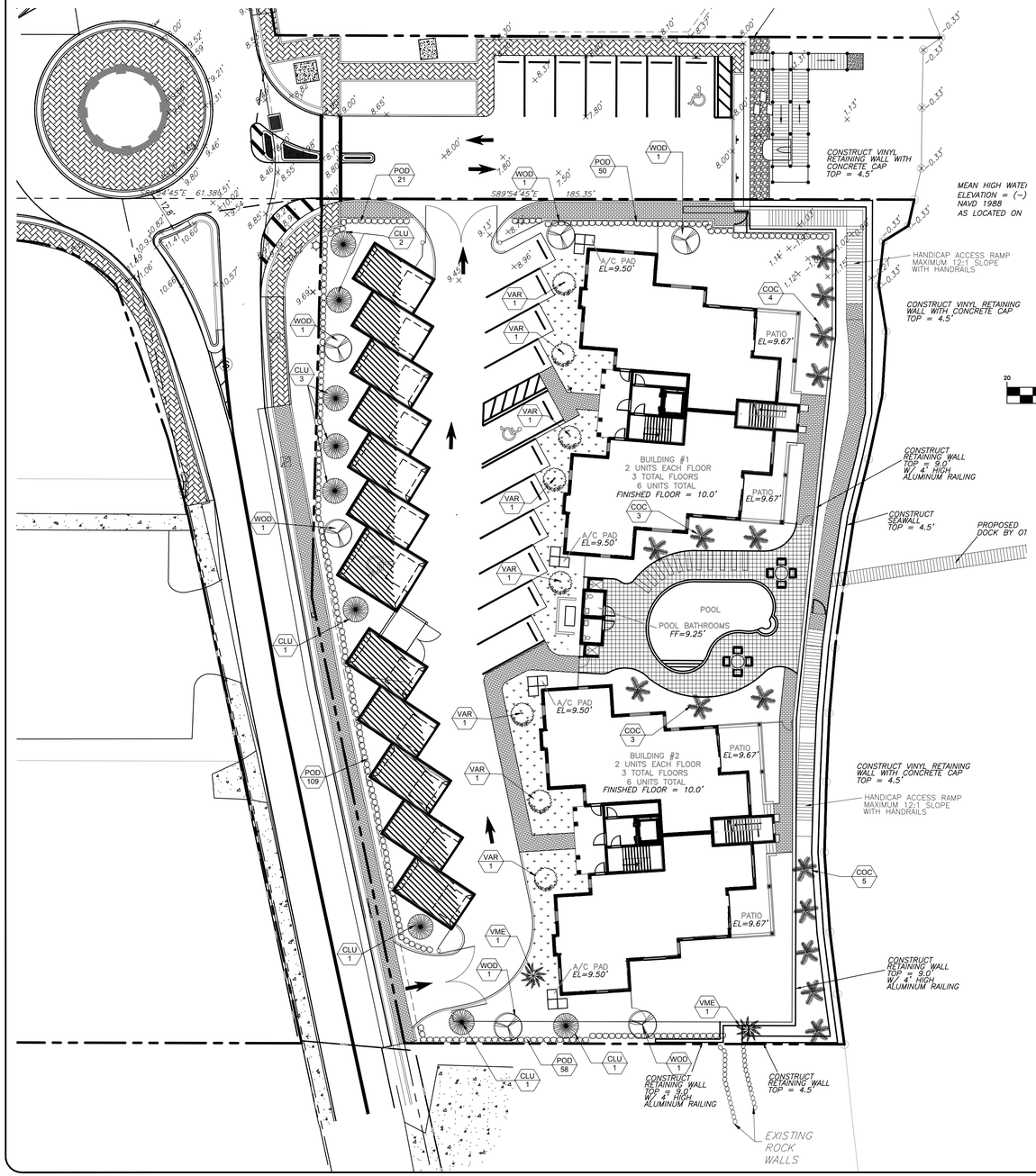
EX SAN EX SAN	EXISTING SANITARY SEWERLINE	9.0'R	PROPOSED EOP RADIUS
SAN SAN	PROPOSED SANITARY SEWERLINE	PROPANE	1,000 GAL UNDERGROUND PROPANE TANK
	EXISTING DRAINAGE PIPE		24" ADS YARD DRAIN
	PROPOSED DRAINAGE PIPE		STORMTECH DRAIN
EX WM EX WM	EXISTING WATER MAIN		PROPOSED WALL
WAT WAT	PROPOSED WATER MAIN		TRENCH DRAIN
SF SF SF	FILTER FENCE/SEDIMENT BARRIER		STREET LIGHT
	EXISTING WOOD FENCE		MODIFIED TYPE 'C' INLET
	PROPOSED FENCE		JUNCTION MANHOLE
24.45	PROPOSED SPOT ELEVATION AT EOP/SIDEWALK	DS-1	DRAINAGE STRUCTURE LABEL
25.0	PROPOSED GRADE / CONTOUR		FIRE HYDRANT
	PROPOSED DRAINAGE FLOW DIRECTION		PROPOSED SIGN
			SEWER MANHOLE

HATCH LEGEND

- PROPOSED CONCRETE
- PROPOSED PAVEMENT

LANDSCAPE MATERIAL SCHEDULE

SYMBOL		AMOUNT	BOTANICAL NAME	COMMON NAME	SIZE	HGT	OTHER	NATIVE
	CLU	9	Clusia rosea	PITCH APPLE	2.5" DIA 4.5' AG	12'	5' SPREAD	YES
	VME	2	Veitchia merrillii	CHRISTMAS TREE PALM	10' CLEAR TRUNK	12'	5' SPREAD	YES
	WOD	6	Wodyetia bifurcata	FOX TAIL PALM	10' CLEAR TRUNK	12'	5' SPREAD	YES
	COC	15	Cocus nucifera	MAYPAN COCONUT	10' CLEAR TRUNK	12'	5' SPREAD	YES
	VAR	8	Veitchia arecina	MONTGOMERY PALM	10' CLEAR TRUNK	12'	5' SPREAD	YES
	POD	238	Podocarpus macrophyllus	PODOCARPUS	–	24"	24" O.C.	NO
	FIC	431	Ficus microcarpa	GREEN ISLAND FICUS	–	12"	24" O.C.	YES



Legend & Abbreviations: (symbols not scaleable for size)

PLS	-	PROFESSIONAL LAND SURVEYOR
PSM	-	PROFESSIONAL SURVEYOR & MAPPER
LB	-	LAND SURVEYING BUSINESS
℄	-	CENTERLINE
R	-	RADIUS
L	-	LENGTH
Δ	-	DELTA ANGLE
E/P	-	EDGE OF PAVEMENT
B/C	-	BACK OF CURB
B.M.	-	BENCHMARK
POC	-	POINT OF COMMENCEMENT
POB	-	POINT OF BEGINNING
○	-	(PCP) PERMANENT CONTROL POINT
PCP	-	PERMANENT CONTROL POINT
⊠	-	(PRM) PERMANENT REFERENCE MONUMENT
PRM	-	PERMANENT REFERENCE MONUMENT
O	-	(IP) IRON PIPE
IP	-	IRON PIPE
✱	-	(IRC) IRON ROD & CAP
IRC	-	IRON ROD & CAP
⊡	-	(CM) CONCRETE MONUMENT
CM	-	CONCRETE MONUMENT
FD	-	FOUND
(M)	-	MEASURED
(P)	-	PLAT
(C)	-	CALCULATED
	-	TRAFFIC CONTROL BOX
	-	GUY WIRE
	-	WOOD UTILITY POLE
	-	TELEPHONE SERVICE
	-	CABLE T.V. BOX
	-	ELECTRIC BOX
	-	LIGHT POST
	-	WELL
	-	HYDRANT
	-	GATE VALVE
	-	IRRIGATION VALVE
	-	WATER METER
	-	SANITARY MANHOLE
	-	SANITARY SERVICE
	-	SEPTIC TANK
	-	DRAINAGE MANHOLE
	-	CURB INLET
	-	SURFACE INLET
	-	MITERED END SECTION
	-	CONCEPTUAL DRAINAGE
	-	STREET SIGN
23.5	-	PROPOSED GRADE
NAVD	-	NORTH AMERICAN VERTICAL DATUM
23.5	-	TYPICAL ELEVATION
A/C	-	AIR CONDITIONER
CONC.	-	CONCRETE
F.F.	-	FINISH FLOOR
BSB	-	BUILDING SETBACK LINE
EL./ELEV.	-	ELEVATION
R/W	-	RIGHT OF WAY
AB	-	AS-BUILT
	-	PARKER-KALON

LANDSCAPE NOTES

SECTION 22-187. GENERAL LANDSCAPE CALCULATIONS

SECTION 22-187 (4) a and b.
NORTH PROPERTY LINE: 185.4 MINUS 45 LF (DRIVEWAYS) = 140.4 LF
REQUIRED:
1. LOTS UNDER 10,000 SF REQUIRE A MINIMUM 6' WIDE BUFFER ALONG ROADWAY
2. ONE (1) TREE / 300 SF
3. 36 INCH HIGH CONTINUOUS OPAQUE FEATURE

PROPOSED:
1. 6' WIDE LANDSCAPE BUFFER
2. 140.4 LF X 6 LF X 1 TREE/300 SF = 2.8 OR 3 TREES
3. CONTINUOUS HEDGE PLANTED AT 24" THAT WILL GROW TO 36" IN ONE YEAR AND MAINTAINED AT 6 FT THEREAFTER.
140.4 LF X 1 SHRUB / 2 LF = 70.2 OR 71 SHRUBS

WEST PROPERTY LINE: 265.8 MINUS 42 LF (DRIVEWAY) = 223.8 LF
REQUIRED:
1. LOTS UNDER 10,000 SF REQUIRE A MINIMUM 6' WIDE BUFFER ALONG ROADWAY
2. ONE (1) TREE / 300 SF
3. 36 INCH HIGH CONTINUOUS OPAQUE FEATURE

PROPOSED:
1. 6' WIDE LANDSCAPE BUFFER
2. 223.8 LF X 6 LF X 1 TREE/300 SF = 4.5 OR 5 TREES
3. CONTINUOUS HEDGE PLANTED AT 24" THAT WILL GROW TO 36" IN ONE YEAR AND MAINTAINED AT 6 FT THEREAFTER.
223.8 LF X 1 SHRUB / 2 LF = 111.9 OR 112 SHRUBS

SECTION 22-187 (6) a and b.
SOUTH PROPERTY LINE: 108.2 LF
REQUIRED:
1. 10 FT WIDE BUFFER
2. ONE (1) TREE / 200 SF
3. 6 FT HIGH CONTINUOUS OPAQUE FEATURE

PROPOSED:
1. 10' WIDE LANDSCAPE BUFFER
2. 108.2 LF X 10 LF X 1 TREE/200 SF = 5.4 OR 6 TREES
3. CONTINUOUS HEDGE PLANTED AT 24" THAT WILL GROW TO 36" IN ONE YEAR AND MAINTAINED AT 6 FT THEREAFTER.
108.2 LF X 1 SHRUB / 2 LF = 54.1 OR 55 SHRUBS

EAST PROPERTY LINE: NOT APPLICABLE BECAUSE IT BORDERS THE LAGOON

SECTION 22-187 (7) a and b.
INTERIOR VEHICLE USE AREAS: N/A – NO LOTS WITH MORE THAN 14,000 SF VEHICULAR USE AREA
TOTAL PLANTINGS REQUIRED:
TOTAL TREES REQUIRED: 3 + 5 + 6 = 14 TREES
TOTAL SHRUBS REQUIRED: 71 + 112 + 55= 238 SHRUBS

SEC. 22-187. – GENERAL LANDSCAPING REQUIREMENTS.

ALL LANDSCAPE PLANS SHALL MEET OR EXCEED THE FOLLOWING GENERAL LANDSCAPING REQUIREMENTS WHICH SHALL BE CONSIDERED COMPLIMENTARY TO THE LANDSCAPING PROVISIONS OF ANY OTHER CITY ORDINANCE. THIS SECTION SHALL NOT APPLY TO LOTS SUBJECT TO SECTION 22–186 ABOVE. A CERTIFICATE OF OCCUPANCY SHALL NOT BE ISSUED ON ANY PERMIT FOR THE USE, CONSTRUCTION, REPAIR OR RENOVATION OF ANY STRUCTURE WITHIN THE CITY, WHETHER RESIDENTIAL, COMMERCIAL, INDUSTRIAL OR ACCESSORY, UNLESS APPLICATION FOR ANY SUCH PERMIT IS ACCOMPANIED BY A DETAILED LANDSCAPE PLAN MEETING ALL REQUIREMENTS OF THIS ARTICLE. THE DEPARTMENT IS NOT AUTHORIZED TO EXEMPT THE PERMIT APPLICATION FROM ANY REQUIREMENT EXCEPT AS EXPRESSLY PROVIDED FOR IN THIS ARTICLE.

(1)REQUIREMENTS FOR PLANT MATERIALS. PLANT MATERIALS USED FOR CONFORMANCE WITH THIS ARTICLE SHALL MEET OR EXCEED THE STANDARDS FOR FLORIDA NO. 1 AS SET OUT IN THE MOST CURRENT EDITION OF "GRADES AND STANDARDS FOR NURSERY PLANTS PART 1 AND PART 2," STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE, TALLAHASSEE. THE CLERK'S OFFICE SHALL MAINTAIN A STOCK OF THESE MANUALS TO BE GIVEN TO PERMIT APPLICANTS, PARTICULARLY THOUGH NOT EXCLUSIVELY TO HOMEOWNERS, FOR THE APPLICANT'S USE IN SUBMITTING THE REQUIRED LANDSCAPE PLAN. ALL TREES REQUIRED BY THIS ARTICLE (EXCLUDING PALMS THAT ARE EXEMPT FROM THE GRADES AND STANDARDS) SHALL HAVE A FLORIDA NO. 1 OR BETTER "GRADES AND STANDARDS" CERTIFICATION TAG ATTACHED AT TIME OF DELIVERY THROUGH FINAL INSPECTION. GRASS SOD SHALL BE CLEAN AND FREE OF WEEDS, PESTS AND DISEASES.

TREES:

A. TREES USED TO MEET THE REQUIREMENTS OF THIS SECTION SHALL BE SPECIES WHICH WHEN PLANTED HAVE A HEIGHT OF AT LEAST TWELVE (12) FEET AND HAVE TRUNKS WHICH CAN BE MAINTAINED IN A CLEAN CONDITION FOR OVER FIVE (5) FEET OF CLEAR WOOD. AT PLANTING, THE TREES SHALL HAVE A DIAMETER OF AT LEAST TWO AND ONE–HALF (2½) INCHES AT A POINT FOUR AND ONE–HALF (4½) FEET ABOVE GROUND LEVEL AND A SPREAD OF AT LEAST FIVE (5) FEET (EXCEPT FOR PALMS WHICH SHALL HAVE A MINIMUM CLEAR TRUNK OF TEN (10) FEET).

B. TREES USED TO MEET THE REQUIREMENTS OF THIS SECTION SHALL ALSO BE SPECIES WHICH IN THE COUNTY NORMALLY GROW IN A MANNER SUCH THAT AT MATURITY THEY WILL HAVE A MINIMUM CROWN SPREAD OF FIFTEEN (15) FEET AND A MINIMUM HEIGHT OF FIFTEEN (15) FEET. TREES WHICH CAN MEET THE HEIGHT REQUIREMENT AT MATURITY BUT NOT THE CROWN REQUIREMENTS MAY BE GROUPED TO FORM A WIDER CROWN, BUT WILL BE COUNTED AS ONE TREE. THREE PALMS MAY BE SUBSTITUTED FOR ONE TREE PROVIDED THAT FIFTY (50) PER CENT OF REQUIREMENT SHALL BE TREES.

C. FIFTY (50) PER CENT OF THE REQUIRED TREES SHALL BE SPECIES OTHER THAN PALM TREES (PALMACEAE FAMILY) EXCEPT WHEN PLANTED IN ACCORDANCE WITH AN APPROVED PLAN PREPARED BY A FLORIDA REGISTERED LANDSCAPE ARCHITECT.

D. TREES OF SPECIES WHOSE ROOTS ARE KNOWN TO CAUSE DAMAGE TO PUBLIC ROADWAYS OR OTHER PUBLIC WORKS SHALL NOT BE PLANTED CLOSER THAN TWELVE (12) FEET TO SUCH PUBLIC WORKS, UNLESS THE TREE ROOT SYSTEM IS COMPLETELY CONTAINED WITHIN A BARRIER FOR WHICH THE MINIMUM INTERIOR CONTAINING DIMENSIONS SHALL BE THREE (3) FEET TIMES FIVE (5) FEET AND FIVE (5) FEET DEEP, AND FOR WHICH THE CONSTRUCTION REQUIREMENTS SHALL BE SIX–INCH THICK CONCRETE WITH FIBER MESH AND NO WIRE MESH OR BY A ROOT BARRIER PRODUCT APPROVED BY THE CITY ENGINEER.

E. NONE OF THE FOLLOWING TREES SHALL BE PLANTED IN THE CITY AND WHERE THEY PRESENTLY EXIST WHEN PERMIT APPLICATION IS MADE, THEIR REMOVAL SHALL BE A CONDITION OF ANY FINAL DEVELOPMENT ORDER: MELALEUCA, LEUCADENDRON (PUNK TREE), SCHINUS TEREBINTHIFOLIUS (BRAZILIAN PEPPER) AND CASUARINA SBP. (AUSTRALIAN PINE). NOR MAY ANY OF THE FOLLOWING TREES BE PLANTED FOR PURPOSES OF COMPLYING WITH REQUIREMENTS OF THIS ARTICLE: ANY SPECIES DESIGNATED AS CATEGORY I ON THE EXOTIC PLANT PEST COUNCIL'S CURRENT LIST OF "FLORIDA'S MOST INVASIVE SPECIES", CUPANIOPSIS ANACARDIOIDES (CARROTWOOD), DALBERGIA SISSOO (ROSEWOOD), ALBIZZIA LEBBECK (WOMAN'S TONGUE), ARAUCARIA HETEROPHYLIA (NORFOLK ISLAND PINE), GREVILLEA ROBUSTA (SILK OAK), MELIA AZADARACHA (CHINABERRY), FICUS SPP. (NON–NATIVE FICUS), EUCALYPTUS SPP. (EUCALYPTUS).

F. SHRUBS AND HEDGES. SHRUBS USED TO MEET THE REQUIREMENTS OF THIS SECTION SHALL BE A MINIMUM OF TWENTY–FOUR (24) INCHES IN HEIGHT WHEN PLANTED. HEDGES, WHERE REQUIRED, SHALL BE PLANTED AND MAINTAINED SO AS TO FORM A THIRTY–SIX–INCH OR HIGHER CONTINUOUS, UNBROKEN, SOLID, VISUAL SCREEN.

G. GROUND COVERS. GROUND COVERS USED IN LIEU OF GRASS, OR IN PART, TO MEET THE REQUIREMENTS OF THIS SECTION, SHALL BE PLANTED IN SUCH A MANNER AS TO PRESENT A FINISHED APPEARANCE AND REASONABLY COMPLETE COVERAGE WITHIN THREE (12) MONTHS AFTER PLANTING.

H. GRASS. GRASS USED TO MEET THE REQUIREMENTS OF THIS SECTION SHALL BE PLANTED WITH SPECIES NORMALLY GROWN AS PERMANENT LAWNS IN THE COUNTY. GRASS AREAS WILL BE SODDED, EXCEPT THAT PLUGGING, SPRIGGING OR SEEDING OF GRASSY AREAS IS PERMISSIBLE WITH RESPECT TO SINGLE– FAMILY AND TWO–FAMILY RESIDENTIAL LOTS; AS TO ALL LOTS, SOLID SOD SHALL BE USED IN SWALES, DETENTION OR RETENTION AREAS AND OTHER AREAS SUBJECT TO EROSION.

I. EXISTING PLANT MATERIAL. WHEN PLANT MATERIAL EXISTS ON A SITE PRIOR TO THE DATE APPLICATION FOR A PERMIT IS MADE, CREDIT MAY BE ALLOWED FOR SUCH PLANT MATERIAL PROVIDED THAT IT IS PROTECTED DURING CONSTRUCTION AND INCORPORATED INTO THE REQUIRED LANDSCAPING IN A MANNER WHICH SATISFIES THE REQUIREMENTS OF THIS ARTICLE.

(12) INSTALLATION OF LANDSCAPING. ALL LANDSCAPING REQUIRED BY THIS ARTICLE SHALL BE INSTALLED IN COMPLIANCE WITH THESE REQUIREMENTS:

A. LANDSCAPING SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN, INCLUDING ALL SPECIFIED CONDITIONS TO A PARTICULAR LANDSCAPE APPROVAL, AND INSPECTED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. SUCH INSPECTION SHALL INCLUDE VERIFICATION THAT PLANTING SOIL MEETS SPECIFIED COMPOSITION AND DEPTH REQUIREMENTS. IN THE EVENT THERE ARE ANY CHANGES TO THE APPROVED LANDSCAPE PLAN, SUCH CHANGES MUST BE REVIEWED AND APPROVED BY THE DEPARTMENT AND NOTED ON THE PLAN PRIOR TO NOTIFICATION FOR THE FINAL INSPECTION FOR A CERTIFICATE OF OCCUPANCY.

B. LANDSCAPED AREAS SHALL BE COVERED IN THEIR ENTIRETY WITH SHRUBS, GROUND COVER, TURF, OR THREE (3) INCHES OF BULK ORGANIC MULCH OR OTHER SUITABLE MATERIAL WHICH PERMITS PERCOLATION AND IS APPROVED BY THE DEPARTMENT. WHERE MULCH IS USED, IT MUST BE PROTECTED FROM WASHING OUT OF THE PLANTING BED. INORGANIC MULCH, SUCH AS GRAVEL OR ROCK, SHOULD ONLY BE USED WHERE WASHOUTS OCCUR. THE FINAL INSPECTION PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY, SHALL INCLUDE VERIFICATION THAT ANY MULCH IS INSTALLED AT THE REQUISITE DEPTH.

C. TREES WHICH ARE BALLED AND BURLAPED MUST HAVE THE BURLAP REMOVED OR FOLDED DOWN AT THE TIME OF THE PLANTING. ALL TWINE OR ROPE MUST BE REMOVED. IF WIRE BASKETS ARE USED, THE UPPER ROWS MUST BE CUT BEFORE PLANTING. REMOVE ALL SOIL FROM ABOVE THE ROOT FLARE AND PLANT THE TREE SO THE TOP OF THE ROOT BALL IS TEN (10) PER CENT ABOVE THE LANDSCAPE SOIL. DO NOT PLACE ANY SOIL OR MULCH OVER THE ROOT BALL. IF STAKES OR GUIDE WIRES ARE USED TO SUPPORT A TREE, THE WIRE MUST BE COVERED WITH PROTECTIVE MATERIAL WHERE IT IS IN CONTACT WITH THE TREE AND THE STAKES OR GUIDE WIRES MUST BE REMOVED AFTER ONE YEAR.

D. ALL LANDSCAPING REQUIRED BY THE CITY MUST BE PROTECTED FROM VEHICULAR AND PEDESTRIAN TRAFFIC BY THE INSTALLATION OF CURBING, WHEEL STOPS OR OTHER PROTECTIVE DEVICES ALONG THE PERIMETER OF ANY LANDSCAPING WHICH ADJOINS VEHICULAR USE AREAS OR SIDEWALKS. THESE PROTECTED DEVICES SHALL HAVE A MINIMUM HEIGHT OF SIX (6) INCHES ABOVE GRADE.

E. NO PARKING, DISPLAY OF VEHICLES OR OUTSIDE STORAGE OR DISPLAY OF MERCHANDISE IS PERMITTED IN OR OVER ANY REQUIRED LANDSCAPE AREA, NOR ARE VEHICLES PERMITTED TO OVERHANG ANY REQUIRED LANDSCAPED AREA.

