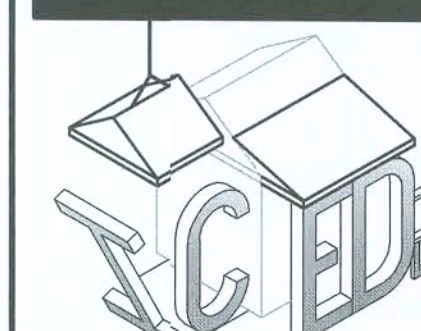
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I.C.E.D. Services LLC
Independent Coordinators for
Engineering & Drafting Services

(352) 900-ICED Phone
Jdiaz@ICEDServices.com

Builder:

Home-Owner Builder


Project:

Additon to Single
Family Residence

3088 County Rd. 138
Fort White, FL.
Jurisdiction: Columbia Co.

Sheet Title:
Demolition Plan & Exist
Elevations
Sheet #:
D1.0

Engineer:




The seal is circular with a double-lined border. The outer ring contains the text "SOUTHEAST BUILDING ENGINEERS, INC." at the top and "PE-64781" at the bottom. The inner circle features a stylized illustration of a house with a chimney and a tree. Below the illustration, the text "SEBE, INC." is written in a bold, serif font.

SOUTHEAST BUILDING
ENGINEERS
PE-64781

3578 Rolling Acres Rd.
Pace, FL 32571
772-774-9086 phone

TO THE BEST OF MY KNOWLEDGE
THIS STRUCTURE HAS BEEN
DESIGNED IN ACCORDANCE W/
SECTION 1609 OF THE 2017
FLORIDA BUILDING CODE 6TH ED.



Scott R. Sanders, P.E.
FL P.E. No. 64781

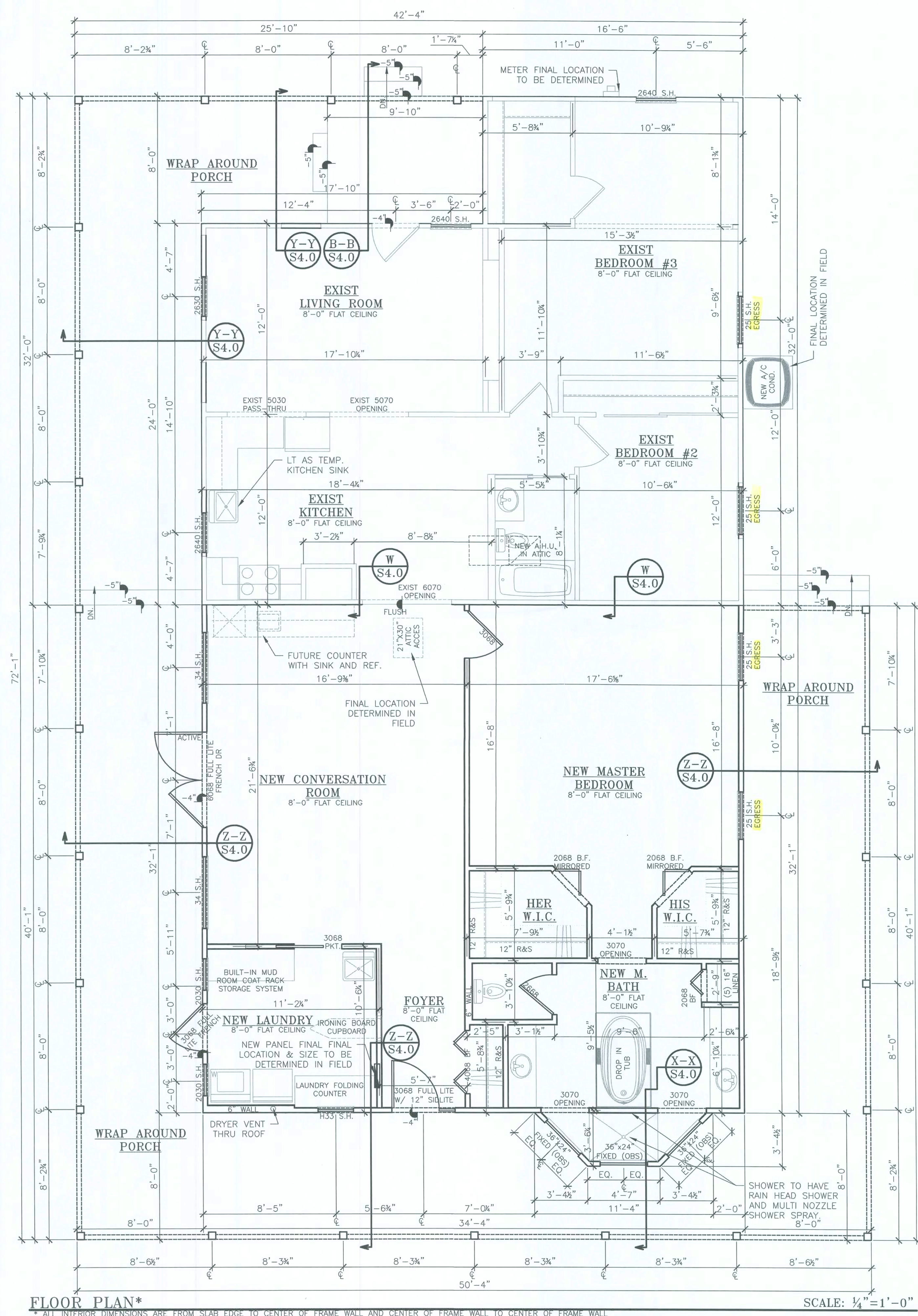
C&C Vasd Wall Wind Pressures	
120 B Risk Cat. II H<30 Ft.	
Zone 4 Interior	Zone 5 Exterior
A) 10 SF = +15.5 / -16.0	E) 10 SF = +15.5 / -20.0
B) 20 SF = +14.8 / -16.0	F) 20 SF = +14.8 / -19.0
C) 50 SF = +13.9 / -15.0	G) 50 SF = +13.9 / -17.0
D) 100 SF = +13.2 / -14.0	H) 100 SF = +13.2 / -16.0
E) 500 SF = +11.6 / -12.0	I) 500 SF = +11.6 / -12.0
Garage Door (Min. 2'-0" from corner)	
J) 9x7 = +13.7 / -15.5	K) 16x7 = +13.1 / -14.6




Scott R. Sanders, P.E.
FL P.E. No. 64781



AREA SCHEDULE			
Existing		New	
EXIST LIVING A/C	1,260 Sq Ft.	NEW LIVING A/C	2,083 Sq Ft.
EXIST PORCH	399 Sq Ft.	NEW EXPANDED PORCH	1,315 Sq Ft.
TOTAL	1,659 Sq Ft.	TOTAL	3,398 Sq Ft.





Scott R. Sanders, P.
FL P.E. No. 64781

CONCRETE NOTES:

CONCRETE HAS BEEN PERFORMED IN ACCORDANCE WITH ACI 318-05, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

NORMAL WEIGHT CONCRETE (145 PCF) 28-DAY COMPRESSIVE STRENGTHS:
PILING 5000 PSI WITH 40 WATER-CEMENT RATIO
SHALLOW FOUNDATIONS 2500 PSI
PILE SUPPORTED FOUNDATIONS 5000 PSI WITH 40 WATER-CEMENT RATIO
COLUMNS, BEAMS, AND ELEVATED SLABS, 3000 PSI

CONCRETE SLUMP SHALL BE AS FOLLOWS	SLUMP IN INCHES	
	MIN	MAX
MASSIVE SECTIONS, PAVEMENTS, AND SLABS	1½"	4"
HEAVY SLABS, BEAMS, WALLS	3"	5"
THIN WALLS, COLUMNS	3½"	6"

MINIMUM CONCRETE CLEAR COVER SHALL BE:

SLAB - ¾"
BEAMS AND COLUMNS - 1½"
TIE COLUMNS - ¾"
EXPOSED UNPROTECTED CONCRETE - 1½"
FORMED CONCRETE BELOW GRADE - 3"
UNFORMED CONCRETE BELOW GRADE - 3"

PLACING DRAWINGS AND BAR LISTS SHALL CONFORM TO A.C.I.'S "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES." (A.C.I. 315)

DETAILS OF CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION." AS PUBLISHED BY THE CONCRETE REINFORCING STEEL INSTITUTE UNLESS OTHERWISE INDICATED.

CONCRETE CONSTRUCTION TECHNIQUES SHALL CONFORM TO THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (A.C.I. 301)

ADEQUATE VERTICAL AND HORIZONTAL SHORING SHALL BE PROVIDED TO SAFELY SUPPORT ALL CONSTRUCTION LOADS

CONCRETE BEAM SIZES MAY BE INCREASED AS REQUIRED FOR ARCHITECTURAL DETAILS OR TO FIT BLOCK COURSING.

CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF A.C.I. 301 AND ASTM C-94 FOR MEASURING, MIXING, TRANSPORTING, ETC.

CONCRETE TICKETS SHALL BE TIME-STAMPED WHEN CONCRETE IS BATCHED. THE MAXIMUM TIME ALLOWED FROM WHEN WATER IS ADDED TO THE MIX UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED 90 MINUTES. IF FOR ANY REASON THERE IS A DELAY SUCH THAT A BATCH IS HELD FOR LONGER THE 90 MINUTES, THE CONCRETE SHALL NOT BE PLACED.

CALCIUM CHLORIDES SHALL NOT BE UTILIZED IN THE WORK.

OTHER ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ENGINEER.

FGC PROVIDES AN EXCEPTION FOR RESIDENTIAL CONSTRUCTION WHERE CONTROL JOINTS ARE NOT REQUIRED. HOWEVER, IN THAT EXCEPTION, IT SAYS THAT THE EXCEPTION IS ALLOWED WHERE THE OWNER ACKNOWLEDGES THAT CRACKS ARE ACCEPTABLE AND UNDERSTOOD.

WELDED WIRE MESH FOR SLAB REINFORCEMENT (OPTIONAL):

REFER TO FOUNDATION PLAN FOR SLAB REINFORCEMENT METHOD.

WELDED WIRE MESH SHALL BE ASTM A185, GRADE 65, FREE FROM OIL, SCALE, AND RUST AND SHALL BE PLACED IN ACCORDANCE WITH ACI TYPICAL DETAILS.

MINIMUM LAP SHALL BE ONE SPACE PLUS TWO INCHES.

MASONRY NOTES:

STRUCTURAL DESIGN IS IN ACCORDANCE WITH A.C.1530-05/ASCE 5-02/TMS 402-02, BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES AND THE COMMENTARY ON BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.

CONSTRUCTION SHALL BE IN ACCORDANCE WITH A.C.1530-05/ASCE 6-02/TMS 602-02, SPECIFICATIONS FOR MASONRY STRUCTURES AND THE COMMENTARY ON SPECIFICATIONS FOR MASONRY STRUCTURES.

ALL BLOCK WALLS SHALL BE TWO CELL HOLLOW CONCRETE MASONRY REGULAR SIZE BLOCK MANUFACTURED IN CONFORMANCE WITH ASTM C-90, GRADE, f'm=1500 P.S.I.

BLOCK SHALL BE PLACED IN RUNNING BOND UNLESS OTHERWISE NOTED. LAY UP MASONRY WALLS TO BOTTOM OF THE BEAMS BEFORE PLACING CONCRETE FOR IN WALL COLUMNS.

GROUT USED TO FILL MASONRY CELLS SHALL COMPLY WITH ASTM C-476 AND SHALL PROVIDE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I. AT 28 DAYS. THE GROUT MIX SHALL HAVE A MAXIMUM 3/8" COURSE AGGREGATE AND SHALL BE PLACED WITH A SLUMP OF 8" TO 10". USE MECHANICAL VIBRATION TO CONSOLIDATE GROUT.

TYPE S MORTAR SHALL BE USED EXCLUSIVELY ON THIS PROJECT. MORTAR SHALL BE PROPORTIONED AND MIXED AS OUTLINED UNDER ASTM C-270. HORIZONTAL AND VERTICAL MORTAR JOINTS SHALL BE 3/8" THICK UNLESS OTHERWISE NOTED. REMOVE MORTAR PROTRUSIONS THAT EXTEND INTO THE CELLS TO BE FILLED. ALLOW A MINIMUM OF 24 HOURS FOR MORTAR TO CURE PRIOR TO GROUTING CELLS.

TENSION AND COMPRESSION LAPS = .002 X BAR DIAMETER X F_s (NOTE THAT F_s= 24 KSI MAXIMUM (.4 X F_y)) (THIS EQUATES TO 48 X BAR DIAMETER)

MASONRY CONSTRUCTION SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A "CERTIFIED STRUCTURAL MASONRY CONTRACTOR". THE SUPERVISOR OF THE MASONRY PORTION OF THE PROJECT SHALL BE A "CERTIFIED STRUCTURAL MASONRY CONTRACTOR" OF A CERTIFIED STRUCTURAL MASON" AS RECOGNIZED BY THE FLORIDA CONCRETE AND PRODUCTS ASSOCIATION (FC&PA). THE SENIOR MASONRY SUPERVISOR WILL BE RESPONSIBLE TO ASSURE THAT THE WORK IS ACCOMPLISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE MASONRY CONTRACTOR SHALL SUBMIT CREDENTIALS FOR THE FC&PA TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BIDDING.

REINFORCING BAR SHALL BE IN ALL WALL INTERSECTIONS AND AT EACH SIDE OF ALL OPENINGS.

POURED DOWNCCELL TO BE AT EVERY GIRDER LOCATION AND REINFORCING BARS SHALL BE AT ALL DBL. GIRDER TRUSSES

FORMWORK:

FORMWORK SHORING, JD BRACING FOR ALL CONCRETE BEAMS, COLUMNS, WALLS, AND FOOTINGS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH A.C.I. 347, "RECOMMENDED PRACTICE FOR CONCRETE FORMWORK".

ANY AND ALL PLUMBING PIPE PENETRATIONS THROUGH FORMED WORK SHOULD BE DONE SO THAT REFORCING STEEL IS NOT DISRUPTED AND COVER FOR STEEL IS NOT AFFECTED

ANY UTILITY PIPES PENETRATING FOOTERS TO BE PROPERLY SLEEVED TO AVOID PIPED UTILITIES FROM BEING SHEARED DURING SETTLEMENT OF STRUCTURE

ELECTRICAL PIPES INSIDE OF THE POURED COLUMNS SO THAT THEY DO NOT TAKE UP MORE THAN 3% OF THE CROSS-SECTIONAL AREA OF THE COLUMNS AND THEY DO NOT AFFECT THE COVER ON THE REINFORCING STEEL

REINFORCING STEEL NOTES:

REBAR SHALL BE ASTM A615 GRADE 60 DEFORMED BARS, FREE FROM OIL, SCALE, AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAM AND PLACING DETAILS OF THE ACI STANDARDS AND SPECIFICATIONS.

HORIZONTAL AND VERTICAL BARS SHALL LAP 60X BAR NO. SEE LAP SPICE SCHEDULE UNSCHEDULED FIELD LAPS ARE SUBJECT TO ENGINEERS REVIEW.

