

MORTON BUILDINGS GENERAL SPECIFICATIONS

LAMINATED COLUMNS - NO. 1 OR BETTER SOUTHERN YELLOW PINE NAIL LAMINATED 3 MEMBER S4S COLUMNS NAILED 8" O.C. STAGGERED ON EACH SIDE WITH 4" NAILS.

MFS PRE-CAST CONCRETE COLUMN - MORTON BUILDINGS FOUNDATION SYSTEM IS A PRE-ENGINEERED, 10,000 PSI, STEEL REINFORCED COLUMN FOR BELOW GROUND INSTALLATION. DESIGNED TO BE MECHANICALLY FASTENED TO ABOVE GROUND NAIL LAMINATED COLUMNS. THE SYSTEM IS DESIGNED TO RESIST BOTH AXIAL AND BENDING FORCES.

FOOTINGS AND ANCHORAGE - COLUMN HOLES ARE DUG A MINIMUM DEPTH OF 4'-0" BELOW GRADE (SEE PLANS FOR DIAMETER AND DEPTH). MFS PRE-CAST CONCRETE COLUMNS ARE PLACED IN THE H.E. CONCRETE (MINIMUM COMPRESSIVE STRENGTH 2500 PSI) IS POURED IN PLACE TO THE SPECIFIED THICKNESS (SEE PLANS FOR REQUIRED THICKNESS ABOVE AND BELOW THE COLUMN). THE COLUMN IS THEN BACKFILLED WITH SOIL AND COMPACTED AT 8" INTERVALS OR BACKFILLED WITH CONCRETE (SEE PLANS).

TREATED LUMBER - PRESSURE PRESERVATIVE TREATED LUMBER OTHER THAN LAMINATED COLUMNS ARE NO. 1 OR BETTER SOUTHERN YELLOW PINE AND CENTER MATCHED OR NOTCHED AND GROOVED OR S4S. PRESSURE TREATMENT TO GROUND CONTACT RETENTION WITH PRESERVATIVE TREATMENT COMPLYING WITH USE CATEGORY UC4B (AWPA OR ICC-ES) AND IN COMPLIANCE WITH USEPA GUIDELINES AND STANDARDS.

FRAMING LUMBER - SIDE NAILERS ARE 2x4 S4S SPF W/2x3 STIFFENER, 2-2x4 L-NAILERS SPACED APPROXIMATELY 36" O.C. OR 2x6 NAILERS APPROXIMATELY 24" O.C. WITH ALL JOINTS STAGGERED AT ATTACHMENT TO COLUMNS. ROOF PURLINS ARE 2x6 S4S NO. 2 OR BETTER ON EDGE SPACED APPROXIMATELY 24" O.C. ALL OTHER FRAMING LUMBER IS NO.2 OR BETTER.

ROOFING TRUSSES/PLATED RAFTERS - FACTORY ASSEMBLED WITH 18 OR 20 GAUGE GALVANIZED STEEL TRUSS PLATES AS REQUIRED AND KILN DRIED LUMBER AS SPECIFIED, IN-PLANT QUALITY CONTROL INSPECTED CONDUCTED UNDER THE AUSPICES OF THE TPI INSPECTION BUREAU. TRUSSES ARE DESIGNED IN ACCORDANCE WITH CURRENT STANDARDS AND SPECIFICATIONS FOR THE STATED LOADING. PLATE RAFTERS ARE NO. 1 SOUTHERN YELLOW PINE.

SIDING & ROOFING PANELS (FLUOROFLEX 1000™) - 0.019" MIN., G90 GALVANIZED OR AZ55 GALVALUME STEEL WITH AN ADDITIONAL BAKED-ON 70% PVDF FINISH WITH A NOMINAL 1 MIL. PAINT THICKNESS ON EXTERIOR.

TRIM - DIE-FORMED TRIM OF 0.017" MIN., G90 GALVANIZED OR AZ55 GALVALUME STEEL ON GABLES, EDGES, CORNERS, BASE WINDOWS, AND DOORS WITH SAME FINISH AS ROOFING OR SIDING PANELS.

GUTTERS - 6" K-STYLE, .030 HIGH TENSILE ALUMINUM GUTTER, 70% PVDF FINISH TO MATCH TRIM, ON BOTH SIDES OF THE BUILDING.  
2x6F1F1 02/12

FLORIDA PRODUCT APPROVAL NUMBERS (FBC 2020)	
PRODUCT	FL#
MBI HI-RIB WALL PANEL	37256
MBI HI-RIB ROOF PANEL	37257
MBI 910 ENTRY DOOR	37299.2
PLY GEM MASTIC SOFFITS	32502.1
OVERHEAD DOOR	TBD

SHEET INDEX	
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CURRENT LUMBER SPECIFICATIONS (06-01-2013)		
SIZE	DESCRIPTION	BENDING VALUE FB
2x4	NO. 2 SPF	1313 PSI
2x4	NO. 1 SYP	1500 PSI
2x4	2100f MSR SPF	2100 PSI
2x6	NO. 2 SPF	1138 PSI
2x6	NO. 1 SYP	1350 PSI
2x6	2100f MSR SPF	2100 PSI
2x6	2400 MSR SYP	2400 PSI
2x8	NO. 1 SYP	1250 PSI
2x8	2400 MSR SYP	2400 PSI
2x10	NO. 1 SYP	1050 PSI
2x10	2400 MSR SYP	2400 PSI
2x12	NO. 1 SYP	1000 PSI
2x12	2250f MSR SYP	2250 PSI
1 1/2"x16"	LAMINATED VENEER LUMBER	2800 PSI
3 1/2"x15"	GLU-LAM	1650 PSI
5 1/4"x16 1/2"	GLU-LAM	2400 PSI
5 1/4"x19 1/2"	GLU-LAM	2400 PSI



BUILDING DESIGN CRITERIA			
BUILDING CODE	2020 FLORIDA BUILDING CODE		
USE GROUP	R-3		
CONSTRUCTION TYPE	VB		
RISK CATEGORY	II		
EAVE HEIGHT	14.89 FT		
PEAK HEIGHT	23.9 FT		
MEAN ROOF HEIGHT	19.39 FT		
MINIMUM LIVE ROOF LOAD DESIGN	SEE NOTE #3		
WIND SPEED (Vult)	130 MPH		
WIND SPEED (Vasd)	101 MPH		
EXPOSURE CATEGORY	B		
INTERNAL PRESSURE COEFFICIENT	±0.18		
BUILDING DESIGN CONDITION	ENCLOSED		
WIND LOAD DESIGN	ASCE 7 (ENVELOPE METHOD)		
MAIN WINDFORCE RESISTING SYSTEM (ALL FORCES ACT NORMAL TO THE SURFACE) (FOR ZONES SEE MWFRS ON ELEVATIONS PAGE) (VALUES SHOWN = 0.6 * W)	CASE 1	CASE 2	
	ZONE 1E	13.99 PSF	8.44 PSF
	ZONE 2E	-13.71 PSF	-19.26 PSF
	ZONE 3E	-5.39 PSF	-10.94 PSF
	ZONE 4E	-5.47 PSF	-11.02 PSF
CASE 1 = (-) INTERNAL PRESSURE COEFFICIENT	ZONE 1	11.24 PSF	5.69 PSF
	ZONE 2	-7.86 PSF	-13.41 PSF
CASE 2 = (+) INTERNAL PRESSURE COEFFICIENT	ZONE 3	-2.93 PSF	-8.48 PSF
	ZONE 4	-3.25 PSF	-8.79 PSF
COMPONENT & CLADDING WIND LOADS (ALL FORCES ACT NORMAL TO THE SURFACE) (FOR ZONES SEE ELEVATIONS) (VALUES SHOWN = 0.6 * W)  (ASSUMED EFFECTIVE WIND AREA = 10 SQ. FT.)	ZONE 1	9.94 PSF, -22.87 PSF	
	ZONE 2e	9.94 PSF, -22.87 PSF	
	ZONE 2n	9.94 PSF, -36.48 PSF	
	ZONE 2r	9.94 PSF, -36.48 PSF	
	ZONE 3e	9.94 PSF, -36.48 PSF	
	ZONE 3r	9.94 PSF, -39.21 PSF	
	ZONE 4	16.06 PSF, -17.42 PSF	
	ZONE 5	16.06 PSF, -21.51 PSF	

DESIGN AND EXPLANATORY NOTES

- 1.) ALL PLOT PLANS AND RELATED DETAILS SHALL BE PROVIDED BY OWNER UNLESS INCORPORATED AS PART OF THESE DRAWINGS.
- 2.) MORTON BUILDINGS GENERAL SPECIFICATIONS APPLY UNLESS INDICATED DIFFERENTLY ON SPECIFIC JOB DRAWINGS OR SUPPLEMENTAL INFORMATION.
- 3.) MINIMUM LIVE ROOF LOAD DESIGNS FOR CONSTRUCTION, MAINTENANCE, REPAIR, AND OTHER TEMPORARY LOADS PER SECTION 1607.11.2  
a.) ROOF PURLINS AND OTHER SECONDARY STRUCTURAL MEMBERS = 20 PSF  
b.) RAFTERS, HEADERS, COLUMNS AND OTHER PRIMARY STRUCTURAL MEMBER = 18 PSF  
c.) FOOTINGS = 12 PSF (DESIGNED FOR ROOF SNOW LOAD AND OTHER NON-TEMPORARY LOADS W/ APPROVAL FROM BUILDING OFFICIAL).
- 4.) NO ONE MAY ALTER ANY ENGINEERING ITEM UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED / REGISTERED ENGINEER.
- 5.) ♦ THE PRECEDING SYMBOL IDENTIFIES ITEMS THROUGHOUT THE PLANS THAT ARE NOT PROVIDED BY MORTON BUILDINGS, INC. OR MORTON BUILDINGS' SUBCONTRACTORS AND ARE THE OWNER'S RESPONSIBILITY.

OFFICE:  
GAINESVILLE, FL

JOB NO.  
131-105305

DONNALEE OR MICHAEL RELYEA

HIGH SPRINGS, FL

CORY M. BYRD, P.E.  
REG. # 83063

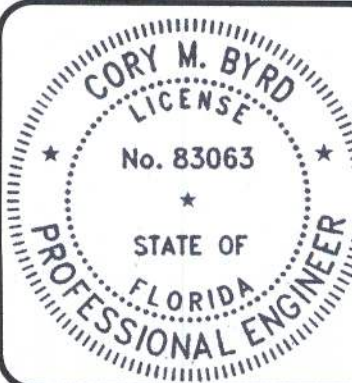
ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.

PHONE NUMBER: 309-263-4105

COA # 8,400 (ENG) COA # AA003469 (AR)

100 S. PERSHING P.O. BOX 110 MORTON, IL 61550

DRAWN BY:	MILICH
DATE:	3/17/2021
CHECKED BY:	V. DE VERA
DATE:	3/26/2021
REVISED DATE:	----
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I HEREBY CERTIFY THAT THE STRUCTURAL DESIGN FOR THIS BUILDING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED/REGISTERED PROFESSIONAL ENGINEER.

Cory M. Byrd  
cory.byrd@allieddesignaes.com  
DATE: 4/9/21 REG. # 83063



SCALE: AS NOTED

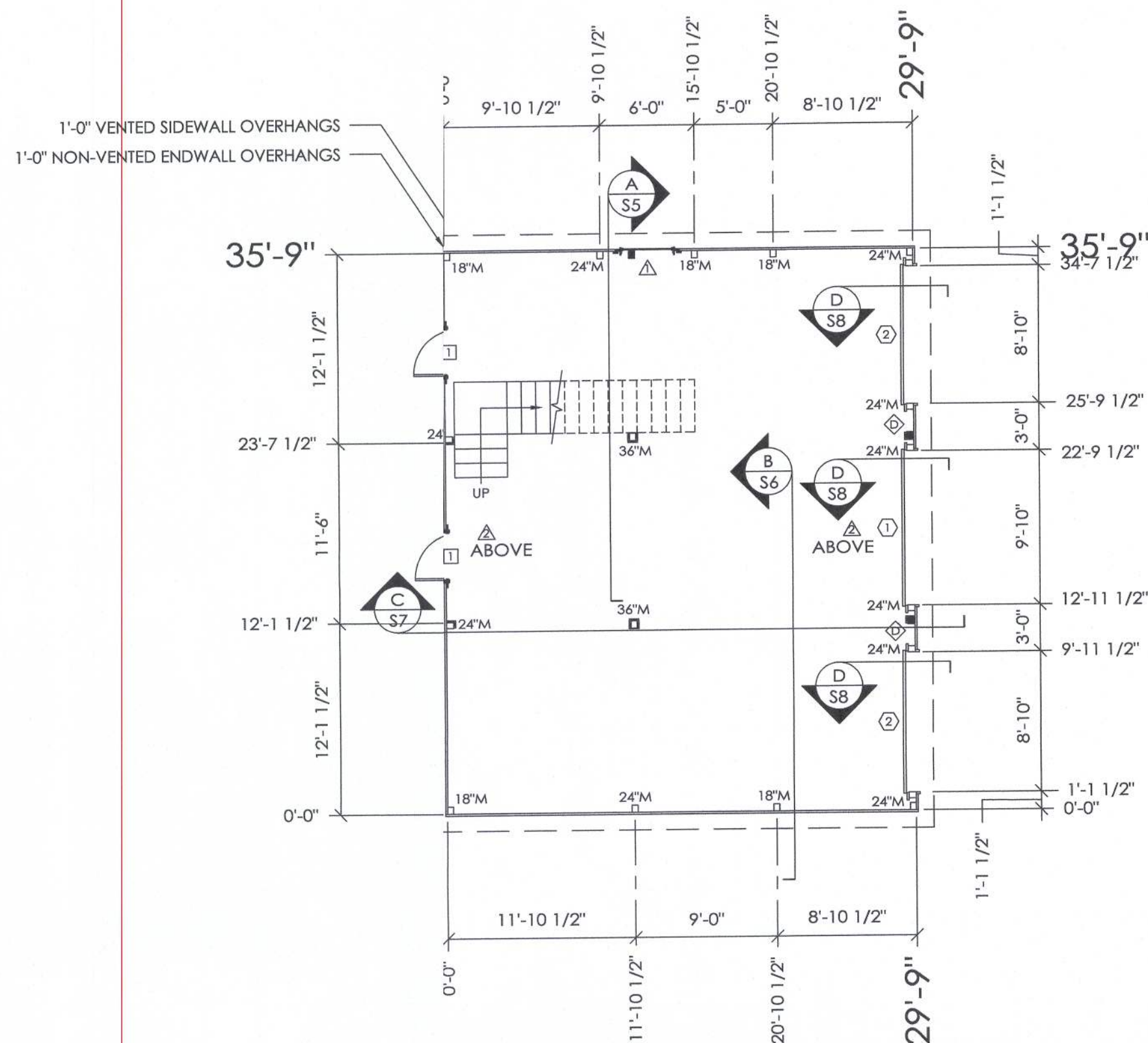
SHEET NO.

G1 OF G1



- 1.) THE PRIVATE GARAGE SEPARATION REQUIREMENTS SHALL BE SEPARATED FROM ALL HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8" TYPE X GYPSUM BOARD AND 1/2" GYPSUM BOARD APPLIED TO STRUCTURES SUPPORTING THE SEPARATION FROM HABITABLE ROOM ABOVE THE GARAGE. DOORS BETWEEN THE GARAGE AND THE DWELLING SHALL BE EQUIPPED WITH EITHER SOLID WOOD NOT LESS THAN 1 3/8" THICK, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK OR 20 MINUTE FIRE RATED DOORS, AND BE EQUIPPED WITH SELF-CLOSING AND SELF-LATCHING DEVICES.
- 2.) THE AREA OF FLOOR USED FOR PARKING OF AUTOMOBILES OR OTHER VEHICLES SHALL BE SLOPED TO FACILITATE THE MOVEMENT OF LIQUIDS TO A DRAIN OR TOWARD THE MAIN VEHICLE ENTRY DOORWAY.
- 3.) EACH SLEEPING ROOM SHALL HAVE AN EMERGENCY ESCAPE AND RESCUE OPENING.

◆ - DENOTES EMERGENCY ESCAPE AND RESCUE OPENING MEETING OR EXCEEDING A NET CLEAR OPENING OF 5.7 SQUARE FEET WITH A MINIMUM NET CLEAR WIDTH OF 20" AND A NET CLEAR HEIGHT OF 24" WITH THE SILL NOT MORE THAN 44" ABOVE THE FLOOR.






