COLLIER COUNTY
Collier County Hearing Examiner

AGENDA

Growth Management Department
Conference Rooms 609/610
2800 Horseshoe Drive North
Naples, FL 34104

March 9, 2023

9: 00 AM

Andrew W. J. Dickman, Esq., AICP
Hearing Examiner

Note: Individual speakers will be limited to 5 minutes unless otherwise waived by the Hearing Examiner. Persons Wishing to have written or graphic materials included in the hearing report packets must have that material submitted to County staff at Andrew.Youngblood@CollierCountyFL.gov 10 days prior to the Hearing. All materials used during presentation at the hearing will become a permanent part of the record.

Any person who decides to appeal a decision of the Hearing Examiner will need a record of the proceedings pertaining thereto, and therefore may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. Decisions of the Hearing Examiner are final unless appealed to the Board of County Commissioners.

Hearing Procedures will provide for presentation by the Applicant, presentation by staff, public comment and applicant rebuttal. The Hearing Examiner will render a decision within 30 days. Persons wishing to receive a copy of the decision by mail may supply County staff with their name, address, and a stamped, self-addressed envelope for that purpose. Persons wishing to receive an electronic copy of the decision may supply their email address.

1. Pledge of Allegiance

2. Review of Agenda

3. Advertised Public Hearing

A. PETITION NO. VA PL20220005310 – Request for a variance from Land Development Code Section 4.02.01.A to reduce the required principal front yard setback from 50 feet to 10.29 feet for the proposed maintenance building replacement on the south property line; and a second variance from Section 4.02.03.D to reduce the required accessory front yard setback from 50 feet to 39.62 feet for the proposed kayak cover to be located at 10 Shell Island RD, Naples, FL 34113 in Section 17, Township 51 South, Range 26 East, Collier County, Florida. [Sean Sammon, Planner III] Commissioner District 1

B. PETITION NO. VA-PL20200002603 - Request for an after-the-fact variance from the Land Development Code section 2.03.01.B.2.d to reduce the required side yard setback from 10.5 feet to 5.8 feet and from section 4.02.01.D.8 to increase the allowed roof overhang from 3 feet to 6.97 feet on the north side to allow for the continued existence of a storage shed on a nonconforming lot in the Estates (E) Zoning District at 2890 68th Street SW, also described as the south 105 feet of Tract 52, Golden Gate Estates, Unit No. 29, in Section 30, Township 49 South, Range 26 East, Collier County, Florida. [Coordinator: John Kelly, Planner II] Commission District 4

4. Other Business

5. Public Comments

6. Adjourn

03/09/2023

COLLIER COUNTY
Collier County Hearing Examiner

Item Number: 3.A
Doc ID: 24674
Item Summary: PETITION NO. VA PL20220005310 – Request for a variance from Land Development Code Section 4.02.01.A to reduce the required principal front yard setback from 50 feet to 10.29 feet for the proposed maintenance building replacement on the south property line; and a second variance from Section 4.02.03.D to reduce the required accessory front yard setback from 50 feet to 39.62 feet for the proposed kayak cover to be located at 10 Shell Island RD, Naples, FL 34113 in Section 17, Township 51 South, Range 26 East, Collier County, Florida. [Sean Sammon, Planner III] Commissioner District 1

Meeting Date: 03/09/2023

Prepared by:
Title: Principal Planner – Zoning
Name: Sean Sammon
02/13/2023 4:06 PM

Submitted by:
Title: Zoning Director – Zoning
Name: Mike Bosi
02/13/2023 4:06 PM

Approved By:

Review:

Corporate Business Operations	Diane Lynch	Review Item	Skipped	02/13/2023 5:21 PM
Hearing Examiner (GMD Approvers)	Diane Lynch	Review Item	Completed	02/15/2023 10:31 AM
Growth Management Operations Support		Evelyn Trimino	Additional Reviewer Completed	02/15/2023 2:35 PM
Zoning	Sean Sammon	Review Item	Skipped	02/13/2023 3:57 PM
Zoning	Ray Bellows	Review Item	Completed	02/15/2023 3:14 PM
Zoning	Mike Bosi	Division Director	Completed	02/15/2023 4:03 PM
Zoning	Sean Sammon	Additional Reviewer	Skipped	02/13/2023 3:57 PM
Hearing Examiner	Andrew Dickman	Meeting Pending	03/09/2023 9:00 AM	

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

STAFF REPORT

TO: COLLIER COUNTY HEARING EXAMINER

FROM: ZONING DIVISION; GROWTH MANAGEMENT COMMUNITY DEVELOPMENT DEPARTMENT

HEARING DATE: MARCH 9, 2023

SUBJECT: VA – PL20220005310, ROOKERY BAY MAINTENANCE BUILDING #2

PROPERTY OWNER/AGENT:

Owner: Florida Department
of Environmental Protection (FDEP)
300 Tower Road
Naples, FL 34113

Agent: Robin C. Palmer
201 W. Marion Ave., Ste 1306
Punta Gorda, FL 33950

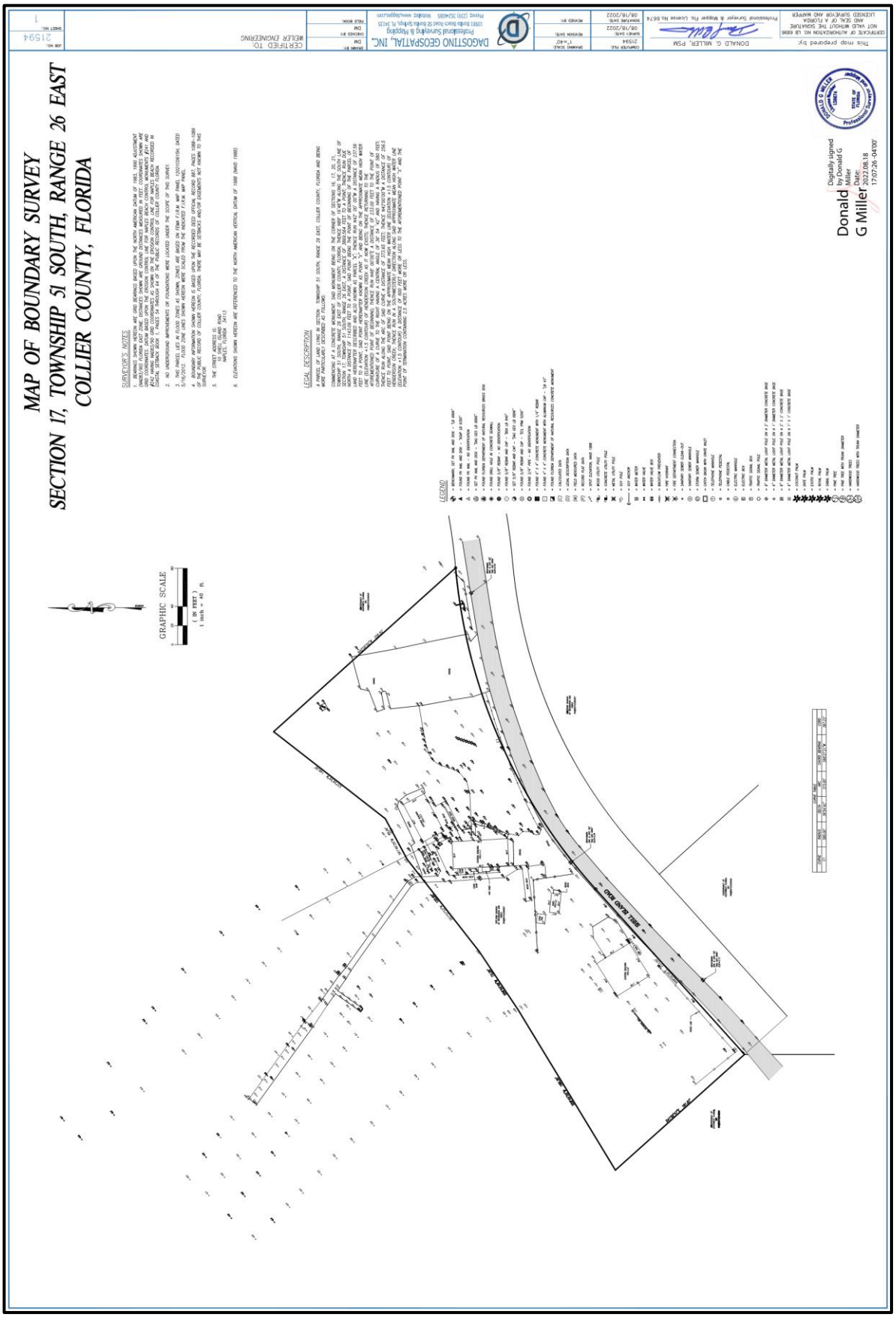
REQUESTED ACTION:

To have the Hearing Examiner (HEX) consider a request for a variance from Land Development Code Section 4.02.01.A to reduce the required principal front yard setback from 50 feet to 10.29 feet for the proposed maintenance building replacement on the south property line; and a second variance from Section 4.02.03.D to reduce the required accessory front yard setback from 50 feet to 39.62 feet for the proposed kayak cover.

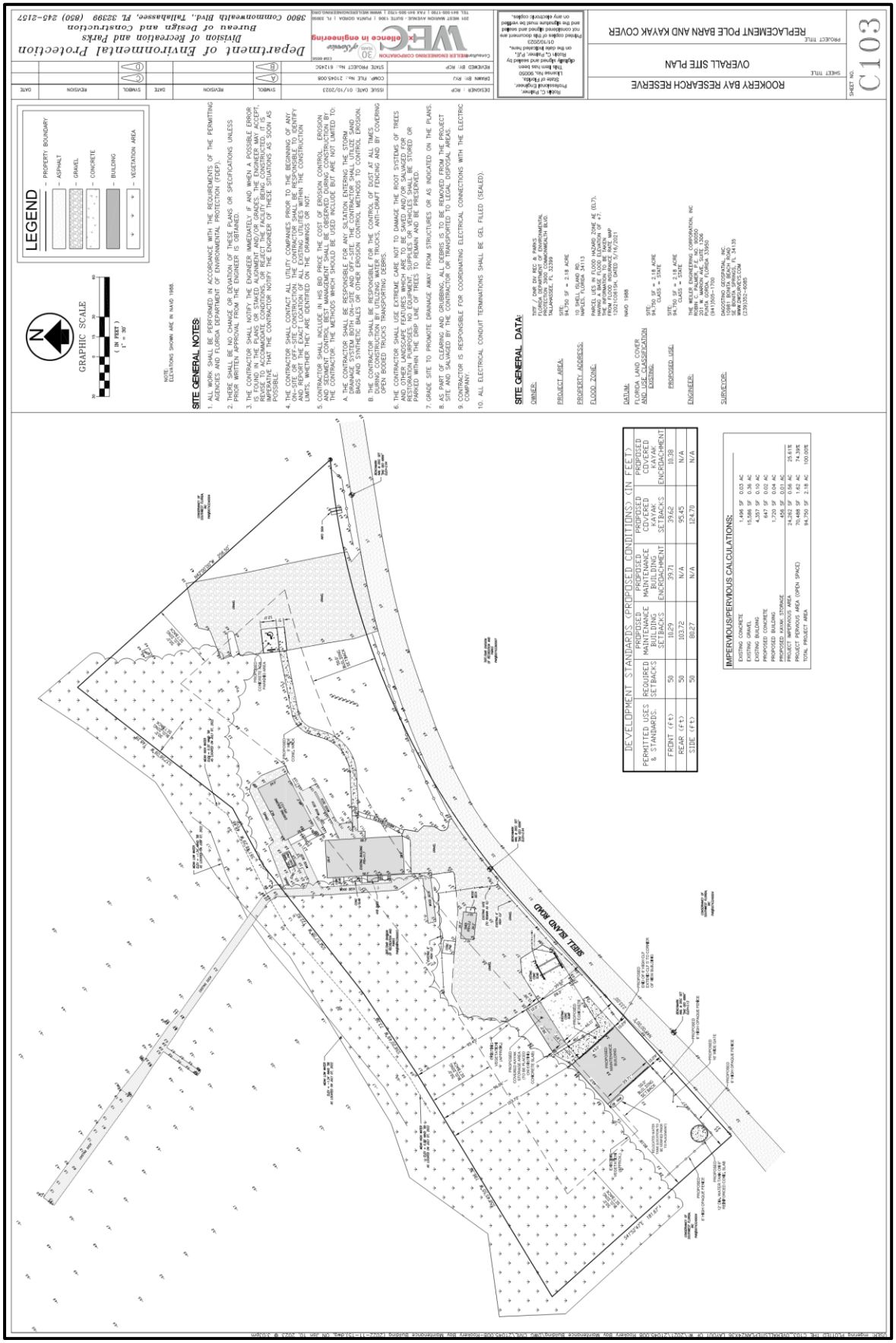
GEOGRAPHIC LOCATION:

The subject property is located at 10 Shell Island RD, Naples, FL 34113 in Section 17, Township 51 South, Range 26 East, Collier County, Florida. (*See location map on following page)*

Vizcaya LN
Oceania DR S
Barefoot Williams RD
Tower RD
Collier BLVD
PROJECT LOCATION
Shell Island RD
N
SITE LOCATION
Shell Island RD
CON-ST
Location Map
Zoning Map
Petition Number: PL20220005310



Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE



VA-PL20220005310 ROOKERY BAY MAINTENANCE BUILDING #2
Revised: 2-13-2023

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

DEVELOPMENT STANDARDS (PROPOSED CONDITIONS) (IN FEET)

PERMITTED USES & STANDARDS.	REQUIRED SETBACKS	PROPOSED MAINTENANCE BUILDING SETBACKS	PROPOSED MAINTENANCE BUILDING ENCROACHMENT	PROPOSED COVERED KAYAK SETBACKS	PROPOSED COVERED KAYAK ENCROACHMENT
FRONT (ft)	50	10.29	39.71	39.62	10.38
REAR (ft)	50	103.72	N/A	95.45	N/A
SIDE (ft)	50	80.27	N/A	124.70	N/A

IMPERVIOUS/PERVIOUS CALCULATIONS:

EXISTING CONCRETE	1,496 SF	0.03 AC	
EXISTING GRAVEL	15,586 SF	0.36 AC	
EXISTING BUILDING	4,357 SF	0.10 AC	
PROPOSED CONCRETE	647 SF	0.02 AC	
PROPOSED BUILDING	1,720 SF	0.04 AC	
PROPOSED KAYAK STORAGE	456 SF	0.01 AC	
PROJECT IMPERVIOUS AREA	24,262 SF	0.56 AC	25.61%
PROJECT PERVIOUS AREA (OPEN SPACE)	70,488 SF	1.62 AC	74.39%
TOTAL PROJECT AREA	94,750 SF	2.18 AC	100.00%

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

PURPOSE/DESCRIPTION OF PROJECT:

The applicant is requesting a total of two variance requests in order to replace the existing maintenance building and aluminum kayak cover to replace them with similar structures that are more resilient to future storm events. The subject property is approximately 2.18 acres consisting of an existing 1600 SF maintenance building/pole barn, kayak cover, lab building/office buildings, and gravel parking. The existing structures may benefit from replacement since they are built below the FEMA Flood Elevation. This specific request is due to the reason that the Florida Department of Environmental Protection (FDEP) received a grant that will fund the demolition and replacement of only the maintenance building and the aluminum kayak cover.

The structures are important for maintenance and repair of the vessels that are used for environmental research and aquatic testing for Rookery Bay. The subject property is in the Conservation (CON) zoning district within the Special Treatment (ST) overlay and the LDC Sec. 4.02.01 dimensional standards apply. The legal conforming setbacks for the subject property are 50 feet front yard, 50 feet side yard, and 50 feet rear yard setbacks. The two variance requests pertain directly to the legal setbacks for the replacement structures. The first variance request is for relief from LDC Sec. 4.02.01 Table 2.1 to reduce the front yard setback from 50 feet to 39.71 feet for only the maintenance building replacement. The second variance request is for the relief from LDC Sec. 4.02.01 Table 2.1 to reduce the front yard setback from 50 feet to 10.38 feet for only the covered kayak structure. Both structures are being replaced in the same location as the existing building and will have a similar footprint. The replacement buildings will bring the structures to meet the current Florida Building Code and be more resilient to storm events. The land related hardship, and the primary reason to replace the buildings on the existing site, is that they can't be relocated on site because of the overall parcel size and form, other existing structures on-site, and that there are sensitive mangroves that prohibits the replacement structures from being relocated to meet the legal setbacks.

All other existing legal nonconforming structures on the subject property that encroach the legal setbacks will remain as nonconforming until a separate Variance is applied for those specific structures at a different time in the future.

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

SURROUNDING LAND USE & ZONING:

North: Rookery Bay, National Audubon Society; zoned: Conservation (CON) in the Special Treatment Overlay (ST)

East: Conservancy of Southwest Florida, National Audubon Society; zoned: Conservation (CON) in the Special Treatment Overlay (ST)

South: Conservancy of Southwest Florida; zoned: Conservation (CON) in the Special Treatment Overlay (ST)

West: Conservancy of Southwest Florida; zoned: Conservation (CON) in the Special Treatment Overlay (ST)

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

GROWTH MANAGEMENT PLAN (GMP) CONSISTENCY:

The subject property is located within the Conservation Designation on the Future Land Use Map (FLUM) of the Future Land Use Element (FLUE) of the GMP. The GMP does not address individual Variance requests, but deals with the larger issue of the actual use. As previously noted, the petitioner seeks two setback Variances for replacement structures for both the maintenance building and the kayak structure. The subject use is consistent with the Future Land Use Map of the GMP. The requested variance does not have any impact on this property's consistency with the County's GMP.

STAFF ANALYSIS:

Section 9.04.01 of the Land Development Code gives the Hearing Examiner (HEX) the authority to grant Variances. The HEX utilizes the provisions of Section 9.04.03 A. through H. (in bold font below), as general guidelines to assist in making their recommendation of approval or denial. Staff has analyzed this petition relative to these provisions and offers the following responses:

a. Are there special conditions and circumstances existing, which are peculiar to the location, size and characteristics of the land, structure or building involved?

The current maintenance building's rear setback to the property line meets the 50-foot rear setback; however, the building abuts a large mangrove fringe and waterbody between the building and the rear property line. Since the new building will be located to the southwest of the existing building, the proposed setback to the MHWL/mangrove fringe would be similar to existing conditions and the front setback from the new building to the property line is approximately 10.29 feet.

b. Are there special conditions and circumstances, which do not result from the action of the applicant such as pre-existing conditions relative to the property, which are the subject of the Variance request?

The action of the applicant is to replace only the maintenance building and the aluminum kayak structure. The applicant did not select the original location for these structures nor the property boundaries. The applicant is constrained by Rookery Bay to the north, the mangroves, Shell Island Rd to the south, and the east and west property line, all of which provides an unorthodox buildable area when utilizing the legal setbacks.

c. Will a literal interpretation of the provisions of this zoning code work unnecessary and undue hardship on the applicant or create practical difficulties for the applicant?

Yes. The land-related hardship is due to limitations on the overall parcel size and shape, existing development on-site, and the sensitive mangroves prohibiting the buildings from being placed in a location that meets the County's front setback requirements and achieve the desired goal of our client.

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

d. Will the Variance, if granted, be the minimum Variance that will make possible the reasonable use of the land, building or structure and which promote standards of health, safety and welfare?

Yes, due to the limited footprint available for the buildable area on the subject property due to required setbacks, the existing mangroves, and the other existing structures on site, the location of the proposed replacement structures will be in a similar location and will be as minimal as possible to reduce any negative impact to the existing land.

e. Will granting the Variance confer on the applicant any special privilege that is denied by these zoning regulations to other lands, buildings, or structures in the same zoning district?

No, this is to replace the maintenance building and the aluminum kayak structure with new buildings that meet the Florida Building Code and will be in a similar location on the subject property. The variance request is from the legal setbacks only which otherwise limits the buildable area on the property itself.

f. Will granting the Variance be in harmony with the general intent and purpose of this Land Development Code, and not be injurious to the neighborhood, or otherwise detrimental to the public welfare?

The Florida Department of Environmental Protection received grant funding to demolish and replace the existing maintenance building and aluminum kayak cover and replace them with similar structures. Since this will only replace of the maintenance building and the aluminum kayak structure that have existed for many years in the conservation zoning district, it will not be injurious to surrounding properties and will not be detrimental to the public welfare.

g. Are there natural conditions or physically induced conditions that ameliorate the goals and objectives of the regulation such as natural preserves, lakes, golf courses, etc.?

To the north of the subject property is a waterway, Rookery Bay. The coastal line that creates the rear property line is not parallel with the curve of Shell Island Rd. The right-side property line is longer than the left side property line providing only a narrow space for the existing maintenance building in the southwest corner of the property. Between the structures and Rookery Bay lies a large mangrove fringe which limits the buildable area on the subject property. The remaining buildable area is an unorthodox shape of which a good portion is consumed by the area that the mangroves exist as well as other nonconforming existing structures.

h. Will granting the Variance be consistent with the GMP?

Yes. Granting the Variance is consistent with the GMP.

CONCURRENT LAND USE APPLICATIONS:

There are no concurrent land use applications under review at the present time.

COUNTY ATTORNEY OFFICE REVIEW:

The County Attorney Office has reviewed the staff report for **PL20220005310** revised on February 13, 2023.

RECOMMENDATION:

Staff recommends that the Collier County Hearing Examiner (HEX) make a determination of **approval**, subject to the following conditions of approval:

1. This Variance applies only to the replacement maintenance building and aluminum kayak structure as depicted on the attached site plan (Exhibit E).

Attachments:
A. Legal Description
B. Survey
C. Backup Package
D. Property Card and Deed
E. Conceptual Site Plan
F. Legal Ad & HEX Sign Posting

Attachment: Staff Report - PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA) (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

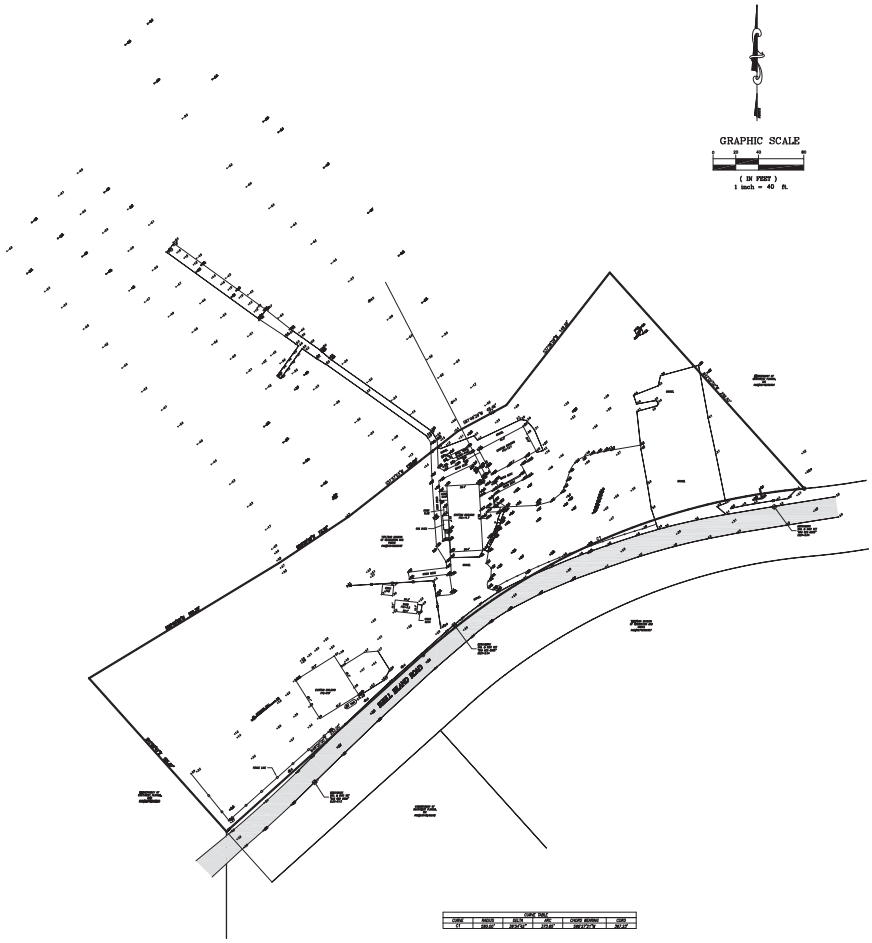
10 SHELL ISLAND DR – LEGAL DESCRIPTION

A PARCEL OF LAND LYING IN SECTION TOWNSHIP 51 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A CONCRETE MONUMENT. SAID MONUMENT BEING ON THE CORNER OF SECTIONS 16, 17, 20, 21, TOWNSHIP 51 SOUTH, RANGE 26 EAST OF COLLIER COUNTY, FLORIDA; THENCE N89° 16'48"W ALONG THE SOUTH LINE OF SECTION 17, TOWNSHIP 51 SOUTH, RANGE 26 EAST, A DISTANCE OF 3869.564 FEET TO A POINT; THENCE RUN DUE NORTH A DISTANCE OF 1143.09 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING OF THE PARCEL OF LAND HEREINAFTER DESCRIBED AND ALSO KNOWN AS PARCEL "A"; THENCE RUN N42° 00' 00"W A DISTANCE OF 237.56 FEET TO A POINT, SAID POINT HEREINAFTER KNOWN AS POINT "X" AND BEING ON THE APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) OF HENDERSON CREEK AS IT NOW EXISTS; THENCE RETURNING TO THE AFOREMENTIONED POINT OF BEGINNING; THENCE RUN N48° 00'00"E A DISTANCE OF 233.00 FEET TO THE POINT OF CURVATURE OF A CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 36° 54' 42" AND HAVING A RADIUS 580 FEET; THENCE RUN ALONG THE ARC OF SAID CURVE A DISTANCE OF 373.65 FEET; THENCE N42°00'00"W A DISTANCE OF 256.5 FEET TO POINT, SAID POINT BEING ON THE APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) OF HENDERSON CREEK; THENCE RUN IN A SOUTHWESTERLY DIRECTION ALONG SAID APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) A DISTANCE OF 600 FEET MORE OR LESS TO THE AFOREMENTIONED POINT "X" AND THE POINT OF TERMINATION CONTAINING 2.5 ACRES MORE OR LESS.

Attachment: ATTACHMENT A - LEGAL DESCRIPTION (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

MAP OF BOUNDARY SURVEY
SECTION 17, TOWNSHIP 51 SOUTH, RANGE 26 EAST
COLLIER COUNTY, FLORIDA



GRAPHIC SCALE

0 20 40 80

(IN FEET)
1 inch = 40 ft.

SURVEYOR'S NOTES

1. BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED UPON THE NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT (NAD83/90) FLORIDA EAST ZONE. DISTANCES SHOWN ARE GROUND DISTANCES MEASURED IN FEET. COORDINATES SHOWN ARE GRID COORDINATES. DATUM BASED UPON THE EROSION CONTROL LINE FOR NAPLES BEACH CONTROL MONUMENTS R241 AND R242 HAVING NAD83/90 GRID COORDINATES AS SHOWN ON THE EROSION CONTROL LINE FOR NAPLES BEACH RECORDED IN COASTAL SETBACK BOOK 1, PAGES 54 THROUGH 64 OF THE PUBLIC RECORDS OF COLLIER COUNTY FLORIDA.

2. NO UNDERGROUND IMPROVEMENTS OR FOUNDATIONS WERE LOCATED UNDER THE SCOPE OF THIS SURVEY.

3. THIS PARCEL LIES IN FLOOD ZONES AS SHOWN, ZONES ARE BASED ON FEMA F.I.R.M. MAP PANEL 12021C0815H, DATED 5/16/2012. FLOOD ZONE LINES SHOWN HEREON WERE SCALED FROM THE INDICATED F.I.R.M. MAP PANEL.

4. BOUNDARY INFORMATION SHOWN HEREON IS BASED UPON THE RECORDED DEED OFFICIAL RECORD #67, PAGES 1088–1089 OF THE PUBLIC RECORD OF COLLIER COUNTY, FLORIDA. THERE MAY BE SETBACKS AND/OR EASEMENTS NOT KNOWN TO THIS SURVEYOR.

5. THE STREET ADDRESS IS:
10 SHELL ISLAND ROAD
NAPLES, FLORIDA 34113

6. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

LEGAL DESCRIPTION

A PARCEL OF LAND LYING IN SECTION TOWNSHIP 51 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A CONCRETE MONUMENT, SAID MONUMENT BEING ON THE CORNER OF SECTIONS 16, 17, 20, 21, TOWNSHIP 51 SOUTH, RANGE 26 EAST OF COLLIER COUNTY, FLORIDA, THENCE N89° 16'48"W ALONG THE SOUTH LINE OF SECTION 17, TOWNSHIP 51 SOUTH, RANGE 26 EAST, A DISTANCE OF 3969.564 FEET TO A POINT, THENCE RUN DUE NORTH A DISTANCE OF 1143.09 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING OF THE PARCEL OF LAND HEREINAFTER DESCRIBED AND ALSO KNOWN AS PARCEL "C"; THENCE RUN N43° 02' 00"W A DISTANCE OF 237.56 FEET TO A POINT, SAID POINT HEREINAFTER KNOWN AS POINT "A" AND BEING ON THE APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) OF HENDERSON CREEK AS IT NOW EXISTS; THENCE RETURNING TO THE POINT OF BEGINNING RUN S46° 58' 00"W A DISTANCE OF 75.00 FEET TO A POINT, THENCE RUN S43° 02' 00"E A DISTANCE OF 50.00 FEET TO THE POINT OF CURVATURE OF A CURVE TO THE RIGHT, SAID CURVE HAVING A CENTRAL ANGLE OF 90° 54' 42" AND HAVING A RADIUS OF 560 FEET; THENCE RUN ALONG THE ARC OF SAID CURVE A DISTANCE OF 373.45 FEET; THENCE N42°02'02"W A DISTANCE OF 256.5 FEET TO POINT, SAID POINT BEING ON THE APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) OF HENDERSON CREEK; THENCE RUN IN A SOUTHWESTERLY DIRECTION ALONG SAID APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) A DISTANCE OF 650 FEET MORE OR LESS TO THE AFOREMENTIONED POINT "A" AND THE POINT OF TERMINATION CONTAINING 2.5 ACRES MORE OR LESS.

LEGEND

- = BENCHMARK, SET PK NAIL AND DISC - "LB 4086"
- = FOUND PK NAIL AND DISC - "DAG LB 4086"
- = FOUND PK NAIL - NO IDENTIFICATION
- = SET PK NAIL AND DISC - "DAG GEO LB 4086"
- = FOUND FLORIDA DEPARTMENT OF NATURAL RESOURCES BRASS DISC
- = FOUND DRILL HOLE IN CONCRETE SIGNAL
- = FOUND 5/8" REBAR - NO IDENTIFICATION
- = FOUND 5/8" REBAR AND CAP - "DAG LB 4647"
- = SET 5/8" REBAR AND CAP - "DAG GEO LB 4086"
- = FOUND 5/8" REBAR AND CAP - "TEL PRM 5285"
- = FOUND 3/4" PIPE - NO IDENTIFICATION
- = FOUND 4" X 4" CONCRETE MONUMENT WITH 1/4" REBAR
- = FOUND 4" X 4" CONCRETE MONUMENT WITH ALUMINUM CAP - "LB 43"
- = FOUND FLORIDA DEPARTMENT OF NATURAL RESOURCES CONCRETE MONUMENT
- (C) = CALCULATED DATA
- (D) = LEGAL DESCRIPTION DATA
- (M) = FIELD MEASURED DATA
- (P) = RECORD PLAT DATA
- = SPOT ELEVATION, NAVD 1988
- = WOOD UTILITY POLE
- = CONCRETE UTILITY POLE
- = METAL UTILITY POLE
- = GUY POLE
- = GUY ANCHOR
- = WATER METER
- = WATER VALVE
- = WATER VALVE BOX
- = BACKFLOW PREVENTER
- = FIRE HYDRANT
- = FIRE DEPARTMENT CONNECTION
- = SANITARY SEWER CLEAN-OUT
- = SANITARY SEWER MANHOLE
- = STORM SEWER MANHOLE
- = CATCH BASIN WITH GRATE INLET
- = TELEPHONE MANHOLE
- = TELEPHONE PEDESTAL
- = CABLE PEDESTAL
- = ELECTRIC MANHOLE
- = ELECTRIC BOX
- = TRAFFIC SIGNAL BOX
- = TRAFFIC SIGNAL POLE
- = 6" DIAMETER METAL LIGHT POLE ON A 3' DIAMETER CONCRETE BASE
- = 6" DIAMETER METAL LIGHT POLE ON A 1' DIAMETER CONCRETE BASE
- = 6" DIAMETER METAL LIGHT POLE ON A 3' X 3' CONCRETE BASE
- = 6" DIAMETER METAL LIGHT POLE ON A 1' X 1' CONCRETE BASE
- = COCONUT PALM
- = DATE PALM
- = EXOTIC PALM
- = ROYAL PALM
- = SABAL PALM
- = PINE TREE
- = PINE TREE WITH TRUNK DIAMETER
- = HARDWOOD TREES
- = HARDWOOD TREES WITH TRUNK DIAMETER

Donald G Miller

Digitally signed by Donald G Miller
Date: 2022.08.18 17:07:26 -04'00'

DONALD G. MILLER
STATE OF FLORIDA
Professional Surveyor and Mapper

DONALD G. MILLER, PSM
Professional Surveyor & Mapper Fla. License No.6674

This map prepared by:
CERTIFICATE OF AUTHORIZATION NO. LB 4086
NOT VALID WITHOUT THE SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

Survey Date: 2/8/22
Survey Update: 8/8/22
Drawing Date: 8/17/2022

Drawing Scale: 1"=40'
Revision Date:

Drawn By: CM
Checked By:
Field Book:

CERTIFIED TO:
WELEF ENGINEERING

DAGOSTINO GEOSPATIAL, INC.
Professional Surveying & Mapping
3991 Bonita Beach Road SE, Suite 1, Unit 3
Bonita Springs, Florida 34134 www.dgsi.com

Job No. 211594
Sheet No. 1

HEARING PACKAGE CHECKLIST Return this form with printed materials

A. Backup provided by the County Planner

The Planner is responsible for all required data included in the printed packets of information for the Hearing Examiner (Hex) or the Collier County Planning Commission (CCPC). DO NOT ACCEPT DUPLICATES OF ANY DOCUMENTS. MAKE SURE ONLY THE LATEST, ACCEPTED/APPROVED COPY OF THE BELOW DOCUMENTATION. PLEASE CONFIRM THE DOCUMENTS ARE IN THE ORDER DESCRIBED IN "BACKUP PROVIDED BY APPLICANT."

Planner responsible for providing the County Attorney-drafted Ordinance for PUDs and placing in backup materials. AGENTS DO NOT INCLUDE THE PUD DOCUMENT – STAFF PROVIDES THIS TO THE COUNTY ATTORNEY WHEN THE ORDINANCE IS DRAFTED FOR A PUD. THE FINAL PUD ORDINANCE/RESOLUTION IS THE FIRST ITEM AFTER THE STAFF REPORT. [FOR HEX, THE REQUESTED LANGUAGE/ PROPOSED PLAN IS THE FIRST ITEM AFTER THE STAFF REPORT]

B. Backup provided by Applicant:

PLEASE PROVIDE THE DOCUMENTS IN THE ORDER DESCRIBED BELOW. DO NOT PROVIDE DUPLICATES OF ANY DOCUMENTS. PROVIDE ONLY THE LATEST, ACCEPTED/APPROVED COPY OF THE BELOW DOCUMENTATION. IF THE BACKUP PROVIDED BY APPLICANT IS IN DISARRAY-MEANING IT IS NOT IN THE PROPER ORDER AND/OR THE APPLICANT PROVIDES MULTIPLE DUPLICATES-THE APPLICANT COULD LOSE ITS HEARING DATE.

__1__ Application, to include but not limited to the following:

- __1a__ Narrative of request
- __1b__ Property Information
- __1c__ Property Ownership Disclosure Form
- __1d__ Any other documents required by the specific petition type; such as a variance, a boat dock extension; PUD amendment, rezone request, etc.

__N/A__ Disclosure of Property Ownership Interest (if there is additional documentation aside from disclosure form)

__N/A__ Affidavit of Unified Control

__2__ Affidavit of Representation

__3__ Drawings (may include Cross-Section (for BDEs generally), proposed Boat Dock(s) with Water depth, location maps etc.)

__N/A__ NIM Information (Sign in sheet, notes, minutes and transcript/or summary)

- ✓ Include 3 thumbnail drives of video and/or audio

__N/A__ Traffic Impact Study (TIS)

__N/A__ Environmental Data

__4__ Historical/Archeological Survey or Waiver

__N/A__ Utility Letter

__N/A__ Deviation Justifications

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

5 Boundary Survey

N/A Other documents, as needed, on a case-by-case basis such as relevant prior Ordinances, Conditional Uses, historical documents, any "private or legal" agreements affecting the PUD etc.

N/A Submerged Resource Surveys may be included here if required.

6 **CD with *only one* pdf file for all documents in the same order as the packets are put together. They must be in the same order.**

I understand that by submitting the above materials, it is the agent's/applicant's responsibility to ensure all materials are in the same order for all copies of backup materials to provide to the Hex/CCPC and the CD must contain the documents in one pdf file (not multiple files) in the same order as the printed materials. It is the agent's responsibility to ensure no documentation is left out.

Robin Palmer
Signature of Agent Representative

2/1/2023
Date

Robin Palmer, P.E.
Printed Name of Signing Agent Representative

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

COLLIER COUNTY GOVERNMENT
GROWTH MANAGEMENT DEPARTMENT
www.colliergov.net

2800 NORTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104
(239) 252-2400 FAX: (239) 252-6358

VARIANCE PETITION APPLICATION

Variance from Setbacks Required for a Particular Zoning District

LDC section 9.04.00 & Code of Laws section 2-83 – 2-90
Chapter 3 J. of the Administrative Code

PROJECT NUMBER
PROJECT NAME
DATE PROCESSED

To be completed by staff

APPLICANT CONTACT INFORMATION

Name of Property Owner(s): FDEP

Name of Applicant if different than owner: _____

Address: 300 Tower Road **City:** Naples **State:** FL **ZIP:** 34113

Telephone: _____ **Cell:** 239-530-5942 **Fax:** _____

E-Mail Address: Keith.Laakkonen@FloridaDEP.gov

Name of Agent: Robin C. Palmer

Firm: Weiler Engineering Corp

Address: 201 W. Marion Ave, Suite 1306 **City:** Punta Gorda **State:** FL **ZIP:** 33950

Telephone: _____ **Cell:** 941-505-1700 **Fax:** _____

E-Mail Address: rpalmer@weilerengineering.org

BE AWARE THAT COLLIER COUNTY HAS LOBBYIST REGULATIONS. GUIDE YOURSELF ACCORDINGLY AND ENSURE THAT YOU ARE IN COMPLIANCE WITH THESE REGULATIONS.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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(239) 252-2400 FAX: (239) 252-6358

PROPERTY INFORMATION

Provide a detailed legal description of the property covered by the application: (If space is inadequate, attach on separate page)

Property I.D. Number: 00743360007 **Section/Township/Range:** 17 / 51 / 26

Subdivision: _____ **Unit:** _____ **Lot:** _____ **Block:** _____

Metes & Bounds Description: _____ **Total Acreage:** 5.92

Address/ General Location of Subject Property: 10 SHELL ISLAND RD, NAPLES, FL 34113

ADJACENT ZONING AND LAND USE

	Zoning	Land Use
N	CON-ST	C
S	CON-ST	C
E	CON-ST	C
W	CON-ST	C

Minimum Yard Requirements for Subject Property:

Front: 50
Side: 50
Rear: 50

Corner Lot: Yes ☐ No ■

Waterfront Lot: Yes ■ No ☐

Chapter 8 of the Administrative Code requires that the applicant must remove their public hearing advertising sign(s) after final action is taken by the Board of County Commissioners. Based on the Board's final action on this item, please remove all public hearing advertising sign(s) immediately.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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ASSOCIATIONS

Complete the following for all registered Association(s) that could be affected by this petition. Provide additional sheets if necessary. Information can be found on the Board of County Commissioner's website at http://www.colliergov.net/Index.aspx?page=774.

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

NATURE OF PETITION

On a separate sheet, attached to the application, please provide the following:

1. A detailed explanation of the request including what structures are existing and what is proposed; the amount of encroachment proposed using numbers, i.e. reduce front setback from 25 ft. to 18 ft.; when property owner purchased property; when existing principal structure was built (include building permit number(s) if possible); why encroachment is necessary; how existing encroachment came to be; etc.

2. For projects authorized under LDC Section 9.04.02, provide a detailed description of site alterations, including any dredging and filling.

3. Pursuant to LDC section 9.04.00, staff shall be guided in their recommendation to the Hearing Examiner, and the Hearing Examiner shall be guided in the determination to approve or deny a variance petition by the criteria (a-h) listed below. Please address the following criteria:

   a) Are there special conditions and circumstances existing which are peculiar to the location, size and characteristics of the land, structure, or building involved.

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b) Are there special conditions and circumstances which do not result from the action of the applicant such as pre-existing conditions relative to the property which is the subject of the variance request.

c) Will a literal interpretation of the provisions of this zoning code work unnecessary and undue hardship on the applicant or create practical difficulties on the applicant.

d) Will the variance, if granted, be the minimum variance that will make possible the reasonable use of the land, building or structure and which promote standards of health, safety or welfare.

e) Will granting the variance requested confer on the petitioner any special privilege that is denied by these zoning regulations to other lands, buildings, or structures in the same zoning district.

f) Will granting the variance be in harmony with the intent and purpose of this zoning code, and not be injurious to the neighborhood, or otherwise detrimental to the public welfare.

g) Are there natural conditions or physically induced conditions that ameliorate the goals and objectives of the regulation such as natural preserves, lakes, golf course, etc.

h) Will granting the variance be consistent with the Growth Management Plan?

4. Official Interpretations or Zoning Verifications: To your knowledge, has there been an official interpretation or zoning verification rendered on this property within the last year?

☒ Yes ☐ No If yes, please provide copies.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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(239) 252-2400 FAX: (239) 252-6358

Pre-Application Meeting and Final Submittal Requirement Checklist for: Variance Chapter 3 J. of the Administrative Code

The following Submittal Requirement Checklist is to be utilized during the Pre-Application Meeting and at time of application submittal. At time of submittal, the checklist is to be completed and submitted with the application packet. Please provide the submittal items in the exact order listed below with cover sheets attached to each section. **Incomplete submittals will not be accepted.**

REQUIREMENTS FOR REVIEW	# OF COPIES	REQUIRED	NOT REQUIRED
Completed Application (download current form from County website)	☐	☐	☐
Pre-Application Meeting Notes	1	☐	☐
Project Narrative	☐	☐	☐
Completed Addressing Checklist	1	☐	☐
Property Ownership Disclosure Form	1	☒	
Conceptual Site Plan 24" x 36" and one 8 ½ " x 11" copy	☐	☐	☐
Survey of property showing the encroachment (measured in feet)	2	☐	☐
Affidavit of Authorization, signed and notarized	2	☐	☐
Deeds/Legal's	3	☐	☐
Location map	1	☐	☐
Current aerial photographs (available from Property Appraiser) with project boundary and, if vegetated, FLUCFCS Codes with legend included on aerial	5	☐	☐
Historical Survey or waiver request	1	☐	☐
Environmental Data Requirements or exemption justification	3	☐	☐
Once the first set of review comments are posted, provide the assigned planner the Property Owner Advisory Letter and Certification	1	☐	☐
Electronic copy of all documents and plans *Please advise: The Office of the Hearing Examiner requires all materials to be submitted electronically in PDF format.	1	☐	☐

ADDITIONAL REQUIREMENTS FOR THE PUBLIC HEARING PROCESS:

- Following the completion of the review process by County review staff, the applicant shall submit all materials electronically to the designated project manager.
- Please contact the project manager to confirm the number of additional copies required.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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(239) 252-2400 FAX: (239) 252-6358

Planners: Indicate if the petition needs to be routed to the following reviewers:

☐	Bayshore/Gateway Triangle Redevelopment: Executive Director	☐	Historical Review
☐	City of Naples: Robin Singer, Planning Director	☐	Immokalee Water/Sewer District
☐	Conservancy of SWFL: Nichole Ryan	☐	Parks and Recreation: David Berra
☐	Emergency Management: Dan Summers; and/or EMS: Artie Bay	☐	School District (Residential Components): Amy Lockheart
☐	Other:	☐	

FEE REQUIREMENTS

- ☐ **Pre-Application Meeting:** $500.00
- ☐ **Variance Petition:**
  - **Residential-** $2,000.00
  - **Non-Residential-** $5,000.00
  - **5th and Subsequent Review-** 20% of original fee
- ☐ **Estimated Legal Advertising Fee for the Office of the Hearing Examiner:** $1,125.00
- ☐ **After The Fact Zoning/Land Use Petitions:** 2x the normal petition fee
- ☐ **Listed Species Survey (if EIS is not required):** $1,000.00

Fire Code Plans Review Fees are collected at the time of application submission and those fees are set forth by the Authority having jurisdiction. The Land Development Code requires Neighborhood Notification mailers for Applications headed to hearing, and this fee is collected prior to hearing.

As the authorized agent/applicant for this petition, I attest that all of the information indicated on this checklist is included in this submittal package. I understand that failure to include all necessary submittal information may result in the delay of processing this petition.

All checks payable to: Board of County Commissioners.

The completed application, all required submittal materials, and the permit fee shall be submitted to:
Growth Management Department
Zoning Division
ATTN: Business Center
2800 North Horseshoe Drive
Naples, FL 34104

Applicant Signature

8/23/22
Date

Keith Laakkonen
Printed Name

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

COLLIER COUNTY GOVERNMENT
GROWTH MANAGEMENT DEPARTMENT
www.colliercountyfl.gov

2800 NORTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104
(239) 252-2400

Pre-Application Meeting Notes

Petition Type: Variance (VA)
Date and Time: Tuesday 8/30/22 at 3:00pm - Zoom

Assigned Planner: Sean Sammon

Engineering Manager (for PPL's and FP's): _____

Project Information

Project Name: Rookery Bay Maintenance Building 2 (VA)

PL #: 20220005310

Property ID #: 743360007 **Current Zoning:** CON-ST

Project Address: 10 Shell Island Rd., Naples **City:** _____ **State:** FL **Zip:** 34113

Applicant: ~~Lourdes Ramalle,~~ ROBIN PALMER Weiler Engineering

Agent Name: Lourdes Ramalle **Phone:** 941-505-1700

Agent/Firm Address: 201 W. Marion Ave, Suite 1306, Punta Gorda, FL 33950 **City:** _____ **State:** _____ **Zip:** _____

Property Owner: TIITF/DNR Div Rec & Parks Rookery Bay Sancturary

---

Please provide the following, if applicable:

i. **Total Acreage:** 5.92

ii. **Proposed # of Residential Units:** _____

iii. **Proposed Commercial Square Footage:** _____

iv. **For Amendments, indicate the original petition number:** _____

v. **If there is an Ordinance or Resolution associated with this project, please indicate the type and number:** _____

vi. **If the project is within a Plat, provide the name and AR#/PL#:** _____

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Collier County

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(239) 252-2400

Meeting Notes

As of 10/16/2017 all Zoning applications have revised applications, and your associated Application is included in your notes; additionally a *new Property Ownership Disclosure Form is required for all applications. A copy of this new form is included in your pre-app

Note – link is https://www.colliercountyfl.gov/Home/ShowDocument?id=75093

ENVIRONMENTAL - CHRIS BROWN - NO ENVIRONMENTAL ISSUES
SEE CONTACT INFO PAGE 2.A.

LANDSCAPE - MARK TEMPLETON - SEE EMAIL NOTES ON
PAGE 2.B.

If Site is within the City of Naples Water Service Area please send to Naples Utilities and Planning Departments. Then, if the petition is submitted, we are to send it (by email) to the four persons below in their Utilities and Planning Depts. - along with a request that they send us a letter or email of "no objection" to the petition. Bob Middleton RMiddleton@naplesgov.com Allyson Holland AMHolland@naplesgov.com Robin Singer RSinger@naplesgov.com Erica Martin emartin@naplesgov.com

Disclaimer: Information provided by staff to applicant during the Pre-Application Meeting is based on the best available data at the time of the meeting and may not fully inform the applicant of issues that could arise during the process. The Administrative Code and LDC dictates the regulations which all applications must satisfy. Any checklists provided of required data for an application may not fully outline what is needed. It is the applicant's responsibility to provide all required data.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

ThomasClarkeVEN

From: SammonSean
Sent: Tuesday, August 30, 2022 5:15 PM
To: ThomasClarkeVEN
Subject: FW: PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA)

Follow Up Flag: Follow up
Flag Status: Flagged

No environmental

Respectfully,
Sean Sammon, Principal Planner
Zoning Division - Zoning Services Section
Sean.Sammon@CollierCountyFL.gov
Phone: 239.252.8422; Fax: 239.252.6350
2800 N. Horseshoe Drive, Naples, FL 34104

Collier County
Growth Management Department

Exceeding expectations, every day!

Tell us how we are doing by taking our Zoning Division Survey at https://goo.gl/eXjvqT.

From: BrownCraig <Craig.Brown@colliercountyfl.gov>
Sent: Tuesday, August 30, 2022 4:59 PM
To: SammonSean <Sean.Sammon@colliercountyfl.gov>
Subject: RE: PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA)

Sean,

No nothing further.

Craig Brown
Principal Environmental Specialist
Development Review Division
(239) 252-2548.

How are we doing? Please CLICK HERE to fill out a Customer Survey.
We appreciate your Feedback!

Page 2.A.

From: SammonSean <Sean.Sammon@colliercountyfl.gov>
Sent: Tuesday, August 30, 2022 4:33 PM
To: BrownCraig <Craig.Brown@colliercountyfl.gov>

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

ThomasClarkeVEN

From: TempletonMark
Sent: Wednesday, August 31, 2022 8:34 AM
To: SammonSean
Cc: ThomasClarkeVEN
Subject: RE: PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA)

Hi Sean,
No comments for me on these variance requests regarding setback unless it would result in encroachment into the buffer I've only seen one instance of that though.
Looks like the proposed building for this one will not be encroaching into the 10' buffer based on the concept plan they provided. So no comments for me on this one.
Thanks for the follow up
Respectfully,

Mark Templeton, RLA
Principal Planner/Landscape Review

Collier County
Development Review Division
Exceeding Expectations, Every Day!

NOTE: Email Address Has Changed

2800 North Horseshoe Drive, Naples Florida 34104
Phone: 239.252.2475

How are we doing? Please CLICK HERE to fill out a Customer Survey.
We appreciate your Feedback!
Disclaimer- this email is not to be interpreted as an endorsement or approval of any permit, plan, project, or deviation from Land Development Code.

From: SammonSean <Sean.Sammon@colliercountyfl.gov>
Sent: Tuesday, August 30, 2022 3:41 PM
To: TempletonMark <Mark.Templeton@colliercountyfl.gov>
Cc: ThomasClarkeVEN <Thomas.Clarke@colliercountyfl.gov>
Subject: PL20220005310 - Rookery Bay Maintenance Bldg #2 (VA)

Mark,

I just completed the Pre-App for this Variance request on 10 Shell Island RD (00743360007). They are proposing to demoli and construct a new prefabricated metal building next to the original location and keep the old location as an open concre slab. The variance request is because they will be encroaching into the 40' front yard setback.

Do you have any comments for Landscape Review?

Respectfully,
Sean Sammon, Principal Planner
Zoning Division - Zoning Services Section

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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NAPLES, FLORIDA 34104
(239) 252-2400

Meeting Notes

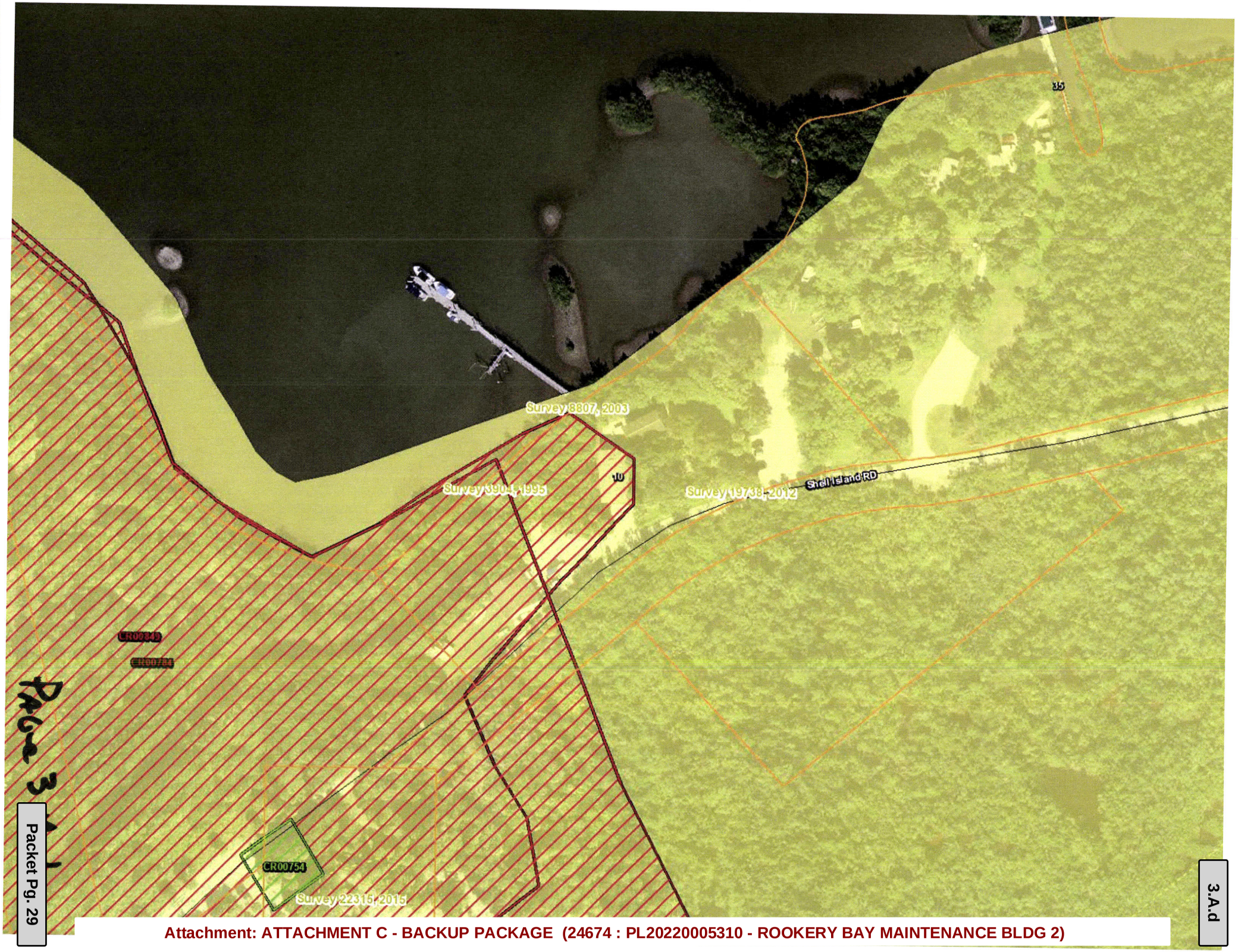
ZONING NOTES - See ATTACHED AERIAL & LIST OF ARCHAEOLOGICAL CONSULTANTS - PAGE 3.A.1 - 3.A.4

- See ZONING NOTES PAGES 3.B.1. - 3.B.4.

Other required documentation for submittal (not listed on application):

Disclaimer: Information provided by staff to applicant during the Pre-Application Meeting is based on the best available data at the time of the meeting and may not fully inform the applicant of issues that could arise during the process. The Administrative Code and LDC dictates the regulations which all applications must satisfy. Any checklists provided of required data for an application may not fully outline what is needed. It is the applicant's responsibility to provide all required data.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)



Page 34

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

List of Members of Certified Professional Archaeological Businesses in Florida
Version of January 1, 2006

1. **Archaeological Adventures LC**
   561-627-7920
   1143 Rainwood Cir W
   Palm Beach Gardens FL 33410
   Heading Match: Archaeologists
   More InfoDirections
2. **Archaeological Adventures Lc**
   561-627-7920
   1143 Rainwood Cir W
   West Palm Beach FL 33410-5234
   Heading Match: Archaeologists
   More InfoDirections
3. **Archaeological Consultant Inc**
   850-926-9285
   98 Hickorywood Dr
   Crawfordville FL 32327-2562
   Heading Match: Archaeologists
   More InfoDirections
4. **Archaeological Consultants**
   941-925-9906
   8110 Blaikie Ct
   Sarasota FL 34240-8308
   Heading Match: Archaeologists
   More InfoDirections
5. **Archaeological Consultants Inc**
   941-379-6206
   8110 Blaikie Ct Ste A
   Sarasota FL 34240-8308
   Heading Match: Archaeologists
   More InfoDirections
6. **Archaeological Research**
   239-337-3463
   11595 Kelly Rd Ofc
   Fort Myers FL 33908-2539
   Heading Match: Archaeologists
   More InfoDirections
7. **Archaeological Research**
   239-337-3463
   11595 Kelly Rd
   Fort Myers FL 33908
   Heading Match: Archaeologists
   More InfoDirections
8. **Artifacts Collections the**
   561-748-4849
   337 E Indiantown Rd
   Jupiter FL 33477-5073
   Heading Match: Archaeologists
   More InfoDirections
9. **Center For Historical Archaeology**
   321-773-0200
   285 Provincial Dr
   Indialantic FL 32903-2331
   Heading Match: Archaeologists
   More InfoDirections

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

10. **Consolidated Environmental Engineering**
321-951-3830
245 East Dr
Melbourne FL 32904-1087
Heading Match: Archaeologists
More InfoDirections

11. **Dickinson Martin F Archaeologist**
352-372-2633
3700 NW 91st St
Gainesville FL 32606-7361
Heading Match: Archaeologists
More InfoDirections

12. **Environmental Services Inc**
561-743-5141
1410 Park Ln S
Jupiter FL 33458
Heading Match: Archaeologists
More InfoDirections

13. **Environmental Services Inc**
904-470-2200
7220 Financial Way Ste 100
Jacksonville FL 32256-6840
Heading Match: Archaeologists
More InfoDirections

14. **Environmental Services Inc**
904-824-5494
2825 Lewis Speedway Unit 101
Saint Augustine FL 32084-8669
Heading Match: Archaeologists
More InfoDirections

15. **Environmental Services Inc**
850-837-5377
36468 Emerald Coast Pkwy
Destin FL 32541-4799
Heading Match: Archaeologists
More InfoDirections

16. **Florida Archeological Services Inc**
904-389-1976
4250 Melrose Ave
Jacksonville FL 32210-2131
Heading Match: Archaeologists
More InfoDirections

17. **Greg Mikell Archaeological Consultant**
850-969-9109
4430 Yarmouth Pl
Pensacola FL 32514-8222
Heading Match: Archaeologists
More InfoDirections

18. **Gulf Archaeology Research Institute**
352-564-0888
5990 N Tallahassee Rd
Crystal River FL 34428-2952
Heading Match: Archaeologists
More InfoDirections

19. **Integrative Environmental Solutions**
321-956-0360
Melbourne FL 32901
Heading Match: Archaeologists
More InfoDirections

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

20. Janus Research
813-636-8200
1300 W Shore Blvd N
Tampa FL 33602
Heading Match: Archaeologists
More InfoDirections

21. National Center For Shipwreck Research
305-453-3833
21 Jewfish Ave
Key Largo FL 33037-4777
Heading Match: Archaeologists
More InfoDirections

22. Pan-American Consultants
813-884-6351
5313 Johns Rd
Tampa FL 33634
Heading Match: Archaeologists
More InfoDirections

23. Pan-American Consultants Inc
813-873-9606
1207 N Himes Ave Ste 5
Tampa FL 33607-5041
Heading Match: Archaeologists
More InfoDirections

24. Pan-American Consultants Inc
813-873-9606
1207 N Himes Ave
Tampa FL 33607
Heading Match: Archaeologists
More InfoDirections

25. Prentice Thomas & Assoc Inc
850-243-5992
425 E Hollywood Blvd Ste D
Mary Esther FL 32569-2071
Heading Match: Archaeologists
More InfoDirections

26. R Christopher Goodwin & Associates
850-575-0565
848 Blountstown Hwy
Tallahassee FL 32304-2790
Heading Match: Archaeologists
More InfoDirections

27. Realsouth Tours
352-372-2633
3700 NW 91st St Ste D300
Gainesville FL 32606-7356
Heading Match: Archaeologists

28. South Fl Conservation Center Inc
954-785-7512
Pompano Beach FL 33060
Heading Match: Archaeologists

29. South Florida Conservation Center
954-785-7512
3400 Spring St
Pompano Beach FL 33062
Heading Match: Archaeologists

30. Southeastern Archaeological Research
352-333-0049
315 NW 138th Ter
Gainesville FL 32601
Heading Match: Archaeologists

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Rookery Bay Maintenance Bldg #2 – PL20220005310 – Pre-App Notes – Zoning – Sean Sammon

August 30, 2022; 3:00 pm

- Applicant – Requests a Variance under the proposed conditions, the 40'x40' maintenance building will be demolished with the existing concrete slab to remain. A new prefabricated metal building of similar size would be constructed directly behind the existing building. The existing aluminum kayak cover would be replaced in the same location and in the same footprint. On October 20, 2021, WEC conducted a pre-application meeting with Collier County staff to discuss the permitting steps. An ZVL was recommended and submitted; however, the County then advised to submit a Variance Petition, for which this pre-app is being requested.
- Subject Property is pre-existing nonconforming lot, ±5.92 acres located within the Conservation (CON) Zoning District
- ZLTR – PL20210003208 determined setbacks for proposed structure:
    - Since maintenance building is being demolished it loses its nonconforming status and the legal setbacks apply
    - Accessory structure "Utility Building" According to LDC Sec. 4.02.03
        - Front – Same as Principal Structure = 40'
        - Side – 10'
        - Rear – Same as Principal Structure = 30'
        - Structure to Structure separation =10'
    - Demolition of maintenance building applies to LDC Sec. 9.03.02 item F.3
    - **INCLUDE THIS LETTER WITHIN YOUR APPLICATION**
- Zoning determinations:
    - What will the Variance be for?
        - There is an existing maintenance building for storage for research boats. The facility was awarded grant funding for resilience to strengthen the facility and redo the building since it's below flood level and bring it up to code. There will be flood proofing provided for the

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

new building. During the Pre-App Meeting for the SDP, the setback issue arose and it was suggested to obtain an Variance.

- **THIS WILL BE IMPORTANT TO ADD INTO YOUR NARRATIVE**

- According to ZLTR-PL2021-3208, held under pre-existing nonconforming lot setbacks, footnote 5 (LDC Sec. 4.02.03 Table 2.1 footnote 5)
  - Front – 40' *(taken from road/R.O.W. regardless of owner)*
  - Sides – 10% lot width, max 20' on both sides (accessory structure, defer to 10')
  - Rear – 30'
- The property appears to have been split by Shell Island Rd, do you have the Master Property Card to confirm the cause for the split?
  - The GIS shows there's a split; **Applicant will obtain Master Property Card to include with application.**
- What will the existing concrete slab be used for?
  - Primarily it is too costly to remove, will be useful to the property
- Is the Kayak structure freestanding or connected to another structure? Will it maintain a 10' separation from the proposed maintenance building? If not, will be required to include this within the variance request
  - Applicant states 25'-30'
  - **IMPORTANT TO SHOW & INCLUDE THIS SEPARATION DISTANCE ON PLANS FOR APPLICATION SUBMITTAL**
- Multiple variances can be included within one variance application

- **Variance Process will reference LDC Sec. 9.04.00 and LDC Sec. 8.10.00**
  - Must satisfy the criteria found in LDC Sec. 9.04.03 A through H
  - Application contents:
    - Appropriate submittal: Complete application & required property & zoning information and supporting documents
    - Narrative or detailed explanation of request:
      - Existing and proposed structures
      - Amount of encroachment proposed
      - Survey of property showing encroachment (measured in feet)

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

- Date of purchase by property owner(s)
- Date of existing principal structure was built (any relevant building permit numbers if possible)
- Explanation why encroachment is necessary **(explain Land Related Hardship) – THIS IS THE KEY ISSUE FOR THE APPLICATION**
- How existing encroachment came to be, if applicable

- Narrative responding to 9.04.03 A – H
- **Include the Zoning Verification Letter**
- Conceptual Site Plan (24"x36") and one 8.5x11 copy
- Copy of last recorded deed, sale agreement, or notarized statement of ownership
- 8.5"x11" graphic location map of the site
- Aerial photographs taken within 12 months (min scale 1" = 200 ft) showing FLUCCS Codes, legend, and project boundary
- Site is on a historical/archaeological site
  - Submit a "Historical and Archaeological Survey and Assessment"
  - Per Collier County GIS Historical Maps (see attached map), the site subject land/property contains historical site CR00784 (red hatched area), as well as historical/archaeological probability area (yellow area)
  - Please see list of certified archaeologists you can contact (see attached pages – if necessary)
  - Applicant stated they have their own Archaeological Maps and Archaeologists and prefer to do this in-house to keep down the costs
    - **This is allowable as long as they are Florida state certified Archaeologists**
- Environmental Data Requirements
  - Applicant stated there will be no exotic vegetation removed
  - Please contact Environmental Specialist, Craig Brown

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

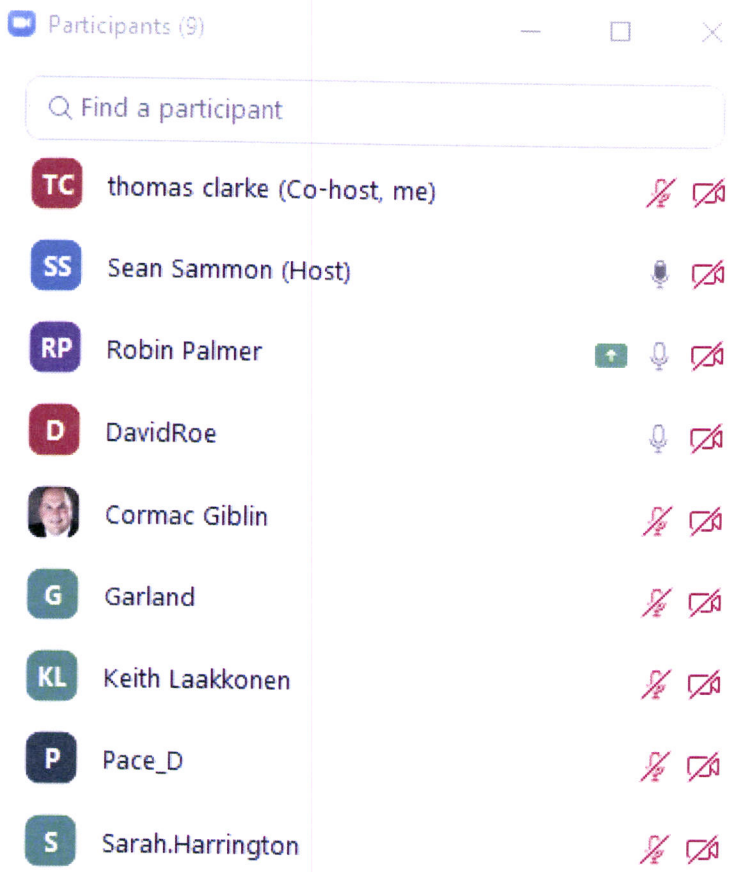
- Craig.Brown@colliercountyfl.gov; 239.252.2548
- Owner/Agent affidavit

- **Requires at least 1 advertised public hearing**
  - **Mailed notifications & newspaper advertisements**
  - **One advertised HEX public hearing**
- **Decision Maker: Hearing Examiner**

- Any further questions, please contact me at Sean.Sammon@colliercountyfl.gov – (239)252-8422
- Timing Expectations:
  - When application is submitted, timer starts for a 30-day review period
  - **ANY CORRECTIONS** – Timer restarts another 30-day review period
  - Once approved, expect another 30-45 days until Petition is taken to the Hearing Examiner
    - When it is approved, I (planner) will create a Title, it must be reviewed and approved by you (applicant) then it must be reviewed and approved by the county' attorney's office then it is distributed to the Operations Analyst in order to schedule your hearing
    - You (applicant) will be required to assemble a Backup Packet consisting of all final and complete materials used for your application
    - I (planner) will draft a staff report
  - Hearing Examiner has 30 days to make approval/denial decision
  - If you have everything together and accurate with no mistakes (completed applications, dot your I's and cross your T's, all required submittal materials from the application list, nothing is missing, and it meets all standards) you can expect up to 2-3 months until a decision for approval/denial is made.
  - Be aware we are approaching the holiday season and many other applicants will be trying to get their petitions scheduled for a hearing, the sooner the better
  - We do offer an informal Post-Review Meeting: Post-review meetings are offered on Friday mornings and include all rejecting reviewers. If you would like to schedule a meeting, please contact Thomas Clarke, Operations Coordinator, at 239-252-2526 or by emailing him at Thomas.Clarke@colliercountyfl.gov.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Rookery Bay Maintenance Building Building 2 (VA) – Sean Sammon 8/30/22



Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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2800 NORTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104
(239) 252-2400

Pre-Application Meeting Sign-In Sheet

PL# 20220005310

Collier County Contact Information:

Name	Review Discipline	Phone	Email
☐ Maggie Acevedo	North Collier Fire	252-2309	macevedo@northcollierfire.com
☐ Steve Baluch	Transportation Planning	252-2361	stephen.baluch@colliercountyfl.gov
☐ Shar A.Beddow	MSM/Deputy Fire Marshal - Greater Naples Fire	241-1422	sbeddow@gnfire.org
☐ Ray Bellows	Zoning, Planning Manager	252-2463	raymond.bellows@colliercountyfl.gov
☐ Laurie Beard	PUD Monitoring	252-5782	laurie.beard@colliercountyfl.gov
☒ Craig Brown – See Notes	Environmental Specialist	252-2548	craig.brown@colliercountyfl.gov
☐ Heidi Ashton Cicko	Managing Asst. County Attorney	252-8773	heidi.ashton@colliercountyfl.gov
☒ Thomas Clarke	Zoning Operations Analyst	252-2584	thomas.clarke@colliercountyfl.gov
☐ Jamie Cook	Development Review Director	252-6290	Jaime.cook@colliercountyfl.gov
☐ Gabriela Castro	Zoning Principal Planner	252-4211	gabriela.castro@colliercountyfl.gov
☐ Maggie DeMeo	North Collier Fire	252-2308	pdemeo@northcollierfire.com
☐ Eric Fey, P.E.	Utility Planning	252-1037	eric.fey@colliercountyfl.gov
☐ Tim Finn, AICP	Zoning Principal Planner	252-4312	timothy.finn@colliercountyfl.gov
☐ Sue Faulkner	GMP - Comprehensive Planning	252-5715	sue.faulkner@colliercountyfl.gov
☐ Michael Gibbons	Structural/Residential Plan Review	252-2426	michael.gibbons@colliercountyfl.gov
☐ Storm Gewirtz, P.E.	Engineering Stormwater	252-2434	storm.gewirtz@colliercountyfl.gov
☒ Cormac Giblin, AICP	Development Review-Planning Manager	252-5095	Cormac.giblin@colliercountyfl.gov
☐ Nancy Gundlach, AICP	Zoning Principal Planner	252-2484	nancy.gundlach@colliercountyfl.gov
☐ Rachel Hansen	GMP – Comprehensive Planning	252-1142	Rachel.hansen@colliercountyfl.gov
☐ Richard Henderlong	Zoning Principal Planner	252-2464	richard.henderlong@colliercountyfl.gov
☐ John Houldsworth	Engineering Subdivision	252-5757	john.houldsworth@colliercountyfl.gov
☐ Alicia Humphries	Right-Of-Way Permitting	252-2326	alicia.humphries@colliercountyfl.gov
☐ Anita Jenkins	Planning & Zoning Director	252-5095	Anita.jenkins@colliercountyfl.gov
☐ John Kelly	Zoning Senior Planner	252-5719	john.kelly@colliercountyfl.gov
☐ Parker Klopf	GMP – Comprehensive Planning	252-2471	Parker.klopf@colliercountyfl.gov
☐ Troy Komarowski	North Collier Fire	252-2521	tkomarowski@northcollierfire.com
☐ Sean Lintz	North Collier Fire	597-9227	slintz@northcollierfire.com
☐ Diane Lynch	Operations Analyst	252-8243	diane.lynch@colliercountyfl.gov
☐ Thomas Mastroberto	Greater Naples Fire	252-7348	thomas.mastroberto@colliercountyfl.gov
☐ Jack McKenna, P.E.	Engineering Services	252-2911	jack.mckenna@colliercountyfl.gov

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☐ Matt McLean, P.E.	Division Director - IF, CPP & PM	252-8279	matthew.mclean@colliercountyfl.gov
☐ Michele Mosca, AICP	Capital Project Planning	252-2466	michele.mosca@colliercountyfl.gov
☐ Richard Orth	Stormwater Planning	252-5092	richard.orth@colliercountyfl.gov
☐ Eric Ortman	Zoning Principal Planner	252-1032	Eric.Ortman@colliercountyfl.gov
☐ Derek Perry	Assistant County Attorney	252-8066	Derek.perry@colliercountyfl.gov
☐ Brandi Pollard	Utility Impact fees	252-6237	brandi.pollard@colliercountyfl.gov
☐ Todd Riggall	North Collier Fire	597-9227	triggall@northcollierfire.com
☐ Brett Rosenblum, P.E.	Development Review Principal Project Manager	252-2905	brett.rosenblum@colliercountyfl.gov
☐ James Sabo, AICP	GMP, Comp Planning Manager	252-2708	james.sabo@colliercountyfl.gov
☐ Michael Sawyer	Transportation Planning	252-2926	michael.sawyer@colliercountyfl.gov
☐ Corby Schmidt, AICP	Comprehensive Planning	252-2944	corby.schmidt@colliercountyfl.gov
☐ Linda Simmons	North Collier Fire	252-2311	Linda.Simmons@colliercountyfl.gov
☐ Peter Shawinsky	Architectural Review	252-8523	peter.shawinsky@colliercountyfl.gov
☑ Mark Templeton- See Notes	Landscape Review	252-2475	mark.templeton@colliercountyfl.gov
☐ Connie Thomas	Client Services Supervisor	252-6369	Consuela.thomas@colliercountyfl.gov
☐ Jessica Velasco	Client Services	252-2584	jessica.velasco@colliercountyfl.gov
☐ Jon Walsh, P.E.	Building Review	252-2962	jonathan.walsh@colliercountyfl.gov
☐ Kirsten Wilkie	Environmental Review Manager	252-5518	kirsten.wilkie@colliercountyfl.gov
☐ Christine Willoughby	Development Review - Zoning	252-5748	christine.willoughby@colliercountyfl.gov
☐ Daniel Zunzunegui	North Collier Fire	252-2310	Daniel.Zunzunegui@colliercountyfl.gov

Additional Attendee Contact Information:

Name	Representing	Phone	Email
Sean Sammon	Zoning Principal Planner	252-8422	Sean.Sammon@colliercountyfl.
Donna Pace	Rookery Bay		
Robin Palmer	Woller Eng	941-505-1700	
Keith Laakkonen	"		
Garland	DEP		
David Roe	Environmental - Per Greg		

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Applicant/Agent may also send site plans or conceptual plans for review in advance if desired.

PL20220005310 – Rookery Bay Maintenance Building 2(VA) - Planner: Sean Sammon

Assigned Ops Staff: Thomas Clarke

STAFF FORM FOR SUPPLEMENTAL PRE-APPLICATION MEETING INFORMATION

- **Name and Number of who submitted pre-app request**

  Lourdes Ramalle, Weiller Engineering.
  941-505-1700
  Jeff@thanaples.com

- **Agent to list for PL#**

  ROBIN PALMER
  ~~Lordes Ramalle~~

- **Owner of property (all owners for all parcels)**

  TIITF/DNR Div Rec & Parks Rookery Bay Sancturary

- **Confirm Purpose of Pre-App: Variance (VA)**

Under the proposed conditions, the 40'x40' maintenance building will be demolished with the existing concrete slab to remain. A new, prefabricated metal building of similar size would be constructed directly behind the existing building. The existing aluminum kayak cover would be replaced in the same location and in the same footprint. On October 20, 2021, WEC conducted a pre-application meeting with Collier County staff to discuss the permitting steps. An ZVL was recommended and submitted; however, the County then advised to submit a Variance Petition, for which this pre-app is being requested.

- **Please list the density request of the project if applicable and number of homes/units/offices/docks (any that apply): N/A**

- **Details about Project:**

  See Above

REQUIRED Supplemental Information provided by:
Name:
Title:
Email:
Phone:

Cancellation/Reschedule Requests: Contact Danny Condomina-Client Services Supervisor danny.condomina@colliercountyfl Phone: 239-252-6866

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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(239) 252-2400 FAX: (239) 252-6358

b) Are there special conditions and circumstances which do not result from the action of the applicant such as pre-existing conditions relative to the property which is the subject of the variance request.

c) Will a literal interpretation of the provisions of this zoning code work unnecessary and undue hardship on the applicant or create practical difficulties on the applicant.

d) Will the variance, if granted, be the minimum variance that will make possible the reasonable use of the land, building or structure and which promote standards of health, safety or welfare.

e) Will granting the variance requested confer on the petitioner any special privilege that is denied by these zoning regulations to other lands, buildings, or structures in the same zoning district.

f) Will granting the variance be in harmony with the intent and purpose of this zoning code, and not be injurious to the neighborhood, or otherwise detrimental to the public welfare.

g) Are there natural conditions or physically induced conditions that ameliorate the goals and objectives of the regulation such as natural preserves, lakes, golf course, etc.

h) Will granting the variance be consistent with the Growth Management Plan?

4. Official Interpretations or Zoning Verifications: To your knowledge, has there been an official interpretation or zoning verification rendered on this property within the last year?

☒ Yes ☐ No If yes, please provide copies.

ZLTR-PL20210003208

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Pre-Application Meeting and Final Submittal Requirement Checklist for: Variance Chapter 3 J. of the Administrative Code

The following Submittal Requirement Checklist is to be utilized during the Pre-Application Meeting and at time of application submittal. At time of submittal, the checklist is to be completed and submitted with the application packet. Please provide the submittal items in the exact order listed below with cover sheets attached to each section. **Incomplete submittals will not be accepted.**

REQUIREMENTS FOR REVIEW	# OF COPIES	REQUIRED	NOT REQUIRED
Completed Application (download current form from County website)	1	X	
Pre-Application Meeting Notes	1	X	
Project Narrative	1	X	
Completed Addressing Checklist	1	X	
Property Ownership Disclosure Form	1	X	
Conceptual Site Plan 24" x 36" and one 8 ½ " x 11" copy	1	X	
Survey of property showing the encroachment (measured in feet)	2	X	
Affidavit of Authorization, signed and notarized	2	X	
Deeds/Legal's	3	X	
Location map	1	X	
Current aerial photographs (available from Property Appraiser) with project boundary and, if vegetated, FLUCFCS Codes with legend included on aerial	5	X	
Historical Survey or waiver request – See Notes	1	X	
Environmental Data Requirements or exemption justification	3		X
Once the first set of review comments are posted, provide the assigned planner the Property Owner Advisory Letter and Certification	1	X	
Electronic copy of all documents and plans *Please advise: The Office of the Hearing Examiner requires all materials to be submitted electronically in PDF format.	1	X	

ADDITIONAL REQUIREMENTS FOR THE PUBLIC HEARING PROCESS:

- Following the completion of the review process by County review staff, the applicant shall submit all materials electronically to the designated project manager.
- Please contact the project manager to confirm the number of additional copies required.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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(239) 252-2400 FAX: (239) 252-6358

Planners: Indicate if the petition needs to be routed to the following reviewers:

☐	Bayshore/Gateway Triangle Redevelopment: Executive Director	☒	Historical Review Ray Bellows
☐	City of Naples: Robin Singer, Planning Director	☐	Immokalee Water/Sewer District
☐	Conservancy of SWFL: Nichole Ryan	☐	Parks and Recreation: David Berra
☐	Emergency Management: Dan Summers; and/or EMS: Artie Bay	☐	School District (Residential Components): Amy Lockheart
☐	Other: FIRE	☐	

FEE REQUIREMENTS

- ☒ **Pre-Application Meeting:** $500.00
- ☑ **Variance Petition:**
  - ○ **Residential-** $2,000.00
  - ◉ **Non-Residential-** $5,000.00
  - ○ **5th and Subsequent Review-** 20% of original fee
- ☒ **Estimated Legal Advertising Fee for the Office of the Hearing Examiner:** $1,125.00
- ☐ **After The Fact Zoning/Land Use Petitions:** 2x the normal petition fee
- ☐ **Listed Species Survey (if EIS is not required):** $1,000.00

Fire Code Plans Review Fees are collected at the time of application submission and those fees are set forth by the Authority having jurisdiction. The Land Development Code requires Neighborhood Notification mailers for Applications headed to hearing, and this fee is collected prior to hearing.

As the authorized agent/applicant for this petition, I attest that all of the information indicated on this checklist is included in this submittal package. I understand that failure to include all necessary submittal information may result in the delay of processing this petition.

All checks payable to: Board of County Commissioners.

The completed application, all required submittal materials, and the permit fee shall be submitted to:
Growth Management Department
Zoning Division
ATTN: Business Center
2800 North Horseshoe Drive
Naples, FL 34104

_____ _____
Applicant Signature Date

_____
Printed Name

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

WEILER ENGINEERING CORPORATION

EB-6656 – ENGINEERING SERVICES INCLUDE CIVIL | LAND DEVELOPMENT | WATERFRONT RESORTS | UTILITIES | MUNICIPAL GOVERNMENT | STRUCTURAL | MINING | GIS - GPS

WEC xcellence in engineering

January 10, 2023

Raymond V. Bellows
Zoning Manager
Zoning Division- Zoning Services Section
Growth Management Department

RE: Rookery Bay Pole Barn / Maintenance Building Variance Petition (PL20220005310)

Mr. Bellows,

On behalf of the Florida Department of Environmental protection, we are submitting a Variance Petition for the replacement maintenance barn located at 10 Shell Island Rd., Naples, FL. The site is currently developed and utilized as the Rookery Bay Research Reserve. The parcel is approximately 2.18 acres and consists of an existing 40'x40' maintenance building/pole barn, kayak cover, lab building/office buildings, and gravel parking. The FDEP has received grant funding to demolish and replace the existing 40'x40' maintenance building and aluminum kayak cover and replace them with similar structures that are more resilient to future storm events. The maintenance barn is a critical structure that is used for vessel repair and maintenance for the boats used at Rookery Bay for important environmental research.

Under the proposed conditions, the 40'x40' maintenance building will be demolished with the existing concrete slab to remain. A new, prefabricated metal building of similar size (40' x 43') would be constructed closely behind the existing building. The existing aluminum kayak cover would be replaced in the same location and will have a similar footprint.

On October 20, 2021, WEC conducted a pre-application meeting with Collier County staff to discuss the permitting steps. It was suggested that a Zoning Verification Letter (ZVL) was the best option moving forward. A ZVL was submitted, but Collier County staff determined that a Variance Petition is required. On August 30, 2022, WEC conducted a second pre-application meeting with Collier County staff to discuss the process.

The parcel is within the Conservation Zoning District, which has 50' minimum front yard, 50' side yard setback, and a 50' rear yard setback based on the Zoning Verification Letter (ZLTR-PL20210003208).

Below are the setbacks for the existing maintenance building:

Front: 11.7'
Rear: 95' (to Property Line)
Side: 127'

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Below are the setbacks for the existing aluminum kayak cover:

Front: 51.5'
Rear: 79' (to Property Line)
Side: 147'

The current maintenance building's rear setback to the property line meets the 50' rear setback; however, it should be noted that the building abuts a large mangrove fringe and waterbody between the building and the property line. The existing maintenance barn does not meet the 50' front setback requirements. Since the new building will be located to the southwest of the existing building, the proposed setback to the MHWL/mangrove fringe would be similar to existing conditions and the front setback from the new building to the property line is approximately 50'.

This project would be extremely beneficial to the FDEP and Rookery Bay Research Reserve as the building provides the necessary work space to complete the aquatic testing. The existing structure is aged and constructed below the FEMA Flood Elevation. A new building would allow for a more sustainable, resilient, and meet the current Florida Building Code. We are requesting a variance from the required 50' front setback in order to construct the new building and kayak cover. The land-related hardship is due to limitations on the overall parcel size, existing development on-site, and sensitive mangroves prohibit the building from being placed in a location that meet the County's front setback requirements and achieve the desired goal of our client.