TENSION LAP SPICE SCHEDULE:

BAR NO	PLAIN REINFORCEMENT				TOP BARS
	MASONRY SPlice LENGTH	3000 PSI	4000 PSI	3000 PSI	4000 PSI
3	-	16"	16"	21"	18"
4	4"	22"	19"	28"	24"
5	0"	27"	28"	33"	30"
6	8"	35"	31"	40"	40"
7	2"	48"	42"	63"	54"

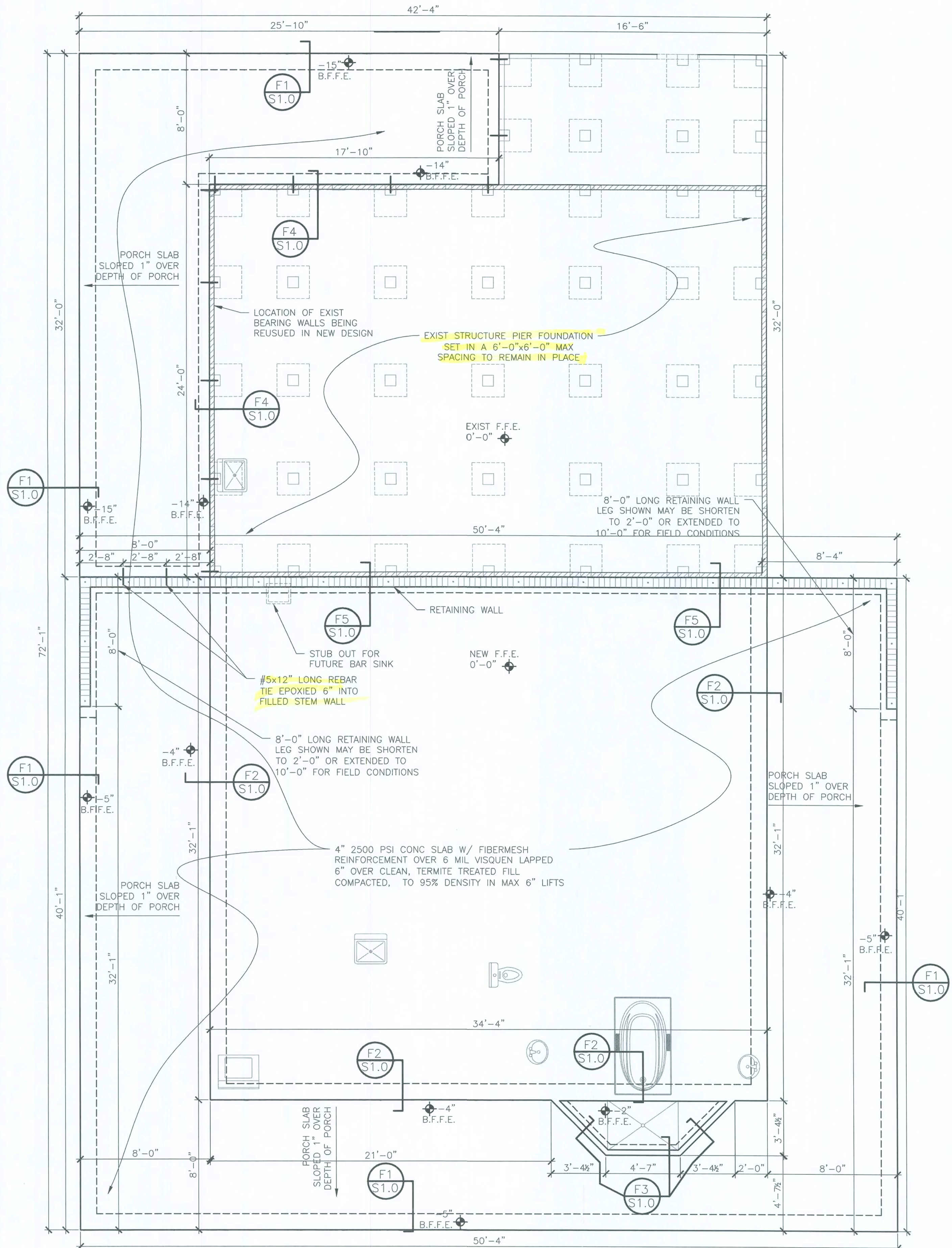
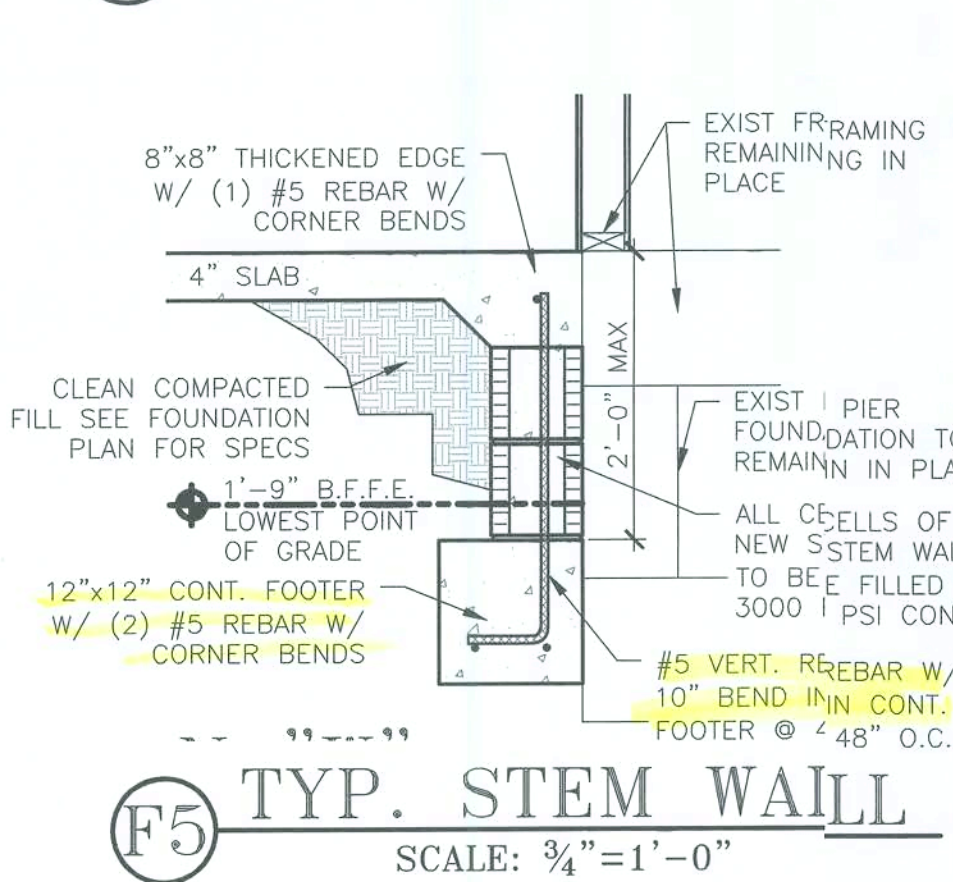
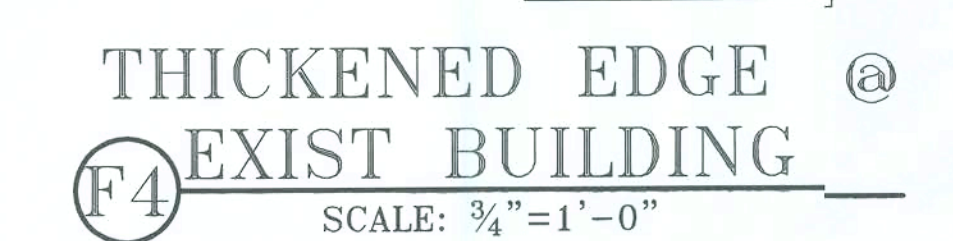
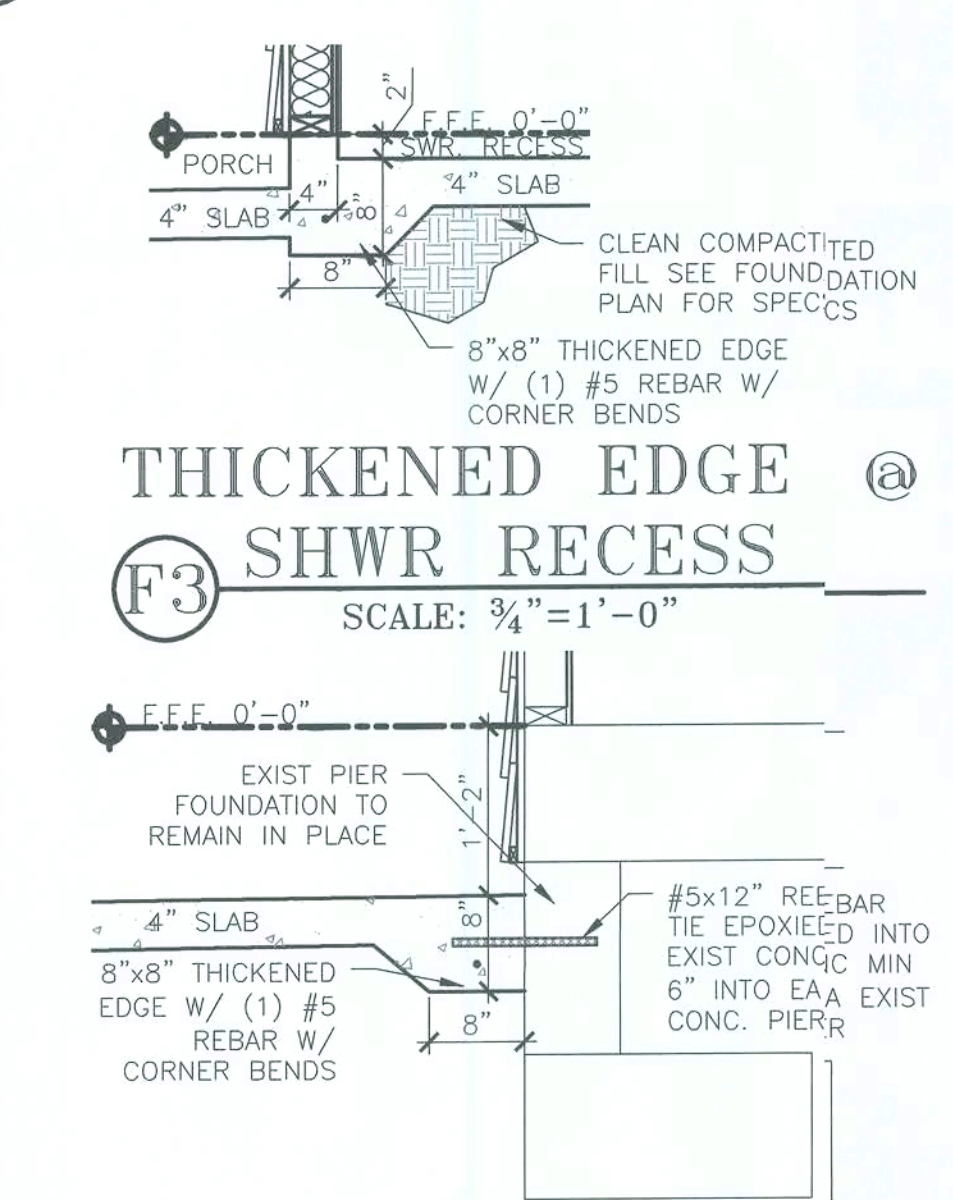
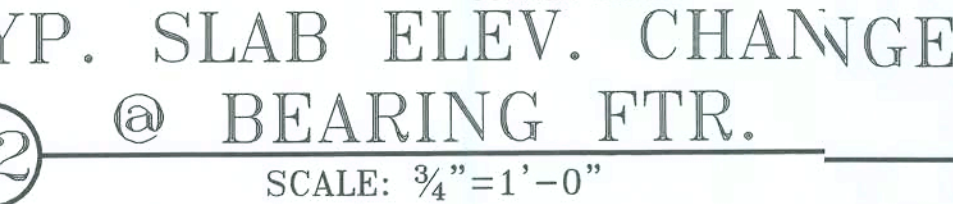
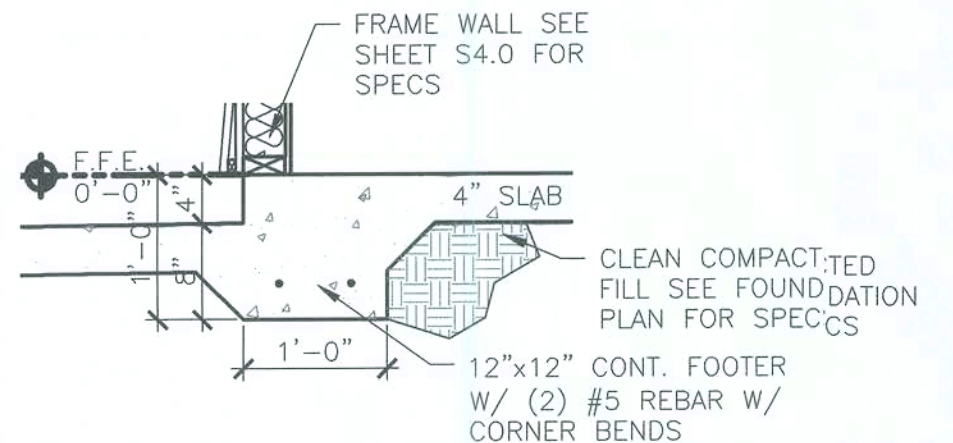
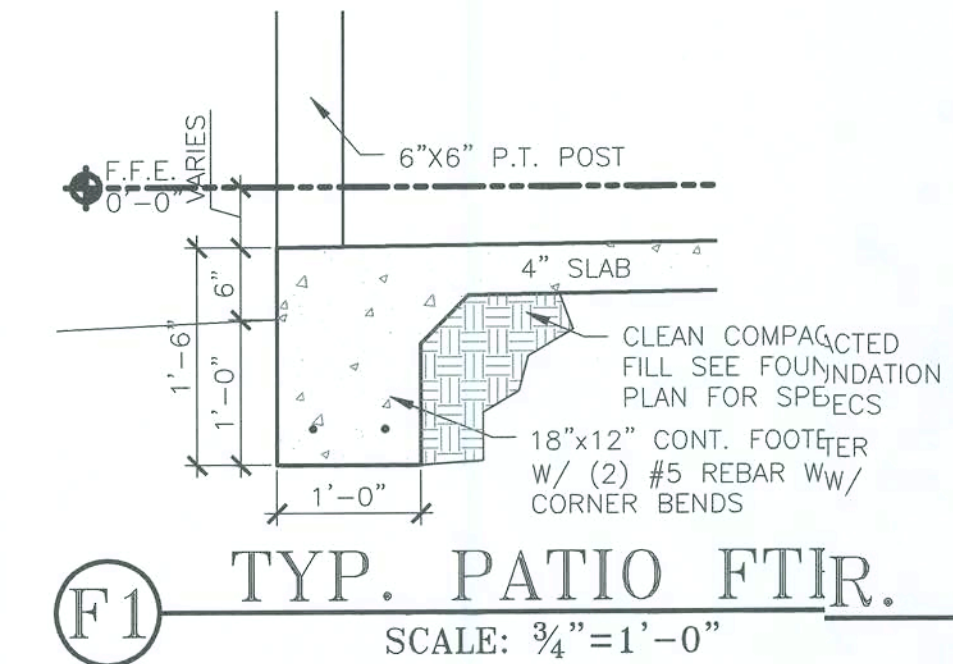
PROVIDE CORNER BAR LAPPED AND TIED TO EACH BEAM REBAR, TYPICAL AT ALL CORNERS, THE CORNER BARS SHALL BE THE SAME SIZE AS LONGITUDINAL BEAM BARS. SEE DETAILS FOR ADDITIONAL INFORMATION.

REINFORCING STEEL SHALL BE CAREFULLY PLACED, RIGIDLY SUPPORTED AND WELL TIED WITH BAR JOINTS AND SPACERS.

REINFORCING STEEL FOOTINGS SHALL BE ASSEMBLED AS MATS WITH BARS EQUALLY SPACED AND WIDED TOGETHER AT EACH INTERSECTION BEFORE CONCRETE IS PLACED.

DOWEL COLUMN AND ALL REINFORCING TO FOOTING WITH SAME SIZE AND NUMBER OF DOWELS; VERTICAL BARS ABOVE.

