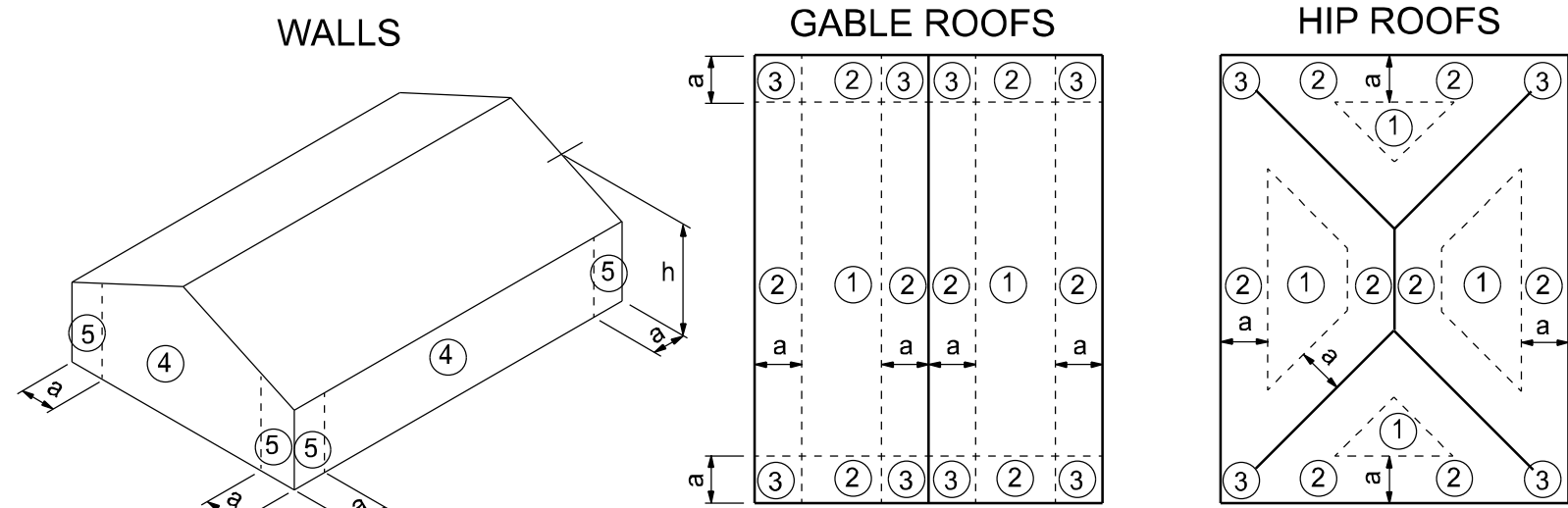


ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE 6TH EDITION (2017)		
FLOOR AND ROOF LIVE LOADS		
UNINHABITABLE ATTICS:	20 PSF	
HABITABLE ATTICS, BEDROOM:	30 PSF	
ALL OTHER ROOMS:	40 PSF	
GARAGE:	40 PSF	
ROOFS:	20 PSF UNIFORM	
WIND DESIGN DATA		
ULTIMATE WIND SPEED:	130 MPH	
NOMINAL (BASIC) WIND SPEED:	101 MPH	
RISK CATEGORY:	II	
WIND EXPOSURE:	B	
ENCLOSURE CLASSIFICATION:	ENCLOSED	
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 OVERHANGS:	-31.1 PSF MIN.	
ROOFING AT ZONE 3 OVERHANGS:	-31.1 PSF MIN.	
STUCCO, CLADDING, DOORS AND WINDOWS		
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.



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

CODES:	FLORIDA BUILDING CODE 6TH EDITION (2017) 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:	ROOF	20 PSF (REDUCIBLE)
	RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED	40 PSF
WIND LOADS: (F.B.C.)	BALCONIES	40 PSF
	STAIRS	40 PSF
CONCRETE STRENGTH @ 28 DAYS	LIGHT PARTITIONS (DEAD LOAD), U.N.O.	20 PSF
	WIND LOADS BASED ON FBC, SECTION 1609 WIND VELOCITY: 120 M.P.H., USE FACTOR: 1.0	
REINFORCING:	ALL CONCRETE UNLESS OTHERWISE INDICATED	2500 PSI
	PEA GRAVEL CONCRETE FOR MASONRY CELLS ONLY (DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS)	3000 PSI
CONCRETE MASONRY UNITS:	WELDED WIRE FABRIC SHALL CONFORM TO	ASTM A185
	ALL REINFORCING BARS	ASTM A615-40 40,000 PSI
STRUCTURAL STEEL:	ALL STIRRUPS AND TIES	ASTM A615-40 40,000 PSI
	ASTM C90-99b, STANDARD WEIGHT UNITS, fm=1500 PSI MORTAR TYPE "S", 1800 PSI CONCRETE GROUT: 3000 PSI CONTINUOUS MASONRY INSPECTION IS REQUIRED DURING CONSTRUCTION	
WOOD FRAMING:	ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 PSI, U.N.O. SHOP AND FIELD WELDS: E70XX ELECTRODES ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307	
	BEAMS, RAFTERS, JOIST PLATES, ETC. U.N.O. 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.	
WOOD ROOF TRUSSES:	DESIGN LOADS: TOP CHORD LIVE AND DEAD LOAD:	30 PSF
	BOTTOM CHORD DEAD LOAD:	10 PSF
SOIL BEARING VALUE:	TOTAL:	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 DEAD LOAD.	
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.		



PROJECT LOCATION

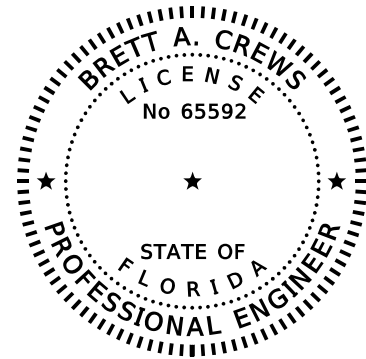
JONES RESIDENCE

ABBREVIATIONS

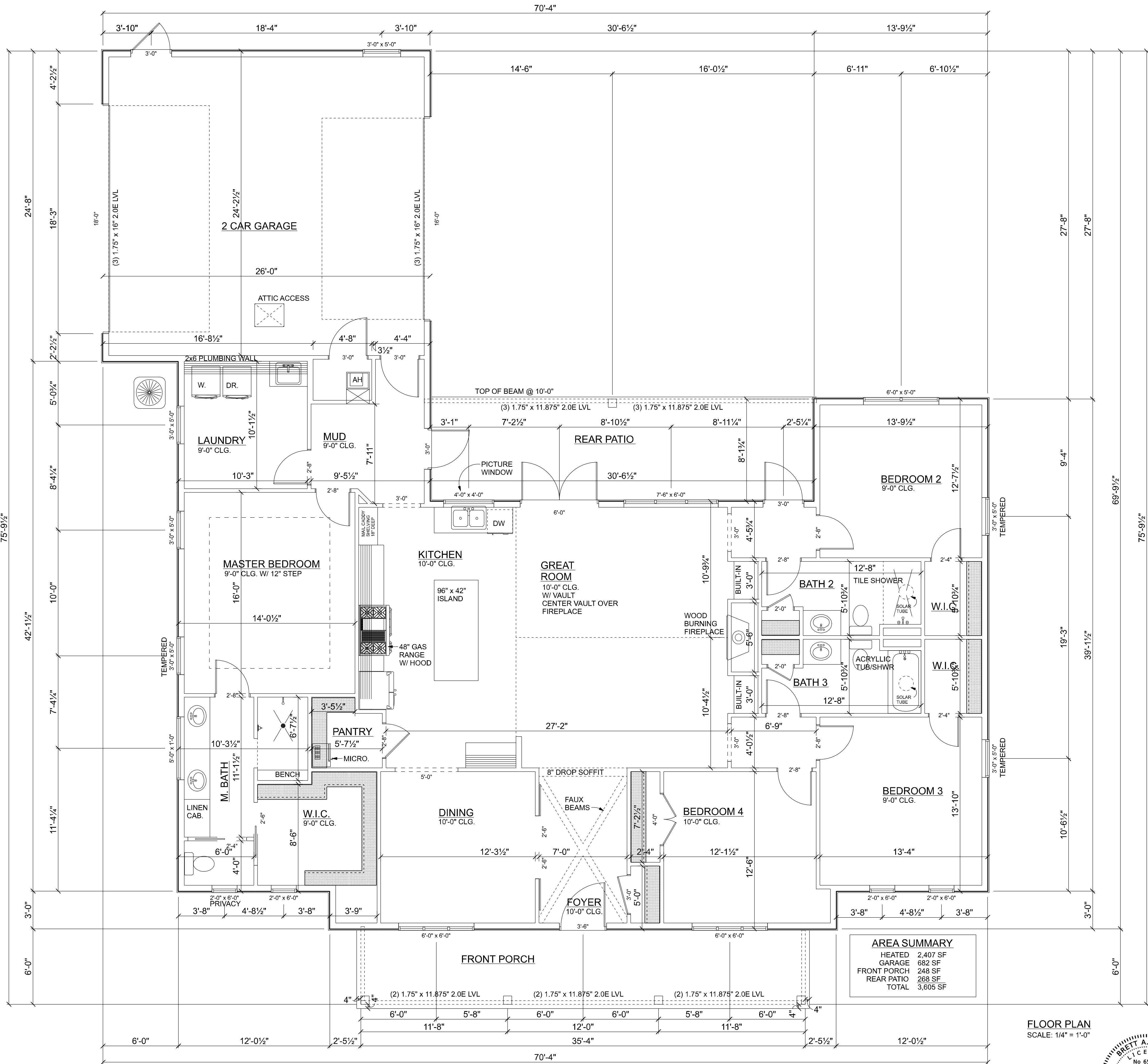
A.B.	Anchor Bolt	Fir.	Floor	Plt. Ht.	Plate Height
Abv.	Above	Fdn.	Foundation	Plt Sh.	Plant Shelf
A/C	Air-Conditioner	Fir. Sys.	Floor System	PSF	Pounds per square foot
Adj.	Adjustable	F.Pl.	Fireplace	P.T.	Pressure Treated
A.F.F.	Above Finished Floor	Fl.	Foot / Feet	Pwd.	Powder Room
A.H.U.	Air Handler 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 FL	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	Manuf.	Manufacturer	Typ.	Typical
D.S.	Drawer Stack	Micro.	Microwave	UCL	Under Cabinet Lighting
D.V.	Dryer Vent	Min	Minimum	U.N.O.	Unless Noted Otherwise
D.W.	Dishwasher	M.L.	Microclam	VB	Vanity Base
Ea.	Each	Mir.	Mirror	Vert.	Vertical
E.W.	Each Way	VL.	Versalamb	V.L.	Versalamb
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
Fir.	Finished Floor	PL	Parallam	Wd	Wood
F.G.	Fixed Glass	PLF	Pounds per linear foot	WP	Water Proof

INDEX OF SHEETS

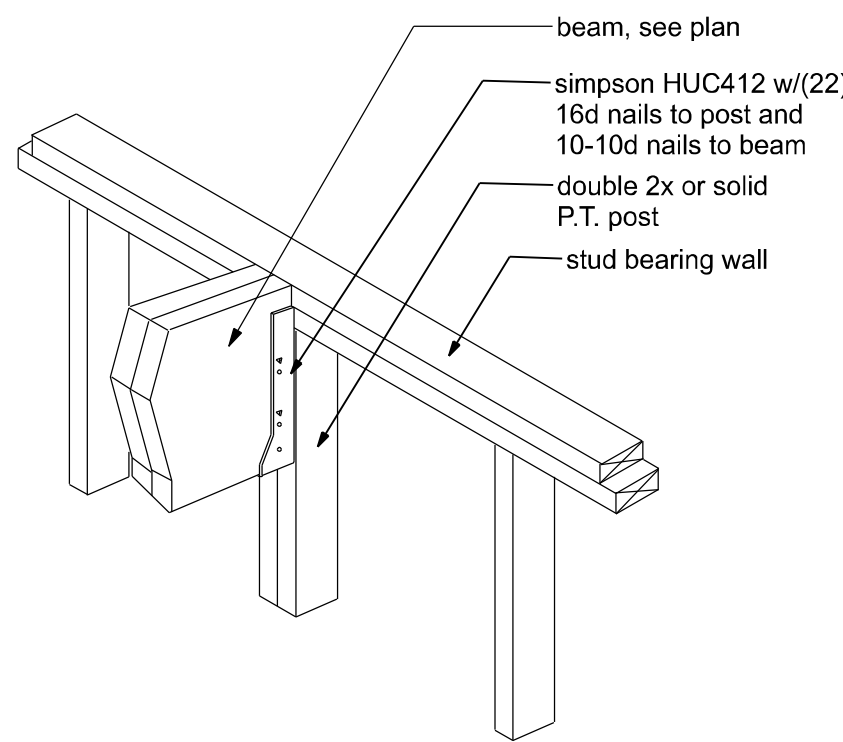
SHEET	DESCRIPTION
A-1	COVER SHEET
A-2	FLOOR PLAN
A-3	ELEVATIONS FRONT AND REAR
A-4	ELEVATIONS SIDES
A-5	FOUNDATION PLAN
A-6	ROOF PLAN
A-7	ELECTRICAL PLAN
A-8	SECTIONS AND FRAMING DETAILS
A-9	SHEARWALL DETAILS



