#### OWNER INFORMATION:

SG BUILD COMPANY 10329 CROSS CREEK BLVD. TAMPA, FL 33647

#### ENGINEER INFORMATION:

DR. RAM A. GOEL, PH.D., P.E 47431 CORY LAKE PROFESSIONAL CENTER TAMPA, FL 33647
Ph: 727-420-4796
Fax: (813) 972-2846
www.soneyfmillc.com

# CONTRACTOR INFORMATION:

10329 CROSS CREEK BLVD.

TAMPA, FL 33647



#### AS-BUILT INFORMATION:

IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO PROVIDE ALL AS-BUILT INFORMATION TO THE ENGINEER INCLUDING BUT NOT LIMITED TO ALL DEVIATIONS TO THE APPROVED PLANS AND COST ESTIMATES.

#### CODES COMPLIED WITH:

- 1. FLORIDA BUILDING CODE-2020, 7TH EDITION RESIDENTIAL
  2. ASCE 7-16 FOR WIND LOADS
  3. FEMA FLOOD ZONE Y." DETERMINED TO BE OUTSIDE THE 500
  YEAR FLOOD PLAIN AS PER FLOOD RATE MAP DATED
  11/02/2018 FIRM PARKE NUMBER 12023C02900.

#### PROPERTY INFORMATION:

PROPERTY USE: SINGLE FAMILY RESIDENTIAL

PARCEL ID: 34-3S-16-02462-318(43466) SECTION : 34, TOWNSHIP 3S, RANGE 16E BOOK/PAGE: 1432/0966

## LEGAL DESCRIPTION:

LOT 18 OAK MEADOW PLANTATION UNIT 3. 816-2412, 880-1850, WD 998-1130. WD 1066-444.446. OC 1262-1008. OC

#### AS-BUILT INFORMATION:

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#### LIABILITY INFORMATION:

LIADICITY INFORMATION.

THIS DRAWING IS VALID FOR 12 MONTHS AFTER THE DATE IT IS

SIGNED AND SEALED OR UNTIL THE REQUIREMENTS OF THE 2020

7thEDITION OF THE FLORIDA BUILDING CODE IS CHANGED.

THIS DRAWING IS SIGNED AND SEALED FOR THE STRUCTURAL PORTIONS OF THE DRAWING ONLY. ARCHITECTURAL, ELECTRICAL, OR MECHANICAL DETAILS, IF SHOWN, ARE FOR VISUAL REFERENCE ONLY AND ARE NOT COVERED UNDER THIS SEAL. YEAR BUILT: VACANT

### AREA TABULATIONS:

- | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100

#### CODE ANALYSIS:

## CODE :

FLORIDA BUILDING CODE RESIDENTIAL, FBC 2020, 7TH EDITION EDITION FLORIDA FIRE PREVENTION CODE 2020, 7TH EDITION EDITION COUNTY: COLUMBIA COUNTY CITY: LAKE CITY CONSTRUCTION TYPE: VB

### OCCUPANCY :

PROPOSED: RESIDENTIAL SINGLE FAMILY

# HEIGHT & NO. OF STORIES:

NUMBER OF STORIES: ONE STORY BUILDING HEIGHT 19"-1"FT

# **SECTION 34, TOWNSHIP 3S, RANGE 16E** 791, NW SAVANNAH CIR., LAKE CITY, FL 32055 **COLUMBIA COUNTY**

#### PROJECT SITE

#### PROJECT SITE



CODES

LIVE LOADS:

#### STRUCTURAL NOTES:

FOUNDATIONS

SOL TO BE COMPACTED TO AT LEAST 968 OF MAX DRY DENSITY AS DETERMINED BY FOUNDATION INSPECTIONS

A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING REPORTED USE, OR ALL PROPERTY MARKETS SHALL BE ENGINEED.

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PS, A SLLMP OF #P PLUS OR MINUS F, AND HAVE 2 TO 55 AR ENTRANMENT, ALL REINFORCING STEEL SHALL BE NEW DOMESTIC
  DEFORMED BILLET STEEL CONFORMING TO ASTM A-65
  GRADE 40.
- GAME 40.

  A HODG SHALL BE PROVIDED AT DISCONTINUOUS BINDS OF ALL TOP BASIS OF BEAMS,

  A HORSENINE FOOTING BASIS SHALL BE BENT FOOTING BASIS SHALL BE SHALL BE SHALL BE BENT BASIS SHALL BE AND BANT DAMERBEST TIP.

  SHALDES SHALL BE 40 BANT DAMERBEST TIP.

- MASONRY WALL CONST. HOLLOW LOAD BEARING LINTS SHALL BE NORMAL WEIGHT, GRADE IN, THEE 2, CONFORMING TO ASTM ONO, WITH A MINIMAM NET COMPRESSIVE STRENGTH OF

- WOOD CONSTRUCTION
- L WOOD CONSTRUCTION SHALL CONFORM TO THE NPPA \*NATIONAL DESIGN SPECIFICATION FOR WOOD
- CONSTRUCTION, LATEST EDITION.
  ALL EXTERIOR WOOD STUD WALLS, BEARNE WALLS, SHEAR
  WALLS AND MISC. STRUCTURAL WOOD FRAMEN REMERS,
  LES BLOOKING OR GABLE BOD BROADES SHALL BE EITHER
  SOUTHERN PIPEL, OR SUFF. NUMBER 2 GRADE SHALL BE
  USED RESARCESS OF SPECIES. ANY WOOD FRAME BEARING WALL STUDS THAT ARE OUT FOR PLUMBING LINES, BYO. SHALL BE SEPARCED WITH SIMPSON HISSZ STUD SHOESOR FOLIAC TYP, UNIO.

WOOD FRAMING INSPECTION

STRUCTURAL STEEL

ALL STRUCTURAL STEEL.

ALL STRUCTURAL SHORELIANDUS STEEL ANS 36,000 PSI UND
TILES STEEL 145TM ASSOL SHORE S. PT-MACOD PSI
STRUCTURAL STEEL STEEL

#### PREFABRICATED WOOD TRUSSES

- ALL PERFARENTE WOOD THESES SHALL BE SOURLY PASTISHED TO THES SUPPORTING WALLS OR BEAMS WITH HABBOARD CAPE OR ADVISOR SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST BUTCH OF THE NATIONAL DESIGN PERCHAPION FOR WOOD CONSTRUCTION BY THE NATIONAL THE NATIONAL THE STATES AND CONTRACTOR STATES AND CONTRACTOR STATES AND CONTRACTOR STATES AND CONTRACTORS SHALL ITS DESPONSA-
- AMERICAN FOREST AND PAPER ASSOCIATION.
  THIS MEMBERS AND CONNECTIONS SHALL BE PROFOCITOWN I A MANAMA ALLOWABLE STREED KAZE-(RELOADS SWINN IN HIS MISS AND FOLK EAST (LOAD
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with A AMPAILATE COMPRISION SERVICE (1997).

