STRUCTURAL NOTES:

CAST IN PLACE CONCRETE

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI, A SLUMP OF 3" FOR FOOTINGS/FOUNDATIONS AND 4" FOR SLABS
2. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6".
4. HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS.
5. HORIZONTAL FOOTING BARS SHALL HAVE 1'-0" HOOK LENGTH OR CORNER BARS WITH A 2'-1" LAP PROVIDED
6. MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.
7. CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM.

REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE NEW DEFORMED BARS FREE FROM RUST, SCALE & OIL & SHALL MEET ASTM A-615 REINFORCING FOR FOOTING SHALL BE SUPPORTED ON PRE-CAST CONCRETE PADS, TOP REINFORCING SHALL BE POSITIVELY SUPPORTED BY TEMPORARY STRINGERS. DOWELS FOR COLUMNS & FILLED CELLS SHALL BE SECURED IN PLACE BY USING ADDITIONAL CROSS-REINFORCING TIED TO FOOTING REINFORCING. SPLICES IN REINFORCING WHERE PERMITTED SHALL BE THE FOLLOWING MINIMUM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS:

FTGS, WALLS, COLUMNS, BEAMS, SLABS:	36 DIA. OR 2'-0" MIN.
FILLED CELL REINFORCING:	40 DIA. OR 2'-1" MIN.
TEMPERATURE REINFORCING:	20 DIA. OR 1'-0" MIN.
WELDED WIRE MESH:	8" LAP

MASONRY WALL CONST.

1. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (f'm = 1500 PSI)
2. MORTAR SHALL BE TYPE "S", CONFORMING TO ASTM C270.
3. COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI SLUMP 8" TO 11".
4. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
5. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTED.
6. REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM. PLASTIC SCREEN, METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW GROUT INTO CELLS BELOW. THE USE OF FELT PAPER AS A STOP IS PROHIBITED.

WOOD CONSTRUCTION

1. WOOD CONSTRUCTION SHALL CONFORM TO THE NDS "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", 2018 EDITION.
2. ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC. STRUCTURAL WOOD FRAMING MEMBERS, (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE OR BETTER SHALL BE USED REGARDLESS OF SPECIES.
3. ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION SHIELDS FOR ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES,TYP., U.N.O.
4. FASTENERS FOR PRESSURE PRESERVATIVE AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT-DIPPED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER.

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 PROPORTIONED (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:
6. 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 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 2 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.

SOIL BEARING VALUE:

ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2000 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. SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - D1557

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 "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. EPOXY ANCHORS WITH 6" EMBEDMENT. SIMPSON "SET" EPOXY ADHESIVE BINDER FOLLOWING ALL MANUFACTURERS RECOMMENDATIONS. SEE PLAN FOR EMBEDMENT DEPTH AT FLOOR STEPS.
2. FOR MISSED VERT. DOWELS 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 EMBEDMENT EPOXY (SIMPSON "SET", 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.
3. 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)
4. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED WITH (1) SIMPSON MTSM16 TWIST STRAP W/ (4) ¼" X 2¼" TITENS TO MASONRY AND (7)-10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW. IF GIRDER TRUSS CONNECTIONS ARE MISSED CONTACT ENGINEER OF RECORD FOR SUBSTITUTION.

TERMITE SPECIFICATIONS:

SECTION R318 PROTECTION AGAINST TERMITES

TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL APPLIED PESTICIDES, BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE A PREVENTIVE TREATMENT TO NEW CONSTRUCTION (SEE SECTION 202, REGISTERED TERMITICIDE). UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

RADON:

WHERE PROJECT IS TO BE LOCATED IN KNOWN RADON GAS PREVALENT AREAS, APPENDIX "F" OF THE 2017 FLORIDA RESIDENTIAL BUILDING CODE IS TO BE IMPLEMENTED. CONCRETE STRENGTH IN THESE AREAS ARE TO BE A MINIMUM OF 3000 P.S.I.. THEREFORE, ANY AND ALL NOTES ON THESE PLANS THAT INDICATE 2500 PSI SHALL BE REPLACED WITH 3000 P.S.I. FOR THE CONCRETE STRENGTH.

STRUCTURAL DESIGN CRITERIA

CODES:	2020 FLORIDA BUILDING CODE RESIDENTIAL 2020 FLORIDA FIRE PREVENTION CODE 2020 FLORIDA ACCESSIBILITY CODE NEC NFPA 70 & FBCEB ACI 318-19 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE ACI 301-19 SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS ACI 530-19 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES 2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 2018 WOOD FRAMED CONSTRUCTION MANUAL APA PLYWOOD DESIGN SPECIFICATION ASCE/SEI 7-16 AMERICAN SOCIETY OF CIVIL ENGINEERS	
LIVE LOADS:	ROOF RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED BALCONIES STAIRS LIGHT PARTITIONS (DEAD LOAD), U.N.O.	20 PSF (REDUCIBLE) 40 PSF 60 PSF 40 PSF 20 PSF 10 PSF ATTIC L.L.
CONCRETE STRENGTH @ 28 DAYS	ALL CONCRETE UNLESS OTHERWISE INDICATED PEA GRAVEL CONCRETE FOR MASONRY CELLS ONLY (DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS)	2500 PSI 3000 PSI
REINFORCING:	WELDED WIRE FABRIC SHALL CONFORM TO ALL REINFORCING BARS ALL STIRRUPS AND TIES POLYPROPYLENE FIBERS FOR SLABS ON GRADE	ASTM A1064/A1064M ASTM A615-40 40,000 PSI ASTM A615-40 40,000 PSI MINIMUM 1.5 LBS. OF FIBERS PER CUBIC YARD
CONCRETE MASONRY UNITS:	ASTM C90-01, STANDARD WEIGHT UNITS, fm=1500 PSI MORTAR TYPE "S" 1800 PSI CONCRETE GROUT 3000 PSI CONTINUOUS MASONRY INSPECTION IS REQUIRED DURING CONSTRUCTION	
STRUCTURAL STEEL:	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	
WOOD FRAMING:	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 LOAD: TOP CHORD DEAD LOAD: BOTTOM CHORD DEAD LOAD: BOTTOM CHORD ATTIC LIVE LOAD:	SHINGLE ROOF: 20 PSF 10 PSF <u>10 PSF</u> 40 PSF 10 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.

INDEX OF DRAWINGS

Residential Design
1431 E. Wade Street
Trenton, FL 32693
352-274-3006
tchdesigns@gmail.com
◦ CAD PLAN ENTRY ◦ PLAN REVISIONS ◦ CUSTOM DESIGNS

RANDOLPH WIGGINS, P.E.
1431 E. Wade Street, Suite B Trenton, FL 32693
STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2020 FLORIDA RESIDENTIAL BUILDING CODE. SIGNATURE/SEAL ON ANY SHEET IS VALID ONLY FOR THE STRUCTURAL DESIGN
RANDOLPH WIGGINS, P.E. # 15721
DATE: September 08, 2022

RANDOLPH WIGGINS LICENSE No. 15721 STATE OF FLORIDA PROFESSIONAL ENGINEER
Randolph Wiggins 2022.09.08 13:06:47 -04'00'

