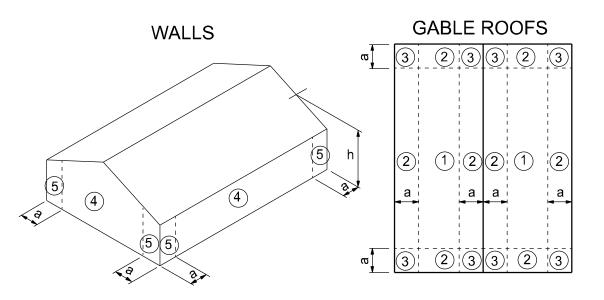
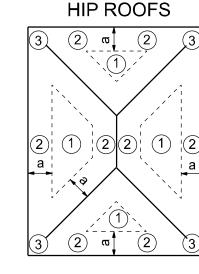
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE 6TH EDITION (2017)			
FLOOR AND ROOF LIVE LOADS			
UNINHABITABLE ATTICS:		20 PS	F
HABITABLE ATTICS, BEDROOM:		30 PS	F
ALL OTHER ROOMS:		40 PS	F
GARAGE:		40 PS	F
ROOFS:		20 PSF UNI	FORM
	WI	ND DESIGN DATA	
ULTIMATE WIND SPEED:		130 M	PH
NOMINAL (BASIC) WIND SPEED:		101 M	PH
RISK CATEGORY:		II	
WIND EXPOSURE:		В	
ENCLOSURE CLASSIFICATION:		ENCL	OSED
INTERNAL PRESSURE COEFFICIENT:		0.18 +	/-
COMPONENTS AND CLADDING			
ROOFING ZONE 1:		16.8 PSF MAX.	-18.4 PSF MIN.
ROOFING ZONE 2:		16.8 PSF MAX.	-21.5 PSF MIN.
ROOFING ZONE 3:		16.8 PSF MAX.	-21.5 PSF MIN.
ROOFING AT ZONE 2 OVERHANG	iS:	-31.1 PSF MIN.	
ROOFING AT ZONE 3 OVERHANG	iS:	-31.1 PSF MIN.	
STUCCO	O, CLA	DDING, DOORS AND WINDOW	'S
ROOFING ZONE 4:		18.4 PSF MAX.	-19.9 PSF MIN.
ROOFING ZONE 5:		18.4 PSF MAX.	-24.6 PSF MIN.
9' WIDE O/H DR.:		16.1 PSF MAX.	-18.3 PSF MIN.
16' WIDE O/H DR.:		16.0 PSF MAX.	-17.3 PSF MIN.





20 PSF (REDUCIBLE)

40 PSF

40 PSF

20 PSF

ASTM A185

ASTM A615-40 40,000 PSI

ASTM A615-40 40,000 PSI

- a: 10% of least horizontal dim. or 0.4h, whichever is smaller, but not less than
- either 4% of least horizontal dimension or 3 ft. h: mean roof height, in feet.

COMPONENTS AND CLADDING

STRUCTURAL DESIGN CRITERIA

FLORIDA BUILDING CODE 6TH EDITION (2017) CODES:

BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-14) SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-16) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-13) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2015 EDITION

APA PLYWOOD DESIGN SPECIFICATION

LIVE LOADS:

RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED

BALCONIES STAIRS LIGHT PARTITIONS (DEAD LOAD), U.N.O.

WIND LOADS BASED ON FBC, SECTION 1609 WIND LOADS: (F.B.C.)

WIND VELOCITY: 120 M.P.H., USE FACTOR: 1.0

CONCRETE STRENGTH @ 28 DAYS

ALL CONCRETE UNLESS OTHERWISE INDICATED 3000 PSI PEA GRAVEL CONCRETE FOR MASONRY CELLS ONLY (DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS)

WELDED WIRE FABRIC SHALL CONFORM TO **REINFORCING:** ALL REINFORCING BARS

ALL STIRRUPS AND TIES

ASTM C90-99b, STANDARD WEIGHT UNITS, fm=1500 PSI CONCRETE MORTAR TYPE "S" 1800 PSI MASONRY CONCRETE GROUT 3000 PSI UNITS:

CONTINUOUS MASONRY INSPECTION IS REQUIRED DURING CONSTRUCTION ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 PSI, U.N.O **STRUCTURAL** SHOP AND FIELD WELDS: E70XX ELECTRODES

STEEL: ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307 BEAMS, RAFTERS, JOIST, PLATES, ETC. U.N.O. WOOD FRAMING:

NO. 2 SOUTHERN YELLOW PINE (19% M.C.) ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR, or OSB FLOOR SHEATHING: T&G A-C GROUP 1 APA RATED (48/24)

WALL SHEATHING: PLYWOOD C-C/C-D, EXTERIOR OR OSB VERSA LAM BEAM Fb = 2900 PSI (2.0E) WOOD COLS. PARALLAM 2.0E U.N.O.

DEAD LOAD.

DESIGN LOADS: WOOD ROOF TOP CHORD LIVE AND DEAD LOAD: TRUSSES: BOTTOM CHORD DEAD LOAD:

40 PSF SEE DRAWINGS FOR SPECIAL CONCENTRATED LOADS. DESIGN FOR NEW WIND UPLIFT AS PER SPECIFIED CODES, DEDUCTING A MAXIMUM OF 5 P.S.F. DEAD LOAD, BUT NOT EXCEEDING ACTUAL