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UNIFORM CONTROLLED WITH CONTROLLED WITH CONTROLLED WITH CONTROLLED WITH CONTROLLED WITH CONTROLLED WITH CONTROL OF WITH

#### FIELD REPAIR NOTES

- FOR MISSION BRIDGE LOCATION DISLA, 5 MF DAMETER HOLE OF DEEP AT THE LOCATION OF THE CANTED BRIDGE, AND INSTALL, A ST LONG MF SAIR INFO ENCIRC 1 SIMPSON TROOT TE SETT, ON HEIT 12 PARKET BRIDGE TO THE POINT A MODEL THE MANAGEMENT AND INSTALLATION, ASSURE THAT ALL DUST AND DESIGN FROM DISLAND AS SERVICED FROM THE HOLD BY SERVICED AND DISLAND AS SERVICED FROM THE HOLD BY SERVICED AND DISLAND AS SERVICED FROM THE HOLD BY SERVICED AND DISLAND AS SERVICED FROM THE HOLD BY SERVICED AND DESIGN FROM THE PROPERTY OF TH AND USING COMPRESSED AR PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CLEE TO MANUFACTURERS SPECIFICAL THEN FILL THE CELL IN THE NORMAL WAY DURING BOND BEAM

# ASTIN CROUND, STANDARD MEIGHT UNTS, PMM5000 PSI MOSTRAE THE 'S' 1800 PSI CONCRETE GROUT 3000 PSI CONTRUCUS MASONEY INSPECTION IS REQUIRED DURING CONSTRUCTION CONCRETE MASONRY UNITS STRUCTURAL STRUCTURAL AND MISCRELLANGOUS STREEL A36 36,000 PSI, UNO STREEL A36 74,000 PRELID REPORTS IN EXCEPTION AND MISCRELLANGOUS STREEL A36 36,000 PSI, UNO ALL BOLTS CAST IN CONCRETE ASTM ASS OR ASTM AMOUNT AND PANAL REASON ASSMERANCE ASTM AMOUNT AND SOLITHERN TRELOW FINE 97 MICH COLOR 2 STATUSE FOR THE PANAL OF CAST ASSMERANCE AS

WELFED WISE FARSIC SHALL CONFIGEN TO ASTIM ARISE ALTERIOR AND ALTERIOR

STRUCTURAL DESIGN CRITERIA

2020FLORIDA BULLDING CODE (7TH EDITION.)
NFPA 70 NATIONAL, BLECTRICAL, CODES, (NEC 2017.)
BULLDING CODE REQUIREMENTS FOR PERIFORCIED CONORIETE (ACI 388-44)

30 PSF (REDUCIBLE)

30 PSF (REDUCIBL 40 PSF 60 PSF 40 PSF 20 PSF 10 PSF ATTIC LL 3000 PSI 3000 PSI

WOOD FRAMED CONSTRUCTION MANUAL 2017 EDITION APA PLYWOOD DESIGN SPECIFICATION

RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED BALCONES

STAIRS LIGHT PARTITIONS (DEAD LOAD), UNO. CONCRETE
ALL CONCRETE UNLESS OTHERWISE INDICATED
STRENGTH
0 29 DAYS

SEE DRAWINGS FOR SPECIAL CONCENTRATED LOADS IF REQUISED DESIGN ROOF TRUSSES FOR WINDLOADS FIRE PEC 2017 USING EITHER ULTMARTE OR ALLOWARE LOADS SO LONG AS ALL APPROPRIATE FACTORS AND COMENTINGS ARE USED THROUGHOUT THE ENTIRE DESIGN BOTHS SUCTION AND PRESIDES MUST BE CONSIDERED.

TOTAL ALL OWNERS SIZE BURNERS FREEDERS AFFECT CARPACTION. COLD ISP ACCURATE TO A CONTROL OF A CONTROL OF A COLD ISP ACCURATE TO A CONTROL OF A CONTROL OF A CONTROL OF A CONTROL IF SIZE CONTROL OF A CONTROL OF A CONTROL OF A CONTROL OF A FOUNDATION FOUNDATION SHALL OF A CONTROL OF A CONTROL OF A FOUNDATION FOUNDATION OF A CONTROL OF A CO

NOTE: THE DESIGN IS IN COMPLIANCE WITH ASCE-24

- COVER SHEET

- SITE PLAN - FOUNDATION PLAN

FLOOR PLAN ELEVATION

- ROOF LAYOUT

- FRAMING DETAILS - ELECTRICAL FLOOR PLAN
- PLUMBING LAYOUT PLAN

- HVAC LAYOUT PLAN

CONSTRUCT ONE STORY RESIDENTIAL HOUSE MEETING ALL THE REQUIREMENTS OF FBC CODE LATEST EDITION 2020, 7TH EDITION.

# 150 ENCLOSED EXP C

WIND — THIS FLAM HAS BEEN RESIDED TO COMPLY WITH ALL PROVISIONS OF RECOGNISH SHOULD HAVE SHOULD BE ALLESSED OF SECT.—It was to Provisions for A MANNA STATE ALL PROVISIONS OF THE ALL PROVISIONS OF TH

			OSED BUILD				
		DES	IGN WIND PR	RESSU	RE (PSF)		
Zone	Effective	Basic Wi	nd Speed	Zone	Effective	Basic Wi	nd Speed
4	Wind Area	150 MPH :	3-sec. Gust	5	Wind Area	130 MPH 3	3-sec. Gust
	SQ FT	+			SQ FT		
	<10	30.4	33.0		<10	30.4	40.7
~	15	29.7	32.3	N	15	29.7	39.4
	20 29	0	31.6		20	29.0	38.0
3	25	28.7	31.3	}	25	28.7	37.4
1	30	28.4	31.0	1	30	28.4	36.8
4	35 28	1	30.7	LO.	35	28.1	36.2
111	40	27.8	30.4		40	27.8	35.6
쀨	45	27.5	30.1	쀨	45	27.5	35.0
4	50	27.2	29.8	ó	50	27.2	34.3
ZO	75	26.6	29.1	1 2	75	26.6	33.0
N	100	25.9	28.4	Ň	100	25.9	31.6
	GARAGE D	OOR	8.0. MIDE	7:0	HEIGHT	26.7	30.2
			16"-0" WIDE	7:0	HEIGHT	25.6	28.5
FOOF W	IND 20NES RESSURES FOR THE		THEN MAY BE		ZONE 1	27.8	30.4
CONSERVA	ATNE CASE, (NOLUE	ONG ROOF SLOPE,	EFFECTIVE AREA AN	0	ZONE 2	27.8	51.0

 ANY WINDOW, ALL OR PART, WHICH IS WITHIN 6' OF A CORNER SHALL BE CONSIDERED ZONE 5 PER CHART ABOVE, ALL OTHER WINDOWS ARE CLASSIFIED IN ZONE 4. 2. ROUND AREA DOWN TO THE LARGEST PRESSURE IN THE CHART ABOVE.