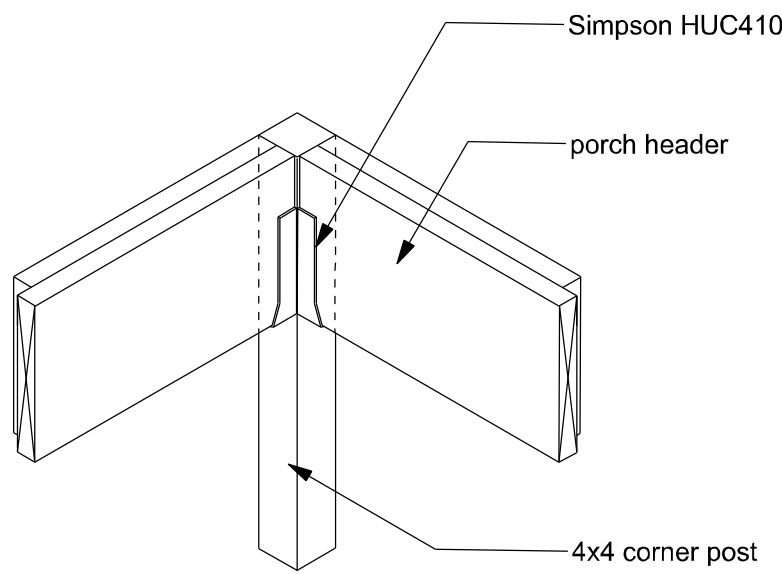
REVISIONS			DESIGN BY:	CERTIFIED GENERAL CONTRACTOR	CERTIFICATE OF AUTHORIZATION	DRAWN BY:	APPROVED BY:	PROJECT NO.:
DATE	BY	DESCRIPTION						
			TRADEMARK Construction Group, Inc.	CDC1514780	CES Crews Engineering Services, LLC	Brett A. Crews, P.E. 65592	TM BC	JONES RESIDENCE R20.004
								COVER SHEET A-1



AREA SUMMARY	
HEATED	2,407 SF
GARAGE	682 SF
FRONT PORCH	248 SF
REAR PATIO	268 SF
TOTAL	3,605 SF



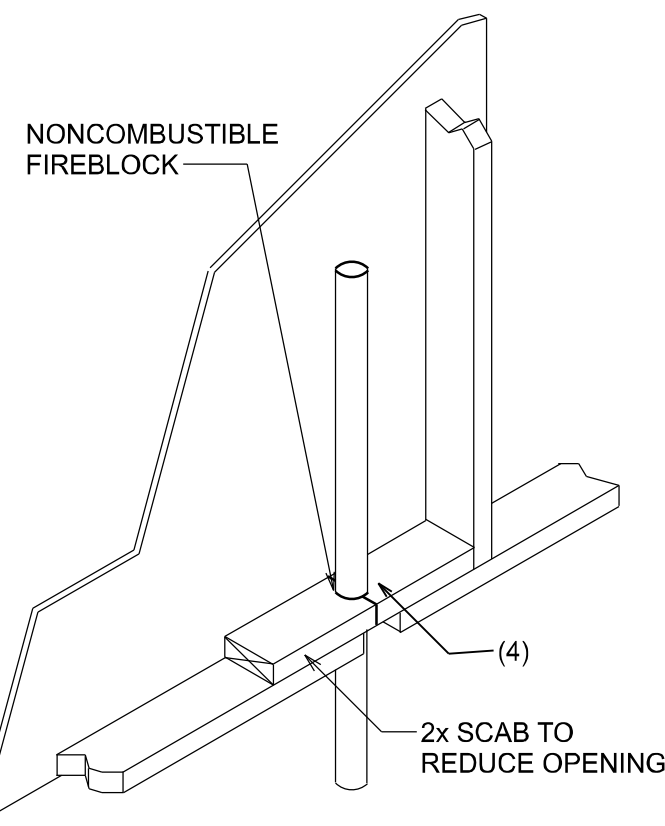
BEAM/WALL CONNECTION
MAX. CAPACITY - 3640# DOWN; 1810# UPLIFT NOT TO SCALE



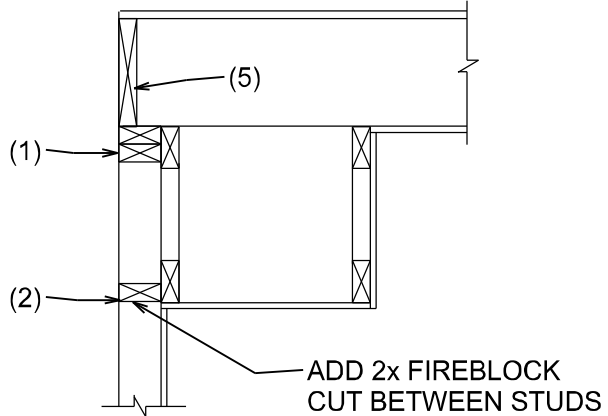
CORNER POST
NTS

FIREBLOCKING NOTES:

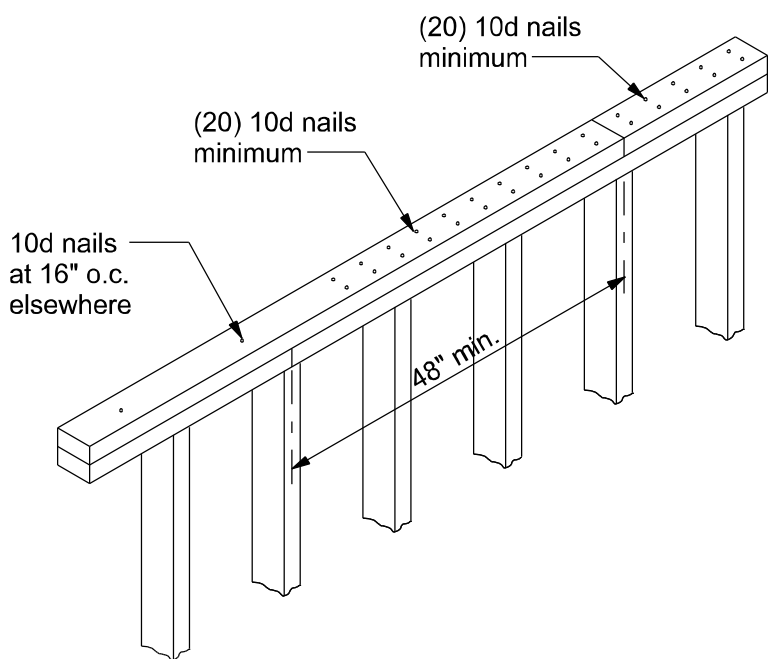
- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
 - IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
 - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYROPANEL MULTIFLEX SEALANT
 - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.



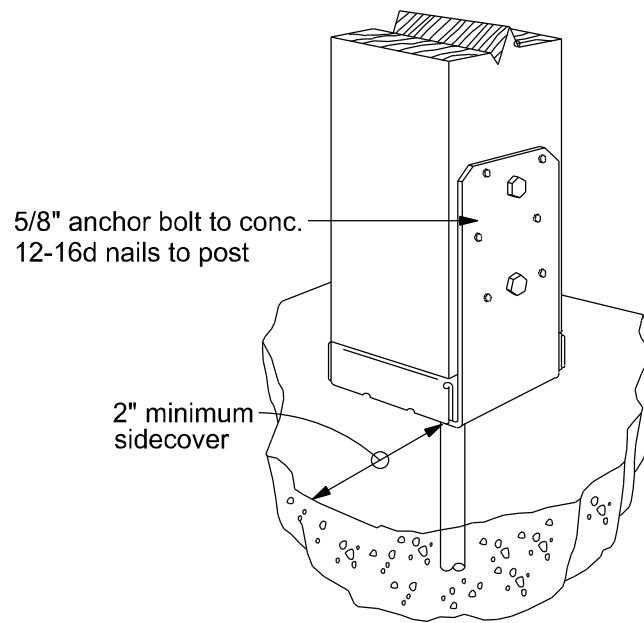
PENETRATIONS



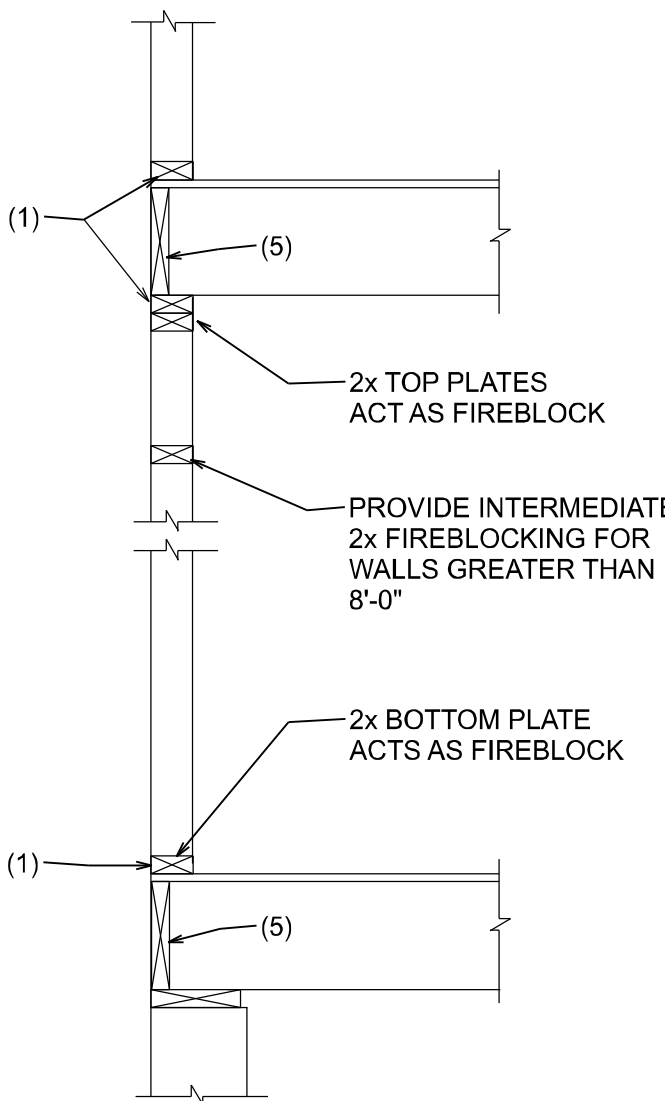
SOFFIT/DROPPED CLG.



TOP PLATE SPLICE DETAILS
SCALE: 1/2" = 1'-0"



Simpson ABU66



PLATFORM FRAMING

REVISIONS		
DATE	BY	DESCRIPTION

DESIGN BY:

TRADEMARK
Construction Group, Inc.

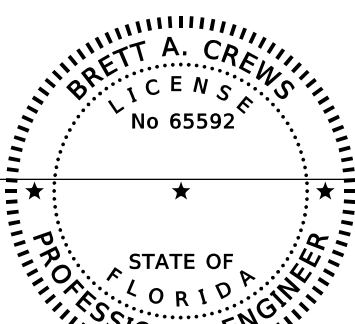
CERTIFIED GENERAL CONTRACTOR
CGC1514780

750 SW MAIN BLVD.
LAKE CITY, FL. 32025
(386)755-5254

CES
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION
NO. 28022

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



Brett A. Crews
Brett A. Crews, P.E. 65592

DRAWN BY:

TM

APPROVED BY:

BC

JONES RESIDENCE

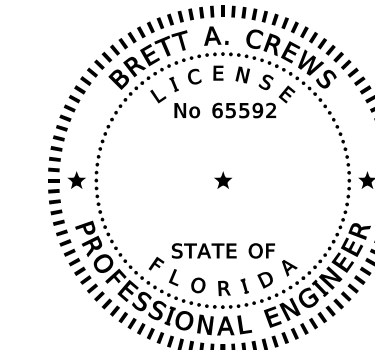
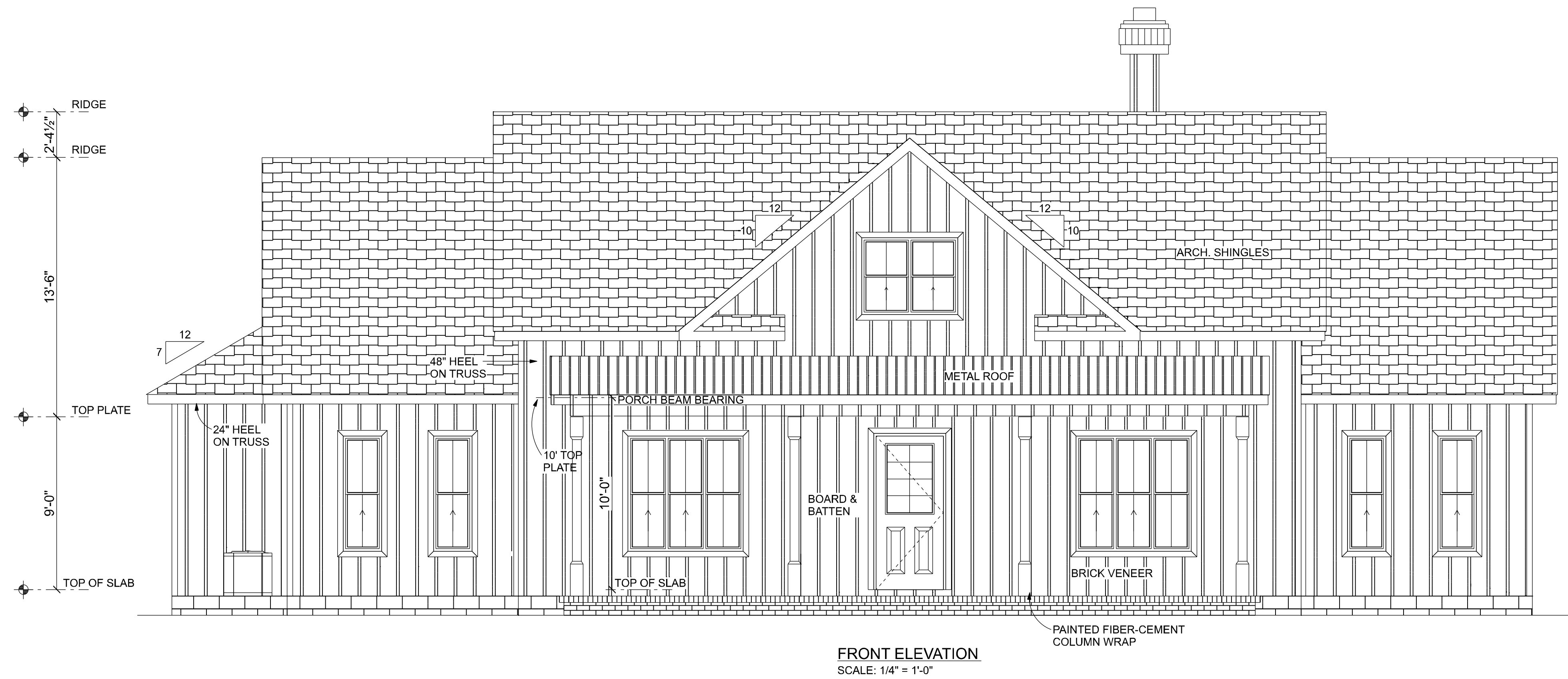
FLOOR PLAN