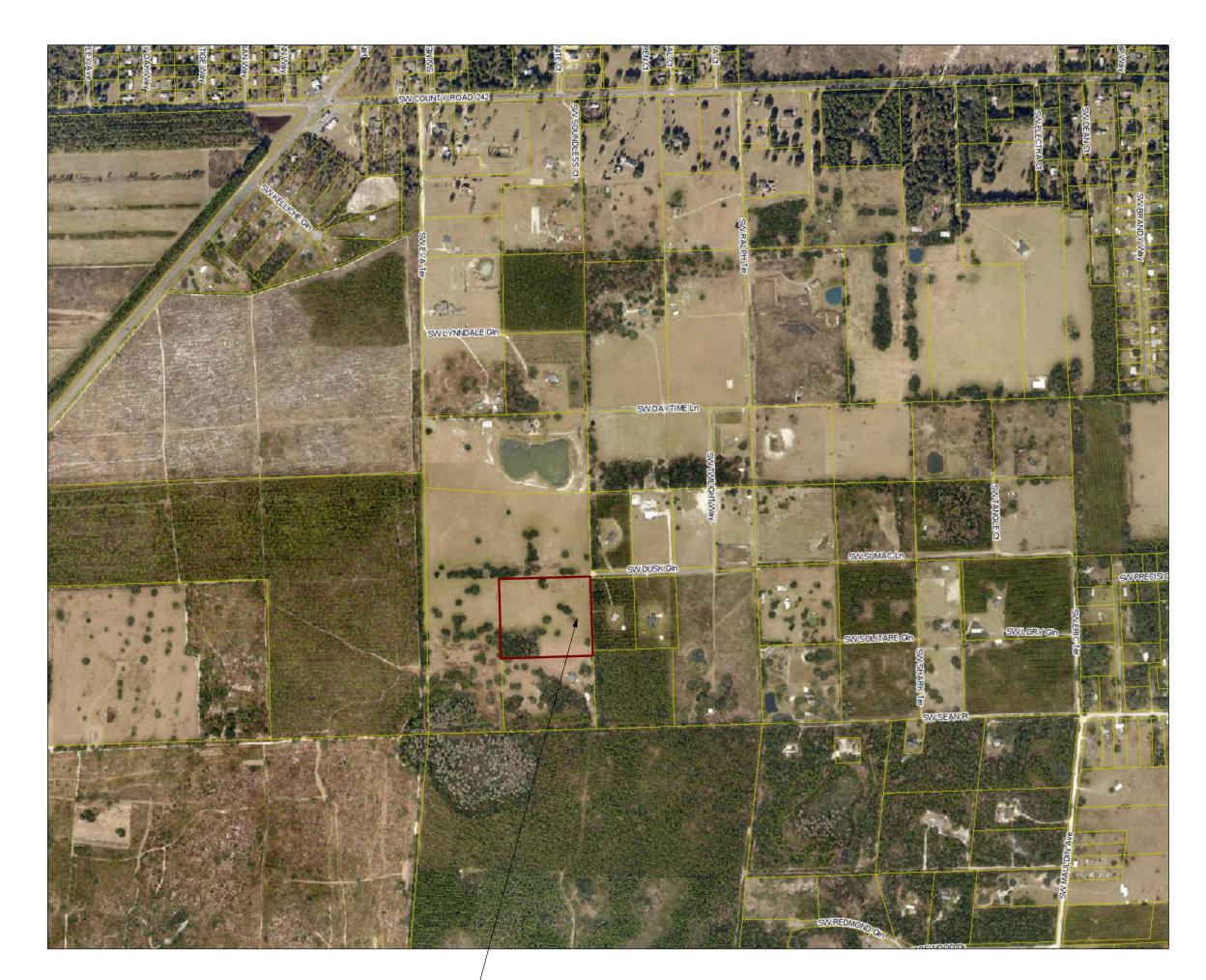
SOIL BEARING

ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 1,500 PSF

SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS IF SOIL CONDITIONS IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN.

30 PSF

10 PSF



PROJECT LOCATION **COLUMBIA COUNTY** 28-4S-16-03235-004

Plt. Ht. Plate Height

ABBREVIATIONS

A.D.	Alichol Doll	1 11.	1 1001	PIL HL	Plate neight
Abv.	Above	Fdn.	Foundation	Plt Sh.	Plant Shelf
A/C	Air-Conditioner	Flr. Sys.	Floor System	PSF	Pounds per square foo
Adj.	Adjustable	F.Pl.	Fireplace	P.T.	Pressure Treated
A.F.F.	Above Finished Floor	Ft.	Foot / Feet	Pwd.	Powder Room
A.H.U.	Air Handler Unit	Ftg.	Footing	Rad.	Radius
ALT.	Alternate	FX	Fixed	Ref.	Refrigerator
B.C.	Base Cabinet	Galv.	Galvanized	Req'd.	Required
B.F.	Bifold Door	G.C.	General Contractor	Rm.	Room
Bk Sh	Book Shelf	G.F.I.	Ground Fault Interrupter	Rnd.	Round
Bm.	Beam	G.T.	Girder Truss	R/SH	Rod and Shelf
BOT.	Bottom	Hdr.	Header	SD.	Smoke Detector
B.P.	Bypass door	Hgt.	Height	S.F.	Square Ft.
Brg.	Bearing	HB	Hose Bibb	Sh.	Shelves
Cir.	Circle	Int.	Interior	SHT	Sheet
Clg.	Ceiling	K/Wall	Kneewall	S.L.	Side Lights
Col.	Column	K.S.	Knee Space	S.P.F.	Spruce Pine Fir
Comp.	A/C Compressor	Laun.	Laundry	Sq.	Square
C.T.	Ceramic Tile	Lav.	Lavatory	S.Y.P.	Southern Yellow Pine
D	Dryer	L.F.	Linear Ft.	Temp.	Tempered
Dec.	Decorative	L.T.	Laundry Tub	Thik'n.	Thicken
Ded.	Dedicated Outlet	Mas.	Masonry	T.O.B.	Top of Block
Dbl.	Double	Max	Maximum	T.O.M.	Top of Masonry
Dia.	Diameter	M.C.	Medicine Cabinet	T.O.P.	Top of Plate
Disp.	Disposal	MDP	Master Distribution Panel	Trans.	Transom Window
Dist.	Distance	Mfgr.	Manufacturer	Тур.	Typical
D.S.	Drawer Stack	Micro.	Microwave	UĆL	Under Cabinet Lighting
D.V.	Dryer Vent	Min	Minimum	U.N.O.	Unless Noted Otherwis
D.W.	Dishwasher	M.L.	Microlam	VB	Vanity Base
Ea.	Each	Mir.	Mirror	Vert.	Vertical
E.W.	Each Way	Mono	Monolithic	V.L.	Versalam
Elec.	Electrical	N.T.S.	Not to Scale	VTR	Vent through Roof
Elev.	Elevation	Opn'g.	Opening	W	Washer
Ext.	Exterior	Opt.	Optional	W/	With
Exp.	Expansion	Pc.	Piece	W/C	Water Closet
F.B.C.	Florida Bldg. Code	Ped.	Pedestal	W.A.	Wedge Anchor
	Etataba di Eliana	D.I.	Dorollom		\A/ Y

Pounds per linear foot

Parallam

P.L.

PLF

INDEX O	F SHEETS
SHEET	DESCRIPTION
A-1	COVER SHEET
A-2	FLOOR PLAN
A-3	ELEVATIONS FRONT AND REAR
A-4	ELEVATIONS SIDES
A-5	FOUNDATION PLAN
A-6	ROOF PLAN
A-7	ELECTRICAL PLAN
A-8	SECTIONS AND FRAMING DETAILS
A-9	SHEARWALL DETAILS

GENERAL PLAN NOTES

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DIS-CREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

INORGANIC ARSENICAL PRESSURE TREATED WOOD SOME FRAMING MATERIALS SPECIFIED FOR THE CONSTRUCTION OF YOUR PROJECT SUCH AS SILLS OR EXTERIOR FRAMING ARE PRESSURE TREATED. EACH PIECE IS CLEARLY MARKED FOR EASY IDENTIFICATION AND IS USUALLY GREENISH IN COLOR.

THIS WOOD HAS BEEN PRESERVED BY PRESSURE-TREATMENT WITH AN EPA-REGISTERED PESTICIDE CONTAINING INORGANIC ARSENIC TO PROTECT IT FROM INSECT ATTACK AND DECAY. EXPOSURE TO TREATED WOOD MAY PRESENT CERTAIN HAZARDS, THEREFORE, PRECAUTIONS SHOULD BE TAKEN BOTH WHEN HANDLING THE TREATED WOOD AND IN DETERMINING WHERE TO USE OR DISPOSE OF THE TREATED WOOD.

FOR FURTHER INFORMATION ON THE USE OF AND DISPOSAL OF INORGANIC ARSENIC PRESSURE TREATED WOOD, PLEASE REFER TO THE EPA MATERIAL SAFETY SHEET DEALING WITH THIS PRODUCT.