## COLUMN PLAN

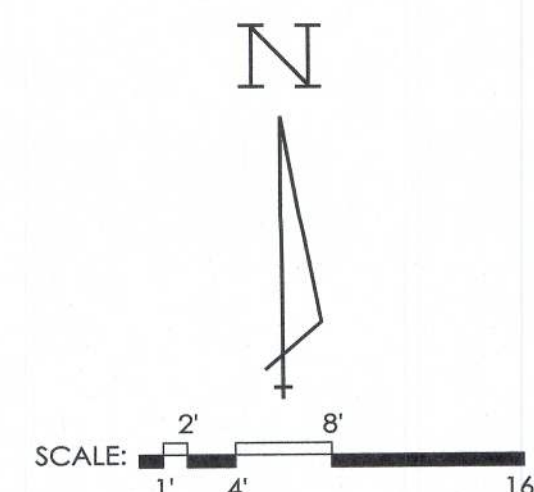
- 3-2x6 LAMINATED COLUMN LOCATION
- HEADERED TRUSS/COLUMN LOCATION
- ① 3068 MB910 9-LITE 2 PANEL WALKDOORS, OUT SWING,  
RIGHT HINGE WITH SINGLE CYLINDER DEADBOLT, LOCKSET
- △ 3'-6"x4'-0" PELLA IMPERVIA DOUBLE HUNG WITH GRIDS
- E △ (2) 3'-6"x5'-0" PELLA IMPERVIA DOUBLE HUNG WINDOWS  
WITH GRIDS IN GABLES
- ① (2) 9'-0"x8'-0" OVERHEAD DOOR
- ② 10'-0"x8'-0" OVERHEAD DOORS
- ⑤ DOUBLE 3/4" OSB SHEARWALL (SEE DETAILS ON SHEET S8)
- 7/16" OSB AND ROOFING FELT UNDER HI-RIB STEEL
- ALL STEEL FASTENED WITH STAINLESS STEEL SCREWS

18'-M- 18" DIAMETER FOOTING WITH 4' TO BOTTOM OF 21" THICK CONCRETE PAD (2500 PSI MINIMUM). 20" BELOW BOTTOM OF PRECAST CONCRETE COLUMN AROUND EXPOSED REBAR CAGE AND 3/4"x14" THREADED ROD WITH AN ADDITIONAL MINIMUM 1" ABOVE BOTTOM OF PRECAST CONCRETE COLUMN. PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.

24'-M- 24" DIAMETER FOOTING WITH 4' TO BOTTOM OF 21" THICK CONCRETE PAD (2500 PSI MINIMUM). 20" BELOW BOTTOM OF PRECAST CONCRETE COLUMN AROUND EXPOSED REBAR CAGE AND 3/4"x14" THREADED ROD WITH AN ADDITIONAL MINIMUM 1" ABOVE BOTTOM OF PRECAST CONCRETE COLUMN. PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.

36'-M- 36" DIAMETER FOOTING WITH 4' TO BOTTOM OF 21" THICK CONCRETE PAD (2500 PSI MINIMUM). 20" BELOW BOTTOM OF PRECAST CONCRETE COLUMN AROUND EXPOSED REBAR CAGE AND 3/4"x14" THREADED ROD WITH AN ADDITIONAL MINIMUM 1" ABOVE BOTTOM OF PRECAST CONCRETE COLUMN. PLACE CONCRETE BELOW AND ABOVE BOTTOM OF LOWER COLUMN IN ONE OPERATION.

ROUGH OPENING SCHEDULE		
UNIT SYMBOL FROM LEGEND	WIDTH	HEIGHT
	37 3/4"	81"
	VERIFY	VERIFY
	VERIFY	VERIFY



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COA # A-0003492 (API) PHONE NUMBER: 309-263-4105  
CORY M. BYRD, P.E.  
REG. # 83063

<i>DRAWN BY:</i>	MILICH
<i>DATE:</i>	3/17/2021
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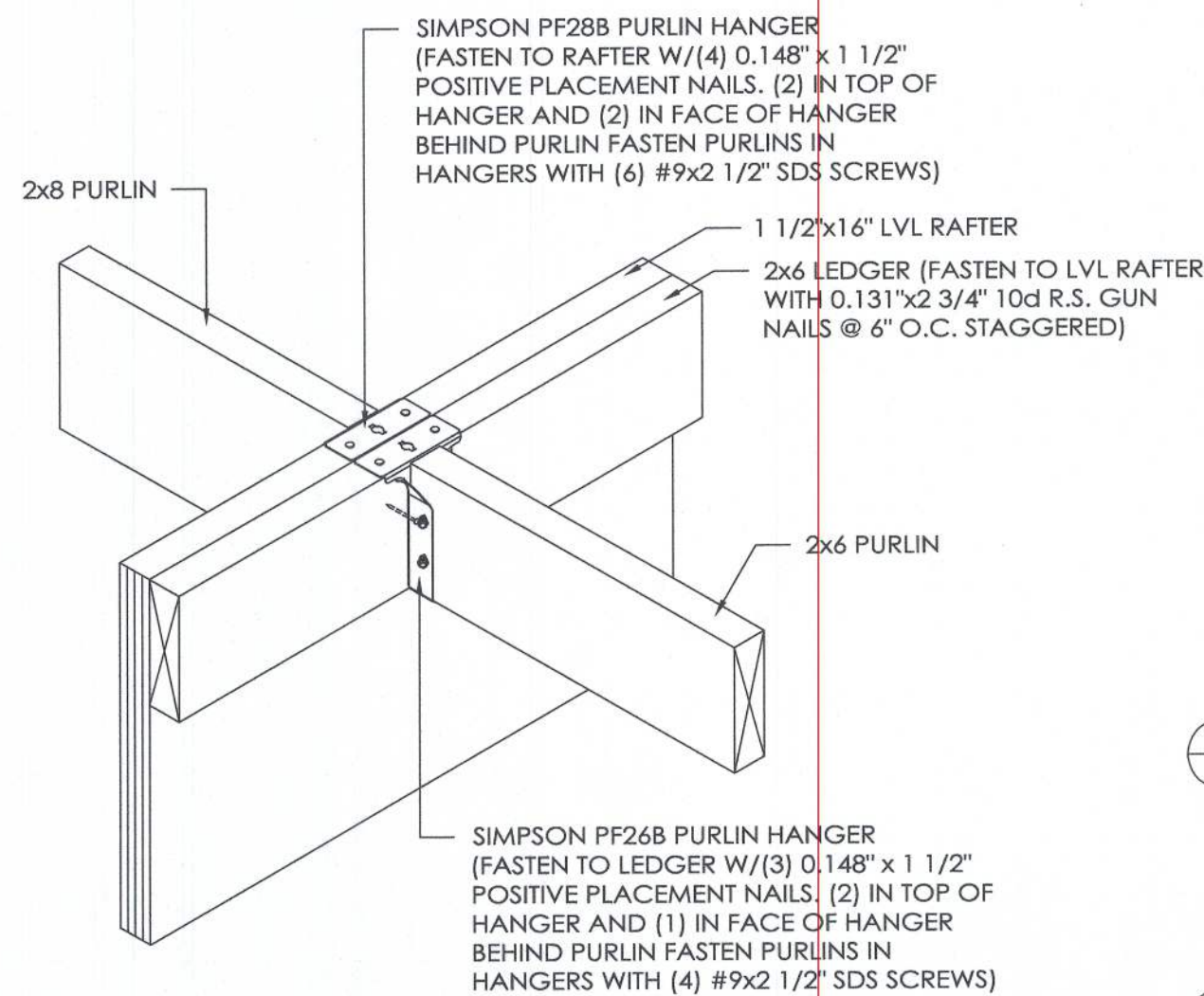


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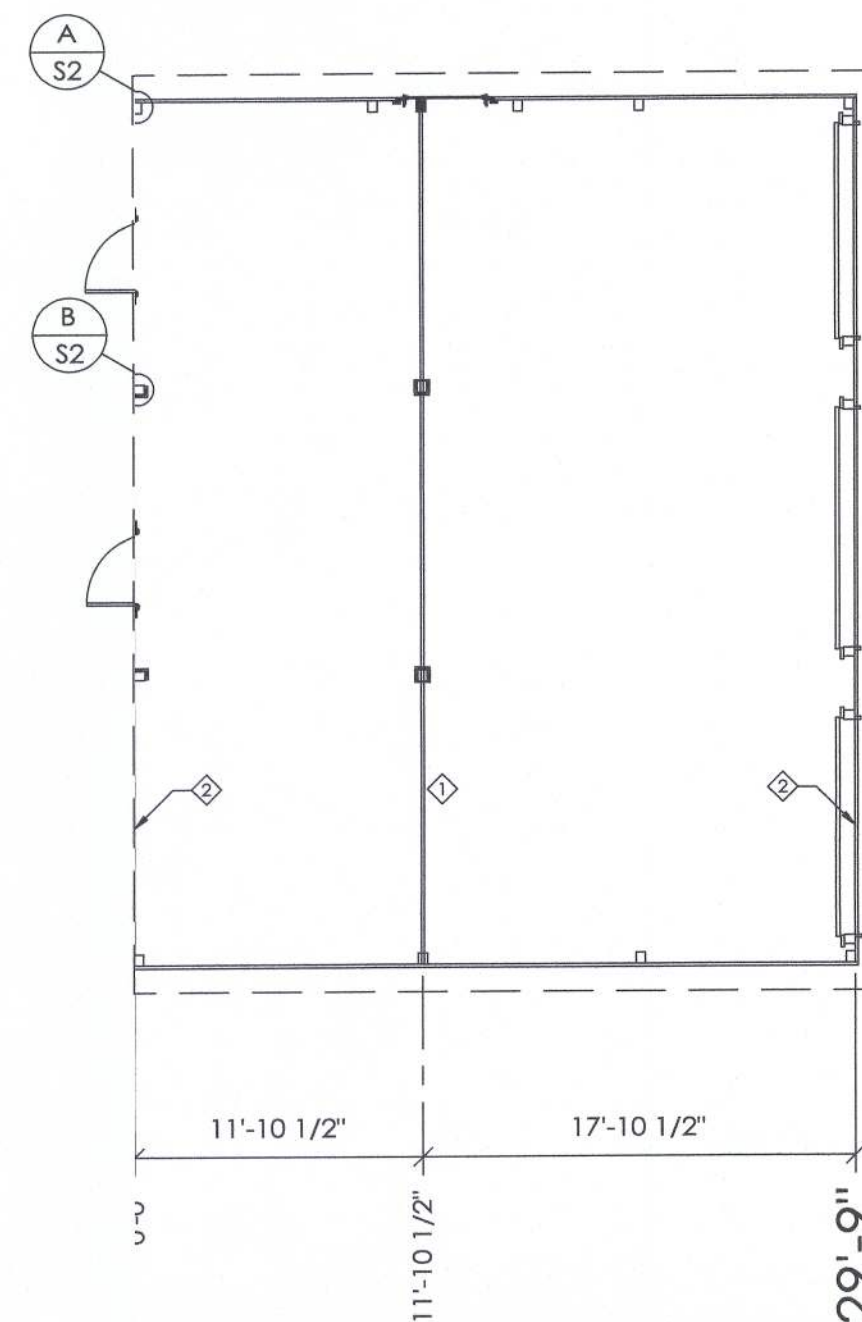
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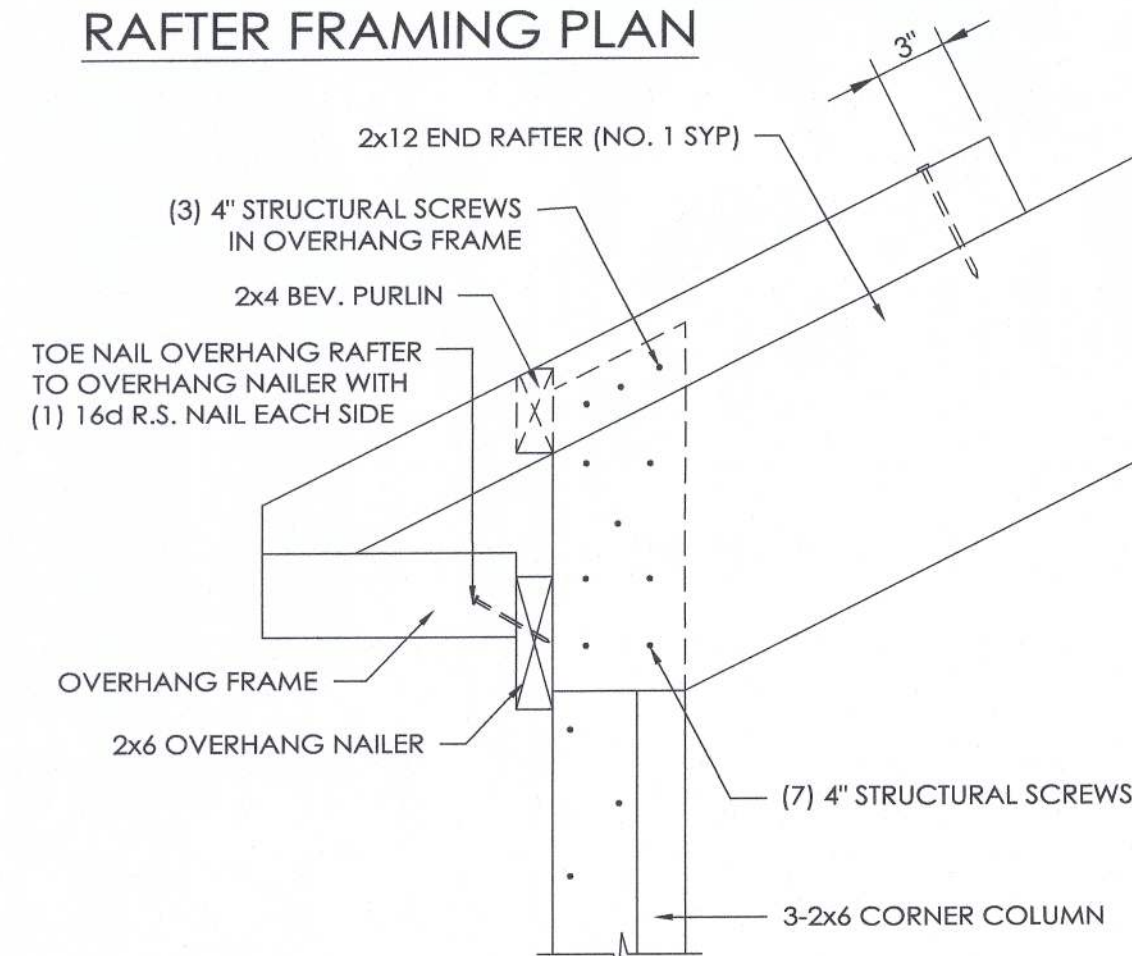


**PURLIN HANGER DETAIL**

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

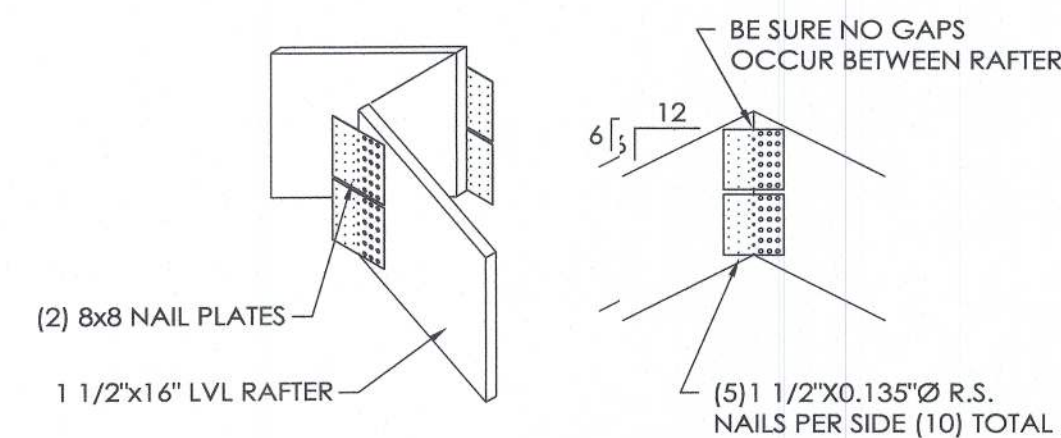


**RAFTER FRAMING PLAN**



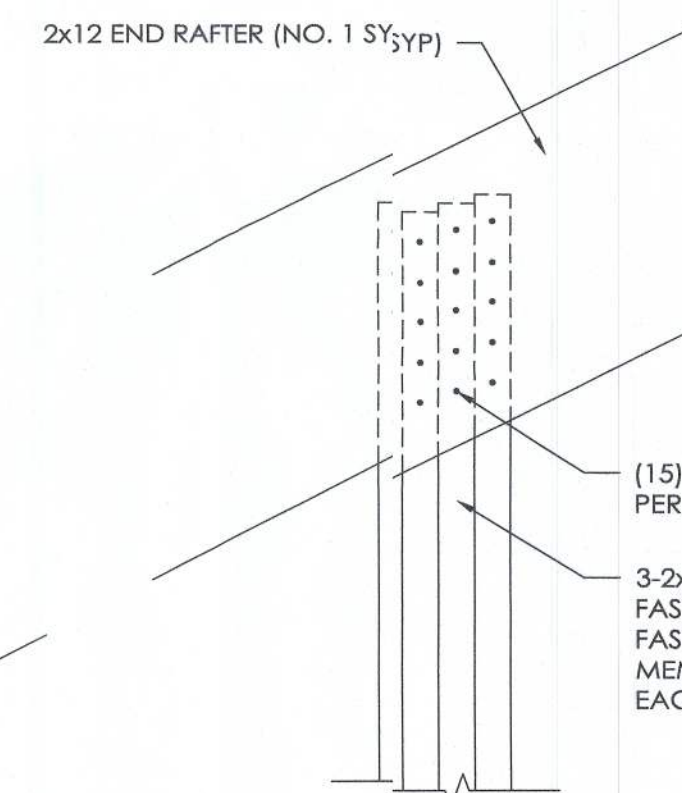
**DETAIL A**

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



**6/12 PEAK LVL CONNECTION DETAILS**

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

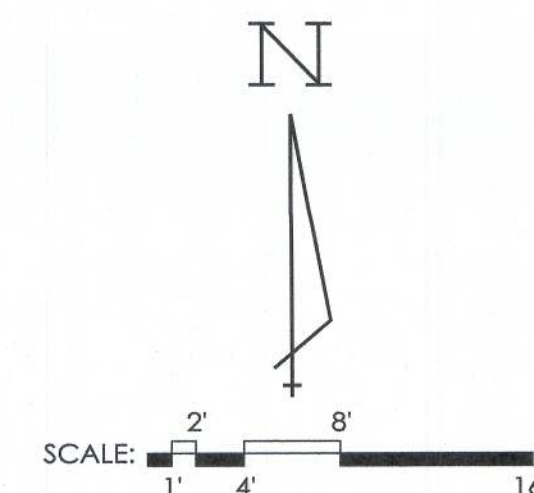


**DETAIL B**

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

**TRUSS/BRACING PLAN LEGEND**

- ◇ - 1 1/2"x16" LVL RAFTER
- ◇ - 36' - 2x12 END RAFTERS (NO. 1 SYP)