Below are the setbacks for the proposed maintenance building:

Front: 10.29' (Variance Requested)
Rear: 103.72' (Meets Requirements to Property Line)
Side: 80.27' (Meets Requirements to Property Line)

Below is the encroachment for the proposed maintenance building:
Front: 39.71' (Variance Requested)
Rear: N/A
Side: N/A

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Below are the setbacks for the proposed kayak cover:

Front: 39.62' (Variance Requested)
Rear: 95.45' (Meets Requirements to Property Line)
Side: 124.70' (Meets Requirements to Property Line)

Below is the encroachment for the proposed kayak cover:
Front: 10.38' (Variance Requested)
Rear: N/A
Side: N/A

Attached within the application package is the following:

1) Signed Variance Petition
2) Pre-Application Meeting Notes
3) Project Narrative
4) Addressing Checklist
5) Property Ownership Disclosure Form
6) Plans
    a. Aerial Photograph
    b. Location Map
    c. Conceptual Site Plan
    d. FLUCCS Map
7) Survey
8) Affidavit of Authorization
9) Deed
10) Location Map 8.5"x 11"
11) Historical Survey Application

If you have any additional questions, please feel free to contact me at (941) 505-1700 or rpalmer@weilerengineering.org.

Sincerely,

Robin Palmer, P.E.
Project Engineer

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Collier County
Growth Management
Community Development Department

ADDRESSING CHECKLIST

Please complete the following and upload via the CityView Portal with your submittal. Items marked with (*) are required for every application, other items are optional and may not apply to every project.

Forms are valid for 6 months following their submittal; an updated form will be required for a new submittal after that timeframe and any time the properties within the project boundary are modified.

Additional documents may be attached to this form and can include:

- * LOCATION MAP and/or SURVEY showing the proposed project boundary.
- List of additional folio numbers and associated legal descriptions.
- E-mail from Addressing Official for any pre-approved project and/or street names.

LOCATION INFORMATION

***FOLIO (Property ID) Number(s)** of subject property or properties. [Attach list if necessary]

00743360007

***LEGAL DESCRIPTION** of subject property or properties. [Attach list if necessary]

See legal description in submittal package

STREET ADDRESS(ES) where applicable, if already assigned.

10 Shell Island Road

PROJECT INFORMATION

Acceptance of this form does not constitute project and/or street name approval and is subject to further review by the Addressing Official. Pre-Approval may be requested by contacting us at GMD_Addressing@colliercountyfl.gov or 239-252-2482 prior to your submittal.

CURRENT PROJECT NAME

Replacement Pole Barn and Kayak Cover at Rookery Bay Research Reserve

PROPOSED PROJECT NAME

Replacement Pole Barn and Kayak Cover at Rookery Bay Research Reserve

PROPOSED STREET NAME(s)

N/A

LATEST APPROVED PROJECT NUMBER [e.g., SDP-94-##, PPL-2002-AR-####, PL2017000####]

N/A

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Operations & Regulatory Management Division ● 2800 North Horseshoe Drive ● Naples, FL 34104 ● 239-252-2400
www.colliercountyfl.gov

COLLIER COUNTY GOVERNMENT
GROWTH MANAGEMENT DEPARTMENT
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(239) 252-2400 FAX: (239) 252-6358

PROPERTY OWNERSHIP DISCLOSURE FORM

This is a required form with all land use petitions, except for Appeals and Zoning Verification Letters.

Should any changes of ownership or changes in contracts for purchase occur subsequent to the date of application, but prior to the date of the final public hearing, it is the responsibility of the applicant, or agent on his behalf, to submit a supplemental disclosure of interest form.

Please complete the following, use additional sheets if necessary.

a. If the property is owned fee simple by an INDIVIDUAL, tenancy by the entirety, tenancy in common, or joint tenancy, list all parties with an ownership interest as well as the percentage of such interest:

Name and Address	% of Ownership

b. If the property is owned by a CORPORATION, list the officers and stockholders and the percentage of stock owned by each:

Name and Address	% of Ownership

c. If the property is in the name of a TRUSTEE, list the beneficiaries of the trust with the percentage of interest:

Name and Address	% of Ownership
Florida Department of Environmental Protection c/o Keith Laakkonen	100
300 Tower Road Naples, FL 34113	

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

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NAPLES, FLORIDA 34104
(239) 252-2400 FAX: (239) 252-6358

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

d. If the property is in the name of a GENERAL or LIMITED PARTNERSHIP, list the name of the general and/or limited partners:

Name and Address	% of Ownership

e. If there is a CONTRACT FOR PURCHASE, with an individual or individuals, a Corporation, Trustee, or a Partnership, list the names of the contract purchasers below, including the officers, stockholders, beneficiaries, or partners:

Name and Address	% of Ownership

Date of Contract: _____

f. If any contingency clause or contract terms involve additional parties, list all individuals or officers, if a corporation, partnership, or trust:

Name and Address

g. Date subject property acquired _____

☐ **Leased: Term of lease _____ years /months**

If, Petitioner has option to buy, indicate the following:

COLLIER COUNTY GOVERNMENT
GROWTH MANAGEMENT DEPARTMENT
www.colliergov.net

2800 NORTH HORSESHOE DRIVE
NAPLES, FLORIDA 34104
(239) 252-2400 FAX: (239) 252-6358

Date of option: _____

Date option terminates: _____, or

Anticipated closing date: _____

AFFIRM PROPERTY OWNERSHIP INFORMATION

Any petition required to have Property Ownership Disclosure, will not be accepted without this form. Requirements for petition types are located on the associated application form. Any change in ownership whether individually or with a Trustee, Company or other interest-holding party, must be disclosed to Collier County immediately if such change occurs prior to the petition's final public hearing.

As the authorized agent/applicant for this petition, I attest that all of the information indicated on this checklist is included in this submittal package. I understand that failure to include all necessary submittal information may result in the delay of processing this petition.

The completed application, all required submittal materials, and fees shall be submitted to:
Growth Management Department
ATTN: Business Center
2800 North Horseshoe Drive
Naples, FL 34104

Agent/Owner Signature

Date 9/23/22

Keith Laakkonen
Agent/Owner Name (please print)

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

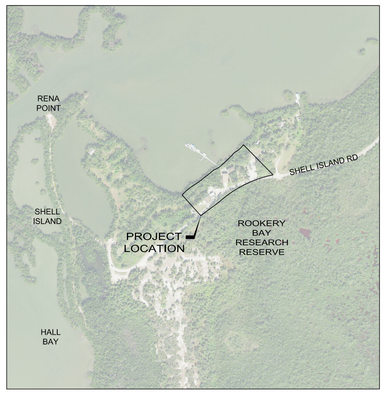
ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTERNATE
APPROX.	APPROXIMATE
BD.	BOARD
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BLT.	BUILT
BRK.	BRICK
BRKR.	BREAKER
BSMT.	BASEMENT
C.J.	CONTROL JOINT
CLG.	CEILING
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
CONC.	CONCRETE
CU	COPPER
CU. FT.	CUBIC FOOT
CU. IN.	CUBIC INCH
CU. YD.	CUBIC YARD
DIA./ø	DIAMETER
DBL	DOUBLE
DBT.	DRY-BULB TEMPERATURE
DEG.	DEGREE
DEPT.	DEPARTMENT
DF	DRINKING FOUNTAIN
DISC.	DISCONNECT
DL	DEAD LOAD
DN.	DOWN
D.S.	DOWN SPOUT
DWG.	DRAWING
E.F.	EXHAUST FAN
EXH	EXHAUST
EXP. JT.	EXPANSION JOINT
EXT.	EXTERIOR
FIN	FINISH
FL.	FLOOR
FLUOR.	FLUORESCENT
FP	FIREPLACE
FR	FIRE RATING
FT.	FOOT/FEET
FTG.	FOOTING
GALV.	GALVANIZED
GFI	GROUND FAULT CIRCUIT INTERRUPT
GOV'T	GOVERNMENT
GR.FL.	GROUND FLOOR
GYP.	GYPSUM
H.C.	HOLLOW CORE
H.D.G.	HOT DIPPED GALVANIZED
HDR	HEADER
HDWR.	HARDWARE
H.P.	HORSEPOWER
HT.	HEIGHT
HTR	HEATER
HV.	HIGH VOLTAGE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HWY.	HIGHWAY
ID	INSIDE DIAMETER
IN	INCH
INCAND.	INCANDESCENT
INCL.	INCLUDED
INSUL	INSULATION
INT.	INTERIOR
INV. EL.	INVERT ELEVATION
JST.	JOIST
KD	KILN DRIED
KW	KILOWATT
KWH	KILOWATT HOUR
LAM.	LAMINATED
LAV.	LAVATORY
LB.	POUND
LTG.	LIGHTING
LGTH.	LENGTH
LIN.	LINEAR
LL	LIVE LOAD
MANUF.	MANUFACTURE
MAX.	MAXIMUM
MF.	MILL FINISH
MIN.	MINIMUM
MLDG.	MOLDING
MHW	MEAN HIGH WATER
MHHW	MEAN HIGHER HIGH WATER
MLW	MEAN LOW WATER
MLLW	MEAN LOWER LOW WATER
MSL	MEAN SEA LEVEL
MOD.	MODIFICATION
NTS	NOT TO SCALE
NO./#	NUMBER
OA	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFC.	OFFICE
O/H	OVER HEAD
OPP.	OPPOSITE
PARTN.	PARTITION
PC	PORTLAND CEMENT
PCF	POUNDS PER CUBIC FOOT
P.E.	PROFESSIONAL ENGINEER
PERF.	PERFORATE
PERP.	PERPENDICULAR
PL.	PLATE
PLG.	PILING
PLYWD.	PLYWOOD
PNL	PANEL
PREFAB.	PREFABRICATED
PRELIM.	PRELIMINARY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
QS	QUARTER SAWN
R	RADIUS
RCPT.	RECEPTACLE
REBAR	REINFORCING BAR
REFRIG.	REFRIGERATOR
REINF.	REINFORCING
RFG	ROOFING
RGH	ROUGH
RM	ROOM
R.O.	ROUGH OPENING
RS	ROUGH SAWN
S.C.	SOLID CORE
SCH	SCHEDULE
SDG	SIDING
SECT	SECTION
SFTWD	SOFTWOOD
SGD	SLIDING GLASS DOOR
SH	SHINGLES
SPEC	SPECIFICATION
SPR	SPRUCE
SQ.	SQUARE
SQ. FT.	SQUARE FOOT
SQ. IN.	SQUARE INCH
SQ. YD.	SQUARE YARD
SS	STAINLESS STEEL
STL	STEEL
SUB. FL.	SUBFLOOR
SUP.	SUPPLY
SW.	SWITCH
SYM.	SYMMETRICAL
S.Y.P.	SOUTHERN YELLOW PINE
SYS.	SYSTEM
S4S	SURFACED FOUR SIDES
TEL.	TELEPHONE
T&G	TONGUE-AND-GROOVE
TYP.	TYPICAL
U.E.	UNDERGROUND ELECTRIC
U.G.	UNDER GROUND
UL	UNDERWRITERS LABORATORIES, INC.
V.	VOLT
VENT.	VENTILATOR
VERT.	VERTICAL
VIF	VERIFY IN FIELD
VOL.	VOLUME
VP	VENT PIPE
VTR	VENT THRU ROOF
W.	WATER
WBT.	WET BULB TEMPERATURE
WC	WATER CLOSET
WD	WOOD
WP	WATERPROOF
WWF.	WELDED WIRE FABRIC
YD	YARD

REFERENCE LEGEND

G8 / A502 — SECTION IDENTIFICATION / SHEET NUMBER

G8 / A502 — DETAIL IDENTIFICATION / SHEET NUMBER



MAP SCALE: 1"=500'

REPLACEMENT POLE BARN AND KAYAK COVER

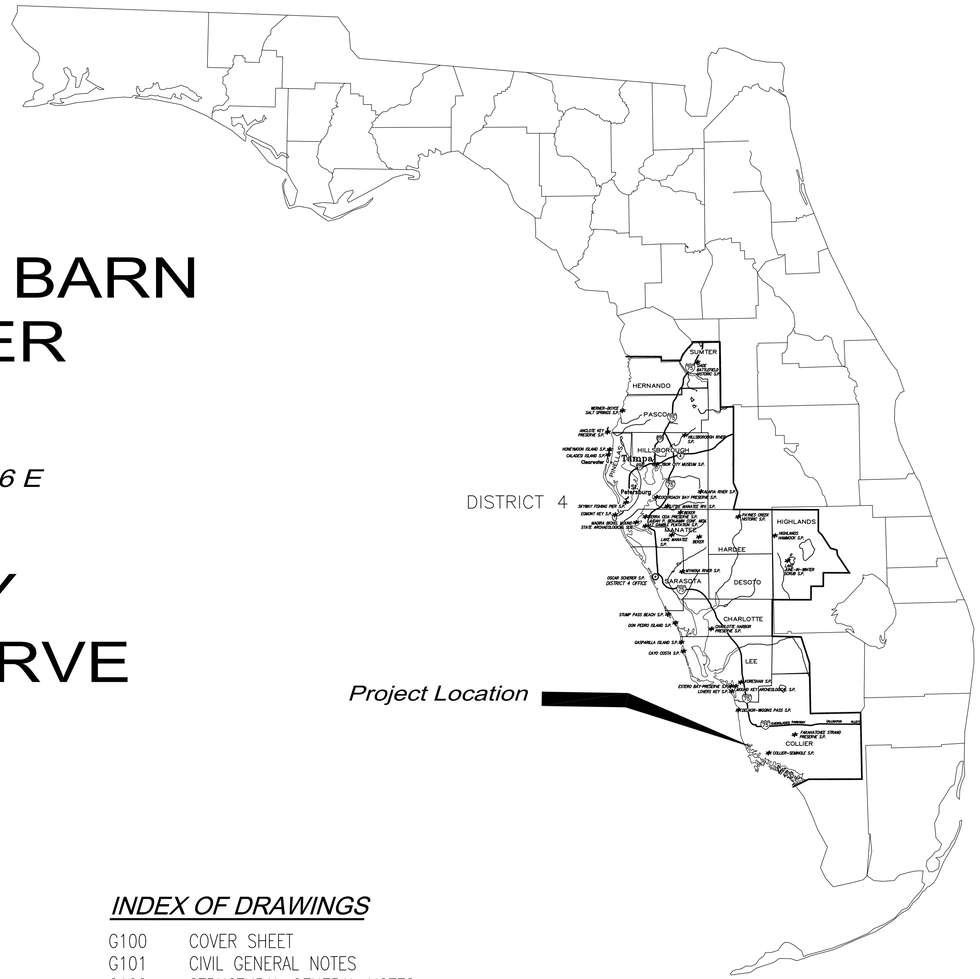
DISTRICT 4

COLLIER COUNTY

SECTION 17, TOWNSHIP 51 S, RANGE 26 E

ROOKERY BAY RESEARCH RESERVE

PROJECT # RBF1052



SCOPE OF PROJECT

DESIGN A POLE BARN AND KAYAK COVER DAMAGED BY HURRICANE IRMA.
CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, EQUIPMENT, PERMITTING, AND SUPERVISION NECESSARY TO SUCCESSFULLY REPLACE THE EXISTING POLE BARN AND KAYAK COVER AT ROOKERY BAY RESEARCH RESERVE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

INDEX OF DRAWINGS

G100	COVER SHEET
G101	CIVIL GENERAL NOTES
G102	STRUCTURAL GENERAL NOTES
C100	2019 AERIAL PHOTOGRAPH
C101	EXISTING CONDITIONS & DEMO PLAN
C102	BEST MANAGEMENT PRACTICES & DETAIL PLAN
C103	SITE PLAN
C104	FLUCCS MAP
S100	GARAGE FOUNDATION PLAN
S200	GARAGE FLOOR PLAN
S201	STORAGE PLAN & ELEVATIONS
S300	GARAGE ELEVATIONS AND BUILDING SECTION
E100	GARAGE ELECTRICAL PLAN

APPLICABLE CODES AND DESIGN DATA

CODE LIST

FLORIDA BUILDING CODE, BUILDING (FBC-B)	2020 Edition
FLORIDA BUILDING CODE, FUEL GAS (FBC-FG)	2020 Edition
FLORIDA BUILDING CODE, MECHANICAL (FBC-M)	2020 Edition
FLORIDA BUILDING CODE, PLUMBING (FBC-P)	2020 Edition
FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB)	2020 Edition
FLORIDA BUILDING CODE, RESIDENTIAL (FBC-R)	2020 Edition
FLORIDA FIRE PREVENTION CODE (FFPC)	2020 Edition
NATIONAL ELECTRICAL CODE NFPA-70	2020 Edition
FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONST.	Latest Edition
FDOT DESIGN STANDARDS	Latest Edition
FLORIDA ACCESSIBILITY CODE	2020 Edition

DESIGN DATA

(RESTROOM)

CONSTRUCTION TYPE:	VB	TOTAL BUILDING AREA PER FLOOR:	1720 SF
OCCUPANCY CLASS:	UTILITY	BUILDING HEIGHT/NUMBER OF STORIES:	18'-9"/1
OCCUPANT LOAD:	6	REQUIRED SPRINKLER OR ALARM SYSTEM:	Yes / No
TOTAL EXITS:	1	NUMBER OF BEDROOMS:	N/A
SQ FT ALTERED AREA:	N/A	LEVEL OF ALTERATION:	NEW

DESIGN LOADS:

LIVE LOADS (PER FBC TABLE 1607.1):

FLOOR AND DECK LOADS

FLOOR DEAD LOAD:..... SEE MANUFACTURED BUILDING PLAN SET

FLOOR LIVE LOAD:..... SEE MANUFACTURED BUILDING PLAN SET

ROOF LOAD

LIVE LOAD:..... SEE MANUFACTURED BUILDING PLAN SET

DEAD LOAD:..... SEE MANUFACTURED BUILDING PLAN SET

WIND LOADS (PER ASCE 7-16):

BASIC WIND SPEED (1609.3.1)

Ultimate (V_{ult})(THREE SECOND GUEST):.....170 MPH

Nominal (V_{asd}):.....132 MPH

RISK CATEGORY (1604.5):.....CATEGORY II

WINDOW LOAD IMPORTANCE FACTOR:.....1.00

WINDOW EXPOSURE (1609.4):.....EXPOSURE D

INTERNAL PRESSURE COEFFICIENT (Gcpi):.....-0.18/+0.18 (Enclosed)

COMPONENTS & CLADDING WIND PRESSURES:.....PER PLAN

LIFE SAFETY PLAN:

REFER TO PRE-MANUFACTURED BUILDING PLAN SET

WEILER ENGINEERING CORPORATION EB# 6656

30 YEARS of Service

xcellence in engineering

201 WEST MARION AVENUE - SUITE 1306 | PUNTA GORDA | FL 33950

TEL 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG

DESIGNER

20045.007

CONSULTANT CONTRACT No.

01/10/2023

INITIAL ISSUE DATE

R. Jeff Weiler,
Professional Engineer,
State of Florida,
License No. 46027
This item has been digitally signed and sealed by R. Jeff Weiler, P.E. on the date indicated here.
01/10/2023
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Robin C. Palmer
Professional Engineer
State of Florida
Registration No. 90050

Florida Department of Environmental Protection

Division of Recreation and Parks Bureau of Design and Construction

ROOKERY BAY RESEARCH RESERVE
REPLACEMENT POLE BARN AND KAYAK COVER

USER: mgering PLOTTED THE G100_COVER24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:35pm

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

PRE-BID SUBMITTAL
THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO FAMILIARIZE HIMSELF WITH THE CONDITIONS FOR CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER A WRITTEN LIST OF ALL PERMITS AND COPIES THEREOF, AND CAREFULLY REVIEW ALL PLANS, SPECIFICATIONS, AND PERMITS PREVIOUSLY SECURED ON BEHALF OF THE OWNER. IN CASE OF ANY DISCREPANCY EITHER IN PERMIT DOCUMENTS, PLANS, DRAWINGS, OR SPECIFICATIONS, THE CONTRACTOR MUST PROMPTLY SUBMIT A "WRITTEN CLARIFICATION REQUEST" TO THE OWNER, WHO WILL PROMPTLY FORWARD SAME TO THE ENGINEER WHO WILL MAKE A DETERMINATION IN WRITING. THE CONTRACTOR MUST VERIFY EXISTING FACILITY INFORMATION, AND ALL DESIGN/PERMIT DATA REQUIRED FOR WORK THAT IS TO CONNECT WITH EXISTING FACILITIES. ANY DISCREPANCIES BETWEEN THE CONTRACT REQUIREMENTS AND THE EXISTING CONDITIONS MUST BE REFERRED TO THE OWNER, IN WRITING, FOR AN ENGINEERING DETERMINATION. ANY FUTURE ADJUSTMENT DUE TO FAILURE BY THE CONTRACTOR TO IDENTIFY THE RELATED DISCREPANCY, WILL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY LICENSES ADDITIONAL PERMITS, AND FOR COMPLYING WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS IN CONNECTION WITH THE PERFORMANCE OF THE WORK.

CONSTRUCTION SAFETY AND LIABILITY
THE CONTRACTOR MUST TAKE PROPER SAFETY AND HEALTH PRECAUTIONS TO PROTECT THE WORK, THE WORKERS, THE PUBLIC, AND THE PROPERTY OF OTHERS. THE CONTRACTOR IS RESPONSIBLE ALSO FOR ALL MATERIALS DELIVERED AND WORK PERFORMED UNTIL COMPLETION AND ALL ACCEPTANCES HAVE BEEN OBTAINED. THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE STATE OF FLORIDA ROADWAY AND TRAFFIC DESIGN STANDARDS (1994). THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO PERSONS OR PROPERTY THAT OCCURS AS A RESULT OF HIS NEGLIGENCE. THE CONTRACTOR MUST SAVE HARMLESS AND INDEMNIFY THE OWNER AND THE ENGINEER OF RECORD, ITS OFFICERS, REPRESENTATIVES AND EMPLOYEES FROM ALL CLAIMS, LOSS, DAMAGE, ACTIONS, CAUSES OF ACTION, AND/OR EXPENSES RESULTING FROM, BROUGHT FOR, OR ON ACCOUNT OF ANY PERSONAL INJURY OR PROPERTY DAMAGE RECEIVED OR SUSTAINED BY ANY PERSONS OR PROPERTY GROWING OUT OF OCCURRING, OR ATTRIBUTABLE TO ANY WORK PERFORMED UNDER OR RELATED TO THIS CONTRACT, RESULTING IN WHOLE OR IN PART FROM THE NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR, ANY SUBCONTRACTOR, OR ANY EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE CONTRACTOR OR ANY SUBCONTRACTOR.

PRE-CONSTRUCTION
THE OWNER SHALL SECURE PRIOR TO CONSTRUCTION A PROFESSIONAL LAND SURVEYOR TO PERFORM AN "AS-BUILT" SURVEY OF ALL COMPLETED IMPROVEMENTS. THE OWNER SHALL ALSO SECURE PRIOR TO CONSTRUCTION A PROFESSIONAL ENGINEER TO PROVIDE THE APPROPRIATE SERVICES NEEDED IN ORDER TO CERTIFY TO ALL APPLICABLE REGULATORY AGENCIES THAT THE IMPROVEMENTS WERE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH ALL APPLICABLE PERMITS AND APPROVALS.
THE OWNER SHALL COORDINATE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, SURVEYOR, CONTRACTOR, TESTING LAB, UTILITY COMPANIES, AND APPROPRIATE REGULATORY AGENCIES. THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING SUBMISSION SCHEDULE FOR ALL PROPOSED MATERIALS AND COMPONENTS. THE CONTRACTOR SHALL NOT INITIATE CONSTRUCTION OF ANY PORTION OF THE IMPROVEMENTS UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED FOR THAT PORTION BY THE ENGINEER. THE SURVEYOR, CONTRACTOR, ENGINEER AND UTILITY COMPANY SHALL ALSO DISCUSS ALL DOCUMENTATION REQUIRED FOR CONTRIBUTED FACILITIES TRANSFER FROM THE OWNER/DEVELOPER TO THE UTILITY COMPANY UPON PROJECT COMPLETION. UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, THE FOLLOWING DOCUMENTS SHALL BE PROVIDED:
DOCUMENTS REQUIRED FOR CONTRIBUTED FACILITIES FROM DEVELOPER TO UTILITY COMPANY:
1. RECORD DRAWINGS (AS-BUILT): MUST BE SIGNED AND SEALED BY ENGINEER OF RECORD, SUBMIT A REPRODUCIBLE MYLAR AND TWO COPIES OF PRINTS.
2. DETAILED COST OF CONSTRUCTION: MUST INCLUDE INDIVIDUAL ITEMS OR APPURTENANCES, UNIT COST AND TOTAL COST OF EACH. DO NOT INCLUDE WATER SERVICE LINES OR SEWER LATERALS.
3. DESCRIPTION OF FACILITIES: A SHORT EXPLANATION DEPICTING WHAT HAS BEEN CONSTRUCTED.
4. D.E.P. APPLICATION(S).
5. INSPECTION REPORT(S).
6. ENGINEER'S CERTIFICATE OF SUBSTANTIAL COMPLETION TO D.E.P.
7. SYSTEM(S) ACCEPTANCE LETTER(S) FROM D.E.P.

PRIOR TO ANY INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR SHALL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED UTILITY. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VACINITY OF THEIR FACILITIES THAT HE INTENDS TO START WORK IN A SPECIFIC AREA. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER LINES, GAS LINES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE, RIGHT-OF-WAY, OR EASEMENT.

ENVIRONMENTAL PROTECTION DURING CONSTRUCTION
PROTECTION OF LAND RESOURCES – EXCEPT IN AREAS IDENTIFIED ON THE PLANS TO BE CLEARED, THE CONTRACTOR MUST NOT DEFACE, INJURE, OR DESTROY TREES OR SHRUBS OR REMOVE OR CUT THEM WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. IN THE ABSENCE OF A CLEARING PLAN, AREAS SHOWN FOR IMPROVEMENTS SHALL BE CLEARED UNLESS NOTED OTHERWISE.
PROTECTION OF WATER RESOURCES – IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, REGIONAL COUNTY AND MUNICIPAL LAWS CONCERNING POLLUTION OF WATER RESOURCES. ALL WORK MUST BE PERFORMED IN SUCH A MANNER THAT OBJECTIONABLE CONDITIONS WILL NOT BE CREATED IN PUBLIC WATERS RUNNING THROUGH, OR ADJACENT TO THE PROJECT AREA.
1. EROSION AND SEDIMENT CONTROL – ALL PRACTICABLE AND NECESSARY EFFORT SHOULD BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND THE TRANSPORT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER, OR ONTO OTHER PROPERTY BY ANY OR ALL OF THE FOLLOWING METHODS:
   A. STORMWATER FACILITIES ARE TO BE BUILT AS EARLY IN THE CONSTRUCTION PHASE AS POSSIBLE TO ENSURE THE TREATMENT OF STORMWATER RUNOFF. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES, HOWEVER, SUCH AS BERMS, SEDIMENT BASINS, GRASSING, SODDING, SAND BAGGING, BALED HAY OR STRAW, FLOATING SILT, BARRIERS, STACKED SILT BARRIERS, ETC., MUST BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT FACILITIES ARE COMPLETED AND OPERATIONAL.
   B. REVEGETATION AND STABILIZATION OF DISTURBED GROUND SURFACES SHOULD BE ACCOMPLISHED AS SOON AS POSSIBLE.
   C. FULL COMPACTION OF ANY FILL MATERIAL PLACED AROUND NEWLY INSTALLED STRUCTURES.
   D. PROHIBIT THE USE OF ANY CONSTRUCTION EQUIPMENT THAT LEAKS FUEL OIL, OR HYDRAULIC FLUID.
2. ALL DISTURBED AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, EXCEPT RETENTION AREAS, AND SHALL BE STABILIZED BY SODDING, EXCEPT WHERE SEEDING AND MULCHING ARE CALLED FOR ON THE PLANS. THE LATEST VERSION OF THE F.D.O.T. ROAD AND BRIDGE SPECIFICATIONS SHALL BE USED UNLESS MORE RESTRICTIVE LOCAL SPECIFICATIONS EXIST.

CONTRACTOR RESPONSIBLE FOR STABILIZING AND MAINTAINING SLOPES AND BAHIA SOD THROUGHOUT CONSTRUCTION UNTIL SUCH TIME AS APPROVED BY THE ENGINEER. SOD CONTAINING MESH REINFORCEMENT SHALL NOT BE USED.

PROTECTION OF FISH AND WILDLIFE
THE CONTRACTOR MUST AT ALL TIMES PERFORM ALL WORK IN A WAY AND TAKE SUCH STEPS AS REQUIRED TO PREVENT ANY INTERFERENCE WITH OR DISTURBANCE TO FISH AND WILDLIFE. THE CONTRACTOR SHALL NOT ALTER WATER FLOWS OR OTHERWISE DISTURB NATIVE HABITATS AND JURISDICTIONAL WETLANDS LOCATED WITHIN AND/OR ADJACENT TO THE PROJECT AREA.

RECORDING AND PRESERVING HISTORICAL AND ARCHEOLOGICAL FINDS ALL ITEMS HAVING ANY APPARENT HISTORICAL OR ARCHEOLOGICAL INTEREST THAT ARE DISCOVERED IN THE COURSE OF ANY CONSTRUCTION ACTIVITIES MUST BE CAREFULLY PRESERVED. THE CONTRACTOR MUST LEAVE THE ARCHEOLOGICAL FIND UNDISTURBED AND MUST IMMEDIATELY REPORT THE FIND TO THE OWNER SO THAT THE PROPER AUTHORITY MAY BE NOTIFIED.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).

3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.

4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.

EARTHWORK
I. GENERAL
1.01 SUBMITTALS
A. EROSION AND CONTROL MEASURES
B. COMPACTION TESTS
C. SOIL CLASSIFICATION TESTS
D. PRESERVATION PLANS
1-02 SITE EXAMINATION
A. CONTRACTORS, BEFORE SUBMITTING BIDS, SHALL INFORM THEMSELVES AS TO LOCATION AND NATURE OF THE WORK, CHARACTER OF EQUIPMENT AND FACILITIES NEEDED FOR PERFORMANCE OF THE WORK, GENERAL AND LOCAL CONDITIONS PREVAILING AT THE SITE, AND OTHER MATTERS WHICH MAY IN ANY WAY, AFFECT THE WORK UNDER CONTRACT.
B. EXAMINE SOURCES OF INFORMATION CONCERNING GROUND WATER LEVEL, WHETHER SURFACE OR SUBSURFACE. EACH BIDDER TO DRAW HIS OWN CONCLUSION CONCERNING GROUND WATER LEVELS AND HOW WATER AFFECTS HIS WORK.
1-03 SUBSURFACE INVESTIGATIONS
A. SUBSURFACE DATA, INCLUDING GROUND WATER ELEVATIONS OR CONDITIONS, IF SHOWN ON THE DRAWINGS OR ATTACHED TO THESE SPECIFICATIONS, ARE PRESENTED ONLY AS INFORMATION THAT IS AVAILABLE WHICH INDICATED CERTAIN CONDITIONS FOUND AND LIMITED TO THE EXACT LOCATIONS, SHALL NOT BE INTERPRETED AS AN INDICATION OF CONDITIONS THAT ACTUALLY BE DEVELOPED THROUGH THE PERIOD OF CONSTRUCTION. BIDDERS SHALL EXAMINE THE SITE OF THE WORK AND MAKE THEIR OWN DETERMINATION OF THE CHARACTER OF MATERIALS AND THE CONDITIONS TO BE ENCOUNTERED ON THE WORK, AND THEIR PROPOSAL SHALL BE BASED UPON THEIR OWN INVESTIGATIONS. THE OWNER AND ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR VARIATIONS FOUND TO EXIST BETWEEN THE ATTACHED DATA ABOVE REFERRED TO AND ACTUAL FIELD CONDITIONS THAT DEVELOP THROUGH THE PERIOD OF CONSTRUCTION.
B. WHERE EXISTING GRADES, UTILITY LINES AND SUBSTRUCTURES ARE SHOWN ON THE DRAWINGS, THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR CORRECTNESS OF EXISTING CONDITIONS INDICATED. THE CONTRACTOR SHALL ASCERTAIN EXACT LOCATIONS OF UTILITIES AND SUBSTRUCTURES THAT MAY BE AFFECTED BY THIS PROJECT, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY THAT MAY RESULT FROM WORKING ON OR NEAR THOSE UTILITIES, SUBSTRUCTURES WHICH ARE NOT TO BE REMOVED OR DEMOLISHED.
C. THE CONTRACTOR SHALL MAKE HIS OWN DEDUCTIONS OF THE SUBSURFACE CONDITIONS WHICH MAY AFFECT METHODS OR COST OF CONSTRUCTION AND HE AGREES THAT HE WILL MAKE NO CLAIM FOR DAMAGES OR OTHER COMPENSATION EXCEPT SUCH AS ARE PROVIDED FOR IN THE AGREEMENT, SHOULD HE FIND CONDITIONS DURING THE PROGRESS OF THE WORK DIFFERENT FROM THOSE AS CALCULATED OR ANTICIPATED BY HIM.
1-04 BENCH MARKS AND MONUMENTS
A. MAINTAIN CAREFULLY EXISTING BENCH MARKS, MONUMENTS, AND OTHER REFERENCE POINTS IF DISTURBED OR DESTROYED, REPLACE AS DIRECTED.
1-05 JOB CONDITIONS
A. CONDITION OF PREMISES: ACCEPT SITE AS FOUND AND EXCAVATE, FILL, COMPACT, AND BACKFILL SITE AS HEREINAFTER SPECIFIED.
B. PROTECTION
   1. EXISTING STRUCTURES AND PROPERTY: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES AND FACILITIES; PROVIDE AND PLACE BRACING OR SHORING AS NECESSARY OR PROPER IN CONNECTION THEREWITH; BE RESPONSIBLE FOR SAFETY AND SUPPORT OF SUCH STRUCTURES; BE LIABLE FOR ANY SETTLEMENT, DEFICIENCY, OR DAMAGE OR INJURY CAUSED THEREBY OR RESULTING THEREFROM. IF AT ANY TIME SAFETY OR ANY ADJACENT STRUCTURES APPEARS TO BE ENDANGERED, CEASE OPERATION, TAKE PRECAUTIONS TO SUPPORT SUCH STRUCTURES AND NOTIFY THE OWNER. RESUME OPERATIONS ONLY AFTER PERMISSION HAS BEEN CHANGED BY THE OWNER.
   2. SIDEWALKS AND STREETS: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY SIDEWALKS, CURBS OR STREETS PASSAGES ON ADJOINING SITE; BE LIABLE FOR ANY SUCH MOVEMENT, SETTLEMENT OR COLLAPSE; REPAIR PROMPTLY SUCH DAMAGE WHEN SO ORDERED; INSTALL SUCH SHORING, INCLUDING SHEET PILING, AS MAY BE REQUIRED DURING EXCAVATION, TO PROTECT BANKS, ADJACENT PAVING, STRUCTURES AND UTILITIES.
   3. RESPONSIBILITY: BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING STRUCTURES OR TO EQUIPMENT AND FURNISHINGS HOUSED THEREIN WHICH ARE DUE DIRECTLY OR INDIRECTLY TO CONSTRUCTION OPERATIONS, EXCEPT WHERE REMOVAL IS NECESSITATED BY SITE GRADING OR LOCATION OF NEW BUILDING. USE EVERY POSSIBLE PRECAUTION TO PREVENT INJURIES TO LANDSCAPING, DRIVES, CURBS AND WALKS ON OR ADJACENT TO SITE OF THE WORK AND REPLACE, AT NO EXPENSE TO OWNER, ANY OF SUCH DESTROYED.

II. EXECUTION
2-01 GENERAL
A. WORK SHALL BE COMPETED IN A MANNER THAT PROVIDES FOR THE SAFETY OF THE PUBLIC AND WORKMEN AND PROVIDE FOR THE PROTECTION OF ALL PROPERTY.
B. CONSTRUCTION: DO NOT CLOSE, OBSTRUCT OR STORE MATERIAL OR EQUIPMENT IN STREETS, SIDEWALKS, ALLEYS OR PASSAGEWAYS WITHOUT A PERMIT IN ACCORDANCE WITH LOCAL ORDINANCES, REGULATIONS AND CODES.
C. INTERFERENCE: CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE WITH ROADS, STREETS, DRIVEWAYS, ALLEYS, SIDEWALKS AND OTHER FACILITIES.
D. PNEUMATIC TOOLS: WORK WITH PNEUMATIC OR VIBRATORY TOOLS WILL BE PERMITTED ONLY IN A MANNER WHICH CAUSES NO RELATED DAMAGES.
E. REMOVAL: UNLESS OTHERWISE NOTED OR SPECIFIED TO BE RELOCATED OR STORED, ALL MATERIALS REMOVED BECOME THE PROPERTY OF THE CONTRACTOR AND ARE TO BE REMOVED COMPLETELY AWAY FROM THE SITE BY HIM. DO NOT STORE OR PERMIT DEBRIS TO ACCUMULATE ON THE SITE.
F. TEMPORARY STRUCTURES: REMOVE ALL TEMPORARY STRUCTURES WHEN THEY ARE NO LONGER REQUIRED.
G. REPAIR: CLEAN UP, REPAIR OR REPLACE AT NO COST TO OWNER ALL PROPERTY DAMAGED BY EXCAVATION WORK. ALL REPAIR SHALL MATCH EXISTING WORK AND BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER BY CRAFTSMEN SKILLED IN THE TRADE INVOLVED. IN NEWLY GRADED AREAS TAKE EVERY PRECAUTION AND TEMPORARY MEASURE NECESSARY, TO PREVENT DAMAGE FROM EROSION OF FRESHLY GRADED AREA, WHERE ANY SETTLEMENT OR WASHING MAY OCCUR PRIOR TO ACCEPTANCE OF THE WORK, REPAIR AND RE-ESTABLISH GRADES TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO THE OWNER. THIS APPLIES TO DAMAGE TO THE NEWLY GRADED AREAS WITHIN THE CONSTRUCTION LIMITS AND DAMAGE TO ADJACENT PROPERTIES BY ERODED MATERIAL.
2-02 LOCATIONS AND ELEVATIONS
A. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEYS, MEASUREMENTS AND LAYOUTS REQUIRED FOR PROPER EXECUTION OF THE WORK. LAY OUT LINES AND GRADES FROM EXISTING SURVEY CONTROL SYSTEM AND AS SHOWN ON DRAWINGS.
2-03 CLEARING AND GRUBBING
A. WITHIN LIMITS OF AREAS DESIGNATED FOR GRADING AND SITE CONSTRUCTION WORK, REMOVE TREES, BRUSH, STUMPS, WOOD, DEBRIS AND OTHER DELETERIOUS MATERIALS NOT REQUIRED TO REMAIN AS PART OF FINISHED WORK.
B. REMOVE ALL GRASS, PLANTS, VEGETATION AND ORGANIC MATERIAL FROM SAME AREA.
2-04 STRIPPING
A. STRIP ALL TOPSOIL ORGANIC MATERIAL SURFACE LITTER, RUBBLE, AND OVERBURDEN FOR ENTIRE DEPTH OF ROOT SYSTEM OF GRASS OR OTHER VEGETATION OVER THE LIMITS OF CONSTRUCTION.
B. STOCKPILE TOPSOIL ON SITE WHERE DIRECTED.
2-05 EXCAVATION
A. BEGIN EXCAVATION AFTER STRIPPING, CLEARING AND GRUBBING WHERE APPLICABLE, HAS BEEN COMPLETED.
B. EXCAVATE TO GRADES REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. DEWATER AS NEEDED.
C. REMOVE "UNSATISFACTORY MATERIALS" ENCOUNTERED FROM THE BUILDING AREAS, AND OTHER NON-LANDSCAPED AREAS.
D. EXCAVATE IN SUCH A MANNER THAT QUICK AND EFFICIENT DRAINAGE OF STORMWATER WILL BE AFFECTED.
E. CLASSIFY EXCAVATED MATERIALS AND STOCKPILE SEPARATELY SUITABLE SOILS FOR USE AS BACKFILL MATERIALS. IF SUFFICIENT QUANTITIES OF EXCAVATED MATERIALS MEETING REQUIREMENTS FOR BACKFILL ARE NOT AVAILABLE ON SITE, PROVIDE MATERIALS MEETING THESE REQUIREMENTS.
F. STOCKPILE EXCAVATED MATERIAL SUITABLE FOR USE AS FILL AND BACKFILL.
2-06 FILLING, BACKFILLING AND COMPACTING.
A. THE WORK CONSISTS OF COMPACTION OF EXISTING EARTH (EXCLUDE ROCK), SURFACES AFTER EXCAVATION, FILLING AND COMPACTION OF SAID AREA TO LEVELS REQUIRED WITH SUITABLE BACKFILL MATERIAL.
B. MATERIALS: "SATISFACTORY FILL MATERIALS" AASHTO CLASSIFICATION A-3 OR BETTER SHALL BE USED IN FILLS AND BACKFILLS.
C. FILLING AND BACKFILLING: PLACE "SATISFACTORY FILL MATERIAL" IN HORIZONTAL LAYERS NOT EXCEEDING 6 INCHES IN LOOSE DEPTH. COMPACT AS SPECIFIED HEREIN.
D. WATERING: SHALL BE PLACED ON SURFACES THAT ARE MUDDY OR SATURATED.
D. COMPACTION: COMPACTION SHALL BE WITH EQUIPMENT SUITED TO SOIL BEING COMPACTED. MOISTEN OR AERATE MATERIAL AS NECESSARY TO PROVIDE MOISTURE REQUIRED TO ACHIEVE SPECIFIED COMPACTION WITH EQUIPMENT USED. COMPACT EACH LAYER TO NOT LESS THAN PERCENTAGE OF MAXIMUM DENSITY SPECIFIED BELOW DETERMINED IN ACCORDANCE WITH AASHTO T-180. INSURE THAT THE COMPACTION OF PREVIOUSLY PREPARED FILL AREAS HAS BEEN MAINTAINED PRIOR TO PLACING NEW LAYERS.
E. RECONDITIONING OF SUBGRADE: WHERE APPROVED COMPACTED SUBGRADES ARE DISTURBED BY THE CONTRACTOR'S SUBSEQUENT OPERATIONS OR ADVERSE WEATHER, SUBGRADE SHALL BE SCARIFIED AND COMPACTED AS SPECIFIED HEREIN BEFORE TO REQUIRED DENSITY PRIOR TO FURTHER CONSTRUCTION THEREON. RE-COMPACTION OVER UNDERGROUND UTILITIES SHALL BE BY POWER-DRIVEN HAND TAMPERS.
F. COMPACTION REQUIREMENTS
   1. FILL UNDER LAWNS AND PLANTED: 95%
2-07 TESTING
A. THE CONTRACTOR WILL PROVIDE THE SERVICES OF A TESTING LABORATORY TO PERFORM SPECIFIED TESTS, INSPECTIONS, INSTRUMENTATION AND INSPECTION OF THE WORK.
B. TESTS OF MATERIALS SHALL BE AS FOLLOWS:
   1. SOIL CLASSIFICATION: ONE TEST FROM EACH TYPE OF MATERIAL ENCOUNTERED AND OR PROPOSED TO BE USED.
   2. LABORATORY TESTS FOR MOISTURE-CONTEST AND DENSITY ACCORDING TO AASHTO T-180: ONE TEST FOR EACH MATERIAL ENCOUNTERED AND/OR PROPOSED TO BE USED.
   3. FIELD TESTS FOR MOISTURE CONTEST AND DENSITY: ONE TEST PER LAYER OF FILL PER 5,000 SQUARE FEET OF AREA.

DEWATERING
1.01 GENERAL
A. DEWATERING CONSISTS OF PERFORMING ALL WORK NECESSARY TO REMOVE SURFACE WATER AND/OR CONTROL THE GROUND WATER LEVELS AND HYDROSTATIC PRESSURES IN ORDER TO PERMIT ALL EXCAVATION AND CONSTRUCTION UNDER THIS CONTRACT TO BE PERFORMED IN THE DRY.
B. WORK OF THIS SECTION INCLUDES INSTALLATION, OPERATIONS, MAINTENANCE, SUPERVISION, SUPPLY, DISMANTLING, AND REMOVAL FROM THE SITE OF THE DEWATERING EQUIPMENT.
C. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE POTENTIAL FOR EXCESSIVE RAINFALL, THE GROUND CONDITIONS, AND THE GROUND WATER CONDITIONS, GROUND WATER ELEVATION CAN FLUCTUATE. IT IS ANTICIPATED THAT ANY EXCAVATIONS MAY ENCOUNTER THE GROUND WATER TABLE.
D. DRAINAGE OF THE SITE: AT ALL TIMES THE CONTRACTOR SHALL MAINTAIN AND OPERATE ADEQUATE SURFACE AND SUBSURFACE DRAINAGE METHODS IN ORDER TO KEEP THE CONSTRUCTION SITE DRY AND IN SUCH CONDITION THAT PLACEMENT AND COMPACTION OF FILL MAY PROCEED UNHINDERED BY SATURATION OF THE AREA DURING CONSTRUCTION, THE SURFACE OF THE BACKFILL AREA SHALL BE LEFT IN SUCH CONDITION THAT PRECIPITATION AND/OR SURFACE WATER WILL RUN OFF WITHOUT PONDING.
1-02 METHOD
A. THE CONTROL OF ALL SURFACE AND SUBSURFACE WATER IS PART OF THE DEWATERING REQUIREMENTS, MAINTAIN ADEQUATE CONTROL SO THAT THE STABILITY OF EXCAVATED AND CONSTRUCTION SLOPES IS NOT ADVERSELY AFFECTED BY WATER, THAT EROSION IS CONTROLLED, AND THE FLOODING OF EXCAVATIONS OR DAMAGE TO STRUCTURES DOES NOT OCCUR, DRAIN SURFACE WATER AWAY FROM THE EXCAVATION.
B. DISPOSE OF ALL WATER REMOVED FROM THE EXCAVATION IN A MANNER THAT WILL NOT ENDANGER PUBLIC HEALTH, PROPERTY, OR PORTIONS OF THE WORK UNDER CONSTRUCTION OR COMPLETED. DISPOSE OF WATER IN A MANNER THAT WILL CAUSE NO INCONVENIENCE WHATSOEVER TO THE OWNER OR TO OTHERS ENGAGED IN WORK AT THE SITE.
C. DISPOSE OF WATER RESULTING FROM DEWATERING OPERATIONS IN ACCORDANCE WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.
D. CONDUCT OPERATIONS SO THAT STORMWATER RUNOFF AND SEDIMENT IS NOT DISCHARGED TO THE ADJACENT WATER BODIES, SEWERS, STREETS AND ADJACENT PROPERTIES.
E. DEWATERING SYSTEM SHALL BE SO DESIGNED AS TO PREVENT REMOVAL OF SOIL FINES FROM THE SITE DURING THE DEWATERING OPERATION.

PORTLAND CEMENT CONCRETE PAVING
1-01 QUALITY ASSURANCE
A. COMPLY WITH ACI STANDARDS RECOMMENDED PRACTICES FOR CONSTRUCTION OF CONCRETE PAVEMENTS AND CONCRETE BASES (ACI316, LATEST EDITION)
1-02 REFERENCE STANDARDS
A. BELOW ARE REFERENCE STANDARDS FOR TESTING.
   1. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
   2. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) STANDARD.
   3. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) CURRENT EDITION AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION – SECTION 350 – "CEMENT CONCRETE PAVEMENT".
   4. T-180 MOISTURE-DENSITY RELATIONS OF SOILS.
1-03 SUBMITTALS
A. THE CONTRACTOR SHALL SUBMIT TWO COPIES OF TEST REPORTS PREPARED BY AN INDEPENDENT TESTING LABORATORY AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED TO PRACTICE IN THE STATE OF FLORIDA. THESE REPORTS SHALL INDICATE ALL TESTS PERFORMED AND SHALL INCLUDE A CERTIFICATION STATEMENT OF COMPLIANCE WITH THE PROJECT SPECIFICATIONS. TESTS SHALL BE PERFORMED AS SPECIFIED UNDER THIS SECTION.
   1. SUBMIT FOR REVIEW THE FOLLOWING;
      A. CONCRETE DESIGN MIX AND PROVING FLEXURAL STRENGTH (MODULUS OF RUPTURE) TESTS
      B. EXPANSION JOINT FILLER DATE
      C. JOINT SEALER DATE
      D. PROPOSED PAVING CONSTRUCTION PLAN WHICH SHALL SHOW THE CONCRETE PAVING JOINT TYPES AND LOCATIONS AND SHALL INCLUDE A STATEMENT OF PROPOSED SEQUENCE AND SCHEDULE OF PAVING OPERATIONS
      E. RESULTS OF CONCRETE TESTS
      F. RESULTS OF FIELD TESTS OF LBR AND COMPACTION OF STABILIZED SUBGRADE.
1-04 MATERIALS
A. STABILIZED SUBGRADE: PROVIDE 12 INCH STABILIZED SUBGRADE (LBR 40 MIN) COMPACTED TO A MINIMUM DENSITY OF 98% AS DETERMINED BY AASHTO T-180
B. CONCRETE: CONCRETE PAVEMENT SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. A SLUMP RANGE BETWEEN 2 TO 4 INCHES AND A 28 DAY MODULES OR RUPTURE OF 650 PSI AS DETERMINED BY THE REQUIREMENTS OF PARAGRAPH TESTING SPECIFIED HEREINAFTER
C. JOINT SEALER: JOINT SEALING SHALL CONFORM TO FEDERAL SPECIFICATIONS SS-S401 OR SS-S-2009 (COLD APPLIED)
D. PREMOLDED EXPANSION JOINT FILLER: PREMOLDED EXPANSION JOINT FILLER SHALL CONFORM TO ASTM D1751-73
1-05 EXECUTION
A. COMPLY WITH AC STANDARD 316-74 AND SECTION 350, FDOT STANDARDS AND SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED HEREIN.
B. FINAL GRADING: ALL CONCRETE PAVEMENT SHALL HAVE A MAXIMUM DEVIATION OF 1/8 INCH (PLUS/MINUS) FROM THE SPECIFIED SURFACE PLANE AND PLAN GRADES.
C. THE SURFACE FINISH SHALL BE APPROVED BY THE OWNER OR HIS REPRESENTATIVE, IN GENERAL THE TEXTURE IS OF A MEDIUM BROOM FINISH AFTER FLOATING.
D. JOINTS
   1. CONTRACTION JOINTS INDICATED ON DRAWINGS, OR AS REQUIRED, SHALL BE PLACED PERPENDICULAR TO THE FINISH GRADE OF THE CONCRETE. JOINTS SHALL BE CUT TO A DEPTH OF 1/4 OF THE SLAB THICKNESS BY CUTTING WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS OR BY SAWING WITH A BLADE PRODUCING A CUT NOT LESS THAN 1/8 INCH IN WIDTH. SAW JOINTS WITHIN 4 TO 6 HOURS OF CONCRETE PLACEMENT.
   2. EXPANSION JOINTS SHALL BE PLACED WHERE INDICATED ON DRAWINGS, OR AS REQUIRED, USING 1/2 INCH THICK PREFORMED EXPANSION JOINT MATERIAL ANCHOR WITH APPROVED DEVICES TO PREVENT DISPLACEMENT DURING PLACEMENT AND FINISHING. EDGES SHALL BE ROUNDED WITH AN EDGING TOOL. JOINTS SHALL BE FULL DEPTH OF CONCRETE EXCEPT THAT TOP EDGES SHALL BE 1/2 INCH BELOW THE FINISH CONCRETE SURFACE. EXPANSION JOINTS SHALL BE SEALED TO THE SURFACE BY FILLING WITH JOINT SEALING COMPOUND. JOINTS SHALL BE CLEAN AND DRY BEFORE SEALING COMPOUND IS PUT IN PLACE.
   3. CONSTRUCTION JOINTS ARE TO BE USED AT CONTRACTION JOINT LOCATIONS TO STOP CONCRETE POURS.
E. CURING: CONCRETE SHALL BE CURED BY PROTECTING IT AGAINST LOSS OF MOISTURE AND MECHANICAL INJURY FOR AT LEAST THREE DAYS AFTER PLACEMENT. A PIGMENTED LIQUID CURING MEMBRANE SHALL BE APPLIED IMMEDIATELY AFTER FINISHING; OPERATION AT THE RATE OF ONE GALLON TO NOT MORE THAN 200 SQUARE FEET.
F. CLEANING AND SEALING JOINTS: JOINTS SHALL BE FILLED WITH JOINT-S

GENERAL REQUIREMENTS

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS AND SHALL NOTIFY ENGINEER OR RECORD IMMEDIATELY OF ANY ERRORS, OMISSIONS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
2. ALL MATERIALS, EQUIPMENT, CONNECTORS, AND WORK SHALL MEET OR EXCEED THE DESIGN DATA AND COMPLIANCE CODE CITED.
3. ENGINEER IS NOT RESPONSIBLE FOR ANY SUPERVISION DURING CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND DETERMINE THE LOCATION OF ALL ADJACENT UNDERGROUND UTILITIES PRIOR TO COMMENCING EXCAVATION AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR MAINTAINS THE RESPONSIBILITY FOR ALL CONSTRUCTION MEANS, METHODS AND TECHNIQUES REQUIRED FOR THE CONNECTIONS OF ALL ROOF, WALL AND FLOOR SYSTEMS. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER.
6. THE STRUCTURAL INTEGRITY OF THE STRUCTURES SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL MEMBERS ARE NOT SELF SUPPORTING DURING CONSTRUCTION AND REQUIRE TEMPORARY BRACING UNTIL PERMANENTLY APPLIED TO STRUCTURE AS DIRECTED. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION UNLESS THE CONSTRUCTION METHOD AND BRACING ARE INCLUDED IN THE PLANS AND SPECIFICATIONS, OR ARE SUPERVISED BY THE STRUCTURAL ENGINEER DURING CONSTRUCTION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK. THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISION / AUTHORITY OR ACTUAL AND / OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND / OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES OF THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.
8. IN ADDITION TO THE DEMOLITION WORK INDICATED ON THE DRAWINGS, MINOR LOCAL DEMOLITION OF EXISTING ELEMENTS MAY BE REQUIRED TO PERFORM THE STRUCTURAL WORK AS INDICATED ON THE PLANS, SECTIONS, AND DETAILS.
9. DISCHARGE ALL DRAIN LINES, CONDENSATE LINES, DOWN SPOUT, ETC. AT LEAST 1' FROM BUILDINGS.
10. ANY CHANGES OR SUBSTITUTIONS SHALL BE APPROVED BY THE ENGINEER.
11. DISSIMILAR METALS SHALL BE ISOLATED TO PREVENT GALVANIC ACTION.
12. FIELD VERIFY ALL EXISTING ABOVE AND BELOW GROUND CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.
13. THE STRUCTURAL DESIGN OF BUILDING IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS, WITH NO PROVISION FOR CONDITION OCCURRING DURING CONSTRUCTION. THEREFORE, CONTRACTOR SHALL PROVIDE ADEQUATE BRACING DURING CONSTRUCTION.
14. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
15. CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL NECESSARY PERMITS FROM GOVERNING AUTHORITY, INCLUDING STRUCTURAL, ELECTRICAL, PLUMBING, AND ALL OTHERS REQUIRED TO COMPLETE THE JOB.

STRUCTURAL LOADS

1. GOVERNING BUILDING CODE: 2020 FLORIDA BUILDING CODE
2. OCCUPANCY: S-1
3. DESIGN LOADS:

MAINTENANCE GARAGE:

STRUCTURAL LOADS (LIVE LOADS PER FBC TABLE 1607.1)

ROOF LIVE LOAD	PSF PER PRE-ENG BUILDING SUBMITTAL
ROOF DEAD LOAD	PSF PER PRE-ENG BUILDING SUBMITTAL
FLOOR LIVE LOAD	125 PSF
FLOOR DEAD LOAD	75 PSF
MEZZANINE LIVE LOAD	125 PSF
MEZZANINE DEAD LOAD	20 PSF

WIND LOADS (PER ASCE 7-16)

BUILDING RISK CATEGORY (TABLE 1.5-1)	CATEGORY 2
BASIC WIND SPEED (FIG. 26.5-1A)	
ULTIMATE (V_{ULT}) (THREE SECOND GUST)	170 MPH
NOMINAL (V_{ASD})	132 MPH
IMPORTANCE FACTOR (TABLE 1.5-2)	1.00
EXPOSURE CATEGORY (26.7.3)	EXPOSURE D
INTERNAL PRESSURE COEFFICIENT (TABLE 26.13-1)	0.18 (ENCLOSED)
COMPONENTS & CLADDING WIND PRESSURES	PER PLAN

COVERED STORAGE

STRUCTURAL LOADS (LIVE LOADS PER FBC TABLE 1607.1)

ROOF LIVE LOAD	20 PSF
ROOF DEAD LOAD	5 PSF
FLOOR LIVE LOAD	125 PSF
FLOOR DEAD LOAD	N/A

WIND LOADS (PER ASCE 7-16)

BUILDING RISK CATEGORY (TABLE 1.5-1)	Category 1
BASIC WIND SPEED (FIG. 26.5-1A)	
Ultimate (V_{ult}) (THREE SECOND GUST)	155 MPH
Nominal (V_{asd})	121 MPH
IMPORTANCE FACTOR (TABLE 1.5-2)	1.00
EXPOSURE CATEGORY (26.7.3)	EXPOSURE D
INTERNAL PRESSURE COEFFICIENT (TABLE 26.13-1)	(OPEN)
COMPONENTS & CLADDING WIND PRESSURES	PER PLAN

GEOTECHNICAL DESIGN DATA (PER FBC 1806)
DATA SOURCE: PENDING GEOTECHNICAL REPORT

RAIN DESIGN DATA (PER FBC 1611)

DESIGN RAIN EVENT	100-YEAR, 1-HR
DESIGN RAINFALL (FIG. 1611.)	4.5-IN

FLOOD DESIGN DATA (PER FBC 1612)

FEMA FIRM MAP	12071C0615H
FEMA FIRM MAP PANEL	615 OF 1225
BASE FLOOD ELEVATION	AE-7

STAIR DESIGN LOADS

LIVE LOAD:	60 PSF
CONCENTRATED LIVE LOAD:	300 LB

HANDRAIL AND GUARDRAIL DESIGN LOADS

CONCENTRATED LOAD:	200 LB
UNIFORM LINEAR LOAD:	50 PLF

SHOP DRAWINGS

1. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW. NO MODIFICATIONS OR SUBSTITUTION OF DRAWINGS AND SPECIFICATIONS WILL BE ACCEPTED VIA SHOP DRAWINGS REVIEW. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW:
   1.1. SUBMIT CONCRETE TEST RESULTS FOR CYLINDER STRENGTH TESTS AND SLUMP TESTS
   1.2. SUBMIT CONCRETE MIX DESIGN PER SPECIFICATIONS IN "CAST IN PLACE CONCRETE" ITEM 2.6.1
   1.3. SUBMIT REBAR SHOP DRAWINGS PER SPECIFICATIONS IN "CAST IN PLACE CONCRETE" ITEM 3.6.2
   1.4. SUBMIT DENSITY TEST RESULTS PER SPECIFICATIONS IN "FOUNDATION SOIL & TREATMENT" ITEM 2.1
   1.5. SUBMIT DETAILED PLANS FOR ALL PRE-ENG. METAL BUILDING OR STRUCTURES BEARING THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER AS THE SPECIALTY ENGINEER
   1.6. SUBMIT DETAILED PLANS FOR DRY PANELING WALL PANELS BEARING THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER AS THE SPECIALTY ENGINEER AND INSTALLATION SPECIFICATIONS.
   1.7. ANY PROPOSED ALTERNATIVES TO PRODUCTS SPECIFIED IN PLANS
2. CONTRACTOR SHALL REVIEW AND STAMP SHOP DRAWINGS PRIOR TO SUBMISSION TO THE STRUCTURAL ENGINEER. CONTRACTOR SHALL REVIEW FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS.
3. SUBMIT SHOP DRAWINGS TO THE STRUCTURAL ENGINEER AS INDICATED OR SPECIFIED FOR REVIEW PRIOR TO FABRICATION. REVIEW WILL BE FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT CONVEYED IN CONTRACT DOCUMENTS.
4. WHEN ENGINEER IS REQUIRED TO SIGN AND STAMP SHOP DRAWINGS AND CALCULATIONS, ENSURE SEAL INDICATES ENGINEER AS REGISTERED IN THE STATE WHERE PROJECT SITE OCCURS.
5. SHOP DRAWINGS ARE NOT PART OF CONTRACT DOCUMENTS. THEREFORE, STRUCTURAL ENGINEER'S REVIEW DOES NOT CONSTITUTE ON AUTHORIZATION TO DEVIATE FROM THE TERMS AND CONDITIONS OF THE CONTRACT.
6. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF COORDINATION WITH OTHER PORTIONS OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS (IF REQUIRED), OR WHERE MODIFICATIONS OR SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR REVIEW PER PARAGRAPH ABOVE 6. - SUBMIT SHOP DRAWINGS AND CALCULATIONS TO GOVERNING CODE AUTHORITY WHEN SPECIFICALLY INDICATED OR REQUESTED.
7. MAINTAIN A COPY OF ALL SHOP DRAWINGS ACCEPTED BY THE STRUCTURAL ENGINEER AT SITE DURING CONSTRUCTION PERIOD.
8. STRUCTURAL ENGINEER REQUIRES 10 WORKING DAYS AFTER RECEIPT OF SHOP DRAWINGS AND CALCULATIONS FOR PROCESSING.

FOUNDATION SOIL & TREATMENT

1. FOUNDATION AND SLAB NOTES: SUB-GRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS, SHALL CONFORM STRICTLY WITH RECOMMENDATIONS GIVEN IN THE SOILS REPORT OR AS DIRECTED BY THE PROJECT REPRESENTATIVE.
2. ALL FILL SHALL BE CLEAN SELECT MATERIAL FREE OF DELETERIOUS MATERIALS SUCH AS WOOD, ROOTS, TRASH, OR OTHER EXTRANEOUS MATERIALS. PLACE FILL IN 8" LIFTS, MEASURED LOOSE, AND COMPACT EACH LIFT TO 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS MEASURED BY ASTM D1698.
   2.1. 98% COMPACTION SHALL BE ACHIEVED AT ALL LOCATIONS WHERE NEW CONCRETE IS TO BE POURED, INCLUDING ALL SLABS AND FOUNDATIONS. NUMBER AND LOCATION OF TESTS SHALL BE DIRECTED BY THE ENGINEER OF RECORD.
3. FOUNDATION CONCRETE SHALL BE PLACED BEFORE DETERIORATION OF THE SUBGRADE DUE TO WEATHER, GROUND WATER SEEPAGE, FOOT TRAFFIC, OR CONSTRUCTION OPERATIONS. ANY PORTIONS OF THE SUBGRADE PERMITTED TO DETERIORATE SHALL BE REMOVED AND REPLACED WITH AN APPROVED COMPACTED BACKFILL OR LEAN CONCRETE (FLOWABLE FILL) WITHOUT ADDITIONAL COMPENSATION TO THE CONTRACTOR.

CAST IN PLACE CONCRETE

1. CONCRETE TO BE NORMAL WEIGHT WITH THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:
   FOUNDATIONS, MISC. CONCRETE ____ 5,000 PSI
2. CONCRETE SHALL BE READYMIX PER ASTM C94:
   PORTLAND CEMENT - ASTM C150
   AGGREGATES - ASTM C33 (3/4" MAX.)
   NO CALCIUM CHLORIDE
   AIR ENTRAINING - ASTM C260
   WATER REDUCING - ASTM C494
   FLYASH - ASTM C618 CLASS F (10% MAXIMUM BY WEIGHT)
   WATER - CLEAN AND POTABLE
3. REINFORCING STEEL:
   FOUNDATION SLABS, FOOTINGS, CMU WALLS & TIE-BEAMS, ____ ASTM A615, CHROMIX COATED GRADE 60, f_y = 60,000 psi
4. REQUIRED SLUMP RANGE: + 3" TO 5".
5. WELDED WIRE FABRIC: ASTM A-185. FURNISH SHEETS, NOT ROLLS.
6. MOISTURE BARRIER: 6 MIL POLYETHYLENE. LAP 6" AND TAPE ALL JOINTS.
7. CODES AND STANDARDS: (CURRENT EDITIONS)
   ACI 301 "SPEC FOR STRUCTURAL CONCRETE FOR BUILDINGS."
   ACI 305 "RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING."
   ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
   ACI 315 (SP66-04) "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."
8. MINIMUM LAP SPLICES = CLASS "B"
9. PROVIDE PROPERLY TIED SPACERS, CHAIRS, BOLSTERS, ETC., AS REQUIRED AND NECESSARY TO ASSEMBLE, PLACE AND SUPPORT ALL REINFORCING IN PLACE. USE WIRE BAR TYPE SUPPORTS COMPLYING WITH CRSI RECOMMENDATIONS. USE PLASTIC TIP LEGS ON ALL EXPOSED SURFACES.
10. ALL BEAMS AND SLABS SHALL BE POURED MONOLITHICALLY, EXCEPT FOR REQUIRED CONSTRUCTION JOINTS. PROPOSED CONSTRUCTION JOINT LOCATION SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL.
11. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, AND SLAB RECESSES AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENING, OR INSERT MAY BE PLACED IN BEAMS, JOISTS, OR COLUMNS UNLESS APPROVED BY THE ENGINEER.
12. CONTRACTOR SHALL VERIFY EMBEDDED ITEMS, INCLUDING BUT NOT LIMITED TO ANCHOR BOLTS, BOLT CLUSTERS, WELD PLATES, ETC., BEFORE PLACING CONCRETE. NOTIFY ENGINEER OF ANY CONFLICTS WITH REBAR.
13. SEE PROJECT PLANS AND SPECIFICATIONS FOR REQUIRED CONCRETE FINISHES. ALL FINISHES TO BE APPROVED BY OWNER PRIOR TO FINISHING.
14. ALL CONCRETE SHALL BE CURED IMMEDIATELY AFTER FINISHING OPERATIONS IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS:
    - APPLY A LIQUID MEMBRANE FORMING CHEMICAL CURING COMPOUND IN ACCORDANCE WITH ASTM C309.
    - PROVIDE CONTINUOUS MOISTURE TO CONCRETE IN ACCORDANCE WITH ACI 301.
15. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN AND CONSTRUCTION OF ALL FORM WORK, SHORING, AND RESHORING. DESIGN SHALL BE PERFORMED BY A LICENSED FLORIDA ENGINEER.
16. A QUALIFIED TESTING LABORATORY SHALL BE RETAINED TO PERFORM THE FOLLOWING CONCRETE TESTS ON SITE:
    - CYLINDER STRENGTH TESTS - ASTM C39: ONE SET OF FOUR CYLINDERS FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF. TEST ONE CYLINDER AT 7 DAYS AND TWO AT 28 DAYS. HOLD THE FINAL CYLINDER IN RESERVE.
    - SLUMP TESTS - ASTM C143.
17. ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO THE CITY, ENGINEER OF RECORD, AND GENERAL CONTRACTOR.
18. RESTRICT THE ADDITION OF MIX WATER AT THE JOB SITE. DO NOT ADD WATER WITHOUT THE APPROVAL OF THE GENERAL CONTRACTOR AND DO NOT EXCEED SLUMP LIMITATIONS OR TOTAL ALLOWABLE WATER TO CEMENT RATIO. USE COLD WATER FROM THE TRUCK TANK AND RE-MIX TO ACHIEVE CONSISTENCY. TEST REPORTS SHALL INDICATE QUANTITY OF WATER ADDED AT THE JOB SITE. ALL TESTS SHALL BE PREPARED AFTER THE ADDITION OF WATER TO THE MIX.
19. CONCRETE SHALL BE PLACED WITHIN 90 MINUTES OF BATCH TIME.
20. WHERE BAR LENGTHS ARE GIVEN ON DRAWINGS, LENGTH OF HOOK, IF REQUIRED IS NOT INCLUDED.
21. PROVIDE COMMERCIAL FORM COATING COMPOUNDS THAT WILL NOT BOND, STAIN, OR ADVERSELY AFFECT CONCRETE SURFACES. WET FORMS BEFORE PLACING CONCRETE.
22. ALL CONCRETE SHALL BE CONSOLIDATED IN PLACE USING INTERNAL VIBRATORS.
23. REPAIR AND PATCH DEFECTIVE AREAS WITH CEMENT MORTAR IMMEDIATELY AFTER REMOVAL OF FORMS, EXCEPT WHERE REINFORCING IS VISIBLE. CONTACT STRUCTURAL ENGINEER FOR EVALUATION OF EXPOSED REINFORCING.
24. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED CORNERS OF COLUMNS, BEAMS, AND WALLS UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS.
25. PROVIDE CORNER BARS AT ALL BEAM AND WALL FOOTING CORNERS TO MATCH HORIZONTAL BARS.
26. CONTRACTOR SHALL PROVIDE THE FOLLOWING SUBMITTALS:
    26.1. SUBMIT TEST RESULTS FOR CYLINDER STRENGTH TEST RESULTS AND SLUMP TESTS
    26.1. SUBMIT PROPOSED CONCRETE MIX DESIGN PRIOR TO CONSTRUCTION, INCLUDING BACK UP DATA IN ACCORDANCE WITH ACI 301 CHAPTER 4, SECTION 4.2.3, EXCLUDING SECTION 4.2.3.4.B.
    26.2. SUBMIT DETAILED SHOP DRAWINGS OF REINFORCING BARS SHOWING NUMBER, SIZES, AND LOCATION. INCLUDE BAR LISTS AND BEND DIAGRAMS.

LUMBER

1. STRUCTURAL WOOD COMPONENTS (BEAMS, JOISTS, RAFTERS, STUDS, ETC.,) SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE FIBER STRESSES OF SOUTHERN PINE CONFORMING TO THE LATEST EDITION OF NDS, AS FOLLOWS:
   1.1. SHEAR F_v = 175 PSI
   1.2. BENDING 2x4 F_b = 1300 PSI (No.1), 1200 PSI (No.2)
   1.3. BENDING 2x6 F_b = 1350 PSI (No.1), 1200 PSI (No.2)
   1.4. BENDING 2x8 F_b = 1250 PSI (No.1), 925 PSI (No.2)
   1.5. BENDING 2x10 F_b = 1250 PSI (No.1), 800 PSI (No.2)
   1.6. BENDING 2x12 F_b = 1000 PSI (No.1), 750 PSI (No.2)
   (MEMBER SIZES SHOWN ARE NOMINAL UNLESS NOTED OTHERWISE.)
2. ALL WOOD IN CONTACT WITH CONCRETE, MASONRY, OR SOIL, EXPOSED TO WEATHER, OR AT OTHER LOCATIONS AS SHOWN ON STRUCTURAL DRAWINGS, SHALL BE PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH AWPA REQUIREMENTS. PRESSURE TREATMENT APPROPRIATE FOR LUMBER IN CONTACT WITH SOIL SHALL BE PROVIDED WHERE APPLICABLE.
3. WALL STUDS SHALL BE CAPPED WITH A DOUBLE PLATE, INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIONS WITH BEARING PARTITIONS.
4. ENGINEERED WOOD TRUSS SYSTEMS SHALL BE DESIGNED BY SUPPLIER'S DELEGATED ENGINEER TO CONFIGURATION AND LOAD-CARRYING CAPACITY SHOWN ON DRAWINGS AND SPECIFICATIONS. ALTERNATE TRUSS LAYOUTS ARE ACCEPTABLE ONLY AS A CHANGE ORDER WHICH WILL INCLUDE ENGINEERING CHARGES FOR REDESIGN OF THE STRUCTURE BY THE ENGINEER OF RECORD. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW AND SPECIFY ALL CONNECTOR TYPES UTILIZED WITHIN TRUSSES, AS WELL AS CONNECTORS UTILIZED IN ALL OTHER CONNECTIONS AND ATTACHMENTS BETWEEN TRUSSES OR COMPONENTS SUPPLIED AS PART OF THE ENGINEERED TRUSS SYSTEM. A PLACING PLAN SHALL BE INCLUDED, IDENTIFYING ALL TRUSS SYSTEM COMPONENTS, AS WELL AS ALL PERMANENT BRACING REQUIRED FOR TRUSS DESIGN.
5. ENGINEERED SHOP DRAWINGS SHALL BEAR THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER AS THE SPECIALTY ENGINEER. THE FOLLOWING LOAD DURATION FACTORS SHALL BE USED:
   5.1. DEAD LOAD 0.90
   5.2. DEAD LOAD + FLOOR LIVE LOAD 1.00
   5.3. DEAD LOAD + ROOF LIVE LOAD 1.25
   5.4. DEAD LOAD + WIND LOAD 1.33
6. PLYWOOD FLOOR, WALL, AND ROOF SHEATHING ARE DESIGNED AS DIAPHRAGMS AND SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 23 OF THE FLORIDA BUILDING CODE UNLESS SHOWN OTHERWISE. SPAN RATED PANELS SHALL BE FASTENED TO NOMINAL 2X SOUTHERN PINE FRAMING SPACED UP TO 24" O/C IN ACCORDANCE WITH THE FOLLOWING:
   6.1. PANELS UP TO 5/8" THICK: 10d NAILS AT 6" O/C ALONG SUPPORTED PANEL EDGE, 6" O/C ELSEWHERE, U.N.O.
   6.2. PANELS UP TO 3/4" THICK: 12d NAILS AT 6" O/C ALONG SUPPORTED PANEL EDGE, 6" O/C ELSEWHERE, U.N.O.
7. ROOF SHEATHING SHALL BE NAILED WITH RING-SHANK NAILS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
8. AT GABLE ENDWALLS, GABLE END TRUSSES, AND ALL COMPONENT AND CLADDING EDGE STRIP ZONES, SPACE NAILS AT 4" O/C AT ALL EDGES AND INTERMEDIATE SUPPORTS.
9. ROOF AND FLOOR SHEATHING SHALL BE INSTALLED LONG DIMENSION PERPENDICULAR TO FRAMING AND END JOINTS SHALL BE STAGGERED.
10. NAILING, JOIST BLOCKING, AND RAFTER BLOCKING SHALL MEET THE MINIMUM REQUIREMENTS OF CHAPTER 23 OF THE FLORIDA BUILDING CODE UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED ON THE PLANS.
11. ALL CONNECTORS SHALL BE STAINLESS STEEL OR SIMPSON STRONG-TIE CO. ZMAX. CONNECTOR MODEL NUMBERS SHOWN ARE STRONG-TIE CONNECTORS AS MANUFACTURED BY SIMPSON STRONG-TIE CO, 4120 DUBLIN BLVD. #400, DUBLIN, CA 94568. SUBSTITUTIONS ARE ACCEPTABLE WITH THE APPROVAL OF THE STRUCTURAL ENGINEER UNLESS SHOWN OTHERWISE. INSTALL SIZE AND NUMBER OF FASTENERS SHOWN IN THE LATEST SIMPSON CATALOG. ALL CONNECTORS TO PRESSURE TREATED LUMBER SHALL BE TRIPLE GALVANIZED (Z MAX) OR STAINLESS STEEL.

WELDING

1. ALL WELDING SHALL CONFORM TO AWS SPECIFICATIONS, LATEST EDITION.
2. WELDING SHALL BE DONE BY WELDERS WITH CERTIFICATION USING E70XX SERIES LOW HYDROGEN ELECTRODES FOR ALL WELDING OF HIGH STRENGTH STEELS AND FOR FIELD WELDING.
3. WELDS SHOWN ON STRUCTURAL DRAWINGS ARE MINIMUM DESIGN REQUIREMENTS. THE FABRICATOR'S SHOP DRAWINGS SHALL SHOW WELDS IN ACCORDANCE WITH AISC/AWS REQUIREMENTS.

WIND BORNE DEBRIS REGION REQUIREMENTS

1. ALL WINDOWS, DOORS, AND OTHER COMPONENTS AND CLADDING AS REQUIRED SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SECTION 1609 OF THE 2020 FLORIDA BUILDING CODE FOR DESIGN PRESSURES GENERATED BY AN ULTIMATE DESIGN WIND VELOCITY AS NOTED IN SECTION STRUCTURAL LOADS.
2. THE BUILDER SHALL PROVIDE NECESSARY COPIES OF DETAILS, CERTIFICATIONS, ETC., TO THE BUILDING DEPARTMENT TO SHOW COMPLIANCE WITH THIS PARAGRAPH.
3. THE ENGINEER OF RECORD DOES NOT CERTIFY THE STRUCTURAL INTEGRITY OF THESE ITEMS.
4. DESIGN WIND PRESSURES FOR MAINTENANCE GARAGE ARE BASED ON AN ENCLOSED STRUCTURE CLASSIFICATION, THEREFORE, IMPACT RESISTANT GLASS OR COVERING PER SECTION 1609.1.2 IS REQUIRED.
5. IMPACT GLASS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST AND/OR THE SMALL MISSILE TEST DEPENDING UPON THE LOCATION OF THE OPENING.

CHEMICAL (ADHESIVE) ANCHORS

SHALL BE AN EQUAL TWO PART EPOXY POLYMER INJECTION SYSTEM, SUCH AS RED-HEAD EPCON, SIMPSON SET EPOXY, OR HILTI HIT-HY 200 EPOXY DOWELING SYSTEM, OR ENGINEER APPROVED SUBSTITUTION, INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. INSTALLERS SHALL BE TRAINED BY THE MANUFACTURER'S REPRESENTATIVE. MINIMUM EMBEDMENT SHALL BE TWELVE (12) TIMES FASTENER DIAMETER UNLESS NOTED OTHERWISE.

CONSTRUCTION OBSERVATION

THE STRUCTURAL ENGINEER OF RECORD HAS NOT BEEN RETAINED TO PERFORM CONSTRUCTION OBSERVATION SERVICES FOR THIS PROJECT. THEREFORE, ANY AS-BUILT CONSTRUCTION OR CHANGES MADE TO THE STRUCTURE OR TO THESE PLANS WITHOUT THE ENGINEER'S WRITTEN CONSENT SHALL RENDER THE DESIGN AND THE ENGINEERS SEAL ON THESE PLANS NULL AND VOID.

WOOD PRESERVATION TREATMENT

APPLICATION	AWPA USE CATEGORY	TREATMENT (LBS/CU FT.)
IN CONTACT WITH METAL ROOFING	UC2	0.018 PCF PT1 OR EQUAL : (0.018 PCF EL2, 0.14 PCF UCA-C, 0.15 PCF MCA, OR 0.11 PCF SBX)
ABOVE GROUND USE	UC3B	ACQ 0.25
CONCRETE OR GROUND CONTACT, IN-GROUND USE, DECKING, ROOF COMPONENTS	UC4A	0.40 PCF ACQ OR EQUAL : (0.14 PCF UCA-C , 0.15 PCF MCA, OR 0.15 PCF CA)
STRINGERS & BENTS 2X6 - 2X10, ROOF POSTS 6X6-10X10	UC4A/B	0.60 PCF ACQ OR 0.31 PCF CA OR 0.23 PCF OF UCA-C OR MCA
SPLIT PILE CAP 3X10, STRINGERS & BENTS 2X8-3X10	UC4B	0.60 PCF CCA
UPLAND PILES IN-GROUND OR FRESHWATER PILES	UC4C	0.80 PCF CCA OR 0.41 CA
SALTWATER EXPOSURE PILES, CROSS BRACING, AND WALERS	UC5C	CCA 2.50 OR DUAL TREATMENT WHERE PHOLADS OR SPHAEROMA TEREBRANS ARE PRESENT: FIRST: CCA 1.00 SECOND: CR OR CR-S 20.00

TENSION LAP SPLICE SCHEDULE (CLASS B)
f'_c=3000 psi. f_y=60,000 psi.

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
TOP BAR	28"	37"	48"	56"	81"	93"	105"	118"	131"
OTHER BAR	22"	29"	36"	43"	63"	72"	81"	91"	101"

TENSION LAP SPLICE SCHEDULE (CLASS B)
f'_c=4000 psi. f_y=60,000 psi.

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
TOP BAR	24"	32"	40"	48"	70"	80"	90"	102"	113"
OTHER BAR	19"	25"	31"	37"	54"	62"	70"	79"	87"

TENSION LAP SPLICE SCHEDULE (CLASS B)
f'_c=5000 psi. f_y=60,000 psi.

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
TOP BAR	22"	29"	36"	43"	63"	72"	81"	91"	101"
OTHER BAR	17"	22"	28"	33"	49"	55"	63"	70"	78"

1. LAP SPLICES ARE IN ACCORDANCE WITH ACI 318.
2. CLEAR SPACING OF BARS IS 2db AND CLEAR COVER IS NOT LESS THAN db OR CLEARANCES AND TIES PER ACI 318, SECTION 12.2.2
3. TOP BAR SPLICE IS REQUIRED WHERE MORE THAN 12 INCHES OF CONCRETE IS CAST IN THE MEMBER BELOW HORIZONTAL REINFORCEMENT

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

STRUCTURAL SET PLAN INDEX

G102	GENERAL NOTES

STRUCTURAL DRAWINGS

S100.0	GARAGE FOUNDATION PLAN
S200.0	GARAGE FLOOR PLAN
S201.0	STORAGE PLAN & ELEVATION
S300.0	GARAGE ELEVATIONS AND BUILDING SECTION
E100.0	GARAGE ELECTRICAL

Project Information

Approved By:	CTM	Design:	MM
Scale:	N/A	Drawn:	MM
Job No.:	21045.008	Checked:	BTC
Date Issued:	01/10/2023		

WEILER ENGINEERING CORPORATION
Excellence in engineering
201 WEST MARION AVENUE
SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

STRUCTURAL GENERAL NOTES

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD
NAPLES, FL 34113

Revisions

	Description	Revisions
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...

THIS SHEET IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OF A FLORIDA LICENSED ENGINEER.

Robin C. Palmer,
Professional Engineer,
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License No. 90050
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Robin C. Palmer, P.E.
on the date indicated here.
01/10/2023
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Sheet No. G102

USER: mgering PLOTTED: THE G102 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG Structural\21045008RookeryBayMaintBldg20220906.dwg, ON Jan 10, 2023 @ 2:35pm

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAIN

N

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1" = 30'

	SYMBOL	REVISION	DATE
	A		
	B		

	SYMBOL	REVISION	DATE
	C		
	D		

Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2157

ISSUE DATE: 01/10/2023
COMP. FILE No.: 21045.008
STATE PROJECT No.: 61245C

DESIGNER : RCP
DRAWN BY: RYU
REVIEWED BY: RCP

Consultant: KUELER ENGINEERING CORPORATION 30 Years of Service EDM #6566
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TEL 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG

Robin C. Palmer,
Professional Engineer,
State of Florida
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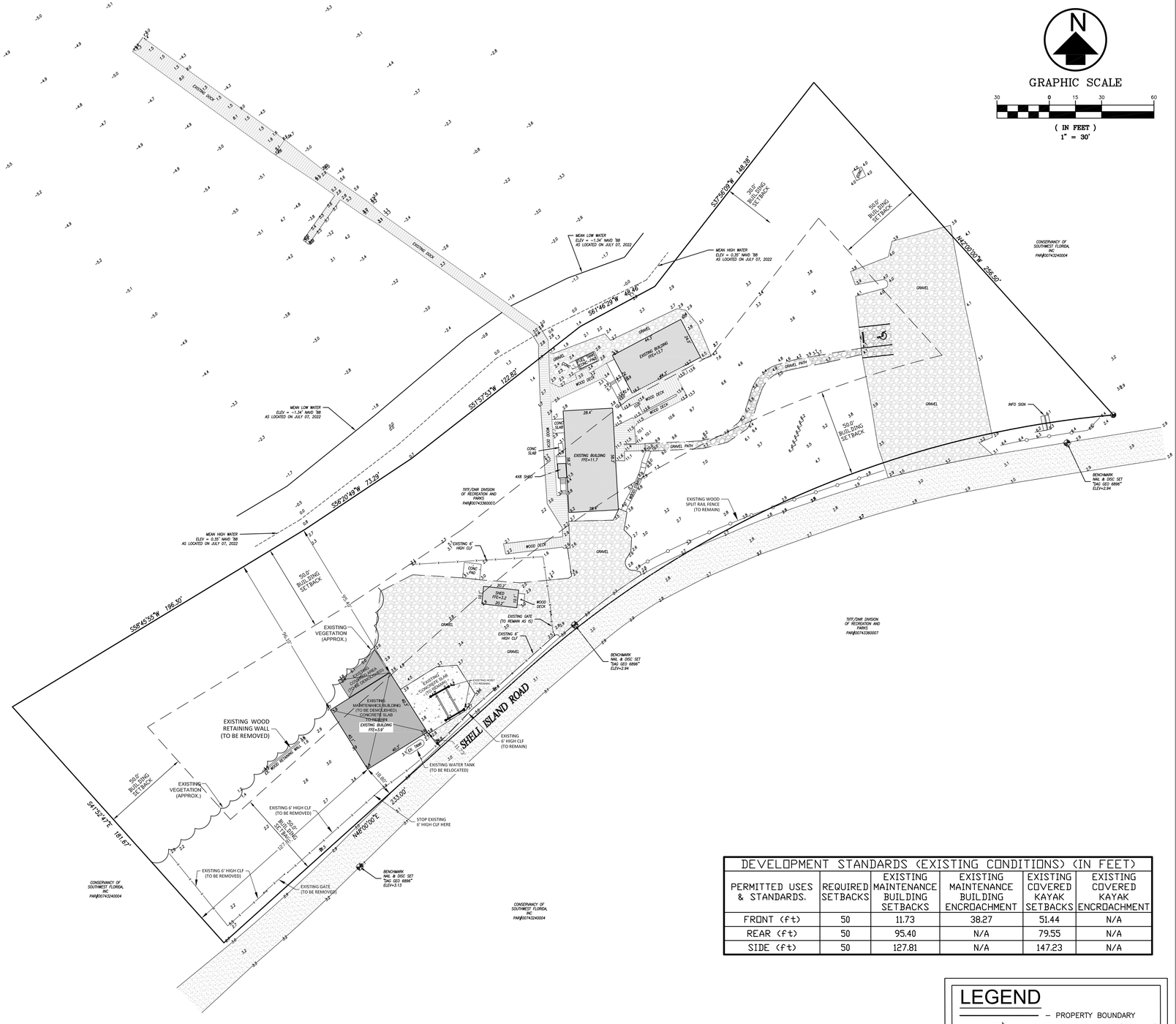
SHEET TITLE: ROOKERY BAY RESEARCH RESERVE
2019 AERIAL PHOTOGRAPH

PROJECT TITLE:
REPLACEMENT POLE BARN AND KAYAK COVER

SHEET NO.
C100

USER: mgering PLOTTED THE C100_AERIAL24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:37pm

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)



DEVELOPMENT STANDARDS (EXISTING CONDITIONS) (IN FEET)					
PERMITTED USES & STANDARDS.	REQUIRED SETBACKS	EXISTING MAINTENANCE BUILDING SETBACKS	EXISTING MAINTENANCE BUILDING ENCROACHMENT	EXISTING COVERED KAYAK SETBACKS	EXISTING COVERED KAYAK ENCROACHMENT
FRONT (ft)	50	11.73	38.27	51.44	N/A
REAR (ft)	50	95.40	N/A	79.55	N/A
SIDE (ft)	50	127.81	N/A	147.23	N/A

LEGEND
- PROPERTY BOUNDARY
- EXISTING GRADE (NAVD 88)
- ASPHALT
- GRAVEL
- CONCRETE
- BUILDING

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND ACCEPTING THE EXISTING CONDITIONS OF THE SITE PRIOR TO BIDDING.
2. ALL DISTURBED AREAS WITHIN THE LIMITS OF RESTORATION SHALL BE REVEGETATED AS SPECIFIED BY THE PARK SERVICE BIOLOGIST.
3. EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL ENSURE THAT THE UTILITY SYSTEMS DO NOT CONFLICT WITH THE PROPOSED PROJECT. CONFLICTS SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE WORK, CONSTRUCTION OF TEMPORARY UTILITIES IN THE EVENT THAT EXISTING UTILITY SERVICE MUST BE INTERRUPTED AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES THAT MAY AFFECT EXISTING OR PROPOSED UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR WILL MAKE THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL GRADE STAKES, LINES AND LEVELS.
6. THE CONTRACTOR SHALL SOLID SOD ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED OR SHOWN. NO MESH REINFORCEMENT SHALL BE USED.
7. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONSTRUCTING THIS PROJECT.
8. ALL AREAS, STREETS, DRIVEWAYS, PARKING LOTS, ETC. DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL OR BETTER CONDITION.
9. THE CONTRACTOR WILL HAVE ALL REQUIRED PERMITS IN—HAND PRIOR TO BEGINNING CONSTRUCTION, AND WILL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE OWNER AND THOSE PERMITS OBTAINED BY THE CONTRACTOR.
10. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT TO THE OWNER'S PROJECT MANAGER A SCHEDULE OF VALUES, A CONSTRUCTION SCHEDULE, AND A SAFETY PLAN.
11. THE CONSTRUCTION SCHEDULE WILL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE PHASED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE OWNER'S PROJECT MANAGER, AND WILL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. PAYMENT FOR PREPARING, UPDATING AND SUBMITTING THE SCHEDULE WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION OR OTHER PAY ITEMS AS APPROPRIATE.
12. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN FOR APPROVAL BY THE OWNER'S PROJECT MANAGER AND WILL ADDRESS THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL DEVICES TO BE USED DURING EACH PHASE OF CONSTRUCTION, INCLUDING TREE REMOVAL, CLEARING AND GRUBBING, EXCAVATION, HAULING OF EXCAVATED MATERIALS, AND PLACEMENT OF EMBANKMENT AND BACKFILL. THE PLAN ALSO WILL DETAIL THE EROSION CONTROL MEASURES TO BE EMPLOYED AT ALL STOCKPILE AND CONSTRUCTION STAGING AREAS AND WILL DEFINE THE MAXIMUM LIMITS OF ALL ACTIVE CONSTRUCTION ZONES.
13. ANY NATIONAL GEODETIC SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION MUST BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PROJECT MANAGER AND:

    FDEP, BUREAU OF SURVEY AND MAPPING, MS 105
    3900 COMMONWEALTH BLVD.
    TALLAHASSEE, FLORIDA 32399
    (850) 245–2606 (OFFICE)
    (850) 245–2645 (FAX)

14. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24—HOUR NOTICE TO THE AFFECTED PARTIES. THE CONTRACTOR WILL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
15. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF VEGETATION ON AND ADJACENT TO THE PROJECT SITE, AND WILL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION ON PROPERTIES ADJACENT TO CONSTRUCTION WORK ZONES. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED EXCEPT THOSE TREES IDENTIFIED ON THE PLANS TO BE REMOVED. ALL TREES OUTSIDE THE CONSTRUCTION WORK ZONE ARE TO BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE. TREE BARRICADES WILL BE INSTALLED AND MAINTAINED AROUND ALL TREES TO BE PROTECTED AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER.
17. THE CONTRACTOR IS RESPONSIBLE TO PLACE AND MAINTAIN ROADSIDE WARNING SIGNS WHEN WORK IS BEING CONDUCTED IN THE PROPERTY RIGHT OF WAY OR WHEN MACHINERY IS ENTERING AND LEAVING THE PROJECT SITE.
18. THE CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF EXCAVATED MATERIAL OFF—SITE UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.

	SYMBOL	REVISION	DATE
	C		
	D		

DESIGNER : RCP
DRAWN BY: RYJ
REVIEWED BY: RCP
ISSUE DATE: 01/10/2023
COMP. FILE No.: 21045.008
STATE PROJECT No.: 61245C

Consultant: WEILER ENGINEERING CORPORATION — EDM #6566

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TEL 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG

Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245–2157

Robin C. Palmer
Professional Engineer,
State of Florida
License No. 90050
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01/10/2023
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ROOKERY BAY RESEARCH RESERVE

SHEET TITLE: EXISTING CONDITIONS & DEMO PLAN

PROJECT TITLE: REPLACEMENT POLE BARN AND KAYAK COVER

SHEET NO.
C101

USER:- mgering PLOTTED THE C101_EXISTING&DEMO24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 3:03pm

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

N

GRAPHIC SCALE

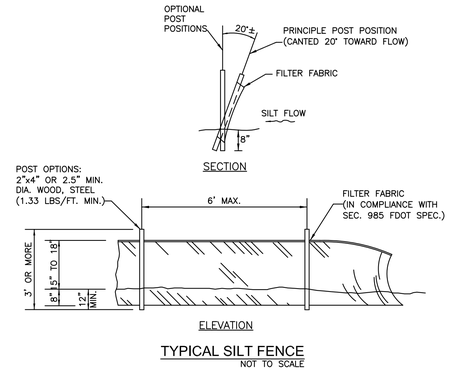
30 0 15 30 60

(IN FEET)
1" = 30'

LEGEND

———— – PROPERTY BOUNDARY

——— SF ——— – SILT FENCE



TYPICAL SILT FENCE
NOT TO SCALE

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.
5. CONTRACTOR TO INSPECT SILT FENCE DAILY AND REPAIR IMMEDIATELY IF DAMAGED.
6. THE CONTRACTOR SHALL INSTALL SILT FENCE, SYNTHETIC BALES, AND OTHER EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. THESE INSTALLATIONS AS SHOWN ON THE DRAWINGS SHALL BE CONSIDERED TEH MINIMUM EROSION/SILTATION PROTECTION REQUIRED FOR THE SITE. IN ADDITION THE ENGINEER, OWNER OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY TO INSTALL PROTECTIVE FACILITIES ELSEWHERE ON THE SITE.

	SYMBOL	REVISION	DATE
	(A)		
	(B)		
	(C)		
	(D)		

ISSUE DATE: 01/10/2023
COMP. FILE No.: 21045.008
STATE PROJECT No.: 61245C

DESIGNER : ROP
DRAWN BY: RYJ
REVIEWED BY: ROP

Consultant KELLER ENGINEERING CORPORATION

Robin C. Palmer, Professional Engineer, State of Florida License No. 80050
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ROOKERY BAY RESEARCH RESERVE

SHEET TITLE
BEST MANAGEMENT PRACTICES & DETAIL PLAN

PROJECT TITLE
REPLACEMENT POLE BARN AND KAYAK COVER

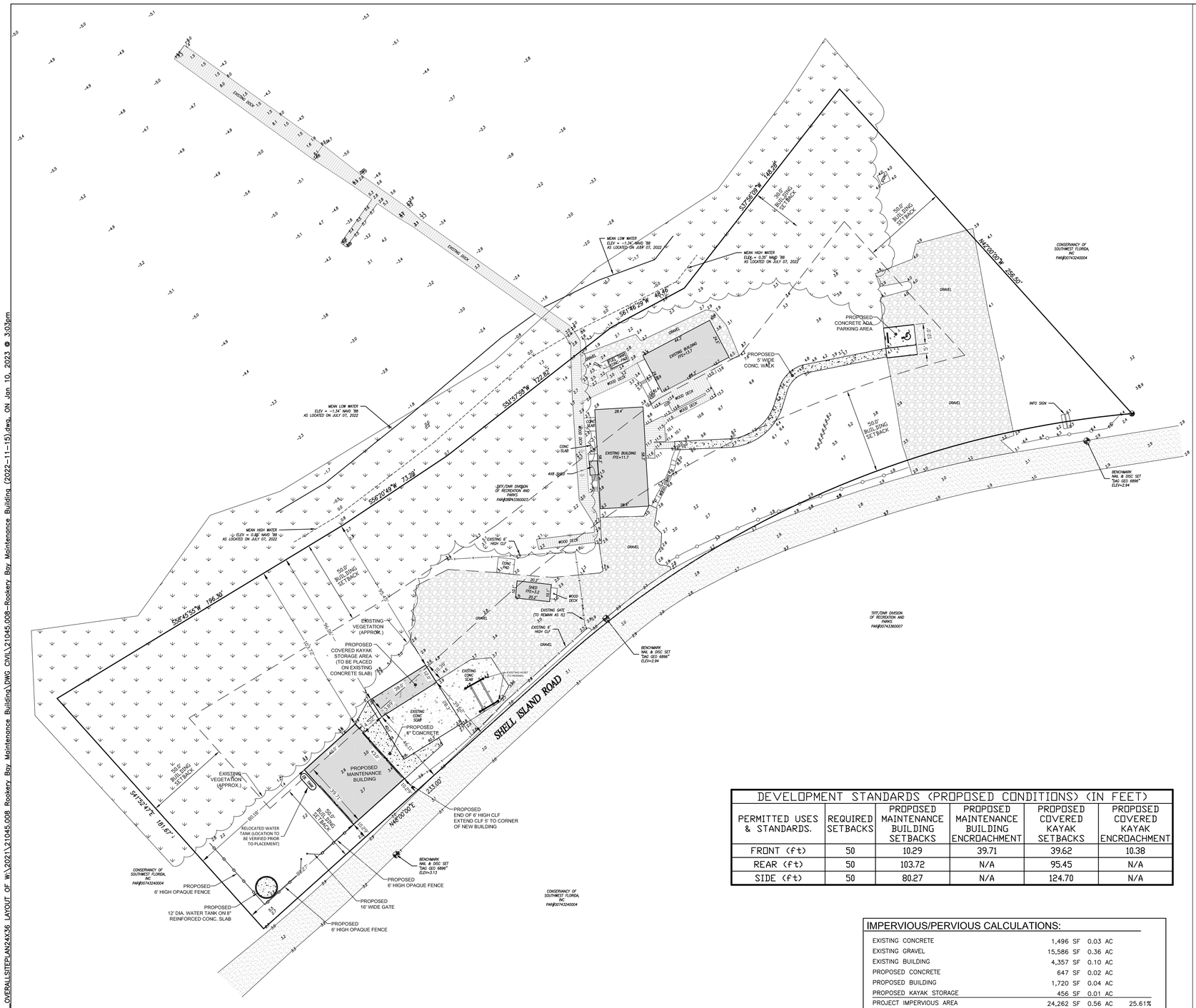
SHEET NO.
C102

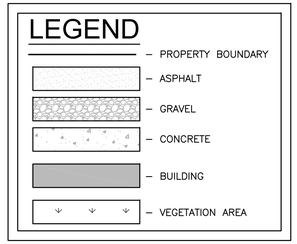
Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2157

WEC
Excellence in engineering
30 YEARS of Service
EDM #6566
201 WEST MARION AVENUE - SUITE 1306 | PUNTA GORDA | FL 33950
TEL 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG

USER: rmgering PLOTTED THE C102_BMP24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:39pm

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)





NOTE:
ELEVATIONS SHOWN ARE IN NAVD 1988.

SITE GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITTING AGENCIES AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP).
2. THERE SHALL BE NO CHANGE OR DEVIATION OF THESE PLANS OR SPECIFICATIONS UNLESS PRIOR WRITTEN APPROVAL FROM THE ENGINEER IS OBTAINED.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF AND WHEN A POSSIBLE ERROR IS FOUND IN THE PLANS OR STAKED ALIGNMENT AND/OR GRADES. THE ENGINEER MAY ACCEPT, REVISE TO ACCOMMODATE CONDITIONS, OR REJECT THE FACILITY BEING CONSTRUCTED. IT IS IMPERATIVE THAT THE CONTRACTOR NOTIFY THE ENGINEER OF THESE SITUATIONS AS SOON AS POSSIBLE.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO THE BEGINNING OF ANY ON-SITE OR OFF-SITE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY AND REPORT THE EXACT LOCATION OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS, WHETHER THEY ARE IDENTIFIED ON THE DRAWINGS OR NOT.
5. CONTRACTOR SHALL INCLUDE IN HIS BID PRICE THE COST OF EROSION CONTROL. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT SHALL BE OBSERVED DURING CONSTRUCTION BY THE CONTRACTOR. THE METHODS WHICH SHOULD BE USED INCLUDE BUT ARE NOT LIMITED TO:
   A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SILTATION ENTERING THE STORM DRAINAGE SYSTEM BOTH ON-SITE AND OFF-SITE. THE CONTRACTOR SHALL UTILIZE SAND BAGS AND SYNTHETIC BALES OR OTHER EROSION CONTROL METHODS TO CONTROL EROSION.
   B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AT ALL TIMES DURING CONSTRUCTION BY UTILIZING WATER TRUCKS, ANTI-DRAFT FENCING AND BY COVERING OPEN BODIED TRUCKS TRANSPORTING DEBRIS.
6. THE CONTRACTOR SHALL USE EXTREME CARE NOT TO DAMAGE THE ROOT SYSTEMS OF TREES AND OTHER LANDSCAPE FEATURES WHICH ARE TO BE SAVED AND/OR SALVAGED FOR RESTORATION PURPOSES. NO EQUIPMENT, SUPPLIES OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE DRIP LINE OF TREES TO REMAIN AND BE PRESERVED.
7. GRADE SITE TO PROMOTE DRAINAGE AWAY FROM STRUCTURES OR AS INDICATED ON THE PLANS.
8. AS PART OF CLEARING AND GRUBBING, ALL DEBRIS IS TO BE REMOVED FROM THE PROJECT SITE AND SALVAGED BY THE CONTRACTOR OR TRANSPORTED TO LEGAL DISPOSAL AREAS.
9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ELECTRICAL CONNECTIONS WITH THE ELECTRIC COMPANY.
10. ALL ELECTRICAL CONDUIT TERMINATIONS SHALL BE GEL FILLED (SEALED).

SITE GENERAL DATA:

OWNER: TIITF / DNR DIV REC & PARKS
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION 3900 COMMONWEALTH BLVD. TALLAHASSEE, FL 32399

PROJECT AREA: SITE: 94,750 SF = 2.18 ACRE

PROPERTY ADDRESS: 10 SHELL ISLAND RD. NAPLES, FLORIDA 34113

FLOOD ZONE: PARCEL LIES IN FLOOD HAZARD ZONE AE (EL7), HAVING A BASE FLOOD ELEVATION OF +7. THE INFORMATION TO BE TAKEN FROM FLOOD INSURANCE RATE MAP 12021C0615H, DATED 5/16/2021

DATUM: NAVD 1988

FLORIDA LAND COVER AND USE CLASSIFICATION
EXISTING: SITE: 94,750 SF = 2.18 ACRE CLASS = STATE
PROPOSED USE: SITE: 94,750 SF = 2.18 ACRE CLASS = STATE

ENGINEER: THE WEILER ENGINEERING CORPORATION, INC
ROBIN C. PALMER, P.E. NO. 90050
201 W. MARION AVE, SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941)505-1700

SURVEYOR: DAGOSTINO GEOSPATIAL, INC.
10981 BONITA BEACH ROAD
SE BONITA SPRINGS, FL 34135
WWW.DWSURVEYS.COM
(239)352-6085

DEVELOPMENT STANDARDS (PROPOSED CONDITIONS) (IN FEET)					
PERMITTED USES & STANDARDS.	REQUIRED SETBACKS	PROPOSED MAINTENANCE BUILDING SETBACKS	PROPOSED MAINTENANCE BUILDING ENCROACHMENT	PROPOSED COVERED KAYAK SETBACKS	PROPOSED COVERED KAYAK ENCROACHMENT
FRONT (ft)	50	10.29	39.71	39.62	10.38
REAR (ft)	50	103.72	N/A	95.45	N/A
SIDE (ft)	50	80.27	N/A	124.70	N/A

IMPERVIOUS/PERVIOUS CALCULATIONS:			
EXISTING CONCRETE	1,496 SF	0.03 AC	
EXISTING GRAVEL	15,586 SF	0.36 AC	
EXISTING BUILDING	4,357 SF	0.10 AC	
PROPOSED CONCRETE	647 SF	0.02 AC	
PROPOSED BUILDING	1,720 SF	0.04 AC	
PROPOSED KAYAK STORAGE	456 SF	0.01 AC	
PROJECT IMPERVIOUS AREA	24,262 SF	0.56 AC	25.61%
PROJECT PERVIOUS AREA (OPEN SPACE)	70,488 SF	1.62 AC	74.39%
TOTAL PROJECT AREA	94,750 SF	2.18 AC	100.00%

SYMBOL	DATE	REVISION
A		
B		
C		
D		

Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2157

DESIGNER : RCP
DRAWN BY: RTJ
REVIEWED BY: RCP
ISSUE DATE: 01/10/2023
COMP. FILE No.: 21045.008
STATE PROJECT No.: 61245C

Consultant: WEILER ENGINEERING CORPORATION — EB# 8656 — 30 YEARS of Excellence
Excellence in engineering
201 WEST MARION AVENUE - SUITE 1306 | PUNTA GORDA | FL 33950
TEL: 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG

Robin C. Palmer, Professional Engineer, State of Florida, License No. 90050
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01/10/2023
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PROJECT TITLE: REPLACEMENT POLE BARN AND KAYAK COVER
SHEET TITLE: OVERALL SITE PLAN
ROOKERY BAY RESEARCH RESERVE

SHEET NO.
C103

USER: mgering PLOTTED THE C103_OVERALLSITEPLAN24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 3:03pm

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

USER: mgering PLOTTED THE PRE-FLUCCS LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:41pm

PRE-DEVELOPMENT FLUCCS SUMMARY

FLUCCS CODE	FLUCCS TITLE	SIZE (AC)
171	EDUCATIONAL FACILITIES	0.21
814	ROADS AND HIGHWAYS	0.26
6120	MANGROVE SWAMP	1.10

SHEET NO. C104

ROOKERY BAY PRESERVE STATE PARK

SHEET TITLE
PRE-DEVELOPMENT FLUCSS MAP

PROJECT TITLE
REPLACEMENT POLE BARN AND KAYAK COVER

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01/10/2023
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DESIGNER : RCP	ISSUE DATE: 01/10/2023	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE
DRAWN BY: RYJ	COMP. FILE No.: 21045.008	A			C		
REVIEWED BY: RCP	STATE PROJECT No.: 61245C	B			D		

Consultant: WEILER ENGINEERING CORPORATION EB# 6656
WEC 30 YEARS of Service
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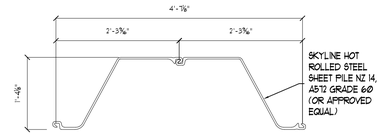
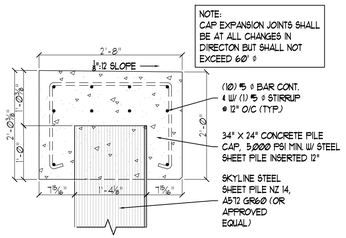
TEL 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG

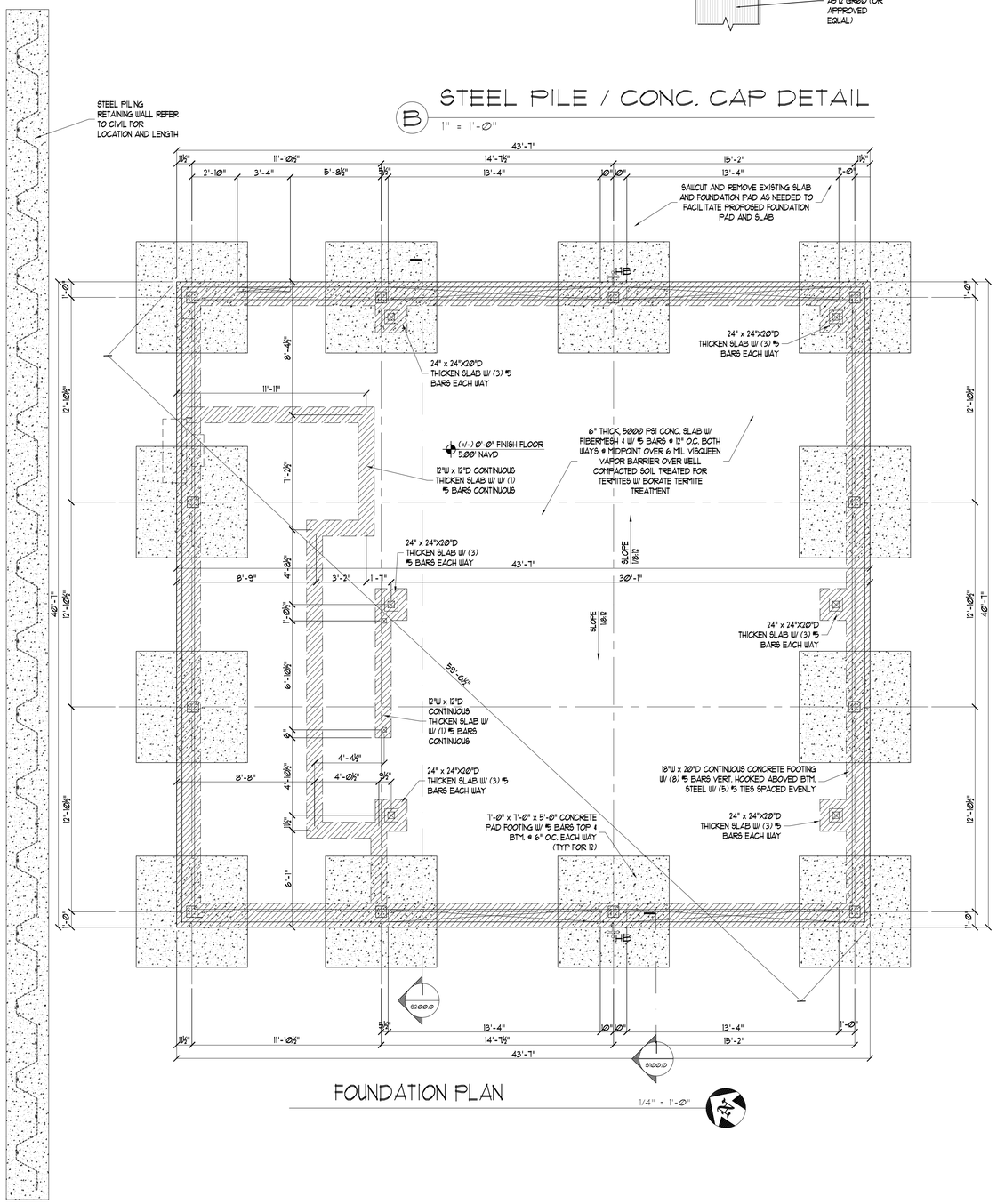
Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 245-2157





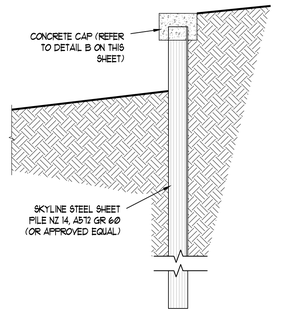
B STEEL PILE / CONC. CAP DETAIL

1" = 1'-0"



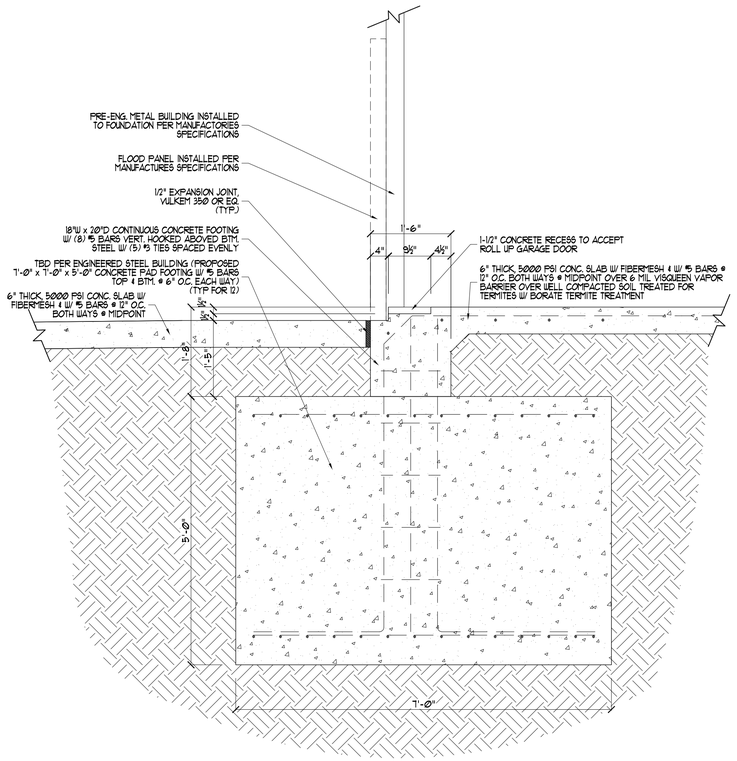
FOUNDATION PLAN

1/4" = 1'-Ø"



A TYPICAL SECTION STEEL SHEET PILE

3/16" = 1'-0"



1 FOOTER SECTION

3/4" = 1'-Ø"

NOTE:
FOUNDATION PAD/FOOTERS FINAL DIMENSIONS ARE PENDING GEOTECHNICAL REPORT

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information			
Approved By:	CTM	Design:	MM
Scale:	N/A	Drawn:	MM
Job No.:	21045.008	Checked:	BTC
Date Issued:	01/10/2023		

WEILER ENGINEERING CORPORATION
Excellence in engineering
201 WEST MARION AVENUE
SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

GARAGE FOUNDATION PLAN

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD
NAPLES, FL 34113

Revisions						
Description	...	...	...	...	...	...
	1	2	3	4	5	6

THIS SHEET IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL OF A FLORIDA LICENSED ENGINEER.

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Professional Engineer,
State of Florida,
License No. 90050
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Sheet No. S100.0

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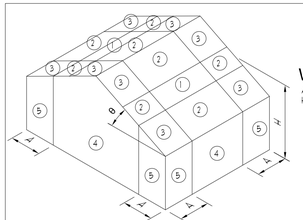
Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)



WALL AND ROOF ZONE
A = 4'-Ø"
H = MEAN ROOF HEIGHT ABOVE GRADE = 11'-10"

WIND PRESSURES

W1 N.T.S.

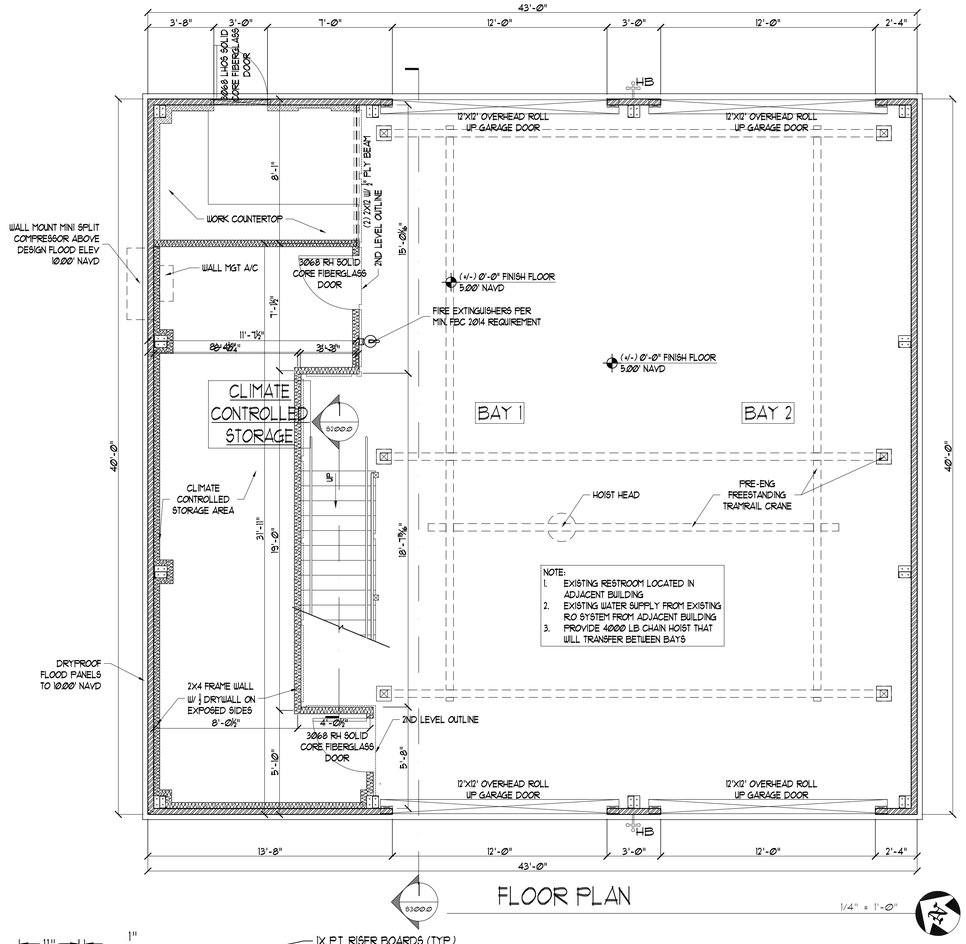
Wind Pressure Summary for C&C Zones based Upon Areas Ch 30 Pt 1 (Table 1 of 2)
All wind pressures include a load factor of 0.6

Zone	Figure	A <= 10.00 sq ft psf	A = 20.00 sq ft psf	A = 50.00 sq ft psf	A = 100.00 sq ft psf
1	30.3-2A	19.07 -74.89	17.87 -69.76	16.28 -63.25	15.10 -58.32
1'	30.3-2A	19.07 -42.51	17.87 -42.51	16.28 -42.51	15.10 -42.51
1_OH	30.3-2A	9.60 -67.54	9.60 -66.34	9.60 -64.76	9.60 -63.56
1'_CH	30.3-2A	9.60 -67.54	9.60 -66.34	9.60 -64.76	9.60 -63.56
2	30.3-2A	19.07 -98.53	17.87 -90.19	16.28 -83.82	15.10 -77.48
2_OH	30.3-2A	9.60 -91.37	9.60 -82.93	9.60 -71.76	9.60 -63.31
3	30.3-2A	19.07 -134.28	17.87 -121.81	16.28 -104.86	15.10 -90.19
3_OH	30.3-2A	9.60 -127.13	9.60 -112.95	9.60 -92.81	9.60 -78.02
4	30.3-1	42.91 -46.48	41.02 -44.58	38.48 -42.17	36.56 -40.17
5	30.3-1	42.91 -57.21	41.02 -53.41	38.48 -48.38	36.56 -64.58

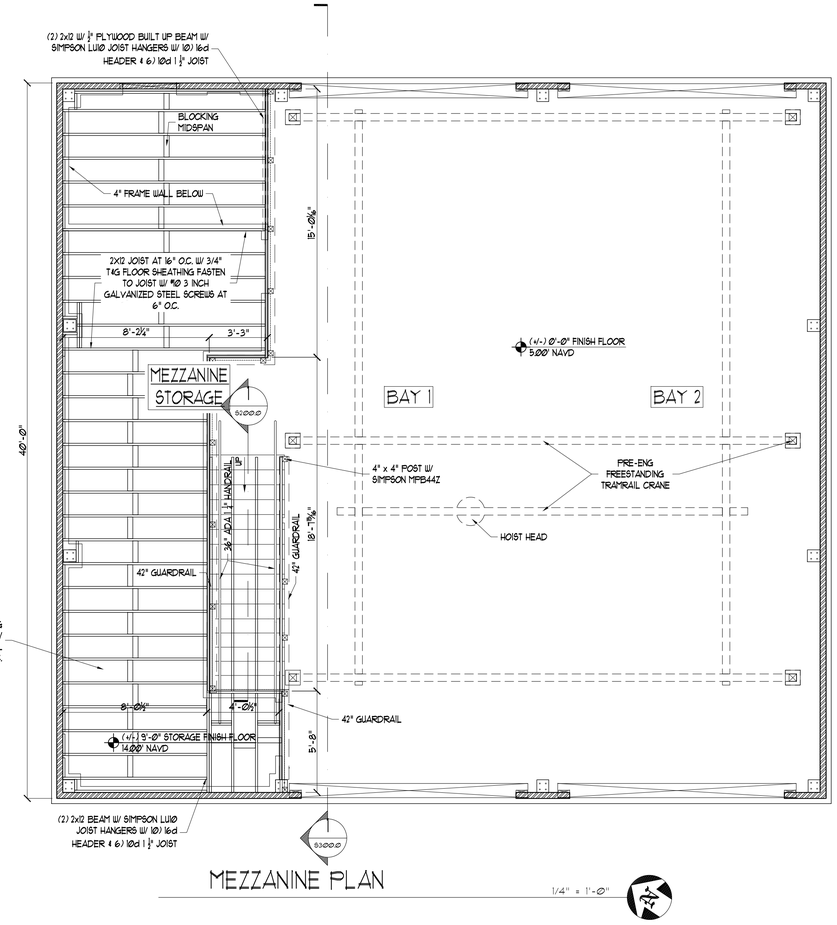
Wind Pressure Summary for C&C Zones based Upon Areas Ch 30 Pt 1 (Table 2 of 2)
All wind pressures include a load factor of 0.6

Zone	Figure	A = 200.00 sq ft psf	A = 500.00 sq ft psf	A > 1000.00 sq ft psf
1	30.3-2A	15.10 -53.35	15.10 -46.88	15.10 -66.83
1'	30.3-2A	15.10 -36.53	15.10 -29.02	15.10 -23.04
1_OH	30.3-2A	9.60 -53.30	9.60 -39.73	9.60 -39.73
1'_CH	30.3-2A	9.60 -53.30	9.60 -39.73	9.60 -39.73
2	30.3-2A	15.10 -71.14	15.10 -62.77	15.10 -62.77
2_OH	30.3-2A	9.60 -56.87	9.60 -43.70	9.60 -43.70
3	30.3-2A	15.10 -79.52	15.10 -62.77	15.10 -62.77
3_OH	30.3-2A	9.60 -63.24	9.60 -43.70	9.60 -43.70
4	30.3-1	34.65 -38.27	32.18 -35.76	32.18 -35.76
5	30.3-1	34.65 -40.73	32.18 -35.76	32.18 -35.76

DESIGN PRESSURE NOTE:
UNLESS EXPLICITLY STATED OTHERWISE, ALL (DOOR/WINDOW/CLADDING) DESIGN PRESSURES SHALL HAVE A MINIMUM PRESSURE OF +/-16.0 PSF PER ASCE 7 (CH 30, SECTION 3022). THE ABOVE PRESSURES IN THIS SCHEDULE HAVE BEEN CALCULATED USING ULTIMATE WIND SPEED (VULT) PER ASCE 7 FOR THE PROJECT LOCATION AND MULTIPLIED BY AN ASD FACTOR OF 0.6.



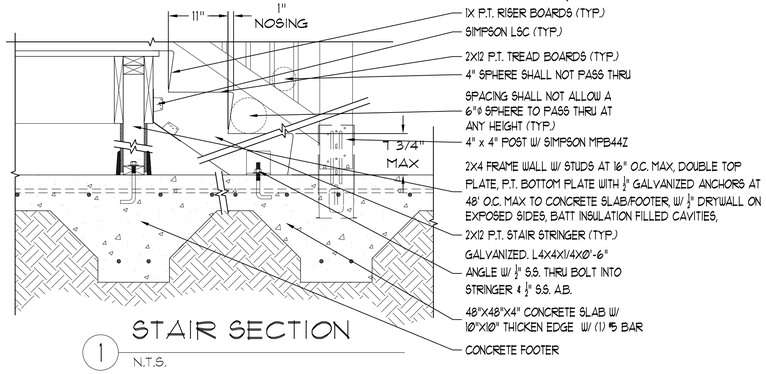
FLOOR PLAN
1/4" = 1'-Ø"



MEZZANINE PLAN
1/4" = 1'-Ø"

AREA CALCULATIONS

PRE-ENG BUILDING	
BAY 1	612 SQ. FT.
BAY2	612 SQ. FT.
WORKBENCH	92 SQ. FT.
STAIR AREA	75 SQ. FT.
CLIMATE CONTROLLED STORAGE	322 SQ. FT.
TOTAL PRE-ENG BUILDING	1113 SQ. FT.
MEZZANINE STORAGE	414 SQ. FT.
TOTAL BUILDING	2121 SQ. FT.



STAIR SECTION
1 N.T.S.

MINI-SPLIT SPECIFICATIONS

UPDATE

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information

Approved by:	CTM
Design:	MM
Scale:	N/A
Drawn:	MM
Job No.:	21045.008
Checked:	BTC
Date Issued:	01/10/2023

WEILER ENGINEERING CORPORATION
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SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

GARAGE FLOOR PLAN

PROJECT FOR
ROOKERY BAY RESEARCH
SHELL ISLAND ROAD
NAPLES, FL 34113

Revisions

	Description
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2	...
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State of Florida,
License No. 90050
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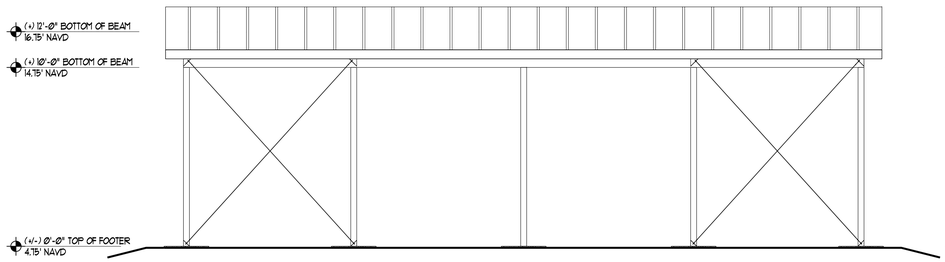
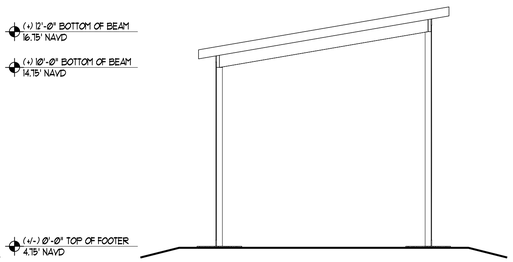


LONG ELEVATION

1/4" = 1'-0"



SHORT ELEVATION

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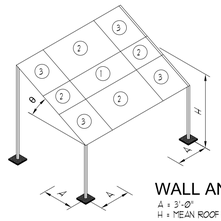


WALL AND ROOF ZONE

A = 3'-0"
H = MEAN ROOF HEIGHT ABOVE GRADE + 12'-6"

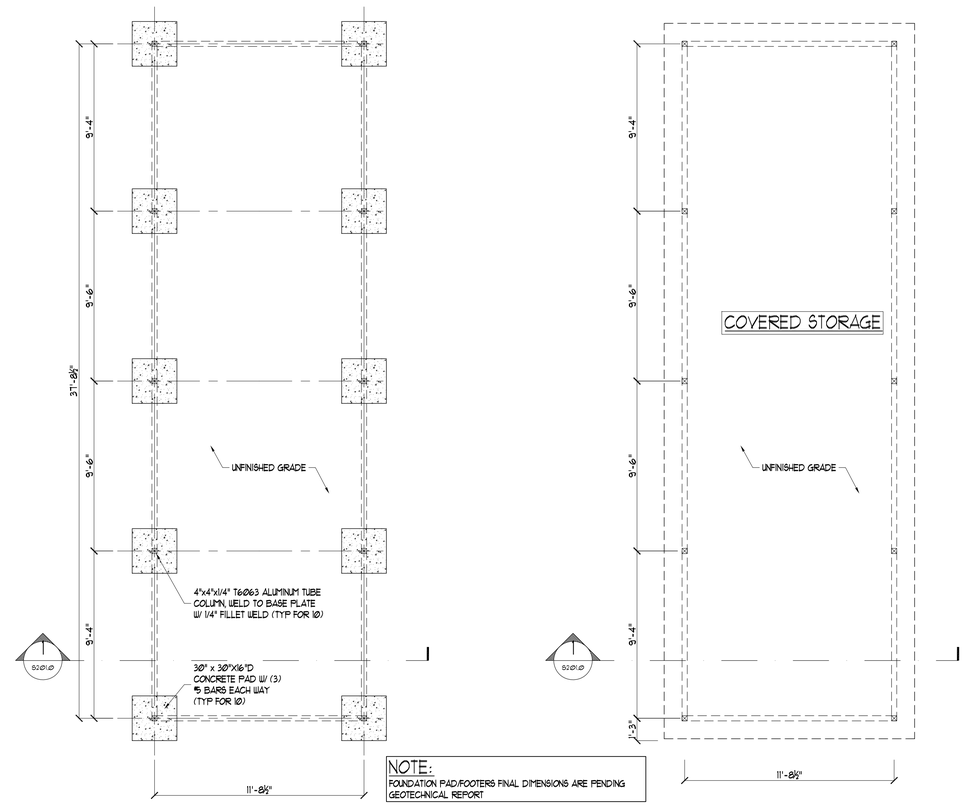
Wind Pressure Summary for C&C Zones based Upon Areas Ch 30 Pt 5
All wind pressures include a load factor of 0.6

Zone	Figure	A <= 9.00 sq ft psf	9.00 > A >= 36.00 sq ft psf	A >= 36.00 sq ft psf
1	Figure 30.7-1	43.58 -42.54	45.58 -42.54	45.58 -42.54
2	Figure 30.7-1	68.37 -64.22	68.37 -64.22	45.58 -42.54
3	Figure 30.7-1	91.16 -112.10	68.37 -64.22	45.58 -42.54

DESIGN PRESSURE NOTE:
UNLESS EXPLICITLY STATED OTHERWISE, ALL (DOOR/WINDOW/CLADDING) DESIGN PRESSURES SHALL HAVE A MINIMUM PRESSURE OF +/-16.0 PSF PER ASCE 7 (CH. 30, SECTION 3022). THE ABOVE PRESSURES IN THIS SCHEDULE HAVE BEEN CALCULATED USING ULTIMATE WIND SPEED (VULT) PER ASCE 7 FOR THE PROJECT LOCATION AND MULTIPLIED BY AN ASD FACTOR OF 0.6.

WIND PRESSURES

W2 N.T.S.



NOTE:
FOUNDATION PAD/FOOTERS FINAL DIMENSIONS ARE PENDING GEOTECHNICAL REPORT

COVERED STORAGE FOUNDATION PLAN

1/4" = 1'-0"

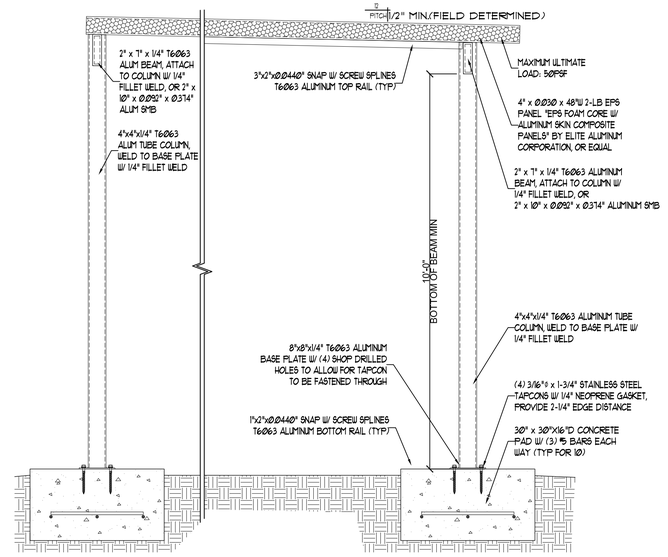
COVERED STORAGE PLAN

1/4" = 1'-0"

AREA CALCULATIONS

COVERED STORAGE

UNDER COVER	456 SQ FT.
TOTAL BUILDING	456 SQ FT.



1 COVERED STORAGE SECTION

3/4" = 1'-0"

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information

Approved By:	CTM
Design:	MM
Scale:	N/A
Drawn:	MM
Job No.:	21045.008
Checked:	BTC
Date Issued:	01/10/2023

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SUITE 1306
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(941) 505-1700
EB# 6656

STORAGE PLAN & ELEVATIONS

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD
NAPLES, FL 34113

Revisions

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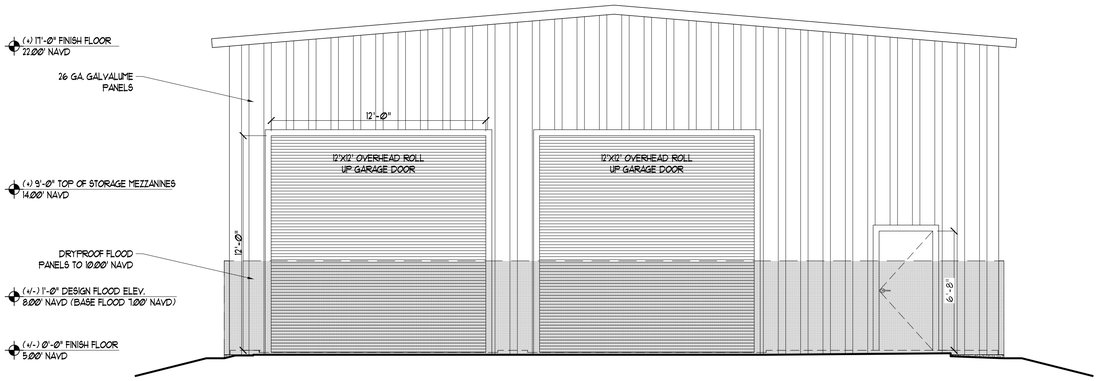
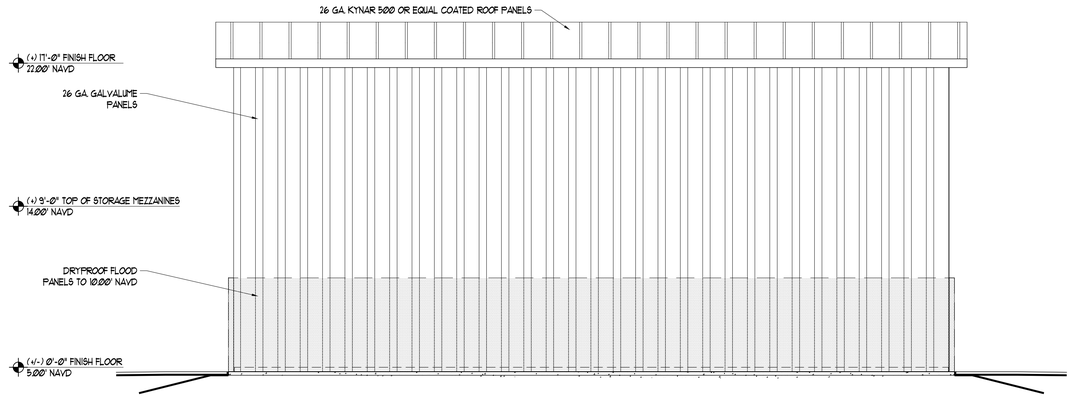
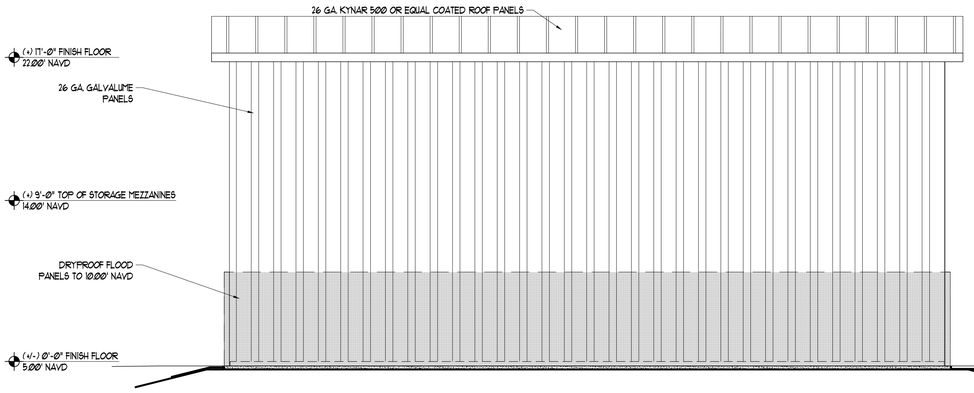


NORTHEAST ELEVATION 1/4" = 1'-0"

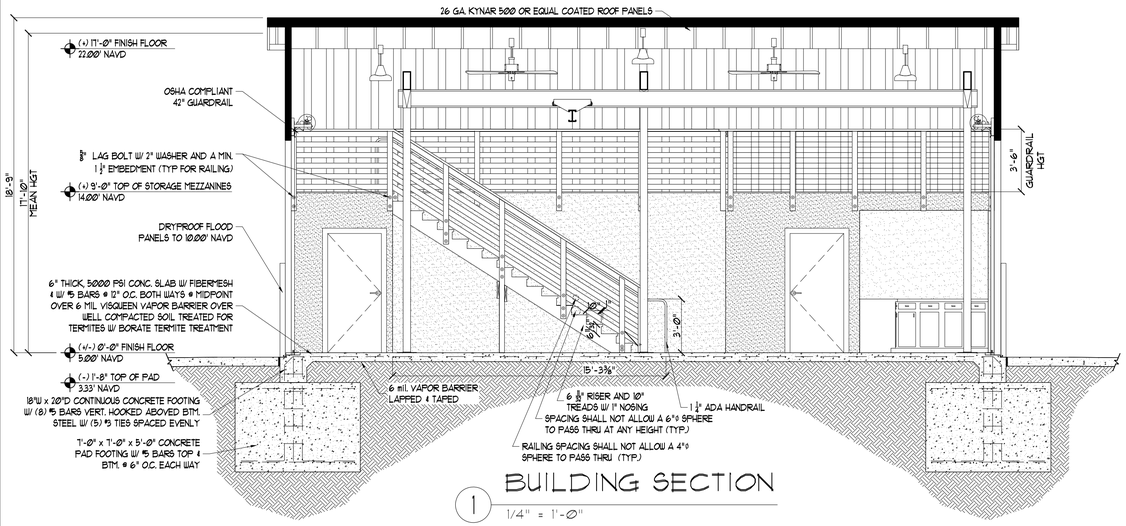


SOUTHEAST ELEVATION 1/4" = 1'-0"



SOUTHEAST ELEVATION 1/4" = 1'-0"

SOUTHWEST ELEVATION 1/4" = 1'-0"



1 BUILDING SECTION 1/4" = 1'-0"

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information

Approved By:	CTM
Design:	MM
Scale:	N/A
Drawn:	MM
Job No.:	21045.008
Checked:	BTC
Date Issued:	01/10/2023

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EB# 6656

GARAGE ELEVATIONS AND BUILDING SECTION

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD
NAPLES, FL 34113

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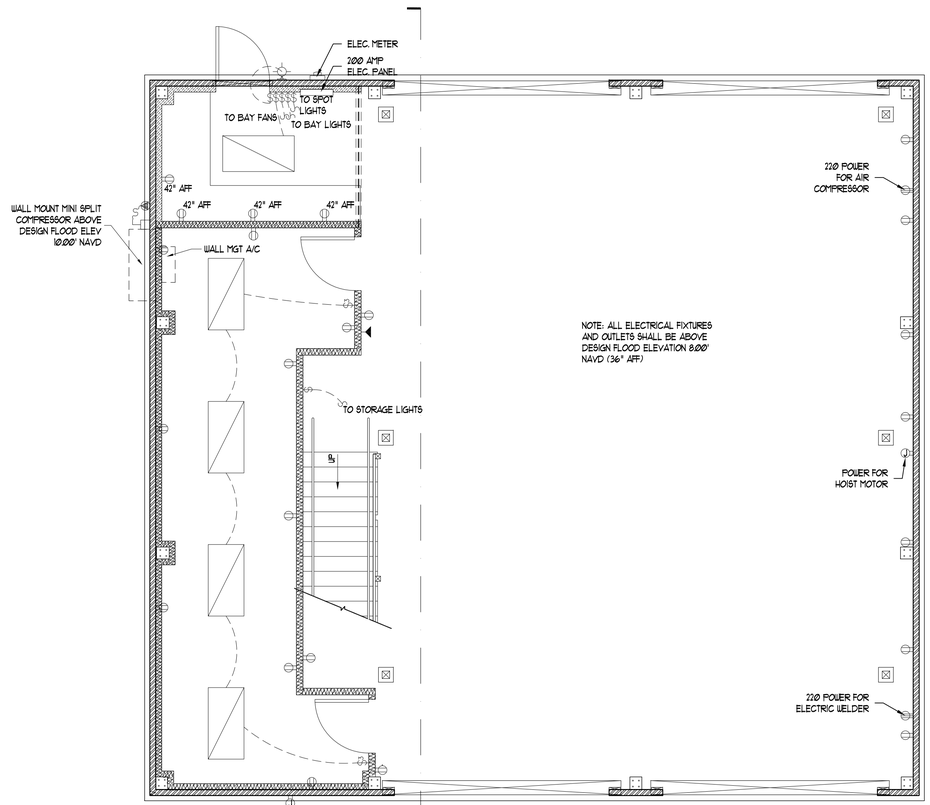
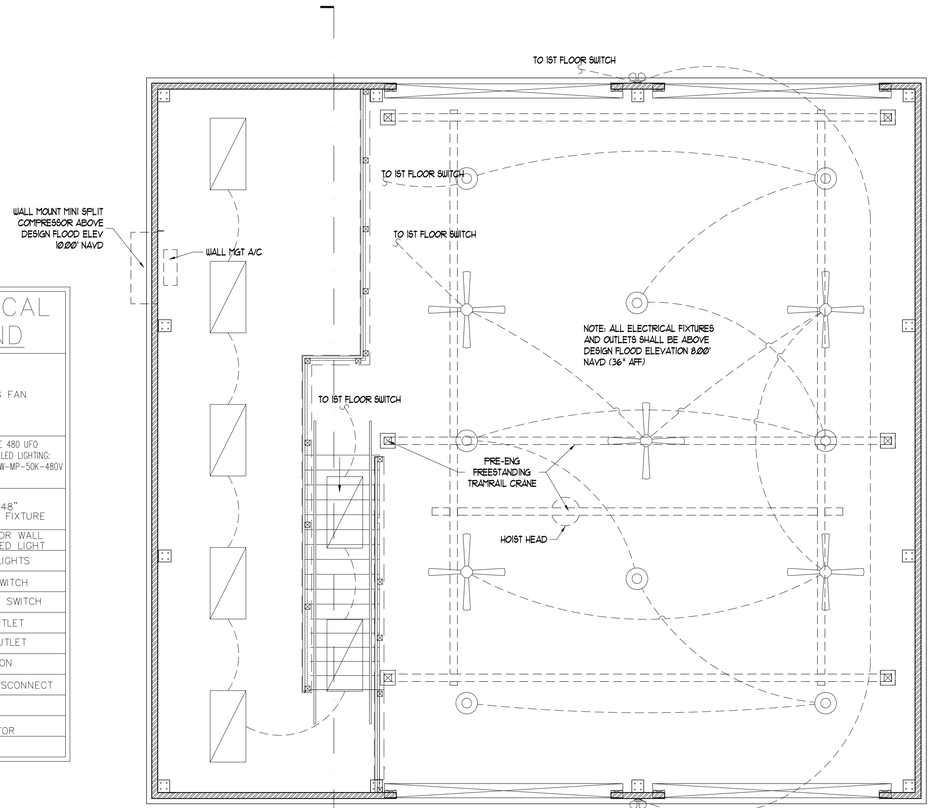


ELECTRICAL PLAN

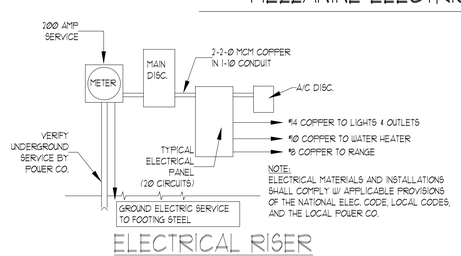
1/4" = 1'-0"

ELECTRICAL LEGEND	
	CEILING FAN
	WESTGATE 480 UFO HIGHBAY LED LIGHTING: UHX-150W-MP-50K-480V HB-RING
	24" X 48" FLOUR. FIXTURE
	EXTERIOR WALL MOUNTED LIGHT
	SPOT LIGHTS
	TYP. SWITCH
3	3-WAY SWITCH
	110 OUTLET
	220 OUTLET
	JUNCTION
	A/C DISCONNECT
	PHONE
S.D.	SMOKE DETECTOR



MEZZANINE ELECTRICAL PLAN

1/4" = 1'-0"



ELECTRICAL RISER

PER 2020 NATIONAL ELECTRIC CODE 210.12 ARC FAULT CIRCUITS SHALL BE LOCATED PER CODE

ALL LIGHTS TO BE LED IF APPLICABLE

NOTE:
ALL ELECTRICAL SYSTEMS, EQUIPMENT, HEATING, VENTILATING, AIR CONDITIONING, PLUMBING FIXTURES, AND OTHER SYSTEMS TO BE AT OR ABOVE DESIGNED FLOOR ELEVATION. NO EQUIPMENT OR SYSTEMS LISTED ABOVE ARE TO BE INSTALLED BELOW DESIGNED FLOOD ELEVATION.

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GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information

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Drawn:	MM
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GARAGE ELECTRICAL PLAN

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD
NAPLES, FL 34113

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Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

AFFIDAVIT OF AUTHORIZATION

FOR PETITION NUMBERS(S) PL20220005310

I, Keith Laakkonen (print name), as Program Administrator Office of Resilience and Coastal Protection (title, if applicable) of Florida Department of Environmental Protection (company, if applicable), swear or affirm under oath, that I am the (choose one) owner [✓] applicant [✓] contract purchaser [ ] and that:

1. I have full authority to secure the approval(s) requested and to impose covenants and restrictions on the referenced property as a result of any action approved by the County in accordance with this application and the Land Development Code;
2. All answers to the questions in this application and any sketches, data or other supplementary matter attached hereto and made a part of this application are honest and true;
3. I have authorized the staff of Collier County to enter upon the property during normal working hours for the purpose of investigating and evaluating the request made through this application; and that
4. The property will be transferred, conveyed, sold or subdivided subject to the conditions and restrictions imposed by the approved action.
5. We/I authorize The Weiler Engineering Corporation to act as our/my representative in any matters regarding this petition including 1 through 2 above.

**Notes:*

- *If the applicant is a corporation, then it is usually executed by the corp. pres. or v. pres.*
- *If the applicant is a Limited Liability Company (L.L.C.) or Limited Company (L.C.), then the documents should typically be signed by the Company's "Managing Member."*
- *If the applicant is a partnership, then typically a partner can sign on behalf of the partnership.*
- *If the applicant is a limited partnership, then the general partner must sign and be identified as the "general partner" of the named partnership.*
- *If the applicant is a trust, then they must include the trustee's name and the words "as trustee".*
- *In each instance, first determine the applicant's status, e.g., individual, corporate, trust, partnership, and then use the appropriate format for that ownership.*

Under penalties of perjury, I declare that I have read the foregoing Affidavit of Authorization and that the facts stated in it are true.

Signature **Date** 8/23/22

STATE OF FLORIDA
COUNTY OF COLLIER

The foregoing instrument was acknowleged before me by means of [ ] physical presence or [ ] online notarization this 23rd day of August, 2022, by (printed name of owner or qualifier) Keith Laakkonen.

Such person(s) Notary Public must check applicable box:

[✓] Are personally known to me

[ ] Has produced a current drivers license _____

[ ] Has produced _____ as identification.

Notary Signature: _____

Notary Seal

BRENDA S. VARNES
MY COMMISSION # GG 307628
EXPIRES: June 29, 2023
Bonded Thru Notary Public Underwriters

CP\08-COA-00115\155
REV 3/4/2020

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

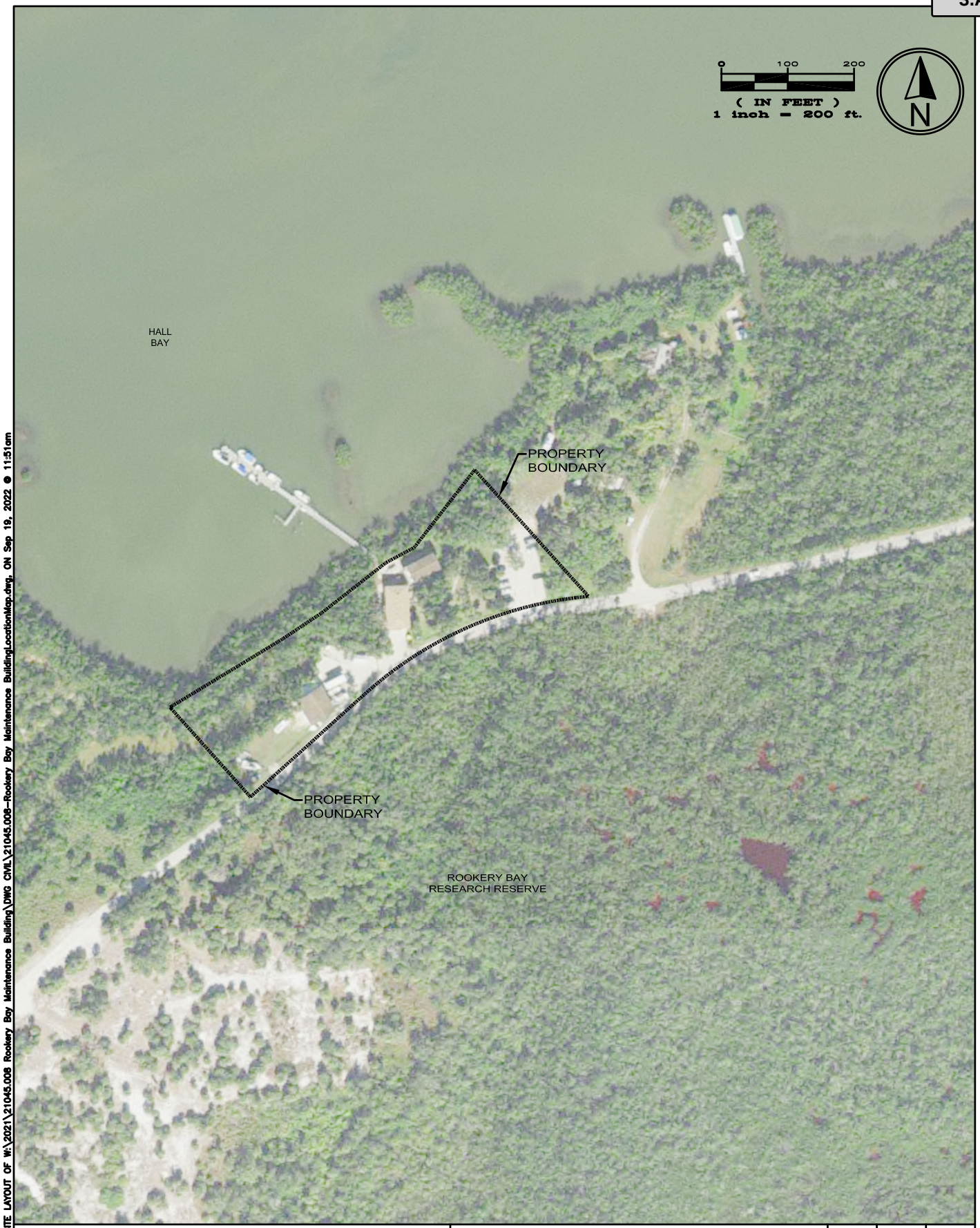
LEGAL DESCRIPTION

PARCEL "A"

A parcel of land lying in Section 17, Township 51 South, Range 26 East, Collier County, Florida and being more particularly described as follows:

COMMENCING at a concrete monument, said monument being on the corner of Sections 16, 17, 20, 21, Tonwship 51 South, Range 26 East of Collier County, Florida; thence N89°16'48"W along the South line of Section 17, Township 51 South, Range 26 East, a distance of 3869.564 feet to a point; thence run due North a distance of 1143.09 feet to a point, said point being the POINT OF BEGINNING of the parcel of land hereinafter described and also known as Parcel "A"; thence run N42°00'00"W a distance of 237.56 feet to a point, said point hereinafter known as point "X" and being on the Approximate Mean High Water Line (elevation +1.5 contour) of Henderson Creek as it now exists, thence returning to the aforementioned POINT OF BEGINNING; thence run N48°00'00"E a distance of 233.00 feet to the Point of Curvature of a curve to the right having a central angle of 36°54'42" and having a radius of 580 feet; thence run along the arc of said curve a distance of 373.65 feet; thence N42°00'00"W a distance of 256.5 feet to a point, said point being on the Approximate Mean High Water Line (elevation +1.5 contour) of Henderson Creek; thence run in a Southwesterly direction along siad Approximate Mean High Water Line (elevation +1.5 contour) a distance of 600 feet more or less to the aforementioned Point "X" and the POINT OF TERMINATION containing 2.5 acres more or less.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY



USER: pguerin PLOTTED THE SITE LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance BuildingLocationMap.dwg, ON Sep 19, 2022 @ 11:51am

LOCATION MAP

FOR

ROOKERY BAY MAINTENANCE BUILDING

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Excellence in engineering
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PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB # 6656

Design	Drawn	Checked
.	PG	RCP

Approved by	.
Scale:	AS SHOWN
Job No.	21045.008
Date Issued	09/19/2022
Sheet	

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

PHASE I CULTURAL RESOURCE SURVEY OF THE ROOKERY BAY POLE BARN PARCEL, COLLIER COUNTY, FLORIDA

(ARCHAEOLOGICAL RESEARCH PERMIT NUMBER: 2223.028)

By:
Robert S. Carr, M.S.
Maleah Inboden, B.A.
John G. Beriault, B.A.

ARCHAEOLOGICAL AND HISTORICAL CONSERVANCY, INC.
4800 SW 64th Avenue, Suite 107
Davie, Florida 33314
archlgcl@bellsouth.net
(954) 792-9776

For:

ROOKERY BAY NATIONAL ESTUARY RESEARCH RESERVE

AHC PROJECT NO. 2022.214
AHC TECHNICAL REPORT NO. 1416
DECEMBER 2022

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

TABLE OF CONTENTS

LIST OF FIGURES ii

CONSULTANT SUMMARY 1

PROJECT SETTING 3

PREVIOUS RESEARCH 11

CULTURAL SUMMARY 17

METHODOLOGY 29

RESULTS AND CONCLUSIONS 31

REFERENCES CITED 32

APPENDICES 38

APPENDIX I: FLORIDA SURVEY LOG

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

LIST OF FIGURES

Figure 1.	USGS map of the Rookery Bay pole Barn parcel	2
Figure 2.	1876 plat map for Township 50S, Range 26E with the subject parcel boundaries superimposed	4
Figure 3.	1943 Copeland Map of the subject parcel	5
Figure 4.	1969 black and white aerial photograph of the subject parcel	6
Figure 5.	1984 aerial photograph of the subject parcel	7
Figure 6.	1999 aerial photograph of the subject parcel	8
Figure 7.	2019 aerial photograph of the subject parcel	9
Figure 8.	Project parcel, looking north	10
Figure 9.	USGS map showing all sites within 1 mile	16
Figure 10.	Aerial photograph showing shovel test locations	30
Figure 11.	Shovel test profiles	31

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

CONSULTANT SUMMARY

In December, 2022, the Archaeological and Historical Conservancy, Inc. (AHC) conducted a Phase I cultural resource assessment for Rookery Bay National Estuarine Research Reserve of the ± .1 acre Rookery Bay Pole Barn parcel located on the eastern shore of Rookery Bay south of Naples in Collier County. The parcel is in Township 50S, Range 26E, Section 17 (Figure 1). The parcel was surveyed to locate and assess any sites of archaeological and/or historical significance.

This assessment was conducted to fulfill historic and cultural resource requirements for Florida's Chapters 267 and 373 and was authorized by Florida Archaeological Research Permit No. 2223.028. This assessment was conducted in accordance with Section 106 of the National Historic Preservation Act of 1966 (Public Law 89-665), as amended in 1992, and 36 C.F.R.. The work and the report conform to the specifications set forth in Chapter IA-46, Florida Administrative Code and Modular 3 guidelines.

The subject parcel historically contained low-lying mangrove swamp near the mouth of Henderson Creek. The parcel is situated at the northern head of the Ten Thousand Islands. The project parcel is also in close proximity to a major coastal shell midden complex, the Shell Island Site, 8CR784, but a 2012 assessment conducted by the AHC determined that the project parcel is outside of the established bounds of that site. All parts of the project Area of Potential Effect (APE) were considered low probability for archaeological resources.

The subject parcel has been cleared, filled, and used as a shell-paved parking lot and outdoor storage area. No structures occur on parcel.

Field work included a pedestrian survey and shovel testing. A total of six systematic shovel tests were dug (Figure 10). All shovel tests were negative and no cultural materials were observed or collected.

It is the consultant's opinion that no sites regarded as potentially eligible for listing on the National Register of Historic Places occur within the APE.

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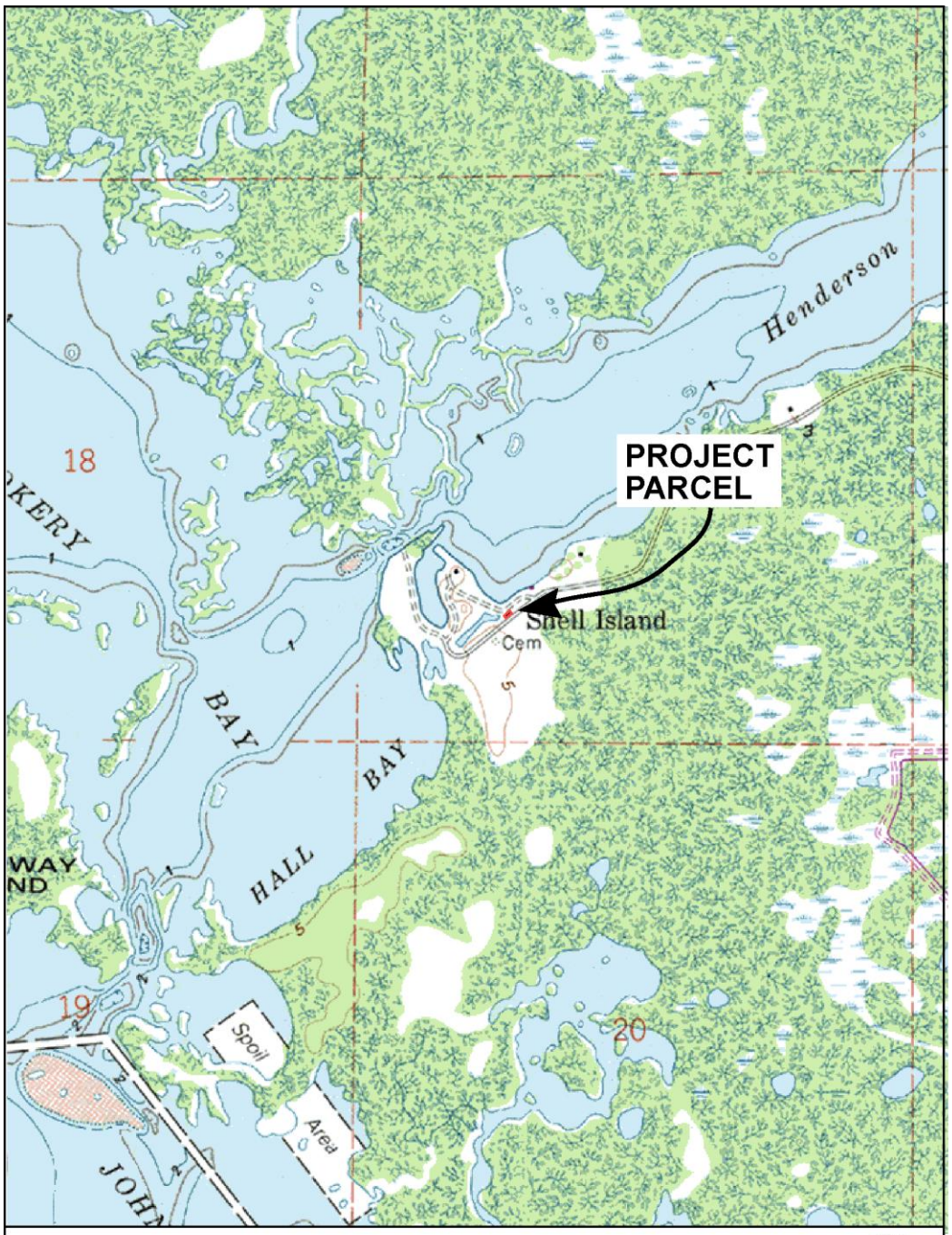

Figure 1. USGS Map of the Rookery Bay Pole Barn parcel.

N

TOWNSHIP 51S, RANGE 26E, SECTION 17

USGS Map: BELLE MEADE, REV. 1991

0 750 1500 3000 Feet approx.
0 270 450 900 Meters approx.

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PROJECT SETTING

The Rookery Bay Pole Barn parcel encompasses approximately .1 acre situated in the northern Ten Thousand Islands in southern Collier County. The subject parcel is located in Township 50S, Range 26E, Section 17 (Figure 1). The project area is rectangular and is the future site for the erection of a pole barn to store equipment. The parcel is approximately six miles south of the City of Naples. The relevant USGS map is Belle Meade, Florida.

The subject parcel historically was low-lying mangrove swamp near the mouth of Henderson Creek near where it enters Rookery Bay. The ground rises slightly a distance from tidally-influenced coastal salt marshes to low-lying slash pine/ saw palmetto flatwoods and isolated xeric sandhill areas, although the APE had no historic uplands.

The parcel is within the northern bounds of the Ten Thousand Islands, a vast archipelago of mangrove islands and bays described as a “drowned” coastline at the foot of the Southwest Slope. Much of the surroundings are characterized as mangrove swamp, salt marsh and flat land with elevations averaging 0-5 feet above mean sea level. The sandy soil mantled by Holocene deposited loamy sands and mucks supports varied coastal lowland and isolated hammock communities. Recent drainage activities have disrupted historic drainage patterns in the area. The current coastline lies two miles to the west of the parcel.

The 1876 plat map (Figure 2) shows the parcel encompassing part of a large coastal zone lying south of Henderson Creek, identified as "prairie" of the 1943 Copeland map (Figure 3) Land-use changes/alterations on the 1969 aerial photo shows the parcel area partially cleared and partially farmed in mango groves (Figure 4).

Fresh water sources in the immediate area of the subject parcel were the surrounding marsh/sloughs maintained through the year by seasonally variable rain in pre-drainage times.

The geology of coastal Collier County is characterized by fine-grained poorly to well drained sands that can be shallowly deposited and moderately permeable. The two soil types indicated for the Parcel in the USDA Soils Survey are: Satellite fine sand, 0-2 percent slopes and Durbin and Wulfert mucks, tidal complex, 0-1 percent slopes.

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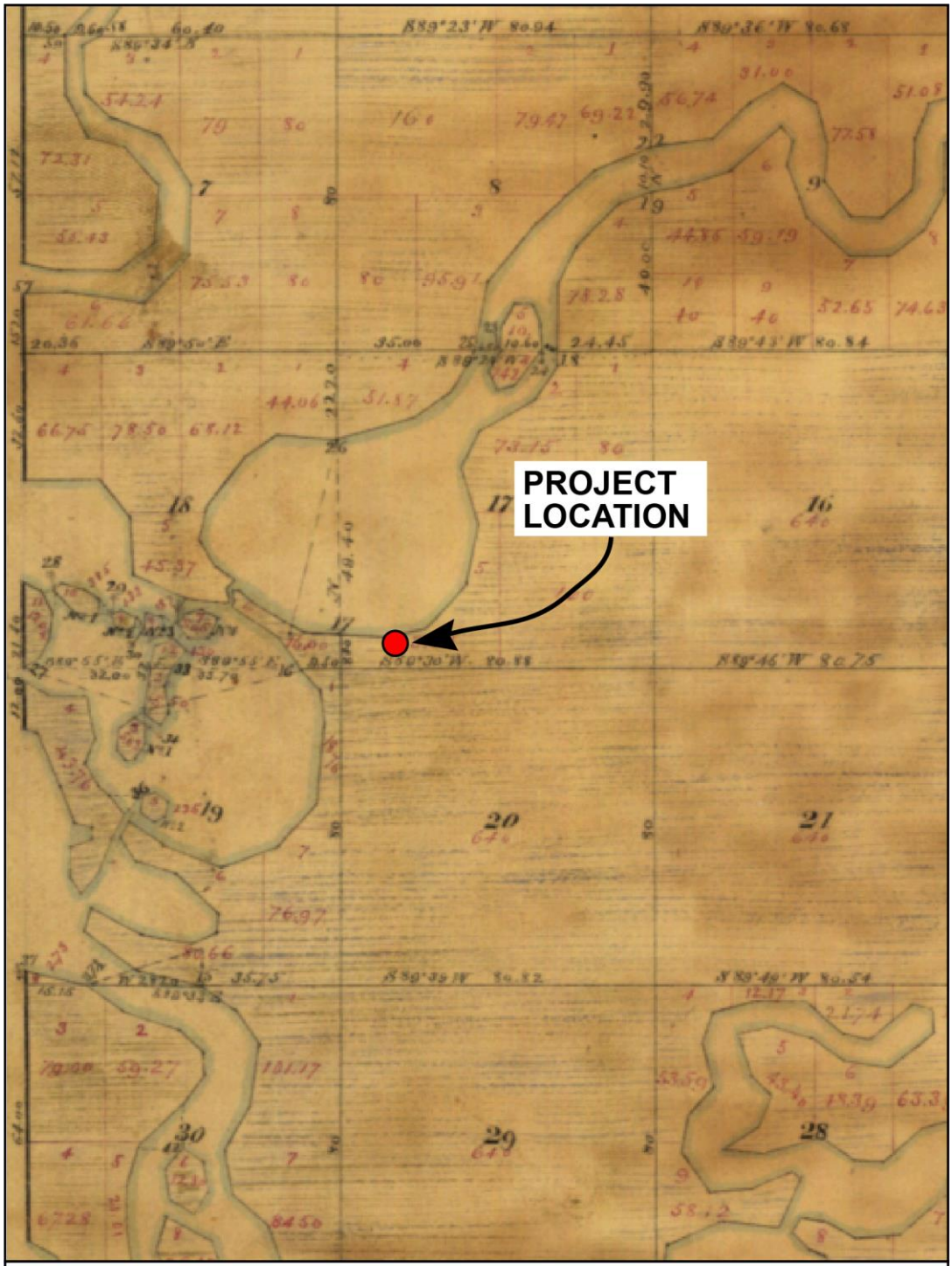

Figure 2. Portion of the 1876 plat map for Township 50S, Range 26E with the project parcel boundaries superimposed.

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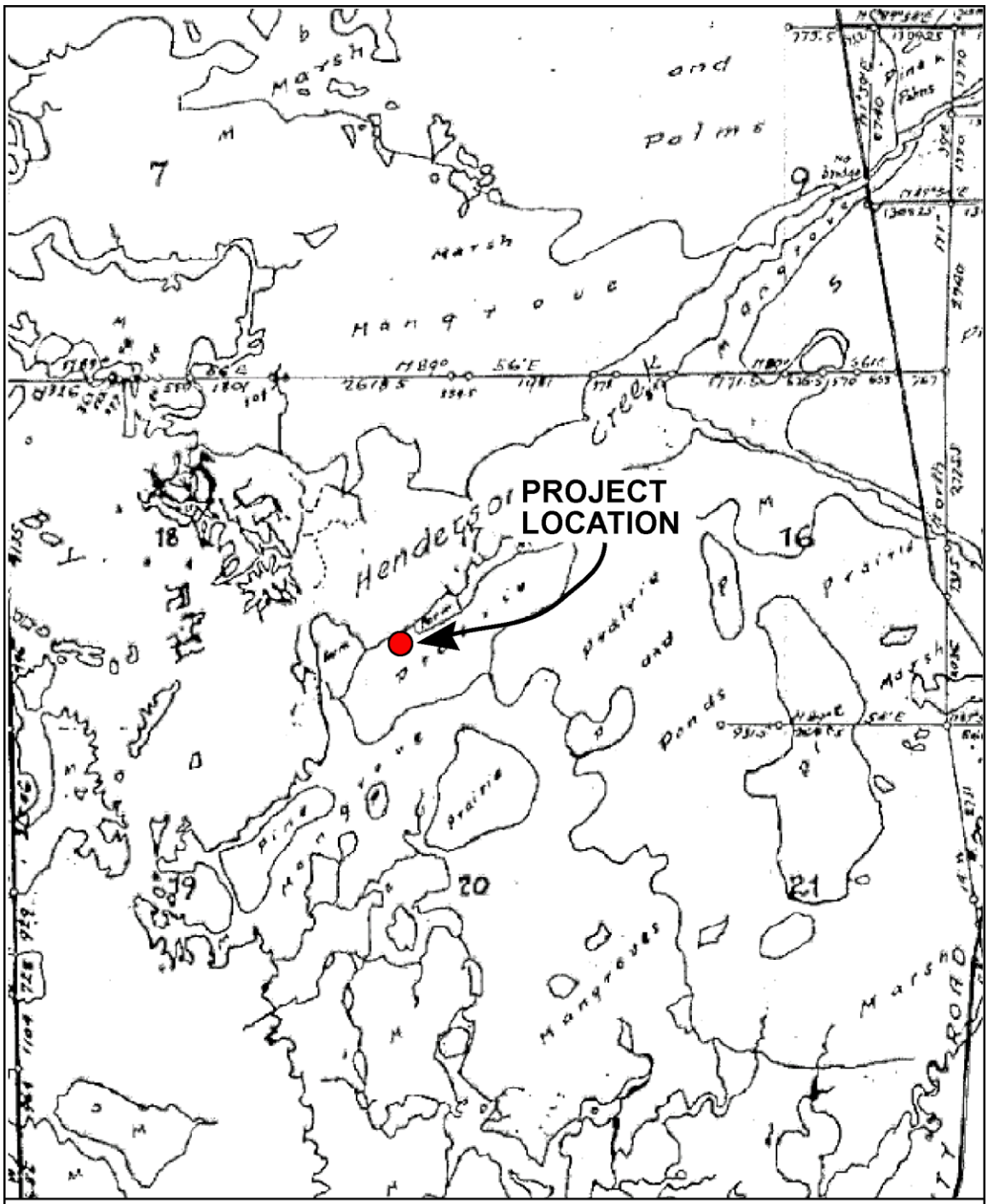

Figure 3. 1943 D. Graham Copeland map of a portion of Township 51S, Range 26E showing approximate project location.

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Figure 4. 1969 aerial photograph showing project parcel.

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Figure 5. 1984 aerial photograph showing project parcel.

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Figure 6. 1999 aerial photograph showing project parcel.

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Figure 7. 2019 aerial photograph showing project parcel.

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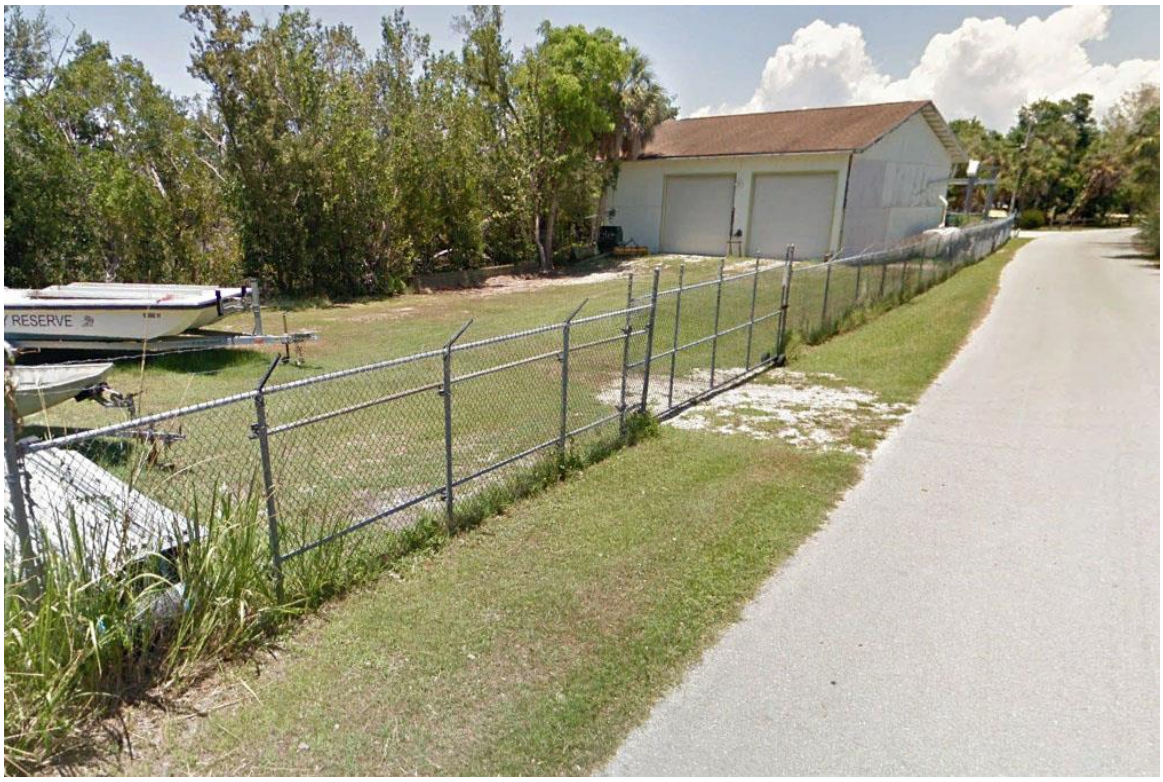

Figure 8. Project parcel, looking north from road. (Google Earth 2019).

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PREVIOUS RESEARCH

Southwest Florida has been a focus of archaeological investigations since the 1880s, although much of the early work was directed toward the recovery of museum quality artifacts rather than understanding cultural processes. Griffin (1988:48-50) discussed some of the very early references to archaeological sites in South Florida. He noted that these early reports were mostly casual observations, and few appear to refer to southwest Florida, but rather refer to the southeast and Key West areas.

Kenworthy's (1883) informal report on shell mounds and ancient canals was one of the first reports on southwest Florida archaeological sites. At about the same time as Kenworthy's investigations, Simons (1884) gave a narrative account of some of the very large coastal shell middens, and Douglass (1885) provided further information about prehistoric canals (although he did not accept that they were prehistoric). One account described a canal near Gordon's Pass that is probably the Naples Canal (8CR59), and another further north may be the Pineland Canal. Douglass' diaries record excavations of a post-contact era site (8CR41) on Horrs Island, as evidenced by the presence of European artifacts (Griffin 1988:50-51). Douglass visited Lostman's River and other areas in the Ten Thousand Island area including Horrs Island (1890).

In 1895 Durnford reported that cordage and other artifacts were recovered from a mangrove muck pond on Marco Island (8CR49). The material was shown to Cushing, who mounted a major project to recover more material from the site. Cushing (1897) reported recovering wood and other perishable artifacts from the muck pond on Marco Island, adjacent to a large shell works and midden village site. Publication of illustrations of the spectacular finds generated a great deal of subsequent interest. Wells M. Sawyer, a young artist accompanying the expedition, produced an excellent and presumably accurate contour map for the entire Key Marco Shell Midden. This map is valuable to present-day efforts in understanding many of the now obliterated features and interpreting (reconstructing) the "architecture" of the shell midden. Widmer (1983) notes that Cushing also focused attention on the nonagricultural chiefdom level of social organization supported by the rich estuary and marine resources, although his anthropological observations have remained overshadowed by the wealth of artifacts.

Moore (1900, 1905, 1907) investigated a number of sites along the Collier/Lee County coast, apparently attempting to find material comparable to Cushing's finds. Although Moore provided information about site locations and general contents, most of his work was extremely crude and uncontrolled, by both contemporary archaeological standards, and by modern standards.

The first attempt to systematically survey and investigate archaeological sites was initiated by Ales Hrdlička, who visited a number of sites along the coast and tidal mangrove estuaries in 1918, focusing on the Ten Thousand Island region (Hrdlička 1922). Hrdlička noted that southwest Florida was a distinct region within south Florida and made an attempt to type sites by function.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Matthew Stirling's (1931, 1933) excavation of a burial mound on Horrs Island represents one of the first controlled excavations in Collier/Lee Counties (although he attempted stratigraphic control, Cushing had little success in his wet site excavation). The site was named the Blue Hill Mound, but it is not recorded under that name in the FMSF (either as a primary or secondary name), so it is unclear exactly which site he excavated, although it was probably site 8CR41 (McMichaels 1982). These reports by Stirling are preliminary, and apparently neither a final report nor a skeletal analysis has been published.

John M. Goggin was the first to define a south Florida cultural area (Glades Area), and describe south Florida ceramics, establishing a basis for later archaeological work. He published an analysis of the ceramic sequence in south Florida (Goggin 1939, 1940). In later reports (Goggin 1947, 1949a, 1949b), he formulated a basic framework of cultural areas and chronologies that is still current (although modifications with additional data have been made, see further discussion below). Goggin (1949b) summarized much of this information in an unpublished manuscript, which Griffin (1988) thoroughly described

Van Beck and Van Beck (1965) excavated three small test pits on Marco Island (at the Marco midden, 8CR48) associated with the Cushing site (8CR49). The resulting publication of this work was some of the first reported scientific archaeological work to come from the southwest Florida area in nearly twenty years (Van Beck and Van Beck, 1965).

In 1967 through 1969, Marco Island was extensively surveyed and a few sites were tested through excavation by Cockrell, Morrell, and others (Morrell 1969). No complete site report was ever published, although an unpublished and incomplete manuscript is available. Some of these sites were discussed in Cockrell's master's thesis (1970). Widmer performed a survey of Big Key, John Stevens Creek, Barfield Bay, Blue Hill Bay, and Collier Bay, which are proximal to Marco Island (Widmer 1974). Widmer eventually utilized his southwest coast experience to write a doctoral dissertation on the Calusa that not only remains a definitive work, but also explored the relationship between subsistence adaptation and cultural evolution (Widmer 1983).

Several archaeologists excavated at Horrs Island in the 1980s. McMichaels (1982) reviewed sites on Horrs Island in a Master's thesis. In 1983, Marquardt began a series of investigations at Josslyn Key, Useppa Island, Pineland, Buck Key, Galt Island in Lee County, and at Big Mound Key in Charlotte County (Marquardt 1984, 1987, 1988, 1992). Marquardt and Russo have investigated Horrs Island in Collier County. A number of the large shell midden village sites they excavated appear to be late Archaic, and they expect to document a more elaborate social organization at these sites and larger sedentary or semi-sedentary population sizes than previously known for that period (Russo 1990, and pers. com

Beriault and colleagues (1981) reported on salvage excavations at Bay West Nursery (8CR200). Their description of the site includes a well known but rare and infrequently documented Early and Middle Archaic use of ponds for cemeteries.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

In 1995, Widmer and Story began excavations at the Key Marco Midden (Widmer 1996). The results of their work appeared in the *Florida Anthropologist*.

PREVIOUS RESEARCH – SHELL ISLAND AREA

The Shell Island Site, 8CR784 is a coastal shell midden complex extending over a roughly 35-acre area along the eastern shore of Rookery Bay. The site is now part of the Rookery Bay National Estuarine Reserve and is the locus of many of the Reserve's Field offices and maintenance buildings.

The Shell Island Site appears in the archaeological literature as early as Alês Hrdlicka's 1918 visit to the area. He describes the site as: "Tom Weeks' Place: About 7 miles southeast of Naples and on the "river" between Naples and Marco, is Crawford's Key, now better known as the "Tom Weeks' Place," and sometimes also called the "Shell Key." The site is mentioned by Mr. Moore as having been seen by him and containing "noteworthy aboriginal shell deposits" (p. 12). There is an old, abandoned house on this place with a dilapidated landing; and there are upwards of 4 acres of "high land," which on a visit proved to consist of six large, oblong heaps and mounds, with some additional artificially made ground in the vicinity. The highest of the mounds is located near the middle of the small island, is at least 15 feet high, and covers probably half an acre of ground. All of these heaps are made up of shells, though they also contain more or less black soil (muck and sand). The surface of a part of the high ground has been affected by plowing, but there was no evidence of any excavation. The whole is plainly a village site, the shell heaps having served as elevated platforms for habitations; and it impresses one as rather sterile, so far as relics and skeletal remains are concerned, in which, however, it would be easy to be mistaken." (Hrdlicka 1918:20-21)

From the time of John M. Goggin in the 1950s into the 1980s there was some confusion concerning the Shell Island-Crawford Place-Tom Weeks Place location by managers of the various site files to the extent that the original 8CR55 designation has been retired and all other designations with the exception of the Kirkland Cemetery on the east end of the complex are now under the blanket designation 8CR784.

In the early 1950s the site was extensively mined for shell for road underlayment creating a large lagoon-like feature at the site's western end and removing upwards of fifty percent of the shell. In the mid to late 1990s Randolph Widmer of the University of Houston conducted a field school at the site for several seasons and presented several papers on his findings at the Southeastern Archaeological Conference (SEAC) together with generating a detailed topographic map of the relatively intact surviving 2-acre shell midden area. The Southwest Florida Archaeological Society performed several minor mitigation projects at the invitation of Rookery Bay Reserve in the 1980s-1990s. Brent Weisman and students of the University of Southern Florida performed exploratory investigations in the sand ridge extending south from the main shell midden in 1998. In 2012 as part of an overall archaeological Phase I assessment of northern Rookery Bay the Archaeological and Historical Conservancy (AHC) conducted an intensive survey of the

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site, creating a GPS-generated bounding of the site and an evaluation of over-all site significance (AHC 2012:129-130)

The core portion of the site likely equaled approximately 25 acres with at least half now destroyed or impacted by dredging and other disturbances. In 2012 Michele Cotty Loger as part of the AHC assessment of sites in the northern portion of Rookery Bay conducted a site bounding using GPS (AHC, 2012, p.131). Her assessment placed the present pole barn Area of Potential Effect (APE) approximately 70 meters east-southeast outside the 8CR784 site bounds.

The current APE is approximately .1 acre rectangular area and lies 40 meters NNE of the Kirkland Cemetery Site, 8CR745 and north of the western end of the Shell Island Road.

The current physical setting of the Pole Barn APE is a level, mowed shell-paved parking lot that is occasionally used to store materials or trailered boats by Rookery Bay Reserve and is bounded to the south by Shell Island Road and to the east by Rookery Reserve offices. The APE is bordered to the north and northwest by Henderson Creek mouth/basin and mangrove swamp areas with a dredged canal-like cutting approaching from the west.

LITERATURE REVIEW

A search was requested on 11/10/22 with the Florida Division of Historical Resources (FDHR) for archives and literature associated with the project area. This included site forms and reports from the Florida Master Site File (FMSF) of previously recorded archaeological sites and cultural resource assessments in and within one mile of the project parcel (Table 1).

Table 1. Literature Review Summary

Previously Recorded Sites:	
Within Project Parcel	0
Within One Mile of Project Parcel	9
Previous Assessments:	
Within Project Parcel	0
Within One Mile of Project Parcel	5

A review of Florida site files and archives determined that no previously recorded cultural resources occur within the project parcel. Nine archaeological sites occur within one mile of the parcel.

A review of the state report files indicated that five cultural resource assessments were previously conducted within one mile of the project parcel (Table 3).

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Table 2. Previously Recorded Sites Summary[1]

Site No.	Site Name	Site Type	References	In Survey Parcel	Outside of Parcel
8CR716	Hall Bay Cabin	Historic homestead/home site	*AHC, 2012*		X
8CR717	Bolger Place	Historic home site	*AHC, 2012*		X
8CR745	Kirkland Cemetery	Historic Cemetery	*AHC, 2012*		X
8CR778	Ernie Carroll Site	Prehistoric shell and artifact scatter	*AHC, 2012*		X
8CR782	Hall Bay #2	Historic homestead/refuse scatter	*AHC, 2012*		X
8CR784	Shell Island	Coastal Shell Midden Complex	*AHC, 2012*		X
8CR849	Shell Island Homesteads	Historic homesteads and associated features	*Seinfeld, Florida Division of Historic Resources, 2016*		X
8CR1103	Shell Island Outer Mound	Sand mound	*AHC, 2012*		X
8CR1397	Rookery Bay Reburial	Respectful reburial as per Seminole Tribal guidelines	*Seinfeld, Florida Division of Historic Resources, 2015*		X

Note: [1]Based on sites within or within one mile of the project parcel, standing structures and Resource Groups within 500 feet.

Table 3. Previous Cultural Resource Assessments[1]

Survey No.	Date	Author	Title	In Parcel	Out of Parcel
1108	1986	Florida Preservation Services	Historical/Architectural Survey of Collier County, Florida.		X
3904	1995	C.A.R.L., Bureau of Archaeological Research, Division of Historic Resources	An Archaeological Inventory of the Rookery Bay C.A.R.L. Project.		X
8807	2003	C.A.R.L., Bureau of Archaeological Research, Division of Historic Resources	Rookery Bay Conservation and Recreation Lands (CARL) January 2003 Field Project.		X
19738	2012	Archaeological and Historical Conservancy	A Phase I Cultural Resource Assessment of the Northern Part of Rookery Bay National Estuarine Reserve, Collier County, Florida.		X
22315	2015	Seinfeld, Daniel M.	Reburial at Rookery Bay National Estuarine Reserve (8CR1397).		X

Note: [1]Based on assessments within one mile of the project parcel.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Figure 9. USGS map showing all previously recorded archaeological sites within one mile of the project parcel.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

CULTURAL SUMMARY

Stirling was the first to distinguish the indigenous prehistoric cultures of southern Florida in 1936 by defining a Glades cultural area, including all of south Florida (Carr et al. 1994b:9; Milanich 1994:5-6). Griffin (1988) pointed out that this was not formulated as a strict cultural area, but it was rather a geographic region with some common cultural traits. Kroeber (1939), in a review of North American prehistory, utilized a slightly different term, the "South Florida Area," basing his definition on both environmental and cultural factors. Subsequently Goggin delineated more particular boundaries for southern Florida and divided the region into three sub-areas: "Okeechobee" around Lake Okeechobee, "Tekesta" for southeast Florida and the Florida Keys, and "Calusa" for Southwest Florida (Carr et al. 1994b:10; Goggin 1947:114-127).

Following Goggin's study, subsequent researchers have refined or altered the cultural distinctions attributed to southern Florida's prehistoric populations. There has been criticism that Goggin's names and definitions were based on historic accounts of the main (proto) historic groups found in the respective regions and not on the archaeological evidence of spatial, temporal, and cultural differences (Sears 1966; Griffin 1974; Carr and Beriault 1984; Griffin 1988). Griffin, in particular, questioned the distinctions. He believed that South Florida cultures varied only by local environmental conditions and ceramic exchange rates. Griffin believed the inhabitants of prehistoric southern Florida were mainly dwelling on the coast and that the interior was nearly uninhabited and under-utilized. Griffin designated the entire southern Florida region as the "Circum-Glades" area (Eck 1997:5; Griffin 1974:342-346). This new designation for the area was furthered by a widely circulated book on Florida archaeology by Milanich and Fairbanks (1980). Griffin later (1988) retreated to some extent from his earlier position as further research (particularly by Ehrenhard, Carr, Komara, and Taylor in the Big Cypress and Carr in the eastern Everglades in the 1970s and 1980s) showed abundant sites (and concomitant use and habitation) in the interior and Everglades.

Carr and Beriault, in particular, have taken issue with the concept of a Circum-Glades region. Carr's research in the Big Cypress and Everglades and his subsequent analysis demonstrating variation of key cultural markers (particularly in decorated ceramics) formed the basis for this contention. There is abundant evidence for cultural (and probably political or tribal) diversity in the various areas of south Florida. Carr and Beriault particularly noted and defined differences between the lower southwest Florida coast, which they termed the "Ten Thousand Island" region, and the area to the north, which they called the "Caloosahatchee" region. This latter area they believed to be the seat of the historic Calusa chiefdomship, although previous (and some subsequent) researchers have called the entire southwest Florida from Cape Sable to the Cape Haze peninsula (and beyond) in Charlotte County "Calusa."

Griffin, in his definitive 1988 synthesis on Everglades archaeology, attempted to reconcile and refine some of the conflict in the definition of south Florida prehistoric and historic culture areas. As stated by Carr and colleagues (1994b), "the issue...appears in part to be one of trying to determine the significance of regional and temporal variation, rather than whether these differences are real." There is evidence that changes through

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

time in regional political affiliations or realties makes any model *not* addressing this complex issue two-dimensional. The Calusa hegemony that was in place by the time of the arrival of Europeans may have begun as early as 800 AD in the Ten Thousand Island "district" or area (Griffin 1988:321; Carr et al. 1994b:12). There is currently ongoing research to further refine present thought as to cultural affiliations in south Florida. It would seem only a matter of time before new directions and emphases provide a more accurate summation of south Florida cultural affinities.

Using the present models, the coastal zones of Collier County and southern Lee County contain three distinct culture areas. Indian Hill on Marco Island lies thirty miles from the projected interface by Carr and Beriault (1984) of the Caloosahatchee area (called the "the 'heartland' of the Calusa," Carr et al. 1994b:12) to the north, and the Ten Thousand Islands area to the south. At a yet undefined point to the east lies the Okeechobee cultural area, but the boundary, if it is a definite, fixed one, is likely to occur in the vicinity of the Immokalee rise forty miles or more to the northeast of Indian Hill. Further work is in progress by Carr to address the issue of where the southwest boundaries of the Okeechobee culture area occur.

At the same time that the south Florida archaeological cultural models have evolved over the past 60-plus years, so have the temporal markers or framework on which we base evolution of that culture. Much of this latter effort has resulted from comparisons made between the recovered artifacts from the 100-year period of scientific and nonscientific excavation and collection by the various individuals and institutions (and others) enumerated in part above. This Floridian effort must be seen against the broader background of archaeological work in eastern North America and the New World as a whole. All of these efforts have been mutually complimentary and certainly not exclusive.

In south Florida, the following periods and adaptations are generally accepted. Part of this chronology involving the later or Formative period is called the Glades sequence in honor of Goggin, the greater part of whose work in defining the ceramic sequence or markers has withstood the test of time and subsequent criticism (Goggin 1939, 1947, 1949c). From Goggin's day to present, pottery variability in form, substance, and decoration has proven useful for providing time markers, at least during the archaeologically-brief (± 3500 year) period spanning the late Archaic and Formative periods that it was produced. Other artifact types and their variations have, to present, proven somewhat less reliable as absolute indicants of prehistoric age. Radiocarbon dating, a phenomena of the last 30-plus years, provides, within the standard deviation expressed in plus-or-minus years BP (before present), a relatively absolute date for a given sample and provides a yardstick to measure traits or distinctions in provenienced artifacts. Determining and adequately defining what traits we can discern against this absolute is part of the ongoing function of the regional archaeological effort.

The following information is generalized and abbreviated. The dates are approximate; transitions between periods are in reality more gradual that the manner they are expressed for convenience.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

PALEO PERIOD (14,000 - 8,500 BP)

During the Paleo Period, the first Native Americans began moving into the southeastern portion of North America and Florida. Most evidence of their presence in Florida can be reliably dated to about 10,000 BP.

There are no known Paleoindian sites in Collier County. Several are documented from elsewhere in south Florida, including Warm Mineral Springs and Little Salt Springs in Sarasota County (Cockrell and Murphy 1978; Clausen and Gifford 1975), Harney Flats in Hillsborough County (Daniel and Wisenbaker 1987) and the Cutler Fossil Site in Dade County (Carr 1986).

During this period, the terminal Wisconsian ice age, the climate was probably less extreme, with cooler summers and warmer winters. The climate was also drier, and sea levels were lower (Carbone 1983; Allerton and Carr 1988a; Griffin 1988).

One reason that possible Paleo period sites have not been discovered in Collier and Lee Counties is that the shoreline may have been as much as 100 miles further west due to lower sea levels. Drier conditions may have made the interior very inhospitable, and the shallow estuarine and littoral sites that existed were flooded by post-ice age Holocene sea rises.

Any possible interior sites from the Paleo Period may be difficult to detect due to lack of diagnostic artifacts, subsequent reuse of site areas, low population density, and few permanent camps. These and other factors may help explain the absence to date of identifiable Paleo period sites in Collier and Lee Counties. On the other hand, the southwest Florida coast south of Charlotte Harbor may have been uninhabitable during this period due to an absence of key conditions for the successful hunting of large game, a trait of the Paleo period.

ARCHAIC PERIOD (8,500 - 2,500 BP)

The Archaic period reflects a post-Pleistocene shift in adaptation marked by an increase in the seasonal exploitation of a broad spectrum of food resources, a more restricted use of territory due to regional specialization, and more semi-sedentary habitation sites. No ceramics are known until the Late Archaic. During the Archaic, regional specializations became more marked, not only with material culture but also with distinct local utilization of local plant and animal resources.

As mentioned above, there is, as yet, no firm evidence of human presence in southwest Florida during the Paleo period. This apparently is also true for the Early Archaic (8500-7000 BP), as there is evidence of an environment too arid to support scrub oak, and the presence of shifting wind formed dunes (Watts 1975; Widmer 1983). No early Archaic sites are known from southwest Florida (Allerton and Carr 1988:14).

By about 6500 BP mesic conditions began to spread, although localized xeric conditions continued (and still exist in some areas) through south Florida. Middle Archaic sites dating from this time are rare, although the Bay West Nursery site (8CR200) in Collier

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

County and the Ryder Pond site (8LL1850) in Lee County near Bonita Springs provide evidence of occupation, as do several sites in southeast Florida. The Bay West site is a Middle Archaic cypress pond cemetery, associated with a lithic scatter. The Ryder Pond site is a similar mortuary pond site surrounded by pine flatwoods (Carr and Heinz 1996). Beriault has also recorded several aceramic shell scatters in coastal sand hills (paleo dunes), some of which may date to the Middle Archaic. Griffin (1988) summarizes evidence indicating that despite the rise of available surface water, brackish estuaries and other major modern landscape features had not formed, and population (or repopulation) was still sparse.

During the Archaic period sea levels began to rise at a fairly rapid rate, estimated at 8.3 cm. per 100 years 6000-3000 BP, and 3.5 cm per 100 years afterwards (Scholl et al. 1969), although whether sea levels were steadily rising or oscillating is still unclear (see Griffin 1988; Allerton and Carr 1990 for recent reviews of the literature). Data is somewhat difficult to sort out as sea level rise was accompanied by both shore regression and transgression in places. As conditions became wetter (and warmer) in the interior, cypress swamps and hardwood sub-tropical forests established themselves by about 5000 BP (Carbone 1983; Delcourt and Delcourt 1981).

By late Middle or early Late Archaic times (4000 years BP) there were significant shell mounds and middens on Horrs Island, Marco Island, and elsewhere in the coastal regions, suggesting that the estuary system had been established and was being utilized to provide the subsistence basis for denser populations and semi-sedentary settlements (Morrell, 1969; Cockrell, 1970). At Useppa Island in Lee County, excavations have provided radiocarbon dates from pre-ceramic shell middens ranging between roughly 4900 BP and 5600 BP, suggesting that the Middle Archaic as well as Late Archaic periods saw a growing dependence on shellfish resources (Milanich et al. 1984). There are aceramic coastal sand hill and interior wetland sites as well, but these have not been demonstrated to be Archaic despite some investigators equating aceramic with preceramic. Radiocarbon dates for these sites would clarify this point.

Allerton and Carr (1988) noted that a number of stratified sites in the wet mangrove and marsh areas of the Everglades, as well as on Horrs Island, contain Archaic preceramic horizons, although it is unclear if aceramic was equated with preceramic. Additional supporting evidence of interior use by Archaic peoples will provide a new dimension to the archaeological understanding of Archaic resource utilization. Allerton and Carr point out that if the wet tree islands were initially used by Archaic people, then at least some of the hardwood hammocks in swamp environments were raised in elevation (with subsequent changes in vegetation) due to human activities. Post-Archaic people extensively utilized these hammocks and continued to advance their development as distinct geomorphic features. This is obviously an area where additional archaeological investigations have a potential to contribute to understanding the interaction of geomorphic and cultural evolution in southwest Florida.

Toward the end of the Archaic there was the introduction of fiber-tempered pottery into the archaeological record, often used as a marker of the Orange Phase, commencing at about 4000 BP, either coincident with or soon after the development of the extensive

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

shell middens. The Late Archaic Orange Phase subsistence strategy is characterized by intensive use of shellfish and marine resources, as well as being marked by an accelerated trend toward regional specializations.

A number of the large shell middens on Marco Island (Cockrell 1970), Horrs Island (Russo n.d.), Cape Haze (Bullen and Bullen 1956), and elsewhere date from this period or earlier, as they contain fiber-tempered ceramics, although there are known aceramic (preceramic?) levels below the Orange Phase deposits that may date to the Middle Archaic. These shell middens are usually capped by deposits from later occupations as well.

FORMATIVE STAGE OR GLADES PERIODS (2500 BP - 500 BP)

The Formative or Glades adaptation, based on hunting, fishing, and the harvesting of shellfish and plants, was similar to the Archaic, but was characterized by increasing specializations in gathering strategies and tool-making. Earlier writers have typed this hunter-gatherer society as primitive or "low-level" (Kroeber 1939). However, there is certainly evidence from the specialization of tools, from the beautifully-executed wood carvings from Key Marco in Collier County and those from Fort Center near Lake Okeechobee (Cushing 1897; Sears 1982), and from the historic accounts of the Calusa hegemony, that the south Florida area had an advanced culture that Goggin (1964) has called a "stratified non-agrarian society."

The preceding Late Archaic late Orange phase (also known as the transitional phase) was marked by changes in pottery, and terminated with the relatively rapid replacement of fiber-tempered pottery with sand-tempered, limestone-tempered, and chalky "temperless" pottery. It was also characterized by changes in ceramic style and often by reduction in the size of stone projectile points.

The Formative Stage (beginning about 2500 BP) is divided in south Florida into the Glades Periods sequence. Subsistence adaptation is marked by a narrowing spectrum of resource use, as well as continued trends toward regional diversity and ecological specializations, marked in part by the proliferation of inland resource extraction encampments.

Formative Period cultural evolution eventually led to increased political sophistication, perhaps initially of modest dimensions, but culminating in broad regional political alliances and regulation of materials and goods (i.e. resources) between the coast and inland areas (Milanich and Fairbanks 1980). By protohistoric and contact times the Calusa were the dominant tribal group, gaining broad political influence and at least partial control over much of south Florida as far north as central Brevard County. Historically, the main Calusa village has been regarded as "Calos" on Mound Key in Estero Bay in Lee County, although 50 to 70 large villages were under direct Calusa control by contact times (Griffin 1988).

During the Formative Periods, village sites grew to the proportions of large multi-use complexes, particularly along the coast and barrier islands of southwest Florida. Some of

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the projected intra-site functions of the elements of these complex shellworks were as temples, canals, causeways, temple and platform mounds, courtyards and watercourts. Current research involving the excavating of large contiguous areas of these shell mound complexes is beginning to establish demonstrable uses for the features of these large sites, upon which heretofore were merely speculated (Widmer 1996).

Tidal estuary rivers and inland hammocks along deep water sloughs, marshes, and permanent ponds were seasonally visited for extraction of natural resources, and are now marked by small to relatively large black dirt middens, some of which may have been semi-permanent hamlets. The pine and cypress flatwoods appear to have supported few sites, although areas around Lake Trafford and other rich interior areas developed substantial sites, including sand mounds, and may be more similar to the Okeechobee cultural area than to the coastal cultures.

In 1992, Dickel and Carr excavated a Deptford Period burial mound (the Oak Knoll Site) in the Bonita Bay Tract north of the Imperial River. Exotic trade items and seventy or more human burials were among the material findings. The resulting conclusions and subsequent surveying and testing of the Bonita Bay Shell works (8LL717) suggest social stratification and complexity may extend further back into the past than the Formative period (Dickel and Carr 1992).

Coastal sites (shell middens) reflect a predominate dependence on fish and shellfish, wild plant foods and products, and larger inland game. The inland sites show a greater reliance on interior resources, including large, medium and small mammals, turtle, small freshwater fish, alligator, snake, frogs, and, sometimes, freshwater shellfish. Interior and coastal resource exchange can be documented by the consistent finds of moderate amounts of marine shell in many interior middens, as well as interior resources in coastal middens.

The Formative Stage (with a nod to Goggin) has been often termed the Glades cultural tradition. Much of this “tradition” is focused on decorated ceramics, the minority in the archaeological record, although the majority of recovered (rim) sherds are plainware. However, despite this, pottery (and its decorations) is usually utilized as the major temporal marker(s) for fitting sites into a temporal framework. Changes in pottery do not represent mere changes in artistic motifs, but reflect inter- and intra-regional trade contacts and outside cultural influences (possibly through exogamy, shifting of populations, and even the through evolution of a culture through time). Whatever the influences, the Glades tradition is continuous from post-Archaic times to contact times.

Despite the fact that exogamy is likely to have been practiced, traders or other specialists probably moved between major cultural areas in small numbers, and genetic flow probably accompanied cultural exchange, although perhaps not on the same scale. This may have increased in later times due to use of traditional obligations of kinship and intermarriage to stabilize alliances that were not codified into a formal legal system.

The following table has been modified from several sources, but it is predominantly based on Milanich and Fairbanks (1980), Griffin (1988), and Allerton and Carr (1990).

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Dates have been rounded somewhat and translated to Before Present (BP). There are some differences of opinion in the dates, particularly about the timing of the Glades Ia and Ib division.

Table 1: Glades Cultural Sequence

Glades Ia (2500 BP - 1500 BP)	First appearance of sand tempered plain pottery, but little else to mark a difference and the preceding Late Archaic. Sand tempered plain remains a predominate type throughout the Glades sequence.
Glades Ib (1500 BP - 1250 BP)	First appearance of decorated sand-tempered ceramic (Ft. Drum Incised, Ft. Drum Punctated, Cane Patch Incised, Turner River Punctate), plainware common. Pottery rim grooving and incision decorations become widespread.
Glades IIa (1250 BP - 1100 BP)	First appearance of Key Largo Incised, Sanibel Incised, Miami Incised, and plainware is common. Distinction between ceramics of southeast and southwest Florida becomes apparent. Ten Thousand Island area distinct from Caloosahatchee area. First mound construction- increased social stratification? Population size may have approximated that at contact.
Glades IIb (1100 - 1000 BP)	First appearance of Matecumbe Incised; Key Largo Incised common on east coast, Gordon's Pass Incised common on the west, and plainware common throughout.
Glades IIc (1000 BP - 800 BP)	First appearance of Plantation Pinched, but few decorated wares with a preponderance of plainware (there is some evidence of population reduction- perhaps due to a cataclysmic event). Non-local pottery (*e.g.* St. Johns Plain and Check Stamped, Belle Glade Plain) appears.
Glades IIIa (800 - 600 BP)	First appearance of Surfside Incised, increasing quantities of St. Johns pottery (especially on East Coast), and Belle Glade pottery.
Glades IIIb (600 BP - 500 BP)	Glades Tooled rims appear (rare on West Coast), zoned punctate designs, but general decline in incised decoration. Belle Glade ceramics common

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

	on west coast. St. Johns ware present but rare on West Coast, common on East Coast.
Glades IIIc (500 BP - 300 BP)	Continuation of IIIb ceramics, with pronounced flaring of rims and embossing on Glades Tooled ceramics. Mound burial construction less common with intrusive burials into existing mounds, appearance of European goods, plainware common.

By European contact times (the first half of the 16th century), the southwest coast of Florida was maintaining a vigorous, possibly expanding political chiefdom with a broad network of alliances, as well as a rich and ancient cultural tradition without an agricultural base. However, direct conflict with Europeans and, more importantly, exposure to European diseases led to the rapid decline of the Calusa. By the mid 1700s their numbers had greatly diminished. The remnants of this once-powerful tribe may have left south Florida in the 1760s with the Spanish for relocation in Cuba. Others may have become indistinguishable from Spanish Cuban fishermen who worked the great fishing "ranchos" in the Pine Island Sound region catching and salting fish for export to Cuba. Other groups of Native Americans may have fused with the Creek-derived Seminoles.

In the late 1700s, members of the Creek tribe were forced into Florida from Georgia and Alabama. They were later called Seminoles, from the Spanish term "cimmarones." Pressures from colonial (and later) white encroachment on their traditional territories forced them into the Big Cypress and Everglades area by the 1830s. By this time, most of the cultural identity of pre-contact times had been lost, although some of the Calusa subsistence strategies may have been partly adopted by Seminoles. A number of Seminole period sites have been documented on earlier Glades middens. This coincidence may in part reflect the paucity of high land in the interior (Ehrenhard et al. 1978, 1979, 1980; Ehrenhard and Taylor 1980; Taylor and Komara 1983; Taylor 1984, 1985). Older midden sites (particularly those called "black dirt" middens) can be rich agriculturally as well as archaeologically, making these foci for historic Seminole gardens and fruit groves.

Seminole periods in south Florida are divided into I (1820-1860), II (1860-1900) and III (1900-1940) (Ehrenhard et al. 1978). Post-1940 Seminole camps are designated "Late Seminole" in some reports. These designations reflect the different stages of Seminole migration into south Florida, Seminole displacement and active conflict with the expanding American culture, and the eventual refuge by Seminole remnants in Big Cypress and Everglades regions. Military records, and, in particular, several sketch maps by military personnel done in the 1830s and 1840s and the Ives military map of South Florida (1856) shows evidence of investigations at and near "Malco Inlet," "Casimba," "Good Land," and "Cape Romans."

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

THE SEMINOLE WARS IN SOUTHWEST FLORIDA

The advent of the Second and Third Seminole Wars (1834-38, 1855-58) disrupted the peaceful settlement of the Southwest Florida region. There were a number of forts, "temporary" and permanent, established along the Caloosahatchee River during this time. Fort Dulaney was established at Punta Rassa near the mouth of the Caloosahatchee in 1837 and was occupied intermittently through 1841, and again in 1855. After a hurricane destroyed Ft. Dulaney in 1841, Fort Harvie was established upriver. The name of this fort was changed in 1850 by its commander General Twiggs to honor his new son-in-law, Col. Abraham Myers. Fort Myers was thus created, and became the chief fort of the region.

From this central administrative point, a line of forts was established up the Caloosahatchee River. They were: Fort Denaud, Fort Adams, Fort Thompson, and Fort Center on Fisheating Creek leading into Lake Okeechobee. Other forts and "temporary depots" were established south into the Big Cypress Swamp such as Fort Simon Drum, Temporary Depot Number One, Fort Doane, Fort Simmons, Fort Keis, Fort Foster, Fort Shackleford, and others.

A number of military expeditions were sent south along the coast during the Second and Third Seminole Wars with the objectives of interdicting trade in guns and ammunition between the Seminoles and the Spanish-Cuban fishing community, and hunting and capturing Indians. General Thomas Lawson, who had just been appointed Surgeon General of the United States, commanded one of the early notable expeditions. Lawson's expedition left Fort Harvie (Fort Myers) in February 1838. Elements of Lawson's command explored the area in and around the Caxambas Point area, discovering two abandoned Indian villages in the Blackwater River/Palm Bay area. Other expeditions bivouacked at Cape Romano and Caxambas Point. Colonel Rogers, of the ill-fated Parkhill expedition, wrote several dispatches from Cape Romano in the Caxambas area in 1858, describing the ambush of Captain Parkhill's party at the headwaters of Turner River. The Collier County Museum is the repository for a collection of military artifacts purportedly found by a local collector near Indian Hill in the early 1960s. This material may have originated with one of the various military expeditions stopping at Caxambas Point.

SHELL ISLAND/ROOKERY BAY AREA HISTORY

The Rookery Bay area has always been attractive to people from both prehistoric and historic times. There is evidence from military maps of Seminole Wars period that several Seminole villages and encampments were located in the general area. By the 1880s white settlers and homesteaders such as the Whiddens, Carrolls, Crawfords, and Kirklands had settled the area of Henderson Creek immediately south of Rattlesnake Hammock. There is evidence from the European Contact Period that the local Indians and/or Europeans were utilizing Rookery Bay. Four sites there have yielded Spanish

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Olive Jar fragments, fragments of large glass demijohns, colonial Missionware and what is likely a type of Aztecware or colonial ceramics made in the New World.

The Seminole Wars followed by the Civil War prevented wholesale white settlement in southwest Florida, but by the 1870s homesteaders and other settler. were rapidly entering the region. Three Homestead Acts were enacted by Congress from 1862 to 1916, the most relevant to South Florida was the Homestead Act of 1862 which granted applicants that were over twenty one, citizens or naturalized citizens and who had never taken up arms against the United States up to 160 acres of land. Additional to these homesteader were temporary occupants or squatters, some of whom played important roles in area history such as John Weeks, one of the area's first white settlers.

Three steps were required to obtain a land deed by homesteading: file an application; improve the land; and filing for a deed after five years. Some of the core requirements were physically occupying and living upon the property and showing evidence of improvements and presenting four adult witnesses, usually neighbors to attest to same.

Property Record obtained from Lee County by Matthew Betz shows at least ten local homesteaders obtained land grants in Rookery Bay from c 1880s through the 1920s (Betz, personal communication). These individuals ranged in age from their 20s to age 66. One man was a naturalized citizen born on Grand Bahama Island. Most of the individuals filed at the Land Office in Fort Myers with the applications tendered to the office in Gainesville. All the applications had corroboration by witnesses that the applicants had fulfilled the homesteading requirements. Additionally all notable improvements to the holdings were enumerated and other details as to the individuals' personal circumstances given such as marital status, occupation, size of family. Many of the attesting witnesses appear repeatedly on the filings for deed of title showing the small size and interconnectedness of the Rookery Bay pioneer community.

The land-use patterns in the Rookery Bay area varied from settler to settler and were initially performed over a five-year period in the case of individual families and people seeking formal title to the land. More is known about specific improvements and changes to the property owned by homesteaders as part of the application for title was to detail improvements. Many of the pioneers purchased their land outright and lack the dimension of information detailed in homestead application records.

All or most of the homesteaders constructed a permanent habitation, usually a wood frame structure with many of these having a breezeway connected to a detached kitchen, a precaution against fires. Many of the roofs were or cypress or cedar split shingles and later of galvanized sheet roofing. Most but not all structures were elevated off the ground by cast concrete piers or cut lightered pine posts. Several homesteads boasted stables or auxiliary outbuildings that were sheds, vegetable packing houses or shops. Several homesteads had boat ways such as the Sam Williams Place where boats were repaired or constructed.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Nearly all homesteads had docks or areas to beach boats. At least two settlers had large sea-going vessels and transported vegetables and supplies back and forth to Key West or Fort Myers and likely had sizable docks to accommodate those..

All settlers cleared a portion of their land variable in size from an acre or so to over ten acres, the average being 3-5 acres. Many homesteaders grew seasonal crops, usually winter vegetables. Many maintained fruit groves with mangos, coconut palms and citrus, usually oranges being the types of fruit crops. Many of the homesteaders gave a careful detailing of the number of crops they had grown and whether they were successfully harvested or whether cold weather or some other factor had destroyed the crop.

Less than half the homesteads had constructed tabby or concrete cisterns, and it is believed there may be more drilled wells than the several recorded instances supplying water or large barrels and containers used like the cisterns to catch and preserve rainwater from off the roofs. The absence of cisterns may be explained by yet-unrecorded wells.

The early settlers resorted to trash pits or the dumping of trash in the estuary off the property. Many exposed concentrations of refuse were simply trash piles a short distance from the housesites. Many of the glass bottles in evidence were patent medicines, others held spirits.

There are few evidences of formal cemeteries though the grave markers and other evidences may have long vanished. The one formal cemetery is the Kirkland Cemetery on Shell Island, and a feature on Cannon Island with a raised concrete edging may represent another prospective gravesite. The Bartell Site contains the unmarked grave of Mr. Bartell whose decomposed body was discovered and hastily interred near his camp in an unknown location. The absence of graves may be due in part to the presence of nearby churches and cemeteries on Marco Island.

The presence of “polite” ceramics such as bone china or ornate decorative glassware is likely evidence of the presence of women on many of the homesites as is the presence of certain patent medicines for certain “complaints”.

The homestead records and census give information as to marital status, size of families, the presence and number of children, ethnicity, age and occupation of the inhabitants. Incidental information may speak of health and if the occupant was divorced.

Most of this first wave of homesteading and pioneering settlers had left Rookery Bay by the 1930s. Many had moved to Naples or Marco Island where civilized amenities were more easily obtained. In the 1960s the Conservancy of Naples made a concerted effort to purchase portions of the Rookery Bay area to preserve it. Eventually the holdings were consolidated as the Rookery Bay National Estuarine Reserve. Rookery Bay now has an annual visitation by tourists and local residents of Collier County in excess of a hundred thousand visitations a year. Sportsmen and recreational visitors intensively use the Reserve while natural resources are preserved and conserved.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

The area surrounding Rookery Bay today is experiencing increasing density of development with condominium communities and upscale single family home construction being created along the U.S. 41 (Tamiami Trail)/CR 951 (Collier Boulevard) corridor.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

METHODOLOGY

Prior to conducting fieldwork in the project parcel, relevant archives and literature were reviewed. This included studying previous archaeological reports for sites in Collier County, reviewing information from the Florida Master Site File concerning nearby sites, and examining USGS maps of the project area. Also, black and white as well as color aerial photographs of the project area, which could aid in revealing anthropogenic changes to the topography and floral communities, were interpreted.

RESEARCH DESIGN

The principal project goal was to locate and assess all historical or archaeological sites on the subject parcel. This Phase I cultural resource assessment incorporated the use of certain predictive models based on topographic and vegetative attributes that are associated with prehistoric and historic sites in coastal Collier County. These models postulate that tropical live oak and cabbage palm hammocks in close proximity to known shell midden mound complexes and drainage sloughs and marshes are medium to high probability areas for archaeological sites. The project parcel was determined by review of vintage aerial photographs dating back to 1962 as having no discernable hammocks or other uplands and was likely filled/altered mangrove lowland adjudged to have a low probability for archaeological resources.

FIELDWORK

A total of six shovel tests were excavated across the project parcel in two east-west transect at 15 meter intervals. All shovel tests measured 50cm in diameter and were dug to a depth of 100cm where possible. All dug sediments were screened through ¼”-mesh hardware cloth. All test hole locations will be fully documented including GPS coordinates using a hand-held Garmin.

COLLECTIONS

No archaeological materials were observed or collected.

INFORMANTS

Rookery Bay personnel including Steve Bertone and Jeff Carter who reported that no known sites occur on the project parcel. .

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Figure 10. Aerial photograph showing shovel test locations.

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RESULTS AND CONCLUSIONS

No historic or archaeological sites were found as a result of this Phase I cultural resource survey of the 0.1-acre Rookery Bay Pole Barn parcel. AHC made a TRS Search Request and received a response November 10, 2022 and reviewed the AHC files on the site, determining that the APE lay outside currently recognized site boundaries. A TRS review with the Florida Division of Historic Resources indicated that no previously recorded archaeological sites lay within the project parcel. The parcel area was determined to be of low probability for archaeological sites because the parcel is located in a filled wetland with no historic uplands occurring.

A total of six systematic test holes were dug throughout the parcel (Figure 11). All shovel tests revealed deep fill and dredged soils to a depth of over 3ft. Ground water intrusion occurred at approximately the same depth (Figure 12). This indicates that the project APE occurs within an area of reclaimed wetland. No cultural materials were observed or collected.

It is the consultant's opinion that no archaeological or historic sites considered eligible for listing on the National Register of Historic Places occur within the project APE. Although a systematic effort was made to document sites on the subject parcel with negative results, there is a small potential of archaeological features or artifacts occurring. Should subsequent development reveal this, the consultant archaeologist and FDHR should be notified and efforts made to document these resources. If human remains are uncovered then the provisions for Florida Statute 872.05, the Unmarked Human Graves Act, will apply.

Figure 11. Sample of shovel test wall profiles showing deep fill and dredge to below the water table.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

REFERENCES CITED

Archaeological and Historical Conservancy
2012 A Phase I Cultural Resource Assessment of the Northern Part of Rookery Bay National Estuarine Reserve, Collier County, Florida. Survey #19738 on file, Division of Historic Resources, Tallahassee, Florida.

Beriault, JG
1973 A Preliminary Report on the Area Known as the Collier-Coral Ridge Tract, Southwest Florida. Unpublished Ms, on file at FMSF, Tallahassee and AHC, Miami.

1982 A Preliminary Report on Stratigraphic Excavations at Addison Key, Collier County, Florida. Unfinished MS.

1986 Report and Recommendations Concerning the Barron Collier Company Tract on Chokoloskee Island, Collier County, Florida, MS on file, AHC.

Beriault, JG, RS Carr, J Stipp, R Johnson, and J Meeder
1981 The Archaeological Salvage of the Bay West Site, Collier County, Florida. In *Florida Anthropologist 34*(20):39-58.

Beriault, JG and C Strader
1984 A Preliminary Report on Stratigraphic Excavation on Chokoloskee Island, Florida. Southwest Florida Archaeological Society, MS on file, AHC.

Bullen, RP and AK Bullen
1956 Excavation on Cape Haze Peninsula, Florida. *Contributions of the Florida State Museum. Social Sciences I,* Gainesville, Florida.

Carbone, VA
1983 Late Quaternary Environments in Florida and the Southeast. *The Florida Anthropologist 36*:3-17.

C.A.R.L. Bureau of Archaeological Research
1995 An Archaeological Inventory of the Rookery Bay C.A.R.L. Project. Survey #3904 on file, Division of Historic Resources, Tallahassee, Florida.

2003 Rookery Bay Conservation and Recreation Lands (CARL) January 2003 Field Project. Survey #8807 on file, Division of Historic Resources, Tallahassee, Florida.

Carr, RS
1986 Preliminary Report on Excavations at the Cutler Fossil Site (8DA2001) in Southern Florida. *The Florida Anthropologist 39*:231-232.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Carr, RS and D Allerton
1988a An Archaeological Survey of North Keewaydin Island, Collier County, Florida. Archaeological and Historical Conservancy, Miami, Florida.

1988b An Archaeological and Historical Assessment of the Goodland Marina Project Tract, Collier County, Florida. MS on file, Archaeological and Historical Conservancy, Miami, Florida.

Carr, RS and JG Beriault
1984 Prehistoric Man In South Florida. In P.J. Gleason (editor), *Environments of South Florida: Present and Past II*. Coral Gables: Miami Geological Society, Florida. pp. 1-14.

Clausen, C and J Gifford
1975 Florida spring confirmed as 10,000 year old early man site. *The Florida Anthropologist 8* (3), Part 2.

Cockrell, WA
1970 Glades I and Pre-Glades Settlement and Subsistence Patterns on Marco Island (Collier County, Florida). M.A. thesis of file, Florida State University, Tallahassee, Florida.

Cockrell, WA and L Murphy
1978 Pleistocene Man in Florida. *Archaeology of Eastern North America Vol. 6*. Newark, Delaware: Eastern States Archaeological Federation.

Cushing, FH
1897 Exploration of Ancient Key-Dwellers' Remains on the Gulf Coast of Florida. *Proceedings of the American Philosophical Society,* Philadelphia 35 (153): 1-329-448.

Daniel, RI and M Wisenbaker
1987 *Harney Flats.* Baywood Publishing Company, Farmingdale, New York.

Delcourt, PA and HR Delcourt
1981 Vegetation Maps for Eastern North America: 40,000 Years B.P. to Present. In R.C. Romans (editor) *Geobotany II.* New York: Olenum Publishing Press.

Dickel, D and RS Carr
1992 Archaeological Investigations at Bonita Bay Properties, Phase II. Lee County, FL. *AHC Technical Report #49*.

Douglass, AE
1885 Ancient Canals on the South-west Coast of Florida. *American Antiquarian 7*:227 285.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

1890 Mounds in Florida. *American Antiquarian 12*:105-107.

Durnford, CD
1895 The discovery of aboriginal netting, rope, and wood implements in a muck deposit in west Florida. *American Naturalist 29*: 1032-1039.

Ehrenhard, JE, RS Carr, and RC Taylor
1978 *The Archaeological Survey of Big Cypress National Preserve: Phase I.* National Park Service, Southeast Archaeological Center, Tallahassee, Florida.

1979 The Big Cypress National Preserve: Archaeological Survey Season 2. National Park Service, Southeast Archaeological Center, Tallahassee, Florida.

Florida Preservation Services
1986 Historical/Architectural Survey of Collier County, Florida. Survey #1108 on file, Division of Historic Resources, Tallahassee, Florida.

Goggin, JM
1939 A Ceramic Sequence in South Florida. *New Mexico Anthropologist* 3:36-40.

1940 The distribution of pottery wares in the Glades Archaeological Area of South Florida. *New Mexico Anthropologist 4*:22-33.

1947 A Preliminary Definition of Archaeological areas and Periods in Florida. *American Antiquity* 13:114-127.

1949a Cultural Occupation at Goodland Point, Florida. *The Florida Anthropologist* 2(3-4): 65-91.

1949b The Archaeology of the Glades Area. Unpublished MS on file, SE Archaeological Research Center, NPS, Tallahassee, Fl.

1949c Cultural Traditions in Florida Prehistory. In J.W. Griffin (editor) *The Florida Indian and his Neighbors.* Winter Park, Florida: Rollins College.

Goggin, JM and WC Sturtevant
1964 The Calusa: A Stratified, Nonagricultural Society (with notes on sibling marriage). In W Goodenough (editor) *Explorations in Cultural Anthropology: Essays in Honor of George Peter Murdock.* New York: McGraw Hill. Pp. 179-291.

Griffin, JW
1974 Archaeology and Environment in South Florida. In P.J. Gleason (ed.), *Environments of South Florida: Present and Past II*. Coral Gables: Miami Geological Society, pp 342-346.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

1988 The Archaeology of Everglades National Park: A Synthesis. National Park Service, Southeast Archaeological Center, Tallahassee, Florida.

Hrdliĉka, A
1922 The *Anthropology of Florida.* Deland, Florida: Publications of the Florida State Historical Society 1.

Kenworthy, CJ
1883 Ancient Canals in Florida. *Smithsonian Institution Annual Report for 1881:* 105-109.

Kroeber, AL
1939 *Cultural and Natural Areas in Native North America.* Berkeley: University of California Press.

McMichaels, A
1982 A Cultural Resource Assessment of Horrs Island, Collier County, Florida. MA thesis, Department of Anthropology University of Florida, Gainesville.

Marquardt, WH
1984 *The Josslyn Island Mound and its Role in the Investigation of Southwest Florida's Past.* Gainesville: Florida State Museum, Department of Anthropology, Miscellaneous Project Report Series 22.

1987 The Calusa Social Formation in Protohistoric South Florida. In T.C. Patterson and C.W. Gailey (editors) *Power Relations and State Formation.* Washington, D.C.: Archaeology Section, American Anthropological Association, pp. 98-116.

1988 Politics and Production Among the Calusa of South Florida. In T. Ingold, D. Riches, and J. Woodburn (editors) *Hunters and Gatherers 1: History, Evolution, and Social Change.* London: Berg Publishers, pp. 161-188.

1992 Recent Archaeological and Paleoenvironmental Investigations in Southwest Florida. In W.H. Marquardt (editor), *Culture and Environment in the Domain of the Calusa*. Gainesville: Institute of Archaeology and Paleoenvironmental Studies. Monograph 1, University of Florida, pp. 9-58.

Marquardt, William and Karen Jo Walker
2012 "Southwest Florida During the Mississippian Period" in *Late Prehistoric Florida: Archaeology at the Edge of the Mississippian World*, eds. K.H. Ashley and N.M. White, 25-61. University Press of Florida: Gainesville, Florida.

2013 "The Pineland Site Complex: An Environmental and Cultural History," *In The Archaeology of Pineland; A Coastal Southwest Florida Site Complex, A.D. 50-1710*, eds. W.H. Marquardt and K. J. Walker, Institute of Archaeology and Paleoenvironmental Studies, University of Florida; Gainesville, Florida.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Milanich, JT
1994 *Archaeology of Precolumbian Florida.* Gainesville: University Press of Florida.

Milanich JT, J Chapman, AS Cordell, S Hale, and R Merrinan
1984 Prehistoric Development of Calusa Society in Southwest Florida: Excavation on Useppa Island. In D.D. Davis (editor) *Perspectives on Gulf Coast Prehistory.* Gainesville: University Presses of Florida, pp. 258-314.

Milanich, JT. and CH Fairbanks
1980 *Florida Archaeology.* New York: Academic Press.

Miller, JJ and ML Fryman
1978 An Archaeological and Historical Survey of the Collier Bay Tract, Marco Island. Cultural Resource Management Inc., Tallahassee, Florida. FMSF #3124.

Moore, CB
1900 Certain Antiquities of the Florida West Coast. *Journal of the Academy of Natural Science*, Philadelphia 11:369-394.

1907 Notes on the Ten Thousand Islands. *Journal of the Academy of Natural Science*, Philadelphia 13:458-470.

Morrell, RL
1967 Florida site form for site 8CR107.

1969 Fiber-tempered Pottery from Southwestern Florida. Abstract of presented paper, American Anthropological Association Annual Meeting, New Orleans, on file at AHC.

Russo, M
1990 Report I on Archaeological Investigations by the Florida Museum of Natural History at Horrs Island, Collier County, Florida. FMSF 2353.

Scholl, DW, FC Craighead, and M Stuiver
1969 Florida Submergence Curve Revisited: Its Relation to Coastal Sedimentation Rates. *Science 163*: 562-564.

Schwadron, Margo
2010 Landscapes of Maritime Complexity: Prehistoric Shellwork Sites of the Ten Thousand Islands, Florida. PhD Dissertation, Department of Archaeology , University of Leicester, Leicester, England.

Seinfeld, Daniel M.
2015 Reburial at Rookery Bay National Estuarine Reserve (8CR1397). Survey #22315 on file, Division of Historic Resources, Tallahassee, Florida.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Simons, MH
1884 Shell Heaps in Charlotte Harbor, Florida. *Smithsonian Institution Annual Report for 1882:* 794-796.

Stirling, MW
1931 Mounds of the Vanished Calusa Indians of Florida. *Smithsonian Institution Explorations and Field Work for 1930:* 167-172.

1933 Report of the Chief. *Bureau of American Ethnology Annual Report* 48:3-21.

1936 Florida Cultural Affiliations in Relation to Adjacent Areas. In *Essays in Anthropology in Honor of Alfred Louis Kroeber*. Berkeley: University of California Press, pp 351-357.

Thompson, Victor
2017 Conceptualizing Anthropogenic Islands Through LIDAR in Southern Florida, in *New Approaches to Anthropological Remote Sensing*, eds. D. Mckinnon and B. Haley, 127-140 University of Alabama Press; Tuscaloosa, Alabama.

Van Beck, JC and LM Van Beck
1965 The Marco Midden, Marco Island, Florida. *The Florida Anthropologist* 16:1-20.

Widmer, RJ
1974 A Survey and Assessment of Archaeological Resources on Marco Island, Collier County, Florida. Ms on file, FMSF #265.

1983 The Evolution of the Calusa, a Non-agricultural Chiefdom on the Southwest Florida Coast. Ph.D. thesis, Pennsylvania State University, distributed by University Microfilms International, Ann Arbor, Michigan.

1996 Recent Excavations at the Key Marco Site, 8CR48, Collier County, Florida. *The Florida Anthropologist* 49:10-26.

Williams, JL
1837 *The Territory of Florida*. Gainesville: University Press of Florida.

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

APPENDIX I: FLORIDA SURVEY LOG

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Clear Form Values

Ent D (FMSF only) _____

Survey Log Sheet

Florida Master Site File
Version 5.0 3/19

Survey # (FMSF only) _____

Consult *Guide to the Survey Log Sheet* for detailed instructions.

Manuscript Information

Survey Project (name and project phase)
Rookery Bay Pole Barn Phase I 2022.214

Report Title (exactly as on title page)
A Phase I Cultural Resource Assessment of the Rookery Bay Pole Barn Parcel,Collier County, Florida

Report Authors (as on title page)
1. Carr, Robert S.
2. Inboden, Maleah
3. Beriault, John G.
4.

Publication Year 2022 **Number of Pages in Report** (do not include site forms) 37

Publication Information (Give series, number in series, publisher and city. For article or chapter, cite page numbers. Use the style of *American Antiquity*.)
AHC Technical Report #1416

Supervisors of Fieldwork (even if same as author) Names Robert S. Carr

Affiliation of Fieldworkers: Organization Archaeological & Historical Conservancy, Inc. City Davie, Florida

Key Words/Phrases (Don't use county name, or common words like *archaeology*, *structure*, *survey*, *architecture*, *etc.*)
1. Rookery Bay
2. Henderson Creek
3. Belle Meade
4.
5.
6.
7.
8.

Survey Sponsors (corporation, government unit, organization, or person funding fieldwork) Clear Sponsor Values
Name Rookery Bay National Estuarine Reserve Organization
Address/Phone/E-mail

Recorder of Log Sheet John G. Beriault **Date Log Sheet Completed** 12-17-2022

Is this survey or project a continuation of a previous project? ☒No ☐Yes: **Previous survey #s (FMSF only)**

Project Area Mapping

Clear Mapping Values

Counties (select every county in which field survey was done; attach additional sheet if necessary)
1. Collier
2.
3.
4.
5.
6.

USGS 1:24,000 Map Names/Year of Latest Revision (attach additional sheet if necessary)
1. Name BELLE MEADE Year 1991
2. Name Year
3. Name Year
4. Name Year
5. Name Year
6. Name Year

Field Dates and Project Area Description

Fieldwork Dates: Start 12-14-2022 End 12-15-2022 **Total Area Surveyed** (fill in one) _____hectares 0.10 acres
Number of Distinct Tracts or Areas Surveyed 1
If Corridor (fill in one for each) **Width:** _____meters _____feet **Length:** _____kilometers _____miles

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Survey Log Sheet

Survey #_____

Research and Field Methods

Types of Survey (select all that apply): ☒archaeological ☐architectural ☐historical/archival ☐underwater ☐damage assessment ☐monitoring report ☐other(describe): _____

Scope/Intensity/Procedures

systematic shovel testing over entire parcel

Preliminary Methods (select as many as apply to the project as a whole)

☒Florida Archives (Gray Building)	☐library research- *local public*	☐local property or tax records	☒other historic maps	☐LIDAR
☐Florida Photo Archives (Gray Building)	☐library-special collection	☐newspaper files	☒soils maps or data	☐other remote sensing
☒Site File property search	☐Public Lands Survey (maps at DEP)	☒literature search	☐windshield survey	
☒Site File survey search	☐local informant(s)	☐Sanborn Insurance maps	☒aerial photography	

☐other (describe): _____

Archaeological Methods (select as many as apply to the project as a whole)

☐Check here if **NO** archaeological methods were used.

☐surface collection, controlled	☐shovel test-other screen size	☐block excavation (at least 2x2 m)	☐metal detector
☐surface collection, **un**controlled	☐water screen	☐soil resistivity	☐other remote sensing
☒shovel test-1/4"screen	☐posthole tests	☐magnetometer	☐pedestrian survey
☐shovel test-1/8" screen	☐auger tests	☐side scan sonar	☐unknown
☐shovel test 1/16"screen	☐coring	☐ground penetrating radar (GPR)	
☐shovel test-unscreened	☐test excavation (at least 1x2 m)	☐LIDAR	

☐other (describe): _____

Historical/Architectural Methods (select as many as apply to the project as a whole)

☒Check here if **NO** historical/architectural methods were used.

☐building permits	☐demolition permits	☐neighbor interview	☐subdivision maps
☐commercial permits	☐windshield survey	☐occupant interview	☐tax records
☐interior documentation	☐local property records	☐occupation permits	☐unknown

☐other (describe): _____

Survey Results

Resource Significance Evaluated? ☐Yes ☒No Clear Check Boxes

Count of Previously Recorded Resources 0 **Count of Newly Recorded Resources** 0

List Previously Recorded Site ID#s with Site File Forms Completed (attach additional pages if necessary)

List Newly Recorded Site ID#s (attach additional pages if necessary)

Site Forms Used: ☒Site File Paper Forms ☐Site File PDF Forms

REQUIRED: Attach Map of Survey or Project Area Boundary

SHPO USE ONLY **SHPO USE ONLY** **SHPO USE ONLY**

Origin of Report: ☐872 ☐Public Lands ☐UW ☐1A32 # _____ ☐Academic ☐Contract ☐Avocational ☐Grant Project # _____ ☐Compliance Review: CRAT # _____

Type of Document: ☐Archaeological Survey ☐Historical/Architectural Survey ☐Marine Survey ☐Cell Tower CRAS ☐Monitoring Report ☐Overview ☐Excavation Report ☐Multi-Site Excavation Report ☐Structure Detailed Report ☐Library, Hist. or Archival Doc ☐Desktop Analysis ☐MPS ☐MRA ☐TG ☐Other: _____

Document Destination: Plottable Projects **Plotability:** _____

Florida Master Site File / Div. of Historical Resources / R.A. Gray Bldg / 500 S Bronough St., Tallahassee, Florida 32399-0250
Phone 850.245.6440, Fax 850.245.6439, Email: SiteFile@dos.myflorida.com

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

MAP OF BOUNDARY SURVEY
SECTION 17, TOWNSHIP 51 SOUTH, RANGE 26 EAST
COLLIER COUNTY, FLORIDA

SURVEYOR'S NOTES

1. BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED UPON THE NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT (NAD83/90) FLORIDA EAST ZONE. DISTANCES SHOWN ARE GROUND DISTANCES MEASURED IN FEET. COORDINATES SHOWN ARE GRID COORDINATES. DATUM BASED UPON THE EROSION CONTROL LINE FOR NAPLES BEACH CONTROL MONUMENTS #241 AND #242 HAVING NAD83/90 GRID COORDINATES AS SHOWN ON THE EROSION CONTROL LINE FOR NAPLES BEACH RECORDED IN COASTAL SETBACK BOOK 1, PAGES 54 THROUGH 64 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.

2. NO UNDERGROUND IMPROVEMENTS OR FOUNDATIONS WERE LOCATED UNDER THE SCOPE OF THIS SURVEY.

3. THIS PARCEL LIES IN FLOOD ZONES AS SHOWN, ZONES ARE BASED ON FEMA F.I.R.M. MAP PANEL 12021C0615H, DATED 5/16/2012. FLOOD ZONE LINES SHOWN HEREON WERE SCALED FROM THE INDICATED F.I.R.M. MAP PANEL.

4. BOUNDARY INFORMATION SHOWN HEREON IS BASED UPON THE RECORDED DEED OFFICIAL RECORD 887, PAGES 1088-1089 OF THE PUBLIC RECORD OF COLLIER COUNTY, FLORIDA. THERE MAY BE SETBACKS AND/OR EASEMENTS NOT KNOWN TO THIS SURVEYOR.

5. THE STREET ADDRESS IS:
   10 SHELL ISLAND ROAD
   NAPLES, FLORIDA 34113

6. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

LEGAL DESCRIPTION

A PARCEL OF LAND LYING IN SECTION TOWNSHIP 51 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A CONCRETE MONUMENT, SAID MONUMENT BEING ON THE CORNER OF SECTIONS 16, 17, 20, 21, TOWNSHIP 51 SOUTH, RANGE 26 EAST OF COLLIER COUNTY, FLORIDA; THENCE N89° 16'48"W ALONG THE SOUTH LINE OF SECTION 17, TOWNSHIP 51 SOUTH, RANGE 26 EAST, A DISTANCE OF 3869.564 FEET TO A POINT; THENCE RUN DUE NORTH A DISTANCE OF 1143.09 FEET TO A POINT, SAID POINT BEING THE POINT OF BEGINNING OF THE PARCEL OF LAND HEREINAFTER DESCRIBED AND ALSO KNOWN AS PARCEL "A"; THENCE RUN N42° 00' 00"W A DISTANCE OF 237.56 FEET TO A POINT, SAID POINT HEREINAFTER KNOWN AS POINT "X" AND BEING ON THE APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) OF HENDERSON CREEK AS IT NOW EXISTS; THENCE RETURNING TO THE AFOREMENTIONED POINT OF BEGINNING; THENCE RUN N48° 00'00"E A DISTANCE OF 233.00 FEET TO THE POINT OF CURVATURE OF A CURVE TO THE RIGHT HAVING A CENTRAL ANGLE OF 36° 54 '42" AND HAVING A RADIUS OF 580 FEET; THENCE RUN ALONG THE ARC OF SAID CURVE A DISTANCE OF 373.65 FEET; THENCE N42°00'00"W A DISTANCE OF 256.5 FEET TO POINT, SAID POINT BEING ON THE APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) OF HENDERSON CREEK; THENCE RUN IN A SOUTHWESTERLY DIRECTION ALONG SAID APPROXIMATE MEAN HIGH WATER LINE (ELEVATION +1.5 CONTOUR) A DISTANCE OF 600 FEET MORE OR LESS TO THE AFOREMENTIONED POINT "X" AND THE POINT OF TERMINATION CONTAINING 2.5 ACRES MORE OR LESS.

CURVE TABLE					
CURVE	RADIUS	DELTA	ARC	CHORD BEARING	CORD
C1	580.00'	36°54'42"	373.65'	S66°27'21"W	367.23'

LEGEND

- = BENCHMARK, SET PK NAIL AND DISK – "LB 6896"
- = FOUND PK NAIL AND DISK – "ASAP LB 6355"
- = FOUND PK NAIL – NO IDENTIFICATION
- = SET PK NAIL AND DISK – "DAG GEO LB 6896"
- = FOUND FLORIDA DEPARTMENT OF NATURAL RESOURCES BRASS DISK
- = FOUND DRILL HOLE IN CONCRETE SEAWALL
- = FOUND 5/8" REBAR – NO IDENTIFICATION
- = FOUND 5/8" REBAR AND CAP – "BGA LB 840"
- = SET 5/8" REBAR AND CAP – "DAG GEO LB 6896"
- = FOUND 5/8" REBAR AND CAP – "ECL PRM 5295"
- = FOUND 3/4" PIPE – NO IDENTIFICATION
- = FOUND 4" X 4" CONCRETE MONUMENT WITH 1/4" REBAR
- = FOUND 4" X 4" CONCRETE MONUMENT WITH ALUMINUM CAP – "LB 43"
- = FOUND FLORIDA DEPARTMENT OF NATURAL RESOURCES CONCRETE MONUMENT
- (C) = CALCULATED DATA
- (D) = LEGAL DESCRIPTION DATA
- (M) = FIELD MEASURED DATA
- (P) = RECORD PLAT DATA
- = SPOT ELEVATION, NAVD 1988
- = WOOD UTILITY POLE
- = CONCRETE UTILITY POLE
- = METAL UTILITY POLE
- = GUY POLE
- = GUY ANCHOR
- = WATER METER
- = WATER VALVE
- = WATER VALVE BOX
- = BACKFLOW PREVENTER
- = FIRE HYDRANT
- = FIRE DEPARTMENT CONNECTION
- = SANITARY SEWER CLEAN-OUT
- = SANITARY SEWER MANHOLE
- = STORM SEWER MANHOLE
- = CATCH BASIN WITH GRATE INLET
- = TELEPHONE MANHOLE
- = TELEPHONE PEDESTAL
- = CABLE PEDESTAL
- = ELECTRIC MANHOLE
- = ELECTRIC BOX
- = TRAFFIC SIGNAL BOX
- = TRAFFIC SIGNAL POLE
- = 8" DIAMETER METAL LIGHT POLE ON A 2' DIAMETER CONCRETE BASE
- = 6" DIAMETER METAL LIGHT POLE ON A 1' DIAMETER CONCRETE BASE
- = 8" DIAMETER METAL LIGHT POLE ON A 2' X 2' CONCRETE BASE
- = 6" DIAMETER METAL LIGHT POLE ON A 1' X 1' CONCRETE BASE
- = COCONUT PALM
- = DATE PALM
- = EXOTIC PALM
- = ROYAL PALM
- = SABAL PALM
- = PINE TREE
- = PINE TREE WITH TRUNK DIAMETER
- = HARDWOOD TREES
- = HARDWOOD TREES WITH TRUNK DIAMETER

DONALD G MILLER License Number LS6674 STATE OF FLORIDA Professional Surveyor and Mapper

JOB NO.: 21594
SHEET NO.: 1

CERTIFIED TO:
WEILER ENGINEERING

DRAWN BY: DM
CHECKED BY: DGM
FIELD BOOK:

DRAWING SCALE: 1" = 40'
REVISION DATE:
REVISED BY:

COMPUTER FILE: 21594
SURVEY DATE: 08/16/2022
DRAWING DATE: 08/18/2022

DONALD G. MILLER, PSM
Professional Surveyor & Mapper Fla. License No.6674

This map prepared by:
CERTIFICATE OF AUTHORIZATION NO. LB 6896
NOT VALID WITHOUT THE SIGNATURE AND RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

DAGOSTINO GEOSPATIAL, INC.
Professional Surveying & Mapping
10981 Bonita Beach Road SE Bonita Springs, FL 34135
Phone: (239) 352-6085 Website: www.dagpso.com

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

Florida Department of Environmental Protection

Rookery Bay National Estuarine Research Reserve
300 Tower Road
Naples, Florida 34113

Ron DeSantis
Governor

Jeannette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

February 2, 2023

CONSERVANCY OF SW FL, INC.
1495 SMITH PRESERVE WAY
NAPLES, FL 34102

Dear Property Owner:

Please be advised that the sender has made a formal application to Collier County for a variance from the requirements of the zoning regulations as they apply to the following described property:

10 Shell Island Rd, Naples, FL 34113

It is our intent to request from Collier County a proposed variance from Land Development Code Section 4.02.01.A to reduce the required principal front yard setback from 50 feet to 10.29 feet for the proposed maintenance building replacement on the south property line; and a second variance from Section 4.02.03.D to reduce the required accessory front yard setback from 50 feet to 39.62 feet for the proposed kayak cover to be located at 10 Shell Island Rd., Naples, FL 34113 in Section 17, Township 51 South, Range 26 East, Collier County, Florida. [Petition No. VA-PL20220005310]

In order to provide you with an opportunity to become fully aware of our intention, we are contacting you directly via this letter, or you may choose to telephone the sender for further information. In any event, please be advised that we are interested in assuring you that our request should not adversely affect your property interest.

Sincerely,

Donna Pace
Title Operations Manager
3900 Commonwealth Blvd.
Tallahassee, FL 32399
Tele: 239.530.5946

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

AFFIDAVIT OF COMPLIANCE

I hereby certify that pursuant to Ordinance 2004-72, of the Collier County Land Development Code, I did give notice by mail at least 30 days after receipt of letter indicating that the application is sufficient to the following property owners and or condominium and civic associations whose members may be impacted by the proposed land use changes of an application request for a variance or parking exemption. *For the purposes of this requirement, the names and addresses of property owners shall be deemed those appearing on the latest tax rolls of Collier County and any other persons or entities who have made a formal request of the county to be notified.* The said notice contained the laymen's description of the site property of proposed change.

Per attached letters and or property owner's list, which are hereby made a part of this Affidavit of Compliance.

Alex Reed
(Signature of Applicant)

State of Florida
County of Collier

The foregoing Affidavit of compliance was acknowledged before me this 6th day of February, 2023 by Alex Reed, who is personally known to me or ~~who has produced~~ N/A as identification.

Brenda S. Varnes
(Signature of Notary Public)

BRENDA S. VARNES
MY COMMISSION # GG 307628
EXPIRES: June 29, 2023
Bonded Thru Notary Public Underwriters

Brenda S. Varnes
(Notary Seal)

Attachment: ATTACHMENT C - BACKUP PACKAGE (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

FOLIO

0074336000/7
1114440200/3

0074336000071

CONSTRUCTION DATA

BUILDING	1	2	3	4
OFFICE				
CGar				
3.				
4				
SUB-STRUCTURE				
Slab			O	
Piers		O		
Continuous Wall				
Conc Bsmt Floor				
Finished Bsmt				
Notes				
FRAME				
Wood - Light		O	O	
Wood - Heavy				
Block				
Tile				
Brick				
Rf Concrete				
Steel				
Rf Conc. & Steel				
Stone				
Notes				
EXTERIOR WALLS				
Sheathing				
Unfinished				
Roll				
Sheet				
Shingles				
Composition				
Metal				
Stucco				
Wood		O	O	
Tile				
Block				
Common Brick				
Face Brick				
None				
Plain Front				
Average Front				
Elaborate Front				
Ext Wall Code				
Notes				

BUILDING	1	2	3	4
ROOF FRAME				
Wood		O	O	
Steel				
Rf. Concrete				
Notes				
ROOF TYPE				
Flat				
Shed				
Gable			O	
Hip		S		
Gambrel				
Monitor				
Sawtooth				
Deck				
Notes				
ROOFING				
Roll				
Sheet				
Shingles		O		
Composition		O		
Metal			O	
Wood				
Asbestos				
Tile				
Rf. Concrete				
Built-Up T & G				
Notes				
FLOORS				
Dirt				
Single				
Double				
Pine		O	O	
Hardwood				
Concrete				
Tile				
Terrazzo				
Notes				
INTERIOR WALLS				
Unfinished			O	
Wall Board				
Ceiling				
Plaster				
Plywood - Pine Pan				
Furring				
Drywall		O		
Notes				

BUILDING	1	2	3	4
ROOMS				
Store Units				
Office Units				
Rooms	5			
Efficiency Apts				
___ Rm Apts				
___ Rm Apts				
___ Rm Apts				
Notes				
PLUMBING				
None			O	
1 Fixtures				
2 Fixtures				
3 Fixtures	1			
4 Fixtures				
5 Fixtures				
___ Fixtures				
Rest Rooms				
Tile Floor				
1/2 Tile Walls				
Full Tile Walls				
Notes				
HEATING				
None			O	
Steam				
Hot Water				
Hot Air				
Unit Heaters				
Electric				
H & AC		O		
ELECTRICITY				
Yes		O		
None			O	
EQUIPMENT				
Vent Fan				
Sprinklers				
Elevators				
___ # Cap				
___ # Cap				
OHD				
___				
Notes				
INTERIOR				
Type				
Condition				
Notes				

Dotted on Original Imp. Trace

CARDS	MAP NO	SEC	TWP	RNG	PARCEL
1.	68/17	17	51	26	8

SUBDIVISION NAME

BLOCK

LOTS OR DESCRIPTION: Comm ENR Secs 16, 17, 20 & 21, N. 89°W 3869.564', N. 1143.09' to p.o.b. N42°W. 237.56' to M H WL Henderson Creek, Thence return to POB N48°E 233' to PT Curvature, Thence Along Arc of C Curve 273.65', N42°W. 256.5' to

NOTES

Over

1983 Pm 93-1454 (Reroof) NP

ENTERED

(N) Permit 98040932 Conc for gasebo 1,850

ST FL BD INT IMP TR FD

20 Add CGar

Add

20 Add

180

12

15 Conc

DAI

57

1996

28

7

Conc

20 Add AWD

6 28 68 30 473 11 5 8 5

10 Shell Island Rd
PROPERTY ADDRESS

NO	STYS	SH	CLASS	AREA	SQ CU	100 INDEX	RATE	ADDITIONS	REPL. COST	DATE BUILT	COND	ADJ	VALUE
1	1		R-111	1596						1983			
2	1		CGar	250						1988	(N)	FV	100
AWD				473						1990			
CONC				180						1999			

ACRES	QUANTITY - TYPE DESCRIPTION	DIMENSIONS SQUARE FEET	UNIT PRICE	D F	C F.	PRICE PER FRONT FOOT	VALUE
5.92	E		3000				17750

PLOTTED	DRAWN BY	DATE
RANDOM	CLASSED BY	DATE

YEAR	VALUE 1981	VALUE 19	VALUE 19	VALUE 19	VALUE 19	VALUE 19	VALUE 19	VALUE 19	VALUE 19	VALUE 19
LAND	17 750									
IMPRS.										
TOTAL										

Attachment: ATTACHMENT D - PROPERTY CARD & DEED (24674 : PL20220005310 - ROOKERY BAY

PROPERTY RECORD CARD COLLIER COUNTY, FLORIDA

[redacted] 111432.0000 - a

Collier County Conservancy - 1

LOTS OR DESCRIPTION (CONTINUED) M.H.W.L. Henderson Creek, S. Wly along M.H.W.L. 600' ± To P.O.T. AKA Parcel "A" AND Comm at POB of Above Parcel "A" S 42° E 60' N 48° E 200' TO POB, N 48° E 33' TO PT OF CURVATURE along Curve 335', along Curve 117' N 74° E 78', S 42° E 64.98', S 48° W 340.99', N 42° W 275.61' TO POB AKA Parcel B

00743360000 72

OWNERSHIP RECORD				
DATE	OWNER AND ADDRESS	SALE PRICE	O.R.	PAGE
10/16/84	Bd Tr of Int Imp Fund of Tallahassee 32304		887	108
			887	01

PLOT PLAN GRAPH RANDOM ☐ PLOTTED ☐ SCALE 1" = 30' ☐ 60' ☐

Attachment: ATTACHMENT D - PROPERTY CARD & DEED (24674 : PL20220005310 - ROOKERY BAY

Warranty Deed

669628

O.R. 887 PG 1088

THIS INDENTURE, Made this 11th day of April, A. D. 19 80

Between COLLIER COUNTY CONSERVANCY, INC.

the Grantor

And BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA

the Grantee

whose post office address is: Tallahassee, Florida 32304

Witnesseth, That the Grantor, for and in consideration of the sum of TEN DOLLARS AND OTHER VALUABLE CONSIDERATIONS in hand paid by the Grantee, receipt whereof is hereby acknowledged, hereby conveys to the Grantee the real property in Collier County, Florida, described as:

---------See Legal Description attached hereto and incorporated herein by virtue of this reference.----------

SUBJECT to easements, restrictions and reservations of record.

SUBJECT To the condition in that deed recorded in O. R. Book 458, page 198, Public Records of Collier County, Florida, making it an expresd condition and limitation that the premises herein conveyed shall forever be held and used exclusively for conservation-releated research and education.

STATE OF FLORIDA DOCUMENTARY STAMP TAX DEPT. OF REVENUE PB 11619 OCT 16'80 $00.40

RECORDED OFFICIAL RECORD BOOK COLLIER COUNTY, FLORIDA Oct 16 12 55 PM '80

And the said Grantor does covenant that the property is free of all encumbrances, that lawful seisin of and good right to convey that property are vested in the Grantor, and that the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

Signed in the presence of:

COLLIER COUNTY CONSERVANCY, INC.

By: William L Oberhelman (SEAL)
William L. Oberhelman, Vice-President

(SEAL)

(SEAL)

STATE OF FLORIDA
COUNTY OF COLLIER

I HEREBY CERTIFY that on this day personally appeared before me, an officer duly authorized to administer oaths and take acknowledgments, WILLIAM L. OBERHELMAN, as Vice-President of COLLIER COUNTY CONSERVANCY, INC., a Florida non-profit corporation, to me well known to be the person described as Grantor and who executed the foregoing deed, and acknowledged before me that said person executed the same freely and voluntarily for the purpose therein expressed.

WITNESS my hand and seal this 11th day of April, A. D. 19 80

My Commission Expires:

Notary Public (NOTARY SEAL)

This instrument prepared by Thomas R. Brown, Esq.
LAW OFFICES OF VEGA, BROWN and NICHOLS, P.A.
2660 AIRPORT ROAD, NAPLES, FLORIDA 33942

[redacted]

Attachment: ATTACHMENT D - PROPERTY CARD & DEED (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

REPLACEMENT POLE BARN AND KAYAK COVER

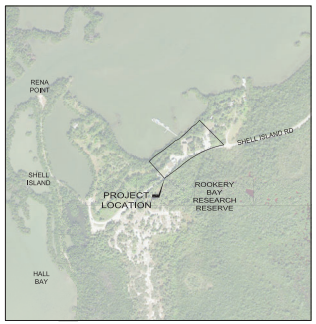
DISTRICT 4

COLLIER COUNTY

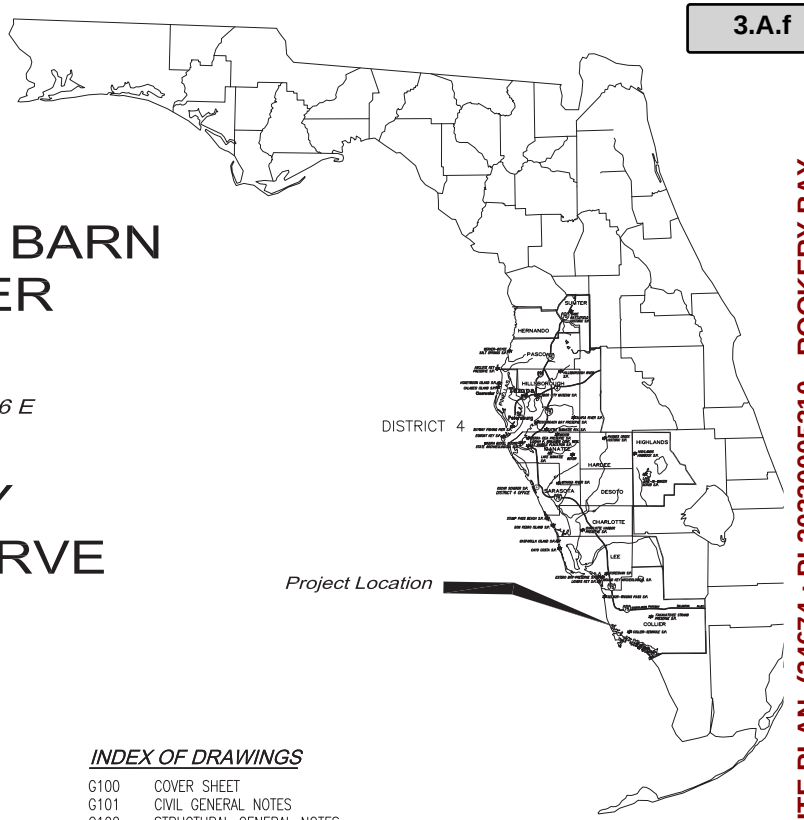
SECTION 17, TOWNSHIP 51 S, RANGE 26 E

ROOKERY BAY RESEARCH RESERVE

PROJECT # RBF1052



MAP SCALE: 1"=500'



ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTERNATE
APPROX.	APPROXIMATE
BD.	BOARD
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BLT.	BUILT
BRK.	BRICK
BRKR.	BREAKER
BSMT.	BASEMENT
C.J.	CONTROL JOINT
CLG.	CEILING
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
CLKG.	CAULK JOINT
CONC.	CONCRETE
CU	COPPER
CU. FT.	CUBIC FOOT
CU. IN.	CUBIC INCH
CU. YD.	CUBIC YARD
DIA./ø	DIAMETER
DBL.	DOUBLE
DBT.	DRY-BULB TEMPERATURE
DEG.	DEGREE
DEPT.	DEPARTMENT
DF.	DRINKING FOUNTAIN
DISC.	DISCONNECT
DL.	DEAD LOAD
DN.	DOWN
D.S.	DOWN SPOUT
DWG	DRAWING
EXH.	EXHAUST FAN
EXP.	EXPANSION JOINT
EXP. JT.	EXPANSION JOINT
EXT.	EXTERIOR
FIN	FINISH
FL.	FLOOR
FLUOR.	FLUORESCENT
FPRF.	FIREPROOF
FR	FIRE RATING
FT.	FOOT/FEET
FTG.	FOOTING
GALV.	GALVANIZED
GFI	GROUND FAULT CIRCUIT INTERRUPT
GOV'T.	GOVERNMENT
GR.FL.	GROUND FLOOR
GYP.	GYPSUM
H.C.	HOLLOW CORE
H.D.G.	HOT DIPPED GALVANIZED
HDR	HEADER
HDWR.	HARDWARE
H.P.	HORSEPOWER
HT.	HEIGHT
HTR	HEATER
HWY.	HIGH WAY
HVAC.	HEATING, VENTILATING AND AIR CONDITIONING
ID	INSIDE DIAMETER
IN	INCH
INCAND.	INCANDESCENT
INCL.	INCLUDED
INSUL.	INSULATION
INT	INTERIOR
INV. EL.	INVERT ELEVATION
JST.	JOIST
KD	KILN DRIED
KW	KILOWATT
KWH	KILOWATT HOUR
LAM.	LAMINATED
LAV.	LAVATORY
LB.	POUND
LTG.	LIGHTING
LGTH.	LENGTH
LIN.	LINEAR
LL	LIVE LOAD
MANUF.	MANUFACTURE
MAX.	MAXIMUM
MF.	MILL FINISH
MIN.	MINIMUM
MLDG.	MOLDING
MLW	MEAN HIGH WATER
MHHW	MEAN HIGHER HIGH WATER
MLW	MEAN LOW WATER
MLLW	MEAN LOWER LOW WATER
MSL	MEAN SEA LEVEL
MOD.	MODIFICATION
NTS	NOT TO SCALE
NO./#	NUMBER
OA	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPNG.	OPENING
O.H.	OVER HEAD
OPP.	OPPOSITE
PARTN.	PARTITION
PC	PORTLAND CEMENT
PCF	POUNDS PER CUBIC FOOT
P.E.	PROFESSIONAL ENGINEER
PERF.	PERFORATED
PERPEN.	PERPENDICULAR
PL.	PLATE
PLG.	PLUMBING
PLYWD.	PLYWOOD
PNL.	PANEL
PREFAB.	PREFABRICATED
PRELIM.	PRELIMINARY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
QS	QUARTER SAWN
R	RADIUS
RCPT.	RECEPTACLE
REBAR.	REINFORCING BAR
REFRIG.	REFRIGERATION
REINF.	REINFORCING
RFTG.	ROOFING
RGH	ROUGH
RM.	ROOM
R.O.	ROUGH OPENING
RS	ROUGH SAWN
S.C.	SOLID CORE
SCH	SCHEDULE
SDG	SIDING
SECT.	SECTION
SFTWD	SOFTWOOD
SGD	SLIDING GLASS DOOR
SH	SHINGLES
SPEC	SPECIFICATION
SPR	SPRUCE
SQ.	SQUARE
SQ. FT.	SQUARE FOOT
SQ. IN.	SQUARE INCH
SQ. YD.	SQUARE YARD
SS	STAINLESS STEEL
ST.	STEEL
SUB. FL.	SUBFLOOR
SUP.	SUPPLY
SW.	SWITCH
SYM.	SYMMETRICAL
S.Y.P.	SOUTHERN YELLOW PINE
SYS.	SYSTEM
S4S	SURFACED FOUR SIDES
TEL.	TELEPHONE
T&G	TONGUE-AND-GROOVE
TYP.	TYPICAL
U.E.	UNDERGROUND ELECTRIC
U.G.	UNDER GROUND
UL	UNDERWRITERS LABORATORIES, INC.
V	VOLT
VENT.	VENTILATION
VERT.	VERTICAL
VIF	VERIFY IN FIELD
VOL.	VOLUME
VP.	VENT PIPE
VTR.	VENT THRU ROOF
W	WATER
WBT.	WET BULB TEMPERATURE
WC	WATER CLOSET
WD	WOOD
WP	WATERPROOF
WWF	WELDED WIRE FABRIC
YD	YARD

REFERENCE LEGEND

G8 / A502 — SECTION IDENTIFICATION / SHEET NUMBER

G8 / A502 — DETAIL IDENTIFICATION / SHEET NUMBER

APPLICABLE CODES AND DESIGN DATA

CODE LIST

FLORIDA BUILDING CODE, BUILDING (FBC-B)	2020 Edition
FLORIDA BUILDING CODE, FUEL GAS (FBC-FG)	2020 Edition
FLORIDA BUILDING CODE, MECHANICAL (FBC-M)	2020 Edition
FLORIDA BUILDING CODE, PLUMBING (FBC-P)	2020 Edition
FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB)	2020 Edition
FLORIDA BUILDING CODE, RESIDENTIAL (FBC-R)	2020 Edition
FLORIDA FIRE PREVENTION CODE (FFPC)	2020 Edition
NATIONAL ELECTRICAL CODE NFPA-70	2020 Edition
FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONST.	Latest Edition
FDOT DESIGN STANDARDS	Latest Edition
FLORIDA ACCESSIBILITY CODE	2020 Edition

DESIGN DATA

(RESTROOM)

CONSTRUCTION TYPE:	VB	TOTAL BUILDING AREA PER FLOOR:	1720 SF
OCCUPANCY CLASS:	UTILITY	BUILDING HEIGHT/NUMBER OF STORIES:	18'-9"/1
OCCUPANT LOAD:	6	REQUIRED SPRINKLER OR ALARM SYSTEM:	Yes / No
TOTAL EXITS:	1	NUMBER OF BEDROOMS:	N/A
SQ FT ALTERED AREA:	N/A	LEVEL OF ALTERATION:	NEW

DESIGN LOADS:

LIVE LOADS (PER FBC TABLE 1607.1):

FLOOR AND DECK LOADS

FLOOR DEAD LOAD: SEE MANUFACTURED

BUILDING PLAN SET

FLOOR LIVE LOAD: SEE MANUFACTURED

BUILDING PLAN SET

ROOF LOAD

LIVE LOAD: SEE MANUFACTURED

BUILDING PLAN SET

DEAD LOAD: SEE MANUFACTURED

BUILDING PLAN SET

WIND LOADS (PER ASCE 7-16):

BASIC WIND SPEED (1609.3.1)

Ultimate (V_{ult})(THREE SECOND GUEST): 170 MPH

Nominal (V_{asd}): 132 MPH

RISK CATEGORY (1604.5): CATEGORY II

WINDOW LOAD IMPORTANCE FACTOR: 1.00

WINDOW EXPOSURE (1609.4): EXPOSURE D

INTERNAL PRESSURE COEFFICIENT (Gcpi): -0.18/+0.18 (Enclosed)

COMPONENTS & CLADDING WIND PRESSURES: PER PLAN

LIFE SAFETY PLAN:

REFER TO PRE-MANUFACTURED BUILDING PLAN SET

SCOPE OF PROJECT

DESIGN A POLE BARN AND KAYAK COVER DAMAGED BY HURRICANE IRMA.
CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, EQUIPMENT, PERMITTING, AND SUPERVISION NECESSARY TO SUCCESSFULLY REPLACE THE EXISTING POLE BARN AND KAYAK COVER AT ROOKERY BAY RESEARCH RESERVE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

INDEX OF DRAWINGS

G100	COVER SHEET
G101	CIVIL GENERAL NOTES
G102	STRUCTURAL GENERAL NOTES
C100	2019 AERIAL PHOTOGRAPH
C101	EXISTING CONDITIONS & DEMO PLAN
C102	BEST MANAGEMENT PRACTICES & DETAIL PLAN
C103	SITE PLAN
C104	FLUCCS MAP
S100	GARAGE FOUNDATION PLAN
S200	GARAGE FLOOR PLAN
S201	STORAGE PLAN & ELEVATIONS
S300	GARAGE ELEVATIONS AND BUILDING SECTION
E100	GARAGE ELECTRICAL PLAN

WEILER ENGINEERING CORPORATION
EB# 6656
30 YEARS of Service
WEC Excellence in engineering
201 WEST MARION AVENUE - SUITE 1306 | PUNTA GORDA | FL 33950
TEL 941-505-1700 | FAX 941-505-1702 | WWW.WEILERENGINEERING.ORG
DESIGNER

20045.007
CONSULTANT CONTRACT No.

01/10/2023
INITIAL ISSUE DATE

Robin C. Palmer

Digitally signed by Robin C. Palmer
Date: 2023.01.10 15:15:59 -05'00'

R. Jeff Weiler, Professional Engineer, State of Florida, License No. 46027. This item has been digitally signed and sealed by R. Jeff Weiler, P.E. on the date indicated here. 01/10/2023. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Robin C. Palmer
Professional Engineer
State of Florida
Registration No. 90050

Division of Recreation and Parks Bureau of Design and Construction

USER: mgering PLOTTED: THE G100_COVER24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008--Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:35pm

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

PRE-BID SUBMITTAL
THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO FAMILIARIZE HIMSELF WITH THE CONDITIONS FOR CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER A WRITTEN LIST OF ALL PERMITS AND COPIES THEREOF, AND CAREFULLY REVIEW ALL PLANS, SPECIFICATIONS, AND PERMITS PREVIOUSLY SECURED ON BEHALF OF THE OWNER. IN CASE OF ANY DISCREPANCY EITHER IN PERMIT DOCUMENTS, PLANS, DRAWINGS, OR SPECIFICATIONS, THE CONTRACTOR MUST PROMPTLY SUBMIT A "WRITTEN CLARIFICATION REQUEST" TO THE OWNER, WHO WILL PROMPTLY FORWARD SAME TO THE ENGINEER WHO WILL MAKE A DETERMINATION IN WRITING. THE CONTRACTOR MUST VERIFY EXISTING FACILITY INFORMATION, AND ALL DESIGN/PERMIT DATA REQUIRED FOR WORK THAT IS TO CONNECT WITH EXISTING FACILITIES. ANY DISCREPANCIES BETWEEN THE CONTRACT REQUIREMENTS AND THE EXISTING CONDITIONS MUST BE REPORTED TO THE OWNER IN WRITING, FOR AN ENGINEERING DETERMINATION. ANY FUTURE ADJUSTMENT DUE TO FAILURE BY THE CONTRACTOR TO IDENTIFY THE RELATED DISCREPANCY, WILL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY LICENSES ADDITIONAL PERMITS, AND FOR COMPLYING WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS IN CONNECTION WITH THE PERFORMANCE OF THE WORK.

CONSTRUCTION SAFETY AND LIABILITY
THE CONTRACTOR MUST TAKE PROPER SAFETY AND HEALTH PRECAUTIONS TO PROTECT THE WORK, THE WORKERS, THE PUBLIC, AND THE PROPERTY OF OTHERS. THE CONTRACTOR IS RESPONSIBLE ALSO FOR ALL MATERIALS DELIVERED AND WORK PERFORMED UNTIL COMPLETION AND ALL ACCEPTANCES HAVE BEEN OBTAINED. THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE STATE OF FLORIDA ROADWAY AND TRAFFIC DESIGN STANDARDS (1994). THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO PERSONS OR PROPERTY THAT OCCURS AS A RESULT OF HIS NEGLIGENCE. THE CONTRACTOR MUST SAVE HARMLESS AND INDEMNIFY THE OWNER AND THE ENGINEER OF RECORD, ITS OFFICERS, REPRESENTATIVES AND EMPLOYEES FROM ALL CLAIMS, LOSS, DAMAGE, ACTIONS, CAUSES OF ACTION, AND/OR EXPENSES RESULTING FROM, BROUGHT FOR, OR ON ACCOUNT OF ANY PERSONAL INJURY OR PROPERTY DAMAGE RECEIVED OR SUSTAINED BY ANY PERSONS OR PROPERTY GROWING OUT OF OCCURRING, OR ATTRIBUTABLE TO ANY WORK PERFORMED UNDER OR RELATED TO THIS CONTRACT, RESULTING IN WHOLE OR IN PART FROM THE NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR, ANY SUBCONTRACTOR, OR ANY EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE CONTRACTOR OR ANY SUBCONTRACTOR.

PRE-CONSTRUCTION
THE OWNER SHALL SECURE PRIOR TO CONSTRUCTION A PROFESSIONAL LAND SURVEYOR TO PERFORM AN "AS-BUILT" SURVEY OF ALL COMPLETED IMPROVEMENTS. THE OWNER SHALL ALSO SECURE PRIOR TO CONSTRUCTION A PROFESSIONAL ENGINEER TO PROVIDE THE APPROPRIATE SERVICES NEEDED IN ORDER TO CERTIFY TO ALL APPLICABLE REGULATORY AGENCIES THAT THE IMPROVEMENTS WERE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH ALL APPLICABLE PERMITS AND APPROVALS.
THE OWNER SHALL COORDINATE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, SURVEYOR, CONTRACTOR, TESTING LAB, UTILITY COMPANIES, AND APPROPRIATE REGULATORY AGENCIES. THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING SUBMISSION SCHEDULE FOR ALL PROJECT MATERIALS AND COMPONENTS. THE CONTRACTOR SHALL NOT INITIATE CONSTRUCTION OF ANY PORTION OF THE IMPROVEMENTS UNTIL THE SHOP DRAWINGS AND MATERIALS HAVE BEEN APPROVED FOR THAT PORTION BY THE ENGINEER. THE OWNER, CONTRACTOR, ENGINEER AND UTILITY COMPANY SHALL ALSO DISCUSS THE PROCEDURES REQUIRED FOR CONTRIBUTED FACILITIES TRANSFER FROM THE OWNER/DEVELOPER TO THE UTILITY COMPANY UPON PROJECT COMPLETION, UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, THE FOLLOWING DOCUMENTS SHALL BE PROVIDED:
DOCUMENTS REQUIRED FOR CONTRIBUTED FACILITIES FROM DEVELOPER TO UTILITY COMPANY:
1. RECORD DRAWINGS (AS-BUILT): MUST BE SIGNED AND SEALED BY ENGINEER OF RECORD, SUBMIT A MINIMUM OF TWO COPIES OF PRINTS.
2. DETAILED COST OF CONSTRUCTION: MUST INCLUDE INDIVIDUAL ITEMS OR APPURTENANCES, UNIT COST AND TOTAL COST OF EACH. DO NOT INCLUDE WATER SERVICE LINES OR SEWER LATERALS.
3. DESCRIPTION OF FACILITIES: A SHORT EXPLANATION DEPICTING WHAT HAS BEEN CONSTRUCTED.
4. D.E.P. APPLICATION(S).
5. INSPECTION REPORT(S).
6. ENGINEER'S CERTIFICATE OF SUBSTANTIAL COMPLETION TO D.E.P.
7. SYSTEM(S) ACCEPTANCE LETTER(S) FROM D.E.P.

PRIOR TO ANY INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR SHALL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED UTILITY. THE CONTRACTOR SHALL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VACINITY OF THEIR FACILITIES THAT HE INTENDS TO START WORK IN A SPECIFIC AREA. THE OWNER AND/OR HIS AGENT SHALL BE RESPONSIBLE FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER LINES, GAS LINES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES NOW LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE, RIGHT-OF-WAY, OR EASEMENT.

ENVIRONMENTAL PROTECTION DURING CONSTRUCTION
PROTECTION OF LAND RESOURCES – EXCEPT IN AREAS IDENTIFIED ON THE PLANS TO BE CLEARED, THE CONTRACTOR MUST NOT DEFACE, INJURE, OR DESTROY TREES OR SHRUBS OR REMOVE OR CUT THEM WITHOUT PRIOR AUTHORIZATION FROM THE OWNER. IN THE ABSENCE OF A CLEARING PLAN, AREAS SHOWN FOR IMPROVEMENTS SHALL BE CLEARED UNLESS NOTED OTHERWISE.
PROTECTION OF WATER RESOURCES – IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND COMPLY WITH ALL FEDERAL, STATE, REGIONAL COUNTY AND MUNICIPAL LAWS CONCERNING POLLUTION OF WATER RESOURCES. ALL WORK MUST BE PERFORMED IN SUCH A MANNER THAT OBJECTIONABLE CONDITIONS WILL NOT BE CREATED IN PUBLIC WATERS RUNNING THROUGH, OR ADJACENT TO THE PROJECT AREA.
1. EROSION AND SEDIMENT CONTROL – ALL PRACTICABLE AND NECESSARY EFFORT SHOULD BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND THE TRANSPORT OF SEDIMENT TO STORM DRAINS, SURFACE WATER, OR ONTO OTHER PROPERTY BY ANY OR ALL OF THE FOLLOWING MEANS:
   A. STORMWATER FACILITIES ARE TO BE BUILT AS EARLY IN THE CONSTRUCTION PHASE AS POSSIBLE AS PART OF THE DEVELOPMENT OF STORMWATER RUNOFF. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES, HOWEVER, SUCH AS BERMS, SEDIMENT BASINS, GRASSING, SODDING, SAND BAGGING, BALED HAY OR STRAW, FLOATING SILT BARRIERS, STACKED SILT BARRIERS, ETC., MUST BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT FACILITIES ARE COMPLETED AND OPERATIONAL.
   B. REVEGETATION AND STABILIZATION OF DISTURBED GROUND SURFACES SHOULD BE ACCOMPLISHED AS SOON AS POSSIBLE.
   C. FULL COMPLETION OF ANY FILL MATERIAL PLACED AROUND NEWLY INSTALLED STRUCTURES.
   D. PROHIBIT THE USE OF ANY CONSTRUCTION EQUIPMENT THAT LEAKS FUEL OR HYDRAULIC OIL.
2. ALL DISTURBED AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, EXCEPT RETENTION AREAS, AND SHALL BE PERMANENTLY STABILIZED EXCEPT WHERE SEEDING AND MULCHING ARE CALLED FOR ON THE PLANS. THE LATEST VERSION OF F.D.O.T. STANDARD BRIDGE SPECIFICATIONS SHALL BE USED UNLESS MORE RESTRICTIVE LOCAL SPECIFICATIONS EXIST.

CONTRACTOR RESPONSIBLE FOR STABILIZING AND MAINTAINING SLOPES
AND BAHIA SOD THROUGHOUT CONSTRUCTION UNTIL SUCH TIME AS APPROVED BY THE ENGINEER. SOD CONTAINING WEED REINFORCEMENT SHALL NOT BE USED.

PROTECTION OF FISH AND WILDLIFE
THE CONTRACTOR MUST AT ALL TIMES PERFORM ALL WORK IN A WAY AND TAKE SUCH STEPS AS REQUIRED TO PREVENT ANY INTERFERENCE WITH OR DISTURBANCE TO FISH AND WILDLIFE. THE CONTRACTOR SHALL NOT ALTER WATER FLOWS OR OTHERWISE DISTURB NATIVE HABITATS AND JURISDICTIONAL WETLANDS LOCATED WITHIN AND/OR ADJACENT TO THE PROJECT AREA.

RECORDING AND PRESERVING HISTORICAL AND ARCHEOLOGICAL FINDS ALL ITEMS HAVING ANY APPARENT HISTORICAL OR ARCHEOLOGICAL INTEREST THAT ARE DISCOVERED IN THE COURSE OF ANY CONSTRUCTION ACTIVITIES MUST BE CAREFULLY PRESERVED. THE CONTRACTOR MUST LEAVE THE ARCHEOLOGICAL FIND UNDISTURBED AND MUST IMMEDIATELY REPORT THE FIND TO THE OWNER SO THAT THE PROPER AUTHORITY MAY BE NOTIFIED.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.

EARTHWORK
I. GENERAL
1.01 SUBMITTALS
A. EROSION AND CONTROL MEASURES
B. COMPACTION TESTS
C. SOIL CLASSIFICATION TESTS
D. PRESERVATION PLANS
1–02 SITE EXAMINATION
A. CONTRACTORS, BEFORE SUBMITTING BIDS, SHALL INFORM THEMSELVES AS TO LOCATION AND NATURE OF THE WORK, CHARACTER OF EQUIPMENT AND FACILITIES NEEDED FOR PERFORMANCE OF THE WORK, GENERAL AND LOCAL CONDITIONS PREVAILING AT THE SITE, AND OTHER MATTERS WHICH MAY IN ANY WAY, AFFECT THE WORK UNDER CONTRACT.
B. EXAMINE SOURCES OF INFORMATION CONCERNING GROUND WATER LEVEL, WHETHER SURFACE OR SUBSURFACE. EACH BIDDER TO DRAW HIS OWN CONCLUSION CONCERNING GROUND WATER LEVELS AND HOW WATER AFFECTS HIS WORK.
1–03 SUBSURFACE INVESTIGATIONS
A. SUBSURFACE DATA, INCLUDING GROUND WATER ELEVATIONS OR CONDITIONS, IF SHOWN ON THE DRAWINGS OR ATTACHED TO THESE SPECIFICATIONS, ARE PRESENTED ONLY AS INFORMATION THAT IS AVAILABLE WHICH INDICATED CERTAIN CONDITIONS FOUND AND LIMITED TO THE EXACT LOCATIONS SHOWN, NOT BE INTERPRETED AS AN INDICATION OF CONDITIONS THAT MAY ACTUALLY BE DEVELOPED THROUGH THE PERIOD OF CONSTRUCTION. BIDDERS SHALL EXAMINE THE SITE OF THE WORK AND MAKE THEIR OWN DETERMINATION OF THE CHARACTER OF MATERIALS AND THE CONDITIONS TO BE ENCOUNTERED ON THE WORK, AND THEIR PROPOSAL SHALL BE BASED UPON THEIR OWN INVESTIGATIONS. THE OWNER AND ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR VARIATIONS FOUND TO EXIST BETWEEN THE ATTACHED DATA ABOVE REFERRED TO AND ACTUAL FIELD CONDITIONS THAT DEVELOP THROUGH THE PERIOD OF CONSTRUCTION.
B. WHERE EXISTING GRADES, UTILITY LINES AND SUBSTRUCTURES ARE SHOWN ON THE DRAWINGS, THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR CORRECTNESS OF EXISTING CONDITIONS INDICATED. THE CONTRACTOR SHALL ASCERTAIN EXACT LOCATIONS OF UTILITIES AND SUBSTRUCTURES THAT MAY BE AFFECTED BY THIS PROJECT, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY THAT MAY RESULT FROM WORK ON OR NEAR THOSE UTILITIES, SUBSTRUCTURES WHICH ARE NOT TO BE REMOVED OR DEMOLISHED.
C. THE CONTRACTOR SHALL MAKE HIS OWN DEDUCTIONS OF THE SUBSURFACE CONDITIONS WHICH MAY AFFECT METHODS OR COST OF CONSTRUCTION AND HE AGREES THAT HE WILL MAKE NO CLAIM FOR DAMAGES OR OTHER COMPENSATION EXCEPT SUCH AS ARE PROVIDED FOR IN THE AGREEMENT, SHOULD HE FIND CONDITIONS DURING THE PROGRESS OF THE WORK DIFFERENT FROM THOSE AS CALCULATED OR ANTICIPATED BY HIM.
1–04 BENCH MARKS AND MONUMENTS
A. MAINTAIN CAREFULLY ALL DISTING BENCH MARKS, MONUMENTS, AND OTHER REFERENCE MARKS DISTURBED OR DESTROYED, REPLACE AS DIRECTED.
1–05 JOB CONDITIONS
A. CONDITION OF PREMISES: ACCEPT SITE AS FOUND AND EXCAVATE, FILL, COMPACT, AND BACKFILL SITE AS HEREINAFTER SPECIFIED.
B. PROTECTION
   1. EXISTING STRUCTURES AND PROPERTY: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES AND UTILITIES; PROVIDE AND PLACE BRACING OR SHORING AS NECESSARY OR PROPER IN CONNECTION THEREWITH; BE RESPONSIBLE FOR SAFETY AND SUPPORT OF SUCH STRUCTURES; BE LIABLE FOR ANY DAMAGE OR INJURY CAUSED, ANY DAMAGE OR INJURY CAUSED THEREBY OR RESULTING THEREFROM. IF AT ANY TIME SAFETY OF ANY ADJACENT STRUCTURES APPEARS TO BE ENDANGERED BY EXCAVATION, TAKE PRECAUTIONS TO SUPPORT SUCH STRUCTURES AND NOTIFY THE OWNER. UTILITY COMPANY SHALL ALSO DISCUSS PROCEDURES REQUIRED FOR THE OWNER.
   2. SIDEWALKS AND STREETS: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY SIDEWALKS, CURBS OR STREET PASSAGES ON ADJOINING SITE; BE LIABLE FOR ANY SUCH MOVEMENT, SETTLEMENT OR COLLAPSE; REPAIR PROMPTLY ANY DAMAGE CAUSED THEREBY. DO NOT CLOSE OR OBSTRUCT STREETS INCLUDING STEET PILING, AS MAY BE REQUIRED DURING EXCAVATION, TO PROTECT BANKS, ADJACENT PAVING, SIDEWALKS AND STRUCTURES.
   3. RESPONSIBILITY: BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING STRUCTURES OR TO PROPERTY CAUSED BY SETTLEMENT OR LATERAL MOVEMENT WHICH ARE DUE DIRECTLY OR INDIRECTLY TO CONSTRUCTION OPERATIONS, EXCEPT WHERE SUCH DAMAGE IS NECESSARY FOR GRADING OR LOCATION OF NEW BUILDING. USE EVERY POSSIBLE PRECAUTION TO PREVENT INJURIES TO LANDSCAPING, DRIVES, CURBS AND WALKS ON OR ADJACENT TO SITE OF THE WORK AND REPLACE, AT NO EXPENSE TO OWNER, ANY OF SUCH DESTROYED.

II. EXECUTION
2–01 GENERAL
A. WORK SHALL BE COMPETED IN A MANNER THAT PROVIDES FOR THE SAFETY OF THE PUBLIC AND WORKMEN AND PROVIDES FOR THE PROTECTION OF ALL PROPERTY.
B. CONSTRUCTION: DO NOT CLOSE, OBSTRUCT OR STORE MATERIAL OR EQUIPMENT IN STREETS, SIDEWALKS, ALLEYS OR PUBLIC WAYS WITHOUT A PERMIT IN ACCORDANCE WITH LOCAL ORDINANCES, REGULATIONS AND CODES.
C. INTERFERENCE: CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE WITH ROADS, STREETS, AND DRIVEWAYS, ALL SIDEWALKS SHALL BE KEPT CLEAR.
D. PNEUMATIC TOOLS: WORK WITH PNEUMATIC OR VIBRATORY TOOLS WILL BE PERMITTED ONLY IN A MANNER WHICH CAUSES NO RELATED DAMAGES.
E. REMOVAL: UNLESS OTHERWISE NOTED OR SPECIFIED TO BE RELOCATED OR STORED, ALL MATERIALS REMOVED FROM THE SITE SHALL BECOME THE CONTRACTOR AND ARE TO BE REMOVED COMPLETELY AWAY FROM THE SITE BY HIM. DO NOT STORE OR PERMIT DEBRIS TO ACCUMULATE ON THE SITE.
F. TEMPORARY STRUCTURES: REMOVE ALL TEMPORARY STRUCTURES WHEN THEY ARE NO LONGER REQUIRED.
G. REPAIR: CLEAN UP, REPAIR OR REPLACE AT NO COST TO OWNER ALL PROPERTY DAMAGED BY REASON OF REQUIRED WORK. ALL PATCHWORK SHALL MATCH EXISTING AND BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER BY CRAFTSMEN SKILLED IN THE TRADE INVOLVED. IN NEWLY GRADED AREAS TAKE EVERY PRECAUTION AND TEMPORARY MEASURES NECESSARY TO PREVENT DAMAGES.

GENERAL REQUIREMENTS

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS AND SHALL NOTIFY ENGINEER OR RECORD IMMEDIATELY OF ANY ERRORS, OMISSIONS OR DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
2. ALL MATERIALS, EQUIPMENT, CONNECTORS, AND WORK SHALL MEET OR EXCEED THE DESIGN DATA AND COMPLIANCE CODE CITED.
3. ENGINEER IS NOT RESPONSIBLE FOR ANY SUPERVISION DURING CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND DETERMINE THE LOCATION OF ALL ADJACENT UNDERGROUND UTILITIES PRIOR TO COMMENCING EXCAVATION AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR MAINTAINS THE RESPONSIBILITY FOR ALL CONSTRUCTION MEANS, METHODS AND TECHNIQUES REQUIRED FOR THE CONNECTIONS OF ALL ROOF, WALL AND FLOOR SYSTEMS. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER.
6. THE STRUCTURAL INTEGRITY OF THE STRUCTURES SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION ACCORDING TO PLANS AND SPECIFICATIONS. STRUCTURAL TRUSSES ARE NOT SELF SUPPORTING DURING CONSTRUCTION AND REQUIRE TEMPORARY BRACING UNTIL PERMANENTLY APPLIED TO STRUCTURE AS DIRECTED. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION UNLESS THE CONSTRUCTION METHOD AND BRACING ARE INCLUDED IN THE PLANS AND SPECIFICATIONS, OR ARE SUPERVISED BY THE STRUCTURAL ENGINEER DURING CONSTRUCTION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK. THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISION / AUTHORITY OR ACTUAL AND/OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND/OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES OF THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.
8. IN ADDITION TO THE DEMOLITION WORK INDICATED ON THE DRAWINGS, MINOR LOCAL DEMOLITION OF EXISTING ELEMENTS MAY BE REQUIRED TO PERFORM THE STRUCTURAL WORK AS INDICATED ON THE PLANS, SECTIONS, AND DETAILS.
9. DISCHARGE ALL DRAIN LINES, CONDENSATE LINES, DOWN SPOUT, ETC. AT LEAST 7' FROM BUILDINGS.
10. ANY CHANGES OR SUBSTITUTIONS SHALL BE APPROVED BY THE ENGINEER.
11. DISSIMILAR METALS SHALL BE ISOLATED TO PREVENT GALVANIC ACTION.
12. FIELD VERIFY ALL EXISTING ABOVE AND BELOW GROUND CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.
13. THE STRUCTURAL DESIGN OF BUILDING IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS, WITH NO PROVISION FOR CONDITION OCCURRING DURING CONSTRUCTION. THEREFORE, CONTRACTOR SHALL PROVIDE ADEQUATE BRACING DURING CONSTRUCTION.
14. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
15. CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL NECESSARY PERMITS FROM GOVERNING AUTHORITY, INCLUDING STRUCTURAL, ELECTRICAL, PLUMBING, AND ALL OTHERS REQUIRED TO COMPLETE THE JOB.

STRUCTURAL LOADS

1. GOVERNING BUILDING CODE: 2020 FLORIDA BUILDING CODE
2. OCCUPANCY: S-1
3. DESIGN LOADS:

MAINTENANCE GARAGE:

STRUCTURAL LOADS (LIVE LOADS PER FBC TABLE 1607.1)
- ROOF LIVE LOAD ____ PSF PER PRE-ENG BUILDING SUBMITTAL
- ROOF DEAD LOAD ____ PSF PER PRE-ENG BUILDING SUBMITTAL
- FLOOR LIVE LOAD ____ 125 PSF
- FLOOR DEAD LOAD ____ 15 PSF
- MEZZANINE LIVE LOAD ____ 125 PSF
- MEZZANINE DEAD LOAD ____ 20 PSF

WIND LOADS (PER ASCE 7-16)
- BUILDING RISK CATEGORY (TABLE 1.5-1) ____ CATEGORY 2
- BASIC WIND SPEED (FIG. 26.5-1A)
  - ULTIMATE (V_{ult}) (THREE SECOND GUST) ____ 130 MPH
  - NORMAL (V_{asd}) ____ 101 MPH
- IMPORTANCE FACTOR (TABLE 1.5-2) ____ 1.00
- EXPOSURE CATEGORY (26.7.3) ____ EXPOSURE D
- INTERNAL PRESSURE COEFFICIENT (TABLE 26.13-1) ____ ±0.18 (ENCLOSED)
- COMPONENTS & CLADDING WIND PRESSURES ____ PER PLAN

COVERED STORAGE

STRUCTURAL LOADS (LIVE LOADS PER FBC TABLE 1607.1)
- ROOF LIVE LOAD ____ 20 PSF
- ROOF DEAD LOAD ____ 5 PSF
- FLOOR LIVE LOAD ____ 125 PSF
- FLOOR DEAD LOAD ____ N/A

WIND LOADS (PER ASCE 7-16)
- BUILDING RISK CATEGORY (TABLE 1.5-1) ____ Category I
- BASIC WIND SPEED (FIG. 26.5-1A)
  - Ultimate (V_{ult}) (THREE SECOND GUST) ____ 116 MPH
  - Nominal (V_{asd}) ____ 90 MPH
- IMPORTANCE FACTOR (TABLE 1.5-2) ____ 1.00
- EXPOSURE CATEGORY (26.7.3) ____ EXPOSURE D
- INTERNAL PRESSURE COEFFICIENT (TABLE 26.13-1) ____ (OPEN)
- COMPONENTS & CLADDING WIND PRESSURES ____ PER PLAN

GEOTECHNICAL DESIGN DATA (PER FBC 1806.1)
- DATA SOURCE: PENDING GEOTECHNICAL REPORT

RAIN DESIGN DATA (PER FBC 1611)
- DESIGN RAIN EVENT ____ 100-YEAR, 1-HR
- DESIGN RAINFALL (FIG. 1611) ____ 4.5-IN

FLOOD DESIGN DATA (PER FBC 1612)
- FEMA FIRM MAP ____ 12021C0615H
- FEMA FIRM MAP PANEL ____ 615 OF 1125
- BASE FLOOD ELEVATION ____ AE-7

STAIR DESIGN LOADS
- LIVE LOAD ____ 60 PSF
- CONCENTRATED LIVE LOAD ____ 300 LB

HANDRAIL AND GUARDRAIL DESIGN LOADS
- CONCENTRATED LOAD ____ 200 LB
- UNIFORM LINEAR LOAD ____ 50 PLF

SHOP DRAWINGS

1. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW. NO MODIFICATIONS OR SUBSTITUTION OF DRAWINGS AND SPECIFICATIONS WILL BE ACCEPTED VIA SHOP DRAWINGS REVIEW. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW:
   - 1.1. SUBMIT CONCRETE TEST RESULTS FOR CYLINDER STRENGTH TESTS AND SLUMP TESTS
   - 1.2. SUBMIT CONCRETE MIX DESIGN PER SPECIFICATIONS IN "CAST IN PLACE CONCRETE" ITEM 26.1
   - 1.3. SUBMIT REBAR SHOP DRAWINGS PER SPECIFICATIONS IN "CAST IN PLACE CONCRETE" ITEM 26.2
   - 1.4. SUBMIT DENSITY TEST RESULTS PER SPECIFICATIONS IN "FOUNDATION SOIL & TREATMENT" ITEM 2.1
   - 1.5. SUBMIT DETAILED PLANS FOR ALL PRE-ENG. METAL BUILDING OR STRUCTURES BEARING THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER AS THE SPECIALTY ENGINEER
   - 1.6. SUBMIT DETAILED PLANS FOR DRY PROOFING WALL PANELS BEARING THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER AS THE SPECIALTY ENGINEER AND INSTALLATION SPECIFICATIONS.
   - 1.7. ANY PROPOSED ALTERNATIVES TO PRODUCTS SPECIFIED IN PLANS.
2. CONTRACTOR SHALL REVIEW AND STAMP SHOP DRAWINGS PRIOR TO SUBMISSION TO THE STRUCTURAL ENGINEER. CONTRACTOR SHALL REVIEW FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS.
3. SUBMIT SHOP DRAWINGS TO THE STRUCTURAL ENGINEER AS INDICATED OR SPECIFIED FOR REVIEW PRIOR TO FABRICATION. REVIEW WILL BE FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT CONVEYED IN CONTRACT DOCUMENTS.
4. WHEN ENGINEER IS REQUIRED TO SIGN AND STAMP SHOP DRAWINGS AND CALCULATIONS, ENSURE SEAL INDICATES ENGINEER AS REGISTERED IN THE STATE WHERE PROJECT SITE OCCURS.
5. SHOP DRAWINGS ARE NOT PART OF CONTRACT DOCUMENTS. THEREFORE, STRUCTURAL ENGINEER'S REVIEW DOES NOT CONSTITUTE OR AUTHORIZATION TO DEVIATE FROM THE TERMS AND CONDITIONS OF THE CONTRACT.
6. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF COORDINATION WITH OTHER PORTIONS OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS (IF REQUIRED), OR WHERE MODIFICATIONS OR SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR REVIEW PER PARAGRAPH ABOVE 6. - SUBMIT SHOP DRAWINGS AND CALCULATIONS TO GOVERNING CODE AUTHORITY WHEN SPECIFICALLY INDICATED OR REQUESTED.
7. MAINTAIN A COPY OF ALL SHOP DRAWINGS ACCEPTED BY THE STRUCTURAL ENGINEER AT SITE DURING CONSTRUCTION PERIOD.
8. STRUCTURAL ENGINEER REQUIRES 10 WORKING DAYS AFTER RECEIPT OF SHOP DRAWINGS AND CALCULATIONS FOR PROCESSING.

FOUNDATION SOIL & TREATMENT

1. FOUNDATION AND SLAB NOTES: SUB-GRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS, SHALL CONFORM STRICTLY WITH RECOMMENDATIONS GIVEN IN THE SOILS REPORT OR AS DIRECTED BY THE PROJECT REPRESENTATIVE.
2. ALL FILL SHALL BE CLEAN SELECT MATERIAL FREE OF DELETERIOUS MATERIALS SUCH AS WOOD, ROOTS, TRASH, OR OTHER EXTRANEOUS MATERIALS. PLACE FILL IN 8" LIFTS, MEASURED LOOSE, AND COMPACT EACH LIFT TO 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS MEASURED BY ASTM D698.
   - 2.1. 98% COMPACTION SHALL BE ACHIEVED AT ALL LOCATIONS WHERE NEW CONCRETE IS TO BE POURED, INCLUDING ALL SLABS AND FOUNDATIONS. NUMBER AND LOCATION OF TESTS SHALL BE DIRECTED BY THE ENGINEER OF RECORD.
3. FOUNDATION CONCRETE SHALL BE PLACED BEFORE DETERIORATION OF THE SUBGRADE DUE TO WEATHER, GROUND WATER SEEPAGE, FOOT TRAFFIC, OR CONSTRUCTION OPERATIONS. ANY PORTIONS OF THE SUBGRADE PERMITTED TO DETERIORATE SHALL BE REMOVED AND REPLACED WITH AN APPROVED COMPACTED BACKFILL OR LEAN CONCRETE (FLOWABLE FILL) WITHOUT ADDITIONAL COMPENSATION TO THE CONTRACTOR.

CAST IN PLACE CONCRETE

1. CONCRETE TO BE NORMAL WEIGHT WITH THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28 DAYS:
   - FOUNDATIONS, MISC. CONCRETE ..... 3,000 PSI
2. CONCRETE SHALL BE READY-MIX PER ASTM C94:
   - PORTLAND CEMENT - ASTM C150
   - AGGREGATES - ASTM C33 (3/4" MAX.)
   - NO CALCIUM CHLORIDE
   - AIR ENTRAINING - ASTM C260
   - WATER REDUCERS - ASTM C494
   - FLY ASH - ASTM C618 CLASS F (20% MAXIMUM BY WEIGHT)
   - WATER - CLEAN AND POTABLE
3. REINFORCING STEEL:
   - FOUNDATION SLABS, FOOTINGS, CMU BALLS & TIE-BEAMS, ... ASTM A615, CHROMIX COATED GRADE 60, f_y = 60,000 psi
4. REQUIRED SLUMP RANGE: + 3" TO 5".
5. WELDED WIRE FABRIC: ASTM A-185. FURNISH SHEETS, NOT ROLLS.
6. MOISTURE BARRIER: 6 MIL POLYETHYLENE. LAP 6" AND TAPE ALL JOINTS.
7. CODES AND STANDARDS: (CURRENT EDITIONS)
   - ACI 301 "SPEC. FOR STRUCTURAL CONCRETE FOR BUILDINGS."
   - ACI 305 "RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING."
   - ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
   - ACI 315 (SP66-04) "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."
8. MINIMUM LAP SPLICES = CLASS 'B'
9. PROVIDE PROPERLY TIED SPACERS, CHAIRS, BOLSTERS, ETC., AS REQUIRED AND NECESSARY TO ASSEMBLE, PLACE AND SUPPORT ALL REINFORCING IN PLACE. USE WIRE BAR TYPE SUPPORTS COMPLYING WITH CRSI RECOMMENDATIONS. USE PLASTIC TIP LEGS ON ALL EXPOSED SURFACES.
10. ALL BEAMS AND SLABS SHALL BE POURED MONOLITHICALLY, EXCEPT FOR REQUIRED CONSTRUCTION JOINTS. PROPOSED CONSTRUCTION JOINT LOCATION SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL.
11. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, SLEEVES, AND SLAB RECESSES AS REQUIRED BY OTHER TRADES BEFORE CONCRETE IS PLACED. NO SLEEVE, OPENING, OR INSERT MAY BE PLACED IN BEAMS, JOISTS, OR COLUMNS UNLESS APPROVED BY THE ENGINEER.
12. CONTRACTOR SHALL VERIFY EMBEDDED ITEMS, INCLUDING BUT NOT LIMITED TO ANCHOR BOLTS, BOLT CLUSTERS, WELD PLATES, ETC., BEFORE PLACING CONCRETE. NOTIFY ENGINEER OF ANY CONFLICTS WITH REBAR.
13. SEE PROJECT PLANS AND SPECIFICATIONS FOR REQUIRED CONCRETE FINISHES. ALL FINISHES TO BE APPROVED BY OWNER PRIOR TO FINISHING.
14. ALL CONCRETE SHALL BE CURED IMMEDIATELY AFTER FINISHING OPERATIONS IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS:
    - APPLY A LIQUID MEMBRANE FORMING CHEMICAL CURING COMPOUND IN ACCORDANCE WITH ASTM C309.
    - PROVIDE CONTINUOUS MOISTURE TO CONCRETE IN ACCORDANCE WITH ACI 301.
15. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE PROPER DESIGN AND CONSTRUCTION OF ALL FORM WORK, SHORING, AND RE-SHORING. DESIGN SHALL BE PERFORMED BY A LICENSED FLORIDA ENGINEER.
16. A QUALIFIED TESTING LABORATORY SHALL BE RETAINED TO PERFORM THE FOLLOWING CONCRETE TESTS ON SITE:
    - CYLINDER STRENGTH TESTS - ASTM C39: ONE SET OF FOUR CYLINDERS FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF. TEST ONE CYLINDER AT 7 DAYS AND TWO AT 28 DAYS. HOLD THE FINAL CYLINDER IN RESERVE.
    - SLUMP TESTS - ASTM C143.
17. ONE COPY OF ALL TEST REPORTS SHALL BE SENT DIRECTLY TO THE CITY, ENGINEER OF RECORD, AND GENERAL CONTRACTOR.
18. RESTRICT THE ADDITION OF MIX WATER AT THE JOB SITE. DO NOT ADD WATER WITHOUT THE APPROVAL OF THE GENERAL CONTRACTOR AND DO NOT EXCEED SLUMP LIMITATIONS OR TOTAL ALLOWABLE WATER TO CEMENT RATIO. USE COLD WATER FROM THE TRUCK TANK AND RE-MIX TO ACHIEVE CONSISTENCY. TEST REPORTS SHALL INDICATE QUANTITY OF WATER ADDED AT THE JOB SITE. ALL TESTS SHALL BE PREPARED AFTER THE ADDITION OF WATER TO THE MIX.
19. CONCRETE SHALL BE PLACED WITHIN 90 MINUTES OF BATCH TIME.
20. WHERE BAR LENGTHS ARE GIVEN ON DRAWINGS, LENGTH OF HOOK, IF REQUIRED IS NOT INCLUDED.
21. PROVIDE COMPATIBLE FORM COATING COMPOUNDS THAT WILL NOT BOND, STAIN, OR ADVERSELY AFFECT CONCRETE SURFACES. WET FORMS BEFORE PLACING CONCRETE.
22. ALL CONCRETE SHALL BE CONSOLIDATED IN PLACE USING INTERNAL VIBRATORS.
23. REPAIR AND PATCH DEFECTIVE AREAS WITH CEMENT MORTAR IMMEDIATELY AFTER REMOVAL OF FORMS, EXCEPT WHERE REINFORCING IS VISIBLE. CONTACT STRUCTURAL ENGINEER FOR EVALUATION OF EXPOSED REINFORCING.
24. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED CORNERS OF COLUMNS, BEAMS, AND WALLS UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS.
25. PROVIDE CORNER BARS AT ALL BEAM AND WALL FOOTING CORNERS TO MATCH HORIZONTAL BARS.
26. CONTRACTOR SHALL PROVIDE THE FOLLOWING SUBMITTALS:
    - 26.1. SUBMIT TEST RESULTS FOR CYLINDER STRENGTH TEST RESULTS AND SLUMP TESTS
    - 26.1. SUBMIT PROPOSED CONCRETE MIX DESIGN PRIOR TO CONSTRUCTION, INCLUDING BACK UP DATA IN ACCORDANCE WITH ACI 301 CHAPTER 4, SECTION 4.2.3, EXCLUDING SECTION 4.2.3.4(B).
    - 26.2. SUBMIT DETAILED SHOP DRAWINGS OF REINFORCING BARS SHOWING NUMBER, SIZES, AND LOCATION. INCLUDE BAR LISTS AND BEND DIAGRAMS.

LUMBER

1. STRUCTURAL WOOD COMPONENTS (BEAMS, JOISTS, RAFTERS, STUDS, ETC.) SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE FIBER STRESSES OF SOUTHERN PINE CONFORMING TO THE LATEST EDITION OF NDS, AS FOLLOWS:
   - 1.1. SHEAR: F_v = 175 PSI
   - 1.2. BENDING 2x4: F_b = 1500 PSI (No.1); 1200 PSI (No.2)
   - 1.3. BENDING 2x6: F_b = 1350 PSI (No.1); 1000 PSI (No.2)
   - 1.4. BENDING 2x8: F_b = 1250 PSI (No.1); 925 PSI (No.2)
   - 1.5. BENDING 2x10: F_b = 1150 PSI (No.1); 850 PSI (No.2)
   - 1.6. BENDING 2x12: F_b = 1000 PSI (No.1); 750 PSI (No.2)
   - (REFER SIZES SHOWN ARE NOMINAL UNLESS NOTED OTHERWISE.)
2. ALL WOOD IN CONTACT WITH CONCRETE, MASONRY, OR SOIL, EXPOSED TO WEATHER, OR AT OTHER LOCATIONS AS SHOWN ON STRUCTURAL DRAWINGS, SHALL BE PROTECTED OR PRESSURE TREATED IN ACCORDANCE WITH AWPA REQUIREMENTS. PRESSURE TREATMENT APPROPRIATE FOR LUMBER IN CONTACT WITH SOIL SHALL BE PROVIDED WHERE APPLICABLE.
3. WALL STUDS SHALL BE CAPPED WITH A DOUBLE PLATE, INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIONS WITH BEARING PARTITIONS.
4. ENGINEERED WOOD TRUSS SYSTEMS SHALL BE DESIGNED BY SUPPLIER'S DELEGATED ENGINEER TO CONFIGURATION AND LOAD-CARRYING CAPACITY SHOWN ON DRAWINGS AND SPECIFICATIONS. ALTERNATE TRUSS LAYOUTS ARE ACCEPTABLE ONLY AS A CHANGE ORDER WHICH WILL INCLUDE ENGINEERING CHARGES FOR REDESIGN OF THE STRUCTURE BY THE ENGINEER OF RECORD. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW AND SPECIFY ALL CONNECTION TYPES UTILIZED WITH TRUSSES, AS WELL AS CONNECTIONS UTILIZED IN ALL OTHER CONNECTIONS AND ATTACHMENTS BETWEEN TRUSSES OR COMPONENTS SUPPLIED AS PART OF THE ENGINEERED TRUSS SYSTEM. A PLACING PLAN SHALL BE INCLUDED, IDENTIFYING ALL TRUSS SYSTEM COMPONENTS, AS WELL AS ALL PERMANENT BRACING REQUIRED FOR TRUSS DESIGN.
5. ENGINEERED SHOP DRAWINGS SHALL BEAR THE SIGNATURE AND IMPRESSED SEAL OF A FLORIDA REGISTERED PROFESSIONAL ENGINEER AS THE SPECIALTY ENGINEER. THE FOLLOWING LOAD DURATION FACTORS SHALL BE USED:
   - 5.1. DEAD LOAD: 0.90
   - 5.2. DEAD LOAD + FLOOR LIVE LOAD: 1.00
   - 5.3. DEAD LOAD + ROOF LIVE LOAD: 1.25
   - 5.4. DEAD LOAD + WIND LOAD: 1.33
6. PLYWOOD FLOOR, WALL, AND ROOF SHEATHING ARE DESIGNED AS DIAPHRAGMS AND SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 23 OF THE FLORIDA BUILDING CODE UNLESS SHOWN OTHERWISE. SPAN RATED PANELS SHALL BE FASTENED TO NOMINAL 2X SOUTHERN PINE FRAMING SPACED UP TO 24" O.C. IN ACCORDANCE WITH THE FOLLOWING:
   - 6.1. PANELS UP TO 5/8" THICK: 8d NAILS AT 6" O.C. ALONG SUPPORTED PANEL EDGE, 6" O.C. ELSEWHERE, U.N.O.
   - 6.2. PANELS UP TO 3/4" THICK: 10d NAILS AT 6" O.C. ALONG SUPPORTED PANEL EDGE, 6" O.C. ELSEWHERE, U.N.O.
7. ROOF SHEATHING SHALL BE NAILED WITH RING-SHANK NAILS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.
8. AT GABLE END WALLS, GABLE END TRUSSES, AND ALL COMPONENT AND CLADDING EDGE STRIP 'S' LOCATIONS, SPACE NAILS AT 4" O/C AT ALL EDGES AND INTERMEDIATE SUPPORTS.
9. ROOF AND FLOOR SHEATHING SHALL BE INSTALLED LONG DIMENSION PERPENDICULAR TO FRAMING AND END JOINTS SHALL BE STAGGERED.
10. NAILING, JOIST BLOCKING, AND RAFTER BLOCKING SHALL MEET THE MINIMUM REQUIREMENTS OF CHAPTER 23 OF THE FLORIDA BUILDING CODE UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED ON THE PLANS.
11. ALL CONNECTIONS SHALL BE STAINLESS STEEL OR ZMAX. CONNECTION MODEL NUMBERS SHOWN ARE STRONG-TIE CONNECTORS AS MANUFACTURED BY SIMPSON STRONG-TIE CO. 4120 DUBLIN BLVD. #400, DUBLIN, CA 94568. SUBSTITUTIONS ARE ACCEPTABLE WITH THE APPROVAL OF THE STRUCTURAL ENGINEER, UNLESS SHOWN OTHERWISE. INSTALL SIZE AND NUMBER OF FASTENERS SHOWN IN THE LATEST SIMPSON CATALOG. ALL CONNECTIONS TO PRESSURE TREATED LUMBER SHALL BE TRIPLE GALVANIZED (Z MAX) OR STAINLESS STEEL.

WELDING

1. ALL WELDING SHALL CONFORM TO AWS SPECIFICATIONS, LATEST EDITION.
2. WELDING SHALL BE DONE BY WELDERS WITH CERTIFICATION USING E70XX SERIES LOW HYDROGEN ELECTRODES FOR ALL WELDING OF HIGH STRENGTH STEELS AND FOR FIELD WELDING.
3. WELDS SHOWN ON STRUCTURAL DRAWINGS ARE MINIMUM DESIGN REQUIREMENTS. THE FABRICATOR'S SHOP DRAWINGS SHALL SHOW WELDS IN ACCORDANCE WITH AISC/AWS REQUIREMENTS.

WIND BORNE DEBRIS REGION REQUIREMENTS

1. ALL WINDOWS, DOORS, AND OTHER COMPONENTS AND CLADDING AS REQUIRED SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SECTION 1609.1 OF THE 2020 FLORIDA BUILDING CODE FOR DESIGN PRESSURES GENERATED BY AN ULTIMATE DESIGN WIND VELOCITY AS NOTED IN SECTION STRUCTURAL LOADS.
2. THE BUILDER SHALL PROVIDE NECESSARY COPIES OF DETAILS, CERTIFICATIONS, ETC., TO THE BUILDING DEPARTMENT TO SHOW COMPLIANCE WITH THIS PARAGRAPH.
3. THE ENGINEER OF RECORD DOES NOT CERTIFY THE STRUCTURAL INTEGRITY OF THESE ITEMS.
4. DESIGN WIND PRESSURES FOR MAINTENANCE GARAGE ARE BASED ON AN ENCLOSED STRUCTURE CLASSIFICATION, THEREFORE, IMPACT RESISTANT GLASS OR COVERING PER SECTION 1609.1.2 IS REQUIRED.
5. IMPACT GLASS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST AND/OR THE SMALL MISSILE TEST DEPENDING UPON THE LOCATION OF THE OPENING.

CHEMICAL (ADHESIVE) ANCHORS

SHALL BE AN EQUAL TWO PART EPOXY POLYMER INJECTION SYSTEM, SUCH AS HED-HEAD EPCON, SIMPSON SET EPOXY, OR HILTI HIT-HY 200 EPOXY DOWELING SYSTEM, OR ENGINEER APPROVED SUBSTITUTION, INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. INSTALLERS SHALL BE TRAINED BY THE MANUFACTURER'S REPRESENTATIVE. MINIMUM EMBEDMENT SHALL BE TWELVE (12) TIMES FASTENER DIAMETER UNLESS NOTED OTHERWISE.

CONSTRUCTION OBSERVATION

THE STRUCTURAL ENGINEER OF RECORD HAS NOT BEEN RETAINED TO PERFORM CONSTRUCTION OBSERVATION SERVICES FOR THIS PROJECT. THEREFORE, ANY AS-BUILT CONSTRUCTION OR CHANGES MADE TO THE STRUCTURE OR TO THESE PLANS WITHOUT THE ENGINEER'S WRITTEN CONSENT SHALL RENDER THE DESIGN AND THE ENGINEERS SEAL ON THESE PLANS NULL AND VOID.

WOOD PRESERVATION TREATMENT

APPLICATION	AWPA USE CATEGORY	TREATMENT (LBS/CU FT.)
IN CONTACT WITH METAL ROOFING	UC2	0.09 PCF PTI OR EQUAL, (0.075 PCF EL2, 0.04 PCF ICA-C, 0.15 PCF MCA, OR 0.11 PCF SBX)
ABOVE GROUND USE	UC3B	ACQ 0.25
CONCRETE OR GROUND CONTACT, IN-GROUND USE, DECKING, ROOF COMPONENTS	UC4A	0.40 PCF ACQ OR EQUAL, (.004 PCF UCA-C , 0.15 PCF MCA, OR 0.15 PCF CA)
STRINGERS 4 BENTS 2X6 - 2X10, ROOF POSTS 6X6-10X10	UC4A/B	0.60 PCF ACQ OR 0.31 PCF CA OR 0.23 PCF OF UCA-C OR MCA
SPLIT PILE CAP 3X10, STRINGERS 4 BENTS 2X8-3X10	UC4B	0.60 PCF CCA
UPLAND PILES IN-GROUND OR FRESHWATER PILES	UC4C	0.60 PCF CCA OR 0.41 CA
SALTWATER EXPOSURE PILES, CROSS BRACING, AND WALERS	UC5C	CCA 2.5G OR DUAL TREATMENT WHERE PHOLADS OR SPHAEROMA TEREDRANS ARE PRESENT: FIRST: CCA 1.0G SECOND: CR OR CR-S 30.0G

TENSION LAP SPLICE SCHEDULE (CLASS B)

f'_c=3000 psi. f_y=60,000 psi.

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
TOP BAR	28"	37"	48"	56"	81"	93"	105"	118"	131"
OTHER BAR	22"	29"	36"	43"	63"	72"	81"	91"	101"

TENSION LAP SPLICE SCHEDULE (CLASS B)

f'_c=4000 psi. f_y=60,000 psi.

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
TOP BAR	24"	32"	40"	48"	70"	80"	90"	102"	113"
OTHER BAR	19"	25"	31"	37"	54"	62"	70"	79"	87"

TENSION LAP SPLICE SCHEDULE (CLASS B)

f'_c=5000 psi. f_y=60,000 psi.

BAR SIZE	#3	#4	#5	#6	#7	#8	#9	#10	#11
TOP BAR	22"	29"	36"	43"	63"	72"	81"	91"	101"
OTHER BAR	17"	22"	28"	33"	49"	55"	63"	70"	78"

1. LAP SPLICES ARE IN ACCORDANCE WITH ACI 318.
2. CLEAR SPACING OF BARS IS 2db AND CLEAR COVER IS NOT LESS THAN db OR CLEARANCES AND TIES PER ACI 318, SECTION 12.2.2.
3. TOP BAR SPLICE IS REQUIRED WHERE MORE THAN 12 INCHES OF CONCRETE IS CAST IN THE MEMBER BELOW HORIZONTAL REINFORCEMENT

STRUCTURAL SET PLAN INDEX

G002 GENERAL NOTES

STRUCTURAL DRAWINGS
S000 GARAGE FOUNDATION PLAN
S200 GARAGE FLOOR PLAN
S201 STORAGE PLAN & ELEVATION
S300 GARAGE ELEVATIONS AND BUILDING SECTION
E000 GARAGE ELECTRICAL

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
- MAINTENANCE GARAGE
  - Building Risk Category: 2
  - Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
  - Wind Importance Factor: 1.0 / Wind Exposure: D
  - Internal Pressure Coefficient: ±0.18 (Enclosed)
  - Component & Cladding Wind Pressure: per Calc
- COVERED STORAGE
  - Building Risk Category: 1
  - Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
  - Wind Importance Factor: 1.0 / Wind Exposure: D
  - Internal Pressure Coefficient: (OPEN)
  - Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

WEILER ENGINEERING CORPORATION
201 WEST MARION AVENUE, SUITE 205
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

Project Information
Approved By: CTM | Design:
Scale: N/A | Drawn:
Job No.: 21045.008 | Checked:
Date Issued: 01/10/2023

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHEET DESCRIPTION: STRUCTURAL GENERAL NOTES

No.	Description	Revisions
1		
2		
3		
4		
5		

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Robin C. Palmer,
Professional Engineer,
State of Florida,
License No. 66050
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01/10/2023
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Sheet No. G

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

USER: mgering PLOTTED: THU 01/02 LAYOUT: XR \2021\21.045.008 Rookery Bay Maintenance Building\DWG Structural\21.045.008Rookery Bay Maint Bldg 20220906.dwg, 01 Jan 10, 2023 @ 2:35pm

USER: mgering PLOTTED THE C100_AERIAL24X36 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:37pm

GRAPHIC SCALE
(IN FEET)
1" = 30'

SHEET NO. C100

ROOKERY BAY RESEARCH RESERVE

SHEET TITLE
2019 AERIAL PHOTOGRAPH

PROJECT TITLE
REPLACEMENT POLE BARN AND KAYAK COVER

Robin C. Palmer, Professional Engineer, State of Florida, License No. 90050
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01/10/2023
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DESIGNER : RCP	ISSUE DATE: 01/10/2023	SYMBOL	REVISION	DATE	SYMBOL	REVISION	
DRAWN BY: RYJ	COMP. FILE No.: 21045.008	A			C		
REVIEWED BY: RCP	STATE PROJECT No.: 61245C	B			D		

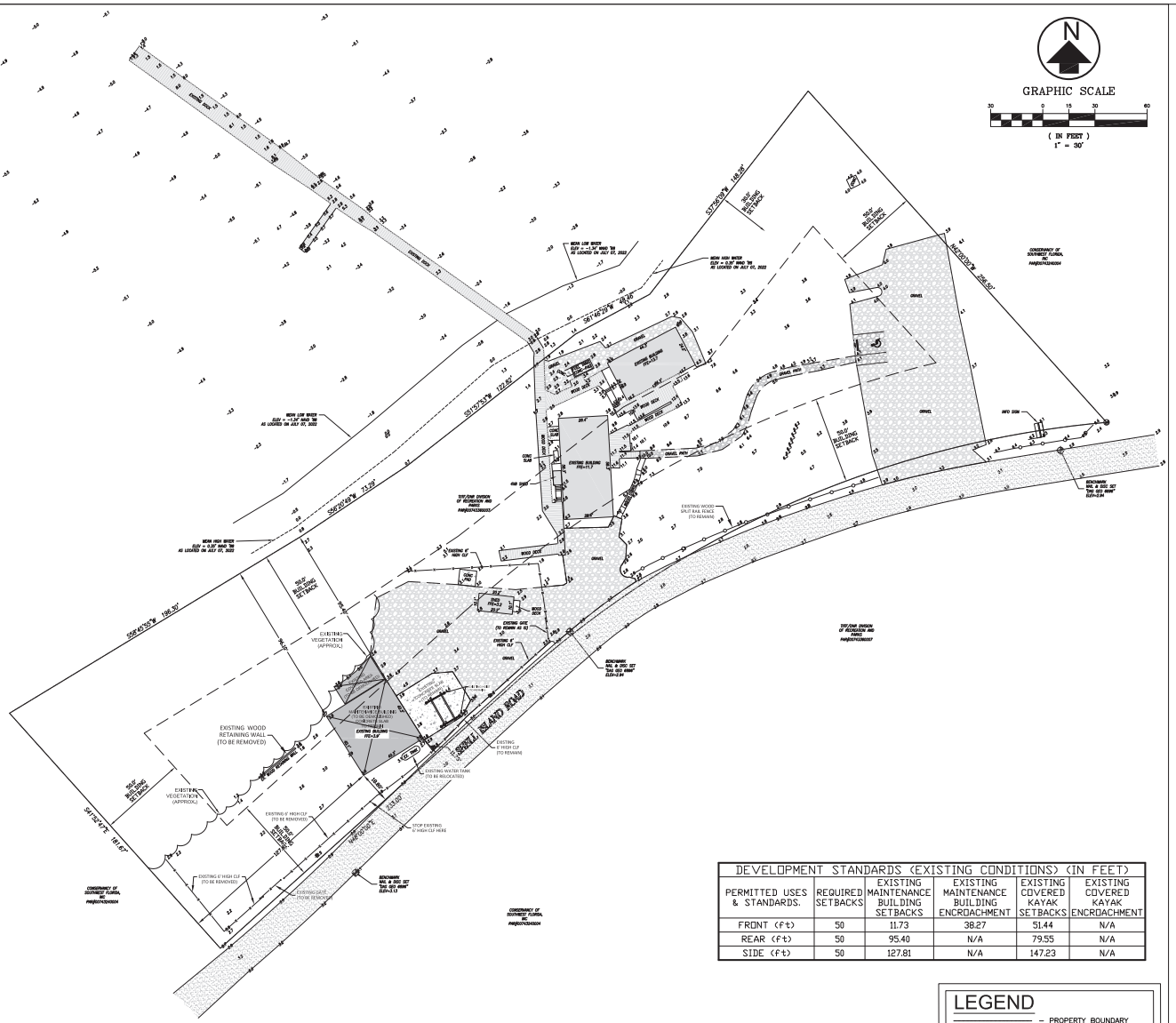
Consultant: WEILER ENGINEERING CORPORATION 30 YEARS of Service Excellence in engineering

Department of Environmental Protectio
Division of Recreation and Parks
Bureau of Design and Construction

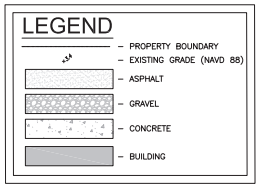
245-2

3.A.f

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY



DEVELOPMENT STANDARDS (EXISTING CONDITIONS) (IN FEET)					
PERMITTED USES & STANDARDS.	REQUIRED SETBACKS	EXISTING MAINTENANCE BUILDING SETBACKS	EXISTING MAINTENANCE BUILDING ENCROACHMENT	EXISTING COVERED KAYAK SETBACKS	EXISTING COVERED KAYAK ENCROACHMENT
FRONT (ft)	50	11.73	38.27	51.44	N/A
REAR (ft)	50	95.40	N/A	79.55	N/A
SIDE (ft)	50	127.81	N/A	147.23	N/A



GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND ACCEPTING THE EXISTING CONDITIONS OF THE SITE PRIOR TO BIDDING.
2. ALL DISTURBED AREAS WITHIN THE LIMITS OF RESTORATION SHALL BE REVEGETATED AS SPECIFIED BY THE PARK SERVICE BIOLOGIST.
3. EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL ENSURE THAT THE UTILITY SYSTEMS DO NOT CONFLICT WITH THE PROPOSED PROJECT. CONFLICTS SHALL BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES IN CONFLICT WITH THE WORK, CONSTRUCTION OF TEMPORARY UTILITIES IN THE EVENT THAT EXISTING UTILITY SERVICE MUST BE INTERRUPTED AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES THAT MAY AFFECT EXISTING OR PROPOSED UTILITIES. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON INFORMATION PROVIDED BY THE UTILITY OWNERS, AVAILABLE RECORDS, AND SURVEYED FIELD INFORMATION. THE INFORMATION MAY NOT REFLECT ACTUAL CONDITIONS, INCLUDE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED, OR SHOW THE UTILITIES IN THE CORRECT HORIZONTAL OR VERTICAL LOCATIONS. THE CONTRACTOR WILL MAKE THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS NECESSARY TO ESTABLISH THEIR LOCATIONS AND AVOID DAMAGE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL GRADE STAKES, LINES AND LEVELS.
6. THE CONTRACTOR SHALL SOLID SOD ALL DISTURBED AREAS UNLESS OTHERWISE SPECIFIED OR SHOWN. NO MESH REINFORCEMENT SHALL BE USED.
7. NO SEPARATE PAYMENT WILL BE MADE FOR DEWATERING. THE COSTS FOR DEWATERING ARE INCLUDED IN THE UNIT PRICES FOR CONSTRUCTING THIS PROJECT.
8. ALL AREAS, STREETS, DRIVEWAYS, PARKING LOTS, ETC. DISTURBED BY CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL OR BETTER CONDITION.
9. THE CONTRACTOR WILL HAVE ALL REQUIRED PERMITS IN-HAND PRIOR TO BEGINNING CONSTRUCTION, AND WILL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITS OBTAINED BY THE OWNER AND THOSE PERMITS OBTAINED BY THE CONTRACTOR.
10. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT TO THE OWNER'S PROJECT MANAGER A SCHEDULE OF VALUES, A CONSTRUCTION SCHEDULE, AND A SAFETY PLAN.
11. THE CONSTRUCTION SCHEDULE WILL DESCRIBE IN DETAIL HOW THE CONSTRUCTION IS TO BE PHASED, ESTABLISH START AND FINISH DATES FOR ALL SIGNIFICANT CONSTRUCTION ACTIVITIES, AND IDENTIFY ALL CONTROLLING ITEMS OF WORK. THE SCHEDULE IS TO BE APPROVED BY THE OWNER'S PROJECT MANAGER, AND WILL BE UPDATED ON A MONTHLY BASIS TO REFLECT ACTUAL WORK PROGRESS. PAYMENT FOR PREPARING, UPDATING AND SUBMITTING THE SCHEDULE WILL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION OR OTHER PAY ITEMS AS APPROPRIATE.
12. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN FOR APPROVAL BY THE OWNER'S PROJECT MANAGER AND WILL ADDRESS THE INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL DEVICES TO BE USED DURING EACH PHASE OF CONSTRUCTION, INCLUDING TREE REMOVAL, CLEARING AND GRUBBING, EXCAVATION, HAULING OF EXCAVATED MATERIALS, AND PLACEMENT OF EMBANKMENT AND BACKFILL. THE PLAN ALSO WILL DETAIL THE EROSION CONTROL MEASURES TO BE EMPLOYED AT ALL STOCKPILE AND CONSTRUCTION STAGING AREAS AND WILL DEFINE THE MAXIMUM LIMITS OF ALL ACTIVE CONSTRUCTION ZONES.
13. ANY NATIONAL GEODETIC SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION MUST BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PROJECT MANAGER AND:

    FDEP, BUREAU OF SURVEY AND MAPPING, MS 105
    3900 COMMONWEALTH BLVD.
    TALLAHASSEE, FLORIDA 32399
    (850) 245-2606 (OFFICE)
    (850) 245-2645 (FAX)

14. PRIOR TO ANY SCHEDULED INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. THE CONTRACTOR WILL NOTIFY THE ELECTRIC UTILITY A MINIMUM OF TWO WEEKS PRIOR TO CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES.
15. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF VEGETATION ON AND ADJACENT TO THE PROJECT SITE, AND WILL BE SOLELY LIABLE FOR DAMAGE TO VEGETATION ON PROPERTIES ADJACENT TO CONSTRUCTION WORK ZONES. ALL TREES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED EXCEPT THOSE TREES IDENTIFIED ON THE PLANS TO BE REMOVED. ALL TREES OUTSIDE THE CONSTRUCTION WORK ZONE ARE TO BE PROTECTED TO THE MAXIMUM EXTENT PRACTICABLE. TREE BARRICADES WILL BE INSTALLED AND MAINTAINED AROUND ALL TREES TO BE PROTECTED AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE PROJECT MANAGER.
17. THE CONTRACTOR IS RESPONSIBLE TO PLACE AND MAINTAIN ROADSIDE WARNING SIGNS WHEN WORK IS BEING CONDUCTED IN THE PROPERTY RIGHT OF WAY OR WHEN MACHINERY IS ENTERING AND LEAVING THE PROJECT SITE.
18. THE CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF EXCAVATED MATERIAL OFF-SITE UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER.

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.

REVISION	SYMBOL	DATE	REVISION	SYMBOL
	C			A
	D			B

ISSUE DATE: 01/10/2023
COMP. FILE No.: 21045.008
STATE PROJECT No.: 81245C

DESIGNER - RCP
DRAWN BY: RVJ
REVIEWED BY: RCP

Consultant: WILLIS ENGINEERING CORPORATION 30 YEARS WFC Excellence in engineering

Ralph C. Palmer, Professional Engineer, State of Florida, License No. 49660. This item has been digitally signed and sealed by Ralph C. Palmer, PE on the date indicated here. 01/10/2023. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

SHEET TITLE: EXISTING CONDITIONS & DEMO PLAN

PROJECT TITLE: ROOKERY BAY RESEARCH RESERVE
REPLACEMENT POLE BARN AND KAYAK COVER

SHEET NO. C10

Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction

245-2

USER: mwerling PLOTTED: THE C10_EXISTINGDEMO24X36 LAYOUT OF: W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON: Jan 10, 2023 @ 3:03pm

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

N

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1" = 30'

LEGEND

PROPERTY BOUNDARY

SF SILT FENCE

TYPICAL SILT FENCE
NOT TO SCALE

EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROL(S).
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.
4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.
5. CONTRACTOR TO INSPECT SILT FENCE DAILY AND REPAIR IMMEDIATELY IF DAMAGED.
6. THE CONTRACTOR SHALL INSTALL SILT FENCE, SYNTHETIC BALES, AND OTHER EROSION CONTROL DEVICES AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. THESE INSTALLATIONS AS SHOWN ON THE DRAWINGS SHALL BE CONSIDERED TEH MINIMUM EROSION/SILTATION PROTECTION REQUIRED FOR THE SITE. IN ADDITION THE ENGINEER, OWNER OR OWNER'S REPRESENTATIVE MAY DEEM IT NECESSARY TO INSTALL PROTECTIVE FACILITIES ELSEWHERE ON THE SITE.

SYMBOL	REVISION	DATE
C		
B		
A		

Department of Environmental Protection
Division of Recreation and Parks
Bureau of Design and Construction 245-2

DESIGNER : RCP
DRAWN BY: RVJ
REVIEWED BY: RCP

ISSUE DATE: 01/10/2023
COMP. FILE No.: 21045.008
STATE PROJECT No.: 61245C

Consultant: WELLE ENGINEERING CORPORATION 30 YEARS FLW 6666

WHC excellence in engineering

Ralph C. Palmer
Professional Engineer
State of Florida
License No. 61245
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01/10/2023
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SHEET TITLE: BEST MANAGEMENT PRACTICES & DETAIL PLAN

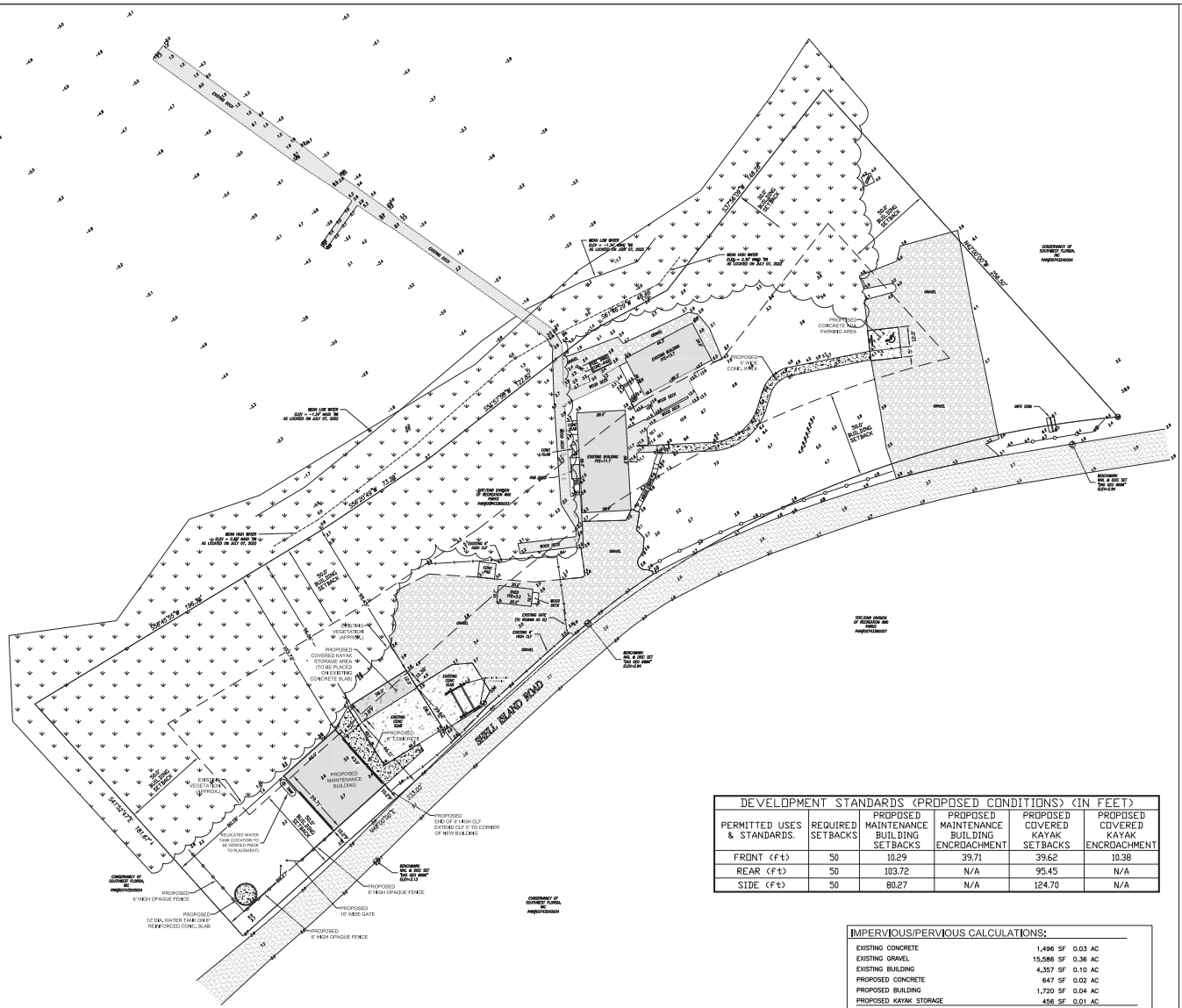
ROOKERY BAY RESEARCH RESERVE

PROJECT TITLE: REPLACEMENT POLE BARN AND KAYAK COVER

SHEET NO.
C10

USER: mwing PLOTTED: THE_C102_RMP24236 LAYOUT: OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON: Jan 10, 2023 @ 2:39pm

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY


SHELL ISLAND ROAD
PROPOSED MAINTENANCE BUILDING
PROPOSED COVERED KAYAK STORAGE AREA (TO BE PLACED ON EXISTING CONCRETE SLAB)
PROPOSED 12' DIA. WATER TANK ON 6" REINFORCED CONC. SLAB
RELOCATED WATER TANK (LOCATION TO BE VERIFIED PRIOR TO PLACEMENT)
PROPOSED 6' HIGH OPAQUE FENCE
PROPOSED 16' WIDE GATE
PROPOSED 5' WIDE CONC. WALK
PROPOSED 5' CONCRETE
PROPOSED END OF 8" HIGH CLF EXTEND CLF 5' TO CORNER OF NEW BUILDING
EXISTING VEGETATION (APPROX.)
EXISTING BUILDING (REMOVE)
EXISTING GATE (TO REMAIN AS IS)
EXISTING 6' HIGH CLF
EXISTING WOOD DECK
EXISTING CONC. SLAB
EXISTING GRAVEL
PROPOSED CONCRETE PAD PARKING AREA
PROPOSED 5' WIDE CONC. WALK
NEW LOW BRICK ELEV. = 11.40' AND TIE AS LOCATED ON JULY 01, 2022
NEW HIGH BRICK ELEV. = 11.67' AND TIE AS LOCATED ON JULY 01, 2022
NEW LOW BRICK ELEV. = 11.83' AND TIE AS LOCATED ON JULY 01, 2022
SOUTH 47°53'47" WEST 1995.50'
SOUTH 41°52'47" EAST 181.67'
NORTH 41°52'47" WEST 181.67'
NORTH 47°53'47" EAST 1995.50'
SOUTH 47°53'47" WEST 77.00'
NORTH 47°53'47" EAST 77.00'
SOUTH 42°06'13" EAST 22.00'
NORTH 42°06'13" WEST 22.00'
SOUTH 47°53'47" WEST 226.50'
NORTH 47°53'47" EAST 226.50'
SOUTH 42°06'13" EAST 22.00'
NORTH 42°06'13" WEST 22.00

USER: mgering PLOTTED THE PRE-FLUCCS LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG CIVIL\21045.008-Rookery Bay Maintenance Building (2022-11-15).dwg, ON Jan 10, 2023 @ 2:41pm

PRE-DEVELOPMENT FLUCCS SUMMARY

FLUCCS CODE	FLUCCS TITLE	SIZE (AC)
171	EDUCATIONAL FACILITIES	0.21
814	ROADS AND HIGHWAYS	0.26
6120	MANGROVE SWAMP	1.10

GRAPHIC SCALE
1 INCH = 30 FEET

N

SHEET NO. C107

ROOKERY BAY PRESERVE STATE PARK

SHEET TITLE
PRE-DEVELOPMENT FLUCSS MAP

PROJECT TITLE
REPLACEMENT POLE BARN AND KAYAK COVER

Robin C. Palmer, Professional Engineer, State of Florida, License No. 90050 THis item has been digitally signed and sealed by Robin C. Palmer, P.E. on the date Indicated here. 01/10/2023
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DESIGNER : RCP	ISSUE DATE: 01/10/2023	SYMBOL	REVISION	DATE	SYMBOL	REVISION	
DRAWN BY: RYJ	COMP. FILE No.: 21045.008	A			C		
REVIEWED BY: RCP	STATE PROJECT No.: 61245C	B			D		

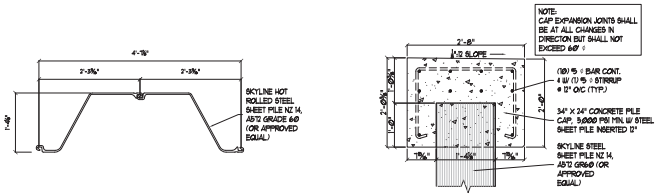
Consultant: WELLER ENGINEERING CORPORATION 30 YEARS of Service Excellence in engineering

Department of Environmental Protectio
Division of Recreation and Parks
Bureau of Design and Construction

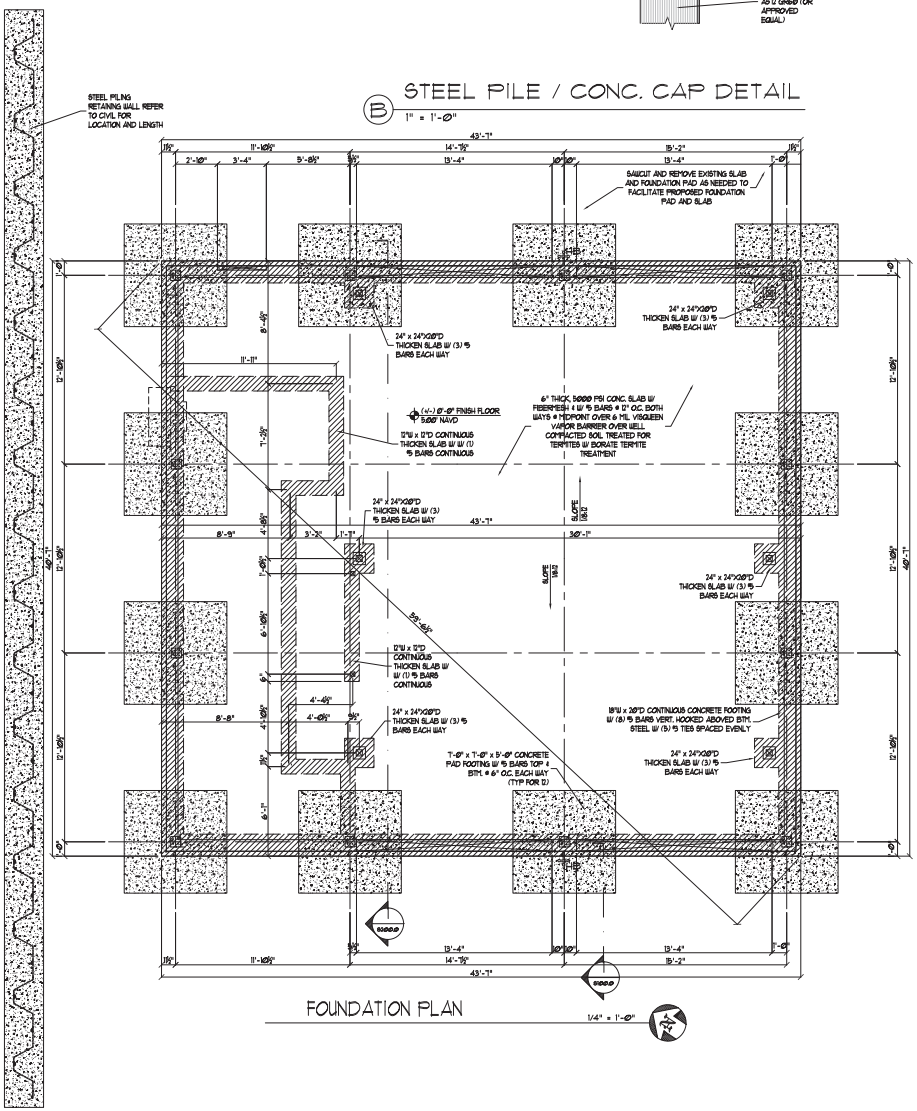
245-2

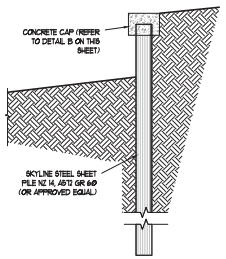
3.A.f

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

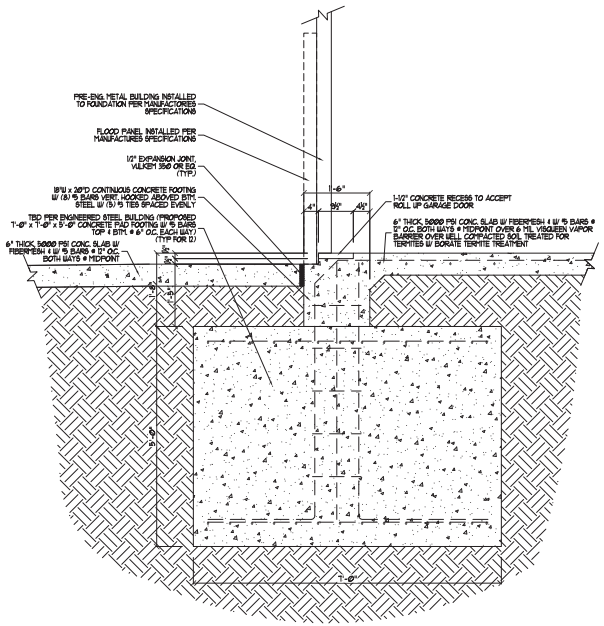


B STEEL PILE / CONC. CAP DETAIL
1" = 1'-0"





A TYPICAL SECTION STEEL SHEET PILE
3/16" = 1'-0"



1 FOOTER SECTION
3/4" = 1'-0"

NOTE:
FOUNDATION PAD/FOOTERS FINAL DIMENSIONS ARE PENDING GEOTECHNICAL REPORT

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information
Approved By: CTM | Design:
Scale: N/A | Drawn:
Job No.: 21045.008 | Checked:
Date Issued: 01/10/2023
EB# 6656

WEILER ENGINEERING CORPORATION
201 WEST MARION AVENUE
SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700

GARAGE & FOUNDATION PLAN

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD

Revisions

	Description	Date
1	...	...
2	...	...
#3	...	...
4	...	...
5	...	...
6	...	...

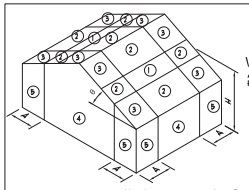
THIS SHEET IS NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OF A FLORIDA LICENSED ENGINEER

Robin C. Palmer,
Professional Engineer,
State of Florida,
License No. 90050
This item has been digitally signed and sealed by Robin C. Palmer, P.E. on the date indicated here.
01/10/2023
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Sheet No. S100

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

USER: mgering PLOTTED: THE S100.0 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\CWC Structural\21045008RookeryBayMaintnBldg020220908.dwg, ON Jan 10, 2023 @ 2:43pm



WALL AND ROOF ZONE
A = 4'-0"
H = MEAN ROOF HEIGHT ABOVE GRADE + 11'-10"

WIND PRESSURES
W1 N.T.S.

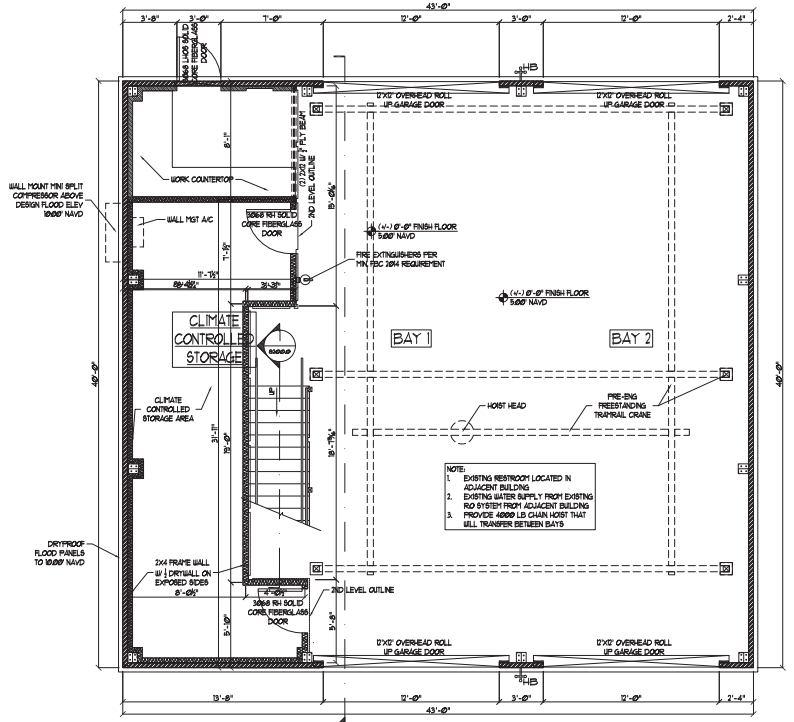
Wind Pressure Summary for C&C Zones based Upon Areas Ch 30 Pt 1 (Table 1 of 2)
All wind pressures include a load factor of 0.6

Zone	Figure	A <= 10.00 sq ft psf		A = 20.00 sq ft psf		A = 50.00 sq ft psf		A = 100.00 sq ft psf	
1	30.3-2A	19.07	-74.65	17.87	-69.76	16.05	-63.25	15.00	-58.30
1'	30.3-2A	19.07	-40.51	17.87	-40.51	16.05	-40.51	15.00	-40.51
1_OH	30.3-2A	9.60	-67.56	9.60	-66.36	9.60	-64.76	9.60	-63.56
1'_CH	30.3-2A	9.60	-67.56	9.60	-66.36	9.60	-64.76	9.60	-62.56
2	30.3-2A	19.07	-98.53	17.87	-92.19	16.05	-83.81	15.00	-77.48
2_OH	30.3-2A	9.60	-92.37	9.60	-82.93	9.60	-70.76	9.60	-62.31
3	30.3-2A	19.07	-134.08	17.87	-122.81	16.05	-104.86	15.00	-92.15
3_OH	30.3-2A	9.60	-127.13	9.60	-112.95	9.60	-92.81	9.60	-78.02
4	30.3-1	42.91	-46.48	41.00	-44.58	38.48	-42.07	36.59	-40.17
5	30.3-1	42.91	-57.21	41.00	-53.41	38.48	-48.38	36.59	-44.58

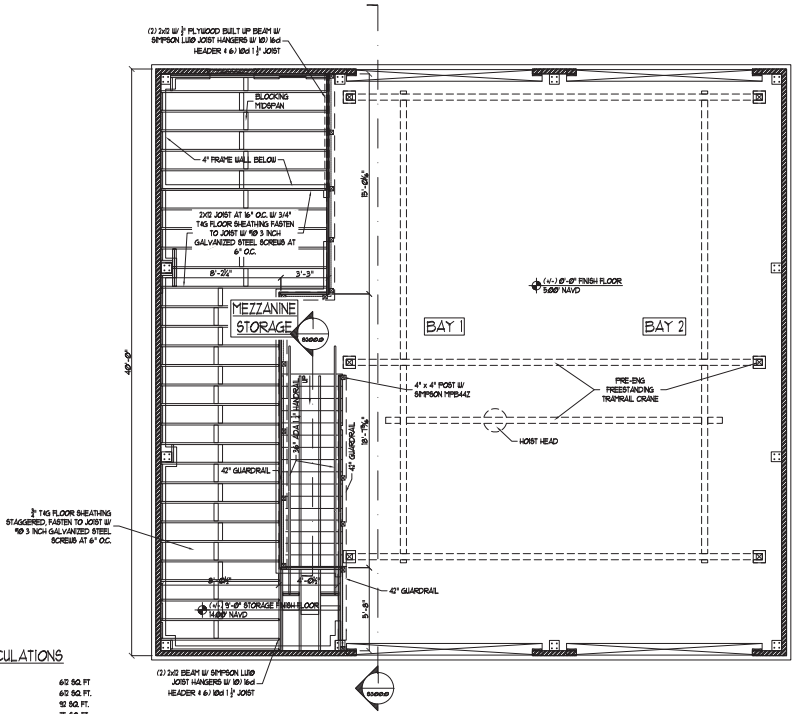
Wind Pressure Summary for C&C Zones based Upon Areas Ch 30 Pt 1 (Table 2 of 2)
All wind pressures include a load factor of 0.6

Zone	Figure	A = 200.00 sq ft psf		A = 500.00 sq ft psf		A > 1000.00 sq ft psf	
1	30.3-2A	15.00	-53.35	15.00	-48.55	15.00	-46.83
1'	30.3-2A	15.00	-34.53	15.00	-25.72	15.00	-23.04
1_OH	30.3-2A	9.60	-58.20	9.60	-39.73	9.60	-39.73
1'_CH	30.3-2A	9.60	-58.20	9.60	-39.73	9.60	-39.73
2	30.3-2A	15.00	-71.64	15.00	-62.77	15.00	-62.77
2_OH	30.3-2A	9.60	-54.87	9.60	-43.70	9.60	-43.70
3	30.3-2A	15.00	-79.50	15.00	-62.77	15.00	-62.77
3_OH	30.3-2A	9.60	-68.04	9.60	-43.70	9.60	-43.70
4	30.3-1	34.69	-38.27	32.18	-35.76	32.18	-35.76
5	30.3-1	34.69	-40.73	32.18	-35.76	32.18	-35.76

DESIGN PRESSURE NOTE:
UNLESS EXPLICITLY STATED OTHERWISE, ALL (DOOR/WINDOW/CLADDING) DESIGN PRESSURES SHALL HAVE A MINIMUM PRESSURE OF +/-16.0 PSF PER ASCE 7 (CH. 30, SECTION 30.2.2). THE ABOVE PRESSURES IN THIS SCHEDULE HAVE BEEN CALCULATED USING ULTIMATE WIND SPEED (VULT) PER ASCE 7 FOR THE PROJECT LOCATION AND MULTIPLIED BY AN ASD FACTOR OF 0.6.



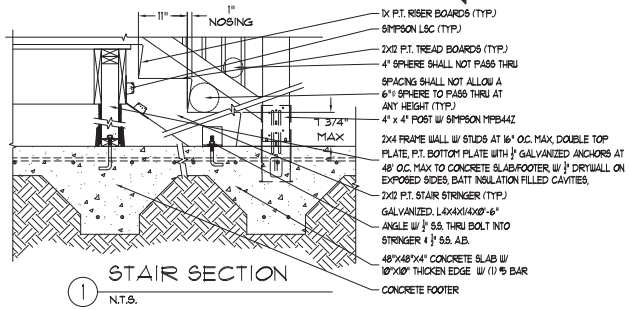
FLOOR PLAN
1/4" = 1'-0"



MEZZANINE PLAN
1/4" = 1'-0"

AREA CALCULATIONS

PRE-ENG BUILDING	
BAY 1	692 SQ. FT.
BAY2	692 SQ. FT.
WORKBENCH	92 SQ. FT.
STAIR AREA	75 SQ. FT.
CLIMATE CONTROLLED STORAGE	322 SQ. FT.
TOTAL PRE-ENG BUILDING	1173 SQ. FT.
MEZZANINE STORAGE	494 SQ. FT.
TOTAL BUILDING	2121 SQ. FT.



STAIR SECTION
1 N.T.S.

MINI-SPLIT SPECIFICATIONS
UPDATE

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
Wind Importance Factor: 1.0 / Wind Exposure: D
Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information
Approved By: | Design: CTM
Scale: | Drawn: N/A
Job No.: 21045.008 | Checked:
Date Issued: 01/10/2023

WEILER ENGINEERING CORPORATION
alliance in engineering
201 WEST MARION AVENUE
SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD

GARAGE FLOOR PLAN

Revisions

	Description
1	
2	
3	
4	
5	
6	

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Robin C. Palmer,
Professional Engineer,
State of Florida,
License No. 90050
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01/10/2023
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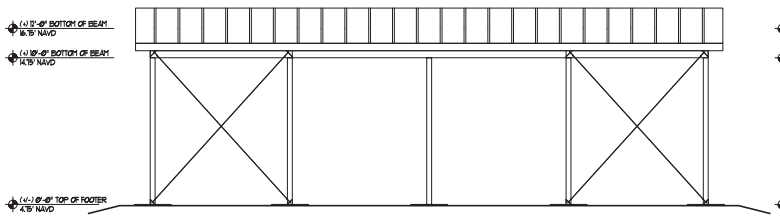
Sheet No. S200

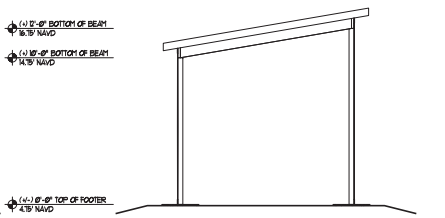
Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

USER: mgering PLOTTED THE S200.0 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\CIVIL Structural\21045008RookeryBayMaintBldg020220908.dwg, ON Jan 10, 2023 @ 2:43pm



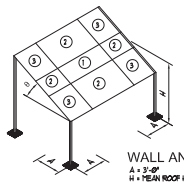
LONG ELEVATION

1/4" = 1'-0"



SHORT ELEVATION

1/4" = 1'-0"



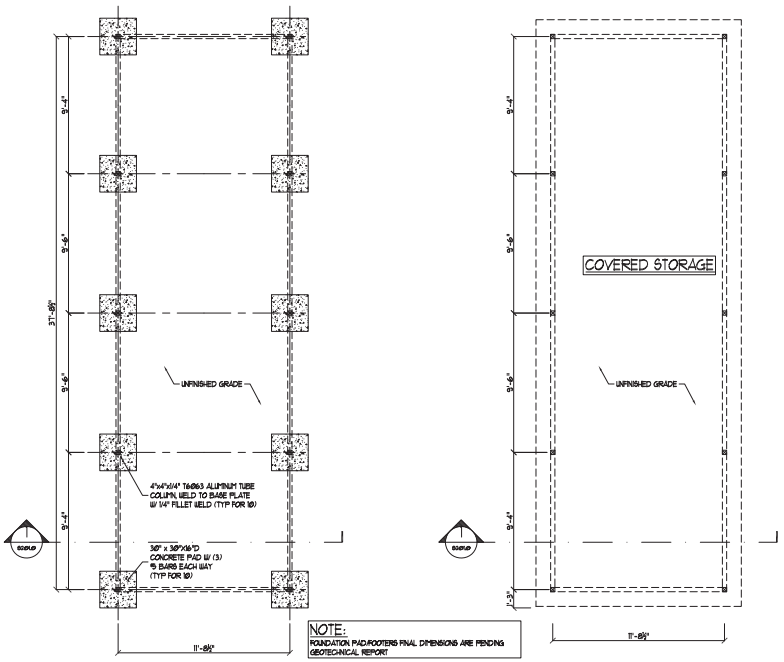
WALL AND ROOF ZONE
A = 3'-0"
H = MEAN ROOF HEIGHT ABOVE GRADE = 11'-6"

Wind Pressure Summary for C&C Zones based Upon Areas Ch 30 Pt 5
All wind pressures include a load factor of 0.6

Zone	Figure	A <= 9.00 sq ft psf	9.00 > A >= 36.00 sq ft psf	A >= 36.00 sq ft psf
1	Figure 30.7-1	45.58 -42.54	45.58 -42.54	45.58 -42.54
2	Figure 30.7-1	68.37 -64.22	68.37 -64.22	45.58 -42.54
3	Figure 30.7-1	91.16 -112.10	68.37 -64.22	45.58 -42.54

DESIGN PRESSURE NOTE:
UNLESS EXPLICITLY STATED OTHERWISE, ALL (DOOR/WINDOW/CLADDING) DESIGN PRESSURES SHALL HAVE A MINIMUM PRESSURE OF +/-14.0 PSF PER ASCE 7 (CH. 30, SECTION 30.2.2) THE ABOVE PRESSURES IN THIS SCHEDULE HAVE BEEN CALCULATED USING ULTIMATE WIND SPEED (VULT) PER ASCE 7 FOR THE PROJECT LOCATION AND MULTIPLIED BY AN ASD FACTOR OF 0.6.

W2 WIND PRESSURES
N.T.S.



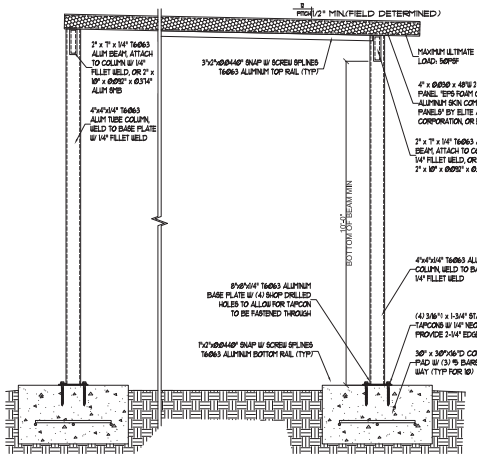
NOTE:
FOUNDATION PAD/FOOTERS FINAL DIMENSIONS ARE PENDING GEOTECHNICAL REPORT

COVERED STORAGE FOUNDATION PLAN

1/4" = 1'-0"

COVERED STORAGE PLAN

1/4" = 1'-0"



1 COVERED STORAGE SECTION
3/4"=1'-0"

AREA CALCULATIONS

COVERED STORAGE
UNDER COVER 456 SQ FT.
TOTAL BUILDING 456 SQ FT.

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
Design Wind Speed: Ultimate V_{ult}=170 MPH / Nominal V_{asd} = 132 MPH
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Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
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Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information
Design: CTM
Drawn: N/A
Checked:
Approved By:
Scale:
Job No.: 21045.008
Date Issued: 01/10/2023

WEILER ENGINEERING CORPORATION
alliance in engineering
201 WEST MARION AVENUE
SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

STORAGE PLAN & ELEVATIONS

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD

Revisions

No.	Description	Date
1		
2		
3		
4		
5		

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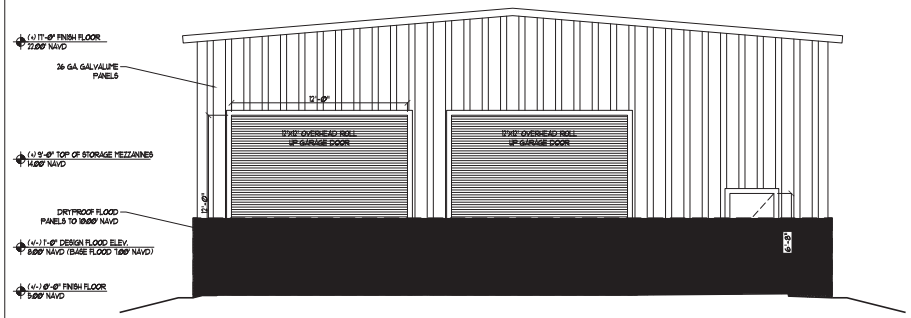
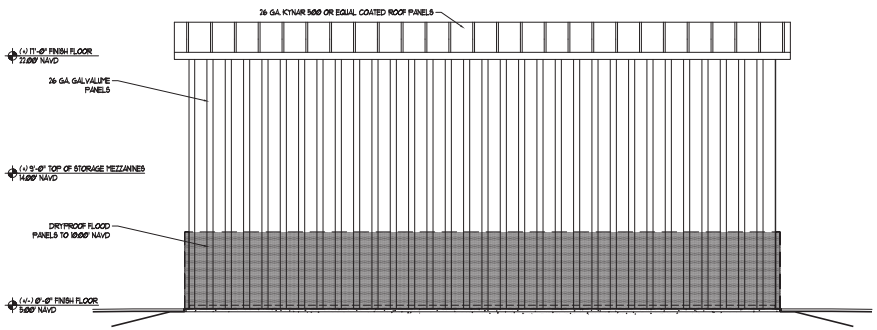
Sheet No. S201

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

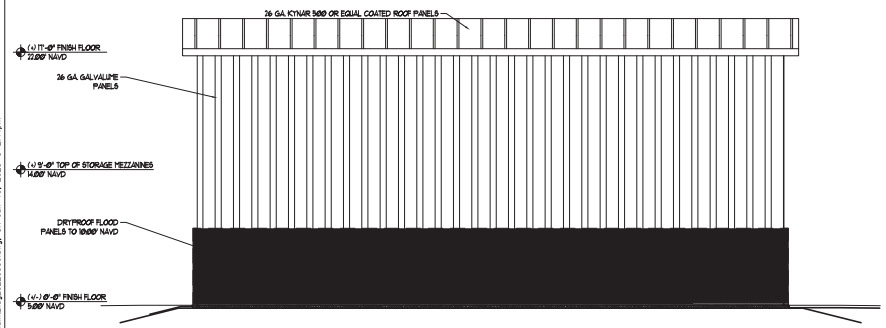
USER: mgering PLOTTED THE S201.0 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\CWG Structural\21045008RookeryBayMaintBldg20220908.dwg, ON Jan 10, 2023 @ 2:43pm



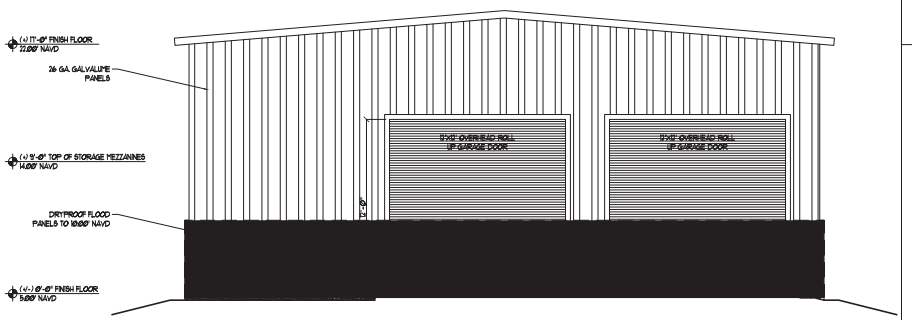
NORTHEAST ELEVATION 1/4" = 1'-0"



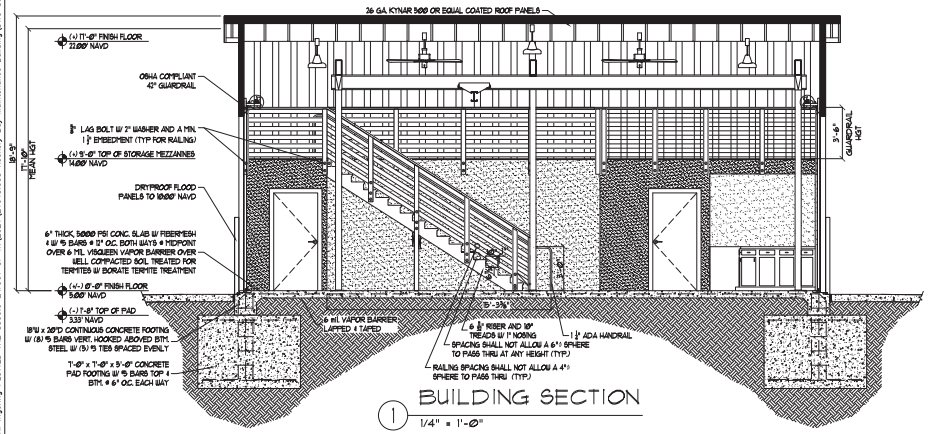
SOUTHEAST ELEVATION 1/4" = 1'-0"



SOUTHEAST ELEVATION 1/4" = 1'-0"



SOUTHWEST ELEVATION 1/4" = 1'-0"



1 BUILDING SECTION 1/4" = 1'-0"

THE WEILER ENGINEERING CORPORATION

These plans are in Compliance with Florida Building Code 2020 and the parameters indicated below.

WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
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Internal Pressure Coefficient: ±0.18 (Enclosed)
Component & Cladding Wind Pressure: per Calc

COVERED STORAGE
Building Risk Category: 1
Design Wind Speed: Ultimate V_{ult}=155 MPH / Nominal V_{asd} = 121 MPH
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Internal Pressure Coefficient: (OPEN)
Component & Cladding Wind Pressure: per Calc

FLOOD PARAMETERS
FEMA FIRM Map Number: 12021C0615H
Base Flood Elevation: AE-7
100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information
Approved By: | Design: CTM
Scale: | Drawn: N/A
Job No.: 21045.008 | Checked:
Date Issued: 01/10/2023

WEILER ENGINEERING CORPORATION
Alliance in engineering
201 WEST MARION AVENUE
SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

GARAGE ELEVATIONS AND BUILDING SECTION

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD

Revisions

	Description	Date
1		
2		
3		
4		
5		
6		

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Robin C. Palmer,
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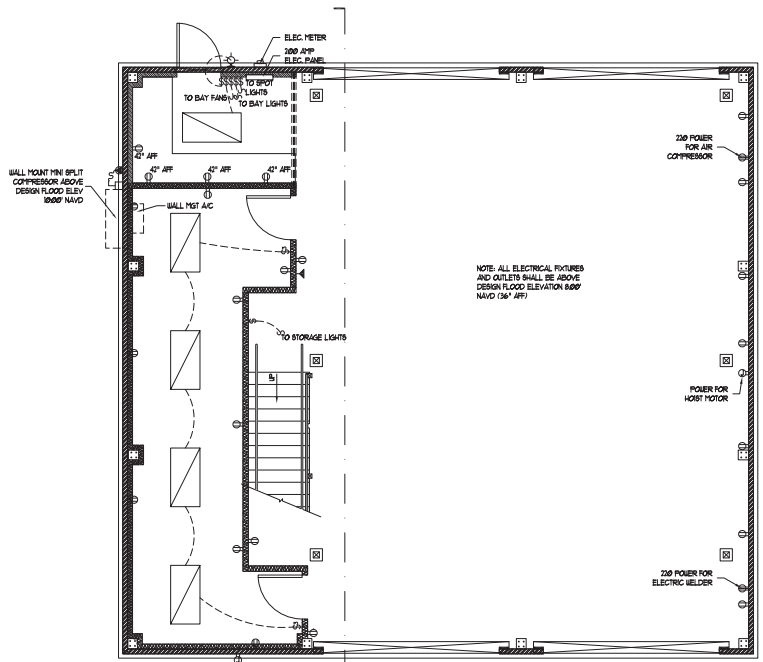
Sheet No. S300

USER: mgering PLOTTED THE S300.0 LAYOUT OF W:\2021\21045.008 Rookery Bay Maintenance Building\DWG Structural\21045008RookeryBayMaintBldg20220908.dwg, ON Jan 10, 2023 @ 2:44pm

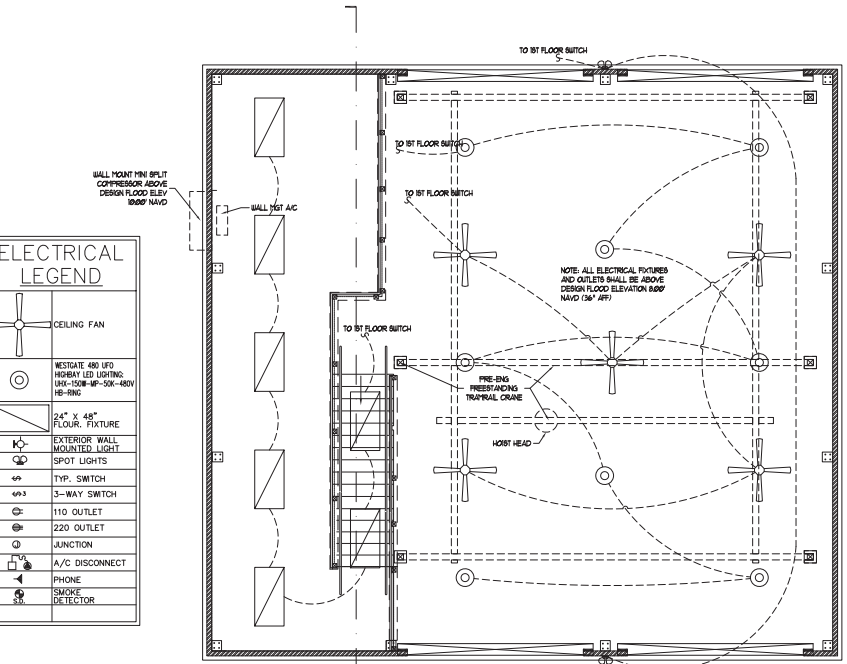
Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY



ELECTRICAL PLAN

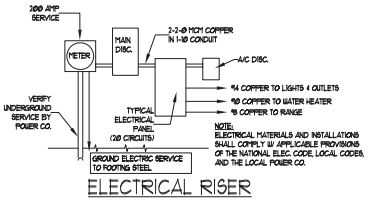
1/4" = 1'-0"

ELECTRICAL LEGEND	
	CEILING FAN
	WESTGATE 480 UFO HIGHBAY LED LIGHTING: UFOC-150W-MP-50K-480V HID-RING
	24" X 48" FLOUR. FIXTURE
	EXTERIOR WALL MOUNTED LIGHT
	SPOT LIGHTS
	TYP. SWITCH
3	3-WAY SWITCH
	110 OUTLET
	220 OUTLET
	JUNCTION
	A/C DISCONNECT
	PHONE
S.D.	SMOKE DETECTOR



MEZZANINE ELECTRICAL PLAN

1/4" = 1'-0"



ELECTRICAL RISER

PER 2020 NATIONAL ELECTRIC CODE 210.12 ARC FAULT CIRCUITS SHALL BE LOCATED PER CODE

ALL LIGHTS TO BE LED IF APPLICABLE

NOTE:
ALL ELECTRICAL SYSTEMS, EQUIPMENT, HEATING, VENTILATING, AIR CONDITIONING, PLUMBING FIXTURES, AND OTHER SYSTEMS TO BE AT OR ABOVE DESIGNED FLOOR ELEVATION. NO EQUIPMENT OR SYSTEMS LISTED ABOVE ARE TO BE INSTALLED BELOW DESIGNED FLOOD ELEVATION.

THE WEILER ENGINEERING CORPORATION

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WIND PARAMETERS
Method of Design: ASCE 7-16
MAINTENANCE GARAGE
Building Risk Category: 2
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100-year, 1-hour Design Rainfall: 4.5 in (FBC 2020 Fig. 1611.1)

GEOTECHNICAL PARAMETERS
Data Source: *REFER TO PENDING GEOTECHNICAL REPORT*

Project Information

Approved By:	CTM
Design:	
Scale:	N/A
Drawn:	
Job No.:	21045.008
Checked:	
Date Issued:	01/10/2023

WEILER ENGINEERING CORPORATION
alliance in engineering
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SUITE 1306
PUNTA GORDA, FLORIDA 33950
(941) 505-1700
EB# 6656

GARAGE ELECTRICAL PLAN

PROJECT FOR
ROOKERY BAY RESEARCH RESERVE
SHELL ISLAND ROAD

Revisions

#	Description
1	
2	
3	
4	
5	
6	

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Sheet No. E100

Attachment: ATTACHMENT E - CONCEPTUAL SITE PLAN (24674 : PL20220005310 - ROOKERY BAY

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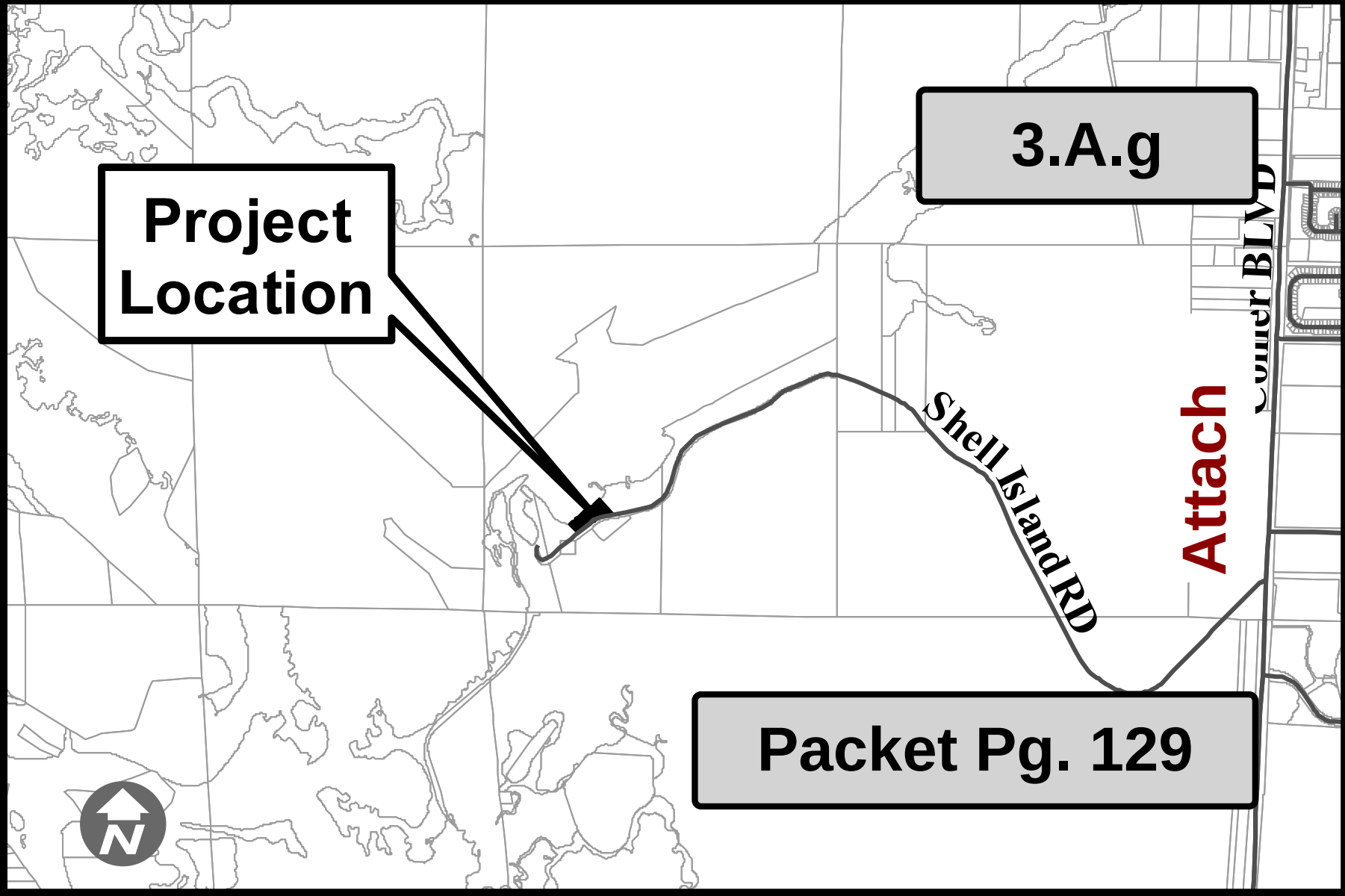
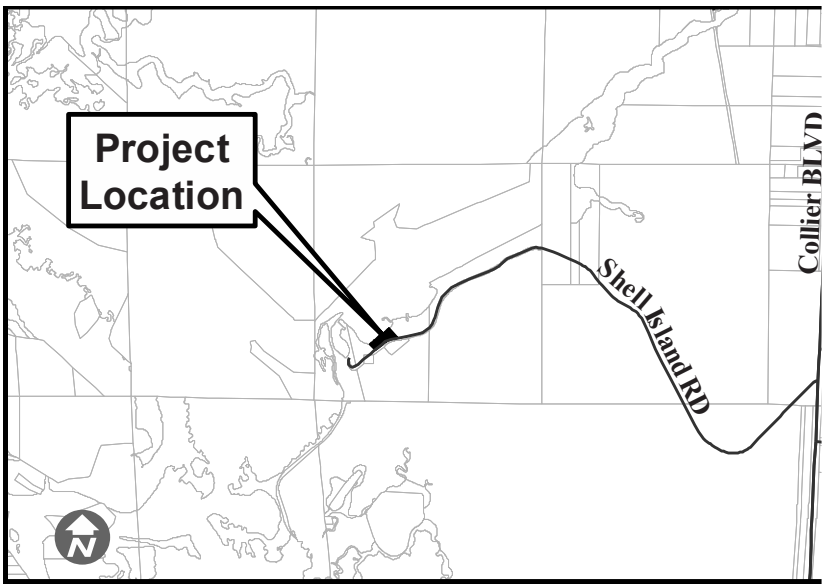

3.A.g
Project Location
Shell Island RD
Attach
Packet Pg. 129

NOTICE OF PUBLIC HEARING

Notice is hereby given that a public hearing will be held by the **Collier County H…ner (HEX) at 9:00 A.M., March 9, 2023,** in the Hearing Examiner's Meeting Room, at 2800 North Horseshoe Drive, Room 609/610, Naples, FL 34104 to consider:

PETITION NO. VA-PL20220005310 – REQUEST FOR A VARIANCE FROM …ND DEVELOPMENT CODE SECTION 4.02.01.A TO REDUCE THE REQUIRED PRINCIPAL …NT YARD SETBACK FROM 50 FEET TO 10.29 FEET FOR THE PROPOSED MAINTE…CE BUILDING REPLACEMENT ON THE SOUTH PROPERTY LINE; AND A SECOND VAR…CE FROM SECTION 4.02.03.D TO REDUCE THE REQUIRED ACCESSORY FRONT …RD SETBACK FROM 50 FEET TO 39.62 FEET FOR THE PROPOSED KAYAK COVER …BE LOCATED AT 10 SHELL ISLAND RD, NAPLES, FL 34113 IN SECTION 17, TOWNS…51 SOUTH, RANGE 26 EAST, COLLIER COUNTY, FLORIDA.



All interested parties are invited to appear and be heard. All materials used in presentatio…ore the Hearing Examiner will become a permanent part of the record.

Copies of staff report are available one (1) week prior to the hearing. The file can be revi…at the Collier County Growth Management Community Development Department, Zoning D…on, 2800 North Horseshoe Drive, Naples, FL 34104.

As to any petition upon which the Hearing Examiner takes action, an aggrieved petitio…ay appeal such final action. Such appeal shall be filed per Section 2-88 of the Collier County …of Laws and Ordinances within 30 days of the decision by the Hearing Examiner. An aggriev…on- party may appeal a decision by the Hearing Examiner to the Circuit Court of Collier Count…hin 30 days of the decision. In the event that the petition has been approved by the Hearing Ex…er, the applicant shall be advised that he/she proceeds with construction at his/her own risk…ing this 30-day period. Any construction work completed ahead of the approval authorizati…all be at their own risk.

As part of an ongoing initiative to encourage public involvement, the public will have the opp…ity to provide public comments remotely, as well as in person, during this proceeding. Ind…als who would like to participate remotely should register through the link provided within the …ific event/meeting entry on the Calendar of Events on the County website at www.collierc…yfl. gov/our-county/visitors/calendar-of-events after the agenda is posted on the County …ite. Registration should be done in advance of the public meeting, or any deadline specifie…hin the public meeting notice. Individuals who register will receive an email in advance of th…olic hearing detailing how they can participate remotely in this meeting. Remote particip…is provided as a courtesy and is at the user's risk. The County is not responsible for technical…es. For additional information about the meeting, please call Geoffrey Willig at (239) 252-8369…ail to Geoffrey.Willig@colliercountyfl.gov

If you are a person with a disability who needs any accommodation in order to participat…his proceeding, you are entitled, at no cost to you, to the provision of certain assistance. …ase contact the Collier County Zoning Division located at 2800 N. Horseshoe Dr, Naples, …ida 34104, (239) 252-2400, at least two (2) days prior to the meeting.

Andrew W. J. Dickman, Esq., AICP
Chief Hearing Examiner
Collier County, Florida

Attachment: ATTACHMENT F - LEGAL AD & HEX SIGN POSTING (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE

PUBLIC HEARING NOTICE

Variance (VA) 10 Shell Island Rd

Petition No. PL20220005310

HEX: March 9, 2023–9:00am

Growth Management Building

2800 N. Horseshoe Dr., Naples, FL 34104

Sean Sammon, Principal Planner 239-252-8422

Attachment: ATTACHMENT F - LEGAL AD & HEX SIGN POSTING (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

PUBLIC HEARING NOTICE
Variance (VA) 10 Shell Island Rd
Petition No. PL20220005310
HEX: March 9, 2023–9:00am
Growth Management Building
2800 N. Horseshoe Dr. Naples, FL 34104
Sean Sammon, Principal Planner 239-252-5422

Attachment: ATTACHMENT F - LEGAL AD & HEX SIGN POSTING (24674 : PL20220005310 - ROOKERY BAY MAINTENANCE BLDG 2)

COLLIER COUNTY
Collier County Hearing Examiner

Item Number: 3.B
Doc ID: 24725
Item Summary: PETITION NO. VA-PL20200002603 - Request for an after-the-fact variance from the Land Development Code section 2.03.01.B.2.d to reduce the required side yard setback from 10.5 feet to 5.8 feet and from section 4.02.01.D.8 to increase the allowed roof overhang from 3 feet to 6.97 feet on the north side to allow for the continued existence of a storage shed on a nonconforming lot in the Estates (E) Zoning District at 2890 68th Street SW, also described as the south 105 feet of Tract 52, Golden Gate Estates, Unit No. 29, in Section 30, Township 49 South, Range 26 East, Collier County, Florida. [Coordinator: John Kelly, Planner II] Commission District 4

Meeting Date: 03/09/2023

Prepared by:
Title: Planner – Zoning
Name: John Kelly
02/16/2023 12:54 PM

Submitted by:
Title: Zoning Director – Zoning
Name: Mike Bosi
02/16/2023 12:54 PM

Approved By:

Review:

Hearing Examiner (GMD Approvers)	Diane Lynch	Review Item	Completed	02/16/2023 4:03 PM
Growth Management Operations Support		Evelyn Trimino	Additional Reviewer Completed	02/17/2023 8:15 AM
Zoning	Ray Bellows	Review Item	Completed	02/17/2023 3:01 PM
Zoning	Mike Bosi	Division Director	Completed	02/22/2023 7:40 AM
Hearing Examiner	Andrew Dickman	Meeting Pending	03/09/2023 9:00 AM	

STAFF REPORT

TO: COLLIER COUNTY HEARING EXAMINER

FROM: GROWTH MANAGEMENT DEPARTMENT
ZONING DIVISION- ZONING SERVICES SECTION

HEARING DATE: MARCH 9, 2023

SUBJECT: PETITION VA-PL20200002603; 2890 68th STREET SW – JAEN VARIANCE

PROPERTY OWNER/AGENT:

Owner/Applicant:	**Agents:**
Ulysses Nabal Jaen 2890 68th Street SW Naples, FL 34105	Self

REQUESTED ACTION:

To have the Collier County Hearing Examiner (HEX) consider an after-the-fact variance from Collier County Land Development Code (LDC) Sections 2.03.01.B.2.d, to reduce the required side yard setback from 10.5 feet to 5.8 feet, and Section 4.02.01.D.8, to increase the allowed roof overhang from 3 feet to 6.97 feet on the north side, to allow for the continued existence of a storage shed on a nonconforming lot in the Estates (E) zoning district.

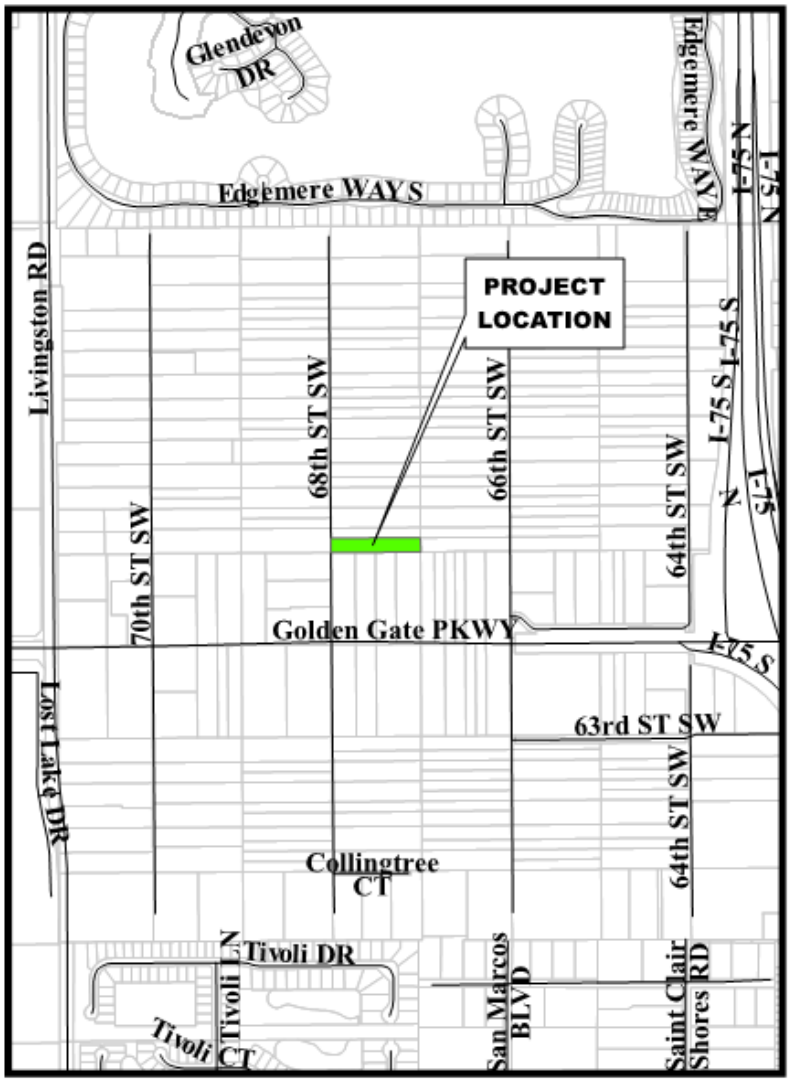
GEOGRAPHIC LOCATION:

The subject property is located at 2890 68th Street SW, approximately 600 feet north of Golden Gate Parkway, also known as the West 105 feet of Tract 52, Golden Gate Estates, Unit No. 29, in Section 30, Township 49 South, Range 26 East, Collier County, Florida. *(See location map on page 2)*.

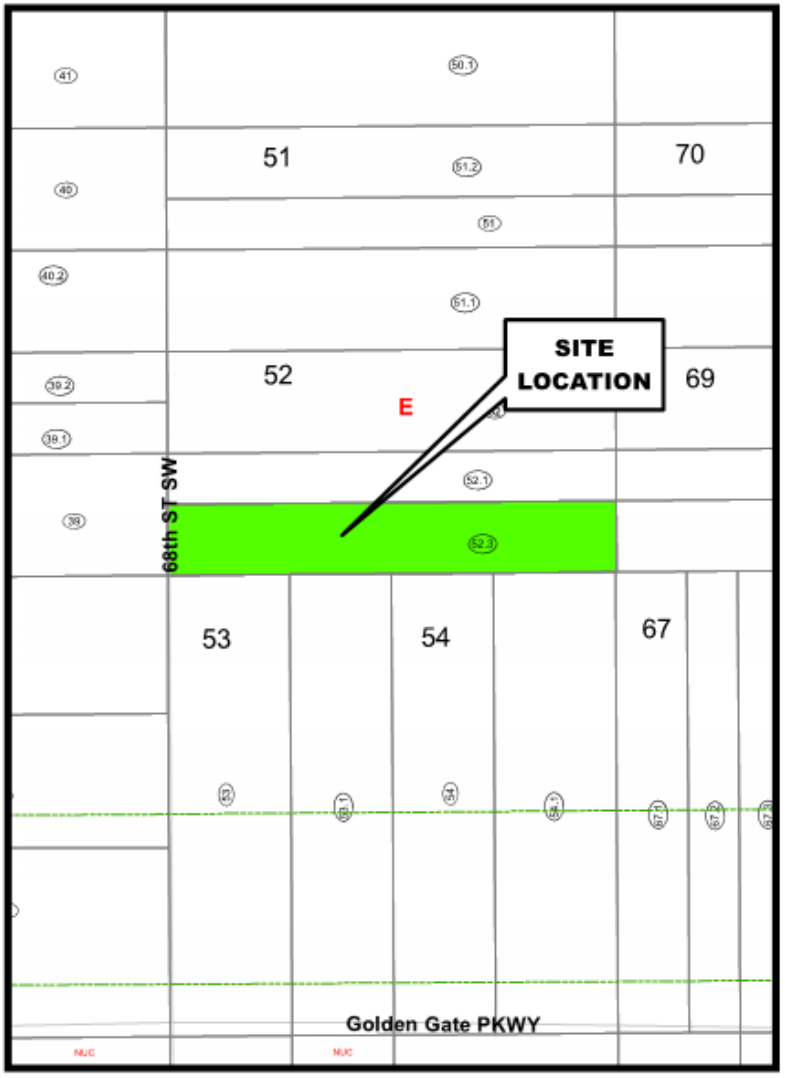
PURPOSE/DESCRIPTION OF PROJECT:

The owner of the subject homesteaded property seeks to allow the continued existence of a 37.6-foot by 14.5-foot storage shed with a 1.17-foot roof overhang that was constructed 5.8 feet from, and slightly askew to, the northern (side) property line; 367.1± feet west of the eastern (front) property line. The owner/applicant has conveyed that he was forced to abandon another shed along the south side of the property as it was flooding because of an adjoining property shedding water (Continued on Page 5)

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)



Location Map

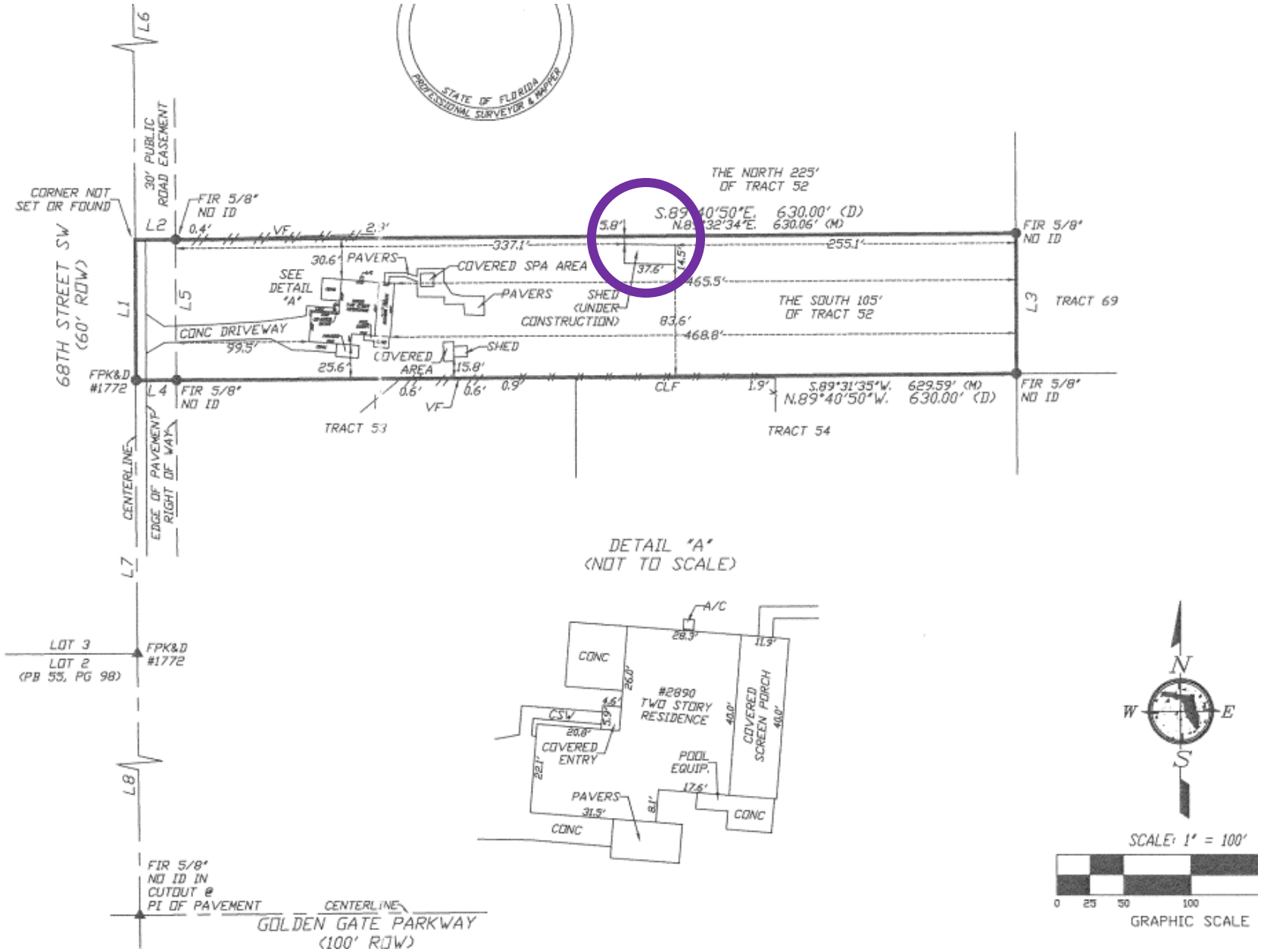


Zoning Map

Petition Number: PL20200002603

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Extracted from Survey contained within Attachment C



Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

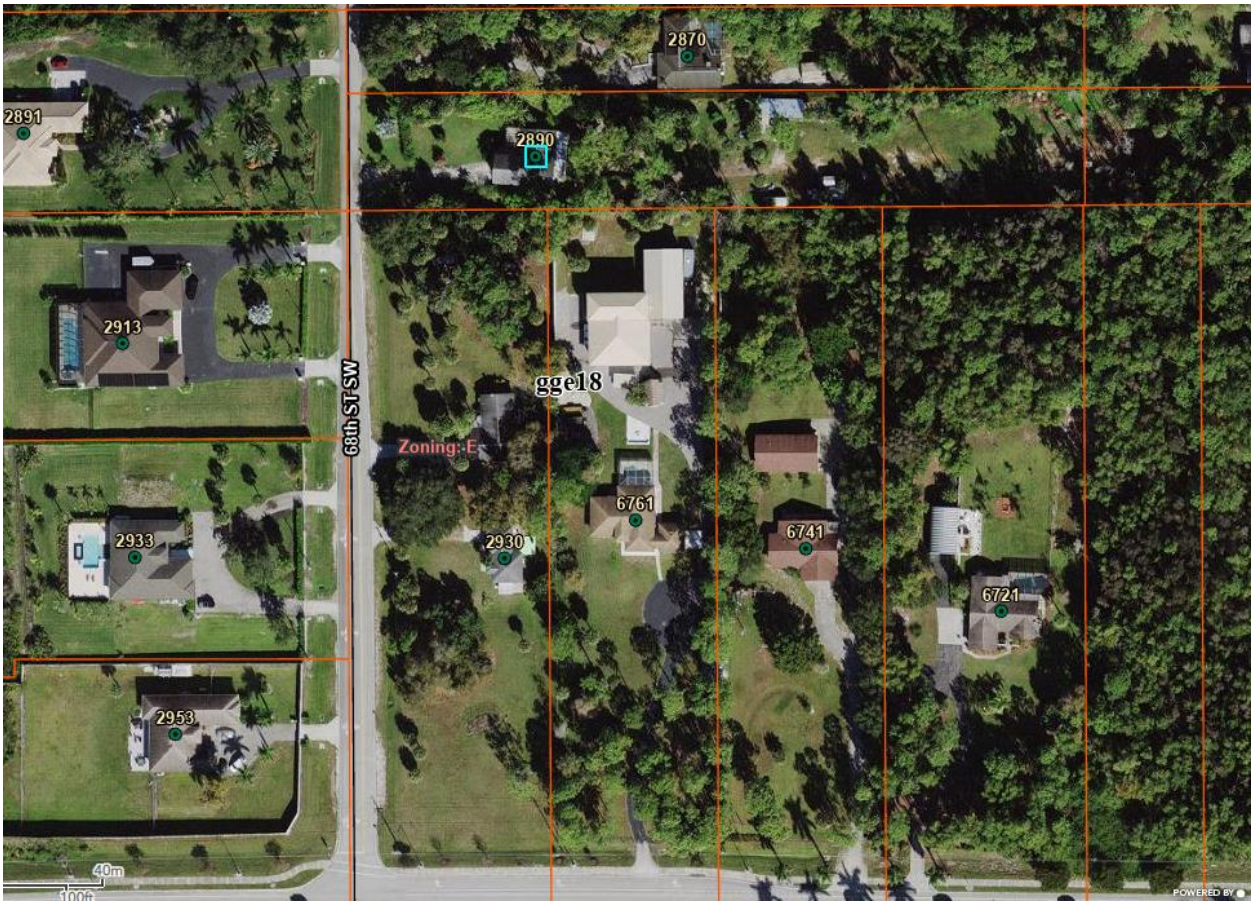
SURROUNDING LAND USE AND ZONING:

North: Single-family dwelling located within the Estates (E) zoning district

East: Unimproved, Single-family residential, within the Estates (E) zoning district

South: Single-family dwellings located within the Estates (E) zoning district

West: 68th Street SW (Right-of-Way) then a single-family dwelling located within the Estates (E) zoning district



Collier County GIS

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Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Description of Project (Continued from Page 1)

onto his lot. No permits were applied for or obtained for the new storage shed which was placed upon a dryer portion of the subject property near a shed owned by the adjoining property owner to the north. The owner/applicant was unaware of any issues until such time as he was contacted by the County's Code Enforcement Division.

Code Enforcement has an active case, No.: CESD20190014719, involving the subject property and, having found that no building permits were applied for or obtained for the subject storage shed, has issued an Order to Correct. Said order requires the property owner to obtain all required building permits or to remove the offending structure. To comply, the property owner applied for an After-the-Fact Building Permit, Application No.: PRBD20200103880, for the subject storage shed; unfortunately, said permit could not be issued because of the side yard encroachment issue and the application has since been deemed abandoned as responsive action was not timely. Zoning staff notes that the owner/applicant was requested to obtain either approval or a letter of exemption, from the Florida Department of Environmental Protection (FLDEP) given the potential of wetlands; said action may have resulted in a significant delay. The FLDEP has since issued a wetlands exemption (Attachment C). Code Enforcement continues to seek resolution and is ready to move forward with enforcement action should the violation not be abated. Approval of the subject Variance request should allow the permitting process to proceed which will satisfy Code Enforcement's Order to Correct.

As per a provided survey (Attachment A), the subject property measures 105 feet by 630 feet and comprises 1.59 acres; therefore, the subject property is nonconforming due to both lot area and width. Said property initially gained development approval by means of Building Permit No. 88-04266, issued on January 6, 1989, for a single-family residence, for which a Certificate of Occupancy was later issued on April 23, 1989. As evidenced within the permit package, at the time of permit review, the subject property was identified by zoning officials as "grandfathered" and required side yard setbacks were noted as being 10.5 feet. The current LDC, Ordinance 04-41, as amended, continues to allow lots within the E zoning district that are legally nonconforming due to insufficient lot width to enjoy a reduced side yard setback equal to 10 percent of the lot width; therefore, as per LDC Section 2.03.01.B.2.d, the side yard setback for the subject legal nonconforming lot remains 10.5 feet. As such, the owner/applicant requires the northern side yard be further reduced, from 10.5 feet to 5.8 feet. Given that the 1.17-foot roof will overhang more than 3 feet into a required yard, the allowable encroachment must also be increased to 6.97 feet (Attachment B). The petitioner has provided four letters of no objection from the following neighboring property owners: 2870, 2891, 2913, and 2930 68th Street SW (Attachment C).

GROWTH MANAGEMENT PLAN (GMP) CONSISTENCY:

The subject property is in the Residential Estates Subdistrict land use classification of the Urban Golden Gate Estates Future Land Use Map. This land use category is designed to accommodate single-family residential development at a maximum density of one unit per 2.25 acres, or one unit per legal non-conforming lot of record, exclusive of guesthouses. The petitioner seeks a Variance for an existing storage shed that is an accessory to a single-family dwelling unit which is an authorized land use. The Growth Management Plan (GMP) does not address individual variance requests related to land use.

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

ZONING DIVISION ANALYSIS:

The decision to grant a variance is based on the criteria in LDC Section 9.04.03. Staff has analyzed this petition relative to these provisions and offers the following responses:

a. Are there special conditions and circumstances existing, which are peculiar to the location, size, and characteristics of the land, structure, or building involved?

Yes, the subject property comprises 1.59 acres and has a lot width of 105 feet. The LDC presently requires lots located within the E zoning district to be a minimum of 2.25 acres with a lot width of 150 feet. Said property was determined to be legally nonconforming when it received initial development approval by means of a building permit in 1988.

b. Are there special conditions and circumstances, which do not result from the action of the applicant such as pre-existing conditions relative to the property, which are the subject of the Variance request?

Yes, the subject property is legally nonconforming with respect to lot area and width. Additionally, the petitioner provides the following: "There are special conditions consisting of the existing lower topography caused by the construction of a massive truck and auto repair shop owned by DPT of Florida and bordering the South Side of the property. When the foundation of the DPT building was made, they raised the height of their lot significantly. DPT also build [sic] driveways and parking lot that no longer absorb rainwater. The water runoff saturates and floods the south side of my backyard where my old shed was built." Zoning staff finds merit in the petitioner's argument; however, is unable to verify if the adjoining lot is in fact shedding stormwater onto the subject property. The petitioner further states that the location chosen for the new storage shed was made with the knowledge of the adjoining property owner to the north. Said location was previously used by the northern neighbor for a carport; therefore, the ground had already been stabilized with approximately 4 feet of compacted gravel which made it the highest and driest surface on the property. Said carport was removed prior to the petitioner taking ownership of the property. Staff is unable to verify but has no reason to doubt this claim.

c. Will a literal interpretation of the provisions of this zoning code work cause unnecessary and undue hardship on the applicant or create practical difficulties for the applicant?

Yes, the petitioner states: "A literal interpretation of the zoning code would drastically reduce the value and enjoyment of our 1.6 acres of the backyard. The undue hardship of forcing the demolition of the new shed flows from the strict application of the setback ordinance and is peculiar to the property because of the narrow shape of the lot. Denying the variance application will unnecessarily create undue hardship and severely reduce the property's value. The backyard is only accessible from the south side because the septic tank and house location and the topography of the north side are not suitable for traffic. Building a new shed on the south side would require untold metric tons of fill dirt plus trenching to mitigate flooding. It would be nearly impossible to maintain this size yard without the new shed to store tools and supplies. that property to the south is shedding stormwater which limits where

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

a shed could be located if not to be flooded…" Staff further notes that as the property is already nonconforming, it cannot be further reduced in size at a later date.

d. Will the Variance, if granted, be the minimum Variance that will make possible the reasonable use of the land, building, or structure and which promotes standards of health, safety, and welfare?

Yes, this is an after-the-fact request to accommodate the location of the subject storage shed. No other improvements are part of this variance request. Granting of the variance, together with the completion of the building permit process, will allow the petitioner to use said shed as was intended. Completion of required building inspections will allow for the structure itself to be found safe and ensure that it satisfies building code standards.

e. Will granting the Variance confer on the applicant any special privilege that is denied by these zoning regulations to other lands, buildings, or structures in the same zoning district?

By definition, a Variance bestows some dimensional relief from the zoning regulations specific to a site. LDC Section 9.04.02 allows relief through the Variance process for any dimensional development standard. As such, other properties facing a similar hardship would be entitled to make a similar request and would be conferred equal consideration on a case-by-case basis.

f. Will granting the Variance be in harmony with the general intent and purpose of this Land Development Code, and not be injurious to the neighborhood, or otherwise detrimental to the public welfare?

Yes, the applicant states: "This variance request is consistent with the residential use in the Golden Gate Estates where it is being requested. The structure will be undergoing all building inspections and corrections in conformity with current county code regulations. The structure was built approximately the same distance from the property line as the north neighbor's house so that it does not look out of place. The new shed is a clean, safe, solid, and aesthetically pleasing storage structure.

My neighbors have signed letters of support for this variance request. The neighborhood is made up of different sizes and shapes including some long, very narrow lots. These lots require a one-by-one corrective approach. Enabling full-time, local residents to build the necessary infrastructure to adequately maintain our properties in everybody's best interest and consistent with the growth management plan. Having a clean and organized yard is a highly desirable characteristic for our neighborhood and our county."

Zoning staff finds that the County's LDC allows for storage sheds as accessory uses to single-family residences within the E zoning district. Granting of the Variance will allow for permitting procedures to be engaged which includes inspections for structural integrity and wind load. Four letters of no objection from neighboring property owners were provided to

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

staff and are contained within Attachment C.

g. Are there natural conditions or physically induced conditions that ameliorate the goals and objectives of the regulation such as natural preserves, lakes, golf courses, etc.?

Yes, the applicant states: "I planted a large cocoplum hedge on the north property line dividing out backyards and made an allowance of a few more feet into my yard so that the new neighbor can go in between her AC unit and the hedge. I also built the new shed at a further distance than the neighbor's house is to my north property line. I also built a four-foot deep "French drain" in the front side of the new shed, filled with gravel, and redirecting any water runoff away from structures and towards natural dispersion and absorption in the east side of the backyard as shown in the submitted stormwater sketch." Staff notes that lots within the E zoning district are larger than typical single-family lots and clearing is both regulated and minimized by the County. The neighboring property to the north is also nonconforming with respect to area and width; it is 75± feet wide, therefore, it has a side yard setback requirement of 7.5 feet (10 percent of the lot width).

h. Will granting the Variance be consistent with the Growth Management Plan?

Yes, approval of this Variance will not affect or change the requirements of the GMP with respect to density, intensity, compatibility, access/connectivity, or any other applicable provisions.

ENVIRONMENTAL ADVISORY COUNCIL (EAC) RECOMMENDATION:

The EAC does not normally hear variance petitions. Since the subject variance doesn't impact any preserve area, the EAC did not hear this petition.

RECOMMENDATION:

Staff recommends that the Collier County Hearing Examiner approve variance petition VA-PL20200002603, to reduce the minimum northern side yard setback to 5.8 feet and to increase the allowable roof overhang to 6.97 feet on the north side to allow for the continued existence of an existing storage shed as depicted within Attachments A and B subject to the following condition:

1. An after-the-fact building permit must be applied for and obtained for the construction of the storage shed, as described herein, in the specified location. Required inspections must be requested and, upon satisfaction of said inspections, a Certificate of Completion must be obtained.

Attachments:

Attachment A – Survey Sketch of Boundary Survey
Attachment B – Roof Overhang Details
Attachment C – Applicant's Backup, Application, and Supporting Documents
Attachment D – Building Permit 88-4266

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Attachment E – Code Case Details CESD20190014719
Attachment F – Permit Application Status PRBD20200103880

Attachment: VA-PL20200002603 - 2890 68th Street SW - Staff Report 02162023 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

SURVEY SKETCH OF BOUNDARY SURVEY

NOT FOR FENCE CONSTRUCTION
NOT FOR CONSTRUCTION
NOT FOR DESIGN

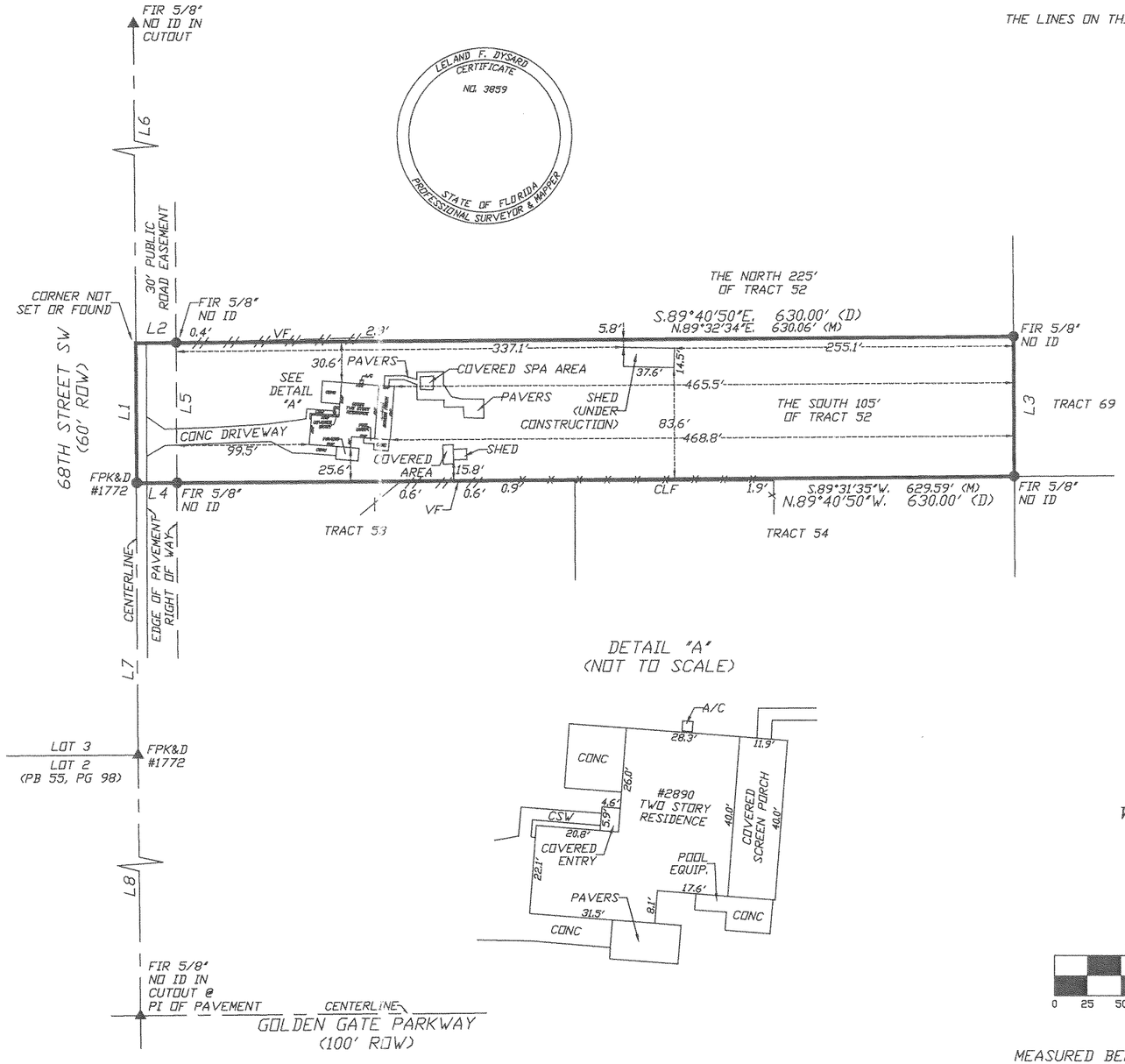
IMPROVEMENTS OTHER THAN THOSE SHOWN, IF ANY, WERE NOT LOCATED

COPYRIGHT 2019: F.L.A. SURVEYS CORP.
THE LINES ON THIS SKETCH DO NOT CONSTITUTE OWNERSHIP.

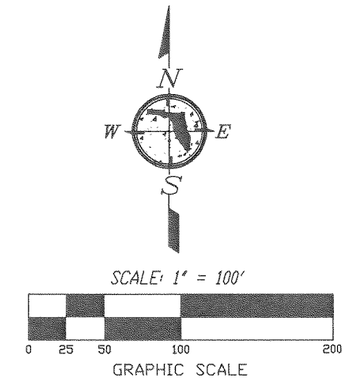
SEE REVERSE SIDE FOR PAGE 3 OF 3

LINE TABLE

Line	Bearing	Distance
L1	N.00°19'10"E.	105.00' (D)
	N.00°36'32"W.	104.86' (C)
L2	S.89°40'50"E.	30.00' (D)
	N.89°25'02"E.	29.92' (C)
L3	S.00°19'10"W.	105.00' (D)
	S.00°22'29"E.	104.88' (M)
L4	N.89°40'50"W.	30.00' (D)
	S.89°47'30"W.	29.96' (M)
L5	N.00°19'10"E.	105.00' (D)
	N.00°37'54"W.	105.06' (M)
L6	N.00°19'10"E.	375.00' (P)
	N.00°26'15"W.	375.01' (C)
L7	S.00°19'10"W.	203.65' (P)
	S.00°27'08"E.	203.73' (M)
L8	S.00°19'10"W.	476.35' (P)
	S.00°31'31"E.	452.90' (M)



DETAIL "A"
(NOT TO SCALE)



CERTIFIED TO :

ULYSSES NABAL JAEN

STREET ADDRESS :

2890 68TH STREET SW
NAPLES, FLORIDA

LEGAL DESCRIPTION :

THE SOUTH 105 FEET OF TRACT 52, GOLDEN GATE ESTATES, UNIT NO. 29, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 7, PAGE(S) 57, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.

CERTIFICATION :

I HEREBY CERTIFY THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS CHAPTER 5J17.05-052, FLORIDA ADMINSTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

BY : Leland F DySard SURVEY DATE : 10/03/2020

CLINTON W. FINSTAD, PE, CFM, PLS #2453 LELAND F. DySARD, PLS #3859
MARY E. FINSTAD, CFM, PSM #5901 RONALD W. WALLING, PSM #6473

NOT VALID WITHOUT SURVEYOR'S SIGNATURE AND EMBOSSED SEAL
NOT A CERTIFICATION OF TITLE, ZONING, EASEMENTS OR FREEDOM OF ENCUMBRANCES.
FLORIDA STATUTE 5J-17.05 (3) (c): TWO SITE BENCHMARKS REQUIRED FOR CONSTRUCTION
NOTE: PROPERTY OWNER SHOULD OBTAIN WRITTEN FLOOD ZONE DETERMINATION FROM LOCAL PERMITTING, PLANNING AND BUILDING DEPARTMENT PRIOR TO ANY CONSTRUCTION PLANNING AND/OR CONSTRUCTION.

MEASURED BEARINGS SHOWN ARE BASED ON STATE PLANE COORDINATES (FLORIDA EAST ZONE), WHICH IS GRID NORTH AS ESTABLISHED BY NOS, AS ACQUIRED BY USING GPS TECHNOLOGY AND IS THE "BASIS OF BEARINGS".

NOTE: IF APPLICABLE, FENCES SHOWN MEANDER ON OR OFF LINES. (APPROX. LOCATION ONLY)

F.L.A. SURVEYS CORP.
PROFESSIONAL LAND SURVEYORS & MAPPERS-LB 6569

3884 PROGRESS AVE., SUITE 104
NAPLES, FL 34104
239-403-1600 FAX 403-8600
239-404-7129 239-580-2795
239-250-2792 239-825-8504
9220 BONITA BEACH ROAD, STE 200
BONITA SPRINGS, FL 34135

DRAWN BY:	MRF	PARTY CHIEF:	MIKE / JC

NOTE:
IN COMPLIANCE WITH F.A.C. 5J-17.052 (2) (d) (4) (IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLAT, IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER.

QUALITY CONTROL
BY : MEF DATE : 10/13/2020

REVISIONS

PROJECT NO:
20-88377-SPC

Attachment: Attachment A - Survey Sketch of Boundary Survey (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

PAGE 3 OF 3
NOT VALID WITHOUT PAGES 1 AND 2 OF 3

GENERAL NOTES
ABSTRACT NOT REVIEWED

N = NORTH
S = SOUTH
E = EAST
W = WEST, OR ANY COMBINATION THEREOF

1. ° = DEGREES
2. ‘ = MINUTES WHEN USED IN A BEARING
3. “ = SECONDS WHEN USED IN A BEARING
4. ‘ = FEET WHEN USED IN A DISTANCE
5. “ = INCHES WHEN USED IN A DISTANCE
6. ± = “MORE OR LESS” OR “PLUS OR MINUS”
7. A = ARC DISTANCE
8. AC = ACRES
9. A/C = AIR CONDITIONING PAD
10. AE = ACCESS EASEMENT
11. B.E. = BUFFER EASEMENT
12. BM = BENCHMARK
13. BOB = BASIS OF BEARING
14. BRG = BEARING
15. C# = CURVE NUMBER
16. C = CALCULATED
17. CB = CATCH BASIN
18. CHB = CHORD BEARING
19. CHD = CHORD
20. CLF = CHAINLINK FENCE
21. CM = CONCRETE MONUMENT
22. C0 = CLEAN OUT
23. CONC = CONCRETE
24. CP = CONCRETE PAD
25. CSW = CONCRETE SIDEWALK
26. CTV= CABLE TV RISER
27. CUE= COLLIER COUNTY UTILITY EASEMENT
28. D = DEED
29. DE= DRAINAGE EASEMENT
30. DH = DRILL HOLE
31. DI = DROP INLET
32. ELEC= ELECTRIC
33. EOP = EDGE OF PAVEMENT
34. EOR = EDGE OF ROAD
35. EOW = EDGE OF WATER
36. F= AS LABELED OR FOUND IN THE FIELD
37. F.A.C. = FLORIDA ADMINISTRATIVE CODE
38. FCC = FOUND CROSS CUT
39. FCM = FOUND CONCRETE MONUMENT
40. FEMA = FEDERAL EMERGENCY MANAGEMENT AGENCY
41. FDH = FOUND DRILL HOLE
42. FFE = FINISH FLOOR ELEVATION
43. FH = FIRE HYDRANT
44. FIP = FOUND IRON PIPE
45. FIR = FOUND IRON ROD
46. FN = FOUND NAIL
47. FND = FOUND
48. FPK = FOUND PK NAIL
49. FPK&D = FOUND PK NAIL AND DISC
50. GTE = TELEPHONE RISER
51. ILLEG. = ILLEGIBLE LB OR PSM NUMBER
52. LB = LICENSED BUSINESS
53. LBE = LANDSCAPE BUFFER EASEMENT
54. LME = LAKE MAINTENANCE EASEMENT
55. LP = LIGHT POLE
56. M = MEASURED
57. ME = MAINTENANCE EASEMENT
58. MH = MANHOLE
59. NAVD 1988 = NORTH AMERICAN VERTICAL DATUM OF 1988
60. NGVD 1929 = NATIONAL GEODETIC VERTICAL DATUM OF 1929
61. NO ID = NO IDENTIFYING MARKINGS
62. (NR) = NON-RADIAL
63. NTS= NOT TO SCALE
64. OHP= OVERHEAD POWER
65. OHU = OVERHEAD UTILITY LINE
66. O.R. = OFFICIAL RECORD BOOK
67. P = PLAT
68. PC = POINT OF CURVATURE
69. PCC = POINT OF COMPOUND CURVATURE
70. PCP = PERMANENT CONTROL POINT
71. PG = PAGE
72. PI = POINT OF INTERSECTION
73. PK&D = PARKER KALON NAIL AND DISC
74. PLS = PROFESSIONAL LAND SURVEYOR
75. POB = POINT OF BEGINNING
76. POC = POINT OF COMMENCEMENT
77. PP = POWER POLE
78. PRC = POINT OF REVERSE CURVE
79. PRM = PERMANENT REFERENCE MONUMENT
80. PSM= PROFESSIONAL SURVEYOR AND MAPPER
81. PU & DE = PUBLIC UTILITY & DRAINAGE EASEMENT
82. PUE = PUBLIC UTILITY EASEMENT
83. (R) = RADIAL
84. R = RADIUS
85. RING = ITEM DETECTED BY METAL DETECTOR BUT NOT RECOVERED
86. RNG= RANGE
87. ROW = RIGHT-OF-WAY
88. RR SPK = RAILROAD SPIKE
89. SAT= SATELLITE DISH
90. SEC = SECTION
91. SPK&D = SET PK WITH DISC WITH LB NUMBER
92. SIR = SET 5/8" IRON ROD WITH LB NUMBER
93. TBM = TEMPORARY BENCH MARK
94. TECO= TAMPA ELECTRIC COMPANY
95. TEL = TELEPHONE FACILITIES
96. TOB = TOP OF BANK
97. TP = TRANSMITTER PAD
98. TUE = TECHNOLOGY UTILITY EASEMENT
99. TVR= TELEVISION RISER
100. TWP= TOWNSHIP
101. UE = UTILITY EASEMENT
102. VF = VINYL FENCE
103. W = WATER SERVICE
104. WB = WATER BOX
105. WF= WOOD FENCE
106. WPP= WOOD POWER POLE
107. WREC= WITHLACOOCHEE RIVER ELECTRIC COMPANY
108. Δ = DELTA OR CENTRAL ANGLE OF CURVE
109. DIMENSIONS ARE IN FEET AND IN DECIMALS THEREOF
110. ELEVATIONS SHOWN HEREON ARE NAVD 1988 UNLESS OTHERWISE STATED
111. ALL PHYSICAL IMPROVEMENTS SHOWN WITHOUT DIMENSIONS ARE FOR INFORMATIONAL PURPOSES ONLY. THAT THEY DO EXIST, BUT WERE NOT NECESSARILY MEASURED IN THE FIELD.
112. NOTE: LEGAL DESCRIPTION PROVIDED BY CLIENT UNLESS OTHERWISE NOTED.
113. EASEMENTS AND RIGHT OF WAYS SHOWN ARE PER RECORDED PLAT OR AS FURNISHED BY THE CLIENT
114. FOUNDATION LINE BELOW THE SURFACE OF THE GROUND IS NOT REFLECTED
115. THIS SURVEY IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNDER ANY CONDITION UNLESS OTHERWISE STATED
116. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS NOTED
117. NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT OF WAYS, AND/OR OWNERSHIP WERE FURNISHED THIS SURVEYOR EXCEPT AS SHOWN
118. THERE ARE NO VISIBLE ENCROACHMENTS EXCEPT THOSE AS DELINEATED ON THIS PLAT OF SURVEY
119. TIES ARE TO FIELD LINES UNLESS OTHERWISE NOTED
120. THERE MAY BE ADDITIONAL RESTRICTIONS AND/OR EASEMENTS THAT ARE NOT RECORDED ON SAID PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY
121. FENCES MEANDER ON AND OFF LINE, APPROXIMATE LOCATION ONLY UNLESS STATED OTHERWISE.
122. THE LINES ON THIS SKETCH DO NOT CONSTITUTE OWNERSHIP
123. THE INTENT OF THIS SURVEY IS FOR TITLE TRANSFER ONLY UNLESS STATED OTHERWISE.
124. FLORIDA STATUTE : TWO SITE BENCHMARKS ARE REQUIRED FOR CONSTRUCTION.
125. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
126. 121. F.E.M.A. FLOOD HAZARD MAPPING: THIS DATE PRODUCT WAS NOT DESIGNED TO MAKE PRECISE IN/OUT FLOOD RISK DETERMINATIONS. THIS PRODUCT IS NOT SUITABLE FOR ENGINEERING APPLICATIONS AND CANNOT BE USED TO DETERMINE ABSOLUTE DELINEATIONS OF FLOOD BOUNDARIES. CALL 1-877-FEMAMAP OR EMAIL A MAP SPECIALIST AT: HTTP://WWW.FEMA.GOV/PLAN/PREVENT/FHM/TSD_EMAP.SHT PROPERTY OWNER SHOULD OBTAIN WRITTEN FLOOD ZONE DETERMINATION FROM LOCAL PERMITTING, PLANNING AND BUILDING DEPARTMENT PRIOR TO ANY CONSTRUCTION PLANNING AND/OR CONSTRUCTION
127. IN COMPLIANCE WITH F.A.C. 5J-17.052(2)(D)(4) – IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLAT, IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER.
128. IF APPLICABLE, FENCES SHOWN MEANDER ON OR OFF LINES (APPROXIMATE LOCATION ONLY)
129. ARCHITECTURAL FEATURES, SUCH AS FURRING STRIPS, SIDING, CORNICES, STUCCO, ETC., OUTSIDE THE LINE OF THE STRUCTURE HAVE BEEN TAKEN INTO ACCOUNT WHEN GIVING TIES FROM THE STRUCTURE TO THE LOT LINES.
130. ATTENTION IS DIRECTED TO THE FACT THAT THIS SURVEY MAY HAVE BEEN REDUCED OR ENLARGED IN SIZE DUE TO REPRODUCTION. THIS SHOULD BE TAKEN INTO CONSIDERATION WHEN OBTAINING SCALED DATA.

Attachment: Attachment A - Survey Sketch of Boundary Survey (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

SURVEY SKETCH OF BOUNDARY SURVEY

NOT FOR FENCE CONSTRUCTION

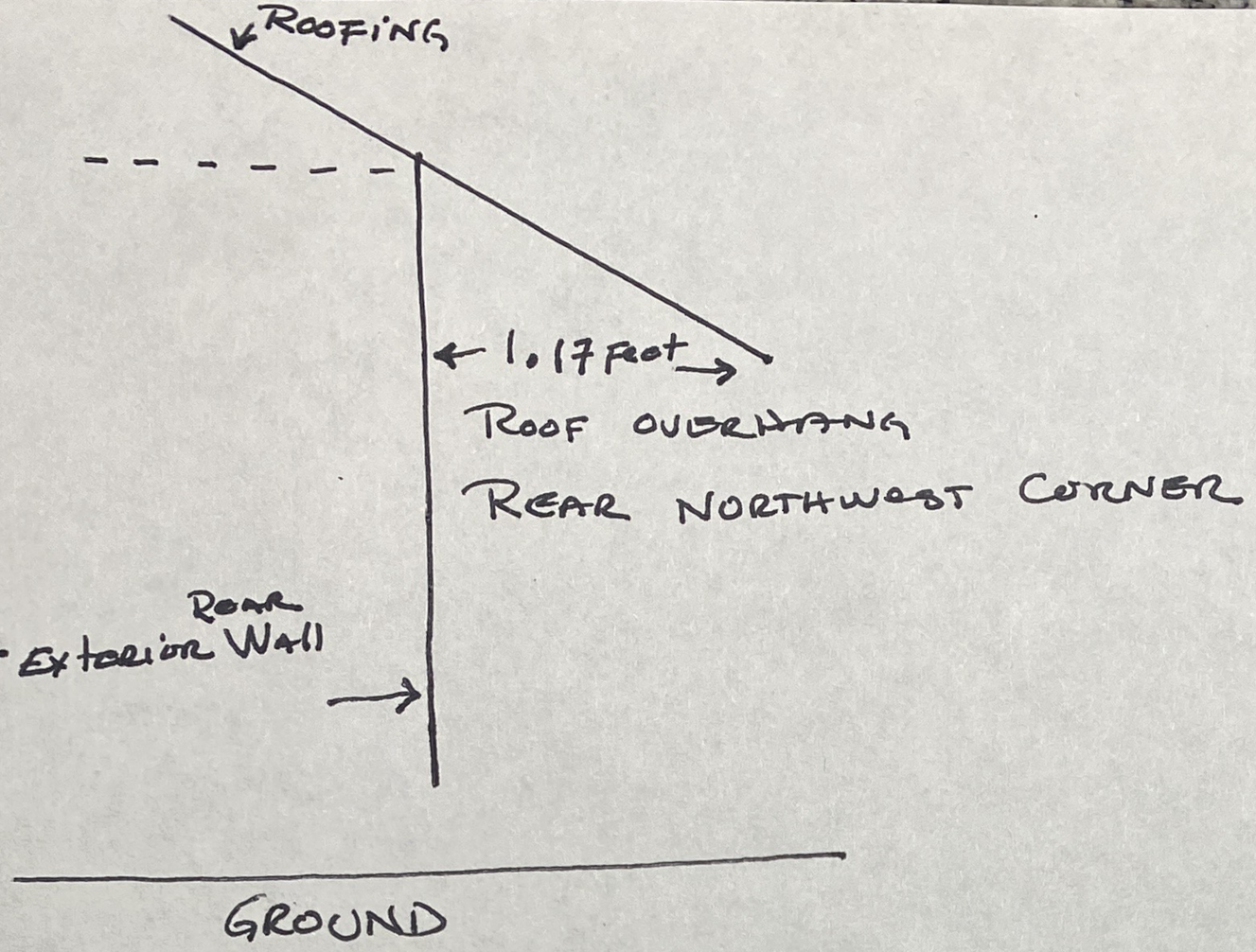
NOT FOR CONSTRUCTION

NOT FOR DESIGN

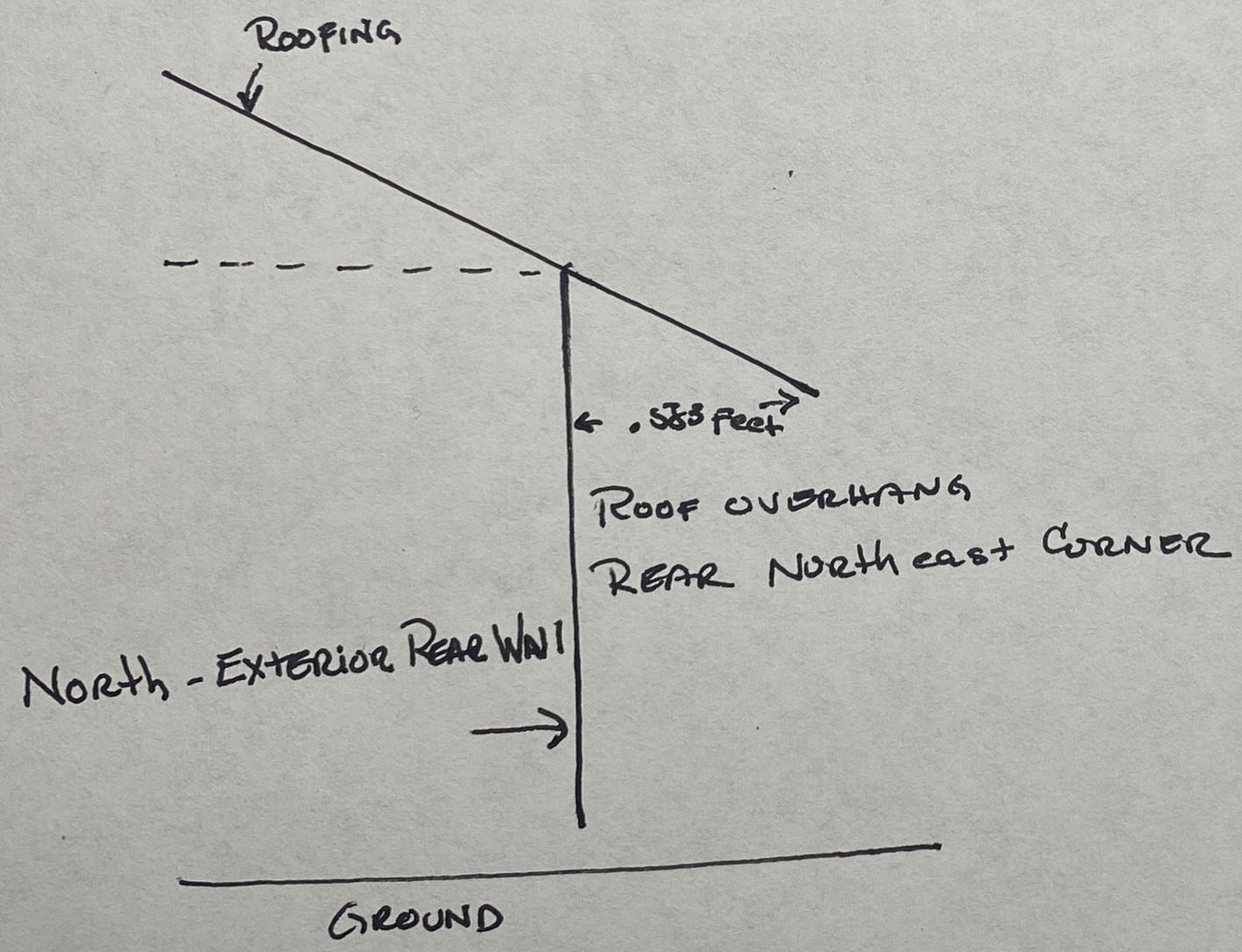
PHOTO PAGE

F.L.A. SURVEYS CORP. PROFESSIONAL LAND SURVEYORS & MAPPERS - LB 6569	3884 PROGRESS AVE., SUITE 104 NAPLES, FLORIDA 34104 239-403-1600 FAX 403-8600 9220 BONITA BEACH ROAD, STE. 200 BONITA SPRINGS, FLORIDA 34135 239-403-1600 FAX 403-8600	REVISIONS PROJECT NO.
DRAWN BY: LFD | PARTY CHIEF: | N/A		

Attachment: Attachment A - Survey Sketch of Boundary Survey (24725 : PL20200002603 VA 2890 68th Street SW Jaen)



1.17 Feet
OVERHANG



.583 Feet
OVERHANG -

Attachment: Attachment B - Roof Overhang Details (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Collier County

COLLIER COUNTY GOVERNMENT
GROWTH MANAGEMENT DEPARTMENT
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VARIANCE PETITION APPLICATION

Variance from Setbacks Required for a Particular Zoning District

LDC section 9.04.00 & Code of Laws section 2-83 – 2-90
Chapter 3 J. of the Administrative Code

PROJECT NUMBER
PROJECT NAME
DATE PROCESSED

20200002603
To be completed by staff

APPLICANT CONTACT INFORMATION

Name of Property Owner(s): Ulysses Jaen

Name of Applicant if different than owner: N/A

Address: 2890 68th ST SW. City: Naples State: FL. ZIP: 34105

Telephone: 304-816-1410 Cell: Same Fax: _____

E-Mail Address: Ulysesjaen@gmail.com

Name of Agent: N/A.

Firm: _____

Address: _____ City: _____ State: _____ ZIP: _____

Telephone: _____ Cell: _____ Fax: _____

E-Mail Address: _____

BE AWARE THAT COLLIER COUNTY HAS LOBBYIST REGULATIONS. GUIDE YOURSELF ACCORDINGLY AND ENSURE THAT YOU ARE IN COMPLIANCE WITH THESE REGULATIONS.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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PROPERTY INFORMATION

Provide a detailed legal description of the property covered by the application: (If space is inadequate, attach on separate page)

Property I.D. Number: 38104720009 **Section/Township/Range:** 30 / 49s / 26

Subdivision: Golden Gate Estates **Unit:** _____ **Lot:** _____ **Block:** _____

Metes & Bounds Description: GOLDEN GATE ESTATES UNIT 29 TRACT 52; S 105' **Total Acreage:** 1.59

Address/ General Location of Subject Property: 2890 68th street sw, Naples, FL 34105

ADJACENT ZONING AND LAND USE

	Zoning	Land Use
N	E	RESIDENTIAL
S	E	RESIDENTIAL
E	E	RESIDENTIAL
W	E	RESIDENTIAL

Minimum Yard Requirements for Subject Property:

Front: 75 **Corner Lot:** Yes ☐ No ■

Side: 10.5 **Waterfront Lot:** Yes ☐ No ■

Rear: 75

Chapter 8 of the Administrative Code requires that the applicant must remove their public hearing advertising sign(s) after final action is taken by the Board of County Commissioners. Based on the Board's final action on this item, please remove all public hearing advertising sign(s) immediately.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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ASSOCIATIONS

Complete the following for all registered Association(s) that could be affected by this petition. Provide additional sheets if necessary. Information can be found on the Board of County Commissioner's website at http://www.colliergov.net/Index.aspx?page=774.

Name of Homeowner Association: N/A
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

Name of Homeowner Association: _____
Mailing Address: _____ **City:** _____ **State:** _____ **ZIP:** _____

NATURE OF PETITION

On a separate sheet, attached to the application, please provide the following:

1. A detailed explanation of the request including what structures are existing and what is proposed; the amount of encroachment proposed using numbers, i.e. reduce front setback from 25 ft. to 18 ft.; when property owner purchased property; when existing principal structure was built (include building permit number(s) if possible); why encroachment is necessary; how existing encroachment came to be; etc.

2. For projects authorized under LDC Section 9.04.02, provide a detailed description of site alterations, including any dredging and filling.

3. Pursuant to LDC section 9.04.00, staff shall be guided in their recommendation to the Hearing Examiner, and the Hearing Examiner shall be guided in the determination to approve or deny a variance petition by the criteria (a-h) listed below. Please address the following criteria:

   a) Are there special conditions and circumstances existing which are peculiar to the location, size and characteristics of the land, structure, or building involved.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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b) Are there special conditions and circumstances which do not result from the action of the applicant such as pre-existing conditions relative to the property which is the subject of the variance request.

c) Will a literal interpretation of the provisions of this zoning code work unnecessary and undue hardship on the applicant or create practical difficulties on the applicant.

d) Will the variance, if granted, be the minimum variance that will make possible the reasonable use of the land, building or structure and which promote standards of health, safety or welfare.

e) Will granting the variance requested confer on the petitioner any special privilege that is denied by these zoning regulations to other lands, buildings, or structures in the same zoning district.

f) Will granting the variance be in harmony with the intent and purpose of this zoning code, and not be injurious to the neighborhood, or otherwise detrimental to the public welfare.

g) Are there natural conditions or physically induced conditions that ameliorate the goals and objectives of the regulation such as natural preserves, lakes, golf course, etc.

h) Will granting the variance be consistent with the Growth Management Plan?

4. Official Interpretations or Zoning Verifications: To your knowledge, has there been an official interpretation or zoning verification rendered on this property within the last year?

☐ Yes ■ No If yes, please provide copies.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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Pre-Application Meeting and Final Submittal Requirement Checklist for:
Variance
Chapter 3 J. of the Administrative Code

The following Submittal Requirement Checklist is to be utilized during the Pre-Application Meeting and at time of application submittal. At time of submittal, the checklist is to be completed and submitted with the application packet. Please provide the submittal items in the exact order listed below with cover sheets attached to each section. **Incomplete submittals will not be accepted.**

REQUIREMENTS FOR REVIEW	# OF COPIES	REQUIRED	NOT REQUIRED
Completed Application (download current form from County website)	1	☑	☐
Pre-Application Meeting Notes	1	☑	☐
Project Narrative	1	☑	☐
Completed Addressing Checklist	1	☑	☐
Property Ownership Disclosure Form	1	☒	
Conceptual Site Plan 24" x 36" and one 8 ½ " x 11" copy	1	☑	☐
Survey of property showing the encroachment (measured in feet)	~~2~~ 1	☑	☐
Affidavit of Authorization, signed and notarized	~~2~~ 1	☑	☐
Deeds/Legal's	~~3~~ 1	☑	☐
Location map	~~1~~	☐	☑
Current aerial photographs (available from Property Appraiser) with project boundary and, if vegetated, FLUCFCS Codes with legend included on aerial	~~5~~	☐	☑
Historical Survey or waiver request	~~1~~	☐	☑
Environmental Data Requirements or exemption justification	3	☐	☐
Once the first set of review comments are posted, provide the assigned planner the Property Owner Advisory Letter and Certification	1	☑	☐
Electronic copy of all documents and plans *Please advise: The Office of the Hearing Examiner requires all materials to be submitted electronically in PDF format.	1	☑	☐

Same as to be used for building permit

UPON COMPLETION OF REVIEW PROCESS.

ADDITIONAL REQUIREMENTS FOR THE PUBLIC HEARING PROCESS:

- Following the completion of the review process by County review staff, the applicant shall submit all materials electronically to the designated project manager.
- Please contact the project manager to confirm the number of additional copies required.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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Planners: Indicate if the petition needs to be routed to the following reviewers:

☐	Bayshore/Gateway Triangle Redevelopment: Executive Director	☐	Historical Review
☐	City of Naples: Robin Singer, Planning Director	☐	Immokalee Water/Sewer District
☐	Conservancy of SWFL: Nichole Ryan	☐	Parks and Recreation: David Berra
☐	Emergency Management: Dan Summers; and/or EMS: Artie Bay	☐	School District (Residential Components): Amy Lockheart
☐	Other:	☐	

FEE REQUIREMENTS

- ☐ **Pre-Application Meeting:** $500.00
- ☐ **Variance Petition:**
  - **Residential-** $2,000.00
  - **Non-Residential-** $5,000.00
  - **5th and Subsequent Review-** 20% of original fee
- ☐ **Estimated Legal Advertising Fee for the Office of the Hearing Examiner:** $1,125.00
- ☐ **After The Fact Zoning/Land Use Petitions:** 2x the normal petition fee
- ☐ **Listed Species Survey (if EIS is not required):** $1,000.00

Fire Code Plans Review Fees are collected at the time of application submission and those fees are set forth by the Authority having jurisdiction. The Land Development Code requires Neighborhood Notification mailers for Applications headed to hearing, and this fee is collected prior to hearing.

As the authorized agent/applicant for this petition, I attest that all of the information indicated on this checklist is included in this submittal package. I understand that failure to include all necessary submittal information may result in the delay of processing this petition.

All checks payable to: Board of County Commissioners.

The completed application, all required submittal materials, and the permit fee shall be submitted to:

Growth Management Department
Zoning Division
ATTN: Business Center
2800 North Horseshoe Drive
Naples, FL 34104

Applicant Signature — Date: 05/13/2022

Ulysses Jaen — Printed Name — Date: 12/9/2020

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Collier County
Growth Management Department

ADDRESSING CHECKLIST

Please complete the following and email to GMD_Addressing@colliercountyfl.gov or submit in person to the Addressing Section at the address listed below. This form must be signed by Addressing personnel *prior* to the pre-application meeting. **Please allow 3 business days for processing.**

Not all items will apply to every project. Items in **bold** are required. **FOLIO NUMBERS MUST BE PROVIDED.** Forms older than 6 months will require additional review and approval by the Addressing Section.

PETITION TYPE (Indicate type below. Complete a separate Addressing Checklist for each Petition type).

- ☐ BL (Blasting Permit)
- ☐ BD (Boat Dock Extension)
- ☐ Carnival/Circus Permit
- ☐ CU (Conditional Use Permit)
- ☐ EXP (Excavation Permit)
- ☐ FP (Final Plat)
- ☐ LLA (Lot Line Adjustment)
- ☐ PNC (Project Name Change)
- ☐ PPL (Plans & Plat Review)
- ☐ PSP (Preliminary Subdivision Plat)
- ☐ PUD Rezone
- ☐ RZ (Standard Rezone)
- ☐ SDP (Site Development Plan)
- ☐ SDPA (SDP Amendment)
- ☐ SDPI (Insubstantial Change to SDP)
- ☐ SIP (Site Improvement Plan)
- ☐ SIPI (Insubstantial Change to SIP)
- ☐ SNR (Street Name Change)
- ☐ SNC (Street Name Change – Unplatted)
- ☐ TDR (Transfer of Development Rights)
- ☒ VA (Variance)
- ☐ VRP (Vegetation Removal Permit)
- ☐ VRSFP (Vegetation Removal & Site Fill Permit)
- ☐ OTHER _____

LEGAL DESCRIPTION of subject property or properties (copy of lengthy description may be attached)

GOLDEN GATE EST UNIT 29 S 105FT OF TR52 T49, R26, S30

FOLIO (Property ID) Number(s) of above (attach to, or associate with, legal description if more than one)

PARCEL ID# ~~38 1047 2009~~ 38104720009

STREET ADDRESS or ADDRESSES (as applicable, if already assigned)

2890 68th STREET SW. NAPLES, FL. 34105

- **LOCATION MAP** must be attached showing exact location of project/site in relation to nearest public road right-of-way
- SURVEY (copy – only needed for unplatted properties)

CURRENT PROJECT NAME (if applicable)

FILE NO. 397165-001 EE, COLLIER COUNTY

PROPOSED PROJECT NAME (if applicable)

SHED Relocation name not yet approved

PROPOSED STREET NAMES (if applicable)

SITE DEVELOPMENT PLAN NUMBER (for existing projects/sites only)

SDP ____-____ or AR or PL # _____

Operations & Regulatory Management Division • 2800 North Horseshoe Drive • Naples, FL 34104 • 239-252-2400
www.colliercountyfl.gov

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Collier County
Growth Management Department

Project or development names proposed for, or already appearing in, condominium documents (if application, indicate whether proposed or existing)

Please Return Approved Checklist By: ☐Email ☐Personally picked up

Applicant Name: Ulysses Jaen

Phone: 304-816-1410 **Email:** Ulysesjaen@Gmail.com

Signature on Addressing Checklist does not constitute Project and/or Street Name approval and is subject to further review by the Operations Division.

FOR STAFF USE ONLY

Folio Number 38104720009

Folio Number

Folio Number

Folio Number

Folio Number

Folio Number

Approved by: L.L.H. **Date:** 5/16/2022

Updated by: **Date:**

IF OLDER THAN 6 MONTHS, FORM MUST BE UPDATED OR A NEW FORM SUBMITTED.

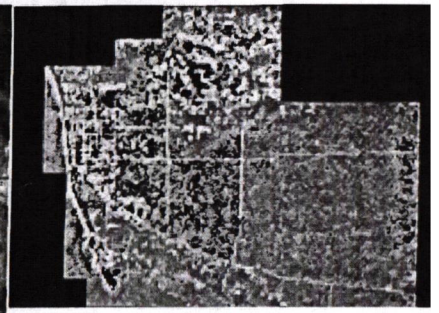
Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Collier County Property Appraiser
Property Aerial

Parcel No	38104720009	Site Address *Disclaimer	2890 68TH ST SW	Site City	NAPLES	Site Zone *Note	34105

Open GIS in a New Window with More Features.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)



MAP LEGEND

- Major Roads
- Street Names
- Parcels
- Aerials 2020 Urban [6IN]
- Aerials 2020 Rural [2FT]
- Collier County

Folio Number: 38104720009
Name: JAEN, ULYSSES NABAL
Street# & Name: 2890 68TH ST SW
Build# / Unit#: 52 / 3
Legal Description: GOLDEN GATE EST UNIT 29 S 105FT OF TR 52

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

COLLIER COUNTY GOVERNMENT
GROWTH MANAGEMENT DEPARTMENT
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PROPERTY OWNERSHIP DISCLOSURE FORM

This is a required form with all land use petitions, except for Appeals and Zoning Verification Letters.

Should any changes of ownership or changes in contracts for purchase occur subsequent to the date of application, but prior to the date of the final public hearing, it is the responsibility of the applicant, or agent on his behalf, to submit a supplemental disclosure of interest form.

Please complete the following, use additional sheets if necessary.

a. If the property is owned fee simple by an INDIVIDUAL, tenancy by the entirety, tenancy in common, or joint tenancy, list all parties with an ownership interest as well as the percentage of such interest:

Name and Address	% of Ownership
Ulysses Jaen 2890 68th ST. SW Naples, Florida 34105	100%

b. If the property is owned by a CORPORATION, list the officers and stockholders and the percentage of stock owned by each:

Name and Address	% of Ownership

c. If the property is in the name of a TRUSTEE, list the beneficiaries of the trust with the percentage of interest:

Name and Address	% of Ownership

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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d. If the property is in the name of a GENERAL or LIMITED PARTNERSHIP, list the name of the general and/or limited partners:

Name and Address	% of Ownership

e. If there is a CONTRACT FOR PURCHASE, with an individual or individuals, a Corporation, Trustee, or a Partnership, list the names of the contract purchasers below, including the officers, stockholders, beneficiaries, or partners:

Name and Address	% of Ownership

Date of Contract: _____

f. If any contingency clause or contract terms involve additional parties, list all individuals or officers, if a corporation, partnership, or trust:

Name and Address

g. Date subject property acquired 08/01/2012

☐ **Leased: Term of lease** _____ **years /months**

If, Petitioner has option to buy, indicate the following:

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

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Date of option: N/A.

Date option terminates: _____, or

Anticipated closing date: _____

AFFIRM PROPERTY OWNERSHIP INFORMATION

Any petition required to have Property Ownership Disclosure, will not be accepted without this form. Requirements for petition types are located on the associated application form. Any change in ownership whether individually or with a Trustee, Company or other interest-holding party, must be disclosed to Collier County immediately if such change occurs prior to the petition's final public hearing.

As the authorized agent/applicant for this petition, I attest that all of the information indicated on this checklist is included in this submittal package. I understand that failure to include all necessary submittal information may result in the delay of processing this petition.

The completed application, all required submittal materials, and fees shall be submitted to:

Growth Management Department
ATTN: Business Center
2800 North Horseshoe Drive
Naples, FL 34104

Agent/Owner Signature

05/11/2022.
Date

Ulysses Jaen
Agent/Owner Name (please print)

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

INSTR 4726628 OR 4824 PG 2634 RECORDED 8/8/2012 4:05 PM PAGES 2
DWIGHT E. BROCK, CLERK OF THE CIRCUIT COURT, COLLIER COUNTY FLORIDA
DOC@.70 $1,442.00 REC $18.50
CONS $206,000.00

206,000

This Warranty Deed

Made this 3rd day of August, 2012 by

Anna H. Gillett, An Unremarried Widow

hereinafter called the grantor, to

Ulysses Nabal Jaen, A Single Person

whose post office address is:

2890 68th Street SW
Naples, FL 34105

hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, leg representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of $10.00 and other valuable consideration receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirm unto the grantee, all that certain land situate in Collier County, Florida, viz:

The South 105 feet of Tract 52, GOLDEN GATE ESTATES, UNIT NO. 29, according to the plat thereo recorded in Plat Book 7, Page(s) 57, of the Public Records of Collier County, Florida.

Parcel Identification Number: 38104720009

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said lan is free of all encumbrances. Subject to covenants, restrictions, easements of record and taxes for the current year an subsequent years.

NOT A CERTIFIED COPY

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Dana L. Hamilton
Witness: (Signature)
Print Name: Dana L. Hamilton

Witness: (Signature)
Print Name: Stacey Busch

Anna H. Gillett
C/O Cindy G. Long
2310 23rd St. SW
Naples, FL 34117

State of Florida
County of Collier

The foregoing instrument was acknowledged before me this 2nd day of August, 2012, by Anna H. Gillett, A Unremarried Widow , who is personally known to me or who has produced Drivers License as identification.

Dana L. Hamilton
NOTARY PUBLIC (signature)
Print Name: Dana L. Hamilton
My Commission Expires:
Stamp/Seal:

Prepared by: Dana L. Hamilton
Sunbelt Title Agency
850 6th Avenue South Suite #102
Naples, FL 34102
File Number: 7941120310
Parcel Identification Number: 38104720009

RETURN TO:
Sunbelt Title Agency
2170 W. State Rd. 434
Suite 450
Longwood, FL 32779

NOT CERTIFIED COPY

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

NARRATIVE STATEMENT

I respectfully request your approval for an after-the-fact 4.7-foot variance (plus 1.17 feet roof overhang on NW rear wall) from the required side yard setback of 10.5 feet as provided for in Land Development Code Section 2.03.01.B.2.d for nonconforming lots of record which are nonconforming due to inadequate lot width in the Estates (E) Zoning District. The request is to allow for the continued existence of a storage shed (37 Feet 6" inches long x 14 feet 5 inches wide or 37.5' X 14.41' feet) constructed 5.8 feet from the north side property line located at 2890 68th Street SW, further described as the south 105 feet of Tract 52, Golden Gate Estates, Unit No. 29, in Section 30, Township 49 South, Range 26 East, Collier County, Florida. [PL20200002603]

Our old tool shed had been in place for over ten years without any flooding problems until DPT of Florida Automotive Repair constructed a massive truck and auto repair shop and parking lot next door to me. I bought the property on August 1st, 2012, and it had no issues. These days, the rainwater is no longer being absorbed because of the DPT building next door, and the runoff floods the area where my old shed was located on the south side of my property close to the house forcing me to move it.

My old neighbor on the north side of our property had built two carports but one of the carports was built on our side of the property. The carport was removed when I purchased the property. The site where the carport was located has approximately 4 feet of compacted gravel making it the ideal, driest, and highest solid surface in the entire property. Our lot size is very narrow, and the south side of our property consistently floods when the water runoff from DPT of Florida saturates the yard making it impractical to use. I received permission from my neighbors to build the current structure as you will see in their signed statements.

I was contacted by the County's Code Enforcement Division on 12/13/2022 and was informed that I needed a building permit for the relocation and construction of the shed. I proceeded to apply for a building permit (No. PRBD20200103880), and it was during the County's review of my permit application that I learned the shed had been placed too close to the north side of the property line. It is for this reason I must now seek an after-the-fact 4.7-foot variance from the required northern side yard setback of 10.5 feet; the structure's roof overhangs an additional 1.17 feet into the side yard.

Not allowing this petition for variance will undoubtedly create undue hardships on my family's property interest as we will no longer be able to utilize our backyard thus limiting the quiet enjoyment of our home. I am seeking approval of this variance to cure the existing Code Enforcement violation and to satisfy the County's order to correct it. Once this petition is granted, I promise to seek reinstatement of my prior permit application so that all proper inspections can be performed, and the Certificate of Completion can be awarded.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Variance Criteria

a) Are there special conditions and circumstances existing which are peculiar to the location, size and characteristics of the land, structure, or building involved.

There are special conditions consisting of the existing lower topography caused by the construction of a massive truck and auto repair shop owned by DPT of Florida and bordering the South Side of the property. When the foundation of the DPT building was made, they raised the height of their lot significantly. DPT also built driveways and parking lot that no longer absorb rainwater. The water runoff saturates and floods the south side of my backyard where my old shed was built.

My prior neighbor on the north side of our property had built two carports but one of the carports was built incorrectly on our side of the property. The carport was removed when I purchased the property. This site is where I built my new shed. The site where the carport was located has approximately 4 feet of compacted gravel making it the ideal, driest, and highest solid surface in the entire property.

I planted a large cocoplum hedge on the north property line dividing our backyards and made an allowance of a few more feet into my yard so that the new neighbor can go in between her AC unit and the hedge. I also built the new shed at a further distance than the neighbor's house is to my north property line. I also built a four-foot deep "French drain" in the front side of the new shed, filled with gravel, and redirecting any water runoff away from structures and towards natural dispersion and absorption in the east side of the backyard as shown in the submitted stormwater sketch.

b) Are there special conditions and circumstances which do not result from the action of the applicant such as pre-existing conditions relative to the property which is the subject of the variance request.

The special condition was created by the construction of the adjacent DPT building that resulted in water intrusion on the south side of my property where I had my old shed for over ten years. I built the new shed on the same site that was erroneously used by my prior north neighbor and with the approval of my current north neighbor. The site is approximately the same distance between the north property line and the neighbor's house. I also made an allowance for my neighbor to the north to have more space between the hedge and her air conditioning unit so that she can use that space freely. I did not know that the new shed's north rear wall was within the setback. I was only made aware after my neighbor to the south, who created the flooding situation, called county enforcement to complain about the new shed.

c) Will a literal interpretation of the provisions of this zoning code work unnecessary and undue hardship on the applicant or create practical difficulties on the applicant.

A literal interpretation of the zoning code would drastically reduce the value and enjoyment of our 1.6 acres of the backyard. The undue hardship of forcing the demolition of the new shed flows from the strict application of the setback ordinance and is peculiar to the property because of the narrow shape of the lot. Denying the variance application will unnecessarily create undue hardship and severely reduce the property's value. The backyard is only accessible from the south side because the septic tank and house location and the topography of the north side are not suitable for traffic. Building a new shed on the south side would require untold metric tons of fill dirt plus trenching to mitigate flooding. It would be nearly impossible to maintain this size yard without the new shed to store tools and supplies.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

The garage is already being used as a laundry room and to store the family's household goods, The new storage shed is a necessity for our family and the only and most logical place for our new storage shed is where it is located now.

The literal interpretation of the zoning code doesn't allow for the current position of my new shed by a few inches and would force the destruction of the new shed, it would cause the loss of a significant financial investment for my family and will cause the permanent loss of enjoyment of our property as we will no longer have a place to do our projects and store our tools and materials. The market value of the property will be directly affected.

d) Will the variance, if granted, be the minimum variance that will make possible the reasonable use of the land, building or structure and which promote standards of health, safety or welfare.

The new shed is in our backyard and far away from all public views and with more than enough space between the two properties for a natural hedge and driveway. Having a clean and organized yard is a highly desirable characteristic for our neighborhood and our county. The neighborhood is made up of lots of different sizes and shapes including long very narrow lots. These lots require a one-by-one corrective approach. My neighbor on the north side has approved my new shed. Enabling full-time, local residents to build the necessary infrastructure to adequately maintain our properties is in everybody's best interest and consistent with the growth management plan.

e) Will granting the variance requested confer on the petitioner any special privilege that is denied by these zoning regulations to other lands, buildings, or structures in the same zoning district.

Granting the requested variance does not confer any special privileges on the petitioner. Variances are made possible for citizens when a reasonable request is made. As our county grows, rational flexibility is needed for each owner. This variance petition is for the building of a storage structure that should be encouraged where possible to improve the neighborhood. Most neighboring properties have significant second homes, garages, sheds, barns, coops, and recreational vehicles in their backyards as is expected in this Golden Gate Estates area.

f) Will granting the variance be in harmony with the intent and purpose of this zoning code, and not be injurious to the neighborhood, or otherwise detrimental to the public welfare.

This variance request is consistent with the residential use in the Golden Gate Estates where it is being requested. The structure will be undergoing all building inspections and corrections in conformity with current county code regulations. The structure was built approximately the same distance from the property line as the north neighbor's house so that it does not look out of place. The new shed is a clean, safe, solid, and aesthetically pleasing storage structure. It allows us to organize and keep all our tools and materials completely out of sight and away from the elements.

My neighbors have signed letters of support for this variance request. The neighborhood is made up of different sizes and shapes including some long, very narrow lots. These lots require a one-by-one corrective approach. Enabling full-time, local residents to build the necessary infrastructure to adequately maintain our properties is in everybody's best interest and consistent with the growth management plan. Having a clean and organized yard is a highly desirable characteristic for our neighborhood and our county.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

g) Are there natural conditions or physically induced conditions that ameliorate the goals and objectives of the regulation such as natural preserves, lakes, golf course, etc.

These are oversized lots located in Golden Gate Estates that allow for agricultural and commercial use, some of the properties are long but very narrow making use restricted by space that ameliorates the goals of the regulation.

h) Will granting the variance be consistent with the Growth Management Plan?

Granting this variance request is consistent with Growth Management Plan because enabling full-time, local residents to build according to their specific property needs is important. Allowing the necessary infrastructure to adequately maintain our properties is in everybody's best interest. The construction of a storage shed is appropriate and necessary for property owners and the placement of the shed requires flexibility to meet the property's unique requirements. The north side site for the new shed was selected because the south side of the yard gets flooded because of the new construction on my south neighbor's yard and because the site was compacted gravel and approved by my north side neighbor.

Because the building on the south side causes flooding to the property, I selected a site on the north side with my neighbor's consent. I inadvertently built the new shed a few inches from the setback, granting approval to the variance petition will ensure that substantial justice is achieved.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

SURVEY SKETCH OF BOUNDARY SURVEY

NOT FOR FENCE CONSTRUCTION
NOT FOR CONSTRUCTION
NOT FOR DESIGN

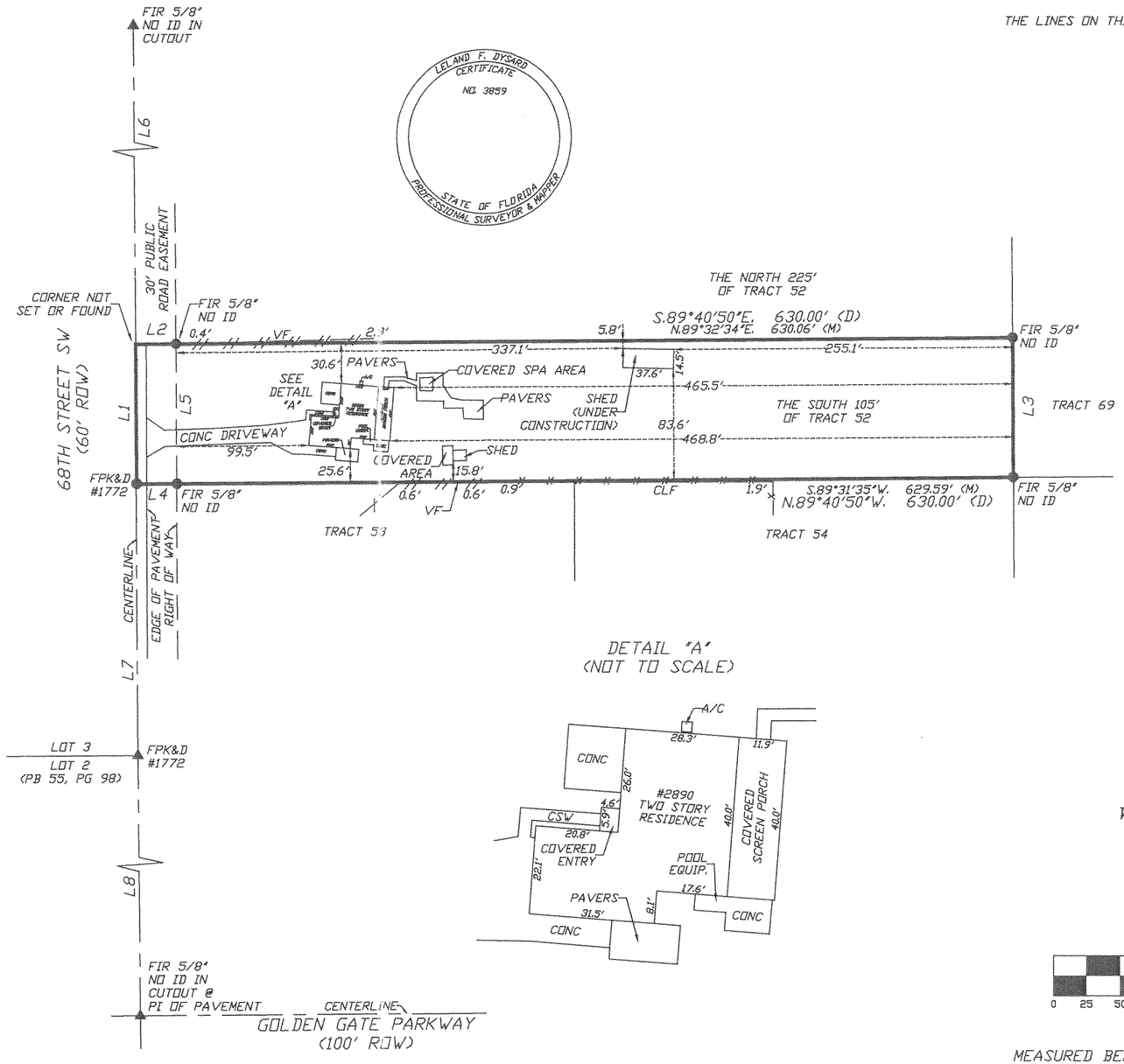
IMPROVEMENTS OTHER THAN THOSE SHOWN, IF ANY, WERE NOT LOCATED

COPYRIGHT 2019: F.L.A. SURVEYS CORP.
THE LINES ON THIS SKETCH DO NOT CONSTITUTE OWNERSHIP.

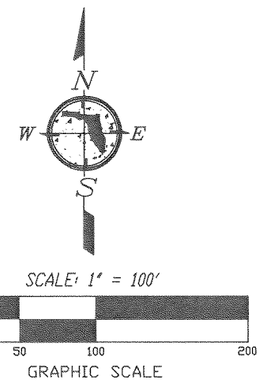
SEE REVERSE SIDE FOR PAGE 3 OF 3

LINE TABLE

Line	Bearing	Distance
L1	N.00°19'10"E.	105.00' (D)
	N.00°36'32"W.	104.86' (C)
L2	S.89°40'50"E.	30.00' (D)
	N.89°25'02"E.	29.92' (C)
L3	S.00°19'10"W.	105.00' (D)
	S.00°22'29"E.	104.88' (M)
L4	N.89°40'50"W.	30.00' (D)
	S.89°47'30"W.	29.96' (M)
L5	N.00°19'10"E.	105.00' (D)
	N.00°37'54"W.	105.06' (M)
L6	N.00°19'10"E.	375.00' (P)
	N.00°26'15"W.	375.01' (C)
L7	S.00°19'10"W.	203.65' (P)
	S.00°27'08"E.	203.73' (M)
L8	S.00°19'10"W.	476.35' (P)
	S.00°31'31"E.	452.90' (M)



DETAIL "A"
(NOT TO SCALE)



CERTIFIED TO :

ULYSSES NABAL JAEN

STREET ADDRESS :

2890 68TH STREET SW
NAPLES, FLORIDA

LEGAL DESCRIPTION :

THE SOUTH 105 FEET OF TRACT 52, GOLDEN GATE ESTATES, UNIT NO. 29, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 7, PAGE(S) 57, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.

CERTIFICATION :

I HEREBY CERTIFY THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS CHAPTER 5J17.05-052, FLORIDA ADMINSTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

BY : Leland F DySard SURVEY DATE : 10/03/2020

CLINTON W. FINSTAD, PE, CFM, PLS #2453 LELAND F. DySARD, PLS #3859
MARY E. FINSTAD, CFM, PSM #5901 RONALD W. WALLING, PSM #6473

NOT VALID WITHOUT SURVEYOR'S SIGNATURE AND EMBOSSED SEAL
NOT A CERTIFICATION OF TITLE, ZONING, EASEMENTS OR FREEDOM OF ENCUMBRANCES.
FLORIDA STATUTE 5J-17.05 (3) (c): TWO SITE BENCHMARKS REQUIRED FOR CONSTRUCTION
NOTE: PROPERTY OWNER SHOULD OBTAIN WRITTEN FLOOD ZONE DETERMINATION FROM LOCAL PERMITTING, PLANNING AND BUILDING DEPARTMENT PRIOR TO ANY CONSTRUCTION PLANNING AND/OR CONSTRUCTION.

MEASURED BEARINGS SHOWN ARE BASED ON STATE PLANE COORDINATES (FLORIDA EAST ZONE), WHICH IS GRID NORTH AS ESTABLISHED BY NOS, AS ACQUIRED BY USING GPS TECHNOLOGY AND IS THE "BASIS OF BEARINGS".

NOTE: IF APPLICABLE, FENCES SHOWN MEANDER ON OR OFF LINES. (APPROX. LOCATION ONLY)

F.L.A. SURVEYS CORP.
PROFESSIONAL LAND SURVEYORS & MAPPERS-LB 6569

3884 PROGRESS AVE., SUITE 104
NAPLES, FL 34104
239-403-1600 FAX 403-8600
239-404-7129 239-580-2795
239-250-2792 239-825-8504
9220 BONITA BEACH ROAD, STE 200
BONITA SPRINGS, FL 34135

DRAWN BY:	MRF	PARTY CHIEF:	MIKE / JC

NOTE:
IN COMPLIANCE WITH F.A.C. 5J-17.052 (2) (d) (4) (IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLAT, IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER.

QUALITY CONTROL
BY : MEF DATE : 10/13/2020

REVISIONS

PROJECT NO:
20-88377-SPC

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

PAGE 3 OF 3
NOT VALID WITHOUT PAGES 1 AND 2 OF 3

GENERAL NOTES
ABSTRACT NOT REVIEWED

N = NORTH
S = SOUTH
E = EAST
W = WEST, OR ANY COMBINATION THEREOF

1. ° = DEGREES
2. ‘ = MINUTES WHEN USED IN A BEARING
3. “ = SECONDS WHEN USED IN A BEARING
4. ‘ = FEET WHEN USED IN A DISTANCE
5. “ = INCHES WHEN USED IN A DISTANCE
6. ± = “MORE OR LESS” OR “PLUS OR MINUS”
7. A = ARC DISTANCE
8. AC = ACRES
9. A/C = AIR CONDITIONING PAD
10. AE = ACCESS EASEMENT
11. B.E. = BUFFER EASEMENT
12. BM = BENCHMARK
13. BOB = BASIS OF BEARING
14. BRG = BEARING
15. C# = CURVE NUMBER
16. C = CALCULATED
17. CB = CATCH BASIN
18. CHB = CHORD BEARING
19. CHD = CHORD
20. CLF = CHAINLINK FENCE
21. CM = CONCRETE MONUMENT
22. C0 = CLEAN OUT
23. CONC = CONCRETE
24. CP = CONCRETE PAD
25. CSW = CONCRETE SIDEWALK
26. CTV= CABLE TV RISER
27. CUE= COLLIER COUNTY UTILITY EASEMENT
28. D = DEED
29. DE= DRAINAGE EASEMENT
30. DH = DRILL HOLE
31. DI = DROP INLET
32. ELEC= ELECTRIC
33. EOP = EDGE OF PAVEMENT
34. EOR = EDGE OF ROAD
35. EOW = EDGE OF WATER
36. F= AS LABELED OR FOUND IN THE FIELD
37. F.A.C. = FLORIDA ADMINISTRATIVE CODE
38. FCC = FOUND CROSS CUT
39. FCM = FOUND CONCRETE MONUMENT
40. FEMA = FEDERAL EMERGENCY MANAGEMENT AGENCY
41. FDH = FOUND DRILL HOLE
42. FFE = FINISH FLOOR ELEVATION
43. FH = FIRE HYDRANT
44. FIP = FOUND IRON PIPE
45. FIR = FOUND IRON ROD
46. FN = FOUND NAIL
47. FND = FOUND
48. FPK = FOUND PK NAIL
49. FPK&D = FOUND PK NAIL AND DISC
50. GTE = TELEPHONE RISER
51. ILLEG. = ILLEGIBLE LB OR PSM NUMBER
52. LB = LICENSED BUSINESS
53. LBE = LANDSCAPE BUFFER EASEMENT
54. LME = LAKE MAINTENANCE EASEMENT
55. LP = LIGHT POLE
56. M = MEASURED
57. ME = MAINTENANCE EASEMENT
58. MH = MANHOLE
59. NAVD 1988 = NORTH AMERICAN VERTICAL DATUM OF 1988
60. NGVD 1929 = NATIONAL GEODETIC VERTICAL DATUM OF 1929
61. NO ID = NO IDENTIFYING MARKINGS
62. (NR) = NON-RADIAL
63. NTS= NOT TO SCALE
64. OHP= OVERHEAD POWER
65. OHU = OVERHEAD UTILITY LINE
66. O.R. = OFFICIAL RECORD BOOK
67. P = PLAT
68. PC = POINT OF CURVATURE
69. PCC = POINT OF COMPOUND CURVATURE
70. PCP = PERMANENT CONTROL POINT
71. PG = PAGE
72. PI = POINT OF INTERSECTION
73. PK&D = PARKER KALON NAIL AND DISC
74. PLS = PROFESSIONAL LAND SURVEYOR
75. POB = POINT OF BEGINNING
76. POC = POINT OF COMMENCEMENT
77. PP = POWER POLE
78. PRC = POINT OF REVERSE CURVE
79. PRM = PERMANENT REFERENCE MONUMENT
80. PSM= PROFESSIONAL SURVEYOR AND MAPPER
81. PU & DE = PUBLIC UTILITY & DRAINAGE EASEMENT
82. PUE = PUBLIC UTILITY EASEMENT
83. (R) = RADIAL
84. R = RADIUS
85. RING = ITEM DETECTED BY METAL DETECTOR BUT NOT RECOVERED
86. RNG= RANGE
87. ROW = RIGHT-OF-WAY
88. RR SPK = RAILROAD SPIKE
89. SAT= SATELLITE DISH
90. SEC = SECTION
91. SPK&D = SET PK WITH DISC WITH LB NUMBER
92. SIR = SET 5/8" IRON ROD WITH LB NUMBER
93. TBM = TEMPORARY BENCH MARK
94. TECO= TAMPA ELECTRIC COMPANY
95. TEL = TELEPHONE FACILITIES
96. TOB = TOP OF BANK
97. TP = TRANSMITTER PAD
98. TUE = TECHNOLOGY UTILITY EASEMENT
99. TVR= TELEVISION RISER
100. TWP= TOWNSHIP
101. UE = UTILITY EASEMENT
102. VF = VINYL FENCE
103. W = WATER SERVICE
104. WB = WATER BOX
105. WF= WOOD FENCE
106. WPP= WOOD POWER POLE
107. WREC= WITHLACOOCHEE RIVER ELECTRIC COMPANY
108. Δ = DELTA OR CENTRAL ANGLE OF CURVE
109. DIMENSIONS ARE IN FEET AND IN DECIMALS THEREOF
110. ELEVATIONS SHOWN HEREON ARE NAVD 1988 UNLESS OTHERWISE STATED
111. ALL PHYSICAL IMPROVEMENTS SHOWN WITHOUT DIMENSIONS ARE FOR INFORMATIONAL PURPOSES ONLY. THAT THEY DO EXIST, BUT WERE NOT NECESSARILY MEASURED IN THE FIELD.
112. NOTE: LEGAL DESCRIPTION PROVIDED BY CLIENT UNLESS OTHERWISE NOTED.
113. EASEMENTS AND RIGHT OF WAYS SHOWN ARE PER RECORDED PLAT OR AS FURNISHED BY THE CLIENT
114. FOUNDATION LINE BELOW THE SURFACE OF THE GROUND IS NOT REFLECTED
115. THIS SURVEY IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNDER ANY CONDITION UNLESS OTHERWISE STATED
116. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS NOTED
117. NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHT OF WAYS, AND/OR OWNERSHIP WERE FURNISHED THIS SURVEYOR EXCEPT AS SHOWN
118. THERE ARE NO VISIBLE ENCROACHMENTS EXCEPT THOSE AS DELINEATED ON THIS PLAT OF SURVEY
119. TIES ARE TO FIELD LINES UNLESS OTHERWISE NOTED
120. THERE MAY BE ADDITIONAL RESTRICTIONS AND/OR EASEMENTS THAT ARE NOT RECORDED ON SAID PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY
121. FENCES MEANDER ON AND OFF LINE, APPROXIMATE LOCATION ONLY UNLESS STATED OTHERWISE.
122. THE LINES ON THIS SKETCH DO NOT CONSTITUTE OWNERSHIP
123. THE INTENT OF THIS SURVEY IS FOR TITLE TRANSFER ONLY UNLESS STATED OTHERWISE.
124. FLORIDA STATUTE : TWO SITE BENCHMARKS ARE REQUIRED FOR CONSTRUCTION.
125. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
126. 121. F.E.M.A. FLOOD HAZARD MAPPING: THIS DATE PRODUCT WAS NOT DESIGNED TO MAKE PRECISE IN/OUT FLOOD RISK DETERMINATIONS. THIS PRODUCT IS NOT SUITABLE FOR ENGINEERING APPLICATIONS AND CANNOT BE USED TO DETERMINE ABSOLUTE DELINEATIONS OF FLOOD BOUNDARIES. CALL 1-877-FEMAMAP OR EMAIL A MAP SPECIALIST AT: HTTP://WWW.FEMA.GOV/PLAN/PREVENT/FHM/TSD_EMAP.SHT PROPERTY OWNER SHOULD OBTAIN WRITTEN FLOOD ZONE DETERMINATION FROM LOCAL PERMITTING, PLANNING AND BUILDING DEPARTMENT PRIOR TO ANY CONSTRUCTION PLANNING AND/OR CONSTRUCTION
127. IN COMPLIANCE WITH F.A.C. 5J-17.052(2)(D)(4) – IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLAT, IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER.
128. IF APPLICABLE, FENCES SHOWN MEANDER ON OR OFF LINES (APPROXIMATE LOCATION ONLY)
129. ARCHITECTURAL FEATURES, SUCH AS FURRING STRIPS, SIDING, CORNICES, STUCCO, ETC., OUTSIDE THE LINE OF THE STRUCTURE HAVE BEEN TAKEN INTO ACCOUNT WHEN GIVING TIES FROM THE STRUCTURE TO THE LOT LINES.
130. ATTENTION IS DIRECTED TO THE FACT THAT THIS SURVEY MAY HAVE BEEN REDUCED OR ENLARGED IN SIZE DUE TO REPRODUCTION. THIS SHOULD BE TAKEN INTO CONSIDERATION WHEN OBTAINING SCALED DATA.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

SURVEY SKETCH OF BOUNDARY SURVEY

NOT FOR FENCE CONSTRUCTION

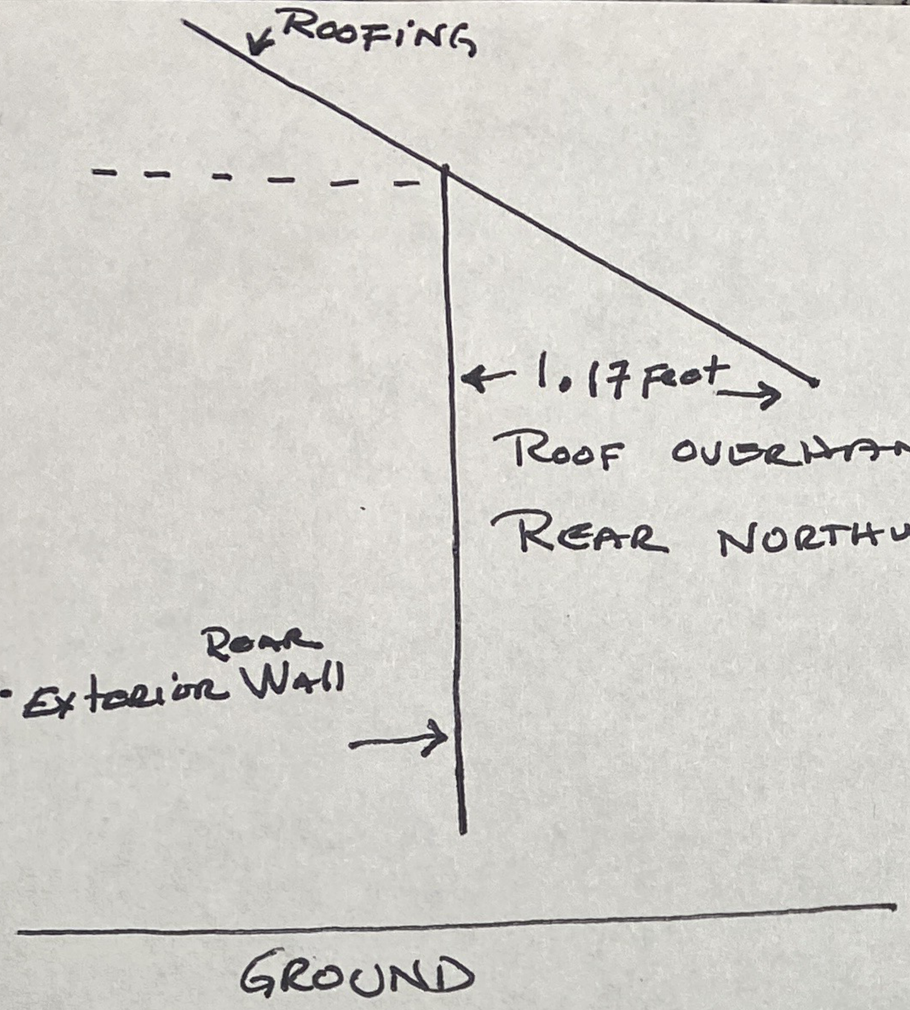
NOT FOR CONSTRUCTION

NOT FOR DESIGN

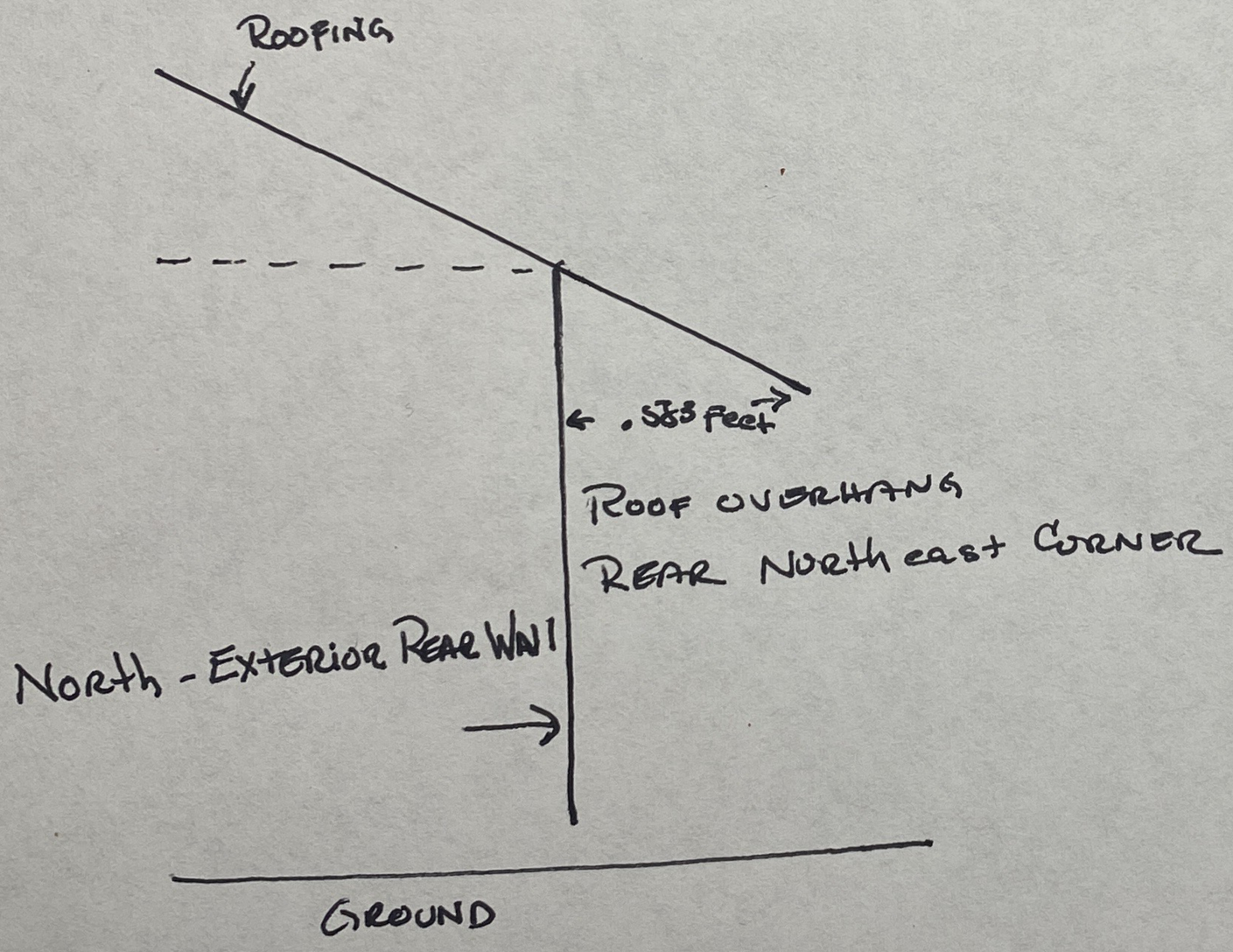
PHOTO PAGE

F.L.A. SURVEYS CORP. PROFESSIONAL LAND SURVEYORS & MAPPERS - LB 6569	3884 PROGRESS AVE., SUITE 104 NAPLES, FLORIDA 34104 239-403-1600 FAX 403-8600 9220 BONITA BEACH ROAD, STE. 200 BONITA SPRINGS, FLORIDA 34135 239-403-1600 FAX 403-8600	REVISIONS PROJECT NO.
DRAWN BY: LFD | PARTY CHIEF: | N/A		

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)



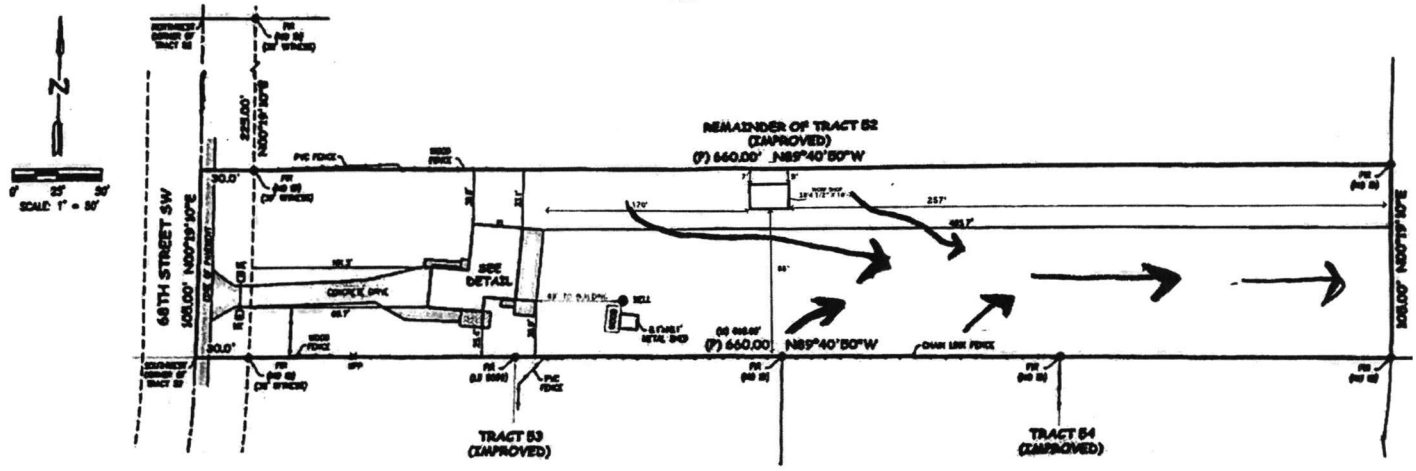
1.17 Feet
OVERHANG

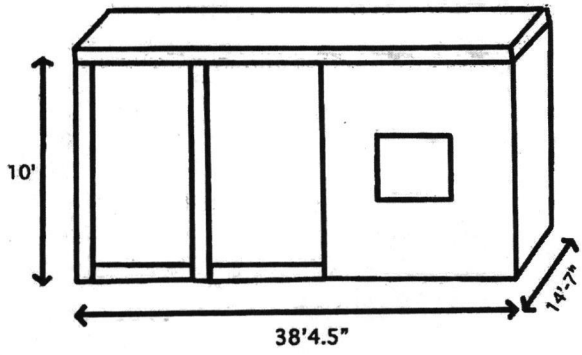


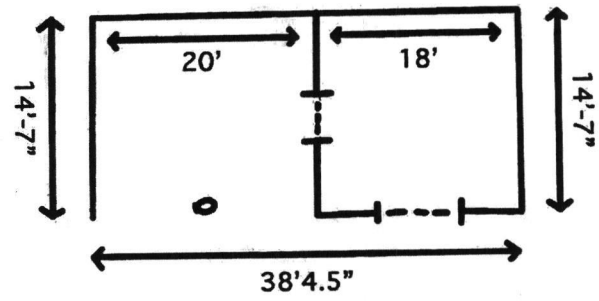
. 583 Feet
OVERHANG -

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

STORM WATER







Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

AFFIDAVIT OF COMPLIANCE

I hereby certify that pursuant to Ordinance 2004-72, of the Collier County Land Development Code, I did give notice by mail at least 30 days after receipt of letter indicating that the application is sufficient to the following property owners and or condominium and civic associations whose members may be impacted by the proposed land use changes of an application request for a variance or parking exemption. *For the purposes of this requirement, the names and addresses of property owners shall be deemed those appearing on the latest tax rolls of Collier County and any other persons or entities who have made a formal request of the county to be notified.* The said notice contained the laymen's description of the site property of proposed change.

Per attached letters and or property owner's list, which are hereby made a part of this Affidavit of Compliance.

_____
(Signature of Applicant)

State of Florida
County of Collier

The foregoing Affidavit of compliance was acknowledged before me this 1 day of Feb, 2023 by Ulysses Jaen, who is personally known to me or who has produced _____ as identification.

_____
(Signature of Notary Public)

Cathy Chickerell
Printed Name of Notary

(Notary Seal)

CATHY CHICKERELL
Notary Public - State of Florida
Commission # HH 071275
My Comm. Expires Mar 5, 2025
Bonded through National Notary Assn.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Letter for Notification of Variance
to Property Owners and Associations within 150 feet

01/31/2023

Dear Neighbor:

Please be advised that the sender has made a formal application to Collier County for a variance from the requirements of the zoning regulations as they apply to the following described property:

> Single-family residence on a nonconforming lot in the Estates (E) Zoning District at 2890 68th Street SW, Naples FL 34105-7234, also described as the south 105 feet of Tract 52, Golden Gate Estates, Unit No. 29, in Section 30, Township 49 South, Range 26 East, Collier County, Florida.

It is our intent to ask the County for an after-the-fact variance from the Land Development Code section 2.03.01.B.2.d to reduce the required side yard setback from 10.5 feet to 5.8 feet and from section 4.02.01.D.8 to increase the allowed roof overhang from 3 feet to 6.97 feet on the north side to allow for the continued existence of a storage shed. You are encouraged to contact the sender of this letter in the event you would like an additional explanation or further information. Please note that the sender is the homesteaded property owner of the subject property and I'd like to assure you that this variance request should not adversely affect your property interest as it is location and structure specific.

Sincerely,

Ulysses N. Jaen
2890 68th Street SW
Naples, FL 34105
(304) 816-1410

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

NAME1	NAME2	NAME3	NAME4	NAME5	NAME6	LEGAL1	LEGAL2	LEGAL3	LEGAL4	FOLIO	ADDRESSTYPE
ACRES, RANDY & SANDY	2913 68TH ST SW				NAPLES, FL 34105---0	INLAND PROPERTIES ONE	LOT 3			52248000069	U
DELGADO, ERIN N	2865 68TH ST SW				NAPLES, FL 34105---0	GOLDEN GATE EST UNIT 29 S	75FT OF N 150FT OF TR 39 OR	1624 PG 1403		38103320002	U
ELIAS, MENASHE & NICOLE	2847 66TH STREET SW				NAPLES, FL 34105---0	GOLDEN GATE EST UNIT 29 N	150FT OF TR 69			38106360001	U
JAEN, ULYSSES NABAL	2890 68TH ST SW				NAPLES, FL 34105---7234	GOLDEN GATE EST UNIT 29 S	105FT OF TR 52			38104720009	U
KNAEUPER, ROBERT S	5018 CLUBVIEW CT E				BRADENTON, FL 34203---4007	GOLDEN GATE EST UNIT 29 S	105FT OF TR 69			38106400000	U
LEANDROS INVESTMENTS LLC	4640 1ST AVE NW				NAPLES, FL 34119---0	GOLDEN GATE EST UNIT 29 N	75FT OF S 180FT OF TR 69 OR	1415 PG 1490-92		38106440002	U
MARTIN, NIURY & CURTIS	28815 VIA BELTERRA				VALENCIA, CA 91354---0	GOLDEN GATE EST UNIT 29 W	105FT OF TR 67			38106160007	U
MARTIN, NIURY & CURTIS	28815 VIA BELTERRA				VALENCIA, CA 91354---0	GOLDEN GATE EST UNIT 29 E	75FT OF W 180FT OF TR 67			38106200006	U
RAHMAN PROPERTY GROUP LLC	13056 VALEWOOD DR				NAPLES, FL 34119---0	GOLDEN GATE EST UNIT 29 W	180FT OF TR 53 OR 802 PG 1698			38104760001	U
SCHISLER, MARK D	6721 GOLDEN GATE PKWY				NAPLES, FL 34105---0	GOLDEN GATE EST UNIT 29 E	180FT OF TR 54 OR 1059 PG 469			38104880004	U
SCOPU, ANA	BOBAN MILENTIJEVIC	2891 68TH ST SW			NAPLES, FL 34105---7233	GOLDEN GATE EST UNIT 29 S	180FT OF TR 39			38103280003	U
SIROIS, ANNE-BRIGITTE	2870 68TH ST SW				NAPLES, FL 34105---7234	GOLDEN GATE EST UNIT 29 N	75FT OF S 180FT OF TR 52			38104680000	U
TAYLOR, DUANE P & KATHRYN M	6761 GOLDEN GATE PKWY				NAPLES, FL 34105---7337	GOLDEN GATE EST UNIT 29 E	150FT OF TR 53			38104800000	U
UNITED MUSLIM ASSN OF NY INC	6741 GOLDEN GATE PKWY				NAPLES, FL 34105---0	GOLDEN GATE EST UNIT 29 W	150FT OF TR 54 OR 1439 PG 1106			38104840002	U
YUGAY, YULIA	JOSHUA COSTIN	2850 68TH ST SW			NAPLES, FL 34105---0	GOLDEN GATE EST UNIT 29 N	150FT OF TR 52			38104640008	U

Anne-Brigitte Sirois

2870 68th Street SW, Naples, Florida 34105

Thursday, December 10, 2020

To: Collier County Zoning,

Re: Letter in support of Variance Request

I am Anne-Brigitte Sirois, the 2870 68th Street SW neighbor of Ulysses Jaen and his family who reside at 2890 68th Street SW, which is on the south side of my property.

We live in the Golden Gates Estates residential zone where many of our neighbors enjoy a rural lifestyle that we enjoy.

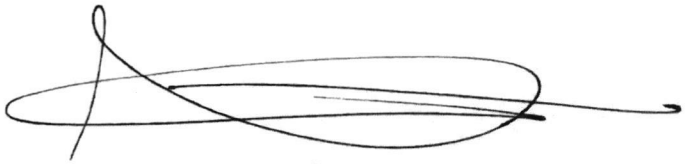
I want to attest that I have no objection to construction and placement of the storage shed built on the side of my property.

The shed is separated from my property line by several feet including a 4-feet wide natural hedge of cocoa plum bushes in between our properties.

My own storage shed sits parallel to his new shed and there is more than ample space between the two structures.

I don't have any problems with water flowing into my yard from his structure or suffer from any type of contaminant or annoyance from his storage shed and backyard.

I also want to mention that I do not object to his keeping of the nine hens on their property.



Anne-Brigitte Sirois

Tel: 917.226.3851
Fax: 212.918.1617
Email: siroisab@artstate.net

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

To: Collier County Zoning

Re: Letter in support of Variance Request

I am a neighbor of Ulysses Jaen 2890 68th Street SW Naples, Florida 34105.

my name is William Kendall.

I would like to state that I have no problems with the storage shed that Ulysses keeps on their property adjoining mine.

The shed is not visible from the street.

The shed will help by providing a space for clean and orderly storage instead of having stuff laying around the yard.

The shed has not caused me any nuisance or hardship, I am not negatively affected by it in any way.

Please allow my neighbor a variance so that he can keep his storage shed.

Thank you,

Signed: William Kendall

Date: 12-10-2020

2891 68th ST. SW
NAPLES, FL 34105

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

To: Collier County Zoning

Re: Letter in support of Variance Request

I am a neighbor of Ulysses Jaen 2890 68th Street SW Naples, Florida 34105.

my name is Rafael Atencio.

I would like to state that I have no problems with the storage shed that Ulysses keeps on their property adjoining mine.

The shed is not visible from the street.

The shed will help by providing a space for clean and orderly storage instead of having stuff laying around the yard.

The shed has not caused me any nuisance or hardship, I am not negatively affected by it in any way.

Please allow my neighbor a variance so that he can keep his storage shed.

Thank you,

Signed: Rafael Atencio 2930 68th ST. SW.

Date: 12/11/20

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

To: Collier County Zoning

Re: Letter in support of Variance Request

I am a neighbor of Ulysses Jaen 2890 68th Street SW Naples, Florida 34105.

my name is Peggy + Mike Hoggatt (2913 68th St. SW

I would like to state that I have no problems with the storage shed that Ulysses keeps on their property adjoining mine.

The shed is not visible from the street.

The shed will help by providing a space for clean and orderly storage instead of having stuff laying around the yard.

The shed has not caused me any nuisance or hardship, I am not negatively affected by it in any way.

Please allow my neighbor a variance so that he can keep his storage shed.

Thank you,

Signed: Mike + Peggy Hoggatt

Date: 12-11-2020

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

February 11, 2021

Jaen Ulysses
2890 68th Street Southwest
Naples, Florida 34105
ulyssesjaen@gmail.com

File No.: 397165-001 EE, Collier County

Dear Jaen Ulysses:

On January 13, 2021, we received your request for verification of exemption to perform the following activities:

> To construct a new storage shed at 2890 68th Street Southwest (Parcel ID# 38104720009), Naples, FL 34105 in uplands, Section 30, Township 49 South, Range 26 East, Collier County.

Your request has been reviewed to determine whether it qualifies for (1) a regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project did not qualify for the **federal review portion** of this verification request. Specifically, the activity is located in State Assumed Waters and is not eligible for review under the State Programmatic Permit. This letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity. Please refer to the specific section(s) dealing with that portion of the review below for advice on how to proceed.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

If you have any questions regarding this matter, please contact Louis Castillo by telephone at (239) 344-5647 or by email at Louis.Castillo@FloridaDEP.gov.

1. Regulatory Review – VERIFIED

Based on the information submitted, the Department has verified that the activity as proposed is exempt under Chapter 62-330.051(13)(a), Florida Administrative Code, from the need to obtain a regulatory permit under Part IV of Chapter 373 of the Florida Statutes.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

General Conditions for Exemptions
The following apply when specified in an exemption in Rule 62-330.051, F.A.C.:

1. Construction, alteration, and operation shall not:

a. Adversely impound or obstruct existing water flow, cause adverse impacts to existing surface water storage and conveyance capabilities, or otherwise cause adverse water quantity or flooding impacts to receiving water and adjacent lands;

b. Cause an adverse impact to the minimum flows and levels established pursuant to Section 373.042, F.S.

c. Cause adverse impacts to a Work of the District established pursuant to Section 373.086, F.S.;

d. Adversely impede navigation or create a navigational hazard;

e. Cause or contribute to a violation of state water quality standards. Turbidity, sedimentation, and erosion shall be controlled during and after construction to prevent violations of state water quality standards, including any antidegradation provisions of paragraphs 62-4.242(1)(a) and (b), subsections 62-4.242(2) and (3) and Rule 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters due to construction-related activities. Erosion and sediment control best management practices shall be installed and maintained in accordance with the guidelines and specifications described in the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual* (Florida Department of Environmental Protection and Florida Department of Transportation, June 2007*)*, incorporated by reference herein (https://www.flrules.org/Gateway/reference.asp?No=Ref-02530), and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual* (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), incorporated by reference herein (https://www.flrules.org/Gateway/reference.asp?No=Ref-02531).

f. Allow excavated or dredged material to be placed in a location other than a self-contained upland disposal site, except as expressly allowed in an exemption in rule 62-330.051, F.A.C.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

2. Proprietary Review - NOT REQUIRED

The activity does not appear to be located on sovereign submerged lands, and does not require further authorization under Chapter 253 of the Florida Statutes, or Chapters 18-20 or 18-21 of the Florida Administrative Code.

3. Federal Review - SGPG NOT APPROVED - State 404 NOT REGULATED

Your proposed activity as outlined on your application and attached drawings does not qualify for Federal authorization. As of Dec. 22, 2020, Florida has assumed authority to administer the dredge and fill permitting program under Section 404 of the federal Clean Water Act within certain waters in the state "assumed waters." Your state 404 permitting program application is currently under review as DEP File Number 397165-002.

Authority for review an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;

(c) A statement of when and how the petitioner received notice of the agency decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.
The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition
In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time
Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation
Mediation is not available in this proceeding.

FLAWAC Review
The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review
Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Executed in Orlando, Florida

STATE OF FLORIDA DEPARTMENTOF ENVIRONMENTAL PROTECTION

Megan Mills
Permitting Program Administrator
South District

Enclosures:
2 Project drawings
62-330.051(13)(a), F.A.C.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments, including all copies, were sent to the addressee and to the following listed persons:

U.S. Army Corps of Engineers, Fort Myers Office, fdep.other@usace.army.mil

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52(7), F.S., with the designated Department clerk, receipt of which is hereby acknowledged.

February 11, 2021

Clerk

Date

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

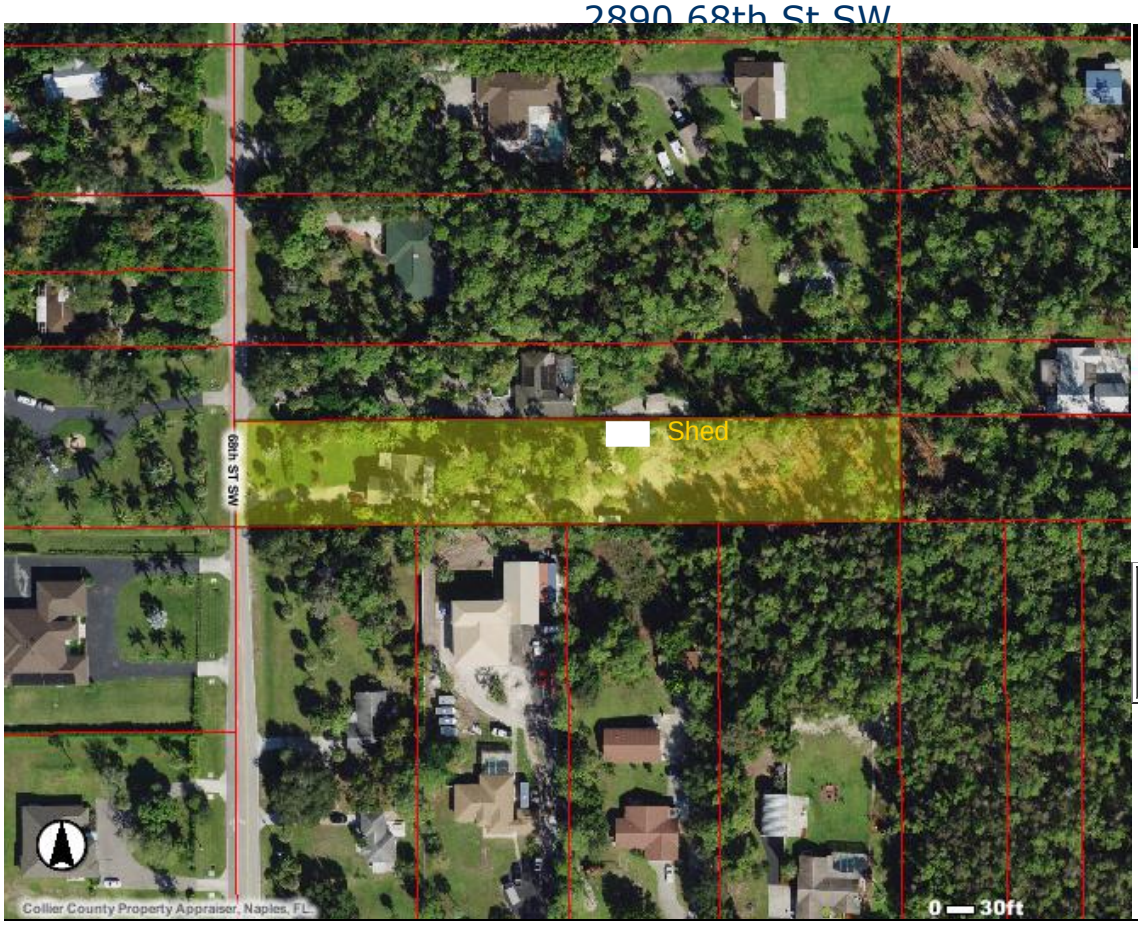
62-330.051 Exempt Activities

(13) Single-Family Residences and Associated Residential Improvements –

(a) The construction, alteration, maintenance, removal, and abandonment of one, individual single-family dwelling unit, duplex,
triplex, or quadruplex, and associated residential improvements, that:
1. Do not involve any work in wetlands or other surface waters;
2. Are not part of a larger common plan of development or sale requiring a permit or modification of a permit under Part IV of
Chapter 373, F.S.;
3. Comply with the limitations and restrictions in paragraph 62-330.050(9)(a), F.A.C.

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

2890 68th St SW



MAP LEGEND

- Major Roads
- Street Names
- Parcels
- Aerials 2020 Urban [6IN]
- Aerials 2020 Rural [2FT]
- Collier County

Folio Number: 38104720009
Name: JAEN, ULYSSES NABAL
Street# & Name: 2890 68TH ST SW
Build# / Unit#: 52 / 3
Legal Description: GOLDEN GATE EST UNIT 29 S 105FT OF TR 52

2004. Collier County Property Appraiser. While the Collier County Property Appraiser is committed to providing the most accurate and up-to-date information, no warranties expressed or implied are provided for the data herein, its use, or its interpretation.

EXEMPT
File Number:
397165-001 EE

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

SURVEY SKETCH OF BOUNDARY SURVEY

NOT FOR FENCE CONSTRUCTION
NOT FOR CONSTRUCTION
NOT FOR DESIGN

IMPROVEMENTS OTHER THAN THOSE SHOWN, IF ANY, WERE NOT LOCATED

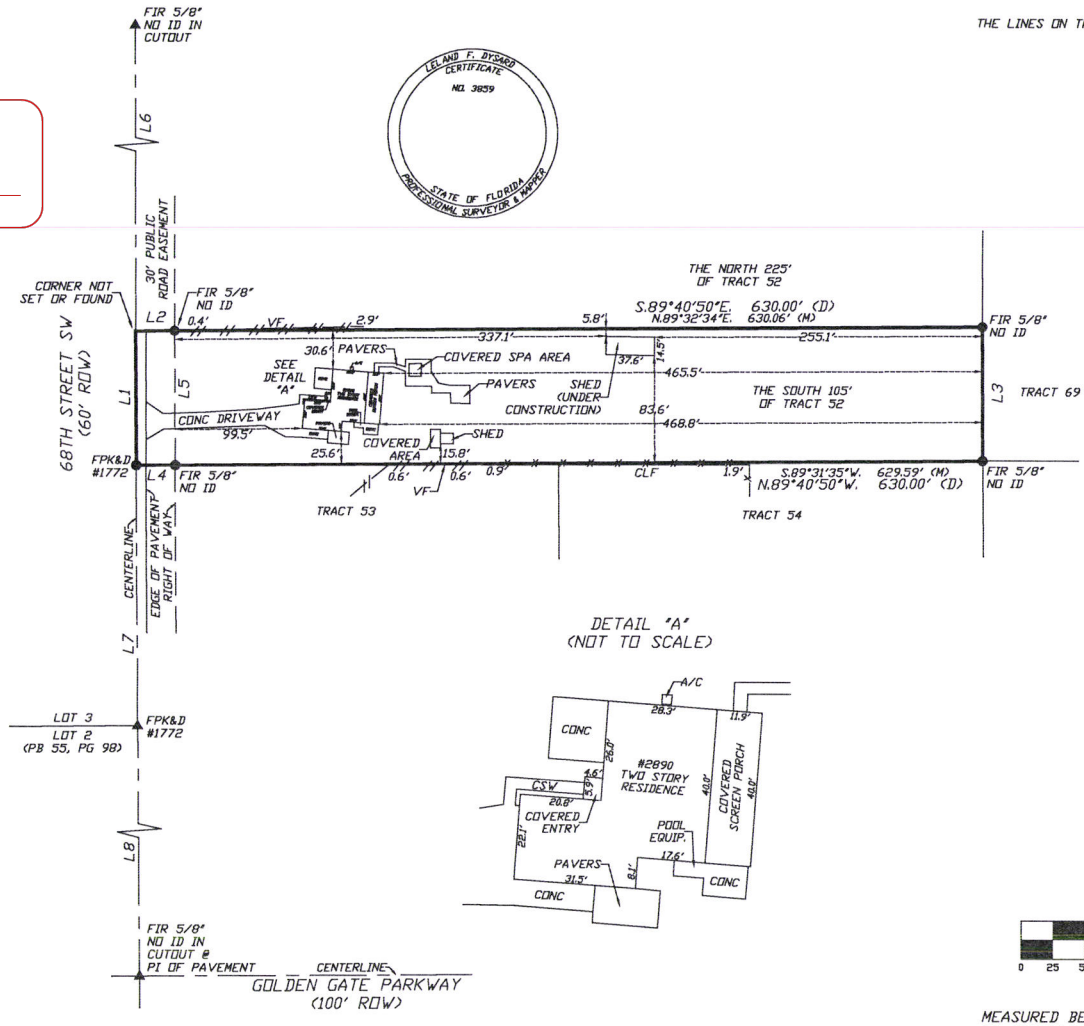
COPYRIGHT 2019, F.L.A. SURVEYS (
THE LINES ON THIS SKETCH DO NOT CONSTITUTE OWNER

EXEMPT
File Number: 397165-001 EE

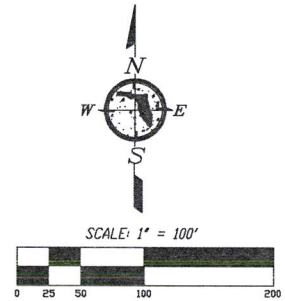
LEL AND F. BYSARD CERTIFICATE NO. 3859 STATE OF FLORIDA PROFESSIONAL SURVEYOR & MAPPER

LINE TABLE

Line	Bearing	Distance
L1	N.00°19'10"E.	105.00' (D)
	N.00°36'32"W.	104.86' (C)
L2	S.89°40'50"E.	30.00' (D)
	N.89°25'02"E.	29.92' (C)
L3	S.00°19'10"W.	105.00' (D)
	S.00°22'29"E.	104.88' (M)
L4	N.89°40'50"W.	30.00' (D)
	S.89°47'30"W.	29.96' (M)
L5	N.00°19'10"E.	105.00' (D)
	N.00°37'54"W.	105.06' (M)
L6	N.00°19'10"E.	375.00' (P)
	N.00°26'15"W.	375.01' (C)
L7	S.00°19'10"W.	203.65' (P)
	S.00°27'08"E.	203.73' (M)
L8	S.00°19'10"W.	476.35' (P)
	S.00°31'31"E.	452.90' (M)



DETAIL "A"
(NOT TO SCALE)



CERTIFIED TO :
ULYSSES NABAL JAEN

STREET ADDRESS :
2890 68TH STREET SW
NAPLES, FLORIDA

LEGAL DESCRIPTION :
THE SOUTH 105 FEET OF TRACT 52, GOLDEN GATE ESTATES, UNIT NO. 29, ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 7, PAGE(S) 57, OF THE PUBLIC RECORDS OF COLLIER COUNTY, FLORIDA.

CERTIFICATION :
I HEREBY CERTIFY THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS & MAPPERS CHAPTER 5J17.05-052, FLORIDA ADMINSTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

BY : Leland F DySard SURVEY DATE : 10/03/2020

CLINTON W. FINSTAD, PE, CFM, PLS #2453 LELAND F. DySARD, PLS #3859
MARY E. FINSTAD, CFM, PSM #5901 RONALD W. WALLING, PSM #6473

NOT VALID WITHOUT SURVEYOR'S SIGNATURE AND EMBOSSED SEAL
NOT A CERTIFICATION OF TITLE, ZONING, EASEMENTS OR FREEDOM OF ENCUMBRANCES.
FLORIDA STATUTE 5J-17.05 (3) (c): TWO SITE BENCHMARKS REQUIRED FOR CONSTRUCTION
NOTE: PROPERTY OWNER SHOULD OBTAIN WRITTEN FLOOD ZONE DETERMINATION FROM LOCAL PERMITTING, PLANNING AND BUILDING DEPARTMENT PRIOR TO ANY CONSTRUCTION PLANNING AND/OR CONSTRUCTION.

MEASURED BEARINGS SHOWN ARE BASED ON STATE PLANE COORDINATES (FLORIDA EAST ZONE), WHICH IS GRID NORTH AS ESTABLISHED BY NOS, AS ACQUIRED BY USING GPS TECHNOLOGY AND IS THE "BASIS OF BEARINGS".

NOTE: IF APPLICABLE, FENCES SHOWN MEANDER ON OR OFF LINES. (APPROX. LOCATION ONLY)

F.L.A. SURVEYS CORP.
PROFESSIONAL LAND SURVEYORS & MAPPERS-LB 6569

3884 PROGRESS AVE., SUITE 104
NAPLES, FL 34104
239-403-1600 FAX 403-8600
239-404-7129 239-580-2795
239-250-2792 239-825-8504

9220 BONITA BEACH ROAD, STE 200
BONITA SPRINGS, FL 34135

DRAWN BY:	MRF	PARTY CHIEF:	MIKE / JC

NOTE:
IN COMPLIANCE WITH F.A.C. 5J-17.052 (2) (d) (4) (IF LOCATION OF EASEMENTS OR RIGHT-OF-WAY OF RECORD, OTHER THAN THOSE ON RECORD PLAT, IS REQUIRED, THIS INFORMATION MUST BE FURNISHED TO THE SURVEYOR AND MAPPER.

QUALITY CONTROL
BY : MEF DATE : 10/13/2020

REVISIONS

PROJECT NO
20-88377-S

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

SIGN POSTING INSTRUCTIONS

(CHAPTER 8, COLLIER COUNTY ADMINISTRATIVE CODE FOR LAND DEVELOPMENT)

A zoning sign(s) must be posted by the petitioner or the petitioner's agent on the parcel for a minimum of fifteen (15) calendar days in advance of the first public hearing and said sign(s) must be maintained by the petitioner or the petitioner's agent through the Board of County Commissioners Hearing. Below are general guidelines for signs, however these guidelines should not be construed to supersede any requirement of the LDC. For specific sign requirements, please refer to the Administrative Code, Chapter 8 E.

1. The sign(s) must be erected in full view of the public, not more than five (5) feet from the nearest street right-of-way or easement.
2. The sign(s) must be securely affixed by nails, staples, or other means to a wood frame or to a wood panel and then fastened securely to a post, or other structure. The sign may not be affixed to a tree or other foliage.
3. The petitioner or the petitioner's agent must maintain the sign(s) in place, and readable condition until the requested action has been heard and a final decision rendered. If the sign(s) is destroyed, lost, or rendered unreadable, the petitioner or the petitioner's agent must replace the sign(s)

NOTE: AFTER THE SIGN HAS BEEN POSTED, THIS AFFIDAVIT OF POSTING NOTICE SHOULD BE RETURNED NO LATER THAN TEN (10) WORKING DAYS BEFORE THE FIRST HEARING DATE TO THE ASSIGNED PLANNER.

- -

AFFIDAVIT OF POSTING NOTICE

STATE OF FLORIDA
COUNTY OF COLLIER

BEFORE THE UNDERSIGNED AUTHORITY, PERSONALLY APPEARED _____
WHO ON OATH SAYS THAT HE/SHE HAS POSTED PROPER NOTICE AS REQUIRED BY SECTION 10.03.00 OF THE COLLIER COUNTY LAND DEVELOPMENT CODE ON THE PARCEL COVERED IN PETITION NUMBER _____:

_____
SIGNATURE OF APPLICANT OR AGENT

2890 68th ST. SW
STREET OR P.O. BOX

Ulysses Jaen
NAME (TYPED OR PRINTED)

Naples Fl. 34105
CITY, STATE ZIP

#

STATE OF FLORIDA
COUNTY OF COLLIER

The foregoing instrument was sworn to and subscribed before me this 20 day of Feb, 2023, by Ulysses Jaen, personally known to me or who produced _____ as identification and who did/did not take an oath.

CATHY CHICKERELL
Notary Public - State of Florida
Commission # HH 071275
My Comm. Expires Mar 5, 2025
Bonded through National Notary Assn.

_____
Signature of Notary Public

Cathy Chickerell
Printed Name of Notary Public

My Commission Expires: March 5, 2025
(Stamp with serial number)

Rev. 3/4/2015

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Attachment: Attachment C - Applicant's Backup (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

BUILDING PERMIT APPLICATION

MBP

SDP

Permit Number:	88-04266
Application Date	10/28/88
Last Name of Owner	Gillett
First Name	Anna
Middle Initial	
Project Name	Residence
Job Address	2890 68th Street, S.W.
Geo-Code	
General Contractor	Ryan Operations General
Contractor's Address	4403 Tamiami TRail, East
Person to Contact	Kim Cruise
Telephone Number	775-9101
General Location	Eight
Subdivision	Golden Gate Estates
Tract	
Lot	
Block	
Unit	
Legal Description	S105'
Type of Structure	Single-Family
Construction	New
Purpose of Construction	Frame residence - 200 amps
Number of Dwelling Units	1
Sewer	Septic
Water	Well
Occupancy Class	Residential
Cost of Construction	~~$37,062~~ 55,936
Flood Zone	
Bench Mark Elevation	
Bench Mark Nail in	
Date Permit Approved	

PRINTS

Water Meter Size

ZONING:

Preliminary Approval

Land Zoned _____

Proposed Use _____

Approved by _____ Date ___/___/___

BUILDING DEPARTMENT

Building Permit	$ 415.35	Approved By: _____	Date ___/___/___
Electrical Permit	$ 94.00	Approved By: _____	Date ___/___/___
Plumbing Permit	$ ~~78~~ 88.00	Approved By: _____	Date ___/___/___
Mechanical Permit	$ 93.00	Approved By: _____	Date ___/___/___
Gas Permit	$ _____	Approved By: _____	Date ___/___/___
Swimming Pool or Spa Permit	$ _____	Approved By: _____	Date ___/___/___
_____	$ _____	Approved By: _____	Date ___/___/___
"Building Code Compliance Department" Permit	$ 595.35	Approved By: [signature]	Date 11/1/88

FIRE DISTRICT (Circle One) N. Naples – East Naples – Marco – Golden Gate – Little Hickory/Bonita Shores – Immokalee – Big Cypress

Fire Prevention Permit $ _____ Approved By: _____ Date ___/___/___

Gas Tax $16.58

Checked By: _____ Date ___/___/___

611.93 TL

RECEIVED

OCT 3 1 1988

PLANS COMPLIA SECTION

White: Building
Green: Fire
Yellow: Utilities
Pink: Health
Goldenrod: Public Works

3/01/84

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Permit Number: 88-04266
General Location: Eight
Subdivision: Golden Gate Estates
Job Address: 2890 68th Street, S.W.
Project Name: Residence
Type of Structure: Single-Family
Purpose: Frame residence - 200 amps
Owner: Gillett, Anna
General Contractor: Ryan Operations General
General Contractor's Phone No. 775-9101
Tract: 52 Lot: Block: Unit: 29

Date Permit Issued: 1/6/89
Date Permit Approved: 11/10/88
Water: Well
Sewer: Septic
S.D.C. Receipt No.:
S.D.A. Number:
Number of Dwelling Units: 1

Flood Zone:
Bench Mark Elevation:
Bench Mark Nail in:
Legal: S105'

Occupancy: Residential
Truss Drawings Rc'vd

	DATE REC'D	TIME REC'D	TIME READY	CALLED IN BY	DATE PASSED	REINSP. FEE	INSPECTOR
STRUCTURAL							
Footings:							
Slab:	1/26/89	Rec.	Fri	john	1/27/89		Ed P. 9:40
SURVEY: Rc'vd 3/14/89							
Framing:	3/17/89	rec	mon	Curt	3/20/89		Ed P. 9:10
Insulation:	3/21/89	Rec	Wed	Curt	3/22/89		Ed P. 8:50
ROOFING							
Tin Tab:	3/14/89	11:30	Wed	curt	Reject	16.00	Ed G. 8:22
Rejected 3/15/89 Loose plywood, no engr date, no restraints							
Re Tin Tab:	3/16/89	Rec	Fri	curt	3/17/89		Ed P. 9:20
MECH							
Rough A/C:	3/14/89	11:30	Wed	curt	3/15/89		Wally W. 2:
PLUMBING							
Rough:	1/25/89	Rec.	Thur	steve	1/26/89		Ralph R. 8:
Tub Set:	3/14/89	11:30	Wed	curt	3/15/89		Wally W. 2:
ELECTRICAL							
Temporary Pole:							
Called Power Co. on:							
Rough:	3/14/89	11:30	Wed	curt	3/15/89		Ken B. 12:0
FINAL							
Roofing:	4/19/89	Rec	Thur	kurt	4/20/89		Ed P.
Plumbing:	4/19/89	Rec	Thur	kurt	4/20/80		Dick N.
Mech-A/C:	4/19/89	Rec	Thur	kurt	4/20/80		Dick N.
Electrical:	4/19/89	Rec	Thur	kurt	4/20/89		Ken B. 8:37
Called Power Co. on: 4/27/89							
Building:	4/19/89	Rec	Thur	kurt	Reject	16.00	Ed P.
Rejected 4/20/89 House #'s Kit top missing, support threshold need insp for rear patio							
Re Building:	4/20/89	rec	fri	kurt	4/21/89		Ed P.
Septic:					4/26/89		
Well:					2/1/89		
Utilities:					4/19/89AMS		
Engr. Dept:	4/21/89	Rec	Mon	Curt	4/25/89		Mark B.
Finish Floor El. Cert:							
Total Reinspection Fee:						32.00	
C.O. Issued on:	4/27/89						

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

COLLIER COUNTY

CERTIFICATE OF OCCUPANCY

Permit No. 88-04266 General Contractor: Ryan Operations General

Owner: Gillett, Anna Project Name: Residence

Job Address: 2890 68th Street, S.W. Geo Code: 104029G

Tract: 52 Lot: Block: Unit: 29 Subdivision: Golden Gate Estates

or legal description: S105'

Type of Occupancy: Single-Family No. of Dwelling Units: 1

Purpose: Frame residence - 200 amps

YOU ARE HEREBY AUTHORIZED TO OCCUPY AS NOTED ABOVE.

Date: 04/25/89 Issued By: J. E. Magri
Building Code Compliance Director

BUILDING CODE COMPLIANCE DEPT.
11-30-82

Attachment: Attachment D - Building Permit 88-4266 (24725 :

REQUE FOR CERTIFICATE OF OCCUI 'CY

BUILDING PERMIT NO. 88-4266 DATE: 4/18/89

NAME: Ryan Homes TELEPHONE NO. 992-7822

SITE ADDRESS: 2890 68th St SW

UTILITIES DIVISION APPROVAL: A. M. Stag DATE 4/19/89

REMARKS:

Attachment: Attachment D - Building Permit 88-4266 (24725 :

BUILDING PERMIT

MBP

SDP

Permit Number:	88-04266
Application Date	10/28/88
Last Name of Owner	Gillett
First Name	Anna
Middle Initial	
Project Name	Residence
Job Address	2890 68th Street, S.W.
Geo-Code	
General Contractor	Ryan Operations General
Contractor's Address	4403 Tamiami TRail, East
Person to Contact	Kim Cruise
Telephone Number	775-9101
General Location	Eight
Subdivision	Golden Gate Estates
Tract	52
Lot	
Block	
Unit	29
Legal Description	S105'
Type of Structure	Single-Family
Construction	New
Purpose of Construction	Frame residence - 200 amps
Number of Dwelling Units	1
Sewer	Septic
Water	Well
Occupancy Class	Residential
Cost of Construction	$55,936
Flood Zone	
Bench Mark Elevation	
Bench Mark Nail in	
Date Permit Approved	11/10/88

Water Meter Size

The above application has been examined and is hereby approved subject to the payment of $ 1,903.38, as provided by the Collier County Building Code.
Payment Received by: CA Date Issued: 11/6/88 Receipt No. 4895

All work under the approved building permit shall comply with all applicable laws, cod ordinances and additional stipulations and/or Conditions of Permit. The approved per expires if work authorized is not commenced within six (6) months from date of issue. permit fee will be quadrupled, plus a maximum daily penalty of $500.00 if work is star without an approved permit. The permittee further understands that only licensed contract may be employed and that the structure shall not be used or occupied until a Certificate Occupancy is issued.

Signature of Contractor Linda Langdale

White	Applicant
Green	Property Appraiser
Yellow	Record Section
Pink	Environmental Health
Goldenrod	Lobby File

"FAILURE TO COMPLY WITH THE MECHANICS' LIEN LAW CAN RESULT IN THE PROPERTY OWNER PAYING TWICE FOR BUILDING IMPROVEMENTS."

Building Code Compliance
1-10-83

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

OFFICIAL RECEIPT

PLEASE MAKE CHECKS PAYABLE TO:

BOARD OF COUNTY COMMISSIONERS

COLLIER COUNTY, FLORIDA 33962

PERMIT NUMBER 88 - 4266

APPLICANT NAME Ryan Homes

APPLICANT ADDRESS

CHECK NUMBER 365517 365518 TELEPHONE

333 163650 363510	$ 318.00	ROAD IMPACT FEE	113-138900-322420	$	SUBDIVISION REVIEW
408-273511-343360	$	WATER SYSTEM DEV. CHRG.	113-138900-322430	$	SUBDIVISION INSP.
408-263611-343560	$	SEWER SYSTEM DEV. CHRG.	113-138900-323700	$	UTILITY REVIEW
113-138900-322110	$ 595.35	BLDG. PERMIT - NAPLES	113-138900-323710	$	UTILITY INSP.
113-138900-322120	$	BLDG. PERMIT - IMMOKALEE	113-138900-329450	$	WATER MGMT. REVIEW
113-138900-322490	$	REINSPECTION FEE	113-138900-329200	$ 100.-	R.O.W. PERMIT
BS 113-208500	$ 102.	SEPTIC	113-138900-329400	$	EXCAVATION PERMIT
113-138900-341250	$	SIGN	113-138900-329300	$	BLASTING PERMIT
113-138900-343930	$	1 YR. TEMP. ZONING	113-138900-343950	$	DEV. PLAN (FINAL)
113-138900-343940	$	SPEC. EVENT-TEMP. ZONING	113-138900-341960	$	BD. ADJUST. APPEAL
113-138900-341350	$	MAPS & PUBLICATIONS	113-138900-341240	$	REZONE
113-138900-341380	$	ZONING ORD.	113-138900-341241	$	PUD
113-138900-341410	$	POSTAGE / DOCUMENTS	113-138900-341242	$	DRI REVIEW
113-138900-341440	$	COPIES / MICROFILM	113-138900-341230	$	PROVISIONAL USE
BS 113-209100	$	NORTH NAPLES F.D.	113-138900-341280	$	ZONING VARIANCE
BS 113-209200	$	EAST NAPLES F.D.	113-138900-341290	$	PUD AMENDMENT
BS 113-209300	$	MARCO IS. F.D.	113-138900-343990	$	DEV. PLAN (PRELIM)
BS 113-209400	$	GOLDEN GATE F.D.	113-138900-343901	$	BOAT DOCK PETITION
BS 113-209500	$	BONITA/LIT'L HICKORY F.D.	113-138900-341220	$	FAIR/CIRCUS PERMIT
BS 113-209700	$	CORKSCREW F.D.	113-138900-343915	$	SUBDIV. MASTER PLAN
BS 113-209600	$	IMMOKALEE F.D.	113-138900-341210	$	ADMIN. APPEAL
BS 113-208800	$ 16.58	RADON GAS	113-138900-341260	$	TREE PERMIT
113-138900-322270	$ 35.00	WELL 2 IN.	113-138900-343905	$	EIS REVIEW
113-138900-329410	$	WELL - AGRIC/OTHER	113-138900-343913	$	ST REVIEW
111-138911-343908	$	LOT MOWING CLEARING	345-156401-347295	$ 132.00	
111-138911-321210	$	CONTRACT. COMP. LICENSE	346-156413-347296	$ 245.00	
111-138911-321220	$	CONTRACT. EXAM FEE ___/___/___	355-156190-347161	$ 179.00	

TOTAL $ 1903.38

PREPARED BY CA

DATE 1/6

~~346~~

113-000000-209800 → $180.45

Golden Fire Dept

04895

FILE COPY

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

BUILDING PERMIT APPLICATION

MBP

SDP

Permit Number:	88-04266
Application Date	10/28/88
Last Name of Owner	Gillett
First Name	Anna
Middle Initial	
Project Name	Residence
Job Address	2890 68th Street, S.W.
Geo-Code	
General Contractor	Ryan Operations General
Contractor's Address	4403 Tamiami TRail, East
Person to Contact	Kim Cruise
Telephone Number	775-9101
General Location	Eight
Subdivision	Golden Gate Estates
Tract	
Lot	
Block	
Unit	
Legal Description	S105'
Type of Structure	Single-Family
Construction	New
Purpose of Construction	Frame residence - 200 amps
Number of Dwelling Units	1
Sewer	Septic
Water	Well
Occupancy Class	Residential
Cost of Construction	$37,062
Flood Zone	
Bench Mark Elevation	
Bench Mark Nail in	
Date Permit Approved	

Water Meter Size

ZONING:

Preliminary Approval

Land Zoned _____

Proposed Use _____

Approved by _____ Date ___/___/__

UTILITIES DIVISION

WATER CONNECTION FEES REQUIRED: YES OR (NO)

SEWER CONNECTION FEES REQUIRED: YES OR (NO)

SEWER DISPOSAL APPROVAL LETTER DATED Septic Tank Approval Req'd
Contractor to Expedite

APPROVED BY: Georgina Marin Date 11/1/88

NOTE: "YES" denotes need for paid receipt of connection fees prior to issuance.

UTILITIES DIVISION APPROVAL NOT REQUIRED
FOR CERTIFICATE OF OCCUPANCY ON THIS PERMIT.

RECEIVED
NOV 01 1988
Utility Director

White: Building
Green: Fire
Yellow: Utilities
Pink: Health
Goldenrod: Public Works

3/01/84

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

BUILDING PERMIT APPLICATION

MBP

SDP

Permit Number:	88-04266
Application Date	10/28/88
Last Name of Owner	Gillett
First Name	Anna
Middle Initial	
Project Name	Residence
Job Address	2890 68th Street, S.W.
Geo-Code	
General Contractor	Ryan Operations General
Contractor's Address	4403 Tamiami TRail, East
Person to Contact	Kim Cruise
Telephone Number	775-9101
General Location	Eight
Subdivision	Golden Gate Estates
Tract	52
Lot	
Block	
Unit	29
Legal Description	S105'
Type of Structure	Single-Family
Construction	New
Purpose of Construction	Frame residence - 200 amps
Number of Dwelling Units	1
Sewer	Septic
Water	Well
Occupancy Class	Residential
Cost of Construction	$37,062
Flood Zone	
Bench Mark Elevation	
Bench Mark Nail in	
Date Permit Approved	

Posted

Water Meter Size

RECEIVED NOV - 1 1988

ZONING:

Preliminary Approval

Land Zoned _____

Proposed Use _____

Approved by _____ Date __/__/__

HEALTH DEPARTMENT

Grease Interceptor Permit $_____

Septic Tank Permit $ 102

Grease Interceptor _____ ga

Septic Tank 900 ga

Drainfield 750 sq

Septic Systems Elevation 6" Above Rc mounds 5' Additional Shoulder

Inspection Required: Yes ☒ No ☐

Approved By: Pam Date 11/2/8

COMMENTS: BEFORE CALLING FOR INSPECTION SUBMIT CERTIFIED SOIL ANALYSIS BELOW DRAINFIELD TO 42" DEPTH.

Well Permit Fee $ 35

Inspection Required: Yes ☒ No ☐

Bacteriological Clearance Required: Yes ☐ No ☒

Approved By: Pam Date 11/2/8

COMMENTS:

White: Building
Green: Fire
Yellow: Utilities
Pink: Health
Goldenrod: Public Works

3/01/84

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

BUILDING PERMIT APPLICATION

MBP

SDP

Permit Number:	88-04266
Application Date	10/28/88
Last Name of Owner	Gillett
First Name	Anna
Middle Initial	
Project Name	Residence
Job Address	2890 68th Street, S.W.
Geo-Code	
General Contractor	Ryan Operations General
Contractor's Address	4403 Tamiami TRail, East
Person to Contact	Kim Cruise
Telephone Number	775-9101
General Location	Eight
Subdivision	Golden Gate Estates
Tract	-52
Lot	
Block	
Unit	29-
Legal Description	S105'
Type of Structure	Single-Family
Construction	New
Purpose of Construction	Frame residence - 200 amps
Number of Dwelling Units	1
Sewer	Septic
Water	Well
Occupancy Class	Residential
Cost of Construction	$37,062
Flood Zone	
Bench Mark Elevation	
Bench Mark Nail in	
Date Permit Approved	

RECEIVED

NOV 01 88

PLANNING/ZONING

Water Meter Size

ZONING:

Preliminary Approval

Land Zoned E — OK grandfat
Proposed Use SF
Approved by _____ Date 11/1/

Final Approval

Lot Area _____
Front Yard Set Back 75'
Rear Yard Set Back 75'
Side Yards Set Back 10.5'
Parking Spaces _____
Inspection Required: Yes ☐ No ☒
Approved By: JE Date 11/1/88

PUBLIC WORKS DIVISION

Water Management Department
Water Management Permit $_____ Inspection Required: Yes ☐ No ☐
Approved By: _____ Date __/__/__

Engineering Department
Right-of-Way Permit $100.00 Inspection Required: Yes ☒ No ☐
Approved By: _____ Date 11/9/88

Seawall/Dock Permit $_____ Inspection Required: Yes ☐ No ☐
Approved By: _____ Date __/__/__

Impact Fee $318.00 Fund Number 333-113-3650-36351

Approved By WS Date 11/1/88

Approved By _____ Date 11/5/88

White: Building
Green: Fire
Yellow: Utilities
Pink: Health
Goldenrod: Public Works

3/01/84

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

RECEIVED
OCT 28 1988

APPLICATION FOR BUILDING PERMIT
COLLIER COUNTY, FLORIDA

Permit No. 8804263

TO THE APPLICANT: Please complete the following form by typing or printing

BUILDING DEPARTMENT

Application Date 10/28/88

Name of Owner ANNA GILLETT

Project Name SAME AS ABOVE

Job Address 2890 68TH ST. S.W.

Water Management Engineer _____ Telephone Number _____

Architect _____ Telephone Number _____

Engineer (Structural) _____ Telephone Number _____

CONTRACTORS':

		STATE REGISTRATION NO.	COMPETENCY CARD NO.
General Contractor: Name	RYAN OPERATIONS GENERAL	CR 0005461	
General Contractor's Address	4403 E. Tamiami Trail, Naples, FL. 33962		
Person to Contact	Kim Cruise Phone 775-9101		
Electrical Contractor: Name	DESEARS ELECTRIC	ER 0005271	040 [illegible]
Plumbing Contractor: Name	DANDY'S PLUMBING	RF 0041296	1608 [illegible]
A/C-Mech. Contractor: Name	N & M HEATING	RAOB 16657	016ACA
Roofing Contractor: Name	C & D ROOFING SERVICE	CC 0038470	

GENERAL LOCATION: (Check One) (See Reverse Side) 1 2 3 4 5 6 7 (8) 9 10 11

LEGAL:

Subdivision Name _____ OR Complete Description: S 105' TRACT 52 UN. 29, GOLDEN GATE ESTATES

Tract _____ Lot _____

Block _____ Unit _____

(Private legal covenants may exist regulating this property. It is the owner's obligation to ensure that this construction would not violate these legal covenants.—Resolution 82-51-)

☐ ✓ if attached sheets

TYPE OF STRUCTURE: (Circle One) (Single Family) . Mobile Home . Duplex . Multi-Family . Church . Motel/Ho

Number of Bedrooms 3 Commercial . Industrial . Service Station . Office/Bank . School . Hospi

Number of Bathrooms 2 Pool/Spa . Seawall/Dock . Miscellaneous

CONSTRUCTION: (Circle One) (New) ... Alteration ... Additon

PURPOSE OF CONSTRUCTION:

Explain: FRAME HOME Electrical: 200 A

(Examples: Frame Home, Concrete Block Structure (CBS), Interior Partitions, Bath Addition, Room Addition, Enclose Porch, etc.)

No. of New Residential Dwelling Units 1 Maximum Height of Proposed Structure _____ No. of Stories 1

SEWER: (Circle One) (Septic) . Collier County . City of Naples . Private System Name _____

WATER: (Circle One) (Well) Collier County . City of Naples . Private System Name _____

OCCUPANCY CLASSIFICATION:

Residential

Living Area	1203 ✓ Sq. Ft.	Assembly	Sq. Ft.
Porch Areas	Sq. Ft.	Business	Sq. Ft.
Carport Areas	Sq. Ft.	Educational	Sq. Ft.
Garage	455 ✓ Sq. Ft.	Storage	Sq. Ft.
Total	1658 ✓ Sq. Ft.	Hazardous	Sq. Ft.
		Mercantile	Sq. Ft.
		Factory Industrial	Sq. Ft.
		Institutional	Sq. Ft.
		Total	Sq. Ft.

ENERGY CODE: E.P.I. Number 95.1

Contractor's COST OF CONSTRUCTION $ 37,062.00

FLOOD INSURANCE INFORMATION

1. Flood Zone _____ Bench Mark Elevation _____

2a. A Zone — lowest habitable floor elevation: _____ Location _____

2b. V Zone — lowerst horizontal support member elevation: _____

Date Permit Approved ___/___/___ by _____ Date Permit Issued ___/___/___ by _____

All work under the approved building permit shall comply with all applicable laws, codes, ordinances and additional stipulations and/or Conditions of Perm The approved permit expires if work authorized is not commenced within six (6) months from date of issue. The permit fee will be quadrupled, plus a maximu daily penalty of $500.00 if work is started without an approved permit. The permittee further understands that only licensed contractors may be employed a that the structure shall not be used or occupied until a Certificate of Occupancy is issued.

Sworn to and Subscribed before me this 28th day of October, 1988.

Linda M. Bartlett
Notary Public

Signature of Contractor R Fleck
ROBERT J. FLECK

OK JM 10/28

"FAILURE TO COMPLY WITH THE MECHANICS' LIEN LAW CAN RESULT IN THE PROPERTY OWNER PAYING TWICE FOR BUILDING IMPROVEMENTS."

Building Code Compliance
3-19-84

Notary Public
State of Florida at Large
My Commission Expires July 21, 1991

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

RECEIVED
OCT 28 1988
BUILDING DEPARTMENT

APPLICATION FOR BUILDING PERMIT
COLLIER COUNTY, FLORIDA

Permit No. 8804263

TO THE APPLICANT: Please complete the following form by **typing or printing**

Application Date 10/28/88

Name of Owner ANNA GILLETT

Project Name SAME AS ABOVE

Job Address 2890 68th ST. S.W.

Water Management Engineer _____ Telephone Number _____

Architect _____ Telephone Number _____

Engineer (Structural) _____ Telephone Number _____

CONTRACTORS':		STATE REGISTRATION NO.	COMPETENCY CARD NO.
General Contractor: Name	RYAN OPERATIONS GENERAL	CR 0005461	
General Contractor's Address	4403 E. Tamiami Trail, Naples, FL. 33962		
Person to Contact	Kim Cruise Phone 775-9101		
Electrical Contractor: Name	DESEARS ELECTRIC	ER 0005271	040 ME
Plumbing Contractor: Name	DANDY'S PLUMBING	RF 0041296	1608 MF
A/C-Mech. Contractor: Name	N & M HEATING	RAOB 16657	016ACA
Roofing Contractor: Name	C & D ROOFING SERVICE	CC C038470	

GENERAL LOCATION: (Check One) 1 2 3 4 5 6 7 (8) 9 10 11
(See Reverse Side)

LEGAL:
Subdivision Name _____ OR Complete Description: S 105' TRACT 52 UNI 29, GOLDEN GATE ESTATES
Tract _____ Lot _____
Block _____ Unit _____
(Private legal covenants may exist regulating this property. It is the owner's obligation to ensure that this construction would not violate these legal covenants.—Resolution 82-51-)
☐ ✓ if attached sheets

TYPE OF STRUCTURE: (Circle One) (Single Family) . Mobile Home . Duplex . Multi-Family . Church . Motel/Hot
Number of Bedrooms 3
Number of Bathrooms 2
Commercial . Industrial . Service Station . Office/Bank . School . Hospit
Pool/Spa . Seawall/Dock . Miscellaneous

CONSTRUCTION: (Circle One) (New) ... Alteration ... Additon

PURPOSE OF CONSTRUCTION:
Explain: FRAME HOME Electrical: 200 Ar
(Examples: Frame Home, Concrete Block Structure (CBS), Interior Partitions, Bath Addition, Room Addition, Enclose Porch, etc.)

No. of New Residential Dwelling Units 1 Maximum Height of Proposed Structure _____ No. of Stories 1

SEWER: (Circle One) (Septic) . Collier County . City of Naples . Private System Name _____

WATER: (Circle One) (Well) Collier County . City of Naples . Private System Name _____

OCCUPANCY CLASSIFICATION:

Residential			
Living Area	1203 ✓	Sq. Ft.	
Porch Areas		Sq. Ft.	
Carport Areas		Sq. Ft.	
Garage	455 ✓	Sq. Ft.	
Total	1658 ✓	Sq. Ft.	

Assembly		Sq. Ft.
Business		Sq. Ft.
Educational		Sq. Ft.
Storage		Sq. Ft.
Hazardous		Sq. Ft.
Mercantile		Sq. Ft.
Factory Industrial		Sq. Ft.
Institutional		Sq. Ft.
Total		Sq. Ft.

ENERGY CODE: E.P.I. Number 95.1

Contractor's COST OF CONSTRUCTION $ 37,069.00 55,936.

FLOOD INSURANCE INFORMATION

1. Flood Zone _____
2a. A Zone – lowest habitable floor elevation: _____
2b. V Zone – lowerst horizontal support member elevation: _____
Date Permit Approved ___/___/___ by _____
Bench Mark Elevation _____
Location _____
Date Permit Issued ___/___/___ by _____

All work under the approved building permit shall comply with all applicable laws, codes, ordinances and additional stipulations and/or Conditions of Per
The approved permit expires if work authorized is not commenced within six (6) months from date of issue. The permit fee will be quadrupled, plus a maxim
daily penalty of $500.00 if work is started without an approved permit. The permittee further understands that only licensed contractors may be employed
that the structure shall not be used or occupied until a Certificate of Occupancy is issued.

Sworn to and Subscribed before me
this 28th day of October, 19 88.
Linda D. Bartlett
Notary Public

Signature of Contractor R J Fleck
ROBERT J. FLECK

OK JM 10/28

"FAILURE TO COMPLY WITH THE MECHANICS' LIEN LAW CAN RESULT IN THE PROPERTY OWNER PAYING TWICE FOR BUILDING IMPROVEMENTS." FS 713.135

Building Code Compliance
3-19-84

Notary Public
State of Florida at Large
My Commission Expires July 21, 1992

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

CONTRACTOR PERMIT AFFIDAVIT FORM

PERMIT # _____

The processing of the attached Permit Application is contingent upon the swearing of the facts below:

The below signed affiant swears that the below listed contractors of record on Permit # _____ are the contractors of fact that are being used on this project. Below signed affiant also swears that if any change from the below listed contractors or sub-contractors is desired, the affiant will first provide the necessary notarized letters and a new affidavit.

CONTRACTORS:		STATE REGISTRATION NO.	COMPETENCY CARD NO.
Gen'l Contr. Name	RYAN OPERATIONS GENERAL	CB0005461	
Gen'l Contr. Address	4403 E. Tamiami Trail Naples, FL. 33962		
Person to Contact	Kim Cruise	Phone 775-9101	
Elect. Contr. Name	DESEARS ELECTRIC	ER0005271	040ME
Plmb. Contr. Name	DANDY'S PLUMBING	RF 0041896	168MF
A/C Mech. Contr. Name	N & M HEATING	RAOB 16657	016ACA
Roofing Contr. Name	C&D ROOFING	CCC032470	

NOTICE
BE-AWARE-THAT:

Florida Statute #837.06 - False Official Statements Law states that:

"Whoever knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his official duty shall be guilty of a misdemeanor of the second degree," punishable as provided by a fine to a maximum of $500.00 dollars and/or maximum of a sixty day jail term.

Chapter 489 of the Florida State Licensing Laws and Collier County Ordinance #85-42, Section 4.1.10 - state that it is a violation to "Do any Fraudulent Act as a Contractor by which another is substantially injured." Violations of these Laws are punishable by the State and County Contractors Licensing Boards, in addition to the criminal courts

STATE OF (FLORIDA)
COUNTY OF (COLLIER)

R J Fleck
Signature of Qualifier or Owner-Builder

ROBERT J. FLECK
NAME - (Typed or Printed)

SWORN to and subscribed before me this 28th day of October, 1988 under the penalty of law.

MY COMMISSION EXPIRES:

Notary Public State of Florida at Large Commission Expires July 21, 1992

Linda M. Bartlett
Notary Public

OK JM

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

GOLDEN GATE FIRE CONTROL & RESCUE DISTRICT
4741 GOLDEN GATE PKY.
NAPLES, FLA. 33999
(813) 455-1884 • 455-2121

IMPACT FEE WORK SHEET

PROJECT: Anna Gillett

ADDRESS: 2890 68th St. S.W.
GG E.

ZIP 33961

Building Permit Application Number: 88-4266

Type of Dwelling (Check One):

- [x] RESIDENTIAL (including multi-family)
- [ ] COMMERCIAL
- [ ] MOBILE HOME

Square Feet of Building: 1203 S.F.

Living Area S.F., if Applicable: _____ S.F.

Permitted Living Area S.F., if Applicable: _____ S.F.

Sub-Total Fee (applicable S.F. x .30 for commercial or .15 for residential & mobile home)

$ _____

Compliance with NFPA 13 or 13D [ ] Yes [ ] No

Adjusted total fee: $ 180.45

Comments: _____

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

OFFICIAL RECEIPT

PLEASE MAKE CHECKS PAYABLE TO:

BOARD OF COUNTY COMMISSIONERS

COLLIER COUNTY, FLORIDA 33962

PERMIT NUMBER 88-4266

APPLICANT NAME Hyan Homes

APPLICANT ADDRESS _____

CHECK NUMBER 1365984 TELEPHONE _____

ACCOUNT NO.	AMOUNT	CODE	DESCRIPTION	ACCOUNT NO.	AMOUNT	CODE	DESCRIPTION
345-156401-347295	$	46	REGIONAL PARK IMPACT FEES	111-138911-321220	$	74	CONTRACT. EXAM FEE
346-___-347296	$	47	COMM. PARK IMPACT FEES	113-138900-322420	$	75	SUBDIVISION REVIEW
346-156412-347296	$	43	COMM. PARK IMPACT FEES N.N.	113-138900-322430	$	76	SUBDIVISION INSPECTION
346-156413-347296	$	44	COMM. PARK IMPACT FEES G.G.	113-138900-323700	$	77	UTILITY REVIEW
346-156414-347296	$	42	COMM. PARK IMPACT FEES E.N.	113-138900-323710	$	78	UTILITY INSPECTION
355-156190-347161	$	48	LIBRARY IMPACT FEES	113-138900-329450	$	79	WATER MGMT. REVIEW
BS 113-209800	$	49	GOLDEN GATE FD IMPACT FEE	113-138900-329200	$	80	R.O.W. PERMIT
___-163650-___	$	50	ROAD IMPACT FEE	113-138900-329400	$	81	EXCAVATION PERMIT
113-138900-322110	$	51	BLDG. PERMIT - NAPLES	113-138900-329300	$	82	BLASTING PERMIT
113-138900-322120	$	52	BLDG. PERMIT - IMMOKALEE	113-138900-343950	$	83	DEV. PLAN (FINAL)
113-138900-322490	$ 32.00	53	REINSPECTION FEE	113-138900-341960	$	84	BD. ADJUST. APPEAL
BS 113-208500	$	54	SEPTIC	113-138900-341240	$	85	REZONE
113-138900-341250	$	55	SIGN	113-138900-341241	$	86	PUD
113-138900-343930	$	56	1 YR. TEMP. ZONING	113-138900-341242	$	87	DRI REVIEW
113-138900-343940	$	57	SPEC. EVENT-TEMP. ZONING	113-138900-341230	$	88	PROVISIONAL USE
113-138900-341350	$	58	MAPS & PUBLICATIONS	113-138900-341280	$	89	ZONING VARIANCE
113-138900-341380	$	59	ZONING ORDINANCE	113-138900-341290	$	90	PUD AMENDMENT
113-138900-341410	$	60	POSTAGE/DOCUMENTS	113-138900-343990	$	91	DEV. PLAN (PRELIM)
113-138900-341440	$	61	COPIES/MICROFILM	113-138900-343901	$	92	BOAT DOCK PETITION
BS 113-209100	$	62	NORTH NAPLES F.D.	113-138900-341220	$	93	FAIR/CIRCUS PERMIT
BS 113-209200	$	63	EAST NAPLES F.D.	113-138900-343915	$	94	SUBDIV. MASTER PLAN
BS 113-209300	$	64	MARCO ISLAND F.D.	113-138900-341210	$	95	ADMIN. APPEAL
BS 113-209400	$	65	GOLDEN GATE F.D.	113-138900-341260	$	96	TREE PERMIT
BS 113-209500	$	66	BONITA/LITTLE HICKORY F.D.	113-138900-343905	$	97	EIS REVIEW
BS 113-209700	$	67	CORKSCREW F.D.	113-138900-343913	$	98	ST REVIEW
BS 113-209600	$	68	IMMOKALEE F.D.	113-138900-343902	$ 52.00	99	CCCL VARIANCE
BS 113-208800	$	69	RADON GAS	_____	$	___	_____
113-138900-322270	$	70	WELL 2 IN.	_____	$	___	_____
113-138900-329410	$	71	WELL-AGRI/OTHER	_____	$	___	_____
111-138911-343908	$	72	LOT MOWING CLEARING				
111-138911-321210	$	73	CONTRACT. COMP. LICENSE				

TOTAL $ 32.00 PREPARED BY CJ Pluta

DATE 6.6.19

White - Customer Yellow - Finance Pink - IA Gold - File

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

COLLIER COUNTY PUBLIC HEALTH UNIT

SEPTIC SYSTEM SITE EVALUATION

88-1604

Name of Applicant RYAN HOMES (GILLETT)

To be installed at (street address) EAST SIDE OF 68TH STREET S.of

Subdivision GOLDEN GATE ESTATES- SOUTH 105' OF TRACT 52 ~~Lot~~ ~~Block~~ Unit 29

Size of lot 105' X 660' Distance from property line to sewer N.A.

Distance to lake, stream, canal N.A. Distance to public water supply N.A.

Distance from proposed drainfield to other private wells OVER 50'

Is area subject to flooding? Yes ___ No ✓

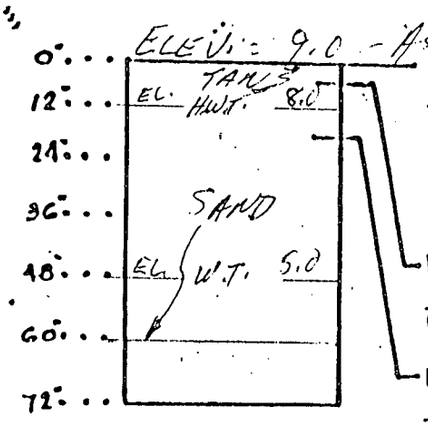
Does site have natural wetlands indicator vegetation? No ___, Yes ✓: Cypress ✓ Other ___

Any Perimeter ditches? Yes ✓ Depth of ditches 24"± Depth of water in ditches 0

SOIL PROFILE

Soil Profile must be conducted in area of proposed drainfield. Indicate all muck, and other impervious soil encountered.

WATER TABLE



Natural Grade is ___ inches above, 12 inches below Crown of Road

Wettest Season Water Table is ___ inches above, 24 inches bel Crown of Road BY ESTIMATE

Existing Water Table is 60± inches below Crown of Road

IDENTIFY SOIL TEXTURE (Circle applicable textures)

SLIGHT LIMITED SOILS AT 0-60 INCHES (Sand, loamy sand, sandy loam, loam, silt loam)

MODERATE LIMITED SOILS AT ___ INCHES (Silt, sandy clay loam, clay loam, silty clay loam, sandy clay, silty clay)

SEVERE LIMITED SOILS AT ___ INCHES (Clay, bedrock, limerock, hard pan, organic soi very coarse sand)

THE ELEVATION OF THE SEPTIC TANK OUTLET INVERT SHALL BE 6 INCHES ABOVE CROWN OF ROAD (If the road is unpaved add six (6) inches to the elevation). In your professional opinion is this site suitable for the installation of a septic tank and drainfield? Yes ___ No ✓, If no, how can site be made suitable? FILL TANK, DRAINFIE 5' UNOBSTRUCTED AREA WITH 34" SUITABLE SOIL TO TOP OF COVE

This is to certify that the above information was acquired in accordance with the requirements of Chapter 10D-6 Florida Administrative Code by a person possessing the necessary soils training as outlined in Chapter 10D-6.44(3).

Signature of person conducting site evaluation

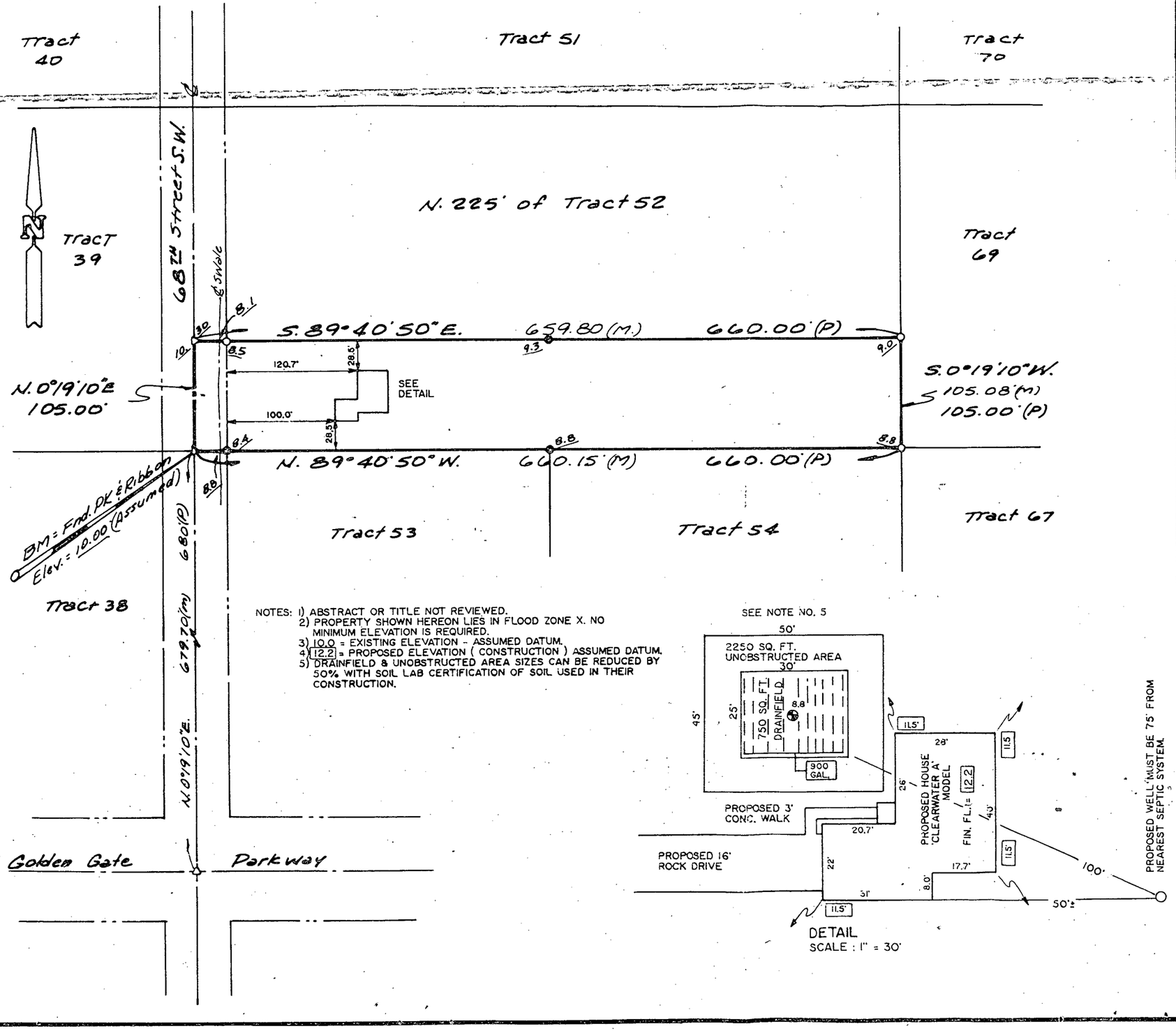
10/4/88
Date site evaluation made

Certified by:
(Raised Seal)

Signature Engineer/Land Surveyor

01/86

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)



NOTES: 1) ABSTRACT OR TITLE NOT REVIEWED.
2) PROPERTY SHOWN HEREON LIES IN FLOOD ZONE X. NO MINIMUM ELEVATION IS REQUIRED.
3) 10.0 = EXISTING ELEVATION - ASSUMED DATUM.
4) [12.2] = PROPOSED ELEVATION (CONSTRUCTION) ASSUMED DATUM.
5) DRAINFIELD & UNOBSTRUCTED AREA SIZES CAN BE REDUCED BY 50% WITH SOIL LAB CERTIFICATION OF SOIL USED IN THEIR CONSTRUCTION.

W. LAMAR EVERS, INC.
1044 SIXTH STREET NORTH
NAPLES, FLORIDA 33940

FOR
Ryan Homes (Billett)

DESCRIPTION

Boundary Survey
S.105' Tract 52 Unit 29
Golden Gate Estates
(as recorded in Plat Book 7 pg. 57
Public Records Collier County, Fla.)

BEARINGS BASED ON THOSE SHOWN IN PLAT BOOK 7 PAGE 57 Collier COUNTY, FLORIDA

CERTIFICATE

I HEREBY CERTIFY TO

Ryan Financial Services

THAT A SURVEY OF THE HEREON DESCRIBED PROPERTY WAS MADE UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF MEETS THE MINIMUM TECHNICAL STANDARDS AS PER CHAPTER 21HH-6 FAC

Douglas M. Richard, P.L.S. 10/8/88
FLA. CERT. NO. 4273 DATE

THIS CERTIFICATION IS ONLY FOR THE LANDS AS DESCRIBED ABOVE.
IT IS NOT A CERTIFICATION OF TITLE, ZONING OR FREEDOM OF ENCUMBERANCES.
THIS CERTIFICATION IS NOT VALID UNLESS SEALED WITH THE EMBOSSED SEAL.
ABSTRACT NOT REVIEWED.

□ = FOUND CONCRETE MONUMENT
■ = SET CONCRETE MONUMENT
○ = FOUND IRON PIN
⊗ = SET IRON PIN
▷ = FOUND OR SET NAIL
○ = FOUND OR SET DRILL HOLE

REVISIONS
10-7-88 UPDATED SURVEY & ADDED PLOT PLAN

DATE OF SURVEY 7-22-88
F.B. 76 PAGE 47
SCALE 1" = 100'
DRAWN Spencer CHECKED
FILE NO. A-88.1052-1

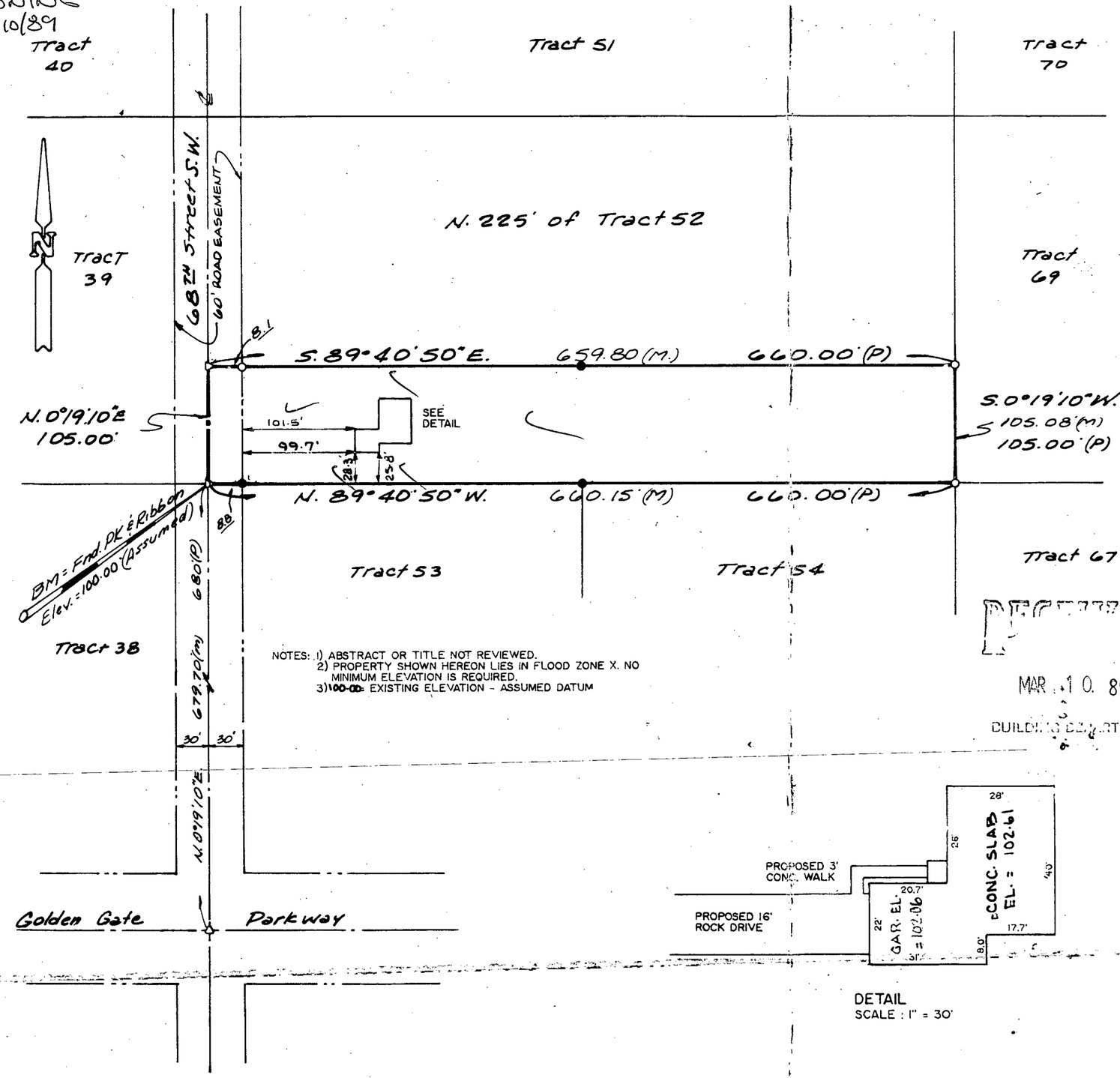
Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

3.B.e

GG-1078 E

88-4266 -

OK ZONING SS 3/10/89



NOTES: 1) ABSTRACT OR TITLE NOT REVIEWED.
2) PROPERTY SHOWN HEREON LIES IN FLOOD ZONE X. NO MINIMUM ELEVATION IS REQUIRED.
3) 100.00 = EXISTING ELEVATION - ASSUMED DATUM

RECEIVED
MAR 10 89
BUILDING DEPARTMENT

DETAIL
SCALE : 1" = 30'

W. LAMAR EVERS, INC.
1044 SIXTH STREET NORTH
NAPLES, FLORIDA 33940

FOR
Ryan Homes (Gillett)

DESCRIPTION

Boundary Survey
S. 105' Tract 52 Unit 29
Golden Gate Estates
(as recorded in Plat Book 7 pg. 57
Public Records Collier County, Fla.)

BEARINGS BASED ON THOSE SHOWN IN PLAT BOOK 7 PAGE 57 Collier COUNTY, FLORIDA

CERTIFICATE

I HEREBY CERTIFY TO
N.V.R.

THAT A SURVEY OF THE HEREON DESCRIBED PROPERTY WAS MADE UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF MEETS THE MINIMUM TECHNICAL STANDARDS AS PER CHAPTER 21HH-6 FAC

Robert J. Bonack, P.L.S. 3-7-89
FLA. CERT. NO. 4474 DATE

THIS CERTIFICATION IS ONLY FOR THE LANDS AS DESCRIBED ABOVE.
IT IS NOT A CERTIFICATION OF TITLE, ZONING OR FREEDOM OF ENCUMBERANCES.
THIS CERTIFICATION IS NOT VALID UNLESS SEALED WITH THE EMBOSSED SEAL.
ABSTRACT NOT REVIEWED.

□ = FOUND CONCRETE MONUMENT
■ = SET CONCRETE MONUMENT
○ = FOUND IRON PIN
● = SET IRON PIN
▷ = FOUND OR SET NAIL
⊙ = FOUND OR SET DRILL HOLE

REVISIONS
10-7-88 UPDATED SURVEY & ADDED PLOT PLAN
3-7-89 FOUNDATION LOCATION & FLOOR ELEV. W.O. 89-0376

DATE OF SURVEY 7-22-88
F.B. 76 PAGE 47
SCALE 1" = 100'
DRAWN Spencer CHECKED
FILE NO. A-88.1052-1

Attachment: Attachment D - Building Permit 88-4266 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Report Title: Code Case Details

Date: **2/13/2023 5:27:31 PM**

Case Number: **CESD20190014719**

Case Information

Case Number:	**CESD20190014719**
Case Type:	**Site Development**
Priority:	**Normal**
Inspector:	**RyanCathey**
Jurisdiction:	**Collier County Code Enforcement**
Origin:	**Elected Official**

Status:	**Open**
Date & Time Entered:	**12/13/2019 1:05:53 PM**
Entered By:	**letourneau_j**
Case Disposition:	**Case Pending**

Detail Description:	**Structure built without permit.**
Location Comments:	**2890 68th St. SW** **Folio 38104720009**

Address Location

Address	**2890 68th ST SW, Naples**
Property	**38104720009**

Contacts

Property Owner	**JAEN, ULYSSES NABAL**

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Investigations

Desc	Assigned	Required	Completed	Outcome	Comments
Verify Complainant	JuniorTorres	12/13/2019	12/13/2019	Not Required	Not required, JL#34.
CE Case Research	JuniorTorres	12/13/2019	12/13/2019	Complete	The property owner is Ulysses N Jaen (no contact information found). No recent code violations. TorresJunior 12/13/2019 1:55 PM
CE Staff Review	letourneau_j	12/13/2019	12/13/2019	Complete	Commissioner complaint.
Initial Inspection	JuniorTorres	12/13/2019	12/13/2019	Incomplete	I conducted a site inspection and attempted make contact at the residence. No one appeared to be home. I then left my contact information on the front door requesting a c back. I did not see any of the possible violations mentioned in the complaint from t front of the property. I will conduct another s inspection. TorresJunior 12/13/2019 3:59 P
Initial Inspection Follow-up	JuniorTorres	12/16/2019	12/16/2019	Incomplete	I conducted another site visit to try and spea to a tenant or property owner. There was nc one home again. I have not received a call back as of this time since, I left my business card on the front door. I will conduct anothe site visit. TorresJunior 12/16/2019 10:44 AM
Initial Inspection Follow-up	JuniorTorres	12/20/2019	12/20/2019	Incomplete	I conducted another site inspection and was unable to make contact with the tenant or property owner. No attempt has been made by the property owner to contact me. I will present this case to my supervisor for furthe guidance. TorresJunior 12/20/2019 7:27 AM
Initial Inspection Follow-up	JuniorTorres	1/7/2020	1/7/2020	Incomplete	While conducting further research it was discovered that a shed appears to have bee built without the required permits and inspections from the county. I was able to view the shed via aerial photos from county property appraiser website. A determination will be made and presented to the County Chief Building Official. TorresJunior 01/07/2020 8:38 AM
CE Staff Review	JuniorTorres	1/7/2020	1/7/2020	Complete	Determination packet completed. TorresJur 01/07/2020 8:58 AM
Attach Picture(s)	JuniorTorres	1/7/2020	1/7/2020	Complete	Pictures attached. TorresJunior 01/07/2020 8:46 AM
Initial Inspection Follow-up	JuniorTorres	1/10/2020	1/10/2020	Violation(s) Found	I presented the determination packet to the county chief building official. It was determined that the property owner would have to get the required permit for the shed the rear of the property. TorresJunior 01/10/2020 10:37 AM
Attach Picture(s)	JuniorTorres	1/10/2020	1/10/2020	Complete	Pictures attached already. TorresJunior 01/10/2020 10:47 AM
Record Violations	JuniorTorres	1/10/2020	1/10/2020	Complete	Violations recorded. TorresJunior 01/10/202 10:40 AM
Generate Notice of Violation	JuniorTorres	1/10/2020	1/10/2020	Complete	NOV generated. TorresJunior 01/10/2020 10:46 AM

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
Personal Service Attempt	JuniorTorres	1/13/2020	1/13/2020	Incomplete	I attempted personal service but no one wa home. I posted the NOV at the property and the Collier County Court House. TorresJuni 01/13/2020 10:47 AM
Post Courthouse	JuniorTorres	1/13/2020	1/13/2020	Complete	NOV posted at the Collier County Court House. TorresJunior 01/13/2020 10:48 AM
Post Property	JuniorTorres	1/13/2020	1/13/2020	Complete	NOV posted at the property. TorresJunior 01/13/2020 10:48 AM
Update Picture(s)	JuniorTorres	1/13/2020	1/13/2020	Complete	Posting pictures attached. TorresJunior 01/13/2020 10:55 AM
CE Mailing	day_n	1/14/2020	1/14/2020	Complete	Please mail NOV certified and regular. Also please scan AOP into case as well as the determination sheet. TorresJunior 01/13/202 1:38 PM Mailed NOV cert / reg /nd
CE Staff Review	day_n	1/14/2020	1/14/2020	Complete	Attached AOP /nd
CE Staff Review	day_n	1/14/2020	1/14/2020	Complete	Attached determination form /nd
CE Staff Review	day_n	1/14/2020	1/14/2020	Complete	Attached NOV signed JT /nd
CE Staff Review	day_n	1/14/2020	1/14/2020	Complete	Attached AOM /nd
Re-Inspection	JuniorTorres	2/12/2020	2/12/2020	Non-Compliant	I conducted permit research in CityView and observed that a permit was applied for perm PRBD2020103880 is in rejected status and expires on 8/4/2020. I will continue to monit until a final C/O is issued. TorresJunior 02/12/2020 7:06 AM
Re-Inspection	JuniorTorres	3/11/2020	3/11/2020	Non-Compliant	I conducted permit research and permit PRBD2020103880 still remains in rejected status. The permit expires on 8/4/2020. TorresJunior 03/11/2020 11:02 AM
Re-Inspection	JuniorTorres	4/6/2020	4/6/2020	Non-Compliant	I conducted permit research in CityView and found permit PRBD20200103880 in rejecte status. The permit expires on 8/4/2020. I wi continue to monitor. TorresJunior 04/06/202 7:35 AM
CE Staff Review	day_n	4/10/2020	2/12/2020	Complete	Rec'd green card - 7017 0530 0000 5988 9095 signed 1/18/2020 /nd
Re-Inspection	JuniorTorres	4/28/2020	4/28/2020	Non-Compliant	I conducted permit research in CityView. Permit PRBD20200103880 remains in rejected status. The permit expires on 8/4/2020. TorresJunior 04/28/2020 11:10 A
Re-Inspection	JuniorTorres	5/27/2020	5/27/2020	Non-Compliant	I conducted permit research and found perr PRBD20200103880 still in rejected status. The property owner is aware of the corrections needed for the permit. I will conducted one more re-inspection before preparing the case for a hearing. TorresJun 05/27/2020 7:19 AM
Re-Inspection	JuniorTorres	6/25/2020	6/25/2020	Requires Hearing	I conducted permit research and found perr PRBD20200103880 in rejected status. This case will be prepared for hearing. TorresJunior 06/25/2020 10:42 AM

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
Update Picture(s)	JuniorTorres	7/7/2020	7/7/2020	Complete	The deed, stipulation and recommendation have been attached to the case. TorresJuni 07/07/2020 9:03 AM
Assign Hearing Type	JuniorTorres	7/7/2020	7/7/2020	Code Enforcement Board Hearing	The statement of violation and ordinances have been generated and will be submitted for review. TorresJunior 07/07/2020 9:04 AM
CE Supervisor Review (CE)	EricShort	7/8/2020	7/8/2020	Complete	ShortEric 07/08/2020 1:13 PM - Reviewed and approved Hearing Submission. -ES46
CE Legal Review	letourneau_j	7/9/2020	7/10/2020	Schedule for SM/CEB	I reviewed the packet and gave it to the Hearing Team. JL#34
Re-Inspection	JuniorTorres	8/11/2020	8/11/2020	Non-Compliant	This case currently pending the next availab hearing date. TorresJunior 08/11/2020 11:3 AM
Schedule Case for Hearing	helenbuchillon	9/5/2020	9/9/2020	Complete	Case scheduled for the September 24, 202 CEB Hearing – HB
Generate Hearing Notice (CE)	HelenBuchillon	9/9/2020	9/9/2020	Complete	
Hearing Notice Service/Posting	JuniorTorres	9/9/2020	9/9/2020	Complete	Last day to post is September 11, 2020 – H I posted the hearing notice at the property and the Collier County Court House. TorresJunior 09/09/2020 11:50 AM
Affidavit of Service/Posting	JuniorTorres	9/9/2020	9/9/2020	Complete	AOP generated and will be placed for heari staff. TorresJunior 09/09/2020 11:56 AM
Update Picture(s)	JuniorTorres	9/9/2020	9/9/2020	Complete	Posting Pictures attached. TorresJunior 09/09/2020 1:43 PM
CE Mailing	SaylysCoutin	9/10/2020	9/10/2020	Complete	NOH for the September 24, 2020 CEB Hearing sent regular mail, evidence packet sent certified – SC
CE Phone Call	JuniorTorres	9/10/2020	9/10/2020	Complete	I received a call from the property owner. H advised he will try to fix the permitting issue before the hearing date. I advised him that I will be presenting the case if no permits are on file. TorresJunior 09/10/2020 8:08 AM
Pre Hearing Inspection	JuniorTorres	9/23/2020	9/23/2020	Complete	I conducted permit research in CityView an found permit PRBD20200103880 in rejecte status. I met with the property owner and he sign a stipulation agreement. I will be presenting the stipulation agreement at the upcoming CEB hearing. TorresJunior 09/23/2020 2:29 PM
Record Hearing Results	HelenBuchillon	9/29/2020	9/25/2020	Complete	9/24/20 Respondent not present, Stipulation Agreement. Respondent must abate all violations by: Obtaining all required Collier County Building Permit(s), or Demolition Permit, Inspections, and Certificate of Completion for the unpermitted shed on or before December 24, 2020 or a fine of $100.00 per day will be imposed for each da the violation remains thereafter and pay operational costs for the prosecution of this case in the amount of $59.28 on or before October 24, 2020. – HB

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
CE Staff Review	HelenBuchillon	10/1/2020	10/1/2020	Complete	Mailed copy of FF Order & Stipulation to respondent from the September 24, 2020 CEB Hearing – HB
Generate Hearing Results Notice (CE)	HelenBuchillon	11/30/2020	1/6/2021	Complete	1/6/21 Findings of Fact Stipulation Order attached, OR 5831 PG 4000 – HB 10/12/20 Sent order to be recorded. – HB
Post Hearing Re-Inspection	RyanCathey	12/28/2020	12/29/2020	Non-Compliant	29 December 2020 - I called and spoke to t owner (304-816-1410), who stated he is stil working through the variance process to ke the shed. Permit for the shed is rejected. F in the system is pending. The owner has a meeting next Tuesday, January 5 with the buiding department. Fines start to accrue. Will complete CEB AONC. RC10.
Not Applicable	ryancathey	12/29/2020	12/29/2020	Not Required	
CE Staff Review	HelenBuchillon	1/11/2021	1/11/2021	Complete	Scanned & attached notarized AONC – HB
Re-Inspection	RyanCathey	3/29/2021	3/24/2021	Non-Compliant	PL remains pending, owner continuing to work through variance. Fines continue to acrue. RC10.
Re-Inspection	RyanCathey	6/23/2021	6/23/2021	Non-Compliant	PL20200002603 remains pending (pre-application meeting). PRBD20200103880 currently rejected. No change in ownership, fines continue to acrue. Owner continuing to work through variance. RC10.
Re-Inspection	RyanCathey	9/22/2021	9/20/2021	Non-Compliant	No change in ownership, fines continue to acrue. Owner continuing to work through variance. RC10.
Re-Inspection	RyanCathey	10/27/2021	10/27/2021	Non-Compliant	No change in ownership, fines continue to acrue. Owner continuing to work through variance. RC10.
CE Staff Review	RyanCathey	1/18/2022	1/18/2022	Complete	Make contact with owner - No submittals ha been recieved in regards to variance I spoke with the owner (304-816-1410) regarding the variance and permit. He state he never received anything from county engineering. I advised him that the fines we continuing to accrue. I also suggested he meet with Renald Paul or the building department regarding the survey that was supposed to be done and to find out what else is required. RC10.

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
CE Staff Review	crowley_m	1/20/2022	1/20/2022	Complete	1/19 I was requested to assist John Kelly/Planner in meeting with owner Ulysse Jaen, in GMD lobby; we met and discusse the previous rejection of his Variance reque and the general issues of this Code case. i explained that fines appeared to be running on this violation, and that in order to resolve one of the rejection comments he would nee to provide a copy of either a Wetland Determination or an Exemption letter from t DEP to assure that the shed location was n impacting wetlands. Owner recalled having paid someone last year to do a determinatio but he couldn't recall who did it. i encouraged owner to go meet with Code Investigator Cathey immediately to provide update on what was happening after so mu time. 1/20 i was advised that someone had dropped off a document for me and the left -- it was a copy of DEP Exemption letter #397165-001 EE dated 2/11/21 approving c placement of a Shed in Uplands along the l side of the property 255' from the rear boundary. I located the original on the DE database (in color) and uploaded it into this case. This would remove any objection to the variance due to potential wetlands in the area where the Shed apparently sits. I provided Planner John Kelly with the same document electronically via email so that he can make it part of the Variance record. crowley_m 01/20/2022 4:34 PM
Re-Inspection	RyanCathey	2/1/2022	1/24/2022	Non-Compliant	See notes from Michaelle Crowley below. DEP exemption letter attached. Fines continue to accrue. RC10.
Re-Inspection	RyanCathey	4/4/2022	4/4/2022	Non-Compliant	Violation remains, fines accruing, no change in ownership, PL pending. RC10.
CE Legal Review	Miriam.Lorenzo	4/30/2022	5/4/2022	Schedule for SM/CEB	5/4/22 approved to schedule for Hearing./M 1/6/21 On list to check if need to schedule f next CEB IOF. – HB
Schedule Case for Hearing	Miriam.Lorenzo	5/4/2022	5/4/2022	Complete	Case scheduled for May 26, 2022 CEB Hearing./ML
Generate Hearing Notice (CE)	Miriam.Lorenzo	5/4/2022	5/4/2022	Complete	c
CE Mailing	Miriam.Lorenzo	5/4/2022	5/4/2022	Complete	NOH for the May 26, 2022 CEB Hearing mailed reg. and evidence packet mailed cer # 70211970 0001 4432 2739./ML Ulyses Nabal Jaen 2890 68th St SW Naples, FL 34105
Hearing Notice Service/Posting	RyanCathey	5/11/2022	5/11/2022	Complete	Last day to post May 12, 2022./ML 11 May 2022 - Posted property.
Affidavit of Service/Posting	ryancathey	5/11/2022	5/11/2022	Complete	

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
CE Staff Review	Miriam.Lorenzo	5/12/2022	5/12/2022	Complete	Case has been withdrawn fro the May 26, 2022 CEB Hearing per JL due to complianc efforts./ML email attached./ML CESD20190014719 email to WD per JL
CE Staff Review	letourneau_j	5/12/2022	5/12/2022	Complete	I spoke to the property owner who advised his variance had stalled due to numerous reasons, and that he would be moving forward with it now. He asked me to pull the case from the agenda to give him more time advised him of what he owed, and that I would remove the case from IOF. I also told him that we needed to see some progress o compliance, or the case would be resubmitt for IOF. JL#34
CE Staff Review	Miriam.Lorenzo	5/12/2022	5/12/2022	Complete	AOM NOH IOF scan and attach./ML CESD20190014719 AOM
Re-Inspection	RyanCathey	6/21/2022	6/22/2022	Non-Compliant	Looks like there were fees paid and documents submitted back in May. Fines continue to accrue.
CE Legal Review	helenbuchillon	6/30/2022	7/1/2022	Schedule for SM/CEB	On list to check if need to schedule for next CEB IOF. – HB
Schedule Case for Hearing	HelenBuchillon	7/1/2022	7/1/2022	Complete	Case scheduled for the July 28, 2022 CEB IOF Hearing – HB
Generate Hearing Notice (CE)	HelenBuchillon	7/1/2022	7/1/2022	Complete	
Not Applicable	EricShort	7/5/2022	5/4/2022	Not Required	
CE Mailing	HelenBuchillon	7/6/2022	7/6/2022	Complete	NOH for the July 28, 2022 CEB IOF Hearin sent regular mail, evidence packet sent certified – HB
Affidavit of Service/Posting	ryancathey	7/11/2022	7/11/2022	Complete	
CE Phone Call	ryancathey	7/11/2022	7/11/2022	Complete	Owner (Ulysses , 304-816-3144) called to advise he submitted additional paperwork t the building dept. 2-3 weeks ago. He is out town for July hearing and would like a continuance till August hearing. I sent an e mail to Jeff to review.
Hearing Notice Service/Posting	RyanCathey	7/11/2022	7/11/2022	Complete	Last day to post is July 14, 2022 – HB Posted property and courthouse.
Not Applicable	HelenBuchillon	7/27/2022	7/11/2022	Not Required	
Re-Inspection	RyanCathey	8/1/2022	7/27/2022	Non-Compliant	I checked the portal and still do not see whatever paperwork was allegedly submitte to the building department. I have not hear back from the owner.
CE Staff Review	HelenBuchillon	8/1/2022	7/11/2022	Complete	7/11/22 Case has been withdrawn from the July 28, 2022 CEB IOF Hearing per Manag Jeff Letourneau – HB (Compliance Efforts)

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
Not Applicable	ryancathey	8/2/2022	8/2/2022	Not Required	I received a call from the owner (285-4321). He met with the building department yesterday and will speak with Renald today regarding some issues with drawings. He h paid fees for the variance. Previous ops co from hearing was paid too.
CE Staff Review	ryancathey	8/2/2022	8/2/2022	Complete	***The above actity from 8-2-22 is incorrect
Schedule Case for Hearing	HelenBuchillon	9/6/2022	9/6/2022	Complete	Case scheduled for the September 22, 202 CEB IOF Hearing – HB
Generate Hearing Notice (CE)	HelenBuchillon	9/6/2022	9/6/2022	Complete	
Hearing Notice Service/Posting	RyanCathey	9/6/2022	9/10/2022	Not Required	Last day to post is September 8, 2022 – HB I was out of town when the e-mail with the posting was sent to me. Property was not posted by the required date.
CE Legal Review	helenbuchillon	9/6/2022	9/6/2022	Schedule for SM/CEB	7/11/22 On list to check if need to schedule for next CEB IOF. – HB
CE Mailing	HelenBuchillon	9/7/2022	9/7/2022	Complete	NOH for the September 22, 2022 CEB IOF Hearing sent regular mail, evidence packet sent certified – HB
CE Phone Call	ryancathey	9/13/2022	9/13/2022	Complete	I called and left a voicemail for the owner advising the case was withdrawn and will be rescheduled.
Not Applicable	HelenBuchillon	9/21/2022	9/13/2022	Not Required	
CE Staff Review	HelenBuchillon	9/27/2022	9/13/2022	Complete	9/13/22 Case has been withdrawn from the September 22, 2022 CEB IOF Hearing and will be re-scheduled for the October 27, 202 CEB IOF Hearing per Supervisor Bradley Holmes – HB
Generate Hearing Notice (CE)	HelenBuchillon	10/7/2022	10/7/2022	Complete	
CE Mailing	Miriam.Lorenzo	10/7/2022	10/7/2022	Complete	NOH for the October 27, 2022 CEB Hearing mailed reg. and evidence packet mailed cer #7022 0410 0003 3923 9175./ML
Schedule Case for Hearing	HelenBuchillon	10/11/2022	10/7/2022	Complete	Case scheduled for the October 27, 2022 CEB IOF Hearing – HB Schedule for October Hearing - HB
Affidavit of Service/Posting	ryancathey	10/12/2022	10/12/2022	Complete	
CE Staff Review	Miriam.Lorenzo	10/12/2022	10/12/2022	Complete	AOM-AOP NOH IOF scan and attach./ML CESD20190014719 AOM-AOP NOH IOF 1 12-22
Hearing Notice Service/Posting	RyanCathey	10/12/2022	10/12/2022	Complete	Last day to post is October 13, 2022 – HB Posted property
Re-Inspection	RyanCathey	10/25/2022	10/25/2022	Non-Compliant	Sent an e-mail to Renald for an update on t variance. There was an error in Cityview ar that is why a review hasn't been completed. Renald stated they are submitting it for revie today.
Not Applicable	ryancathey	10/25/2022	10/25/2022	Not Required	

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Desc	Assigned	Required	Completed	Outcome	Comments
Pre Hearing Inspection	RyanCathey	10/26/2022	10/25/2022	Complete	Violation remains, owner is still waiting on variance results.
CE Staff Review	ryancathey	10/26/2022	10/26/2022	Complete	Renald got the variance back under review and a request for legal service was sent yesterday. Will withdraw from hearing per Jeff.
CE Phone Call	ryancathey	10/26/2022	10/26/2022	Complete	I found the correct number for the owner (3(-816-1410). I advised of the status of the variance and that the case was going to be withdrawn Thursday.
Re-Inspection	RyanCathey	11/1/2022	10/25/2022	Non-Compliant	IOF hearing set for this thursday. Fines continue to accrue.
CE Staff Review	HelenBuchillon	11/1/2022	10/27/2022	Complete	10/27/22 Case was withdrawn at the Octob 27, 2022 CEB IOF Hearing per Manager Je Letourneau – HB (Compliance Efforts)
Re-Inspection	RyanCathey	11/23/2022	11/14/2022	Non-Compliant	GIS review completed 10/26/22. Other reviews remain (est. 11/23/22).
Re-Inspection	RyanCathey	12/22/2022	12/14/2022	Non-Compliant	Variance has been approved by all departments except zoning. Zoning sent a letter on 12/2/22. I spoke with the owner today and he is aware of the letter and is working on the corrections now. Will follow to see if approved.
Re-Inspection	RyanCathey	1/16/2023	1/10/2023	Non-Compliant	Variance remains pending. Multiple documents submitted on 12/28/22 including an RLS.
Re-Inspection	RyanCathey	2/16/2023		Pending	
CE Legal Review	helenbuchillon	2/28/2023		Pending	10/27/22 On list to check if need to schedul for next CEB IOF. – HB

Violations

Violation Description	Status	Entered	Corrected	Amount	Comments
Building Permit LDC	NOV Issued	1/10/2020		$0	Observed shed via internet aerials without permits in the rear of the property.
Improvement Prior to Building Permit	NOV Issued	1/10/2020		$0	

Hearings

Title	Reason	Result	Compliance	Fine/Day	Condition
Code Enforcement Board on 9/24/2020	Code Review	Guilty		$0	CEB Ops costs -HB
Code Enforcement Board Hearing on 05/26/2022	Imposition of Fines	Withdrawn		$0	CEB IOF Ops cost./ML
Code Enforcement Board Hearing on 07/28/2022	Imposition of Fines	Withdrawn		$0	CEB IOF Ops Costs - HB
Code Enforcement Board Hearing on 09/22/2022	Imposition of Fines	Withdrawn		$0	CEB IOF Ops Costs - HB
Code Enforcement Board Hearing on 10/27/2022	Imposition of Fines	Withdrawn		$0	CEB IOF Ops Costs - HB

Attachment: Attachment E - Code Case Details CESD20190014719 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Permit Application Status

PRBD20200103880

In order to view fees or schedule inspections, you need to be signed in.

Expand All / Collapse All

Note: You can collapse and expand individual sections by clicking the header of the section you wish to collapse/expand.

Summary

Application Number:	PRBD20200103880
Application Type:	Building
Application Status:	Abandoned
Property Owner's Full Name:	JAEN, ULYSSES NABAL
Category of Work:	Accessory
Occupancy Code:	Residential, One and Two Family New or Guest House
Description of Work:	CEMENT BLOCK FOUNDATION, 2X4 TREATED WOOD FRAME WALLS, STUCCO, DIRT AND GRAVEL FOUNDATION, GALVANIZED STEEL SINGLE ROOF, CONSISTING OF A BASIC STORAGE ROOM WITH A SEMI-ENCLOSED AREA FOR LAWN EQUIPMENT. PERMIT AFTER THE FACT ***CESD20190014719**
	2890 68th ST SW, Naples
Application Date:	01/29/2020
Expiration Date:	06/26/2021
1-2 Family or Comm:	1-2 Family

Locations

Locations: Property
38104720009

Address
2890 68th ST SW, Naples

Contacts

Permits
(Click to See Reviews)

Permit Number: PRBD2020010388001

Permit Type:	Carport/Shed
Permit Status:	Abandoned

Deposits & Bonds

Inspections

Inspection	Outcome	Requested	Scheduled	Date Inspected
100 - Footings	Inactive Activity			07/03/2021
Inspector:	cvmanager			
115 - Building Final	Inactive Activity			07/03/2021
Inspector:	cvmanager			
133 - Monolithic Slab	Inactive Activity			07/03/2021
Inspector:	cvmanager			
108 - Framing	Inactive Activity			07/03/2021
Inspector:	cvmanager			
151 - Shearwall/Nailing	Inactive Activity			07/03/2021
Inspector:	cvmanager			
110 - Tie Down	Inactive Activity			07/03/2021
Inspector:	cvmanager			

Conditions

Attachment: Attachment F - Permit Application PRBD20200103880 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Condition	Status	Department	Category	Expiration Date	Due Date
Notice of Commencement	Open	Building Review and Permitting			
Description: Notice of Commencement: For paper submittals send to inspections@colliercountyfl.gov and for electronic submittals upload to the condition on the portal.					
	Condition Type: Inspection Hold				
Elevation Certificate	Open				
Description: > Elevation Certificate BFE AH-10.5 if the structure is below flood then relief vents will be required HartwellToby 02/03/2020 9:23 AM					
	Condition Type: CO Hold				
Final Survey CO Hold	Open	Building Review and Permitting			
Description: A Spot Survey will be required within ten days of passing a 704 shell reinforcement or 103/133 inspection of slab. Prior to obtaining County approval of the Spot Survey, the permit holder's construction activities are at his/her own risk. After 10 days an "Inspection HOLD" will be placed on this Permit for survey review. NOTE: A Spot Survey must verify slab meets setbacks and minimum elevation per Chapter 62, Collier County Code of Laws and Ordinances, e.g., 18" above the crown of the road or the elevation established by the SFWMD permit.					
	Condition Type: CO Hold				
Miscellaneous Conditions	Open				
Description: <Enter Conditions> Non-Conversion agreement is needed before CO is issued HartwellToby 02/03/2020 9:17 AM					
	Condition Type: Select Value				
Outstanding permits	Open	Building Review and Permitting			
Description: Contact BPRS@colliercountyfl.gov regarding an outstanding permit for this address. PREL20180952545 HartwellToby 02/03/2020 9:28 AM					
	Condition Type: Informational				
Permit Extension OR Cancellation	Open	Building Review and Permitting			
Description: To Extend OR Cancel Permit upload extension request document. Follow link to locate Forms; https://www.colliercountyfl.gov/your-government/divisions-a-e/building-review/building-permit-resolution-services					
	Condition Type: Informational				

Documents & Images

Date Uploaded	File Type	Document Name
01/29/2020	Applications	PRBD20200103880.pdf
01/29/2020	Applications	PRBD20200103880 AFF SITE PLAN.pdf
01/29/2020	Letter	Payment Slip (PR)
01/29/2020	Receipt	Receipt for transaction: 2020-008552
02/06/2020	Letter	Corrections Letter Paper - Outstanding Corrections
12/31/2021	Letter	Payment Slip (RFI-Customer PR)
12/31/2021	Letter	Expired Application Notice

Portal Home

Attachment: Attachment F - Permit Application PRBD20200103880 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

COLLIER COUNTY GOVERNMENT

GROWTH MANAGEMENT DIVISION / BUILDING REVIEW & INSPECTION
2800 N. Horseshoe Drive, Naples FL 34104 * Phone (239) 252-2400

Outstanding Corrections

Date: February 06, 2020
Contact Name: JAEN, ULYSSES NABAL
Address: 2890 68TH ST SW
City, State Zip: NAPLES, FL 34105
Fax: <NO FAX NUMBER>

PERMIT NO: PRBD2020010388001
APPLICATION NO: PRBD20200103880
JOB SITE ADDRESS: 2890 68th ST SW, Naples

Email:

Dear Applicant:

Plans submitted with the referenced permit have been reviewed. We are unable to approve your permit application for th reason(s) indicated below.

For Applications Submitted on Paper:

- Review the corrections below to identify each document you will need to submit.
- All corrections must be clouded.
- Corrections to *paper documents* must be submitted in person; the GMD office receiving corrections is open until 4:30 pm.
- Submit 3 sets of corrected documents.
- Submit 3 copies of the Letter of Response summarizing the changes made to address each correction comment below.

JOB DESCRIPTION: CEMENT BLOCK FOUNDATION, 2X4 TREATED WOOD FRAME WALLS, STUCCO, DIRT AND GRAVEL FOUNDATION, GALVANIZED STEEL SINGLE ROOF, CONSISTING OF A BASIC STORAGE ROOM WITH A SEMI-ENCLOSED AREA FOR LAWN EQUIPMENT. PERMIT AFTER THE FACT ***CESD20190014719**

2890 68th ST SW, Naples

Rejected Review: Residential Review
Reviewed By: Toby Hartwell
Phone: Email:Toby.Hartwell@colliercountyfl.gov

Correction Comment 1: Per FBC 107.1 Please provide the Florida State Product Approval with installation instructions or the Miami-Dade Notice of Acceptance with installation instructions for the following products

roofing products

Correction Comment 2: This review shall be considered incomplete pending receipt of the information requested. Subsequent reviews may reveal additional deficiencies

Rejected Review: Zoning Review
Reviewed By: Stefanie Nawrocki
Phone:239-252-2313 Email:Stefanie.Nawrocki@colliercountyfl.gov

Correction Comment 1: Please update the site plan to show the setbacks to the new structure from property lines.

Correction Comment 2: Pursuant to LDC 6.05.03 please submit a Type I Stormwater plan. This plan must demonstrate that stormwater runoff from the impacted area is directed into one or more of the following: 1) an existing surface water management system; 2) a drainage conveyance system, such as swales or underground sewer systems; 3) on-site retention o detention areas (the bottom of retention or detention areas shall be above the wet season water table); or 4) a waterbody downstream of the last control structure. Any associated improvements must meet the design standards of 6.05.03 D.1., and

Attachment: Attachment F - Permit Application PRBD20200103880 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

the plan shall show the location, dimension, and setbacks of the septic system, if applicable.

Rejected Review: FEMA Review
Reviewed By: Andrew O'Rourke
Phone: Email:Andrew.ORourke@colliercountyfl.gov

Correction Comment 1: Miscellaneous Corrections

Please provide the proposed finished floor elevation (in NAVD), if the structure is below flood (i.e.10.5' NAVD) then flood relief vents will be required. CLARITY OF WORK Per Florida Building Code Section 107.2.1

Correction Comment 2: Miscellaneous Corrections

Further FEMA review pending resolution of Zoning correction comments.

Correction Comment 3: Miscellaneous Corrections

This review is based on information provided and shall be considered incomplete pending receipt of the information requested. Subsequent reviews may reveal additional deficiencies.

Rejected Review: Environmental Review
Reviewed By: Michaelle Crowley
Phone:239-252-2972 Email:michaelle.crowley@colliercountyfl.gov

Correction Comment 1: Please submit a Vegetation Removal Affidavit, including the amount of clearing (Acres) that has occurred prior to the current building permit submittal, and any clearing proposed at the property. Only 1 acre of vegetation can be cleared/removed under the Building Permit for the Principal Structure. Additional clearing requires a separate Vegetation Removal Permit.
Affidavit can be found at:
https://www.colliercountyfl.gov/home/showdocument?id=38241

ATTENTION:
Collier County Plan Review and Inspections routinely reviews all outstanding permit applications in order to determine their status. The review process includes appropriate responses from the permit applicant when the permit cannot be approved. When the applicant is advised of deficiencies and does not respond within **180 days** with corrected plans or an appeal to the Code Enforcement Board, the permit application will be canceled as per ***Collier County Ordinance 2002-01, Section, 104.5.1.1 to 104.5.1.4 (as amended).***

Attachment: Attachment F - Permit Application PRBD20200103880 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)

Building Plan Review and Inspection Division
2800 NORTH HORSESHOE DR, NAPLES FL 34104
MAIN: (239)-252-2493

EXPIRED APPLICATION NOTICE

Date: December 31, 2021
Permit Application: PRBD20200103880
Job Description: CEMENT BLOCK FOUNDATION, 2X4 TREATED WOOD FRAME WALLS, STUCCO, DIRT AND GRAVEL FOUNDATION, GALVANIZED STEEL SINGLE ROOF, CONSISTING OF A BASIC STORAGE ROOM WITH A SEMI-ENCLOSED AREA FOR LAWN EQUIPMENT. PERMIT AFTER THE FACT ***CESD20190014719**

2890 68th ST SW, Naples
Job Location: 2890 68th ST SW, Naples, Single Family

The Collier County Building Plan Review and Inspection Division routinely reviews all outstanding permit applications to determine their status. During our most recent review, we have found that the above referenced permit application has not been actively pursued, and it has been over 180 days since any action has been conducted.

Florida Building Code states:

105.3.2 Time limitation of application states:

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Based on the provisions of the Florida Building Code, if no action has been taken by January 30, 2022, your permit will be set to abandoned for lack of progress or abandonment.

Any outstanding applicable fees must be paid for services performed prior to January 30, 2022. It is considered a willful code violation if the permit application is not actively pursued to issued. As such, any permit application status that is abandoned may receive further action through Code Enforcement and/or Contractor Licensing to resolve the permit application to completion.

Contact Building Permit Resolution Services section at BPRS@Colliercountyfl.gov or call 239-252-2493 and reference this letter.

Sincerely,

Collier County Building Plan Review and Inspection Division
Building Permit Resolution Services

Attachment: Attachment F - Permit Application PRBD20200103880 (24725 : PL20200002603 VA 2890 68th Street SW Jaen)