PREFABRICATED WOOD TRUSSES

1. ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH **HURRICANE CLIPS OR ANCHORS**

- 2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- 3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPOR-TIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD. 4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS
- NOTED ON THE PLANS. 5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:
- DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS
- PLATE INSTITUTE TPI LATEST EDITION. 7. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES . SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES. BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, AND AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER. SUBMIT 3 COPIES FOR
- REVIEW AND APPROVAL PRIOR TO FABRICATION. 8. THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BEARING POINTS, AND SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS.

FIELD REPAIR NOTES

- 1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) "SIMPSON MTSM16 TWIST STRAP W/ (4) 1/4" X 2 1/4" DIA. TITENS TO THE BOND BEAM BLOCK AND (7) 10d TO THE TRUSS FOR UPLIFTS OF 1000 LBS. OR LESS. USE (2) FOR 2000 LBS. OR LESS. OTHERS MAY BE SUBSTITUTED ON A CASE BY CASE BASIS.
- 2. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUB-STITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3/4" DIA. X 6" DEEP UNITEX "PROPOXY" 300 ADHESIVE BINDER FOLLOWING ALL MANUFACTURERS RECOMMENDATIONS (OR 1/2" X 6" RAWL STUD EXPANSION ANCHORS.)
- 3. REGARDING MISSED REBAR IN VERTICAL FILLED CELLS: DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF THE OMITTED REBAR, AND INSTALL A 32" LONG #5 BAR INTO THE EPOXY FILLED HOLE. USE A TWO PART EMBEDDEMENT EPOXY (SIMPSON "EPOXY TIE SET", OR HILTI " 2 PART" EMBEDDMENT EPOXY), MIXED PER MANUFACTURER'S INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CURE TO MANUFACTURER'S SPECIFICATIONS, THEN FILL THE CELL IN THE NORMAL WAY DURING BOND BEAM POUR.
- 4. HURRICANE STRAPS MAY BE SUBSTITUTED WITH A STRAP OF GREATER HOLDOWN VALUE OR GREATER UPLIFT VALUE IN THE FIELD WITHOUT VERIFICATION, PROVIDED ALL MANUFACTURERS INSTALLATION INSTRUCTIONS ARE FOLLOWED.
- 5. FOR MORTER JOINTS LESS THAN 1/4", PROVIDE (1) #5 VERT. IN CONC. FILLED CELL EACH SIDE OF THE JOINT (BAR DOES NOT HAVE TO BE CONT. TO FOOTING)



CERTIFIED GENERAL CONTRACTOR CGC1514780

Fin. Flr. Finished Floor

Fixed Glass

F.G.

Anchor Bolt

LAKE CITY, FL. 32025 (386)755-5254



Wd

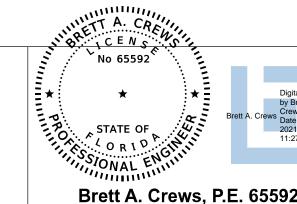
WP

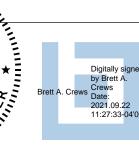
Water Proof

Wood

CERTIFICATE OF AUTHORIZATION NO. 28022

349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303





DRAWN BY:

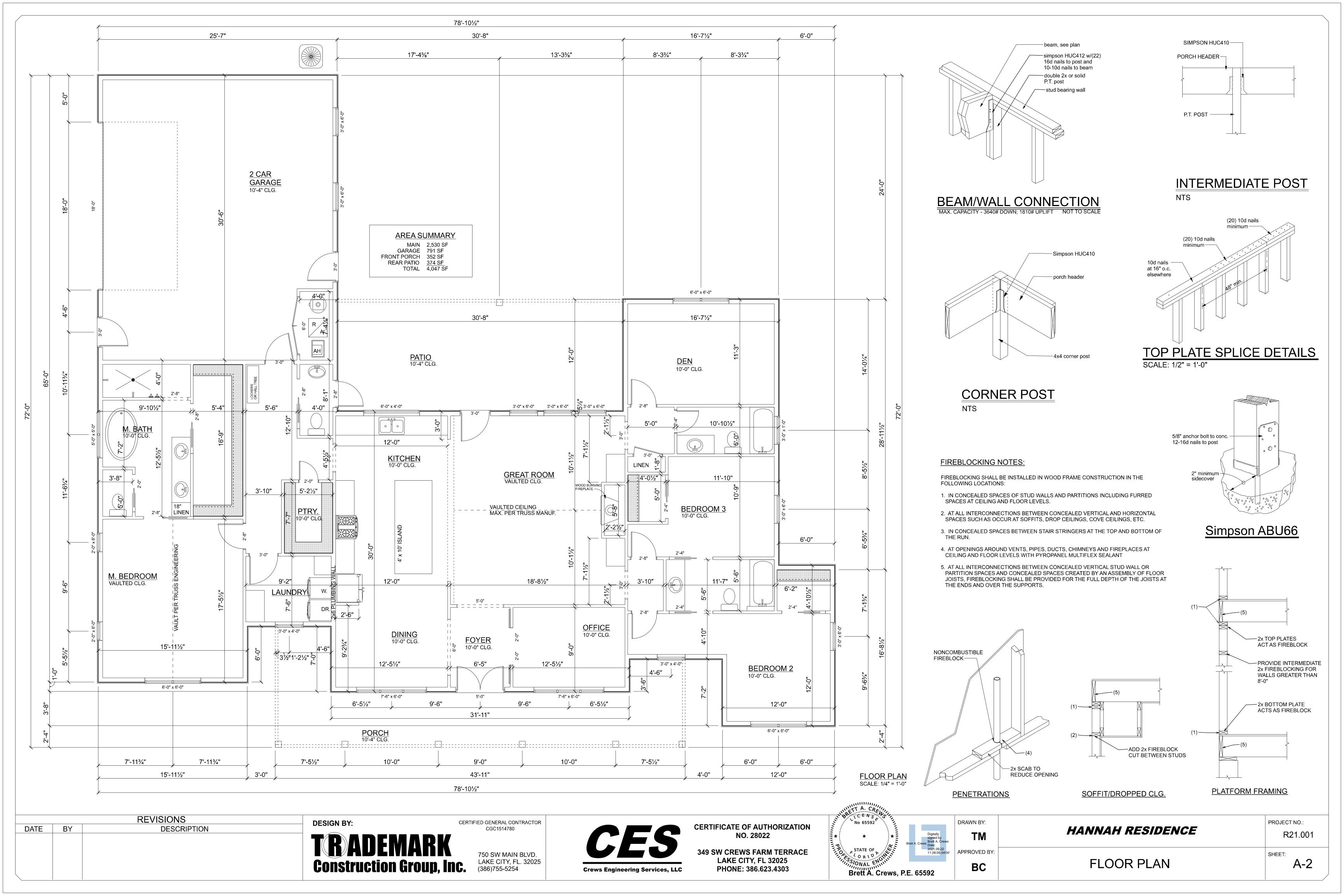
APPROVED BY:

HANNAH RESIDENCE

PROJECT NO.: R21.001

COVER SHEET

SHEET: A-1





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



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

DATE BY DESCRIPTION

TRADEMARK
Construction Group, Inc.