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CORY M. BYRD, P.E.  
REG. # 83063  
PHONE NUMBER: 309-263-4105

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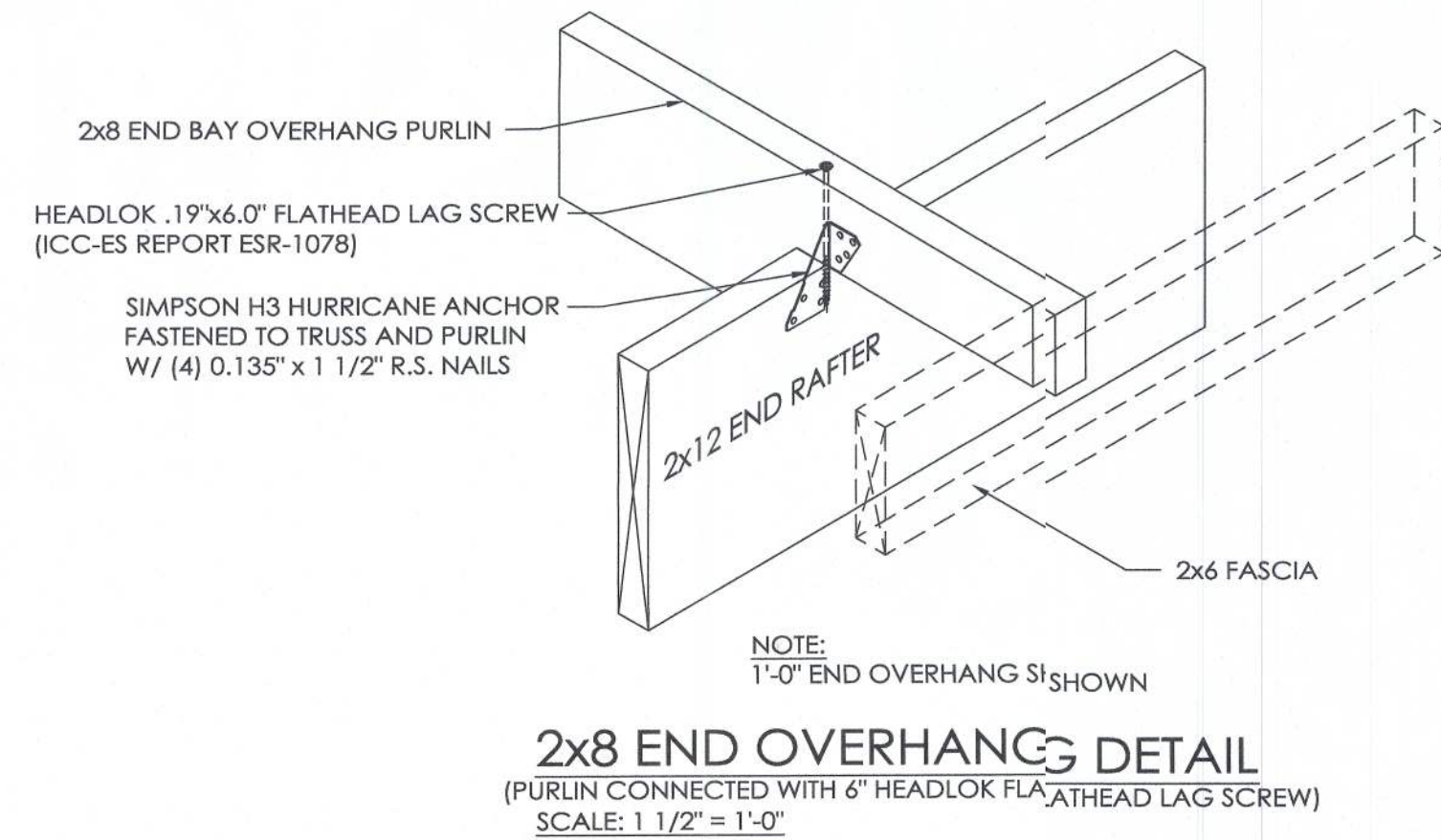
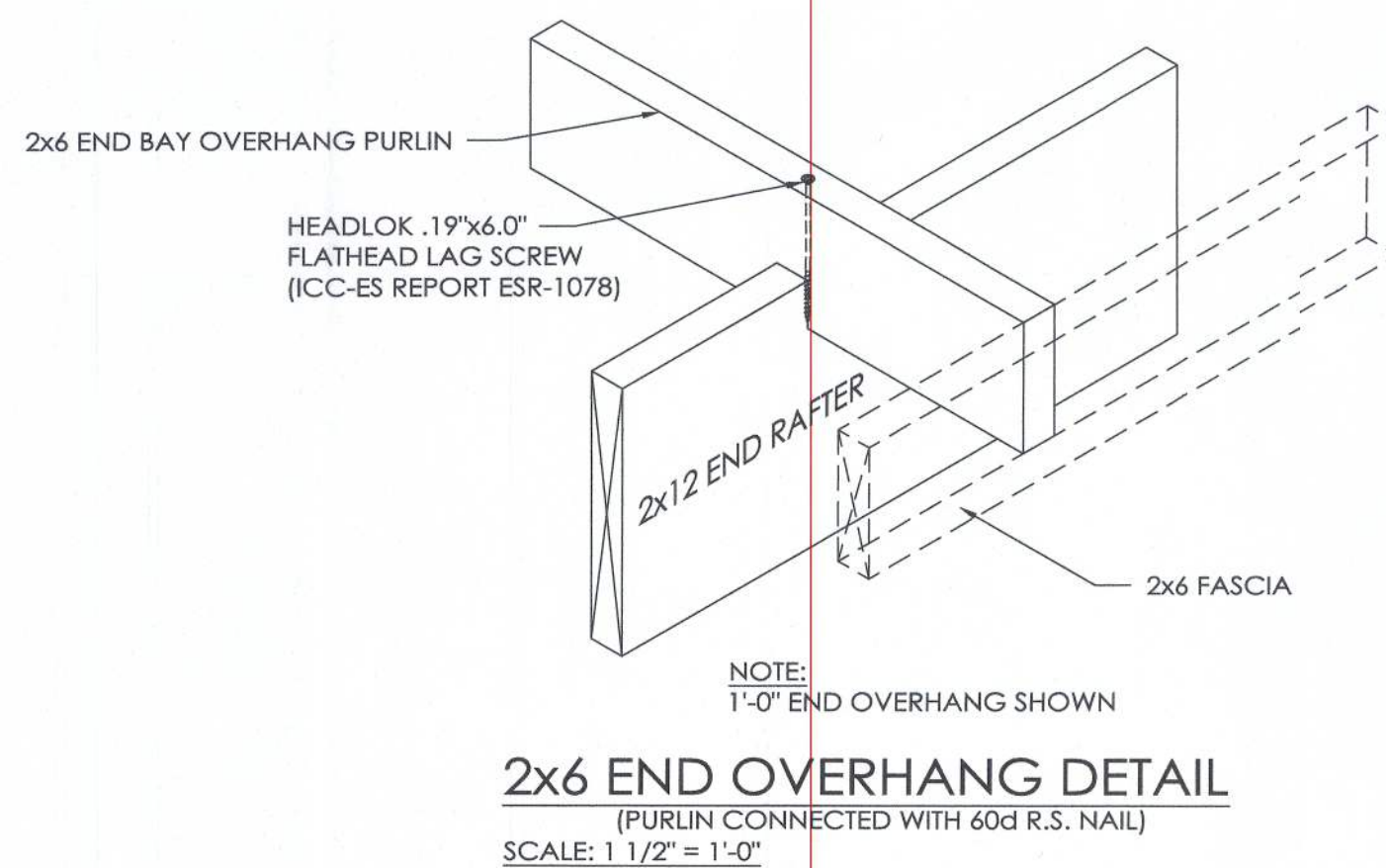
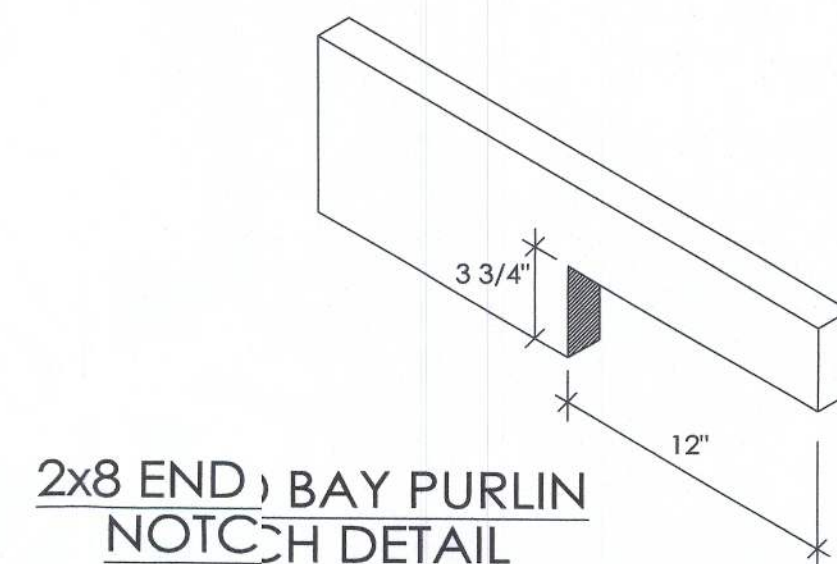
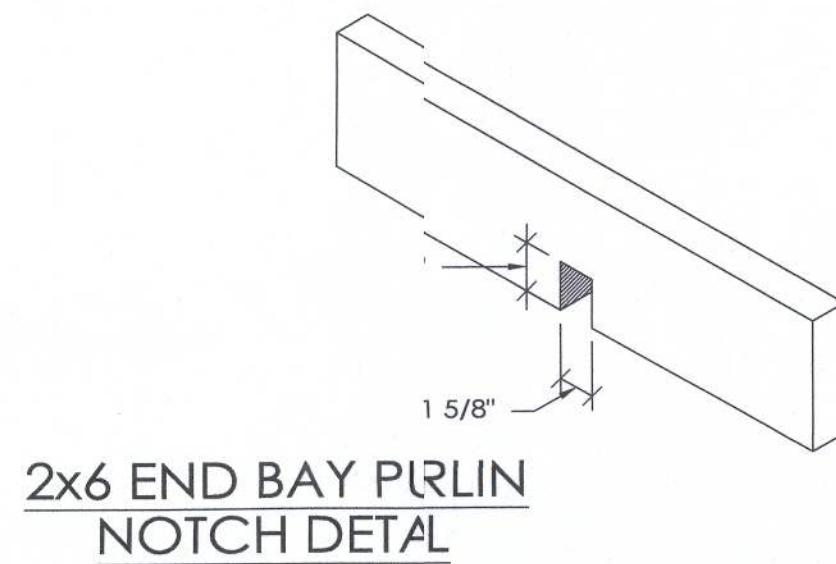
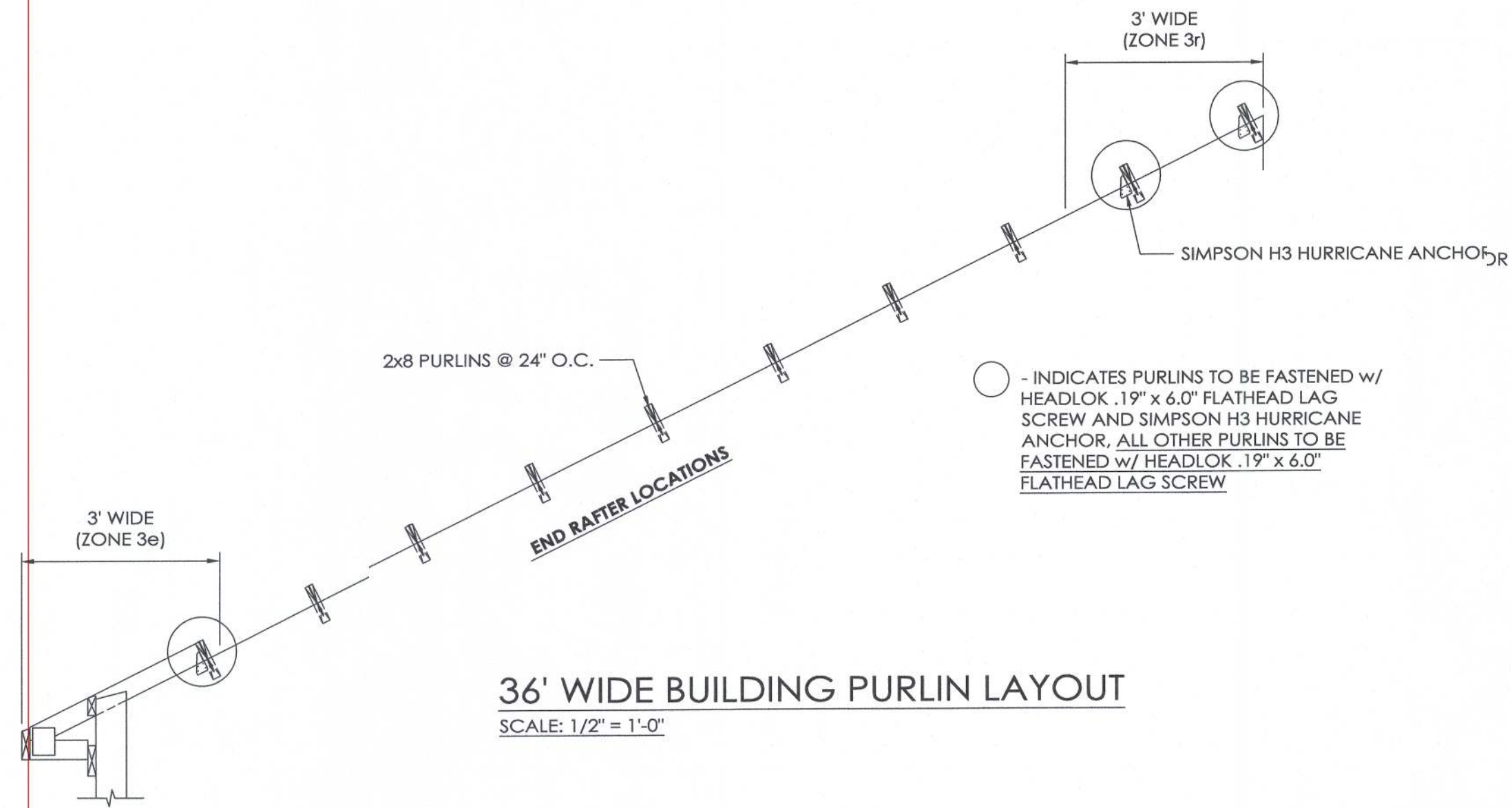
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SHEET NO.  
S2 OF S10



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DESIGN AND EXPLANATORY NOTES

1.) EXTERIOR DOOR AND WINDOW LOCATIONS ARE TAKEN FROM THE EXTERIOR FACE OF THE NAILERS AND DOORS ARE TO THE CENTER OF THE DOOR AND WINDOW UNITS. VERIFY ALL DOOR, WINDOW, SKYLIGHT AND SIDELIGHT LOCATIONS WITH THE OWNER.