USP AND SIMPSON CONNECTOR CROSS REFERENCE CHART

REF. NO./NO. DE REF.	USP	REF. NO./NO. DE REF.	USP	REF. NO./NO. DE REF.	USP	REF. NO./NO. DE REF.	USP	REF. NO./NO. DE REF.	USP	REF. NO./NO. DE REF.	USP
10D5HDG	N10C-5	CBSQ66-SDS2HDG	CBSQ66-HDG	HH6	HH66	LSTA18	LSTA18	MSTAM36	MSTAM36	RTC42	TTC42-TZ
10DHDG	N10C-1	CCQ44SDS2.5	KCCQ44	HHUS410	THD410	LSTA21	LSTA21	MTS12	MTW12	RTF2Z	TTF22-TZ
1212HLHDG	LH12-HDG	CCQ46SDS2.5	KCCQ46	HL33	KHL33	LSTA24	LSTA24	MTS12Z	MTW12-TZ	RTR	TTR-TZ
1212HTHDG	TH12-HDG	CCQ66SDS2.5	KCCQ66	HL33HDG	KHL33-HDG	LSTA30	LSTA30	MTS16	MTW16	RTU2	TTU2-TZ
1212L	L12	CPS4	CPB44	HL35	KHL35	LSTA36	LSTA36	MTS16Z	MTW16-TZ	SBV	SB12
1212T	T1212	CPS5	CPB55	HL35HDG	KHL35-HDG	LSTA9	LSTA9	MTS18	MTW18	SD10112	LL915R50
128T	T12	CPS6	CPB66	HL55HDG	KHL55-HDG	LSTHD8	LSTAD8	MTS20	MTW20	SD10212	LL930R50
16D5HDG	N16C-5	CS14-R	RS14-R	HRS12	HRS12	LSU26	LSSH15-TZ	MTS20Z	MTW20-TZ	SD8X1.25	LL915R50
16DHDG	N16C-1	CS16	RS150	HRS416Z	HRS416-TZ	LSU26Z	LSSH15-TZ	MTSM16	HTWM16	SD9112	LL915R50
66L	L6	CS16-R	RS16-R	HRS6	HRS6	LTB20	N16	N10D5HDG	NA9D-5MC	SD9212	LL930R50
66T	T6	CS18-R	RS18-R	HRS8	HRS8	LTP4	MP4F	N10DHDG	NA9D-1MC	SDS25112	WS15-BP
88L	L8	CS20	RS250	HS24	RT6	LTP5	MP6F	N16	NA16D	SDS25112-R25	WS15-GCR25
A21	JA1	CS22-R	RS22-R	HST2	KHST2	LTS12	LTW12	N8D5HDG	NA11-5MC	SP1	SPT22
A21Z	JA1-TZ	DJT14Z	SDJT14-TZ	HST2HDG	KHST2-HDG	LTS16	LTW16	N8DHDG	NA11-1MC	SP1Z	SPT22-TZ
A23	A3	DPPC4BK	PCP44	HST5	KHST5	LTT20B	LTS20B	NCA2x10-16	MBG1016	SP2	SPT24
A23Z	A3-TZ	DPPC6BK	PCP66	HTP37Z	HTP37-TZ	LU26	JL26	NS1	KNS1	SP4	SPT4
A24	TDL5	DPT5Z	SDPT5-TZ	HTS16	HTW16	LU28	JL28	NS2	PL4	SP4Z	SPT4-TZ
A311	TDL10	DPT7Z	SDPT7-TZ	HTS20	HTW20	LUC210Z	JL210IF-TZ	PA18	PA18	SP6	SPT6
A33	BL3	DTC	TR2	HTT5	HTT45	LUC26Z	JL26IF-TZ	PA23	PA23	SPH4	SPTH4
A34	MP34	DTT2Z-SDS2.5	DTB-TZ	HTU26	THD26	LUC28Z	JL28IF-TZ	PA51	TA51	SPH4Z	SPTH4-TZ
A34SS	MP34-SS	EB-TY	DC50-TZ	HU210	HD210	LUS210	JUS210	PA51Z	TA51-TZ	SPH6	SPTH6
A34Z	MP34-TZ	ECC66	KECC66	HU26	HD26	LUS210-2	JUS210-2	PA68Z	TA71-TZ	SPH6Z	SPTH6-TZ
A35	MPA1	ECCQ44SDS2.5	KECCQ44	HU410	HD410	LUS210-2Z	JUS210-2TZ	PB44	WE44	SS1.5	STS1
A35SS	MPA1-SS	ECCQ46SDS2.5	KECCQ46	HU410	HD410	LUS210-3	JUS210-3	PB44Z	WE44-TZ	SSPZ	RSPT6-TZ
A35Z	MPA1-TZ	ECCQ66SDS2.5	KECCQ66	HU412	HD412	LUS210-3Z	JUS210-3TZ	PB66Z	WE66-TZ	SSTB16	STB16-10
A44	BL4	EPB44	EPB4408	HU412	HD412	LUS210SS	JUS210-SS	PBS44A	WAS44	SSTB16HDG	STB16-HDG10
A66	B66	EPB44A	EBG44-TZ	HUC410	HD410IF	LUS210Z	JUS210-TZ	PBS46	WAS46	SSTB20	STB20-10
A88	B88	EPB44HDG	EPB4408-HDG	HUC412	HD412IF	LUS24	JUS24	PC44-16	PCM4416	SSTB24HDG	STB24-HDG10
ABW44Z	PA44-TZ or PAU44-TZ	EPB66	EPB6608	HUC44	HD44IF	LUS24Z	JUS24-TZ	PC46-16	PCM4616	ST12	ST12
ABA44Z	PA44E-TZ	EPC44-16	EPCM4416	HUC46	HD46IF	LUS26	JUS26	PC66-16	PCM6616	ST18	ST18
ABA46Z	PA46E-TZ	EPC46-16	EPCM4616	HUC66	HD66IF	LUS26-2	JUS26-2	PF24	JPF24	ST22	ST22
ABA66R	PA66ER-TZ	EPC64-16	EPCM6416	HUS1.81/10	HUS179	LUS26-2Z	JUS26-2TZ	PF24Z	JPF24-TZ	ST2215	KST216
ABA66Z	PA66E-TZ	EPC66-16	EPCM6616	HUS26	HUS26	LUS26SS	JUS26-SS	PF26	JPF26	ST6224	KST224
ABU44	PAU44	FB24Z	FC24-TZ	HUS28	HUS28	LUS26Z	JUS26-TZ	PF26Z	JPF26-TZ	ST6236	KST234
ABU44Z	PAU44-TZ	FB26	FB26-TZ	ITS1.81/11.88	THO17118	LUS28	JUS28	PFD26	JDS26	ST9	ST9
ABU46Z	PAU46-TZ	FPBB44	BD	ITS2.37/11.88	TFL23118	LUS28-2	JUS28-2	PGT1.5Z-R	PRT15-TZ	STC	TR1
ABU66	PAU66	FPBM44E	SMP	ITS2.56/11.88	TFL25118	LUS28-2Z	JUS28-2TZ	PGT2A	PRT2H-TZ	STHD10	STAD10
ABU66Z	PAU66-TZ	FPBS44	SFP30	IUS1.81/11.88	THF17112	LUS28-3	JUS28-3	PGT2E	PRT2-TZ	STHD14	STAD14
AC4	PBS44	GA1	A3	IUS2.37/11.88	THF23118	LUS28-3Z	JUS28-3TZ	PGT2Z-R	PRT2H-TZ	SUL210	SKH210L
AC4Z	PBS44-TZ	GA2	A3	IUS2.56/11.88	THF25112	LUS28Z	JUS28-TZ	PGTIC2Z-R	PRTIC2-TZ	SUL210Z	SKH210L-TZ
AC6	PBS66	H1	RT15	IUS2.56/16	THF25160	LUS410	JUS410	PS218	PS218-HDG	SUL26	SKH26L
AC6Z	PBS66-TZ	H10-2	RT16-2	JB210	HL210	LUS44	JUS44	PS418	PS418-HDG	SUL26Z	SKH26L-TZ
ACE4	PBES44	H10-2Z	RT16-2TZ	JB28	HL28	LUS44Z	JUS44-TZ	PSCL1/2-R250	PC12	SUR210	SKH210R
ACE6	PBES66	H10A	RT16A	L30	A3	LUS46	JUS46	PSCL1/2-R50	PC12-BMC	SUR210Z	SKH210R-TZ
BC4	C44	H10AZ	RT16A-TZ	L50	AC5	MAB15	ST1-TZ	PSCL15/32-R250	PC1532	SUR26	SKH26R
BC40	D44-TZ	H1Z	RT15-TZ	L50Z	AC5-TZ	MAB15Z	ST1-TZ	PSCL15/32-R50	PC1532-BMC	SUR26Z	SKH26R-TZ
BC40Z	D44-TZ	H2.5A	RT7	L70	AC7	MAB23Z	ST2-TZ	PSCL19/32-R250	PC1932	TA10	SCA10-TZ
BC46	C46	H2.5A	RT7A	L70Z	AC7-TZ	MASA	FA3	PSCL19/32-R50	PC1932-BMC	TA10Z	SCA10-TZ
BC4Z	C44-TZ	H2.5ASS	RT7-SS	L90	AC9	MASAZ	FA3-TZ	PSCL5/8-R250	PC58	TA9Z	SCA9-TZ
BC6	C66	H2.5AZ	RT7A-TZ	L90Z	AC9-TZ	META20	HTA20-18	PSCL5/8-R50	PC58-BMC	THA213	MSH213
BC60Z	D66-TZ	H2.5AZ	RT7-TZ	LBP1/2	LBP12-TZ	MIT411.88	THO17118-2	PSCL7/16-R250	PC716	THA218	MSH218
BCS2-2/4	BC400-TZ	H2A	RT10	LBP5/8Z	LBP58-TZ	ML24Z	ML24-TZ	PSCL7/16-R50	PC716-BMC	THA29	MSH29
BCS2-2/4Z	BC400-TZ	H3	RT3A	LBPS1/2Z	LBPS12-TZ	ML26Z	ML26-TZ	PSPN516Z	ICPL516-TZ	THA422	MSH422
BP1/2-3HDG	HBPS12-HDG	H3Z	RT3A-TZ	LBPS5/8	LBPS58-TZ	MP14	TPP14	PSPN58Z	ICPL58-TZ	THD50600HMG-RP	7750SD
BP5/8	BP583	H4	RT4	LBPS5/8Z	LBPS58-TZ	MP24	TPP24	RBC	RBC	THD62600HMG	7766SD
BP5/8-2HDG	BP582-HDGBC	H5	RT5	LCB44	CBE44	MP36	TPP36	RFB#4X5HDG-R	THR125-HDGBMC	TP15	NP15
BP5/8-3HDG	BP583-HDG	H6	LFTA6	LCE4	PBES44	MST27	KST227	RFB#5X12HDG-R	THR5812-HDGBMC	TP35	NP35
BP5/8HDG	BP583-HDG	H8	RT8A	LGT2	LUGT2	MST37	KST237	RFB#5X16HDG-R	THR5816-HDGBMC	TP37	NP37
BPS1/2-3	HBPS12	H8Z	RT8A-TZ	LPC4Z	PB44-6TZ	MST48	KST248	RFB#5X5	THR585-HDG	TP39	NP39
BPS5/8-3	HBPS58	HCP2	HHCP2	LPC6Z	PB66-6TZ	MST60	KST260	RFB#5X5HDG-R	THR585-HDG	TP45	NP45
BPS5/8-3HDG	HBPS58-HDG	HD12	TDX14	LS30	MP3	MSTA12	MSTA12	RFB#5X8	THR588-HDG	TP47	NP47
BT-R	WT22-BMC	HD3B	TDX2-TZ	LS50	MP5	MSTA12Z	MSTA12-TZ	RPS18	KRPS18	TP57	NP57
CB44	KCB44	HD5B	TDX6	LS50Z	MP5-TZ	MSTA15Z	MSTA15-TZ	RPS22	KRPS22	TSBR2-24	31-24
CB44HDG	KCB44-HDG	HD7B	TDX10	LS70	MP7	MSTA18	MSTA18	RPS22Z	KRPS22-TZ	TSP	LFTA6
CB46	KCB46	HDU2-SDS2.5	PHD2A	LS70Z	MP7-TZ	MSTA18Z	MSTA18-TZ	RPS28Z	KRPS28-TZ	TWB10	WBT10
CB66	KCB66	HDU4-SDS2.5	PHD4A	LS90	MP9	MSTA24	MSTA24	RR	RR	TWB12	WBT12
CB66HDG	KCB66-HDG	HDU5-SDS2.5	PHD5A	LSCZ	CSH-TZ	MSTA24Z	MSTA24-TZ	RSP4	RSPT4	U210-2	SUH210-2
CBSQ44-SDS2	CBSQ44-TZ	HDU8-SDS2.5	PHD8	LSSU210	LSSH210	MSTA30	MSTA30	RTA12	TTA12-TZ	UFP10-SDS3	SRC
CBSQ44-SDS2HDG	CBSQ44-HDG	HETA20	HTA20	LSSU28	LSSH15-TZ	MSTA30Z	MSTA30-TZ	RTA2Z	TTA2-TZ	W1	WG
CBSQ46-SDS2	CBSQ46-TZ	HGA10KT	HGA10KT	LSSUI25	LSSH179	MSTA36	MSTA36	RCWB12	WBC12	WB126	WB126
CBSQ46-SDS2HDG	CBSQ46-HDG	HGAM10KTA	HGAM10KT	LSTA12	LSTA12	MSTA36Z	MSTA36-TZ	RTB22	TTB22-TZ	WB126C	RWB114
CBSQ66-SDS2	CBSQ66-TZ	HH4	HH44	LSTA15	LSTA15	MSTAM24	MSTAM24	RTC24	TTC24-TZ	Z2	ZC2