— DESIGN PRESSURES ABOVE REPRESENT THE NET PRESSURE (SUM OF EXTERNAL AND INTERNAL PRESSURES) APPLIED NORMAL TO ALL SURFACES. COMPONENT MANUFACTURERS SHALL USE THE HIGHER OF THE TWO NUMBERS FOR APPLICABLE SQUARE FOOTAGE.



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RAM A. GOEL, P.E. # 47431

RAM A. GOEL, P.E. # 47431 PH:-813-792-1600

Job # SG2205 Drawn By: Checked By: S.G.

sue Date: 11-25-22 Revisions:

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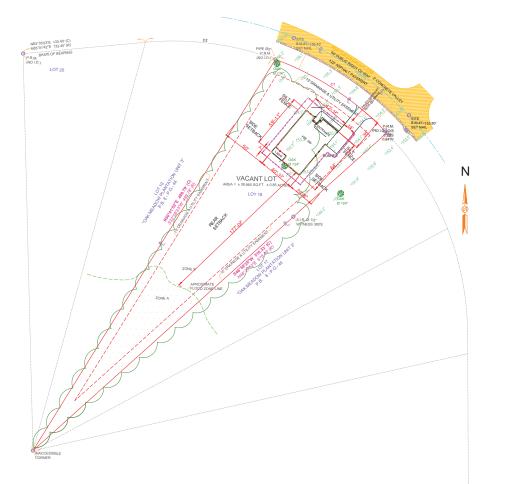
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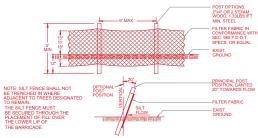
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## SILT BARRIER DETAIL

# LEGEND

O DENOTES 5/8" IRON ROD & CAP SET (LB7683)

DENOTES IRON PIPE OR REBAR FOUND (5/8")
 DENOTES 4"x4" CONCRETE MONUMENT SET (LB7683) IP — IRON PIPE
 DENOTES 4"x4" CONCRETE MONUMENT FOUND
 IPC — IRON PIPE
 IPC — IRON PIPE

DENOTES NAIL & DISC FOUND
NO ID - NO IDENTIFICATION

FND - FOUND CM - CONCRETE MONUMENT

± - MORE OR LESS ORB - OFFICIAL RECORDS BOOK

ORB - OFFICIAL RECORDS BC
PG - PAGE (S)
(P) - PLAT
(D) - DEED
(C) - CALCULATED
(M) - MEASURED
AC. - ACRE(S)
POB - POINT OF BEGINNING

POC - POINT OF COMMENCEMENT

EOP - EDGE OF PAVEMENT
EOG - EDGE OF GRADE
N - NORTH
E - EAST
S - SOUTH
W - WEST

PC - POINT OF CURVATURE PI - POINT OF INTERSECTION

PT - POINT OF TANGENCY

7) IP - IRON PIPE IPC - IRON PIPE and CAP IR - IRON ROD IRC - IRON ROD and CAP R - RADIUS T - TANCENT L - ARC LENGTH A - CENTRAL ANGLE CH - CHORD BEARING & DISTANCE R/W - RIGHT OF WAY TWP - TOWNSHIP

RNG - RANGE

X DENOTES FENCE

E-E DENOTES OVERHEAD ELECTRIC

O- - POWER POLE

♦ - TELEPHONE PEDESTAL X X X SILT FENCE

- FLOW ARROW



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SONEY FM LLC CORY LAKE PROFESSIONAL CI 10329 CROSS CREEK BLVD., SI TAMPA, FL 33 647 www.soneyfmllc.com

RAM A. GOEL, P.E. # 47431 PH:-813-792-1600

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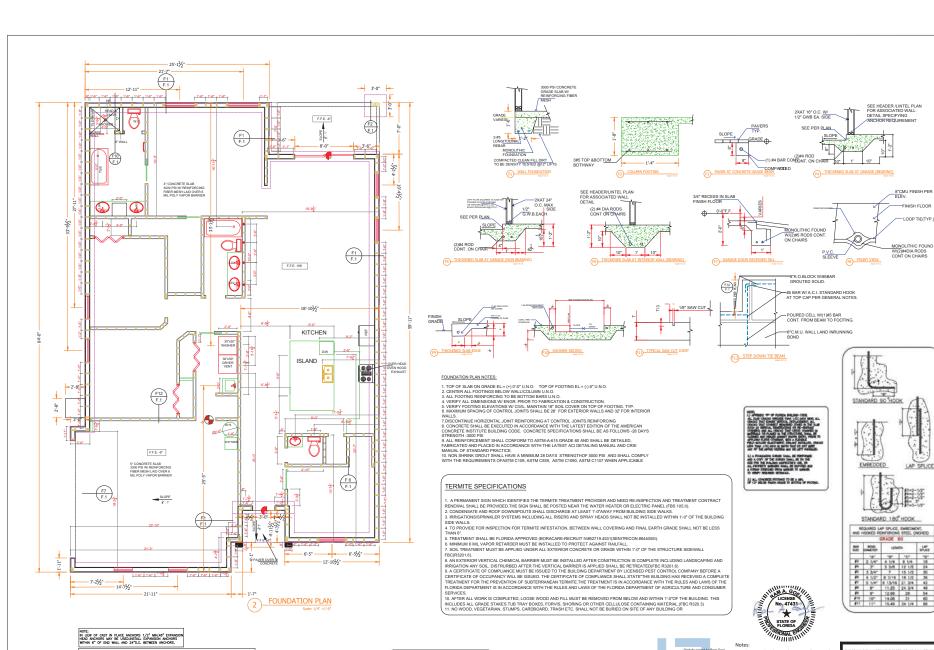
sue Date: 11-25-22

CR. 791 NW SAVANNAH ( LAKE CITY, FL 32055 LINCOLN MODEL

SP-1

SITE PLAN





LEGEND
DETAIL INDICATOR

DETAIL INSTEAD OF THE CONTROL WOOD HEADER
DESIGNATIONALL WOOD
HEADERS TO BE (ZPLY U.M.O.