DOWEL SHALL BE HOOKED "L" AT BOTTOM AND SHALL BE LAPPED 36 BAR DIAMETER WITH THE COLUMN OR WALL REINFORCING ABOVE.



FOUNDATION PLAN

SCALE: ¼" = 1'-0"

Revisions:

No. Date Description

Drawn: J.D.

Issue Date: 03.07.2020



I.C.E.D. Services LLC.

Independent Coordinators for Engineering & Drafting Services

(352) 900-ICED Phone Jdiaz@ICEDServices.com

Builder:

Home-Owner Builder

Projec:

Addition to Single Family Residence

3088 County Rd. 138 Fort White, FL. Jurisdiction: Columbia Co.

Sheet Title:

Foundation Plan

Sheet #:

S1.0

Engineer:



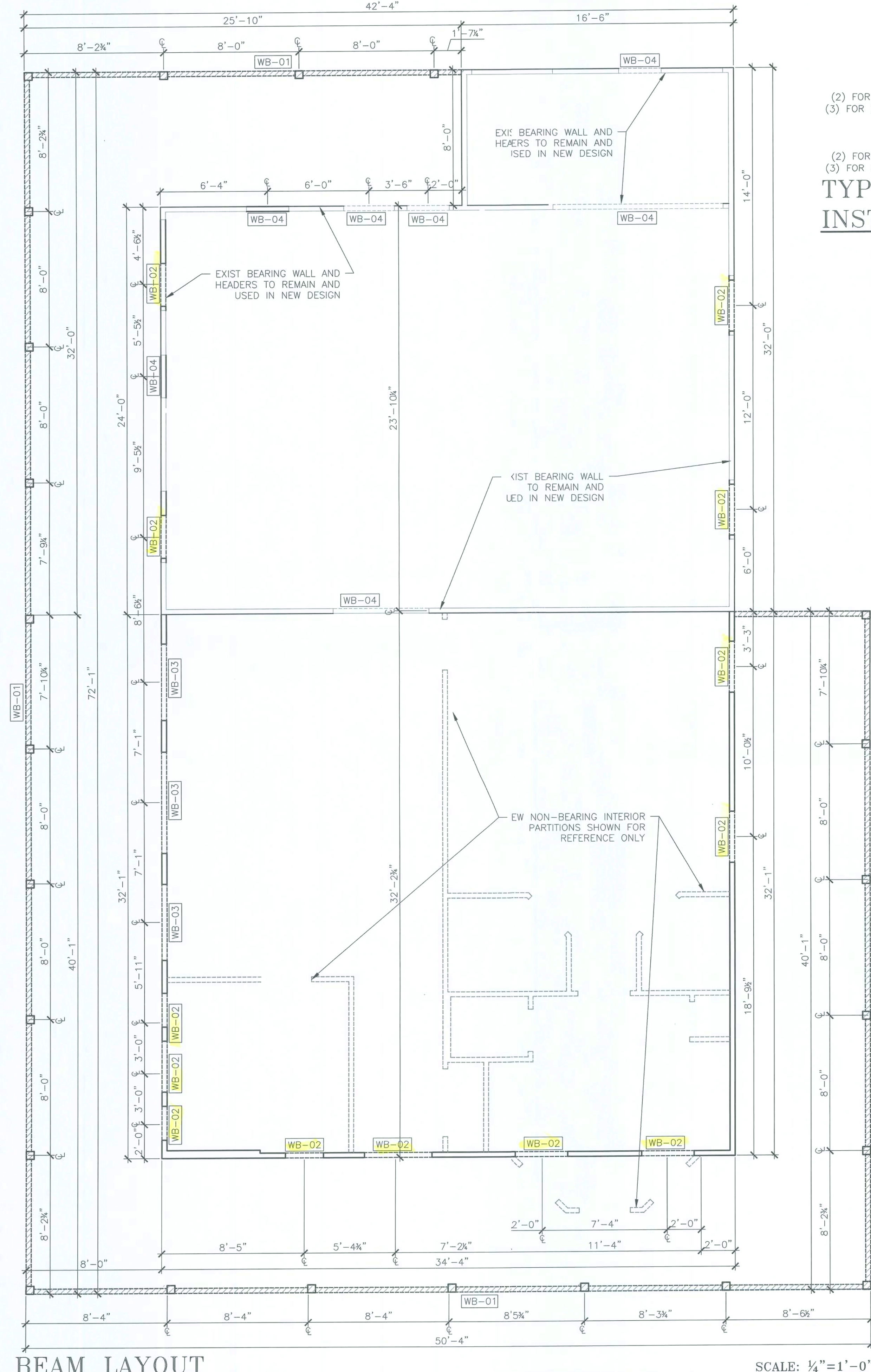
SOUTHEAST BUILDING ENGINEERS PE-64781

3578 Rolling Acres Rd. Pace, FL 32571 772-774-9086 phone

TO THE BEST OF MY KNOWLEDGE, THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 1609 OF THE 2017 FLORIDA BUILDING CODE 6TH ED.

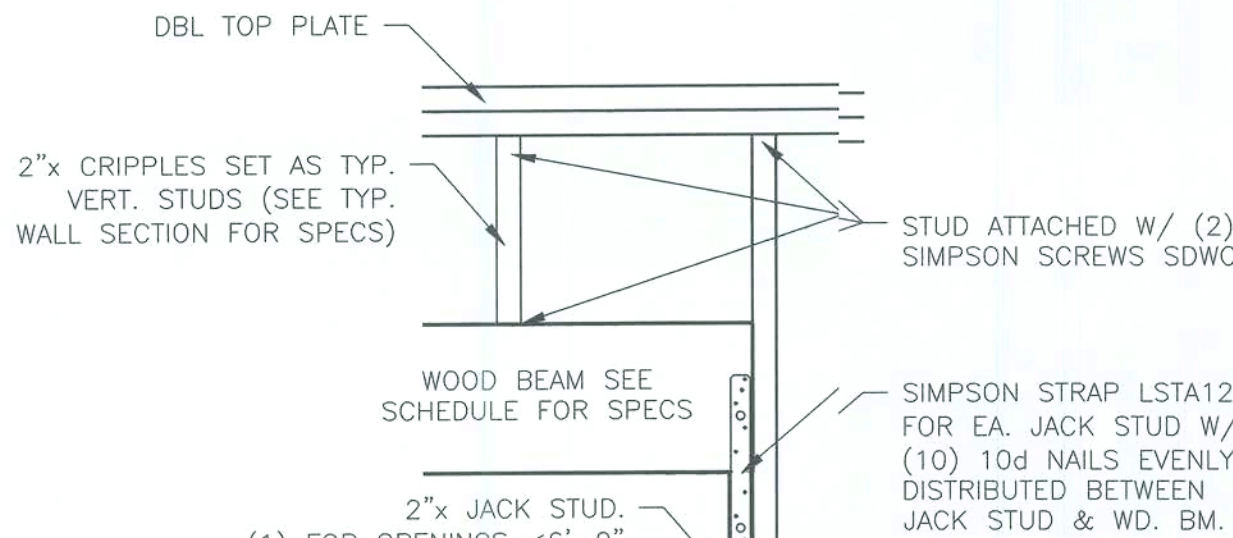
Scott R. Sanders, P.E. FL P.E. No. 64781

WOOD BEAM SCHEDULE				
LABEL	LENGTH	BEAM SPECIFICATIONS	FASTENING SPECIFICATIONS	EST. COMPLETED LIFT WIEGHT
WB-01	Perimeter 8'-0" Max Span	(2) 2"x10" SP	Ced and screwed w/ #10X3" long wd. Screws @ 4" o.c. stagger	5#/LF
WB-02	4'-0" Max Span	(2) 2"x6" SP	Ced and screwed w/ #10X3" long wd. Screws @ 4" o.c. stagger	16# Max
WB-03	6'-0" Max Span	(2) 2"x8" SP	Ced and screwed w/ #10X3" long wd. Screws @ 4" o.c. stagger	31# Max
WB-04	Existing Beam to Remain in Place. All existams being left in place to be verified to have appropriate number of jack studs and king studs (See p. Window/Door Header Installation Detail for specs)			



BEAM LAYOUT

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



TYP WINDOW/DOOR HEADER INSTALLATION DETAILS

SCALE: 1"=1'-0"

TIMBER NOTES:

ALL WOOD MEMBERS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND ITS SUPPLEMENT, (NDS)

ALL WOOD FOR BEAMS, BEARING WALLS, SOLE PLATES, TOP PLATES, BLOCKING, BRACING, LEDGERS, CRIPPLES, SILLS, ETC... SHALL BE SOUTHERN PINE NO. 2, KD-15 OR BETTER, MIN (3) 2"x UNDER ALL GIRDER BEARING LOCATIONS. SEE FLOOR PLAN

MICRO LAM BEAMS SHALL BE MANUFACTURED BY TRUS-JOIST CORP., OR AND APPROVED EQUIVALENT AND SHALL PROVIDE A MODULUS OF ELASTICITY OF 2,000,000 PSI, A MINIMUM FLEXURAL STRENGTH OF 2,925 PSI, AND A MINIMUM HORIZONTAL SHEAR STRESS OF 285 PSI.

ALL WOOD IN CONTACT WITH CONCRETE OR CONCRETE BLOCK SHALL BE PRESSURE TREATED. ACCEPTABLE TREATMENTS INCLUDE ACQ, (AMINE COPPER QUAT) COPPER BORON, AZOLE, ACID COPPER CHROMATE, AND COPPER CITRATE. BORATE BASED TREATMENTS SUCH AS ZINC BORATE AND SODIUM BORATE ARE ALSO ACCEPTABLE FOR INDOOR USES.

FOR STRUCTURAL USES, AVOID BUYING TREATED LUMBER THAT CONTAINS MORE THAN 1/2" OF HEARTWOOD

AVOID INHALATION OF SAWDUST PRODUCED BY PRESSURE TREATED WOOD, WEAR A DUST MASK AND WORK OUTDOORS. DISPOSE OF DUST AND SCRAP BY ORDINARY TRASH COLLECTION. DO NOT BURN. PRESSURE TREATED WOOD MAY PRODUCE TOXIC FUMES.

IN HIGHLY CORROSIVE ENVIRONMENTS ALL WIND RESISTING HARDWARE INCLUDING THE HURRICANE STRAPS SHALL BE MADE OF STAINLESS STEEL OR SHALL BE DIPPED (AND SCRATCHES REPAINTED) IN COL-TAR EPOXY PAINT.

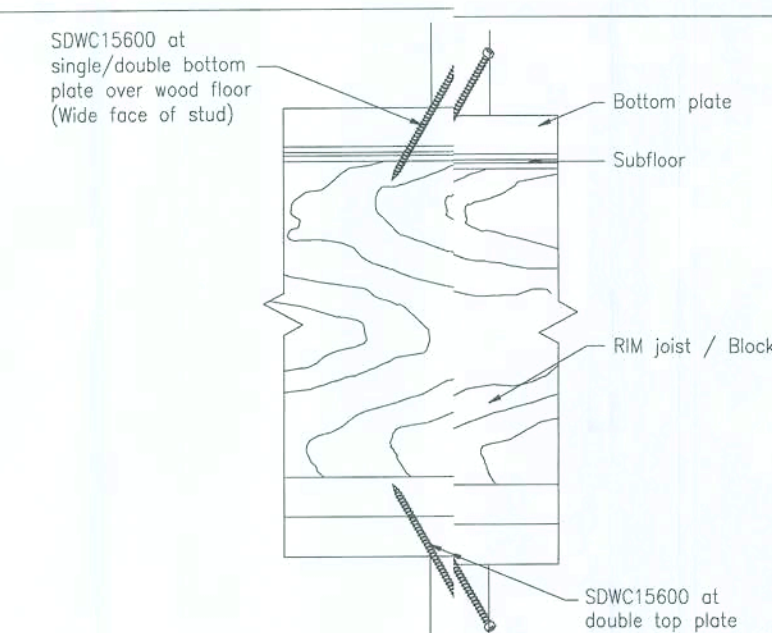
HURRICANE STRAPS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

HANGERS OR STRAPS THAT DO NOT MATCH EXACTLY TO THE ONES SPECIFIED ON THE DRAWINGS IN STEEL YIELD OR ULTIMATE STRENGTH, STEEL DIMENSIONS (LENGTH AND WIDTH), NUMBER AND DIAMETER OF HOLES FOR SAME SIZES OF NAILS OR BOLTS, AND/OR DO NOT HAVE THE SAME GENERAL SHAPE WILL NOT BE ACCEPTABLE.

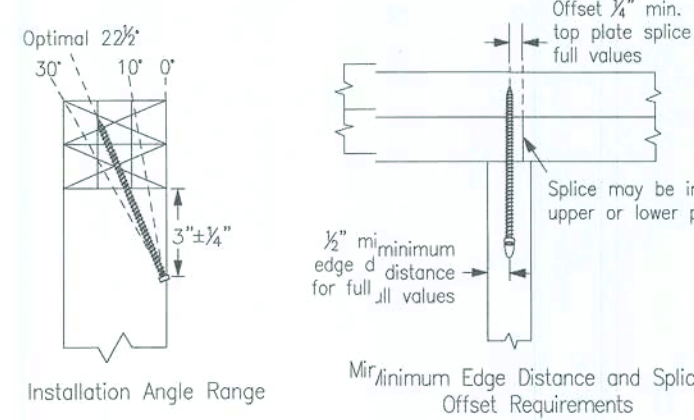
NO POCKETS WILL BE ALLOWED IN CONCRETE OR STEEL MEMBERS FOR CONNECTION OF WOOD MEMBERS UNLESS CONNECTION DETAIL IS IN WRITING PRIOR TO INSTALLATION.

ALL NAILS, SCREWS, AND BOLTS SHALL BE HOT-DIPPED GALVANIZED.

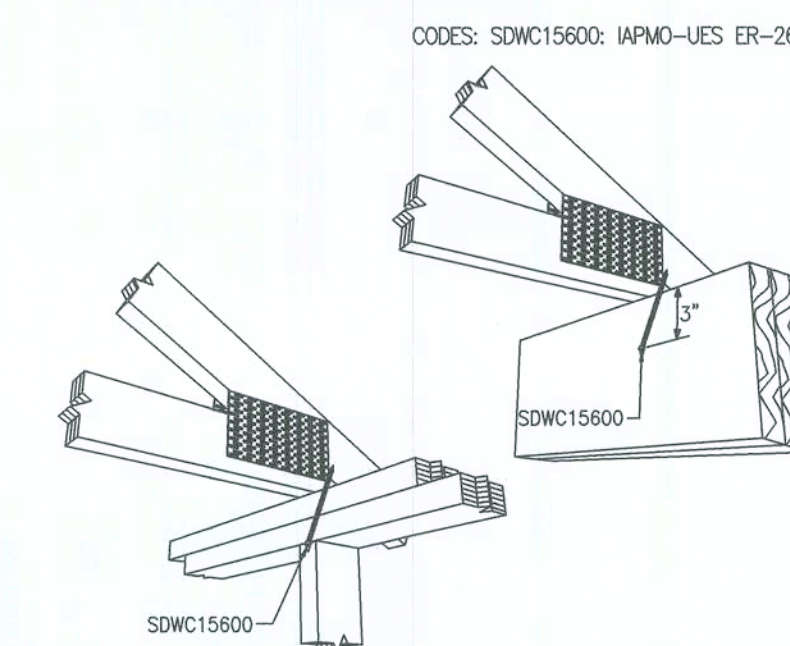
BEAM HEIGHT SCHEDULE	
8'-0" A.F.F.E.	
6'-11" A.F.F.E.	