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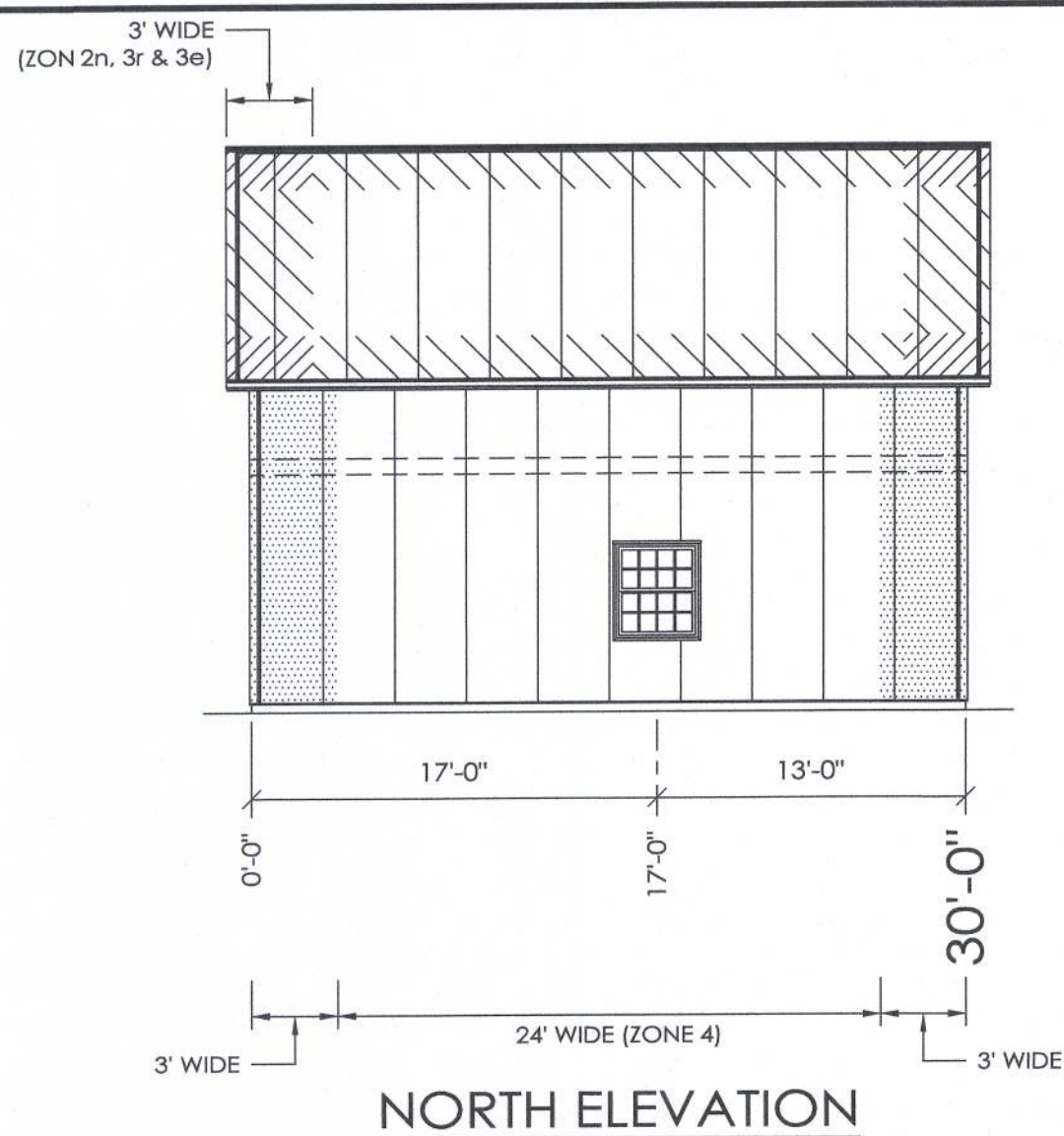
HIGH SPRINGS, FL

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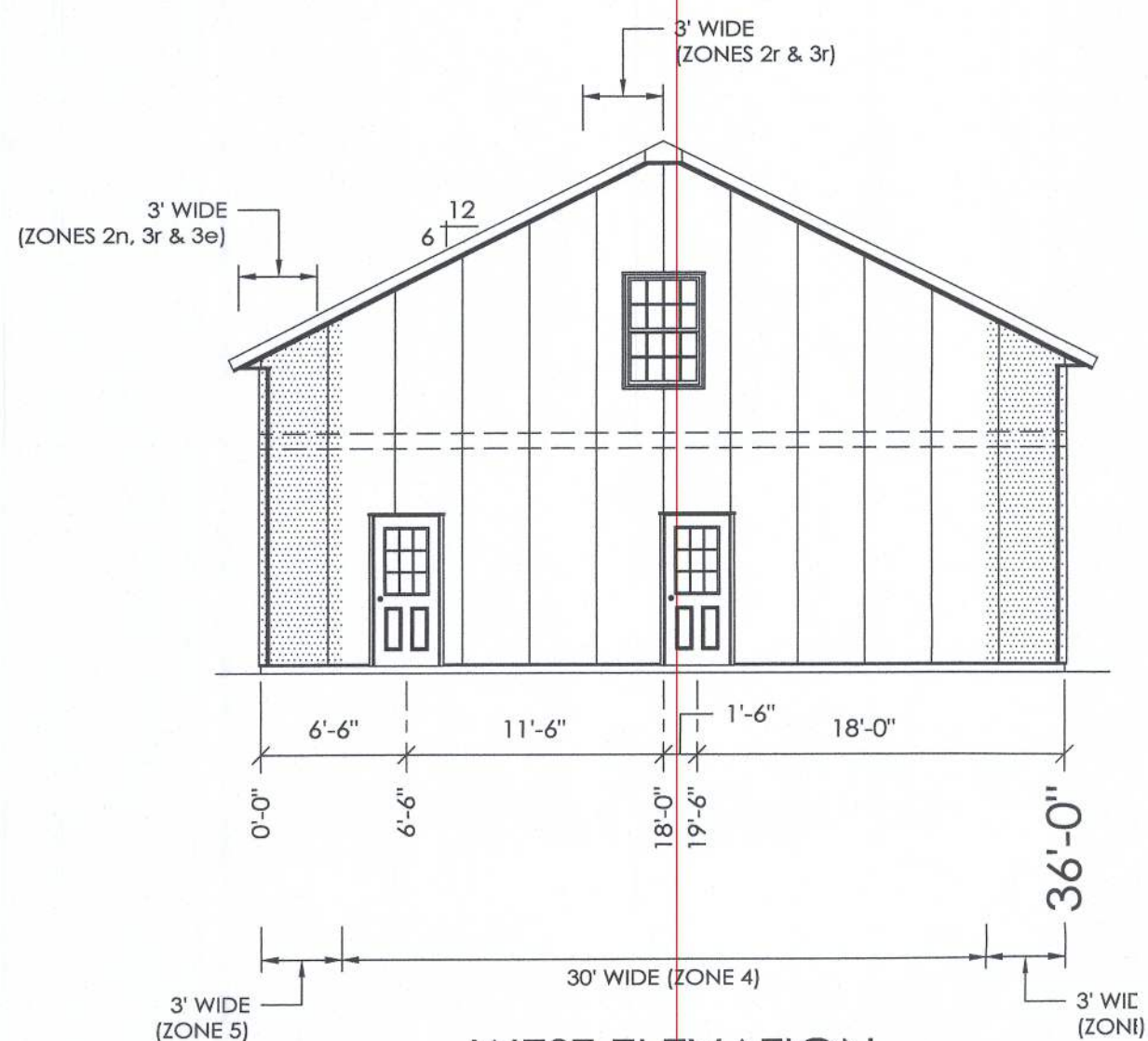
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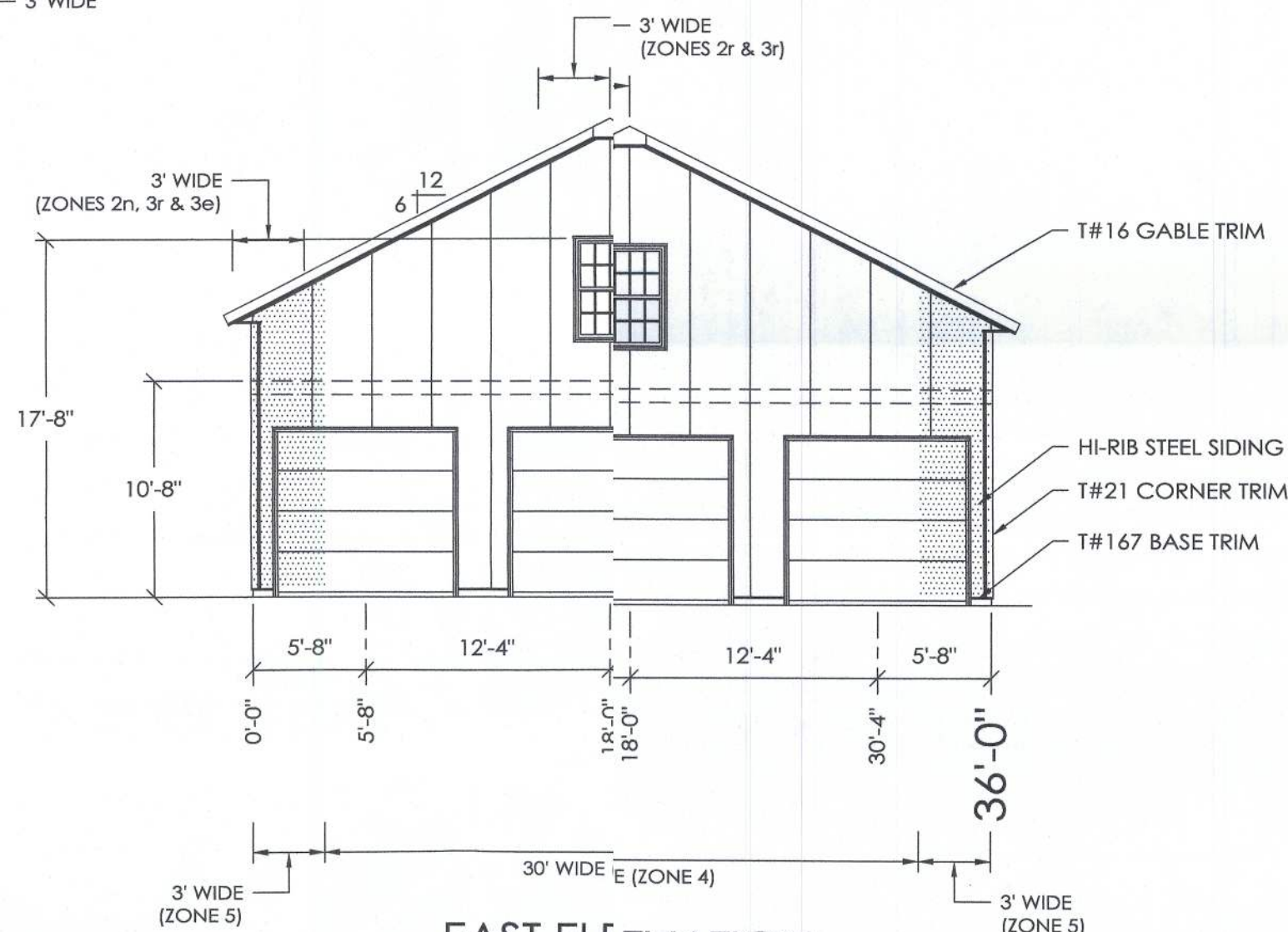
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S4 OF S10



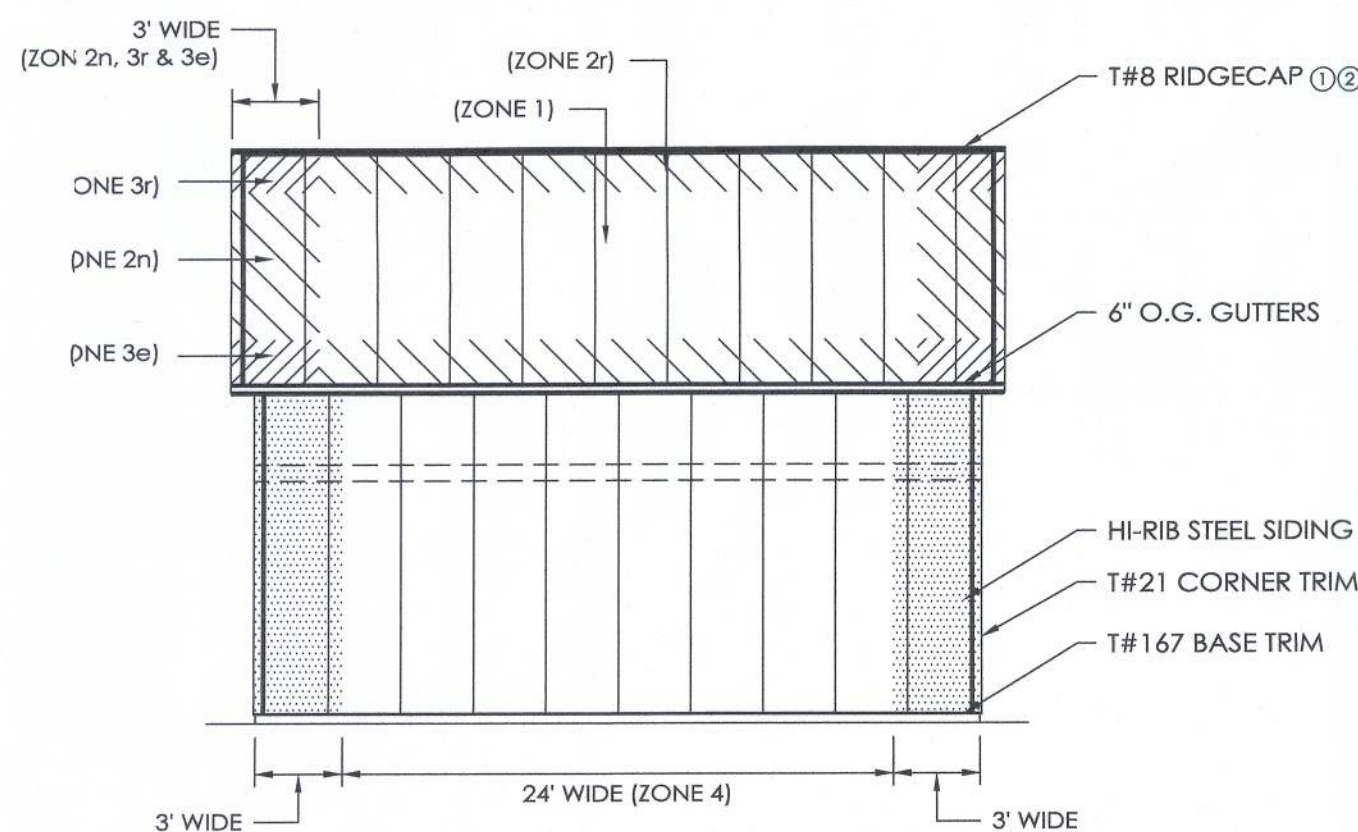
NORTH ELEVATION



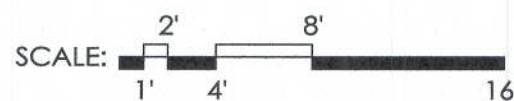
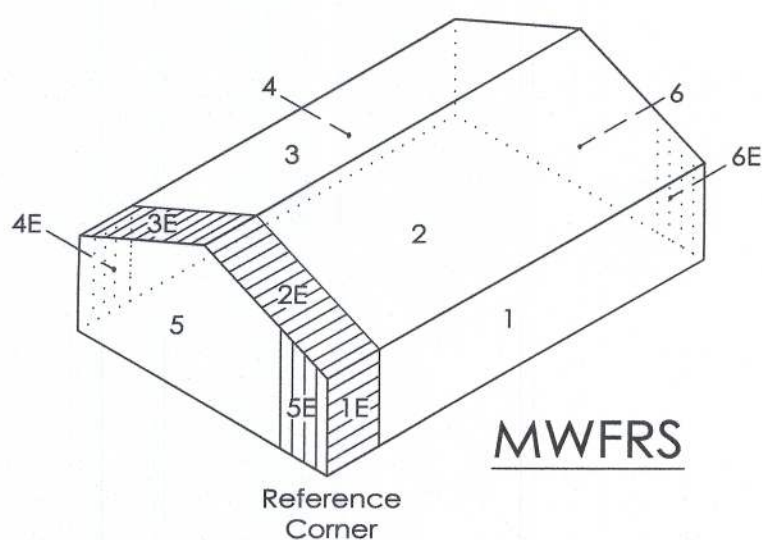
WEST ELEVATION



EAST ELEVATION



SOUTH ELEVATION





**NOTES:**

1. NUMBERS ABOVE ARE 20d R.S. NAILS REQUIRED PER CONNECTION.
2. PRE-DRILL HEADERS AS REQUIRED TO PREVENT SPLITTING.
3. IF NUMBER OF NAILS REQUIRED FOR HEADER TO JAMB COLUMN CONNECTION IS EXCESSIVE TO CAUSE SPLITTING, THE EXCESS NAILS MAY BE INSTALLED IN HEADER SUPPORT BLOCKING.