WIND LOADING CRITERIA

WIND SPEED (ULTIMATE)	130 MPH
WIND SPEED (ALLOWABLE)	101 MPH
EXPOSURE CATEGORY	B
BUILDING CATEGORY	II
BUILDING TYPE	V
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+/- 0.18

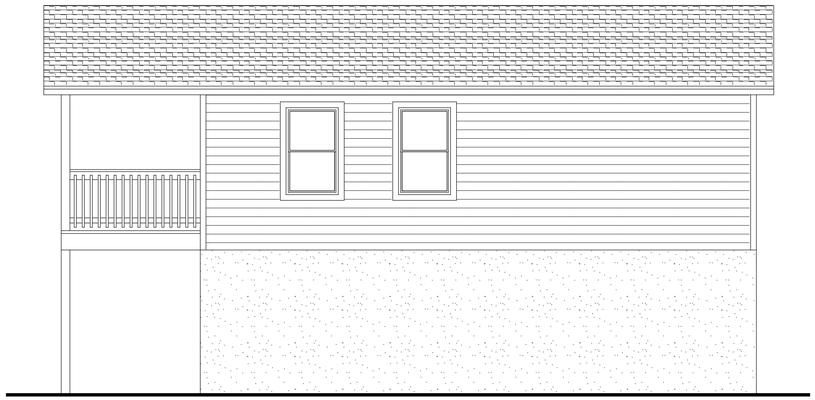
NOTICE TO BUILDER

THIS DRAWING AND DESIGN IS VALID FOR 12 MONTHS AFTER THE DATE IT IS SIGNED AND SEALED OR WHILE CURRENT CODE IS VALID

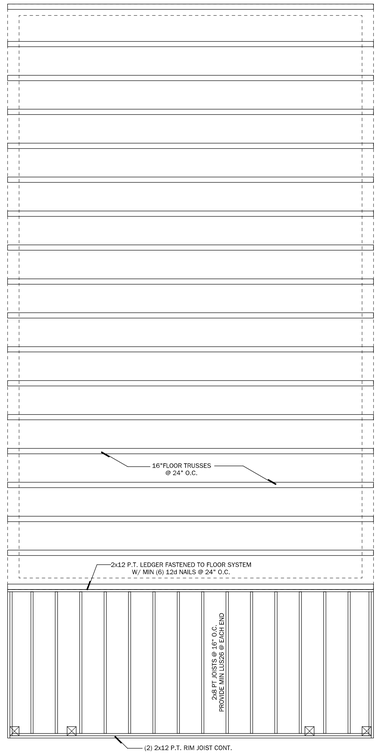
IT IS THE INTENT OF THIS DESIGNER THAT THESE PLANS ARE ACCURATE AND ARE CLEAR ENOUGH FOR THE LICENSED PROFESSIONAL TO CONSTRUCT THIS PROJECT. IN THE EVENT THAT SOMETHING IS UNCLEAR OR NEEDS CLARIFICATION..STOP..AND CALL THE DESIGNER LISTED IN THIS TITLE PAGE. IT IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL THAT IS CONSTRUCTING THIS PROJECT TO FULLY REVIEW THESE DOCUMENTS BEFORE CONSTRUCTION BEGINS AND ANY AND ALL CORRECTIONS, IF NEEDED, TO BE MADE BEFORE ANY WORK IS DONE.
DO NOT SCALE DRAWINGS FOR CRITICAL DIMENSIONS INSTEAD CALL THE DESIGNER LISTED IN TITLE PAGE

PROJECT:
Thomas Project
708 SW Bluff Drive
Ft White, FL
Columbia County

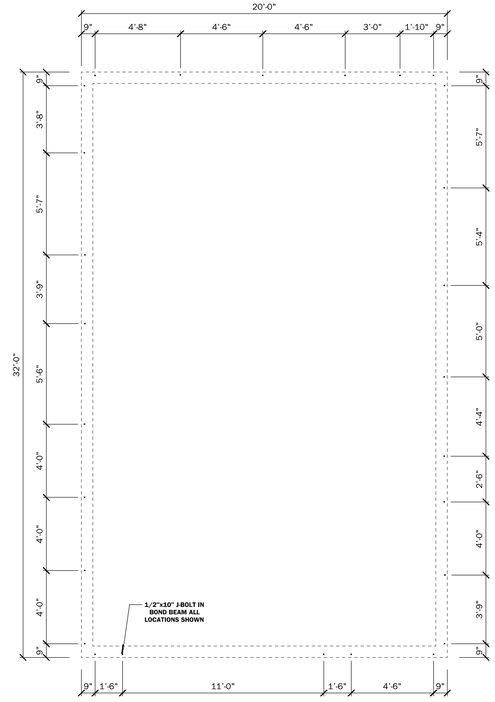
LAST PLOT DATE: September 08, 2022 01:05 PM



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



FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



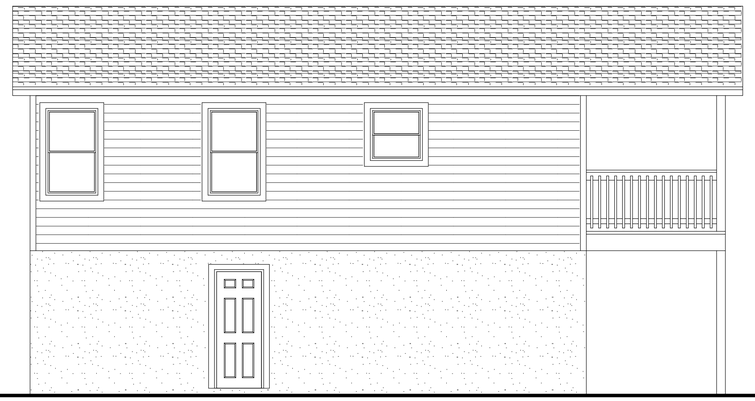
J-BOLT PLAN
SCALE: 1/4" = 1'-0"