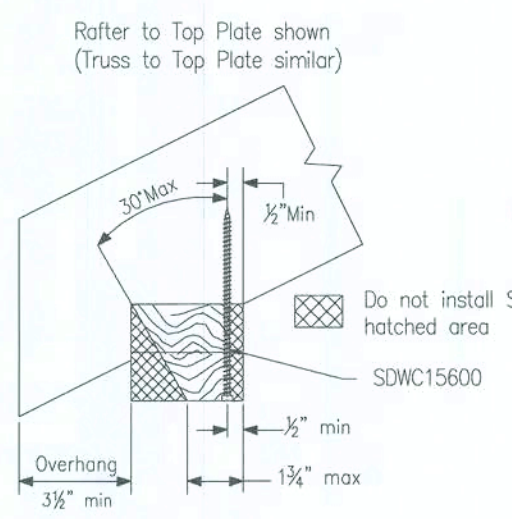
11 SDWC STUD-TO-BOT. PLATE CONNECTION OVER WOOD FLOOR



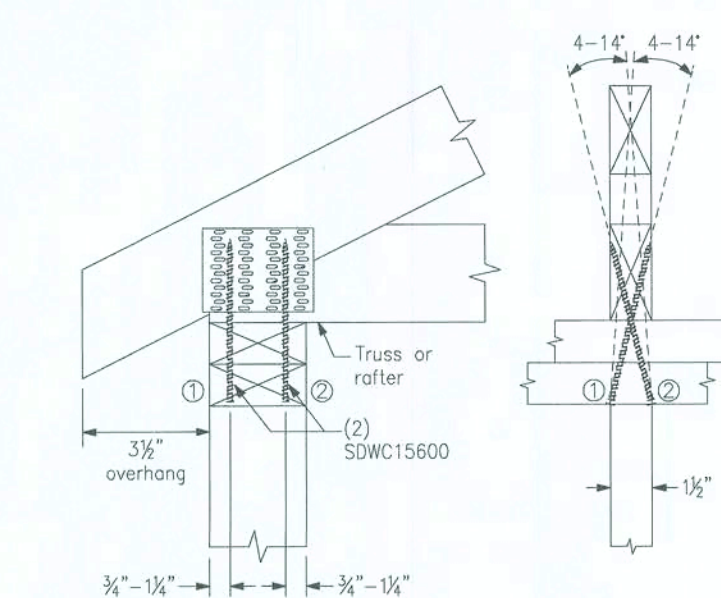
14 NARROW FACE OF STUD TO TOP PLATE INSTALLATION



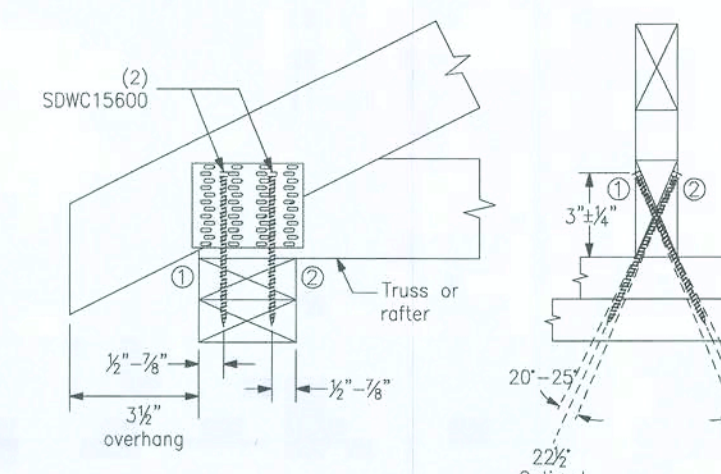
1 SINGLE SDWC ROOF TO WALL OR BEAM INSTALLTION



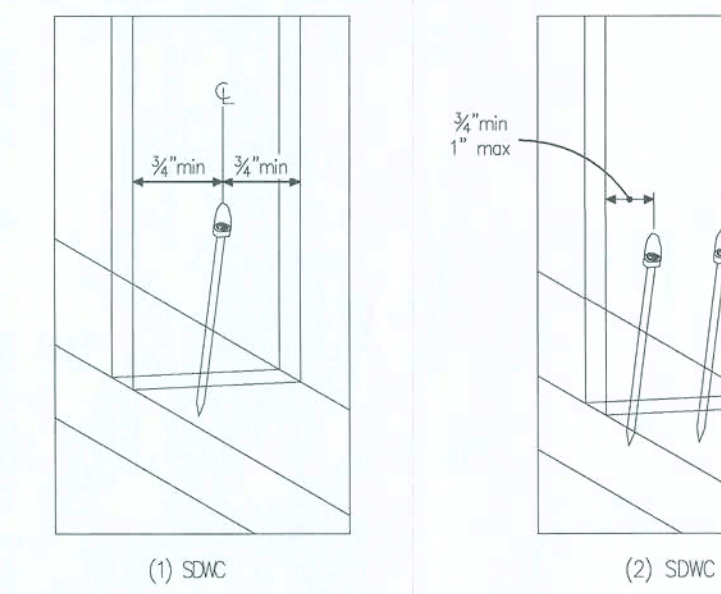
2a OPT. SDWC INSTALLATION RANGE



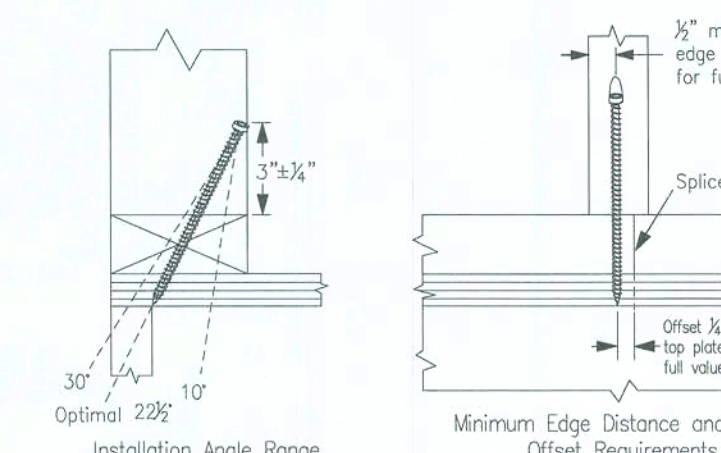
5 DOUBLE SDWC INSTALL: CONFIGURATION A



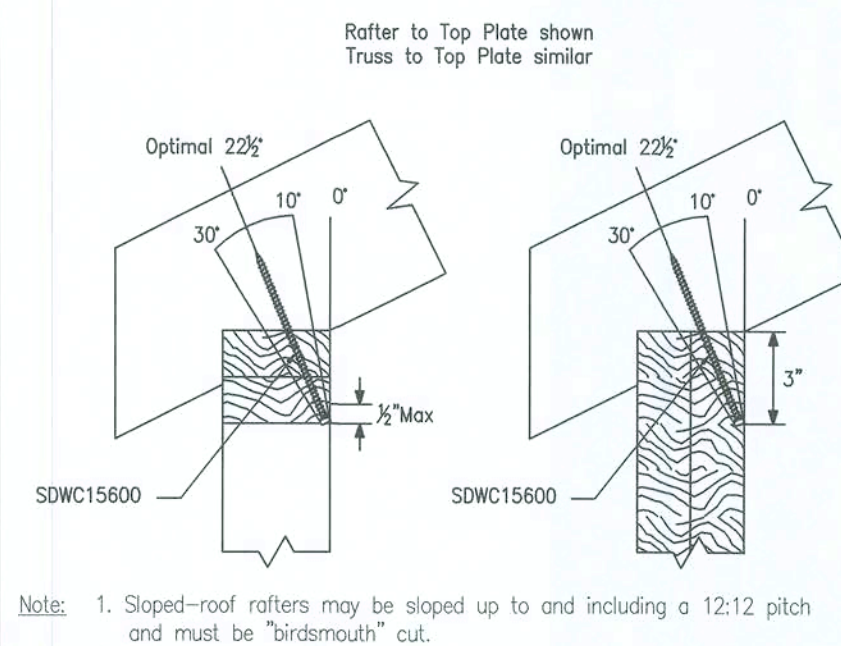
8 DOUBLE SDWC TRUSS INSTALL FROM TOP: CONFIG. D



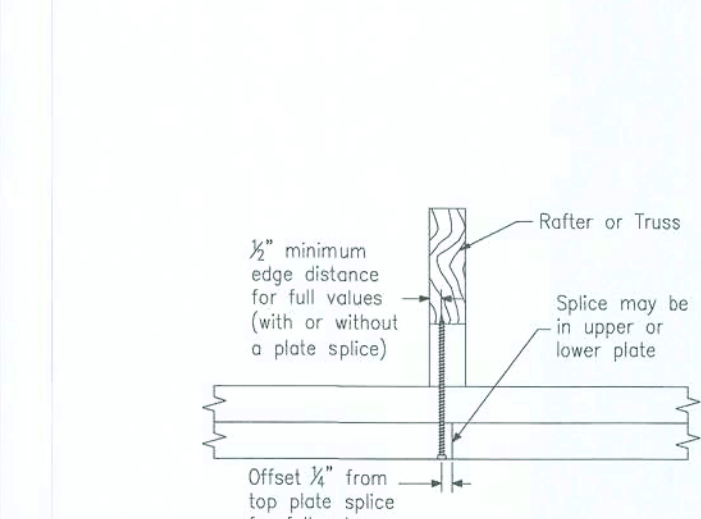
12 SDWC EDGE DISTANCE AND SPACING INFORMATION



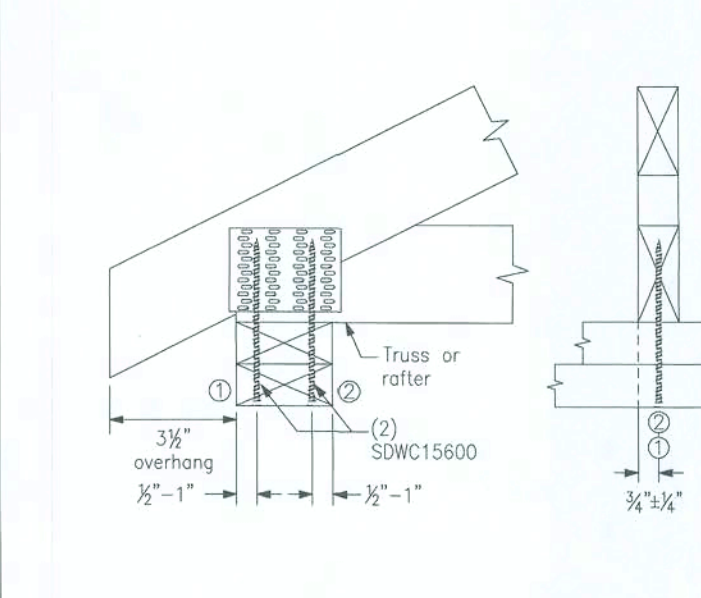
15 NARROW FACE OF STUD TO BOTTOM PLATE INSTALLATION



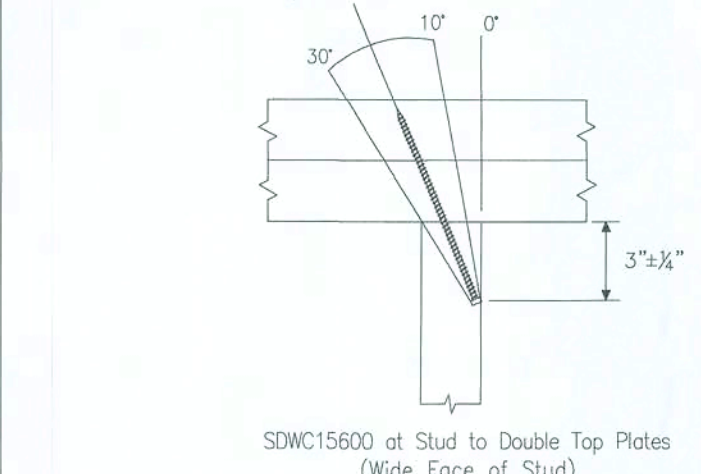
1a SINGLE SDWC ROOF TO WALL OR BEAM INSTALLTION RANGE



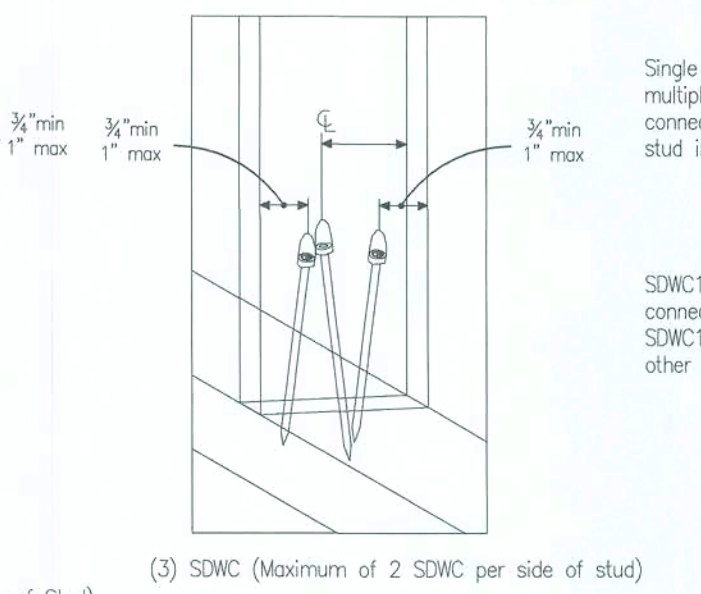
3 SDWC MIN. EDGE DISTANCE FOR TOP PLATE SPLICE



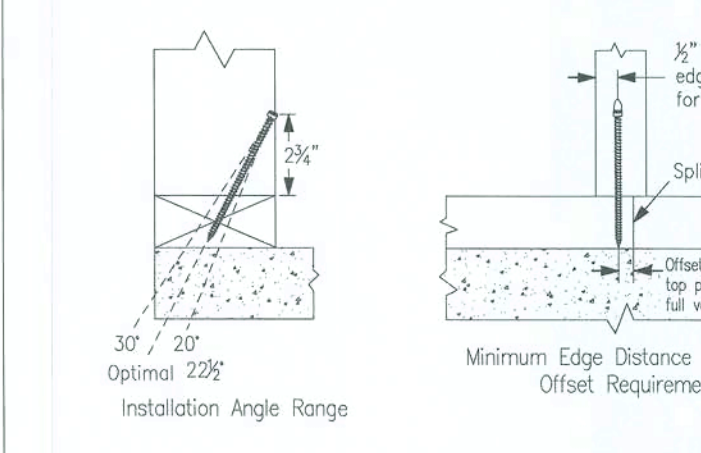
6 DOUBLE SDWC INSTALL: CONFIGURATION B



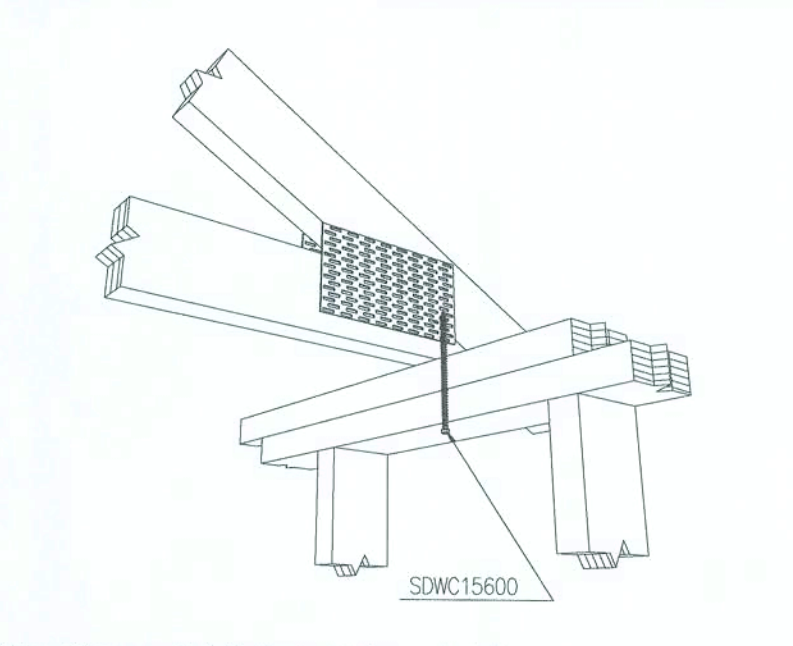
9 SDWC STUD-TO-TOP/BOTTOM PLATES CONNECTION



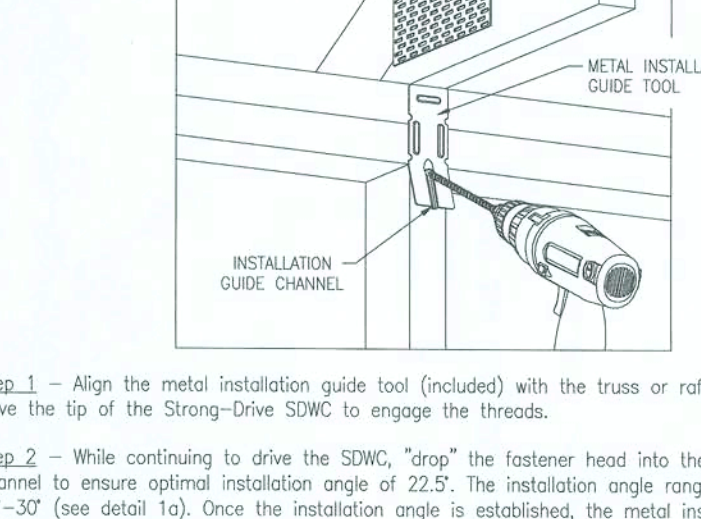
13 NARROW FACE OF STUD CONNECTIONS



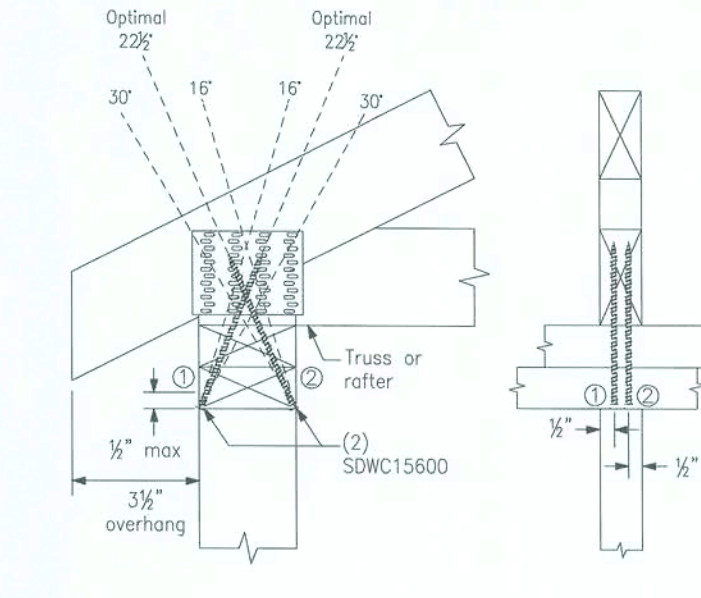
16 NARROW FACE OF STUD TO SILL PLATE INSTALLATION



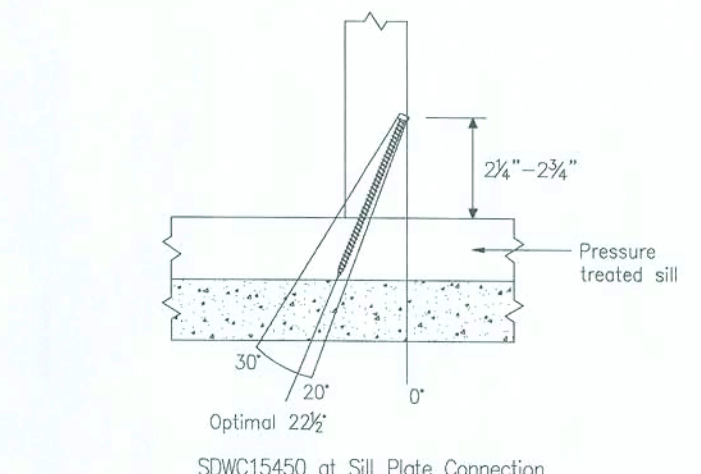
2 OPT. SDWC INSTALLATION - TRUSS/RAFTER OFFSET FROM STUD



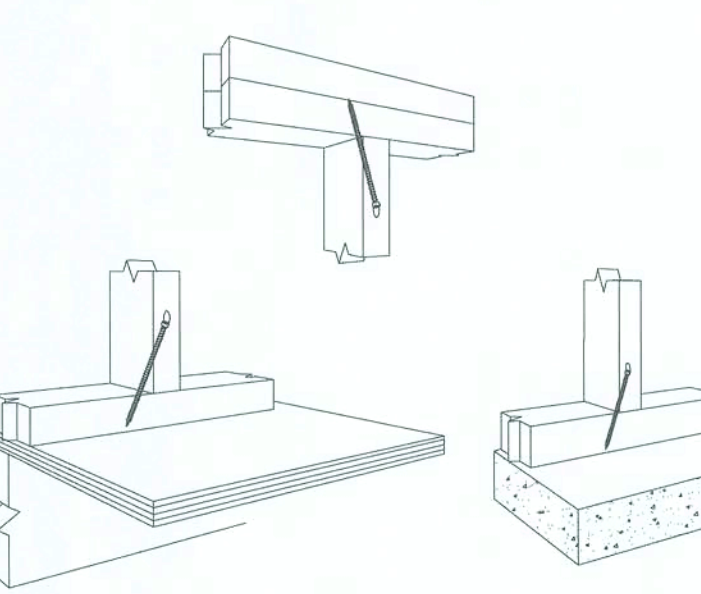
4 SDWC INSTALLATION INSTRUCTIONS (ROOF TO WALL)



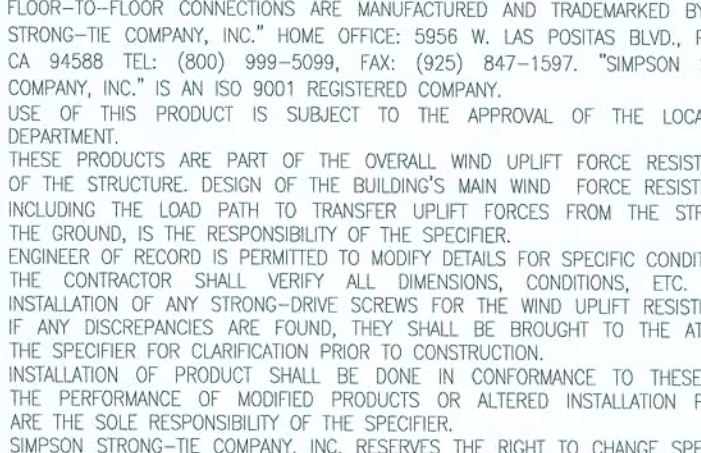
7 DOUBLE SDWC TRUSS INSTALL FROM BOT: CONFIG. C



10 SDWC STUD-TO-SILL PLATE CONNECTION



13 NARROW FACE OF STUD CONNECTIONS

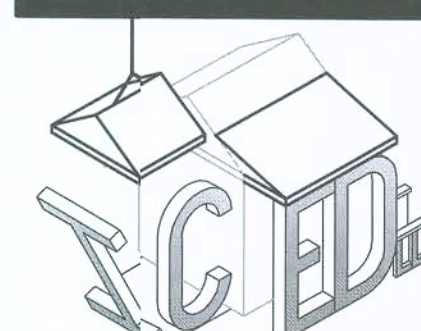


17 NOTES