XXXXX

PLAN  $\overline{\Box}$ **FOUNDATION LAYOUT** SAVANNAH 3205 MODEL 교 CITY,

RAM A. GOEL, P.E. # . PH:-813-792-1600

Job #

rawn By:

evisions:

hecked By: S.G.

SG2205

KD

sue Date:11-25-22

LOOP TIE(TYP.)

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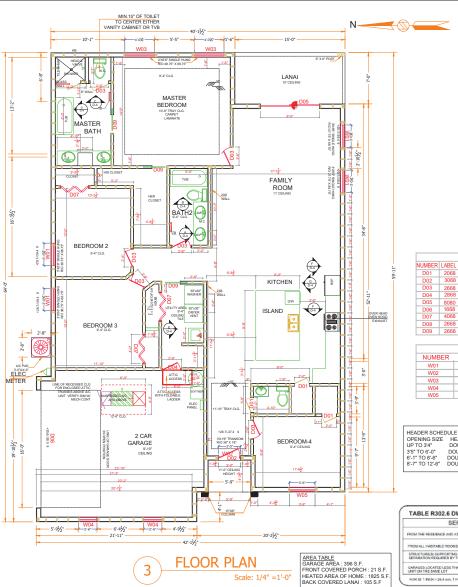
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SPUCE

LINCOLN 791 NW S



	PRODUCT A	PPROVAL SPECIFICATION SHEET		
CATEGORY/SUBCATEGORY	MANUFACTURER	PRODUCT DESCRIPTION	APPROVAL NUMBER(S)	impact APPROVAL NUMBER(S)
1. EXTERIOR DOORS				
FIXED	THERMA-TRU CORP	SWINGING DOORS	FL 15227.3 fl 15227.5	
FIXED	PGT	SLIDING DOORS	fl 251.10	fl 251.6
2. WINDOWS				
SINGLE/DOUBLE HUNG	pgt	SINGLE HUNG	FL 239.1	FL 239.4
HORIZONTAL SLIDER	pgt	HORIZONTAL SLIDER	FL 242.1	FL 242.4
FIXED	pgt	FIXED WINDOWS	FL 243.1	FL 243.3
3. PANEL WALL				
SOFFIT	plygem siding group	vinyl SOFFIT	FI 15847	
4. ROOFING PRODUCTS				
asphalt SHINGLES	owens coming	asphalt SHINGLES	fl 10674	
ROOFING TILES	MONIER/LIFESTYLE eagle	ROOF TILE	FL 601-r5 FL 7473,	
5. STRUCT COMPONENTS				
WOOD ANCHORS AND CONNECTORS	SIMPSON	WOOD CONNECTOR ANCHORS	fl 10456-r2, fl 10852-r1, fl 13872-r1, fl 11473-r2, fl10667-r1, fl 10866-r2	
LINTELS	cast-crete	PRECAST CONCRETE LINTELS	FL 158-r5	
hurricane protection	global protection products, lic		20 gauge steel 24 gauge steel fabric shutter	fl 15076.1 fl 15076.2 fl 15088

					D	OOR SCH	EDULE			
NUMBER	LABEL	QTY	FLOOR	CALL SIZE	WIDTH	HEIGHT	R/O	DESCRIPTION	HEADER	THICKNESS
D01	2068	3	- 1	2480 IN	24"	80"	26 1/2"X82"	INTERIOR DOOR	2X4X38 1/2"	1 1/2"
D02	3068	1	1	3680EX	36"	80"	38 1/2"X82"	FRONT DOOR EXTERIOR	2X4X50 1/2"	1 3/4"
D03	2668	6	1	3080 IN	30"	80"	32 1/2"x82"	INTERIOR DOOR	2X4X44 1/2"	1 1/2"
D04	2868	1	1	3280EX	32"	80"	34 1/2"x82"	SOLID CORE DOOR	2X4X46 1/2"	1 5/8" SOLID CORE
D05	8080	0	1	9696EX	96"	96"	96" X 96"	SLIDING GLAZED DOOR	2X4X110 1/2"	1 3/4"
D06	1668	1	1	19280EX	192"	84"	194 1/2"X82"	GARAGE DOOR	2X4X206 1/2"	1 3/4"
D07	4068	3	- 1	4880IN	48"	80"	50 1/2"X82"	BIFOLD DOOR	2X4X62 1/2"	1 1/2"
D08	2668	0	1	3080 IN	30"	80"	32 1/2"X82"	BARN DOOR	2X4X44 1/2"	1 1/2"
D09	2668	3	1	3080 IN	30"	80"	32 1/2"X82"	POCKET SLIDER	2X4X44 1/2"	1 1/2"

		V	WINDOW SCH	HEDULE					
NUMBER	LABEL	QTY	FLOOR	CALL SIZE	WIDTH	HEIGHT	R/0	TYPE	HEADER
W01	3056	4	1	3666	36"	66"	37.75"X66.75"	SINGLE HUNG	HEADER
W02	3016	1	1	3618	36"	18"	36" X 18"	TRANSOM	HEADER
W03	4856	2	1	4066	48"	66"		SINGLE HUNG	HEADER
W04	2656	2	1	3066	30"	66"		SINGLE HUNG	HEADER
W05	3656	1	1	4266	42"	66"	42.75" X 66.75"	SINGLE HUNG	HEADER

OPENING SIZE HEADER
UP TO 3'4" DOUBLE 2X6 REMARKS

3'5" TO 6'-0" DOUBLE 2X8 6'-1" TO 8'-6" DOUBLE 2X10 8'-7" TO 12'-6" DOUBLE 2X12

(2)JACK STUDS EACH ENDS (2)JACK STUDS EACH ENDS

# TABLE R302.6 DWELLING / GARAGE SEPARATION

SEPARATION	MATERIAL
FROM THE RESIDENCE AND ATTICS	NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE
FROM ALL HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 66 NICH TYPE "X" GYPSUM BOARD OR EQUIVALENT
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THANKS INCH GYPSUM BOARD OR BOUWALENT
GARAGES LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LIST	NOT LESS THAN NO INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTER OR WALLS THAT ARE WITHIN THIS AREA

- 4. ALL FIXTURES USED SHALL BE AS PER SCHEDULE OR EQUAL.
- 5. ALL FIXTURES SHALL HAVE STOP VALVES AT WALL.
- ALL VENTS SHALL BE CARRIED THROUGH ROOF, COMPLETE WITH ROOF SYSTEM COMPATIBLE ROOF JACKS.
- 8. TO FACILITATE THE CLARITY OF THE DRAWINGS, SEWER, WATER, AND GAS LINES ARE NOT ALWAYS SHOWN IN THEIR EXACT LOCATIONS.

- PROVIDE WETTED TRAPS TO ALL FLOOR DRAINS.