NOTE:	WALL LEGEND
1. ALL WINDOWS WITHIN 2'-0" OF DOORS AND IN SHOWER OR TUB AREAS WILL BE SAFETY TEMPERED GLASS. 2. ALL DOORS LEADING FROM UNCONDITIONED SPACE TO CONDITIONED SPACE SHALL BE SOLID CORE. 3. CEILING FOR EXTERIOR ENTRIES AND COVERED PORCHES TO HAVE 7/16" SPAN RATED OSB NAILED PER ZONE ON ROOF DIAPHRAGM NAILING SCHEDULE ON SHEET S-1 OR EXTERIOR GYPSUM SOFFIT BOARD INSTALLED PER GA-216	FRAMED WALL FRAMED WALL W/ SIDING 8" CMU WALL

VENTILATION CALCULATION	NOTE: SOFFITS ARE TO BE PERFORATED AND THE NET FREE SQUARE INCHES SHALL MEET OR EXCEED THE CALCULATED AMOUNT OF VENTILATION REQUIRED
FORMULA PER FRBC 2020 SEC 806.2= S.F / 300 (1/300) / 2 (INTAKE vs EXHAUST) * 144 (TO CONVERT TO SQ. INCHES) = NET SQ. INCH REQUIREMENT	
640/300 = 2.1 /2 =1.1* 144 = 158 158 SQ. INCHES OF VENTILATION REQUIRED	

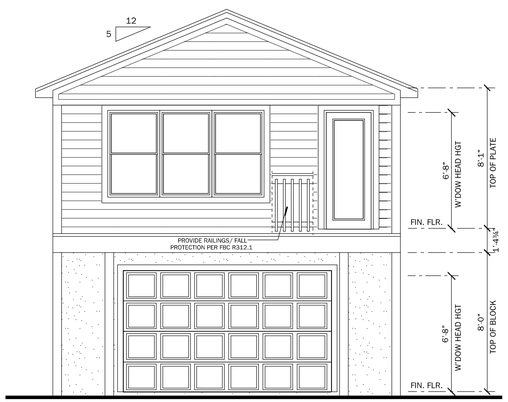
Flood Vents will be installed in accordance with 2.6.2.1 Nonengineered Openings
Nonengineered openings shall meet the following criteria: 1. There shall be a minimum of two openings on different sides of each enclosed area; if a structurs has more one enclosed area below the DFE, each area shall have openings; 2. The total net area of all openings shall be at least 1 square inch for each square foot of enclosed area; 3. The bottom of each openings shall be no more than 1 ft above the adjacent ground level; 4. Openings shall not be less than 3 in in any direction in the plane of the wall; 5. Any louvers, screens, or other opening covers shall not block or impede the automatic flow of flood waters into and out of the enclosed areas; and 6.Openings meeting requirements 1 thru 5 above installed in doors and windows are acceptable, however, doors and windows are not deems to meet the requirements of this section.

** Enclosed area on 1st floor can only be used for parking or storage

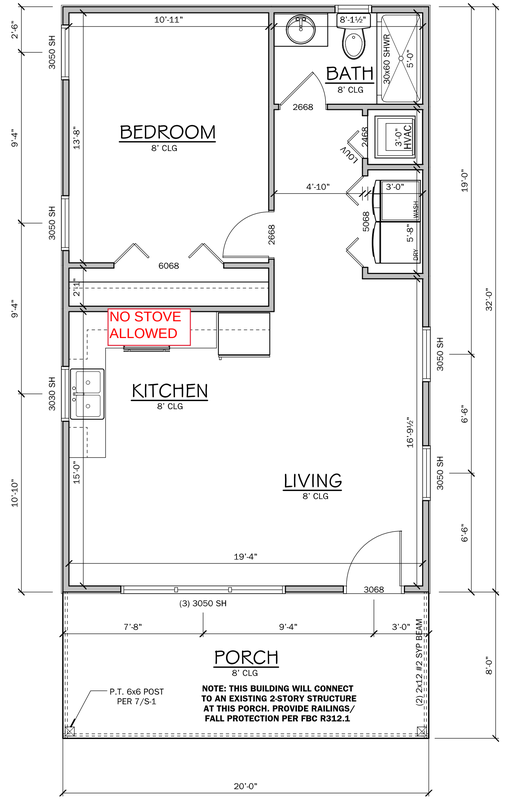


LEFT ELEVATION
SCALE: 1/4" = 1'-0"

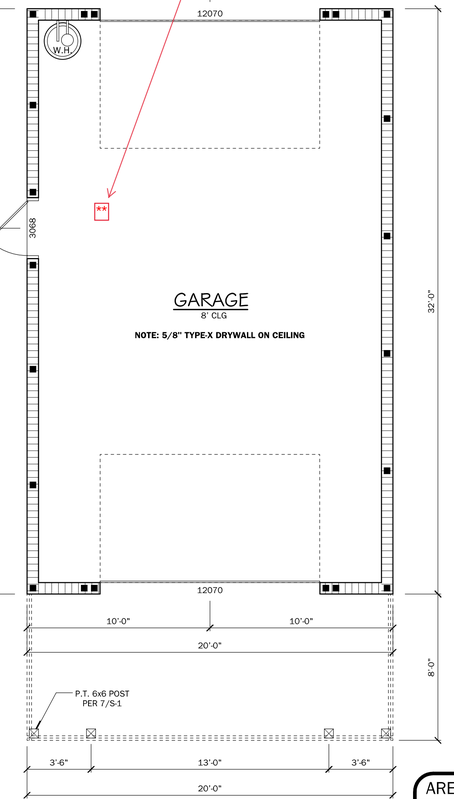
REAR ELEVATION
SCALE: 1/4" = 1'-0"



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



2nd FLOOR PLAN
SCALE: 1/4" = 1'-0"



1st FLOOR PLAN
SCALE: 1/4" = 1'-0"

AREA CALCULATIONS	
TOTAL LIVING	640 S.F.
GARAGE FRONT PORCH	640 S.F. 160 S.F.
TOTAL AREA UNDER ROOF	1,440 S.F.

Residential Design
1431 E. Wade Street
Trenton, FL 32693
352-274-3006
tchdesigns@gmail.com

ADD PLAN ENTRY/
PLAN REVISIONS
CUSTOM DESIGNS

RANDOLPH WIGGINS, P.E.
1431 E. Wade Street, Suite B Trenton, FL 32693
STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2020 FLORIDA RESIDENTIAL BUILDING CODE. SEAL APPLIES ONLY TO STRUCTURAL ITEMS. NOT RESPONSIBLE FOR THE STRUCTURAL DESIGN
RANDOLPH WIGGINS, P.E. FL # 15721
DATE: September 08, 2022

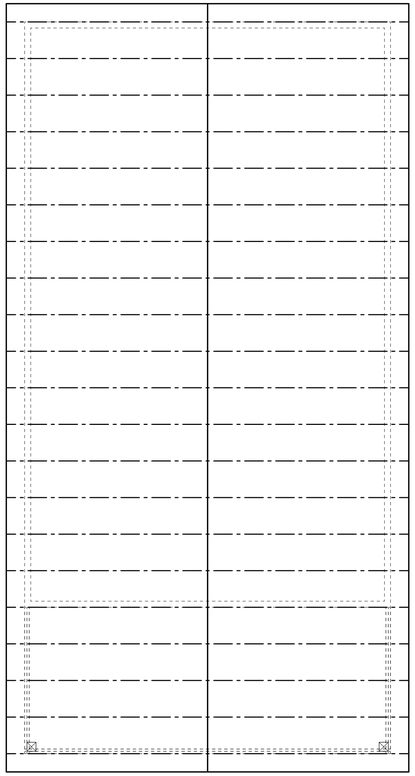
RANDOLPH WIGGINS LICENSE No. 15721 STATE OF FLORIDA PROFESSIONAL ENGINEER

Randolph Wiggins 2022.09.08 13:06:59 -04'00'

PROJECT:
Thomas Project
708 SW Bluff Drive
Ft White, FL
Columbia County

LAST PLOT DATE: September 08, 2022 01:04 PM

SHEET NO.
2
OF
4



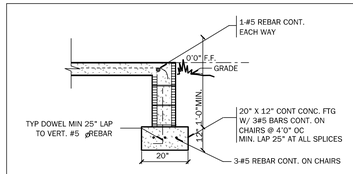
ROOF PLAN
SCALE: 1/4" = 1'-0"

MARK	HOLD DOWN ANALYSIS	UPLIFT
	UNLESS NOTED OTHERWISE PROVIDE APPROPRIATE CONNECTOR PER CHART AND PROVIDED TRUSS ENGINEERING	
	WOOD CONNECTIONS =	
	H2.5 W/ 10-8d NAILS	365#
	H1 W/ 10-8d NAILS	400#
	H10 W/ 16-8d NAILS OR	850#
	MTS12 W/ 14-10dX1-1/2" NAILS	
	HCP (HIP TRUSS) 12-10dX1-1/2" NAILS	645#
A	2 - MTS12 W/ 14 10dX1 1/2" NAILS	1720 #U
B	2 - HTS20 W/ 20 - 10d	2900 #U
C	HCP2 W/ 12-10d X 1 1/2" NAILS	520 #U
D	LGT2 W/30-16d SINKERS	1785 #U

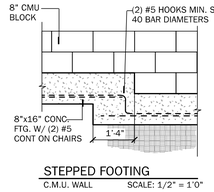
NOTE:
TYP. TRUSS TO FRAME CONNECTORS TO BE SIMPSON H10 TYP. U.N.O.