Diagram illustrating a rafter in a column saddle. The diagram shows a cross-section of a rafter (labeled "RAFTER IN COLUMN SADDLE") and a laminated column (labeled "LAMINATED COLUMN"). The rafter is shown resting on the column, with a small gap between them.

<b>DECK LOADING:</b>		
LIVE LOAD	40	PSF
DEAD LOAD	10	PSF
TOTAL LOAD	50	PSF

- 1.) FOOTINGS ARE DESIGNED FOR A 2000 PSF SOIL BEARING CAPACITY. LOCAL CONDITIONS MAY REQUIRE MODIFICATIONS.
- 2.) CONCRETE FLOOR NOTES:
  - a. 3500 PSI, 5 1/2" BAG MIX CONCRETE.
  - b. SLOPE GRADE AWAY FROM BUILDING @ 1" PER FOOT FOR A MINIMUM DISTANCE OF 10' PLUS OVERHANG WIDTH.
  - c. A VAPOR RETARDER IS NOT MANDATED PER IBC SECTION 1910 EXCEPTION 3. UNLESS THE FLOOR WILL BE COVERED BY MOISTURE SENSITIVE FLOORING MATERIALS OR IF IMPERMEABLE FLOOR COATINGS OR WHERE THE FLOOR WILL BE IN CONTACT WITH ANY MOISTURE SENSITIVE EQUIPMENT OR PRODUCT.
  - d. CONTRACTION JOINTS UNIFORMLY SPACED 12' O.C. OR LESS.
- 3.) PRIOR TO PLACING THE CONCRETE FOOTINGS, HAND TAMP THE BOTTOM 2"-3" OF LOOSE SOIL TO CONSOLIDATE. IF THE DRILLED HOLE CONTAINS MORE THAN 3" OF LOOSE SOIL, REMOVE THE EXCESS SOIL TO A UNIFORM THICKNESS OF 2"-3", HAND TAMP AND PROCEED WITH CONCRETE FOOTING PLACEMENT.
- 4.) DO NOT PLACE CONCRETE FOOTING THROUGH MORE THAN 3" OF STANDING WATER. IF MORE THAN 3" OF STANDING WATER IS PRESENT IN THE FOOTING HOLE CONTACT THE STRUCTURAL ENGINEER OF RECORD FOR INSTALLATION INSTRUCTIONS.

A technical diagram showing a cross-section of a roof structure. A vertical line represents the wall, and a horizontal dashed line represents the roof level. A diagonal line, labeled 'SADDLE CUT LINE (BEVEL CUT 45°)', extends from the roof level down to the wall. A vertical dimension line on the left indicates a height of '1'-3" from the roof level to the saddle cut line.

1. INSTALL PRECAST CONCRETE COLUMN W/ADJUSTMENT ROD & BASE PLATE IN THE AUGERED HOLE.
2. PLUMB PRECAST CONCRETE COLUMN IN BOTH DIRECTIONS
3. ADJUST HEIGHT UP OR DOWN WITH ADJUSTMENT HEX ROD
4. POUR READI-MIX CONCRETE INTO THE HOLE AS SPECIFIED.
5. BACKFILL AND COMPACT THE ANNULAR SPACE AROUND THE COLUMN TO GRADE WITH SOIL AUGERED FROM THE SITE.

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

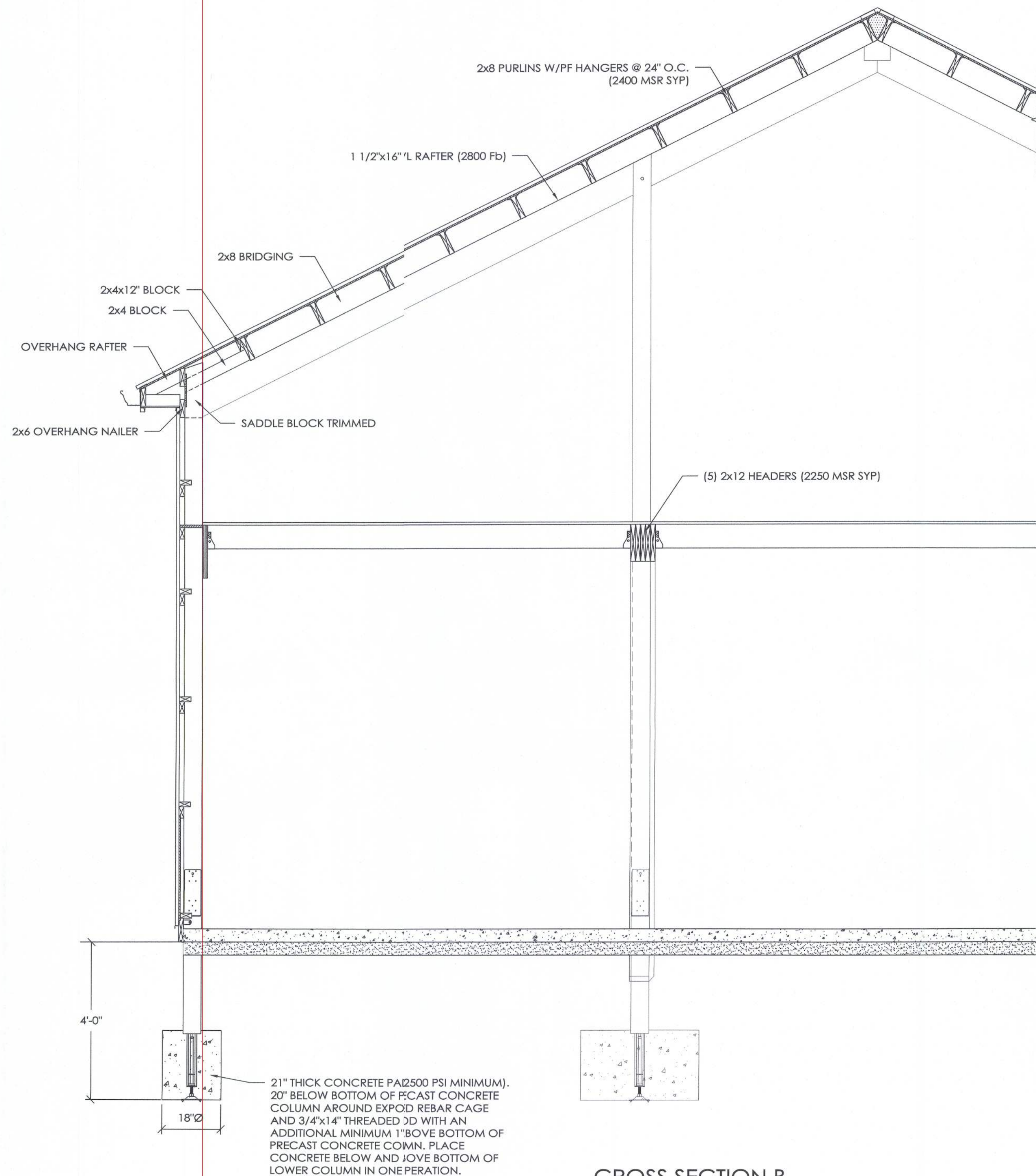
4/9/21



CORY M. BYRD  
LICENSE  
No. 83063  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

SHEET NO.  
S5 OF S10





# CROSS SECTION B

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

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HIGH SPRINGS, FL

FL

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.

100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA # 8,400 (ENG) COA # AA003469 (AR)

CORY M. BYRD, P.E.  
REG. # 83063

PHONE NUMBER: 309-263-4105

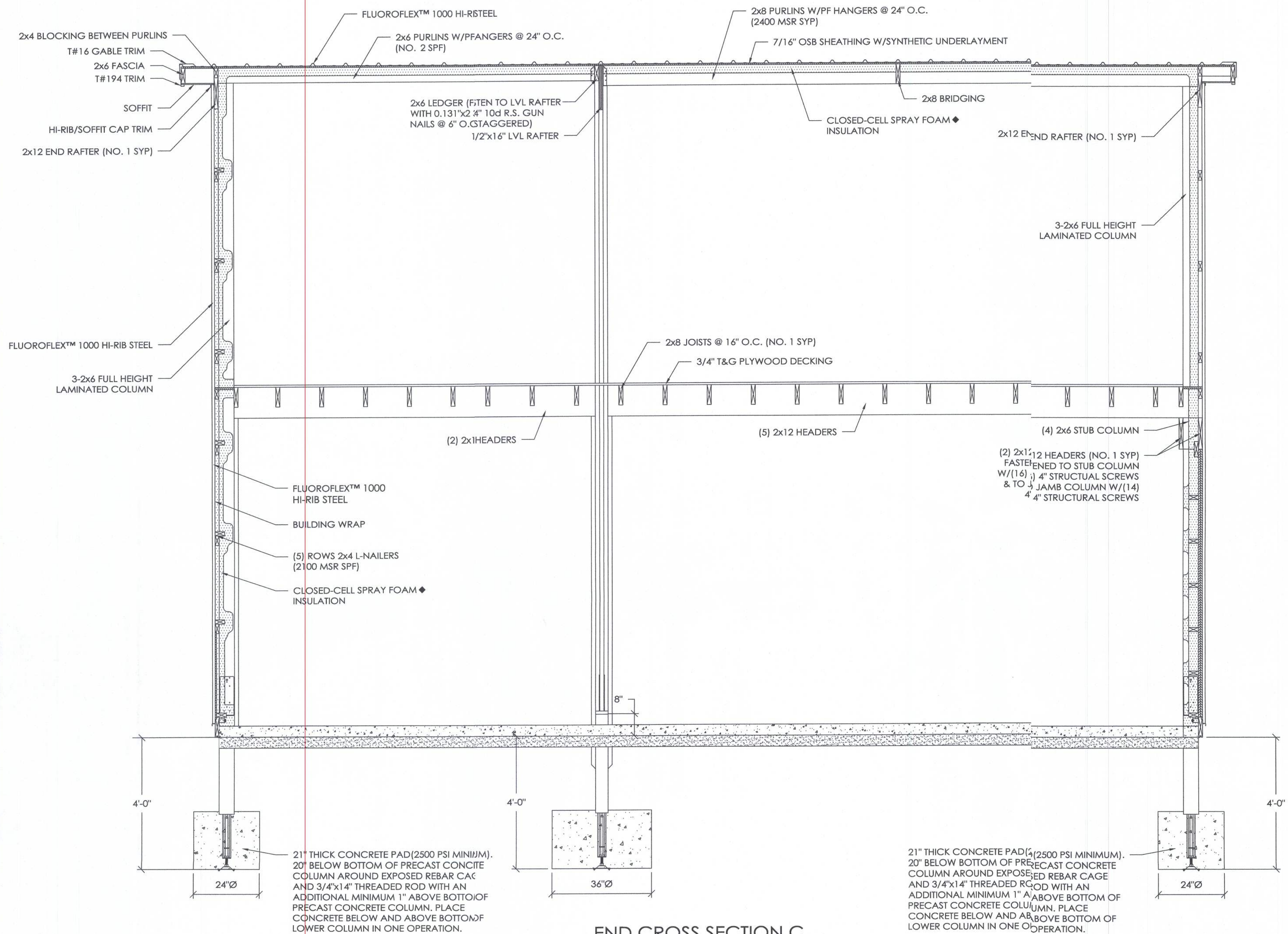
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DATE:	3/17/2021
CHECKED BY:	V. DE VERA
DATE:	3/26/2021
REVISED DATE:	---
REVISED DATE:	---
REVISED DATE:	---
REVISED DATE:	---



SCALE: AS NOTED

SHEET NO.  
S6 OF S10





**END CROSS SECTION C**

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

OFFICE:  
GAINESVILLE, FL  
JOB NO.  
131-105305

DONNALEE OR MICHAEL RELYEA  
HIGH SPRINGS, FL

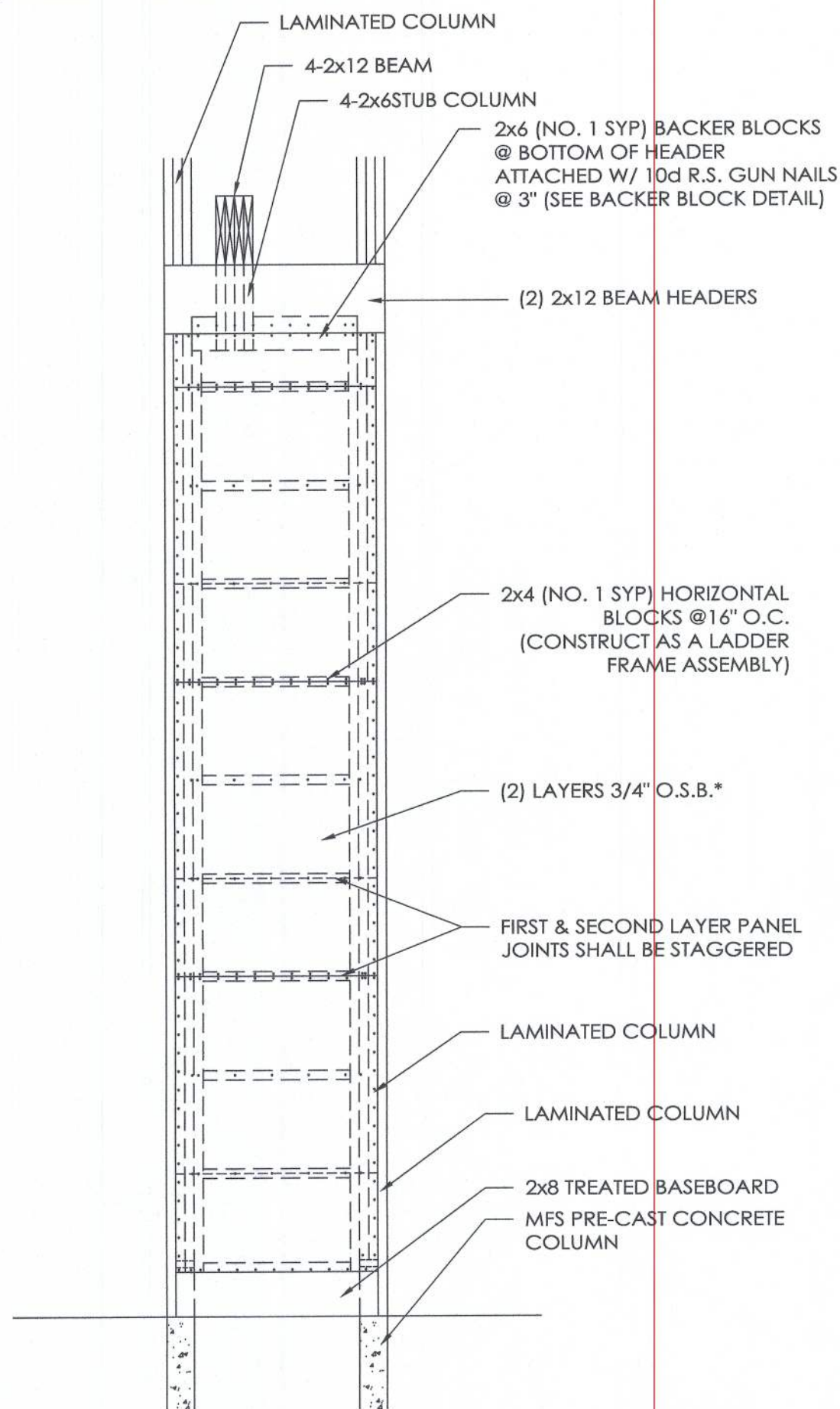
FL  
ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.  
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550 COA # 8,400 (ENG) COA # A4003469 (AR)  
CORY M. BYRD, P.E.  
REG. # 83063  
PHONE NUMBER: 309-263-4105