1. STRONG-DRIVE STRUCTURAL WOOD SCREWS FOR TRUSS/RAFTER, STUD-TO-PLATE, AND FLOOR-TO-FLOOR CONNECTIONS ARE MANUFACTURED AND TRACKMARKED BY "SIMPSON STRONG-DRIVE COMPANY, INC." HOME OFFICE: 5556 W. LAS POSITAS BLVD., PLEASANTON, CA 94588 TEL: (800) 999-5099, FAX: (925) 847-1597, "SIMPSON STRONG-DRIVE COMPANY, INC." IS AN ISO 9001 REGISTERED COMPANY.
2. USE OF THIS PRODUCT IS SUBJECT TO THE APPROVAL OF THE LOCAL BUILDING DEPARTMENT.
3. THESE PRODUCTS ARE PART OF THE OVERALL WIND UPLIFT FORCE RESISTING SYSTEM OF THE STRUCTURE. DESIGN OF THE BUILDING'S MAIN WIND FORCE RESISTING SYSTEM, INCLUDING THE LOAD PATH TO TRANSFER UPLIFT FORCES FROM THE STRUCTURE TO THE GROUND, IS THE RESPONSIBILITY OF THE SPECIFIER.
4. ENGINEER OF RECORD IS PERMITTED TO MODIFY DETAILS FOR SPECIFIC CONDITIONS.
5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, ETC. PRIOR TO INSTALLATION OF ANY STRONG-DRIVE SCREWS FOR THE WIND UPLIFT RESISTING SYSTEM. IF ANY DISCREPANCIES ARE FOUND, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE SPECIFIER FOR CLARIFICATION PRIOR TO CONSTRUCTION.
6. INSTALLATION OF PRODUCT SHALL BE DONE IN CONFORMANCE TO THESE DRAWINGS. THE PERFORMANCE OF MODIFIED PRODUCTS OR ALTERED INSTALLATION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE SPECIFIER.
7. SIMPSON STRONG-DRIVE COMPANY, INC. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS, DESIGNS, AND MODELS WITHOUT NOTICE OR LIABILITY FOR SUCH CHANGES.
8. ALL HARDWARE CALLED OUT IS SIMPSON STRONG-DRIVE.

Revisions:
No. Date Description

Drawn: J.D. Issue Date: 03.09.2020



I.C.E.D. Services LLC.
Independent Coordinators for
Engineering & Drafting Services

(352) 300-ICED Phone
Jdiaz@CEDServices.com

Builder:

Home-Owner Builder

Project:

Addition to Single
Family Residence

3088 County Rd. 138
Fort White, FL.
Jurisdiction: Columbia Co.

Sheet Title:
BeamPlan & SDWC
Truss Screw Installation
Specifications

Sheet #

S2.0

Engineer:



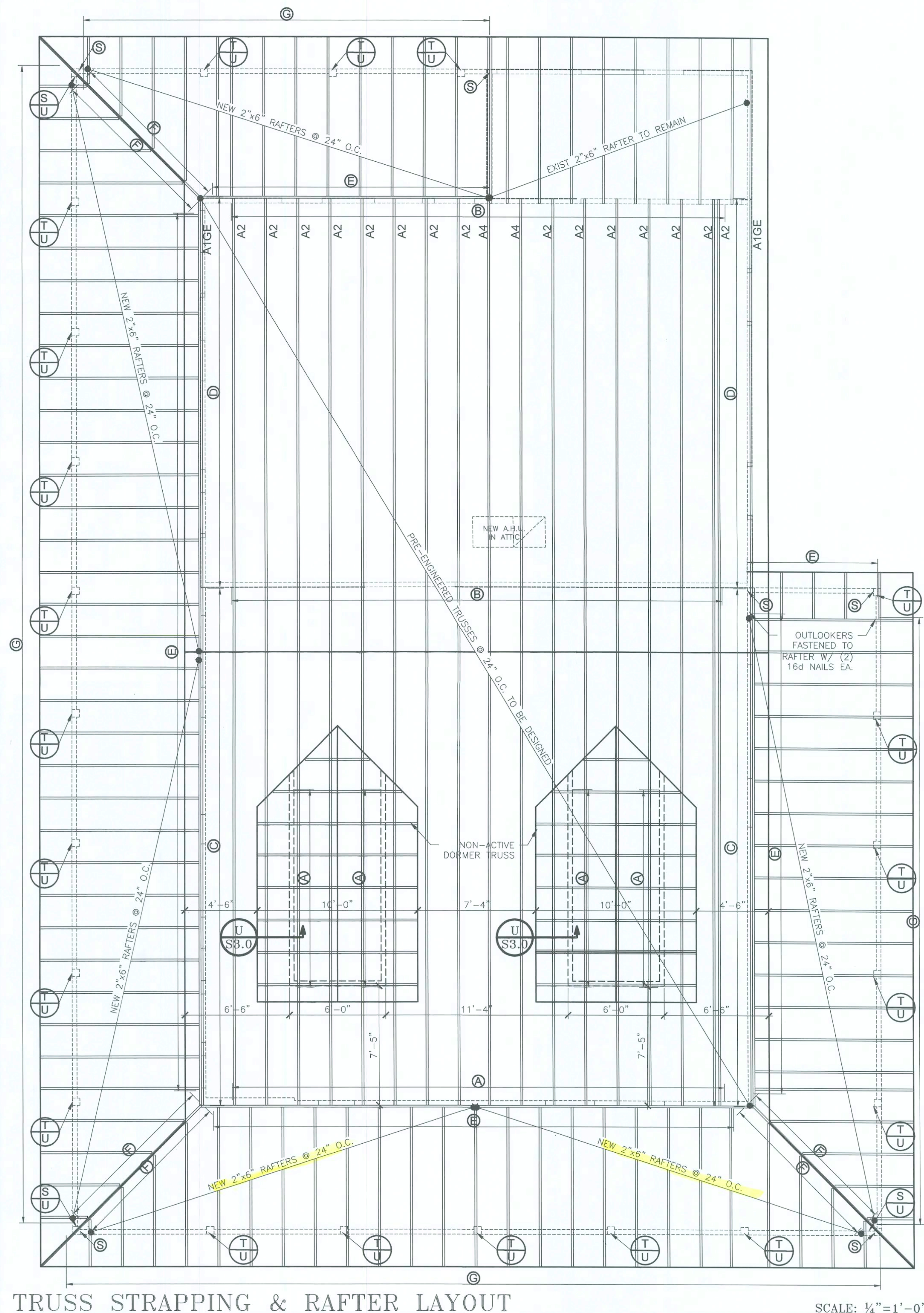
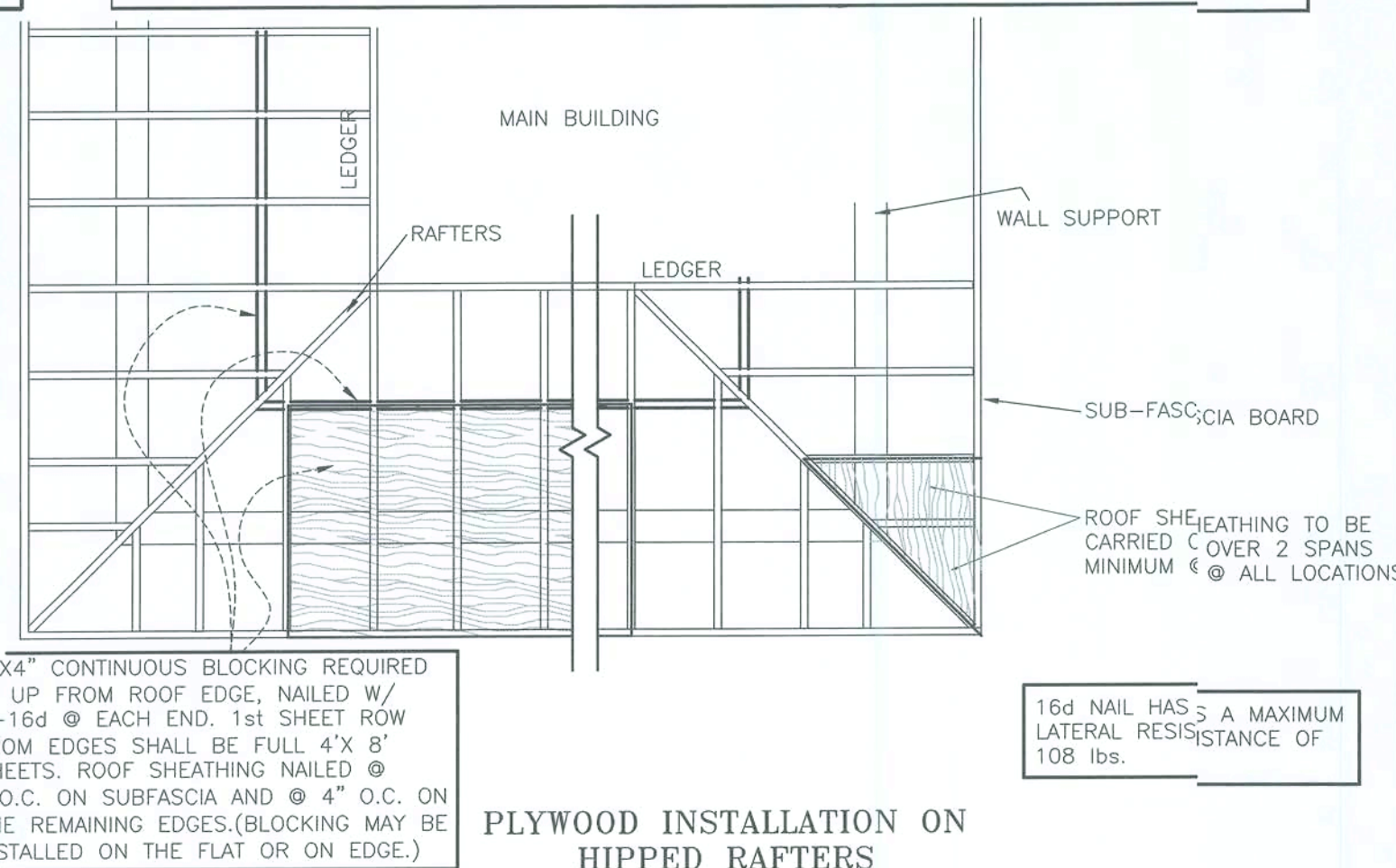
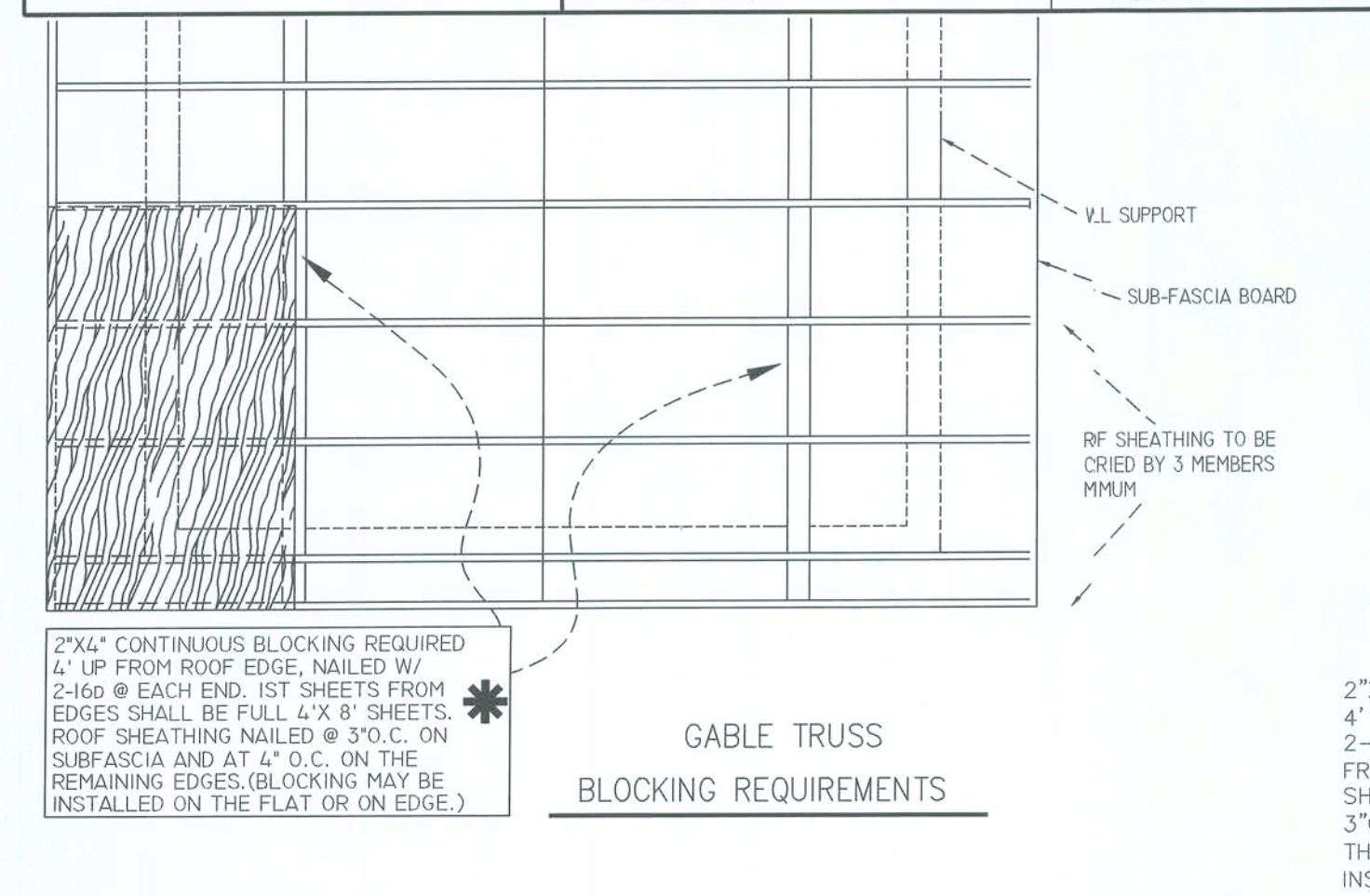
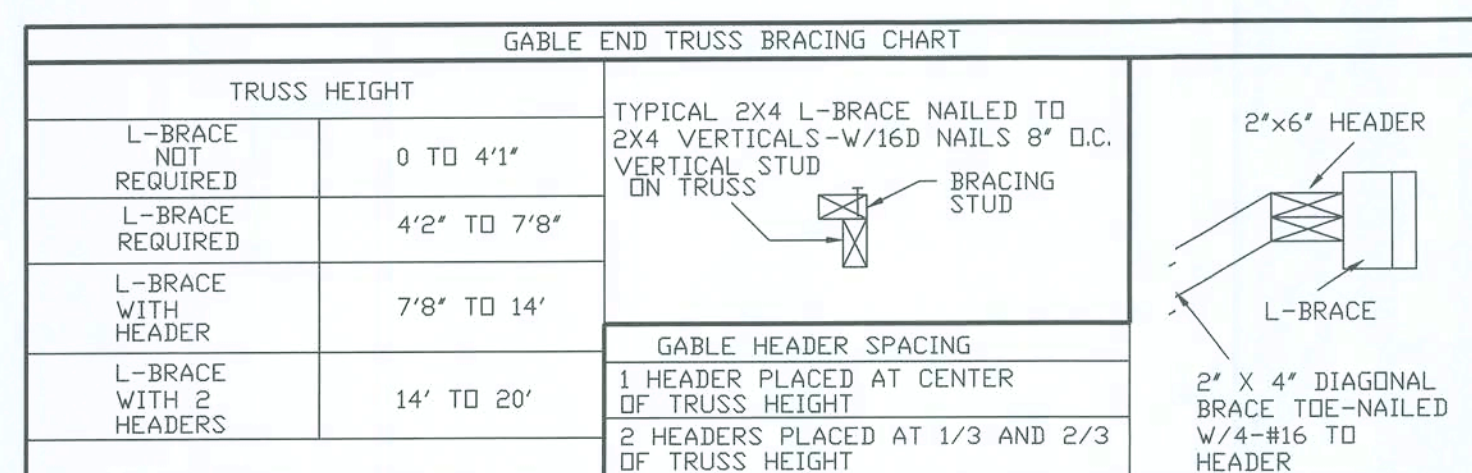
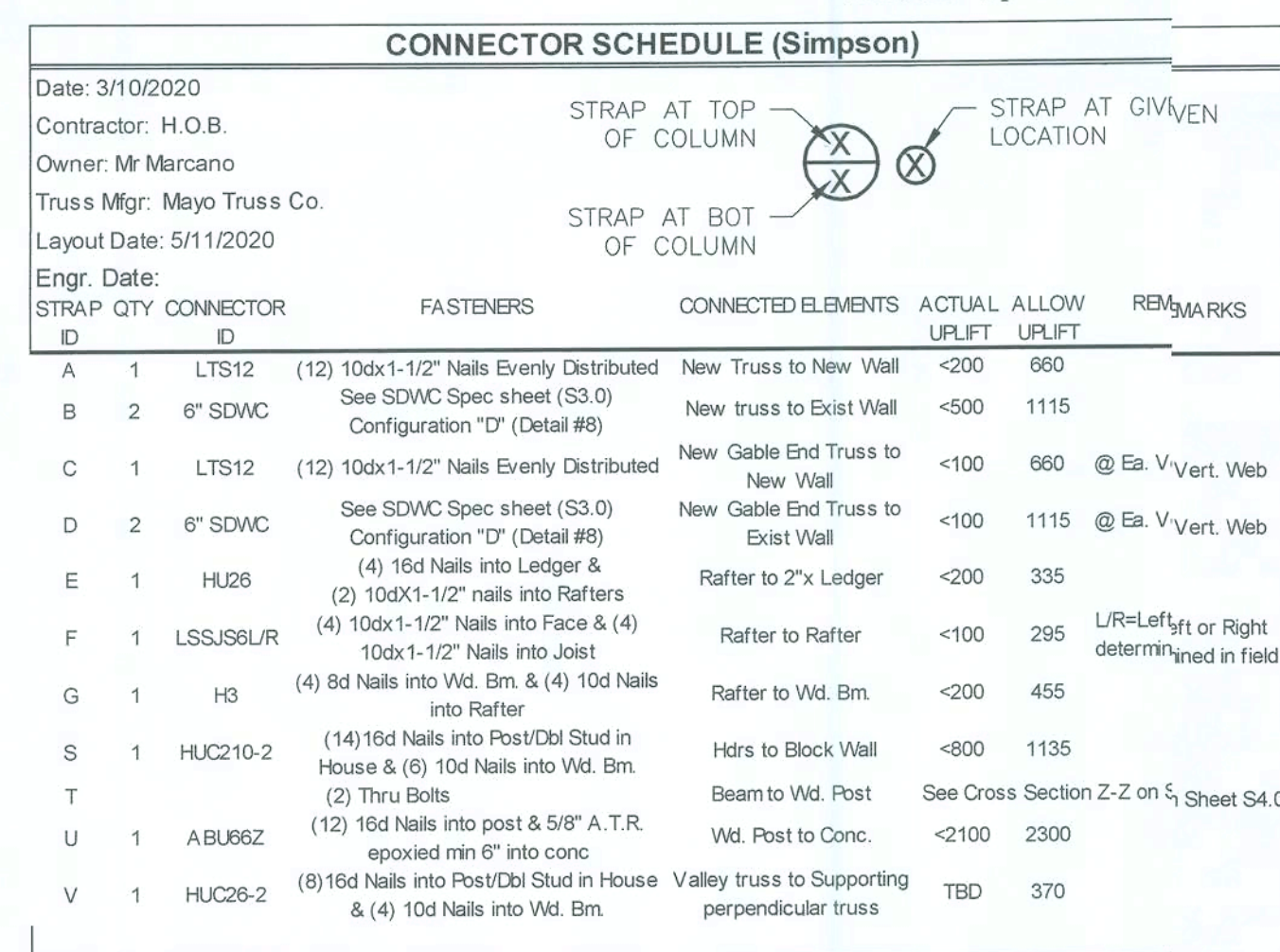
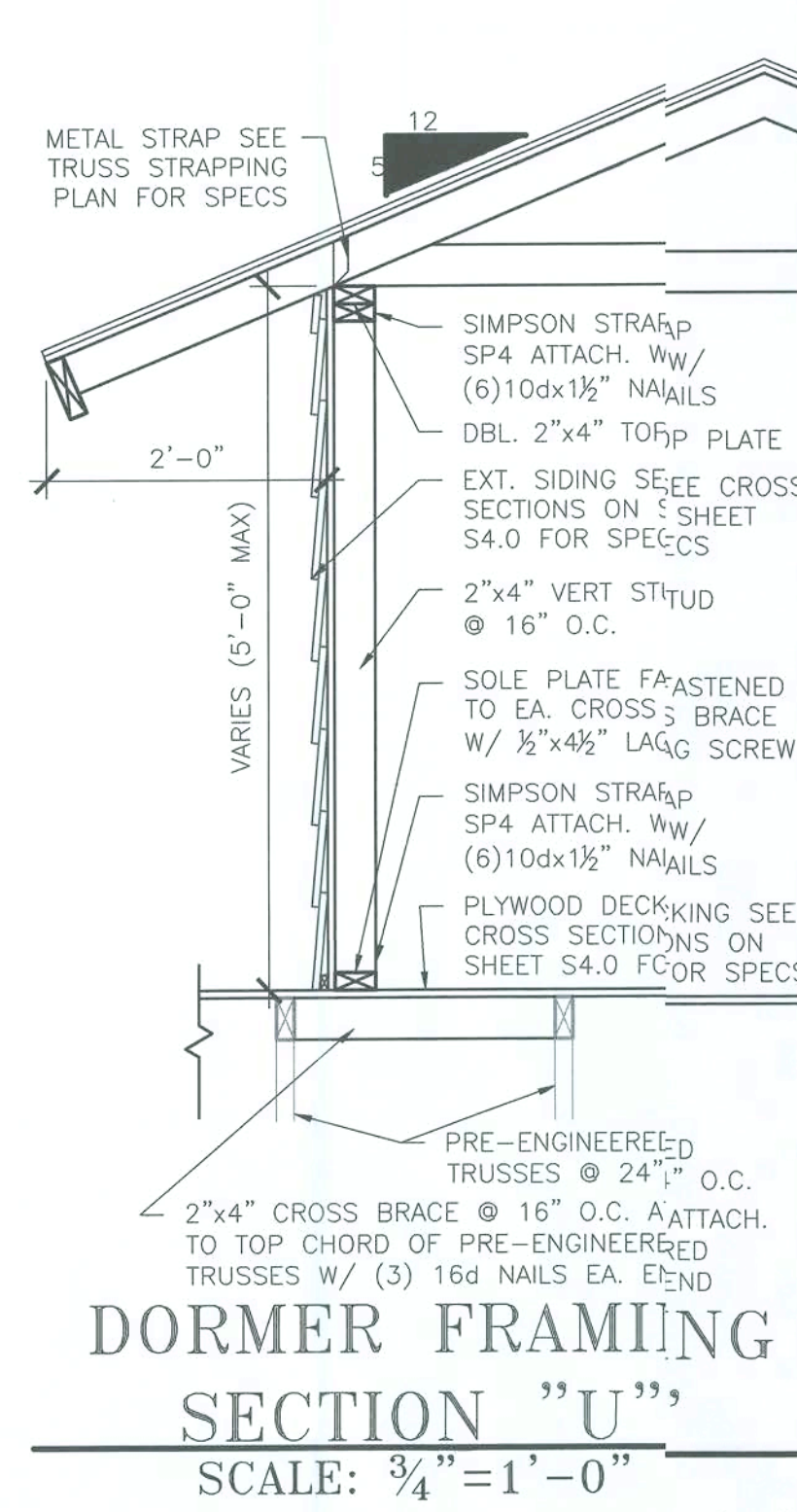
SOUTHEAST BUILDING
ENGINEERS
PE-64781


3578 Polling Acres Rd.
Pace, FL 32571
772-774-9086 phone

TO THE BEST OF MY KNOWLEDGE,
THIS STRUCTURE HAS BEEN
DESIGNED IN ACCORDANCE W/
SECTION 1609 OF THE 2017
FLORIDA BUILDING CODE 6TH ED.