Flood Vents will be installed in accordance with

2.6.2.1 Nonengineered Openings
Nonengineered openings shall meet the following criteria:
1. There shall be a minimum of two openings on different sides of each enclosed area; if a structurs has more one enclosed area below the DFE, each area shall have openings;
2. The total net area of all openings shall be at least 1 square inch for each square foot of enclosed area;
3. The bottom of each openings shall be no more than 1 ft above the adjacent ground level;
4. Openings shall not be less than 3 in in any direction in the plane of the wall;
5. Any louvers, screens, or other opening covers shall not block or impede the automatic flow of flood waters into and out of the enclosed areas; and
6.Openings meeting requirements 1 thru 5 above installed in doors and windows are acceptable, however, doors and windows are not deems to meet the requirements of this section.



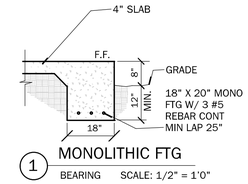
1 ALT STEMWALL FOOTING
SCALE: 1/2" = 1'0"



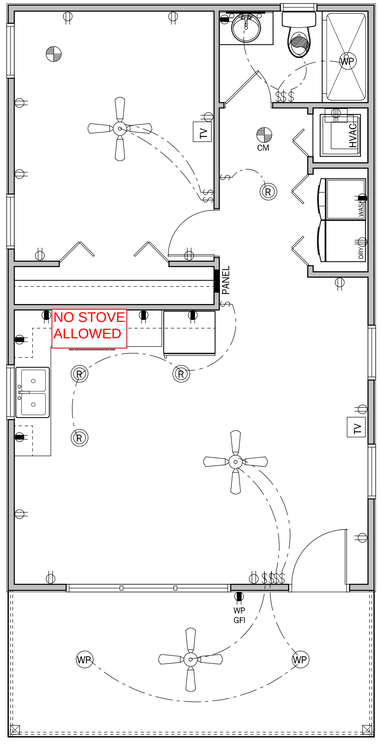
STEPPED FOOTING
C.M.U. WALL SCALE: 1/2" = 1'0"

FOR STEMWALL SLAB
4" 2500 PSI CONC. SLAB W/ 6x6 10/10 W.W.M., OR FOR STEMWALLS 4 COURSES OR LESS, FIBERMESH/FIBERMIX MAY BE USED ADDED TO THE CONCRETE IN ACCORDANCE W/ MANUF'S INSTRUCTIONS AND NER-284 FOR FIBERMESH OR NER-414 FOR FIBERMIX, OVER 6 MIL VISQUEEN
* G.C. TO COORDINATE FOUNDATION PLAN WITH SITE ELEVATIONS. IF STEM WALL IS GREATER THAN 4 COURSE HIGH PROVIDE ADDITIONAL FILLED CELL REINFORCING AT 48"o.c. IN STEM WALL STANDARD STEMWALL REINFORCING IS 96" O.C. U.N.O.

STEMWALL FOOTING & SLAB OPTION
VERIFY W/ BUILDER AND SITE CONDTIONS



1 MONOLITHIC FTG
BEARING SCALE: 1/2" = 1'0"



ELECTRICAL LEGEND

$	SINGLE POLE SWITCH	CO	CARBON MONOXIDE DETECTOR
$2	DOUBLE POLE SWITCH	SD	SMOKE DETECTOR
$3	THREE-WAY SWITCH		FLOOD LIGHT
$4	FOUR-WAY SWITCH		L.E.D STRIP LIGHT
$DM	DIMMER SWITCH		CEILING FAN
	CEILING FIXTURE	CHIMES	DOOR BELL CHIMES
	SCOUNCE (WALL MOUNTED) FIXTURE		DOOR BELL
	110 VOLT DUPLEX OUTLET	DISP	DISPOSAL
	110 VOLT SPLIT SWITCHED OUTLET		DISCONNECT SWITCH
	GROUND FAULT INTERRUPT	SP	PREWIRE SPEAKER
WP	WATER PROOF W/ GROUND FAULT	J	JUNCTION BOX
	220 VOLT OUTLET	T	THERMOSTAT
	SPECIAL SERVICES OUTLET		LOW VOLTAGE LIGHTING
TV	T.V. CABLE OUTLET	IC	INTERCOM SYSTEM
	TELEPHONE CABLE OUTLET	GDO	GARAGE DOOR PUSH BUTTON
	RECESSED LIGHTING		
	5"-6" L.E.D. SURFACE MOUNT		
	BATH FAN		
	BATH FAN W/ LIGHT		

NOTES:
UNLESS OTHERWISE NOTED

1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERED LINE OF THE BOX TO BE: 12" AFF (GENERAL)

KITCHEN	44" AFF
BATHROOM	39" AFF
LAUNDRY ROOM	36" AFF
EXTERIOR WATERPROOF	12" AFF
GARAGE GENERAL PURPOSE	42" AFF
RANGE	2" AFF

2. ALL TRIM PLATES & DEVICES TO BE GANGED, WHERE POSSIBLE.

3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR.

4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.

5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 907.

6. KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS

7. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.

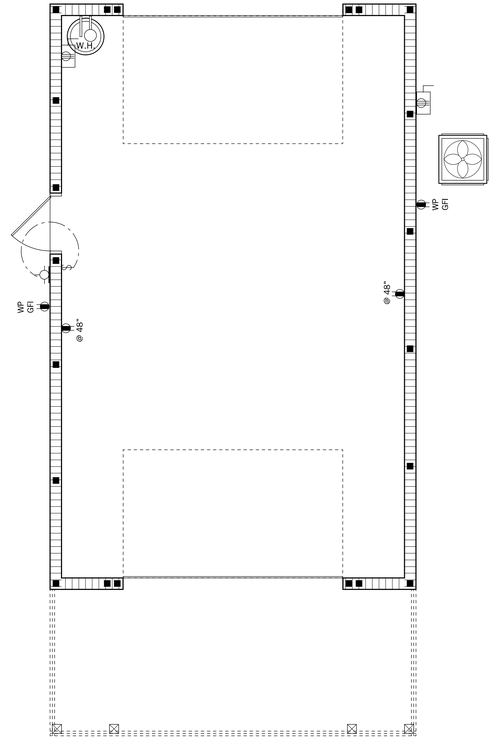
8. BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING, ATTIC SPACE AND SOFFITS ARE NOT ACCEPTABLE.

11. ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 dBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.

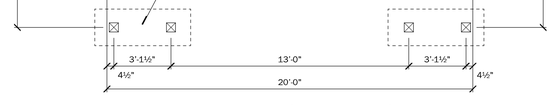
12. STOVE AND DRYER TO HAVE NEUTRAL

13. PROVIDE TAMPER RESISTANT RECEPTACLES WHERE APPLICABLE

14. PROVIDE ARC-FAULT RECEPTACLES ON ALL 15 & 20 AMP NON GFCI PROTECTED CIRCUITS



ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

Residential Design
1431 E. Wade Street
Trenton, FL 32693
352-274-3006
tchdesigns@gmail.com
CAD PLAN ENTRY
PLAN REVISIONS
CUSTOM DESIGNS
A B D

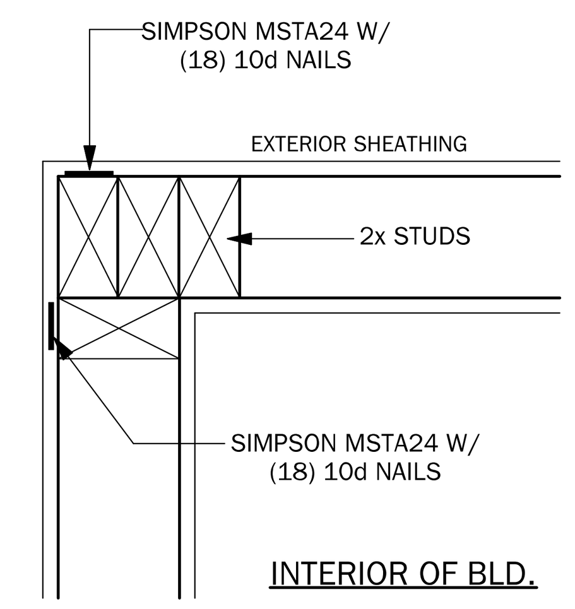
RANDOLPH WIGGINS, P.E.
1431 E. Wade Street, Suite B Trenton, FL 32693
STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2020 FLORIDA RESIDENTIAL BUILDING CODE, BASED ON THE 2018 INTERNATIONAL RESIDENTIAL CODE, FOR THE STRUCTURAL DESIGN
RANDOLPH WIGGINS, P.E. FL # 15721
DATE: September 08, 2022

RANDOLPH WIGGINS LICENSE No. 15721 STATE OF FLORIDA PROFESSIONAL ENGINEER

Randolph Wiggins
2022.09.08 13:07:00 -04'00'

PROJECT:
Thomas Project
708 SW Bluff Drive
Ft White, FL
Columbia County
LAST PLOT DATE: September 08, 2022 01:05 PM

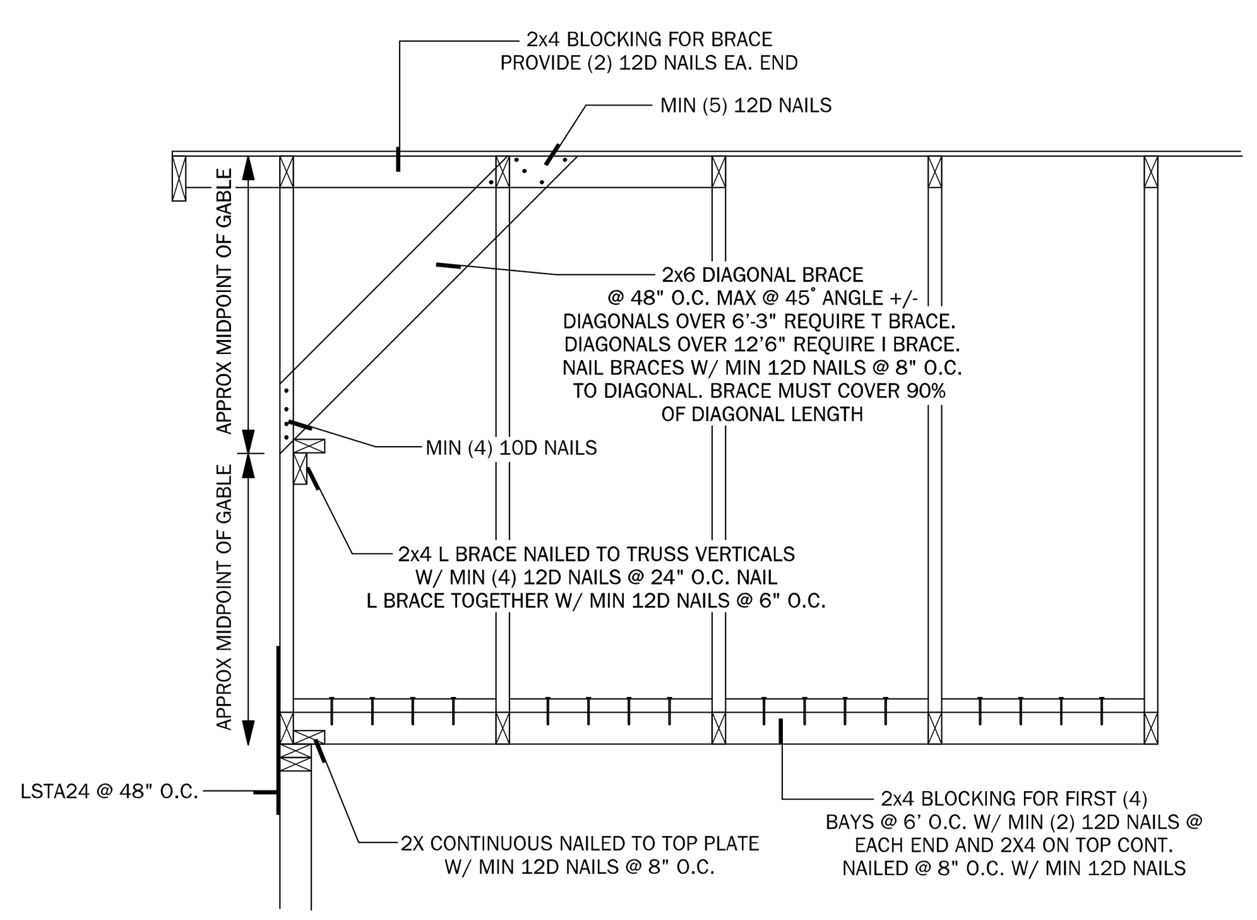
SHEET NO.
3
OF
4



2x4 WALL FRAMING

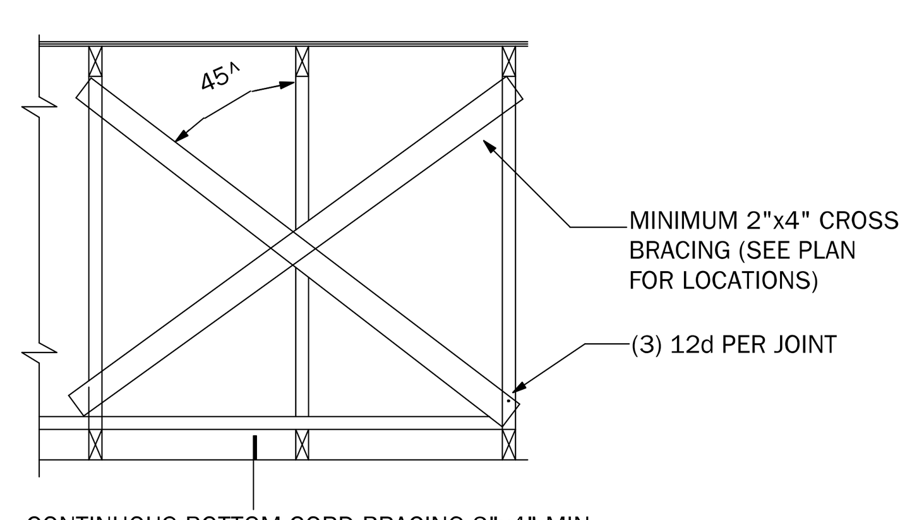
3 / S-1 **EXTERIOR WALL CORNER FOR 1/S-1**

N.T.S.

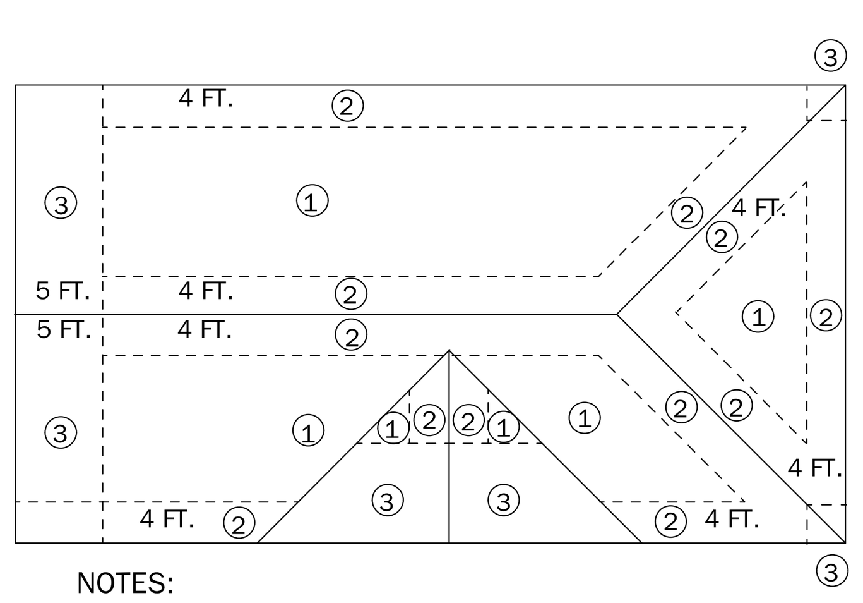


11 / S-1 **GABLE END BRACING**

N.T.S.



CROSS BRACING DETAIL



TYP. CLG. FOR ENTRY'S AND COVERED PORCHES EXTERIOR 7/16" OSB SPAN RATED FOR NAILING PATTERN SEE ZONE (1) ON ROOF DIAPHRAGM ABOVE