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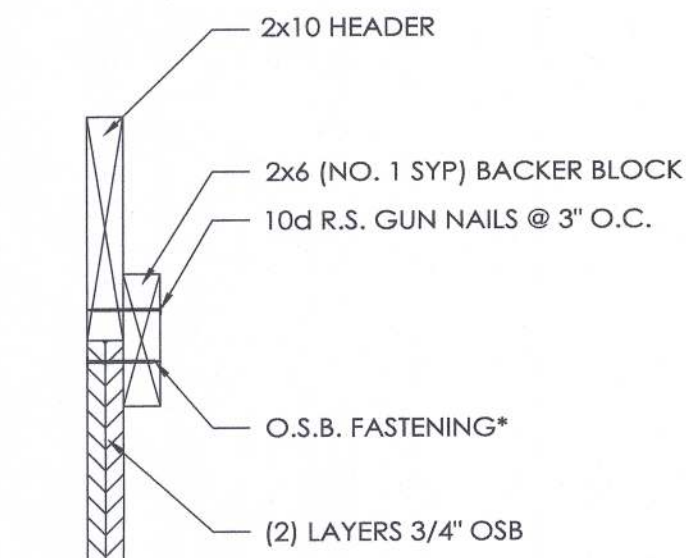


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SHEET NO.  
S7 OF S10



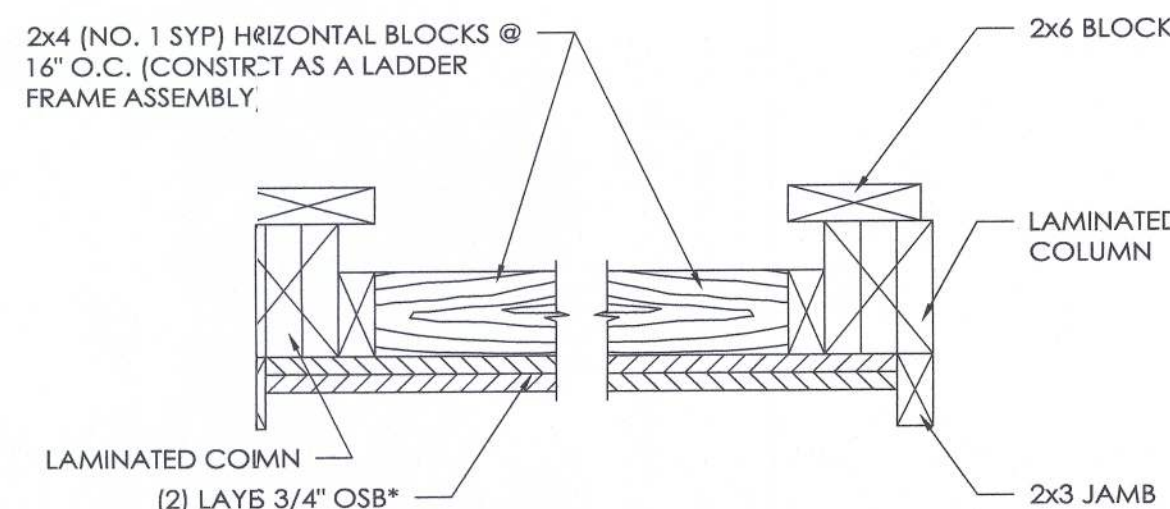


**DOUBLE LAYER 3/4" O.S.B.  
SHEARWALL FRAMING ELEVATION**  
SCALE: 1/2" = 1'-0"

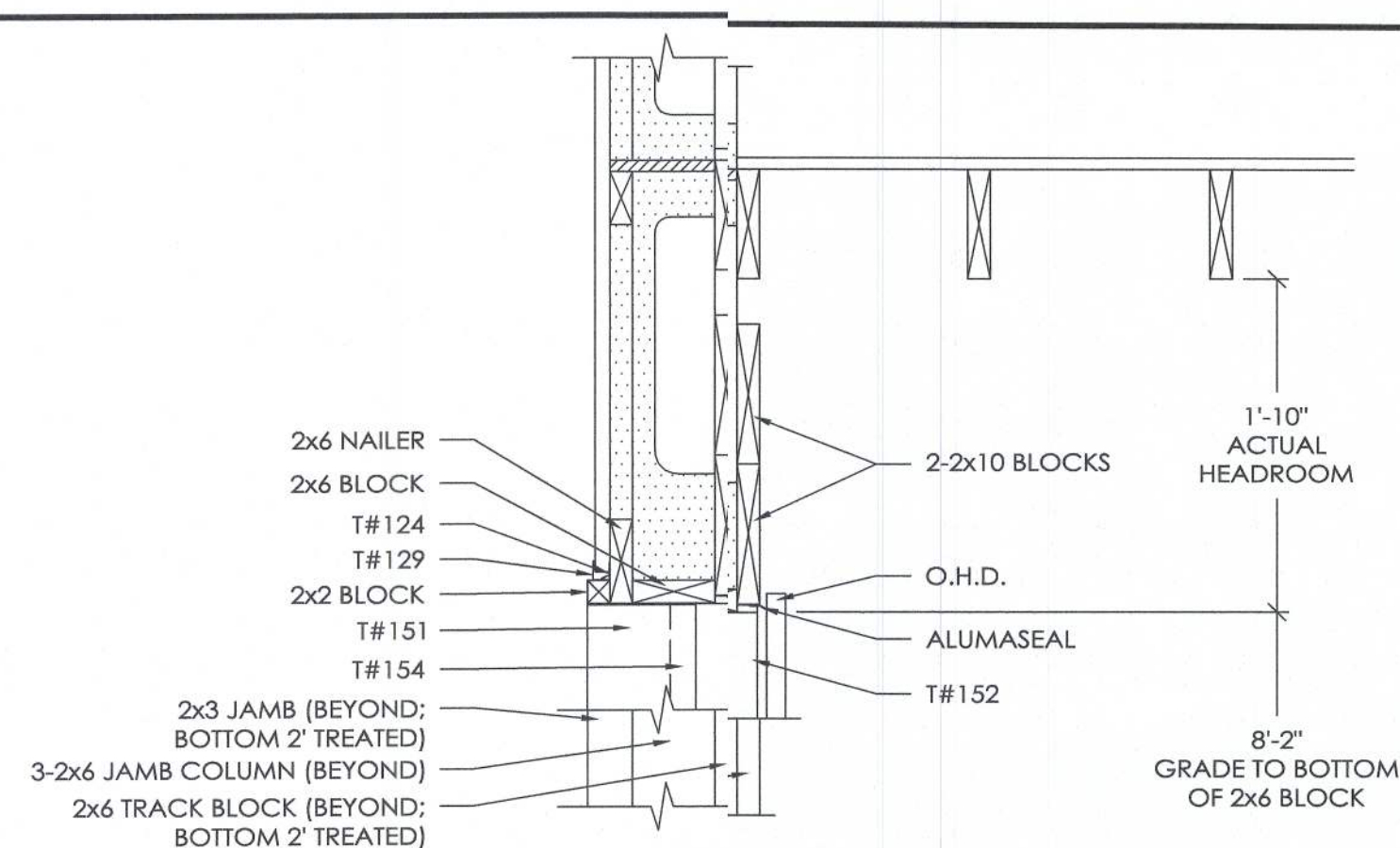


**BACKER BLOCK DETAIL**  
SCALE: 1 1/2" = 1'-0"

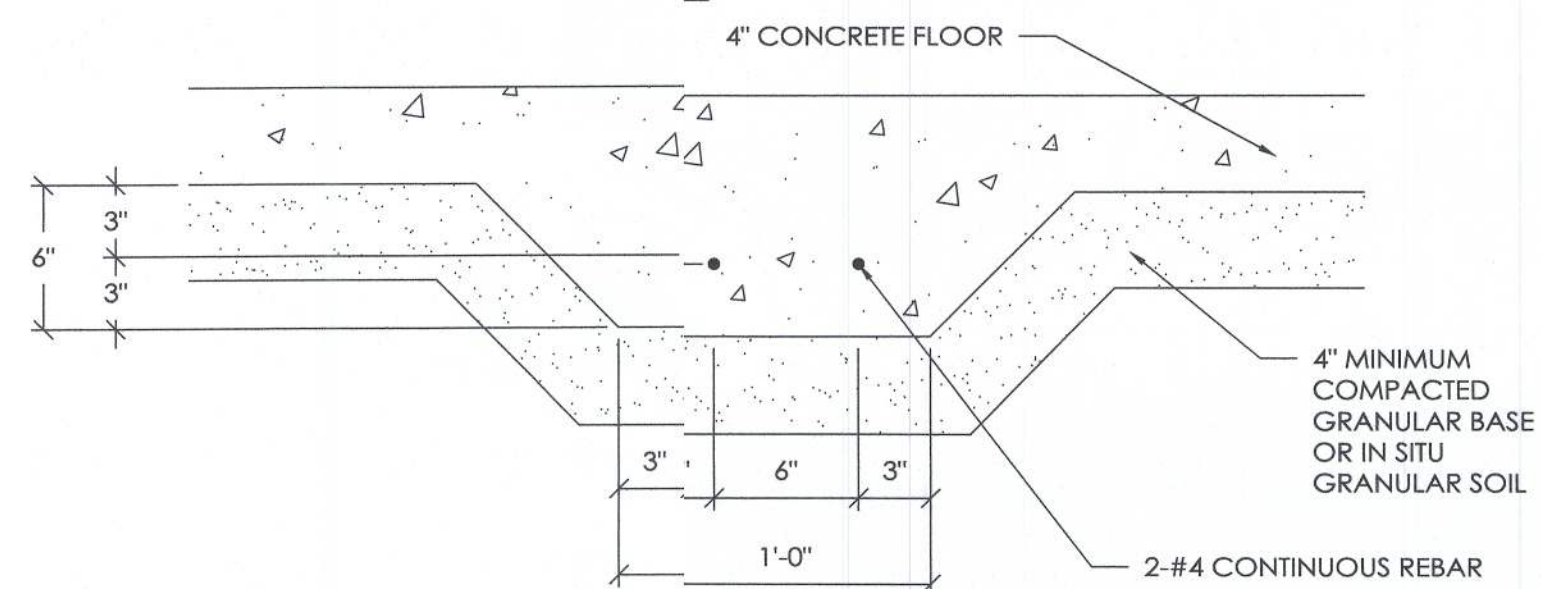
\* - G.B. FASTENING INSTRUCTIONS:  
FASTEN FIRST LAYER 3/4" O.S.B. W/8d NAILS @ 3" O.C.  
ALONG PANEL EDGES & 6" O.C. ALONG INTERMEDIATE  
FRAMING.  
FASTEN SECOND LAYER 3/4" O.S.B. W/10d NAILS @ 3" O.C.  
ALONG PANEL EDGES & 6" O.C. ALONG INTERMEDIATE  
FRAMING.



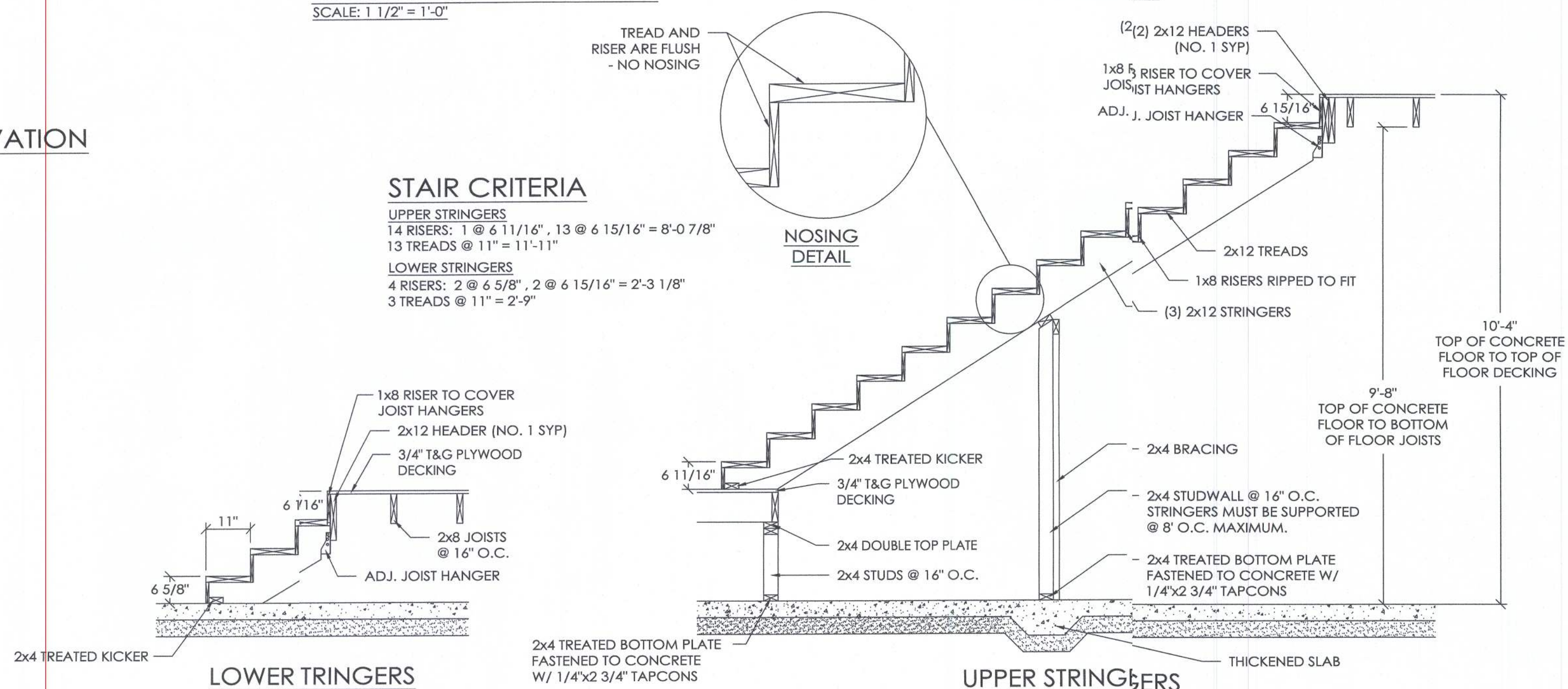
**O.S.B. SHEARWALL DETAIL**  
SCALE: 1 1/2" = 1'-0"



**OHD HEADER SECTION D**  
SCALE: 1" = 1'-0"



**THICKENED SLAB DETAIL**  
SCALE: 1 1/2" = 1'-0"



**L-SHAPED STAIR SECTION E**  
SCALE: 1/2" = 1'-0"

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JOB NO.  
131-105305

DONNALEE OR MICHAEL RELYEA  
HIGH SPRINGS, FL

FL  
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CORY M. BYRD, P.E.  
REG. # 83063  
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SCALE: AS NOTED

SHEET NO.  
S8 OF S10

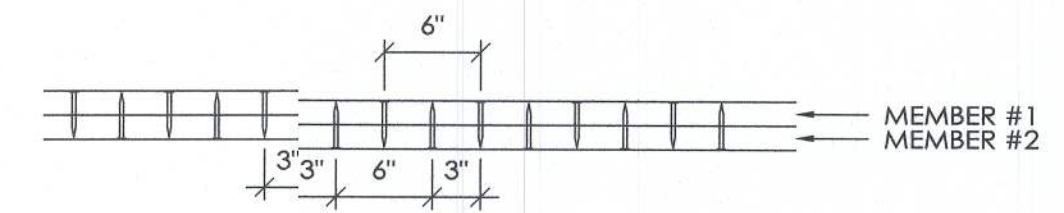


DONNALEE OR MICHAEL RELYEA  
HIGH SPRINGS, FL

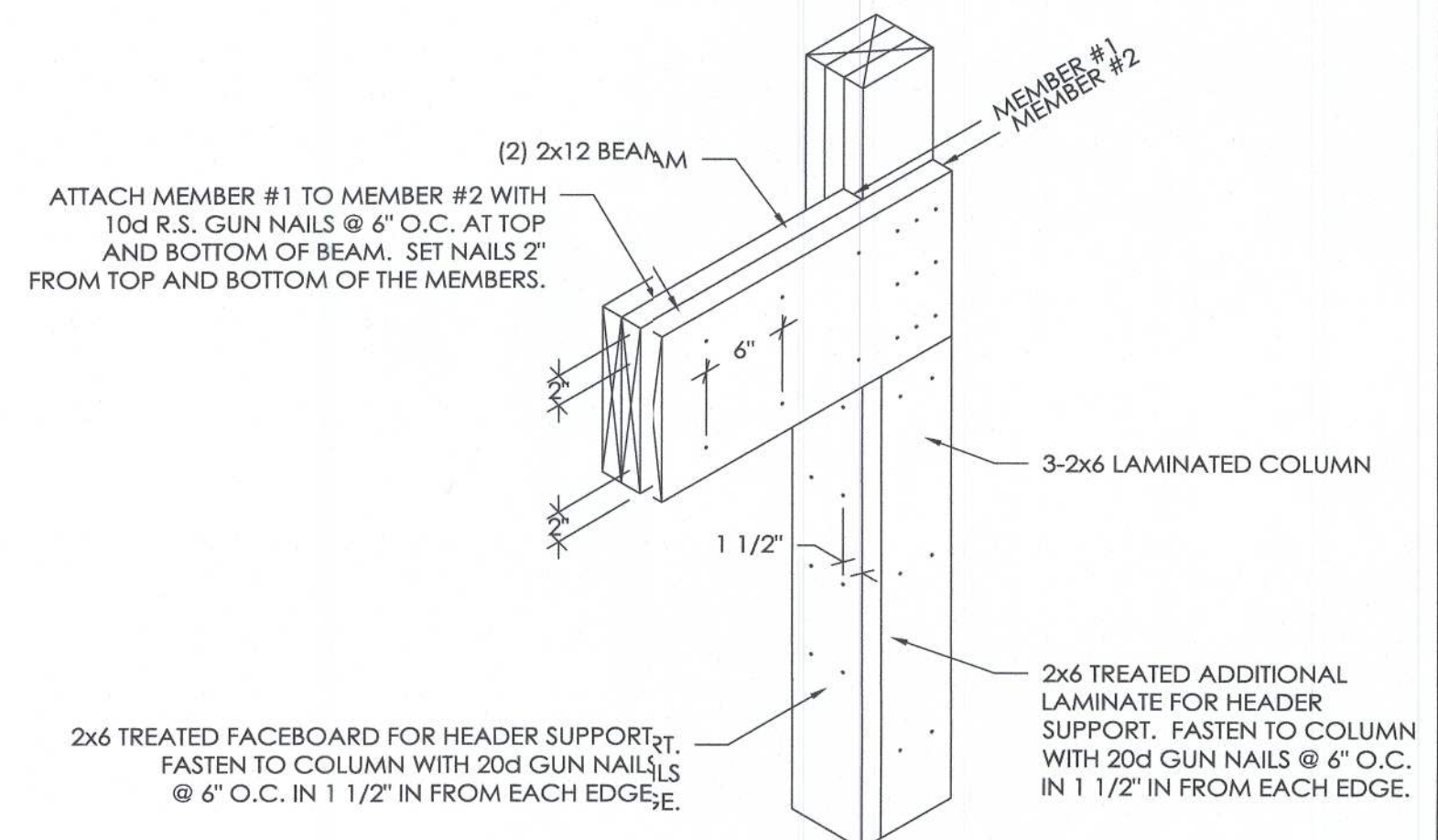
DRAWN BY:	MILICH
DATE:	3/17/2021
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REVISED DATE:	---
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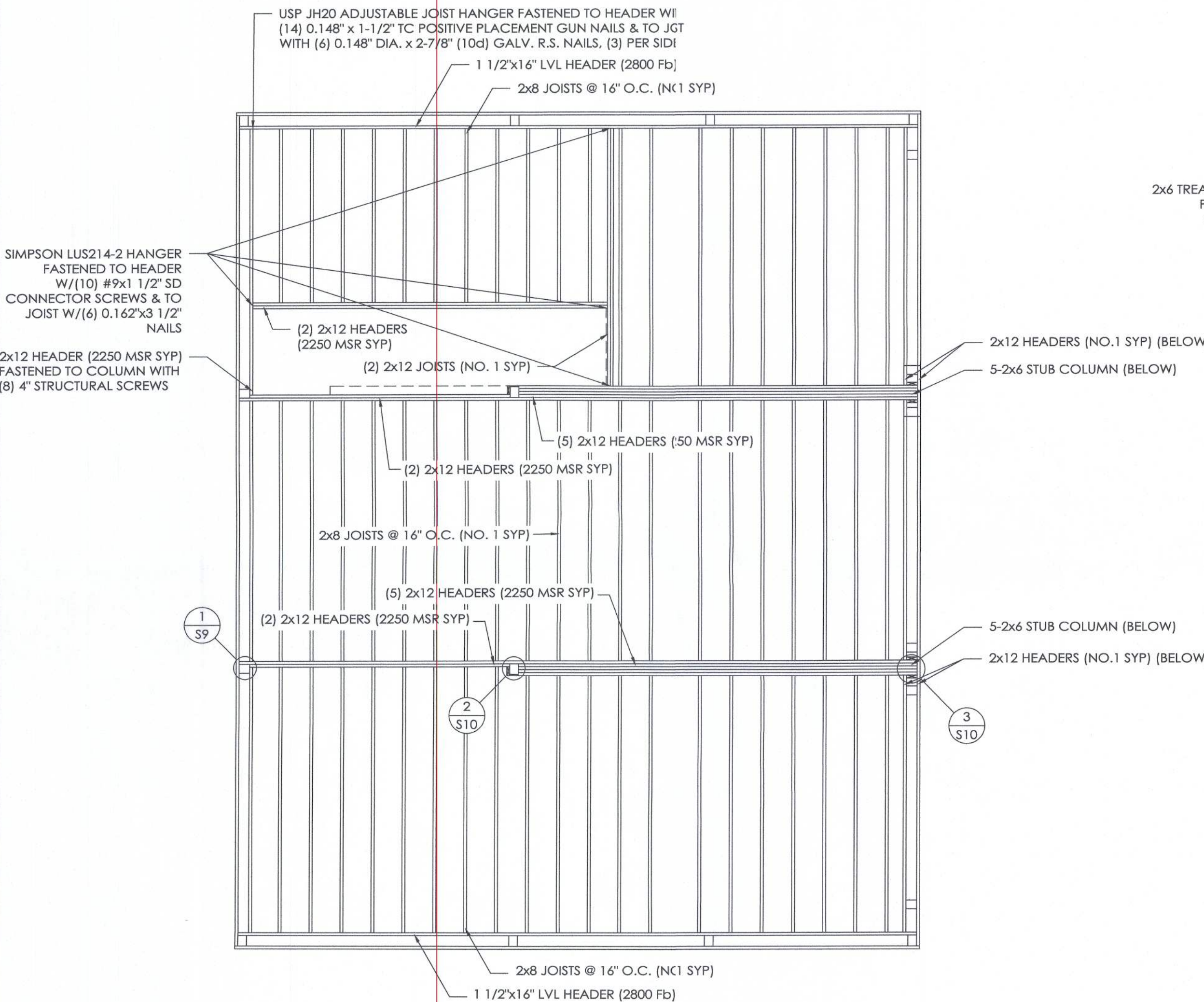
SCALE: AS NOTED  
SHEET NO.  
S9 OF S10



(2) MEMBER HEADER NAIL PATTERN PLAN VIEW



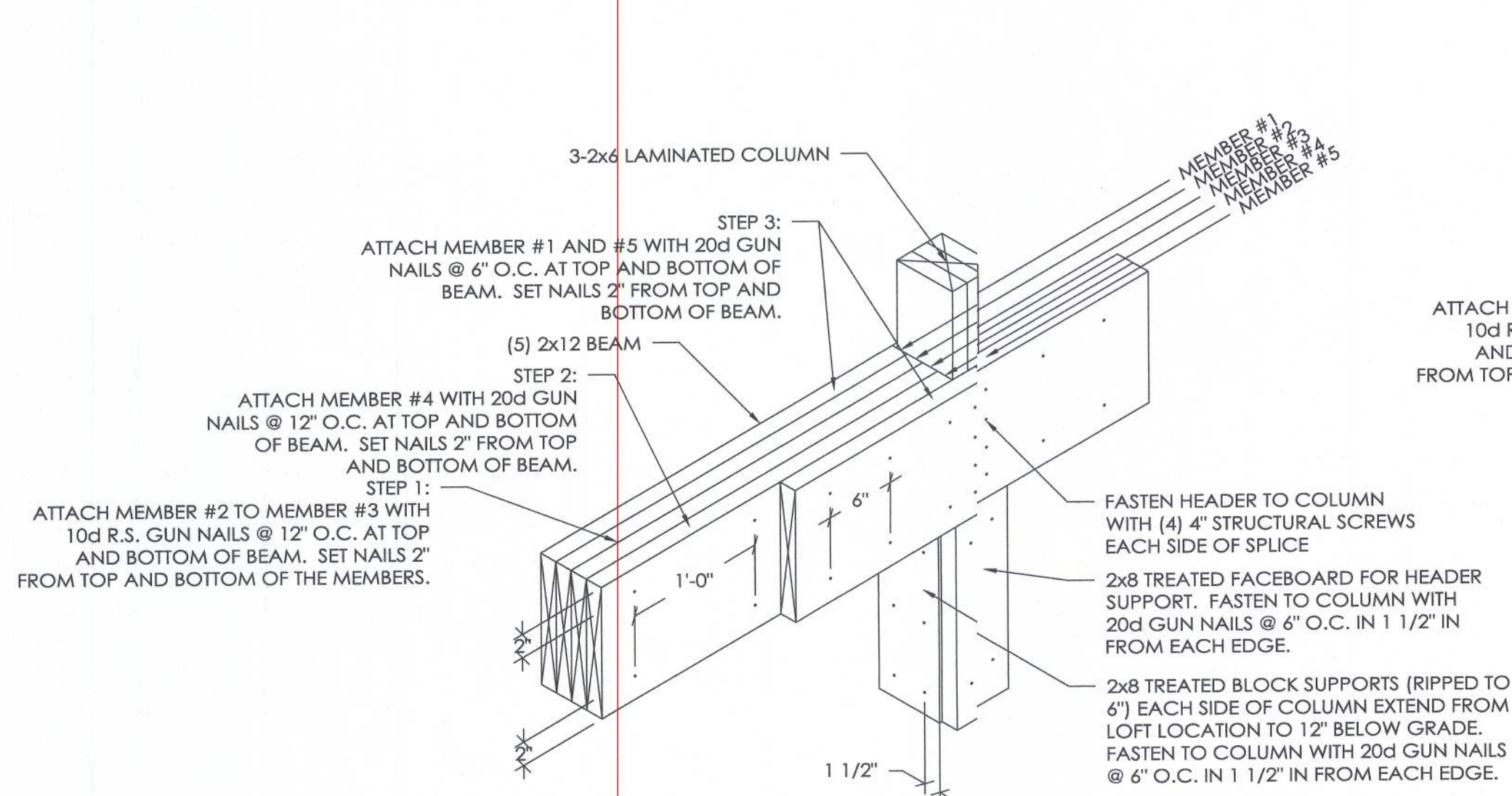
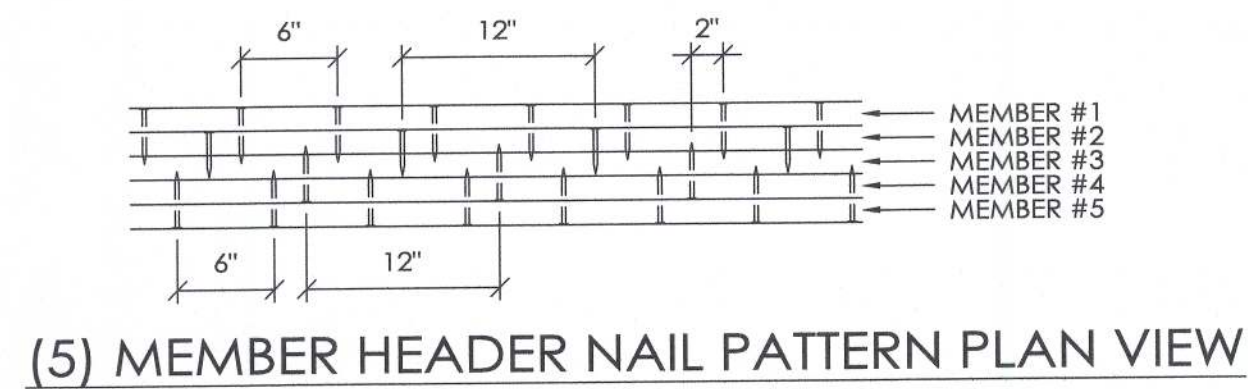
NAILING FOR (2) 2x12 BEAM HEADERS DETAIL #1  
(BEAM BUTTS TO FACE OF COLUMN)



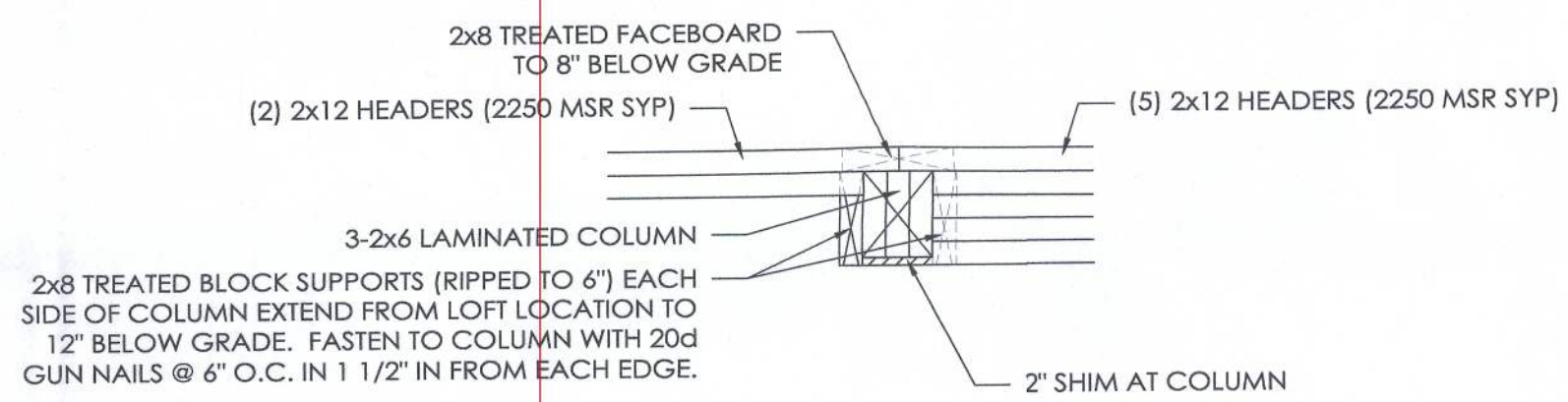
FLOOR JOIST LAYOUT  
SCALE: 1/4" = 1'-0"



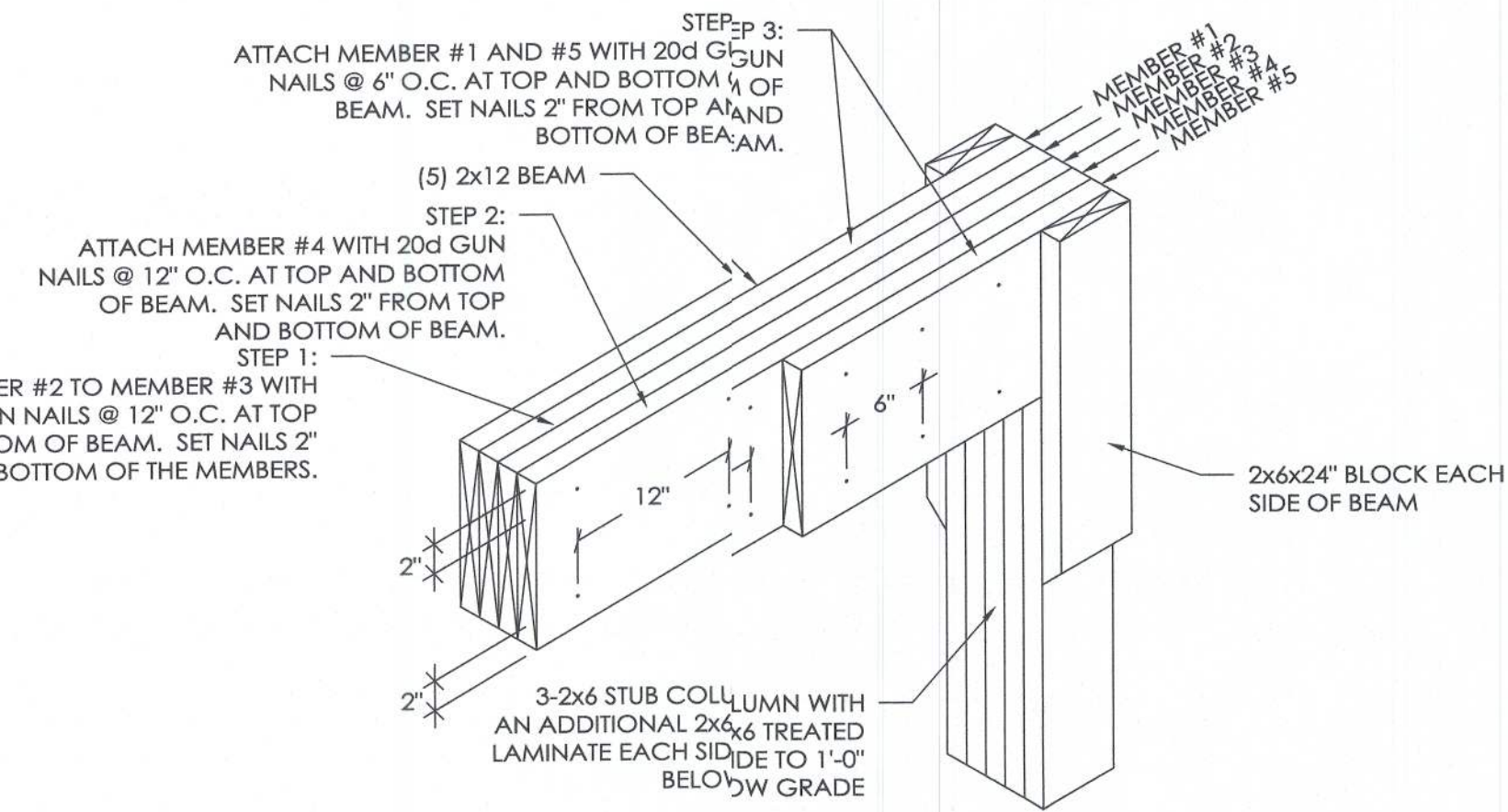
DONNALEE OR MICHAEL RELYEA  
HIGH SPRINGS, FL



NAILING FOR (5) 2x12 BEAM HEADERS DETAIL #2  
(BEAM BUTTS TO SIDE OF COLUMN)