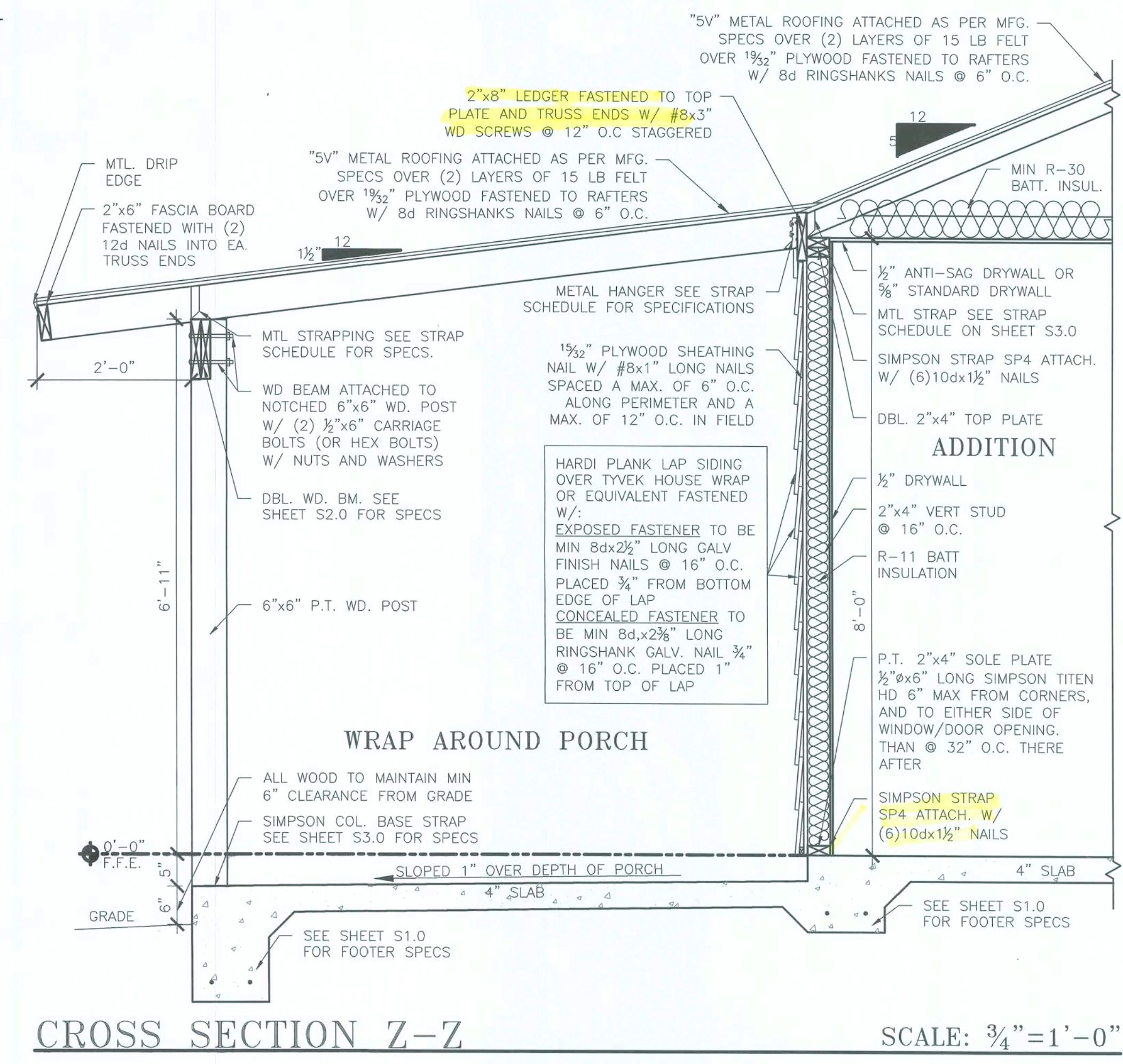
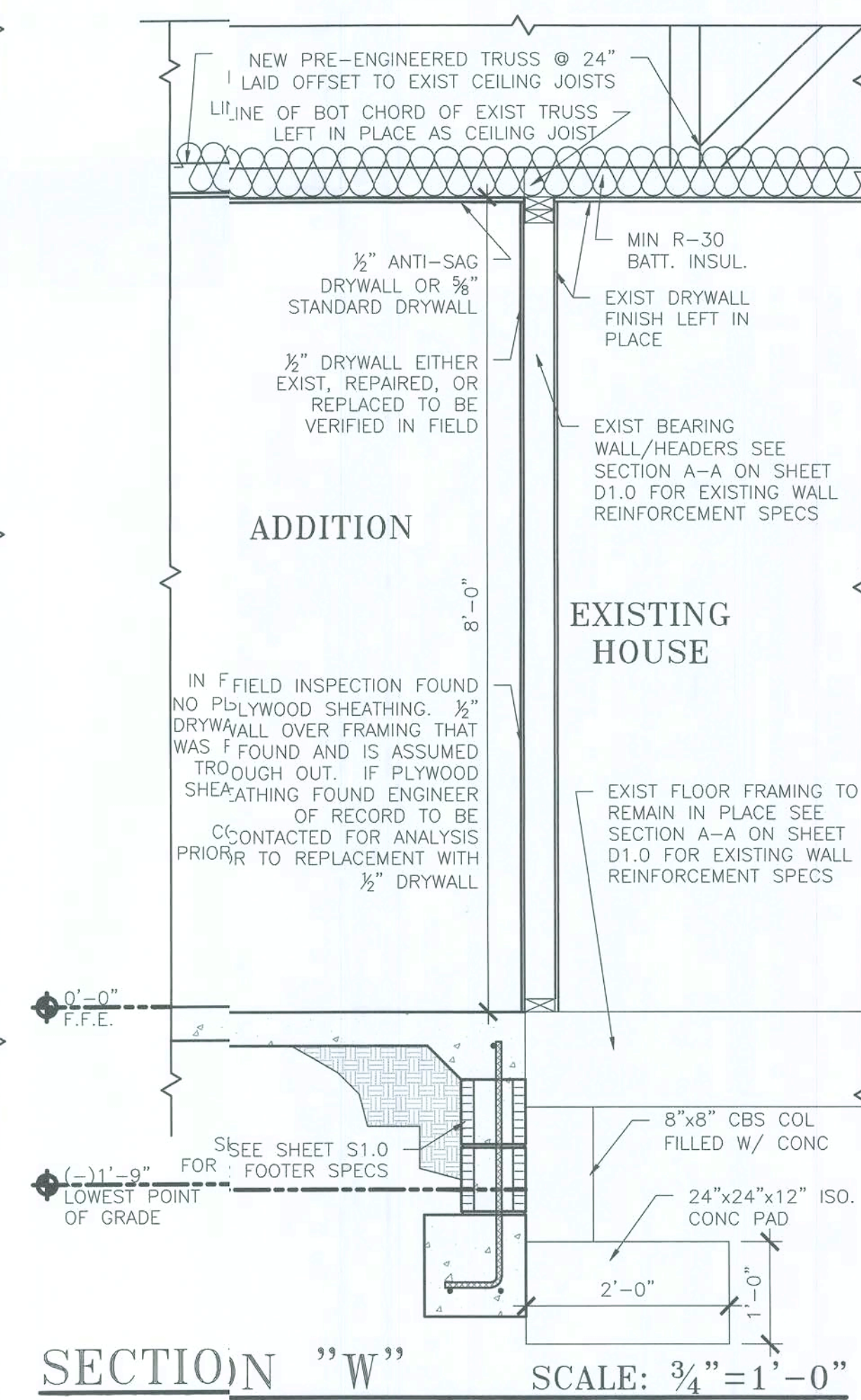
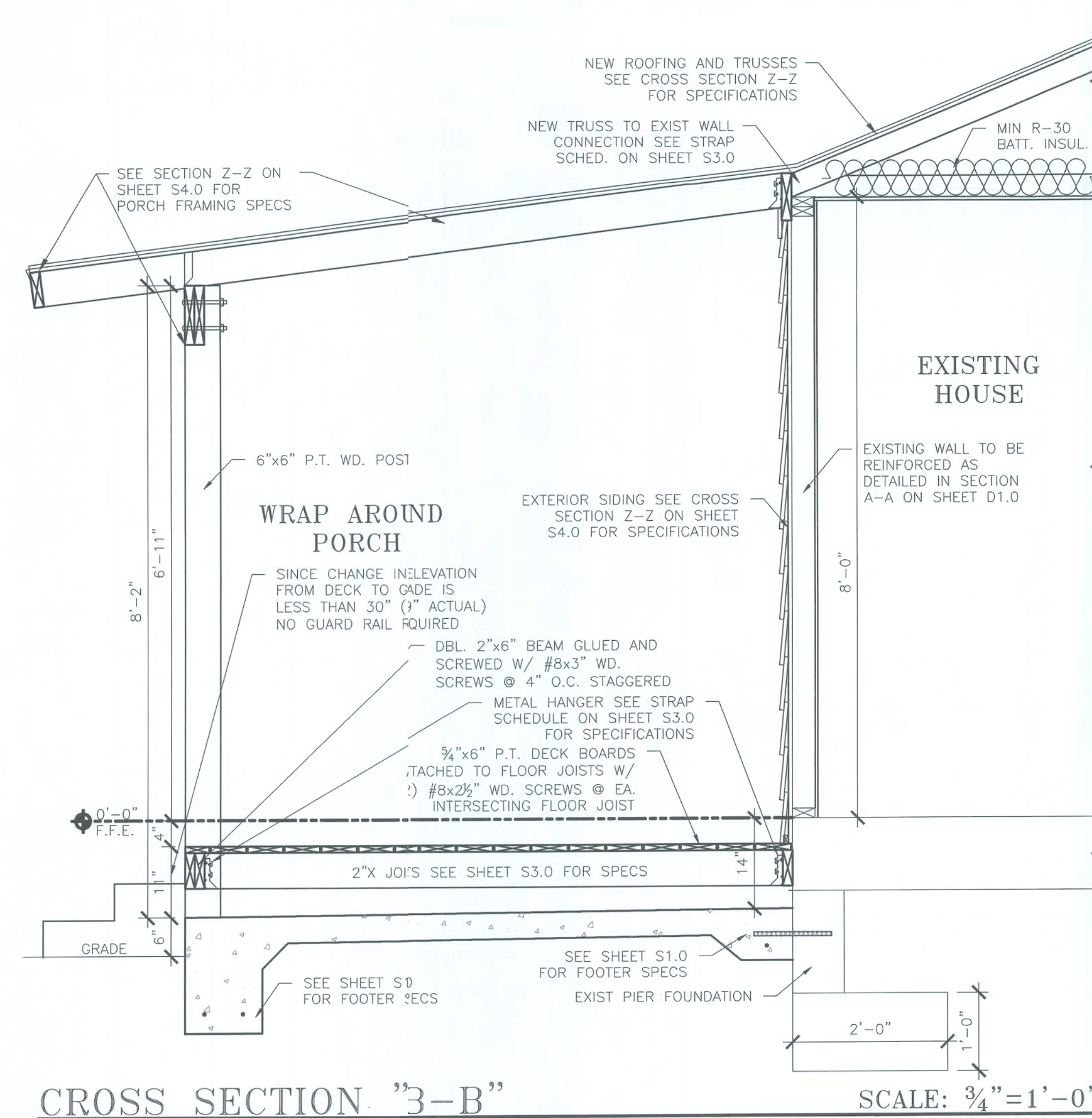
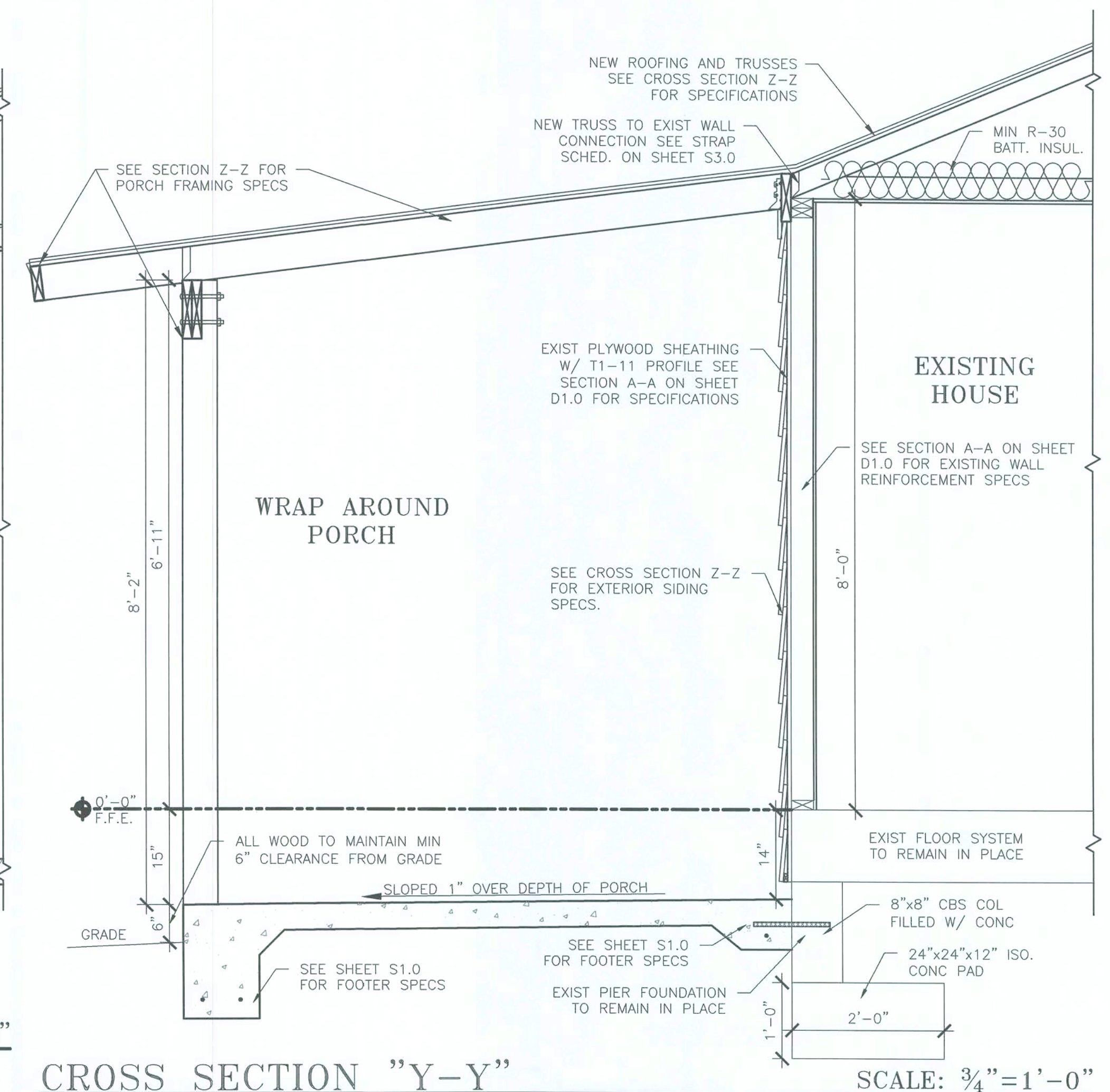
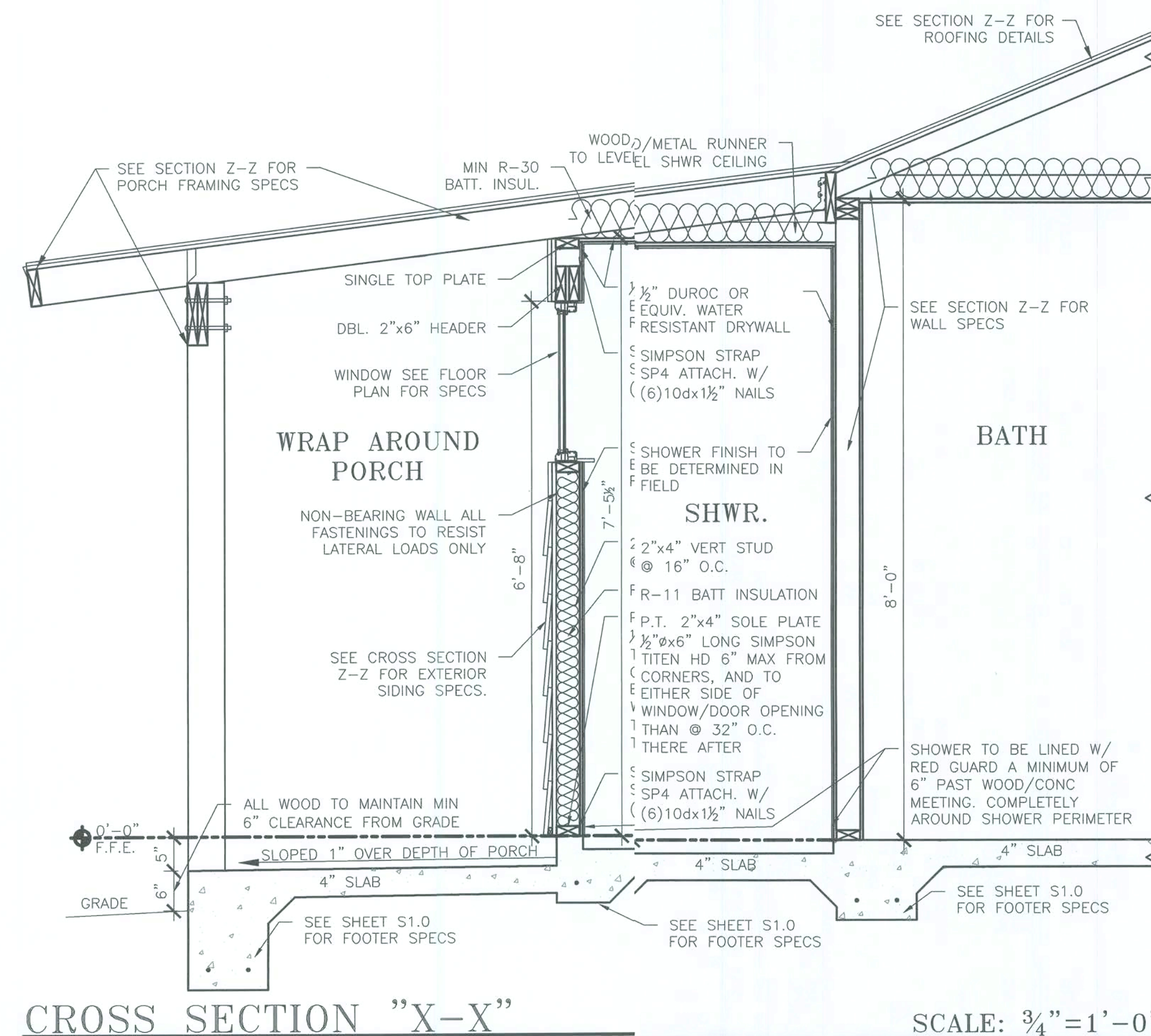
Scott R. Sanders, P.E.
FL P.E. No. 64781