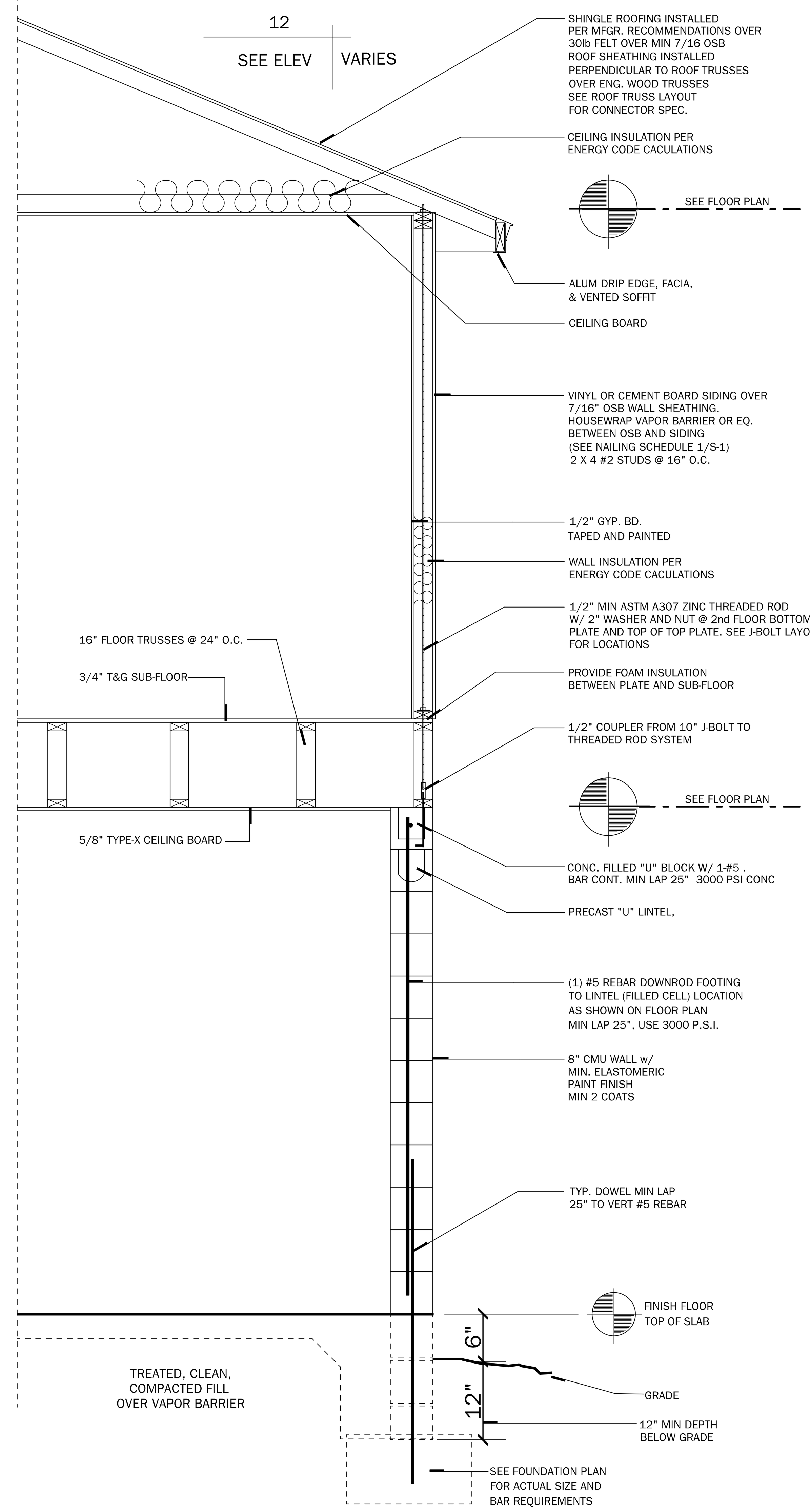
ROOF NAILING SCHEDULE:

ZONE 1 : 8d RINGSHANK NAILS @ 6" O.C. (ON EDGES & FIELD)
ZONE 2 : 8d RINGSHANK NAILS @ 6" O.C.(ON EDGES AND FIELD)
ZONE 3: 8d RINGSHANK NAILS @ 6" O.C. IN FIELD
8d RINGSHANK NAILS @ 4" O.C. ON EDGE

NOTES:
1. STAGGER END JOINTS @ FRAMING MEMBER
2. TYP. H - CLIP, EA. JOINT BETWEEN EA. FRAMING MEMBER
3. TYP. LOOKOUTS @ EA. JOINT & 24" O.C.
4. TYP. MIN. PLYWOOD WIDTH 12"

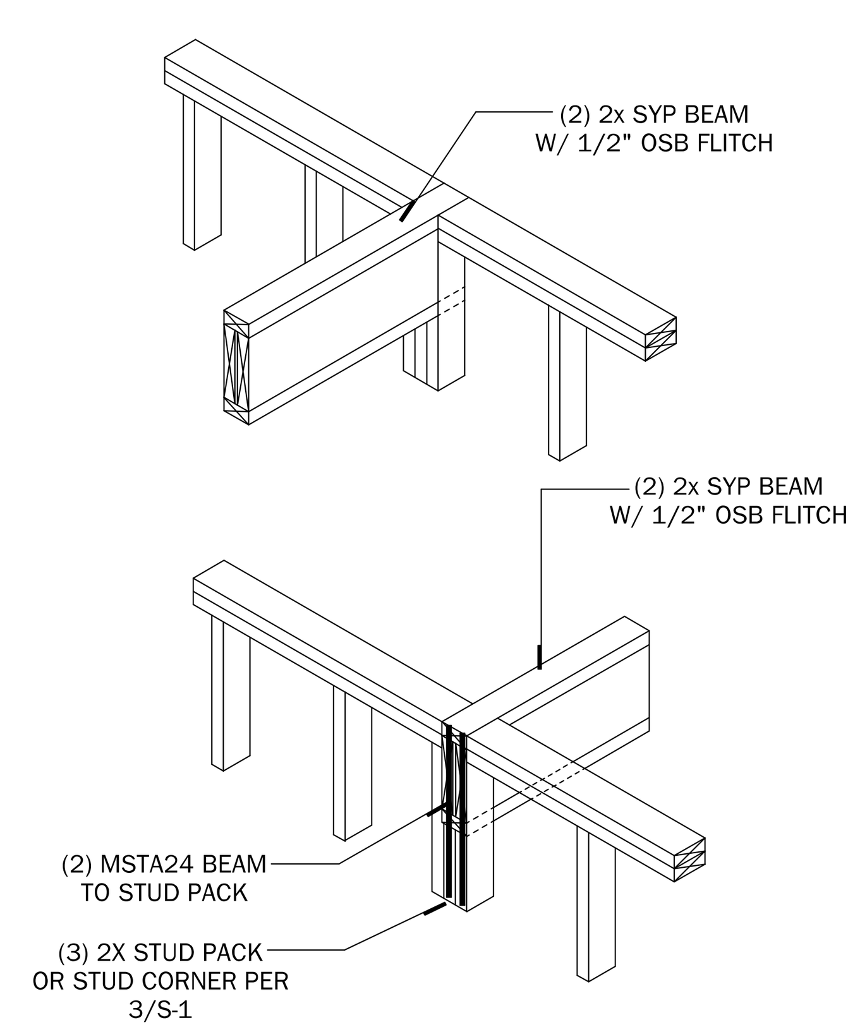
15 / S-1 **ROOF DIAPHRAGM NAILING SCHEDULE**

N.T.S.

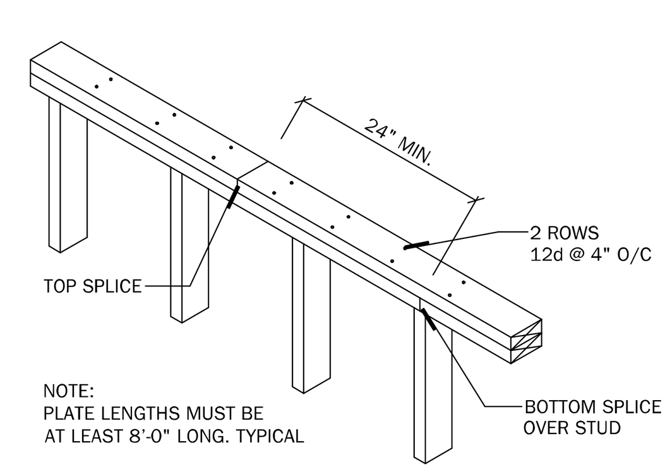


6 / S-1 **TYPICAL WALL SECTION**

N.T.S.

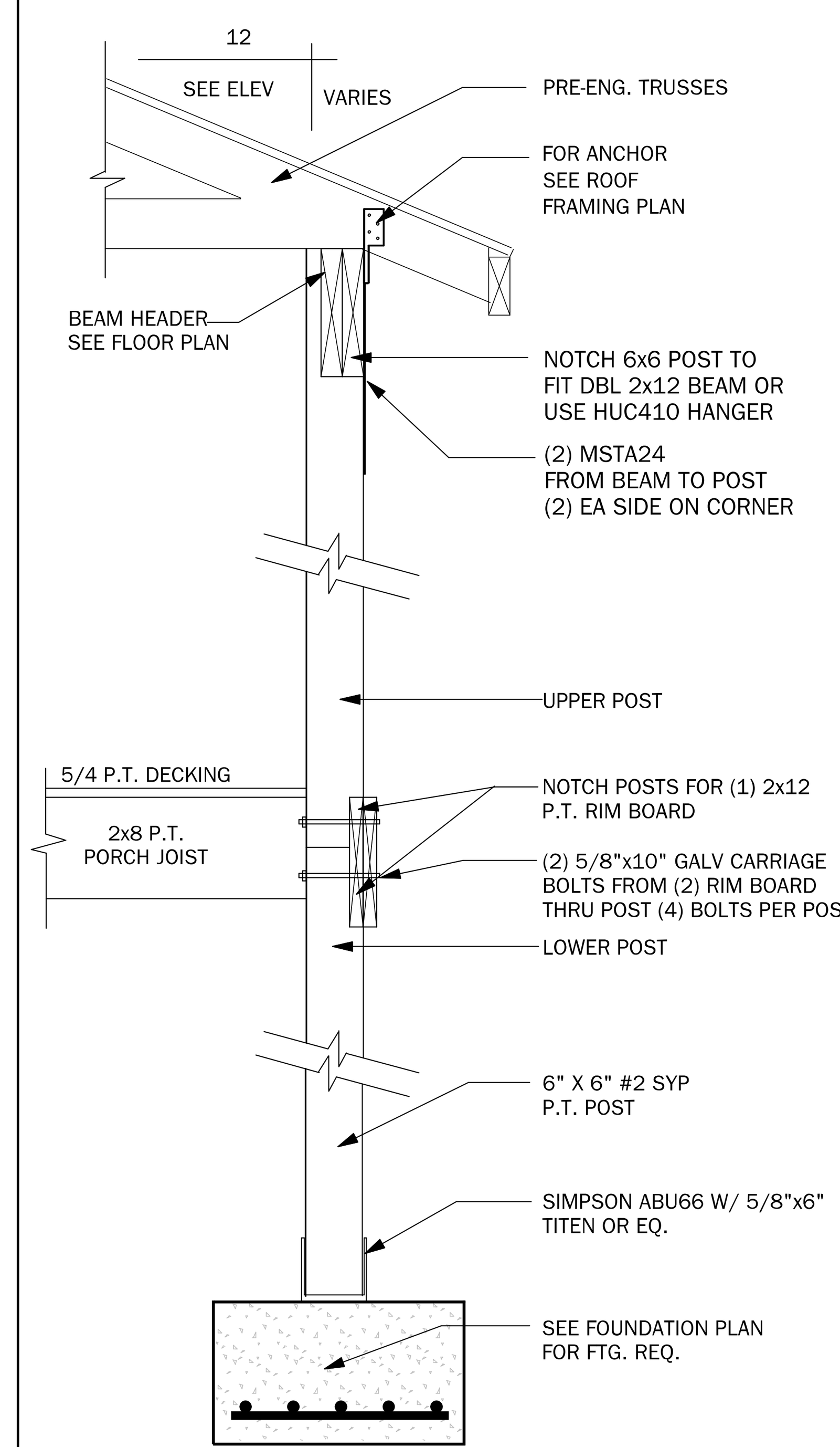


14 / S-1 **BEAM POCKET DETAIL**



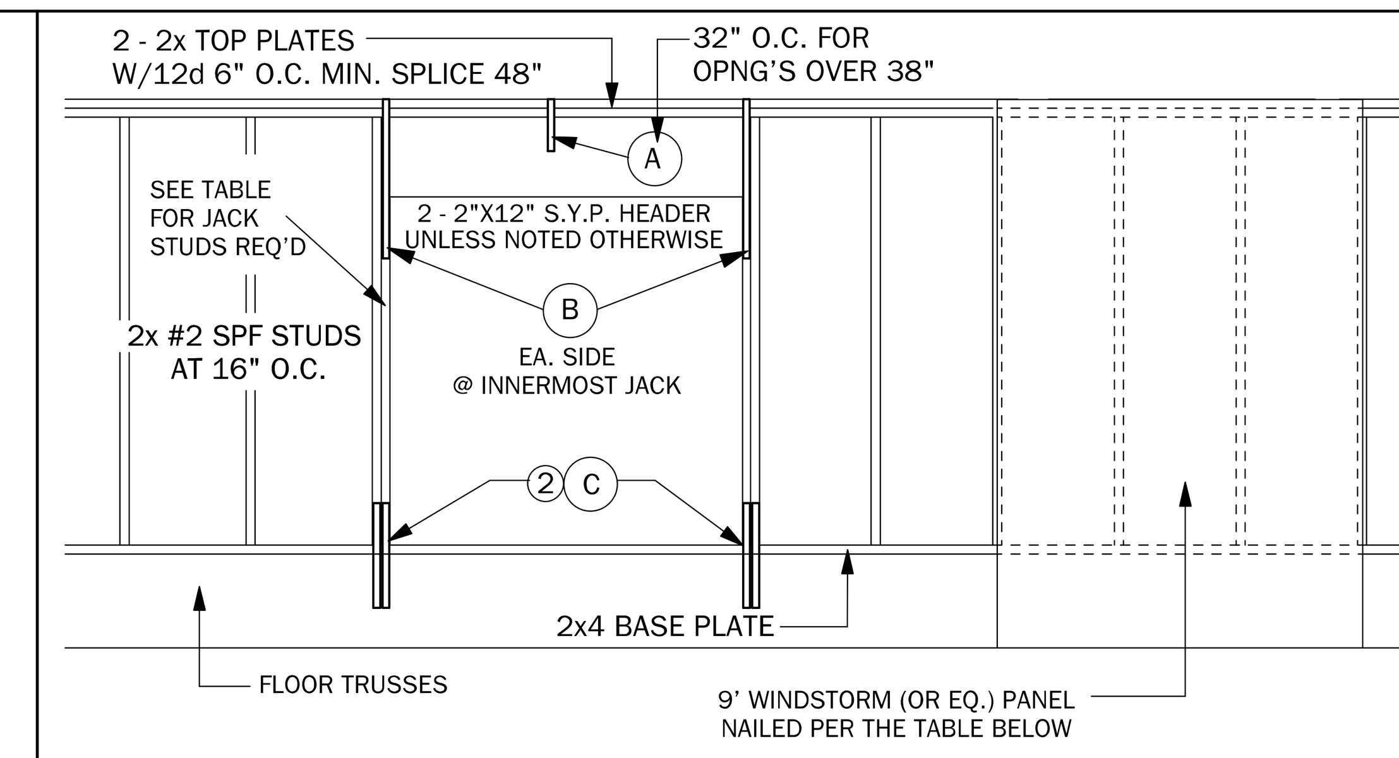
TOP PLATE SPLICE

N.T.S.



7 / S-1 **6x6 POST & BEAM DETAIL**

N.T.S.



EXTERIOR WALL SHEATHING INFORMATION

NOTES:
1. ALL EXTERIOR WALL SHEATHING TO BE MIN. 7/16" WINDSTORM OR EQ. MFGR. APPROPRIATE LENGTH SUB-SIDING
2. ALL WALL SECTIONS GREATER THAN 30% OF WALL HEIGHT AND WITH OPENING AREA LESS THAN 1 S.F. TO BE CONSIDERED SHEAR WALL SEGMENT
3. NAILING PATTERN:

TOP PLATE:	8d@3" O.C.
LONG EDGE:	8d@6" O.C.
FIELD:	8d@12" O.C.
BOTTOM PLATE:	8d@3" O.C.
BOTTOM EDGE:	8d@6" O.C.

CONNECTOR LEGEND	
A	SIMPSON SPH4 W/ 12-10d X 1 1/2" SIMPSON SPH6 W/ 12-10d X 1 1/2"
B	SIMPSON MSTA24 W/ (18) 10d NAILS
C	SIMPSON MSTA24 W/ (18) 10d NAILS

WINDOW & DOOR JACK TABLE
PROVIDE JACKS @ EACH END AS FOLLOWS:
(1) WHEN OPNG'S ARE LESS THAN 4'-1"
(2) WHEN OPNG'S ARE 4'-1" TO 8'-1"
(3) WHEN OPNG'S ARE 8'-1" TO 10'-1"
(4) WHEN OPNG'S ARE 10'-1" TO 12'-0"

WINDOW & DOOR STUD TABLE
PROVIDE STUDS @ EACH END AS FOLLOWS:
(1) WHEN OPNG'S ARE UNDER 4'-0"
(2) WHEN OPNG'S ARE 4'-1" TO 7'-11"
(3) WHEN OPNG'S ARE 8'-0" TO 11'-11"
(5) WHEN OPNG'S ARE 12'0" TO 15'-11"
(6) WHEN OPNG'S ARE 16'0" TO 18'-0"

1 / S-1 **TYPICAL EXTERIOR FRAME WALL**

N.T.S.

Residential Design
1431 E. Wade Street
Trenton, FL 32693
352-274-3006
tchdesigns@gmail.com
◦ CAD PLAN ENTRY ◦ PLAN REVISIONS ◦ CUSTOM DESIGNS

RANDOLPH WIGGINS, P.E.
1431 E. Wade Street, Suite B Trenton, FL 32693

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2020 FLORIDA RESIDENTIAL BUILDING CODE. SIGNATURE/SEAL ON ANY SHEET IS VALID ONLY FOR THE STRUCTURAL DESIGN

RANDOLPH WIGGINS, P.E. FL # 15721
DATE: September 08, 2022

RANDOLPH WIGGINS LICENSE No. 15721 STATE OF FLORIDA PROFESSIONAL ENGINEER

Randolph Wiggins 2022.09.08 13:07:16 -04'00'

PROJECT:
Thomas Project
708 SW Bluff Drive
Ft White, FL
Columbia County

LAST PLOT DATE: September 08, 2022 01:03 PM

SHEET NO.
S-1
OF
4