F. SOIL, EXCEPT FOR PLANTING SOIL, IN WHICH REQUIRED LANDSCAPE IS TO BE INSTALLED MUST BE GENERALLY INDIGENOUS TO THE LOCALE. SOIL MUST BE LOOSE, FRIABLE, AND FREE OF LIMESTONE AND OTHER CONSTRUCTION MATERIALS, ROAD BASE MATERIAL, ROCKS, WEEDS, GRASSES, HARD PAN, CLAY OR OTHER DEBRIS. PH SHALL BE ADJUSTED WHERE NECESSARY TO BE COMPATIBLE WITH THE PLANT SPECIES BEING INSTALLED. SOIL SHALL BE SLIGHTLY SWALED TO RETAIN SURFACE STORMWATER. BACKFILL SOIL MATERIAL SHALL BE THOROUGHLY WATERED IN AND AROUND PLANT ROOT BALLS TO PREVENT ANY AIR POCKETS. THE USE OF AMENDED AND ENRICHED SOILS MAY BE REQUIRED BY THE DEPARTMENT WHERE NECESSARY TO INCREASE THE WATER RETENTION CAPABILITIES OF SOIL IN ORDER TO REDUCE THE AMOUNT OF WATERING NEEDED TO MEET THE LANDSCAPING WATER REQUIREMENT. FINAL INSPECTION OF REQUIRED LANDSCAPE PRIOR TO ISSUANCE OF THE CERTIFICATE OF OCCUPANCY SHALL INCLUDE PH TESTING TO VERIFY COMPATIBILITY WITH PERMITTED PLANTINGS.

G. TO MINIMIZE TRAFFIC HAZARDS AT STREET OR DRIVEWAY INTERSECTIONS, ALL LANDSCAPING INSTALLATIONS MUST PROVIDE UNOBSTRUCTED VIEWS AS REQUIRED IN SECTION 22–53

H. ANY IRRIGATION SYSTEM PLACED ON CITY RIGHT–OF–WAY WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER WHO SHALL RELOCATE, REPLACE OR REPAIR THE SYSTEM AS APPROPRIATE IN THE EVENT IT IS DAMAGED DUE TO PERMITTED CONSTRUCTION IN THE RIGHT–OF–WAY.

I. PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY, FINAL LANDSCAPE INSTALLATION SHALL BE CERTIFIED AS COMPLETE AND IN CONFORMANCE TO THE APPROVED LANDSCAPE PLAN BY SUBMISSION OF A CERTIFICATION LETTER BY A LANDSCAPE ARCHITECT.

(13)MAINTENANCE OF LANDSCAPING. PROPERTY OWNERS SHALL MAINTAIN ALL REQUIRED LANDSCAPING SO THAT IT CONTINUES TO PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE FREE OF REFUSE AND DEBRIS, IN CONFORMITY WITH THE FOLLOWING REQUIREMENTS:

A. VEGETATION REQUIRED BY THIS ARTICLE SHALL BE REPLACED WITH EQUIVALENT VEGETATION IF IT IS NOT LIVING. ALL TREES FOR WHICH CREDIT IS AWARDED AND WHICH SUBSEQUENTLY DIE SHALL BE REPLACED BY THE SAME NUMBER OF LIVING TREES ACCORDING TO THE STANDARDS ESTABLISHED IN THIS ARTICLE.

B. MAINTENANCE SHALL INCLUDE SUFFICIENT WEEDING, WATERING, FERTILIZING, PRUNING, MOWING, EDGING, MULCHING AND OTHER HORTICULTURAL PRACTICES SO AS TO ASSURE THAT THE LANDSCAPING CONTINUES TO MAINTAIN A HEALTHY, NEAT AND ORDERLY APPEARANCE.

LANDSCAPE CERTIFICATION:

JODAH B. BITTLE DATE
FCLD #DC1 70/HCI 6527

SCHULKE, BITTLE & STODDARD, L.L.C.
CIVIL & STRUCTURAL ENGINEERING · LAND PLANNING · ENVIRONMENTAL PERMITTING
CERTIFICATION OF AUTHORIZATION NO.: 00008668
1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FLORIDA 32960
TEL 772 / 770-9622 FAX 772 / 770-9496 EMAIL info@sbsengineers.com

LANDSCAPE PLAN

INDIAN RIVER VILLAS

SHEET CERTIFICATION
☐ JODAH B. BITTLE FL. REG. NO. 47049
☐ JOSH E. BITTLE FL. REG. NO. 57706
☐ WILLIAM P. SCHULKE FL. REG. NO. 57605

DATE:
SHEET 7A
PROJECT NO. 18–120

NO.	DATE	REVISIONS

DRAWN BY	CHECKED BY	DATE
JB/SS	JB/JB	7/19/18
JB/JMS	JB/JB	
JB/JMS	JB/JB	
JB/JMS	JB/JB	
JB/JMS	JB/JB	
JB/JMS	JB/JB	

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1 FRONT (WEST) ELEVATION
3/16" = 1'-0"
NOTE: REFER TO RENDERING FOR COLORS



2 REAR (EAST) ELEVATION
3/16" = 1'-0"
NOTE: REFER TO RENDERING FOR COLORS

Hal Lambert

architecture & construction

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AR0010952

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INDIAN RIVER VILLAS

12 UNIT CONDOMINIUM PROJECT (TWO IDENTICAL 6 UNIT BUILDINGS)
LOCATED AT SE CORNER OF CITRUS AVE. & SOUTH INDIAN RIVER DRIVE
FT. PIERCE, FLORIDA

FRONT & REAR ELEVATIONS

TYPICAL BUILDING

REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT NUMBER:	
DRAWN BY:	HL
CHECKED BY:	HL
PERMIT SET DATE:	8.22.18

SHEET

A6 OF **12**



1 LEFT (NORTH) ELEVATION
3/16" = 1'-0"
NOTE: REFER TO RENDERING FOR COLORS



2 RIGHT (SOUTH) ELEVATION
3/16" = 1'-0"
NOTE: REFER TO RENDERING FOR COLORS

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LOCATED AT SE CORNER OF CITRUS AVE. & SOUTH INDIAN RIVER DRIVE
FT. PIERCE, FLORIDA

LEFT & RIGHT ELEVATIONS

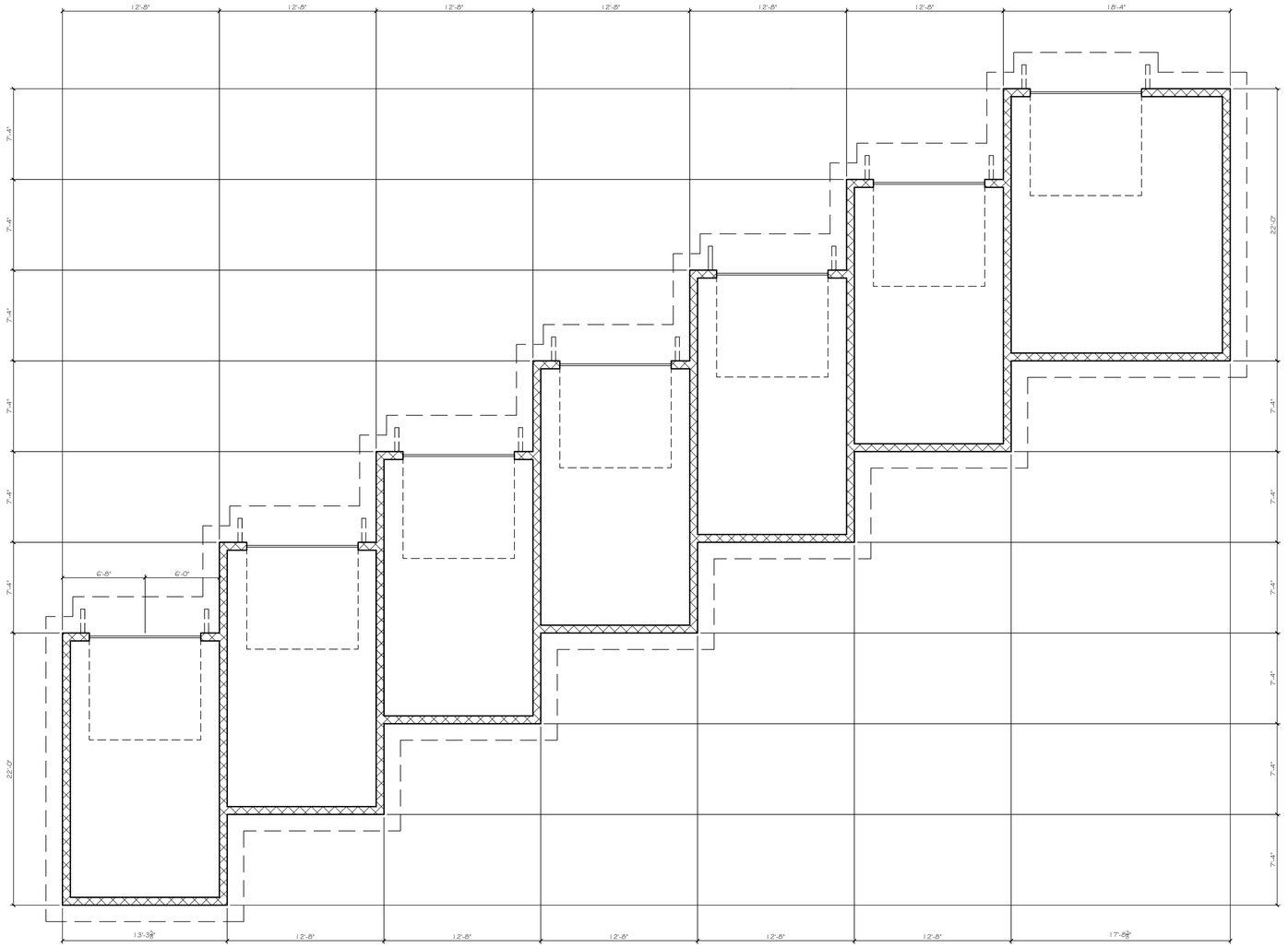
TYPICAL BUILDING

REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT NUMBER:	
DRAWN BY:	HL
CHECKED BY:	HL
PERMIT SET DATE:	8.22.18

SHEET
A7 OF 12



N

1 NORTH GARAGE PLAN
3/16" = 1'-0"

Hal Lambert

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& construction

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FT. PIERCE, FLORIDA

NORTH GARAGE PLAN

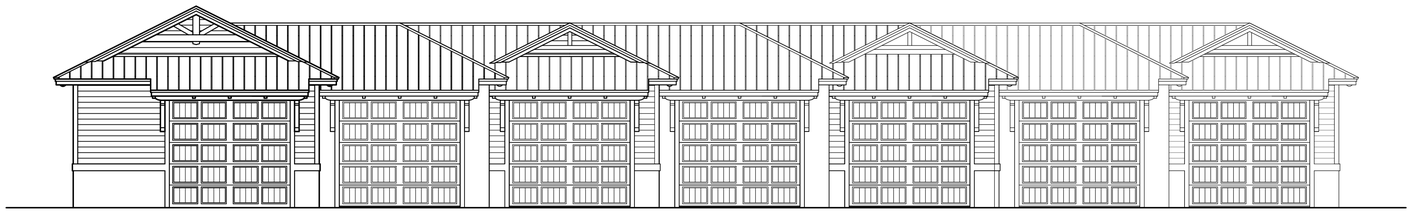
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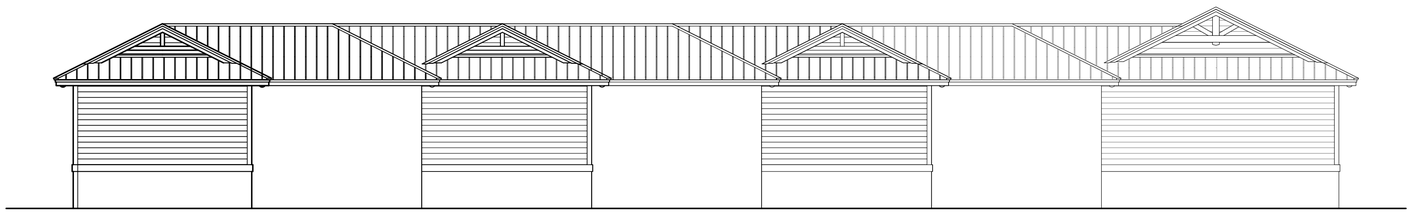
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CHECKED BY:	HL
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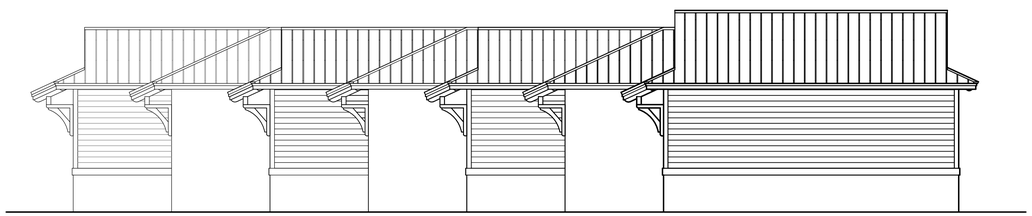
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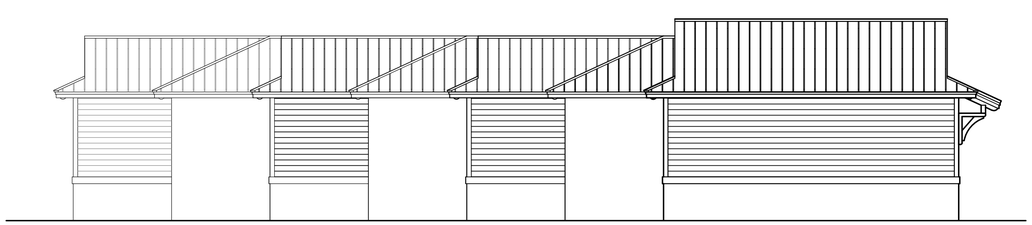
1 FRONT (EAST) ELEVATION
3/16" = 1'-0"



2 FRONT (EAST) ELEVATION
3/16" = 1'-0"



3 RIGHT (NORTH) ELEVATION
3/16" = 1'-0"



4 LEFT (SOUTH) ELEVATION
3/16" = 1'-0"

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FT. PIERCE, FLORIDA

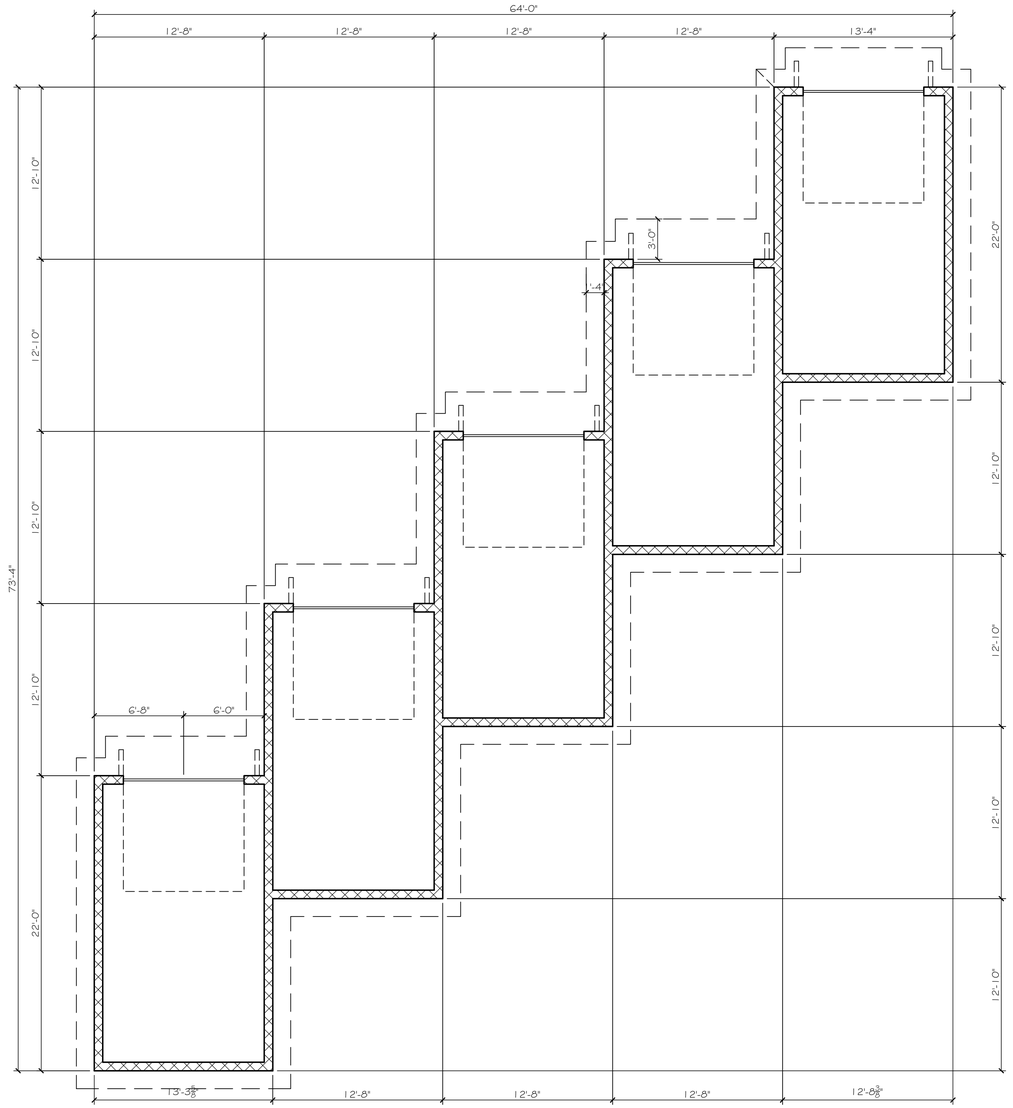
NORTH GARAGE ELEVATIONS

REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT NUMBER:	
DRAWN BY:	HL
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SHEET
A9 OF 12



N

1 SOUTH GARAGE PLABN
3/16" = 1'-0"

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SOUTH GARAGE ELEVATIONS

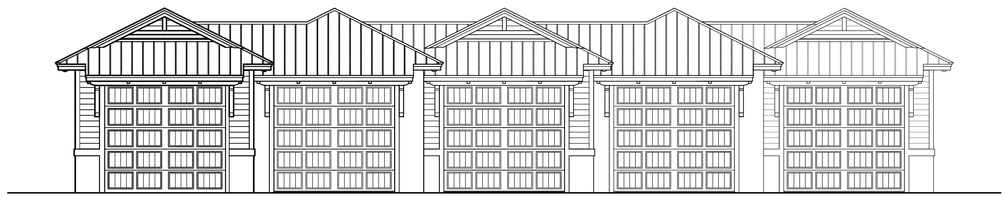
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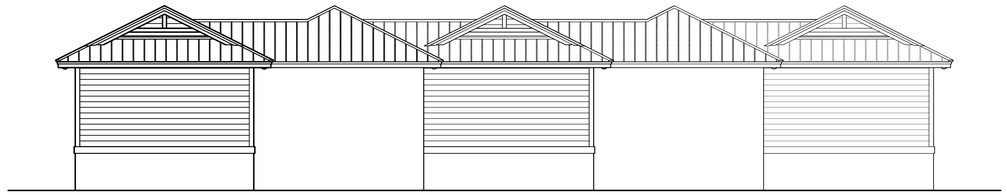
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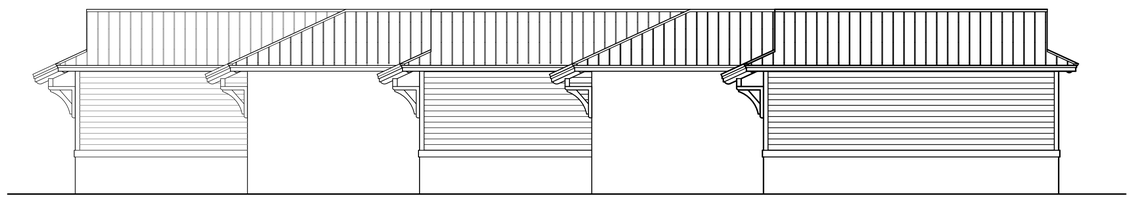
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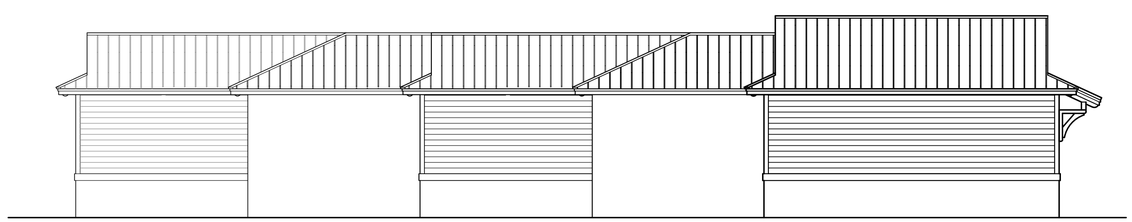
1 SOUTH GARAGE - FRONT (EAST) ELEVATION
3/16" = 1'-0"



2 SOUTH GARAGE - REAR (WEST) ELEVATION
3/16" = 1'-0"



3 SOUTH GARAGE - RIGHT (NORTH) ELEVATION
3/16" = 1'-0"



4 SOUTH GARAGE - LEFT (SOUTH) ELEVATION
3/16" = 1'-0"

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INDIAN RIVER VILLAS

12 UNIT CONDOMINIUM PROJECT (TWO IDENTICAL 6 UNIT BUILDINGS)

LOCATED AT SE CORNER OF CITRUS AVE. & SOUTH INDIAN RIVER DRIVE
FT. PIERCE, FLORIDA

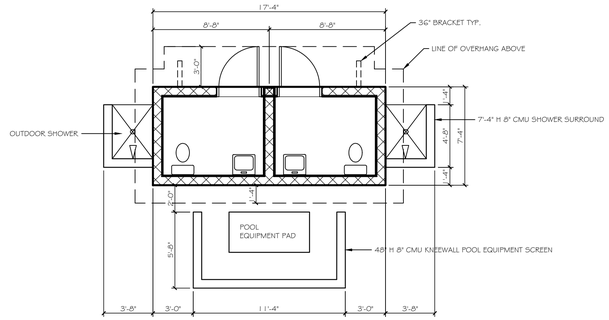
SOUTH GARAGE ELEVATIONS

REVISIONS:

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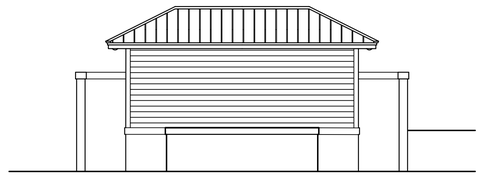
SHEET
A11 OF 12



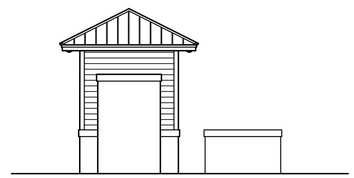
1 POOL BATHS
3/16" = 1'-0"



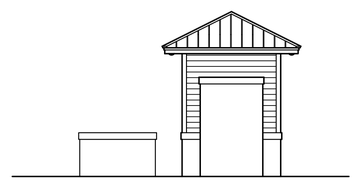
2 POOL BATHS - FRONT (EAST) ELEVATION
3/16" = 1'-0"



3 POOL BATHS - REAR (WEST) ELEVATION
3/16" = 1'-0"



4 POOL BATHS - RIGHT (NORTH) ELEVATION
3/16" = 1'-0"



5 POOL BATHS - LEFT (SOUTH) ELEVATION
3/16" = 1'-0"

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12 UNIT CONDOMINIUM PROJECT (TWO IDENTICAL 6 UNIT BUILDINGS)
LOCATED AT SE CORNER OF CITRUS AVE. & SOUTH INDIAN RIVER DRIVE
FT. PIERCE, FLORIDA

POOL BUILDING PLAN & ELEVATIONS

REVISIONS:

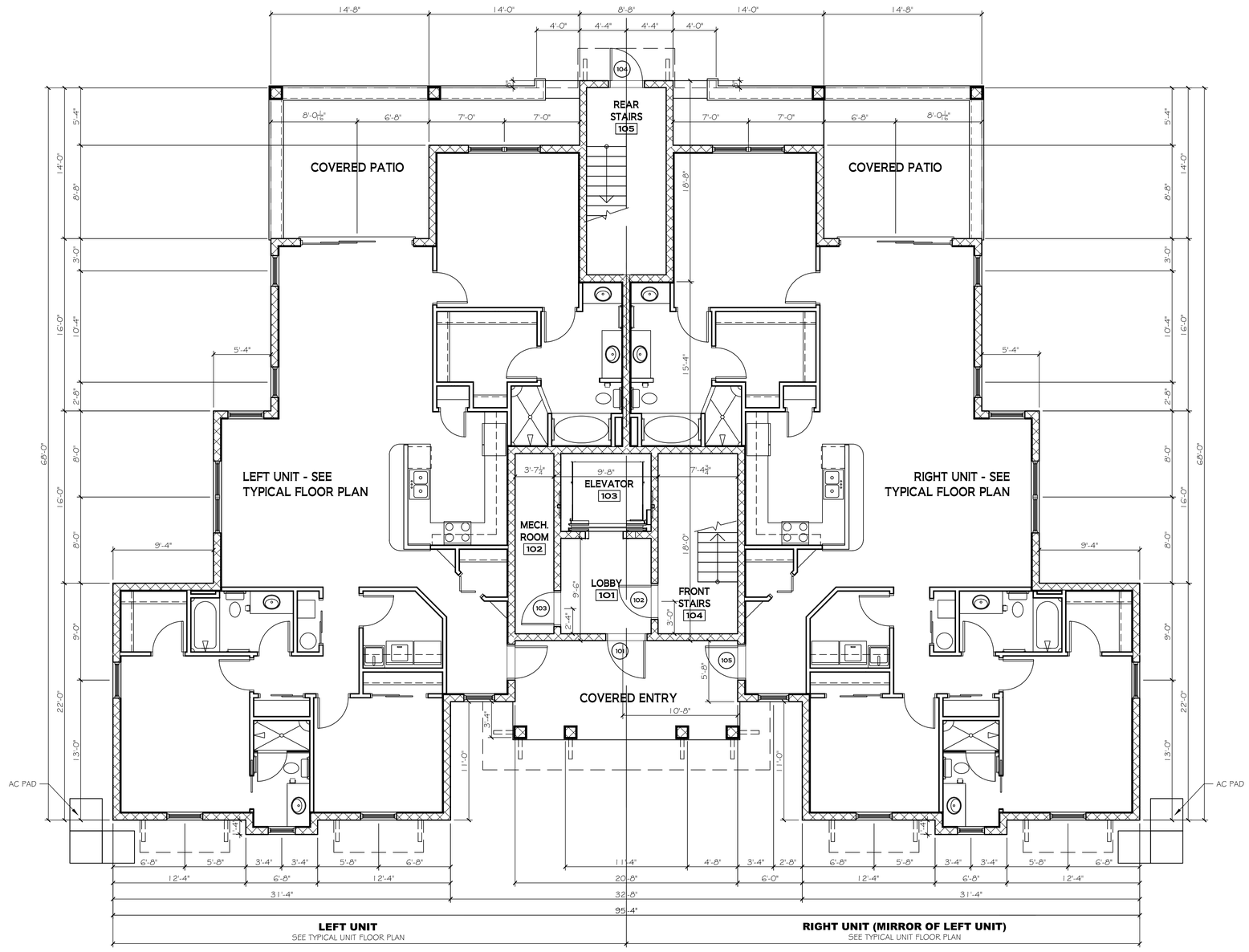
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SHEET
A12 OF 12







LEFT UNIT
SEE TYPICAL UNIT FLOOR PLAN

RIGHT UNIT (MIRROR OF LEFT UNIT)
SEE TYPICAL UNIT FLOOR PLAN

1 FIRST FLOOR PLAN - TYPICAL BUILDING
3/16" = 1'-0"

FIRST FLOOR SQUARE FOOTAGES

LEFT LIVING UNIT:	
AIR CONDITIONED LIVING SPACE:	1,885 SF
EXTERIOR COVERED DECK:	280 SF
RIGHT LIVING UNIT:	
AIR CONDITIONED LIVING SPACE:	1,885 SF
EXTERIOR COVERED DECK:	280 SF
COMMON AREA SPACES:	
AIR CONDITIONED LOBBY:	85 SF
UNCONDITIONED SPACES (STAIRS, EQUIPMENT RM.):	381 SF
UNCONDITIONED ELEVATOR SHAFT:	61 SF
EXTERIOR COVERED FRONT ENTRY:	186 SF
TOTAL BUILDING FOOTPRINT AREA UNDER ROOF:	5,043 SF

WALL TYPES

- TYPICAL EXTERIOR 8" CMU LOAD BEARING WALL - SEE EXTERIOR ELEVATIONS FOR EXTERIOR FINISH. ½" GWB OVER 1 X 2 P.T. FURRING @ 16" O.C. ON INTERIOR OF LIVING UNITS. FILL EMPTY CELLS WITH CORE-FILL 500 FOAM INSULATION.
- 8" CMU LOAD BEARING WALL W/ 3-COAT STUCCO WITH SPANISH TROWEL FINISH ON EXTERIOR AND 1-COAT STUCCO FINISH ON INTERIOR OF HABITABLE SPACE (STAIRWELLS & GARAGES). FILL CELLS WITH CORE-FILL 500 FLOAM INSULATION.
- INTERIOR UNIT SEPARATION WALL (SHADED): LOAD BEARING 8" CMU 2-HOUR FIRE SEPARATION WALL (ANSI/UL 263 DESIGN NO. U905) EXTENDING FROM FOUNDATION TO UNDERSIDE OF ROOF DECK W/ ½" GWB OVER 1 X 2 P.T. FURRING @ 16" O.C. BOTH SIDES. FILL CELLS WITH CORE-FILL 500 INSULATION.
- 10' (A.F.F.) HIGH (U.N.O.) TYPICAL INTERIOR NON-LOAD BEARING WALL - 3 5/8" 25 GA. METAL STUDS @ 24" O.C. W/ ½" GWB BOTH SIDES. PROVIDE HORIZONTAL FIREBLOCKING AT EVERY 10' MAX. W/ ½" GWB FASTENED TO STUD. PROVIDE WOOD BLOCKING AT PERIMETER OF OPENINGS AND WHEREVER NECESSARY FOR CABINETS AND SHELVING.
- SAME AS ABOVE, EXCEPT 6" W 25 GA. METAL STUDS @ 24" O.C. W/ ½" GWB BOTH SIDES (WALL BEHIND WASHER AND DRYER). PROVIDE WOOD BLOCKING AS NECESSARY FOR SHELVING.

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AR0010952

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INDIAN RIVER VILLAS

12 UNIT CONDOMINIUM PROJECT (TWO IDENTICAL 6 UNIT BUILDINGS)
LOCATED AT SE CORNER OF CITRUS AVE. & SOUTH INDIAN RIVER DRIVE
FT. PIERCE, FLORIDA

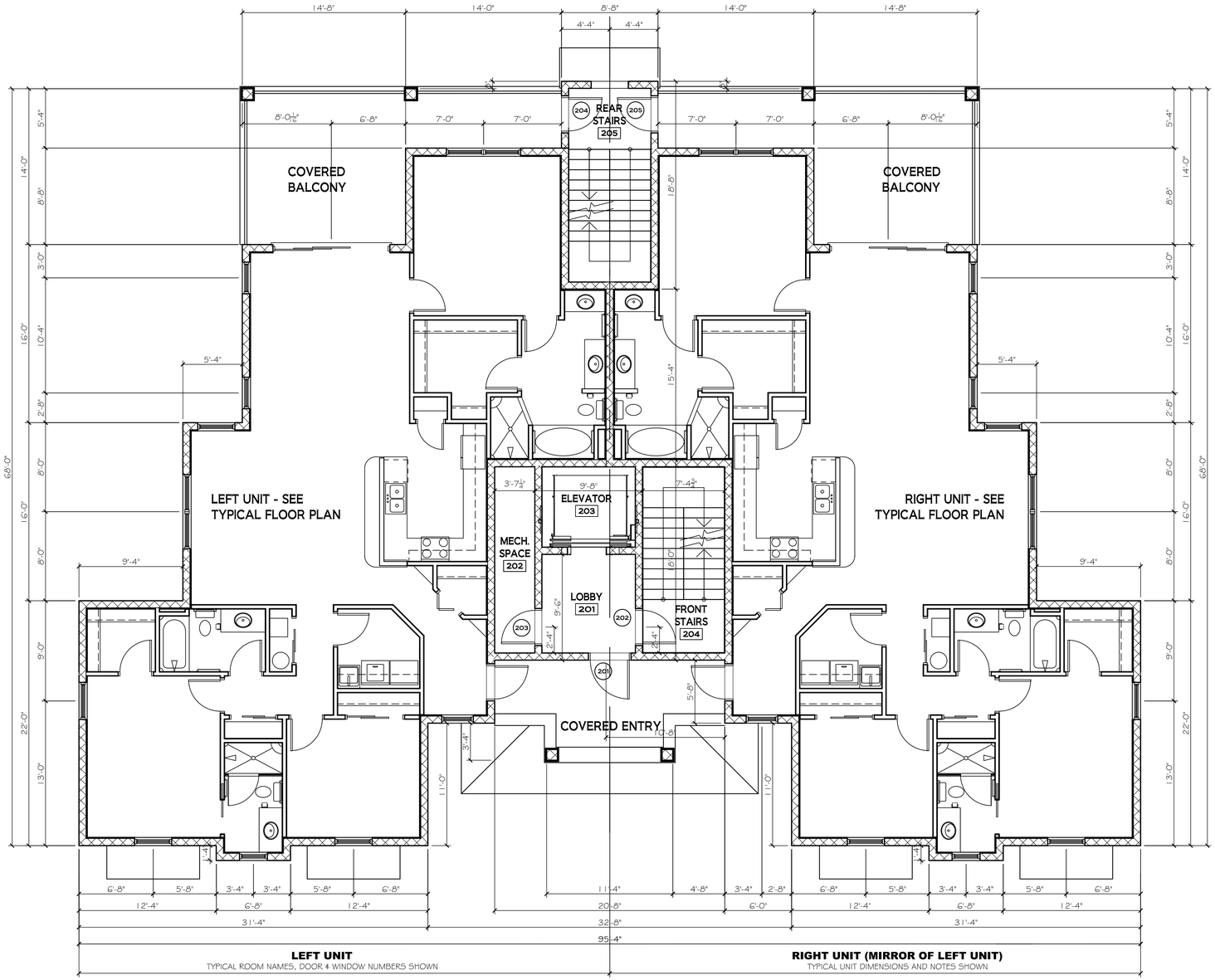
FIRST FLOOR PLAN
TYPICAL BUILDING

REVISIONS:

NO.	DATE	DESCRIPTION

PROJECT NUMBER:	
DRAWN BY:	HL
CHECKED BY:	HL
PERMIT SET DATE:	8.22.18

SHEET
A1 OF **12**



1 SECOND FLOOR PLAN - TYPICAL BUILDING
3/16" = 1'-0"

SECOND FLOOR SQUARE FOOTAGES

LEFT LIVING UNIT:	
AIR CONDITIONED LIVING SPACE:	1,885 SF
EXTERIOR COVERED BALCONY:	280 SF
RIGHT LIVING UNIT:	
AIR CONDITIONED LIVING SPACE:	1,885 SF
EXTERIOR COVERED BALCONY:	280 SF
COMMON AREA SPACES:	
AIR CONDITIONED LOBBY:	85 SF
UNCONDITIONED SPACES (STAIRS, EQUIPMENT RM.):	381 SF
UNCONDITIONED ELEVATOR SHAFT:	61 SF
EXTERIOR COVERED FRONT ENTRY:	155 SF

WALL TYPES

- TYPICAL EXTERIOR 8" CMU LOAD BEARING WALL - SEE EXTERIOR ELEVATIONS FOR EXTERIOR FINISH. ½" GWB OVER 1 X 2 P.T. FURRING @ 16" O.C. ON INTERIOR OF LIVING UNITS. FILL EMPTY CELLS WITH CORE-FILL 500 FOAM INSULATION.
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LOCATED AT SE CORNER OF CITRUS AVE. & SOUTH INDIAN RIVER DRIVE
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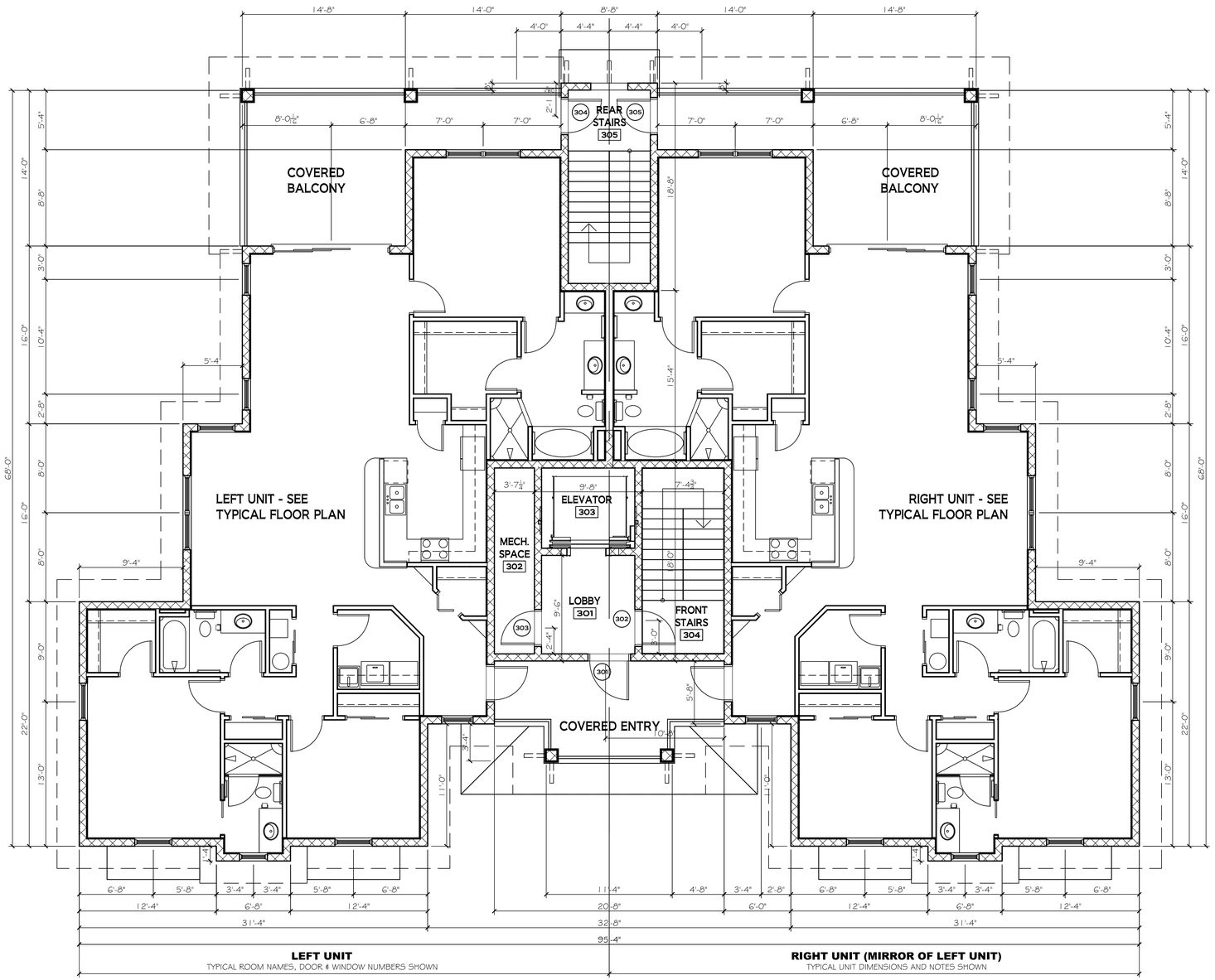
SECOND FLOOR PLAN
TYPICAL BUILDING

REVISIONS:

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A2 OF 12



LEFT UNIT
TYPICAL ROOM NAMES, DOOR & WINDOW NUMBERS SHOWN

RIGHT UNIT (MIRROR OF LEFT UNIT)
TYPICAL UNIT DIMENSIONS AND NOTES SHOWN

1 THIRD FLOOR PLAN - TYPICAL BUILDING
3/16" = 1'-0"

WALL TYPES

- TYPICAL EXTERIOR 8" CMU LOAD BEARING WALL - SEE EXTERIOR ELEVATIONS FOR EXTERIOR FINISH. ½" GWB OVER 1 X 2 P.T. FURRING @ 16" O.C. ON INTERIOR OF LIVING UNITS. FILL EMPTY CELLS WITH CORE-FILL 500 FOAM INSULATION.
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THIRD FLOOR SQUARE FOOTAGES

LEFT LIVING UNIT:	
AIR CONDITIONED LIVING SPACE:	1,885 SF
EXTERIOR COVERED BALCONY:	280 SF
RIGHT LIVING UNIT:	
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EXTERIOR COVERED BALCONY:	280 SF
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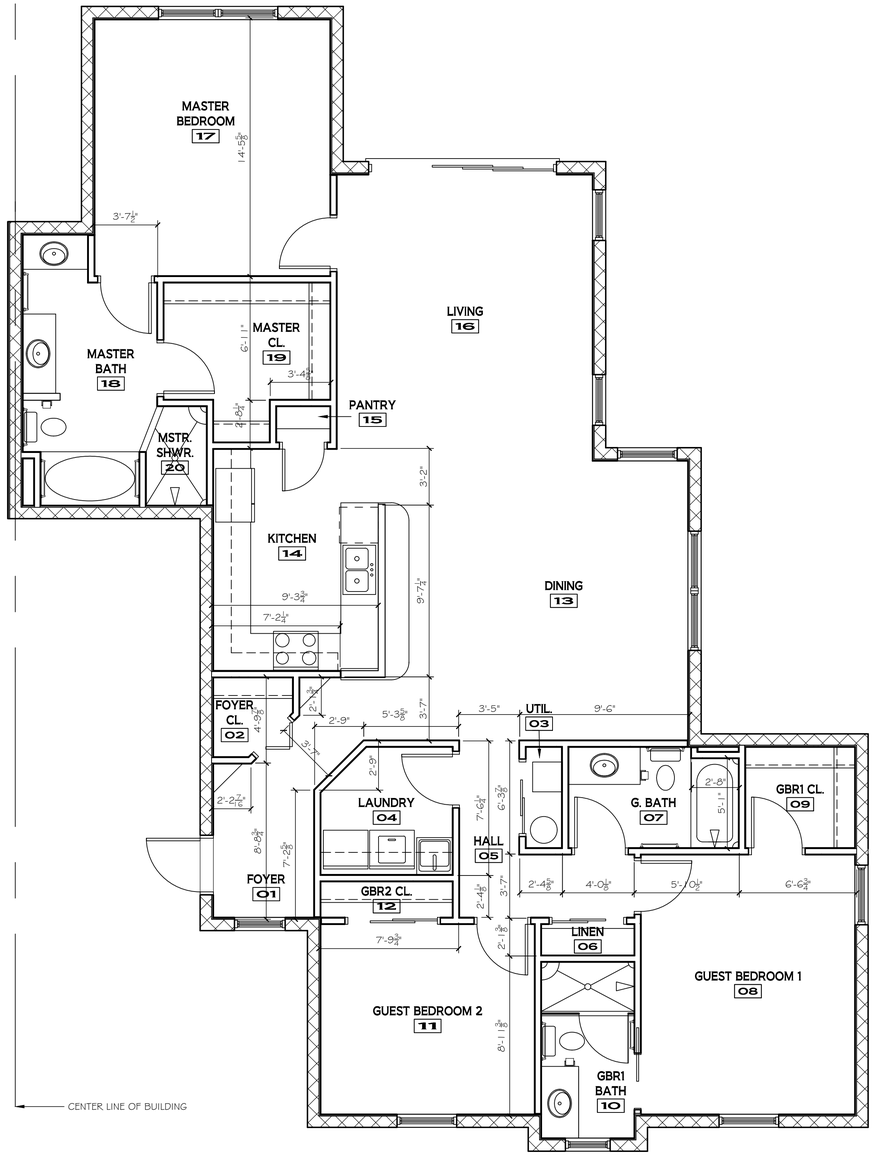
THIRD FLOOR PLAN
TYPICAL BUILDING

REVISIONS:

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SHEET
A3 OF **12**



1 TYPICAL UNIT PLAN
1/4" = 1'-0"
REFER TO BUILDING PLANS FOR EXTERIOR DIMENSIONS

WALL TYPES

TYPICAL EXTERIOR 8" CMU LOAD BEARING WALL - SEE EXTERIOR ELEVATIONS FOR EXTERIOR FINISH. ½" GWB OVER 1 X 2 P.T. FURRING @ 16" O.C. ON INTERIOR OF LIVING UNITS. FILL EMPTY CELLS WITH CORE-FILL 500 FOAM INSULATION.

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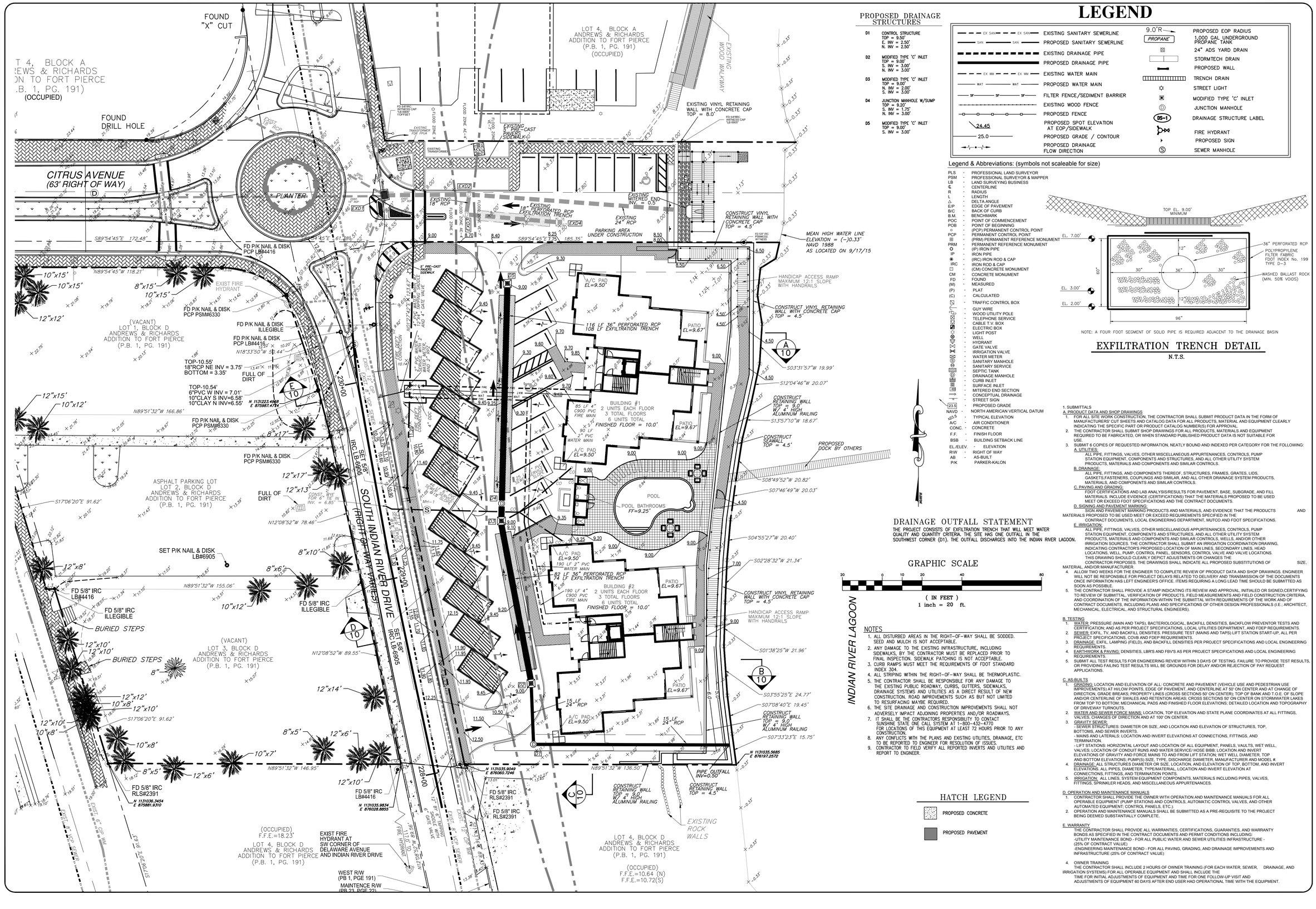
TYPICAL UNIT PLAN

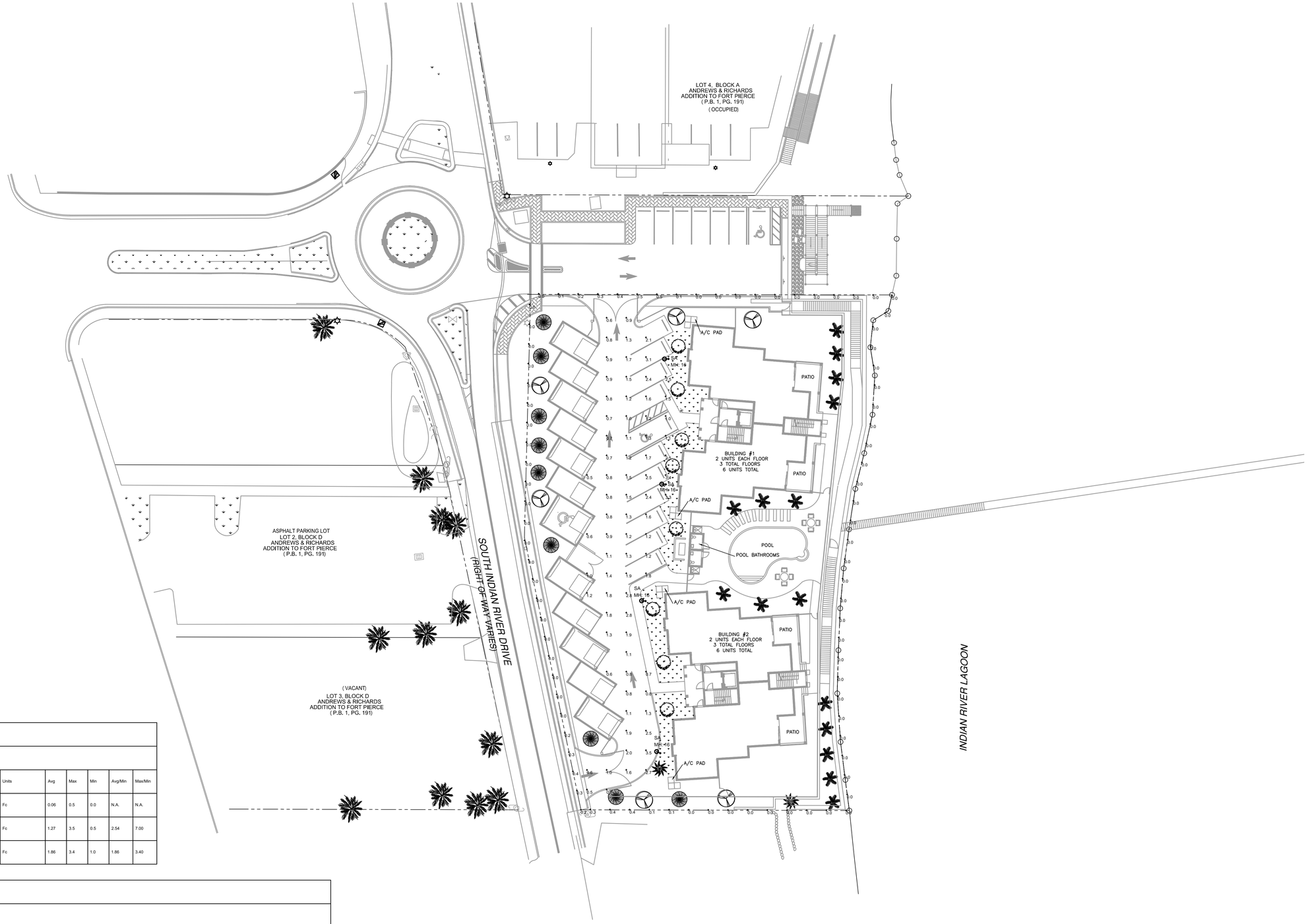
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A5 OF 12


FOUND "X" CUT
FOUND DRILL HOLE
CITRUS AVENUE (63' RIGHT OF WAY)
PLANTER
(VACANT) LOT 1, BLOCK D ANDREWS & RICHARDS ADDITION TO FORT PICCE (P.B. 1, PG. 191)
LOT 4, BLOCK A ANDREWS & RICHARDS ADDITION TO FORT PIERCE (P.B. 1, PG. 191) (OCCUPIED)
LOT 4, BLOCK A ANDREWS & RICHARDS ADDITION TO FORT PIERCE (P.B. 1, PG. 191)
EXISTING WOOD WALKWAY
EXISTING VINYL RETAINING WALL WITH CONCRETE CAP TOP = 8.0'
EXISTING PAVER SIDEWALK
EXISTING TRANSFORMER
EXISTING 18" RCP
18" EXISTING PERFORATED RCP EXFILTRATION TRENCH
EXISTING 24" RCP
EXISTING MITERED END INV. = 0.5'
PARKING AREA UNDER CONSTRUCTION
CONSTRUCT VINYL RETAINING WALL WITH CONCRETE CAP TOP = 4.5'
MEAN HIGH WATER LINE ELEVATION = (-)0.33' NAVD 1988 AS LOCATED ON 9/17/15
HANDICAP ACCESS RAMP MAXIMUM 12:1 SLOPE WITH HANDRAILS
CONSTRUCT VINYL RETAINING WALL WITH CONCRETE CAP TOP = 4.5'
CONSTRUCT RETAINING WALL TOP = 9.0' W/ 4' HIGH ALUMINUM RAILING
CONSTRUCT SEAWALL TOP = 4.5'
PROPOSED DOCK BY OTHERS
A/C PAD EL=9.50'
116 LF 36" PERFORATED RCP 108 LF EXFILTRATION TRENCH
PATIO EL=9.67'
BUILDING #1 2 UNITS EACH FLOOR 3 TOTAL FLOORS 6 UNITS TOTAL FINISHED FLOOR = 10.0'
85 LF 4" C900 PVC FIRE MAIN
2" PVC WATER MAIN
POOL
POOL BATHROOMS FF=9.25'
BUILDING #2 2 UNITS EACH FLOOR 3 TOTAL FLOORS 6 UNITS TOTAL FINISHED FLOOR = 10.0'
190 LF 4" C900 PVC FIRE MAIN
82 LF 36" PERFORATED RCP 74 LF EXFILTRATION TRENCH
15 LF 24" RCP
PIPE OUTFALL INV=0.50
EXISTING ROCK WALLS
SOUTH INDIAN RIVER DRIVE (RIGHT-OF-WAY VARIES)
INDIAN RIVER LAGOON
EXIST FIRE HYDRANT
EXIST FIRE HYDRANT AT SW CORNER OF DELAWARE AVENUE AND INDIAN RIVER DRIVE
ASPHALT PARKING LOT LOT 2, BLOCK D ANDREWS & RICHARDS ADDITION TO FORT PIERCE (P.B. 1, PG. 191)
(OCCUPIED) F.F.E.=18.23'
(OCCUPIED) F.F.E.=10.64 (N) F.F.E.=10.72(S)
WEST R/W (PB 1, PGE 191)
MAINTENCE R/W (PB 23, PGE 22)
FD P/K NAIL & DISK PCP LB#4416
FD P/K NAIL & DISK PCP PSM#6330
FD P/K NAIL & DISK ILLEGIBLE
FD P/K NAIL & DISK PCP LB#4416
SET P/K NAIL & DISK LB#6905
FD 5/8" IRC LB#4416
FD 5/8" IRC ILLEGIBLE
FD 5/8" IRC RLS#2391
FD 5/8" IRC LB#4416
SET 5/8" IRC LB 6905
BURIED STEPS
TOP-10.55' 18"RCP NE INV = 3.75' BOTTOM = 3.35'
FULL OF DIRT
TOP-10.54' 6"PVC W INV = 7.01' 10"CLAY S INV=6.58' 10"CLAY N INV=6.55'
N 1131223.4069 E 875885.4734
TOP-10.54' 6" PVC IN INV. = 6.85'
N 1131036.3454 E 875881.8310
N 1131035.8040 E 876060.7246
N 1131035.9634 E 876028.8855
N 1131035.5685 E 876197.2572
12" PVC WATER MAIN
6" GATE VALVE
8" PVC WATER MAIN
2" PVC WATER MAIN
6" PVC WATER MAIN
8" GATE VALVE
12" GATE VALVE
6" GATE VALVE
EXIST 6" PVC SEWER
EXIST 12" PVC SEWER
EXIST 6" CIP WM
EXIST 8" PVC SEWER
EXIST 12" PVC SEWER
EXIST 6" PVC SEWER
EXIST 8" PVC SEWER
EXIST 6" CIP WM



SITE PHOTOMETRIC PLAN

1/2"=1'-0" NORTH

Calculation Summary							
Project: INDIAN RIVER VILLAS SITE 08-23-2018							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PROPERTY LINE	Illuminance	Fc	0.06	0.5	0.0	N.A.	N.A.
DRIVE	Illuminance	Fc	1.27	3.5	0.5	2.54	7.00
PARKING	Illuminance	Fc	1.86	3.4	1.0	1.86	3.40

Luminaire Schedule										
Project: INDIAN RIVER VILLAS SITE 08-23-2018										
Symbol	Qty	Label	Description	Lumens/Lamp	LLD	LDD	BF	LLF	Lum. Watts	Total Watts
	4	SA	PHILIPS LUMEC AT50-55W48LED4K-G2-LE4F-HS POLE MOUNT 16' AFG	N.A.	0.900	0.900	1.000	0.810	54	216

PERMIT ISSUED	-
CONSTRUCTION ISSUED	-

no.	revision	date
1		

KAMM Consulting
1408 Orange Avenue
Fort Pierce, Florida 34950
Phone: 954.448.0792
mmiller@kammconsulting.com
Certification of Authorization #8189
8-27-18
PRINCIPAL
Brady L Barnes Florida License #58337
date
signed

project title:
INDIAN RIVER VILLAS
CITRUS AVE / INDIAN RIVER DR., FORT PIERCE, FLORIDA

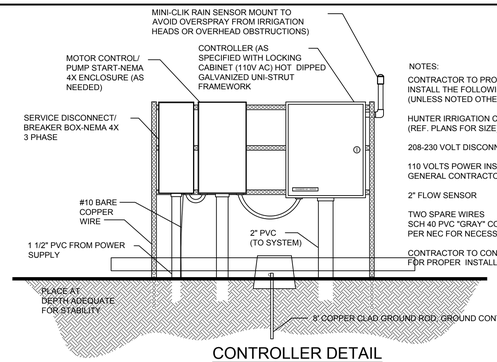
sheet title:
SITE PHOTOMETRIC PLAN

projt. no.:	2018-0684
project manager:	JM
checked by:	BB
scale:	AS NOTED
date:	08/27/2018

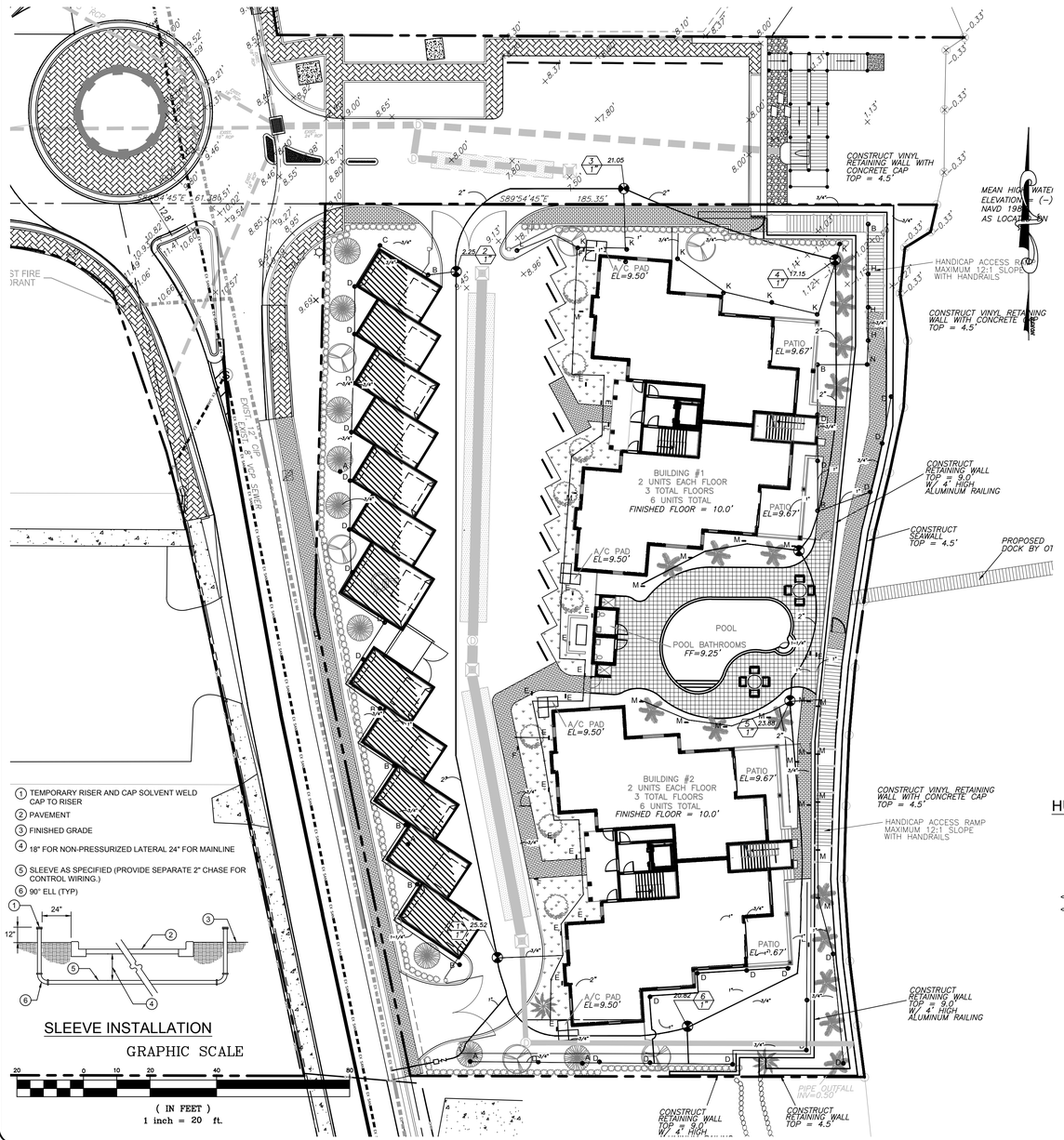
sheet
E1.1
project

IRRIGATION NOTES

1. DO NOT SCALE PLAN FOR EXACT HEAD LOCATION.
2. SPRINKLER HEADS SHALL BE PLACED ON RISERS IN SHRUB AREAS. RISERS SHALL BE PAINTED FLAT BLACK.
3. THE CONTRACTOR SHALL MAKE ALL ADJUSTMENTS TO THE IRRIGATION SYSTEM TO INSURE 100% COVERAGE.
4. THE CONTRACTOR SHALL RUN 3 ADDITIONAL SETS OF WIRES IN EACH DIRECTION TO EACH END OF THE MAIN FOR FUTURE USE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HARD WIRING THE ELECTRICAL SERVICE CONNECTIONS.
6. THE FINAL LOCATION OF ALL COMPONENTS SHALL BE SUBJECT TO APPROVAL BY THE OWNER.
7. ALL MAIN LINE SLEEVE LOCATIONS ARE ACCOMPANIED WITH A 2" ELECTRICAL CHASE FOR THE CONTROL WIRING.
8. VELOCITY SHALL NOT EXCEED A FLOW RATE OF 5' PER SECOND.
9. 4" POP-UP HEADS SHALL BE USED IN SODDED AREAS AND 12" POP-UP HEADS SHALL BE USED IN LANDSCAPED AREAS.
10. LOCATION OF IRRIGATION MAIN LINE AND VALVES IS FOR CLARITY ONLY. ACTUAL LOCATION OF MAIN LINE SHALL BE 6" OFF BACK OF CURB WHERE POSSIBLE. ACTUAL LOCATION OF VALVES SHALL BE IN THE NEAREST LANDSCAPE AREA.
11. SPRINKLER HEADS SHALL BE 12" MIN. FROM THE EDGE OF THE SIDEWALKS AND WALKWAYS.
12. IRRIGATION SYSTEM DESIGN PARAMETERS; 30GPM @ 30PSI



CONTROLLER DETAIL



SLEEVE INSTALLATION

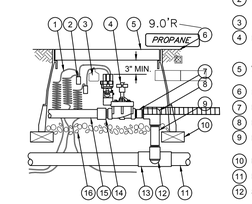
GRAPHIC SCALE

20 0 10 20 40 80

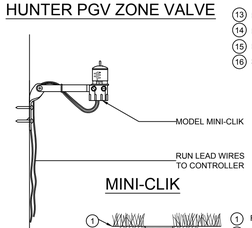
(IN FEET)
1 inch = 20 ft.

IRRIGATION EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	QTY.
A	HUNTER RZWS–10–25–CV 10" ROOT ZONE WATERING SYSTEM WITH CHECK VALVE, 0.25 GPM	9
B	HUNTER PROS–04–CV–15–Q PRO SPRAY 4" POP–UP WITH CHECK VALVE 15' R. 90° PATTERN	7
C	HUNTER PROS–04–CV–15–TQ PRO SPRAY 4" POP–UP WITH CHECK VALVE 15' R. 270° PATTERN	1
D	HUNTER PROS–04–CV–15–H PRO SPRAY 4" POP–UP WITH CHECK VALVE 15' R. 180° PATTERN	17
E	HUNTER PROS–04–CV–RCS–515 PRO SPRAY 4" POP–UP WITH CHECK VALVE RIGHT CORNER STRIP 5'x15' PATTERN	19
F	HUNTER PROS–04–CV–LCS–515 PRO SPRAY 4" POP–UP WITH CHECK VALVE LEFT CORNER STRIP 5'x15' PATTERN	8
G	HUNTER PROS–04–CV–10–Q PRO SPRAY 4" POP–UP WITH CHECK VALVE 10' R. 90° PATTERN	2
H	HUNTER PROS–04–CV–10–H PRO SPRAY 4" POP–UP WITH CHECK VALVE 10' R. 180° PATTERN	3
J	HUNTER PROS–04–CV–12–H PRO SPRAY 4" POP–UP WITH CHECK VALVE 12' R. 180° PATTERN	1
K	HUNTER PROS–04–CV–17–H PRO SPRAY 4" POP–UP WITH CHECK VALVE 17' R. 180° PATTERN	6
L	HUNTER PROS–04–CV–17–Q PRO SPRAY 4" POP–UP WITH CHECK VALVE 17' R. 90° PATTERN	2
M	HUNTER PROS–04–CV–SS–530 PRO SPRAY 4" POP–UP WITH CHECK VALVE SIDE STRIP 5'x30' PATTERN	14
N	HUNTER PROS–04–CV–10–TQ PRO SPRAY 4" POP–UP WITH CHECK VALVE 10' R. 270° PATTERN	1
P	HUNTER PROS–04–CV–17–TQ PRO SPRAY 4" POP–UP WITH CHECK VALVE 17' R. 270° PATTERN	1
R	HUNTER PROS–04–CV–15–F PRO SPRAY 4" POP–UP WITH CHECK VALVE 15' R. 360° PATTERN	1
	HUNTER PGV–100G ELECTRIC REMOTE CONTROL VALVE, 1" PLASTIC GLOBE VALVE	6
C	HUNTER PC–900 ELECTROMECHANICAL CONTROLLER, 9 STATIONS, OUTDOOR MODEL	1
R	HUNTER MINI–CLIK RAIN SENSOR, MOUNT AS NOTED	1
BF	FABCO 785 1" PRESSURE VACUUM BREAKER, INSTALL PER MANUFACTURER'S RECOMMENDATIONS	1
FS	HUNTER FLOW–CLIK–200 FLOW SENSOR WITH INTERFACE PANEL, 2" SCHEDULE 40 SENSOR BODY, 24 VAC, 2 AMP, INSTALL INTERFACE PANEL AS REQUIRED	1
	IRRIGATION MAIN LINE, PVC SCHEDULE 40	
	IRRIGATION LATERAL LINE, PVC CLASS 200 SDR 21 ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE AS INDICATED ON THE PLAN, WITH ALL OTHERS BEING ¾" IN SIZE	
	PIPE SLEEVE, PVC SCHEDULE 40, TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SHALL ALLOW FOR IRRIGATION PIPING AND RELATED COUPLING TO EASILY SLIDE THROUGH SLEEVE. EXTEND SLEEVE 18" BEYOND EDGES OF PAVING OR CONSTRUCTION	

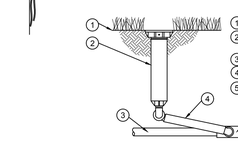


HUNTER PGV ZONE VALVE



NOTE:
MOUNT SENSOR ON SURFACE WHERE IT WILL BE EXPOSED TO UNOBSTRUCTED RAINFALL, BUT NOT IN PATH OF SPRINKLER SPRAY.

MINI-CLIK



HUNTER PROS-4Z 4" POP-UP

GENERAL IRRIGATION SPECIFICATIONS AND NOTES

A. EXTENT:

INCLUDES FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT FOR THE PROPER INSTALLATION OF THE IRRIGATION SYSTEM. THE WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING: (1) TRENCHING AND BACKFILL, (2) AUTOMATICALLY CONTROLLED IRRIGATION SYSTEM, (3) TEST ALL SYSTEMS AND MAKE OPERATIVE, (4) "AS-BUILT" DRAWINGS.

B. GENERAL:

1. PERMITS AND FEES: OBTAIN ALL PERMITS AND PAY REQUIRED FEES TO ANY GOVERNMENTAL AGENCY HAVING JURISDICTION OVER THE WORK. INSPECTIONS REQUIRED BY LOCAL ORDINANCES DURING THE COURSE OF CONSTRUCTION SHALL BE ARRANGED AS REQUIRED. ON COMPLETION OF THE WORK, SATISFACTORY EVIDENCE SHALL BE FURNISHED TO THE OWNER'S CONSTRUCTION REPRESENTATIVE TO SHOW THAT ALL WORK HAS BEEN INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - PLUMBING / APPENDIX 'F' AND CODE REQUIREMENTS.
2. APPROVAL: WHEREVER THE TERMS "APPROVE" OR "APPROVED" ARE USED IN THE SPECIFICATIONS, THEY SHALL MEAN THE APPROVAL OF THE OWBER'S CONSTRUCTION REPRESENTATIVE IN WRITING.
3. BEFORE ANY WORK IS STARTED, A CONFERENCE SHALL BE HELD BETWEEN THE CONTRACTOR AND THE OWNER'S CONSTRUCTION REPRESENTATIVE CONCERNING THE WORK UNDER THIS CONTRACT.
4. COORDINATION: COORDINATE AND COOPERATE WITH OTHER CONTRACTORS TO ENABLE THE WORK TO PROCEED AS RAPIDLY AND EFFICIENTLY AS POSSIBLE
5. INSPECTION OF SITE:
   A CONTRACTOR SHALL ACQUAINT HIMSELF WITH ALL SITE CONDITIONS. SUBMISSION OF HIS PROPOSAL SHALL BE CONSIDERED EVIDENCE THAT THE EXAMINATION HAS BEEN CONDUCTED. SHOULD UTILITIES NOT SHOWN ON THE PLANS BE FOUND DURING EXCAVATIONS, CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S CONSTRUCTION REPRESENTATIVE FOR INSTRUCTIONS AS TO FURTHER ACTION. FAILURE TO DO SO WILL MAKE CONTRACTOR LABLE FOR ANY AND ALL DAMAGE THERETO ARISING FROM HIS OPERATIONS SUBSEQUENT TO DISCOVERY OF SUCH UTILITIES NOT SHOWN IN PLANS.
   B CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS IN THE LAYOUT AS MAY BE REQUIRED TO CONNECT TO EXISTING STUB-OUTS, SHOULD SUCH STUBS NOT BE LOCATED EXACTLY AS SHOWN, AND AS MAY BE REQUIRED TO WORK AROUND EXISTING WORK AT NO INCREASE IN COST TO THE OWNER'S CONSTRUCTION REPRESENTATIVE.
6. PROTECTION OF EXISTING PLANTS AND SITE CONDITIONS: THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT SITE CONDITIONS TO REMAIN. SHOULD DAMAGE BE INCURRED, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
7. THE OWNER RESERVES THE RIGHT TO SUBSTITUTE, ADD, OR DELETE ANY MATERIAL OR WORK AS THE WORK PROGRESSES. ADJUSTMENTS TO THE CONTRACT PRICE SHALL BE NEGOTIATED IF DEEMED NECESSARY BY THE OWNER ON A PER DIEM BASIS.
8. THE OWNER RESERVES THE RIGHT TO REJECT MATERIAL OR WORK WHICH DOES NOT CONFORM TO THE CONTRACT DOCUMENTS. REJECTED WORK SHALL BE REMOVED OR CORRECTED AT THE EARLIEST TIME POSSIBLE.
9. WORK SCHEDULE: WITHIN 10 DAYS AFER AWARD OF THE CONTRACT, THE CONTRACTOR SHALL SUBMIT TO THE OWNER A WORK SCHEDULE.
10. "AS-BUILT" IRRIGATION DRAWINGS: PREPARE AN "AS-BUILT" DRAWING ON A BLUEPRINT WHICH SHALL SHOW DEVIATIONS FROM THE BID DOCUMENTS MADE DURING CONSTRUCTION AFFECTING THE MAIN LINE PIPE, CONTROLLER LOCATIONS, REMOTE CONTROL VALVES AND QUICK COUPLING VALVES. THE DRAWINGS SHALL ALSO INDICATE AND SHOW APPROVED SUBSTITUTIONS OF MATERIAL MANUFACTURERS NAME AND CATALOG NAME AND CATALOG NUMBER. THE DRAWINGS SHALL BE DELIVERED TO THE TENANT'S CONSTRUCTION REPRESENTATIVE BEFORE FINAL ACCEPTANCE OF WORK
11. FINAL ACCEPTANCE: FINAL ACCEPTANCE OF THE WORK MAY BE OBTAINED FROM THE OWNER'S CONSTRUCTION REPRESENTATIVE UPON THE SATISFACTORY COMPLETION OF ALL WORK.
12. GUARANTEE: THE CONTRACTOR SHALL PROVIDE ALL WARRANTIES, CERTIFICATIONS, GUARANTIES, AND WARRANTY BONDS AS SPECIFIED IN THE CONTRACT DOCUMENTS AND PERMIT CONDITIONS. ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF ACCEPTANCE AGAINST ALL DEFECTS IN MATERIAL, EQUIPMENT AND WORKMANSHIP. GUARANTEE SHALL ALSO COVER REPAIR OF DAMAGE TO ANY PART OF THE PREMISES RESULTING FROM LEAKS OR OTHER DEFECTS IN MATERIAL, EQUIPMENT AND WORKMANSHIP TO THE SATISFACTORY OF THE OWNER'S CONSTRUCTION REPRESENTATIVE. REPAIRS, IF REQUIRED, SHALL BE DONE PROMPTLY AT NO COST TO THE OWNER.

C. MATERIALS:

1. GENERAL: ALL MATERIALS THROUGHOUT THE SYSTEM SHALL BE NEW AND IN PERFECT CONDITION.
2. PLASTIC PIPING: ALL MAIN LINES AND LATERAL LINES SHALL BE CLASS 200 O-RING POLYVINYL CHLORIDE (PVC) PIPE AND SHALL COMPLY WITH ONE OF THE FOLLOWING STANDARDS: ASTM D 1785, ASTM D-2241, AWWA C-900, OR AWWA C-905. SDR-PR PIPE SHALL HAVE A MINIMUM WALL THICKNESS AS REQUIRED BY SDR-26. PVC GASKETS FITTINGS SHALL CONFORMING TO ASTM D 3139. GASKETS SHALL CONFORM TO ASTM F 477. SOLVENT-WELD PVC FITTINGS SHALL MEET THE REQUIREMENTS OF SCHEDULE 40 AS SET FORTH IN ASTM D 2466. THREADED PVC PIPE FIRINGS SHALL MEET THE REQUIREMENTS OF SCHEDULE 40 AS SET FORTH IN ASTM D 2464. CONFORMING TO ASTM D 1784 AND D-2241.
3. PLASTIC FITTINGS: ALL SOLVENT-WELD PVC FITTINGS SHALL MEET THE REQUIREMENTS OF SCHEDULE 40 AS SET FORTH IN ASTM D 2466. SCHEDULE 40 SOLVENT-WELD, POLYVINYL CHLORIDE (PVC) STANDARD WEIGHT AS MANUFACTURED BY SLOANE, LASCO, OR APPROVED EQUAL.
4. SOLVENT CEMENT: PVC CEMENT SHALL MEET ASTM D 2564 AND PVC CLEANER-TYPE ALL MEET ASTM F 656.
5. SPRINKLER HEAD RISERS: SCHEDULE 40 PVC FOR RISERS. PIPE SHALL BE CUT WITH A STANDARD PIPE CUTTING TOOL WITH SHARP CUTTERS. REAM ONLY TO FULL DIAMETER OF PIPE AND CLEAN ALL ROUGH EDGES OR BURRS. CUT ALL THREADS ACCURATELY WITH SHARP DIES. NOT MORE THAN THREE(3) FULL THREADS SHALL SHOW BEYOND FITTINGS WHEN PIPE IS MADE UP. ASSEMBLIES SHALL BE AS DETAILED.
6. AUTOMATIC CONTROLLERS: SEE LEGEND
7. REMOTE CONTROL VALVES: SEE LEGEND
8. CONTROL WIRING: 24 VOLT SOLID UL APPROVED FOR DIRECT BURIAL IN GROUND. MINIMUM WIRE SIZE: 14 GAUGE. ALL SPLICES SHALL BE MADE WITHIN VALVE BOX.
9. SLEEVES FOR CONTROL WIRING: UNDER ALL WALKS AND PAVED AREAS AND WHERE INDICATED ON DRAWINGS. MINIMUM PVC 1220-200 PSI PLASTIC PIPE.
10. SPRINKLER HEADS: SEE LEGEND
11. QUICK COUPLING VALVES: SHALL BE NOTED ON DRAWINGS.

D. WORKMANSHIP:

1. LAY OUT WORK AS ACCURATELY AS POSSIBLE TO THE DRAWINGS. THE DRAWINGS, THOUGH CAREFULLY DRAWN, ARE GENERALLY DIAGRAMMATIC TO THE EXTENT THAT SWING JOINTS, OFFSETS, AND ALL FITTINGS ARE NOT SHOWN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULL AND COMPLETE COVERAGE OF ALL IRRIGATED AREAS AND SHALL MAKE ANY NECESSARY MINOR ADJUSTMENTS AT NO ADDITIONAL COST TO THE OWNER'S CONSTRUCTION REPRESENTATIVE.
3. ANY MAJOR REVISIONS TO THE IRRIGATION SYSTEM MUST BE SUBMITTED AND ANSWERED IN WRITTEN FORM, ALONG WITH ANY CHANGE IN CONTRACT PRICE.

E. INSTALLATION:

1. EXCAVATION AND TRENCHING:
   A PERFORM ALL EXCAVATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK INCLUDING UNDER THIS SECTION, INCLUDING SHORING OF EARTH BANKS TO PREVENT CAVE-INS. RESTORE ALL SURFACES, EXISTING UNDERGROUND INSTALLATIONS, ETC., DAMAGED OR CUT AS A RESULT OF THE EXCAVATIONS TO AND IN A MANNER APPROVED BY THE OWNER.
   B TRENCHES SHALL BE MADE WIDE ENOUGH TO ALLOW A MINIMUM OF 6 INCHES BETWEEN PARALLEL PIPE LINES. TRENCHES FOR PIPE LINES SHALL BE MADE OF SUFFICIENT DEPTHS TO PROVIDE THE MINIMUM COVER FROM FINISH GRADE AS FOLLOWS:
      1) 18" MINIMUM COVER OVER IRRIGATION LINES FOR VEHICLE TRAFFIC AREAS.
      2) MINIMUM COVER OVER IRRIGATION LINES TO HEADS EXCEPT VEHICLE TRAFFIC AREAS ARE AS FOLLOWS:

1" - 1½"	=	6" COVER
2" - 3"	=	12" COVER
4" - 6"	=	18" COVER
> 6"	=	24" COVER

   C MAINTAIN ALL WARNING SIGNS, SHORING, BARRICADES, FLARES AND RED LANTERNS AS REQUIRED BY THE SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY AND LOCAL ORDINANCES.
2. PIPE LINE ASSEMBLY:
   A INSTALL REMOTE CONTROL VALVES WHERE SHOWN AND GROUP TOGETHER WHERE PRACTICAL, PLACE NO CLOSER THAN 12 INCHES TO WALK EDGES, BUILDINGS AND WALLS.
   B PLASTIC PIPE AND FITTINGS SHALL BE SOLVENT WELDED USING SOLVENTS AND METHODS RECOMMENDED BY MANUFACTURER OF THE PIPE, EXCEPT WHERE SCREWED CONNECTIONS ARE REQUIRED. PIPE AND FITTINGS SHALL BE THOROUGHLY CLEANED OF DIRT, DUST AND MOISTURE BEFORE APPLYING SOLVENT WITH A NON-SYNTHETIC BRISTLE BRUSH.
   C PIPE MAY BE ASSEMBLED AND WELDED ON THE SURFACE. SNAKE PIPE FROM SIDE TO SIDE OF TRENCH BOTTOM TO ALLOW FOR EXPANSION AND CONTRACTION.
   D MAKE ALL CONNECTIONS BETWEEN PLASTIC PIPE AND METAL VALVES OR STEEL PIPE WITH THREADED FITTINGS USING PLASTIC MALE ADAPTERS.
3. SPRINKLER HEADS:
   A INSTALL ALL SPRINKLERS AS DETAILED ON DRAWINGS.
   B DO NOT SCALE PLANS FOR EXACT HEAD LOCATION.
   C PROVIDE A MINIMUM OF 12" BETWEEN SPRINKLERS AND PAVEMENT AND 12 INCHES BETWEEN SPRINKLERS AND BUILDINGS.
4. CLOSING OF PIPE AND FLUSHING LINES:
   A CAP OR PLUG ALL OPENINGS AS SOON AS LINES HAVE BEEN INSTALLED TO PREVENT THE ENTRANCE OF MATERIALS THAT WOULD OBSTRUCT THE PIPE. LEAVE IN PLACE UNTIL REMOVAL IS NECESSARY FOR COMPLETION OF INSTALLATION.
   B THOROUGHLY FLUSH OUT ALL WATER LINES BEFORE INSTALLING HEADS, VALVES AND OTHER HYDRANTS.
   C TEST IN ACCORDANCE WITH PARAGRAPH ON HYDROSTATIC TESTS.
   D UPON COMPLETION OF THE TESTING, THE CONTRACTOR SHALL COMPLETE ASSEMBLY AND ADJUST SPRINKLER HEADS FOR PROPER DISTRIBUTION.
5. INSPECTIONS:
   A SPRINKLER LAYOUT AND SPACING INSPECTION: VERIFICATION THAT THE IRRIGATION DESIGN IS ACCURATELY INSTALLED IN THE FIELD. IT WILL ALSO PROVIDE FOR ALTERATION OR MODIFICATION OF THE SYSTEM TO MEET FIELD CONDITIONS. SPACING SHOULD BE WITHIN 5% OF THE DESIGN SPACING.
   B PIPE INSTALLATION DEPTH INSPECTION: ALL PIPES IN THE SYSTEM SHALL BE INSTALLED TO DEPTHS AS PREVIOUSLY DESCRIBED IN SECTION 'E' OF THESE SPECIFICATIONS.
   C OPEN TRENCH INSPECTION: THE TRENCH AND ALL JOINTS AND EVERY TRANSITION IN PIPE SIZE, WILL BE OPEN WHERE OPEN TRENCH INSPECTION IS REQUIRED.
   D INSPECTIONS WILL BE PERFORMED THROUGHOUT THE DURATION OF THE INSTALLATION AND WILL BE MADE BY THE GOVERNING AGENCY AND/OR THE OWNER AND ENGINEERS TO ENSURE COMPLIANCE WITH DESIGN INTENT, SPECIFICATIONS, AND THE IRRIGATION CODES.
6. HYDROSTATIC TESTS:
   A REQUEST THE PRESENCE OF THE OWNER AND ENGINEER IN WRITING AT LEAST 48 HOURS IN ADVANCE OF TESTING.
   B TESTING TO BE ACCOMPLISHED AT THE EXPENSE OF THE CONTRACTOR AND IN THE PRESENCE OF THE OWNER AND ENGINEER.
   C CENTER LOAD PIPING WITH SMALL AMOUNT OF BACKFILL TO PREVENT ARCHING OR SLIPPING UNDER PRESSURE.
   D APPLYING A CONTINUOUS AND STATIC WATER PRESSURE OF 125 PSI WHEN WELDED PLASTIC JOINTS HAVE CURED AT LEAST 3 HOURS AND WITH THE RISERS CAPPED AS FOLLOWS:
      1) MAIN LINES AND SUB-MAINS TO BE TESTED FOR 2 HOURS.
   E FOR PVC AND O-RING GASKET PIPE THE ALLOWABLE LEAKAGE SHALL NOT EXCEED THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FOLLOWING FORMULA:

$$\frac{L=ND(P)}{7400}$$

      IN WHICH: L = ALLOWABLE LEAKAGE, IN GALLONS PER HOUR
      N = NUMBER OF JOINTS
      D = PIPE DIAMETER IN INCHES
      P = AVERAGE TEST PRESSURE IN PSI GAUGE
   F REPAIR LEAKS RESULTING FROM TESTS.
7. AUTOMATIC CONTROLLERS:
   A CONNECT REMOTE CONTROL VALVES TO CONTROLLER IN A CLOCKWISE SEQUENCE TO CORRESPOND WITH STATION SETTING BEGINNING WITH STATIONS 1, 2, 3, ETC.
8. AUTOMATIC CONTROL WIRING:
   A INSTALL CONTROL WIRING, SPRINKLER MAINS AND LATERALS IN COMMON TRENCHES WHEREVER POSSIBLE.
   B INSTALL CONTROL WIRES AT LEAST 18" BELOW FINISH GRADE AND LAY TO THE SIDE AND BELOW THE MAIN LINE. PROVIDE LOOPED SLACK AT VALVES AND SNAKE WIRES IN TRENCH TO ALLOW FOR CONTRACTION OF WIRES TIE WIRES IN BUNDLES AT INTERVALS.
   C CONTROL WIRE SPLICES WILL BE ALLOWED ONLY RUNS OVER 1000 FT. CONNECTIONS SHALL BE AS DETAILED.
   D ALL WIRING PASSING UNDER EXISTING OR FUTURE PAVING, CONSTRUCTION, ETC., SHALL BE ENCASED IN PLASTIC OR GALVANIZED STEEL CONDUIT EXTENDING AT LEAST 12" BEYOND EDGES OF PAVING OR CONSTRUCTION.
9. BACKFILL AND COMPACTING:
   A AFTER SYSTEM IS OPERATING AND REQUIRED TESTS AND INSPECTIONS HAVE BEEN MADE, BACKFILL EXCAVATIONS AND TRENCHES WITH CLEAN SOIL, FREE OF RUBBISH. INITIAL BACKFILL MATERIAL TO 6 INCHES ABOVE THE TOP OF PIPE SHALL BE FREE OF ROCKS OR STONES LARGER THAN ONE INCH IN DIAMETER FINAL BACKFILL MATERIAL SHALL BE FREE OF ROCKS OR STONES LARGER THAN 3 INCHES IN DIAMETER.
   B BACKFILL FOR ALL TRENCHES, REGARDLESS OF THE TYPE OF PIPE COVERED, SHALL BE COMPACTED TO MINIMUM 95% DENSITY.
   C COMPACT TRENCHES IN AREAS TO BE PLANTED BY THOROUGHLY FLOODING THE BACKFILL. JETTING PROCESS MAY BE USED IN THOSE AREAS.
   D DRESS OFF ALL AREAS TO FINISH GRADES.

F. CLEAN-UP:

1. REMOVE FROM THE SITE ALL DEBRIS RESULTING FROM WORK OF THIS SECTION.

G. SUBMITTALS:

1. FOR ALL SITE WORK CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT PRODUCT DATA IN THE FORM OF MANUFACTURERS' CUT SHEETS AND CATALOG DATA FOR ALL PRODUCTS, MATERIAL AND EQUIPMENT CLEARLY INDICATING THE SPECIFIC PART OR PRODUCT CATALOG NUMBER(S) FOR APPROVAL.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PRODUCTS, MATERIALS AND EQUIPMENT REQUIRED TO BE FABRICATED, OR WHEN STANDARD PUBLISHED PRODUCT DATA IS NOT SUITABLE FOR USE.
3. SUBMIT 6 COPIES OF REQUESTED INFORMATION, NEATLY BOUND AND INDEXED PER CATEGORY FOR THE FOLLOWING:
   IRRIGATION:
   ALL LINES, SYSTEM EQUIPMENT COMPONENTS, MATERIALS INCLUDING PIPES, VALVES, FITTINGS, SPRINKLER HEADS, AND MISCELLANEOUS APPURTENANCES.
4. ALLOW TWO WEEKS FOR THE ENGINEER TO COMPLETE REVIEW AND APPROVAL OF PRODUCT DATA,COORDINATION DRAWINGS AND SHOP DRAWINGS. ENGINEER WILL NOT BE RESPONSIBLE FOR PROJECT DELAYS RELATED TO DELIVERY AND TRANSMISSION OF THE INFORMATION AND DOCUMENTATION ONCE INFORMATION HAS LEFT ENGINEER'S OFFICE. ITEMS REQUIRING A LONG LEAD TIME SHOULD BE SUBMITTED AS SOON AS POSSIBLE.
5. CONTRACTOR SHALL PROVIDE THE OWNER WITH OPERATION AND MAINTENANCE MANUALS FOR ALL OPERABLE EQUIPMENT (PUMP STATIONS AND CONTROLS, AUTOMATIC CONTROLLERS, CONTROL VALVES, AND ALL OTHER IRRIGATION SYSTEM COMPONENTS ETC.).
6. OPERATION AND MAINTENANCE MANUALS SHALL BE SUBMITTED AS A PRE-REQUISITE TO THE PROJECT BEING DEEMED SUBSTANTIALLY COMPLETE.

IRRIGATION SCHEDULE

ZONE	GPM/ZONE	DURATION	DAYLIGHT SAVINGS TIME	EASTERN STANDARD TIME
1	25.52	15 MINUTES	TUESDAY AND FRIDAY	TUESDAY
2	2.25	15 MINUTES	TUESDAY AND FRIDAY	TUESDAY
3	21.05	15 MINUTES	TUESDAY AND FRIDAY	TUESDAY
4	17.15	15 MINUTES	TUESDAY AND FRIDAY	TUESDAY
5	23.88	15 MINUTES	TUESDAY AND FRIDAY	TUESDAY
6	20.82	15 MINUTES	TUESDAY AND FRIDAY	TUESDAY

NOTES:
1. OPTIMUM START TIME FOR THE IRRIGATION SYSTEM IS 4:00 AM.
2. TOTAL RUN TIME FOR THE SYSTEM IS 90 MINUTES (1 HOUR AND 30 MINUTES).
3. WATER WINDOW IS FROM 12:01 AM AND 10:00 AM.

SLEEVE SIZE SCHEDULE

PIPE SIZE (CLASS 200)	SLEEVE SIZE (SCHEDULE 40)
3/4"	1-1/2"
1"	2"
1-1/4"	2-1/2"
1-1/2"	3"
2"	4"
2-1/2"	6"

VALVE CALLOUT
VALVE NUMBER
GPM
SIZE

SCHULKE, BITTLE & STODDARD, L.L.C.
CIVIL & STRUCTURAL ENGINEERING · LAND PLANNING · ENVIRONMENTAL PERMITTING
CERTIFICATION OF AUTHORIZATION NO. 6626/6615
1717 INDIAN RIVER BLVD. VERO BEACH, FLORIDA 32960
TEL 772/770-6622 FAX 772/770-9408 EMAIL info@sbsengineers.com

ALL DRAWINGS ARE THE PROPERTY OF THE ENGINEER AND SHALL NOT BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. UNAUTHORIZED USE IS PROHIBITED AND WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

IRRIGATION PLAN

INDIAN RIVER VILLAS

ENGINEER CERTIFICATION
☐ JOSEPH W. SCHULKE, FL. NO. 34, 4-1-94
☐ SEAN B. BITTLE, FL. NO. 70, 5-7-98
☐ WILLIAM P. STODDARD, FL. NO. 57605

DATE:
SHEET: 7B
PROJECT NO.: 18–120

EROSION CONTROL NOTES

1. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
6. AFTER ANY SIGNIFICANT RAINFALL (0" OR GREATER) SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
7. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL
8. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
9. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
10. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS,PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND-DISTURBING ACTIVITIES.
12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION.
14. EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN INDEX NUMBERS 101, 102 AND 103 OF F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, IN ADDITION TO THESE PLANS.
15. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN-OFF OR DEWATERING ACTIVITIES.
16. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY REQUIREMENTS.
17. POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMPS MAYBE NECESSARY AT CONTRACTOR'S EXPENSE. NOI TO BE POSTED ON SITE.
18. NO TURBID DISCHARGE. TURBIDITY READINGS ARE REQUIRED ONCE A WEEK AND MUST BE REPORTED TO THE PROJECT ENGINEER.
19. DEWATERING ACTIVITIES:
    A. DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.
    B. CONTRACTOR MUST HAVE OR OBTAIN A TRANSFERABLE SJRWMD CONSUMPTIVE USE PERMIT KNOWN AS A "NOTICED GENERAL PERMIT FOR SHORT TERM CONSTRUCTION DE-WATERING". UNLESS DEWATERING ACTIVITIES WILL RESULT IN LESS THAN 300,000 GPD FOR 30 DAYS OR LESS.
    C. NO HYDRAULIC PUMPS MAY BE USED FOR DEWATERING UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA. DEWATERING EXISTING STORMWATER RETENTION AREAS (PONDS/LAKES) MAY BE EXEMPT FROM THIS CONDITION. CONTRACTOR TO CONFIRM WITH SJRWMD.
    D. NO TURBID DISCHARGE. TURBIDITY READINGS ARE REQUIRED ONCE A WEEK AND MUST BE REPORTED TO THE PROJECT ENGINEER AND TO CITY OF FT. PIERCE.
20. SEE ADDITIONAL DETAILS, SPECIFICATIONS AND REQUIREMENTS OF SHEET 4, 11-13.

STORMWATER POLLUTION PREVENTION PLAN

A SITE PLAN MUST BE DEVELOPED AND MUST CONTAIN, AT A MINIMUM, THE FOLLOWING INFORMATION:
1. DRAINAGE PATTERNS - SEE SURVEY AND DRAINAGE PLAN SHEET 3 & 7.
2. APPROXIMATE SLOPES AFTER MAJOR GRADING ACTIVITIES - SEE SHEET 7.
3. AREAS OF SOIL DISTURBANCE, - SEE SHEETS 2, AND THIS SHEET.
4. OUTLINE ALL AREAS THAT ARE NOT TO BE DISTURBED- N/A.
5. LOCATION OF ALL MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS.-THIS SHEET.
6. THE LOCATION OF EXPECTED STABILIZATION PRACTICES, -THIS SHEET.
7. NO WETLANDS AND SURFACE WATERS.
8. LOCATIONS WHERE STORMWATER MAY DISCHARGE TO A SURFACE WATER OR MS4. SEE SHEET 7.

DESCRIBE THE NATURE OF THE CONSTRUCTION ACTIVITY:
DEMOLITION, LAND CLEARING, EARTHWORK, PAVING AND UTILITY WORK FOR BUILDING, PARKING AND SITE IMPROVEMENTS.

DESCRIBE THE INTENDED SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:
1. SITE PREPARATION AND STABILIZE CONSTRUCTION ENTRANCE.
2. INSTALL SILT FENCE AROUND PERIMETER OF SITE. INSTALL TURBIDITY BARRIERS AT ALL OUTFALL LOCATIONS. CLEAR LAND. CONSTRUCT BERM ON PERIMETER AND TEMPORARY SWALES AS SHOWN ON PLANS. BERM SHALL BE CONSTRUCTED USING INITIAL IMPORTED FILL MATERIAL. THE BERM AND SWALE SHALL BE SEEDED.

TOTAL AREA OF THE SITE: 0.975 ACRES
TOTAL AREA OF THE SITE TO BE DISTURBED: 0.975 ACRES

EXISTING DATA DESCRIBING THE SOIL OR QUALITY OF ANY STORMWATER DISCHARGE:
SEE SOIL BORINGS BY SHEETS 2. NO DISCHARGE FROM DISTURBED AREAS IS ANTICIPATED.

DRAINAGE AREA SIZE FOR EACH DISCHARGE POINT:
ENTIRE SITE = 0.975 ACRES

LATITUDE AND LONGITUDE OF THE SITE:
LATITUDE = N 27° 26' 38.6"
LONGITUDE = W 80° 19' 19.0"

BEST MANAGEMENT PRACTICES (BMPS) AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE AND TIME FRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED:
THE CONTRACTOR WILL USE HAY BALES, SILT FENCE, FILTER BARRIERS, AND OTHER BMPS. THE TIME FRAMES FOR CLEARING, EARTHWORK, AND ANTICIPATED BMP'S ARE:

1. INSTALL SILT FENCE AT PERIMETER OF SITE AND SILT BARRIERS AT DOWNSTREAM DITCHES/SWALES.
2. CLEAR/GRUB AREA NECESSARY FOR TEMPORARY GRAVEL DRIVEWAY AND ADJACENT SWALE.
3. CONSTRUCT TEMPORARY GRAVEL DRIVEWAY WITH SWALE, AND GRADE/SOD SWALE AT ENTRANCE.
4. CLEAR BALANCE OF SITE.
5. CONSTRUCT 12" RCP AND MITERED END SECTIONS.
6. IMPORT FILL MATERIAL:
   -CONSTRUCT CONTAINMENT BERMS . SEED/MULCH BERMS.
   -FILL BALANCE OF SITE.
7. MAINTAIN DOWNSTREAM SILT BARRIERS AND PERIMETER SILT FENCE, DURING CONSTRUCTION.
8. INCORPORATE ADDITIONAL BMP'S WHEN NEEDED DURING THE COURSE OF CONSTRUCTION.
   -POLLYWADDLE/ SILT FENCE/ FILTER SACKS AS INLETS AND PIPES ARE INSTALLED.
   -PROVIDE STOCKPILE PROTECTION, CONCRETE/ STUCCO WASH AREAS, AND OTHER BMP'S WHEN NECESSARY TO CONTAIN PROPOSED WORK.

TEMPORARY AND PERMANENT STABILIZATION PRACTICES:
-TEMP. HAY BALES/SLIT FENCES/FLOATING TURBIDITY BARRIERS PER PLAN. FILTER FABRIC SHALL BE PLACED UNDER THE ROCK GRAVEL DRIVEWAY, AT ALL SWALE OUTFALLS, AND RETENTION POND OUTFALLS.
-PERM. SEEDED/MULCHED,SOD. CONTROLLED GRADING AND DRAINAGE TO DETENTION BASINS.
-STABILIZE ALL DE-NUDED AREAS IF LEFT UNDISTURBED FOR MORE THAN 7 DAYS - USE RYE GRASS PER MANUFACTURER'S APPLICATION RATES, AND MULCHED WITH STRAW AT 4000 LB PER ACRE.

STRUCTURAL CONTROLS TO BE IMPLEMENTED TO DIVERT STORMWATER FLOW FROM RECEIVING WATERS:
-TEMP. GRAVEL ENTRANCE ROAD, GRADED TO DRAIN TO A TEMPORARY SEDIMENT SWALE OR RETENTION AREA.
-TEMP. DRAINS TO RETENTION PONDS
-TEMP. BERMS AT PROJECT PERIMETER - PER PLAN.
-INLETS/OUTLETS WILL BE PROTECTED WITH FILTER FABRIC AND PROPERLY INSTALLED HAY BALES.
-SILT FENCE SHALL BE PLACED AROUND THE ENTIRE PERIMETER OF DISTURBED AREAS.
-A DOUBLE ROW OF SILT FENCE WILL BE PROVIDED AROUND ALL STOCK PILE AREAS.

PERMANENT STORMWATER MANAGEMENT CONTROLS SUCH AS, DETENTION OR RETENTION SYSTEMS OR VEGETATED SWALES.
-WET DETENTION SYSTEMS INCORPORATED AS PERMANENT BMP FOR WATER QUALITY CONTROL.

DESCRIBE IN DETAIL CONTROLS FOR THE FOLLOWING POTENTIAL POLLUTANTS:
WASTE DISPOSAL:
-ON SITE WASTE WILL BE CONTAINERIZED, CONTRACTOR IS RESPONSIBLE FOR RECYCLING ALL WASTE MATERIALS, WITH A MINIMUM REQUIREMENT OF 75%.
-CONCTRETE/ STUCCO WASH AREA SHALL BE PROVIDED.
-STOCKPILE AREAS SHALL BE PROTECTED WITH SILT FENCE AND STABILIZED/ SEEDED IF LEFT UNATTENDED FOR MORE THAN 7 DAYS.

OFFSITE VEHICLE TRACKING:
-PROVIDE HARD SURFACE AT TEMP. DRIVEWAY (ROCK/GRAVEL DRIVEWAY).
-REGULAR MAINTENANCE OF ADJACENT ROAD RIGHT OF WAY, INCLUDING STREET SWEEPING, & RUT REPAIR IN NON-PAVED AREAS.

APPLICATION RATES OF ALL FERTILIZERS, HERBICIDES AND PESTICIDES:
-NONE PROPOSED.

STORAGE, APPLICATION, GENERATION AND MIGRATION OF ALL TOXIC SUBSTANCES:
-NONE PROPOSED.

DESCRIPTION OF THE MAINTENANCE PLAN FOR ALL STRUCTURAL AND NON-STRUCTURAL CONTROLS.
-CONTRACTOR SHALL HAVE SWPPP COMPONENTS INSPECTED BY A FDEP CERTIFIED INSPECTOR AND MAINTAIN ALL CONTROLS DAILY, AND HAVE WEEKLY SWPPP INSPECTION REPORTS PREPARED, AND WITHIN 24 HOURS OF THE END OF ANY RAINFALL EVENT THAT IS ½" OR GREATER.
-ENGINEER SHALL INSPECT PERIODICALLY.

NOTES:
1. THIS PLAN (SHEETS 4 AND 5), COPY OF FDEP NOI (STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES) AND ALL REQUIRED INSPECTION REPORTS, TESTS, AND ALL OTHER DOCUMENTATION SHALL BE KEPT AT THE PROJECT SITE.
2. THE FOLLOWING CERTIFICATION SHALL BE COMPLETED BY AL CONTRACTORS/ SUB-CONTRACTORS RESPONSIBLE FOR ANY PORTION OF THE IMPLEMENTATION OF THE S.W.P.P.P.:

CERTIFICATION:
" I CERTIFY UNDER THE PENALTY OF LAW THAT I UNDERSTAND AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

SWPPP DESCRIPTION OF WORK/ RESPONSIBILITY	NAME TITLE	CONTRACTOR OR SUB CONTRACTOR (NAME, ADDRESS, PHONE)	NAME/SIGNATURE TO CERTIFICATION	DATE
			BY: SIGNATURE	
			BY: SIGNATURE	
			BY: SIGNATURE	

PLAN PREPARATION:
1. THIS PLAN ORIGINALLY PREPARED BY THE OWNER'S ENGINEER. THIS PLAN WILL BE MADE AVAILABLE TO CONTRACTOR TO EDIT, CHANGE, MODIFY, AS IT DEEMS NECESSARY FOR COMPLIANCE WITH FDEP REGULATIONS, PERMIT CONDITIONS, AND AS REQUIRED FOR CONTRACTOR TO SIGN THE CERTIFICATION BELOW.
2. THE FOLLOWING CERTIFICATION SHALL BE SIGNED BY THE ENTITY (CONTRACTOR) RESPONSIBLE FOR SWPP PLAN IMPLEMENTATION:

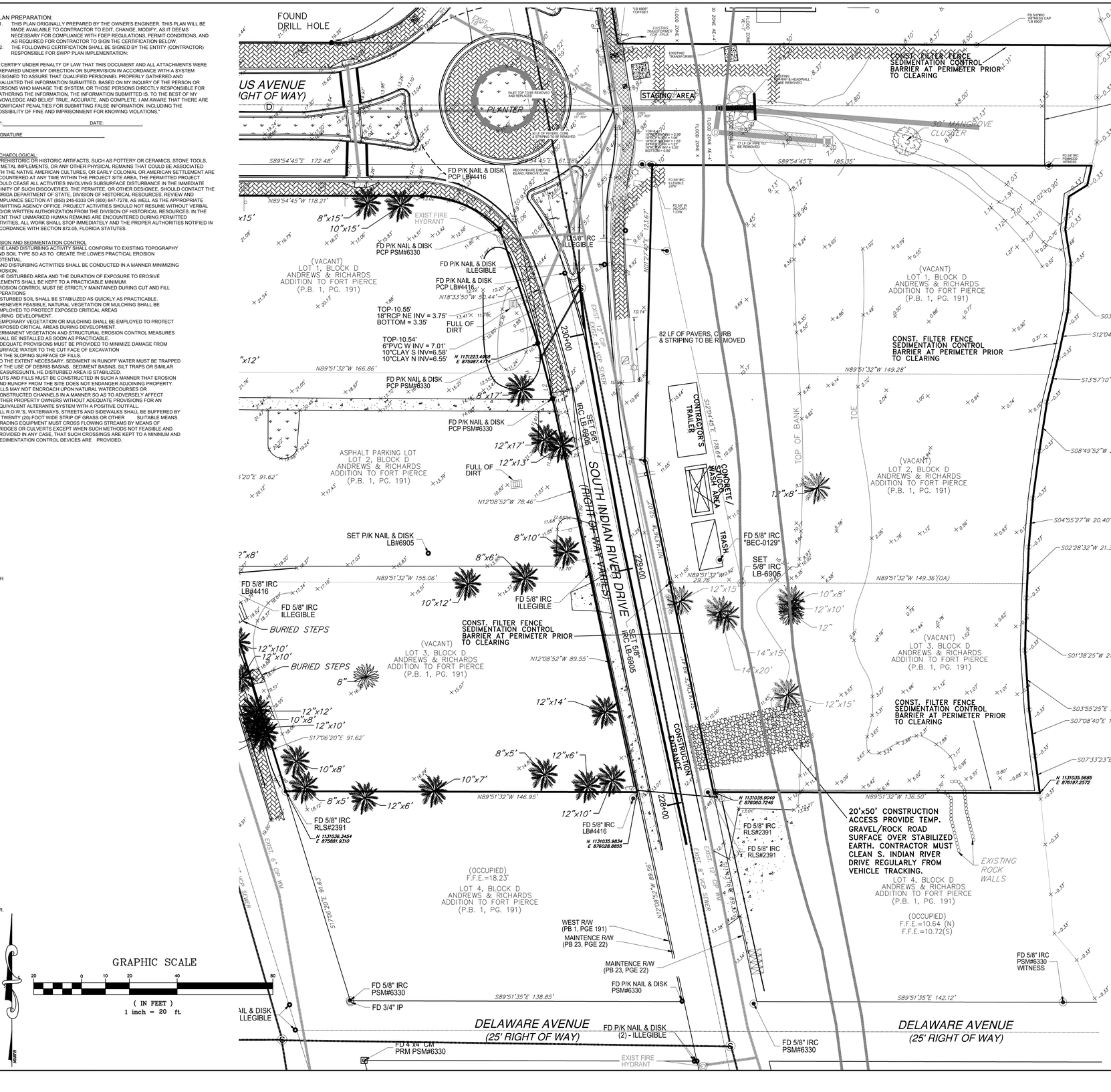
" I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

BY:_____ DATE:_____

SIGNATURE

ARCHAEOLOGICAL:
IF PREHISTORIC OR HISTORIC ARTIFACTS, SUCH AS POTTERY OR CERAMICS, STONE TOOLS, OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH THE NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME WITHIN THE PROJECT SITE AREA, THE PERMITTED PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH FINDINGS. THE PROJECT MANAGER OR OTHER DESIGNEE SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, REVIEW AND COMPLIANCE SECTION AT (850) 245-6333 OR (800) 847-7278, AS WELL AS THE APPROPRIATE PERMITTING AGENCY OFFICE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK SHALL STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH SECTION 872.05, FLORIDA STATUTES.

EROSION AND SEDIMENTATION CONTROL
A. THE LAND DISTURBING ACTIVITY SHALL CONFORM TO EXISTING TOPOGRAPHY AND SOIL TYPE SO AS TO CREATE THE LOWEST POTENTIAL FOR EROSION.
B. LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN A MANNER MINIMIZING EROSION.
C. THE DISTURBED AREA AND THE DURATION OF EXPOSURE TO EROSIVE ELEMENTS SHALL BE KEPT TO A PRACTICABLE MINIMUM.
D. EROSION CONTROL MUST BE STRICTLY MAINTAINED DURING CUT AND FILL OPERATIONS
E. DISTURBED SOIL SHALL BE STABILIZED AS QUICKLY AS PRACTICABLE.
F. WHENEVER FEASIBLE, NATURAL VEGETATION OR MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREAS DURING DEVELOPMENT.
G. TEMPORARY VEGETATION OR MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREAS DURING DEVELOPMENT.
H. PERMANENT VEGETATION AND STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICABLE.
I. ADEQUATE PROVISIONS MUST BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATION OR THE SLOPING SURFACE OF FILLS.
J. TO THE EXTENT NECESSARY, SEDIMENT IN RUNOFF WATER MUST BE TRAPPED BY THE USE OF DEBRIS BASINS, SEDIMENT BASINS, SILT TRAPS OR SIMILAR MEASURESUNTIL HE DISTURBED AREA IS STABILIZED.
K. CUTS AND FILLS MUST BE CONSTRUCTED IN SUCH A MANNER THAT EROSION AND RUNOFF FROM THE SITE DOES NOT ENDANGER ADJOINING PROPERTY.
L. FILLS MAY NOT ENCROACH UPON NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS WITHOUT ADEQUATE PROVISIONS FOR AN EQUIVALENT ALTERANTE SYSTEM WITH A POSITIVE OUTFALL.
M. ALL R.O.W.'S, WATERWAYS, STREETS AND SIDEWALKS SHALL BE BUFFERED BY A TWENTY (20) FOOT WIDE STRIP OF GRASS OR OTHER SUITABLE MEANS.
N. GRADING EQUIPMENT MUST CROSS FLOWING STREAMS BY MEANS OF BRIDGES OR CULVERTS EXCEPT WHEN SUCH METHODS NOT FEASIBLE AND PROVIDED IN ANY CASE, THAT SUCH CROSSINGS ARE KEPT TO A MINIMUM AND SEDIMENTATION CONTROL DEVICES ARE PROVIDED.



GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

SHEET

SCHULKE, BITTLE & STODDARD, L.L.C.
ENGINEERING · LAND PLANNING · ENVIRONMENTAL PERMITTING
CIVIL & STRUCTURAL ENGINEERING
CERTIFICATION OF AUTHORIZATION NO.: 000008988
1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FLORIDA 32960
TEL 772 770-9622 FAX 772 770-9486 EMAIL info@stsengineers.com

ALL DRAWINGS ARE THE PROPERTY OF THE ENGINEER. THEY ARE NOT TO BE USED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. UNAUTHORIZED USE OF THESE DRAWINGS IS PROHIBITED PURSUANT TO THE COPYRIGHT LAWS.

EXISTING CONDITIONS/ DEMOLITION AND POLLUTION PREVENTION PLAN

INDIAN RIVER VILLAS

OWNER CERTIFICATE
☐ KEITH A. SCHULKE, P.E. FL REG. NO. 47548
☐ DAVID D. DITTLE, P.E. FL REG. NO. 67746
☐ WILLIAM F. STODDARD FL REG. NO. 57905

DATE:

SHEET 2

PROJECT NO. 18–120

THE SUNRISE CITY
FORT PIERCE
PLANNING DEPARTMENT Florida

PUBLIC NOTIFICATION CERTIFICATION

PROJECT NAME: Indian River Villas

NOTICES PROVIDED PURSUANT TO: 166.041 (3)(a) F.S.S., Section 22-143 COFP Code of Ord.

NOTICE BY NEWSPAPER: Sept. 30, 2018

NOTICE BY MAIL: September 30, 2018

NOTICE BY SIGNS: October 4, 2018

VERIFIED BY: Rebecca Grohall **TITLE:** Planning Director

SIGNATURE: R Grohall **DATE:** October 4, 2018

City Commission Regular Meeting **12.c.**

Meeting Date: 10/15/2018

Re: Ordinance No. 18-037; Amendment to the City of Fort Pierce Pension Plan

Submitted For: Johnna Morris, Finance Director, Finance Department

SUBJECT:

Legislative Hearing - Ordinance 18-037 Amending Chapter 13; Changing the Retirement vesting period from 10 years to 5 years. FIRST READING

SUMMARY:

The amendment of Chapter 13 of the Code is to change the vesting years of service for all employees from 10 years to 5 years; to include employees hired on or after October 1, 2012.

RECOMMENDATION:

Adopt Ordinance No.18-037, amending Chapter 13 of the Code.

ALTERNATIVES:

Deny the amendment

RESPONSIBLE STAFF:

Finance Director

COORDINATED WITH:

City of Fort Pierce Retirement Board
City Clerk for Advertising

Fiscal Impact

Fiscal Year: 2018

OTHER INFORMATION:

N/A

Attachments

18-037
Proof of Publication
Impact Statement

Form Review

Inbox	Reviewed By	Date
Finance Department	Johnna Morris	10/09/2018 02:14 PM
City Manager	Nick Mimms	10/10/2018 02:13 PM
Form Started By: Queen Thompkins		Started On: 09/27/2018 09:15 AM
Final Approval Date: 10/10/2018		

ORDINANCE NO. 18-037

AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA AMENDING CODE SECTION 13-36; PROVIDING FOR DECREASE IN CREDITED SERVICE REQUIREMENT FOR DISABILITY RETIREMENT ENTITLEMENT; AMENDING CODE SECTION 13-39; DECREASING CREDITED SERVICE REQUIREMENT FOR NORMAL RETIREMENT; AMENDING CODE SECTION 13-40; DECREASING CREDIT SERVICE REQUIREMENT FOR UTILITIES AUTHORITY COVERAGE PLAN; AMENDING CODE SECTION 13-42; DECREASING CREDITED SERVICE REQUIREMENT FOR POLICE OFFICER COVERAGE PLAN; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS on September 16, 2013, there was adopted Ordinance L-298 which ordinance among other things increased service credit requirements for pension eligibility of general employees of the City, police officers and employees of the Utility Authority, from five years to ten (10) years; and

WHEREAS it is desirable that the original credit service requirement of five (5) years be restored retroactively so as to eliminate the ten (10) year eligibility requirement, inasmuch as a five (5) year vesting period for pension entitlement is deemed an important benefit to employees and serves the public welfare by reducing personnel turnover and related training expenses when employees leave the City's employment prematurely so as to find more attractive conditions elsewhere;

NOW THEREFORE BE IT ORDAINED by the City Commission of the City of Fort Pierce, as follows:

SECTION 1. Section 13-36 of the Code of Ordinances is hereby amended so that the same shall read hereinafter as follows:

Sec. 13-36. - Disability retirement; conditions for.

The retirement board may retire a member on account of disability if all of the following requirements have been met:

1) The member has five (5) or more years of credited service~~, or no fewer than ten (10) years if the individual became a member on or after October 1, 2012~~;

2) The member was a member at the time the disability was incurred;

3) A written application for disability retirement, in the form and containing the information prescribed by the retirement board, has been filed with the retirement system by the member or the member's department head;

4) Membership is terminated prior to the selected date of disability retirement;

5) The participant submits to all medical examinations and tests and furnishes copies of all medical reports requested by the retirement board;

6) The retirement board determines the member to be totally and permanently incapacitated for duty in the employ of the member's participating employer, by reason of a personal injury or disease;

7) Two (2) physicians, one of whom shall be selected by the retirement board and paid by the retirement system, and one of whom shall be selected by the member and paid by the member, both report to the retirement board, in writing, that the member is mentally or physically totally incapacitated for duty in the employ of the member's participating employer, the incapacity will probably be permanent, and the member

should be retired.

The five (5) years of credited service requirement~~, or the ten (10) years of credited service required for individuals who became members on or after October 1, 2012,~~ contained in this section shall be waived in the case of a member whom the retirement board finds to be in receipt of weekly workers compensation on account of disability arising out of and in the course of his employment by a participating employer.

SECTION 2. Section 13-39 of the Code of Ordinance is hereby amended so that the same shall read hereinafter as follows:

Sec. 13-39. - General coverage plan; applicability; credited service and/or age and credited service requirements for normal retirement; amount of normal retirement annuity; member contribution rate.

(a) The general coverage plan is applicable to all members to whom a different coverage plan is not specifically made applicable.

(b) The credited service and/or age and credited service requirement for normal retirement are:
  (1) Twenty-five (25) or more years of credited service; or
  (2) Age sixty (60) years or older and five (5) or more years of credited service~~, or no fewer than ten (10) years if the individual became a member on or after October 1, 2012~~.

(c) The amount of a normal retirement annuity under the standard form of payment is:
  (1) For general employees who are covered by a collective bargaining agreement, three (3) percent of the member's final average salary times the member's credited service, not to exceed the applicable maximums set forth in sections 13-31 and 13-64.
  (2) For general employees who are not covered by a collective bargaining agreement, three (3) percent of the member's final average salary times the member's credited service, not to exceed the applicable maximums set forth in sections 13-31 and 13-64.

(d) The member contribution rate is five and sixteen one-hundredths (5.16) per cent shall be the following per cent of compensation:
  (1) Five and sixteen one-hundredths (5.16) percent for general employees employed by the city who are subject to collective bargaining.
  (2) Five and sixteen one-hundredths (5.16) percent for general employees employed by the city who are not subject to collective bargaining.

(e) The credited service requirement for vested termination of membership is five (5) years~~, or ten (10) years if the individual became a member of the system on or after October 1, 2012~~. A vested former member may make application for benefit commencement on or after attainment of age sixty (60) years.

SECTION 3. Section 13-40 of the Code of Ordinances is hereby amended so that the same shall read hereinafter as follows:

Sec. 13-40. - Utilities authority coverage plan; applicability; credited service and/or age and credited service requirements for normal retirement; amount of normal retirement annuity; member contribution rate.

(a) The utilities authority coverage plan is applicable to all members employed by the Ft. Pierce Utilities Authority.

(b) The credited service and/or age and credited service requirement for normal retirement are:
  (1) Twenty-five (25) or more years of credited service; or

(2) Age sixty (60) years or older and five (5) or more years of credited service, or no fewer than ten (10) years if the individual became a member on or after October 1, 2012.

(c) The amount of a normal retirement annuity under the standard form of payment is three (3) percent of final average compensation times credited service, subject to the applicable maximums set forth in sections 13-31 and 13-64

(d) The member contribution rate is six and sixteen-one-hundredths (6.16) per cent of compensation.

(e) The credited service requirement for vested termination of membership is five (5) years~~, or no fewer than ten (10) years if the individual became a member of the system on or after October 1, 2012~~. A vested former member may make application for benefit commencement on or after attainment of age sixty (60) years.

SECTION 4. Section 13-42 of the Code of Ordinances of the City of Fort Pierce is hereby amended so that same shall read hereinafter as follows:

Sec. 13-42. - Police officer coverage plan; applicability; credited service and/or age and credited service requirements for normal retirement; amount of normal retirement annuity; member contribution rate.

(a) The police officer coverage plan is applicable to all members who are a police officer employed by the city.

(b) The credited service and/or age and credited service requirement for normal retirement are:
(1) Twenty-five (25) or more years of credited service; or
(2) Age fifty-five (55) years or older and five (5) or more years of credited service~~, or ten (10) or more years of credited service if the individual became a member of the system on or after October 1, 2012~~.

(c) The amount of a normal retirement annuity under the standard form of payment is three (3) percent of the member's final average salary times the member's credited service, not to exceed the applicable maximum set forth in sections 13-31 and 13-64.:

(1) For police officers who are covered by a collective bargaining agreement, three (3) percent of the member's final average salary times the member's credited service, not to exceed the applicable maximums set forth in sections 13-31 and 13-64.
(2) For police officers who are not covered by a collective bargaining agreement, three (3) percent of the member's final average salary times the member's credited service, not to exceed the applicable maximums set forth in sections 13-31 and 13-64.

(d) The member contribution rate shall be the following percent of compensation:

(1) Five and sixteen one-hundredths (5.16) percent for police officers employed by the city who are subject to collective bargaining;
(2) Five and sixteen one-hundredths (5.16) percent for police officers employed by the city who are not subject to collective bargaining.

(e) The credited service requirement for vested termination of membership is five (5) years~~, or ten (10) years if the individual became a member of the system on or after October 1, 2012~~. A vested former member may make application for

benefit commencement on or after attainment of age sixty (60) years.

SECTION 5. In the event a court of competent jurisdiction should determine hereafter that any part of this ordinance is invalid, for any reason, then, in such event, the invalid portion shall be severed, with the remainder of such ordinance to be given full force and effect.

SECTION 6. All ordinances or parts of ordinances in conflict herewith are and the same shall be repealed and shall be of no further force or effect whatsoever.

SECTION 7. This ordinance is and the same shall become effective retroactively to September 16, 2013, upon final passage hereof.

APPROVED AS TO FORM
& CORRECTNESS:

_____
Ben Bryan Jr., Esq.
Interim City Attorney

STATE OF FLORIDA
COUNTY OF ST. LUCIE

WE, THE UNDERSIGNED, Mayor Commissioner and the City Clerk of the City of Fort Pierce, Florida, do hereby certify that the foregoing and above Ordinance No. 18-037 was duly advertised by title only in the St. Lucie News Tribune on October 5, 2018; copy of said Ordinance was made available at the office of the City Clerk to the public upon request; said Ordinance was duly introduced, read by title only, and passed on first reading by the City Commission of the City of Fort Pierce, Florida, on October 15, 2018 and was duly introduced, read by title only, and passed on second and final reading November 5, 2018, by the City Commission of the City of Fort Pierce, Florida.

IN WITNESS HEREWITH, we hereunto set our hands and affix the Official Seal of the City of Fort Pierce, Florida, this 5th day of November, 2018.

_____
Linda Hudson
Mayor Commissioner

ATTEST:

_____
Linda W. Cox
City Clerk

(CITY SEAL)

Treasure Coast Newspapers | TCPALM

St. Lucie News-Tribune
1939 SE Federal Highway, Stuart, FL 34994

AFFIDAVIT OF PUBLICATION

STATE OF FLORIDA
COUNTY OF ST. LUCIE

Before the undersigned authority personally appeared, Natalie Zollar, who on oath says that she is Classified Inside Sales Manager of the St. Lucie News-Tribune, a daily newspaper published at Fort Pierce in St. Lucie County, Florida: that the attached copy of advertisement was published in the St. Lucie News-Tribune in the following issues below. Affiant further says that the said St Lucie News-Tribune is a newspaper published in Fort Pierce, in said St. Lucie County, Florida, and that said newspaper has heretofore been continuously published in said St. Lucie County, Florida, daily and distributed in St. Lucie County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid or promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper. The St. Lucie News-Tribune has been entered as Periodical Matter at the Post Offices in Fort Pierce, St. Lucie County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

Customer	Ad Number	Copyline	PO #
463454 - CITY OF FORT PIERCE (LEGALS)	2133501	CITY OF FORT PIERCE NOTICE OF PUBLIC	18-037

Pub Dates
October 5, 2018

Sworn to and subscribed before me this day of, October 08, 2018, by

Natalie Zollar, who is
Natalie Zollar
(X) personally known to me or
( ) who has produced _____ as identification.

Karol E Kangas

Karol Kangas **Notary Public**

KAROL E KANGAS
Notary Public - State of Florida
Commission # GG 126041
My Comm. Expires Jul 29, 2021
Bonded through National Notary Assn.

CITY OF FORT PIERCE
NOTICE OF PUBLIC HEARING

The City Commission of the City of Fort Pierce, Florida, pursuant to City Charter and Florida Statute 166.041, will hold Public Hearings, on Monday, October 15, 2018 and Monday, November 5, 2018 on first and second readings, respectively in the City Hall Commission Chambers, 100 North U.S. #1, Fort Pierce, Florida, at their meeting which begins at 6:30 p.m., to consider review and approval of the following:

ORDINANCE NO. 18-037 - AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA AMENDING CODE SECTION 13-36; PROVIDING FOR DECREASE IN CREDITED SERVICE REQUIREMENT FOR DISABILITY RETIREMENT ENTITLEMENT; AMENDING CODE SECTION 13-39; DECREASING CREDITED SERVICE REQUIREMENT FOR NORMAL RETIREMENT; AMENDING CODE SECTION 13-40; DECREASING CREDIT SERVICE REQUIREMENT FOR UTILITIES AUTHORITY COVERAGE PLAN; AMENDING CODE SECTION 13-42; DECREASING CREDITED SERVICE REQUIREMENT FOR POLICE OFFICER COVERAGE PLAN; PROVIDING FOR A SEVERABILITY CLAUSE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH; PROVIDING FOR AN EFFECTIVE DATE.

All interested parties may appear at the meeting and be heard with respect to the Amendment of the Code of Ordinances. Said Ordinance will be available for inspection in the City Clerk's Office, City Hall, 100 North U.S. #1, Fort Pierce, Florida.

ANY PERSON SEEKING TO APPEAL THE DECISION OF THE CITY COMMISSION AS TO THE FOREGOING IS ADVISED THAT A RECORD OF PROCEEDINGS IS REQUIRED IN ANY SUCH APPEAL AND THAT SUCH PERSON MAY NEED TO INSURE THAT A VERBATIM RECORD OF PROCEEDINGS IS MADE INCLUDING THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

In accordance with the Americans with Disabilities Act and Section 286.26, Florida Statutes, persons with disabilities needing special accommodation to participate in this meeting should contact the City Clerk's Office at (772) 467-3065 at least 48 hours prior to the meeting.

/s/ Linda W. Cox, City Clerk
Pub October 5th 2018
TCN 2133501

GRS Retirement Consulting

800.521.0498 | P: 248.799.9000 | F: 248.799.9020 | www.grsconsulting.com

April 9, 2018

Ms. Johnna Morris
Finance Director
City of Fort Pierce Retirement
and Benefit System
100 North U.S. Highway One
Fort Pierce, Florida 34950

Re: City of Fort Pierce Retirement and Benefit System
Actuarial Impact Statement as of September 30, 2017

Dear Johnna:

As requested, we have prepared the enclosed Actuarial Impact Statements (AIS) to measure the financial impact of changing the vesting period for members hired after October 1, 2012.

Present Provision: The current vesting provisions are as follows:

- For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 10 or more years of service.

Proposed Provisions:

- **Proposal 1:** For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 8 or more years of service.
- **Proposal 2:** For all Members: 5 or more years of service.

Summary of Findings

- It is our understanding that benefits for current inactive or retired members would not be affected by the proposed benefit changes. They were excluded from this study.
- **Proposal 1**
  - The City's Contribution for Fiscal Year 2019 increases by $14,267, or 0.04% of covered payroll.
  - The System's funded ratio (Actuarial Value of Assets divided by Actuarial Accrued Liability) decreases from 89.38% to 89.37%.
  - The Unfunded Accrued Liability increases by $33,649.

- **Proposal 2**
  - The City's Contribution for Fiscal Year 2019 increases by $51,924, or 0.17% of covered payroll.
  - The System's funded ratio (Actuarial Value of Assets divided by Actuarial Accrued Liability) decreases from 89.38% to 89.34%.
  - The Unfunded Accrued Liability increases by $108,845.

Actuarial Disclosures

This report was prepared at the request of the City and is intended for use by the City and those designated or approved by the City. This report may be provided to parties other than the City only in its entirety and only with the permission of the City.

This report is intended to describe the financial effect of the proposed plan changes on the retirement system. Except as otherwise noted, potential effects on other benefit plans were not considered. No statement in this report is intended to be interpreted as a recommendation in favor of the changes, or in opposition to them. This report should not be relied on for any purpose other than the purpose described above. GRS is not responsible for unauthorized use of this report.

The actuarial assumptions and methods, financial data, and participant census data utilized in these calculations are the same actuarial assumptions and methods, financial data, and participant census data used in the actuarial valuation as of September 30, 2017 as presented in our report dated March 8, 2018, except for the changes noted above.

The date of the valuation was September 30, 2017. This means that the results of the supplemental valuation indicates what the September 30, 2017 valuation would have shown if the proposed benefit changes had been in effect on that date. Supplemental valuations do **not** predict the result of future actuarial valuations. Rather, supplemental valuations give an indication of the cost of the **benefit change only** without comment on the complete end result of future valuations.

If you have reason to believe that the assumptions that were used are unreasonable, that the plan provisions are incorrectly described, that important plan provisions relevant to this proposal are not described, or that conditions have changed since the calculations were made, you should contact the author of the report prior to relying on information in the report.

In the event that more than one plan change is being considered, it is important to remember that the results of separate actuarial valuations cannot generally be added together to produce a correct estimate of the combined effect of all of the changes. The total can be considerably greater than the sum of the parts due to the interaction of various plan provisions with each other, and with the assumptions that must be used.

Brad Lee Armstrong is a Member of the American Academy of Actuaries (MAAA) and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. The undersigned actuary is independent of the plan sponsor.

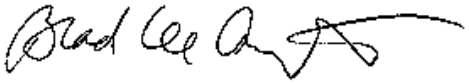
This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the Plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.

If there are any questions, or if we can be of further assistance, please contact us.

The Impact Statement should be transferred to the City of Fort Pierce letterhead and signed. A copy of the Impact Statement and Actuarial Cost Estimate should be sent prior to the second reading together with a copy of the proposed ordinance to:

Division of Retirement
Department of Management Services
Bureau of Program Services
P.O. Box 9000
Tallahassee, Florida 32315-9000

Sincerely,



Brad Lee Armstrong, ASA, EA, FCA, MAAA

BLA:sc
Enclosures

City of Fort Pierce Retirement and Benefit System
Actuarial Impact Statement, April 9, 2018

Description of Amendments

Current Provisions of Interest

- **Vested Benefit** – For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 10 or more years of service.

Proposed Provisions of Interest

- **Vested Benefit** – For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 8 or more years of service.

Funding Implications of the Amendments

An actuarial cost estimate for the amendments is attached.

Certification of Administrator

The actuary has been furnished with a description of the amendments.

I believe the amendments to be in compliance with Part VII, Chapter 112, Florida Statutes and Section 14, Article X, of the Constitution of the State of Florida.

_____, Administrator
City of Fort Pierce
Retirement and Benefit System

City of Fort Pierce Retirement and Benefit System
Actuarial Cost Estimate, April 9, 2018

Actuarial Valuation Information

Valuation Date

September 30, 2017

Report Requested by

City of Fort Pierce

Group Valued

All active members.

Actuarial Assumptions and Methods

Assumptions and methods are the same as the September 30, 2017 actuarial valuation report dated March 8, 2018.

Amortization Period for Any Change in Actuarial Accrued Liability

30 years.

Summary of Data Used in Report

Same as the data used for the September 30, 2017 actuarial valuation.

Actuarial Impact of Proposal(s)

See attached pages.

Description of Amendments

Current Provisions of Interest

- **Vested Benefit** – For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 10 or more years of service.

Proposed Provisions of Interest

- **Vested Benefit** – For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 8 or more years of service.

City of Fort Pierce Retirement and Benefit System
Actuarial Cost Estimate, April 9, 2018

Contribution Implications of the Amendments

Before Amendment	General Members	Utilities Authority	Police Members
Normal Cost	15.24 %	14.49 %	16.16 %
Unfunded Actuarial Accrued Liability	3.87	6.41	0.00
Full funding credit	0.00	0.00	(0.50)
FS 112.64 (5) Compliance	2.31	2.64	0.77
Administrative Expenses	0.73	0.73	0.73
Total	22.15	24.27	17.16
Member portion	5.16	6.16	5.16
Employer portion	16.99	18.11	12.00
Illustrative Employer Portion	$1,627,793	$2,500,994	$900,394

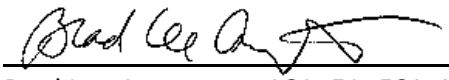
After Amendment	General Members	Utilities Authority	Police Members
Normal Cost	15.31 %	14.51 %	16.17 %
Unfunded Actuarial Accrued Liability	3.88	6.42	0.00
Full funding credit	0.00	0.00	(0.50)
FS 112.64 (5) Compliance	2.32	2.64	0.78
Administrative Expenses	0.73	0.73	0.73
Total	22.24	24.30	17.18
Member portion	5.16	6.16	5.16
Employer portion	17.08	18.14	12.02
Illustrative Employer Portion	$1,636,416	$2,505,137	$901,895

Allocation of Contribution Increase	General Members	Utilities Authority	Police Members
Member portion	0.00 %	0.00 %	0.00 %
Employer portion	0.09	0.03	0.02
Illustrative Employer Portion	$8,623	$4,143	$1,501

City of Fort Pierce Retirement and Benefit System
Actuarial Cost Estimate, April 9, 2018

Actuarial Present Values (thousands of dollars)

	Before Amendment				After Amendment			
	General Members	Utilities Authority	Police Members	Total	General Members	Utilities Authority	Police Members	Total
Actuarial present value of active member benefits:								
Service retirement	$26,942	$39,995	$25,464	$ 92,401	$26,942	$39,995	$25,464	$ 92,401
Vested termination benefits	2,735	3,877	1,485	8,097	2,838	4,012	1,566	8,416
Disability retirement	664	867	945	2,476	664	867	945	2,476
Survivor benefits (pre-retirement)	854	1,270	444	2,568	854	1,270	444	2,568
Termination benefits - refunds	266	421	241	928	223	330	171	724
Total	31,461	46,430	28,579	106,470	31,521	46,474	28,590	106,585
Actuarial present value of terminated vested members	1,687	2,071	407	4,165	1,687	2,071	407	4,165
Actuarial present value of retired members & beneficiaries	40,956	60,335	33,118	134,409	40,956	60,335	33,118	134,409
Total actuarial present value of future benefit payments	74,104	108,836	62,104	245,044	74,164	108,880	62,115	245,159
Actuarial Accrued Liability	64,855	96,438	53,848	215,142	64,872	96,452	53,852	215,175
Unfunded Actuarial Accrued Liability	7,352	12,801	2,690	22,842	7,368	12,814	2,693	22,876
Present value of active member future payroll	61,633	88,071	52,663	202,367	61,633	88,071	52,663	202,367
Present value of future active member contributions	3,180	5,425	2,717	11,323	3,180	5,425	2,717	11,323
Active member accumulated contributions	4,484	8,256	3,568	16,309	4,484	8,256	3,568	16,309



4/9/2018

Brad Lee Armstrong, ASA, EA, FCA, MAAA [17-5614]

City of Fort Pierce Retirement and Benefit System
Actuarial Impact Statement, April 9, 2018

Description of Amendments

Current Provisions of Interest

- **Vested Benefit** – For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 10 or more years of service.

Proposed Provisions of Interest

- **Vested Benefit** – For all Members: 5 or more years of service.

Funding Implications of the Amendments

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_____, Administrator
City of Fort Pierce
Retirement and Benefit System

City of Fort Pierce Retirement and Benefit System
Actuarial Cost Estimate, April 9, 2018

Actuarial Valuation Information

Valuation Date

September 30, 2017

Report Requested by

City of Fort Pierce

Group Valued

All active members.

Actuarial Assumptions and Methods

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Amortization Period for Any Change in Actuarial Accrued Liability

30 years.

Summary of Data Used in Report

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Actuarial Impact of Proposal(s)

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Description of Amendments

Current Provisions of Interest

- **Vested Benefit** – For Members hired prior to October 1, 2012: 5 or more years of service. For Members hired on or after October 1, 2012: 10 or more years of service.

Proposed Provisions of Interest

- **Vested Benefit** – For all Members: 5 or more years of service.

City of Fort Pierce Retirement and Benefit System
Actuarial Cost Estimate, April 9, 2018

Contribution Implications of the Amendments

Before Amendment	General Members	Utilities Authority	Police Members
Normal Cost	15.24 %	14.49 %	16.16 %
Unfunded Actuarial Accrued Liability	3.87	6.41	0.00
Full funding credit	0.00	0.00	(0.50)
FS 112.64 (5) Compliance	2.31	2.64	0.77
Administrative Expenses	0.73	0.73	0.73
Total	22.15	24.27	17.16
Member portion	5.16	6.16	5.16
Employer portion	16.99	18.11	12.00
Illustrative Employer Portion	$1,627,793	$2,500,994	$900,394

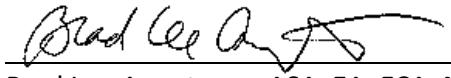
After Amendment	General Members	Utilities Authority	Police Members
Normal Cost	15.47 %	14.61 %	16.19 %
Unfunded Actuarial Accrued Liability	3.90	6.43	0.00
Full funding credit	0.00	0.00	(0.50)
FS 112.64 (5) Compliance	2.33	2.66	0.78
Administrative Expenses	0.73	0.73	0.73
Total	22.43	24.43	17.20
Member portion	5.16	6.16	5.16
Employer portion	17.27	18.27	12.04
Illustrative Employer Portion	$1,654,620	$2,523,090	$903,395

Allocation of Contribution Increase	General Members	Utilities Authority	Police Members
Member portion	0.00 %	0.00 %	0.00 %
Employer portion	0.28	0.16	0.04
Illustrative Employer Portion	$26,827	$22,096	$3,001

City of Fort Pierce Retirement and Benefit System
Actuarial Cost Estimate, April 9, 2018

Actuarial Present Values (thousands of dollars)

	Before Amendment				After Amendment			
	General Members	Utilities Authority	Police Members	Total	General Members	Utilities Authority	Police Members	Total
Actuarial present value of active member benefits:								
Service retirement	$26,942	$39,995	$25,464	$ 92,401	$26,942	$39,995	$25,464	$ 92,401
Vested termination benefits	2,735	3,877	1,485	8,097	3,060	4,273	1,666	8,999
Disability retirement	664	867	945	2,476	664	867	945	2,476
Survivor benefits (pre-retirement)	854	1,270	444	2,568	854	1,270	444	2,568
Termination benefits - refunds	266	421	241	928	135	176	75	386
Total	31,461	46,430	28,579	106,470	31,655	46,581	28,594	106,830
Actuarial present value of terminated vested members	1,687	2,071	407	4,165	1,687	2,071	407	4,165
Actuarial present value of retired members & beneficiaries	40,956	60,335	33,118	134,409	40,956	60,335	33,118	134,409
Total actuarial present value of future benefit payments	74,104	108,836	62,104	245,044	74,298	108,987	62,119	245,404
Actuarial Accrued Liability	64,855	96,438	53,848	215,142	64,908	96,490	53,853	215,251
Unfunded Actuarial Accrued Liability	7,352	12,801	2,690	22,842	7,404	12,852	2,694	22,951
Present value of active member future payroll	61,633	88,071	52,663	202,367	61,633	88,071	52,663	202,367
Present value of future active member contributions	3,180	5,425	2,717	11,323	3,180	5,425	2,717	11,323
Active member accumulated contributions	4,484	8,256	3,568	16,309	4,484	8,256	3,568	16,309



4/9/2018

Brad Lee Armstrong, ASA, EA, FCA, MAAA [17-5614]

City Commission Regular Meeting **13.a.**

Meeting Date: 10/15/2018

Re: Resolution 18R50 Certified Building Code Exemptions

Submitted For: Paul Thomas, Building Official, Building

SUBJECT:

Resolution No. 18-R50 - Accepting the Building Official's Certified Building Code Exemptions of certain structures.

SUMMARY:

The Building Department is requesting exemption from the permitting of certain structures as these structures do not conform to the Florida Building Code's guidelines, which renders them incapable of receiving a permit.

RECOMMENDATION:

Approval of Resolution 18-R50.

ALTERNATIVES:

Do not approve Resolution 18-R50

RESPONSIBLE STAFF:

Shaun Coss, CFM, Building Department Coordinator

COORDINATED WITH:

Paul Thomas, CBO, CFM, Building Official

Fiscal Impact

OTHER INFORMATION:

None at this time.

OTHER INFORMATION:

None at this time.

Attachments

18-R50 Accepting Bldg. Code Exemptions

Form Review

Inbox	Reviewed By	Date
Building	Paul Thomas	10/02/2018 04:51 PM
City Manager	Nick Mimms	10/05/2018 03:20 PM
Form Started By: Karen Murphy		Started On: 09/21/2018 04:23 PM

Final Approval Date: 10/05/2018

RESOLUTION NO. 18-R50

A RESOLUTION BY THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, ACCEPTING THE BUILDING OFFICIAL'S **CERTIFIED BUILDING CODE EXEMPTIONS** AS PROVIDED HEREIN; PROVIDING FOR APPLICABILITY OF OTHER CITY ORDINANCES; PROVIDING A SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Florida Building Code 6th Edition (FBC2017) went into effect on December 31, 2017; and

WHEREAS, pursuant to Section 102.2.5, of the Florida Building Code, the local building official certifies to the local board, code exemptions as defined in Section 102.2.5 1(a) and 1(b); and

WHEREAS, the City of Fort Pierce Building Official has certified to the City Commission of the City of Fort Pierce building permit exemptions set forth herein.

NOW, THEREFORE, BE IT RESOLVED by the City Commission of the City of Fort Pierce, Florida as follows:

SECTION 1. Based on the certification of the City of Fort Pierce Building Official, the following permit exemptions shall apply for alterations or repairs by owners of single family residences, and for non-owners of single family residences whose alterations or repairs do not exceed $5,000 within a twelve (12) month period, and which alterations or repairs do not constitute a substantial improvement by an owner or non-owner of a single family residence within a mapped flood zone:

1. The assembly and tie-down of one (1) prefabricated portable shed that is less than 120 square feet. "Portable" shall mean without a permanent type foundation and capable of being moved intact. "Assembly" methods consist of snapping together or screwing together included hardware and does not include the use of hardware intended to make the shed permanent. The portable shed shall not include any utilities. The portable shed shall be used exclusively for storage and no mechanical or electrical equipment shall be operated within or attached thereto.

2. Temporary shade structures, shade cloth structures or tents.

3. Domestic animal shelters less than 120 square feet and/or dog runs or similar enclosures less than 120 square feet when not used as a fence to enclose the property.

SECTION 2. The exemptions shall not allow nor permit the encroachment of setbacks; or, the erection of any unsafe, structurally unsound or dilapidated building or structure; or, create a nuisance or constitute any other violation of the City Ordinances of the City of Fort Pierce.

SECTION 3. The provisions of this Resolution are declared to be severable and if any section, sentence, clause, or phrase of this Resolution shall, for any reason, be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Resolution but shall remain in effect, it being the legislative intent that this Resolution shall stand notwithstanding the invalidity of any part.

SECTION 4. This Resolution is and the same shall become effective 10 days after final passage hereof.

IN WITNESS WHEREOF, this Resolution has been duly adopted this _____ day of October, 2018.

_____
LINDA HUDSON
MAYOR COMMISSIONER

ATTEST:

_____
LINDA W. COX
CITY CLERK

(CITY SEAL)

APPROVED AS TO FORM
AND CORRECTNESS:

_____
BEN BRYAN, JR., ESQ.
INTERIM CITY ATTORNEY

City Commission Regular Meeting **13.b.**

Meeting Date: 10/15/2018

Re: 18-R51 Police Officer Retirement Board

Submitted For: Linda Cox, City Clerk, City Clerk

SUBJECT:

Resolution 18-R51 Reappointing Carlos Villanueva to the Police Officers Retirement Fund Board of Trustees.

SUMMARY:

Mr. Villanueva is seeking reappointment to the Police Officers Retirement Fund Board of Trustees. No other applications have been received.

RECOMMENDATION:

Adopt Resolution 18-R51

ALTERNATIVES:

Seek additional applications.

RESPONSIBLE STAFF:

Linda W. Cox, City Clerk

COORDINATED WITH:

Finance Department
Resource Centers, LLC (Administrator of the Board)

Fiscal Impact

OTHER INFORMATION:

No fiscal impact.

Attachments

18-R51
Villanueva
Attendance

Form Review

Inbox	Reviewed By	Date
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Linda Cox Started On: 10/03/2018 10:43 AM

Final Approval Date: 10/05/2018

RESOLUTION NO. 18-R51

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT PIERCE, FLORIDA, **CERTIFYING THE APPOINTMENT OR REAPPOINTMENT OF A MEMBER TO THE POLICE OFFICERS RETIREMENT FUND BOARD OF TRUSTEES**; PROVIDING FOR AN EFFECTIVE DATE.

BE IT RESOLVED By the City Commission of the City of Fort Pierce, Florida, that the following be and is hereby appointed and/or reappointed by the City Commission to serve as a member of the Police Officers Retirement Fund Board of Trustees in accordance with Section 13-163(b) of the Code of Ordinances of the City of Fort Pierce and pursuant to the provisions of Chapter 185.05, Florida Statutes; said term to commence upon adoption of this Resolution and to expire as provided below or when a successor has been duly appointed.

Name	Position	Term Expires
Carlos Villanueva	City Appointed	September 29, 2022

BE IT FURTHER RESOLVED that this Resolution shall become effective upon adoption.

IN WITNESS WHEREOF, this Resolution has been duly adopted this 15th day of October, 2018.

_____
LINDA HUDSON, MAYOR COMMISSIONER

ATTEST:

_____
LINDA W. COX, CITY CLERK

(CITY SEAL)

APPROVED AS TO FORM
AND CORRECTNESS:

_____
BEN BRYAN, JR.
INTERIM CITY ATTORNEY

CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3065 fax (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: City of Ft. Pierce Officers' Retirement Trust Fund

Name: Carlos Villanueva	Phone: 772.318.9030
Home Address: [redacted] City/Zip Code:	How long at this address? 14 Years
Are you a citizen of the United States? ☒ Yes ☐ No	
Occupation: Deputy Chief, IRSC- Safety and Security	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☒ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☒ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☒ Yes ☐ No If yes, state the business and location: Indian River State College- Security	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☒ No Engineering: ☐ Yes ☒ No Real Estate Brokering: ☐ Yes ☒ No Contracting: ☐ Yes ☒ No Land Development: ☐ Yes ☒ No Other: Describe your education, background, training and knowledge – (feel free to attach a resume): Master's Degree in Human Resources, Bachelor's Liberal Arts	
Are you currently a member of a Commission-appointed board/committee? ☒ Yes ☐ No If yes, please specify: City of Ft. Pierce Officers Retirement Trust Fund	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address: lt4618@hotmail.com
Date: 09.24.18	Applicant's Signature

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
Please return form to: City Clerk's Office – 100 North US Hwy 1, Fort Pierce, Florida 34950
fax (772) 467-3841 or via email at lcox@city-ftpierce.com

Meeting Date	Villanueva
2/18/2014	✓
3/21/2014	✓
5/15/2014	✓
9/29/2014	✓
12/19/2014	✓
1/15/2015	✓
3/27/2015	✓
6/22/2015	✓
9/17/2015	✓
11/19/2015	Ø
3/17/2016	✓
6/16/2016	✓
9/15/2016	Ø
12/15/2016	✓
3/16/2017	✓
6/15/2017	✓
9/21/2017	Ø
12/15/2017	✓
3/15/2018	✓
6/28/2018	✓
6/28/2018	✓
9/20/2018	✓

City Commission Regular Meeting **13.c.**

Meeting Date: 10/15/2018

Re: Submittal of Applications for the Historic Preservation Board

Submitted For: Rebecca Grohall, Director, Planning & Zoning

SUBJECT:

Submittal of applications for the Historic Preservation Board

SUMMARY:

There are two regular member positions that need to be filled. Paul Sampson and Suzanne Boardman have submitted applications for consideration of reappointment. The attendance record for 2017 and 2018 is attached.

RECOMMENDATION:

Appoint/Reappoint two regular members.

ALTERNATIVES:

Take no action.

RESPONSIBLE STAFF:

Rebecca Grohall, Planning Director, AICP

COORDINATED WITH:

Linda Cox, City Clerk

Fiscal Impact

Budgeted Y/N:	N
Fiscal Year:	2018
Account:	N/A
Amount:	N/A

OTHER INFORMATION:

Not applicable

Attachments

Paul Sampson Reappointmemt Form

Suzanne Boardman Reappointment Form

Historic Preservation Board Attendance 2017 & 2018

Form Review

Inbox	Reviewed By	Date
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Alicia Rosenthal Started On: 09/21/2018 02:02 PM
Final Approval Date: 10/05/2018

CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3065 fax (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: HISTORIC PRESERVATION

Name: PAUL SAMPSON	Phone: 772-577-0434
Home Address: 241 BERMUDA BEACH DR City/Zip Code: FORT PIERCE FL 34949	How long at this address?
Are you a citizen of the United States? ☐ Yes ☐ No	
Occupation: SELF	
Do you own a business that operates within the City of Fort Pierce? ☑ Yes ☐ No If yes, list the address and nature of said business: TLCEXPERTS 1237 DELAWARE AVE FORT PIERCE FL 34950 CLEANING RESTORATION AND REMODLE	
Do you now or in the future plan to do business with the City of Fort Pierce? ☑ Yes ☐ No If yes, in what capacity? VENDER	
Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☐ No If yes, state the business and location:	
Do you have special training or knowledge in the area of: Architecture: ☑ Yes ☐ No Engineering: ☐ Yes ☐ No Real Estate Brokering: ☐ Yes ☐ No Contracting: ☑ Yes ☐ No Land Development: ☐ Yes ☐ No Other: Describe your education, background, training and knowledge – (feel free to attach a resume): RESTORATION BUILDING CONTRACTOR LICENSED MOLD	
Are you currently a member of a Commission-appointed board/committee? ☑ Yes ☐ No If yes, please specify: HISTORIC PRESERVATION	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address: PAUL@TLCEXPERTS.COM
Date: 8/30/18	Applicant's Signature Paul Sampson

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
Please return form to: City Clerk's Office – 100 North US Hwy 1, Fort Pierce, Florida 34950
fax (772) 467-3841 or via email at lcox@city-ftpierce.com

CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3065 fax (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: _____

Name: Suzanne Boardman	Phone: 772 828 5304
Home Address: City/Zip Code: 524 N 2nd St Ft Pierce FL	How long at this address? 16yrs
Are you a citizen of the United States? ☑ Yes ☐ No	
Occupation: Stylist	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☑ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☑ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☑ Yes ☐ No If yes, state the business and location: BBC INC Beach Bay Carpentry 524 N 2nd Ft Pierce FL 34950	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☐ No Engineering: ☐ Yes ☐ No Real Estate Brokering: ☐ Yes ☐ No Contracting: ☑ Yes ☐ No Land Development: ☐ Yes ☐ No Other: Landscaping Describe your education, background, training and knowledge – (feel free to attach a resume): Marketing/Public Relations BA from USC Cola, SC	
Are you currently a member of a Commission-appointed board/committee? ☑ Yes ☐ No If yes, please specify: Historical Vice Chair	
Have you ever been convicted of a felony? ☐ Yes ☑ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address: Suzanneboardman79@gmail Com
Date: 8/27/18	Applicant's Signature Suzanne Boardman

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
Please return form to: City Clerk's Office – 100 North US Hwy 1, Fort Pierce, Florida 34950
fax (772) 467-3841 or via email at lcox@city-ftpierce.com

HISTORIC PRESERVATION BOARD
ATTENDANCE RECORD 2017

BOARD MEMBERS	1/9/2017	2/27/2017	3/27/2017	4/24/2017	5/22/2017	6/26/2017	7/24/2017	8/28/2017	9/25/2017	10/23/2017	11/27/2017	12/19/2017
SAMPSON, PAUL (Chair as of 6/27/16)	P	P	x	E	E	P	E	P	P	P	E	P
HARRIS, PEGGY BROWN	E	P	x	E	P	P	E	E	P	P	P	E
SUZANNE BOARDMAN (Vice-Chair as of 6/27/16)	P	P	x	P	P	E	P	E	P	P	P	P
THEUNS, HOLLY	P	P	x	P	P	P	P	P	P	P	P	P
HAYEK, CHARLIE	P	P	x	P	P	P	E	P	P	P	P	P
BRODERICK, MICHAEL	P	P	x	P	P	P	P	P	P	P	P	P
OSTEEN, JARED (Regular member as of 10/26/16))	P	P	x	E	E	P	P	E	P	P	E	E
SMALL, PATRICK (Alternate #1 as of 10/26/16)	P	E	x	P	P	P	P	E	P	E	P	P
SHERWIN, MARLENE (Alternate #2 as of 7/5/16)	P	P	x	P	E	E	E	E	E	Passed Away		

P = PRESENT
E = EXCUSED
U = UNEXCUSED

Active Alternate

HISTORIC PRESERVATION BOARD
ATTENDANCE RECORD 2018

BOARD MEMBERS	1/22/2018	2/26/2018	3/26/2018	4/23/2018	5/29/2018	6/25/2018	7/23/2018	8/27/2018	9/24/2018	10/22/2018	11/26/2018	12/18/2017
SAMPSON, PAUL (Chair as of 6/27/16)	E	P	P	P	E	E	P	P				
HARRIS, PEGGY BROWN	E	P	P	E	P	E	E	E				
SUZANNE BOARDMAN (Vice-Chair as of 6/27/16)	P	E	P	P	P	E	P	P				
THEUNS, HOLLY	P	P	P	P	P	P	P	E				
HAYEK, CHARLIE	P	P	E	P	E	P	E	E				
BRODERICK, MICHAEL	P	P	P	E	P	P	P	P				
OSTEEN, JARED (Regular member as of 10/26/16))	P	E	P	P	E	P	E	P				
SMALL, PATRICK (Alternate #1 as of 10/26/16)	E	E	E	E	P	P	E	P				

P = PRESENT
E = EXCUSED
U = UNEXCUSED

Active Alternate

City Commission Regular Meeting **13.d.**

Meeting Date: 10/15/2018

Re: KFPB

Submitted For: Linda Cox, City Clerk, City Clerk

SUBJECT:

Submittal of applications to serve on the Keep Fort Pierce Beautiful Advisory Board.

SUMMARY:

Keep Fort Pierce Beautiful Advisory Board consists of nine members representing as follows: three City Employees (Public Works, Code Enforcement, Police Department), three City Residents, one St. Lucie County Resident, one Fort Pierce Business Owner, and one City Resident specializing in horticulture.

The current membership with expired or expiring terms is as follows:
Police Employee , Jorge Goz whose term expired 12/14/2017.
Code Employee, Janey Vanderhorst whose term expired 12/14/2017.
City Resident, Shirley Walker whose term expired 12/14/2017.
City Resident/Horticulture, Martha Wright whose term expired 12/14/2017.
City Resident, Charlene Adair, whose term will expire 11/01/2018.
Fort Pierce Business owner spot is currently vacant.

Other members include:
City Resident, Jane Zezeck , whose term will expire 1/18/2019.
Employee representing Public Works, Shyanne Helms, whose term will expire 1/18/2019.
St. Lucie County Resident, Matthew Samuels, whose term will expire 7/4/2019.

Jorge Goz and Janey Vanderhorst are seeking reappointment to their employee positions on the board. Martha Wright is seeking reappointment to her Resident/Horticulture position on the board. Leah Sweat, Coastal Wellness and Physiotherapy is seeking appointment as the Fort Pierce Business Owner.

Both Shirley Walker and Charlene Adair are seeking reappointment as City Residents. Additional eligible applications have been received from Bob Burge for consideration.

RECOMMENDATION:

Reappoint Jorge Goz and Janey Vanderhorst to their employee positions on the board. Reappoint Martha Wright as the Resident/Horticulture position on the board. Appoint Leah Sweat, Coastal Wellness and Physiotherapy as the Fort Pierce Business Owner representative on the Board as no other applications for these positions were received.

Select two other members to serve in the remaining City Resident positions from the eligible applications received from Shirley Walker, Charlene Adair, and Bob Burge.

ALTERNATIVES:
Seek additional applications.

RESPONSIBLE STAFF:
Shyanne Helms, Communications Manager
Paul Bertram, Public Works

COORDINATED WITH:
Linda W. Cox, City Clerk

Fiscal Impact

OTHER INFORMATION:
No fisal impact.

Attachments

Adair - City
Brown - City
Burdge - City
Goz - PD
Sweat - FP Business
Vanderhorst - Code
Walker - City
Wright - City/Horticulture
Attendance

Form Review

Inbox	Reviewed By	Date
City Manager	Nick Mimms	10/05/2018 03:20 PM

Form Started By: Linda Cox
Started On: 10/03/2018 09:31 AM
Final Approval Date: 10/05/2018

CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3065 fax (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: Keep Fort Pierce Beautiful

Name: Charlene Adair	Phone: 772-285-3757
Home Address: 1710 Francis CT City/Zip Code: Fort Pierce, FL 34949	How long at this address? 5yrs 3mos

Are you a citizen of the United States? ☒ Yes ☐ No

Occupation: retired

Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☒ No
If yes, list the address and nature of said business:

Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☒ No
If yes, in what capacity?

Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☒ No
If yes, state the business and location:

Do you have special training or knowledge in the area of:
Architecture: ☐ Yes ☒ No Engineering: ☐ Yes ☒ No Real Estate Brokering: ☐ Yes ☒ No
Contracting: ☐ Yes ☒ No Land Development: ☐ Yes ☒ No Other:
Describe your education, background, training and knowledge – (feel free to attach a resume):
Degree - Information Sciences; IT Dept @ Hewlett Packard, Mgmt. Consultant - Team bldgs, process improvement, Mgmt. Coaching

Are you currently a member of a Commission-appointed board/committee? ☒ Yes ☐ No
If yes, please specify: KFPB Advisory Board
Parks Committee

Have you ever been convicted of a felony? ☐ Yes ☒ No
If yes, what was the nature of the crime(s) you were convicted of:

Referred by: Shyanne Helms Applicant Email Address: cbadair4884@gmail.com

Date: 10/3/18 Applicant's Signature Charlene Adair

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(772) 467-3066 FAX (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: KFPB

Name: Annette Brown	Phone: 772-216-3201
Home Address: 607 N. 21st (FP) City/Zip Code:	How long at this address? 3 yrs.
Are you a citizen of the United States? ☑ Yes ☐ No	
Occupation: CDCT	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☑ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☑ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☑ No If yes, state the business and location:	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☑ No Engineering: ☐ Yes ☑ No Real Estate Brokering: ☐ Yes ☑ No Contracting: ☐ Yes ☑ No Land Development: ☐ Yes ☑ No Other: Describe your education, background, training and knowledge in the above area(s):	
Are you currently a member of a Commission-appointed board/committee? ☐ Yes ☑ No If yes, please specify:	
Have you ever been convicted of a felony? ☐ Yes ☑ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address: AnnetteBrown3115@yahoo.com
Date: 10-9-18	Applicant's Signature Annette Brown

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
Please return form to: City Clerk's Office – 100 North US Hwy 1, Fort Pierce, Florida 34950
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CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3065 fax (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: K.F.P.B.A.B. / TreeCity

Name: Bob Burdge	Phone: 772-466-0032
Home Address: 1302 Nebraska Ave 1-C City/Zip Code: Ft. Pierce, FL 34950	How long at this address? 20 yrs
Are you a citizen of the United States? ☒ Yes ☐ No	
Occupation: Retired	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☒ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☒ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☒ No If yes, state the business and location:	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☐ No Engineering: ☐ Yes ☐ No Real Estate Brokering: ☐ Yes ☐ No Contracting: ☐ Yes ☐ No Land Development: ☐ Yes ☐ No Other: Describe your education, background, training and knowledge – (feel free to attach a resume): Attached	
Are you currently a member of a Commission-appointed board/committee? ☒ Yes ☐ No If yes, please specify: Planning Board	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address: Commish33@AOL.com
Date: 3/15/18	Applicant's Signature Robert Burdge

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
Please return form to: City Clerk's Office – 100 North US Hwy 1, Fort Pierce, Florida 34950
fax (772) 467-3841 or via email at lcox@city-ftpierce.com

Bob Burdge

Education: Graduate work at Nova University, major educational leadership.

B. A. from Eastern Kentucky University, major political science.

A. A. from St. Petersburg Jr. College, major general education.

Diploma from Dan McCarty High School.

Diploma from Radio Electronics Institute.

1st Class Radio/Telephone License from the Federal Communication Commission.

Memberships: Tree City U. S. A. since 1989

Arbor Day since 1996

In 1989, I was the Fort Pierce City Commissioner who suggested to the Commission that Fort Pierce should become a Tree City U. S. A. The Commission approved the suggestion and Fort Pierce made application to Arbor Day for membership. Fort Pierce has been a Tree City for the past 29 years.

CITY OF FORT PIERCE
Florida

RECEIVED
AUG 23 2018
CITY CLERK'S OFFICE

TREE BOARD
POST OFFICE BOX 1480
FORT PIERCE FLORIDA 34954

TEL: (407) 460 - 2200
FAX: (407) 595 - 9948

March 5, 1996

Mr. Bob Burdge
1011 Bermuda Ave.
Ft. Pierce, FL 34982

Dear Mr. Burdge:

The Tree Board would like to thank you for all the assistance you have given the past years. You have been instrumental in the creation of the Board, Tree Ordinance, Tree City USA Program, Virginia Avenue, U.S. 1, 25th Street and Sunrise Boulevard plantings. Through your vision you have personally raised the tree conscience of the residents and public servants of the City of Ft. Pierce.

We miss your presence on the Commission, and hope your transistion to private life has been smooth. Plese feel free to call us with any special concerns or suggestions you may have in improving the tree canopy of the city.

Thank you again for all of your efforts in making Ft. Pierce a "Tree" City.

Sincerely,

Aerline Shippey

Aerline Shippey
Chairperson
Tree Board

TREE CITY USA

CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3066 FAX (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: Keep Fort Pierce Beautiful Advisory Board

Name: Jorge J. Goz	Phone: 772 579-7477
Home Address: 557 NW Placid Ave City/Zip Code: P.S.L FL 34983	How long at this address? 7 years
Are you a citizen of the United States? ☑ Yes ☐ No	
Occupation: Police officer	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☑ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☐ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☑ No If yes, state the business and location:	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☑ No Engineering: ☐ Yes ☑ No Real Estate Brokering: ☐ Yes ☑ No Contracting: ☐ Yes ☑ No Land Development: ☐ Yes ☑ No Other: Describe your education, background, training and knowledge in the above area(s):	
Are you currently a member of a Commission-appointed board/committee? ☑ Yes ☐ No If yes, please specify: Keep Fort Pierce Beautiful Advisory Board	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address: JGoz@FPid.Org
Date: 3/13/18	Applicant's Signature

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CITY OF FORT PIERCE

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FORT PIERCE, FLORIDA 34950
(772) 467-3065 fax (772) 467-3841

RECEIVED
OCT 03 2018
CITY CLERK

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: Keep Ft. Pierce Beautiful

Name: Leah Sweat	Phone: 772·359·4750
Home Address: 1128 S. 7th St. City/Zip Code: Ft. Pierce FL 34950	How long at this address? 10 yrs

Are you a citizen of the United States? ☒ Yes ☐ No

Occupation: Physical Therapist

Do you own a business that operates within the City of Fort Pierce? ☒ Yes ☐ No
If yes, list the address and nature of said business:
Physical Therapy Clinic (within Sunrise City Spa)
305 S. 7th St.
Ft Pierce 34950

Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☒ No
If yes, in what capacity?
I plan to keep my business operating within the City - however no plans for direct / contracted work.

Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☒ No
If yes, state the business and location:

Do you have special training or knowledge in the area of:
Architecture: ☐ Yes ☒ No Engineering: ☐ Yes ☒ No Real Estate Brokering: ☐ Yes ☒ No
Contracting: ☐ Yes ☒ No Land Development: ☐ Yes ☒ No Other: Gardening / Creativity
Describe your education, background, training and knowledge – (feel free to attach a resume):
Lifelong Ft. Pierce resident -
willing and eager to help as I am able ☺

Are you currently a member of a Commission-appointed board/committee? ☐ Yes ☒ No
If yes, please specify:

Have you ever been convicted of a felony? ☐ Yes ☒ No
If yes, what was the nature of the crime(s) you were convicted of:

Referred by: S. Helms	Applicant Email Address: lsweatpt@yahoo.com
Date: 10/3/18	Applicant's Signature lsweat

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CITY OF FORT PIERCE

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APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: KEEP FORT PIERCE BEAUTIFUL

Name: Janey E Vanderhorst Wessigk	Phone: 772-812-2374
Home Address: City/Zip Code: 143 Carol Susan Lane	How long at this address? 2 Yrs
Are you a citizen of the United States? ☒ Yes ☐ No	
Occupation: Senior Code Enforcement Officer	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☒ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☒ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☒ Yes ☐ No If yes, state the business and location: City of Fort Pierce , Fort Pierce FL	
Do you have special training or knowledge in the area of: Architecture: ☒ Yes ☐ No Engineering: ☒ Yes ☐ No Real Estate Brokering: ☐ Yes ☐ No Contracting: ☐ Yes ☐ No Land Development: ☒ Yes ☐ No Other: Describe your education, background, training and knowledge in the above area(s): First year of college spent in the Civil Engineering & Architecture School as my father graduated with both degrees. I did not finish my education as we moved out of the country. When moved to Florida I attended BCC to obtained a degree in Criminal Justice . I have obtained 4 levels of Code Enforcement from the John Scott Dailey Institute of Goverment.	
Are you currently a member of a Commission-appointed board/committee? ☒ Yes ☐ No If yes, please specify: Keep Fort Pierce Beautiful Board	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by: N/A	Applicant Email Address: jvanderhorst@city-ftpierce.com
Date: 03-12-18	Applicant's Signature

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CITY OF FORT PIERCE

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(772) 467-3066 FAX (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: KFPB

Name: Walker, Shirley	Phone: 772-465-5580
Home Address: 705 Grandview City/Zip Code:	How long at this address? 39 yrs.
Are you a citizen of the United States? ☒ Yes ☐ No	
Occupation: Retired Realtor	
Do you own a business that operates within the City of Fort Pierce? ☒ Yes ☐ No If yes, list the address and nature of said business: The Castle - Consignment / Collectables Shirley's Stuff	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☐ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☒ No If yes, state the business and location:	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☐ No Engineering: ☐ Yes ☐ No Real Estate Brokering: ☒ Yes ☐ No Contracting: ☐ Yes ☐ No Land Development: ☐ Yes ☐ No Other: Describe your education, background, training and knowledge in the above area(s): FSU Real Estate FRBC Teacher	
Are you currently a member of a Commission-appointed board/committee? ☒ Yes ☐ No If yes, please specify:	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address:
Date: 03-13-2018	Applicant's Signature: Shirley L. Walker

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
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CITY OF FORT PIERCE

100 NORTH US HWY 1
FORT PIERCE, FLORIDA 34950
(772) 467-3066 FAX (772) 467-3841

APPLICATION FOR APPOINTMENT/REAPPOINTMENT

Name of Board or Boards for which you are applying: Keep Fort Pierce Beautiful

Name: Martha Wright	Phone: 772-461-7351
Home Address: City/Zip Code: 1209 Kentucky Ave, Ft. Pierce, 34950	How long at this address? 50+ years
Are you a citizen of the United States? ☒ Yes ☐ No	
Occupation: Retired	
Do you own a business that operates within the City of Fort Pierce? ☐ Yes ☒ No If yes, list the address and nature of said business:	
Do you now or in the future plan to do business with the City of Fort Pierce? ☐ Yes ☒ No If yes, in what capacity?	
Are you employed by a business that is located within the City of Fort Pierce? ☐ Yes ☒ No If yes, state the business and location:	
Do you have special training or knowledge in the area of: Architecture: ☐ Yes ☐ No Engineering: ☐ Yes ☐ No Real Estate Brokering: ☐ Yes ☐ No Contracting: ☐ Yes ☐ No Land Development: ☐ Yes ☐ No Other: Education Describe your education, background, training and knowledge in the above area(s): Masters Degree Classroom Teacher Program Specialists where I coordinated with teachers and administrators to implement federal and state programs for students.	
Are you currently a member of a Commission-appointed board/committee? ☒ Yes ☐ No If yes, please specify: Keep Fort Pierce Beautiful	
Have you ever been convicted of a felony? ☐ Yes ☒ No If yes, what was the nature of the crime(s) you were convicted of:	
Referred by:	Applicant Email Address:
Date: 03-20-18	Applicant's Signature Martha Wright

APPLICATIONS EXPIRE 6 MONTHS FROM THE DATE OF SUBMISSION. PLEASE REAPPLY AS OFTEN AS DESIRED.
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KEEP FORT PIERCE BEAUTIFUL ADVISORY BOARD & TREE BOARD
ATTENDANCE RECORD 2017

BOARD MEMBERS	1/10/2017	2/14/2017	3/14/2017	4/11/2017	5/9/2017	6/13/2017	7/11/2017	8/8/2017	9/12/2017	10/10/2017	11/13/2017
Helms, Shyanne - Chair	P	P	P	P	P	P	P	P	P	x	P
Adair, Charlene	P	P	P	P	P	P	P	P	P	x	x
Goz, Jorge	N/A	N/A	N/A	P	P	P	P	P	P	x	P
Samuel, Matthew		P	P	P	P	P	P	P	P	x	P
Vanderhorst, Janey	P	P	P	P	P	P	P	P	P	x	P
Walker, Shirley	P	P	P	P	P	P	P		P	x	P
Wright, Martha	P	P	P	P	P	P	P	P	P	x	P
Zezeck, Jane	P	P	P	P	P	P	P	P	P	x	P

P - Present
E - Excused
U - Unexcused
X- Meeting Canceled

KEEP FORT PIERCE BEAUTIFUL ADVISORY BOARD & TREE BOARD
ATTENDANCE RECORD 2018

BOARD MEMBERS	1/9/2018	2/13/2018	3/13/2018	4/10/2018	5/8/2018
Helms, Shyanne - Chair	E	x	P	P	E
Adair, Charlene	P	x	P	P	P
Goz, Jorge	P	x	P	P	E
Samuel, Matthew	P	x	E	P	P
Vanderhorst, Janey	P	x	P	P	E
Walker, Shirley	P	x	P	P	P
Wright, Martha	P	x	P	P	P
Zezeck, Jane	P	x	P	P	P

P - Present
E - Excused
U - Unexcused
X- Meeting Canceled

6/12/2018	7/10/2018	8/14/2018	9/11/2018	10/9/2018	11/13/2018
P	P	P	P	x	
P	P	P	P	x	
P	P	P	P	x	
P	P	P	P	x	
E	P	E	E	x	
P	P	P	P	x	
P	P	P	P	x	
P	P	P	P	x	