NOTE: MAIN WATER LINE TO HOME TO SOFTNER THEN WATER HEATER

# GENERAL PLUMBING NOTES ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES. FOR HOT AND COLD WATER APPLICATIONS TYPE L COPPER SHALL BE USED OR PEX AS ALLOWED BELOW.

SONEY FM LLC
CORY LAKE PROFESSIONAL CE
10329 CROSS CREEK BLVD., SU
TAMPA, FL 33647
www.soneyfmllc.com RAM A. GOEL, P.E. # PH:-813-792-1600

SG2205 KD hecked By: S.G.

sue Date:11-25-22

CIR 32055 SAVANNAH MODE CITY, FL LINCOLN 791 NW LAKE CI

FLOOR PLAN

# R311.2 EGRESS DOOR

#### TABLE R301.2(4) GARAGE DOOR LOADS FOR A BUILDING WITH A MEAN HEIGHT OF 30 FEET LOCATED IN EXPOSURE B une with senting part 1.4.5 (Mpg., 5 senting of lett)

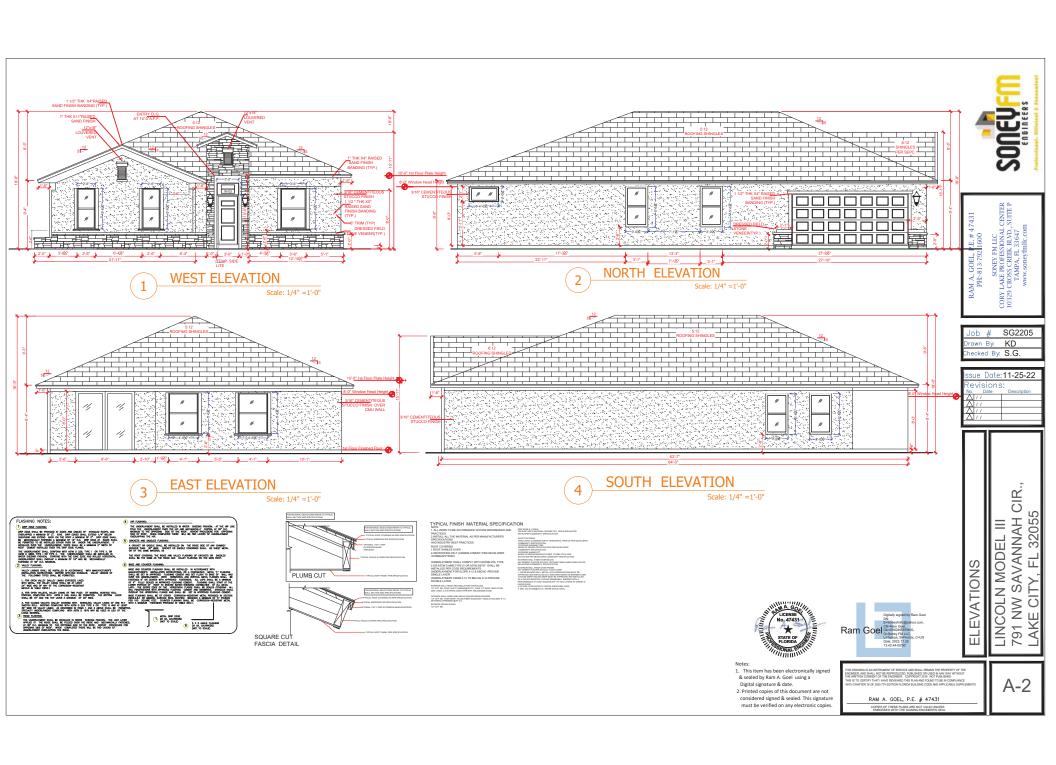
SOOF ANGLE	CODESPEES TAREA	90	100	110	120	130	140	150
VIDTH (FT.)	HDIGTH(TT.)							
9	7	12.8-14.6	15.8-17.9	19.1-21.6	22.6-25.8	28.7-30.2	81.0-35.1	35.640.2
16	7	12.3-13.7	15.2-16.9	18.3-20.4	21.0-24.3	25.6-20.5	29.7-33.1	34.1-38.0



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RAM A. GOEL, P.E. # 47431





Orawn By: Checked By: S.G.

Job # SG2205

LINCOLN MODEL III 791 NW SAVANNAH CIR., LAKE CITY, FL 32055

ROOF LAYOUT

RAM A. GOEL, P.E. # 47431

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Hatch Legend

8" STEP TRAY CEILING TOP AT 10' 0"

10' STEP TRAY CEILING TOP AT 11' 10"

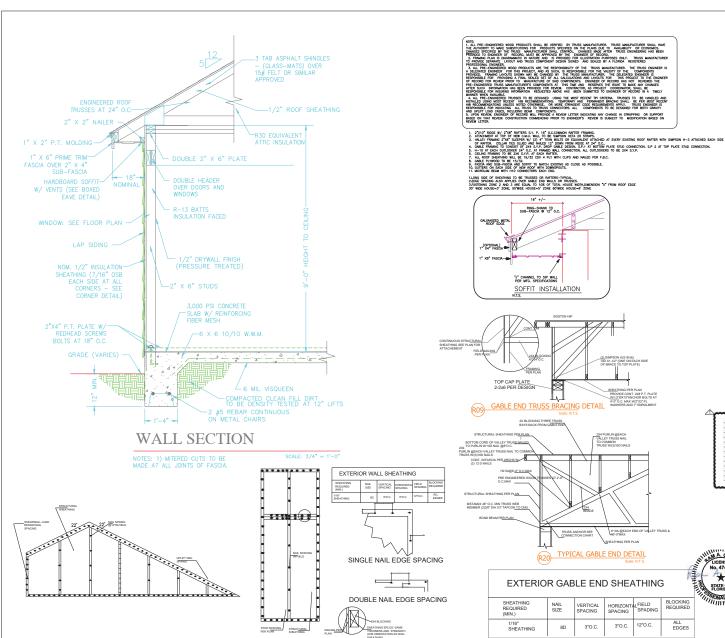
9' 4" BEARING HEIGHT 11' 0" BEARING HEIGHT

11' 0" FLAT CEILING AREA

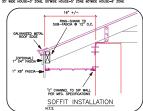
30" MECHANICAL RECESS

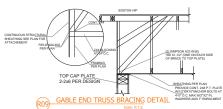
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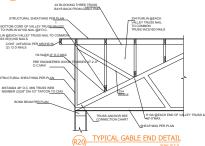
BEARING WALL REQUIRED BEARING WALL FRAME CEILING DOWN TO 11' 0" BY BUILDER



GABLE END AND SHEATHING DETAIL







# EXTERIOR GABLE END SHEATHING

SHEATHING REQUIRED (MIN.)	NAIL SIZE	VERTICAL SPACING	HORIZONTA SPACING	LFIELD SPADING	BLOCKING REQUIRED
1/16" SHEATHING	8D	3"O.C.	3"O.C.	12"O.C.	ALL EDGES



CONNEC.	TION SCH	DULE	
Manufacturer Name	Model No.	FL Product Approval	Location / Use
SIMPSON	"HETA-20"	# 11473−R2	AT ALL TRUSS/WALL CONNECTIONS
SIMPSON	*MTS-12*	∯ 10456-R2	AT ALL RAFTER/WALL CONNECTIONS
SIMPSON	1.STA-36*	# 10852-R2	EMBEDDED IN BLOCK CELL MORTATO STRAP DOWN P.T. WOOD BEAMS ON TOP OF CONC. BLOCK COLUMNS
SINPSON	7H10"	# 10456-R2	AT ALL WALL PLATES/RAFTERS
SIMPSON	"ECC66"	# 10860-R2	ANCHOR P.T. WOOD POSTS ON TOP PLYWOOD FLOOR
SINPSON	"ECCLA"	₫ 13904-R2	CAP LUMBER BEAM CORNERS ON P.T. POST
SIMPSON	"A23" Angle	₹ 10446-R2	CAP LUMBER BEAM CORNERS ON P.T. POST
SINPSON	"SP2"	# 10456-R2	9 TOP PLATES
SIMPSON	"SP1"	∮ 10456-R2	BOTTOM PLATE
SIMPSON	"ABA66"	# 10849-R3	ANCHOR P.T. POSTS ON TOP OF NEW CONCRETE FOOTER SLAB.
SIMPSON	HH4"	₫ 10446-R2	USE 16d Nolls W/ "HH4" TO ATTACH FLOOR BEAM TO P.T. WOOD POST
SIMPSON	"HGUS48"	∮ 11468-R2	USE 16d Nois W/ "HGUS48" TO ATTACH FLOOR BEAM TO FRAME WALL BASE BOARD
USP	"HUS28"	# 10655-R2	HEAVY DUTY JOIST HANGER-AT ALL PERPENDICULAR CONTACTS TO SECUR P.T. ROOF RAFTERS TO WALL LEDGER BOARD
USP	"NFM3.5x10"	<b>#</b> 578−R3	AT BEAM/BLOCKWALL CONNECTIONS

GIZNE RAFTER WITH 1/2\*PLYWOO BEAD OF PLSO CONSTRUCTION A

OF PLSO CONSTRUCTION ACHESIVE  NAILING SCHEDULE		
CONNECTION	COMMON NAIL	# OF SPACING
SOLE PLATE TO TRUSS OR BLOCKING	16d	16°O.C.
STUD TO SOLE PLATE, TOE NAIL	8d	4
DOUBLE STUDS. FACE NAIL	10d	24°O.C.
DOUBLE TOP PLATES, FACE NAIL	10d	16"O.C.
TOP PLATES, LAPS AND INTERSECTIONS	10d	3
TRUSSES, LAPS OVER WALLS, FACE NAIL	16d	4
BUILT-UP CORNER STUDS	16d	24°O.C.
STUDS TO SOLE PLATE END NAIL	16d	2

	FLORIDA PRODU	CT APPROVALS		
CATEGORY	BUS-CATEGORY	MANUFACTURES	APPROVAL CODE (TUE)	
TAMEL WALLS	SIDING	JAMES HARDIE	13223.2	10/10/2017
WINDOWS.	BOOKE HUNG	WED-WEDS	14995.4	7/24/2017
WINDOWS	FIXED	JELD-WON	14168.3	8/16/2057
EXTENDE DOORS	SWINGING EXTERIOR DOOR ASSEMBLY	THERMATELL	19517.4	32/52/2057
EXTRIBUTE DODGES	BARASE DOOR	ELOPWY	5684.5	38/30/2017
EXTERIOR DOORS	GABASE DOOR	STORMAL	5894.18	31/10/2557
DETERMOR DOORS	SWINGING EXTERIOR DOOR ASSEMBLY	LISTAMASSHIT	7640.1	12/12/2017
EXTERIOR DOORS	SLIDING EXTENSION DOOR ASSEMBLUES	JELD WEW	31705.1	6/24/2020
FAMIL WALLS	SORTES	SYDEMAN STREET	13205:1	8/2/2020
R150F9(6)	ASPINAT DIPPERS	SA	30024.1	4/7/2006
SDOVENS	LINDERLAPMENTS	OWENS CORNING	14299.5	6/16/2019

GROSS AREA OF ROOF	3898 SQUARE FEET
GROSS AREA OF VENTED SOFFIT	182 SQUARE FEET
NET AREA OF VENTED SOFFIT	127SQUARE FEET (70%)
1/150 OF GROSS ROOF AREA	28 SQUARE FEET
1/300 OF GROSS ROOF AREA	13 SQUARE FEET
REQUIRED RIDGE & OFF RIDGE VENTS (TOTAL AREA)	3 SQUARE FEET TOTAL
WEATHER PROTECTED VENTS. ALL VENTS SHALL PROTECT THE NEEDER FROM INTRUSION OF SH TOTAL HET PERF VENTSLATING META TO THE AREA.	ROS. THE RATIO OF

 This item has been electronically signed & sealed by Ram A. Goel using a

Digital signature & date. 2. Printed copies of this document are not considered signed & sealed. This signature must be verified on any electronic copies.

RAM A. GOEL, P.E. # 47431

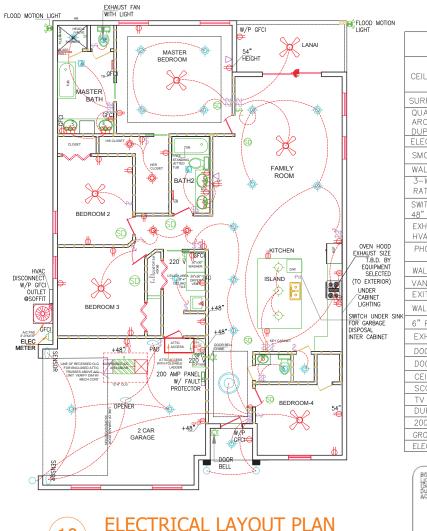


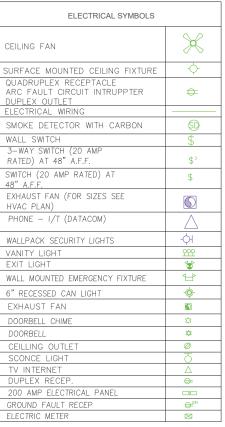
Job # SG2205 Drawn By: hecked By: S.G.

sue Date:11-25-22 Revisions:

> $\alpha$  $\overline{\circ}$ SAVANNAH (ITY, FL 32055 MODE CITY, FL NTO 791 NW S LAKE CI LINC

FRAMING DETAILS





# SEAL ALL INSULATION INSULATION RECESSED LIGHTING FIXTURE RECESSED LIGHTING FIXTURE NON-IC RATED CAN DETAIL

| Ram Goel CO-STAIRS

#### **GENERAL ELECTRICAL NOTES**

- FIXTURES AS PER SCHEDULE OR APPROVED EQUAL.
- FIXTURES SHALL BE COMPLETE WITH LAMPS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS REQUIRED TO CONNECT ELECTRICAL POWER TO ALL MECHANICAL EQUIPMENT.
- ALL WIRING, CONDUIT, LABOR AND MATERIALS NOT SHOWN ON PLAN, BUT NECESSARY FOR COMPLETE AND PROPER OPERATIONS OF THE ELECTRICAL SYSTEM SHALL BE CONSIDERED AS
- PART OF THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY. THE ELECTRICAL CONTRACTOR SHALL COORDINATE AND INSTALL ALL CONDUIT REQUIRED FOR
- ALL WORK AS PER GENERAL SPECIFICATIONS AND ALL FEDERAL, STATE AND LOCAL CODES.
- THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID.
- THE ELECTRICAL CONTRACTOR SHALL PERSONALLY CONTACT THE POWER COMPANY IN ORDER TO VERIFY AND COORDINATE THE INSTALLATION OF THE MAIN ELECTRICAL SERVICE AND TRANSFORMER PLACEMENT TO THE BUILDING.
- THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL FIRE ALARM DEVICES REQUIRED TO SATISFY ALL APPLICABLE CODES & PROVIDE A WORKING SYSTEM. DEVICES SHOWN ON PLANS ARE FOR GUIDELINES ONLY.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A 200 AMP SINGLE PHASE TEMPORARY ELECTRICAL SERVICE AND WEATHER PROOF OUTLETS. COORDINATE LOCATION WITH POWER COMPANY. INCLUDE ALL FEES FOR TEMPORARY SERVICE IN THE BASE DID. REMOVE TEMP 11. SERVICE AFTER MAIN SERVICE BECOMES USABLE.

THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL TEMPORARY CONSTRUCTION LIGHTING PER O.S.H.A. AND CITY MINIMUM LIGHTING LEVELS IN THE BASE CONTRACT.

APPROVED METER SOCKET

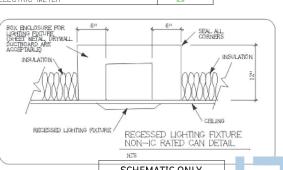


SG2205 rawn By: KD hecked By: S.G.

sue Date:11-25-22 evisions:

> $\overline{\circ}$ SAVANNAH 3205 Ш MODE 正 CITY,  $\stackrel{>}{\geq}$

PLAN FLOOR ECTRICAL INCOL 91 P Ш



HOUSE:

1. BETTER SOCIOLE MUST BE SOME IN ACCOMMENCE WITH
SOME SITE OF THE CONDUCTORS.

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must be verified on any electronic copies

RAM A. GOEL, P.E. # 47431

Scale: 1/4" =1'-0" OUP-EX CUT-BACK SPLASH

OFFICIAL PACK SPLASH

SCHEMATIC ONLY CONTRACTOR WILL SEEK SEPARATE PERMIT

ELECTRICAL SERVICE SCHEMATIC 200 AMP SERVICE 1. This item has been electronically signed & sealed by Ram A. Goel using a

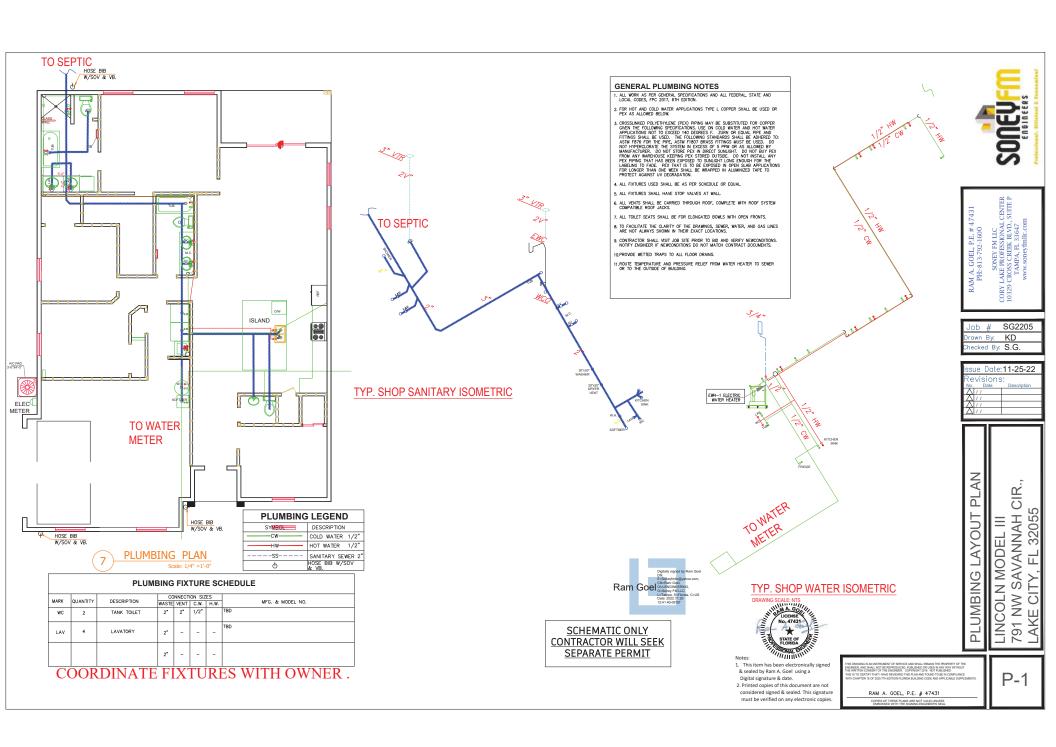
APPROVED 200 AMP, 120/240 YOLF 3 WIFE DISTRIBUTION FAMEL...

# 4 THW CU. TO JAY C.W. PIPE & TO 5/8- REBAR DRIVEN TO A MINIMAL DEPTH OF 0"-0" BELDW

DIMO:

2" (OUT

Digital signature & date. 2. Printed copies of this document are not considered signed & sealed. This signature





RAM A. GOEL, P.E. # 47431 PH:-813-792-1600 SONEY FM LLC TE PROFESSIONAL DSS CREEK BLVD. FAMPA, FL 33647 vw.soneyfmllc.co

SG2205 Joh # rawn By: K.D hecked By: S.G.

sue Date:11-25-22 evisions:

ᇹ SAVANNAH 3205 MODE చ LAYOU1 CITY, N O C N Š HVAC  $\frac{8}{2}$ 91 AK

RAM A. GOEL, P.E. # 47431

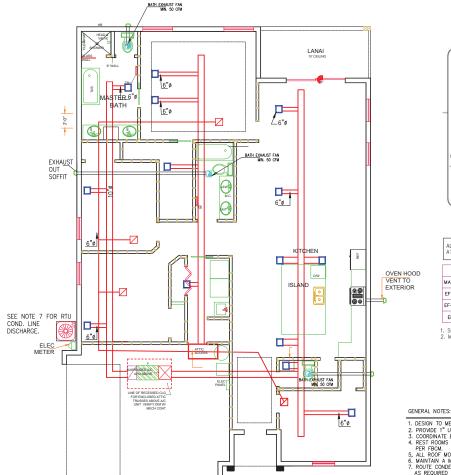
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OPERATION.

PROPERLY OR

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MONTH WITH



NOTE: ALL EXHAUST FANS EXIT TO ROOF

HVAC LAYOUT PLAN ISO

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

MECHANICAL LEGEND

1. SCHEMATIC ONLY
2. MECHANICAL CONTRACTOR TO GET THEIR OWN SHOP DRAWINGS & PERMIT

CLOTHES DRYER HORIZONTAL

VENT THROUGH EXTERIOR WALL

ALL PENETRATIONS (DUCT/PIPES/LIGHT FIXTURES/HVAC DIFFUSERS) SHALL BE PROTECTED AT ALL FIRE RATED WALLS AND FLOOR CEILING ASSEMBLIES.

TYPE CFM ESP FAN DUCT SONES VOLT/PH AMPS LOCATION MANUFACTURER & MODEL

120/1 0.3 TOILET/RR BROAN 784

120/1 0.2 TOILET/RR BROAN 770

120/1 0.2 TOILET/RR BROAN 770

EXHAUST FAN SCHEDULE

SUPPLY AIR DIFFUSER

EF-1 EXHAUST 65 0.25" 26.1 4" 2.0

EF-2 EXHAUST 50 0.25" 17.5 4" 1.5

EF EXHAUST 50 0.25" 17.5 4" 1.5

RETURN AIR DIFFUSER

1. DESIGN TO MEET FLORIDA BUILDING MECHANICAL CODE 2017 ASHRAE, ASME, ANSI CODES.

PROVIDE I" UNDERCUT ON ALL INTERIOR DOORS.
COORDINATE EXACT LOCATION OF DIFFUSERS WITH ARCHITECTURAL & REFLECTIVE CEILING PLANS.
REST ROOMS EXHAUST WALL CAP TO BE PROVIDED WITH A CORROSION RESISTANT SCREEN AS PER FBCM.

PER FECM.
ALL ROOF MOUNTED EQUIPMENT SHALL BE INSTALLED TO WITHSTAND HURRICANE FORCE WINDS.
MAINTAIN A MINIMUM OF 10 FT SEPARATION BETWEEN ANY AIR THATKE AND EXHAUST DISCHARGE.
ROUTE CONDENSATE DRAIN, FULL SZEZ TO REAREST ROOF DRAIN, PROVIDE PINING SUPPORT

AS REQUIRED BY THE CODE, PROVIDE SECONDARY AUTOMATIC OVERFLOW FLOAT SWITCH. 8. ALL CONSTRUCTION/MATERIALS BY THE CONTRACTOR SHALL CONFORM TO THE 2017 FLORIDA

BUILDING/ MECHANICAL CODE.

9. THE CONTRACTOR SHALL BALANCE THE SYSTEM TO WITHIN PLUS 10% OR MINUS 5% OF LISTED CETW VALUES. PROVIDE STANDARD FORMS TO DOCUMENT AIR PERFORMANCE, STATIC PRESSURE, ETC.

SCHEMATIC ONLY CONTRACTOR WILL SEEK SEPARATE PERMIT

M1305.1.3 Appliances in attics. Attics containing appliances requiring access shall be provided with an

opening and unobstructed passageway large enough to

allow removal of the largest appliance. The passageway shall not be less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 6 feet (1829

mm) in length measured along the centerline of the

appliance's service panel. The passageway shall have

continuous solid flooring not less than 24 inches (610

mm) wide. A level service space not less than 30 inches

(762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The

clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), where suc

dimensions are large enough to allow removal of the

Exception: The passageway and level service space are

M1305.1.3.2 Air-handling units. Air-handling units shall

be allowed in attics if the following conditions are met:

feet (1829 mm) of an attic access.

1. The service panel of the equipment is located within 6

2. A device is installed to alert the owner or shut the unit

3. The attic access opening is of sufficient size to replace

located in the attic. Said notice shall be in all capitals, in 16 point type, with the title and first paragraph in bold: NOTICE TO OWNER

A PART OF YOUR AIR CONDITIONING SYSTEM.

THE AIR HANDLER, IS LOCATED IN THE ROOF.

SYSTEM, YOU MUST ENSURE THAT REGULAR

MAINTENANCE IS PERFORMED. YOUR AIR CONDITIONING SYSTEM IS EQUIPPED WITH ONE

1) A DEVICE THAT WILL ALERT YOU WHEN THE CONDENSATION DRAIN IS NOT WORKING

2) A DEVICE THAT WILL SHUT THE SYSTEM

DOWN WHEN THE CONDENSATION DRAIN IS

SERVICE, IT IS RECOMMENDED THAT YOU

DEVICES BEFORE EACH SEASON OF PEAK

ENSURE PROPER WORKING ORDER OF THESE

NOT WORKING, TO LIMIT POTENTIAL DAMAGE

TO YOUR HOME, AND TO AVOID DISRUPTION OF

FOR PROPER, EFFICIENT, AND ECONOMIC OPERATION OF THE AIR CONDITIONING

OR BOTH OF THE FOLLOWING:

down when the condensation drain is not working

4. A notice is posted on the electric service panel

indicating to the homeowner that the air handler is

not required where the appliance is capable of being serviced and removed through the required opening.

M1305.1.3.1 Electrical requirements. A luminaire controlled by a switch located at the required passageway opening and a receptacle outlet shall be installed at or near the appliance location in accordance

largest appliance.

with Chapter 33.

properly.

the air handler.

passageway from the attic access opening to the