CERTIFIED GENERAL CONTRACTOR CGC1514780

> 750 SW MAIN BLVD. LAKE CITY, FL. 3202 (386)755-5254



CERTIFICATE OF AUTHORIZATION NO. 28022

349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303

1111	ETT A. CRA	Wing.
Z1. \$	No 65592	
**************************************	No 65592 * STATE OF SOLUTION OF SOLUTION ALENGEMENT OF STATE OF SOLUTION ALENGEMENT ALENGEMENT OF SOLUTION ALENGEMENT ALENGEM	★ Brett A
	Brett A. C	Crews, P.E.

					DF
Brett A	. Cre	ews	Digitally by Brett Crews Date: 2021.09 11:28:46	A. .22	AF

DRAWN BY:	
TM	
APPROVED BY:	

HANNAH RESIDENCE	
ELEVATIONS FRONT AND REAR	

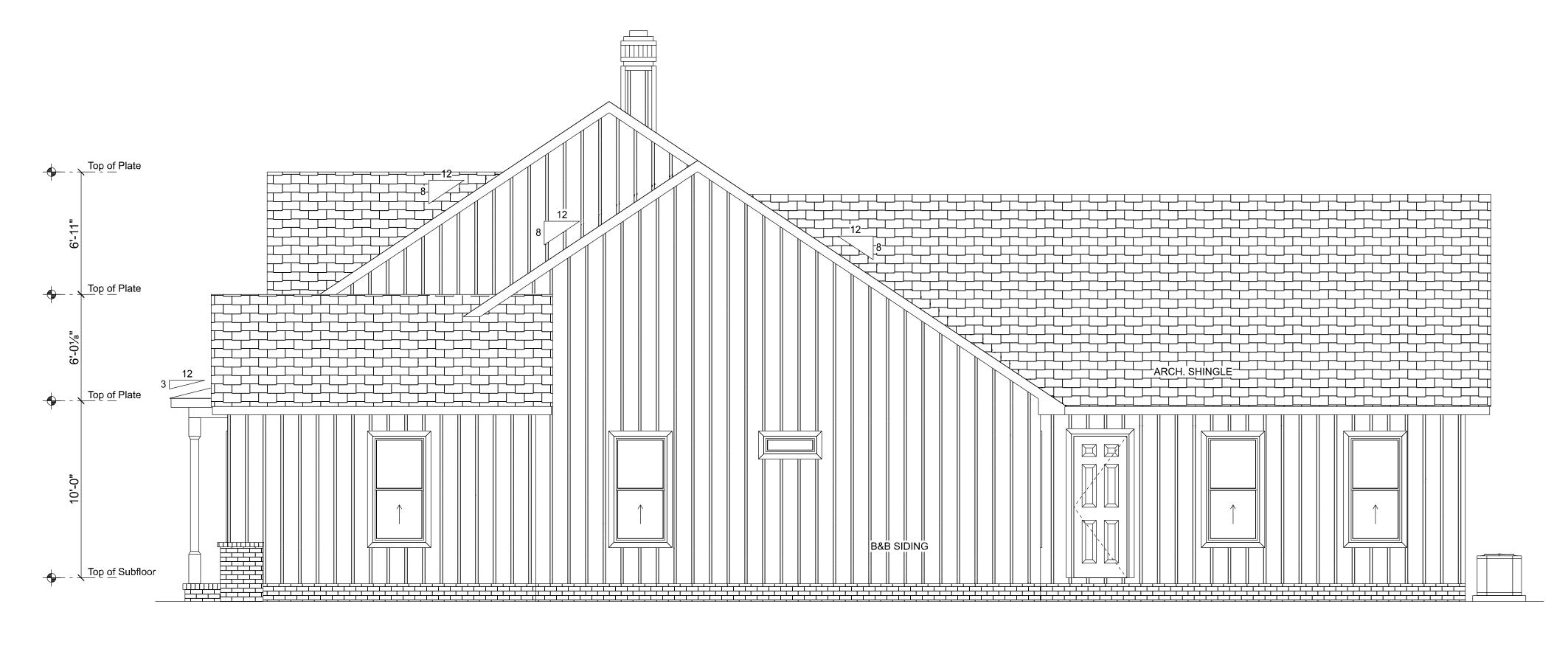
PROJECT NO.:

R21.001

A-3



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



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

		REVISIONS	DESIGN BY:	RTIFI
DATE	BY	DESCRIPTION		
			TRADEMARK Construction Group, Inc.	I

CERTIFIED GENERAL CONTRACTOR CGC1514780 750 SW MAIN BLVD.

LAKE CITY, FL. 32025 (386)755-5254



CERTIFICATE OF AUTHORIZATION NO. 28022

349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303

No 65592			
<u>*</u> * * <u>*</u>	Brett	A. Cr	Digital signed Brett A ews Date: 2021.0 11:29:
STATE OF A CREATING STATE	= .	65	5592

	DRAWN BY:
rs	TM
00'	APPROVED BY:

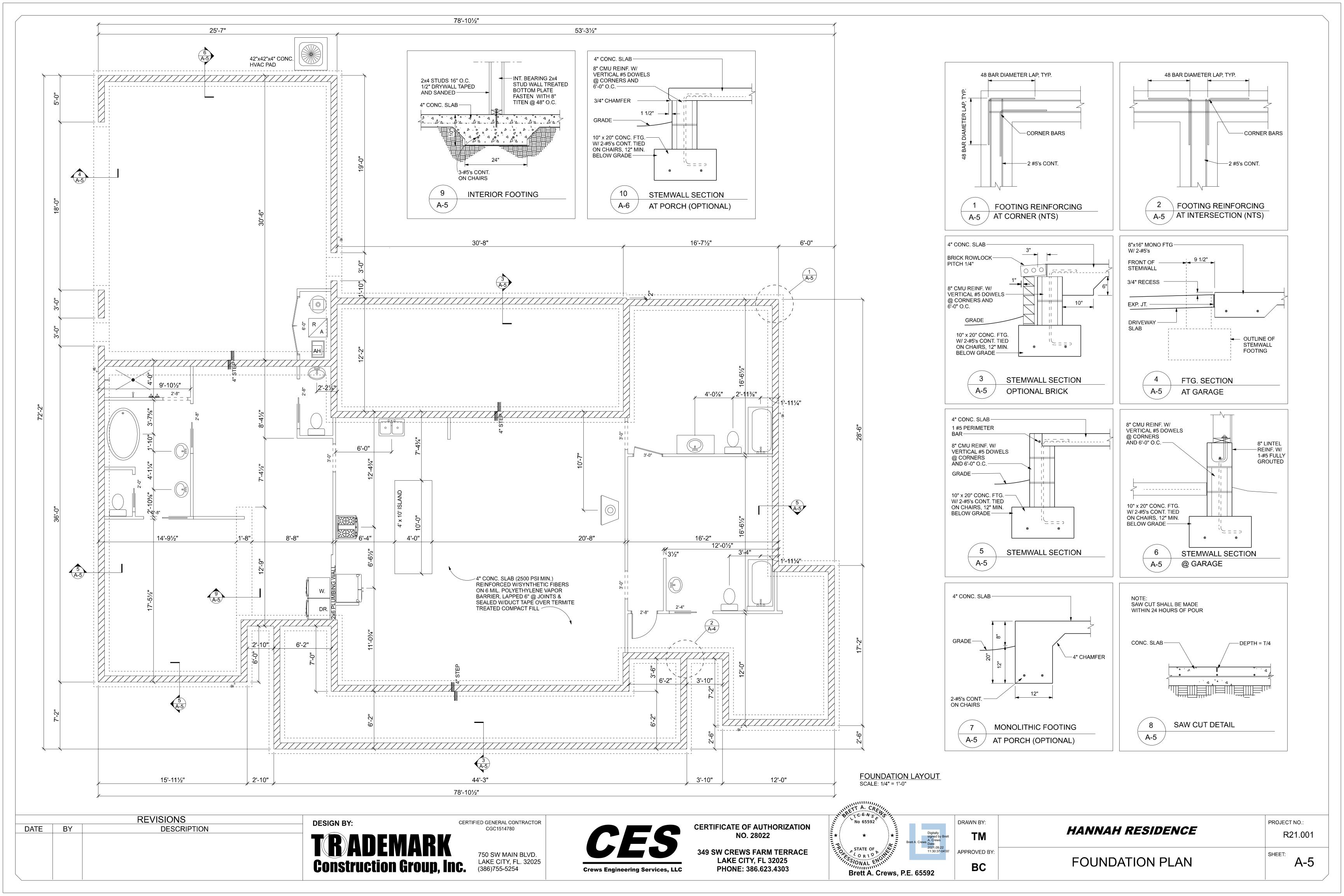
BC

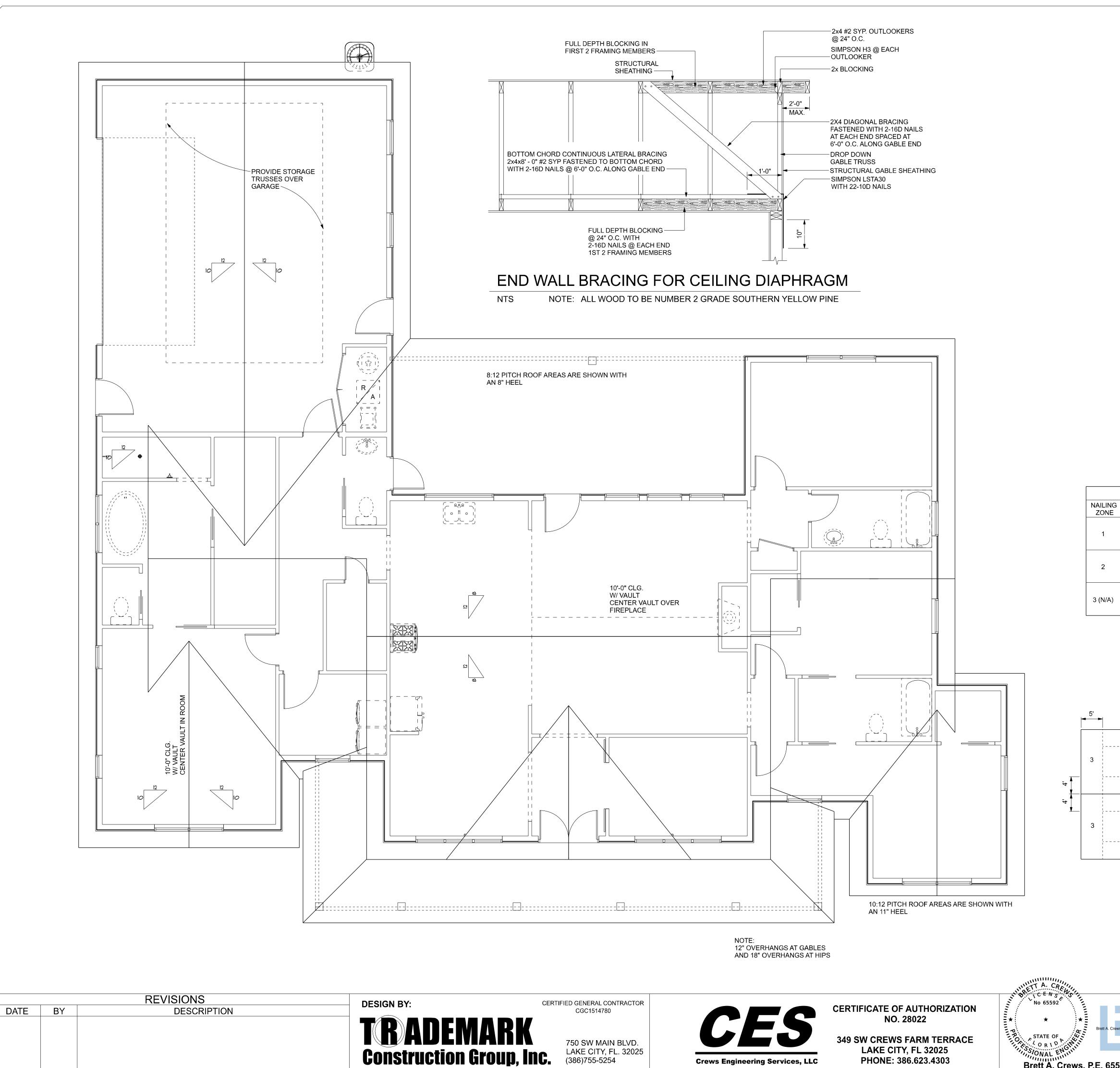
⁄: 1	HANNAH RESIDENCE
D BY:	

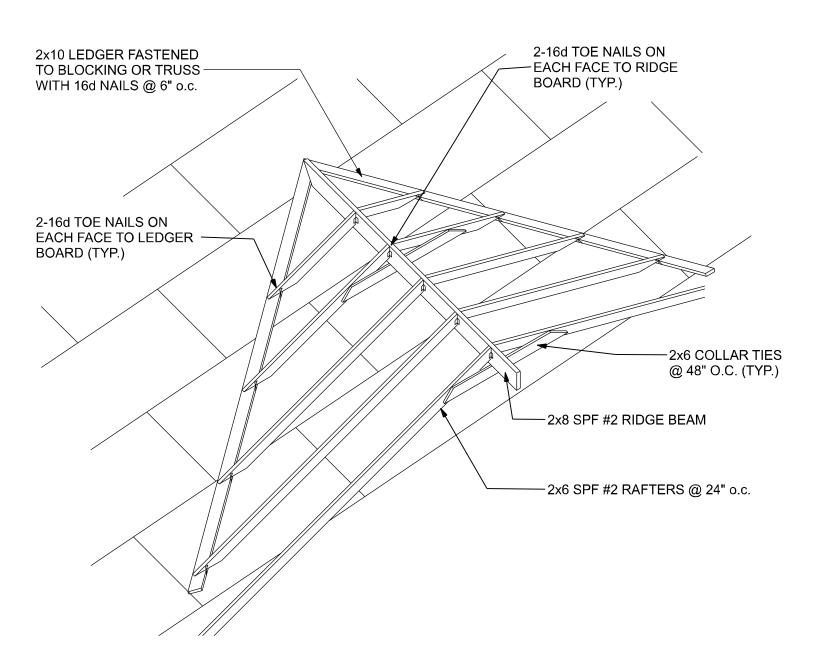
PROJECT NO.: R21.001

ELEVATIONS SIDES

A-4







ROOF INTERSECTION CONNECTION DETAIL

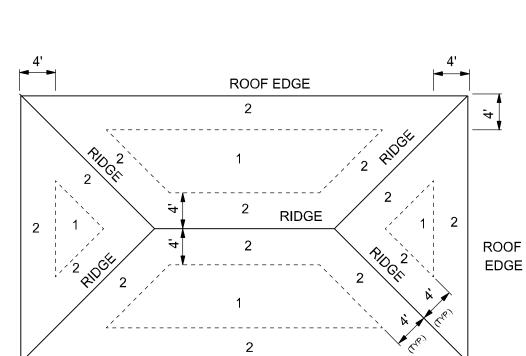
	ROOF SHEATHING FASTENERS				
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING		
1			6" O.C. EDGE 12" O.C. FIELD		
2	1/2" OSB	8D GALV. RING SHANK NAILS	6" O.C. EDGE 6" O.C. FIELD		
3 (N/A)			4" O.C. @ GABLES 6" O.C. EDGE 6" O.C. FIELD		

ROOF SHEATHING FASTENING

ROOF EDGE

RIDGE

EDGE



RIDGE VENT DETAIL

NOTE: VENTING SHALL BE PROVIDED SUCH THAT TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED

-CONT. RIDGE VENT AS PER "GAF"

-1/2" CDX PLYWOOD OR 7/16" OSB SHEATHING AS PER NAILING

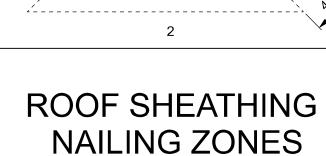
FRAMING AS PER ROOF FRAMING PLAN (TRUSSES OR LUMBER)

"COBRA RIGID VENT II" W/ SHINGLE COVERING

ROOFING NOTES

—SHINGLE ROOFING AS PER SCHEDULE ON PLANS - SEE

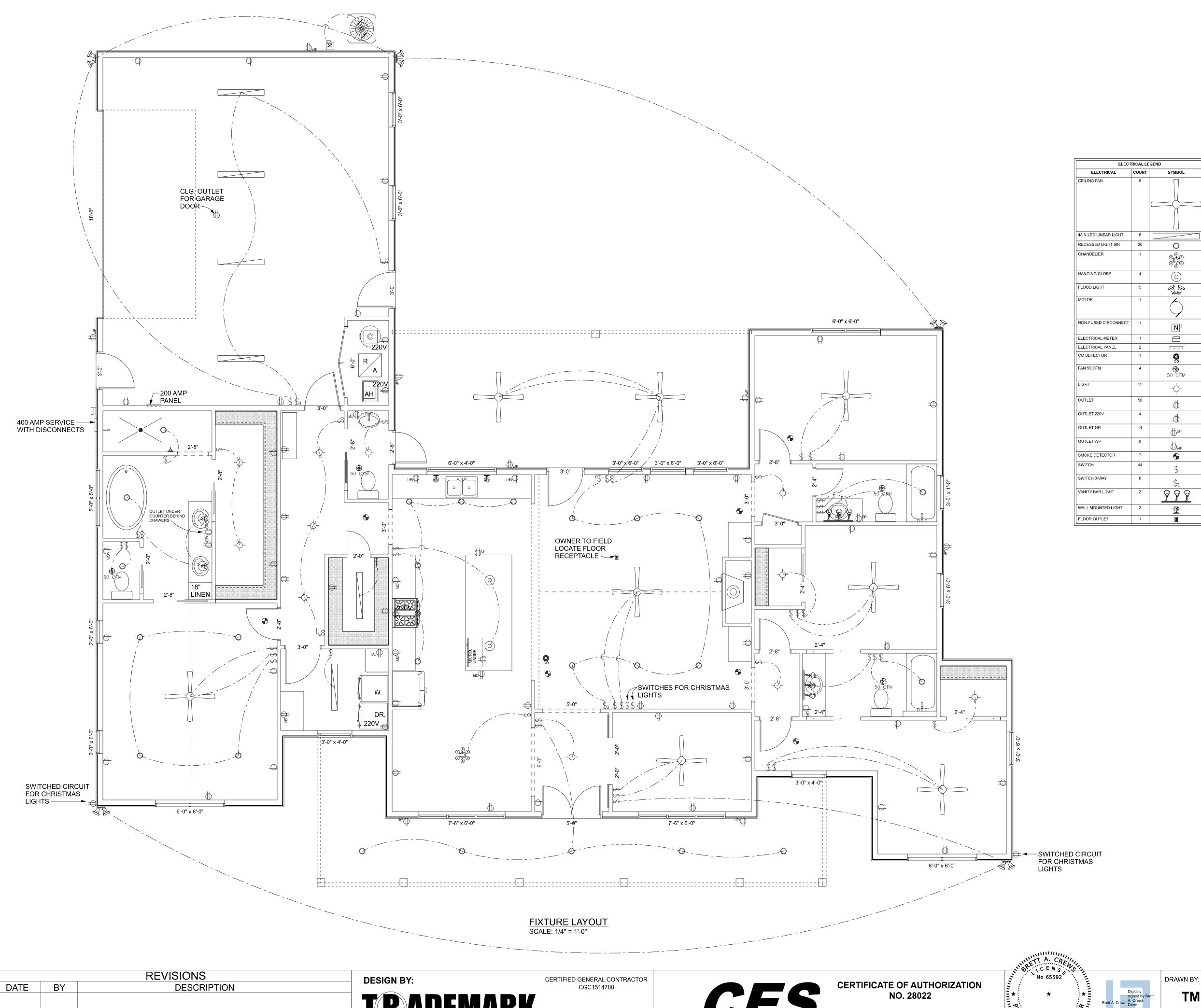
SCHEDULE ON PLANS



ROOF SHEATHING
NAILING ZONES
(GABLE ROOF)

NAILING ZONES (HIP ROOF)

PROJECT NO.: DRAWN BY: HANNAH RESIDENCE R21.001 TM PPROVED BY **ROOF PLAN** A-6 **Brett A. Crews, P.E. 65592**



WIRING NOTES:

WIRING, DISTRIBUTION EQUIPMENT AND DEVICES
A. CONDUCTORS: COPPER, IN ACCORDANCE WITH ASTM STANDARDS, SIZE
REFERENCE AWG. CONDUCTORS NO. 10 AND SMALLER SIZE SOLID, NO. 8 AND
LARGER, STRANDED. INSULATION OF CONDUCTOR THERMOPLASTIC, TYPE THHN (MIN. SIZE NO. 12) ANY WIRE INSTALLED OUTSIDE, UNDERGROUND, IN SLABS OR EXPOSED
TO MOISTURE SHALL

HAVE THWN INSULATION.
B. RACEWAYS: RIGID STEEL CONDUIT, FULL WEIGHT PIPE GALVANIZED, THREADED, AND MINIMUM 1/2 INCH EXCEPT AS NOTED OR REQUIRED FOR WIRING. ELECTRICAL METALLIC TUBING (EMT), THIN WALL PIPE, GALVANIZED, THREADLESS, COMPRESSION FITTINGS, AND MINIM 1/2" SIZE EXCEPT AS NOTED OR REQUIRED FOR WIRING. FLEXIBLE STEEL CONDUIT: CONTINUOUS SINGLE STRIP, GALVANIZED, AND MINIMUM 1/2" SIZE EXCEPT AS NOTED OR REQUIRED FOR WIRING. PVC CONDUIT, HEAVY DUTY TYPE, SIZE AS INDICATED. SEPARATE RACEWAYS SHALL BE USED FOR EACH VOLTAGE

C: DISCONNECT SWITCHES: GENERAL DUTY, HORSEPOWER RATED FOR MOTOR LOADS 250 VOLT RATING, FUSED OR NON-FUSED AS NOTED; NUMBER OF POLES AS INDICATED. ENCLOSURE NEMA 1 FOR INDOOR USE AND NEMA 3R FOR WEATHERPROOF APPLICATIONS. SWITCH TO BE SQUARE "D" OR EQUAL. D: CIRCUIT BREAKERS: MOLDED CASE, THERMAL-MAGNETIC, QUICK MAKE, QUICK BREAK, BOLT-ON TYPE WITH MANUALLY OPERATED INSULATED TRIP-FREE HANDLE. MULTI-POLE TYPES WITH INTERNAL COMMON TRIP BAR. TERMINALS SUITABLE FOR

COPPER OR ALUMINUM CONDUCTORS. INTERRUPTING CAPACITY MINIMUM 10,000 RMS

SYMMETRICAL AMPERES CIRCUIT CIRCUIT BREAKERS TO BE SQUARE "D", SIEMENS OR

EQUAL, TYPE AS REQUIRED.
E: PANELBOARDS: VOLTAGE, PHASING, AND AMPERE RATINGS AS INDICATED, CIRCUIT BREAKER TYPE AS INDICATED, BUSS BARS OF HARD DRAWN COPPER, MINIMUM 98% CONDUCTIVITY, GALVANIZED STEEL BACK BOX, DOOR AND TRIM. ALL CORNERS LAPPED AND WELDED, HARDWARE CHROME PLATED WITH FLUSH LOCK AND CATCH. HINGES SEMI-CONCEALED, 5 KNUCKLES STEEL WITH NONFERROUS PINS. 180 DEGREE OPENINGS. MINIMUM GUTTER SPACE 5-3/4" SIDES, TOP AND BOTTOM. INCREASE SIZE WHERE REQUIRED BY CODE. DIRECTORY HOLDER COMPLETE WITH CLEAR PLASTIC TRANSPARENT COVER INDICATING TYPWRITTEN LIST OF FEEDER CABLES, CONDUIT SIZES, CIRCUIT NUMBER, OUTLETS OF EQUIPMENT SUPPLIED, AND THEIR LOCATION. CIRCUIT BREAKER TYPE PANELBOARDS TO BE SQUARE "D" TYPE NQOD OR I-LINE, OR

IDENTIFYING THE SYSTEM VOLTAGE, PHASE, AND CURRENT RATING.
F: WIRING DEVICES: ALL DEVICES THEIR PRODUCT OF THE SAME MANUFACTURER.
WALL SWITCHES AND RECEPTACLES TO BE 20 AMP, 125 VOLT, UNLESS NOTED
OTHERWISE. COLOR TO BE SELECTED BY ARCHITECT.
G: DEVICE PLATES: PROVIDE FOR ALL OUTLETS WHERE DEVICES ARE INSTALLED.

EQUAL. A PLASTIC LABEL SHALL BE LOCATED ON EXTERIOR OF PANELBOARD

G: DEVICE PLATES: PROVIDE FOR ALL OUTLETS WHERE DEVICES ARE INSTALLED. PROVIDE ENGRAVED MARKING FOR SPECIAL OUTLETS (WHERE NOTED). PROVIDE BLANK PLATES FOR EMPTY OR FUTURE OUTLET BOXES. DEVICE AND DEVICE PLATE COLORS TO BE VERIFIED WITH ARCHITECT AND OWNER.

A. EQUIPMENT: GROUND NON-CURRENT CARRYING METAL PARTS OF PANEL BOARD, RECEWAYS AND ALL LIGHTING FIXTURES. ALL CONDUIT SHALL HAVE EQUIPMENT GROUNDING CONDUCTORS.

INSTALLATION:
A. SECURE ALL SUPPORTS TO BUILDING STRUCTURE AS SPECIFIED UNDER RACEWAYS. SUPPORT HORIZONTAL RUNS OF METALLIC CONDUIT NOT MORE THAN 10 FEET APART RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO

B. PASS RACEWAYS OVER WATER, STEAM OR OTHER PIPING WHEN PULL BOXES ARE NOT REQUIRED. NO RACEWAY WITHIN 3 INCHES OF STEAM OR HOT WATER PIPES, OR APPLIANCES. EXPECT CROSSING WHERE THE RACEWAY SHALL BE AT LEAST 2 INCHES FROM PIPE COVER.

C. CUT CONDUIT ENDS SQUARE, REAM SMOOTH. PAINT MALE THREADS OF FIELD THREADED CONDUIT WITH GRAPHITE BASED PIP COMPOUND. DRAW UP TIGHT WITH CONDUIT COUPLINGS.

D. LEAVE WIRE SUFFICIENTLY LONG TO PERMIT MAKING FINAL CONNECTIONS. IN RACEWAY OVER 50 FEET IN WHICH WIRING IS NOT INSTALLED. FURNISH PULL WIRE. E. VERIFY LOCATIONS OF OUTLETS AND SWITCHES.

F. SUPPORT PANEL, JUNCTION AND PULL BOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON CONDUITS.
G. CONNECT CONDUIT TO MOTOR CONDUIT TERMINAL BASES WITH FLEXIBLE CONDUIT; MINIMUM 18 INCHES IN LENGTH AND 50% SLACK. DO NOT TERMINATE IN OR

FASTEN RACEWAYS TO MOTOR FOUNDATION.
H. THIS CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL DISTRIBUTION SYSTEM AS REQUIRED; 120/208 VOLT, 1 PHASE, 100 AMP, FOR NEW CONSTRUCTION. ALL TEMPORARY WORK SHALL BE INSTALLED IN A NEAT AND SAFE MANNER.
I. CONTRACTOR TO REMOVE AND SALVAGE ALL ABANDONED ELECTRICAL EQUIPMENT

I. CONTRACTOR TO REMOVE AND SALVAGE ALL ABANDONED ELECTRICAL EQUIPMENT.

J. THIS CONTRACTOR SHALL WARRANT ALL LABOR AND MATERIALS FOR ONE YEAR
FROM DATE OF FINAL WRITTEN ACCEPTANCE.

ELECTRICAL PLAN NOTES

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS

TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

PROJECT NO.: HANNAH RESIDENCE R21.001 TRADEMARK 349 SW CREWS FARM TERRACE PPROVED BY 750 SW MAIN BLVD. SHEET: ELECTRICAL PLAN LAKE CITY, FL 32025 A-7 LAKE CITY, FL. 32025 (386)755-5254 **Construction Group, Inc.** PHONE: 386.623.4303 **Crews Engineering Services, LLC** Brett A. Crews, P.E. 65592

SHINGLE NOTES:

DECK REQUIREMENTS: ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 4:12 OR GREATER. FOR ROOF SLOPES FROM 3:12 TO 4:12, DOUBLE UNDERLAYMENT

UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM WITH ASTM D 226, TYPE 1, OR ASTM D 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET: SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY WITH ASTM D 1970.

ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE ROOF SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION: FOR ROOF SLOPES FROM 3:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS: STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:

BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16 INCHES WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN TABLE 1507.3.9.2. 2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER

A MINIMUM OF 36 INCHES WIDE. 3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:

- 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
- 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
- 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (LB)
COPPER			1
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0179	26 (zinc coated G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		2 1/2 20

-COMPOSITE SHINGLES INSTALLED PER MFGR. RECOMMENDATIONS OVER #15 FELT 1/2" O.S.B. ROOF SHEATHING INSTALLED PERPENDICULAR TO ROOF TRUSSES WITH STAGGERED END JOINTS. NAILED WITH 8d RINGSHANK NAILS @ 6" O.C. ON EDGES AND 12" O.C. IN FIELDS OVER ENG. WOOD TRUSSES @ 24" O.C. SEE PLAN SEE CONNECTOR SCHEDULE R-30 BATT OR -FOR TRUSS ANCHORAGE **BLOWN INSULATION** WITH INSULATION BAFFLE AT EAVE SEE ELEVATIONS TOP OF PLATE 1/2" OR 5/8" GYP. BD. CEILING TAPED AND SPRAYED 2x6 SUBFASCIA ALUM DRIP EDGE ALUM FASCIA VINYL VENTED SOFFIT 1'-6" 1/2" GYP. BD. TAPED AND PAINTED R-13 BATT INSULATION -6" VINYL SIDING 7/16" OSB WALL SHEATHING 1/2" ALL THREAD ROD FASTEN W/ 8d COMMON FROM FOUNDATION TO TOP PLATE, FASTENED @ 6" O.C. EDGES / 12" O.C. INT TO WITH NUT AND 3"x3" WASHER NO. 15 FELT 2 x 6 #2 SPF GRADE OR BTR. STUDS @ 16" O.C. P.T. PLATE ANCHORED PER SHEARWALL PLAN 4" CONC. SLAB (2500 PSI. MIN.)-REINFORCED WITH SYNTHETIC FIBERS ON 6 MIL. POLYETHYLENE VAPOR BARRIER, LAPPED 6" @ JOINTS AND SEALED WITH DUCT TAPE OVER TERMITE TREATED COMPACTED FILL 100'-0" (ASSUMED) TOP OF SLAB ______ -8" CMU STEMWALL REINF. WITH GRADE #5 DOWELS IN FULLY GROUTED CELLS @ CORNERS AND 4'-0" O.C. FOUNDATION PLAN -12" MIN DISTANCE BELOW GRADE

TYPICAL WALL SECTION

3/4" = 1'-0"

CONSTRUCTION DOCUMENTS: THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

DO NOT SCALE THESE PLANS:

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMATIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLAN SETS:

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THES PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENGINEER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.

-VALLEY METAL — ASPHALT SHINGLES SHEATHING -UNDERLAYMENT -MIN. 2" OVERLAP 16" EAVE DRIP -

GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FORM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- 3. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- 4. THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL

- THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- 8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED

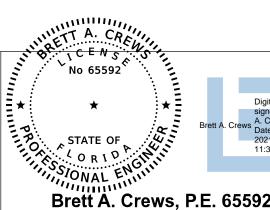
DESIGN BY:

CERTIFIED GENERAL CONTRACTOR CGC1514780 750 SW MAIN BLVD.

Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION NO. 28022

349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303



SEE PLAN

VINYL SOFFIT

OVER 1x FURRING 24" O.C.

TYP. PORCH SECTION

SCALE: NTS

SIMPSON H2.5

PER MANUFACTURER

SEE ELEVATIONS

TOP OF PLATE

VINYL VENTED SOFFIT

2x6 SUBFASCIA

ALUM FASCIA

SIMPSON HUC212-2

−P.T. 6x6

PER MANUFACTURER

SIMPSON ABW66 FASTENED WITH 1/2" TITEN MIN. 5" EMBED

FOR FOOTING DETAILS

AND 12 - 10D 3" TREATED NAILS

TOP OF SLAB

ALUM DRIP EDGE

					DF
Br	ett A	. Cre	Digitally signed b A. Crews Date: 2021.09 11:32:56	.22	AF

DRAWN BY:	
TM	
APPROVED BY:	

DRAWN BY:	
TM	
APPROVED BY:	

BC

HANNAH RESIDENCE

R21.001

PROJECT NO.:

SECTIONS AND FRAMING DETAILS

<u>UPLIFT CONNECTORS</u>

FIELD REPAIR NOTES

1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON

MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES.

INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED

TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS WOULD

1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY

(4) 1/4" X 2 1/4" DIA. TITENS TO THE BOND BEAM BLOCK

LESS. USE (2) FOR 2000 LBS. OR LESS. OTHERS MAY BE

SUBSTITUTED ON A CASE BY CASE BASIS.

RAWL STUD EXPANSION ANCHORS.)

AND (7) 10d TO THE TRUSS FOR UPLIFTS OF 1000 LBS. OR

2. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUB-

ALL MANUFACTURERS RECOMMENDATIONS (OR 1/2" X 6"

DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF

THE OMITTED REBAR, AND INSTALL A 32" LONG #5 BAR INTO

THE EPOXY FILLED HOLE. USE A TWO PART EMBEDDEMENT

INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM

DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND

AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY.

THEN FILL THE CELL IN THE NORMAL WAY DURING BOND BEAM

GREATER HOLDOWN VALUE OR GREATER UPLIFT VALUE IN THE

FIELD WITHOUT VERIFICATION, PROVIDED ALL MANUFACTURERS

-FLASHING PLACED UPSLOPE FROM

EXPOSED EDGE OF SHINGLE EXTENDING 4 INCHES OVER

UNDERLYING SHINGLE AND 4 INCHES UP VERTICAL WALL

-UNDERLAYMENT TURNED UP

VERTICAL WALL MIN. 4 INCHES

4. HURRICANE STRAPS MAY BE SUBSTITUTED WITH A STRAP OF

5. FOR MORTER JOINTS LESS THAN 1/4", PROVIDE (1) #5 VERT.

IN CONC. FILLED CELL EACH SIDE OF THE JOINT (BAR DOES

INSTALLATION INSTRUCTIONS ARE FOLLOWED.

NOT HAVE TO BE CONT. TO FOOTING)

ALLOW THE EPOXY TO CURE TO MANUFACTURER'S SPECIFICATIONS,

3. REGARDING MISSED REBAR IN VERTICAL FILLED CELLS:

EPOXY (SIMPSON "EPOXY TIE SET", OR HILTI " 2 PART"

EMBEDDMENT EPOXY), MIXED PER MANUFACTURER'S

STITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3/4" DIA. X 6"

DEEP UNITEX "PROPOXY" 300 ADHESIVE BINDER FOLLOWING

BE SUBSTITUTED W/ (1) "SIMPSON MTSM16 TWIST STRAP W/

NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT

THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

A-8

DATE BY **DESCRIPTION**

REVISIONS

TRADEMARK **Construction Group, Inc.** LAKE CITY, FL. 32025