THE TRUSS FABRICATOR SHALL PROVIDE ENGINEERED SHOP DRAWINGS OF EACH INDIVIDUAL TRUSS AND A FULLY DIMENSIONED ERECTION P.N. SHOWING COMPONENT LAYOUT.



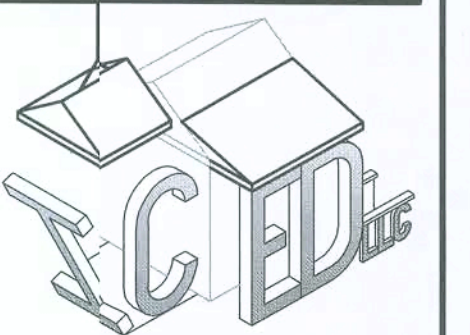


Scott R. Sanders, P.E.
FL P.E. No. 64781



Revisions:		
No.	Date	Description

Dravn:	Issue Date:
J.D.	03.10.2020



I.C.E.D. Services LLC.
Independent Coordinators for
Engineering & Drafting Services

(352)900-ICED Phone
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Builder

Home-Owner Builder

Project

Addition to Single Family Residence

3088 County Rd. 138
Fort White, FL.
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Sheet Title:

Typical Cross Sections

Sheet #:
S4.0


Engineer:



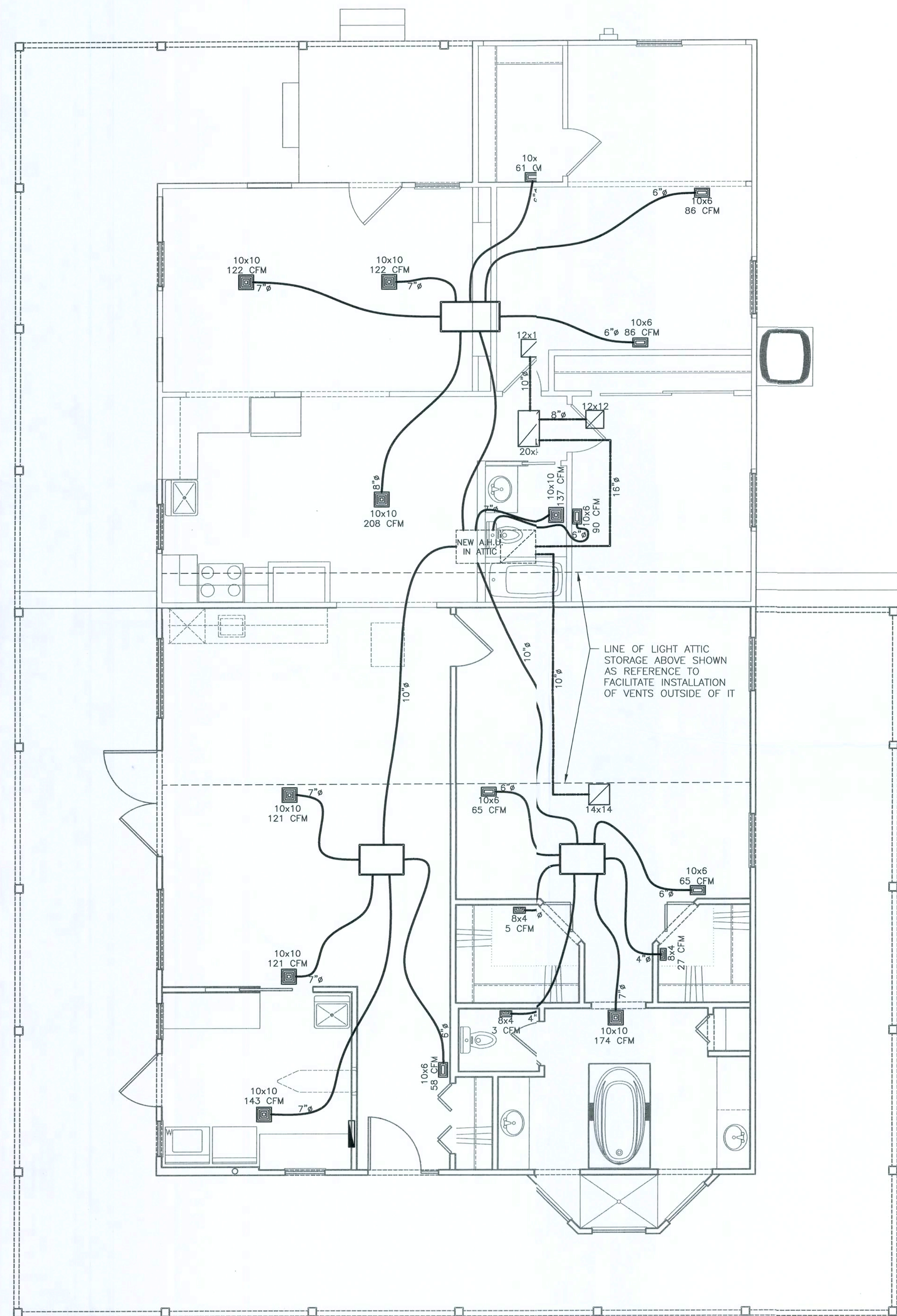
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




















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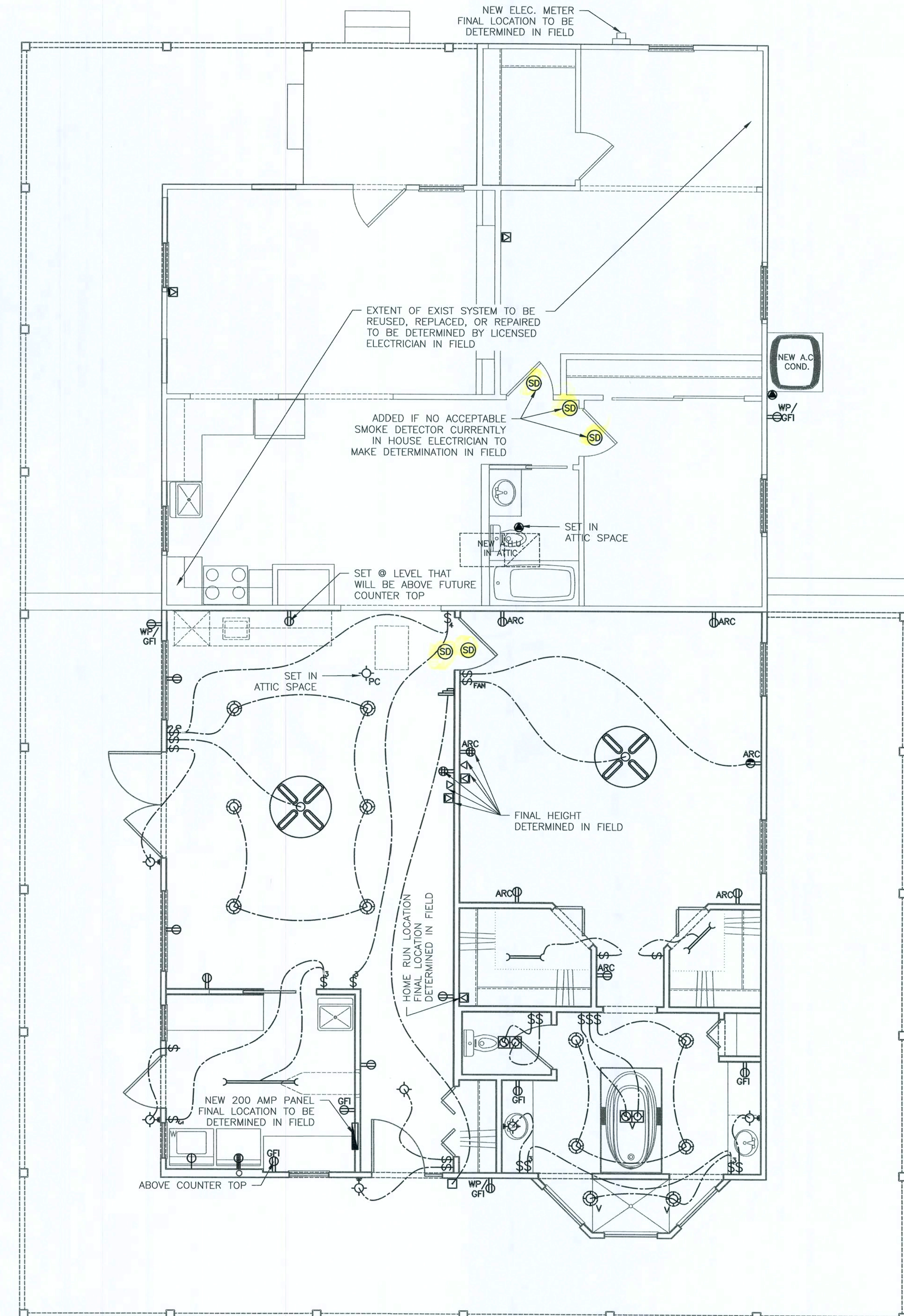
HVAC LAYOUT (TO BE DESIGNED)

SCALE: $\frac{1}{4}"=1'-0"$

ELECTRICAL FIXTURE SCHEDULE		ELECTRICAL FIXTURE SCHEDULE	
SYM.	DESCRIPTION	SYM.	DESCRIPTION
	LIGHT FIXTURE		QUAD RECEPT.
	WALL MOUNTED LIGHT FIXTURE		DUPLEX RECEPT.
	FLOOD LIGHT FIXTURE		SINGLE DEDICATED RECEPT.*
	RECESSED LIGHT FIXTURE		SWITCHED SINGLE RECEPT.*
V	VAPOR SEAL		220V RECEPT.
C	DROP FIXTURE DESIGNED TO HOLD A MIN. 50 LBS.**		220V DIRECT WIRE
PC	PULL CHAIN		SMOKE DETECTOR W/ CARBON MONOXIDE DETECTOR
	RECESSED WORK SPOT LIGHT		3 WAY SWITCH
	HANGING PENDANT LIGHT		4 WAY SWITCH
	FAN FIXTURE		DIMMER SWITCH
	EXHAUST FAN/LIGHT FIXTURE		PUSH BUTTON
	EXHAUST FAN		T.V. CABLE OUTLET
	ARC FAULT RECEPTACLE		CHIMES
	GROUND FAULT RECEPTACLE		GARAGE DOOR SAFETY SWITCH
WP	WEATHER PROOF FIXTURE		TELEPHONE OUTLET
	SWITCHED DUPLEX RECEPT.		CAT 5 DATA PORT
			FLUORESCENT FIXTURE

* MAYBE DIRECT WIRED APPLIANCE TO BE DETERMINED IN FIELD

** REINFORCEMENT TO BE BOX MOUNTED D DIRECTLY TO BOT CHORD OF TRUSS OF
2"x4" CRIPPLE FASTENED TO TRUSS E BOT. CHORD W/ (2) 10d NAILS EA. END
(FINAL METHOD DETERMINED IN FIELD))

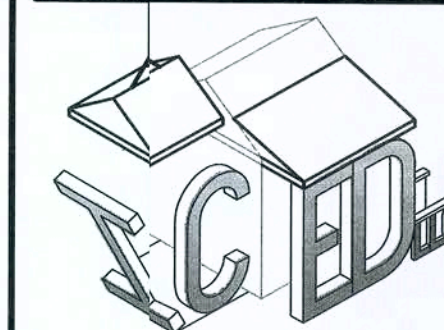


ELECTRICAL LAYOUT

SCALE: $\frac{1}{4}"=1'-0"$

Revisions:		
No.	Date	Description

Drawn:	Issue Date
J.D.	05.21.2021



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Sheet Title:

Mechanical Layouts

Sheet #:

M1 0

Engineer: