









DIVISION 01 SPECIFICATIONS (CONT.)

Table with columns: NO., REVISION, DATE. Includes Permit/Del Set and 09/06/2024.

CONSULTANT:

MEADOWS SANCTUARY IMPROVEMENTS TOWN OF SOUTHWEST RANCHES 16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33531

CPZ ARCHITECTS, INC. 4314 WEST BROWARD BOULEVARD PLANTATION, FLORIDA 33317 PHONE: (954) 922-5825 FAX: (954) 1337-0559 AA 25000085 WWW.CPZARCHITECTS.COM

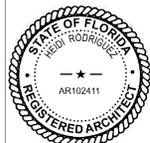


DRAWING TITLE:

SPECIFICATIONS - DIVISION 1 CONT.

DRAWN: Author CHECKED: Checker DATE: 09/06/2024 SCALE: 1/2" = 1'-0" PROJECT NO: 2241B SHEET:

GC-003



HEIDI RODRIGUEZ, A.I.A. REGISTERED ARCHITECT NO. 102,411 STATE OF FLORIDA

DATE: 09/06/2024

SECTION 01 74 19 - CONSTRUCTION WASTE MANAGEMENT

PART 1. GENERAL

1.1 DESCRIPTION

- A. This section specifies the requirements for the management of non-hazardous building construction and demolition waste. B. Waste disposal in landfills shall be minimized to the greatest extent possible. C. Contractor shall use all reasonable means to divert construction and demolition waste from landfills and incinerators...

1.2 QUALITY ASSURANCE

- A. Contractor shall practice efficient waste management when sizing, cutting and installing building products. B. Contractor shall ensure the generation of as little waste as possible. C. Construction /Demolition waste includes products of the following: 1. Excess or unusable construction materials...

1.3 TERMINOLOGY

- A. Class III Landfill: A landfill that accepts non-hazardous resources such as commercial and industrial waste resulting from construction, and demolition operations. B. Clean: Untreated and unpainted; uncontaminated with adhesives, oils, solvents, mastics and like products. C. Construction and Demolition Waste: Includes all non-hazardous resources resulting from construction, remodeling, alterations, repair and demolition operations...

PART 2 - EXECUTION

3.1 COLLECTION

- A. Provide all necessary containers, bins and storage areas to facilitate effective waste management. B. Clearly identify containers, bins and storage areas so that recyclable materials are separated from trash and can be transported to respective recycling facility for processing.

3.2 DISPOSAL

- A. Contractor shall be responsible for transporting and disposing of materials that cannot be delivered to a source-separated or mixed materials recycling facility to a transfer station or disposal facility that can accept the materials in accordance with state and federal regulations.

3.3 REPORT

- A. With each application for progress payment, submit a summary of construction and demolition debris diversion and disposal including beginning and ending dates of period covered. B. Quantify all materials diverted from landfill disposal through salvage or recycling during the period with the receiving parties, dates removed, transportation costs, weight tickets, manifests, invoices...

END OF SECTION

SECTION 01 40 00 - QUALITY REQUIREMENTS

PART I. GENERAL

1.1 SCOPE

- A. Field engineering and surveying B. Preparation and examination C. Inspection and testing

1.2 INSPECTION AND TESTING

- A. The contractor shall be responsible for contacting and coordinating with the testing agency and scheduling tests, as they are required. B. The structural engineer of record will be performing the reinforced masonry inspections as required by the building department. C. The tests that are required are as follows. These are in addition to tests required of each Section or by the Architect, Engineer or local code officials during the course of Construction: 1. Soils testing...

1.3 FIELD ENGINEERING AND SURVEYING

- A. It is the contractor's responsibility to ensure that the building is placed as shown on the drawings and all datum are correct. B. The contractor shall hire an independent surveyor to verify location of foundation as required by the local building officials prior to start of framing. Contractor shall coordinate this work and ensure that the proper submittals are made to the local building department.

1.4 PREPARATION AND EXAMINATION

- A. Clean all surfaces prior to applying next material. B. Prepare all surfaces including priming, cleaning, and application of sealer or bonding agent as per manufacturer's written specifications. C. Verify that existing site and substrate conditions are acceptable prior to starting subsequent Work. Beginning of new Work is an implied acceptance of the existing conditions. D. All substrates shall be prepared for the finish work as required of each Section. Contractor shall be responsible for coordinating the work of all trades to ensure that all work is properly prepared.

END OF SECTION

SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS

PART I. GENERAL

1.1 SCOPE

- A. Site office B. Temporary services C. Signage D. Staffing E. Site protection F. Site access

1.2 SITE OFFICE

- A. Contractor shall provide a air conditioned construction trailer or construction container on site to conduct his or her site operations. B. Contractor shall provide an office on site to conduct his or her site operations.

1.3 SITE SAFETY

- A. Provide protective fencing and barriers at walks and parking to ensure safe passage on site. B. Site protection shall include, but not be limited to, the following: 1. Side walk barriers including: a. Barriers shall conform to all local ordinances for fencing and construction barriers. b. Contractor shall provide all drawings required for permitting. c. Contractor shall file for and pay for all permits required for sidewalk barriers. d. Permanent signage as required to identify safe passage route. 2. Fencing at excavated areas: a. Provide and install plastic orange mesh fencing at areas that have been excavated. b. Provide adequate support for this fence to keep it in place throughout the course of the project. Use steel or wooden stakes as required for this purpose. c. Fencing material and installation must conform to local and federal regulations governing site protection. d. Maintain this fencing on a daily basis to ensure that it is in tact and provides the protection it is required to provide. 3. Temporary lighting of site shall be required as follows: a. Provide lighting of interior spaces to ensure safe passage. b. Maintain this lighting during the course of the job to ensure it's proper function. C. Fence enclosing perimeter of site is required and shall be as follows: 1. Galvanized wire hurricane type fence, 6 feet tall, with galvanized steel posts. Fence shall have a lockable gate of adequate width to accommodate construction vehicles and equipment. 2. Solid plywood barrier attached to wooden posts and wood framing. Barrier shall have lockable gates and doors as required to provide access to site by workers and equipment. 3. Fencing shall conform to the requirements of the local building officials. D. Provide site signage as follows: 1. At perimeter of site, post NO TRESPASSING signs to adequately notify the public not to enter the site. 2. Signage at perimeter fence shall include the following: a. Construction area: KEEP OUT b. HARD HAT AREA c. Emergency phone numbers. E. Construction is to be limited only to those areas agreed upon at the pre-construction meeting. Contractor shall be responsible for insuring that all subcontractors are aware of these rules and adhere to them.

1.4 TEMPORARY SERVICES AND UTILITIES

- A. The Contractor shall provide temporary toilets with a weekly cleaning service contract. The toilets will be allowed to be used by other Contractor's workers. Contractor and/or its subcontractors shall not use existing restrooms facilities in park. B. Contractor shall, using existing or temporary utility connections, provide the job with power, lights, water, ventilation, and heating as required to construct the project. C. Owner shall pay electrical bills during construction. D. Owner shall pay water bills.

1.5 STAFFING

- A. Contractor shall provide a list of proposed subcontractors to Architect and Owner for review. This list shall be presented for review prior to signing Contract. B. Contractor shall provide the following staff to manage the project throughout it's duration at a minimum: 1. Full time on-site project superintendent that has a reasonable level of decision making authority. 2. A project manager to be present at all project meetings and available at any time by cell phone. 3. Contractor shall provide labor staff as required to keep site neat, clean, protected and well organized. This shall mean at least one full time laborer. 4. All project managers & superintendents shall speak clear and understandable English.

1.6 SITE ACCESS

- A. Access to Town or Town streets shall be coordinated by the Contractor with the local highway or traffic department. B. Contractor shall comply with all Town ordinances in regards to maintaining and keeping the public streets clean and free of construction debris, mud and dust. C. Where work is in a unit within a larger building, contractor shall obey all building rules in regards to protecting public spaces and access to project.

END OF SECTION

SECTION 01 35 29 - HURRICANE / TROPICAL STORM PREPAREDNESS

PART I GENERAL

1.01 REQUIREMENTS

- A. The CONTRACTOR is responsible for having plans for protection of the work site during hurricanes and shall prepare and submit a Hurricane/Tropical Storm Preparedness Plan prior to any construction activity and mobilization. B. The CONTRACTOR shall maintain existing flows and shall reopen any drainage conveyances that have been diverted or blocked as part of the construction process prior to the weather event. C. The CONTRACTOR shall work with the Town as directed in the event of a hurricane, tropical storm, or as otherwise directed, to draw down drainage basins to create storage as necessary. D. The Hurricane/Tropical Storm Preparedness Plan shall be submitted at the Preconstruction Meeting for approval and shall include the following: 1. Items and equipment that must be removed from the work site. 2. Methods and materials that will be utilized to secure the materials and work site. 3. Methods and materials that will be utilized to protect uncompleted work items. 4. Plans for evacuation of staff from the work site. 5. Plans for monitoring local weather conditions, National Weather Service weather reports, and local emergency management instructions. 6. Items that must commence at the time of hurricane water in order to be completed and their anticipated duration. E. The CONTRACTOR shall immediately mobilize his work forces when a Hurricane/Tropical Storm Watch is issued, and they shall commence with those items in the Hurricane/Tropical Storm Preparedness Plan required to provide hurricane evacuation before a Hurricane Warning is issued. F. When the National Weather Service's issues a Hurricane/Tropical Storm Watch for Broward County or adjoining counties, the Contractor shall immediately implement the Hurricane/Tropical Storm Preparedness Plan. G. The Cost of preparing and implementing the Hurricane/Tropical Storm Preparedness Plan shall be the responsibility of the CONTRACTOR. The CONTRACTOR shall follow all instructions from local emergency management officials regarding evacuation of the work site.

1.02 SUBMITTALS

- A. Submittal of the Hurricane/Tropical Storm Preparedness Plan shall be in accordance with Section 01 33 00-Submittal Procedures.

END OF SECTION

SECTION 01 38 00 - CONSTRUCTION PHOTOGRAPHS & PHOTOGRAPHICS DOCUMENTATION

1. GENERAL

1.01 DESCRIPTION OF WORK

- A. The Contractor shall provide digital color photographs of all construction areas prior to start of work and to take construction record color photographs periodically during the course of the Work. B. Take photographs with maximum depth of field and in focus, to clearly show the work. Photographs with blurry or out-of-focus areas will not be accepted.

1.02 PHOTOGRAPHY REQUIRED

- A. Progress photographs shall be submitted to the Architect with each Application for Payment. B. Photographs shall be submitted to the Architect with each Application for Payment. 1. Prior to commencement of any demolition/removal work. 2. Of existing improvements that are to remain prior to commencement of work adjacent thereto. 3. Of existing improvements upon completion of adjacent work. 4. Of existing structures that are to be relocated, both before and after relocation. 5. Upon completion of foundations of the new structure. 6. Upon completion of structural framing of new structure. 7. Upon enclosure of new structure. 8. Upon completion of construction of new structure. 9. Upon enclosure of new structure. 10. Upon completion of installation of equipment and facilities. 11. Upon completion of all work and finishes. C. Maintain key plan with each set of construction photographs that identifies each photographic location. D. Preconstruction Photographs: Before commencement of demolition, take photographs of Project site and surrounding properties, including existing items to remain during construction, from different vantage points. 1. Flag construction limits before taking construction photographs. 2. Take 10 photographs to show existing conditions adjacent to property before starting the Work. 3. Take 10 photographs of existing buildings either on or adjoining property to accurately record physical conditions at start of construction. 4. Take additional photographs as required to record settlement or cracking of adjacent structures, pavements, and improvements. E. Periodic Construction Photographs: Take 10 photographs weekly, with timing each month coinciding with the cutoff date associated with each Application for Payment. Select vantage points including aerial photographs to show status of construction and progress since last photographs were taken. 1. Provide photos in in PDF format. Contractor to email photos in PDF format to Owner and Architect.

1.03 COSTS OF PHOTOGRAPHY

- A. The contractor shall pay the cost for all specified photography documentation

PART 2 - PRODUCTS

2.01 IMAGES

- A. Digital Color: Images 1. High Resolution B. Electronic Format 1. All images shall be emailed in electronic format. C. Identify each Image shall be titled: 1. Name and number of Project 2. Orientation of view 3. Date and time of exposure

PART 3 - EXECUTION

3.01 VIEW REQUIRED

- A. Photograph from locations to adequately illustrate condition of construction and state of progress. 1. At successive periods of photography. Take at least one photograph from the same overall view as previously. 2. Consult with the Architect at each period of photography for instruction concerning views required.

3.02 ELECTRONIC FORMAT

- A. Deliver Emailed in Electronic Format (J-PEG Format) with each Application for Payment. B. Distribution of prints as soon as processed is anticipated to be as follows: 1. Architect Emailed in Electronic Format (J-PEG Format). 2. Project Record File: One copy to be stored by Contractor and furnished to Architect at project completion. 3. Contractor: One Emailed in Electronic Format (J-PEG Format).

PART 4 - MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

- A. Work under this Section will not be separately measured for payment.

END OF SECTION

Autodesk Docu/1724 EB SW Meadows Park/01318 Meadows Park.rvt 9/6/2024 2:56:20 PM

Autodesk Docu/1724 EB SW Meadows Park/01318 Meadows Park.rvt 9/6/2024 2:56:20 PM



# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY



### CONTROL LEGEND:

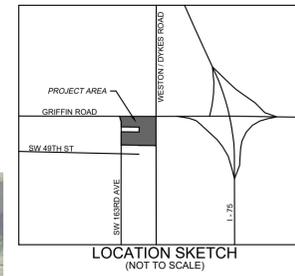
- ⊙ IRON PIPE
- ⊙ IRON ROD
- ⊙ MAG NAIL & DISC
- ⊙ P.R.M. BRASS DISC

### LEGEND:

- ⊙ ANCHOR
- ⊙ BOLLARD
- ⊙ CABLE / FIBER OPTIC PEDESTAL
- ⊙ CATCH BASIN
- ⊙ CONCRETE POWER POLE
- ⊙ CONCRETE TELEPHONE POLE
- ⊙ CURB INLET
- ⊙ CURB INLET PS RIGHT
- ⊙ CURB INLET PS LEFT
- ⊙ CURB INLET PG
- ⊙ DENSE VEGETATION
- ⊙ ELECTRICAL / CABLE PULL BOX
- ⊙ ELECTRICAL METER
- ⊙ FIBER OPTIC PEDESTAL / PULLBOX
- ⊙ FIRE HYDRANT
- ⊙ GROUNDING ROD
- ⊙ MAILBOX
- ⊙ METAL POST / PIPE
- ⊙ METAL POWER / TELEPHONE POLE
- ⊙ PALM TREE
- ⊙ PARKING LIGHT ROUND BULB
- ⊙ PEDESTRIAN SIGNAL
- ⊙ PINE TREE
- ⊙ PIPE PLUG / STORM OUTFALL
- ⊙ SHADE TREE
- ⊙ SIGN (DOUBLE POST)
- ⊙ SIGN (SINGLE POST)
- ⊙ STORM MANHOLE
- ⊙ TELEPHONE PULL BOX
- ⊙ TRAFFIC CONTROL / CABINET
- ⊙ TRAFFIC PULL BOX
- ⊙ TRANSFORMER PAD
- ⊙ U/G UTILITY MARKER POST
- ⊙ UNKNOWN MANHOLE
- ⊙ WOOD POST
- ⊙ WOOD POWER / TELEPHONE POLE
- 100' --- BOTTOM OF BANK
- CHAIN LINK FENCE
- STM --- STORM LINE
- 100' --- TOP OF BANK
- VINYL / WOOD FENCE
- WIRE FENCE
- WROUGHT IRON FENCE
- OHW --- OVER HEAD WIRES

### ABBREVIATION LEGEND:

- ASPH. ASPHALT
- B.C.R. BROWARD COUNTY RECORDS
- B.M. BENCHMARK
- B.O.S. BOTTOM OF STRUCTURE
- C.B. CATCH BASIN
- C.L. CENTERLINE
- C.L.F. CHAIN LINK FENCE
- CONC. CONCRETE
- C.M.P. CORRUGATE METAL PIPE
- C&G CURB AND GUTTER
- ELEV. ELEVATION
- F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
- FND FOUND
- F.P.&L. FLORIDA POWER AND LIGHT
- HDPE HIGH DENSITY POLYETHYLENE
- I.E. INVERT ELEVATION
- L.B. LICENSED BUSINESS
- LS LICENSED SURVEYOR
- MEAS. (M) MEASURED
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
- O.F. OUTFALL
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.G. PAGE
- P.R.M. PERMANENT REFERENCE MONUMENT
- PT. POINT
- P.V.C. POLYVINYL CHLORIDE
- R.C.P. REINFORCED CONCRETE PIPE
- R.E. RIM ELEVATION
- R/W RIGHT OF WAY
- SAN. SANITARY
- STMH. STORM
- TRANS. TRANSFORMER
- TYP. TYPICAL
- U.E. UTILITY EASEMENT
- U/G UNDERGROUND
- UNK. UNKNOWN
- UTIL. UTILITY
- W.I.F. WROUGHT IRON FENCE
- W.F. WOOD FENCE
- W/ WITH



SHEET MAP INDEX		
V-2	V-3	V-4
V-5	V-6	V-7
V-8	V-9	V-10
V-11	V-12	V-13

NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or warranties as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further, confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

### SURVEYOR'S NOTES:

- THIS SURVEY MAP WAS PREPARED FOR THE EXCLUSIVE USE OF THE TOWN OF SOUTHWEST RANCHES, HEREINAFTER REFERRED TO AS THE "CLIENT", FOR THE EXPRESS PURPOSES STATED HEREON AND/OR CONTAINED IN THE CONTRACT WITH THE CLIENT FOR THIS PROJECT.
- THE PURPOSE OF THIS SURVEY IS TO SHOW THE RELATIONSHIP BETWEEN THE ABOVE GROUND VISIBLE IMPROVEMENTS, SURFACE ELEVATIONS AND OTHER RELEVANT FEATURES TO THE APPROXIMATE BOUNDARY LINES OF THE HEREON DESCRIBED PARCEL OF LAND. THE LOCATION OF THIS SURVEY IS BASED UPON A DETAILED AREA PROVIDED TO CRAVEN THOMPSON AND ASSOCIATES BY THE CLIENT PRIOR TO CONDUCTING THE SURVEY.
- THIS SURVEY MEETS AND EXCEEDS THE HORIZONTAL AND VERTICAL ACCURACY REQUIREMENTS AS DEFINED IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE PERTAINING TO THE STANDARDS AND PRACTICE OF PROFESSIONAL SURVEYORS AND MAPPERS. THE ACCURACY OF MEASUREMENTS AND LINEAR CLOSURE FOUND HEREON EXCEEDS THAT OF 1 IN 10,000 FEET. PREMISED UPON THE EXPECTATION THAT THE USE OF THIS TYPE OF SURVEY AND MAP WILL BE FOR THOSE ACTIVITIES TYPICALLY CONDUCTED IN COMMERCIAL/HIGH RISK AREAS. THE ACCURACY OBTAINED BY MEASUREMENT AND CALCULATION OF A CLOSED GEOMETRIC FIGURE WAS FOUND TO EXCEED THIS REQUIREMENT.
- THE HORIZONTAL CONTROL AND TOPOGRAPHIC MEASUREMENTS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, ADJUSTMENT OF 2011 (NAD 83 (2011)) (EPOCH 2010.00) EXPRESSED IN U.S. SURVEY FEET OR FRACTIONS THEREOF, AND REFERENCED TO THE FLORIDA EAST ZONE (0901) OF THE STATE PLANE COORDINATE SYSTEM. THE DESIRED ACCURACY OF SURVEY CONTROL POINTS HAS BEEN ACHIEVED USING REDUNDANT FIELD MEASUREMENT PROCEDURES. THE ACCURACY OF THESE POSITIONS WAS VERIFIED BY TRAVERSE CLOSURE CALCULATIONS.
- THE FIELD MEASUREMENTS SHOWN HEREON WERE OBTAINED USING A "SPATIAL MEASUREMENT SYSTEM" MANUFACTURED BY TRIMBLE INC., SAID SYSTEM BEING COMPRISED OF THE FOLLOWING SURVEY INSTRUMENTS: "S" SERIES TOTAL STATION, "DM1" FIRST ORDER DIGITAL LEVEL, AND A "T10" GNSS RECEIVER. ALL RAW SURVEY DATA WAS DIGITALLY RECORDED IN THE FIELD USING "TRIMBLE ACCESS" OR THE "ONBOARD" INTERFACE SOFTWARE AND/OR RECORDED IN A SURVEY FIELD BOOK. ALL FIELD DATA HAS BEEN REVIEWED AND ADJUSTED BY CRAVEN THOMPSON AND ASSOCIATES OFFICE STAFF USING "TRIMBLE BUSINESS CENTER", "CIVIL 3D" AUTOCAD OR SIMILAR POSTPROCESSING SOFTWARE APPLICATIONS.
- ALL EASEMENTS SHOWN HEREON ARE PER THE RECORD PLATS UNLESS OTHERWISE NOTED.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH. THEREFORE ONLY THOSE EASEMENTS ON THE RECORD PLATS ARE SHOWN. INFORMATION REGARDING EASEMENTS, RIGHTS-OF-WAY, AND/OR OWNERSHIP WAS NOT PROVIDED TO OR PURSUED BY THE UNDERSIGNED. ADDITIONAL ENCUMBRANCES NOT SHOWN HEREON MAY EXIST. THIS SURVEY IS SUBJECT TO PERTINENT EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD, IF ANY.
- THE REUSE OF THIS SURVEY FOR PURPOSES OTHER THAN FOR WHICH IT WAS INTENDED, WITHOUT THE PROPER WRITTEN CONSENT BY THE CLIENT, WILL BE AT THE RE-USERS SOLE RISK AND WITHOUT LIABILITY TO THE CERTIFYING SURVEYOR. NOTHING SHOWN HEREON SHALL BE CONSTRUED TO GIVE RIGHTS OR BENEFITS TO ANYONE OTHER THAN THOSE IT WAS CERTIFIED TO ORIGINALLY, SAID PARTY OR PARTIES BEING SPECIFIED HEREON.
- SHEET V-1 OF THIS SURVEY MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1"=100'. SHEETS V-2 THRU V-13 OF THIS SURVEY MAP ARE INTENDED TO BE DISPLAYED AT A SCALE OF 1"=20'. HORIZONTAL FEATURE LOCATIONS ARE TO THE CENTER OF THE ASSOCIATED MAP SYMBOL. THESE SYMBOLS MAY BE ENLARGED FOR CLARITY, BUT MAY NOT REPRESENT THE ACTUAL SIZE OR SHAPE OF THE FEATURE THEY ARE INTENDED TO REPRESENT.
- ADDITIONS AND DELETIONS TO SURVEY MAPS AND REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE UNDERSIGNED. THIS DOCUMENT CONSISTS OF 13 SHEETS AND EACH SHEET SHALL NOT BE CONSIDERED FULL, VALID AND COMPLETE UNLESS ATTACHED TO ALL OTHERS.
- THE TREE TYPES AND CLASSIFICATION SHOWN HEREON ARE DETERMINED TO THE BEST OF OUR KNOWLEDGE, AS PROFESSIONALS INVOLVED IN THEN PRACTICE OF SURVEY AND MAPPING. IF SO DESIRED, THE EXACT SPECIES SHOULD BE DETERMINED BY A LICENSED BOTANIST, DENDROLOGIST OR OTHER PROFESSIONAL WITH SUCH SPECIALIZED CAPACITY.
- THIS SURVEY IS LIMITED TO THE LOCATION OF ABOVE GROUND IMPROVEMENTS ONLY. THE ELEVATIONS SHOWN HEREON ARE SOLELY FOR THE PURPOSE OF INDICATING THE GROUND ELEVATION ONLY AT THE POSITION SHOWN AND IN NO WAY INDICATE ELEVATIONS AT ANY OTHER POINT, AND IN NO WAY ARE INTENDED TO DETERMINE SUBSURFACE CONDITIONS, UNDERGROUND UTILITIES, FOUNDATIONS OR OTHER BURIED ENCROACHMENTS. THESE WERE NOT LOCATED IN CONJUNCTION WITH THIS SURVEY UNLESS OTHERWISE NOTED. HOWEVER, NO EXCAVATION WAS PERFORMED BY CRAVEN THOMPSON AND ASSOCIATES, INC. TO VERIFY THE LOCATION OR EXISTENCE OF ANY UNDERGROUND IMPROVEMENTS, STRUCTURES OR FOUNDATIONS.
- THE ELEVATIONS SHOWN HEREON ARE RELATIVE TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE BASED ON THE FOLLOWING PUBLISHED BENCHMARKS OF ORIGIN:
  - FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) BENCHMARK "148", A BRASS DISC SET IN CONCRETE STAMPED "175-90-112", LOCATED ON THE SOUTHEAST CORNER OF GRIFFIN ROAD BRIDGE OVER I-75. BASED ON PNC SHEET FROM FDOT FINANCIAL PROJECT 411322-1-52-01. ELEVATION= 35.767'
  - FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) BENCHMARK "1196", A BRASS DISC SET IN CONCRETE WALK AT THE SOUTHWEST CORNER OF STIRLING ROAD BRIDGE NO 860331 OVER I-75. STAMPED "8696-1196". ELEVATION= 32.31'
 A BENCHMARK LEVEL LOOP USING A TRIMBLE DINI DIGITAL LEVEL WAS RUN BETWEEN THE STATED BENCHMARKS AND THE SURVEY CONTROL SHOWN ON THE ATTACHED TOPOGRAPHIC SURVEY TO THIRD ORDER ACCURACY.

### SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS SKETCH OF SURVEY AND OTHER PERTINENT DATA SHOWN HEREON, OF THE ABOVE DESCRIBED PROPERTY WAS MADE ON THE GROUND, CONFORMS TO THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN THE STATE OF FLORIDA, AS OUTLINED IN CHAPTER 5J-17, (FLORIDA ADMINISTRATIVE CODE) AS ADOPTED BY THE DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN SEPTEMBER, 1981, AS AMENDED, PURSUANT TO CHAPTER 472.027, FLORIDA STATUTES AND THAT SAID SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED UNDER MY DIRECTION.

LAST DATE OF FIELD WORK: AUGUST 26TH, 2022

CRAVEN THOMPSON & ASSOCIATES, INC.  
CERTIFICATE OF AUTHORIZATION NO. LB271

RICHARD D PRYCE - FOR THE FIRM  
PROFESSIONAL SURVEYOR & MAPPER NO. 4038  
STATE OF FLORIDA

THIS SURVEY MAP AND REPORT OR COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OR A UNIQUE ELECTRONIC SIGNATURE OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER UNDER CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE.

DATE:	07/28/22
SCALE:	1"=100'
DRAWN BY:	JDR/JM
CHECKED BY:	RDP
FIELDBOOK:	FBK
PAGE(S):	PG
ADDED TREE CHART AND LABELS:	JDR 6/21/23
BY:	DATE:

**CRAVEN THOMPSON AND ASSOCIATES, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309  
TEL: (954) 739-6400  
FAX: (954) 739-6409  
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS NO. 271  
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C000114

**SOUTHWEST MEADOWS SANCTUARY**  
TOWN OF SOUTHWEST RANCHES, FLORIDA  
**BOUNDARY & TOPOGRAPHIC SURVEY**

PREPARED FOR:  
SEAL  
PROJECT NO.  
22-0043-001-01  
V-1  
SHEET 1 OF 13

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

### ABBREVIATION LEGEND:

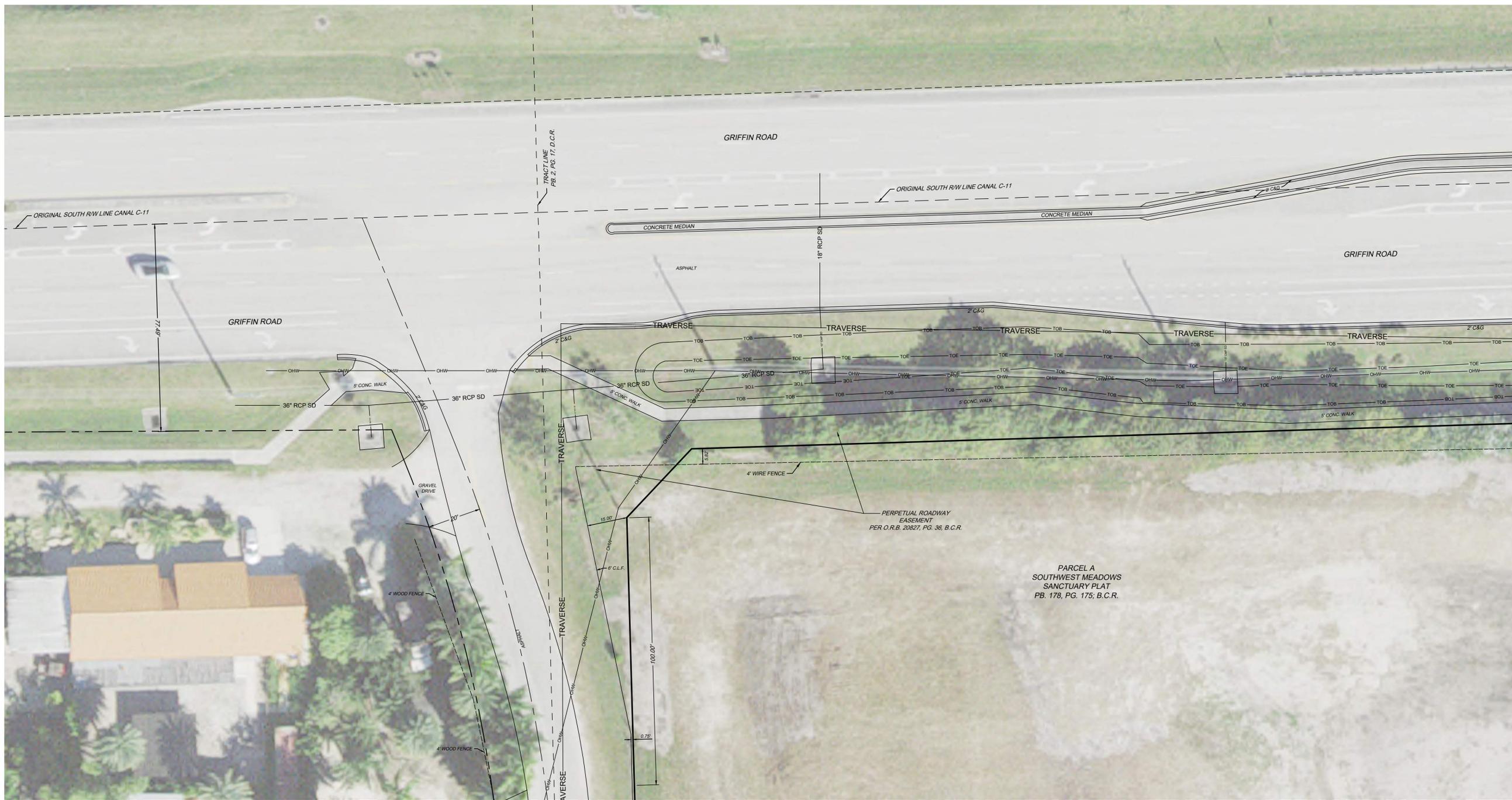
- ASPH. ASPHALT
- B.C.R. BROWARD COUNTY RECORDS
- B.M. BENCHMARK
- B.O.S. BOTTOM OF STRUCTURE
- C.B. CATCH BASIN
- C.L. CENTERLINE
- C.L.F. CHAIN LINK FENCE
- CONC. CONCRETE
- C.M.P. CORRUGATE METAL PIPE
- C&G CURB AND GUTTER
- ELEV. ELEVATION
- F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
- FND FOUND
- F.P.A.L. FLORIDA POWER AND LIGHT
- HDPE HIGH DENSITY POLYETHYLENE
- I.E. INVERT ELEVATION
- L.B. LICENSED BUSINESS
- LS LICENSED SURVEYOR
- MEAS. (M) MEASURED
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
- O.F. OUTFALL
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.G. PAGE
- P.R.M. PERMANENT REFERENCE MONUMENT
- PL. POINT
- P.V.C. POLYVINYL CHLORIDE
- R.C.P. REINFORCED CONCRETE PIPE
- R.E. RIM ELEVATION
- R/W RIGHT OF WAY
- S&N SANITARY
- STMH. STORM
- TRANS. TRANSFORMER
- TYP. TYPICAL
- U.E. UTILITY EASEMENT
- U/G UNDERGROUND
- UNK. UNKNOWN
- UTL. UTILITY
- W.I.F. WROUGHT IRON FENCE
- W.F. WOOD FENCE
- W/ WITH

### CONTROL LEGEND:

- IRON PIPE
- IRON ROD
- MAG NAIL & DISC
- P.R.M. BRASS DISC

### LEGEND:

- ANCHOR
- BOLLARD
- CABLE / FIBER OPTIC PEDESTAL
- CATCH BASIN
- CONCRETE POWER POLE
- CONCRETE TELEPHONE POLE
- CURB INLET
- CURB INLET PS RIGHT
- CURB INLET PS LEFT
- CURB INLET PS
- DENSE VEGETATION
- ELECTRICAL / CABLE PULL BOX
- ELECTRICAL METER
- FIBER OPTIC PEDESTAL / PULLBOX
- FIRE HYDRANT
- GROUNDING ROD
- MAILBOX
- METAL POST / PIPE
- PALM TREE
- PARKING LIGHT ROUND BULB
- PEDESTRIAN SIGNAL
- PINE TREE
- PIPE PLUG / STORM OUTFALL
- SHADE TREE
- SIGN (DOUBLE POST)
- SIGN (SINGLE POST)
- STORM MANHOLE
- TELEPHONE PULL BOX
- TRAFFIC CONTROL / CABINET
- TRAFFIC PULL BOX
- TRANSFORMER PAD
- U/G UTILITY MARKER POST
- UNKNOWN MANHOLE
- WOOD POST
- BOTTOM OF BANK
- CHAIN LINK FENCE
- STORM LINE
- TOP OF BANK
- VINYL / WOOD FENCE
- WIRE FENCE
- WROUGHT IRON FENCE
- OVER HEAD WIRES



PARCEL A  
SOUTHWEST MEADOWS  
SANCTUARY PLAT  
PB. 178, PG. 175; B.C.R.

MATCH LINE SEE SHEET V-5

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH=14'	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH=20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR600	8" OAK	TR613	8" OAK	TR626	8" OAK	TR639	8" OAK	TR652	8" OAK	TR665	8" OAK	TR678	8" OAK	TR691	8" OAK	TR704	8" OAK	TR717	8" OAK	TR730	8" OAK	TR743	8" OAK	TR756	8" OAK	TR769	8" OAK	TR782	8" OAK	TR795	8" OAK	TR808	8" OAK	TR821	8" OAK	TR834	8" OAK	TR847	8" OAK	TR860	8" OAK	TR873	8" OAK	TR886	8" OAK	TR900	8" OAK	TR913	8" OAK	TR926	8" OAK	TR939	8" OAK	TR952	8" OAK	TR965	8" OAK	TR978	8" OAK	TR991	8" OAK	TR1004	8" OAK	TR1017	8" OAK	TR1030	8" OAK	TR1043	8" OAK	TR1056	8" OAK	TR1069	8" OAK	TR1082	8" OAK	TR1095	8" OAK	TR1108	8" OAK	TR1121	8" OAK	TR1134	8" OAK	TR1147	8" OAK	TR1160	8" OAK	TR1173	8" OAK	TR1186	8" OAK	TR1199	8" OAK	TR1212	8" OAK	TR1225	8" OAK	TR1238	8" OAK	TR1251	8" OAK	TR1264	8" OAK	TR1277	8" OAK	TR1290	8" OAK	TR1303	8" OAK	TR1316	8" OAK	TR1329	8" OAK	TR1342	8" OAK	TR1355	8" OAK	TR1368	8" OAK	TR1381	8" OAK	TR1394	8" OAK	TR1407	8" OAK	TR1420	8" OAK	TR1433	8" OAK	TR1446	8" OAK	TR1459	8" OAK	TR1472	8" OAK	TR1485	8" OAK	TR1498	8" OAK	TR1511	8" OAK	TR1524	8" OAK	TR1537	8" OAK	TR1550	8" OAK	TR1563	8" OAK	TR1576	8" OAK	TR1589	8" OAK	TR1602	8" OAK	TR1615	8" OAK	TR1628	8" OAK	TR1641	8" OAK	TR1654	8" OAK	TR1667	8" OAK	TR1680	8" OAK	TR1693	8" OAK	TR1706	8" OAK	TR1719	8" OAK	TR1732	8" OAK	TR1745	8" OAK	TR1758	8" OAK	TR1771	8" OAK	TR1784	8" OAK	TR1797	8" OAK	TR1810	8" OAK	TR1823	8" OAK	TR1836	8" OAK	TR1849	8" OAK	TR1862	8" OAK	TR1875	8" OAK	TR1888	8" OAK	TR1901	8" OAK	TR1914	8" OAK	TR1927	8" OAK	TR1940	8" OAK	TR1953	8" OAK	TR1966	8" OAK	TR1979	8" OAK	TR1992	8" OAK	TR2005	8" OAK	TR2018	8" OAK	TR2031	8" OAK	TR2044	8" OAK	TR2057	8" OAK	TR2070	8" OAK	TR2083	8" OAK	TR2096	8" OAK	TR2109	8" OAK	TR2122	8" OAK	TR2135	8" OAK	TR2148	8" OAK	TR2161	8" OAK	TR2174	8" OAK	TR2187	8" OAK	TR2200	8" OAK	TR2213	8" OAK	TR2226	8" OAK	TR2239	8" OAK	TR2252	8" OAK	TR2265	8" OAK	TR2278	8" OAK	TR2291	8" OAK	TR2304	8" OAK	TR2317	8" OAK	TR2330	8" OAK	TR2343	8" OAK	TR2356	8" OAK	TR2369	8" OAK	TR2382	8" OAK	TR2395	8" OAK	TR2408	8" OAK	TR2421	8" OAK	TR2434	8" OAK	TR2447	8" OAK	TR2460	8" OAK	TR2473	8" OAK	TR2486	8" OAK	TR2499	8" OAK	TR2512	8" OAK	TR2525	8" OAK	TR2538	8" OAK	TR2551	8" OAK	TR2564	8" OAK	TR2577	8" OAK	TR2590	8" OAK	TR2603	8" OAK	TR2616	8" OAK	TR2629	8" OAK	TR2642	8" OAK	TR2655	8" OAK	TR2668	8" OAK	TR2681	8" OAK	TR2694	8" OAK	TR2707	8" OAK	TR2720	8" OAK	TR2733	8" OAK	TR2746	8" OAK	TR2759	8" OAK	TR2772	8" OAK	TR2785	8" OAK	TR2798	8" OAK	TR2811	8" OAK	TR2824	8" OAK	TR2837	8" OAK	TR2850	8" OAK	TR2863	8" OAK	TR2876	8" OAK	TR2889	8" OAK	TR2902	8" OAK	TR2915	8" OAK	TR2928	8" OAK	TR2941	8" OAK	TR2954	8" OAK	TR2967	8" OAK	TR2980	8" OAK	TR2993	8" OAK	TR3006	8" OAK	TR3019	8" OAK	TR3032	8" OAK	TR3045	8" OAK	TR3058	8" OAK	TR3071	8" OAK	TR3084	8" OAK	TR3097	8" OAK	TR3110	8" OAK	TR3123	8" OAK	TR3136	8" OAK	TR3149	8" OAK	TR3162	8" OAK	TR3175	8" OAK	TR3188	8" OAK	TR3201	8" OAK	TR3214	8" OAK	TR3227	8" OAK	TR3240	8" OAK	TR3253	8" OAK	TR3266	8" OAK	TR3279	8" OAK	TR3292	8" OAK	TR3305	8" OAK	TR3318	8" OAK	TR3331	8" OAK	TR3344	8" OAK	TR3357	8" OAK	TR3370	8" OAK	TR3383	8" OAK	TR3396	8" OAK	TR3409	8" OAK	TR3422	8" OAK	TR3435	8" OAK	TR3448	8" OAK	TR3461	8" OAK	TR3474	8" OAK	TR3487	8" OAK	TR3500	8" OAK	TR3513	8" OAK	TR3526	8" OAK	TR3539	8" OAK	TR3552	8" OAK	TR3565	8" OAK	TR3578	8" OAK	TR3591	8" OAK	TR3604	8" OAK	TR3617	8" OAK	TR3630	8" OAK	TR3643	8" OAK	TR3656	8" OAK	TR3669	8" OAK	TR3682	8" OAK	TR3695	8" OAK	TR3708	8" OAK	TR3721	8" OAK	TR3734	8" OAK	TR3747	8" OAK	TR3760	8" OAK	TR3773	8" OAK	TR3786	8" OAK	TR3799	8" OAK	TR3812	8" OAK	TR3825	8" OAK	TR3838	8" OAK	TR3851	8" OAK	TR3864	8" OAK	TR3877	8" OAK	TR3890	8" OAK	TR3903	8" OAK	TR3916	8" OAK	TR3929	8" OAK	TR3942	8" OAK	TR3955	8" OAK	TR3968	8" OAK	TR3981	8" OAK	TR3994	8" OAK	TR4007	8" OAK	TR4020	8" OAK	TR4033	8" OAK	TR4046	8" OAK	TR4059	8" OAK	TR4072	8" OAK	TR4085	8" OAK	TR4098	8" OAK	TR4111	8" OAK	TR4124	8" OAK	TR4137	8" OAK	TR4150	8" OAK	TR4163	8" OAK	TR4176	8" OAK	TR4189	8" OAK	TR4202	8" OAK	TR4215	8" OAK	TR4228	8" OAK	TR4241	8" OAK	TR4254	8" OAK	TR4267	8" OAK	TR4280	8" OAK	TR4293	8" OAK	TR4306	8" OAK	TR4319	8" OAK	TR4332	8" OAK	TR4345	8" OAK	TR4358	8" OAK	TR4371	8" OAK	TR4384	8" OAK	TR4397	8" OAK	TR4410	8" OAK	TR4423	8" OAK	TR4436	8" OAK	TR4449	8" OAK	TR4462	8" OAK	TR4475	8" OAK	TR4488	8" OAK	TR4501	8" OAK	TR4514	8" OAK	TR4527	8" OAK	TR4540	8" OAK	TR4553	8" OAK	TR4566	8" OAK	TR4579	8" OAK	TR4592	8" OAK	TR4605	8" OAK	TR4618	8" OAK	TR4631	8" OAK	TR4644	8" OAK	TR4657	8" OAK	TR4670	8" OAK	TR4683	8" OAK	TR4696	8" OAK	TR4709	8" OAK	TR4722	8" OAK	TR4735	8" OAK	TR4748	8" OAK	TR4761	8" OAK	TR4774	8" OAK	TR4787	8" OAK	TR4800	8" OAK	TR4813	8" OAK	TR4826	8" OAK	TR4839	8" OAK	TR4852	8" OAK	TR4865	8" OAK	TR4878	8" OAK	TR4891	8" OAK	TR4904	8" OAK	TR4917	8" OAK	TR4930	8" OAK	TR4943	8" OAK	TR4956	8" OAK	TR4969	8" OAK	TR4982	8" OAK	TR4995	8" OAK	TR5008	8" OAK	TR5021	8" OAK	TR5034	8" OAK	TR5047	8" OAK	TR5060	8" OAK	TR5073	8" OAK	TR5086	8" OAK	TR5099	8" OAK	TR5112	8" OAK	TR5125	8" OAK	TR5138	8" OAK	TR5151	8" OAK	TR5164	8" OAK	TR5177	8" OAK	TR5190	8" OAK	TR5203	8" OAK	TR5216	8" OAK	TR5229	8" OAK	TR5242	8" OAK	TR5255	8" OAK	TR5268	8" OAK	TR5281	8" OAK	TR5294	8" OAK	TR5307	8" OAK	TR5320	8" OAK	TR5333	8" OAK	TR5346	8" OAK	TR5359	8" OAK	TR5372	8" OAK	TR5385	8" OAK	TR5398	8" OAK	TR5411	8" OAK	TR5424	8" OAK	TR5437	8" OAK	TR5450	8" OAK	TR5463	8" OAK	TR5476	8" OAK	TR5489	8" OAK	TR5502	8" OAK	TR5515	8" OAK	TR5528	8" OAK	TR5541	8" OAK	TR5554	8" OAK	TR5567	8" OAK	TR5580	8" OAK	TR5593	8" OAK	TR5606	8" OAK	TR5619	8" OAK	TR5632	8" OAK	TR5645	8" OAK	TR5658	8" OAK	TR5671	8" OAK	TR5684	8" OAK	TR5697	8" OAK	TR5710	8" OAK	TR5723	8" OAK	TR5736	8" OAK	TR5749	8" OAK	TR5762	8" OAK	TR5775	8" OAK	TR5788	8" OAK	TR5801	8" OAK	TR5814	8" OAK	TR5827	8" OAK	TR5840	8" OAK	TR5853	8" OAK	TR5866	8" OAK	TR5879	8" OAK	TR5892	8" OAK	TR5905	8" OAK	TR5918	8" OAK	TR5931	8" OAK	TR5944	8" OAK	TR5957	8" OAK	TR5970	8" OAK	TR5983	8" OAK	TR5996	8" OAK	TR6009	8" OAK	TR6022	8" OAK	TR6035	8" OAK	TR6048	8" OAK	TR6061	8" OAK	TR6074	8" OAK	TR6087	8" OAK	TR6100	8" OAK	TR6113	8" OAK	TR6126	8" OAK	TR6139	8" OAK	TR6152	8" OAK	TR6165	8" OAK	TR6178	8" OAK	TR6191	8" OAK	TR6204	8" OAK	TR6217	8" OAK	TR6230	8" OAK	TR6243	8" OAK	TR6256	8" OAK	TR6269	8" OAK	TR6282	8" OAK	TR6295	8" OAK	TR6308	8" OAK	TR6321	8" OAK	TR6334	8" OAK	TR6347	8" OAK	TR6360	8" OAK	TR6373	8" OAK	TR6386	8" OAK	TR6399	8" OAK	TR6412	8" OAK	TR6425	8" OAK	TR6438	8" OAK	TR6451	8" OAK	TR6464	8" OAK	TR6477	8" OAK	TR6490	8" OAK	TR6503	8" OAK	TR6516	8" OAK	TR6529	8" OAK	TR6542	8" OAK	TR6555	8" OAK	TR6568	8" OAK	TR6581	8" OAK	TR6594	8" OAK	TR6607	8" OAK	TR6620	8" OAK	TR6633	8" OAK	TR6646	8" OAK	TR6659	8" OAK	TR6672	8" OAK	TR6685	8" OAK	TR6698	8" OAK	TR6711	8" OAK	TR6724	8" OAK	TR6737	8" OAK	TR6750	8" OAK	TR6763	8" OAK	TR6776	8" OAK	TR6789	8" OAK	TR6802	8" OAK	TR6815	8" OAK	TR6828	8" OAK	TR6841	8" OAK	TR6854	8" OAK	TR6867	8" OAK	TR6880	8" OAK	TR6893	8" OAK	TR6906	8" OAK	TR6919	8" OAK	TR6932	8" OAK	TR6945	8" OAK	TR6958	8" OAK	TR6971	8" OAK	TR6984	8" OAK	TR6997	8" OAK	TR7010	8

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

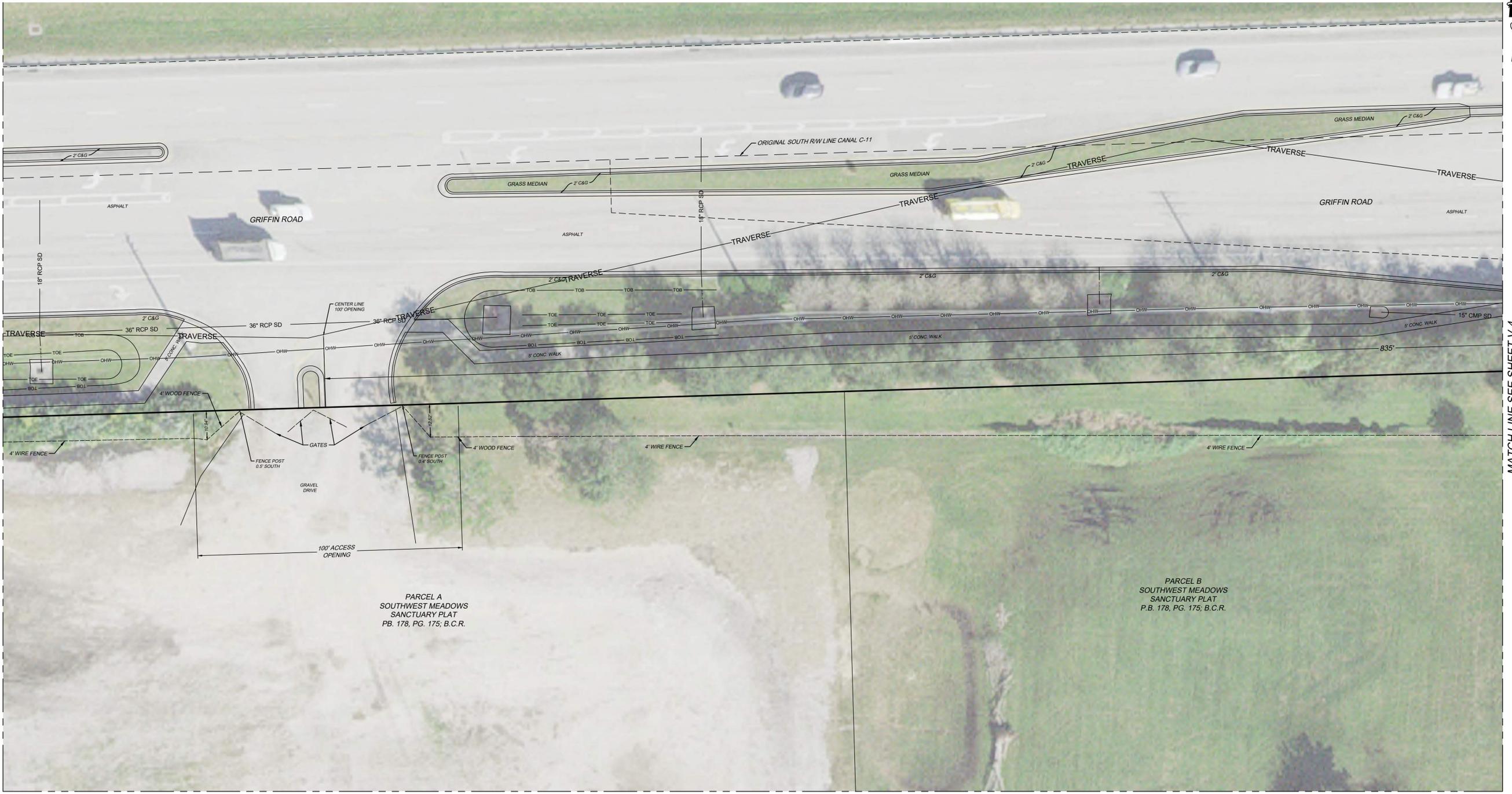


NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further, confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

- ABBREVIATION LEGEND:**
- ASPH. ASPHALT
  - B.C.R. BROWARD COUNTY RECORDS
  - B.M. BENCHMARK
  - B.O.S. BOTTOM OF STRUCTURE
  - C.B. CATCH BASIN
  - C.L. CENTERLINE
  - C.L.F. CHAIN LINK FENCE
  - CONC. CONCRETE
  - C.M.P. CORRUGATE METAL PIPE
  - C&G CURB AND GUTTER
  - ELEV. ELEVATION
  - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
  - FND FOUND
  - F.P.&L. FLORIDA POWER AND LIGHT
  - HDPE HIGH DENSITY POLYETHYLENE
  - I.E. INVERT ELEVATION
  - LB. LICENSED BUSINESS
  - LS LICENSED SURVEYOR
  - MEAS. (M) MEASURED
  - N.A.V.D. NORTH AMERICAN VERTICAL DATUM
  - N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
  - O.F. OUTFALL
  - O.R.B. OFFICIAL RECORDS BOOK
  - P.B. PLAT BOOK
  - P.G. PAGE
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - PI. POINT
  - P.V.C. POLYVINYL CHLORIDE
  - R.C.P. REINFORCED CONCRETE PIPE
  - R.E. RIM ELEVATION
  - R/W RIGHT OF WAY
  - SAN. SANITARY
  - STMH. STORM
  - TRANS. TRANSFORMER
  - TYP. TYPICAL
  - U/E. UTILITY EASEMENT
  - U/G. UNDERGROUND
  - UNK. UNKNOWN
  - UTIL. UTILITY
  - W.I.F. WROUGHT IRON FENCE
  - W.F. WOOD FENCE
  - W. WITH

- CONTROL LEGEND:**
- IRON PIPE
  - IRON ROD
  - M&S NAIL & DISC
  - P.R.M. BRASS DISC

- LEGEND:**
- ANCHOR
  - ROLLARD
  - CABLE / FIBER OPTIC PEDESTAL
  - CATCH BASIN
  - CONCRETE POWER POLE
  - CONCRETE TELEPHONE POLE
  - CURB INLET
  - CURB INLET PS RIGHT
  - CURB INLET PS LEFT
  - CURB INLET P6
  - DENSE VEGETATION
  - ELECTRICAL / CABLE PULL BOX
  - ELECTRICAL METER
  - FIBER OPTIC PEDESTAL / PULLBOX
  - FIRE HYDRANT
  - GROUNDING ROD
  - MAILBOX
  - METAL POST / PIPE
  - PALM TREE
  - PARKING LIGHT ROUND BULB
  - PEDESTRIAN SIGNAL
  - PINE TREE
  - PIPE PLUG / STORM OUTFALL
  - SHADE TREE
  - SIGN (DOUBLE POST)
  - SIGN (SINGLE POST)
  - STORM MANHOLE
  - TELEPHONE PULL BOX
  - TRAFFIC CONTROL / CABINET
  - TRAFFIC PULL BOX
  - TRANSFORMER PAD
  - U/G UTILITY MARKER POST
  - UNKNOWN MANHOLE
  - WOOD POST



MATCH LINE SEE SHEET V-2

MATCH LINE SEE SHEET V-4

MATCH LINE SEE SHEET V-6

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH+14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH+20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	8" OAK	TR7008	8" OAK	TR7021	8" OAK	TR7034	8" OAK	TR7047	8" OAK	TR7060	8" OAK	TR7073	8" OAK	TR7086	8" OAK	TR7099

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or warranties as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

- ABBREVIATION LEGEND:**
- ASPH. ASPHALT
  - B.C.R. BROWARD COUNTY RECORDS
  - B.M. BENCHMARK
  - B.O.S. BOTTOM OF STRUCTURE
  - C.B. CATCH BASIN
  - C.L. CENTERLINE
  - C.L.F. CHAIN LINK FENCE
  - CONC. CONCRETE
  - C.M.P. CORRUGATE METAL PIPE
  - C&G CURB AND GUTTER
  - ELEV. ELEVATION
  - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
  - FND FOUND
  - F.P.&L. FLORIDA POWER AND LIGHT
  - HDPE HIGH DENSITY POLYETHYLENE
  - I.E. INVERT ELEVATION
  - L.B. LICENSED BUSINESS
  - LS LICENSED SURVEYOR
  - MEAS. (M) MEASURED
  - N.A.V.D. NORTH AMERICAN VERTICAL DATUM
  - N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
  - O.F. OUTFALL
  - O.R.B. OFFICIAL RECORDS BOOK
  - P.B. PLAT BOOK
  - P.G. PAGE
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - PI. POINT
  - P.V.C. POLYVINYL CHLORIDE
  - R.C.P. REINFORCED CONCRETE PIPE
  - R.E. RIM ELEVATION
  - R/W RIGHT OF WAY
  - SAN. SANITARY
  - STMH. STORM
  - TRANS. TRANSFORMER
  - TYP. TYPICAL
  - U.E. UTILITY EASEMENT
  - U/G UNDERGROUND
  - UNK. UNKNOWN
  - UTIL. UTILITY
  - W.I.F. WROUGHT IRON FENCE
  - W.F. WOOD FENCE
  - W/ WITH

- CONTROL LEGEND:**
- IRON PIPE
  - IRON ROD
  - MAG. NAIL & DISC
  - P.R.M. BRASS DISC

- LEGEND:**
- ANCHOR
  - ROLLARD
  - CABLE / FIBER OPTIC PEDESTAL
  - CATCH BASIN
  - CONCRETE POWER POLE
  - CONCRETE TELEPHONE POLE
  - CURB INLET
  - CURB INLET PS RIGHT
  - CURB INLET PS LEFT
  - CURB INLET P6
  - DENSE VEGETATION
  - ELECTRICAL / CABLE PULL BOX
  - ELECTRICAL METER
  - FIBER OPTIC PEDESTAL / PULLBOX
  - FIRE HYDRANT
  - GROUNDING ROD
  - MAILBOX
  - METAL POST / PIPE
  - PALM TREE
  - PARKING LIGHT ROUND BULB
  - PEDESTRIAN SIGNAL
  - PIKE TREE
  - PIPE PLUG / STORM OUTFALL
  - SHADE TREE
  - SIGN (DOUBLE POST)
  - SIGN (SINGLE POST)
  - STORM MANHOLE
  - TELEPHONE PULL BOX
  - TRAFFIC CONTROL / CABINET
  - TRAFFIC PULL BOX
  - TRANSFORMER PAD
  - U/G UTILITY MARKER POST
  - UNKNOWN MANHOLE
  - WOOD POST
  - BOTTOM OF BANK
  - CHAIN LINK FENCE
  - STORM LINE
  - TOP OF BANK
  - VINYL / WOOD FENCE
  - WIRE FENCE
  - WROUGHT IRON FENCE
  - OVER HEAD WIRES



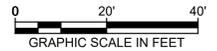
MATCH LINE SEE SHEET V-3

MATCH LINE SEE SHEET V-7

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH+14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH+20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	8" OAK	TR7008	8" OAK	TR7021	8" OAK	TR7034	8" OAK	TR7047	8" OAK	TR7060	8" OAK	TR7073	8" OAK

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-2



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected hereon pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further, confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

- ABBREVIATION LEGEND:**
- ASPH. ASPHALT
  - B.C.R. BROWARD COUNTY RECORDS
  - B.M. BENCHMARK
  - B.O.S. BOTTOM OF STRUCTURE
  - C.B. CATCH BASIN
  - C.L. CENTERLINE
  - C.L.F. CHAIN LINK FENCE
  - CONC. CONCRETE
  - C.M.P. CORRUGATE METAL PIPE
  - C&G CURB AND GUTTER
  - ELEV. ELEVATION
  - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
  - FND FOUND
  - F.P.B.L. FLORIDA POWER AND LIGHT
  - HDPE HIGH DENSITY POLYETHYLENE
  - I.E. INVERT ELEVATION
  - L.B. LICENSED BUSINESS
  - L.S. LICENSED SURVEYOR
  - MEAS. (M) MEASURED
  - N.A.V.D. NORTH AMERICAN VERTICAL DATUM
  - N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
  - O.F. OUTFALL
  - O.R.B. OFFICIAL RECORDS BOOK
  - P.B. PLAT BOOK
  - P.G. PAGE
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - P. POINT
  - P.V.C. POLYVINYL CHLORIDE
  - R.C.P. REINFORCED CONCRETE PIPE
  - R.E. RIM ELEVATION
  - R/W RIGHT OF WAY
  - SAN. SANITARY
  - STMH. STORM
  - TRANS. TRANSFORMER
  - TYP. TYPICAL
  - U.E. UTILITY EASEMENT
  - U/G UNDERGROUND
  - UNK. UNKNOWN
  - UTIL. UTILITY
  - W.I.F. WROUGHT IRON FENCE
  - W.F. WOOD FENCE
  - W. WIDTH

- CONTROL LEGEND:**
- IRON PIPE
  - IRON ROD
  - M&S NAIL & DISC
  - P.R.M. BRASS DISC

- LEGEND:**
- ANCHOR
  - BOLLARD
  - CABLE / FIBER OPTIC PEDESTAL
  - CATCH BASIN
  - CONCRETE POWER POLE
  - CONCRETE TELEPHONE POLE
  - CURB INLET
  - CURB INLET PS RIGHT
  - CURB INLET PS LEFT
  - CURB INLET PS
  - DENSE VEGETATION
  - ELECTRICAL / CABLE PULL BOX
  - ELECTRICAL METER
  - FIBER OPTIC PEDESTAL / PULLBOX
  - FIRE HYDRANT
  - GROUNDING ROD
  - MAILBOX
  - METAL POST / PIPE
  - PALM TREE
  - PARKING LIGHT ROUND BULB
  - PEDESTRIAN SIGNAL
  - PIKE TREE
  - PIPE PLUG / STORM OUTFALL
  - SHADE TREE
  - SIGN (DOUBLE POST)
  - SIGN (SINGLE POST)
  - STORM MANHOLE
  - TELEPHONE PULL BOX
  - TRAFFIC CONTROL / CABINET
  - TRAFFIC PULL BOX
  - TRANSFORMER PAD
  - U/G UTILITY MARKER POST
  - UNKNOWN MANHOLE
  - WOOD POST
  - 100' BOTTOM OF BANK
  - CHAIN LINK FENCE
  - 170' STORM LINE
  - 100' TOP OF BANK
  - VINYL / WOOD FENCE
  - WIRE FENCE
  - WROUGHT IRON FENCE
  - OVER HEAD WIRES



TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH+14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH+20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	8" OAK	TR7008	8" OAK	TR7021	8" OAK	TR7034	8" OAK	TR7047	8" OAK	TR7060	8" OAK	TR7073	8" OAK	TR7086	8" OAK	TR7099	8" OAK	TR7112	8" OAK	TR7125	8" OAK	TR713

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY



MATCH LINE SEE SHEET V-3

NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

### ABBREVIATION LEGEND:

- ASPH. ASPHALT
- B.C.R. BROWARD COUNTY RECORDS
- B.M. BENCHMARK
- B.O.S. BOTTOM OF STRUCTURE
- C.B. CATCH BASIN
- C.L. CENTERLINE
- C.L.F. CHAIN LINK FENCE
- CONC. CONCRETE
- C.M.P. CORRUGATE METAL PIPE
- C&G CURB AND GUTTER
- ELEV. ELEVATION
- F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
- FND FOUND
- F.P.&L. FLORIDA POWER AND LIGHT
- HDPE HIGH DENSITY POLYETHYLENE
- I.E. INVERT ELEVATION
- L.B. LICENSED BUSINESS
- LS LICENSED SURVEYOR
- MEAS. (M) MEASURED
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
- O.F. OUTFALL
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.G. PAGE
- P.R.M. PERMANENT REFERENCE MONUMENT
- P. POINT
- P.V.C. POLYVINYL CHLORIDE
- R.C.P. REINFORCED CONCRETE PIPE
- R.E. RIM ELEVATION
- R/W RIGHT OF WAY
- SAN. SANITARY
- STMH. STORM
- TRANS. TRANSFORMER
- TYP. TYPICAL
- U.E. UTILITY EASEMENT
- U/G UNDERGROUND
- UNK. UNKNOWN
- UTIL. UTILITY
- W.I.F. WROUGHT IRON FENCE
- W.F. WOOD FENCE
- W. WITH

### CONTROL LEGEND:

- IRON PIPE
- IRON ROD
- M&S NAIL & DISC
- P.R.M. BRASS DISC

### LEGEND:

- ANCHOR
- BOLLARD
- CABLE / FIBER OPTIC PEDESTAL
- CATCH BASIN
- CONCRETE POWER POLE
- CONCRETE TELEPHONE POLE
- CURB INLET
- CURB INLET PS RIGHT
- CURB INLET PS LEFT
- CURB INLET P6
- DENSE VEGETATION
- ELECTRICAL / CABLE PULL BOX
- ELECTRICAL METER
- FIBER OPTIC PEDESTAL / PULLBOX
- FIRE HYDRANT
- GROUNDING ROD
- MAILBOX
- METAL POST / PIPE
- PALM TREE
- PARKING LIGHT ROUND BULB
- PEDESTRIAN SIGNAL
- PIKE TREE
- PIPE PLUG / STORM OUTFALL
- SHADE TREE
- SIGN (DOUBLE POST)
- SIGN (SINGLE POST)
- STORM MANHOLE
- TELEPHONE PULL BOX
- TRAFFIC CONTROL / CABINET
- TRAFFIC PULL BOX
- TRANSFORMER PAD
- U/G UTILITY MARKER POST
- UNKNOWN MANHOLE
- WOOD POST
- 104 BOTTOM OF BANK
- CHAIN LINK FENCE
- 174 STORM LINE
- 108 TOP OF BANK
- VINYL / WOOD FENCE
- WIRE FENCE
- WROUGHT IRON FENCE
- OVER HEAD WIRES

MATCH LINE SEE SHEET V-5



MATCH LINE SEE SHEET V-7

MATCH LINE SEE SHEET V-9

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH+14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH+20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK</

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-4



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

### ABBREVIATION LEGEND:

- ASPH. ASPHALT
- B.C.R. BROWARD COUNTY RECORDS
- B.M. BENCHMARK
- B.O.S. BOTTOM OF STRUCTURE
- C.B. CATCH BASIN
- C.L. CENTERLINE
- C.L.F. CHAIN LINK FENCE
- CONC. CONCRETE
- C.M.P. CORRUGATE METAL PIPE
- C&G CURB AND GUTTER
- ELEV. ELEVATION
- F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
- FND FOUND
- F.P.&L. FLORIDA POWER AND LIGHT
- HDPE HIGH DENSITY POLYETHYLENE
- I.E. INVERT ELEVATION
- LB. LICENSED BUSINESS
- LS LICENSED SURVEYOR
- MEAS. (M) MEASURED
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
- O.F. OUTFALL
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.G. PAGE
- P.R.M. PERMANENT REFERENCE MONUMENT
- P. POINT
- P.V.C. POLYVINYL CHLORIDE
- R.C.P. REINFORCED CONCRETE PIPE
- R.E. RIM ELEVATION
- R/W RIGHT OF WAY
- SAN. SANITARY
- STMH. STORM
- TRANS. TRANSFORMER
- TYP. TYPICAL
- U.E. UTILITY EASEMENT
- U/G UNDERGROUND
- UNK. UNKNOWN
- UTIL. UTILITY
- W.I.F. WROUGHT IRON FENCE
- W.F. WOOD FENCE
- W. WITH

### CONTROL LEGEND:

- IRON PIPE
- IRON ROD
- M&S NAIL & DISC
- P.R.M. BRASS DISC

### LEGEND:

- ANCHOR
- BOLLARD
- CABLE / FIBER OPTIC PEDESTAL
- CATCH BASIN
- CONCRETE POWER POLE
- CONCRETE TELEPHONE POLE
- CURB INLET
- CURB INLET PS RIGHT
- CURB INLET PS LEFT
- CURB INLET P6
- DENSE VEGETATION
- ELECTRICAL / CABLE PULL BOX
- ELECTRICAL METER
- FIBER OPTIC PEDESTAL / PULLBOX
- FIRE HYDRANT
- GROUNDING ROD
- MAILBOX
- METAL POST / PIPE
- PALM TREE
- PARKING LIGHT ROUND BULB
- PEDESTRIAN SIGNAL
- PINE TREE
- PIPE PLUG / STORM OUTFALL
- SHADE TREE
- SIGN (DOUBLE POST)
- SIGN (SINGLE POST)
- STORM MANHOLE
- TELEPHONE PULL BOX
- TRAFFIC CONTROL / CABINET
- TRAFFIC PULL BOX
- TRANSFORMER PAD
- U/G UTILITY MARKER POST
- UNKNOWN MANHOLE
- WOOD POST
- 104 BOTTOM OF BANK
- 105 CHAIN LINK FENCE
- 106 STORM LINE
- 107 TOP OF BANK
- 108 VINYL / WOOD FENCE
- 109 WIRE FENCE
- 110 WROUGHT IRON FENCE
- 111 OVER HEAD WIRES

MATCH LINE SEE SHEET V-6



MATCH LINE SEE SHEET V-10

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH+14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH+20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-5



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further, confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

- ABBREVIATION LEGEND:**
- ASPH. ASPHALT
  - B.C.R. BROWARD COUNTY RECORDS
  - B.M. BENCHMARK
  - B.O.S. BOTTOM OF STRUCTURE
  - C.B. CATCH BASIN
  - C.L. CENTERLINE
  - C.L.F. CHAIN LINK FENCE
  - CONC. CONCRETE
  - C.M.P. CORRUGATE METAL PIPE
  - C&G CURB AND GUTTER
  - ELEV. ELEVATION
  - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
  - FND FOUND
  - F.P.&L. FLORIDA POWER AND LIGHT
  - HDPE HIGH DENSITY POLYETHYLENE
  - I.E. INVERT ELEVATION
  - L.B. LICENSED BUSINESS
  - LS LICENSED SURVEYOR
  - MEAS. (M) MEASURED
  - N.A.V.D. NORTH AMERICAN VERTICAL DATUM
  - N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
  - O.F. OUTFALL
  - O.R.B. OFFICIAL RECORDS BOOK
  - P.B. PLAT BOOK
  - P.G. PAGE
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - PI. POINT
  - P.V.C. POLYVINYL CHLORIDE
  - R.C.P. REINFORCED CONCRETE PIPE
  - R.E. RIM ELEVATION
  - R/W RIGHT OF WAY
  - SAN. SANITARY
  - STMH. STORM
  - TRANS. TRANSFORMER
  - TYP. TYPICAL
  - U.E. UTILITY EASEMENT
  - U/G UNDERGROUND
  - UNK. UNKNOWN
  - UTIL. UTILITY
  - W.I.F. WROUGHT IRON FENCE
  - W.F. WOOD FENCE
  - W/ WITH

- CONTROL LEGEND:**
- IRON PIPE
  - IRON ROD
  - M&S NAIL & DISC
  - P.R.M. BRASS DISC

- LEGEND:**
- ANCHOR
  - ROLLBAR
  - CABLE / FIBER OPTIC PEDESTAL
  - CATCH BASIN
  - CONCRETE POWER POLE
  - CONCRETE TELEPHONE POLE
  - CURB INLET
  - CURB INLET PS RIGHT
  - CURB INLET PS LEFT
  - CURB INLET P6
  - DENSE VEGETATION
  - ELECTRICAL / CABLE PULL BOX
  - ELECTRICAL METER
  - FIBER OPTIC PEDESTAL / PULLBOX
  - FIRE HYDRANT
  - GROUNDING ROD
  - MAILBOX
  - METAL POST / PIPE
  - PALM TREE
  - PARKING LIGHT ROUND BULB
  - PEDESTRIAN SIGNAL
  - PIKE TREE
  - PIPE PLUG / STORM OUTFALL
  - SHADE TREE
  - SIGN (DOUBLE POST)
  - SIGN (SINGLE POST)
  - STORM MANHOLE
  - TELEPHONE PULL BOX
  - TRAFFIC CONTROL / CABINET
  - TRAFFIC PULL BOX
  - TRANSFORMER PAD
  - U/G UTILITY MARKER POST
  - UNKNOWN MANHOLE
  - WOOD POST
  - BOTTOM OF BANK
  - CHAIN LINK FENCE
  - STORM LINE
  - TOP OF BANK
  - VINYL / WOOD FENCE
  - WIRE FENCE
  - WROUGHT IRON FENCE
  - OVER HEAD WIRES

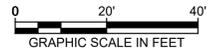


TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH+14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH+20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	8" OAK	TR7008	8" OAK	TR7021	8" OAK	TR7034	8" OAK	TR7047	8" OAK	TR7060	8" OAK	TR7073	8" OAK	TR7086	8" OAK	TR7099	8" OAK	TR7112	8" OAK	TR7125	8" OAK	TR7138	8" OAK	TR7151	8" OAK	TR7164	8" OAK	TR717



# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-7



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

- ABBREVIATION LEGEND:**
- ASPH. ASPHALT
  - B.C.R. BROWARD COUNTY RECORDS
  - B.M. BENCHMARK
  - B.O.S. BOTTOM OF STRUCTURE
  - C.B. CATCH BASIN
  - C.L. CENTERLINE
  - C.L.F. CHAIN LINK FENCE
  - CONC. CONCRETE
  - C.M.P. CORRUGATE METAL PIPE
  - C&G CURB AND GUTTER
  - ELEV. ELEVATION
  - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
  - FND FOUND
  - F.P.&L. FLORIDA POWER AND LIGHT
  - HDPE HIGH DENSITY POLYETHYLENE
  - I.E. INVERT ELEVATION
  - L.B. LICENSED BUSINESS
  - L.S. LICENSED SURVEYOR
  - MEAS. (M) MEASURED
  - N.A.V.D. NORTH AMERICAN VERTICAL DATUM
  - N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
  - O.F. OUTFALL
  - O.R.B. OFFICIAL RECORDS BOOK
  - P.B. PLAT BOOK
  - P.G. PAGE
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - PI. POINT
  - P.V.C. POLYVINYL CHLORIDE
  - R.C.P. REINFORCED CONCRETE PIPE
  - R.E. RIM ELEVATION
  - R/W RIGHT OF WAY
  - R/W SANITARY
  - STMH. STORM
  - TRANS. TRANSFORMER
  - TYP. TYPICAL
  - U.E. UTILITY EASEMENT
  - U/G UNDERGROUND
  - UNK. UNKNOWN
  - UTIL. UTILITY
  - W.I.F. WROUGHT IRON FENCE
  - W.F. WOOD FENCE
  - W/ WITH

- CONTROL LEGEND:**
- IRON PIPE
  - IRON ROD
  - M&S NAIL & DISC
  - P.R.M. BRASS DISC

- LEGEND:**
- ANCHOR
  - BOLLARD
  - CABLE / FIBER OPTIC PEDESTAL
  - CATCH BASIN
  - CONCRETE POWER POLE
  - CONCRETE TELEPHONE POLE
  - CURB INLET
  - CURB INLET PS RIGHT
  - CURB INLET PS LEFT
  - CURB INLET PS
  - DENSE VEGETATION
  - ELECTRICAL / CABLE PULL BOX
  - ELECTRICAL METER
  - FIBER OPTIC PEDESTAL / PULLBOX
  - FIRE HYDRANT
  - GROUNDING ROD
  - MAILBOX
  - METAL POST / PIPE
  - PALM TREE
  - PARKING LIGHT ROUND BULB
  - PEDESTRIAN SIGNAL
  - PIKE TREE
  - PIPE PLUG / STORM OUTFALL
  - SHADE TREE
  - SIGN (DOUBLE POST)
  - SIGN (SINGLE POST)
  - STORM MANHOLE
  - TELEPHONE PULL BOX
  - TRAFFIC CONTROL / CABINET
  - TRAFFIC PULL BOX
  - TRANSFORMER PAD
  - U/G UTILITY MARKER POST
  - UNKNOWN MANHOLE
  - WOOD POST
  - BOTTOM OF BANK
  - CHAIN LINK FENCE
  - STORM LINE
  - TOP OF BANK
  - VINYL / WOOD FENCE
  - WIRE FENCE
  - WROUGHT IRON FENCE
  - OVER HEAD WIRES

MATCH LINE SEE SHEET V-9



PARCEL B  
SOUTHWEST MEADOWS  
SANCTUARY PLAT  
P.B. 178, PG. 175; B.C.R.

MATCH LINE SEE SHEET V-13

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH-14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH-20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	8" OAK	TR7008	8" OAK	TR7021</

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-8



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further, confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

- ABBREVIATION LEGEND:**
- ASPH. ASPHALT
  - B.C.R. BROWARD COUNTY RECORDS
  - B.M. BENCHMARK
  - B.O.S. BOTTOM OF STRUCTURE
  - C.B. CATCH BASIN
  - C.L. CENTERLINE
  - C.L.F. CHAIN LINK FENCE
  - CONC. CONCRETE
  - C.M.P. CORRUGATE METAL PIPE
  - C&G CURB AND GUTTER
  - ELEV. ELEVATION
  - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
  - FND FOUND
  - F.P.&L. FLORIDA POWER AND LIGHT
  - HDPE HIGH DENSITY POLYETHYLENE
  - I.E. INVERT ELEVATION
  - LS LICENSED BUSINESS
  - LS LICENSED SURVEYOR
  - MEAS. (M) MEASURED
  - N.A.V.D. NORTH AMERICAN VERTICAL DATUM
  - N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
  - O.F. OUTFALL
  - O.R.B. OFFICIAL RECORDS BOOK
  - P.B. PLAT BOOK
  - P.G. PAGE
  - P.R.M. PERMANENT REFERENCE MONUMENT
  - P. POINT
  - P.V.C. POLYVINYL CHLORIDE
  - R.C.P. REINFORCED CONCRETE PIPE
  - R.E. RIM ELEVATION
  - R/W RIGHT OF WAY
  - SAN. SANITARY
  - STM. STORM
  - TRANS. TRANSFORMER
  - TYP. TYPICAL
  - U.E. UTILITY EASEMENT
  - U/G UNDERGROUND
  - UNK. UNKNOWN
  - UTIL. UTILITY
  - W.F. WROUGHT IRON FENCE
  - W. WITH

- CONTROL LEGEND:**
- IRON PIPE
  - IRON ROD
  - MAG. NAIL & DISC
  - P.R.M. BRASS DISC

- LEGEND:**
- ANCHOR
  - ROLLBAR
  - CABLE / FIBER OPTIC PEDESTAL
  - CATCH BASIN
  - CONCRETE POWER POLE
  - CONCRETE TELEPHONE POLE
  - CURB INLET
  - CURB INLET PS RIGHT
  - CURB INLET PS LEFT
  - CURB INLET P6
  - DENSE VEGETATION
  - ELECTRICAL / CABLE PULL BOX
  - ELECTRICAL METER
  - FIBER OPTIC PEDESTAL / PULLBOX
  - FIRE HYDRANT
  - GROUNDING ROD
  - MAILBOX
  - METAL POST / PIPE
  - PALM TREE
  - PARKING LIGHT ROUND BULB
  - PEDESTRIAN SIGNAL
  - PIPE TREE
  - PIPE PLUG / STORM OUTFALL
  - SHADE TREE
  - SIGN (DOUBLE POST)
  - SIGN (SINGLE POST)
  - STORM MANHOLE
  - TELEPHONE PULL BOX
  - TRAFFIC CONTROL / CABINET
  - TRAFFIC PULL BOX
  - TRANSFORMER PAD
  - U/G UTILITY MARKER POST
  - UNKNOWN MANHOLE
  - WOOD POST
  - 104 BOTTOM OF BANK
  - CHAIN LINK FENCE
  - 174 STORM LINE
  - 108 TOP OF BANK
  - VINYL / WOOD FENCE
  - WIRE FENCE
  - WROUGHT IRON FENCE
  - OVER HEAD WIRES



TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH=14'	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH=20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	8" OAK	TR6982	8" OAK	TR6995	8" OAK	TR7008	8" OAK	TR7021	8" OAK	TR7034	8" OAK	TR7047	8" OAK	TR7060	8" OAK	TR7073	8" OAK	TR7086	8" OAK	TR7099	8" OAK	TR7112	8" OAK	TR7125	8" OAK	TR7138	8" OAK	TR7151

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-9



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or warranties as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further, confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

### ABBREVIATION LEGEND:

- ASPH. ASPHALT
- B.C.R. BROWARD COUNTY RECORDS
- B.M. BENCHMARK
- B.O.S. BOTTOM OF STRUCTURE
- C.B. CATCH BASIN
- C.L. CENTERLINE
- C.L.F. CHAIN LINK FENCE
- CONC. CONCRETE
- C.M.P. CORRUGATE METAL PIPE
- C&G CURB AND GUTTER
- ELEV. ELEVATION
- F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
- FND FOUND
- F.P.&L. FLORIDA POWER AND LIGHT
- HDPE HIGH DENSITY POLYETHYLENE
- I.E. INVERT ELEVATION
- LB. LICENSED BUSINESS
- LS LICENSED SURVEYOR
- MEAS. (M) MEASURED
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
- O.F. OUTFALL
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.G. PAGE
- P.R.M. PERMANENT REFERENCE MONUMENT
- PI. POINT
- P.V.C. POLYVINYL CHLORIDE
- R.C.P. REINFORCED CONCRETE PIPE
- R.E. RIM ELEVATION
- R/W RIGHT OF WAY
- SAN. SANITARY
- STMH. STORM
- TRANS. TRANSFORMER
- TYP. TYPICAL
- U.E. UTILITY EASEMENT
- U/G UNDERGROUND
- UNK. UNKNOWN
- UTIL. UTILITY
- W.F. WROUGHT IRON FENCE
- W. WITH

### CONTROL LEGEND:

- IRON PIPE
- IRON ROD
- MAG. NAIL & DISC
- P.R.M. BRASS DISC

### LEGEND:

- ANCHOR
- ROLLARD
- CABLE / FIBER OPTIC PEDESTAL
- CATCH BASIN
- CONCRETE POWER POLE
- CONCRETE TELEPHONE POLE
- CURB INLET
- CURB INLET PS RIGHT
- CURB INLET PS LEFT
- CURB INLET PS
- DENSE VEGETATION
- ELECTRICAL / CABLE PULL BOX
- ELECTRICAL METER
- FIBER OPTIC PEDESTAL / PULLBOX
- FIRE HYDRANT
- GROUNDING ROD
- MAILBOX
- METAL POST / PIPE
- PALM TREE
- PARKING LIGHT ROUND BULB
- PEDESTRIAN SIGNAL
- PINE TREE
- PIPE PLUG / STORM OUTFALL
- SHADE TREE
- SIGN (DOUBLE POST)
- SIGN (SINGLE POST)
- STORM MANHOLE
- TELEPHONE PULL BOX
- TRAFFIC CONTROL / CABINET
- TRAFFIC PULL BOX
- TRANSFORMER PAD
- U/G UTILITY MARKER POST
- UNKNOWN MANHOLE
- WOOD POST
- 102- BOTTOM OF BANK
- 103- CHAIN LINK FENCE
- 104- STORM LINE
- 105- TOP OF BANK
- 106- VINYL / WOOD FENCE
- 107- WIRE FENCE
- 108- WROUGHT IRON FENCE
- 109- OVER HEAD WIRES

MATCH LINE SEE SHEET V-11



MATCH LINE SEE SHEET V-13

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH=14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH=20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK	TR196	8" OAK	TR209	8" OAK	TR222	8" OAK	TR235	8" OAK	TR248	8" OAK	TR261	8" OAK	TR274	8" OAK	TR287	8" OAK	TR300	8" OAK	TR313	8" OAK	TR326	8" OAK	TR339	8" OAK	TR352	8" OAK	TR365	8" OAK	TR378	8" OAK	TR391	8" OAK	TR404	8" OAK	TR417	8" OAK	TR430	8" OAK	TR443	8" OAK	TR456	8" OAK	TR469	8" OAK	TR482	8" OAK	TR495	8" OAK	TR508	8" OAK	TR521	8" OAK	TR534	8" OAK	TR547	8" OAK	TR560	8" OAK	TR573	8" OAK	TR586	8" OAK	TR599	8" OAK	TR612	8" OAK	TR625	8" OAK	TR638	8" OAK	TR651	8" OAK	TR664	8" OAK	TR677	8" OAK	TR690	8" OAK	TR703	8" OAK	TR716	8" OAK	TR729	8" OAK	TR742	8" OAK	TR755	8" OAK	TR768	8" OAK	TR781	8" OAK	TR794	8" OAK	TR807	8" OAK	TR820	8" OAK	TR833	8" OAK	TR846	8" OAK	TR859	8" OAK	TR872	8" OAK	TR885	8" OAK	TR898	8" OAK	TR911	8" OAK	TR924	8" OAK	TR937	8" OAK	TR950	8" OAK	TR963	8" OAK	TR976	8" OAK	TR989	8" OAK	TR1002	8" OAK	TR1015	8" OAK	TR1028	8" OAK	TR1041	8" OAK	TR1054	8" OAK	TR1067	8" OAK	TR1080	8" OAK	TR1093	8" OAK	TR1106	8" OAK	TR1119	8" OAK	TR1132	8" OAK	TR1145	8" OAK	TR1158	8" OAK	TR1171	8" OAK	TR1184	8" OAK	TR1197	8" OAK	TR1210	8" OAK	TR1223	8" OAK	TR1236	8" OAK	TR1249	8" OAK	TR1262	8" OAK	TR1275	8" OAK	TR1288	8" OAK	TR1301	8" OAK	TR1314	8" OAK	TR1327	8" OAK	TR1340	8" OAK	TR1353	8" OAK	TR1366	8" OAK	TR1379	8" OAK	TR1392	8" OAK	TR1405	8" OAK	TR1418	8" OAK	TR1431	8" OAK	TR1444	8" OAK	TR1457	8" OAK	TR1470	8" OAK	TR1483	8" OAK	TR1496	8" OAK	TR1509	8" OAK	TR1522	8" OAK	TR1535	8" OAK	TR1548	8" OAK	TR1561	8" OAK	TR1574	8" OAK	TR1587	8" OAK	TR1600	8" OAK	TR1613	8" OAK	TR1626	8" OAK	TR1639	8" OAK	TR1652	8" OAK	TR1665	8" OAK	TR1678	8" OAK	TR1691	8" OAK	TR1704	8" OAK	TR1717	8" OAK	TR1730	8" OAK	TR1743	8" OAK	TR1756	8" OAK	TR1769	8" OAK	TR1782	8" OAK	TR1795	8" OAK	TR1808	8" OAK	TR1821	8" OAK	TR1834	8" OAK	TR1847	8" OAK	TR1860	8" OAK	TR1873	8" OAK	TR1886	8" OAK	TR1899	8" OAK	TR1912	8" OAK	TR1925	8" OAK	TR1938	8" OAK	TR1951	8" OAK	TR1964	8" OAK	TR1977	8" OAK	TR1990	8" OAK	TR2003	8" OAK	TR2016	8" OAK	TR2029	8" OAK	TR2042	8" OAK	TR2055	8" OAK	TR2068	8" OAK	TR2081	8" OAK	TR2094	8" OAK	TR2107	8" OAK	TR2120	8" OAK	TR2133	8" OAK	TR2146	8" OAK	TR2159	8" OAK	TR2172	8" OAK	TR2185	8" OAK	TR2198	8" OAK	TR2211	8" OAK	TR2224	8" OAK	TR2237	8" OAK	TR2250	8" OAK	TR2263	8" OAK	TR2276	8" OAK	TR2289	8" OAK	TR2302	8" OAK	TR2315	8" OAK	TR2328	8" OAK	TR2341	8" OAK	TR2354	8" OAK	TR2367	8" OAK	TR2380	8" OAK	TR2393	8" OAK	TR2406	8" OAK	TR2419	8" OAK	TR2432	8" OAK	TR2445	8" OAK	TR2458	8" OAK	TR2471	8" OAK	TR2484	8" OAK	TR2497	8" OAK	TR2510	8" OAK	TR2523	8" OAK	TR2536	8" OAK	TR2549	8" OAK	TR2562	8" OAK	TR2575	8" OAK	TR2588	8" OAK	TR2601	8" OAK	TR2614	8" OAK	TR2627	8" OAK	TR2640	8" OAK	TR2653	8" OAK	TR2666	8" OAK	TR2679	8" OAK	TR2692	8" OAK	TR2705	8" OAK	TR2718	8" OAK	TR2731	8" OAK	TR2744	8" OAK	TR2757	8" OAK	TR2770	8" OAK	TR2783	8" OAK	TR2796	8" OAK	TR2809	8" OAK	TR2822	8" OAK	TR2835	8" OAK	TR2848	8" OAK	TR2861	8" OAK	TR2874	8" OAK	TR2887	8" OAK	TR2900	8" OAK	TR2913	8" OAK	TR2926	8" OAK	TR2939	8" OAK	TR2952	8" OAK	TR2965	8" OAK	TR2978	8" OAK	TR2991	8" OAK	TR3004	8" OAK	TR3017	8" OAK	TR3030	8" OAK	TR3043	8" OAK	TR3056	8" OAK	TR3069	8" OAK	TR3082	8" OAK	TR3095	8" OAK	TR3108	8" OAK	TR3121	8" OAK	TR3134	8" OAK	TR3147	8" OAK	TR3160	8" OAK	TR3173	8" OAK	TR3186	8" OAK	TR3199	8" OAK	TR3212	8" OAK	TR3225	8" OAK	TR3238	8" OAK	TR3251	8" OAK	TR3264	8" OAK	TR3277	8" OAK	TR3290	8" OAK	TR3303	8" OAK	TR3316	8" OAK	TR3329	8" OAK	TR3342	8" OAK	TR3355	8" OAK	TR3368	8" OAK	TR3381	8" OAK	TR3394	8" OAK	TR3407	8" OAK	TR3420	8" OAK	TR3433	8" OAK	TR3446	8" OAK	TR3459	8" OAK	TR3472	8" OAK	TR3485	8" OAK	TR3498	8" OAK	TR3511	8" OAK	TR3524	8" OAK	TR3537	8" OAK	TR3550	8" OAK	TR3563	8" OAK	TR3576	8" OAK	TR3589	8" OAK	TR3602	8" OAK	TR3615	8" OAK	TR3628	8" OAK	TR3641	8" OAK	TR3654	8" OAK	TR3667	8" OAK	TR3680	8" OAK	TR3693	8" OAK	TR3706	8" OAK	TR3719	8" OAK	TR3732	8" OAK	TR3745	8" OAK	TR3758	8" OAK	TR3771	8" OAK	TR3784	8" OAK	TR3797	8" OAK	TR3810	8" OAK	TR3823	8" OAK	TR3836	8" OAK	TR3849	8" OAK	TR3862	8" OAK	TR3875	8" OAK	TR3888	8" OAK	TR3901	8" OAK	TR3914	8" OAK	TR3927	8" OAK	TR3940	8" OAK	TR3953	8" OAK	TR3966	8" OAK	TR3979	8" OAK	TR3992	8" OAK	TR4005	8" OAK	TR4018	8" OAK	TR4031	8" OAK	TR4044	8" OAK	TR4057	8" OAK	TR4070	8" OAK	TR4083	8" OAK	TR4096	8" OAK	TR4109	8" OAK	TR4122	8" OAK	TR4135	8" OAK	TR4148	8" OAK	TR4161	8" OAK	TR4174	8" OAK	TR4187	8" OAK	TR4200	8" OAK	TR4213	8" OAK	TR4226	8" OAK	TR4239	8" OAK	TR4252	8" OAK	TR4265	8" OAK	TR4278	8" OAK	TR4291	8" OAK	TR4304	8" OAK	TR4317	8" OAK	TR4330	8" OAK	TR4343	8" OAK	TR4356	8" OAK	TR4369	8" OAK	TR4382	8" OAK	TR4395	8" OAK	TR4408	8" OAK	TR4421	8" OAK	TR4434	8" OAK	TR4447	8" OAK	TR4460	8" OAK	TR4473	8" OAK	TR4486	8" OAK	TR4499	8" OAK	TR4512	8" OAK	TR4525	8" OAK	TR4538	8" OAK	TR4551	8" OAK	TR4564	8" OAK	TR4577	8" OAK	TR4590	8" OAK	TR4603	8" OAK	TR4616	8" OAK	TR4629	8" OAK	TR4642	8" OAK	TR4655	8" OAK	TR4668	8" OAK	TR4681	8" OAK	TR4694	8" OAK	TR4707	8" OAK	TR4720	8" OAK	TR4733	8" OAK	TR4746	8" OAK	TR4759	8" OAK	TR4772	8" OAK	TR4785	8" OAK	TR4798	8" OAK	TR4811	8" OAK	TR4824	8" OAK	TR4837	8" OAK	TR4850	8" OAK	TR4863	8" OAK	TR4876	8" OAK	TR4889	8" OAK	TR4902	8" OAK	TR4915	8" OAK	TR4928	8" OAK	TR4941	8" OAK	TR4954	8" OAK	TR4967	8" OAK	TR4980	8" OAK	TR4993	8" OAK	TR5006	8" OAK	TR5019	8" OAK	TR5032	8" OAK	TR5045	8" OAK	TR5058	8" OAK	TR5071	8" OAK	TR5084	8" OAK	TR5097	8" OAK	TR5110	8" OAK	TR5123	8" OAK	TR5136	8" OAK	TR5149	8" OAK	TR5162	8" OAK	TR5175	8" OAK	TR5188	8" OAK	TR5201	8" OAK	TR5214	8" OAK	TR5227	8" OAK	TR5240	8" OAK	TR5253	8" OAK	TR5266	8" OAK	TR5279	8" OAK	TR5292	8" OAK	TR5305	8" OAK	TR5318	8" OAK	TR5331	8" OAK	TR5344	8" OAK	TR5357	8" OAK	TR5370	8" OAK	TR5383	8" OAK	TR5396	8" OAK	TR5409	8" OAK	TR5422	8" OAK	TR5435	8" OAK	TR5448	8" OAK	TR5461	8" OAK	TR5474	8" OAK	TR5487	8" OAK	TR5500	8" OAK	TR5513	8" OAK	TR5526	8" OAK	TR5539	8" OAK	TR5552	8" OAK	TR5565	8" OAK	TR5578	8" OAK	TR5591	8" OAK	TR5604	8" OAK	TR5617	8" OAK	TR5630	8" OAK	TR5643	8" OAK	TR5656	8" OAK	TR5669	8" OAK	TR5682	8" OAK	TR5695	8" OAK	TR5708	8" OAK	TR5721	8" OAK	TR5734	8" OAK	TR5747	8" OAK	TR5760	8" OAK	TR5773	8" OAK	TR5786	8" OAK	TR5799	8" OAK	TR5812	8" OAK	TR5825	8" OAK	TR5838	8" OAK	TR5851	8" OAK	TR5864	8" OAK	TR5877	8" OAK	TR5890	8" OAK	TR5903	8" OAK	TR5916	8" OAK	TR5929	8" OAK	TR5942	8" OAK	TR5955	8" OAK	TR5968	8" OAK	TR5981	8" OAK	TR5994	8" OAK	TR6007	8" OAK	TR6020	8" OAK	TR6033	8" OAK	TR6046	8" OAK	TR6059	8" OAK	TR6072	8" OAK	TR6085	8" OAK	TR6098	8" OAK	TR6111	8" OAK	TR6124	8" OAK	TR6137	8" OAK	TR6150	8" OAK	TR6163	8" OAK	TR6176	8" OAK	TR6189	8" OAK	TR6202	8" OAK	TR6215	8" OAK	TR6228	8" OAK	TR6241	8" OAK	TR6254	8" OAK	TR6267	8" OAK	TR6280	8" OAK	TR6293	8" OAK	TR6306	8" OAK	TR6319	8" OAK	TR6332	8" OAK	TR6345	8" OAK	TR6358	8" OAK	TR6371	8" OAK	TR6384	8" OAK	TR6397	8" OAK	TR6410	8" OAK	TR6423	8" OAK	TR6436	8" OAK	TR6449	8" OAK	TR6462	8" OAK	TR6475	8" OAK	TR6488	8" OAK	TR6501	8" OAK	TR6514	8" OAK	TR6527	8" OAK	TR6540	8" OAK	TR6553	8" OAK	TR6566	8" OAK	TR6579	8" OAK	TR6592	8" OAK	TR6605	8" OAK	TR6618	8" OAK	TR6631	8" OAK	TR6644	8" OAK	TR6657	8" OAK	TR6670	8" OAK	TR6683	8" OAK	TR6696	8" OAK	TR6709	8" OAK	TR6722	8" OAK	TR6735	8" OAK	TR6748	8" OAK	TR6761	8" OAK	TR6774	8" OAK	TR6787	8" OAK	TR6800	8" OAK	TR6813	8" OAK	TR6826	8" OAK	TR6839	8" OAK	TR6852	8" OAK	TR6865	8" OAK	TR6878	8" OAK	TR6891	8" OAK	TR6904	8" OAK	TR6917	8" OAK	TR6930	8" OAK	TR6943	8" OAK	TR6956	8" OAK	TR6969	

# SKETCH OF SURVEY BOUNDARY & TOPOGRAPHIC SURVEY

MATCH LINE SEE SHEET V-10



NOTE: The undersigned and CRAVEN THOMPSON & ASSOCIATES, INC. make no representations or guarantees as to the information reflected herein pertaining to easements, right-of-way, set back lines, reservations, agreements and other similar matters, and this instrument is not intended to reflect or set forth all such matters. Such information should be obtained and further confirmed by others through appropriate title verification.  
NOTE: Lands shown hereon were not abstracted for right-of-way and/or easements of record.

### ABBREVIATION LEGEND:

- ASPH. ASPHALT
- B.C.R. BROWARD COUNTY RECORDS
- B.M. BENCHMARK
- B.O.S. BOTTOM OF STRUCTURE
- C.B. CATCH BASIN
- C.L. CENTERLINE
- C.L.F. CHAIN LINK FENCE
- CONC. CONCRETE
- C.M.P. CORRUGATE METAL PIPE
- C&G CURB AND GUTTER
- ELEV. ELEVATION
- F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
- FND FOUND
- F.P.&L. FLORIDA POWER AND LIGHT
- HDPE HIGH DENSITY POLYETHYLENE
- I.E. INVERT ELEVATION
- LB. LICENSED BUSINESS
- LS LICENSED SURVEYOR
- MEAS. (M) MEASURED
- N.A.V.D. NORTH AMERICAN VERTICAL DATUM
- N.G.V.D. NATIONAL GEODETIC VERTICAL DATUM
- O.F. OUTFALL
- O.R.B. OFFICIAL RECORDS BOOK
- P.B. PLAT BOOK
- P.G. PAGE
- P.R.M. PERMANENT REFERENCE MONUMENT
- P. POINT
- P.V.C. POLYVINYL CHLORIDE
- R.C.P. REINFORCED CONCRETE PIPE
- R.E. RIM ELEVATION
- R/W RIGHT OF WAY
- SAN. SANITARY
- STMH. STORM
- TRANS. TRANSFORMER
- TYP. TYPICAL
- U.E. UTILITY EASEMENT
- U/G UNDERGROUND
- UNK. UNKNOWN
- UTIL. UTILITY
- W.I.F. WROUGHT IRON FENCE
- W.F. WOOD FENCE
- W. WITH

### CONTROL LEGEND:

- IRON PIPE
- IRON ROD
- M&S NAIL & DISC
- P.R.M. BRASS DISC

### LEGEND:

- ANCHOR
- ROLLBAR
- CABLE / FIBER OPTIC PEDESTAL
- CATCH BASIN
- CONCRETE POWER POLE
- CONCRETE TELEPHONE POLE
- CURB INLET
- CURB INLET PS RIGHT
- CURB INLET PS LEFT
- CURB INLET P6
- DENSE VEGETATION
- ELECTRICAL / CABLE PULL BOX
- ELECTRICAL METER
- FIBER OPTIC PEDESTAL / PULLBOX
- FIRE HYDRANT
- GROUNDING ROD
- MAILBOX
- METAL POST / PIPE
- PALM TREE
- PARKING LIGHT ROUND BULB
- PEDESTRIAN SIGNAL
- PIKE TREE
- PIPE PLUG / STORM OUTFALL
- SHADE TREE
- SIGN (DOUBLE POST)
- SIGN (SINGLE POST)
- STORM MANHOLE
- TELEPHONE PULL BOX
- TRAFFIC CONTROL / CABINET
- TRAFFIC PULL BOX
- TRANSFORMER PAD
- U/G UTILITY MARKER POST
- UNKNOWN MANHOLE
- WOOD POST
- 100' BOTTOM OF BANK
- CHAIN LINK FENCE
- 170' STORM LINE
- 100' TOP OF BANK
- VINYL / WOOD FENCE
- WIRE FENCE
- WROUGHT IRON FENCE
- OVER HEAD WIRES

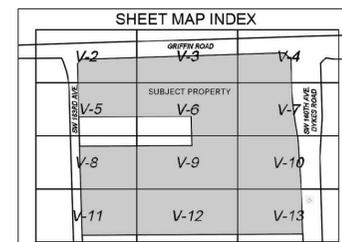
MATCH LINE SEE SHEET V-12



PARCEL B  
SOUTHWEST MEADOWS  
SANCTUARY PLAT  
P.B. 178, PG. 175; B.C.R.

CIRCLES ESTATES  
PB. 183, PG. 468; B.C.R.

TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE	TREE#	TYPE AND SIZE
TR1	12" OAK	TR14	18" BLACK OLIVE	TR27	15" PALM BH-14"	TR40	18" OAK	TR53	4" CREPE MYRTLE	TR66	18" OAK	TR79	4" ALEXANDER PALM BH-20"	TR92	15" BLACK OLIVE	TR105	4" OAK	TR118	8" OAK	TR131	8" OAK	TR144	8" OAK	TR157	8" OAK	TR170	8" OAK	TR183	8" OAK								
TR2	18" OAK	TR15	24" BLACK OLIVE	TR28	4" OAK	TR41	4" CREPE MYRTLE	TR54	4" CREPE MYRTLE	TR67	15" OAK	TR80	4" ALEXANDER PALM BH-15"	TR93	4" MAPLE	TR106	12" OAK	TR119	8" OAK	TR132	8" OAK	TR145	8" OAK	TR158	8" OAK	TR171	8" OAK	TR184	8" OAK								
TR3	18" OAK	TR16	16" ROYAL PALM BH-24"	TR29	18" GUMBO LIMBO	TR42	4" CREPE MYRTLE	TR55	4" CREPE MYRTLE	TR68	12" OAK	TR81	14" GUMBO LIMBO	TR94	4" MAPLE	TR107	8" OAK	TR120	8" OAK	TR133	8" OAK	TR146	8" OAK	TR159	8" OAK	TR172	8" OAK	TR185	8" OAK								
TR4	18" OAK	TR17	18" ROYAL PALM BH-28"	TR30	15" GUMBO LIMBO	TR43	4" CREPE MYRTLE	TR56	4" CREPE MYRTLE	TR69	15" OAK	TR82	10" GUMBO LIMBO	TR95	6" MAPLE	TR108	8" OAK	TR121	8" OAK	TR134	8" OAK	TR147	8" OAK	TR160	8" OAK	TR173	8" OAK	TR186	8" OAK								
TR5	15" OAK	TR18	15" ROYAL PALM BH-28"	TR31	12" GUMBO LIMBO	TR44	4" CREPE MYRTLE	TR57	4" CREPE MYRTLE	TR70	15" OAK	TR83	10" GUMBO LIMBO	TR96	4" BALD CYPRESS	TR109	13" BLACK OLIVE	TR122	8" OAK	TR135	8" OAK	TR148	8" OAK	TR161	8" OAK	TR174	8" OAK	TR187	8" OAK								
TR6	18" OAK	TR19	10" ROYAL PALM BH-16"	TR32	12" GUMBO LIMBO	TR45	4" CREPE MYRTLE	TR58	4" CREPE MYRTLE	TR71	15" OAK	TR84	10" GUMBO LIMBO	TR97	20" BLACK OLIVE	TR110	4" OAK	TR123	8" OAK	TR136	8" OAK	TR149	8" OAK	TR162	8" OAK	TR175	8" OAK	TR188	8" OAK								
TR7	16" OAK	TR20	14" ROYAL PALM BH-24"	TR33	8" GUMBO LIMBO	TR46	4" CREPE MYRTLE	TR59	18" OAK	TR72	8" GUMBO LIMBO	TR85	12" GUMBO LIMBO	TR98	10" BALD CYPRESS	TR111	12" OAK	TR124	8" OAK	TR137	8" OAK	TR150	8" OAK	TR163	8" OAK	TR176	8" OAK	TR189	8" OAK								
TR8	18" OAK	TR21	16" ROYAL PALM BH-24"	TR34	6" GUMBO LIMBO	TR47	4" CREPE MYRTLE	TR60	8" OAK	TR73	12" GUMBO LIMBO	TR86	10" PALM BH-15"	TR99	8" MAPLE	TR112	3" ALEXANDER PALM BH-20"	TR125	8" OAK	TR138	8" OAK	TR151	8" OAK	TR164	8" OAK	TR177	8" OAK	TR190	8" OAK								
TR9	8" OAK	TR22	8" PINE	TR35	10" GUMBO LIMBO	TR48	4" CREPE MYRTLE	TR61	10" OAK	TR74	48" STRANGLER FIG	TR87	10" GUMBO LIMBO	TR100	10" MAPLE	TR113	8" OAK	TR126	8" OAK	TR139	8" OAK	TR152	8" OAK	TR165	8" OAK	TR178	8" OAK	TR191	8" OAK								
TR10	9" COCONUT PALM BH-10"	TR23	12" ROYAL PALM BH-16"	TR36	14" GUMBO LIMBO	TR49	4" CREPE MYRTLE	TR62	14" OAK	TR75	6" QUEEN PALM BH-22"	TR88	10" BLACK OLIVE	TR101	10" MAPLE	TR114	8" OAK	TR127	8" OAK	TR140	8" OAK	TR153	8" OAK	TR166	8" OAK	TR179	8" OAK	TR192	8" OAK								
TR11	8" COCONUT PALM BH-18"	TR24	12" SABAL PALM BH-15"	TR37	22" GUMBO LIMBO	TR50	4" CREPE MYRTLE	TR63	16" OAK	TR76	10" GUMBO LIMBO	TR89	18" BLACK OLIVE	TR102	10" BALD CYPRESS	TR115	10" OAK	TR128	8" OAK	TR141	8" OAK	TR154	8" OAK	TR167	8" OAK	TR180	8" OAK	TR193	8" OAK								
TR12	8" COCONUT PALM BH-18"	TR25	10" ROYAL PALM BH-16"	TR38	14" GUMBO LIMBO	TR51	4" CREPE MYRTLE	TR64	16" OAK	TR77	4" BLACK OLIVE	TR90	32" BLACK OLIVE	TR103	6" BALD CYPRESS	TR116	10" OAK	TR129	8" OAK	TR142	8" OAK	TR155	8" OAK	TR168	8" OAK	TR181	8" OAK	TR194	8" OAK								
TR13	10" COCONUT PALM BH-22"	TR26	12" ROYAL PALM BH-20"	TR39	16" GUMBO LIMBO	TR52	4" CREPE MYRTLE	TR65	18" OAK	TR78	4" ALEXANDER PALM BH-20"	TR91	15" BLACK OLIVE	TR104	38" STRANGLER FIG	TR117	8" OAK	TR130	8" OAK	TR143	8" OAK	TR156	8" OAK	TR169	8" OAK	TR182	8" OAK	TR195	8" OAK								

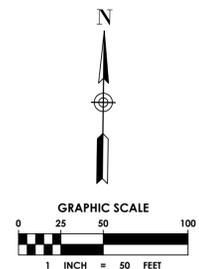
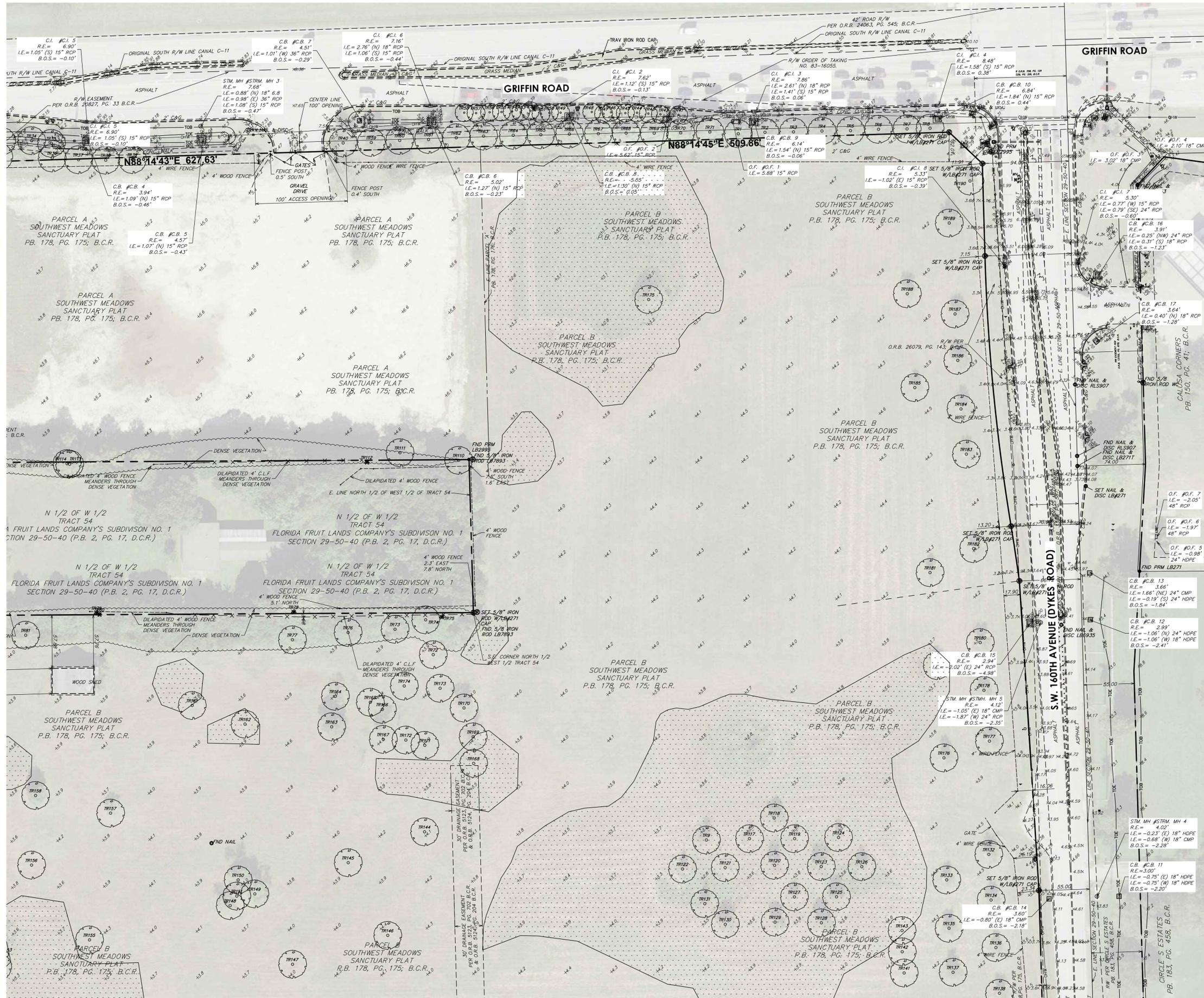


DESCRIPTION:	BY:	DATE:	DESCRIPTION:	BY:	DATE:	DATE:	7-28-22	CHECKED BY:	RDP	<b>CRAVEN THOMPSON AND ASSOCIATES, INC.</b> ENGINEERS PLANNERS SURVEYORS 3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309 TEL: (954) 739-6409 FAX: (954) 739-6409 FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271 FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0000114 COPYRIGHT 2023.	<b>BOUNDARY &amp; TOPOGRAPHIC SURVEY</b>		PROJECT NO.	SHEET NAME
ADDED TREE CHART AND LABELS	JDR	6/21/23				SCALE:	1" = 20'	FIELDBOOK:			<b>SOUTHWEST MEADOWS SANCTUARY</b>		22-0043-001-01	<b>V-13</b>
						DRAWN BY:	JDR/JM	PAGE(S):			PREPARED FOR:			
											<b>TOWN OF SW RANCHES, FLORIDA</b>			SHEET 13 OF 13

THIS DRAWING WAS NOT PLOTTED BY THE SURVEY DEPARTMENT



Plot Date: 9/10/2024 6:56:11 PM Username: Jfamo Layout Name: ECD-1  
 Folder Path: V:\Projects\2023\23-0430.00031 - sw meadows park restroom and site improv\Design\CAD\Sheets File name: 23-0430.00031 Demolition Plan.dwg



NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CD	11/10/2023
3	PERMIT/BID SET	09/09/2024

CONSULTANT:  
 SW Meadows Sanctuary Improvements  
 SW 163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-5825 FAX: (954) 337-0559  
 AA 22600085 WWW.CPZARCHITECTS.COM



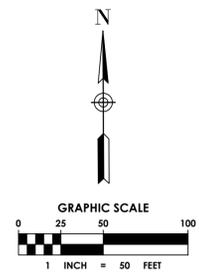
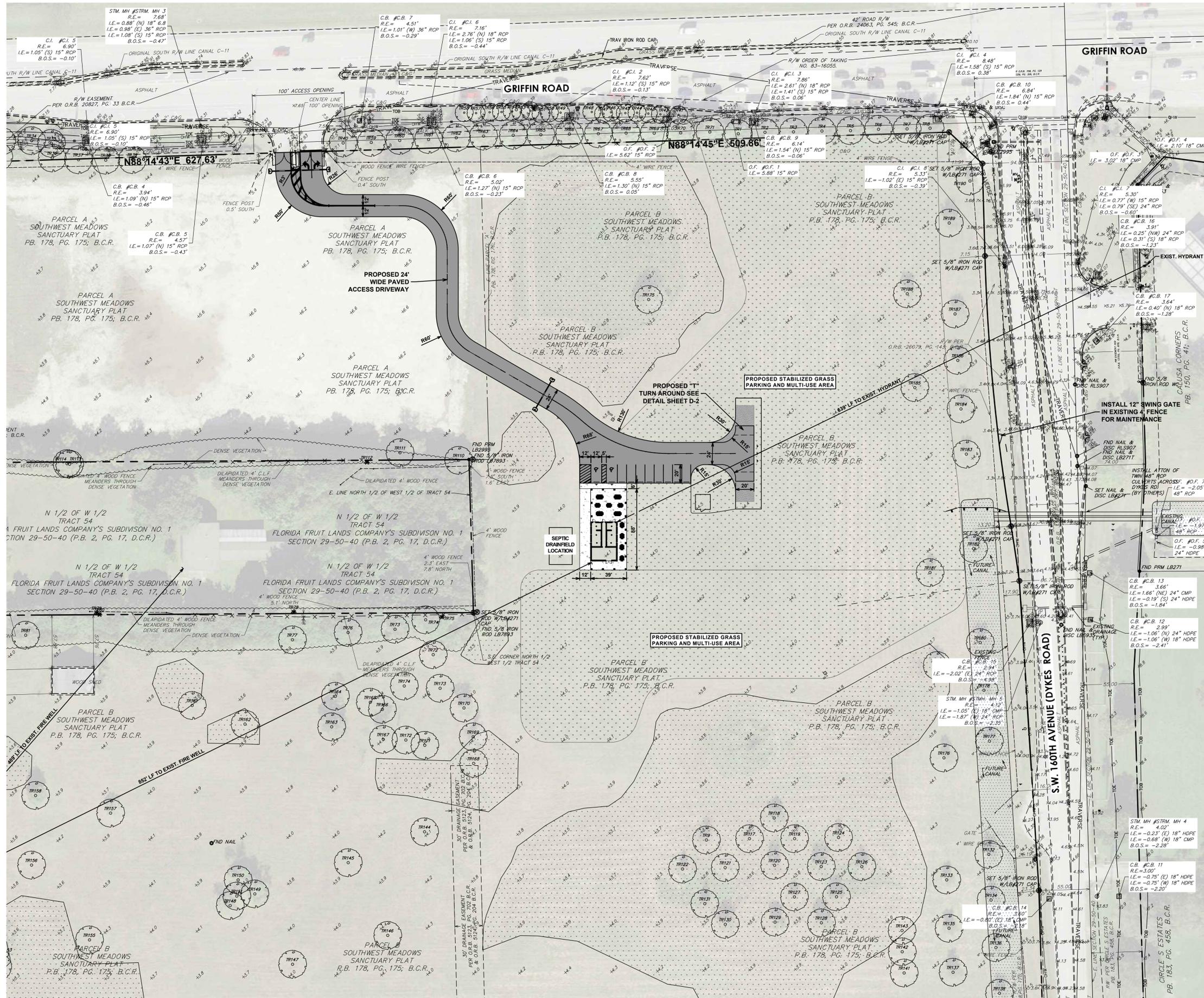
DRAWING TITLE:  
 EXISTING CONDITION AND DEMOLITION PLAN  
 DRAWN: JT  
 CHECKED: JB  
 DATE: 09/06/24  
 SCALE: As indicated  
 PROJECT NO: 23-0430  
 SHEET:

**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1989 (NAVD89)  
 CONVERSION FACTOR:  
 NAVD88 + 1.56 = NGVD29 IN THIS AREA

JOEL PETER BROWNSEY  
 REGISTRATION NO. 86466  
 STATE OF FLORIDA

ECD-1

DATE:



**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1989 (NAVD89)  
 CONVERSION FACTOR:  
 NAVD88 + 1.56 = NGVD29 IN THIS AREA

**JOEL PETER BROWNSEY**  
 REGISTRATION NO. 86466  
 STATE OF FLORIDA

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CD	11/10/2023
3	PERMIT/BID SET	09/06/2024

CONSULTANT:  
**CPZ ARCHITECTS, INC.**  
 SW 163rd Avenue, Southwest Ranches, FL 33331

**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-5825 FAX: (954) 337-0559  
 AA 22600085 WWW.CPZARCHITECTS.COM



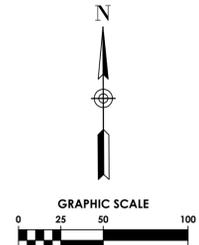
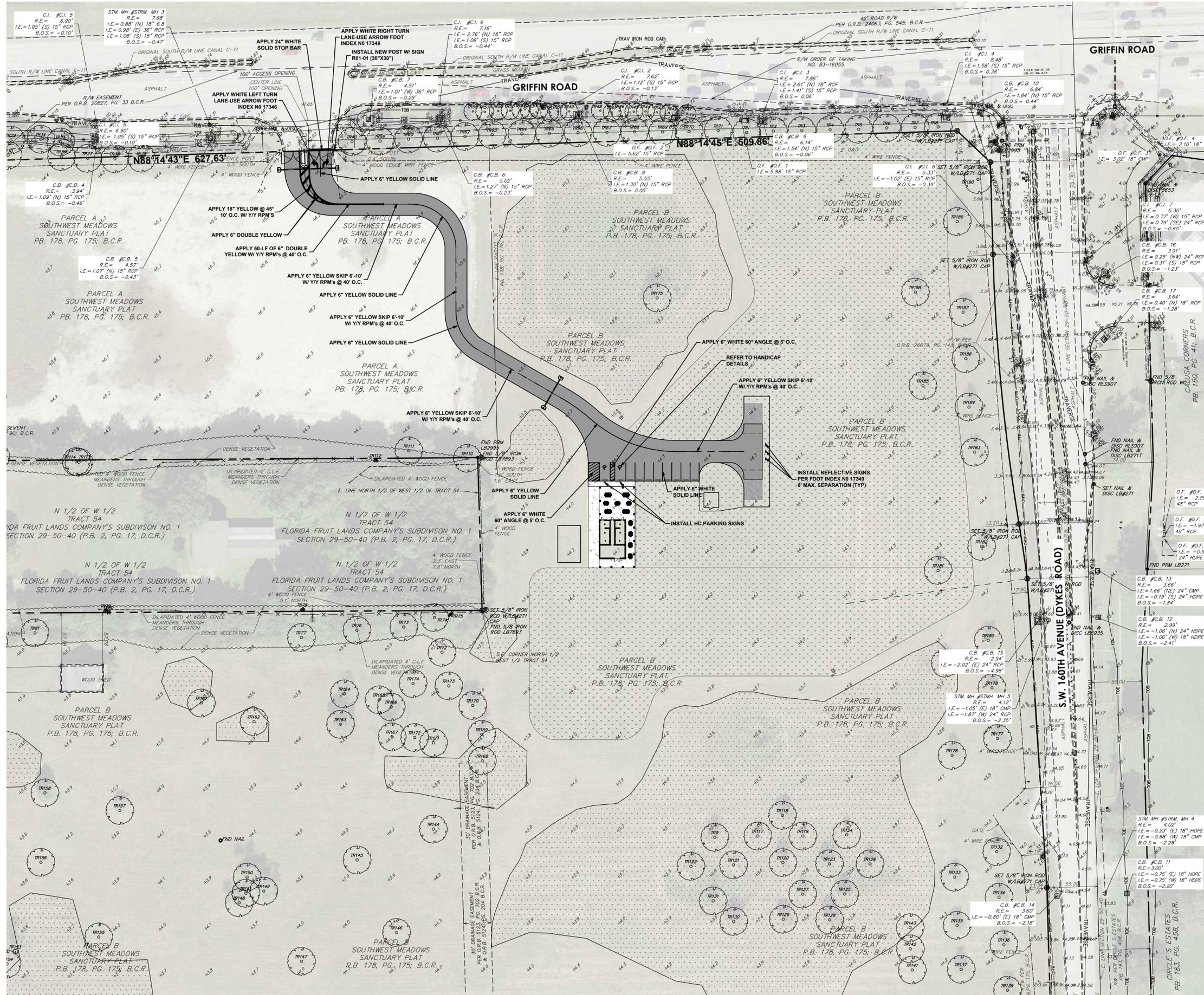
DRAWING TITLE:  
 GEOMETRIC SITE PLAN  
 PERMIT/BID SET  
 DRAWN: JT  
 CHECKED: JB  
 DATE: 09/06/24  
 SCALE: As indicated  
 PROJECT NO: 23-0430  
 SHEET:

**G-1**

DATE:







**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1989 (NAVD88)  
 CONVERSION FACTOR:  
 NAVD88 + 1.56 = NGVD29 IN THIS AREA

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CDR	11/10/2023
3	PERMIT/BID SET	09/06/2024

CONSULTANT:  
**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-5825 FAX: (954) 337-0559  
 AA 22600085 WWW.CPZARCHITECTS.COM

**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-5825 FAX: (954) 337-0559  
 AA 22600085 WWW.CPZARCHITECTS.COM



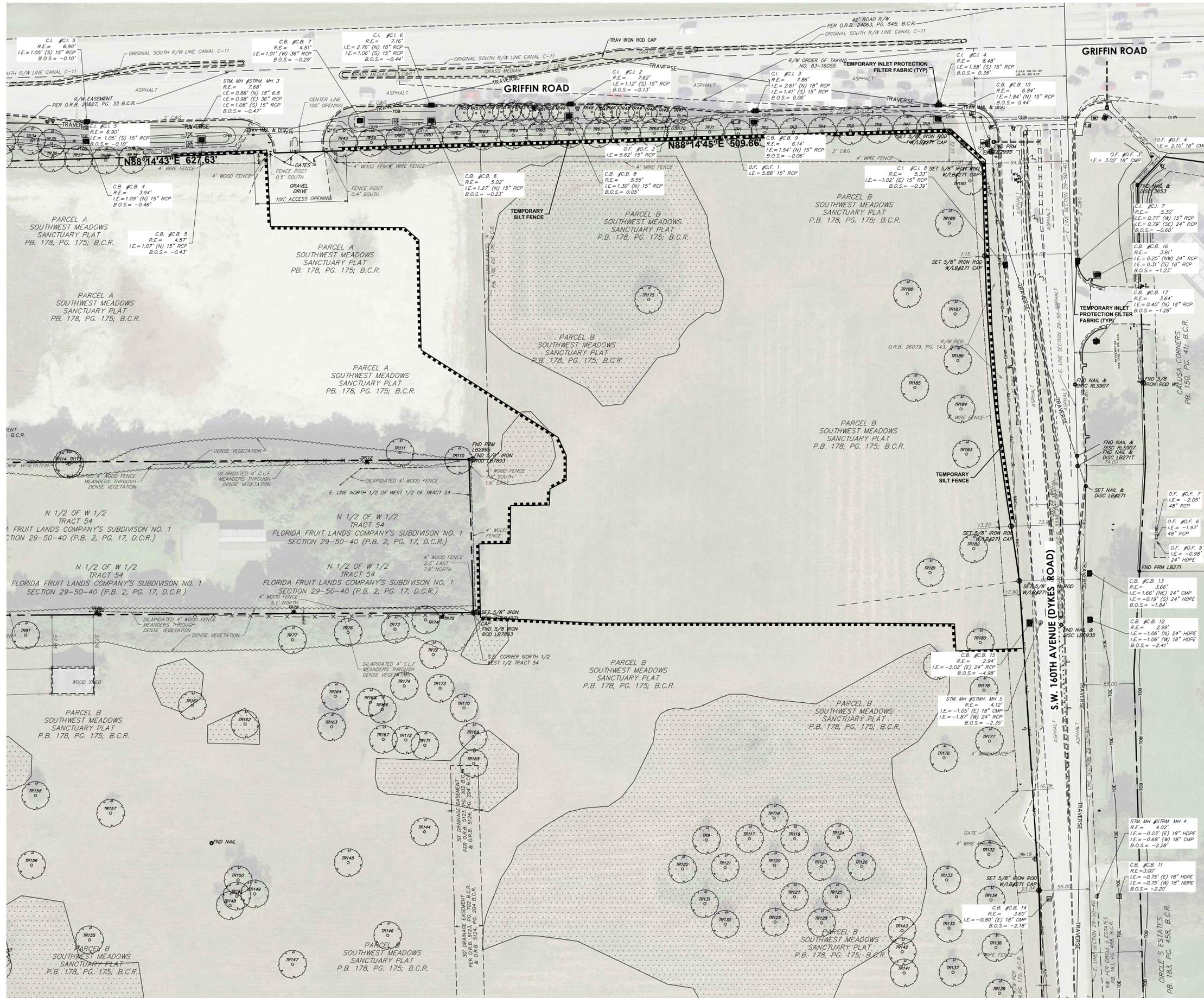
DRAWING TITLE:  
 SIGNING AND MARKING PLAN  
 DRAWN: JT  
 CHECKED: JB  
 DATE: 09/06/24  
 SCALE: As indicated  
 PROJECT NO 23-0430  
 SHEET:

**JOEL PETER BROWNE**  
 REGISTRATION NO. 86466  
 STATE OF FLORIDA

**SM-1**

DATE:

Plot Date: 9/10/2024 6:58:56 PM Username: J.Tamo Layout Name: SWP-1  
 Folder Path: V:\Projects\2023\23-0430.00031 - sw meadows park restroom and site improv\CAD\Sheets File name: 23-0430.00031 Storm Water Pollution Plan.dwg



**VERTICAL DATUM INFORMATION**  
 ALL ELEVATIONS SHOWN ARE IN NORTH AMERICAN VERTICAL DATUM OF 1989 (NAVD89)  
 CONVERSION FACTOR:  
 NAVD88 + 1.56 = NGVD29 IN THIS AREA

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% Cdn	11/10/2023
3	PERMIT/BID SET	09/09/2024

CONSULTANT:  
**CPZ ARCHITECTS, INC.**  
 SW 163rd Avenue, Southwest Ranches, FL 33331

**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-5825 FAX: (954) 337-0559  
 AA 22600085 WWW.CPZARCHITECTS.COM

DRAWING TITLE:  
 SWPP PLAN  
 DRAWN: JT  
 CHECKED: JB  
 DATE: 09/06/24  
 SCALE: As indicated  
 PROJECT NO: 23-0430  
 SHEET:

**SWP-1**

DATE:



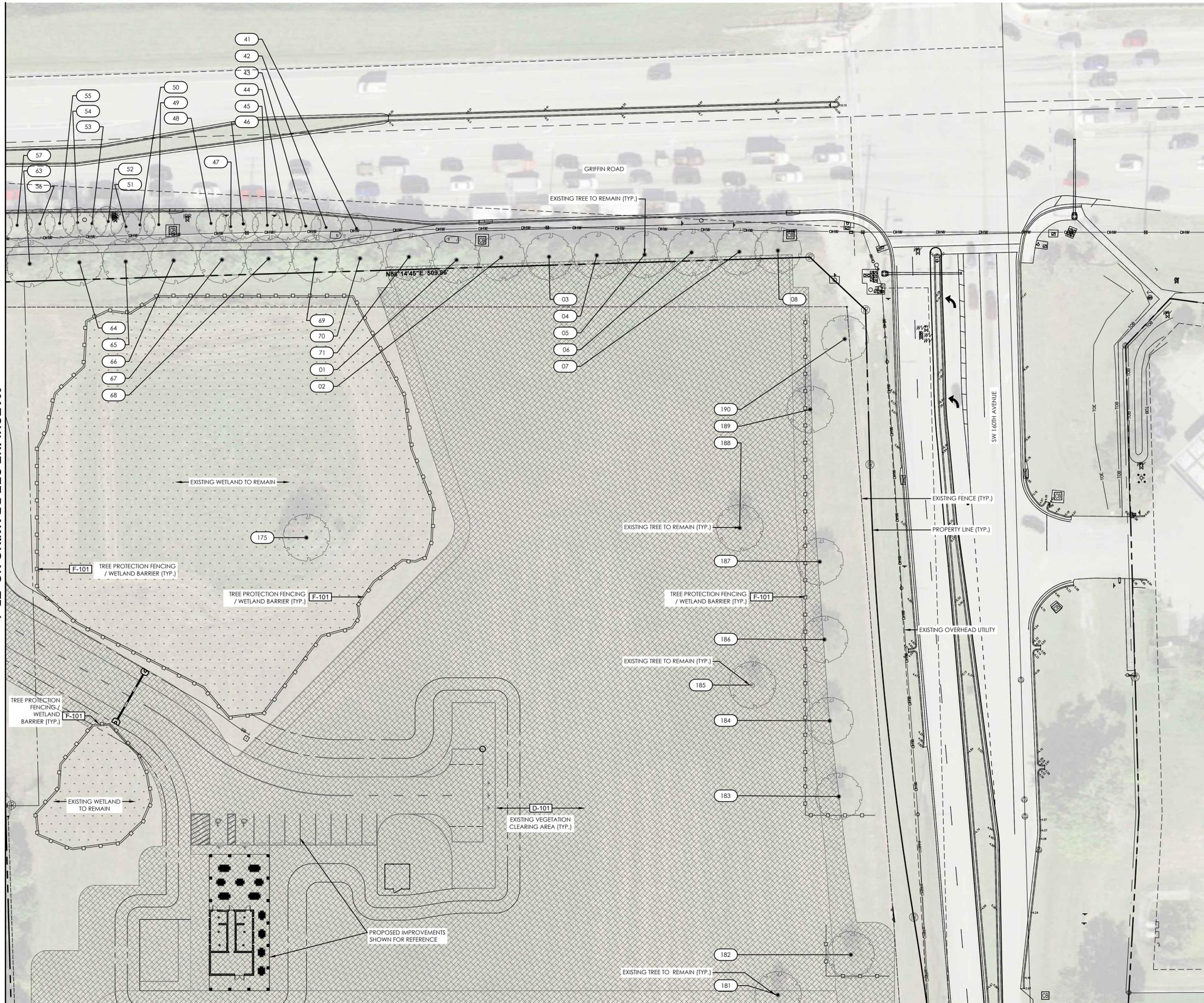




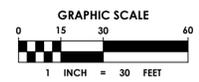


Plot Date: 9/4/2024 4:27:45 PM Username: bbourgault Layout Name: TD-2  
 Folder Path: V:\Projects\2023\23-0430.00031 - SW Meadows Park Restroom and Site Improv\Design\CAD\Sheets Filename: 23-0430.00031 Tree Disposition Plan.dwg

MATCHLINE SEE DRAWING NO. TD-1



MATCHLINE SEE DRAWING NO. TD-4



**REFERENCE NOTES SCHEDULE**

SYMBOL	DEMOLITION DESCRIPTION	QTY
D-101	LIMITS OF CLEARING SOD/VEGETATION REMOVAL	262,970 sf
SYMBOL	FENCE DESCRIPTION	QTY
F-101	TREE PROTECTION FENCING/WETLAND BARRIER	2,429 lf

**LEGEND**

SYMBOL	DESCRIPTION
(Circle with dot)	EXISTING TREE TO REMAIN
(Circle with X)	EXISTING TREE TO BE REMOVED
(Circle with #)	TREE TAG

NOTE: ALL DISTURBED AREAS SHALL BE GRASSED/SODDED WITH PASPALUM NOTATUM 'ARGENTINE'/BAHIA GRASS

NOTE: TREES SHOWN WITH OUT ID TAG ARE OUTSIDE OF PROJECT LIMITS/ANTICIPATED WORK AREA AND WERE NOT INVENTORIED OR INCLUDED WITH THE TREE INVENTORY CHART PROVIDED.

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CD	11/02/2023
3	PERMIT/BID SET	09/09/2024

SWR MEADOWS SANCTUARY IMPROVEMENTS  
 SW 163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 337-0559  
 AA 72600085 WWW.CPZARCHITECTS.COM



DRAWING TITLE:  
 TREE DISPOSITION PLAN

PERMIT/BID SET

DRAWN: EH  
 CHECKED: EH  
 DATE: 03/01/24  
 SCALE: As indicated  
 PROJECT NO. 23-0430  
 SHEET:

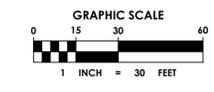
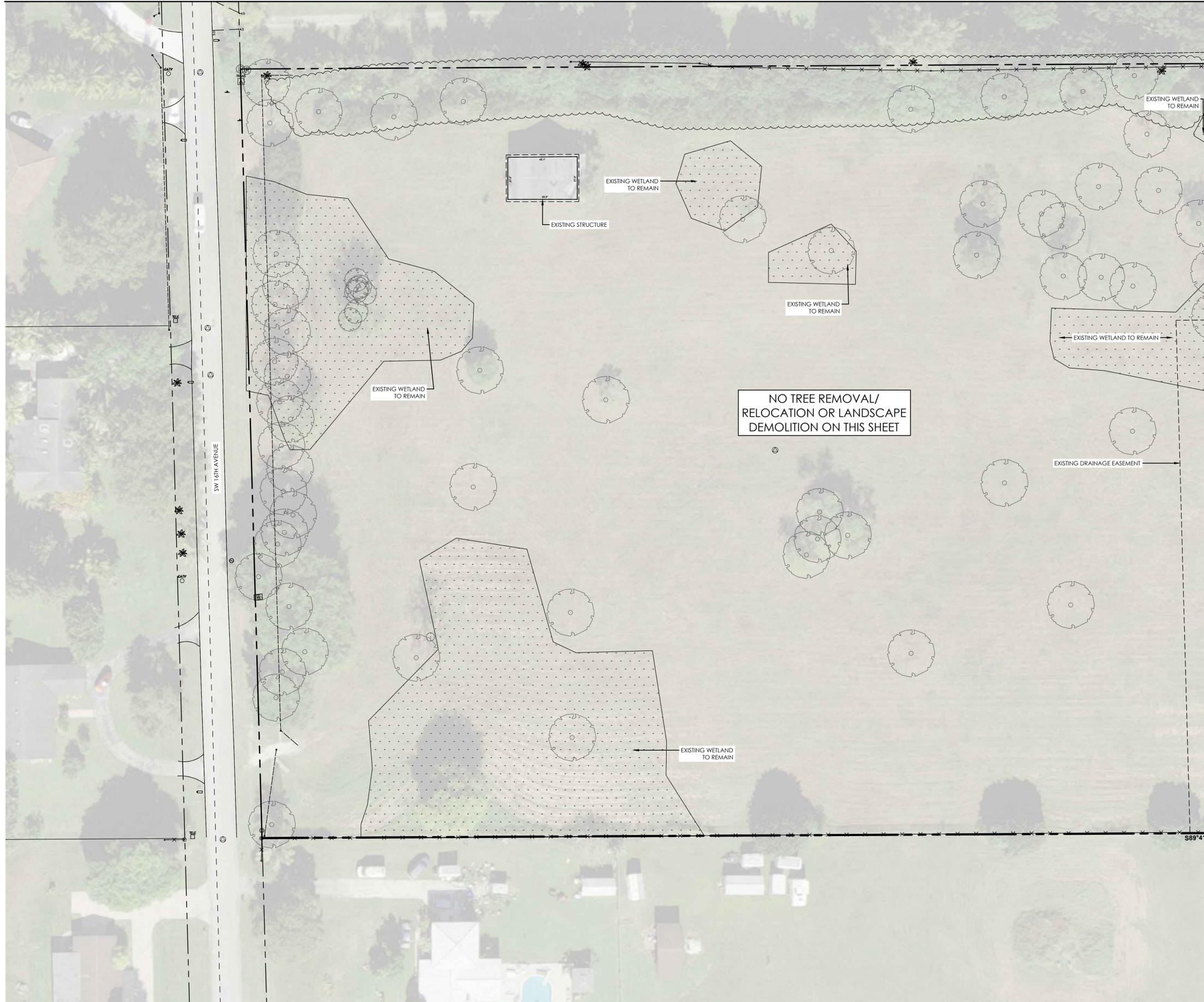
ERIC HARRISON  
 REGISTRATION NO. 6667129  
 STATE OF FLORIDA

DATE: 2/26/2024

TD-2

Plot Date: 9/4/2024 4:27:47 PM Username: bbourgault Layout Name: TD-3  
 Folder Path: V:\Projects\2023\23-0430.00031 - SW Meadows Park Restroom and Site Improv\Design\CAD\Sheets Filename: 23-0430.00031 Tree Disposition Plan.dwg

MATCHLINE SEE DRAWING NO. TD-1



REFERENCE NOTES SCHEDULE

SYMBOL	DEMOLITION DESCRIPTION	QTY
D-101	LIMITS OF CLEARING SOD/VEGETATION REMOVAL	262,970 sf
SYMBOL	FENCE DESCRIPTION	QTY
F-101	TREE PROTECTION FENCING/WETLAND BARRIER	2,429 lf

LEGEND

SYMBOL	DESCRIPTION
(•)	EXISTING TREE TO REMAIN
(X)	EXISTING TREE TO BE REMOVED
(##)	TREE TAG

NOTE: ALL DISTURBED AREAS SHALL BE GRASSED/SODDED WITH PASPALUM NOTATUM 'ARGENTINE'/BAHIA GRASS

NOTE: TREES SHOWN WITH OUT ID TAG ARE OUTSIDE OF PROJECT LIMITS/ANTICIPATED WORK AREA AND WERE NOT INVENTORIED OR INCLUDED WITH THE TREE INVENTORY CHART PROVIDED.

MATCHLINE SEE DRAWING NO. TD-4

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CDR	11/10/2023
3	PERMIT/BID SET	09/06/2024

SWR MEADOWS SANCTUARY IMPROVEMENTS  
 SW 163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 337-0559  
 AA 72600085 WWW.CPZARCHITECTS.COM



DRAWING TITLE:  
 TREE DISPOSITION PLAN  
 DRAWN: EH  
 CHECKED: EH  
 DATE: 03/01/24  
 SCALE: As indicated  
 PROJECT NO. 23-0430  
 SHEET:

ERIC HARRISON  
 REGISTRATION NO. 6667129  
 STATE OF FLORIDA

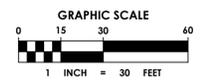
DATE: 2/26/2024

TD-3

Plot Date: 9/4/2024 4:27:44 PM Username: bbourgault Layout Name: TD-4  
 Folder Path: V:\Projects\2023\23-0430.00031 - SW Meadows Park Restroom and Site Improv\Design\CAD\Sheets Filename: 23-0430.00031 Tree Disposition Plan.dwg

MATCHLINE SEE DRAWING NO. TD-2

MATCHLINE SEE DRAWING NO. TD-3



**REFERENCE NOTES SCHEDULE**

SYMBOL	DEMOLITION DESCRIPTION	QTY
D-101	LIMITS OF CLEARING SOD/VEGETATION REMOVAL	262,970 sf
SYMBOL	FENCE DESCRIPTION	QTY
F-101	TREE PROTECTION FENCING/WETLAND BARRIER	2,429 lf

**LEGEND**

SYMBOL	DESCRIPTION
(Circle with dot)	EXISTING TREE TO REMAIN
(Circle with X)	EXISTING TREE TO BE REMOVED
(Circle with ##)	TREE TAG

NOTE: ALL DISTURBED AREAS SHALL BE GRASSED/SODDED WITH PASPALUM NOTATUM 'ARGENTINE/BAHIA GRASS'

NOTE: TREES SHOWN WITH OUT ID TAG ARE OUTSIDE OF PROJECT LIMITS/ANTICIPATED WORK AREA AND WERE NOT INVENTORIED OR INCLUDED WITH THE TREE INVENTORY CHART PROVIDED.

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CD	11/10/2023
3	PERMIT/BID SET	09/06/2024

SWR MEADOWS SANCTUARY IMPROVEMENTS  
 SW 163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 337-0559  
 AA 72600085 WWW.CPZARCHITECTS.COM



DRAWING TITLE:  
 TREE DISPOSITION PLAN

PERMIT/BID SET

DRAWN: EH  
 CHECKED: EH  
 DATE: 03/01/24  
 SCALE: As indicated  
 PROJECT NO. 23-0430  
 SHEET:

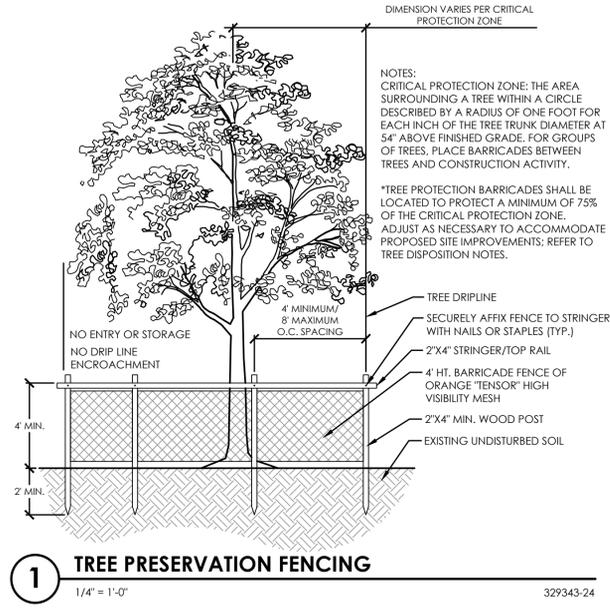
ERIC HARRISON  
 REGISTRATION NO. 6667129  
 STATE OF FLORIDA

TD-4

DATE: 2/26/2024

**EXISTING TREE INVENTORY**

Tree ID	Common Name	Botanical Name	Canopy Diameter (ft)	Canopy Spread (Area)	DBH (inches)	Disposition	Canopy Spread (Area) To Be Removed	Canopy Spread (Specimen Tree Area) To Be Removed	CONDITION RATING	Notes		
1	Live Oak	<i>Quercus virginiana</i>	28	617	12	REMAIN						
2	Live Oak	<i>Quercus virginiana</i>	35	963	18	REMAIN						
3	Live Oak	<i>Quercus virginiana</i>	34	909	18	REMAIN						
4	Live Oak	<i>Quercus virginiana</i>	31	756	18	REMAIN						
5	Live Oak	<i>Quercus virginiana</i>	26	532	15	REMAIN						
6	Live Oak	<i>Quercus virginiana</i>	24	453	18	REMAIN						
7	Live Oak	<i>Quercus virginiana</i>	30	708	16	REMAIN						
8	Live Oak	<i>Quercus virginiana</i>	27	573	16	REMAIN						
40	Live Oak	<i>Quercus virginiana</i>	27	573	16	REMAIN						
41	Crepe Myrtle	<i>Lagerstroemia indica</i>	15	177	4	REMAIN						
42	Crepe Myrtle	<i>Lagerstroemia indica</i>	15	177	4	REMAIN						
43	Crepe Myrtle	<i>Lagerstroemia indica</i>	17	227	4	REMAIN						
44	Crepe Myrtle	<i>Lagerstroemia indica</i>	12	113	4	REMAIN						
45	Crepe Myrtle	<i>Lagerstroemia indica</i>	13	133	4	REMAIN						
46	Crepe Myrtle	<i>Lagerstroemia indica</i>	15	177	4	REMAIN						
47	Crepe Myrtle	<i>Lagerstroemia indica</i>	16	201	4	REMAIN						
48	Crepe Myrtle	<i>Lagerstroemia indica</i>	14	154	4	REMAIN						
49	Crepe Myrtle	<i>Lagerstroemia indica</i>	13	133	4	REMAIN						
50	Crepe Myrtle	<i>Lagerstroemia indica</i>	18	255	4	REMAIN						
51	Crepe Myrtle	<i>Lagerstroemia indica</i>	15	177	4	REMAIN						
52	Crepe Myrtle	<i>Lagerstroemia indica</i>	8	50	4	REMAIN						
53	Crepe Myrtle	<i>Lagerstroemia indica</i>	14	154	4	REMAIN						
54	Crepe Myrtle	<i>Lagerstroemia indica</i>	11	95	4	REMAIN						
55	Crepe Myrtle	<i>Lagerstroemia indica</i>	12	113	4	REMAIN						
56	Crepe Myrtle	<i>Lagerstroemia indica</i>	11	95	4	REMAIN						
57	Crepe Myrtle	<i>Lagerstroemia indica</i>	16	201	4	REMAIN						
58	Crepe Myrtle	<i>Lagerstroemia indica</i>	12	113	4	REMAIN						
59	Live Oak	<i>Quercus virginiana</i>	25	492	18	REMAIN						
60	Live Oak	<i>Quercus virginiana</i>	24	453	8	REMAIN						
61	Live Oak	<i>Quercus virginiana</i>	35	963	16	REMAIN						
62	Live Oak	<i>Quercus virginiana</i>	30	708	14	REMAIN						
63	Live Oak	<i>Quercus virginiana</i>	26	532	16	REMAIN						
64	Live Oak	<i>Quercus virginiana</i>	31	756	18	REMAIN						
65	Live Oak	<i>Quercus virginiana</i>	30	708	18	REMAIN						
66	Live Oak	<i>Quercus virginiana</i>	34	909	18	REMAIN						
67	Live Oak	<i>Quercus virginiana</i>	33	856	15	REMAIN						
68	Live Oak	<i>Quercus virginiana</i>	28	617	12	REMAIN						
69	Live Oak	<i>Quercus virginiana</i>	38	1136	15	REMAIN						
70	Live Oak	<i>Quercus virginiana</i>	32	805	15	REMAIN						
71	Live Oak	<i>Quercus virginiana</i>	40	1258	15	REMAIN						
175	Live Oak	<i>Quercus virginiana</i>	35	963	8	REMAIN						
180	Live Oak	<i>Quercus virginiana</i>	17	227	8	REMAIN						
181	Live Oak	<i>Quercus virginiana</i>	18	255	8	REMAIN						
182	Live Oak	<i>Quercus virginiana</i>	18	255	8	REMAIN						
183	Live Oak	<i>Quercus virginiana</i>	14	154	8	REMAIN						
184	Live Oak	<i>Quercus virginiana</i>	19	284	8	REMAIN						
185	Live Oak	<i>Quercus virginiana</i>	14	154	8	REMAIN						
186	Live Oak	<i>Quercus virginiana</i>	21	347	8	REMAIN						
187	Live Oak	<i>Quercus virginiana</i>	18	255	8	REMAIN						
188	Live Oak	<i>Quercus virginiana</i>	16	201	8	REMAIN						
189	Live Oak	<i>Quercus virginiana</i>	25	492	8	REMAIN						
190	Live Oak	<i>Quercus virginiana</i>	13	133	8	REMAIN						
<b>TOTAL TREE CANOPY AREA TO BE REMOVED &amp; MITIGATED</b>												
<b>TOTAL TREES TO BE REMOVED</b>												<b>0</b>



**1 TREE PRESERVATION FENCING**  
1/4" = 1'-0" 329343-24

NOTE: ALL DISTURBED AREAS SHALL BE GRASSED/SODDED WITH PASPALUM NOTATUM 'ARGENTINE'/BAHIA GRASS

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CD	11/02/2023
3	PERMIT/BID SET	06/06/2024

CONSULTANT:

Plot Date: 9/4/2024 4:27:47 PM Username: bbourgault Layout Name: TD-5 Folder Path: V:\Projects\2023\23-0430-00031 - SW Meadows Park Restroom and Site Improvement\Design\CAD\Sheets Filename: 23-0430-00031\_Tree Disposition Plan.dwg

**SWR MEADOWS SANCTUARY IMPROVEMENTS**  
 SW 163rd Avenue, Southwest Ranches, FL 33331  
**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 337-0559  
 AA 72600085 WWW.CPZARCHITECTS.COM



DRAWING TITLE:  
TREE DISPOSITION PLAN

PERMIT/BID SET

DRAWN: EH  
CHECKED: EH  
DATE: 03/01/24  
SCALE: As indicated  
PROJECT NO. 23-0430  
SHEET:

**ERIC HARRISON**  
REGISTRATION NO. 6667129  
STATE OF FLORIDA

**TD-5**

DATE: 2/26/2024



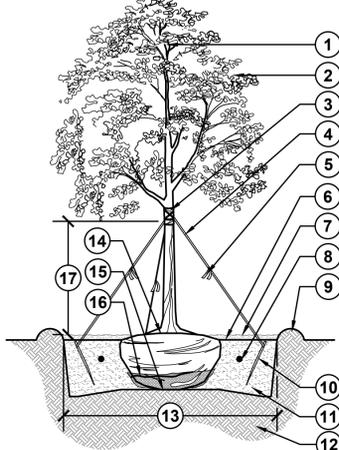






- CALIPER MEASUREMENTS NOTES:**
- CALIPER MEASUREMENT IS 6" FROM TOP OF ROOT BALL FOR TREES WITH 4" CALIPER OR LESS.
  - CALIPER MEASUREMENT IS 12" FROM TOP OF ROOT BALL FOR TREES WITH 6" CALIPER GREATER.

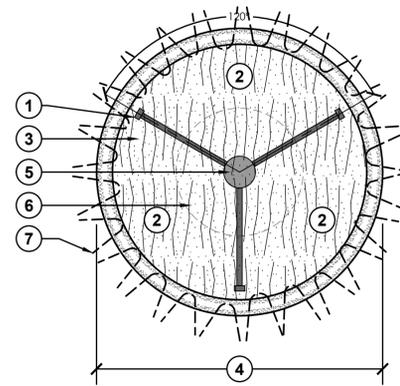
REFER TO PLANT SCHEDULE FOR INDIVIDUAL SIZES.



- DO NOT PRUNE CENTRAL LEADER
- PRUNE DAMAGED OR DEAD WOOD IMMEDIATELY PRIOR TO PLANTING USING ACCEPTABLE NURSERY PRACTICES OR AS DIRECTED BY THE LANDSCAPE ARCHITECT
- PROTECT TRUNK WITH 3 LAYERS OF BURLAP MINIMUM
- 1" WIDE MIN. NYLON STRAPPING AT EQUAL SPACING (3 PER TREE) GUY WIRES SHALL NOT TO BE USED
- FLUORESCENT MARKING FLAG
- FINISH GRADE
- 3" LAYER OF SPECIFIED MULCH; DO NOT INSTALL WITHIN 3" OF TREE TRUNK
- FERTILIZER TABLET IF APPLICABLE
- CONSTRUCT TEMPORARY 3" WATERING BASIN
- 2"x4"x8" STAKE; SET 2" BELOW FINISH GRADE
- SPECIFIED SOIL MIX
- EXISTING SOIL
- 2X DIAMETER OF THE ROOTBALL
- SET CROWN OF ROOT BALL SLIGHTLY ABOVE SURROUNDING FINISH GRADE. REMOVE TOP 2/3 OF BURLAP FROM ROOTBALL. TRUNK TAPER SHALL BE VISIBLE AT TIME OF INSTALLATION
- SET ROOTBALL ON UNDISTURBED SOIL
- REMOVE TOP 2/3 OF BURLAP/WIRE BASKET FROM ROOTBALL
- CLEAR TRUNK; REFER TO PLANT SCHEDULE

**1 LARGE TREE PLANTING: 2" CALIPER AND GREATER**

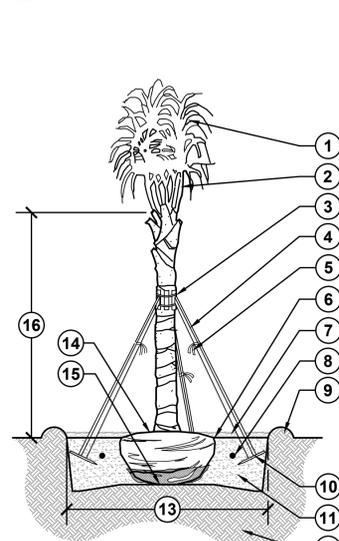
1/4" = 1'-0" 32 9301-17



- 2"x4" WOOD BRACE AT EQUAL SPACING (3 PER TREE)
- 3" LAYER OF SPECIFIED MULCH; DO NOT INSTALL WITHIN 3" OF TREE TRUNK
- CONSTRUCT TEMPORARY 3" WATERING BASIN
- 2X DIAMETER OF THE ROOTBALL.
- TREE TRUNK
- ROOTBALL
- TREE CANOPY

**2 LARGE TREE STAKING DETAIL**

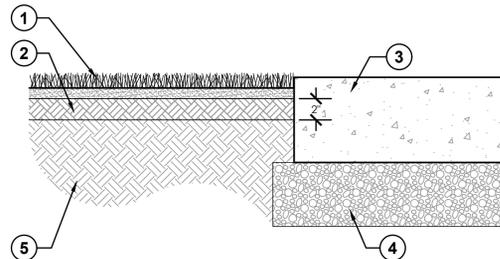
3/8" = 1'-0" 32 9301-22



- DO NOT HURRICANE CUT FRONDS
- UNITE FRONDS PRIOR TO INSPECTION
- METAL STRAPS SECURING 2"x4" WOOD BATTENS, MIN. 5 LAYERS BURLAP, TOE NAIL BRACES TO 2"x4" WOOD BATTENS; DO NOT NAIL STAKES DIRECTLY TO TRUNK
- 2"x4" WOOD BRACE AT EQUAL SPACING (3 PER TREE)
- 1/2"x2" FLUORESCENT MARKER
- FINISH GRADE
- 3" LAYER OF SPECIFIED MULCH; DO NOT INSTALL WITHIN 3" OF TREE TRUNK
- FERTILIZER TABLET IF APPLICABLE
- CONSTRUCT TEMPORARY 3" WATERING BASIN
- 2"x4"x8" STAKE; SET 2" BELOW FINISH GRADE
- BACKFILL WITH SPECIFIED SOIL MIX
- EXISTING SOIL
- 2X DIAMETER OF THE ROOTBALL
- SET CROWN OF ROOT BALL 0'-2" ABOVE SURROUNDING FINISH GRADE. REMOVE TOP 2/3 OF BURLAP FROM ROOTBALL. TRUNK TAPER SHALL BE VISIBLE AT TIME OF INSTALLATION
- SET ROOTBALL ON UNDISTURBED SOIL
- CLEAR TRUNK; REFER TO PLANT SCHEDULE

**3 SABAL PALM PLANTING**

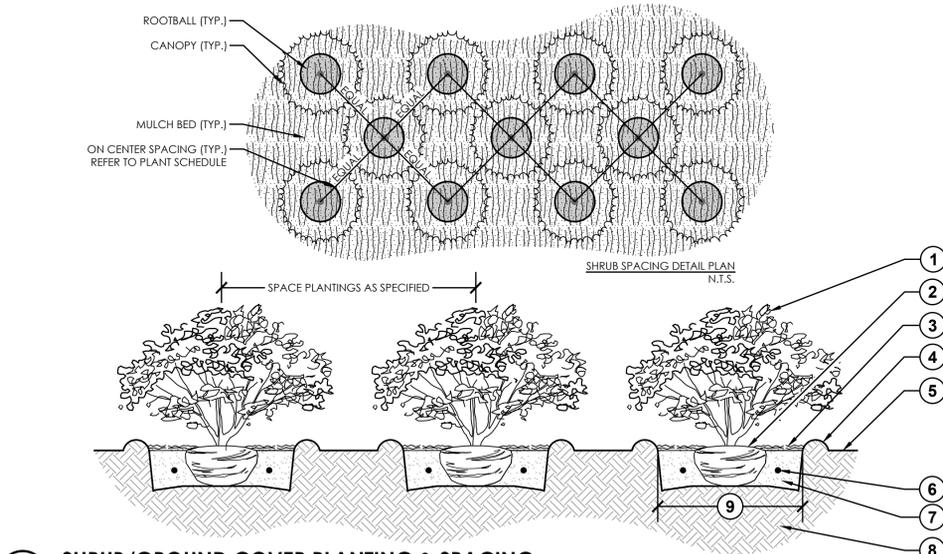
1/4" = 1'-0" 32 9301-21



- SOD (AS SPECIFIED)
- PLANTING MIX: 80% SILICA SAND, 20% ORGANIC
- SIDEWALK OR CURB
- SUB-BASE
- NATIVE SOIL

**4 SOD PLANTING**

1 1/2" = 1'-0" 32 9301-03



- PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION; AFTER PLANTS HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY
- SET CROWN OF ROOT SLIGHTLY ABOVE SURROUNDING FINISH GRADE; TRUNK TAPER SHALL BE VISIBLE AT TIME OF INSTALLATION
- 3" LAYER OF SPECIFIED MULCH; DO NOT INSTALL WITHIN 3" OF TREE TRUNK
- CONSTRUCT TEMPORARY 3" WATERING BASIN
- FINISH GRADE
- FERTILIZER TABLET IF APPLICABLE.
- BACKFILL WITH SPECIFIED SOIL MIX
- EXISTING SOIL
- 2X DIAMETER OF THE ROOTBALL

**5 SHRUB/GROUND COVER PLANTING & SPACING**

1" = 1'-0" 32 9301-08

**LANDSCAPE TABULATIONS**

Zoning District: OSR (RECREATION & OPEN SPACE)		281,189				Notes	
Landscape Project Limits	281,189						Stabilized sod areas not included with the pervious area calculations to meet the minimum landscape requirements.
Pervious Area	55,506						
Impervious Area	217,294						
Percent of Site in Nonvehicular Open Space (NOS/percent)	87%						
	Area/Length	Required	Provided	Existing Trees	Relocated		Notes
<b>Section 075-070 Nonresidential perimeter and vehicular use area landscape requirements</b>							
<b>B. VUA's abutting a street line.</b>							
A landscape strip of land at least fifteen (15) feet in depth measured inward from the abutting street line towards the VUA shall be provided							
1	The landscape strip shall contain one (1) tree for each thirty (30) lineal feet of street line frontage or fraction thereof	15'	15'				
	Griffin Road	682	23		23		
	SW 160th Avenue	477	16	2	15		
A hedge, berm, wall or other opaque, durable landscape barrier, as determined by the town, shall be placed along the inside perimeter of such landscape strip, and shall be maintained at a height of three (3) feet above the VUA pavement surface to meet CPTED principles							
2							
	Griffin Road	682		N/A			Existing Condition/Soil Vegetated Buffer
	SW 160th Avenue	501					
<b>C. VUA's abutting an interior nonresidential plot line</b>							
A landscape strip of land, at least ten (10) feet in depth shall be provided, measured inward from the plot lines towards the VUA, shall be landscaped.							
1	The landscape strip shall contain one (1) tree for each thirty (30) lineal feet or fraction thereof.		N/A				
3	A hedge, berm, wall or other durable and opaque landscape barrier, as determined by the town, shall be placed within the landscape strip and shall be maintained at a maximum height of three (3) feet from the established grade to meet CPTED principles		N/A				
4	The remainder of the required landscape area shall be landscaped with turfgrass, groundcover or other landscape treatment, excluding paving. This buffer may not be counted toward meeting the interior landscape requirements.						
<b>J. Parking area interior landscaping</b>							
3	There shall be a minimum of one (1) tree planted for every landscaped area, and in no instance shall there be less than one (1) tree and three (3) shrubs for each two hundred (200) square feet, or fraction thereof, of required interior landscaped area.	2,241	12	9			VUA does not include stabilized sod area for multipurpose use. VUA = 22,409 SF. 34 Required Shrubs. Total 362 shrubs provided within site.
<b>Section 075-100 Nonvehicular Open Space</b>							
<b>A.</b> All nonvehicular open space on any site except residential plots, which are governed by section 075-110, "Single-family requirements," shall conform to the following requirements:							
1	Each structure shall be treated with landscaping to enhance the appearance of the structure and to screen any unattractive or unsightly appearance, with a minimum of twenty (20) percent of the front of the structure being planted with shrubs at a minimum of two (2) feet in height.	88 LF	17.6 LF	94 LF			North side of structure does not allow space for foundation plantings.
<b>B.</b> Shrub and tree requirements. Shrubs and trees shall be planted in the nonvehicular open spaces to meet the following requirements:							
	1 tree and 6 shrubs per 3,500 square feet	55,506	16	16			Stabilized sod area: for multipurpose use, no trees to be planted, and not calculated as nonvehicular open space. 96 Required Shrubs.

**PLANT SCHEDULE**

SYMBOL	CODE	QTY	COMMON NAME	BOTANICAL NAME	CONT	SIZE	NATIVE	REMARKS
<b>TREES</b>								
(+)	CE	10	Buttonwood	Conocarpus erectus	B & B	12' HT, 6' SPRD, 3" DBH	Yes	
(+)	QV	2	Southern Live Oak	Quercus virginiana	B & B	12' HT, 6' SPRD, 3" DBH	Yes	
(+)	TD	15	Bald Cypress	Taxodium distichum	B & B	12' HT, 6' SPR, 3" DBH	Yes	
<b>PALMS</b>								
(+)	SP	30	Cabbage Palmetto	Sabal palmetto	B & B	12'-22" C.T.	Yes	Staggered Heights
<b>SHRUBS</b>								
(+)	CHR	362	Red Tip Coco Plum	Chrysobalanus icaco 'Red Tip'	See Size	24"x24"	Yes	24" o.c.
<b>SOD</b>								
(.)	SOD1	55,506 sf	Argentine Bahiagrass	Paspalum notatum 'Argentine'	Sod			Unstabilized sod.
(.)	SOD2	190,095 sf	Argentine Bahiagrass	Paspalum notatum 'Argentine'	Sod			Stabilized Sod. Refer to architectural plans for stabilization methods.

NOTE: ALL DISTURBED AREAS SHALL BE GRASSED/SODDED WITH PASPALUM NOTATUM 'ARGENTINE'/BAHIA GRASS

**SUGGESTED WATERING SCHEDULE**

SIZE OF NURSERY STOCK	FREQUENCY	DURATION
Less than 2 Caliper Inches	Daily	2 Weeks
	Every Other Day	3 Months
	Weekly	Through Establishment
2 -4 Caliper Inches		
	Daily	1 Month
	Every Other Day	3 Months
	Weekly	Through Establishment
4 Caliper Inches or Greater		
	Daily	6 Weeks
	Every Other Day	5 Months
	Weekly	Through Establishment

CALIPER OF TREE TRUNK	WATER VOLUME PER WATERING
1 Inch Caliper	1 - 1.5 Gallons
2 Inch Caliper	2 - 3 Gallons
3 Inch Caliper	3 - 4.5 Gallons
4 Inch Caliper	4 - 6 Gallons

NO.	REVISION	DATE
1	SCHEMATIC DESIGN	06/02/2023
2	100% CDs	11/10/2023
3	PERMIT/BID SET	09/02/2024

CONSULTANT:

SWR MEADOWS SANCTUARY IMPROVEMENTS

CPZ ARCHITECTS, INC.



4316 WEST BROWARD BOULEVARD  
PLANTATION, FLORIDA 33317  
PHONE: (954) 792-8825 FAX: (954) 137-0539  
AA 22600085 WWW.CPZARCHITECTS.COM

DATE: 2/26/2024

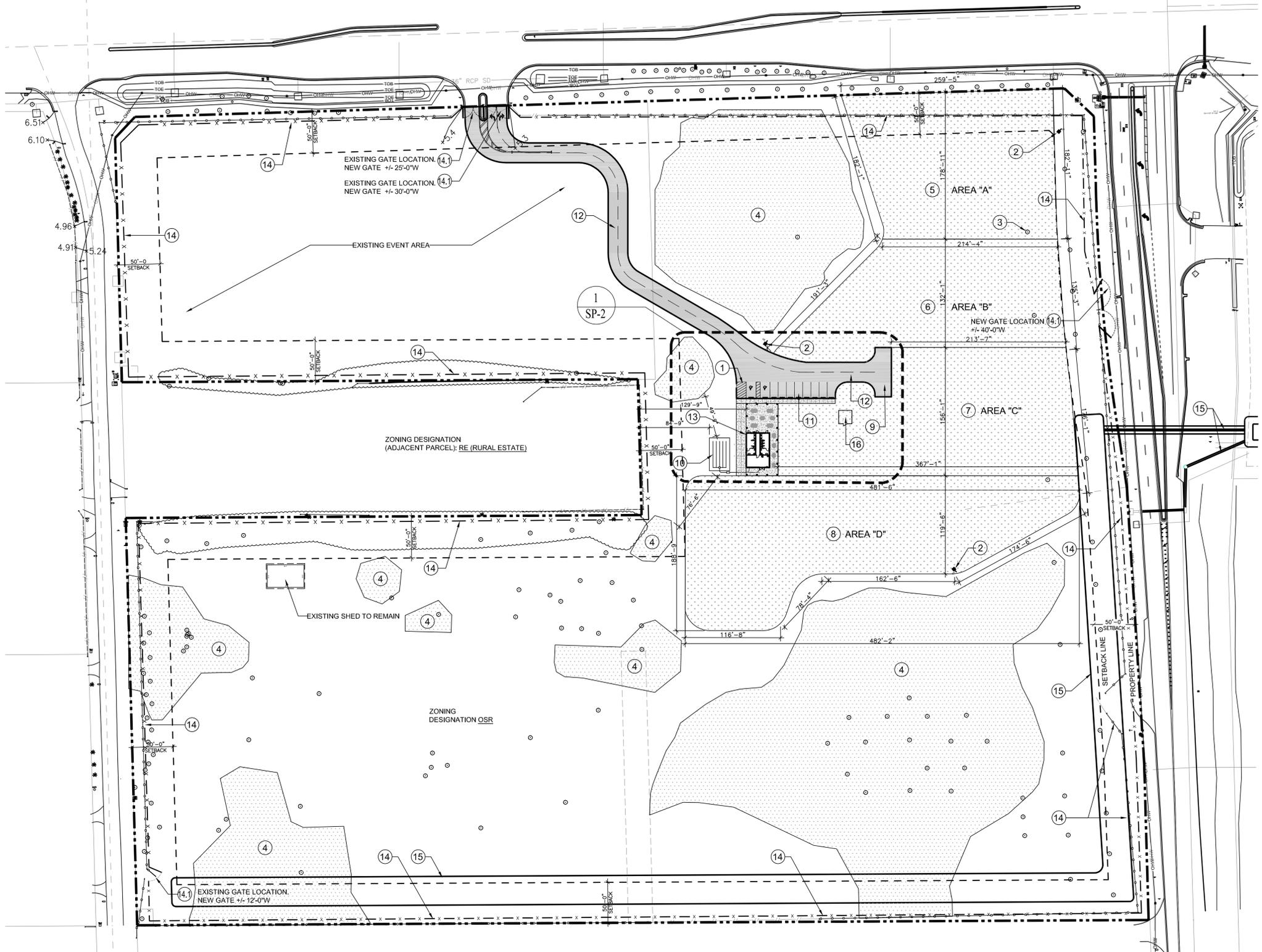
ERIC HARRISON  
REGISTRATION NO. 6667129  
STATE OF FLORIDA

PERMIT/BID SET  
DRAWING TITLE:  
LANDSCAPE DETAILS & TABULATIONS  
DRAWN: EH  
CHECKED: EH  
DATE: 03/01/24  
SCALE: As indicated  
PROJECT NO.23-0430  
SHEET:

LP-5



Z:\CPZ\Architect\2022\Project\22418\_Southwest Meadows\_Park\07\_Schematic\_Design\SD Progress Model\22418\_Meadows\_Park.dwg  
 4/18/2024 3:13:07 PM



**OVERALL SITE PLAN**  
SCALE: 1/64" = 1'-0"

ZONING LEGEND			
ZONING DISTRICT: OSR			
DESCRIPTION: RECREATION AND OPEN SPACE DISTRICT			
PARK NAME: SOUTHWEST MEADOWS SANCTUARY			
FOLIO NUMBER: 504029120010 (PARCEL A) 504029120020 (PARCEL B) (PARK)			
ITEM	REQUIRED	PROVIDED	REMARKS
MAX. PLOT COVERAGE	5%	25%	FT
MIN. BUILDING SETBACKS	50 FT	55'-8"	FT / IN NO BUILDING OR STRUCTURE, EXCEPT PERMITTED FENCES OR WALLS, SHALL BE LOCATED WITHIN FIFTY (50) FEET OF ANY RESIDENTIAL PLOT, NOR WITHIN FIFTY (50) FEET OF ANY STREET LINE.
MAX. HEIGHT	20 FT	17'-9"	FT
TREES REQUIRED	SEE LANDSCAPE DRAWINGS		
MAX. FENCE HEIGHT	8 FT	8 FT	
OFF STREET PARKING	NO OFF-STREET PARKING FACILITY SHALL BE LOCATED WITHIN TWENTY-FIVE (25) FEET OF ANY RESIDENTIAL PLOT IN SEPARATE OWNERSHIP.		

- FLOOD ZONE DESIGNATION**
- FLOOD ZONES: AH
  - BASE FLOOD ELEVATION: 6
  - COUNTY NAME: BROWARD
  - FIRM PANEL NUMBER: 120691 / 0540
  - SUFFIX: H
  - MAP NUMBER: 12011C0540H
  - FIRM PANEL EFFECTIVE DATE: 08-18-2014
  - PROPOSED LOWEST FLOOR ELEVATION: 7'-0"
  - PROPOSED LOWEST MACHINE ELEVATION: 6.5' NAVD 88 (TRANSFORMER) SEE ELECTRICAL.

- SITE LEGEND:**
- STABILIZED GRASS
  - WETLANDS
  - CONCRETE
  - DENSE VEGETATION
  - EXISTING WOOD FENCE TO BE REMOVED
  - EXISTING WIRE FENCE TO BE REMOVED
  - NEW PVC FENCE
  - NEW PVC GATE

- PVC FENCE & GATES SPECIFICATIONS**
- CONTRACTOR SHALL PROVIDE SIGNED AND SEALED ENGINEERED SHOP DRAWINGS FOR ARCHITECT'S AND OWNER'S REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE POSTS, POST CAPS, RAILS, GATES, FOUNDATIONS, CONCRETE MIX DESIGN AND REQUIREMENTS, AND ALL OTHER APPLICABLE COMPONENTS FOR A COMPLETE SYSTEM.
  - MANUFACTURER:** www.ramifence.com/fence/pvc-fencing/pvc (OR APPROVED EQUAL)
  - COLOR TO BE SELECTED AND APPROVED BY TOWN OF SOUTHWEST RANCHES. CONTRACTOR TO PROVIDE (3) PHYSICAL SAMPLES FOR REVIEW.
  - FENCE TYPE:** PVC, NON-ELECTRIC
  - NUMBER OF RAILS:** 3 HORIZONTAL
  - PVC GATE KIT REQUIRED. COORDINATE GATE LOCATIONS AND SIZES WITH OWNER.
  - SEE COVER PAGE FOR FENCE ALTERNATE.

- SITE PLAN KEY NOTES**
- LOADING AREA
  - LIGHT POLE (TYP OF 3). ADD ALTERNATES.
  - REFER TO LANDSCAPE DRAWINGS FOR ALL SITE VEGETATION.
  - WETLANDS
  - STABILIZED GRASS AREA A @ 41,915 SF TO BE PRICED SEPARATELY.
  - STABILIZED GRASS AREA B @ 40,097 SF TO BE PRICED SEPARATELY.
  - STABILIZED GRASS AREA C @ 47,488 SF TO BE PRICED SEPARATELY.
  - STABILIZED GRASS AREA D @ 60,417 SF TO BE PRICED SEPARATELY.
  - ROAD T-TURNAROUND. REFER TO CIVIL DRAWINGS.
  - SEPTIC DRAINFIELD. SEE CIVIL DRAWINGS.
  - TOTAL PARKING SPACES = 10  
ADA = 2  
STANDARD = 8
  - NEW PAVED ROAD. REFER TO CIVIL DRAWINGS.
  - NEW SINGLE-STORY RESTROOM PAVILION W/ COVERED PATIO
  - EXISTING FENCE AND GATES TO BE REMOVED AND REPLACED WITH NEW FENCE AND GATES. CONTRACTOR TO COORDINATE EXACT LOCATIONS WITH OWNER. PRIOR TO INSTALLATION, CONTRACTOR SHALL EXERCISE CARE DURING INSTALLATION AND COORDINATE WITH OTHER CONTRACTORS ON SITE WORKING ON CONCURRENT PROJECTS. REFER TO NEW FENCE AND GATES SPECIFICATION ON THIS SHEET.
  - ALL NEW GATES SHALL BE PROVIDED WITH HEAVY DUTY GALVANIZED HINGES, DROP BARS AND LOCKING HARDWARE. LOCKING HARDWARE TO ALLOW FOR TOWN PADLOCKS.
  - EXISTING DRAINAGE REPLACEMENT PROJECT BY OTHERS. CONTRACTOR MAY BE REQUIRED TO COORDINATE WITH OTHER CONTRACTORS IN FIELD. COORDINATE SCHEDULES WITH OWNER.
  - 16' X 16' WOODEN HORSE PEN & METAL GATE BY OWNER.

- CHAINLINK FENCE & GATES SPECIFICATIONS (ALTERNATE)**
- NEW PRE-ENGINEERED 9 GAUGE X 2" MESH VINYL-COATED HEAVY DUTY CHAINLINK FENCE.
  - 8'-0" TALL
  - HM40 FRAMEWORK
  - KNUCKLE ENDS
  - COLOR: BLACK OR SILVER. SUBMIT PHYSICAL SAMPLES FOR OWNER'S REVIEW.

NO.	REVISION	DATE
	Permit Set	09/06/2024

CONSULTANT:

MEADOWS  
 SANCTUARY IMPROVEMENTS  
 TOWN OF SOUTHWEST RANCHES  
 16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33331

**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 337-0559  
 AA 2500088 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

**OVERALL SITE PLAN**

DRAWN: JEC  
 CHECKED: HR  
 DATE: 09/06/2024  
 SCALE: As Indicated  
 PROJECT NO. 22418  
 SHEET:

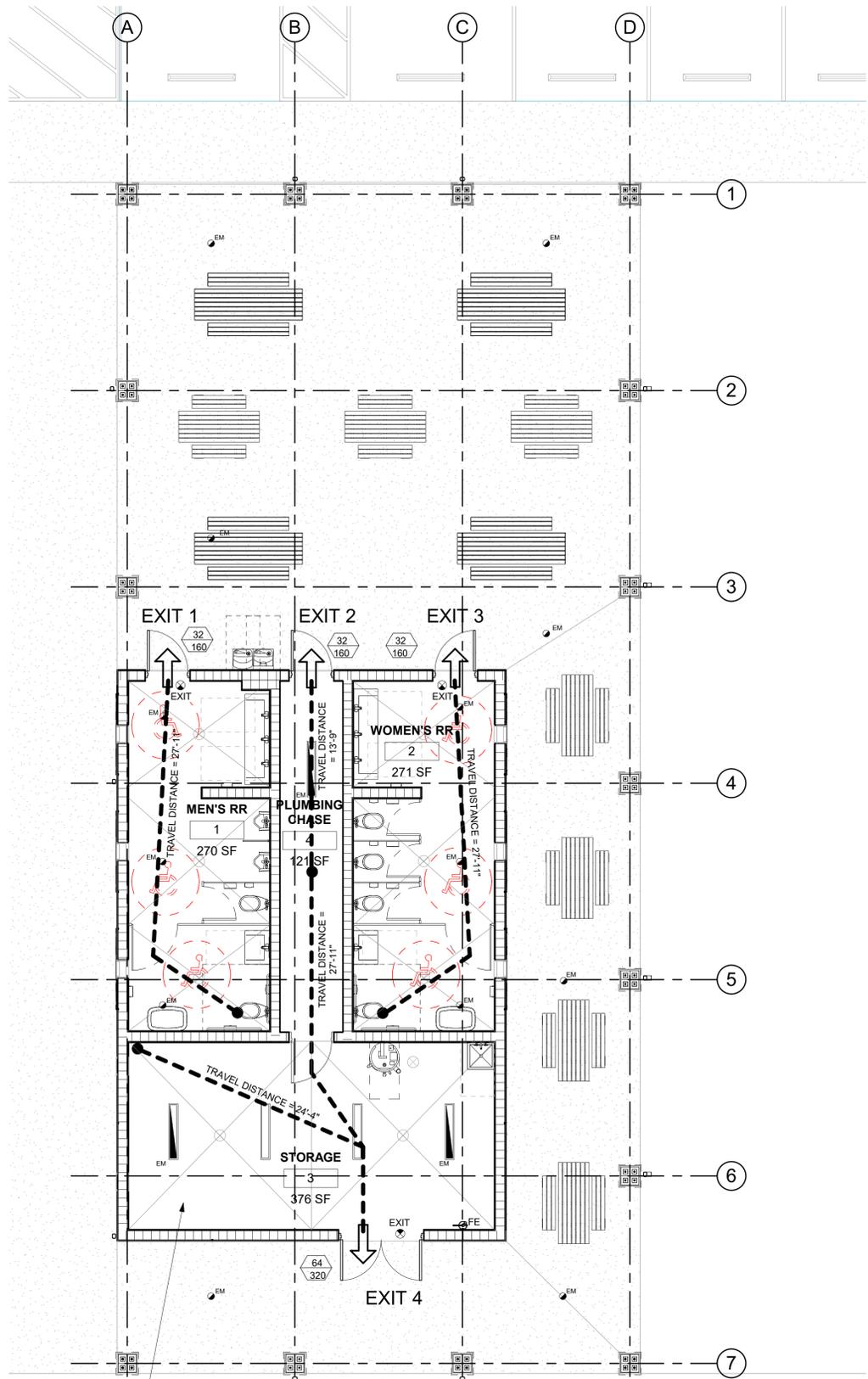


**HEIDI RODRIGUEZ, A.I.A.**  
 REGISTERED ARCHITECT  
 NO. 102,411  
 STATE OF FLORIDA

DATE: 09/06/2024

**SP-1**





STORAGE ROOM TO HOLD PARK EQUIPMENT/ TABLES ONLY. NO CHEMICALS TO BE STORED IN STORAGE ROOM.

**LEGEND:**

- [Hatched Box] DENOTES NEW WALL
- [FE Symbol] FIRE EXTINGUISHER MOUNTED ON BRACKET (SURFACE MOUNTED)
- [EM Symbol] EMERGENCY LIGHT
- [EM Symbol] RECESSED EMERGENCY LIGHT WITH BATTERY BACKUP
- [Dashed Line] DENOTES PATH OF TRAVEL
- [X Symbol] EXIT SIGN
- [XX/XXX Symbol] EGRESS WIDTH PROVIDED (INCHES)
- [XX/XXX Symbol] EGRESS LOAD CAPACITY (PERSONS)

**FIRE EXTINGUISHERS:**

EXTINGUISHMENT REQUIREMENTS (NFPA10-6.2):

(1) 2-A RATED SINGLE EXTINGUISHER (AT MINIMUM), PER EVERY 3000 SQ. FT. NOT TO EXCEED 75'-0" OF TRAVEL MOUNT CABINET W/ OPERATING INSTRUCTIONS FACING OUTWARDS.

MOUNT FIRE EXTINGUISHER ON STANDARD WALL BRACKET @ 48" A.F.F.

CONTRACTOR PROVIDE SHOP DRAWING SUBMITTAL OF EXTINGUISHERS PRIOR TO ORDERING.

NOTE: DURING CONSTRUCTION CONTRACTOR TO PROVIDE PORTABLE EXTINGUISHERS PER NFPA 1141 SECTION 9.2.

**BUILDING CODE INFORMATION**

**GOVERNING CODE:** FLORIDA BUILDING CODE 8TH EDITION (2023) - BUILDING  
 FLORIDA BUILDING CODE 8TH EDITION (2023) - EXISTING BUILDING  
 FLORIDA FIRE PREVENTION CODE 2023, 8TH EDITION (INCLUSIVE OF NFPA 1 2021 ED. & NFPA 101 2021 ED.)  
 FLORIDA ACCESSIBILITY CODE 2023, 8TH EDITION

**PROPERTY ADDRESS:** SW MEADOWS SANCTUARY PARK, SOUTHWEST RANCHES, FL 33331

**DESCRIPTION OF WORK:** THIS PROJECT CONSISTS OF A NEW SINGLE STORY RESTROOM BUILDING AND SITE IMPROVEMENTS ON AN EXISTING PUBLIC PARK PROPERTY.

**CLASSIFICATION OF WORK:** NEW CONSTRUCTION  
 PER FLORIDA BUILDING CODE 2020 (7TH EDITION) - BUILDING

**USE AND CLASSIFICATION (FBC-B CHAPTER 3):** (FBC) U - UTILITY & MISC. (FFPC) B - BUSINESS

**CONSTRUCTION TYPE (FBC-B CHAPTER 6):** III-B

**CONSTRUCTION:** CMU, CONCRETE STRUCTURE, WOOD ROOF STRUCTURE.

**OCCUPANT LOAD (CHAPTER 10):**

(FBC TABLE 1004.5) UTILITY:  
 920 SF/300 PER OCCUPANT = 3 PERSONS

(FFPC) BUSINESS:  
 920 SF/300 PER OCCUPANT = 3 PERSONS

**BUILDING HEIGHT & AREA LIMITATIONS (FBC-B TABLE 504.3a & 504.4):**

MAX. # OF STORIES PERMITTED: 2  
 MAX. # OF STORIES PROVIDED: 1  
 MAX. HEIGHT PERMITTED: 55'-0"  
 MAX. HEIGHT PROVIDED: UNDER 20'-0"  
 MAX. AREA PERMITTED (PER FLOOR): 8,500 SF  
 MAX. AREA PROVIDED (PER FLOOR): 920 SF

**EGRESS:**

	PER 8th EDITION FBC U - UTILITY	PER 8th EDITION FFPC B - BUSINESS
MAX. TRAVEL DISTANCE PERMITTED	(TABLE 1017.2): 300'	(SEC 38.2.6.2): 200'
MAX. TRAVEL DISTANCE PROVIDED:	27'-11"	
COMMON PATH OF EGRESS TRAVEL PERMITTED	(TABLE 1006.2.1) 100'	(SEC 38.2.5.3.1): 100'
COMMON PATH OF EGRESS TRAVEL PROVIDED	LESS THAN 75'	
MIN. CORRIDOR WIDTH REQUIRED	(TABLE 1020.2) - 44"	(FFPC 38.2.3.2) - 44"
CORRIDOR WIDTH PROVIDED:	N/A	
MAX. DEAD END CORRIDOR PERMITTED	(TABLE 1020.4) - 20'	STORAGE (TABLE 42.2.5) -100'
MAX. DEAD END CORRIDOR PROVIDED:	NONE	
(PER FBC TABLE 1005.3.2): TOTAL EGRESS WIDTH REQUIRED	3 OCCUPANTS x 0.2 = 60" (32 MIN.) (PER FBC)	3 OCCUPANTS x 0.2 = 60" (32 MIN.) (PER FFPC)
TOTAL EGRESS WIDTH PROVIDED	128 IN PROVIDED (1) DOUBLE DOOR @ 64" (2) SINGLE DOORS @ 32"	128 IN PROVIDED (1) DOUBLE DOOR @ 64" (2) SINGLE DOORS @ 32" EA
MINIMUM CLEAR OPENING REQUIRED	(TABLE 1010.1.1) - 32"	(TABLE 7.2.1.2.3.2) - 32"
EXITS REQUIRED (TABLES 1015.1, 1021, 1021.2)	1 FOR EACH AREA	
EXITS PROVIDED:	1 FOR EACH AREA	

**FIRE PROTECTION FEATURES:** NON-SPRINKLERED

SEPARATION OF OCCUPANCIES PROVIDED: 0

MAXIMUM TRAVEL DISTANCE TO FIRE EXTINGUISHERS REQUIRED (NFPA 10): 75'-0" OFFICE AREA CLASS A FIRE HAZARD

MAXIMUM TRAVEL DISTANCE TO FIRE EXTINGUISHERS PROVIDED: LESS THAN 75'-0"

NUMBER OF FIRE EXTINGUISHERS PROVIDED: 1

TYPE OF FIRE EXTINGUISHERS PROVIDED: MP5 UL RATING 2A-10B:C (TYPICAL)

**FIRE RESISTANCE RATINGS (FBC-B TABLE 601)**

BUILDING ELEMENT	TYPE III B
STRUCTURAL FRAME	0
EXTERIOR	2
INTERIOR	0
NON BEARING- EXTERIOR	0
NON-BEARING INTERIOR WALLS & PARTITIONS	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0
FIRE SPRINKLERS	NOT PROVIDED

HIGH-VELOCITY HURRICANE ZONES FIRE CLASSIFICATION SECTION FBC-B 1516 "CLASS B" ROOF ASSEMBLIES AND ROOF COVERINGS REQUIRED TO BE LISTED BY THIS SECTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E108 OR UL790. IN ADDITION, FIRE RETARDANT TREATED WOOD ROOF COVERINGS SHALL BE TESTED IN ACCORDANCE WITH ASTM D2898.

CLASSIFICATION OF HAZARD OF CONTENTS (NFPA 101 SECTION 26.1.5) ORDINARY HAZARD CONTENTS

**PLUMBING FIXTURE CALCULATIONS:** PER FBC-PLUMBING 7th ED. (2020) TABLE 403.1

	WC		LAV		DRINKING FOUNTAIN	1 SERVICE SINK
	W	M	W	M		
REQUIRED	N/A	N/A	N/A	N/A	N/A	N/A
PROVIDED	4	2 WC 2 URI	3	3	2	1

W = WOMEN M = MEN

**NOTES:**

- PLUMBING FIXTURE CALCULATIONS ARE BASED ON HALF THE OCCUPANT LOAD PER FBC-B 7th ED. (2020) SEC. 403.1.1
- THE PROPOSED OUTDOOR AREAS ARE BEING STABILIZED FOR PERIODIC EVENTS COORDINATED BY THE TOWN OF SOUTHWEST RANCHES.

ADA TOILET COMPARTMENTS REQUIREMENTS: PER FBC-B ACCESSIBILITY & PLUMBING CODE 7th ED. (2020) SEC. 213.3.1

ADA TOILET COMPARTMENTS PROVIDED= 1 WOMEN'S & 1 MEN'S

NO.	REVISION	DATE
1	Permit/Doc Set	09/06/2024

CONSULTANT:

MEADOWS  
 SANCTUARY IMPROVEMENTS  
 TOWN OF SOUTHWEST RANCHES  
 16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 137-0559  
 AA 72600085 WWW.CPZARCHITECTS.COM



DRAWING TITLE:  
 OVERALL LIFE SAFETY PLAN

DRAWN: JEC  
 CHECKED: HR  
 DATE: 09/06/2024  
 SCALE: As Indicated  
 PROJECT NO: 2241B  
 SHEET:



HEIDI RODRIGUEZ, A.I.A.  
 REGISTERED ARCHITECT  
 NO. 102,411  
 STATE OF FLORIDA

DATE: 09/06/2024

1 OVERALL LIFE SAFETY PLAN

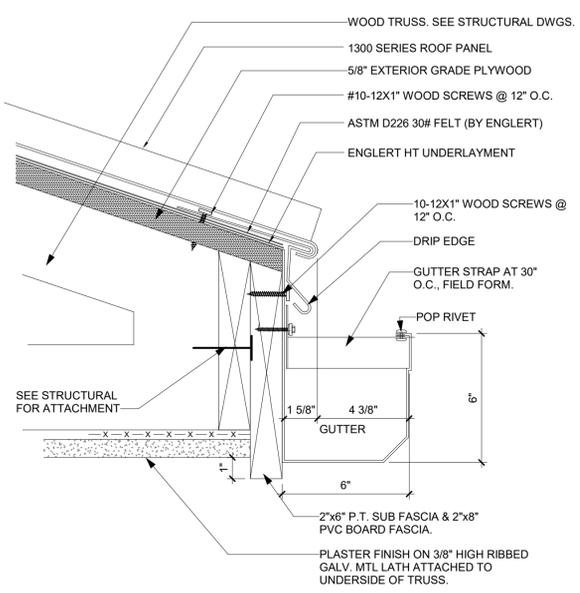
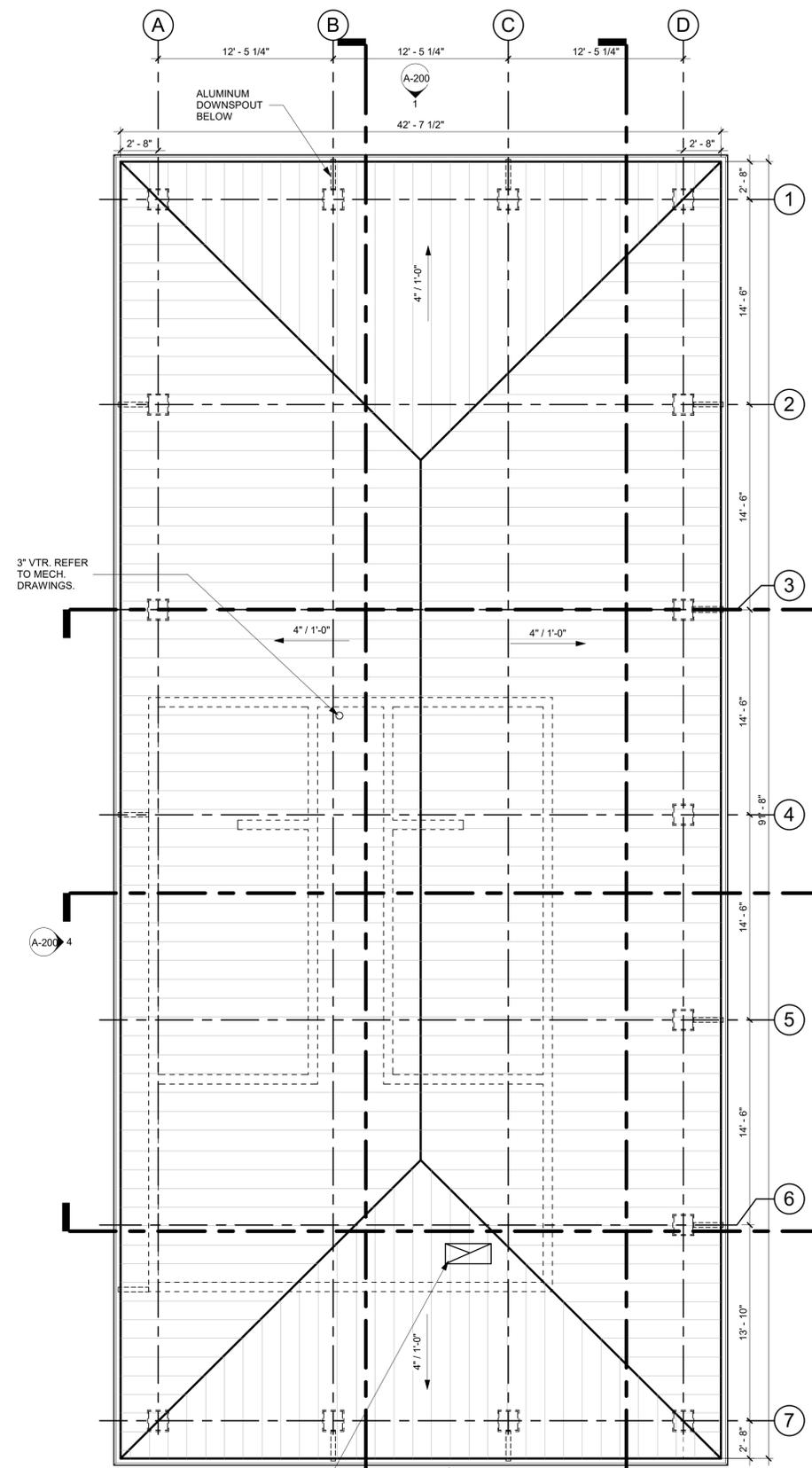
LS-100 SCALE: 3/16" = 1'-0"

Autodesk Docu/12/24 10:33 AM Meadows Park/2241B Meadows Park.dwg 9/6/2024 4:56:22 PM

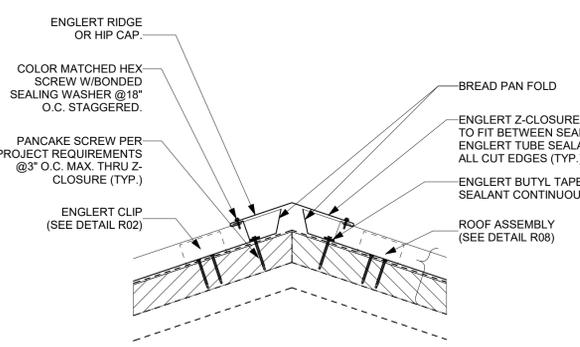
LS-100



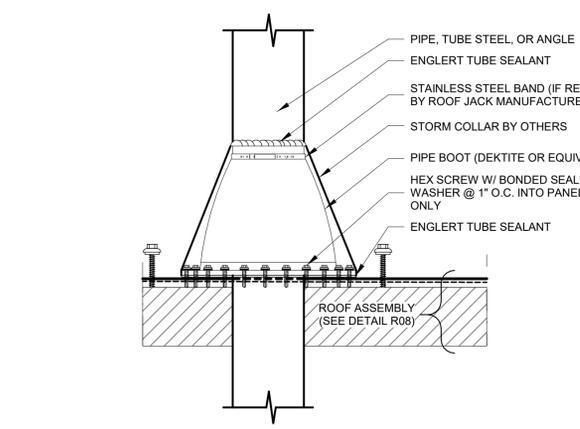




**2 EAVE GUTTER DETAIL PLYWOOD**  
A-102 SCALE: 3" = 1'-0"



**3 TYPICAL CAP METAL ROOF DETAIL**  
A-102 SCALE: 1 1/2" = 1'-0"



**4 PENETRATION DETAIL**  
A-102 SCALE: 3" = 1'-0"

**METAL ROOF SPECIFICATION:**

REFER TO STRUCTURAL DRAWINGS FOR ROOF DETAILS.  
ROOF SPECIFICATION FOR STEEP-SLOPED ROOF (4:12 SLOPE)  
ENGLERT SERIES A1300 (OR APPROVED EQUAL) 1 1/2" MECHANICALLY SEAMED METAL ROOF SYSTEM. FL NO. 11727.2 - R16.  
COLOR: CONTRACTOR TO INCLUDE IN BID PRICING. PRE-WEATHERED GALVALUME - SRI = 32.

A. MANUFACTURER SHALL WARRANT ROOF MIN. 35 YEAR INSTALLERS NON PRO-RATED, WITH NO FRESH WATER RINSE REQUIREMENT. MIN 20 YEAR "SPECIAL NO DOLLAR LIMIT LEVEL 4 WEATHER TIGHTNESS WARRANTY INCLUSIVE OF ALL FLASHINGS AND PENETRATIONS. STANDING SEAM METAL ROOF COLOR ALUMINUM WARRANTY TO BE PERMA COLOR 3500 35 YEAR ULTRA-COOL / LOW GLOSS KYNAR 500/HYLAR 5000 COATING. INSTALLER SHALL PROVIDE (5) YEAR GUARANTEEING MATERIALS WORKMANSHIP FOR WEATHER TIGHTNESS AGAINST ALL LEAKS.

B. STANDING SEAM ALUMINUM METAL ROOFING BY: ENGLERT OR APPROVED EQUAL. ALUMINUM TO MATCH METAL ROOF BY ENGLERT.

C. ENGLERT S1300 SERIES 1 1/2" MECHANICALLY DOUBLE-LOCK SEAMED STANDING SEAM SPACING AT 16" O.C. WITH 1 1/2" HIGH.

D. STANDING SEAM METAL ROOF OVER 5/8" CDX PLYWOOD.

E. INSTALL PER FLORIDA BUILDING CODE PRODUCT APPROVAL

F. CONTRACTOR TO SUBMIT PRODUCT APPROVAL AS REQUIRED BY FLORIDA BUILDING CODE FOR PERMIT.

G. CONTRACTOR TO SUBMIT PROJECT SPECIFIC ENGINEERED SIGNED AND SEALED SHOP DRAWINGS BY FLORIDA ENGINEER.

H. CONTRACTOR TO SUBMIT COLOR SAMPLE FOR REVIEW AND APPROVAL BY OWNER AND ARCHITECT. FINAL COLOR TO BE SELECTED BY ARCHITECT AND TOWN DURING SHOP DRAWING REVIEW PROCESS.

I. DELEGATED DESIGN SUBMITTAL: FOR METAL ROOF PANEL ASSEMBLY INDICATED TO COMPLY WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA. INCLUDE ANALYSIS DATA SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER AND BE THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.

J. CONTRACTOR SHALL HAVE MANUFACTURERS REPRESENTATIVE PERFORM (1) PRE ROOFING MEETING TO REVIEW PROJECT AND SHOP DRAWINGS (2) SITE VISITS/INSPECTIONS DURING CONSTRUCTION TO REVIEW OVERALL INSTALL TO ENSURE METAL ROOFING IS INSTALLED PER MANUFACTURERS RECOMMENDATION AND PER MANUFACTURERS ROOFING DETAILS.

K. GUTTER & DOWNSPOUT. SEE SPECIFICATION ON THIS SHEET.

L. SEE COVER PAGE FOR BID ALTERNATE.

CONTACT:  
JEFF BARNARD  
ENGLERT INC.  
P: (303) 868-8783  
J.BARNARD@ENGLERTINC.COM

**ROOF PLAN LEGEND:**

ROOF EXHAUST VENT. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS.

**ROOF PLAN NOTES**

A. SEE METAL ROOF SPECIFICATION ON THIS SHEET.

B. ALUMINUM GUTTER TO MATCH METAL ROOF BY ENGLERT.

**ALUMINUM DOWN SPOUT SPECIFICATION:**

CONTRACTOR TO PROVIDE 6X6 SEAMLESS GALV. METAL GUTTER AND 4"x4" DOWNSPOUT SHALL HAVE CUSTOM COLOR SEE BUILDING ELEVATIONS WALL BY ENGLERT OR APPROVED EQUAL. GUTTER AND DOWNSPOUT SHALL HAVE A KYNAR 500 FINISH. SILICONE SEAL EXTERIOR OF ALL DOWNSPOUT JOINTS TO PROVIDE COMPLETE WATER TIGHT SEAL. INSTALL SUPPORT STRAPS NO MORE THAN 3'-0" O.C. PROVIDE CONCRETE SPLASH BLOCKS ORIENTED AWAY FROM THE FOUNDATION OF THE BUILDING. CONTRACTOR TO PROVIDE PROJECT SPECIFIC WITH METAL FRAMING SHOP DRAWINGS AND COLOR SAMPLES PRIOR TO FABRICATION FOR ARCHITECTS REVIEW. SEE METAL ROOFING SPECIFICATION ON THIS SHEET. MANUFACTURER SHALL WARRANT 20 YEAR LIMITED FINISH WARRANTY ON ALL GUTTER MATERIAL.

PROVIDE 4"W X 8"H SQUARE CUT-OUT AT BOTTOM OF DOWNSPOUT AT LOCATIONS WHERE BOTTOM OF DOWNSPOUTS MEET CONCRETE SIEWALKS.

**ROOFING SLOPE NOTE**

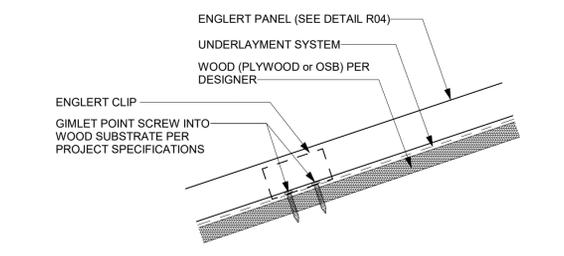
CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AND COMPLY WITH F.B.C. SECTION 1507.11.1

1507.11 THE INSTALLATION OF ROOFING SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION.

1507.11.1 SLOPE. ROOFS SHALL HAVE A DESIGN SLOPE OF NO LESS THAN ONE-FOURTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2 PERCENT SLOPE) FOR DRAINAGE.

**ROOF FASTENER CALCULATION NOTE**

IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE ROOFING SUBCONTRACTOR TO PROVIDE ANY CALCULATIONS AND OTHER CALCULATIONS, BY A REGISTERED FLORIDA ENGINEER, TO MEET THE FASTENER SPACING IN THE FIELD, PERIMETER AND CORNER AREAS IN COMPLIANCE WITH FASTENING REQUIREMENTS OF THE ROOFING SYSTEM N.O.A.



**5 ROOF ASSEMBLY PLYWOOD**  
A-102 SCALE: 3" = 1'-0"

AUTOCAD DOC: 1/27/24 18:33:11 Meadows Park\CPZ\18 Meadows Park\18 Meadows Park.dwg 18/06/2024 12:56:23 PM

MECHANICAL ROOF PENETRATION. GC TO PROVIDE ENGLERT PROJECT SPECIFIC DETAILS & FLASHING PER MANUFACTURER REQUIREMENTS. SEE MTL ROOF SPECIFICATION ON A-102 FOR PROJECT SPECIFIC ENGINEERED SHOP DRAWING REQUIREMENTS.

**1 ROOF PLAN**  
A-102 SCALE: 3/16" = 1'-0"

NO.	REVISION	DATE
	Permit/Doc Set	09/06/2024

CONSULTANT:

MEADOWS SANCTUARY IMPROVEMENTS TOWN OF SOUTHWEST RANCHES 16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33531

CPZ ARCHITECTS, INC. 4316 WEST BROWARD BOULEVARD PLANTATION, FLORIDA 33317 PHONE: (954) 792-8825 FAX: (954) 137-0559 AA 72600065 WWW.CPZARCHITECTS.COM



DRAWING TITLE:  
**OVERALL ROOF PLAN & DETAILS**

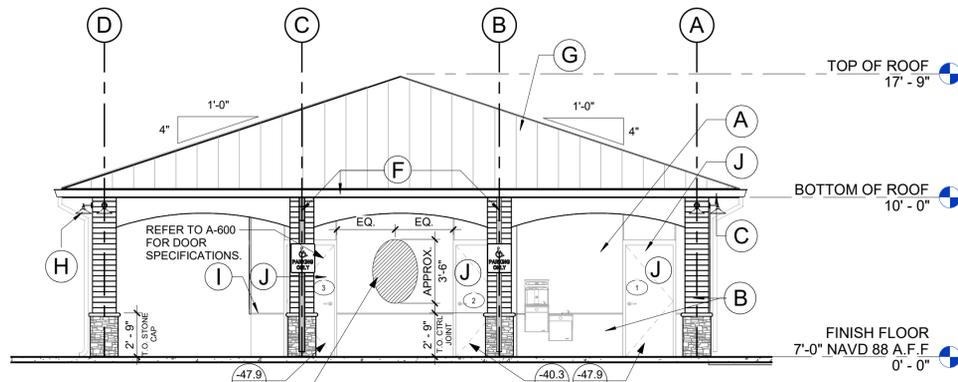
DRAWN: JEC  
CHECKED: HR  
DATE: 09/06/2024  
SCALE: As Indicated  
PROJECT NO: 2241B  
SHEET:



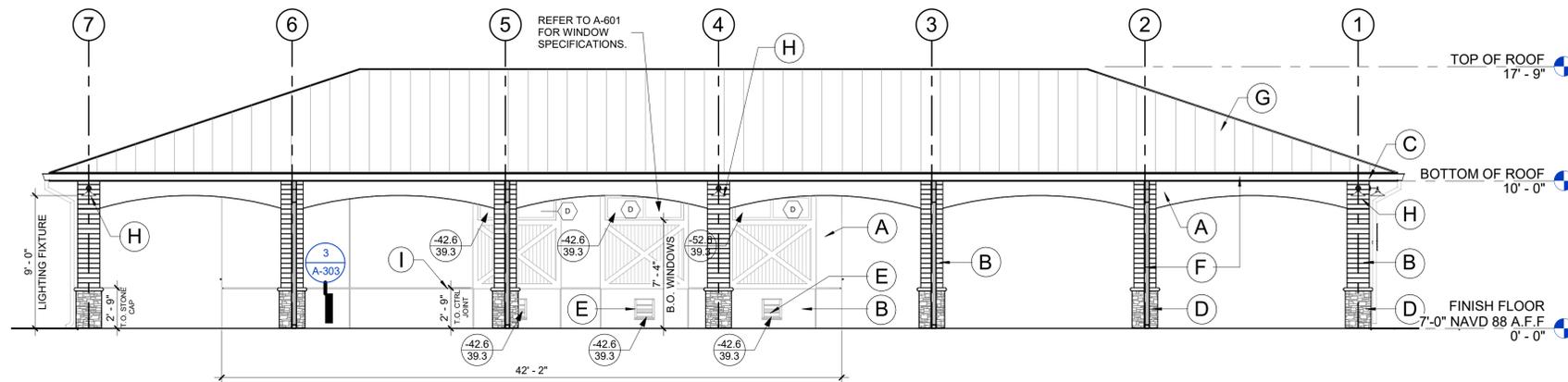
**HEIDI RODRIGUEZ, A.I.A.**  
REGISTERED ARCHITECT  
NO. 102,411  
STATE OF FLORIDA

DATE: 09/06/2024

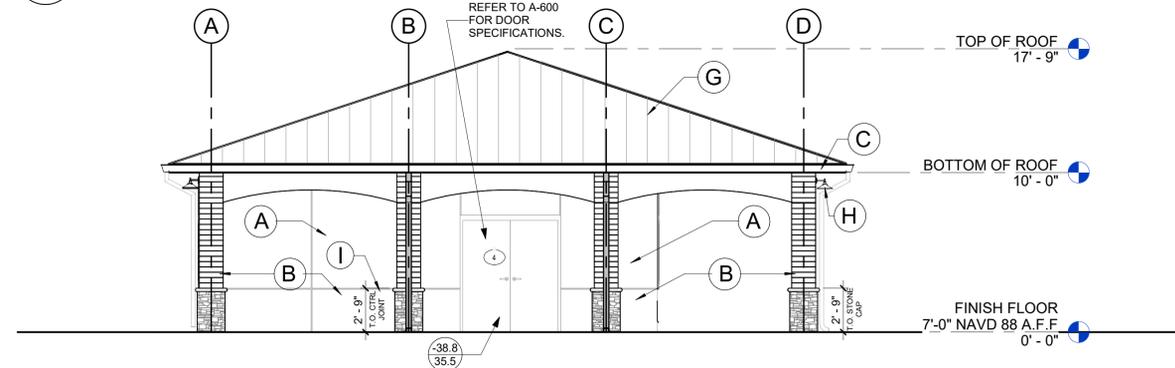
**A-102**



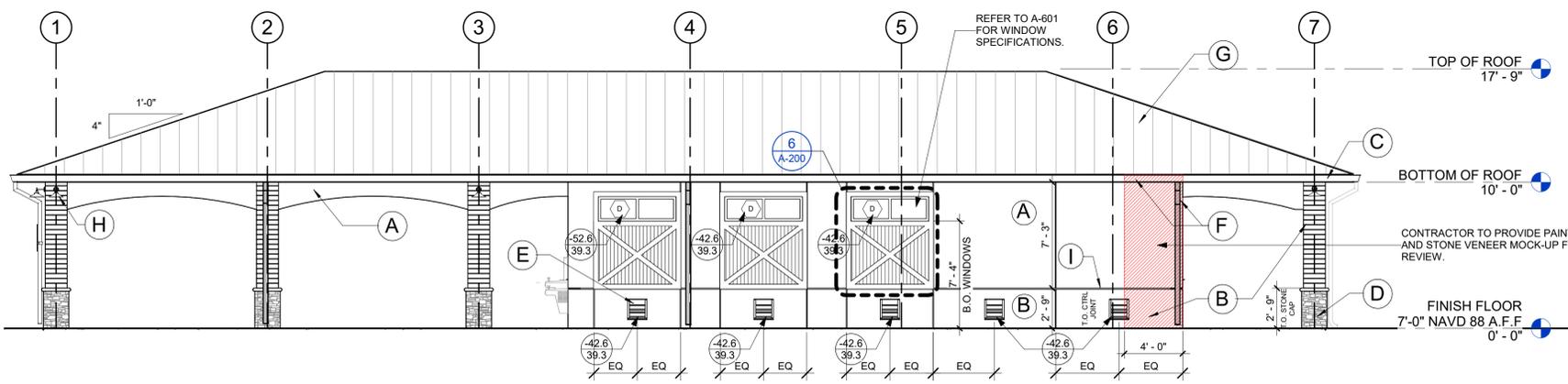
1 NORTH ELEVATION  
A-200 SCALE: 3/16" = 1'-0"



2 EAST ELEVATION  
A-200 SCALE: 3/16" = 1'-0"



3 SOUTH ELEVATION  
A-200 SCALE: 3/16" = 1'-0"



4 WEST ELEVATION  
A-200 SCALE: 3/16" = 1'-0"

**SHERWIN WILLIAMS OR APPROVED EQUAL PAINT SPECIFICATION:**

**EXTERIOR**

1.2 EXTERIOR PAINT AND COATING SYSTEMS

A. CONCRETE: CEMENTITIOUS SIDING, FLEXBOARD, TRANSITE BOARD, NON-ROOF SHINGLES, COMMON BRICK, STUCCO, TILT-UP, PRECAST, AND POURED-IN-PLACE CEMENT.

1. LATEX SYSTEMS:

a. SATIN FINISH:

- 1ST COAT: S-W LOXON CONCRETE AND MASONRY PRIMER SEALER, LX02W50 (5.3-8.0 MILS WET, 2.1-3.2 DRY).
- 2ND COAT: S-W SUPERPAINT EXTERIOR LATEX SATIN, A89 SERIES.
- 3RD COAT: S-W SUPERPAINT EXTERIOR LATEX SATIN, A89 SERIES (4.0 MILS WET, 1.5 MILS DRY PER COAT).

CONTACT: GLENN REMLER  
ARCHITECTURAL ACCOUNT EXECUTIVE  
SHERWIN WILLIAMS  
PHONE: (954) 547-1217

**SW RANCHES SIGNAGE NOTES:**

- SIGNAGE TO BE PROVIDED BY OWNER.
- RECOMMENDED HEIGHT FOR SIGNAGE = 3'-6".
- ALIGN SIGNAGE TO TOP OF DOOR FRAMES AS SHOWN.
- CENTER SIGNAGE IN BETWEEN DOOR FRAMES.
- SIGNAGE TO BE EXTERIOR GRADE AND WEATHER-RESISTANT.
- SUBMIT SHOP DRAWINGS FOR ARCHITECT'S AND OWNER'S REVIEW PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING STUCCO AND PAINT UPON INSTALLATION OF SIGNAGE.
- COORDINATE EXACT LOCATION WITH OWNER IN FIELD.
- SIGNAGE TO BE SECURELY AND MECHANICALLY FASTENED TO CMU BLOCK.

**STUCCO ACCESSORIES NOTES:**

CONTRACTOR TO SUBMIT PROJECT SPECIFIC DETAILS FOR ALL STUCCO ACCESSORIES FOR REVIEW BY ARCHITECT. PROJECT SPECIFIC DETAILS SHALL SHOW THE FOLLOWING:

- PLASTIC COMPONENT ACCESSORIES.
- PLASTIC COMPONENT ACCESSORIES ATTACHMENTS A. SHOWING ANCHOR RECOMMENDATION AND SPACING.
- DETAIL SECTIONS FOR STUCCO BANDS & STUCCO SIDING, CONTROLS JOINTS. CONTRACTOR TO SUBMIT PROJECT SPECIFIC DETAILS WITH STUCCO SUBMITAL, ALONG WITH ALL REQUIRED SUBMITAL DOCUMENTS.

**EXTERIOR BUILDING COLORS AND DECORATIVE ELEMENTS:**

**A MAIN COLOR**  
SHERWIN WILLIAMS SW7511 BUNGALOW BEIGE OR APPROVED EQUAL

**B SECONDARY COLOR**  
SHERWIN WILLIAMS SW9174 MOTH WING OR APPROVED EQUAL

**C WINDOW FRAME, STUCCO BAND & FASCIA**  
SHERWIN WILLIAMS SW7102 WHITE FLOUR OR APPROVED EQUAL. SUBMIT COLOR SAMPLES FOR REVIEW.

**D WAINSCOT CAP, PRE-CAST BASE, & STONE BAND**  
PRE-CAST STONE, BY ELDERADO "MANZANITA". SUBMIT COLOR SAMPLES FOR REVIEW.

**E EXTERIOR LOUVER**  
REFERENCE NOA 22-1215.04, MODEL ELF375DXD ALUMINUM LOUVER FOR SPECIFICATIONS. PACER WHITE OR APPROVED EQUAL, SEE MECHANICAL DRAWINGS. SEE DETAIL #5/A-302.

**F GUTTER & DOWNSPOUT**  
CONTRACTOR TO PROVIDE 6x6 SEAMLESS 0.27 ALUMINUM CONDUCTOR HEAD GUTTER AND DOWNSPOUT TO MATCH. COLOR TO BE SELECTED BY CLIENT. SUBMIT COLOR SAMPLES FOR REVIEW. SILICONE SEAL EXTERIOR OF ALL DOWNSPOUT JOINTS TO PROVIDE COMPLETE WATER TIGHT SEAL. INSTALL SUPPORT STRAPS NO MORE THAN 3'-0" C/C. PROVIDE CONCRETE SPLASH BLOCKS ORIENTED AWAY FROM THE FOUNDATION OF THE BUILDING. CONTRACTOR TO PROVIDE PROJECT SPECIFIC SHOP DRAWING & COLOR SAMPLE PRIOR TO FABRICATION FOR ARCHITECT'S REVIEW AND APPROVAL.

**G STANDING SEAM ROOF**  
ENGLERT SERIES A1300 (OR APPROVED EQUAL) 1 1/2" MECHANICALLY SEALED METAL ROOF SYSTEM. FL NO. 11727.2 - R14. COLOR: CONTRACTOR TO INCLUDE IN BID PRICING, PRE-WEATHERED GALVALUME - SRI = 32.

**H LIGHTING**  
EXTERIOR WALL PACK. SEE LIGHTING PHOTOMETRICS FOR SPECIFICATIONS AND LUMINAIRE DETAILS. MOUNTING HEIGHT @ 9'-0" A.F.F.

**I CONTROL JOINT**  
TOP OF STONE VENEER CAPPING ON COLUMNS AND WALL CONTROL JOINT SHALL MATCH IN HEIGHT. SEE ENLARGED WALL SECTION AND TYPICAL CONTROL JOINT DETAIL.

**J DOOR FRAMES & DOOR PANELS**  
SHERWIN WILLIAMS SW9174 MOTH WING OR APPROVED EQUAL. SUBMIT COLOR SAMPLES FOR REVIEW.

**STUCCO SPECIFICATION NOTE:**

CONTRACTOR TO INSTALL STUCCO IN ACCORDANCE WITH AMERIMIX INSTRUCTIONS AND IN ACCORDANCE APPLICABLE FBC (2020) 7th ED., IRC, ASTM, ICC, AND LOCAL REQUIREMENTS.

**MATERIALS:**

A. STUCCO: PORTLAND CEMENT FINE STUCCO BY AMERIMIX COMPANIES COMPRISED OF THE FOLLOWING BASE FINISH COATS:

- BASE COAT: AMERIMIX AMX 750 FBC FIBER BASE COAT STUCCO.
- FINISH COAT: AMERIMIX AMX 700 SBF FINE SCRATCH, BROWN & FINISH STUCCO.

**ADMIXTURES**

A. BONDING AGENT: COMPLY TO ASTM C932.

- A NON-RE-EMULSIFIABLE ACRYLIC EMULSION. TO BE USED AS INTEGRALLY MIXED PRODUCT WHEN RECOMMENDED BY THE PORTLAND CEMENT-BASED STUCCO MANUFACTURER.

**A. PRODUCTS:**

- MFR: BASF; PRODUCT: THOROSEAL/ACRYL 60.
- MFR: LANCO; CB-1000

2. DELIVER PRODUCTS TO JOB SITE PREMIXED IN THE WATER AT SPECIFIED RATIOS

**SUBMITTALS**

A. PRODUCT DATA: MANUFACTURER'S DATA SHEETS ON EACH PRODUCT TO BE USED, INCLUDING:

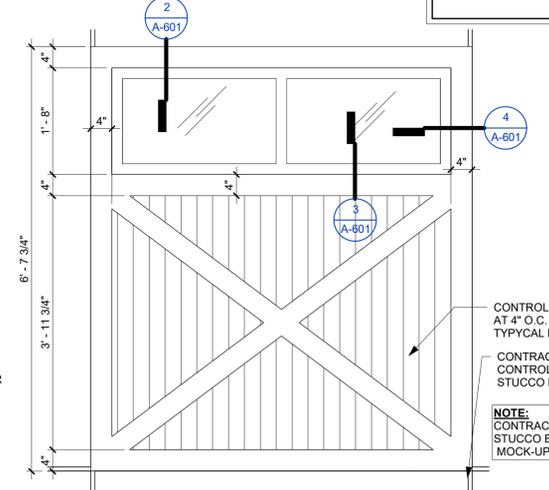
- MIXING AND PREPARATION INSTRUCTIONS AND RECOMMENDATIONS.
- STORAGE AND HANDLING REQUIREMENTS AND RECOMMENDATIONS.
- INSTALLATION METHODS.

**B. TEST REPORTS:**

- SUBMIT CERTIFIED TEST REPORTS SHOWING THAT THE CEMENTITIOUS COMPONENTS OF THE MORTAR MIX COMPLY WITH THE SPECIFIED REQUIREMENTS.
- SUBMIT CERTIFIED TEST REPORT SHOWING THAT THE MORTAR COMPLIES WITH THE SPECIFIED REQUIREMENTS.

**C. ADMIXTURE:**

- PRODUCT DATA SHEETS
- INSTALLATION METHODS
- MIXING & PREPARATION INSTRUCTIONS & RECOMMENDATIONS BY AMERIMIX OR APPROVED EQUAL.



4" STUCCO BAND WINDOW X-BRACE DETAIL (TYP.)

6 A-200 SCALE: 3/4" = 1'-0" REF: A-200

NO.	REVISION	DATE
1	Permit/Doc Set	09/06/2024

CONSULTANT:

MEADOWS  
SANCTUARY IMPROVEMENTS  
TOWN OF SOUTHWEST RANCHES  
16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33531

CPZ ARCHITECTS, INC.  
4316 WEST BROWARD BOULEVARD  
PLANTATION, FLORIDA 33317  
PHONE: (954) 792-8825 FAX: (954) 137-0559  
AA 25000685 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

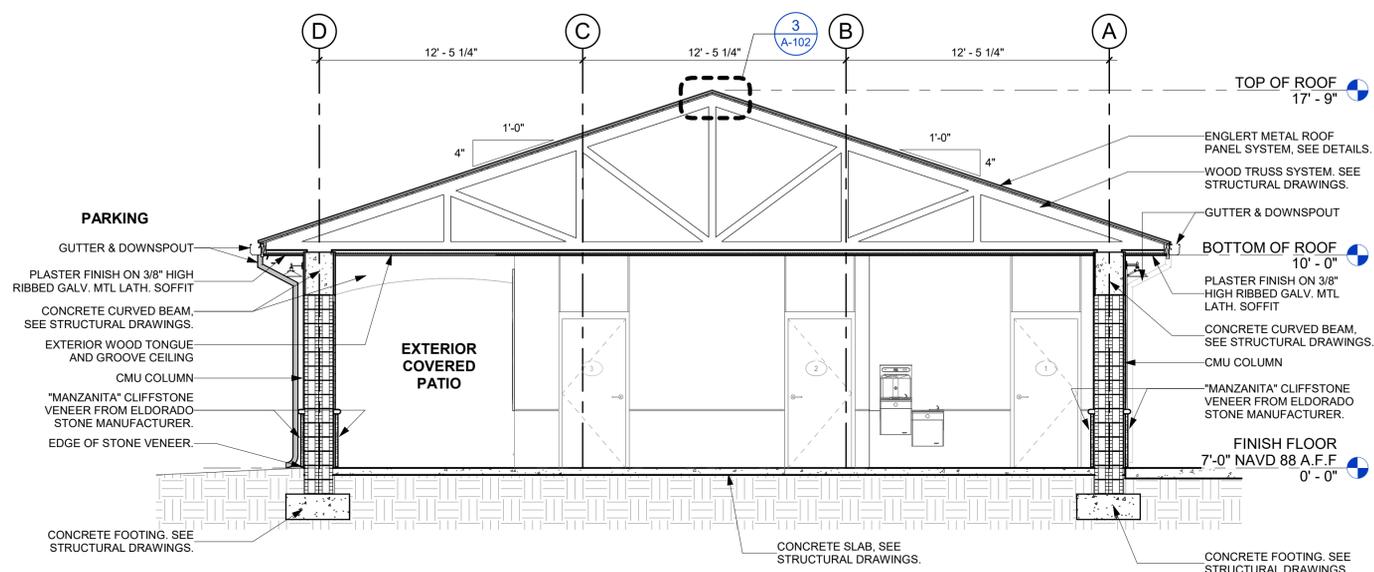
OVERALL ELEVATIONS

DRAWN: Author  
CHECKED: Checker  
DATE: 09/06/2024  
SCALE: As Indicated  
PROJECT NO: 2241B  
SHEET:

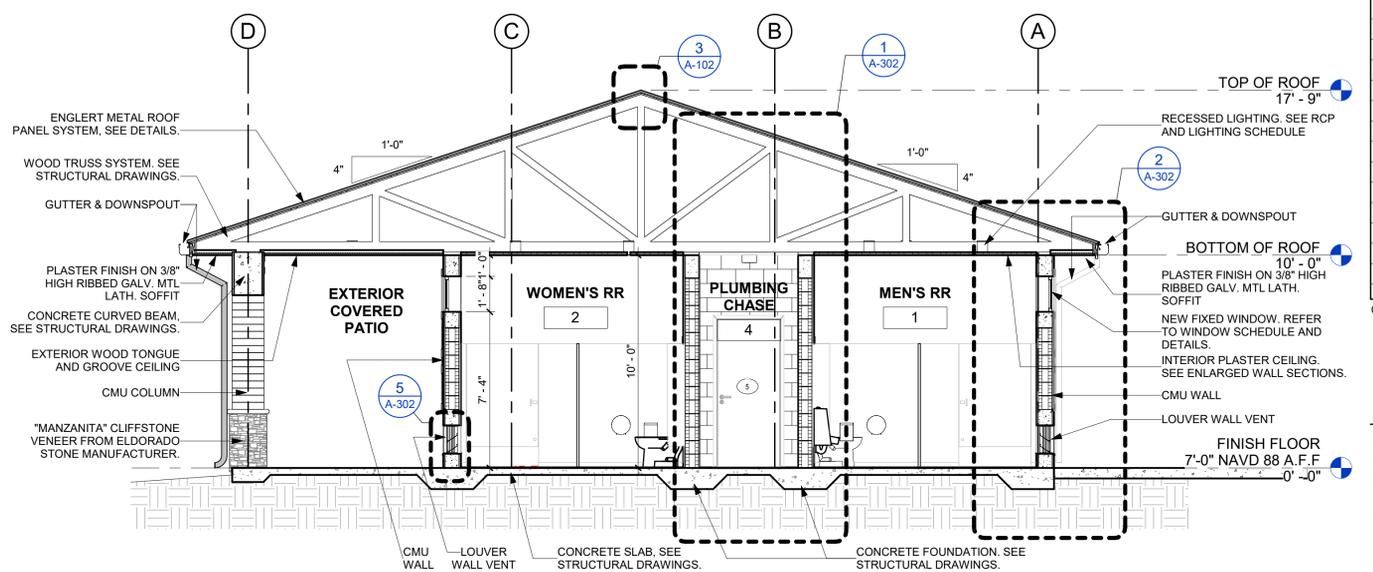


HEIDI RODRIGUEZ, A.I.A.  
REGISTERED ARCHITECT  
NO. 102,411  
STATE OF FLORIDA

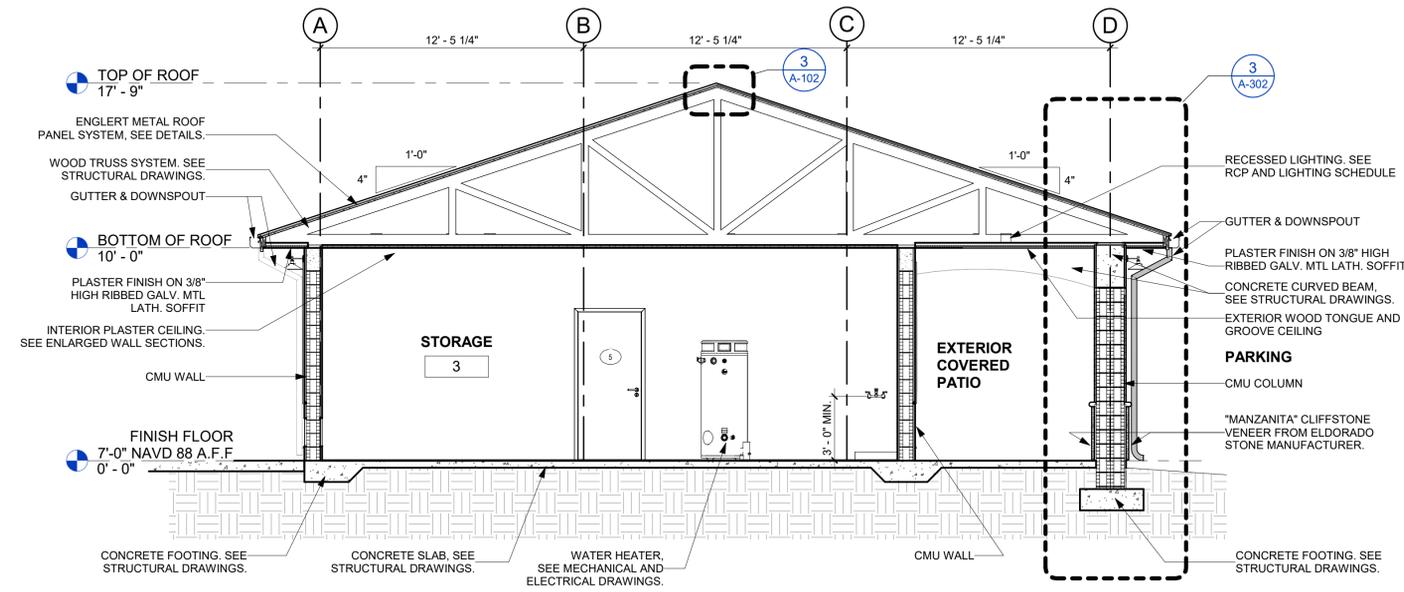
DATE: 09/06/2024



**1 SECTION 1**  
A-300 SCALE: 1/4" = 1'-0"



**2 SECTION 2**  
A-300 SCALE: 1/4" = 1'-0"



**3 SECTION 3**  
A-300 SCALE: 1/4" = 1'-0"

NO.	REVISION	DATE
1	Permit/Doc Set	09/06/2024

CONSULTANT:

MEADOWS  
SANCTUARY IMPROVEMENTS  
TOWN OF SOUTHWEST RANCHES  
16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33531

CPZ ARCHITECTS, INC.  
4316 WEST BROWARD BOULEVARD  
PLANTATION, FLORIDA 33317  
PHONE: (954) 792-8825 FAX: (954) 137-0559  
AA 72600065 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

OVERALL SECTIONS

DRAWN: Author  
CHECKED: Checker  
DATE: 09/06/2024  
SCALE: 1/4" = 1'-0"  
PROJECT NO: 2241B  
SHEET:



HEIDI RODRIGUEZ, A.I.A.  
REGISTERED ARCHITECT  
NO. 102,411  
STATE OF FLORIDA

DATE: 09/06/2024

A-300

Autodesk Docu/2241B SW Meadows Park/2241B Meadows Park/14  
9/6/2024 4:56:27 PM







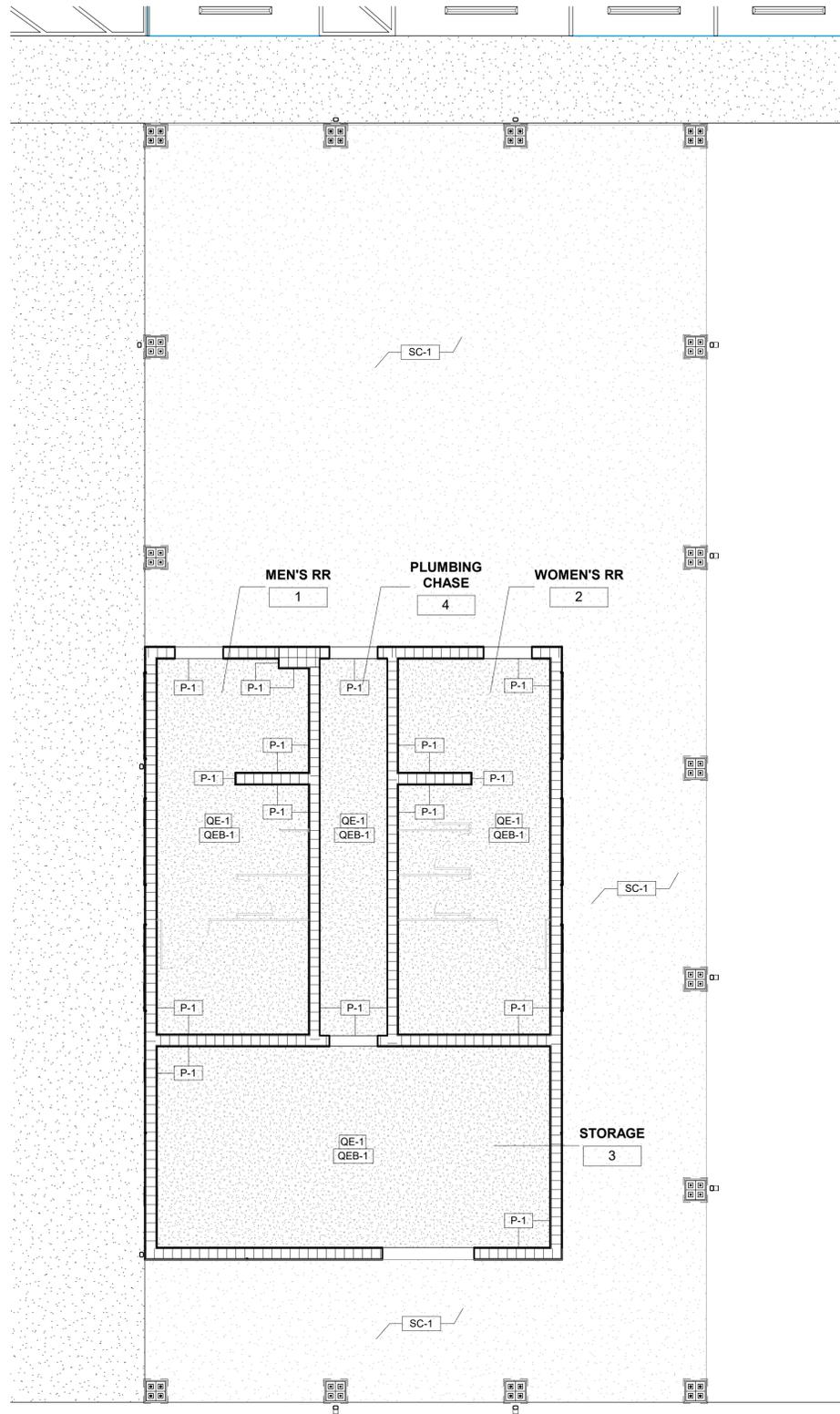








A:\DWG\DWG\22418 03V Meadows Park\22418 MEADOWS PARK.rvt  
 09/06/2024 12:56:31 PM



**1**  
**A-700** LEVEL 1 FINISH PLAN  
 SCALE: 3/16" = 1'-0"

ROOM FINISH SCHEDULE										
NUMBER	NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING	CEILING HEIGHT	REMARKS
1	MEN'S RR	QE-1	QEB-1	P-1	P-1	P-1	P-1	P-1	SEE RCP	
2	WOMEN'S RR	QE-1	QEB-1	P-1	P-1	P-1	P-1	P-1	SEE RCP	
3	STORAGE	QE-1	QEB-1	P-1	P-1	P-1	P-1	P-1	SEE RCP	
4	PLUMBING CHASE	QE-1	QEB-1	P-1	P-1	P-1	P-1	N/A	SEE RCP	

FINISH MATERIALS	
<b>FLOOR</b>	
QE-1	HYBRI-FLEX EC OYSTERSHELL ARMOR TOP GLOSS WITH DUR-A-GRIT. SUBMIT PHYSICAL COLOR SAMPLES FOR REVIEW.
SC-1	SEALED CONCRETE. DEX-O-TEX WEATHERSEAL XL WATERBASED ACRYLIC SEALER
<b>CEILING</b>	
PLSTR. (EXT.)	PLASTER ON PAPER-BACKED METAL LATH SOFFIT CEILING (EXTERIOR). REFER TO SECTIONS. SUBMIT SHOP DRAWINGS FOR REVIEW. (ALTERNATE)
EXP	EXPOSED STRUCTURE
PLSTR. (INT.)	INTERIOR PLASTER. REFER TO SECTIONS AND RCP. SUBMIT SHOP DRAWINGS FOR REVIEW. COLOR: WHITE. SUBMIT PRODUCT DATA AND COLOR SAMPLES FOR REVIEW.
T&G	WOODEN TONGUE & GROOVE EXTERIOR CEILING. REFER TO SECTIONS AND RCP FOR SPECIFICATIONS. (BASIS OF DESIGN)
<b>WALLS</b>	
P-1	SW7511 BUNGALOW BEIGE OR APPROVED EQUAL. SEE PAINT SPECIFICATIONS THIS SHEET.
EXP	EXPOSED STRUCTURE
<b>BASE:</b>	
QEB-1	HYBRI-FLEX EC OYSTERSHELL ARMOR TOP GLOSS WITH DUR-A-GRIT TOPCOAT 6" HIGH. SUBMIT PHYSICAL COLOR SAMPLES FOR REVIEW.
<b>DOORS AND FRAMES:</b>	
ALL DOORS SHALL BE FACTORY PRE-PRIMED. COLOR TO BE PAINTED TO MATCH TRIM COLOR. REFER TO ELEVATIONS FOR COLOR SELECTION.	
<b>TOILET PARTITIONS:</b>	
TP-1	HINY HIDERS HPDE TOILET PARTITION (MENS) AND (WOMENS) - SCRANTON, COLOR: (BOLD COLOR COLLECTION) TO BE SELECTED BY ARCHITECT AND OWNER.

INTERIOR FINISH CLASSIFICATIONS:	
MATERIAL	CLASSIFICATION
PAINTED GYPSUM WALLBOARD	A

**INTERIOR FINISH NOTES:**

- PREP FLOOR ACCORDING TO MANUFACTURERS SPECIFICATIONS.
- ALL FINISHES COMPLY WITH N.F.P.A. 101 SEC. 8-3.3.
- N.F.P.A 1221 2-1.2.3. ALL FINISHES SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPMENT RATING OF 50 OR LESS.
- CONTRACTOR SHALL PERFORM MOISTURE TEST ON ALL FLOOR SLABS TO VERIFY THAT THE MOISTURE CONTENT IS ACCEPTABLE TO THE FLOORING MANUFACTURER, PRIOR TO INSTALLING ANY FLOORING.
- CONTRACTOR TO PREP FLOOR SLAB FOR A SMOOTH AND LEVEL FLOOR INSTALLATION.

**COLOR COORDINATION NOTE:**  
 CONTRACTOR SHALL LAYOUT A COLOR COORDINATION MOCKUP FOR SIMILAR ROOMS FOR REVIEW BY ARCHITECT/OWNER OR ITS REPRESENTATIVE, PRIOR TO ORDERING FINISHES. MOCKUP SAMPLE SHALL INCLUDE: 6 S.F. FLOORING, 3 L.F. BASE AND 12 S.F. OF WALL PAINT.

**EPOXY FLOORING SPECIFICATION:**

EPOXY FLOORING SYSTEM SHALL BE DUR-A-FLEX OR APPROVED EQUAL.

NOTE: COLOR TO BE (QE-1). PROVIDE CONT. 6" WALL BASE (QEB-1). CONTRACTOR TO SUBMIT COLOR SAMPLES AND SHOP DRAWINGS PRIOR TO FABRICATION FOR ARCHITECT REVIEW AND APPROVAL.

HYBRI-FLEX EC - MACRO CHIP EPOXY FLOORING SYSTEM SHALL BE INSTALLED PER THE MANUFACTURERS RECOMMENDATIONS. SEE THE FOLLOWING PREP APPLICATION:

- SYSTEM MATERIALS:**
  - TOPPING: DUR-A-FLEX, INC. POLY-CRETE SL RESIN, HARDENER AND SL AGGREGATE.
  - THE BROADCAST AGGREGATE SHALL BE DUR-A-FLEX, INC. MACRO CHIP
  - BROADCAST: DUR-A-FLEX, INC. DUR-A-GLAZE #4, EPOXY BASED TWO-COMPONENT RESIN.
  - GROUTCOAT: DUR-A-FLEX, INC. DUR-A-GLAZE #4, EPOXY-BASED, TWO-COMPONENT RESIN.
  - TOP COAT: DUR-A-FLEX, INC. ARMOR TOP SATIN ALIPHATIC URETHANE 2 COMPONENT RESIN WITH GRIT.
- PATCH MATERIALS**
  - SHALLOW FILL AND PATCHING: USE DUR-A-FLEX, INC. POLY-CRETE MD (UP TO 1/4 INCH).
  - DEEP FILL AND SLOPING MATERIAL (OVER 1/4 INCH): USE DUR-A-FLEX, INC. POLY-CRETE WR.

CONTACT: DUR-A-FLEX  
 DUR-A-FLEX INC. OR APPROVED EQUAL.  
 MARK EDINGER (980) 278-1232

FINISH FLOOR LEGEND:		
	QE-1	EPOXY FINISH FLOOR
	SC-1	SEALED CONCRETE FINISH FLOOR

**SHERWIN WILLIAMS OR APPROVED EQUAL PAINT SPECIFICATION:**

**INTERIOR**

- INTERIOR PAINT AND COATING COMMERCIAL SYSTEMS
  - CONCRETE: WALLS AND CEILINGS, POURED CONCRETE, UNGLAZED BRICK, CEMENT BOARD, TILT-UP, CAST-IN-PLACE INCLUDING PLASTER WALLS AND CEILINGS.
    - EPOXY SYSTEMS; WATERBASED:
      - GLOSS FINISH:
        - 1ST COAT: S-W PRO INDUSTRIAL WATERBASED CATALYZED EPOXY, B73-300 SERIES.
        - 2ND COAT: S-W PRO INDUSTRIAL WATERBASED CATALYZED EPOXY, B73-300/B73V300 SERIES (5-12 MILS WET, 2.0-5.0 MILS DRY PER COAT)

**CMU EXPOSED WALLS**

- INTERIOR PAINT AND COATING COMMERCIAL SYSTEMS
  - MASONRY CMU: CONCRETE, SPLIT FACE, SCORED, SMOOTH, HIGH DENSITY, LOW DENSITY, AND FLUTED.
    - EPOXY SYSTEMS; WATERBASED:
      - EGGSHELL/LOW LUSTER FINISH:
        - 1ST COAT: S-W LOXON BLOCK SURFACER, LX01W200 (50-100 SQ FT/GAL).
        - 2ND COAT: S-W PRO INDUSTRIAL WATERBASED CATALYZED EPOXY, B73-360 SERIES.
        - 3RD COAT: S-W PRO INDUSTRIAL WATERBASED CATALYZED EPOXY, B73-360 SERIES (5.0 MILS. WET, 2.0 MILS. DRY PER COAT).

CONTACT: GLENN REMLER  
 ARCHITECTURAL ACCOUNT EXECUTIVE  
 SHERWIN WILLIAMS  
 PHONE: (954) 547-1217

NO.	REVISION	DATE
	Permit/Doc Set	09/06/2024

CONSULTANT:

MEADOWS  
 SANCTUARY IMPROVEMENTS  
 TOWN OF SOUTHWEST RANCHES  
 16020 GRIFFIN ROAD SOUTHWEST RANCHES, FL 33331

**CPZ ARCHITECTS, INC.**  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 137-0559  
 AA 72600083 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

**FINISH FLOOR PLAN**

DRAWN: Author  
 CHECKED: Checker  
 DATE: 09/06/2024  
 SCALE: As Indicated  
 PROJECT NO: 22418  
 SHEET:



**HEIDI RODRIGUEZ, A.I.A.**  
 REGISTERED ARCHITECT  
 NO. 102,411  
 STATE OF FLORIDA

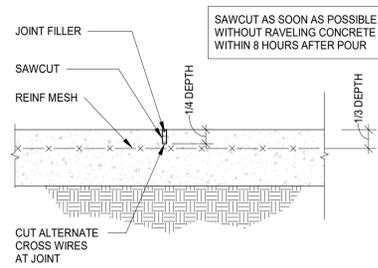
DATE: 09/06/2024

**A-700**

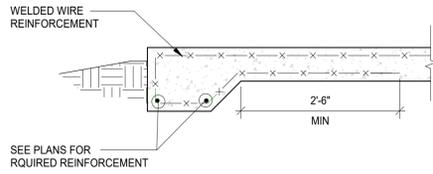




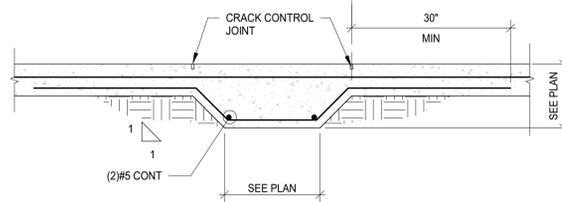




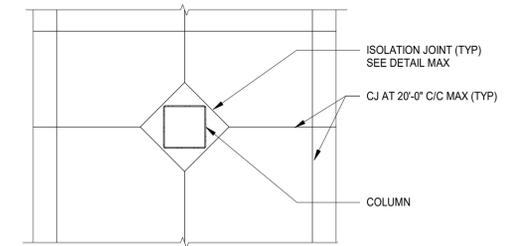
1 TYP. CONTRACTION JOINT (CJ) DETAIL  
S-1.00/ N.T.S



2 TYP. SECTION THRU THICKENED CONCRETE EDGE  
S-1.00/ N.T.S

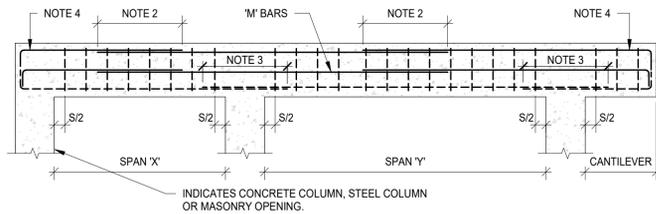


3 TYP. SECTION THRU THICKENED SLAB  
S-1.00/ N.T.S



NOTE:  
1. SUBMIT PROPOSED CONSTRUCTION JOINT (CJ) LOCATION TO ENGINEER FOR APPROVAL.  
2. SAW CUT JOINTS TO BE CUT AS SOON AS SLAB IS HARD ENOUGH TO WALK UPON.

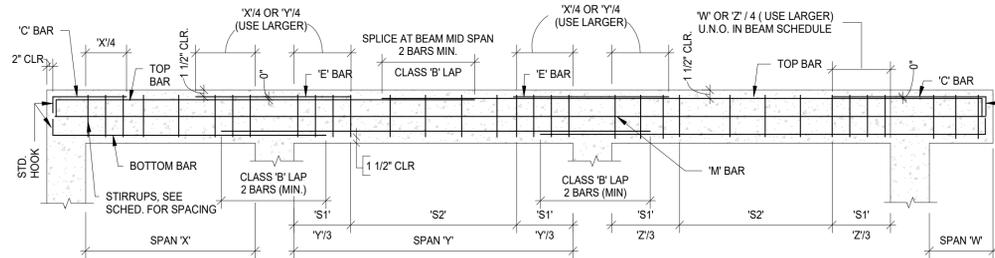
4 TYP. SLAB-ON GRADE JOINT DETAIL  
S-1.00/ N.T.S



LEGEND:  
"S" TIE SPACING INDICATED ON PLAN OR SCHEDULE.

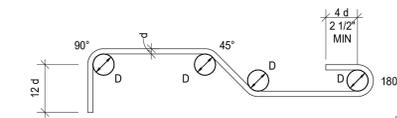
NOTES:  
1. TOP & BOTTOM BARS TO BE CONTINUOUS WITHOUT LAPS WHENEVER POSSIBLE.  
2. LAPS FOR TOP REINFORCING SHALL BE 55 BAR DIAMETERS AT MID SPAN (X/2 OR Y/2). IF TOP REINFORCING BARS VARY IN NEIGHBORING SPANS, THE LARGEST BAR DIAMETER SHALL EXTEND INTO NEIGHBORING SPANS FOR LAPS.  
3. LAP BOTTOM BARS AT SUPPORTS MINIMUM 30 BAR DIAMETERS.  
4. PROVIDE 90° HOOK EACH END FOR TOP & BOTTOM BARS. FOR TIE BEAMS IN PLAN AT CORNERS & INTERSECTIONS SEE ALSO CONCRETE SECTION UNDER STRUCTURAL NOTES

5 TYP. BENDING DIAGRAM FOR RC TIE-BEAMS  
S-1.00/ N.T.S

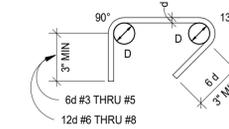


1. START STIRRUP AT 1/2 SCHEDULED SPACING FROM FACE OF SUPPORT  
2. ADD #4 LONGITUDIAL WHERE CORNER OF STIRRUP IS VACANT.  
3. USE CLOSED STIRRUPS @ (S1) AREA. OPEN STIRRUPS MAY BE USED (S2) AREA U.N.O.  
4. FOR CONCRETE BEAMS DEEPER THAN 24", ADDITIONAL CONTINUOUS HORIZONTAL #5 BARS TO BE PLACED AT EACH FACE OF BEAM AND SPACED NO GREATER THAN 12" ON CENTER.  
5. AT PERIMETER BEAMS, EXTEND A MINIMUM OF 1/4 OF THE MAXIMUM BOTTOM REINFORCEMENT TO DEVELOP FULL TENSION CAPACITY AND HOOK AT SUPPORT.

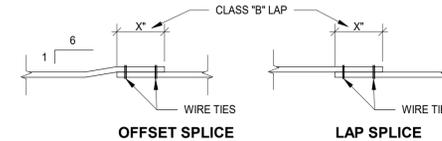
6 TYP. BENDING DIAGRAM FOR RC BEAMS  
S-1.00/ N.T.S



STANDARD HOOKS AND BENDS



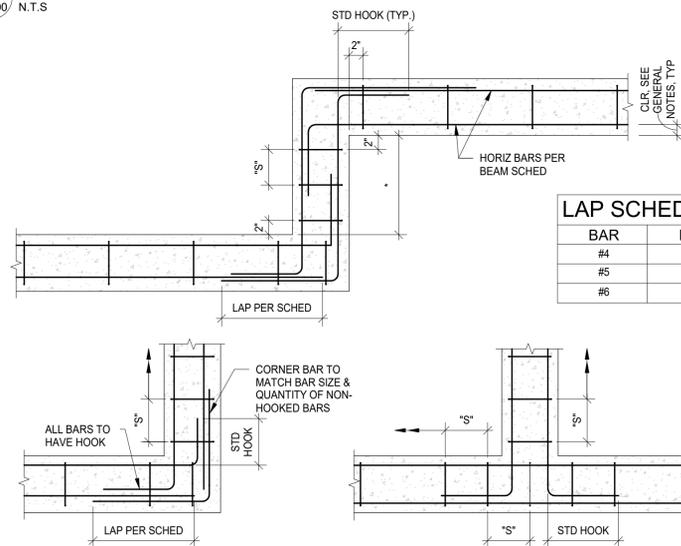
TIES AND STIRRUPS



NOTES:  
1) d = BAR DIAMETER  
2) FOR STANDARD HOOKS AND BENDS  
D = 6 d FOR #3 THRU #8  
D = 8 d FOR #9 THRU #11  
3) FOR TIES AND STIRRUPS  
D = 4 d FOR #3 THRU #5  
4) REFER TO TYPICAL WALL CONSTRUCTION NOTES FOR VERTICAL REINF. SPLICE REQ'S

CLASS "B" LAP	
BAR SIZE	X
#3	22"
#4	30"
#5	36"
#6	44"
#7	66"
#8	74"
#9	84"

7 TYP. REINFORCING DETAILING DETAIL  
S-1.00/ N.T.S

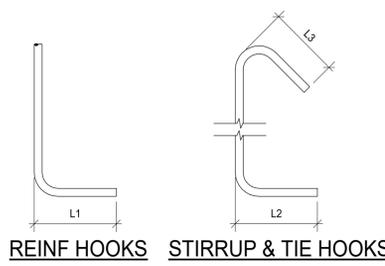


BAR	LAP
#4	2'-0"
#5	2'-6"
#6	3'-6"

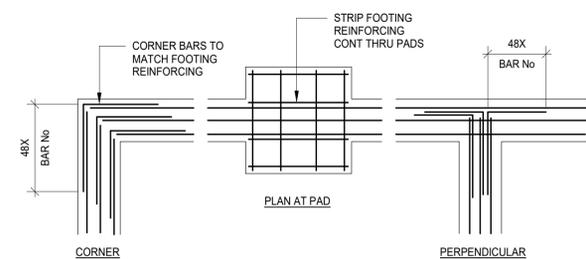
CORNER DETAIL NOTES:  
"S" INDICATED STIRRUP REINFORCING SPACING AS PER BEAM SCHEDULE / STRUCTURAL NOTES  
\* APPLIES TO DIMENSIONS LESS THAN 2 TIMES LAP SPLICE OF BARS.

8 TYP. TIE BEAM CORNER PLAN DETAILS  
S-1.00/ N.T.S

BAR SIZE	STANDARD HOOK LENGTHS		
	REINF HOOK	STIRRUP & TIE HOOKS	
	L1	L2	L3
#3	6"	4"	2 1/2"
#4	8"	4 1/2"	3"
#5	10"	-	-
#6	1'-0"	-	-
#7	1'-2"	-	-
#8	1'-4"	-	-
#9	1'-7"	-	-
#10	1'-10"	-	-
#11	2'-0"	-	-



9 TYP. REINFORCING HOOK DETAILS  
S-1.00/ N.T.S



10 TYP. FOOTING INTERSECTION DETAIL  
S-1.00/ N.T.S

LINTEL SPAN	LINTEL DESIGNATION	REMARKS
UP TO 4'-0"	8 F8-1B 12F8-2B	
FROM 4'-0" TO 6'-0"	8 F8-1B/1T 12F8-2B	
FROM 6'-1" TO 8'-0"	8 F16-1B/1T 12F16-2B/2T	
FROM 8'-1" TO 10'-0"	8 F24-2B/2T 12F24-2B/2T	
FROM 10'-1" TO 13'-0"	8 F32-2B/2T 12F32-2B/2T	
OVER 13'-0"	CAST IN PLACE BEAM	

NOTES:  
1. LINTELS SHALL BE "CAST -CRETE" OR EQUIVALENT PRECAST CONCRETE U.N.O.  
2. LINTELS SHALL BEAR 5" MIN. ON CMU CONCRETE AND 3" MIN ON STEEL ANGLES.

11 LINTEL SCHEDULE  
S-1.00/ N.T.S



RICARDO A. MADRIZ  
FL P.E. # 68444  
SEPTEMBER 6, 2024



Consulting Structural Engineers  
Certificate of Authorization No. 29348

VERIFY SCALES  
0 = 1/4" = 1'  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

3440 N.E. 12TH AVENUE  
OAKLAND PARK, FL 33334  
PH: 954-324-4730  
FAX: 954-653-4170

NOTE: MUE22040701  
THESE DRAWINGS, ALONG WITH THE ARCHITECTURAL DRAWINGS, AND PROJECT MANUAL CONSTITUTE A SINGULAR CONTRACT DOCUMENT AND MUST BE USED TOGETHER IN THEIR ENTIRETY IN THE CONSTRUCTION OF THIS PROJECT.  
TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTER 553 AND CHAPTER 633 OF THE FLORIDA STATUTES.  
DETAILS AND VIEWS ON THIS SHEET ARE TO SCALE INDICATED WHEN PRINTED ON A 24"x36" SIZE SHEET.

NO.	REVISION	DATE
1	PERMIT/BD SET	09/06/2024

CONSULTANT:

SW MEADOWS  
SANCTUARY IMPROVEMENTS

163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.

4510 WEST BROWARD BOULEVARD  
PLANTATION, FLORIDA 33351  
PHONE: 954-353-1333  
FAX: 954-353-1333  
WWW.CPZARCHITECTS.COM



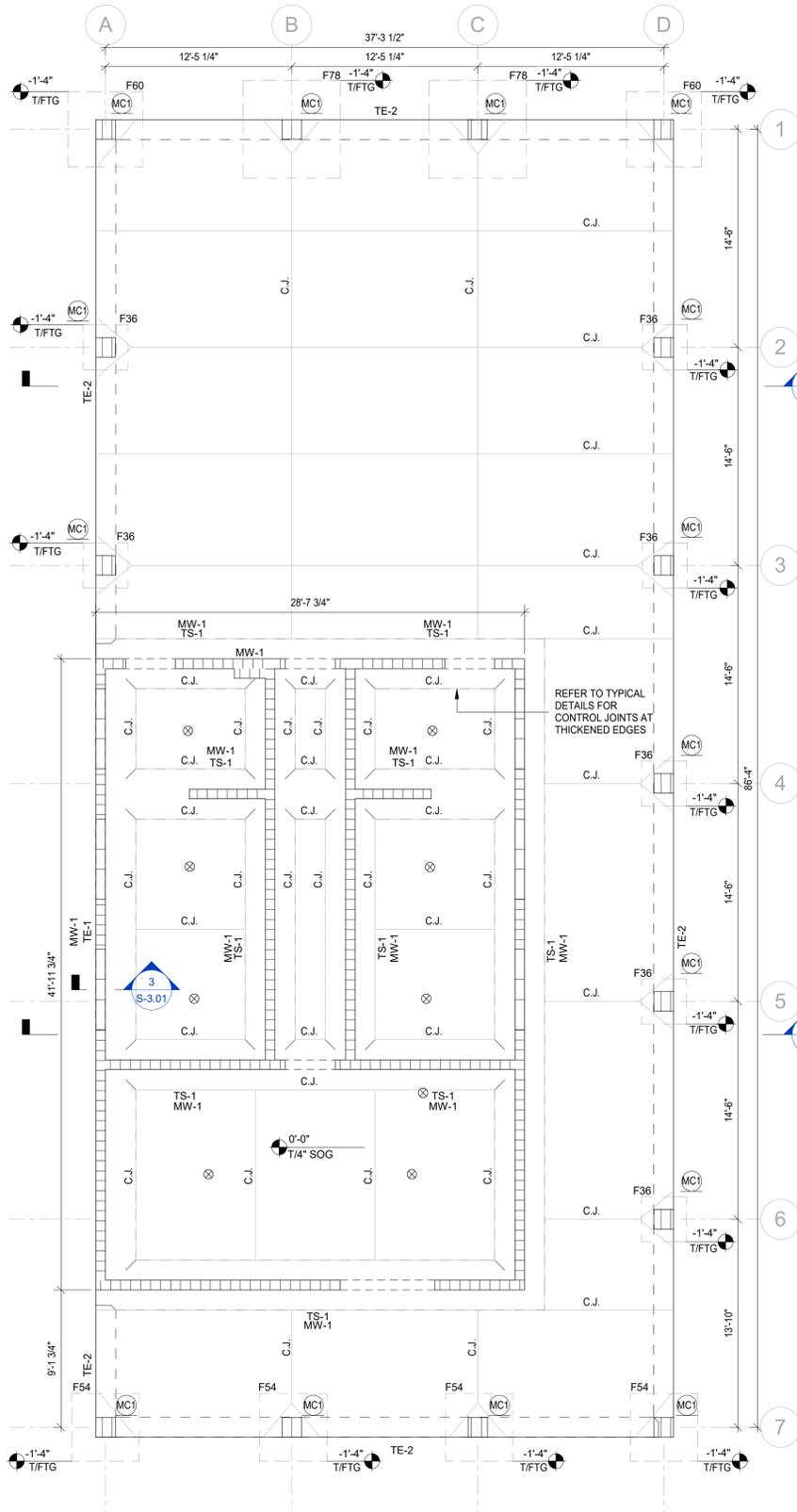
DRAWING TITLE:

TYPICAL DETAILS

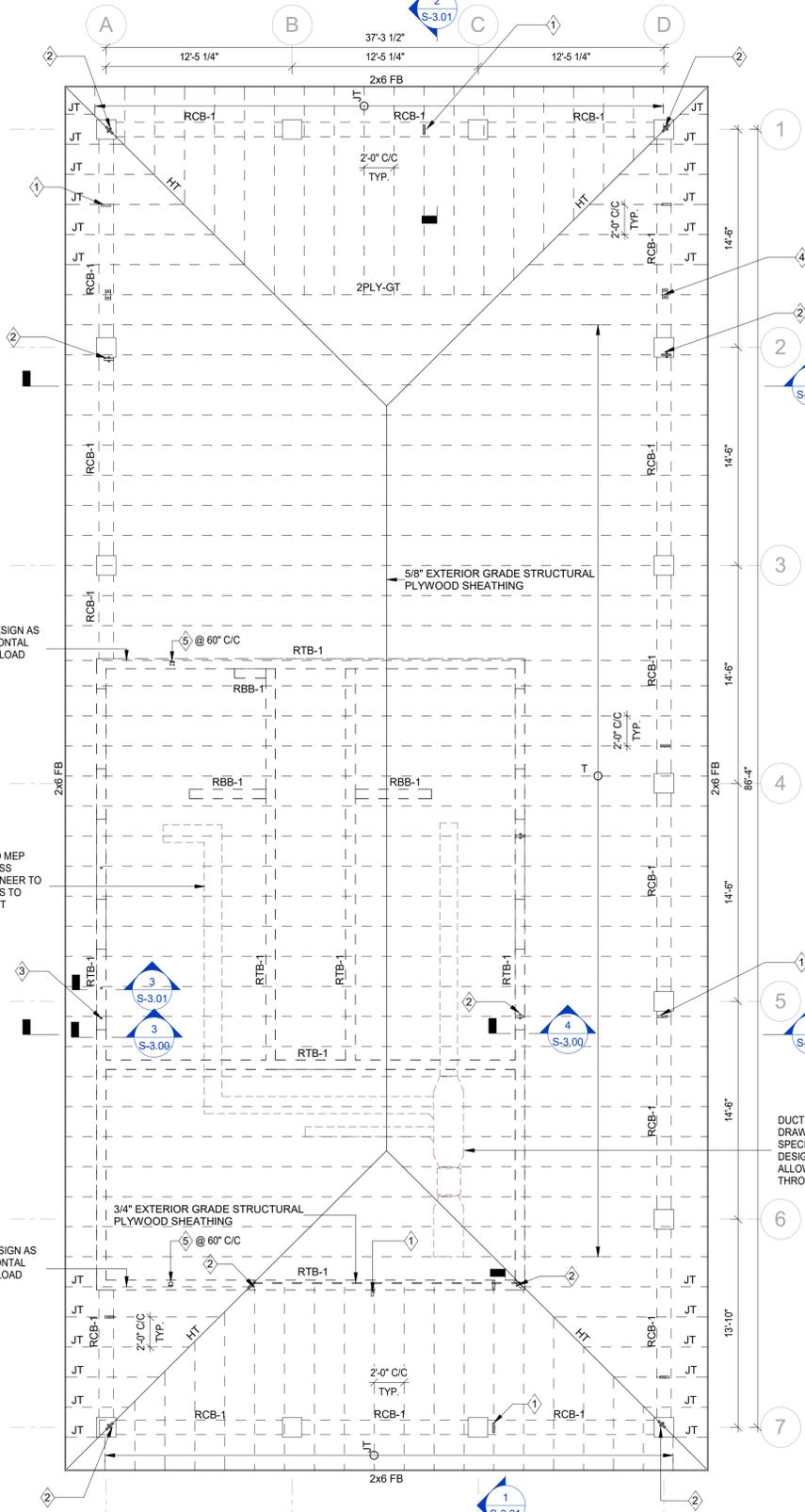
DRAWN: SC  
CHECKED: RM  
DATE: 09/06/2024  
SCALE: As Indicated  
PROJECT NO: 2241B  
SHEET:

S-1.00





**1 GROUND FLOOR PLAN**  
 S-2.00 / 3/16" = 1'-0"  
 NORTH



**2 ROOF FRAMING PLAN**  
 S-2.00 / 3/16" = 1'-0"  
 NORTH

- FOUNDATION/GROUND FLOOR PLAN NOTES:**
- GC MUST BE RESPONSIBLE TO STABILIZE FOUNDATION OF EXISTING STRUCTURE.
  - GC MUST BE RESPONSIBLE TO STABILIZE SOILS BEFORE EXCAVATING NEXT TO EXISTING STRUCTURE.
  - FOR DIMENSIONS NOT SHOWN SEE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS.
  - VERIFY ALL DIMENSIONS, ELEVATIONS AND SLAB FINISHES WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCING CONSTRUCTION.
  - PLUMBING PIPES, EXFILTRATION PIPES, ETC. SHALL NOT BE LOCATED BELOW OR INSIDE ANY COLUMN FOUNDATIONS, WALL FOUNDATIONS AND FOUNDATION SLABS.
  - SLAB OPENINGS SHOWN ON THESE PLANS ARE DIAGRAMMATIC ONLY.
  - COORDINATE ALL SLAB ON GRADE DEPRESSION SIZES, DEPRESSION LOCATIONS AND SLAB ON GRADE SLOPES WITH ARCHITECTURAL DRAWINGS.
  - COORDINATE ALL SLAB DEPRESSION SIZES AND LOCATIONS WITH ARCHITECTURAL DRAWINGS.
  - CENTERLINES OF COLUMNS AND WALLS MUST COINCIDE WITH THE FOUNDATION CENTERLINES UNLESS SHOWN OTHERWISE.
  - ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS REFER TO ELEVATION 0'-0" WHICH CORRESPONDS TO THE TOP OF THE INTERIOR GROUND FLOOR CONCRETE SLAB.
  - TOP OF THE INTERIOR GROUND FLOOR CONCRETE SLAB CORRESPONDS TO DATUM 7.0 FEET N.A.V.D.
  - ALL FOOTINGS TO BE POURED MONOLITHIC WITH SLAB-ON-GRADE, (UNLESS OTHERWISE NOTED).
  - SLAB ON GRADE MUST BE A MINIMUM 4" THICK CONCRETE SLAB WITH ONE LAYER OF 6X6 - W1.4 X W1.4 WELDED WIRE FABRIC AT 1/3-DEPTH FROM TOP OF SLAB UNLESS OTHERWISE NOTED. WIRE FABRIC MUST BE PROVIDED IN SHEETS AND SECURED TO BRICK CHAIRS AT MAXIMUM 24" ON CENTERS IN EACH DIRECTION. REFERENCE CIVIL ENGINEERS CONSTRUCTION DOCUMENTS FOR SLOPES AND DRAINS.
  - SLAB MUST BE PLACED ON TOP OF A VAPOR BARRIER ON WELL COMPACTED FILL.
  - SLAB CONTRACTION / CRACK CONTROL JOINTS ARE REQUIRED AND ARE INDICATED AS C.J. ON PLAN. CONTRACTION JOINTS MUST BE SAW CUT. THE CONTROL JOINTS MUST BE INSTALLED AS SOON AS THE CONCRETE IS WALKABLE BUT NO LONGER THAN FOUR HOURS OF PLACING THE CONCRETE. CONTRACTION JOINT LOCATION SHOWN MAY BE CHANGED AS REQUIRED FOR CONSTRUCTION SEQUENCING PROVIDED THE MAXIMUM DISTANCE BETWEEN JOINTS MUST BE LESS THAN 12 FEET; THE SLAB AREA BETWEEN JOINTS MUST BE LESS THAN 144 SQUARE FEET; THE BOUNDED AREA SHALL BE AS SQUARE AS POSSIBLE AND IN NO CASE MUST THE RATIO OF LONG SIDE TO SHORT SIDE EXCEED 1.5.
  - PROVIDE AN 8" WIDE AND 8" DEEP THICKENED CONCRETE EDGE REINFORCED WITH #6 CONTINUOUS REINFORCING BAR CENTERED WITHIN THE THICKENED SLAB EDGE AT ALL FREE SLAB ON GRADE SLAB EDGES. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS/LIMITS.
  - CONTRACTOR NOTE THAT MISCELLANEOUS 6 INCH DEEP CONCRETE HOUSEKEEPING PADS REINFORCED WITH #4 REINFORCING BARS SPACED AT MAXIMUM 12 INCHES ON CENTER IN EACH DIRECTION AND LOCATED AT MID SLAB DEPTH WILL BE REQUIRED TO SUPPORT MISCELLANEOUS MECHANICAL/ELECTRICAL EQUIPMENT. REFER TO MECHANICAL/ELECTRICAL DRAWINGS FOR LOCATIONS/SIZES. THE CONCRETE PADS MUST BE CENTERED ON THE MECHANICAL / ELECTRICAL EQUIPMENT AND EXTEND A MINIMUM 6" BEYOND THE EQUIPMENT ALONG ALL FREE EDGES.
  - SLAB CURING IS REQUIRED. SEE STRUCTURAL NOTES.
  - CONCRETE MIXES FOR ALL EXTERIOR CONCRETE COMPONENTS SHALL INCLUDE BARRIER ONE CONCRETE ADMIXTURE IN THEIR MIX DESIGNS.
  - AT CMU WALLS, PROVIDE ONE ADDITIONAL VERTICAL REINFORCING BAR IN A GROUT FILLED CELL AT ALL WALL INTERSECTIONS, AT ENDS OF WALLS AND AT EDGES OF ALL WALL OPENINGS EXCEEDING TWO FEET IN WIDTH. SEE STRUCTURAL NOTES ON SHEET S-0-00 FOR ADDITIONAL REQUIREMENTS.
  - REINFORCE THE CELL ON EACH SIDE OF WALL OPENINGS LESS THAN 3'-4" WIDE WITH (1) #5 VERTICAL REINFORCING BAR AND FILL THE CELL SOLID WITH GROUT.
  - REINFORCE THE TWO CELLS ON EACH SIDE OF WALL OPENINGS BETWEEN 3'-4" AND 6'-4" WIDE WITH (2) #5 VERTICAL BARS AND FILL THE CELLS SOLID WITH GROUT.

- WOOD ROOF NOTES:**
- ROOF FRAMING MUST CONSIST OF PRE-ENGINEERED WOOD TRUSSES SPACED @ 24" C/C MAXIMUM SPACING, EXCEPT WHERE SHOWN OTHERWISE ON PLANS.
  - WOOD TRUSSES AND ALL TRUSS MEMBERS AND CONNECTIONS MUST BE DESIGNED FOR THE ROOF LOADS INDICATED IN THE STRUCTURAL NOTES AND ROOF COMPONENTS AND CLADDING WIND PRESSURES INDICATED IN THE COMPONENTS AND CLADDING DIAGRAM.
  - TRUSS MEMBERS IN CONTACT WITH CONCRETE OR MASONRY, AND AT OTHER LOCATIONS AS SHOWN ON STRUCTURAL DRAWINGS, MUST BE PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH AMERICAN WOOD - PRESERVERS' ASSOCIATION STANDARDS.
  - A SIGNED AND SEALED TRUSS SUBMITTAL INCLUDING TRUSS LAYOUT, TEMPORARY AND PERMANENT TRUSS BRACING REQUIREMENTS, ALL TRUSS TO TRUSS CONNECTIONS, BLOCKING REQUIREMENTS AND SIGNED AND SEALED CALCULATIONS FOR ALL TRUSSES AND ALL TRUSS TO TRUSS CONNECTIONS MUST BE PREPARED BY AN IN FLORIDA REGISTERED PROFESSIONAL STRUCTURAL ENGINEER AND SUBMITTED TO ENGINEERS FOR REVIEW AND APPROVAL AT A MINIMUM 3 WEEKS PRIOR TO TRUSS MANUFACTURING.
  - ROOF PLYWOOD SHEATHING MUST BE MINIMUM 5/8" THICK 3216 APA RATED, EXPOSURE 1 STRUCTURAL PLYWOOD SHEATHING WITH 10D GALVANIZED RING SHANK NAILS SPACED 6" C/C AT ALL SUPPORTS AND PANEL EDGES, AND 4" C/C AT WOOD BLOCKING AND FASCIA.
  - PROVIDE BLOCKING AND PLYWOOD ATTACHMENT WITH 10D RING SHANK NAILS @ 4" C/C AT CONTINUOUS PANEL EDGES; @ 6" C/C AT ALL OTHER PLYWOOD PANEL EDGES; @ 8" C/C IN PANEL FIELD AS SHOWN IN ROOF PLAN.
  - T INDICATES A PRE-ENGINEERED WOOD TRUSSES AT 24" C/C MAX. SPACING
  - JT INDICATES A PRE-ENGINEERED JACK TRUSSES AT 24" C/C MAX. SPACING
  - XPLY-GT INDICATES A GIRDER TRUSS WITH X NUMBER OF PLYS. SEE PLAN FOR MINIMUM PILES REQUIRES.
  - XPLY-HT INDICATES A PRE-ENGINEERED HIP GIRDER TRUSS WITH X NUMBER OF PLYS. SEE PLAN FOR MINIMUM PILES REQUIRES.
  - FB INDICATES A 2X6 P.T. CONTINUOUS FASCIA BOARD CONNECTED TO EACH TRUSS AND EACH OUTRIGGER WITH A MINIMUM OF (2) 10D GALVANIZED RING SHANK NAILS
  - INDIVIDUAL MEMBERS OF MULTIPLE PLY BEAMS AND GIRDERS SUCH AS 2-2X, 3-2X, 4-2X MUST BE CONNECTED TO EACH OTHER WITH (2) 10D RING SHANK NAILS AT 6" C/C U.N.O. ON PLAN
  - ANCHOR ALL WOOD ROOF RAFTERS AND PRE-ENGINEERED ROOF TRUSSES WITH SIMPSON HUS210 HURRICANE ANCHORS AS PER TIE DOWN SCHEDULE OR APPROVED EQUAL AT EACH BEARING, U.N.O.
  - ALL PERMANENTLY EXTERIOR OR EXPOSED HARDWARE SUCH AS BOLTS, THREADED RODS, NUTS, WASHER, NAILS, SCREWS MUST BE STAINLESS STEEL / GALVANIZED
  - FILL CMU WALL CELLS WITHIN 16" AROUND ALL POST-INSTALLED ANCHOR OR DRILLED AND EPOXIED REBAR LOCATIONS SOLID WITH GROUT 48 HOURS PRIOR TO INSTALLING ANCHOR BOLTS
  - INDICATES SIMPSON STRONG TIE TIE DOWN; REFER TO SCHEDULE FOR MORE INFORMATION

DUCT, REFER TO MEP DRAWINGS, TRUSS SPECIALTY ENGINEER TO DESIGN TRUSSES TO ALLOW THE DUCT THROUGH

TRUSS TO BE DESIGN AS A STRUT, HORIZONTAL ULTIMATE WIND LOAD F=10.1 K

DUCT, REFER TO MEP DRAWINGS, TRUSS SPECIALTY ENGINEER TO DESIGN TRUSSES TO ALLOW THE DUCT THROUGH

TRUSS TO BE DESIGN AS A STRUT, HORIZONTAL ULTIMATE WIND LOAD F=2.5 K

NO.	REVISION	DATE
1	PERMIT/BD SET	09/06/2024

CONSULTANT:

**SW MEADOWS SANCTUARY IMPROVEMENTS**  
 SW 163rd Avenue, Southwest Ranches, FL 33331

**CPZ ARCHITECTS, INC.**  
 4510 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 337-0559  
 FAX: (954) 337-0559  
 WWW.CPZARCHITECTS.COM



**MUEngineers, Inc.**  
 Certificate of Authorization No. 29348  
 CONSULTING STRUCTURAL ENGINEERS

RICARDO A. MADRIZ  
 FL P.E. # 68444  
 SEPTEMBER 6, 2024

**VERIFY SCALES**  
 0" = 4'-0"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

3440 N.E. 12TH AVENUE  
 OAKLAND PARK, FL 33334  
 PH: 954-324-4730  
 FAX: 954-653-4170

**NOTE:** MUE22040701  
 THESE DRAWINGS, ALONG WITH THE ARCHITECTURAL DRAWINGS, AND PROJECT MANUAL CONSTITUTE A SINGULAR CONTRACT DOCUMENT AND MUST BE USED TOGETHER IN THEIR ENTIRETY IN THE CONSTRUCTION OF THIS PROJECT.  
 TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTER 553 AND CHAPTER 633 OF THE FLORIDA STATUTES.  
 DETAILS AND VIEWS ON THIS SHEET ARE TO SCALE INDICATED WHEN PRINTED ON A 24"x36" SIZE SHEET.

DRAWING TITLE:  
**GROUND LEVEL & ROOF LEVEL - GENERAL STRUCTURE PLANS**

DRAWN: SC  
 CHECKED: RM  
 DATE: 09/06/2024  
 SCALE: As Indicated

PROJECT NO. 2241B  
 SHEET:

**S-2.00**

AUTOCAD DOC#: 02241B SW Meadows Sanctuaries Pk.MUE22040701.dwg 09/06/2024 2:39:18 PM



















FAN SCHEDULE															
MARK	MANUFACTURER	MODEL	FAN TYPE	MOUNTING	CFM	MOTOR DATA		FAN RPM	DRIVE (BELT/DIRECT)	ELECTRICAL DATA			FAN INTERLOCK TIME CLOCK	WEIGHT (LBS)	NOTES
						ESP (IN)	NOM HP			VFD	V/PH	AMPS			
EF-1	GREENHECK	SQ-120-VG	CENTRIFUGAL	INLINE	1190	0.75	0.5	1471	DIRECT	N	115/1	6.6	N	58	A-H

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

NOTES:

- PROVIDE WITH MANUFACTURER STANDARD ON/OFF CONTROLLER.
- INSTALL PER MANUFACTURER'S RECOMMENDATION.
- PROVIDE WITH GRAVITY BACKDRAFT DAMPER.
- PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
- DIVISION 26 CONTRACTOR TO FURNISH STARTER.
- PROVIDE WITH MANUFACTURER'S FAN SPEED CONTROLLER FOR BALANCING PURPOSES.
- PROVIDE WITH MANUFACTURER'S ELECTRONICALLY COMMUTATED (EC) MOTOR.
- NOMINAL MOTOR HP SHALL BE NO LARGER THAN THE FIRST AVAILABLE NOMINAL MOTOR SIZE GREATER THAN THE BHP.

GRAVITY VENTILATOR SCHEDULE								
MARK	SERVICE	MANUFACTURER	MODEL	CFM	THROAT VELOCITY (FPM)	THROAT AREA (SF)	THROAT DIMENSIONS (W" x L")	NOTES
GV-1	EF-1	GREENHECK	FGR-20x20	1190	428	2.7	20 x 20	A-D

MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND MODEL NUMBERS ONLY. REVIEW THE COMPLETE DESCRIPTION, NOTES AND SPECIFICATIONS TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE MANUFACTURERS LISTED ARE THE BASIS FOR THE DESIGN.

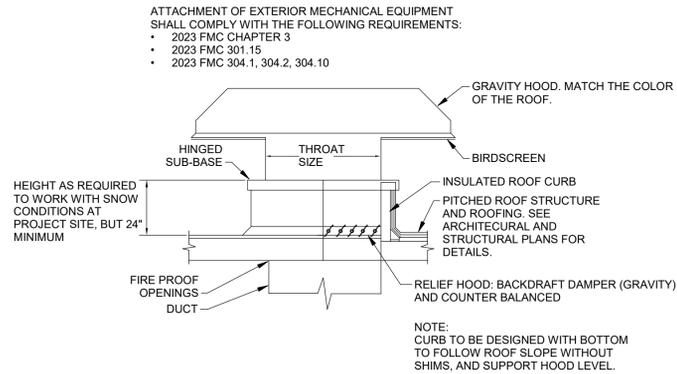
NOTES:

- PROVIDE ALUMINUM BIRD SCREEN.
- PROVIDE WITH FACTORY FABRICATED PITCHED ROOF CURB WITH 1" INSULATION.
- PROVIDE WITH TIE DOWN POINTS FROM FACTORY.
- PROVIDE WITH PERMEATEOR PROTECTIVE COATING FROM FACTORY. CONFIRM COLOR WITH ARCHITECT PRIOR TO PURCHASING.

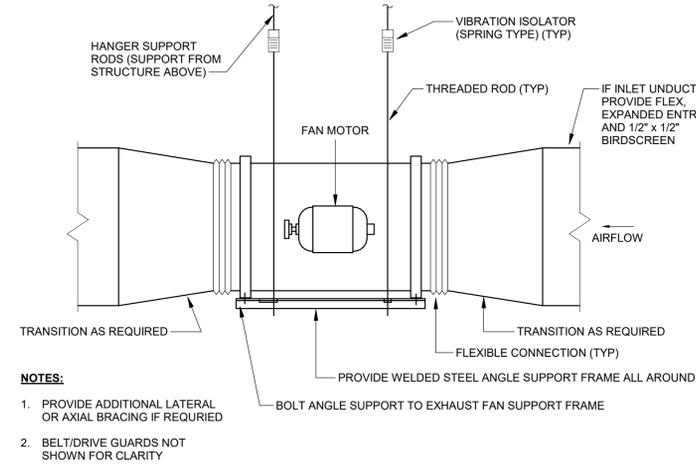
AIR DISTRIBUTION SCHEDULE				
MARK	CFM	NECK SIZE	FACE SIZE LENGTH	DESCRIPTION
A	000-110	6x6	24x24	RETURN / EXHAUST GRILLE
	111-220	6x6	24x24	BASIS OF DESIGN PRICE 80
	221-350	10x10	24x24	STAGGERED CENTERS
	351-530	12x12	24x24	FINISH BY ARCHITECT
	531-730	14x14	24x24	MATERIAL: ALUMINUM
	731-970	16x16	24x24	OPPOSED BLADE DAMPER: YES. INCLUDE TYPE A OPERATOR
	971-1240	18x18	24x24	
	1241-1540	20x20	24x24	
1541-1880	22x22	24x24		

NOTES:

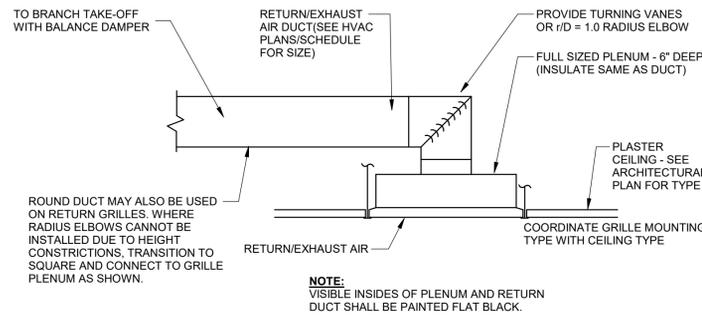
- AIR DISTRIBUTION DEVICES SHALL BE SURFACE MOUNTED IN PLASTER CEILING. SURFACE EACH DEVICE TO CEILING GRID WITH FIELD-FABRICATED SUPPORTS
- ALL AIR DISTRIBUTION SHALL BE COORDINATED WITH ARCHITECT PRIOR PURCHASE. ALL MATERIAL AND FINISHES SHALL BE APPROVED BY ARCHITECT PRIOR TO PURCHASING.



**1 GRAVITY RELIEF HOOD**  
SCALE: NONE



**2 INLINE CENTRIFUGAL FAN**  
SCALE: NONE



**3 RETURN & EXHAUST AIR GRILL**  
SCALE: NONE

NO.	REVISION	DATE
	PROGRESS SET	09.08.2023
	100% DD	10.23.2023
	100% CD	03.01.2024
	PERMIT/BD SET	09.06.2024

CONSULTANT:  
  
 OSBORN ENGINEERING  
 www.osborn-eng.com  
 360 Central Avenue, Suite 1150  
 St. Petersburg, FL 33701  
 (727) 269-0436  
 FL COA 27367

SW MEADOWS  
 SANCTUARY IMPROVEMENTS  
 SW 163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA, 33317  
 PHONE: (954) 792-8825 FAX: (954) 137-0559  
 AA 72600083 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

MECHANICAL SCHEDULES AND DETAILS

DRAWN: JM

CHECKED: ER

DATE: 08.23.2024

SCALE: As Indicated

PROJECT NO. J20230308

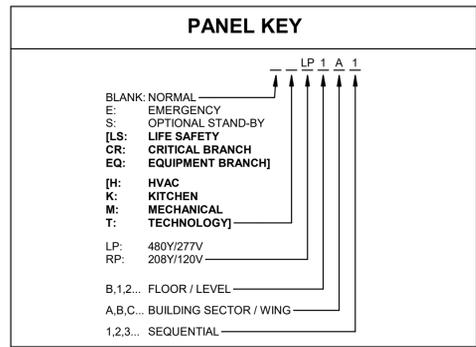
SHEET:

M-701

POWER & EQUIPMENT SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	DENOTES BACKGROUND OR EXISTING TO REMAIN (E).
	DENOTES DEVICES, EQUIPMENT, ETC. EXISTING TO REMAIN (E).
	DENOTES NEW (N) OR RELOCATED (R) DEVICES, EQUIPMENT, ETC.
	DENOTES DEVICES, EQUIPMENT, ETC. TO BE DISCONNECTED AND REMOVED (D&R).
	DENOTES NEW (N) OR RELOCATED (R) CONDUIT, EQUIPMENT, ETC. UNDERGROUND OR BELOW GRADE.
	BRANCH CKT TURNING UP. BRANCH CKT TURNING DOWN. BRANCH CKT TURNING UP AND DOWN.
	UNDERGROUND. UNDER FLOOR/SLAB DUCTBANK, DIRECT BURIED CABLE, CONDUIT/CONDUCTOR. UT = TELECOM; UE = ELECTRICAL
	HOME RUN. HASH MARKS INDICATE CONDUCTOR QUANTITY. HASH MARKS DEFINED AS SHOWN. "#1" INDICATES SIZE OF CONDUCTORS OTHER THAN 12-AWG. ALL UNMARKED HOMERUNS SHALL CONTAIN (2) #12 AWG & (1) #12 AWG GND IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED.
	BRANCH CIRCUITING. "ZZZ" INDICATES PANEL DESIGNATION. "#.#.#" INDICATES CIRCUIT NUMBER(S).
	480Y/277 VOLT, 3-PHASE, 4-WIRE ELECTRICAL DISTRIBUTION TYPE PANELBOARD.
	208Y/120 VOLT, 3-PHASE, 4-WIRE ELECTRICAL DISTRIBUTION TYPE PANELBOARD.
	480Y/277 VOLT, 3-PHASE, 4-WIRE, SURFACE MOUNTED ELECTRICAL PANELBOARD.
	208Y/120 VOLT, 3-PHASE, 4-WIRE, SURFACE MOUNTED ELECTRICAL PANELBOARD.
	DRY-TYPE DISTRIBUTION TRANSFORMER.
	NON-FUSED DISCONNECT SWITCH. "AS" INDICATES SWITCH SIZE. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE.
	FUSED DISCONNECT SWITCH. "AF" INDICATES FUSE SIZE. "AS" INDICATES SWITCH SIZE. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE.
	FUSED CIRCUIT BREAKER SWITCH. "AT" INDICATES CIRCUIT BREAKER TRIP RATING. "AF" INDICATES FUSE SIZE. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE.
	MAGNETIC MOTOR STARTER MOUNTED IN A NEMA ENCLOSURE. "M" INDICATES STARTER SIZE. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE.
	COMBINATION STARTER & FUSED DISCONNECT SWITCH. "M" INDICATES STARTER SIZE. "AF" INDICATES FUSE SIZE. "AS" INDICATES SWITCH SIZE. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE.
	COMBINATION VFD STARTER AND DISCONNECT SWITCH. "WP" INDICATES WEATHERPROOF (NEMA 3R) ENCLOSURE.
	EQUIPMENT PROVIDED BY OTHER DIVISIONS REQUIRING ELECTRICAL CONNECTION(S). COORDINATE EQUIPMENT LOCATION, CONNECTION POINT(S), AND OTHER REQUIREMENTS WITH RESPECTIVE DIVISIONS DRAWINGS, SPECIFICATIONS, AND SHOP DRAWINGS. REFER TO EQUIPMENT CONNECTION SCHEDULES FOR ADDITIONAL REQUIREMENTS. EXAMPLES OF EQUIPMENT REQUIRING ELECTRICAL CONNECTION(S) AS FOLLOWS: "XXXX-##" INDICATES MECHANICAL / PLUMBING / FIRE PROTECTION EQUIPMENT DESIGNATIONS, MATCHING LABELS USED IN THOSE DIVISIONS' CONSTRUCTION DOCUMENTS. "FS-##" INDICATES FOOD SERVICE EQUIPMENT, MATCHING ITEM NUMBER (##) AS SHOWN ON FOOD SERVICE CONSTRUCTION DOCUMENTS. "ELEV-##" INDICATES ELEVATOR, MATCHING DESIGNATION AS SHOWN ON ARCHITECTURAL CONSTRUCTION DOCUMENTS.

OUTLET SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	DUPEX RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R, MOUNTED 18" A.F.F. UNLESS OTHERWISE NOTED. "+XX" INDICATES MOUNTING HEIGHT OTHER THAN 18". "ZZ / ##" INDICATES BRANCH CIRCUITING.
	DOUBLE DUPEX (QUAD) RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R, MOUNTED 18" A.F.F. UNLESS OTHERWISE NOTED. REFER TO ABOVE FOR MOUNTING HEIGHT AND CIRCUITING INFORMATION.
	SINGLE RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R, MOUNTED 18" A.F.F. UNLESS OTHERWISE NOTED. REFER TO ABOVE FOR MOUNTING HEIGHT AND CIRCUITING INFORMATION.
	SPECIAL PURPOSE RECEPTACLE. REFER TO ABOVE FOR MOUNTING HEIGHT AND CIRCUITING INFORMATION. "X" INDICATES THE FOLLOWING: A XX VOLT, X POLE, X WIRE, XX AMP (NEMA X-XXR) COORDINATE EXACT NEMA CONFIGURATION WITH EQUIPMENT PRIOR TO ROUGH-IN.
	CEILING MOUNTED DUPEX RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R. REFER TO ABOVE FOR CIRCUITING INFORMATION. "X" INDICATES THE FOLLOWING: A1 SINGLE GANG WITH SINGLE DUPEX. SEE DETAIL FOR ADDITIONAL INFORMATION. A2 2-GANG WITH DOUBLE DUPEX. SEE DETAIL FOR ADDITIONAL INFORMATION.
	FLOOR MOUNTED RECEPTACLE, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R. REFER TO ABOVE FOR CIRCUITING INFORMATION. "X" INDICATES THE FOLLOWING: A1 SINGLE GANG WITH SINGLE DUPEX. SEE DETAIL FOR ADDITIONAL INFORMATION. A2 2-GANG WITH DOUBLE DUPEX. SEE DETAIL FOR ADDITIONAL INFORMATION.
	FLOOR BOX OR POKE-THROUGH POWER AND TELECOM DEVICE. REFER TO ABOVE FOR CIRCUITING INFORMATION. "X" INDICATES THE FOLLOWING: B 2-GANG FLOOR BOX WITH ONE DUPEX RECEPTACLE AND SINGLE GANG FOR TELECOM. SEE DETAIL FOR ADDITIONAL INFORMATION. C 3-GANG FLOOR BOX WITH ONE DUPEX RECEPTACLE AND 2-GANGS FOR TELECOM. SEE DETAIL FOR ADDITIONAL INFORMATION. D 6-GANG FLOOR BOX WITH TWO DUPEX RECEPTACLES AND 4-GANGS FOR TELECOM AND/OR AUDIO-VISUAL. SEE DETAIL FOR ADDITIONAL INFORMATION. E FIRE RATED POKE-THROUGH. SEE DETAIL FOR ADDITIONAL INFORMATION.
	DEVICE MOUNTED 8" ABOVE COUNTER. REFER TO ABOVE FOR TYPE AND CIRCUITING INFORMATION.
	DEVICE ON EMERGENCY POWER. REFER TO ABOVE FOR TYPE AND CIRCUITING INFORMATION.
	JOB SPECIFIC OPTION. REFER TO ABOVE FOR TYPE AND CIRCUITING INFORMATION.
	RECEPTACLES WITH ADDITIONAL SUBSCRIPT DESIGNATES TYPE OR SPECIFIC REQUIREMENTS AS FOLLOWS: G GROUND FAULT CIRCUIT INTERRUPTER TYPE. AC DEVICE MOUNTED 8" ABOVE COUNTER. AV DEVICE MOUNTED ADJACENT TO TELECOMMUNICATION DEVICE. EWC ELECTRIC WATER COOLER (GFCI TYPE, COORDINATE WITH WATER COOLER). E CIRCUITED TO EMERGENCY POWER. IG ISOLATED GROUND. TR TAMPER RESISTANT TYPE. WP WEATHERPROOF "WHILE-IN-USE" (HUBBELL #WPP26E) COVER.
	JUNCTION BOX (SIZED AS REQUIRED PER N.E.C. ARTICLE 314).
	FRACTIONAL HORSEPOWER MOTOR STARTER - 120 VOLT, 20 AMP, 1 POLE, PILOT LIGHT, UNLESS OTHERWISE NOTED.

ONE-LINE DIAGRAM SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DENOTES NEW (N) OR RELOCATED (R) BUSSING, FEEDER, ETC.		COMBINATION STARTER AND MOTOR CIRCUIT PROTECTOR. STARTER AND MOTOR CIRCUIT PROTECTOR SIZES AS NOTED.
	AUTOMATIC TRANSFER SWITCH. NUMBER OF POLES AND AMPERAGE RATING AS NOTED OR SCHEDULED.		COMBINATION STARTER AND FUSED DISCONNECT SWITCH. STARTER, FUSE, AND SWITCH SIZES AS NOTED.
	DRY TYPE TRANSFORMER. KVA, PHASE, PRIMARY AND SECONDARY RATING AS NOTED OR SCHEDULED.		COMBINATION STARTER AND FUSED DISCONNECT SWITCH. STARTER, FUSE, AND SWITCH SIZES AS NOTED.
	PANELBOARD. DESIGNATION AS NOTED. SEE PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.		COMBINATION STARTER AND FUSED DISCONNECT SWITCH. STARTER, FUSE, AND SWITCH SIZES AS NOTED.
	MOLDED CASE CIRCUIT BREAKER. FRAME AND TRIP SIZES AS NOTED.		COMBINATION STARTER AND FUSED DISCONNECT SWITCH. STARTER, FUSE, AND SWITCH SIZES AS NOTED.
	MOLDED CASE CIRCUIT BREAKER WITH SHUNT TRIP OPERATOR. FRAME AND TRIP SIZES AS NOTED.		THREE PHASE GENERATOR. SIZE AS NOTED OR SCHEDULED.
	LOW VOLTAGE FUSED DISCONNECT SWITCH. FUSE AND DISCONNECT SWITCH SIZES AS NOTED.		THREE PHASE MOTOR. HORSEPOWER AS NOTED OR SCHEDULED. "XX" INDICATES MOTOR DESIGNATION.
	LOW VOLTAGE DISCONNECT SWITCH. DISCONNECT SWITCH SIZE AS NOTED.		SPACE IN CIRCUIT BREAKER OR FUSED SWITCH DISTRIBUTION PANELBOARD. FRAME SIZE AS NOTED.
	LOW VOLTAGE FUSE. SIZE AS NOTED.		DELTA TO WYE CONNECTED WIRING
	SPD SURGE PROTECTIVE DEVICE.		CONTROL POWER TRANSFORMER (CPT) OR POTENTIAL TRANSFORMER (PT).
	GFP GROUND FAULT PROTECTION.		CURRENT TRANSFORMER. SIZE AS REQUIRED.
	C CONTACTOR.		NEUTRAL BUS TO GROUND BUS BONDING.
	M METERING.		MEDIUM VOLTAGE FUSED DISCONNECT SWITCH. FUSE SIZE AS NOTED.
	EPO EMERGENCY POWER OFF PUSHBUTTON.		MEDIUM VOLTAGE FUSE. SIZE AS NOTED.
	VFD VARIABLE FREQUENCY DRIVE PROVIDED BY DIVISION 23.		LOW VOLTAGE BOLTED PRESSURE FUSED SWITCH. FUSE AND DISCONNECT SWITCH SIZES AS NOTED.
	EC ELEVATOR CONTROLLER PROVIDED BY DIVISION 14.		MEDIUM VOLTAGE FUSED DISCONNECT SWITCH. FUSE SIZE AS NOTED.
	HAND/OFF/AUTO SWITCH.		LOW VOLTAGE BOLTED PRESSURE FUSED SWITCH. FUSE AND DISCONNECT SWITCH SIZES AS NOTED.
	FEEDER DESIGNATION. REFER TO FEEDER SCHEDULE(S) FOR FEEDER SIZE.		MEDIUM VOLTAGE FUSED DISCONNECT SWITCH. FUSE SIZE AS NOTED.



LIGHTING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	ROOM LIGHTING CIRCUIT TAG. ALL FIXTURES IN ROOMSPACE TO BE CIRCUITED TO PANEL "ZZZ" / CIRCUIT NUMBER(S) "#.#.#" AS INDICATED, UNLESS OTHERWISE NOTED.
	RECESSED LUMINAIRE. "X" INDICATES TYPE; "Y" INDICATES SWITCHING; "#" BRANCH CIRCUITING. SEE LUMINAIRE SCHEDULE.
	SURFACE MOUNTED LUMINAIRE. "X" INDICATES TYPE; "Y" INDICATES SWITCHING; "#" BRANCH CIRCUITING. SEE LUMINAIRE SCHEDULE.
	LUMINAIRE WITH INTEGRAL EMERGENCY BATTERY PACK OR WIRED TO EMERGENCY CIRCUIT (LIFE SAFETY). "NL" DENOTES NIGHT LIGHT WITH 24/7 OPERATION. SEE LUMINAIRE SCHEDULE.
	LUMINAIRE WITH INTEGRAL EMERGENCY BATTERY PACK OR WIRED TO EMERGENCY CIRCUIT (CRITICAL BRANCH). "NL" DENOTES NIGHT LIGHT WITH 24/7 OPERATION. SEE LUMINAIRE SCHEDULE.
	RECESSED DOWN LIGHT OR WALL WASH. SEE LUMINAIRE SCHEDULE.
	SURFACE MOUNTED DOWNLIGHT OR WALL WASH. SEE LUMINAIRE SCHEDULE.
	LINEAR PENDANT MOUNTED LUMINAIRE. SEE LUMINAIRE SCHEDULE.
	ROUND PENDANT MOUNTED LUMINAIRE. SEE LUMINAIRE SCHEDULE.
	WALL MOUNTED LUMINAIRE. SEE LUMINAIRE SCHEDULE.
	TRACK LIGHTING LUMINAIRE SYSTEM. SEE LUMINAIRE SCHEDULE.
	ILLUMINATED EXIT SIGNAGE LUMINAIRE - CEILING MOUNTED. REFER TO PLANS FOR FACING AND CHEVRON CONFIGURATION. SEE LUMINAIRE SCHEDULE.
	ILLUMINATED EXIT SIGNAGE LUMINAIRE - WALL MOUNTED. REFER TO PLANS FOR FACING AND CHEVRON CONFIGURATION. SEE LUMINAIRE SCHEDULE.
	ILLUMINATED EXIT SIGN LUMINAIRE WITH INTEGRAL EMERGENCY HEAD(S). REFER TO PLANS FOR FACING AND CHEVRON CONFIGURATION. SEE LUMINAIRE SCHEDULE.
	EMERGENCY LIGHTING BATTERY UNIT WITH HEADS AS INDICATED. SEE LUMINAIRE SCHEDULE.
	REMOTE MOUNTED EMERGENCY LIGHTING HEAD (SINGLE OR DOUBLE AS INDICATED ON PLANS). SEE LUMINAIRE SCHEDULE.
	SINGLE POLE, 120/277V, 20A TOGGLE SWITCH. "X" INDICATES THE FOLLOWING: 3 THREE WAY 4 FOUR WAY K KEY OPERATED P PILOT LIGHT DS PASSIVE INFRARED LOW VOLTAGE OCCUPANCY SENSOR SWITCH WITH INTEGRAL 0-10V DIMMING DT DUAL TECHNOLOGY LOW VOLTAGE OCCUPANCY SENSOR SWITCH WITH INTEGRAL 0-10V DIMMING OS LOW VOLTAGE DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH (OS2 = 2 ZONE CONTROL) PI PASSIVE INFRARED LOW VOLTAGE OCCUPANCY SENSOR TS TIMER SWITCH WITH AUDIBLE AND FLICKER TIMEOUT WARNING; MC LOW VOLTAGE MOMENTARY CONTACT SWITCH LV LOW VOLTAGE RELAY CONTROL TYPE LVA LOW VOLTAGE 1-ZONE ON/OFF ONLY LVB LOW VOLTAGE 1-ZONE ON/OFF WITH DIMMING LVC LOW VOLTAGE 2-ZONE ON/OFF ONLY LVD LOW VOLTAGE 2-ZONE ON/OFF WITH DIMMING LVE LOW VOLTAGE 4-ZONE ON/OFF ONLY LVF LOW VOLTAGE SCENE CONTROL WITH DIMMING LVG LOW VOLTAGE GRAPHIC WALL POD LVH LOW VOLTAGE 3-GANG TOUCH SCREEN y LOWERCASE LETTER INDICATES SCENE CONTROL OF SPECIFIC LUMINAIRES Z1 LOW VOLTAGE PRIMARY DAYLIGHT HARVESTING ZONE Z2 LOW VOLTAGE SECONDARY DAYLIGHT HARVESTING ZONE
	LOW VOLTAGE OCCUPANCY/VACANCY SENSOR WITH 20 AMP RATED POWER PACK. "X" DENOTES THE FOLLOWING: DT DUAL TECHNOLOGY. PI PASSIVE INFRARED. US ULTRASONIC. PC PHOTOCELL (INTERIOR) PD COMBINATION PHOTOCELL/DUAL TECHNOLOGY SENSOR
	LOW VOLTAGE OCCUPANCY/VACANCY SENSOR WITH 20 AMP RATED POWER PACK. "X" DENOTES THE FOLLOWING: DT DUAL TECHNOLOGY. PI PASSIVE INFRARED. US ULTRASONIC. PC PHOTOCELL (INTERIOR) PD COMBINATION PHOTOCELL/DUAL TECHNOLOGY SENSOR
	PHOTOCELL MOUNTED ON ROOF FACING NORTH
	EMERGENCY GENERATOR TRANSFER DEVICE. SEE DETAILS FOR ADDITIONAL INFORMATION.
	SURFACE MOUNTED LIGHTING CONTROL RELAY PANEL. REFER TO DETAILS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
	ASTRONOMICAL DIGITALLY CONTROLLED 4 ZONE LIGHTING CONTROL TIME SWITCH - TORK: 'DLC400BP' WITH PHOTOCELL; 'EPC2' AND TIMED OVERRIDE SWITCH; 'SSA200R-24'. COORDINATE INITIAL PROGRAMMING WITH OWNER. PROVIDE INITIAL PROGRAMMING AS REQUIRED.
	ELECTRICALLY HELD CONTACTOR. REFER TO WIRING DIAGRAMS FOR ADDITIONAL INFORMATION.
	120V LIGHTING POWER PACK RELAY.

ABBREVIATIONS		
GENERAL		RACEWAY TYPES
AC	ABOVE COUNTER	AC ARMORED CABLE
AFF	ABOVE FINISHED FLOOR	C CONDUIT
AFG	ABOVE FINISHED GRADE	EMT ELECTRIC METALIC TUBING
AL	ALUMINUM	MC METAL CLAD
ATS	AUTOMATIC TRANSFER SWITCH	PVC POLY(VINYL) CHLORIDE
CB	CIRCUIT BREAKER	RGS RIGID GALVANIZED STEEL
CKT	CIRCUIT	
CP	CONTROL PANEL	
CR	CRITICAL BRANCH	AC AIR CONDITIONING UNIT
CT	CURRENT TRANSFORMER	ACC AIR COOLED CHILLER
CU	COPPER	AHU AIR HANDLING UNIT
EG	EQUIPMENT GROUND	B BOILER
ELEV	ELEVATOR	BA BUILDING AUTOMATION SYSTEM
EM	EMERGENCY	CH CHILLER
GAP	GENERATOR ANNUNCIATOR PANEL	CU CONDENSING UNIT
GEC	GROUNDING ELECTRODE CONDUCTOR	CUH CABINET UNIT HEATER
GEN	GENERATOR	DDC DIGITAL DIRECT CONTROL SYSTEM
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	EF EXHAUST FAN
GFP	GROUND FAULT PROTECTION	EUH ELECTRIC UNIT HEATER
GND	GROUND	EWC ELECTRIC WATER COOLER
IG	ISOLATED GROUND	EWV ELECTRIC WATER HEATER
IPP	ISOLATED POWER PANEL	F FURNACE
LCP	LIGHTING CONTROL PANEL	FCU FAN COIL UNIT
LS	LIFE SAFETY	FPVAV FAN-POWERED VARIABLE AIR VOLUME
LTG	LIGHTING	HP HEAT PUMP
MCB	MAIN CIRCUIT BREAKER	MAU MAKE-UP AIR UNIT
MCC	MOTOR CONTROL CENTER	P PUMP
MDP	MAIN DISTRIBUTION PANEL	RTU ROOFTOP UNIT
MEGB	MAIN ELECTRIC GROUND BUS	SAHU SPLIT SYSTEM AIR HANDLING UNIT
MLO	MAIN LUG ONLY	UH UNIT HEATER
MTGB	MAIN TECHNOLOGY GROUND BUS	UG UNDERGROUND STORAGE TANK
MTS	MANUAL TRANSFER SWITCH (N.I.C.)	VAV VARIABLE AIR VOLUME
NL	NIGHT LIGHT	
OS	OCCUPANCY SENSOR	
PNL	PANEL	
REC	RECEPTACLE	
SB	OPTIONAL STAND-BY	
SE	SERVICE ENTRANCE	
SW	SWITCH	
SWBD	SWITCHBOARD	
UC	UNDER COUNTER	
UG	UNDERGROUND	
UPS	UNINTERRUPTIBLE POWER SUPPLY	
VFD	VARIABLE FREQUENCY DRIVE	
VP	VANDAL PROOF	
VT	VOLTAGE TRANSFORMER	
WIU	WHILE IN USE	
WP	WEATHERPROOF	

-All Sheet List	
Sheet Number	Sheet Name
E-001	ELECTRICAL SYMBOL LEGEND
E-002	ELECTRICAL NOTES
E-011	ELECTRICAL SPECIFICATIONS
E-012	ELECTRICAL SPECIFICATIONS
E-013	ELECTRICAL SPECIFICATIONS
E-100	SITE ELECTRICAL PLAN
E-100A	BUILDING PHOTOMETRIC PLANS
E-201	POWER AND LIGHTING PLAN
E-501	TYPICAL LIGHTING DETAILS
E-511	POWER DETAILS AND DIAGRAMS
E-512	SITE POWER DETAILS
E-521	ELECTRICAL GROUNDING RISER AND DETAILS
E-601	ELECTRICAL ONE LINE DIAGRAM, SCHEDULES, AND REPORTS

NO.	REVISION	DATE
	PROGRESS SET	09/08/2023
	100% DD	10/23/2023
	100% CD SET	03/01/2024
	PERMIT/BD SET	09/06/2024

CONSULTANT:  
  
 OSBORN ENGINEERING  
 www.osborneng.com  
 360 Central Avenue, Suite 1150  
 St. Petersburg, FL 33701  
 (727) 269-0436  
 FL COA 27367

SW MEADOWS  
 SANCTUARY IMPROVEMENTS  
 CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 922-8525 FAX: (954) 335-0559  
 AV 22600683 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

ELECTRICAL SYMBOL LEGEND

DRAWN: PB  
 CHECKED: RC  
 DATE: 03/01/2024  
 SCALE:  
 PROJECT NO. J20230308.000  
 SHEET:









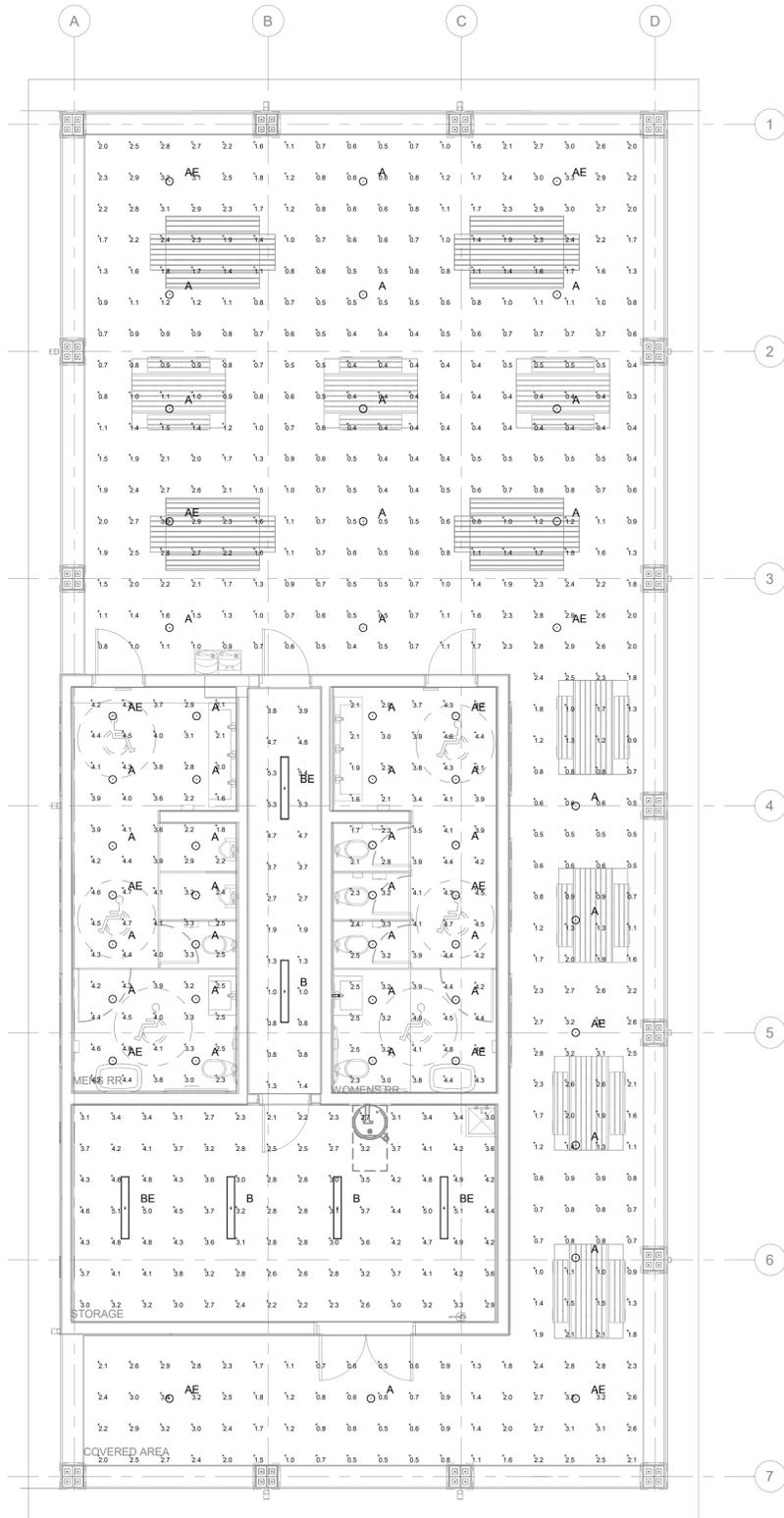


# SW MEADOWS PARK SANCUTARY IMPROVEMENTS INTERIOR EM LIGHTING

Symbol	Qty	Label	Description	Lum. Watts	LLF	Lum. Lumens
⊙	38	A	KIRLIN #: LRC-06VND-1000L-RWF-WFL / MTD AT 10' AFF	9.6	0.001	796
⊙	3	B	BEGHELLI #: BS100LED4HTLOWT40120V-277V-FL / MTD AT 10' AFF	50	0.001	5673
⊙	13	AE	KIRLIN #: LRC-06VND-1000L-RWF-WFL-EM / MTD AT 10' AFF	9.6	0.800	796
⊙	3	BE	BEGHELLI #: BS100LED4HTLOWT40120V-277V-FL-SA / MTD AT 10' AFF	50	0.200	5673

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
COVERED AREA_Floor	ILLUMINANCE	Fc	1.37	3.4	0.3	4.57	11.33
MENS RR_Floor	ILLUMINANCE	Fc	3.56	4.8	1.6	2.23	3.00
STORAGE_Floor	ILLUMINANCE	Fc	3.38	5.4	0.8	4.23	6.75
WOMENS RR_Floor	ILLUMINANCE	Fc	3.53	4.8	1.6	2.21	3.00

Filename: SWMP-2023-06-27E.AGI



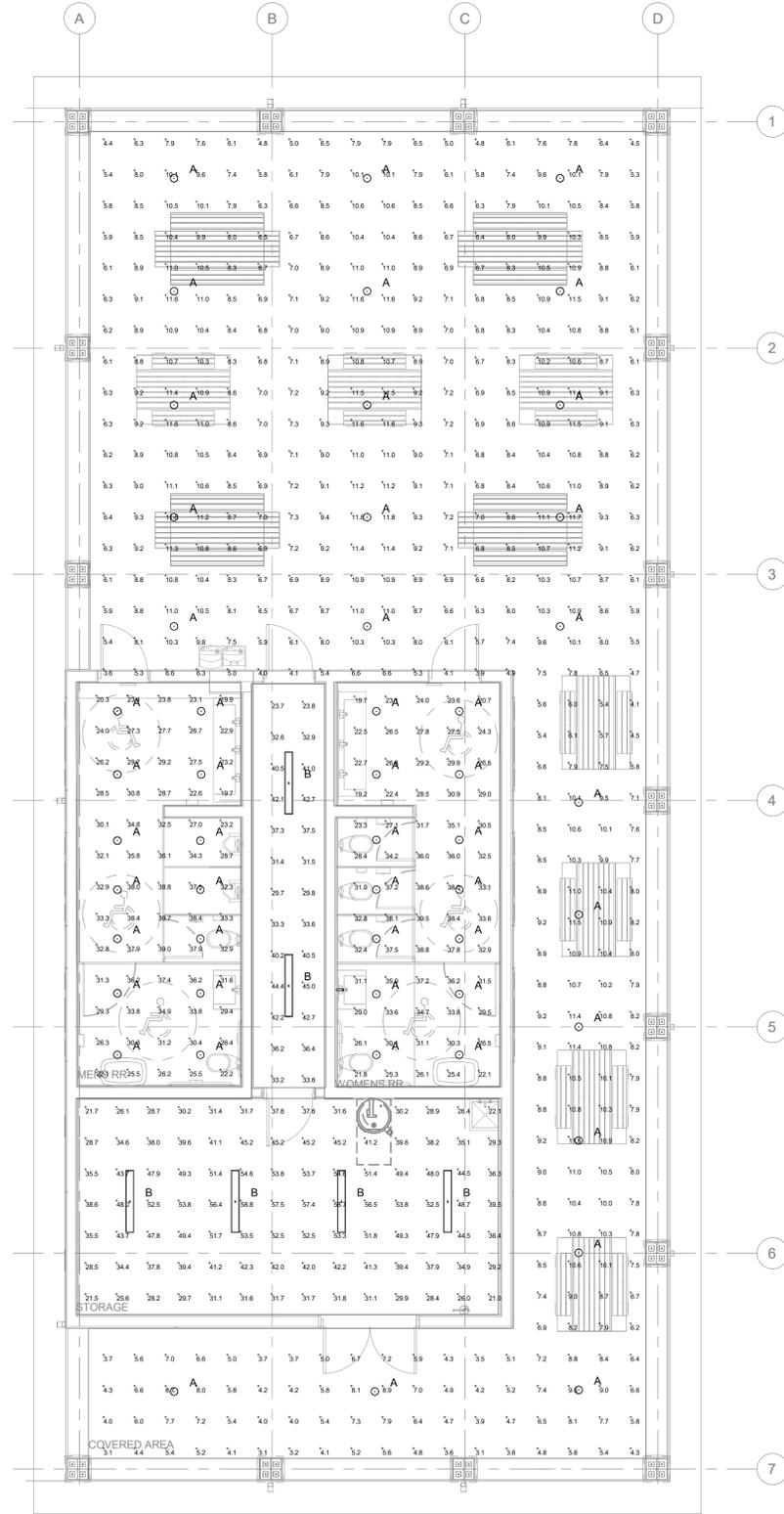
2 BUILDING EM PHOTOMETRIC PLAN  
SCALE: 3/16" = 1'-0"

# SW MEADOWS PARK SANCUTARY IMPROVEMENTS INTERIOR LIGHTING

Symbol	Qty	Label	Description	Lum. Watts	LLF	Lum. Lumens
⊙	51	A	KIRLIN #: LRC-06VND-1000L-RWF-WFL / MTD AT 10' AFF	9.6	0.900	796
⊙	6	B	BEGHELLI #: BS100LED4HTLOWT40120V-277V-FL / MTD AT 10' AFF	50	0.900	5673

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
COVERED AREA_Workplane	ILLUMINANCE	Fc	8.01	11.8	3.1	2.58	3.81
MENS RR_Workplane	ILLUMINANCE	Fc	30.20	39.7	19.7	1.53	2.02
STORAGE_Workplane	ILLUMINANCE	Fc	39.59	58.8	21.5	1.84	2.73
WOMENS RR_Workplane	ILLUMINANCE	Fc	30.12	39.5	19.2	1.57	2.06

Filename: SWMP-2023-06-27.AGI



1 BUILDING PHOTOMETRIC PLAN  
SCALE: 3/16" = 1'-0"

NO.	REVISION	DATE
	PROGRESS SET	09/08/2023
	100% DD	10/23/2023
	100% CD SET	03/01/2024
	PERMIT/BD SET	09/06/2024

CONSULTANT:  
**OSBORN ENGINEERING**  
www.osborn-eng.com  
360 Central Avenue, Suite 1150  
St. Petersburg, FL 33701  
(727) 269-0436  
FL COA 27367

SW MEADOWS  
SANCTUARY IMPROVEMENTS  
SW 165th Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
4316 WEST BROWARD BOULEVARD  
PLANTATION, FLORIDA 33317  
PHONE: (954) 925-8255 FAX: (954) 335-0559  
AV 23000083 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

BUILDING  
PHOTOMETRIC  
PLANS

DRAWN: TA  
CHECKED: RC  
DATE: 03/01/2024  
SCALE: 3/16" = 1'-0"  
PROJECT NO. J20230308.000  
SHEET:

E-100A

A:\work\2023\2023 SW Meadows Park\20230308.000\_Southwest\_Ranches\_Sanctuary\_Improvements\_Sanctuary\_ELEC-R231.rvt  
 03/01/2024 4:55:38 PM















**DIVISION 22 - PLUMBING SPECIFICATIONS**

**A. GENERAL**

- 1. THE WORK COVERED BY THIS SECTION OF THE SPECIFICATIONS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS AND SERVICE NECESSARY FOR, AND REASONABLY INCIDENTAL TO, THE PROPER COMPLETION OF ALL PLUMBING WORK SHOWN ON THE DRAWINGS AND HEREIN SPECIFIED.
- 2. ALL PIPES, FITTINGS, ACCESSORIES UTILIZED TO CONVEY POTABLE WATER SHALL COMPLY WITH NSF 61 AND NSF 372.
- 3. THE CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY INSPECT CONDITIONS AFFECTING THE WORK BEFORE SUBMITTING BID. ASSUME RESPONSIBILITY FOR MEETING ALL EXISTING CONDITIONS INCLUDING ACCESS AND WORKSPACE LIMITATIONS.
- 4. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING SYSTEMS AND EQUIPMENT, AND ALL OTHER ITEMS OF PLUMBING.
  - a. FULLY INSTALL, TEST AND PROVE ALL PLUMBING SYSTEMS IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE, 2023 FLORIDA PLUMBING CODE - ALL VOLUMES, NFPA 101 LIFE SAFETY CODE.
  - b. A COMPLETE SYSTEM OF SOIL, WASTE AND VENT PIPING TO ALL FIXTURES AND LOCATIONS SHOWN ON DRAWINGS.
  - c. THE INSTALLATION OF A COMPLETE SYSTEM OF DOMESTIC HOT WATER, HOT WATER RETURN, AND COLD WATER PIPING TO ALL LOCATIONS SHOWN ON DRAWINGS.
  - d. OF ALL FIXTURES, FITTINGS, PIPING, AND ACCESSORIES AS SHOWN ON THE PLUMBING DRAWINGS AND HEREINAFTER SPECIFIED, FURNISHED BY THE PLUMBER.
  - e. SECURE ALL PERMITS AND INSPECTIONS AND PAY ALL FEES INCIDENTAL TO THE PLUMBING PORTION OF THE WORK.
  - f. PROVIDE ALL REQUIRED CHASES, SLEEVES AND OPENINGS REQUIRED. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN CUTTING AND PATCHING.
  - g. FLUSHING AND STERILIZATION OF PIPING.
  - h. THE INSULATION OF ALL NEW ABOVE GROUND, DOMESTIC HOT WATER PIPING, AND HOT WATER RETURN PIPING
  - i. ALL OTHER ITEMS OF PLUMBING SPECIFIED HEREIN OR SHOWN ON THE PLANS.

**B. DEFINITIONS**

- 1. "PROVIDE" - TO FURNISH AND INSTALL MATERIAL UNDER THIS CONTRACT.
- 2. "FURNISH" - TO SUPPLY THE MATERIAL TO THE GENERAL CONTRACTOR TO BE INSTALLED BY OTHERS. PRIOR TO BID, CLEARLY AND SEPARATELY LIST ALL ITEMS TO BE INSTALLED BY OTHERS.
- 3. "INSTALL" - TO SUPPLY THE LABOR TO INSTALL MATERIAL FURNISHED BY THE GENERAL CONTRACTOR OR OTHERS. PRIOR TO BID, CLEARLY AND SEPARATELY LIST ALL ITEMS TO BE FURNISHED BY OTHERS.
- 4. AHRI - AIR-CONDITIONING, HEATING AND REFRIGERATION INSTITUTE
- 5. ANSI - AMERICAN NATIONAL STANDARDS INSTITUTE INTERNATIONAL
- 6. ASHRAE - AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR- CONDITIONING ENGINEERS
- 7. ASSE - AMERICAN SOCIETY OF SANITARY ENGINEERING
- 8. ASME - AMERICAN SOCIETY OF MECHANICAL ENGINEERS INTERNATIONAL
- 9. ASTM - AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL
- 10. AWWA - AMERICAN WATER WORKS ASSOCIATION EPA - U.S. ENVIRONMENTAL PROTECTION AGENCY
- 11. ICC IPC - INTERNATIONAL CODE COUNCIL INTERNATIONAL PLUMBING CODE
- 12. MSS - MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVE AND FITTINGS INDUSTRY
- 13. MSS SP-58 (2009) - PIPE HANGERS AND SUPPORTS - MATERIALS, DESIGN AND MANUFACTURE, REVISION, APPLICATION, AND INSTALLATION
- 14. MSS SP-69 (2003 - NOTICE 2012) PIPE HANGERS AND SUPPORTS - SELECTION AND APPLICATION (ANSI APPROVED AMERICAN NATIONAL STANDARD)
- 15. NFPA - NATIONAL FIRE PROTECTION ASSOCIATION
- 16. NSF-61 - NSF/ANSI STANDARD 61: DRINKING WATER SYSTEM COMPONENTS - HEALTH EFFECTS
- 17. PDI - PLUMBING AND DRAINAGE INSTITUTE UL - UNDERWRITERS LABORATORIES

**C. MANUFACTURER SPECIFICATIONS**

- 1. EQUIPMENT SCHEDULED ON THE DRAWINGS WAS USED TO ARRIVE AT SPACE, MAINTENANCE, AND UTILITY SERVICE. IF OTHER EQUIPMENT IS SUBMITTED AND APPROVED, TAKE RESPONSIBILITY FOR MAINTAINING THESE SPACE, MAINTENANCE, AND UTILITY SERVICE AND COST FOR ANY RESULTING CHANGES INCLUDING COST TO CHANGE ELECTRICAL SERVICE REQUIRED BY SUBSTITUTED EQUIPMENT.
- 2. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND FIRST CLASS IN EVERY RESPECT. AS FAR AS IS PRACTICAL, SIMILAR PRODUCTS SHALL BE BY ONE MANUFACTURER.
- 3. ALL PRODUCTS DESIGNED FOR DISPENSING POTABLE WATER MUST MEET BOTH THE NSF 61 AND NSF 372 TEST STANDARDS VIA THIRD-PARTY TESTING AND CERTIFICATION.

**D. SUBMITTALS**

- 1. SUBMIT PRODUCT DATA FOR THE ARCHITECTS/ENGINEERS APPROVAL PRIOR TO PURCHASING AND INSTALLING THE FOLLOWING:
  - a. ALL EQUIPMENT AND FIXTURES.
  - b. PIPING.
  - c. PIPING ACCESSORIES
  - d. PIPING INSULATION.
- 2. TEST REPORTS — PROVIDE PRESSURE TESTS, FLUSHING AND DISINFECTION, TEST OF BACKFLOW PREVENTION ASSEMBLIES.
- 3. OPERATION AND MAINTENANCE DATA - INSTALLATION, OPERATION AND MAINTENANCE MANUALS OF ALL SPECIFIED EQUIPMENT, FIXTURES, PIPING, PIPING ACCESSORIES AND PIPING INSULATION. PROVIDE 2 BOOKS AND 2 CDS OF BOOK.

**E. PIPE AND FITTINGS**

- 1. DOMESTIC WATER
  - a. ABOVE GROUND, 6 INCH AND SMALLER — ASTM B88, TYPE "L" HARD DRAWN SEAMLESS COPPER WITH WROUGHT COPPER SOLDER JOINT TYPE FITTINGS, ASTM B16.22. WHERE SILVER BRAZING ALLOY IS USED TO JOIN PIPE AND FITTINGS, FITTINGS TO BE SUITABLE FOR BRAZING.
  - b. AS CONTRACTOR'S OPTION WITH OWNER PRE-APPROVAL ONLY: CHLORINATED POLYVINYL CHLORIDE (CPVC), CPVC PIPE AND FITTINGS SHALL BE SUITABLE FOR USE AT A MINIMUM WORKING PRESSURE OF 160 PSIG AT 73 DEGREES F, AND 100 PSIG AT 180 DEGREES F. PIPES 1/2" THROUGH 2" SHALL BE CPVC-CTS (COPPER TUBE SIZE) MEETING TEST REQUIREMENTS OF SDR 11. PIPES LARGER THAN 2" SHALL BE CPVC SCHEDULE 80 WITH SCHEDULE 80 FITTINGS. EXPOSED HOT AND COLD WATER PIPING UNDER LAVATORIES AND SINKS, AND CONNECTIONS TO URINALS AND WATER CLOSURES SHALL BE CHROME PLATED COPPER/BRASS. PIPING SERVING URINALS AND WATER CLOSETS SHALL MAKE TRANSITION FROM THE WATER RISER(S) LOCATED WITHIN CHASES/WALLS FROM CPVC TO COPPER.
  - c. UNDERGROUND, 2 INCH AND SMALLER — ASTM B88, TYPE "K" SOFT COPPER TUBE WITH NO JOINTS BELOW THE FLOOR SLAB. COPPER PIPING INSTALLED BELOW GRADE SHALL BE PROTECTED BY A BITUMINOUS COATING. FITTINGS AND JOINTS SHALL BE WROUGHT COPPER SOLDER JOINT TYPE FITTINGS, ASTM B16.22. WHERE SILVER BRAZING ALLOY IS USED TO JOIN PIPE AND FITTINGS, FITTINGS TO BE SUITABLE FOR BRAZING.
  - d. WATER SERVICE, UNDERGROUND EXTERIOR, 3 INCHES AND LARGER - AS REQUIRED BY THE SERVING UTILITY BUT NOT LESS THAN ANSI A21.51/AWWA C151 CEMENT MORTAR LINED (ANSI A21.4/AWWA C104) DUCTILE IRON PIPE. FURNISH WITH RUBBER GASKETED PUSH ON JOINTS (ANSI A21.1/AWWA C111).
- 2. SANITARY SOIL AND WASTE PIPING BELOW GROUND TO 5'-0" OUTSIDE BUILDING WALLS
  - a. SERVICE WEIGHT CAST IRON, BELL AND SPIGOT, PIPE AND FITTINGS BY CHARLOTTE, TYLER, OR AB + I, ASTM A74, WITH CISPI HSN COMPRESSION TYPE GASKETS, ASTM C564, TYLER "TY-SEAL" OR EQUAL NEOPRENE PIPE GASKETS. ALL CAST IRON PIPE AND FITTINGS SHALL BE MADE IN THE UNITED STATES, MARKED WITH THE COLLECTIVE TRADEMARK OF CAST IRON SOIL PIPE INSTITUTE (CISPI) AND BE LISTED BY NSF INTERNATIONAL.
  - b. AS CONTRACTOR'S OPTION WITH OWNER PRE-APPROVAL ONLY: TYPE 1, SOLID WALL, DWW POLYVINYL CHLORIDE (PVC) PIPE AND FITTINGS (ASTM D2665), SCHEDULE 40.
- 3. SANITARY SOIL, WASTE, AND VENT PIPING ABOVE GROUND INTERIOR

- a. SERVICE WEIGHT NO HUB CAST IRON PIPE AND FITTINGS, ASTM A888, CISPI-301, AS MANUFACTURED BY CHARLOTTE, TYLER, OR AB + I, JOINED WITH CISPI-310 HEAVY-DUTY CAST IRON NO-HUB NEOPRENE SLEEVE-STAINLESS STEEL TYPE 304 SHIELD AND CLAMP, 24-GAUGE WITH HI-TORQUE CLAMPS TIGHTENED TO 80 INCH-POUNDS. CLAMPS SHALL BE CLAMP-ALL HI-TORQUE 80 ANACO HUSKY HD2000. ALL CAST IRON PIPE AND FITTINGS SHALL BE MADE IN THE UNITED STATES, MARKED WITH THE COLLECTIVE TRADEMARK OF CAST IRON SOIL PIPE INSTITUTE (CISPI) AND BE LISTED BY NSF INTERNATIONAL.
- b. AS CONTRACTOR'S OPTION WITH OWNER PRE-APPROVAL ONLY: TYPE 1, SOLID WALL, DWW POLYVINYL CHLORIDE (PVC) PIPE AND FITTINGS (ASTM D2665), SCHEDULE 40. PVC PIPE AND FITTINGS SHALL NOT BE INSTALLED WITHIN RETURN AIR PLENUMS.

**F. PIPE JOINTS**

- 1. JOINTS FOR COPPER PIPE - SOLDER JOINT TYPE ASTM B16.22. WHERE SILVER BRAZING ALLOY IS USED TO JOIN PIPE AND FITTINGS, FITTINGS TO BE SUITABLE FOR BRAZING. SWEAT SOLDER JOINTS IN COPPER DOMESTIC WATER PIPING SYSTEMS THAT HAVE AN INTERNAL PRESSURE OF 125 PSIG OR LESS WITH A 95-5 LEAD-FREE SOLDER. JOINTS SHALL BE MADE SO THAT THE SOLDER RING IS VISIBLE COMPLETELY AROUND THE JOINT. NO ACID-CORE FLUX SHALL BE USED.
  - 2. JOINTS FOR WATER SERVICE PIPING, UNDERGROUND, EXTERIOR - PUSH ON JOINTS WITH RUBBER GASKET MEETING ANSI A21.11/AWWA C111.
  - 3. CAST IRON, HUBLESS - HEAVY-DUTY CAST IRON NO-HUB NEOPRENE SLEEVE-STAINLESS STEEL TYPE 304 SHIELD AND CLAMP, 24-GAUGE WITH HI-TORQUE CLAMPS TIGHTENED TO 80 INCH-POUNDS. CLAMPS SHALL BE CLAMP-ALL HI-TORQUE 80 ANACO HUSKY HD2000.
  - 4. CAST IRON, HUB AND SPIGOT - CISPI HSN COMPRESSION TYPE WITH ASTM C564 NEOPRENE GASKETS, OR LEAD AND OAKUM.
  - 5. PVC DRAINAGE, WASTE AND VENT — SOLVENT WELD, LOW V.O.C. PRIMER AND CEMENT (ASTM D2564).
  - 6. CPVC AND DOMESTIC WATER — SOLVENT WELD, LOW V.O.C. PRIMER AND CEMENT (ASTM F493/ASTM D2849).
- G. VALVES**
- 1. ALL VALVES MAY NOT BE SHOWN IN EVERY INSTANCE ON THE DRAWINGS, BUT WHETHER OR NOT SHOWN, ALL VALVES NECESSARY FOR THE PROPER INSTALLATION OF THE SYSTEM SHALL BE INSTALLED BY THE PLUMBING CONTRACTOR.
  - 2. ALL VALVES FOR USE WITH THE DOMESTIC WATER SYSTEMS SHALL BE CERTIFIED AS LEAD-FREE AND MUST MEET BOTH THE NSF 61 AND NSF 372 TEST STANDARDS VIA THIRD PARTY TESTING AND CERTIFICATION.
  - 3. PLASTIC VALVES ARE NOT ACCEPTABLE.
  - 4. INSTALL ALL VALVES WITH THE STEMS OR SPINDLE ABOVE THE HORIZONTAL WHERE POSSIBLE AND DO NOT INSTALL VALVES OVER ELECTRICAL PANELS OR EQUIPMENT.
  - 5. PROVIDE EXTENDED VALVE STEMS ON INSULATED PIPE.
  - 6. LOCATE SHUTOFF VALVES AT ALL AUTOMATIC VALVES, CHECK VALVES, AT ALL EQUIPMENT SO THEY CAN BE ISOLATED FOR REPAIRS, AT ALL BRANCH LINES CONNECTING TO MAINS, AND ELSEWHERE AS SHOWN ON THE DRAWINGS. LOCATE CHECK VALVES ON THE DISCHARGE SIDE OF ALL PUMPS AND ELSEWHERE AS SHOWN ON THE DRAWINGS.
  - 7. PROVIDE ALL VALVES OF THE SAME MANUFACTURER WHERE POSSIBLE. MANUFACTURERS INCLUDE: APOLLO, MILWAUKEE, NIBCO, HAMMOND, OR WATTS. ALL VALVES TO BE OF DOMESTIC MANUFACTURE.
    - a. BRONZE IN WATER PIPING 2 INCHES AND SMALLER: TWO-PIECE BALL VALVES WITH BRONZE BODY, BIFLON SEATS, FULL PORT, BLOW-OUT PROOF STEM, ADJUSTABLE PACKING GLAND, CHROME PLATED SOLID BRONZE OR STAINLESS-STEEL BALL, SOLDERED OR THREADED ENDS, MINIMUM 150 PSI SWP / 600 PSI WOG RATING AND COMPLY WITH MSS SP-110.
    - b. VALVES IN WATER PIPING 2-1/2 INCHES AND LARGER: GATE VALVES WITH FLANGED ENDS, CLASS 150, BRONZE BODY WITH INTEGRAL SEAT AND UNION-RING BONNET, RISING STEM, OS & Y, SOLID WEDGE.
    - c. SHUTOFF VALVES IN WATER PIPING 2-1/2 INCHES AND LARGER: BUTTERFLY VALVE, 175 PSI CWP, DUCTILE IRON BODY, LUG ENDS, STAINLESS STEEL STEM, EXTENDED NECK, STAINLESS STEEL LAB, 20 DISC, ALUMINUM BRONZE DISC, RESILIENT REPAIRABLE EPDM LINER, 10 POSITION LEVER HANDLE, AND OPERATOR. PROVIDE WITH UPSTREAM AND DOWNSTREAM ANSI CLASS 125/150 FLANGES FOR PROPER SHUT-OFF AND RETENTION, OR BUTTERFLY VALVES SHALL BE CERTIFIED BY THE MANUFACTURER FOR DEAD-END SERVICE WITHOUT DOWNSTREAM FLANGES.
    - d. VALVES IN WATER PIPING SYSTEMS WITH PRESSURE-SEAL JOINT FITTINGS (PROGRESS), PRESS-END VALVES BY VIEGA OR ENGINEER APPROVED EQUAL WITH THE SAME CHARACTERISTICS AS THE STANDARD VALVES LISTED ABOVE SHALL BE USED.
    - e. OPERATORS: ON-OFF THROTTLING LEVER HANDLES ON SIZES 2-1/2 INCHES TO 6 INCHES, TOY WORK GEAR OR ACME SCREW OPERATORS WITH HAND WHEEL ON SIZES 8 INCHES TO 20 INCHES. EQUIP VALVES USED FOR BALANCING WITH MEMORY STOP. INSTALL CHAINWHEELS ON OPERATORS FOR GATE VALVES NPS 4 AND LARGER AND MORE THAN 96 INCHES ABOVE FLOOR. EXTEND CHAINS TO 60 INCHES ABOVE FINISHED FLOOR.
    - f. HORIZONTAL CHECK VALVES 2 INCHES AND SMALLER: SWING TYPE DESIGN, CLASS 125, 200 WOG, WITH BRONZE BODY AND CAP WITH THREADED OR SOLDERED ENDS. CONFORM TO ASTM B62.
    - g. HORIZONTAL CHECK VALVES 2-1/2 INCHES AND LARGER: SWING TYPE DESIGN, CLASS 125, 200 WOG, CAST IRON BODY, FLANGED ENDS, BRONZE TRIM AND BOLTED CAP CONFORMING TO ASTM A126, CLASS B.
    - h. VERTICAL CHECK VALVES 2 INCHES AND SMALLER: 250 WOG, CENTER GUIDED, SILENT, NON-SHM TYPE, BRONZE BODY, SPRING, AND DISC HOLDER, THREADED ENDS, METRAFLEX 700.
    - i. VERTICAL CHECK VALVES 2-1/2 INCHES AND LARGER: 125 POUND FLANGED ENDS, WAFER STYLE, SILENT TYPE, CAST IRON BODY, BRONZE TRIM, STAINLESS STEEL SPRING, METRAFLEX 900.
    - j. VALVES FOR USE IN GROOVED PIPING SYSTEMS: REFER TO GROOVED PIPING SYSTEM SPECIFICATION.
    - k. CALIBRATED BALANCING VALVES INSTALLED AT DOMESTIC HOT WATER SYSTEM'S RE-CIRCULATING PUMP; 2 INCHES AND SMALLER: WORKING PRESSURE: 125 PSIG. MAXIMUM OPERATING TEMPERATURE: 250 DEGREES F. BRONZE BODY, BRASS BALL CONSTRUCTION WITH CALIBRATED ORIFICE, THREADED END CONNECTIONS. EQUIP WITH CHECK VALVES TO FACILITATE THE CONNECTION OF A DIFFERENTIAL METER. READOUT VALVES SHALL HAVE INTEGRAL EPT CHECK VALVE. BALANCING VALVE SHALL HAVE INDEXING POINTER, CALIBRATED NAMEPLATE, AND EPT O-RING SEALS. MANUFACTURED BY BELL AND GOSSETT MODEL CB OR EQUIVALENT BY ARMSTRONG, NEXUS, FDI, OR VICTAULIC.

**H. PIPE ANCHORS**

- 1. PIPE HANGERS AND SUPPORTS - PROVIDE MSS SP-58 AND MSS SP-69, TYPE 1 WITH ADJUSTABLE TYPE STEEL SUPPORT RODS, EXCEPT AS SPECIFIED OR INDICATED OTHERWISE. ATTACH TO STEEL JOISTS WITH TYPE 19 OR 23 CLAMPS AND RETAINING STRAPS. ATTACH TO STEEL W/ OR S BEAMS WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACH TO STEEL ANGLES AND VERTICAL WEB STEEL CHANNELS WITH TYPE 20 CLAMP WITH BEAM CLAMP CHANNEL ADAPTER. ATTACH TO HORIZONTAL WEB STEEL CHANNEL AND WOOD WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACH TO CONCRETE WITH TYPE 18 INSERT OR DRILLED EXPANSION ANCHOR. PROVIDE TYPE 40 INSULATION PROTECTION SHIELD FOR INSULATED PIPING.
- 2. PROVIDE HANGERS AND SUPPORTS BY ANVIL INTERNATIONAL, COOPER B-LINE OR GRINNELL:
  - a. SPLIT RING HANGERS — CARBON STEEL WITH ADJUSTABLE SWIWL.
  - b. CLEVIS HANGERS - CARBON STEEL WITH ADJUSTABLE SWIWL.
  - c. MULTIPLE OR TRAPEZE HANGERS — STEEL CHANNELS WITH WELDED SPACERS AND HANGER RODS. PROVIDE CAST IRON ROLL FOR PIPE SIZES 6 INCH AND LARGER.
  - d. VERTICAL PIPE SUPPORTS - STEEL RISER CLAMP.

**I. SECONDARY PIPE POSITIONING AND SUPPORTS:**

- a. SUPPORT AND POSITIONING OF PIPING SHALL BE BY MEANS OF ENGINEERED METHODS THAT COMPLY WITH IPMPO MS 42-96. THESE SHALL BE HUBBARD ENTERPRISES/HOLDRITE SUPPORT SYSTEMS OR OWNER-APPROVED EQUIVALENT.
- b. FOR PLENUM APPLICATIONS USE PIPE SUPPORTS THAT MEET ASTM E-84 25/50 STANDARDS, SUCH AS THE HUBBARD ENTERPRISES/HOLDRITE FLAME FIGHTER™ OR OWNER-APPROVED EQUIVALENT.
- c. FOR VERTICAL MID-SPAN SUPPORTS OF PIPING 4" AND UNDER, USE HUBBARD ENTERPRISES/HOLDRITE STOUT BRACKETS™ WITH HUBBARD ENTERPRISES/HOLDRITE STOUT CLAMPS OR TWO-HOLE PIPE CLAMPS (MSS TYPE 26).

**J. PROVIDE RUBBER COATED, PLASTIC, OR EPOXY COATED HANGERS AND SUPPORTS FOR COPPER PIPING, COPPER COATED, PLATED OR COLORED HANGERS AND SUPPORTS ARE NOT ACCEPTABLE.**

- 5. MAKESHIFT, FIELD DEVISED METHODS OF PLUMBING PIPE POSITIONING AND SUPPORTS, SUCH AS WITH THE USE OF SCRAP FRAMING MATERIALS, ARE NOT ALLOWED.

**K. GAUGES**

- 1. PRESSURE AND VACUUM INDICATING DIAL TYPE - ELASTIC ELEMENT: ASME B40.100.

**L. THERMOMETERS**

- 1. DIRECT-MOUNTED, METAL CASE, VAPOR ACTUATED THERMOMETERS: ASME B40.200. MERCURY SHALL NOT BE USED IN THERMOMETERS.

**M. PIPE INSULATION MATERIAL**

- 1. ACCEPTABLE MANUFACTURERS: OWENS-CORNING, KNAUF, CERTANTEED, PITTSBURGH-CORNING.
- 2. INSULATION SCHEDULE:
  - a. DOMESTIC HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE INSULATED WITH 1 INCH THICK INSULATION FOR PIPE SIZES 1-1/4 INCHES AND SMALLER, 1-1/2 INCH THICK FOR PIPE SIZES 1-1/2 INCHES AND LARGER.
  - b. COLD WATER PIPING SHALL BE INSULATED WITH 1 INCH THICK INSULATION.
- 3. INSULATION FOR PIPING INSTALLED IN "DRY" LOCATIONS SHALL BE GLASS FIBER NON-COMBUSTIBLE PREFORMED INSULATION, ASTM C547 WITH A "K" VALUE OF 0.23" AT 75°F AND FACTORY APPLIED VAPOR BARRIER JACKET. VAPOR BARRIER JACKETS SHALL BE KRAFT REINFORCED WHITE VAPOR BARRIER WITH SELF-SEALING ADHESIVE JOINTS.
- 4. INSTALL INSULATION ON PIPE SYSTEMS SUBSEQUENT TO TESTING AND ACCEPTANCE OF TESTS.
- 5. COVER VALVES, FITTINGS AND SIMILAR ITEMS IN EACH PIPING SYSTEM WITH EQUIVALENT THICKNESS AND COMPOSITION OF INSULATION AS APPLIED TO ADJOINING PIPE RUN. PROVIDE FACTORY MOLDED, ONE AND TWO PIECE PRE-MOLDED HIGH IMPACT PVC FITTING COVERS WITH FIBERGLASS INSERTS AND ACCESSORIES FOR ELBOWS, TEES, END CAPS, COUPLINGS, TACK FASTENERS & TAPES.
- 6. EXPOSED SANITARY DRAINS, DOMESTIC WATER, DOMESTIC HOT WATER, AND STOPS AT LAVATORIES SHALL BE INSULATED AND FINISHED WITH TRUEBER MODEL NO. 102 "LA-V-GUARD" OR BROCAR "TRAP-WRAP" WHITE INSULATION KIT.
- 7. NO STAPLES SHALL BE PERMITTED FOR INSTALLATION OF INSULATION.
- 8. PROVIDE INSULATION SHIELDS AT HANGERS.

- 9. ALL PIPING SHALL BE SUPPORTED IN SUCH A MANNER THAT NEITHER THE INSULATION NOR THE VAPOR/WEATHER BARRIER IS COMPROMISED BY THE HANGER OR THE EFFECTS OF THE HANGER. HANGER SPACING SHALL BE SUCH THAT THE JOINTS MAY BE MADE OUTSIDE THE HANGER AREA. THE VAPOR BARRIER SHALL BE CONTINUOUS. PROVIDE SUPPORT SADDLES.
- 10. ALL INSULATION MATERIALS SHALL COMPLY WITH ASTM E-84 WITH A FLAME SPREAD INDEX OF 0-25 AND A SMOKE DEVELOPED INDEX OF 0-50.

**N. PUMPS**

- 1. PUMP TYPE, CAPACITY, AND ELECTRICAL CHARACTERISTICS SHALL BE AS INDICATED ON THE DRAWINGS. APPROVED MANUFACTURERS ARE BELL & GOSSETT, GRUNDFOS, TACO.

**O. ACCESS DOORS**

- 1. PROVIDE ACCESS DOORS AT CIRCULATION PUMPS, VALVES, TRAPS PRIMERS, AIR VENTS, SHOCK ABSORBERS, AND THE LIKE ITEMS REQUIRING ADJUSTMENT OR MAINTENANCE ACCESSIBILITY IF THEY CANNOT BE LOCATED OVER LAY-IN TYPE CEILINGS OR CANNOT BE ACCESSIBLE FROM ATTICS OR MECHANICAL ROOMS. OBTAIN APPROVAL FROM THE ARCHITECT FOR LOCATION OF ACCESS DOORS. PROVIDE VISIBLE MARKERS FOR ACCESS DOORS IN CONCEALED LOCATIONS.
- 2. ACCESS DOORS SHALL BE AS SIMILAR TO THOSE MANUFACTURED BY MILCOR DIVISION OF INLAND-RYERSON OF TYPE AS FOLLOWS:
  - a. DRYWALL: STYLE "DW"
  - b. MASONRY OR TILE: STYLE "M-STAINLESS"
  - c. ACUSTICAL TILE: STYLE "AT"
  - d. PLASTER: STYLE "K"
  - e. FIRE RATED WALL/CEILINGS: STYLE "FIRE RATED"
- 3. EACH DOOR SHALL BE EQUIPPED WITH TWO FLUSH, SCREWDRIVER OPERATED, CAM LATCHES AND OTHER THAN STYLE "M". SHALL BE FINISHED TO MATCH ADJACENT SURFACE. PROVIDE ACCESS DOORS IN AREAS SUBJECT TO VANDALISM WITH VANDAL-PROOF LOCKS. DOOR SIZES SHALL BE APPLICABLE TO ACCESS REQUIRED FOR NORMAL SERVICE.

**P. FLOOR, CEILING, AND WALL PLATES**

- 1. FIT ALL PIPES PASSING EXPOSED THROUGH WALLS, FLOORS, OR CEILINGS IN FINISHED ROOMS WITH STEEL OR BRASS ESCUTCHEONS. WHERE SURFACE IS TO RECEIVE A PAINT FINISH MAKE ESCUTCHEONS PRIME PAINTED; OTHERWISE MAKE ESCUTCHEONS NICKEL OR CHROME PLATED. WHERE PIPING IS INSULATED, FIT ESCUTCHEONS OUTSIDE INSULATION.

**Q. EQUIPMENT PADS**

- 1. EXCEPT WHERE OTHERWISE NOTED, PROVIDE PADS FOR ALL FLOOR MOUNTED EQUIPMENT INSTALLED UNDER THIS DIVISION. MAKE ALL EQUIPMENT PADS A MINIMUM OF 4 INCHES THICK. CONSTRUCT EQUIPMENT PADS OF 5000 POUND CONCRETE COMPLETE WITH ALL NECESSARY ANCHOR BOLTS, SLEEVES ANCHOR PLATES, WASHERS AND NUTS. SMOOTH ALL EXPOSED PORTIONS OF PADS AND BEVEL CORNERS.

- 10. WATER HAMMER ARRESTORS: BELLOW'S TYPE, WITH STAINLESS STEEL CASING AND BELLOWS, TESTED AND CERTIFIED IN ACCORDANCE WITH PDI STANDARD WH-201. PROVIDE A PRESSURE REDUCING VALVE ON THE INLET TO THE DEVICE WHERE SYSTEM PRESSURES ARE ABOVE 80PSI. MANUFACTURER: JAY R. SMITH. OTHER ACCEPTABLE MANUFACTURERS ARE: JOSAM, WADE, AND ZURN.

- 11. EXPANSION COMPENSATORS - EXC-1: FOR COPPER PIPE 2 INCHES AND SMALLER. CONSTRUCTED OF A MULTI-PLY STAINLESS STEEL BELLOWS WITH CARBON STEEL SHROUD WITH AN INTERNAL, POSITIVE, ANTI-TORQUE DEVICE. SOLDER JOINTS. MAXIMUM WORKING PRESSURE: 150 PSIG. MAXIMUM OPERATING TEMPERATURE: 300 DEGREES F. MAXIMUM STROKE: 1-3/4 INCH. METRAFLEX MODEL HPFF OR EQUIVALENT BY KEFLEX OR FLEXONICS.

- 12. FLEXIBLE CONNECTORS: FLEXIBLE CONNECTORS SHALL BE PROVIDED AT THE SUCTION AND DISCHARGE OF EACH PUMP THAT IS 1 HP OR LARGER. CONNECTORS SHALL BE CONSTRUCTED OF NEOPRENE, RUBBER, OR BRAIDED BRONZE, WITH CLASS 150 STANDARD FLANGES. FLEXIBLE CONNECTORS SHALL BE LINE SIZE AND SUITABLE FOR THE PRESSURE AND TEMPERATURE OF THE INTENDED SERVICE.

- 13. PIPE GUIDES - GUIDES CONSISTING OF STEEL SEGMENTED SPIDER SIZED TO THE OUTSIDE DIAMETER OF THE PIPE OR INSULATION AND FREE TO MOVE AXIALLY AT THE SEGMENTED STEEL CYLINDER. PROVIDE A MINIMUM OF 2 GUIDES ON EACH SIDE OF EXPANSION COMPENSATORS OR EXPANSION JOINTS AND ELSE ELSEWHERE AS INDICATED. PROVIDE GUIDES OF LENGTH RECOMMENDED BY MANUFACTURER TO ALLOW REQUIRED TRAVEL. METRAFLEX OR EQUIVALENT BY KEFLEX, FEE AND MASON OR FLEXONICS.

- 14. PIPE ANCHORS - INSTALL IN CONJUNCTION WITH GUIDES.

**H. PIPE HANGERS AND SUPPORTS**

- 1. PIPE HANGERS AND SUPPORTS - PROVIDE MSS SP-58 AND MSS SP-69, TYPE 1 WITH ADJUSTABLE TYPE STEEL SUPPORT RODS, EXCEPT AS SPECIFIED OR INDICATED OTHERWISE. ATTACH TO STEEL JOISTS WITH TYPE 19 OR 23 CLAMPS AND RETAINING STRAPS. ATTACH TO STEEL W/ OR S BEAMS WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACH TO STEEL ANGLES AND VERTICAL WEB STEEL CHANNELS WITH TYPE 20 CLAMP WITH BEAM CLAMP CHANNEL ADAPTER. ATTACH TO HORIZONTAL WEB STEEL CHANNEL AND WOOD WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACH TO CONCRETE WITH TYPE 18 INSERT OR DRILLED EXPANSION ANCHOR. PROVIDE TYPE 40 INSULATION PROTECTION SHIELD FOR INSULATED PIPING.
- 2. PROVIDE HANGERS AND SUPPORTS BY ANVIL INTERNATIONAL, COOPER B-LINE OR GRINNELL:
  - a. SPLIT RING HANGERS — CARBON STEEL WITH ADJUSTABLE SWIWL.
  - b. CLEVIS HANGERS - CARBON STEEL WITH ADJUSTABLE SWIWL.
  - c. MULTIPLE OR TRAPEZE HANGERS — STEEL CHANNELS WITH WELDED SPACERS AND HANGER RODS. PROVIDE CAST IRON ROLL FOR PIPE SIZES 6 INCH AND LARGER.
  - d. VERTICAL PIPE SUPPORTS - STEEL RISER CLAMP.

**I. SECONDARY PIPE POSITIONING AND SUPPORTS:**

- a. SUPPORT AND POSITIONING OF PIPING SHALL BE BY MEANS OF ENGINEERED METHODS THAT COMPLY WITH IPMPO MS 42-96. THESE SHALL BE HUBBARD ENTERPRISES/HOLDRITE SUPPORT SYSTEMS OR OWNER-APPROVED EQUIVALENT.
- b. FOR PLENUM APPLICATIONS USE PIPE SUPPORTS THAT MEET ASTM E-84 25/50 STANDARDS, SUCH AS THE HUBBARD ENTERPRISES/HOLDRITE FLAME FIGHTER™ OR OWNER-APPROVED EQUIVALENT.
- c. FOR VERTICAL MID-SPAN SUPPORTS OF PIPING 4" AND UNDER, USE HUBBARD ENTERPRISES/HOLDRITE STOUT BRACKETS™ WITH HUBBARD ENTERPRISES/HOLDRITE STOUT CLAMPS OR TWO-HOLE PIPE CLAMPS (MSS TYPE 26).

- 4. PROVIDE RUBBER COATED, PLASTIC, OR EPOXY COATED HANGERS AND SUPPORTS FOR COPPER PIPING, COPPER COATED, PLATED OR COLORED HANGERS AND SUPPORTS ARE NOT ACCEPTABLE.

- 5. MAKESHIFT, FIELD DEVISED METHODS OF PLUMBING PIPE POSITIONING AND SUPPORTS, SUCH AS WITH THE USE OF SCRAP FRAMING MATERIALS, ARE NOT ALLOWED.

**J. GAUGES**

- 1. PRESSURE AND VACUUM INDICATING DIAL TYPE - ELASTIC ELEMENT: ASME B40.100.

**K. THERMOMETERS**

- 1. DIRECT-MOUNTED, METAL CASE, VAPOR ACTUATED THERMOMETERS: ASME B40.200. MERCURY SHALL NOT BE USED IN THERMOMETERS.

**L. PIPE INSULATION MATERIAL**

- 1. ACCEPTABLE MANUFACTURERS: OWENS-CORNING, KNAUF, CERTANTEED, PITTSBURGH-CORNING.
- 2. INSULATION SCHEDULE:
  - a. DOMESTIC HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE INSULATED WITH 1 INCH THICK INSULATION FOR PIPE SIZES 1-1/4 INCHES AND SMALLER, 1-1/2 INCH THICK FOR PIPE SIZES 1-1/2 INCHES AND LARGER.
  - b. COLD WATER PIPING SHALL BE INSULATED WITH 1 INCH THICK INSULATION.
- 3. INSULATION FOR PIPING INSTALLED IN "DRY" LOCATIONS SHALL BE GLASS FIBER NON-COMBUSTIBLE PREFORMED INSULATION, ASTM C547 WITH A "K" VALUE OF 0.23" AT 75°F AND FACTORY APPLIED VAPOR BARRIER JACKET. VAPOR BARRIER JACKETS SHALL BE KRAFT REINFORCED WHITE VAPOR BARRIER WITH SELF-SEALING ADHESIVE JOINTS.
- 4. INSTALL INSULATION ON PIPE SYSTEMS SUBSEQUENT TO TESTING AND ACCEPTANCE OF TESTS.
- 5. COVER VALVES, FITTINGS AND SIMILAR ITEMS IN EACH PIPING SYSTEM WITH EQUIVALENT THICKNESS AND COMPOSITION OF INSULATION AS APPLIED TO ADJOINING PIPE RUN. PROVIDE FACTORY MOLDED, ONE AND TWO PIECE PRE-MOLDED HIGH IMPACT PVC FITTING COVERS WITH FIBERGLASS INSERTS AND ACCESSORIES FOR ELBOWS, TEES, END CAPS, COUPLINGS, TACK FASTENERS & TAPES.
- 6. EXPOSED SANITARY DRAINS, DOMESTIC WATER, DOMESTIC HOT WATER, AND STOPS AT LAVATORIES SHALL BE INSULATED AND FINISHED WITH TRUEBER MODEL NO. 102 "LA-V-GUARD" OR BROCAR "TRAP-WRAP" WHITE INSULATION KIT.
- 7. NO STAPLES SHALL BE PERMITTED FOR INSTALLATION OF INSULATION.
- 8. PROVIDE INSULATION SHIELDS AT HANGERS.

- 9. ALL PIPING SHALL BE SUPPORTED IN SUCH A MANNER THAT NEITHER THE INSULATION NOR THE VAPOR/WEATHER BARRIER IS COMPROMISED BY THE HANGER OR THE EFFECTS OF THE HANGER. HANGER SPACING SHALL BE SUCH THAT THE JOINTS MAY BE MADE OUTSIDE THE HANGER AREA. THE VAPOR BARRIER SHALL BE CONTINUOUS. PROVIDE SUPPORT SADDLES.
- 10. ALL INSULATION MATERIALS SHALL COMPLY WITH ASTM E-84 WITH A FLAME SPREAD INDEX OF 0-25 AND A SMOKE DEVELOPED INDEX OF 0-50.

**L. PUMPS**

- 1. PUMP TYPE, CAPACITY, AND ELECTRICAL CHARACTERISTICS SHALL BE AS INDICATED ON THE DRAWINGS. APPROVED MANUFACTURERS ARE BELL & GOSSETT, GRUNDFOS, TACO.

**M. ACCESS DOORS**

- 1. PROVIDE ACCESS DOORS AT CIRCULATION PUMPS, VALVES, TRAPS PRIMERS, AIR VENTS, SHOCK ABSORBERS, AND THE LIKE ITEMS REQUIRING ADJUSTMENT OR MAINTENANCE ACCESSIBILITY IF THEY CANNOT BE LOCATED OVER LAY-IN TYPE CEILINGS OR CANNOT BE ACCESSIBLE FROM ATTICS OR MECHANICAL ROOMS. OBTAIN APPROVAL FROM THE ARCHITECT FOR LOCATION OF ACCESS DOORS. PROVIDE VISIBLE MARKERS FOR ACCESS DOORS IN CONCEALED LOCATIONS.
- 2. ACCESS DOORS SHALL BE AS SIMILAR TO THOSE MANUFACTURED BY MILCOR DIVISION OF INLAND-RYERSON OF TYPE AS FOLLOWS:
  - a. DRYWALL: STYLE "DW"
  - b. MASONRY OR TILE: STYLE "M-STAINLESS"
  - c. ACUSTICAL TILE: STYLE "AT"
  - d. PLASTER: STYLE "K"
  - e. FIRE RATED WALL/CEILINGS: STYLE "FIRE RATED"
- 3. EACH DOOR SHALL BE EQUIPPED WITH TWO FLUSH, SCREWDRIVER OPERATED, CAM LATCHES AND OTHER THAN STYLE "M". SHALL BE FINISHED TO MATCH ADJACENT SURFACE. PROVIDE ACCESS DOORS IN AREAS SUBJECT TO VANDALISM WITH VANDAL-PROOF LOCKS. DOOR SIZES SHALL BE APPLICABLE TO ACCESS REQUIRED FOR NORMAL SERVICE.

**N. FLOOR, CEILING, AND WALL PLATES**

- 1. FIT ALL PIPES PASSING EXPOSED THROUGH WALLS, FLOORS, OR CEILINGS IN FINISHED ROOMS WITH STEEL OR BRASS ESCUTCHEONS. WHERE SURFACE IS TO RECEIVE A PAINT FINISH MAKE ESCUTCHEONS PRIME PAINTED; OTHERWISE MAKE ESCUTCHEONS NICKEL OR CHROME PLATED. WHERE PIPING IS INSULATED, FIT ESCUTCHEONS OUTSIDE INSULATION.

**O. EQUIPMENT PADS**

- 1. EXCEPT WHERE OTHERWISE NOTED, PROVIDE PADS FOR ALL FLOOR MOUNTED EQUIPMENT INSTALLED UNDER THIS DIVISION. MAKE ALL EQUIPMENT PADS A MINIMUM OF 4 INCHES THICK. CONSTRUCT EQUIPMENT PADS OF 5000 POUND CONCRETE COMPLETE WITH ALL NECESSARY ANCHOR BOLTS, SLEEVES ANCHOR PLATES, WASHERS AND NUTS. SMOOTH ALL EXPOSED PORTIONS OF PADS AND BEVEL CORNERS.

- 1. EXCEPT WHERE OTHERWISE NOTED, PROVIDE PADS FOR ALL FLOOR MOUNTED EQUIPMENT INSTALLED UNDER THIS DIVISION. MAKE ALL EQUIPMENT PADS A MINIMUM OF 4 INCHES THICK. CONSTRUCT EQUIPMENT PADS OF 5000 POUND CONCRETE COMPLETE WITH ALL NECESSARY ANCHOR BOLTS, SLEEVES ANCHOR PLATES, WASHERS AND NUTS. SMOOTH ALL EXPOSED PORTIONS OF PADS AND BEVEL CORNERS.

**P. SLEEVES**

- 1. WHERE PIPES PASS THROUGH MASONRY OR CONCRETE WALLS, SET MACHINE CUT STEEL PIPE SLEEVES 1 INCH LARGER THAN OUTSIDE DIAMETER OF PIPE, WITH ENDS OF SLEEVES FLUSH WITH WALL FACES. SLEEVES IN PARTITIONS OTHER THAN MASONRY OR CONCRETE WHERE FIRESTOPPING IS REQUIRED: 2# GAGE GALVANIZED TOP SHEET. WHERE PIPES PASS THROUGH FLOORS, SET SCHEDULE 40 GALVANIZED STEEL PIPE SLEEVES 1 INCH LARGER THAN THE OUTSIDE DIAMETER OF THE PIPE. TOP OF SLEEVE TO BE 4 INCHES ABOVE FINISHED FLOOR IN MACHINE ROOMS AND WET FLOOR LOCATIONS. WHERE PIPES ARE INSULATED, PROVIDE SLEEVES LARGE ENOUGH TO ALLOW INSULATION TO PASS THROUGH SLEEVE. CENTER PIPES IN SLEEVES. PROVIDE FIRE STOPPING BETWEEN PIPE AND SLEEVE OR OPENING AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE FIRE RATING OF ALL WALLS AND FLOORS. FIRE STOPPING PRODUCTS SHALL BE MANUFACTURED BY SPECIFIED TECHNOLOGIES, INC. (STI) AND INSTALLED BY A UL QUALIFIED FIRESTOP CONTRACTOR WHERE PIPES PASS THROUGH EXTERIOR WALLS BELOW GRADE. SET SCHEDULE 40 STEEL PIPE OR MANUFACTURED CASTINGS OR SLEEVES 1-1/2 INCH LARGER THAN THE OUTSIDE DIAMETER OF THE PIPE. MAKE THE PIPE TO WALL PENETRATION CLOSURE WITH "LINK-SEAL" AS MANUFACTURED BY THE THUNDERLINE CORP. OR METRASEAL.

**Q. ESCUTCHEON PLATES**

- 1. PROVIDE ONE PIECE OR SPLIT HINGE METAL PLATES FOR PIPING ENTERING FLOORS, WALLS, AND CEILINGS IN EXPOSED SPACES. PROVIDE CHROMIUM PLATED OR COPPER ALLOY PLATES OR POLISHED STAINLESS-STEEL FINISH IN FINISHED SPACES. PROVIDE PAINT FINISH ON PLATES IN UNFINISHED SPACES.

**R. PLUMBING IDENTIFICATION**

- 1. PIPE LABEL, COLOR-CODING AND IDENTIFICATIONS SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND ANSI/ASME A13.1.
- 2. NAMEPLATES: PROVIDE 0.125 INCH THICK MELAMINE LAMINATED PLASTIC NAMEPLATES, BLACK MATTE FINISH WITH WHITE CHARACTERS. PROVIDE IDENTIFICATION OF PIPING SERVICE, THERMOMETERS, AND VALVES; VALVES IN SUPPLIES TO FAUCETS WILL NOT REQUIRE NAMEPLATES. KEY NAMEPLATES TO A CHART AND SCHEDULE FOR EACH SYSTEM. FRAME CHARTS AND SCHEDULES UNDER GLASS AND PLACE WHERE DIRECTED NEAR EACH SYSTEM. FURNISH TWO COPIES OF EACH CHART AND SCHEDULE.
- 3. SELF-ADHESIVE PIPE LABELS: PRINTED PLASTIC WITH CONTACT-TYPE, PERMANENT-ADHESIVE BACKING. PIPE LABEL CONTENTS: INCLUDE IDENTIFICATION OF PIPING SERVICE USING SAME DESIGNATIONS OR ABBREVIATIONS AS USED ON DRAWINGS,











PLUMBING EQUIPMENT SCHEDULE				
MARK	DESCRIPTION	MANUFACTURER	MODEL	INFORMATION & ACCESSORIES
ET-1	EXPANSION TANK	AMTROL	ST-5C	STAINLESS STEEL INLINE EXPANSION TANK FOR WATER HEATER. TANK VOLUME IS 2 GALLONS, TANK DIAMETER IS 8", AND TANK HEIGHT IS 13".
HB-1	HOSE BIBB	ZURN	Z1341	3/4" ANTI-SIPHON BRASS HOSE BIBB WITH VACUUM BREAKER, AND 3/4" HOSE THREAD OUTLET
HB-2	HOSE BIBB	ZURN	Z1320-CXL	3/4" SELF-DRAINING, NON-FREEZE, ANTI-SIPHON WALL HYDRANT WITH VACUUM BREAKER, LOCKING WALL BOX, LOOSE TEE KEY, AND 3/4" HOSE THREAD OUTLET.
FD-1	FLOOR DRAIN	ZURN	Z415B	COATED CAST IRON WITH BOTTOM OUTLET, POLISHED 6" DIA. NICKEL BRONZE STRAINER, FLASHING CLAMP, INCLUDE ZURN TRAP SEAL BARRIER DEVICE.
FCO-1	FLOOR CLEANOUT	ZURN	Z1400	THE Z1400 ADJUSTABLE FLOOR CLEANOUT, WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED CAST IRON EXTRA HEAVY-DUTY SECURED TOP.
TMV-1	THERMOSTATIC MIXING VALVE	WATTS POWERS	HYDROGUARD LFLM490	THERMOSTATIC TEMPERING VALVE FOR HOT WATER HEATER, PROVIDING FLOW RATES AS HIGH AS 23 GPM. MIN GPM IS 0.5. ASSE 1017 ASSE LISTED. SET OUTLET TO 120°F.

PLUMBING FIXTURE SCHEDULE									
MARK	DESCRIPTION	MANUFACTURER	MODEL	CW	HW	TRAP	DRAIN	VENT	INFORMATION & ACCESSORIES
EWC-1	DRINKING FOUNTAIN	ELKAY	VRCTL8WSK	1/2"	-	1"	1-1/2"	1-1/2"	NON-FILTERED REFRIGERATED STAINLESS STEEL BI-LEVEL DRINKING FOUNTAIN WITH BOTTLE FILLER. RATED FOR OUTDOOR USE. PROVIDE WITH EWF 3000 UNIVERSAL FILTRATION KIT. POWER: 115V/60 HZ
LAV-1	WALL MOUNTED LAVATORY	MERIDIAN-EDGE	3803 SERIES	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	TRI BASIN IS INTENDED TO BE MOUNTED TO A FINISHED WALL. WASHBASIN IS CONSTRUCTED OF CORTERRA SOLID SURFACE POLYMER RESIN. INCLUDE CHICAGO FAUCET 3400-ABCP 0.5 GPM. MIXING VALVE PROVIDED BY MANUFACTURER FOR HAND OPERATED SINK.
LAV-2	WALL MOUNTED LAVATORY	MERIDIAN-EDGE	3801 SERIES	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	SINGLE BASIN IS INTENDED TO BE MOUNTED TO A FINISHED WALL. WASHBASIN IS CONSTRUCTED OF CORTERRA SOLID SURFACE POLYMER RESIN. INCLUDE CHICAGO FAUCET 3400-ABCP 0.5 GPM. MIXING VALVE PROVIDED BY MANUFACTURER FOR HAND OPERATED SINK.
SS-1	SERVICE SINK	MUSTEE	63M	3/4"	3/4"	3"	3"	2"	FLOOR MOUNT MUSTEE SERVICE SINK, WITH MUSTEE WALL-MOUNT UTILITY FAUCET WITH VACUUM BREAKER 63.600A, MOP HANGER 65.600 AND WALL GUARDS 67.2424.
UR-1	URINAL	AMERICAN STANDARD	6590.001	3/4"	-	-	2"	2"	AMERICAN STANDARD WALL HUNG URINAL WITH TOP SPUD, ADA, WHITE FINISH, SLAON ROYAL 188 FLUSHOMETER 1.0 GPF
WC-1	FLOOR MOUNTED FLUSH VALVE WATER CLOSET	AMERICAN STANDARD	3641.001	1"	-	-	4"	2"	AMERICAN STANDARD ENLONGATED FLOOR MOUNTED TOILER, 1.6 GPF, ADA, WHITE FINISH, WITH SLAON ROYAL 112 1.6 FLUSHOMETER.

NOTES:  
1. COORDINATE FINISHES AND MOUNTING HEIGHTS WITH ARCHITECT.

WATER HEATER SYSTEM SCHEDULE										
MARK	SERVICE	TYPE	SELECTION BASED ON	SUPPLY TEMP (°F)	DESIGN TEMP RISE (°F)	TANK SIZE (GALLONS)	RECOVERY @ 70 F RISE	KW	ELECTRICAL (V/Ø/Hz)	NOTES
EW-1	DOMESTIC HOT WATER	TANK TYPE	DEL-50D-3	140	70	50	18 GPH	3	240/1/60	1-2

NOTES:  
1. PROVIDE WATER HEATER DRAIN PAN.  
2. PROVIDE WITH EXPANSION TANK AND THERMOSTATIC MIXING VALVE SPECIFIED IN SCHEDULE.

FIXTURE UNIT COUNTS																
# OF FIXTURES	FIXTURE TYPE	SANITARY FU (EACH)	COLD VALUE (EACH) FU	HOT VALUE (EACH) FU	BOTH VALUE (EACH) FU	COLD VALUE (EACH) GPM	HOT VALUE (EACH) GPM	BOTH VALUE (EACH) GPM	DFU (TOTAL)	COLD VALUE (TOTAL) FU	HOT VALUE (TOTAL) FU	BOTH VALUE (TOTAL) FU	COLD VALUE (TOTAL) GPM	HOT VALUE (TOTAL) GPM	BOTH VALUE (TOTAL) GPM	
1	Drinking Fountain - Offices, etc. - 3/8" Valve	0.5	0.25	0	0.25	-	-	-	0.5	0.25	0	0.25	-	-	-	
6	Lavatory - Public - Faucet	1	1.5	1.5	2	-	-	-	6	9	9	12	-	-	-	
1	Service Sink - Offices, etc. - Faucet	2	2.25	2.25	3	-	-	-	2	2.25	2.25	3	-	-	-	
2	Urinal - Public - 3/4" Flushometer Valve	2	5	0	5	-	-	-	4	10	0	10	-	-	-	
6	Water Closet - Public - Flushometer Valve	4	10	0	10	-	-	-	24	60	0	60	-	-	-	
1	Hose Bibb (1 OF 4 ACCOUNTED FOR IN CALC FOR DIVERSITY)	0	-	-	-	5	0	5	0	-	-	-	5	0	5	
1	Fixture Drain or Trap Size 3"	5	-	-	-	-	-	-	5	-	-	-	-	-	-	
									41.5	81.5	11.25	85.25	5	0	5	
									TOTAL DFU		CONVERT FU TO GPM					
									41.5	81.5	FU	=	61.7	GPM		
										11.25	FU	=	28.0	GPM		
										85.25	FU	=	62.8	GPM		
									TOTAL GPMs							
									61.7	GPM	+	5	GPM	=	66.7	GPM
									28.0	GPM	+	0	GPM	=	28.0	GPM
									62.8	GPM	+	5	GPM	=	67.8	GPM

PUMP SCHEDULE									
MARK	SERVICE	PUMP TYPE	SELECTION BASED ON	MAX GPM	MAX PUMP HEAD	MAX RPM	MOTOR HP TOTAL	ELECTRICAL (V/Ø/Hz)	NOTES
RP-1	HOT WATER RECIRCULATION PUMP	IN - LINE	008 TACO GENIE	2	30	3250	1/25	115/1/60	1-2

NOTES:  
1. PROVIDE PUMP FOR ELECTRIC WATER HEATER.  
2. PROVIDE AQUASTAT AND PROGRAM SYSTEM TO MAINTAIN A SYSTEM TEMPERATURE OF 110 °F.

NO.	REVISION	DATE
	PROGRESS SET	09.08.2023
	100% DD	10.23.2023
	100% CD	03.01.2024
	PERMIT/BD SET	09.06.2024

CONSULTANT:  
  
**OSBORN ENGINEERING**  
 www.osborn-eng.com  
 360 Central Avenue, Suite 1150  
 St. Petersburg, FL 33701  
 (727) 269-0436  
 FL COA 27367

SW MEADOWS  
 SANCTUARY IMPROVEMENTS  
 SW 163rd Avenue, Southwest Ranches, FL 33331

CPZ ARCHITECTS, INC.  
 4316 WEST BROWARD BOULEVARD  
 PLANTATION, FLORIDA 33317  
 PHONE: (954) 792-8825 FAX: (954) 137-0559  
 AA 72600065 WWW.CPZARCHITECTS.COM



DRAWING TITLE:

PLUMBING SCHEDULES

DRAWN: JM  
 CHECKED: TR  
 DATE: 08.23.2024  
 SCALE:  
 PROJECT NO. J20230308  
 SHEET:

P-701