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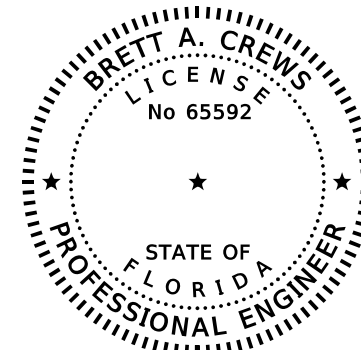
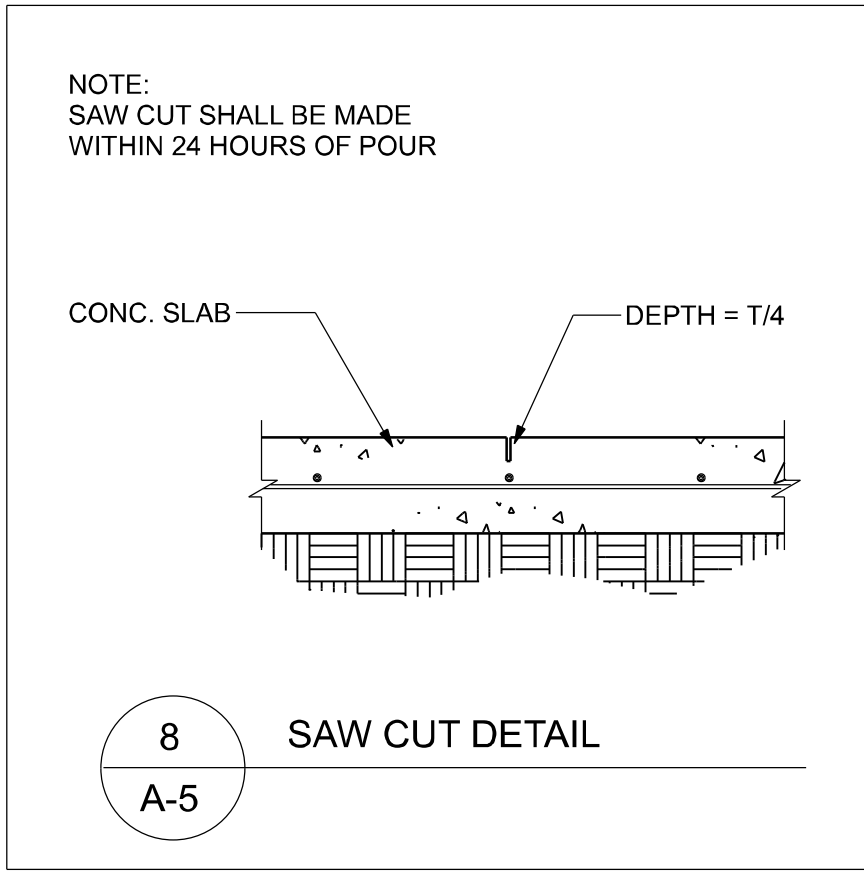
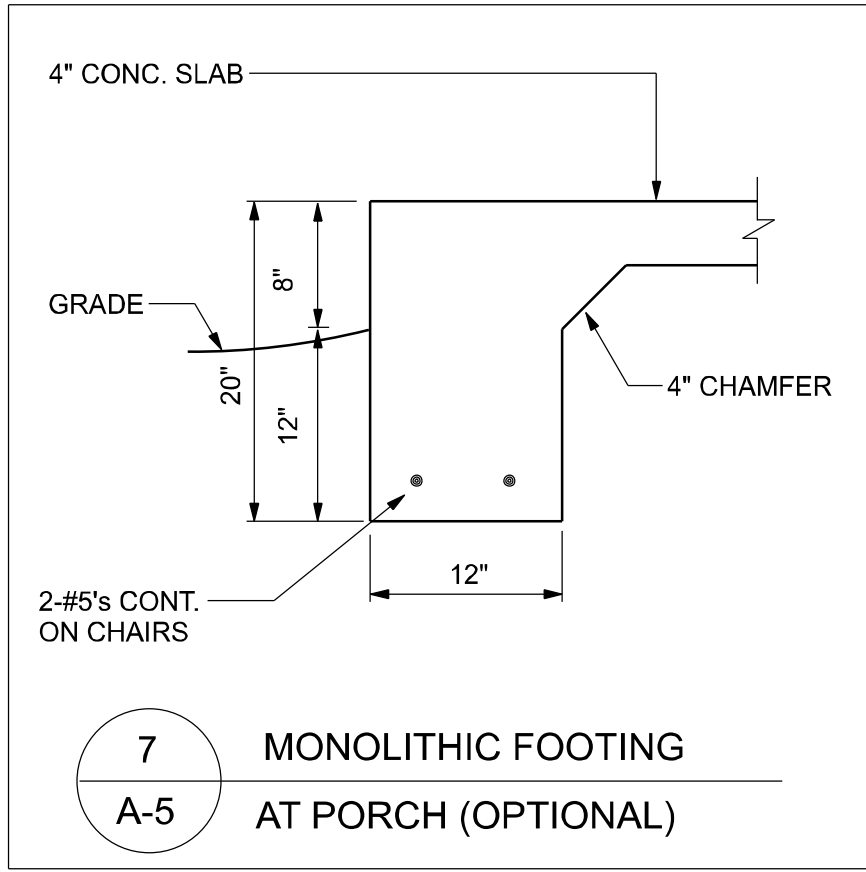
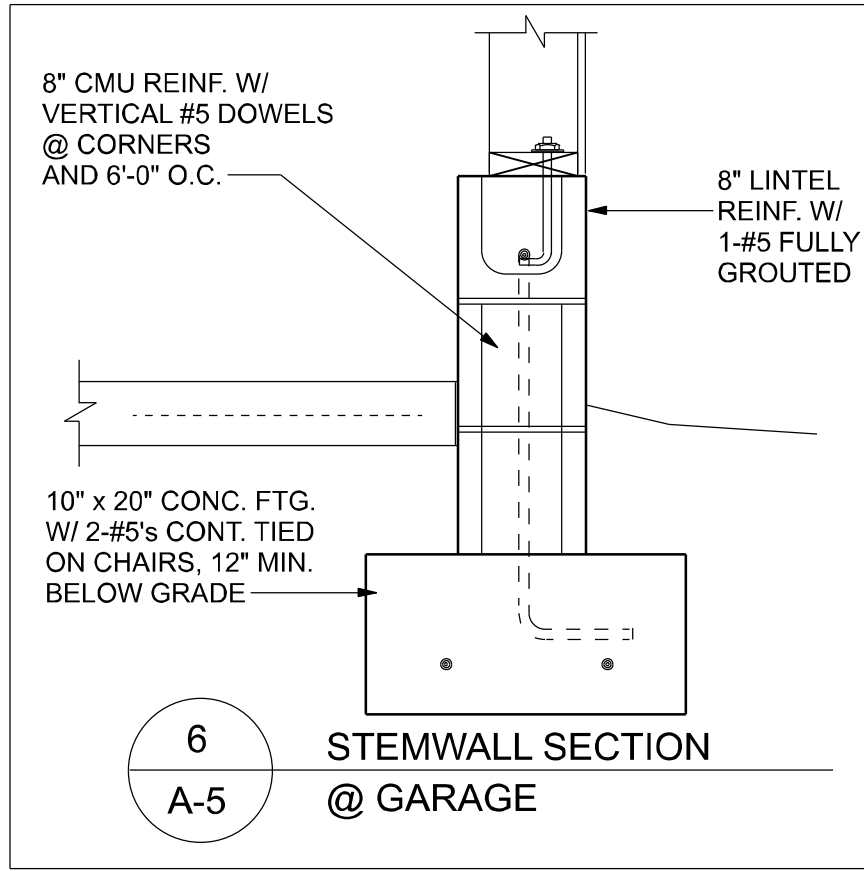
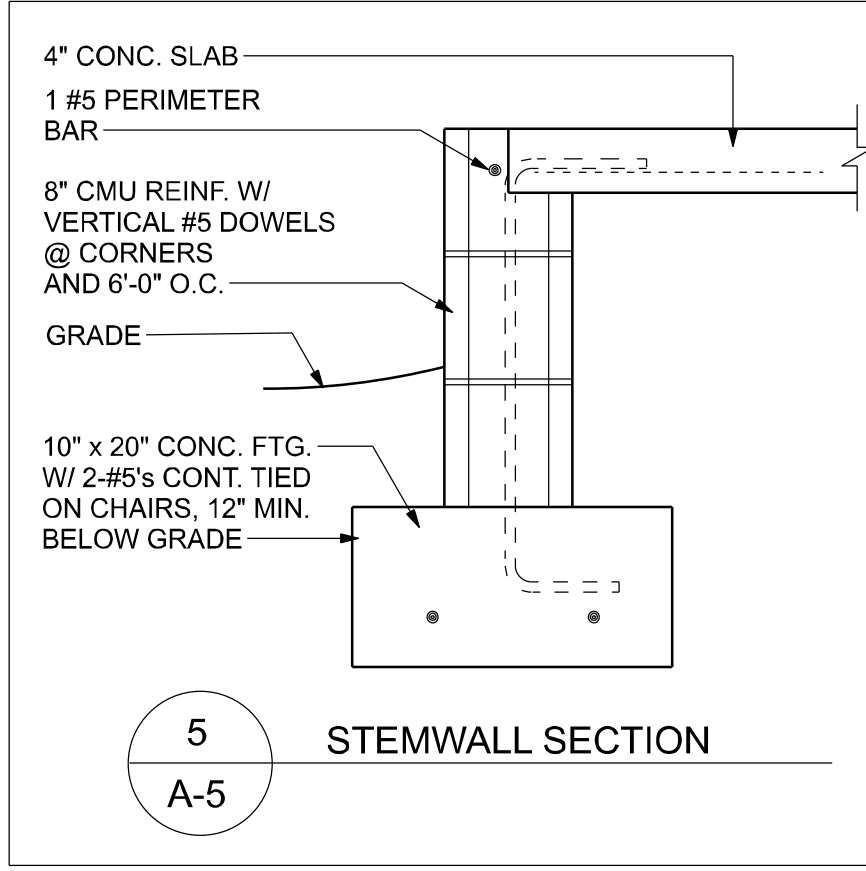
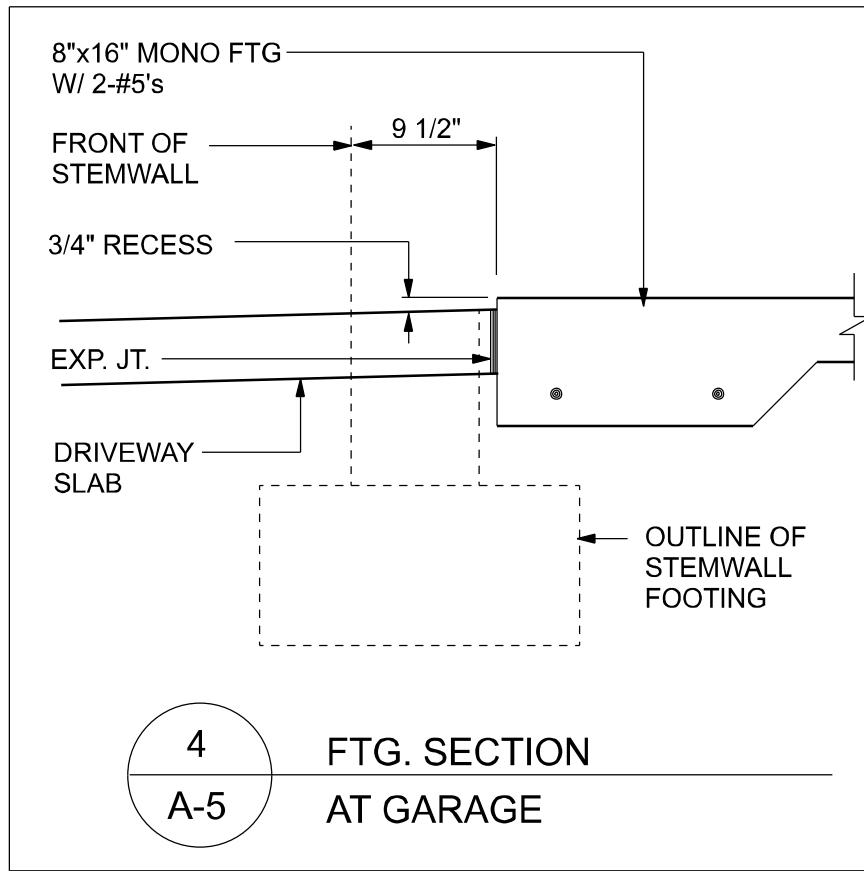
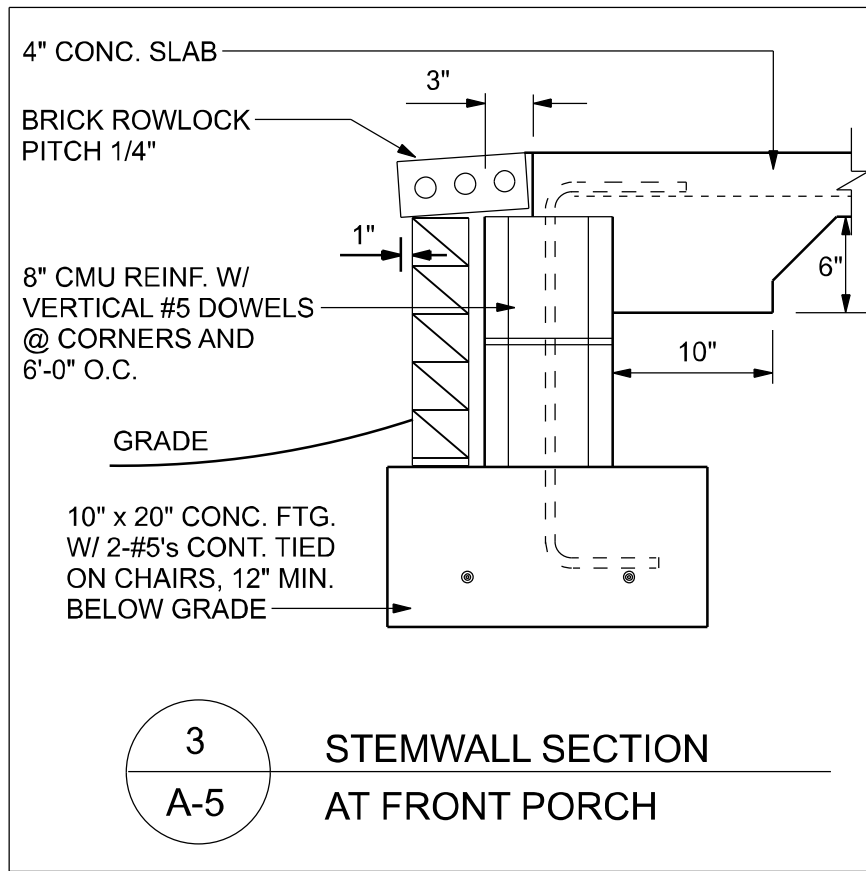
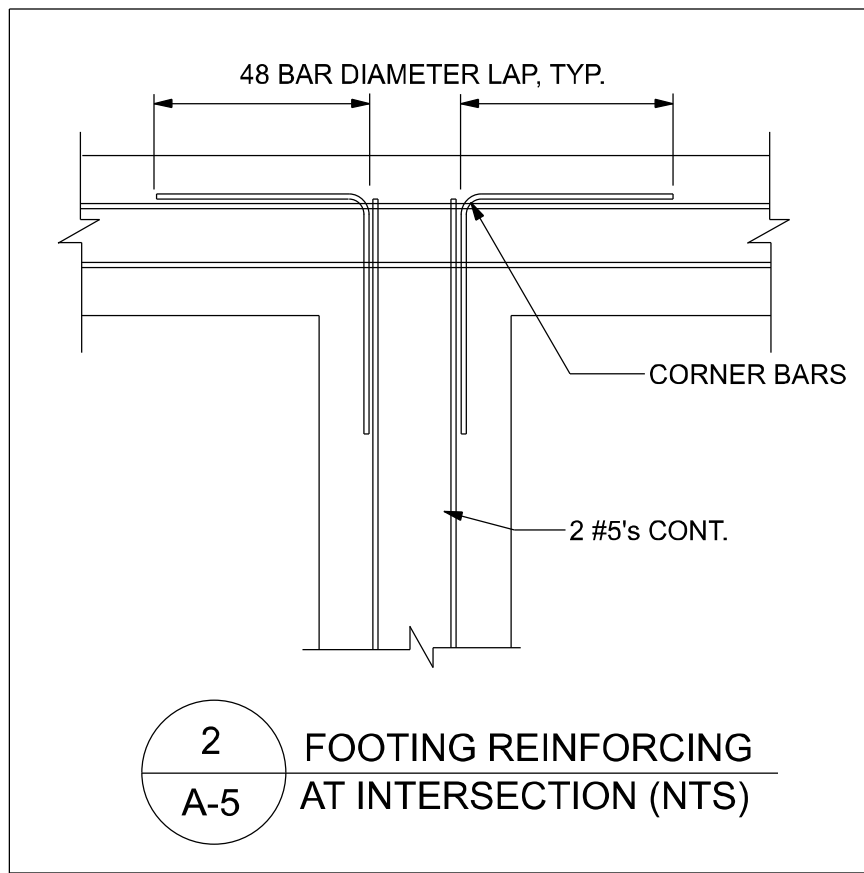
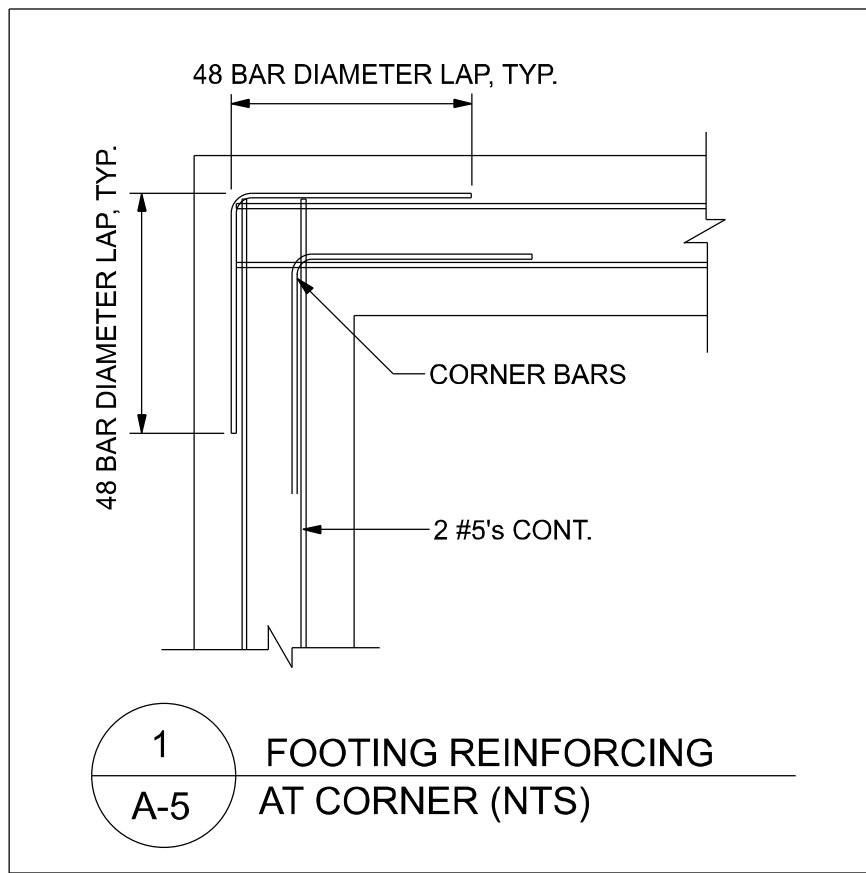
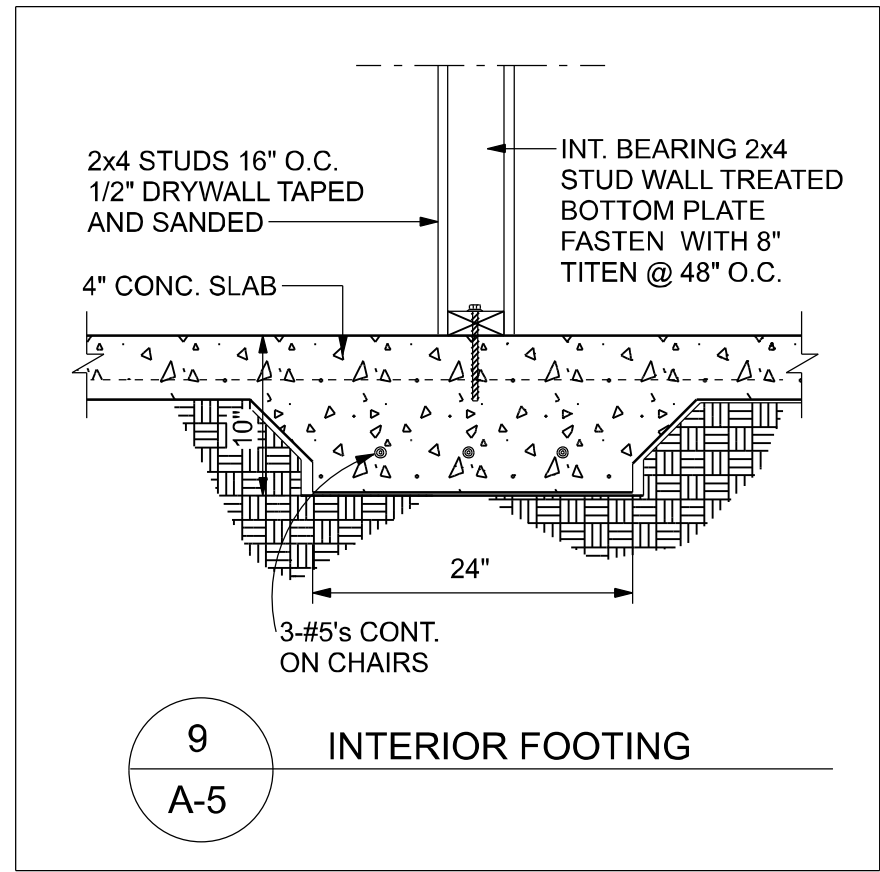
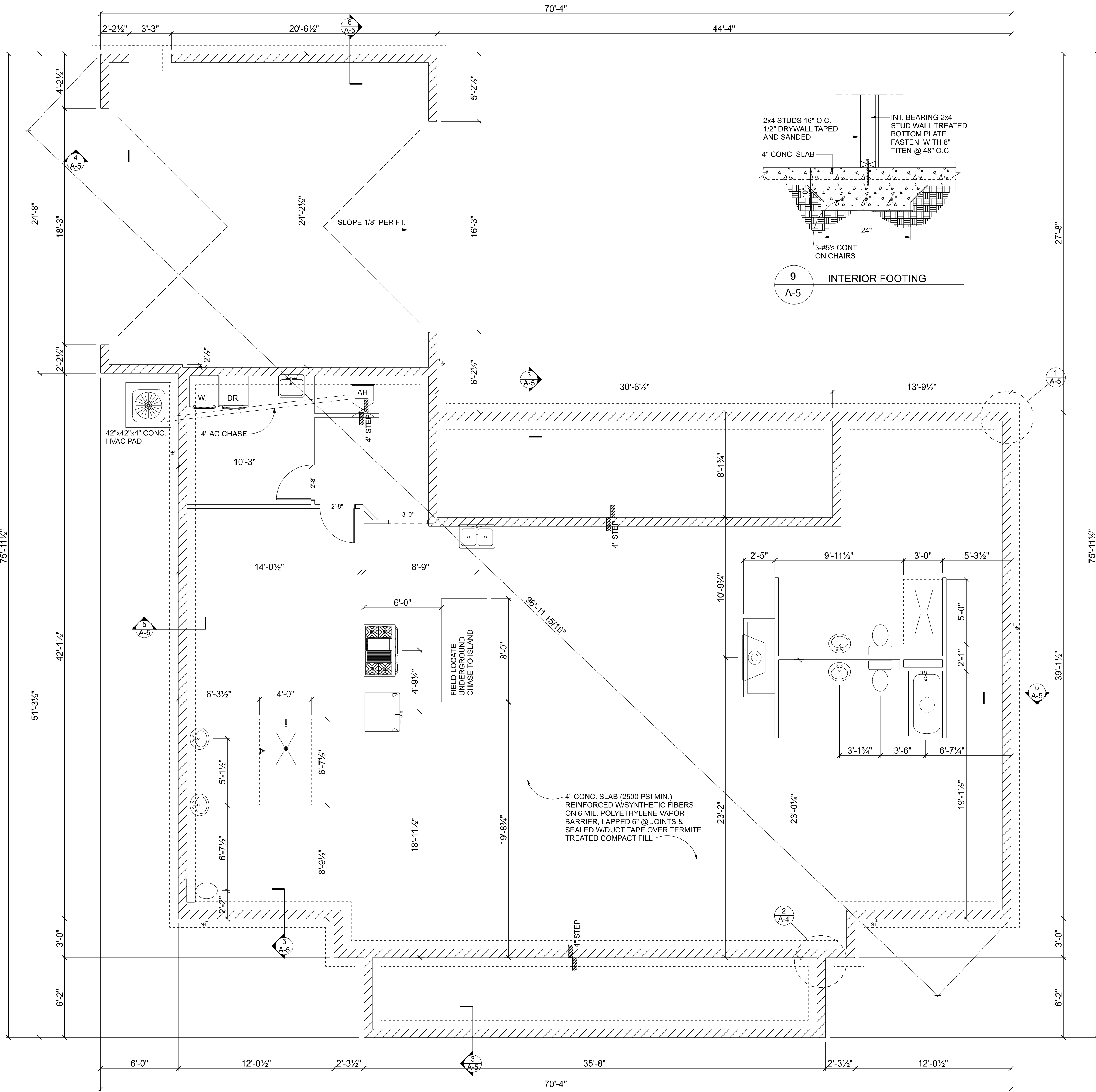
R20.004

SHEET:

A-2



REVISIONS			DESIGN BY:	CERTIFIED GENERAL CONTRACTOR CGC1514780	CES Crews Engineering Services, LLC	CERTIFICATE OF AUTHORIZATION NO. 28022	349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303	Digitally signed by Brett A. Crews Date: 2020.10.13 09:42:47-04'00' Brett A. Crews, P.E. 65592	DRAWN BY: TM APPROVED BY: BC	JONES RESIDENCE	PROJECT NO.: R20.004
DATE	BY	DESCRIPTION									
			TRADEMARK Construction Group, Inc.	750 SW MAIN BLVD. LAKE CITY, FL. 32025 (386)755-5254						ELEVATIONS FRONT AND REAR	SHEET: A-3



REVISIONS		
DATE	BY	DESCRIPTION

DESIGN BY:
TRADEMARK
Construction Group, Inc.

CERTIFIED GENERAL CONTRACTOR
CGC1514780

750 SW MAIN BLVD.
LAKE CITY, FL. 32025
(386)755-5254

CES
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION
NO. 28022

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

Digitally signed
by Brett A. Crews
Date: 2020.10.13
09:13:44-04'00'

Brett A. Crews, P.E. 65592

DRAWN BY:
TM

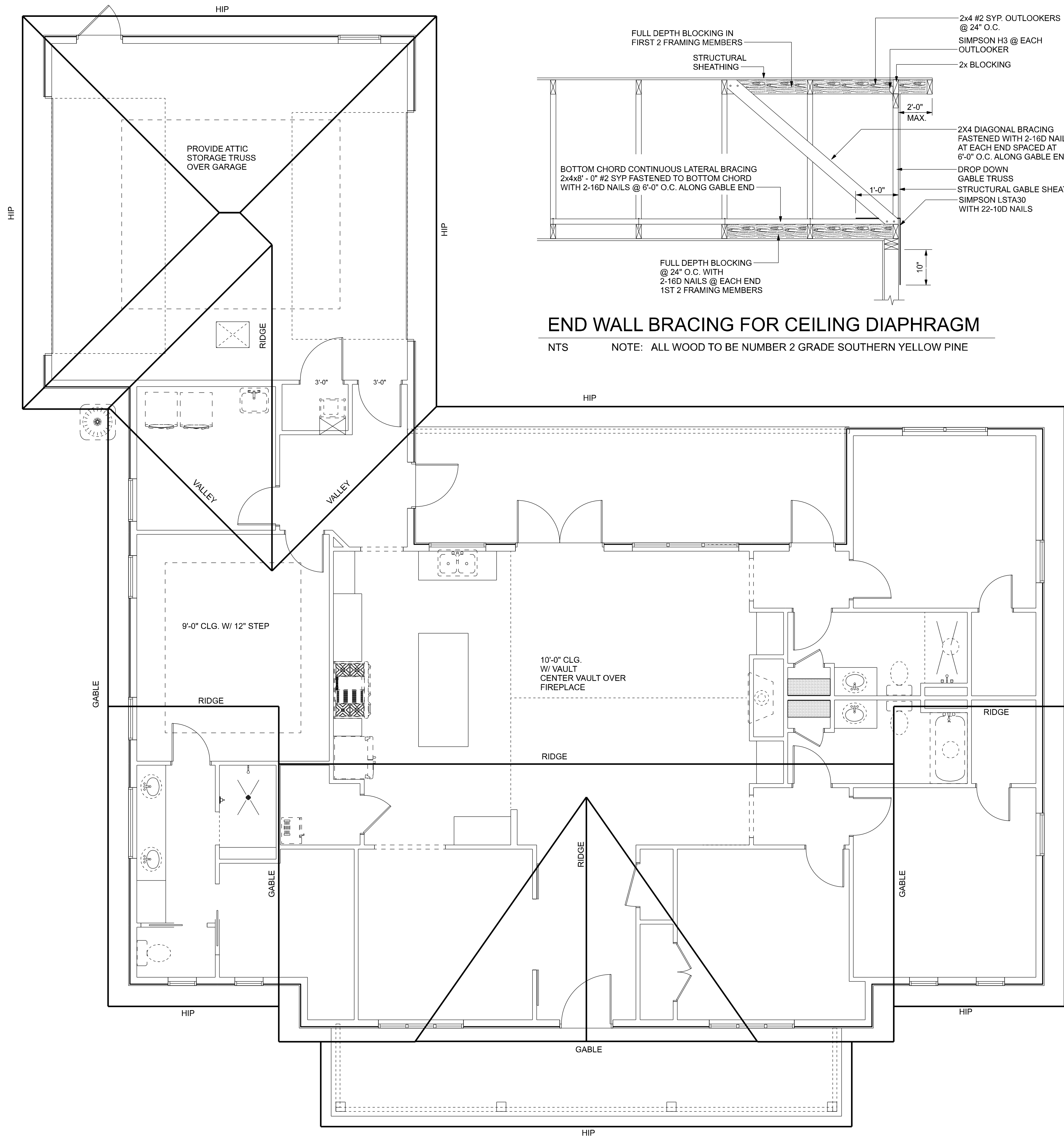
APPROVED BY:
BC

JONES RESIDENCE

FOUNDATION PLAN

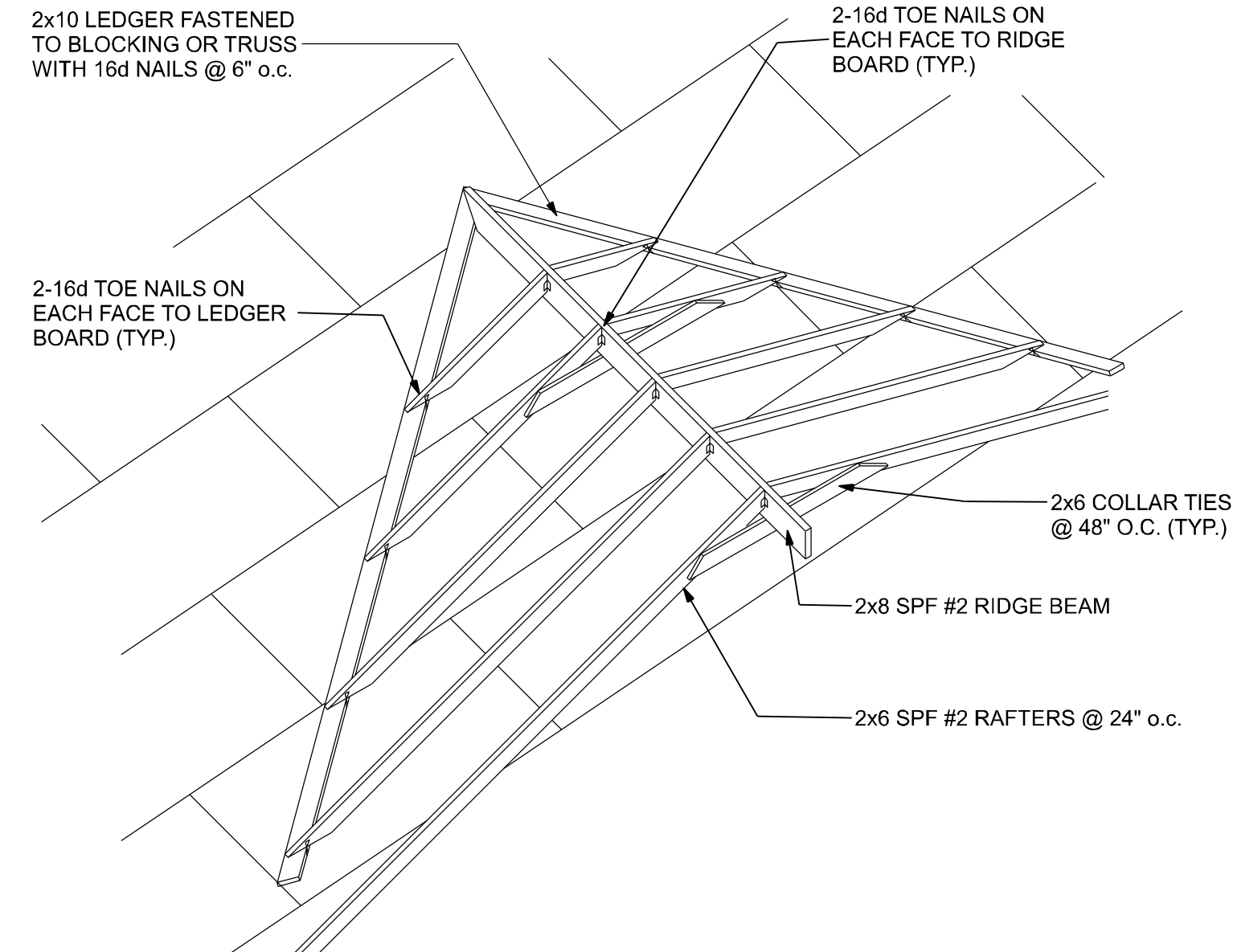
PROJECT NO.:
R20.004

SHEET:
A-5



END WALL BRACING FOR CEILING DIAPHRAGM

NTS NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

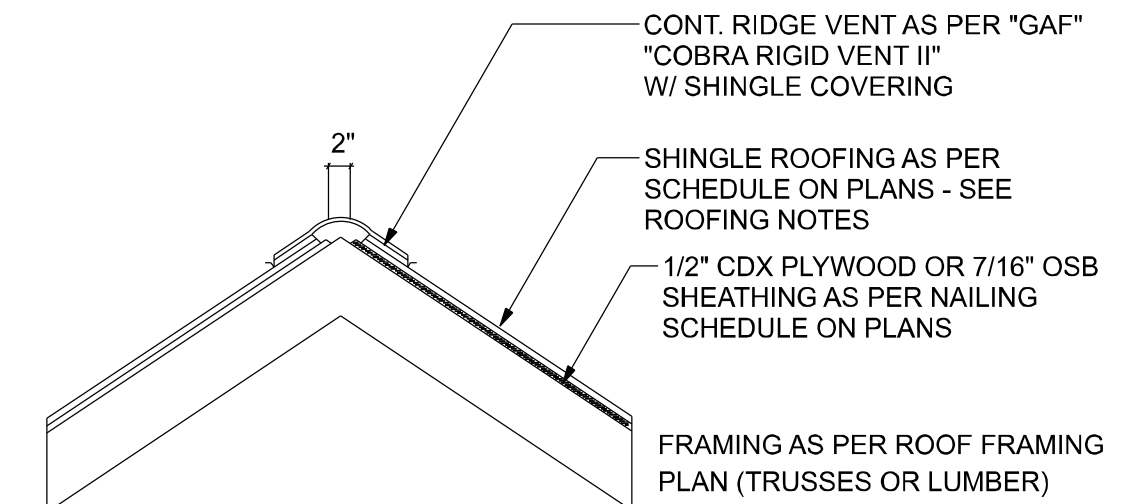


ROOF INTERSECTION CONNECTION DETAIL

NTS

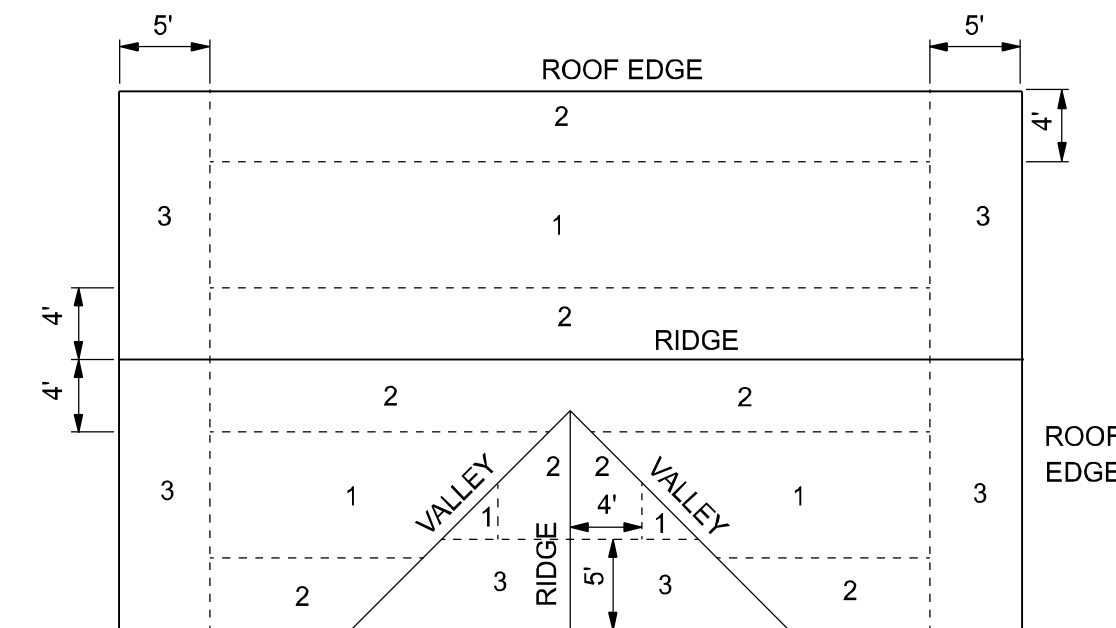
ROOF SHEATHING FASTENERS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" OSB	8D GALV. RING SHANK NAILS	6" O.C. EDGE 12" O.C. FIELD
2			6" O.C. EDGE 6" O.C. FIELD
3 (N/A)			4" O.C. @ GABLES 6" O.C. EDGE 6" O.C. FIELD

ROOF SHEATHING FASTENING

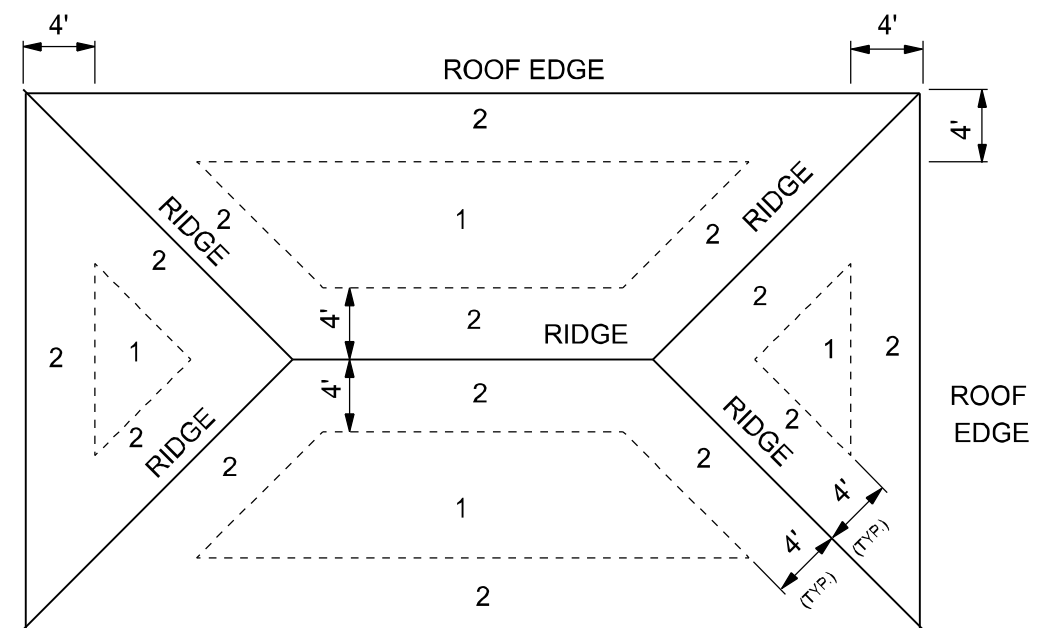


RIDGE VENT DETAIL

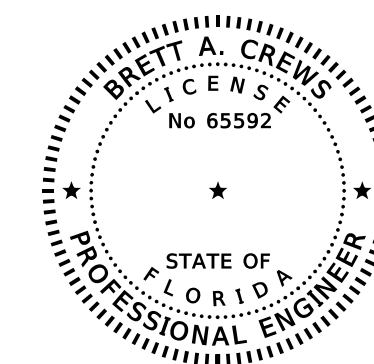
NOTE:
VENTING SHALL BE PROVIDED SUCH THAT TOTAL
NET FREE VENTILATING AREA SHALL NOT BE
LESS THAN 1/150 OF THE AREA OF THE SPACE
VENTILATED



ROOF SHEATHING NAILING ZONES (GABLE ROOF)



ROOF SHEATHING NAILING ZONES (HIP ROOF)



Digitally signed
by Brett A. Crews
Date: 2020.10.13
09:14:20-0400'
Brett A. Crews, P.E. 65592

DRAWN BY:
TM
APPROVED BY:
BC

JONES RESIDENCE

ROOF PLAN

PROJECT NO.:
R20.004

SHEET:
A-6

REVISIONS

DATE	BY	DESCRIPTION
------	----	-------------

DESIGN BY:

TRADEMARK
Construction Group, Inc.

CERTIFIED GENERAL CONTRACTOR
CGC1514780

750 SW MAIN BLVD.
LAKE CITY, FL. 32025
(386)755-5254

CES
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION
NO. 28022

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

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, THREADED, 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 SYSTEM.
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. MULT-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 EQUAL. A PLASTIC LABEL SHALL BE LOCATED ON EXTERIOR OF PANELBOARD 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. 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.

GROUNDING SYSTEM:

A. EQUIPMENT: GROUND NON-CURRENT CARRYING METAL PARTS OF PANEL BOARD, RACEWAYS 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 WALLS.
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.
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.

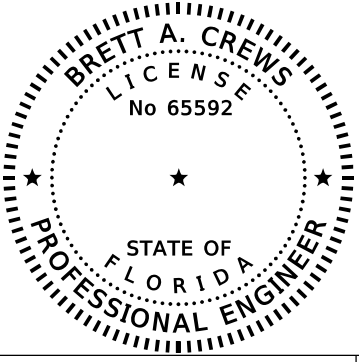
ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

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 CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS 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.

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	6	
48in LED LINEAR LIGHT	5	
can light blnd	31	
ceiling lumi mode 02	1	
pendant globe	3	
exterior light 02	4	
spotlight double with motion detector	4	
MOTOR	1	
NON-FUSED DISCONNECT	1	
electrical meter	1	
electrical panel	2	
co detector	1	
fan 50 CFM	3	
light	12	
outlet	38	
outlet 220v	4	
outlet gfi	11	
outlet wp	6	
smoke detector	4	
switch	35	
switch 3 way	10	
vanity wall mount	2	
wall mounted 03 1 light	2	

FIXTURE LAYOUT
SCALE: 1/4" = 1'-0"



Digitally signed
by Brett A. Crews
Date: 2020.10.13
09:14:53-04'00'
Brett A. Crews, P.E. 65592

DRAWN BY:
TM
APPROVED BY:
BC

JONES RESIDENCE

ELECTRICAL PLAN

PROJECT NO.:
R20.004

SHEET:
A-7

REVISIONS		
DATE	BY	DESCRIPTION

DESIGN BY:
TRADEMARK
Construction Group, Inc.
750 SW MAIN BLVD.
LAKE CITY, FL. 32025
(386)755-5254

CERTIFIED GENERAL CONTRACTOR
CGC1514780

CES
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION
NO. 28022

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

SHINGLE NOTES:

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

SLOPE:
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 IS REQUIRED.

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

FASTENERS:
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.

ATTACHMENT:
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 TO STAY IN PLACE.

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.

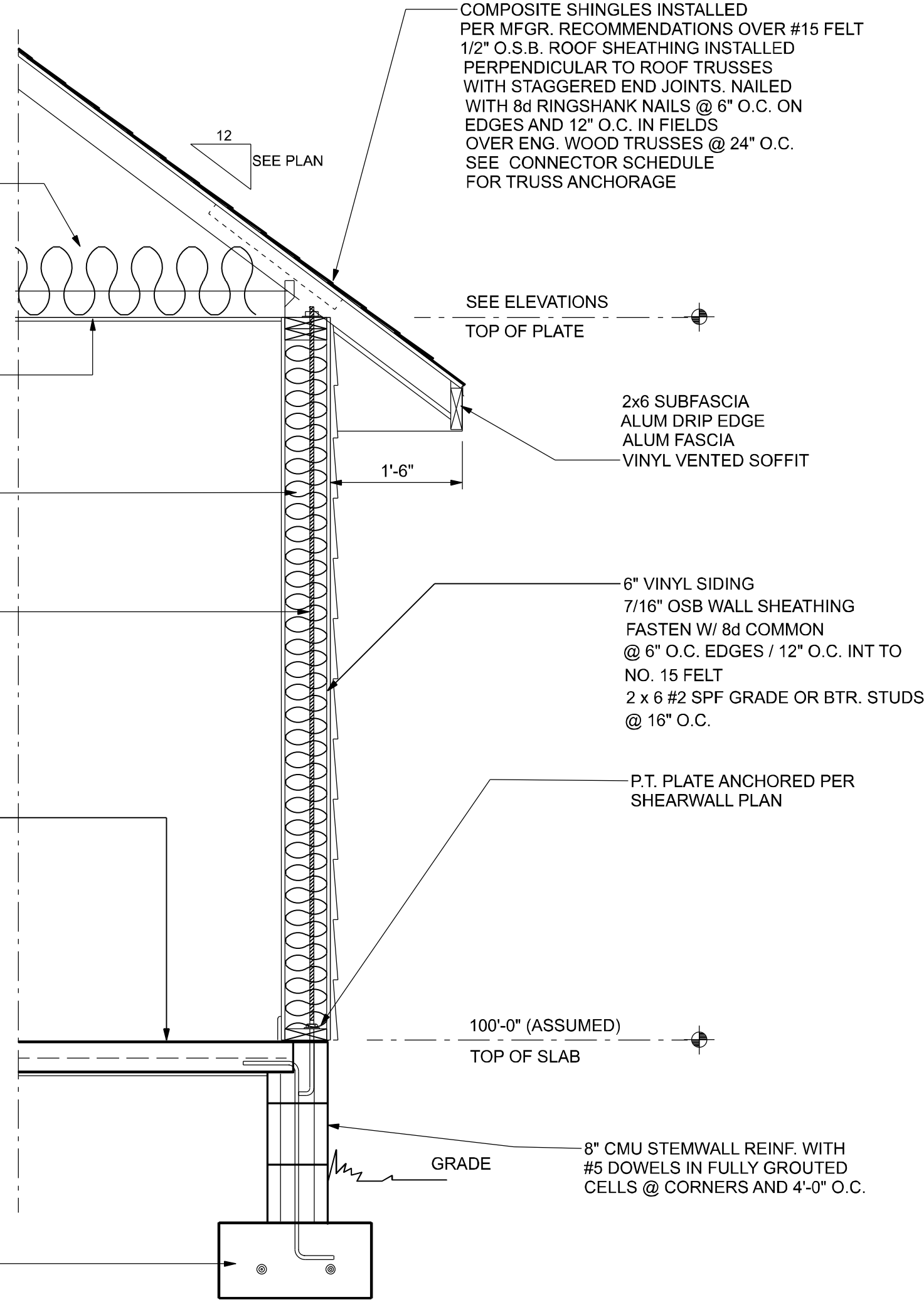
VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

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

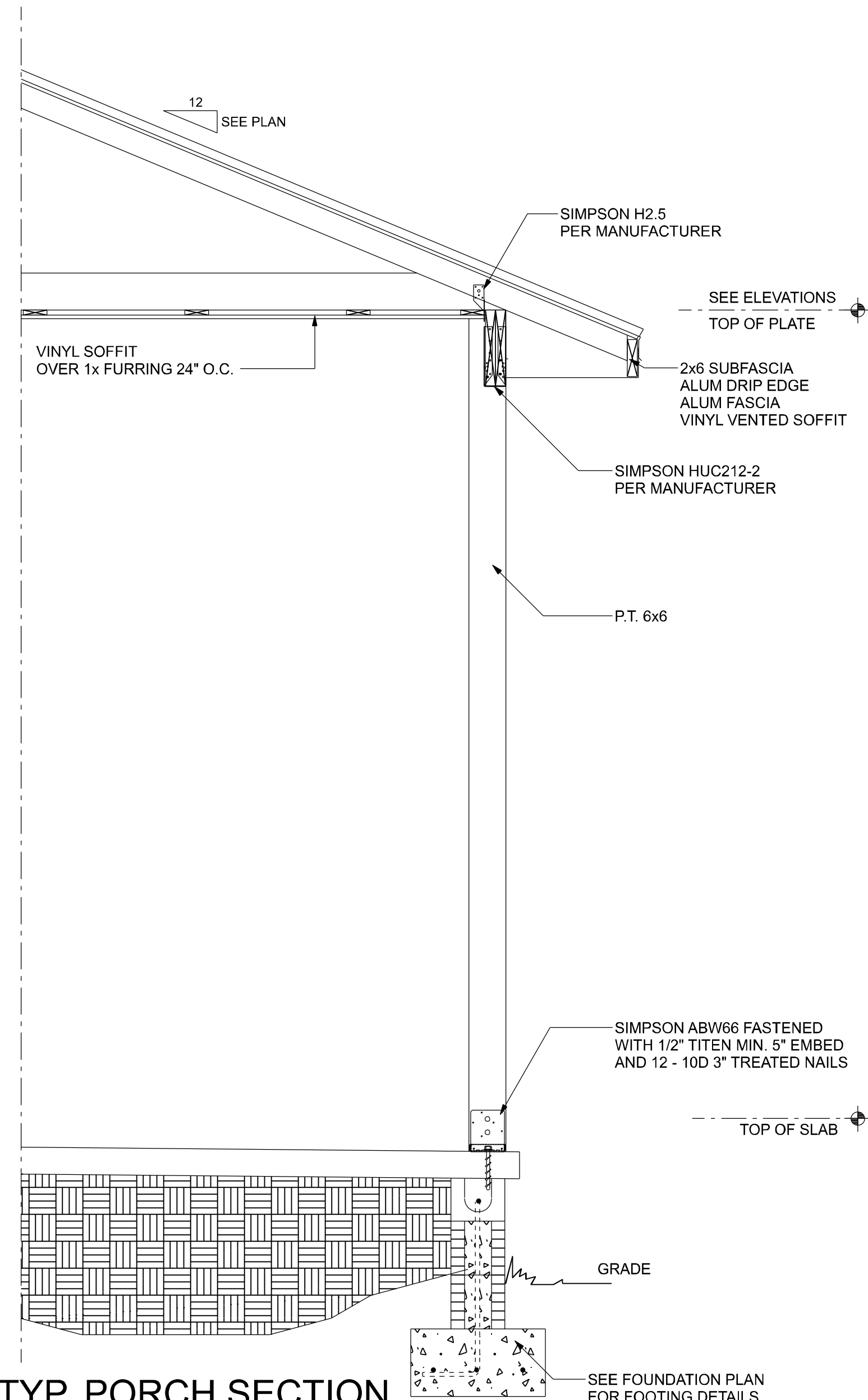
GENERAL NOTES:

1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. 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.
5. 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.
6. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
7. 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.
9. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.



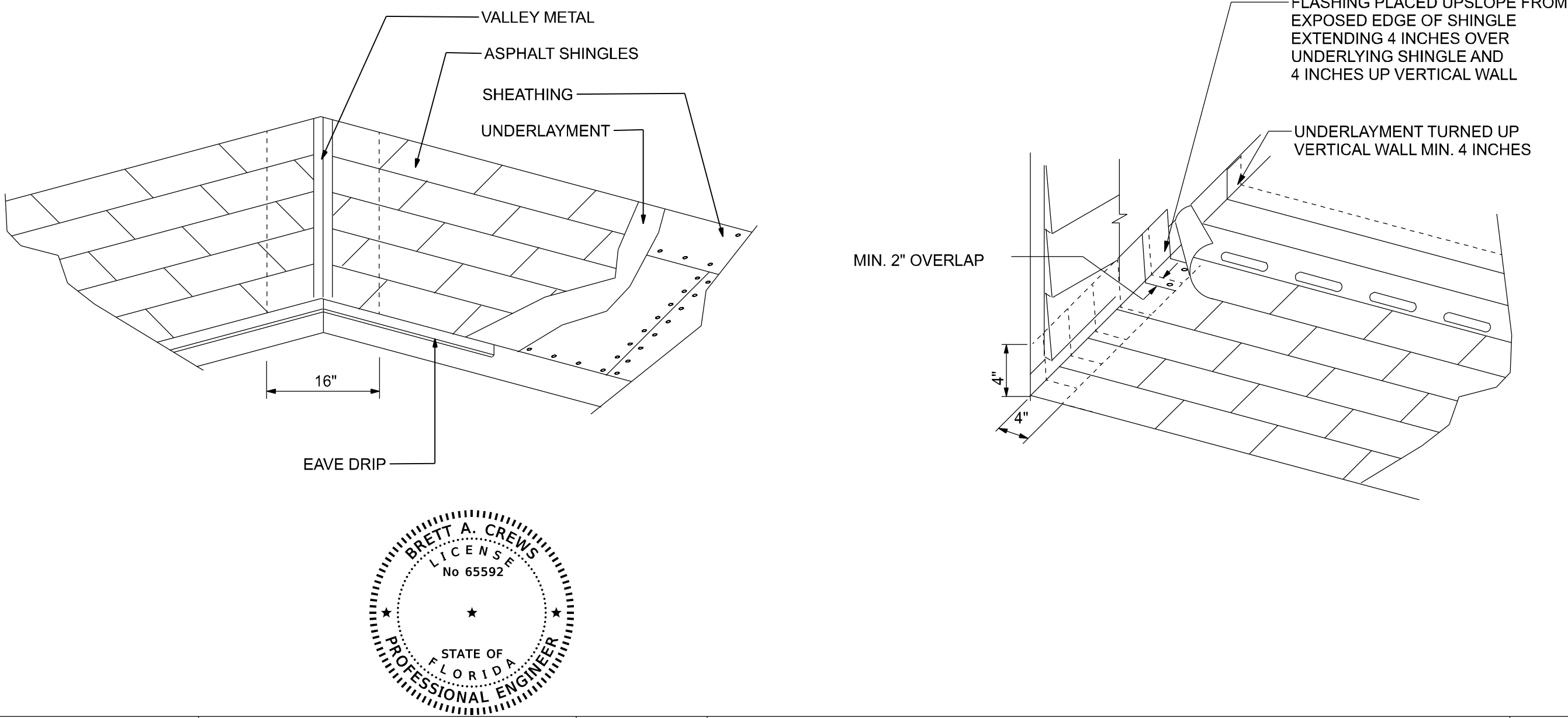
TYPICAL WALL SECTION

3/4" = 1'-0"



TYP. PORCH SECTION

SCALE: NTS



UPLIFT CONNECTORS

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 NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

FIELD REPAIR NOTES

1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) "SIMPSON MTS16 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 SUBSTITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3/4" DIA. X 8" 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 EMBEDDMENT 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)

REVISIONS		
DATE	BY	DESCRIPTION

DESIGN BY:

TRADEMARK
Construction Group, Inc.

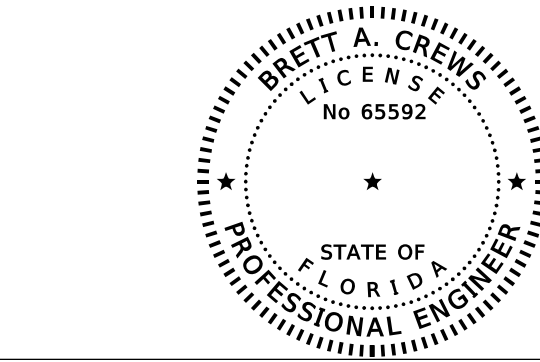
CERTIFIED GENERAL CONTRACTOR
CGC1514780

750 SW MAIN BLVD.
LAKE CITY, FL. 32025
(386)755-5254

CES
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION
NO. 28022

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



Digitally signed by
Brett A. Crews
Date: 2020.10.13
09:16:03-0400'

Brett A. Crews, P.E. 65592

DRAWN BY:

TM

APPROVED BY:

BC

JONES RESIDENCE

SECTIONS AND FRAMING DETAILS

PROJECT NO.:

R20.004

SHEET:

A-8

- RULES:
1. One all-thread rod at each corner.
 2. One all-thread rod at each end of opening headers.
 3. One all-thread rod at each end of opening headers greater than 3'-0"
 4. Check sub-sheathing to top plate connection for horizontal transfer capability.
 5. If necessary, add all-thread rods to girders individually to exclude the from average uplift plf.
 6. Check sole plate to slab connection, additional anchors may be required for lateral and shear load transfer.

ALLOWABLE VALUES	
Connection Type	Allowable Value
Foundation / S.Y.P. Top Plate	3840 lbs.
Foundation / Spruce-Pine-Fir Top Plate	3840 lbs.
Lintel or Bond Beam / S.Y.P. Top Plate	3840 lbs.
Lintel or Bond Beam / Spruce-Pine-Fir Top Plate	3840 lbs.

Placement at slab level:

Corners
When presetting the all-thread rod at a building corner, the rod should be placed 8 to 12 inches away from the corner so it does not set under the corner framing members. When an all-thread rod is specified at a building corner, it may be placed on either side of the corner.

Header ends
When presetting the all-thread rod at a header end, the rod should be placed 8 to 12 inches away from the header end so it does not fall under the stud pack framing members.

Top Connections
Top connections made at corners and header ends shall be made within 2 inches of the framing pack. A nut and 3X3 washer shall be applied to the top plates and tightened securely.

Intermediate Coupler Connections
When using the rod coupler, care should be taken to ensure full and equal thread engagement. This is easily achieved by threading the coupler all the way onto the rod, then standing the two rods end to end, then threading the coupler back over the rod joint so each rod is halfway into the coupler.

Retro-fits
In the case of an all thread rod misplacement, the rod may be epoxied into the concrete.

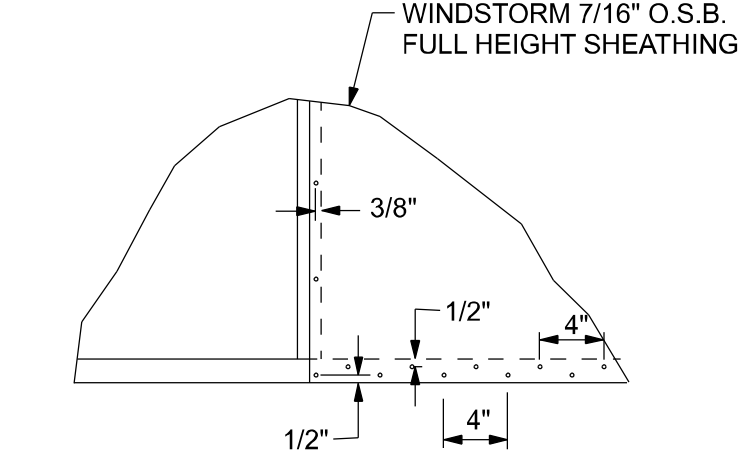
Sole plate to slab connection:
The slab level sole plate shall be connected to the slab with the connectors specified and at the spacing specified within the design documents. All-thread rods shall be placed as per the design specifications. All-thread rods with a nut and washer at the sole plate will qualify as a sole plate connection but may require other anchors intermediate of the all-thread rod locations to qualify the specified spacing requirements.

System Tightening:
On multiple story applications, the all-thread rod system shall be rechecked for proper tension just before the walls are veneered. This will allow the all-thread rod system to compensate for the buildings dead load compression.

SHEARWALL NOTES:

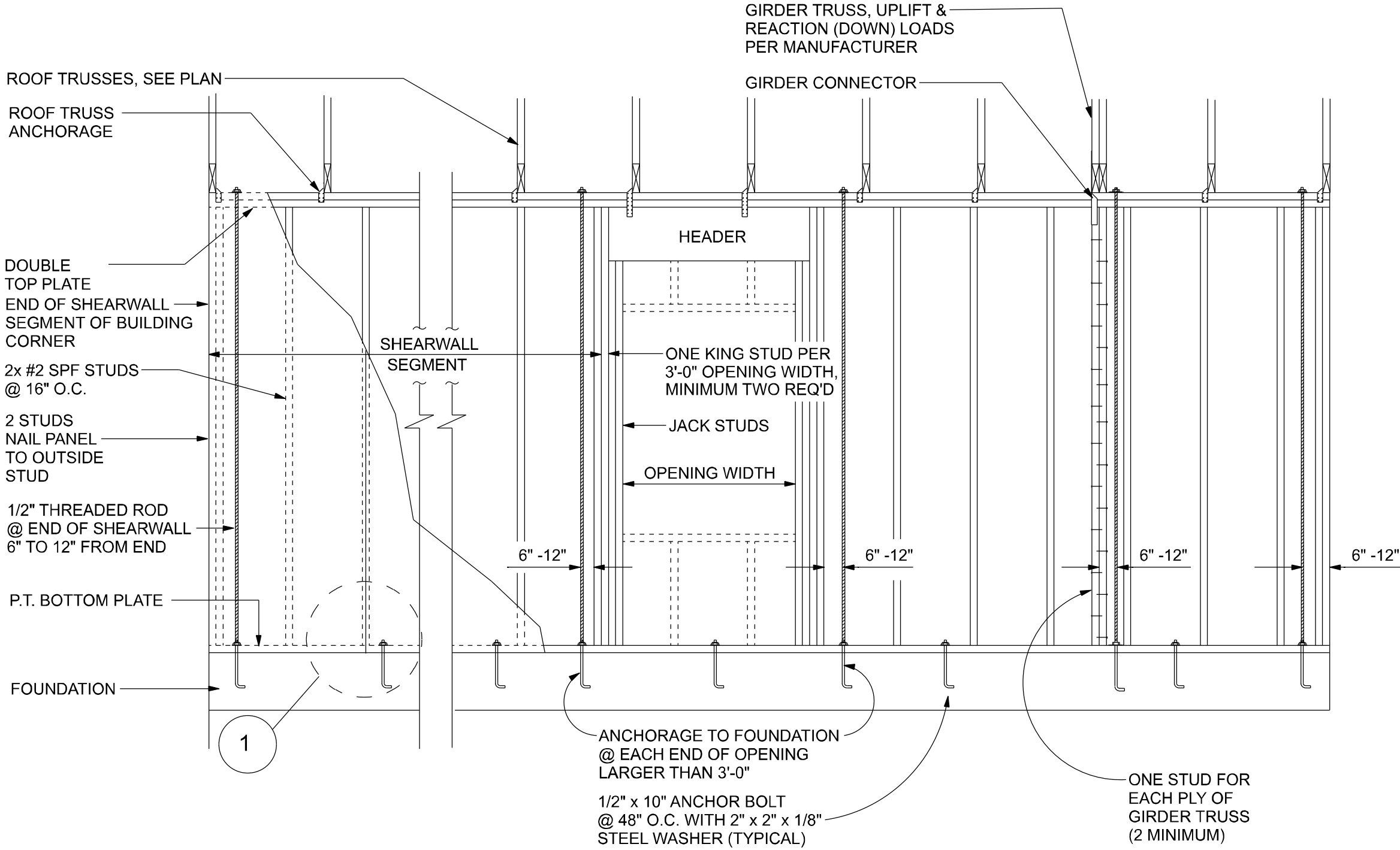
1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-99 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 ie. FOR 8'-0" WALLS - (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3



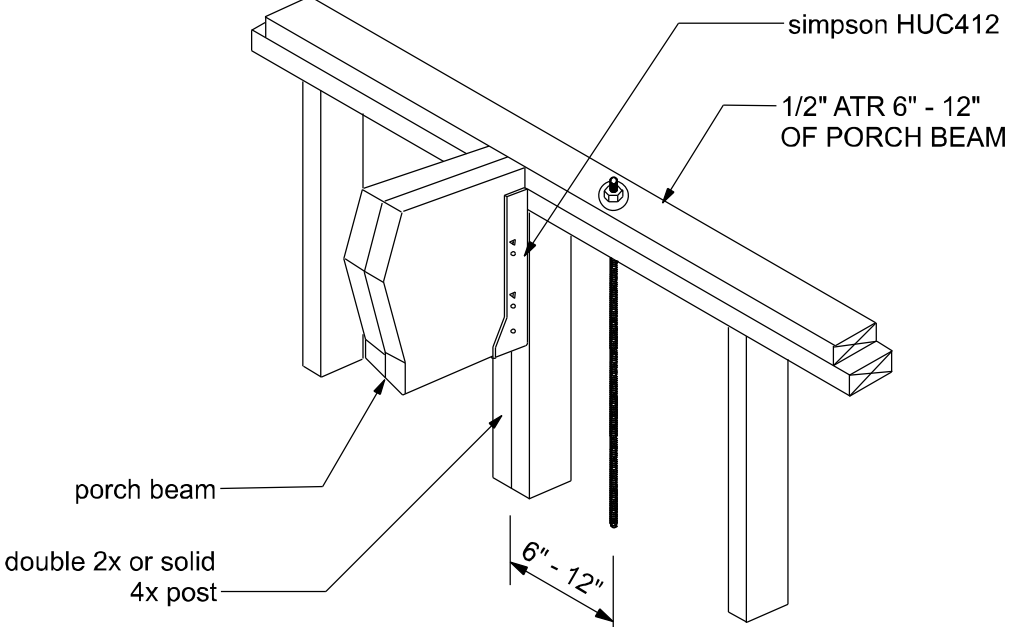
1 DOUBLE NAIL EDGE SPACING TOP AND BOTTOM PLATE
UPLIFT CAPACITY = 474 plf (TABLE 305S1 SSTD10-99)

NOTE:
ALL WALL SHEATHING SHALL BE WINDSTORM 1 1/8" FULL HEIGHT SHEATHING-SEE DETAIL 1 FOR NAILING



SHEARWALL DETAILS
SCALE: 1/2" = 1'-0"

NOTE:
VERIFY GIRDER TRUSS LOCATION ON TRUSS LAYOUT FOR REQ'D ALL THREAD AT GIRDER LOCATION



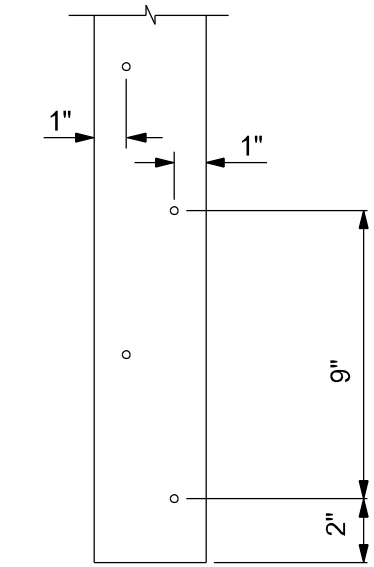
ALL THREAD @ PORCH BEAM
NTS

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120

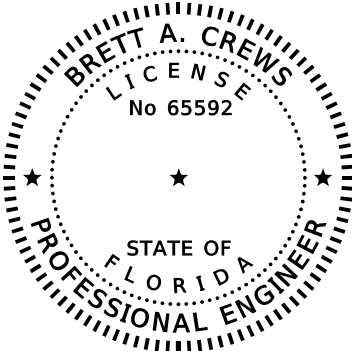
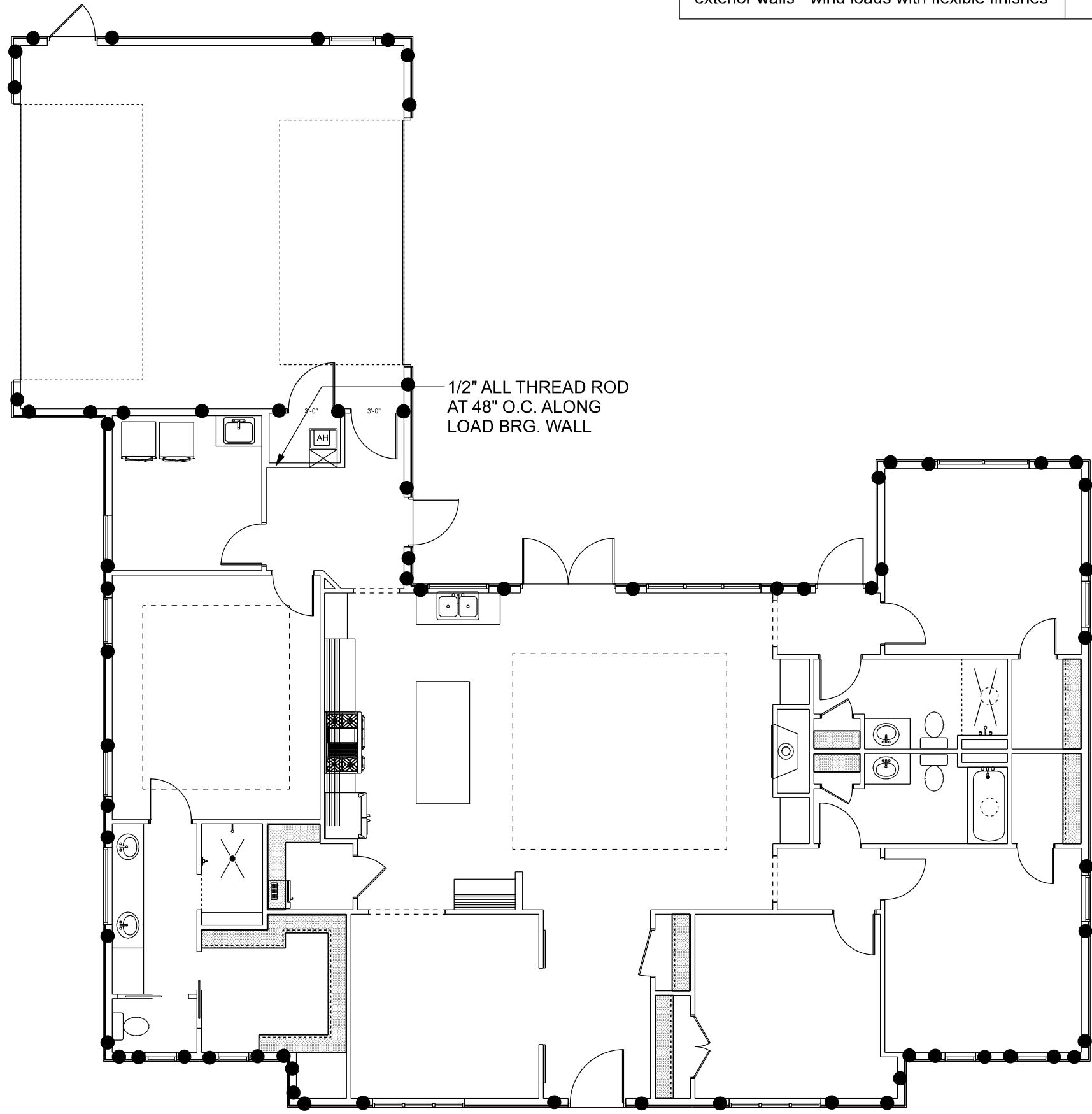
OPENING CONNECTION REQUIREMENTS				
CLEAR OPENING WIDTH	HEADER SIZE #2 GRADE OR BETTER	END BEARING	CONNECTOR AT EACH END OF OPENING	ANCHORAGE TO FOUNDATION @ EACH END OF OPENING
0' - 3'	(2) 2x8	1.5"	N/A	N/A
>3' - 6'	(2) 2x10	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>6' - 9'	(2) 2x12	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>9' - 12'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>12' - 15'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>15' - 18'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	4.5"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD

NOTE:
A SOLID MEMBER OF EQUAL OR GREATER SIZE THAN MULTIPLE MEMBERS MAY BE USED.
IF RATED SHEATHING IS APPLIED TO NARROW EDGES, NAILED TO EACH STUD AT 12" O.C. MAXIMUM, THE LAMINATION NAILING SHOWN HERE IS NOT REQUIRED.



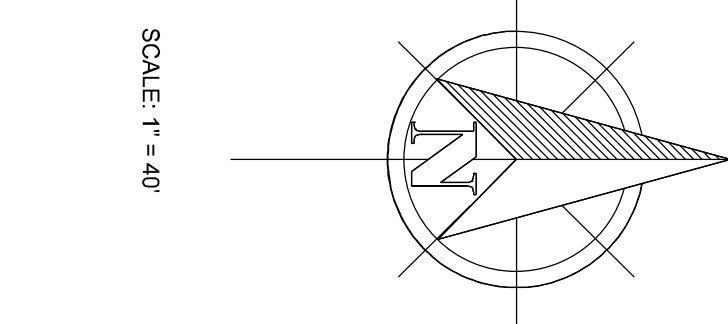
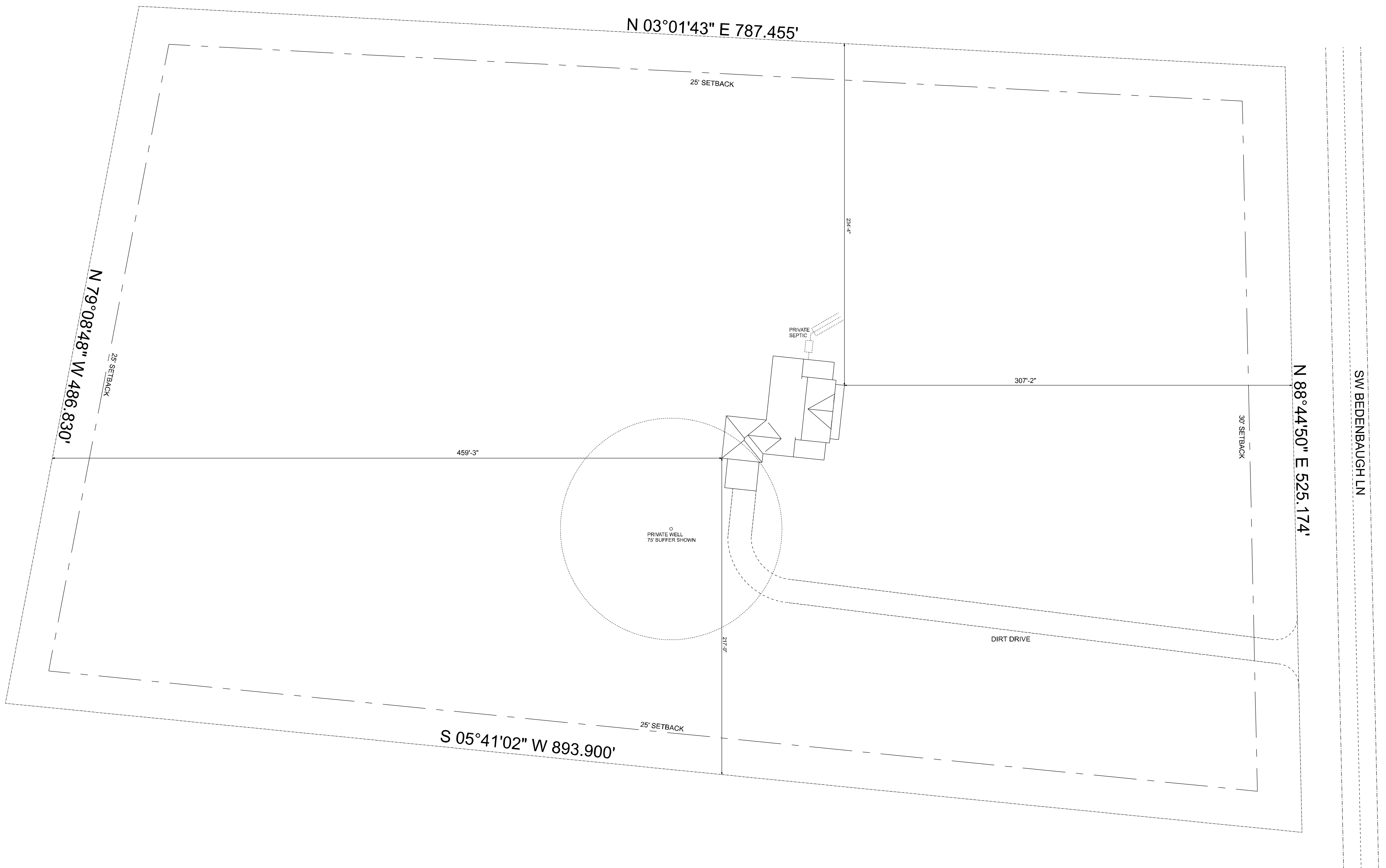
END (TOP OR BOTTOM)

GIRDER COLUMN DETAIL
SCALE: 1/2" = 1'-0"



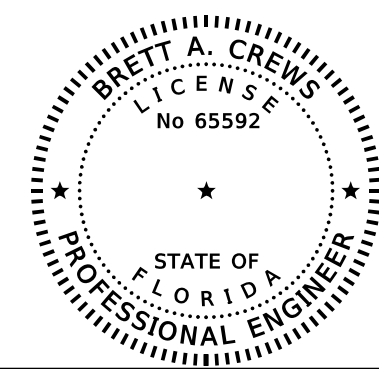
ALL THREAD DETAIL
● ALL THREAD LOCATION

REVISIONS			DESIGN BY:	CERTIFIED GENERAL CONTRACTOR CGC1514780	 CES Crews Engineering Services, LLC	CERTIFICATE OF AUTHORIZATION NO. 28022	 Digitally signed by Brett A. Crews Date: 2020.10.13 09:17:20-04'00' Brett A. Crews, P.E. 65592	DRAWN BY: TM	APPROVED BY: BC	JONES RESIDENCE		PROJECT NO.: R20.004
DATE	BY	DESCRIPTION								SHEARWALL DETAILS		SHEET: A-9
			 TRADEMARK Construction Group, Inc.	750 SW MAIN BLVD. LAKE CITY, FL. 32025 (386)755-5254		349 SW CREWS FARM TERRACE LAKE CITY, FL 32025 PHONE: 386.623.4303						



That certain land situate in Columbia County, Florida, in Section 32, Township 4 South, Range 17 East; Commence at the intersection of the East line of the Northwest 1/4 of the Northwest 1/4, and South Right of Way Line of the existing County graded road and run thence East along the South Right of Way Line of said County graded road 521 feet; thence run Southwesterly 915 feet; thence run Northwesterly 521 feet to the East line of said Northwest 1/4 of Northwest 1/4; thence run North along said West line of Northwest 1/4 of Northwest 1/4 800 feet to the Point of Beginning.

PARCEL: 32-4S-17-08925-002



REVISIONS			DESIGN BY:	CERTIFIED GENERAL CONTRACTOR CGC1514780	<div>CES</div> <div>Crews Engineering Services, LLC</div>	CERTIFICATE OF AUTHORIZATION NO. 28022	<div><div></div><div>Brett A. Crews</div><div>Digitally signed by Brett A. Crews Date: 2020.10.13 09:18:16-04'00'</div></div> <div>Brett A. Crews, P.E. 65592</div>	DRAWN BY: TM APPROVED BY: BC	JONES RESIDENCE SITE PLAN	PROJECT NO.: R20.004
DATE	BY	DESCRIPTION								SHEET: S-1
			<div>TRADEMARK</div> <div>Construction Group, Inc.</div>	750 SW MAIN BLVD. LAKE CITY, FL. 32025 (386)755-5254						