

14418

Columbia County New Building Permit Application

**For Office Use Only** Application # 44457 Date Received 2/13 By mg Permit # 39276  
 Zoning Official LW/CA Date 2-4-20 Flood Zone X Land Use RLO Zoning RSF-2  
 FEMA Map # \_\_\_\_\_ Elevation \_\_\_\_\_ MFE \_\_\_\_\_ River \_\_\_\_\_ Plans Examiner TC Date 2-10-20  
 Comments  
 NOC  EH  Deed or PA  Site Plan  State Road Info  Well letter  911 Sheet  Parent Parcel # \_\_\_\_\_  
 Dev Permit # \_\_\_\_\_  In Floodway  Letter of Auth. from Contractor  F W Comp. letter  
 Owner Builder Disclosure Statement  Land Owner Affidavit  Ellisville Water  App Fee Paid  Sub VF Form

Septic Permit No. 19-0883 OR City Water  Fax \_\_\_\_\_  
 Applicant (Who will sign/pickup the permit) Steve Cronin Phone 386-965-0066  
 Address 1956 SW Main Blvd Lake City, FL. 32025  
 Owners Name Ed Gathercole Phone 904-716-2652  
 911 Address 178 NW Aurburn Pl. Lake City, FL. 32024  
 Contractors Name S P Cronin Enterprises, Inc. Phone 386-965-0066  
 Address 1956 SW Main Blvd Lake City, FL. 32025

Contractor Email steve@spc-ent.com \*\*\*Include to get updates on this job.  
 Fee Simple Owner Name & Address N/A  
 Bonding Co. Name & Address N/A  
 Architect/Engineer Name & Address Florida Engineering LLC. 4161 Tamiami Trail Port Charlotte, FL.33952  
 Mortgage Lenders Name & Address N/A

Circle the correct power company  FL Power & Light  Clay Elec.  Suwannee Valley Elec.  Duke Energy  
 Property ID Number 23-3S-16-02272-015 Estimated Construction Cost 10,500

Subdivision Name Lake Jeffrey Ph 1 Lot 14 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase 1  
 Driving Directions from a Major Road Hwy 90 east to NW lake Jeffery Rd, Turn Right , take a left into Lake Jeffery sub dev  
Make first right and house will be on left.

Construction of Screen Room Commercial OR  Residential  
 Proposed Use/Occupancy Pool Number of Existing Dwellings on Property 2  
 Is the Building Fire Sprinkled? NO If Yes, blueprints included Yea Or Explain \_\_\_\_\_

Circle Proposed  Culvert Permit or  Culvert Waiver or  D.O.T. Permit or  Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 105 Side 82 Side 112 Rear 108  
 Number of Stories 1 Heated Floor Area 0 Total Floor Area 987 Acreage 0

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) \_\_\_\_\_

**Columbia County Building Permit Application**

**CODE: Florida Building Code 2014 and the 2011 National Electrical Code.**

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

**TIME LIMITATIONS OF APPLICATION :** An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

**TIME LIMITATIONS OF PERMITS:** Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

**FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment:** According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

**NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT:** **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

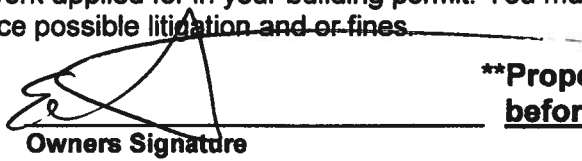
**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY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

**OWNERS CERTIFICATION:** I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

**NOTICE TO OWNER:** There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Ed Gathercole

Print Owners Name

  
Owners Signature

**\*\*Property owners must sign here before any permit will be issued.**

**\*\*If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

**CONTRACTORS AFFIDAVIT:** By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

  
Contractor's Signature

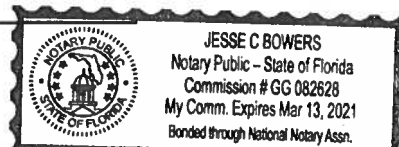
Contractor's License Number CGC046637  
Columbia County  
Competency Card Number 1441

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31 day of January 2020.

Personally known  or Produced Identification

  
State of Florida Notary Signature (For the Contractor)

SEAL:



**Columbia County Property Appraiser**

Jeff Hampton

**2020 Working Values**

updated: 1/6/2020

Parcel: << **23-3S-16-02272-015** >>

**Owner & Property Info**

Result: 1 of 1

Owner	<b>GATHERCOLE EDWARD LEROY &amp; MIKKI SHANNON GATHERCOLE</b> 178 NW AUBURN PL LAKE CITY, FL 320558509		
Site	178 AUBURN PL, LAKE CITY		
Description*	LOT 14 LAKE JEFFERY PHASE 1. 783-131, 796-191, 800-1088, 824-696, DC 1057-843, WD 1237- 441, WD 1393-2620,		
Area	0 AC	S/T/R	23-3S-16
Use Code**	SINGLE FAM (000100)	Tax District	2

\*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.  
 \*\*The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

**Property & Assessment Values**

2019 Certified Values		2020 Working Values	
Mkt Land (1)	\$21,995	Mkt Land (1)	\$21,995
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (1)	\$155,945	Building (1)	\$162,984
XFOB (3)	\$6,581	XFOB (3)	\$6,581
Just	\$184,521	Just	\$191,560
Class	\$0	Class	\$0
Appraised	\$184,521	Appraised	\$191,560
SOH Cap [?]	\$10,029	SOH Cap [?]	\$0
Assessed	\$174,492	Assessed	\$191,560
Exempt	HX H3 \$50,000	Exempt	\$0
Total Taxable	county:\$124,492 city:\$124,492 other:\$124,492 school:\$149,492	Total Taxable	county:\$191,560 city:\$191,560 other:\$191,560 school:\$191,560

Aerial Viewer Pictometry Google Maps



**Sales History**

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
9/6/2019	\$250,000	1393/2620	WD	I	Q	01
6/15/2012	\$175,000	1237/0441	WD	I	Q	01
6/20/1996	\$130,000	824/0696	WD	I	Q	
1/6/1995	\$138,900	800/1088	WD	I	Q	
9/2/1994	\$17,500	796/0191	WD	V	Q	
9/27/1993	\$84,500	783/0131	WD	V	U	35

**Building Characteristics**

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	1	SINGLE FAM (000100)	1995	2254	3228	\$162,984

\*Bldg\_Desc determinations are used by the Property Appraisers office solely for the purpose of determining a property's Just Value for ad valorem tax purposes and should not be used for any other purpose.

**Extra Features & Out Buildings (Codes)**

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	1995	\$4,233.00	1411.000	0 x 0 x 0	(000.00)
0180	FPLC 1STRY	1995	\$2,000.00	1.000	0 x 0 x 0	(000.00)
0120	CLFENCE 4	1995	\$348.00	139.000	0 x 0 x 0	(000.00)

**Land Breakdown**

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000100	SFR (MKT)	1.000 LT - (0.000 AC)	1.00/1.00 1.00/1.00	\$21,995	\$21,995

Search Result: 1 of 1



STATE OF FLORIDA  
 DEPARTMENT OF HEALTH  
 ONSITE SEWAGE TREATMENT AND DISPOSAL  
 SYSTEM  
 APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 19-8883  
 DATE PAID: 2/3/19  
 FEE PAID: 200.00  
 RECEIPT #: 455591

APPLICATION FOR:

- New System     Existing System     Holding Tank     Innovative  
 Repair     Abandonment     Temporary

APPLICANT: Edward + Mikki Gathercole

AGENT: \_\_\_\_\_ TELEPHONE: 904-716-2652

MAILING ADDRESS: 178 NW Auburn Pl. Lake City, FL 32055

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 14 BLOCK: \_\_\_\_\_ SUBDIVISION: Lake Jeffery Phase 1 PLATTED: 1983

PROPERTY ID #: 23-35-16-02272-015 ZONING: \_\_\_\_\_ I/M OR EQUIVALENT:  Y /  N

PROPERTY SIZE: 1.34 ACRES WATER SUPPLY:  PRIVATE PUBLIC  <=2000GPD  >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS?  Y  N ] DISTANCE TO SEWER: \_\_\_\_\_ FT

PROPERTY ADDRESS: 178 NW Auburn Pl. Lake City, FL 32055

DIRECTIONS TO PROPERTY: North on Bascom Norris, turn west on Lake Jeffery turn South on Old Mill Rd., turn west on NW Auburn Pl., first house on the left.

BUILDING INFORMATION

RESIDENTIAL     COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>Pool</u>	<u>0</u>		ORIGINAL ATTACHED
2	<u>Garage</u>	<u>0</u>	<u>1200sqft</u>	
3				
4				

Floor/Equipment Drains     Other (Specify) \_\_\_\_\_

SIGNATURE: [Signature] DATE: 12-3-19

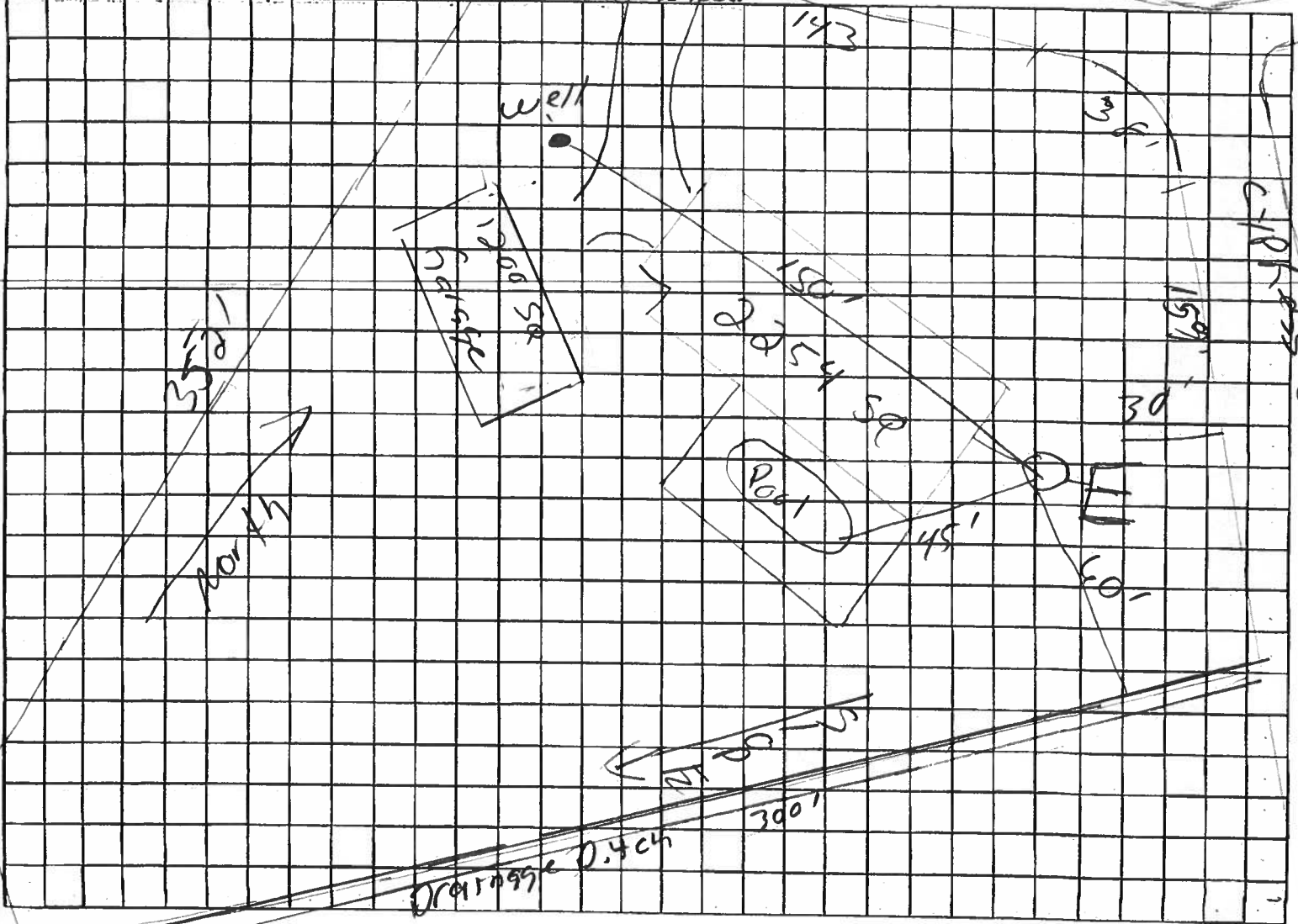
STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 19-0882

N.W. Auburn PL

PART II - SITEPLAN

Scale: Each block represents 10 feet and 1 inch = 40 feet.



Notes:

Site Plan submitted by: Ed Kathercole TITLE \_\_\_\_\_ DATE: 12-3-19  
Plan Approved [Signature] Not Approved \_\_\_\_\_ Date 12/5/19  
By [Signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

23-3S-16-02272-015

Clerk's Office Stamp

Inst: 202012002642 Date: 02/03/2020 Time: 10:01AM
Page 1 of 1 B: 1404 P: 2090, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): LOT 14 LAKE JEFFERY PHASE 1. 783-131, 796-181, 800-1088, 824-696, DC 1057-843, WD 1237- 441, WD 1393-2620.

a) Street (job) Address: 178 NW AUBURN PL LAKE CITY, FL 32055

2. General description of improvements: Install Fiberglass swimming pool and screen roo.

3. Owner Information or Lessee information if the Lessee contracted for the improvements:

a) Name and address: Ed Gathercole 178 NW AUBURN PL LAKE CITY, FL 32055

b) Name and address of fee simple titleholder (if other than owner) N/A

c) Interest in property Owner

4. Contractor Information

a) Name and address: My Favorite Pool Builder, Inc. / S P Cronin Enterprises, Inc. 1956 SW Main Blvd. Lake City, FL, 32025

b) Telephone No.: 388-269-3304 X700

5. Surety Information (If applicable, a copy of the payment bond is attached):

a) Name and address: N/A

b) Amount of Bond: N/A

c) Telephone No.: N/A

6. Lender

a) Name and address: N/A

b) Phone No.

7. Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:

a) Name and address: Steve Cronin 1956 SW Main Blvd. Lake City, FL. 32025

b) Telephone No.: 388-269-3304 x700

8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:

a) Name: OF

b) Telephone No.:

9. Expiration date of Notice of Commencement (the expiration date will be 1 year from the date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. [Signature]
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

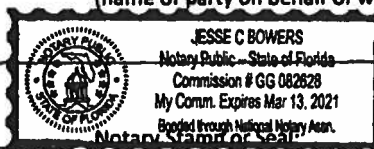
Steven P Cronin
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 31 day of January, 20 20, by:

Steven P Cronin as Agent for Ed Gathercole
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known X OR Produced Identification Type

Notary Signature



# S. P. Cronin Enterprises Inc.

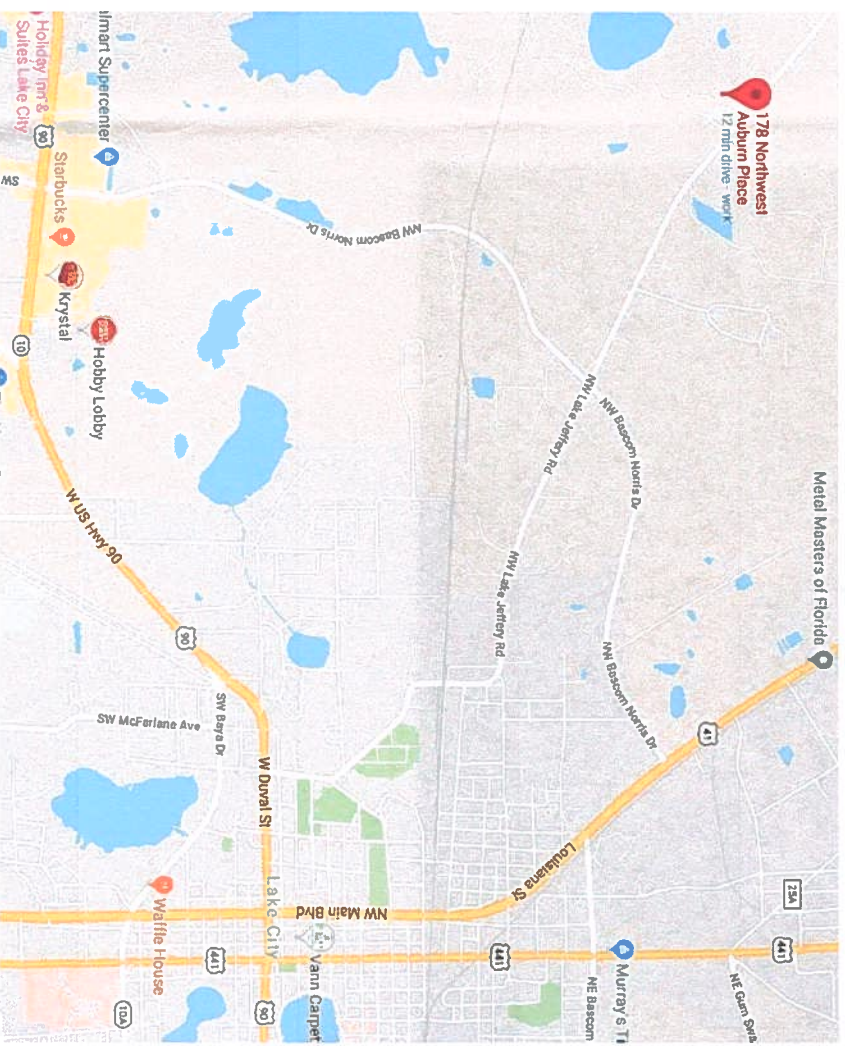
Fl. State Lic. CGC 046367

1956 SW Main Blvd. Lake City, FL. 32025  
 386-269-3305 Office  
 386-965-0066 Cell  
 800-286-7929 Toll / Fax

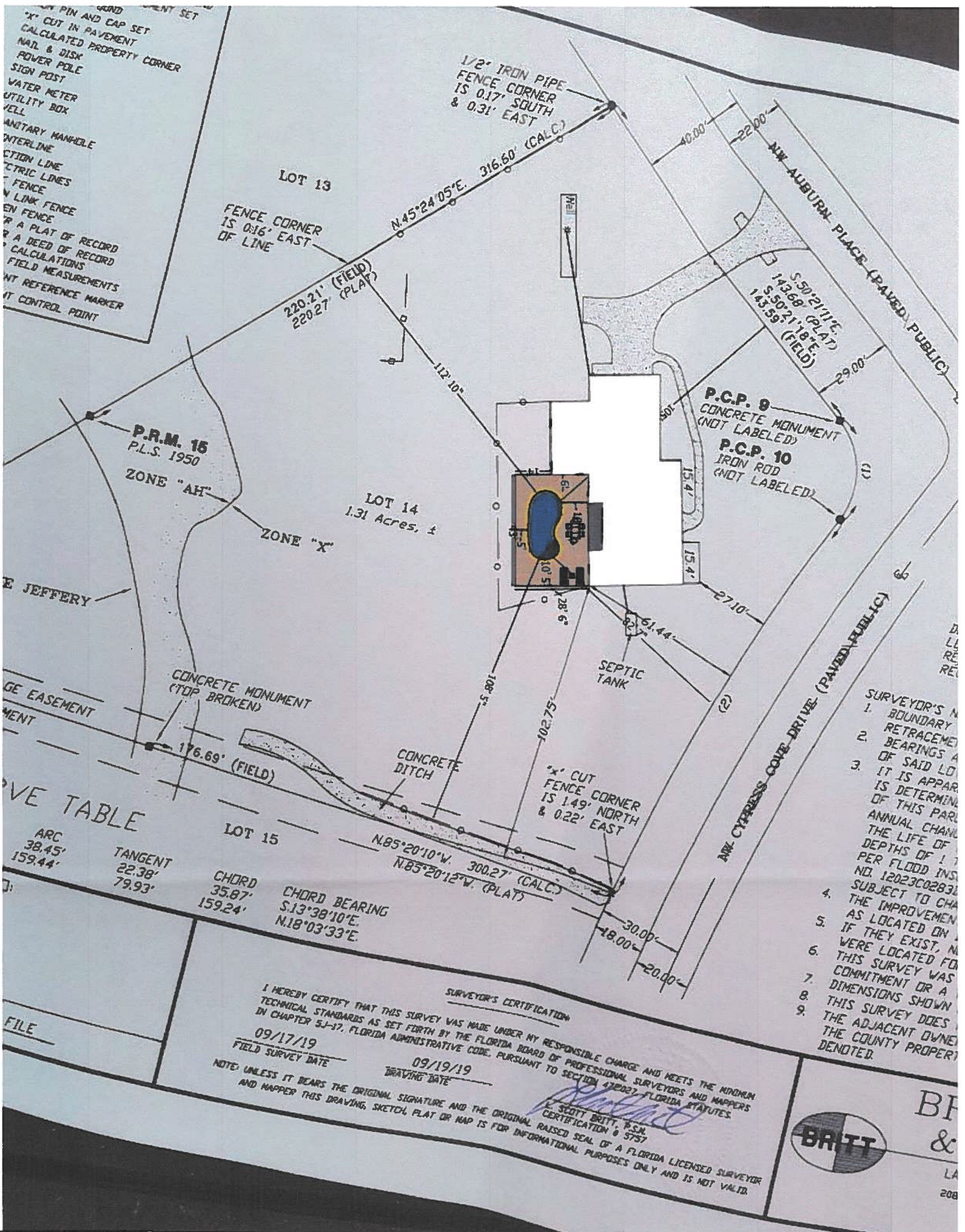
Project Specification For:  
 Edward & Mikki Gathercole  
 178 NW Aurburn Pl.  
 Lake City, FL. 32024  
 904-716-2652

Page 1	Title Page
Page 2	3D Renderings
Page 3	Site Plan
Page	
Page	
Page	

**Engineers Speciation's are attached to back of plans**



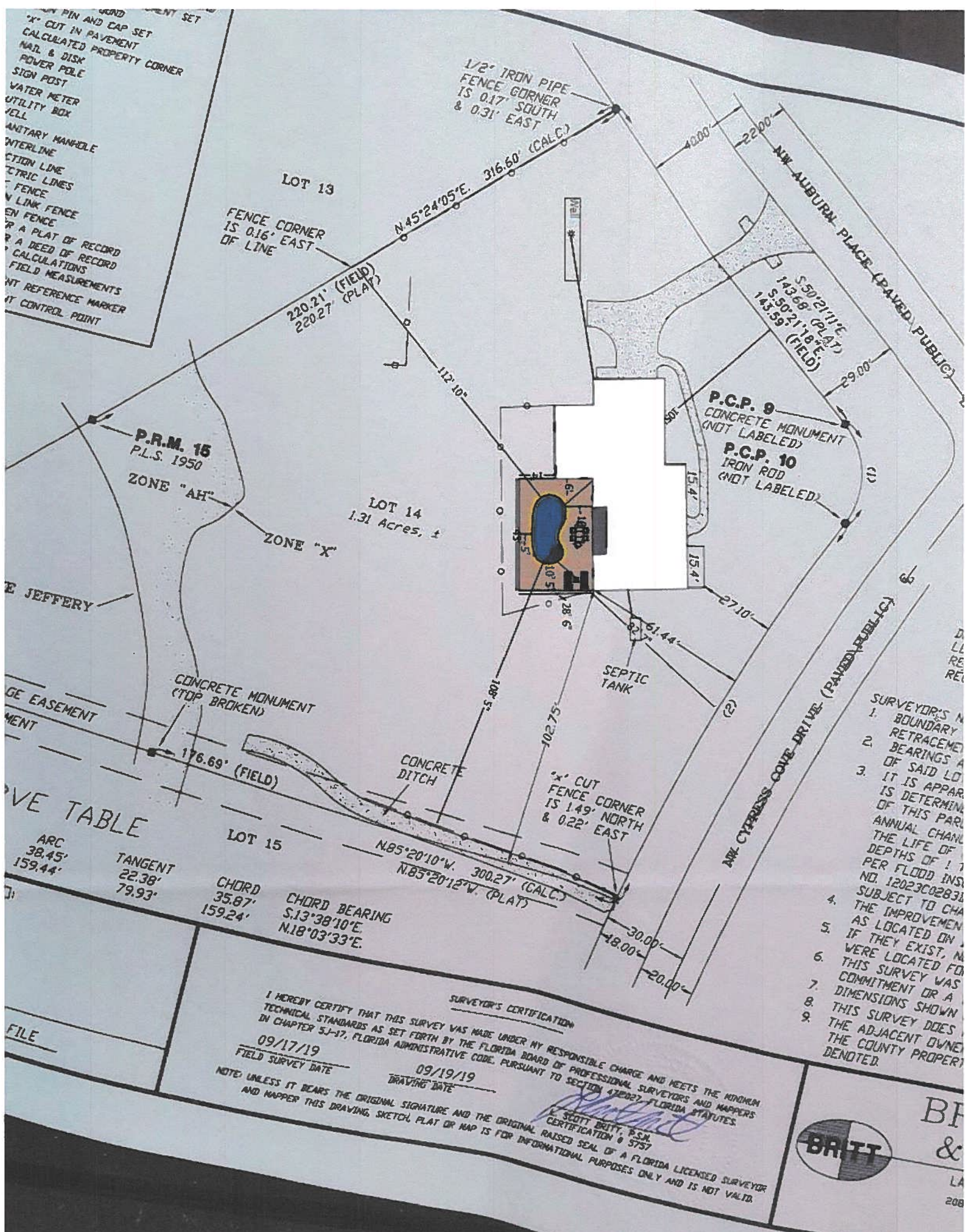
PLAN EXPIRES 1 YEAR FROM THE SIGNATURE DATE OR THE EFFECTIVE DATE OF A MAJOR FLORIDA BUILDING CODE CHANGE WHICHEVER IS SOONER  <b>2/1/2020</b>	S P Cronin Enterprises, Inc. 1956 SW Main Blvd. Lake City, FL. 32025 (386) 269-3305 OF (386) 965-0066 Cell CGC046637
Project Specification For: Edward & Mikki Gathercole 178 NW Aurburn Pl. Lake City, FL. 32024 904-716-2652	Sale None Rev None Page 1 of 3



PLAN EXPIRES 1 YEAR FROM THE SIGNATURE DATE OR THE EFFECTIVE DATE OF A MAJOR FLORIDA BUILDING CODE CHANGE WHICHEVER IS SOONER  
 2/1/2020

S P Cronin Enterprises, Inc.  
 1956 SW Main Blvd.  
 Lake City, FL 32025  
 (386) 269-3305 OF  
 (386) 965-0066 Cell  
 CGC046637

Project Specification For:  
 Edward & Mikki Gathercole  
 178 NW Auburn Pl.  
 Lake City, FL 32024  
 904-716-2652



- SURVEYOR'S NOTES
1. BOUNDARY
  2. RETRACEMENT BEARINGS AND DIMENSIONS OF SAID LOT
  3. IT IS APPARENTLY THAT THIS PART OF THIS PARCEL IS DETERMINED BY ANNUAL CHANGES IN THE LIFE OF THE DEPTHS OF 1 TO 7 PER FLOOD INSURANCE NO. 12023002830 SUBJECT TO CHANGE
  4. THE IMPROVEMENTS AS LOCATED ON THIS SURVEY WERE LOCATED FOR THIS SURVEY WAS COMMITMENT OR A DIMENSIONS SHOWN
  5. THIS SURVEY DOES NOT SHOW THE ADJACENT OWNERS OF THE COUNTY PROPERTY DENOTED.

PLAN EXPIRES 1 YEAR FROM THE SIGNATURE DATE OR THE EFFECTIVE DATE OF A MAJOR FLORIDA BUILDING CODE CHANGE WHICHEVER IS SOONER

2/1/2020

S P Cronin Enterprises, Inc.  
1956 SW Main Blvd.  
Lake City, FL 32025  
(386) 269-3305 OF  
(386) 965-0066 Cell  
CGC046637

Project Specification For:  
Edward & Mikki Gathercole  
178 NW Auburn Pl.  
Lake City, FL 32024  
904-716-2652

Sale None Rev None  
Page 3 of 3

DESIGN CRITERIA:

- APPLICABLE CODES, REGULATIONS & STANDARDS
1. THE 2017 FLORIDA BUILDING CODE, SPECIFICALLY CHAPTER 16 - STRUCTURAL DESIGN, CHAPTER 20 ALUMINUM & CH. 23 WOOD.
  2. AA ASM 35 & SPECIFICATIONS FOR ALUMINUM STRUCTURES, PART 1-A OF THE ALUMINUM DESIGN MANUAL, PREPARED BY THE ALUMINUM ASSOCIATION, INC. WASHINGTON D.C. 2005 ED.
  3. ASCE 7-10 & SEI7
  4. NDS NATIONAL DESIGN SPECIFICATION FOR WOOD.
  5. ACI318 CONCRETE REFERENCE MANUAL.

- WIND LOADS
1. BUILDING OCCUPANCY CATEGORY, PARAGRAPH 1604.5 & TABLE 1604.5: RISK CATEGORY 1.
  2. BASIC WIND SPEED, TABLE 1609C, STATE OF FLORIDA DEBRIS REGION & BASIC WIND SPEED, PARAGRAPH 1609.3.1 & TABLE 1609.3.1 EQUIVALENT BASIC WIND SPEED:
  3. WIND LOADS PER FBC TABLE 2002.4 (MWFS):  
VULT = 110 MPH & EXPOSURE = C

FOR 20 X 20 X 0.013" MESH SCREEN  
HORIZONTAL PRESSURES ON WINDWARD SURFACES = 24 PSF  
HORIZONTAL PRESSURES ON LEeward SURFACES = 18 PSF  
VERTICAL PRESSURES ON SCREEN SURFACES = 7 PSF  
VERTICAL PRESSURES ON SOLID SURFACES = 19 PSF

FOR 18 X 14 X 0.013" MESH SCREEN, APPLIED FACTOR = .88  
FOR ALLOWABLE STRESS DESIGN, APPLIED FACTOR = .6

FOUNDATION DESIGN  
FOOTING SIZE EXISTING CONCRETE SLAB, NO ADDITIONAL FOOTING OR FOUNDATION SYSTEM IS REQUIRED BY THE PROPOSED CONSTRUCTION IF A MINIMUM 4" CONCRETE SLAB IS PROVIDED IN SOUND CONDITION, FREE FROM STRUCTURAL CRACKING, SPALLING & OTHER DETERIORATION.

SPECIFICATIONS

- THE FOLLOWING SPECIFICATIONS ARE APPLICABLE TO THIS PROJECT:
1. WHERE CONCRETE SPECIFICATIONS ARE REQUIRED, WHETHER IN THE SCREEN ENCLOSURE SCOPE OF NOT, BY ONE OR MORE REGULATORY AGENCY, THE FOLLOWING SPECIFICATIONS ARE APPLICABLE:
    - a. CONCRETE SHALL CONFORM TO ASTM C94 FOR THE FOLLOWING COMPONENTS:
      - i. PORTLAND CEMENT TYPE 1 - ASTM C 150
      - ii. AGGREGATES - LARGE AGGREGATE 3/4 MAX. - ASTM C 33
      - iii. AIR ENTRAINING +/- 1% - ASTM C 260
      - iv. WATER REDUCING AGENT - ASTM C 494
      - v. CLEAN PORTABLE WATER
      - vi. OTHER ADMIXTURES NOT PERMITTED
    - b. METAL ACCESSORIES SHALL CONFORM TO:
      - i. REINFORCING BARS - ASTM A615, GRADE 60
      - ii. WELDED WIRE FABRIC - ASTM A185
    - c. CONCRETE SLUMP AT DISCHARGE CHUTE NOT LESS THAN 3" OR MORE THAN 5". WATER ADDED AFTER BATCHING IS NOT PERMITTED.
    - d. PREPARE & PLACE CONCRETE PER AMERICAN CONCRETE INSTITUTE MANUAL OF STANDARD PRACTICE, PART 1, 2, & 3 INCLUDING HOT WEATHER RECOMMENDATIONS.
    - e. MOST CURE OR POLYETHYLENE CURING PERMITTED.
    - f. PRIOR TO PLACING CONCRETE, TREAT THE ENTIRE SUBSURFACE ARE FOR TERMITES IN COMPLIANCE WITH THE FBC.
    - g. CONCRETE SHALL BE PLACED OVER A POLYETHYLENE VAPOR BARRIER.
    2. WHEN PAVERS ARE UNDER ALUMINUM MEMBERS, CONTRACTOR SHALL EPOXY TO DECK OR GROUT TO DECK w/3000 PSI GROUT WITH BONDING AGENT
    3. WHEN APPLICABLE FOR NEW SLAB ADDITION TO ADJACENT DRILL & EPOXY #5 X 8" REBAR INTO EX. FOUNDATION WITH 1" MIN. HOLE, EMBED 4" MIN W/ NON-SHRINKING SIMPSON EPOXY-TIE (OR EQUAL) 48" O.C. TYP. ALL LOCATIONS
    4. WHEN APPLICABLE FOR NEW FOOTER TO EXISTING, DRILL & EPOXY NEW STEEL INTO EX. FOUNDATION WITH 1" MIN. HOLE, EMBED 6" MIN W/ NON-SHRINKING SIMPSON EPOXY-TIE (OR EQUAL) TYP. ALL LOCATIONS
    5. MINIMUM CONCRETE STRENGTH 3000 PSI UNLESS OTHERWISE NOTED.

ALUMINUM SPECIFICATIONS

1. ALUMINUM EXTRUSIONS SHALL BE 6005 T5 ALLOY UNLESS OTHERWISE NOTED.
2. ALL SELF MATING BEAM SECTIONS ARE TO BE STITCHED WITH #12 SCREWS 6" FROM ENDS & 24" CENTER TO CENTER.
3. ROOF BRACING SHALL BE A MINIMUM 2"x2"x.050".
4. THE MINIMUM NORMAL THICKNESS OF PROTECTOR PANELS (KICKPLATES) SHALL BE AN INDUSTRY STANDARD OF 0.024 INCHES.
5. VINYL AND ACRYLIC PANELS SHALL BE REMOVED WHEN WIND SPEEDS EXCEED 75 MPH PER FBC.
6. SCREEN MATERIAL SHALL BE 18/14 SCREEN UNLESS APPROVED BY FLORIDA ENGINEERING LLC.
5. 1"x2" & 1"x3" NON STRUCTURAL MEMBERS MAY BE USED INTERCHANGEABLY.

FASTENER SPECIFICATIONS

1. FASTENERS ARE REQUIRED TO BE SAE GRADE 2 OR BETTER ZINC PLATED. (CONCRETE ANCHORS ARE TO BE TAPCONS OR BETTER, INSTALLED TO MFG. SPECIFICATIONS)
2. IT IS THE OWNERS RESPONSIBILITY TO MAINTAIN THE SCREENS, FASTENERS AND SCREENS TO MANUFACTURING SPECIFICATIONS.
3. WHERE WOOD DECK IS PRESENT USE 1/4" X 3-1/2" GALV. LAG SCREWS IN LIEU OF MASONRY ANCHORS, UNLESS OTHERWISE SPECIFIED.
4. 1"x2" NON STRUCTURAL MEMBERS ATTACHED TO HOST
  - A. FOR MASONRY/CONCRETE APPLICATION USE GALVANIZED 1/4" X 2-3/4" TAPCONS OR EQUAL AT 24" O.C. AND 6" FROM ENDS
  - B. FOR WOOD APPLICATION USE #14 X 2-3/4" WOOD SCREW AT 24" O.C. AND 6" FROM ENDS.
  - C. FOR ALUMINUM APPLICATION USE #10 X 1-1/2" SMS OR TEK SCREW AT 24" O.C. AND 6" FROM ENDS
  - D. WHERE 1"x2" INSTALLED THROUGHOUT AN "OPEN VIEW" SPACING SHALL BE REDUCED TO 18" O.C. AND 6" FROM ENDS

MASONRY SPECIFICATIONS

1. CONCRETE MASONRY UNITS (CMU) SHALL BE STANDARD HOLLOW UNITS AND SHALL BE 1900 PSI MINIMUM BASED ON TYPE M OR S MORTAR.
2. ALL MORTAR SHALL BE TYPE M OR S.
3. ALL GROUT SHALL BE 2000 PSI MINIMUM AND HAVE MAXIMUM COARSE AGGREGATE SIZE OF 3/8"
4. PROVIDE CLEAN-OUTS FOR REINFORCED CELLS CONTAINING REINFORCEMENT WHEN GROUT POUR EXCEEDS 5'-0" IN HEIGHT.

MISCELLANEOUS

1. SCREENED ENCLOSURES CONTAINING SWIMMING POOLS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF FBC R4501.17 RESIDENTIAL SWIMMING BARRIER REQUIREMENTS.
2. ALUMINUM ADDITIONS ARE NOT TO BE INSTALLED ON A MANUFACTURED HOME, TRAILER HOME, OR PRE-FAB HOME. IF THE EXISTING STRUCTURE IS ONE OF THESE, A SEPARATE ATH WALL SUPPORT SYSTEM IS SO TO BE ENGINEERED SO THAT NO ADDITIONAL LOADING IS PLACED ON THE MANUFACTURED HOME.
3. DOOR LOCATION MAY BE RELOCATED BY CONTRACTOR IN THE FIELD.
4. WHERE PAVERS ARE UNDER ALUMINUM MEMBERS, CONTRACTOR SHALL EPOXY TO DECK OR GROUT TO DECK w/3000 PSI GROUT WITH BONDING AGENT.
5. INTEGRITY OF EXISTING/HOST STRUCTURE SHALL NOT BE COMPROMISED WITH THE ATTACHMENT OF THE PROPOSED STRUCTURE.
6. ALL 2X4 & GREATER ARE TO BE 2 x 4 SMB: 2"x4"x0.044"x0.100" UNLESS OTHERWISE INDICATED.

RESPONSIBILITIES

1. ALL SITE WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES, LOCAL ORDINANCES, AND THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES.
2. FOR FASTENERS WHICH ARE NOT VISIBLE AFTER INSTALLATION, THE CONTRACTOR SHALL VERIFY AND ENSURE INSTALLATION HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND IN ACCORDANCE WITH THE ATTACHED DETAILS.
3. FOR "PICTURE WINDOW" MODIFICATION TO EXISTING SCREEN ENCLOSURES, ALL OTHER EXISTING SCREEN ENCLOSURE FEATURES ARE TO MEET THE TYPICAL DETAILS AS PROVIDED IN THESE DETAILS. CONTRACTOR IS TO VERIFY & ASSURE EXISTING SCREEN ENCLOSURE IS STRUCTURALLY SOUND.

ALUMINUM MEMBERS DIMENSIONS

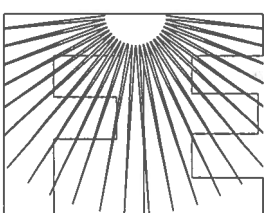
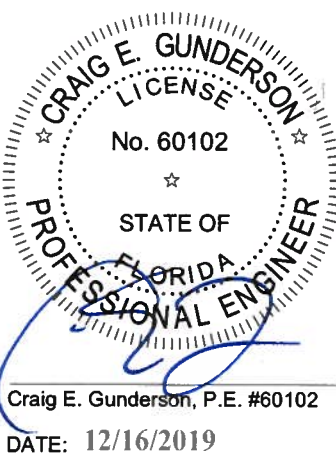
HOLLOW SECTIONS  
2 x 2: 2"x2"x0.044"  
2 x 3: 2"x3"x0.050"  
2 x 4: 2"x4"x0.050"  
2 x 5: 2"x5"x0.050"

OPEN BACK SECTIONS  
1 x 2: 1"x2"x0.044"  
1 x 3: 1"x3"x0.045"

SNAP SECTIONS  
2 x 2 SNAP: 2"x2"x0.045"  
2 x 3 SNAP: 2"x3"x0.050"  
2 x 4 SNAP: 2"x4"x0.045"

SELF MATING (SMB)  
2 x 4 SMB: 2"x4"x0.044"x0.100"  
2 x 5 SMB: 2"x5"x0.050"x0.100"  
2 x 6 SMB: 2"x6"x0.050"x0.120"  
2 x 7 SMB: 2"x7"x0.057"x0.120"  
2 x 8 SMB: 2"x8"x0.072"x0.124"  
2 x 9 SMB: 2"x9"x0.082"x0.124"  
2 x 10 SMB: 2"x10"x0.092"x0.398"

DETAIL A



**FLORIDA ENGINEERING LLC**  
4161 TAMiami TRAIL, UNIT 101  
PORT CHARLOTTE, FLORIDA 33952  
(941) 391-5980  
www.flengineeringllc.com

PROJECT NO. 1934515

CA CERT. #30782

Craig E. Gunderson, P.E. #60102  
DATE: 12/16/2019

CONTRACTOR:  
**TOM COBURN**

PROJECT ADDRESS:  
**GATHERCOLE  
178 NW AUBURN PL  
LAKE CITY, FL**

DESIGN DATE: 12/13/2019

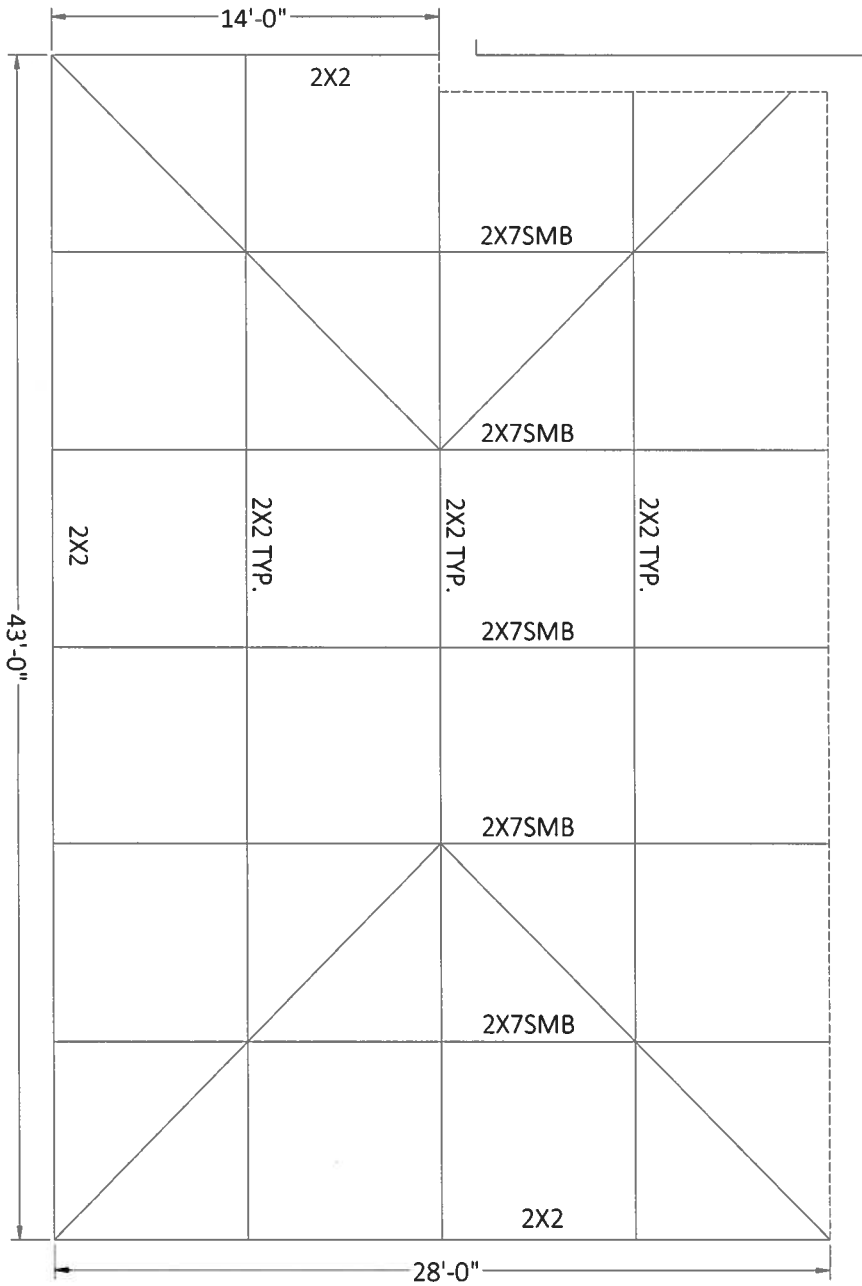
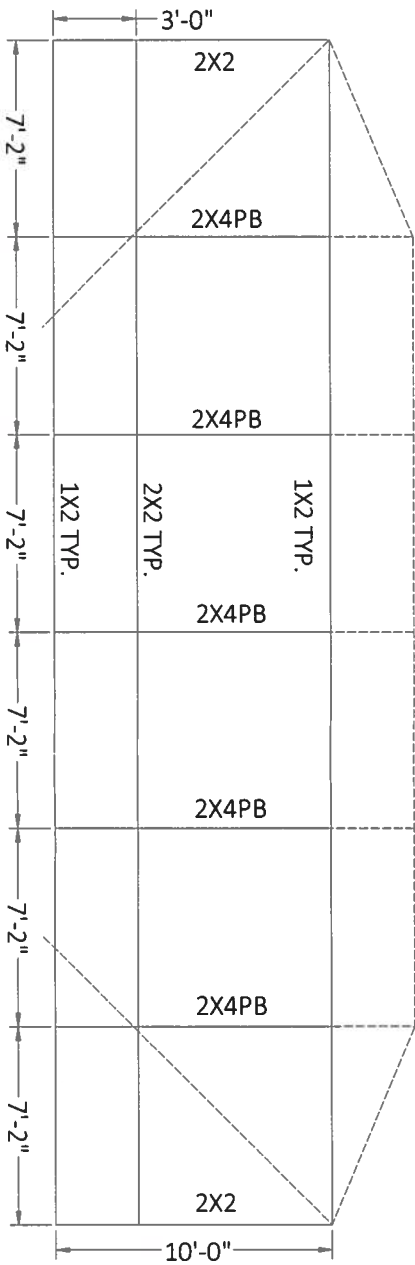
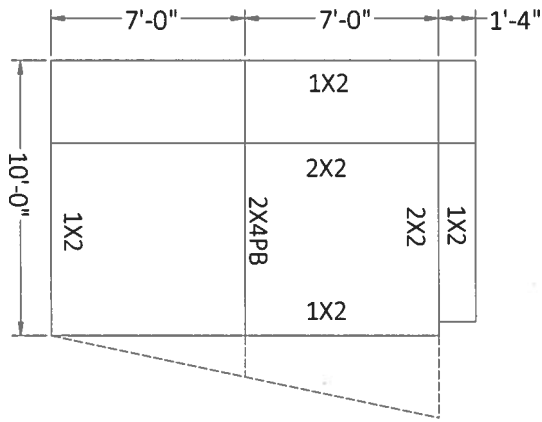
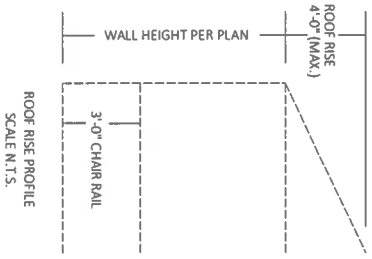
REVISION 1: DATE

REVISION 2: DATE

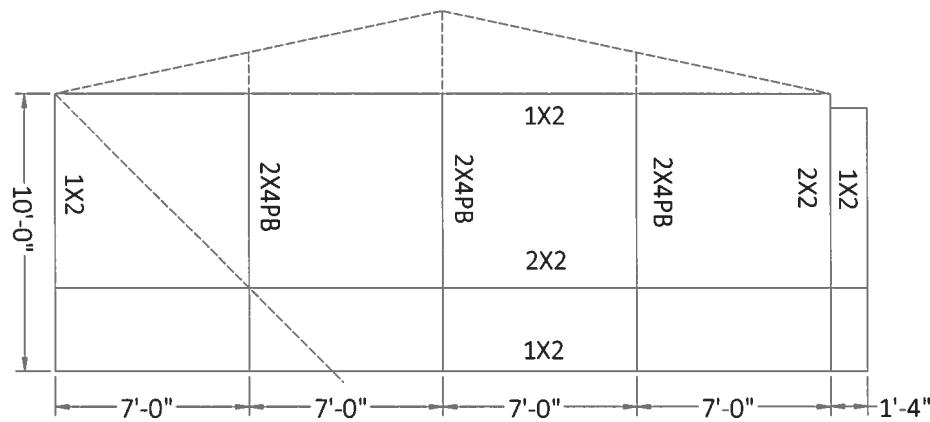
DRAWN BY: KMM

SCALE: NTS

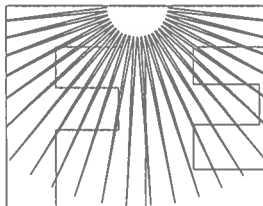
PAGE: 1

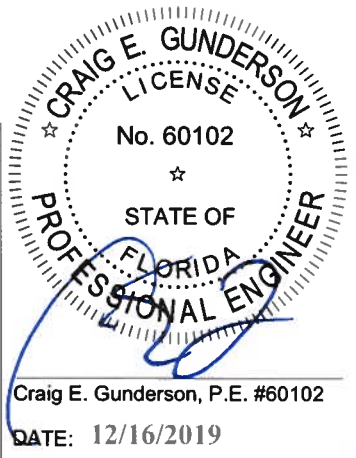


HOST 16" O/H STRUC. GUTTER



2X2X.050 DIAG. BRACE TYP.  
 DOOR LOCATION TO BE DETERMINED  
 BY CONTRACTOR IN THE FIELD.  
 (NOT TO EFFECT DESIGN SPANS &  
 STRUCTURAL MEMBERS SHOWN)

CONTRACTOR: <b>TOM COBURN</b>	 <b>FLORIDA ENGINEERING LLC</b> 4161 TAMiami TRAIL, UNIT 101 PORT CHARLOTTE, FLORIDA 33952 (941) 391-5980 www.flengineeringllc.com
PROJECT ADDRESS: <b>GATHERCOLE 178 NW AUBURN PL LAKE CITY, FL</b>	
DESIGN DATE: 12/13/2019	PROJECT NO. 1934515
REVISION 1: DATE	CA CERT. #30782
REVISION 2: DATE	DATE: 12/16/2019
DRAWN BY: KMM	
SCALE: NTS	
PAGE: <b>2</b>	

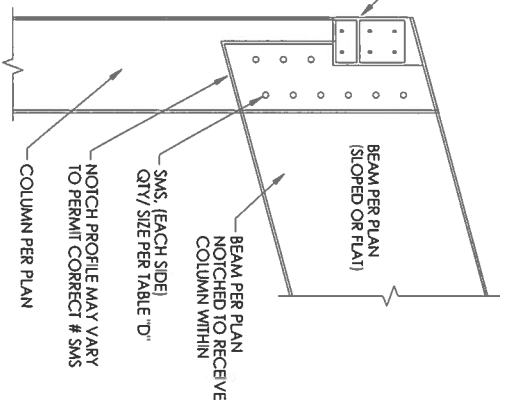


1"x2" FASTEN TO COL. (INTERNAL)  
w/ (2) #10x1-1/2 SMS. FASTEN TO  
EAVE RAILS ABOVE w/ #10-1-1/2 SMS  
2" O.C. AND 6" WITHIN COL.

TABLE "D"

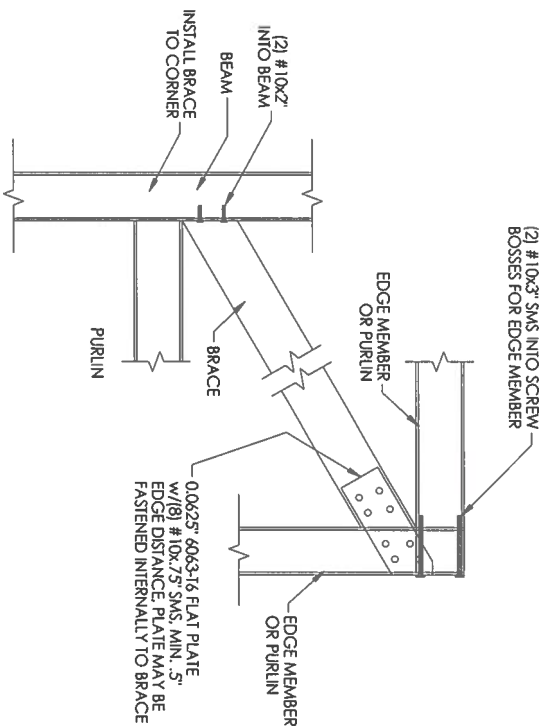
BEAM	QTY/ SIZE EACH SIDE
2 x 3	(6) / #10
2 x 4	(8) / #10
2 x 5	(8) / #10
2 x 6	(9) / #10
2 x 7	(11) / #10
2 x 8	(12) / #12
2 x 9	(14) / #12
2 x 10	(14) / #12

MAINTAIN MIN. OF 5/8" SEPARATION  
FROM EDGE OF BEAM SMS O.C.

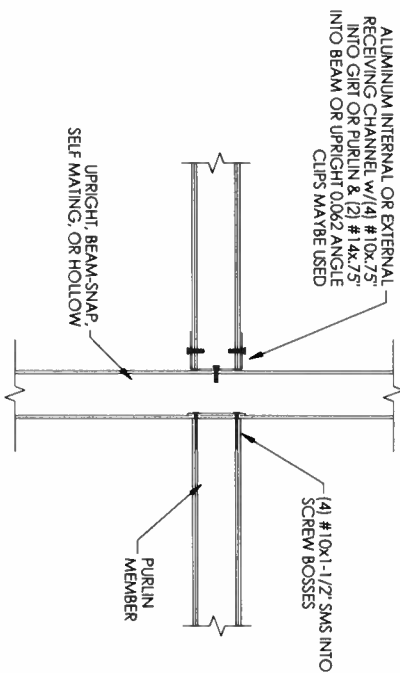


DETAIL E - UPRIGHT TO BEAM  
CONNECTION SCALE: NTS

DETAIL "D" - ROOF BRACING CONNECTION  
SCALE: NTS

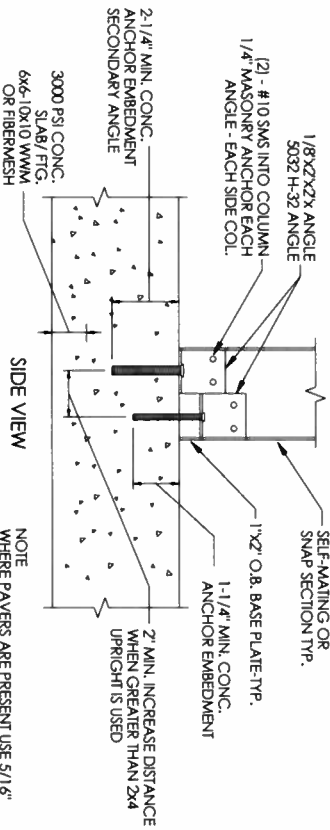


DETAIL "C" - GIRT OR PURLIN TO BEAM  
OR POST DETAIL SCALE: NTS

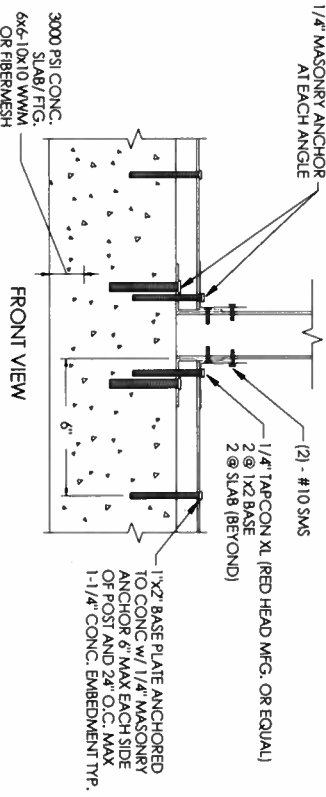


MINIMUM NUMBER OF TAPCONS INTO CONCRETE &  
# 12 X 3/4 SMS. INTO UPRIGHT / EACH SIDE OF BEAM  
THROUGH SECONDARY 2" X 2" X 0.125" ANGLES  
(SEE BELOW)

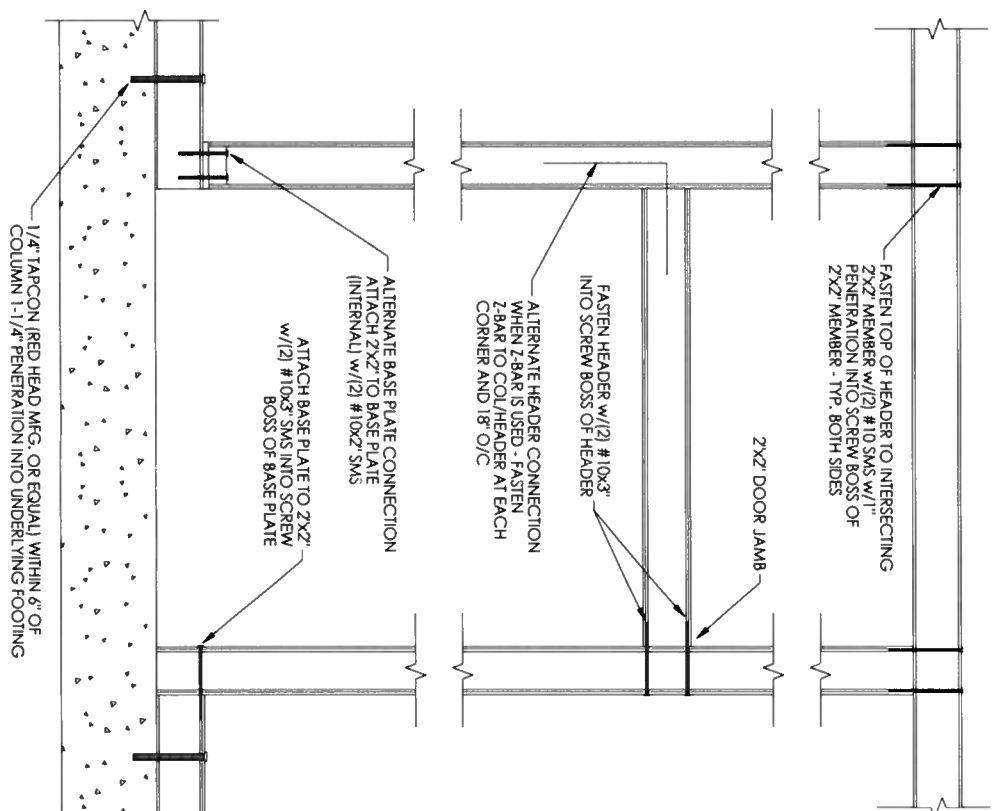
2X4 S.M.B. (1) 1/4" X 2-1/4" S.S. TAPCON & (2) # 10 X 3/4" S.M.S.  
2X5 S.M.B. (1) 1/4" X 2-1/4" S.S. TAPCON & (2) # 10 X 3/4" S.M.S.  
2X6 S.M.B. (2) 1/4" X 2-1/4" S.S. TAPCON & (3) # 10 X 3/4" S.M.S.  
2X7 S.M.B. (2) 1/4" X 2-1/4" S.S. TAPCON & (4) # 10 X 3/4" S.M.S.  
2X8 S.M.B. (3) 1/4" X 2-1/4" S.S. TAPCON & (5) # 10 X 3/4" S.M.S.  
2X9 S.M.B. (4) 1/4" X 2-1/4" S.S. TAPCON & (6) # 10 X 3/4" S.M.S.  
2X10 S.M.B. (5) 1/4" X 2-1/4" S.S. TAPCON & (7) # 10 X 3/4" S.M.S.



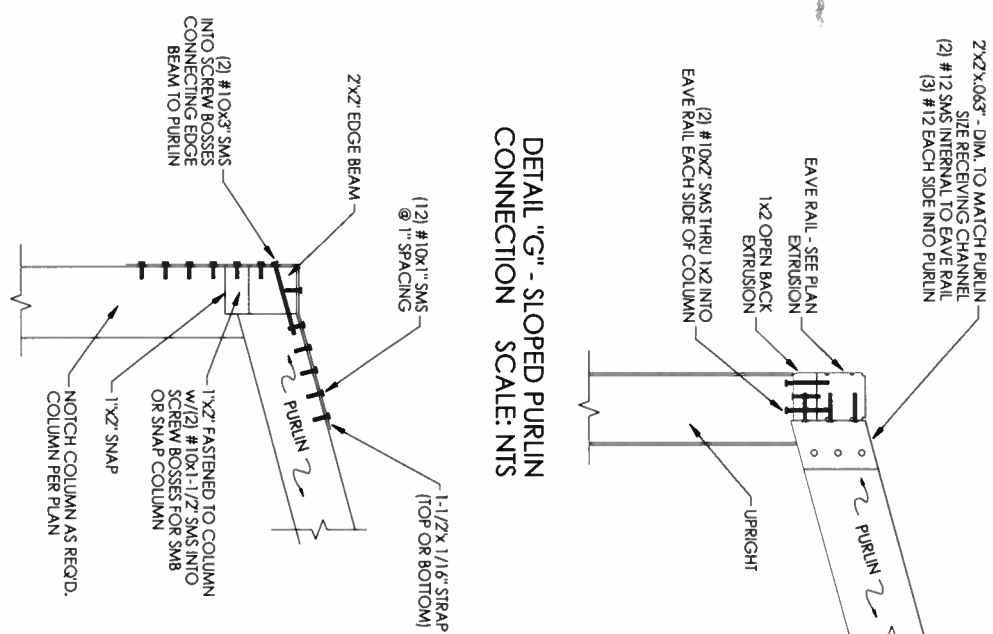
DETAIL "B" - 2"x4" OR LARGER SELF-MATING  
UPRIGHT TO DECK DETAILS SCALE: NTS



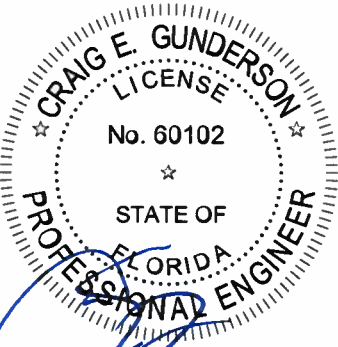
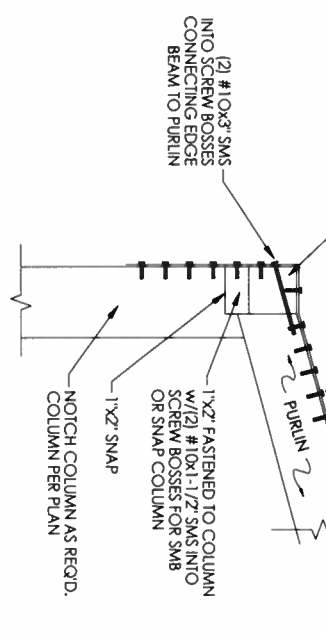
DETAIL "F" - DOOR JAMB & HEADER  
CONNECTION SCALE: NTS



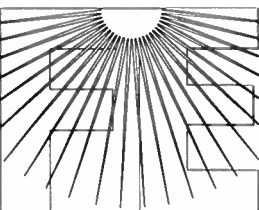
DETAIL "G" - SLOPED PURLIN  
CONNECTION SCALE: NTS



ALTERNATE DETAIL "G" - SLOPED  
PURLIN CONNECTION SCALE: NTS



Craig E. Gunderson, P.E. #60102  
DATE: 12/16/2019



**FLORIDA ENGINEERING LLC**  
4161 TAMiami TRAIL, UNIT 101  
PORT CHARLOTTE, FLORIDA 33952  
(941) 391-5980  
www.flengineeringllc.com

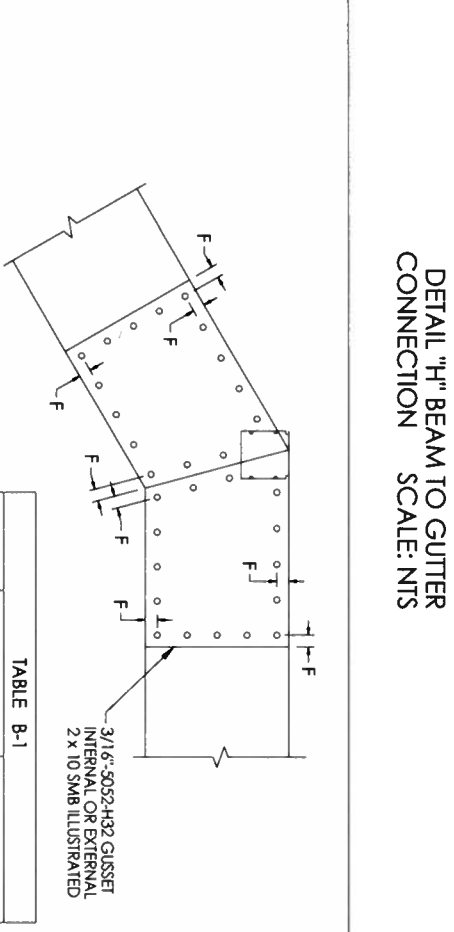
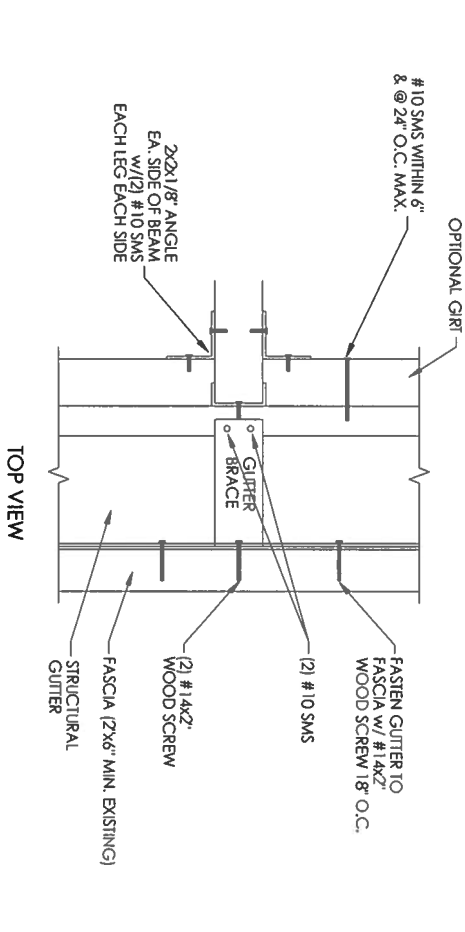
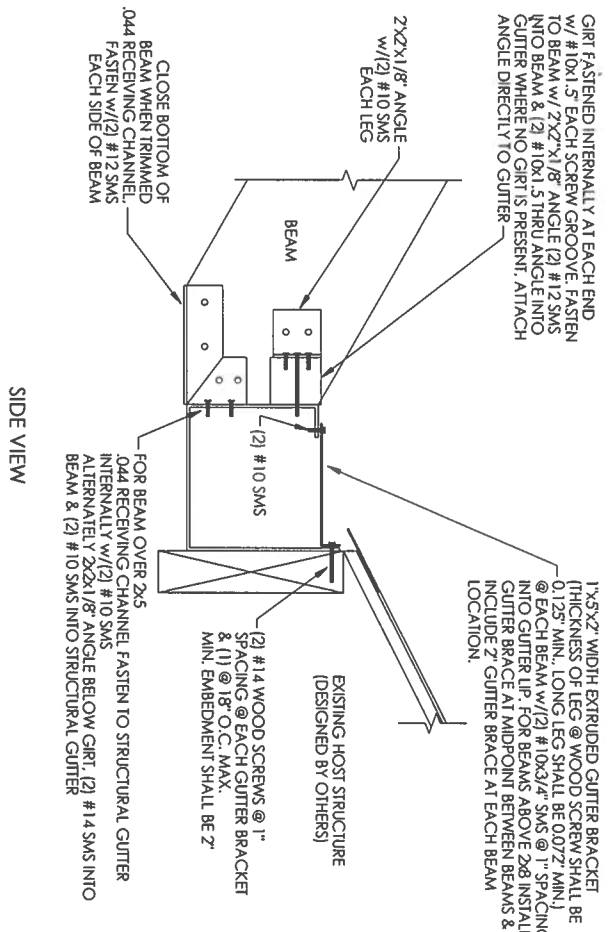
PROJECT NO. 1934515

CA CERT. #30782

CONTRACTOR:  
**TOM COBURN**

PROJECT ADDRESS:  
**GATHERCOLE  
178 NW AUBURN PL  
LAKE CITY, FL**

DESIGN DATE:	12/13/2019
REVISION 1:	DATE
REVISION 2:	DATE
DRAWN BY:	KMM
SCALE:	NTS
PAGE:	<b>3</b>

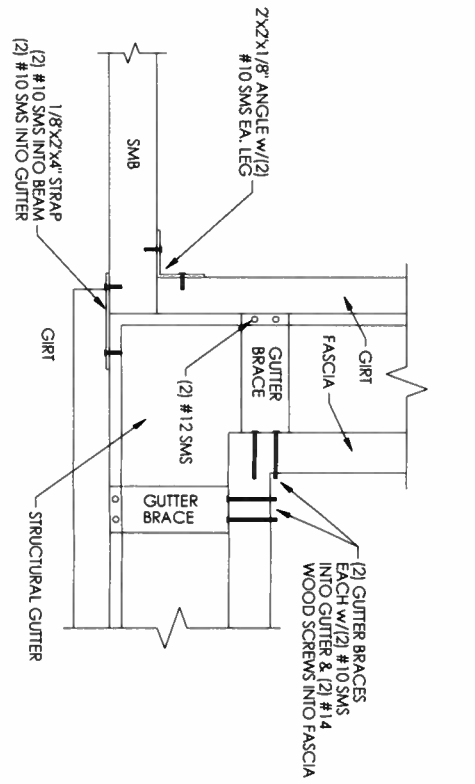
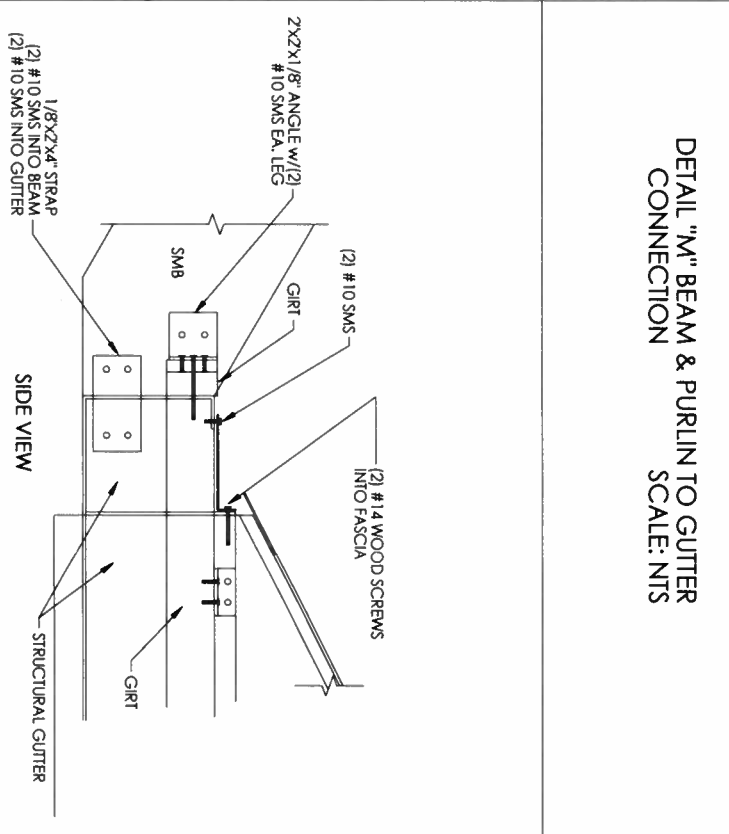
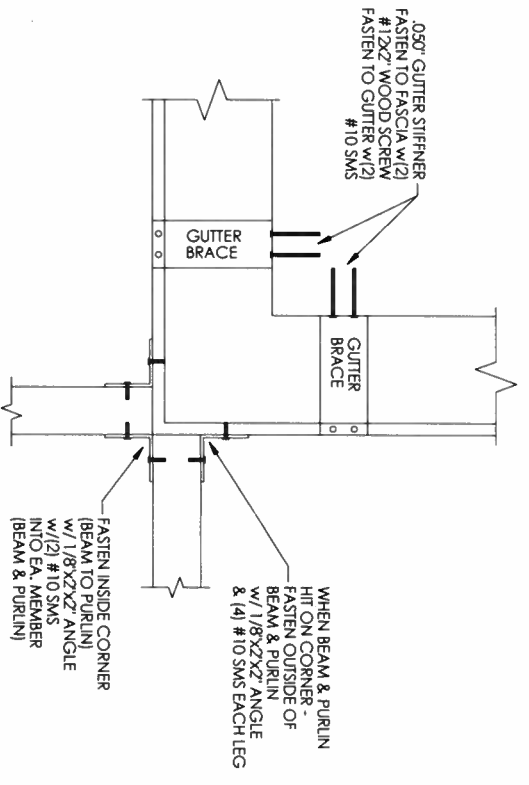


NOTE:  
 -INSTALL FASTENERS ALONG PERIMETER OF GUSSET  
 -BEAM JOINT 3/8\"/>

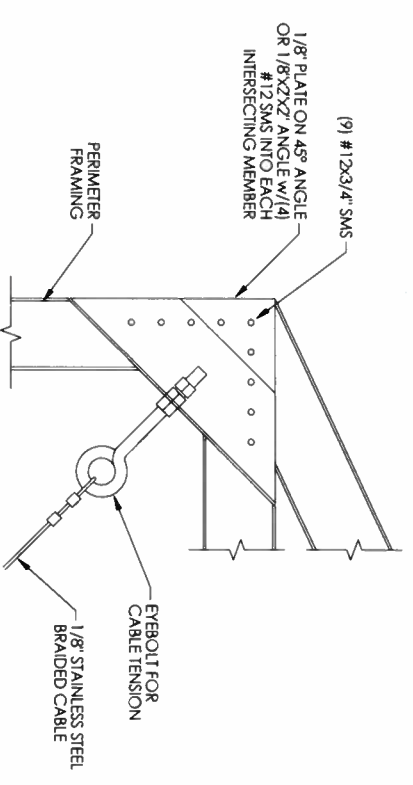
TABLE B-1

BEAM SIZE	COL. TO BEAM QTY SMS/ SIDE OF COL.	BEAM TO BEAM QTY SMS/ EA. FACE/SIDE
2 x 4	(8) #10	(13) #10
2 x 5	(8) #12	(13) #12
2 x 6	(11) #10	(13) #10
2 x 7	(15) #10	(15) #10
2 x 8	(12) #12	(14) #12
2 x 9	(21) #12	(21) #12
2 x 10	(23) #12	(22) #12

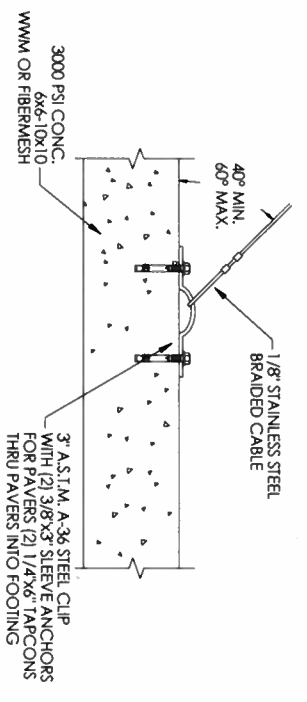
DETAIL "K" GUSSET CONNECTION  
 SCALE: NTS



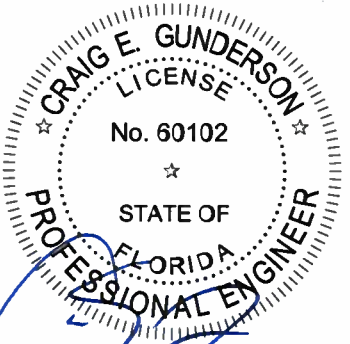
DETAIL "L" CORNER CONNECTION  
 SCALE: NTS



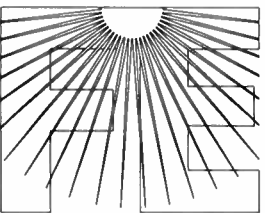
DETAIL "1-2" CABLE CONNECTION AT CORNER  
 SCALE: NTS



DETAIL "1-1" CABLE CONNECTION AT FOUNDATION  
 SCALE: NTS



Craig E. Gunderson, P.E. #60102  
 DATE: 12/16/2019



**FLORIDA ENGINEERING LLC**  
 4161 TAMiami TRAIL, UNIT 101  
 PORT CHARLOTTE, FLORIDA 33952  
 (941) 391-5980  
 www.flengineeringllc.com

PROJECT NO. 1934515

CA CERT. #30782

CONTRACTOR: <b>TOM COBURN</b>		PROJECT ADDRESS: <b>GATHERCOLE 178 NW AUBURN PL LAKE CITY, FL</b>
DESIGN DATE: 12/13/2019	REVISION 1: DATE	
REVISION 2: DATE	DATE	PAGE: <b>4</b>
DRAWN BY: KMM	DATE	
SCALE: NTS		