BEAM PLAN VIEW DETAIL #2  
SCALE: 1" = 1'-0"



NAILING FOR (5) 2x12 BEAM HEADERS DETAIL #3

ROOF STRUCTURE FASTENING SCHEDULE			
①	T#5 RIDGE CAP	#9 x 3" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" O.C.)	
②	RIDGE BASE TRIM TO 2x4 PURLINS	#9 x 3" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" O.C.)	
③	HI-RIB STEEL TO 2x4 PURLINS	#9 x 3" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" O.C.)	
④	7/16" OSB SHEATHING TO PURLINS	0.113" x 2-3/8" RING SHANK COIL NAILS @ 12" O.C., 6" O.C. @ PANEL EDGES	
WALL FRAMING FASTENING SCHEDULE			
⑤	2x4 NOTCHED NAILER w/ 2x4 STIFFENER TO COLUMN	(4) 0.148" x 3-1/2" (16d) NAILS @ SPLICE/ (4) 0.148" x 3-1/2" (16d) NAILS @ STANDARD CONNECTION	
⑥	7/16" OSB TO SPLASHBOARD & NOTCHED NAILER	0.099" x 1-1/4" ASBESTOS SIDING NAILS	
⑦	2x4 L-NAILER TO COLUMN	(4) 0.148" x 3-1/2" (16d) RING SHANK NAILS @ SPLICE/ (4) 0.148" x 3-1/2" (16d) RING SHANK NAILS @ STANDARD CONNECTION	
⑧	HI-RIB STEEL TO NAILERS	#9 x 2" STAINLESS STEEL RUBBER WASHER PANHEAD INTERNAL DRIVE SCREWS AT EVERY HI-RIB (1'-0" O.C.)	
⑨	SOFFIT TO WALL	INSERTED IN PRE-FORMED SLOT IN SOFFIT/HI-RIB CAP	
⑩	SOFFIT TO FASCIA	T-50 MONEL STAPLES (2) PER PIECE	

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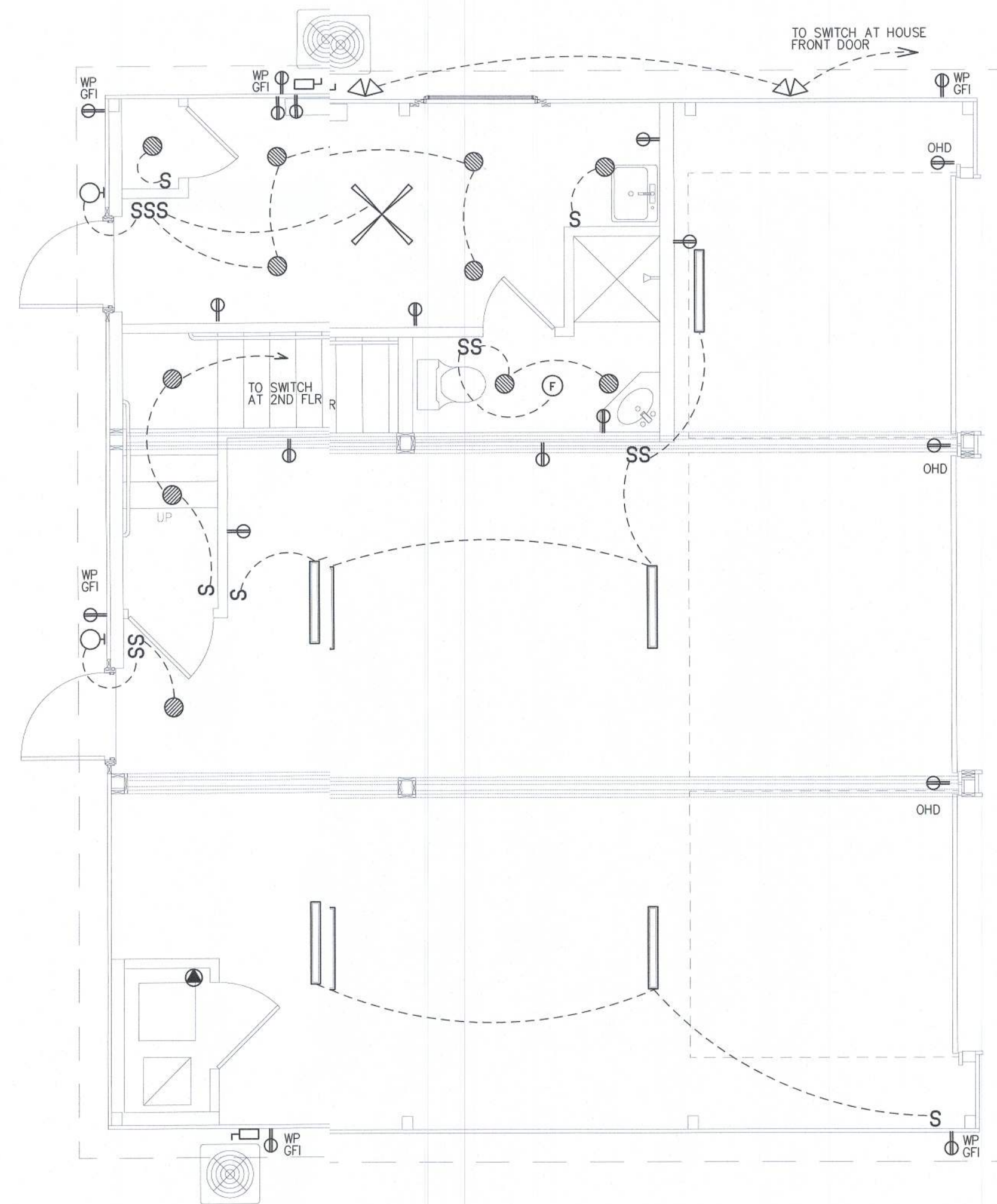






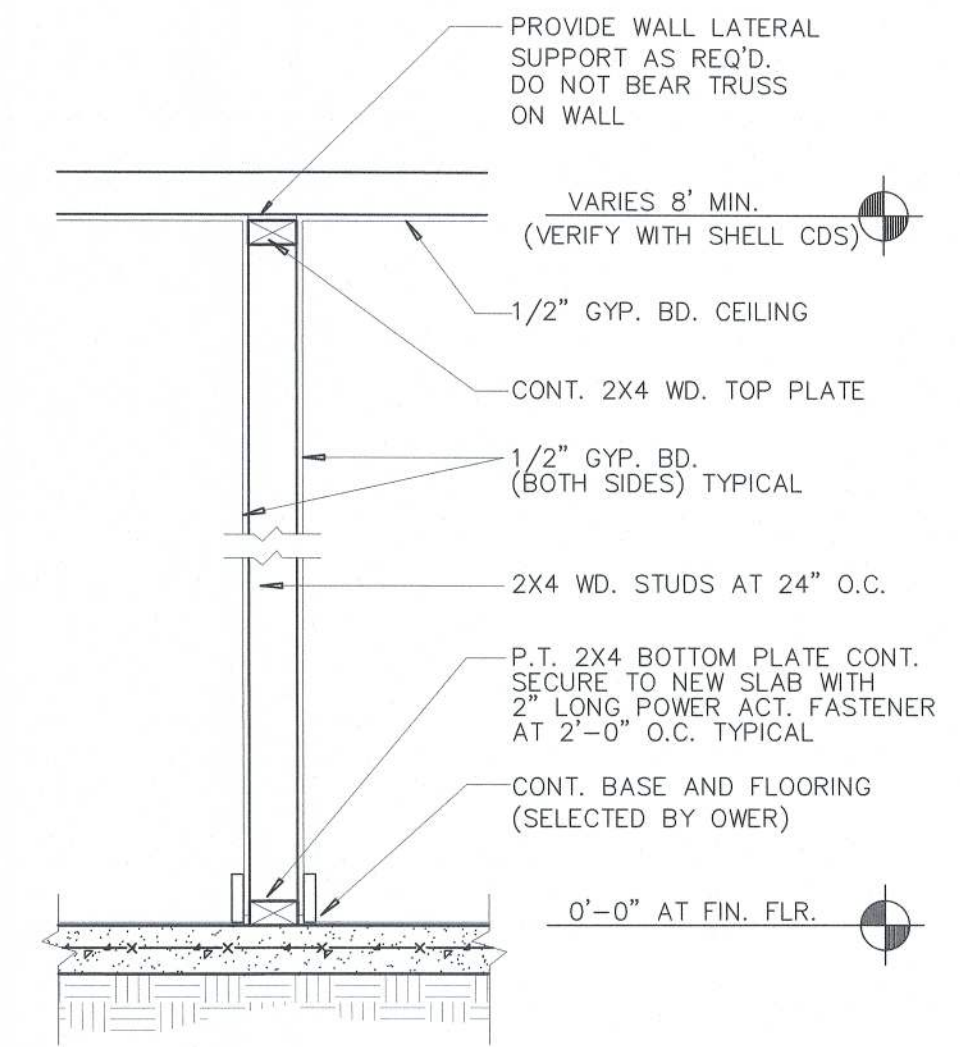
- NOTES:
1. ALL WORK SHALL IMPLY WITH FBC 2017 RESIDENTIAL 5TH EDITION CHAPTERS 34 THROUGH 43.
  2. PROVIDE GFCI OUTTS AT KITCHEN, BATHROOMS, GARAGE AND SHED.
  3. OUTLETS SUPPLYING POWER TO THE STOVE, RANGE, A/C, WATER HEAT, DRYER, AND DISH WASHER TO BE WIRED ON SEPARATE DEDICATED CIRCUITS.
  4. CONNECT ALL SMC DETECTORS TOGETHER.
  5. ALL BEDROOM OUTTS TO BE ARC FAULT OUTLETS - AFCI.
  6. ALL OUTLETS TO BE TAMPER PROOF.

ELECTRICAL LEGEND	
	DUPLEX RECEPTACLE OUTLET NUMBER DENOTES HEIGHT ABOVE FLR. OUTLETS ARE UNLESS OTHERWISE NOTED
	QUAD RECEPTACLE OUTLET
	220V OUTLET
	SPECIAL PURPOSE OUTLET
	3 PHASE CONNECTION
	PHONE OUTLET
	DUPLEX PHONE/DATA OUTLET
	CABLE TELEVISION OUTLET
	EXHAUST FAN
	SMOKE DETECTOR
	SWITCH WITH DIMMER
	ELECTRIC PANEL
	ELECTRIC METER
	ELECTRIC DISCONNECT
	ILLUMINATED EXIT SIGN WITH BATTERY BACKUP
	EMERGENCY LIGHT WITH BATTERY BACKUP
	COMBINATION ILLUMINATED EXIT SIGN AND EMERGENCY LIGHT WITH BATTERY BACKUP
	RECESSED LIGHT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE
	EXTERIOR ROUND W.P. LIGHT FIXTURE
	CEILING MOUNTED LIGHT FIXTURE/EXHAUST FAN COMBINATION
	PENDANT LIGHT FIXTURE
	HEATER - CEILING MOUNTED
	SCONCE LIGHT FIXTURE
	EXTERIOR FLOOD LIGHT WITH MOTION DETECTOR AND PHOTOCELL
	WALL MOUNTED EXHAUST FAN
	2X4 FLUORESCENT FIXTURE
	LED LIGHT STRIP
	LIGHT FIXTURE SURFACE MOUNT
	LIGHT FIXTURE - WALL MOUNTED
	WALL MOUNTED RETRACTABLE LIGHT FIXTURE
	CEILING FAN/LIGHT COMBINATION WITH 3" EXTENSION FROM CEILING
	CEILING FAN
	TRACK LIGHTING
	SPEAKER
	AFCI ARC FAULT CIRCUIT INTERRUPTER
	GFI GROUND FAULT INTERRUPTER
	WP WATER PROOF
	ALL PHONE AND DATA OUTLETS SHALL BE IN CONDUIT.



1ST FLOOR ELECTRICAL PLAN

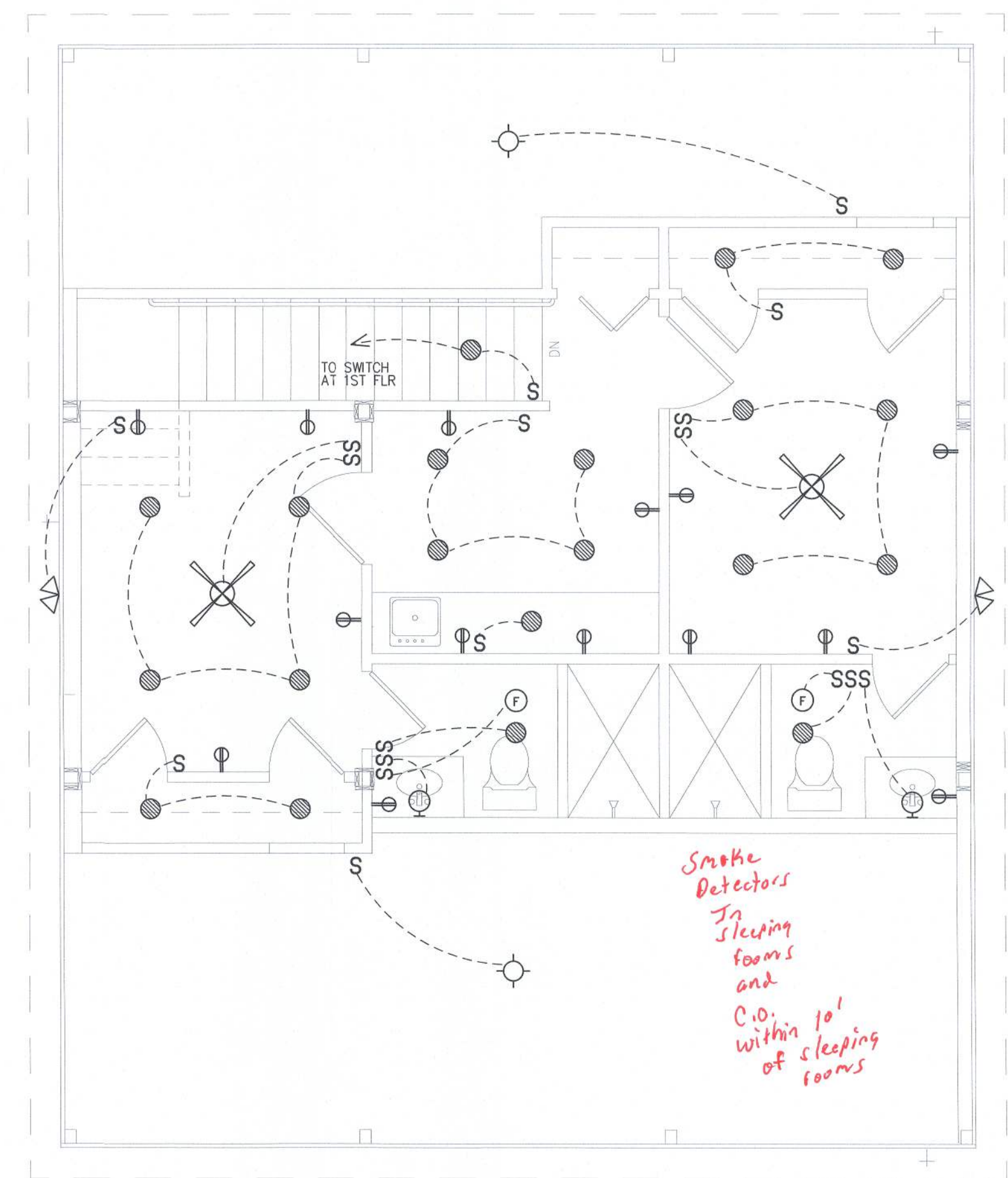
1/4"=1'-0"



TYPICAL INTERIOR NON-BEARING WALL SECTION

3/4"=1'-0"

1  
A1.0



2ND FLOOR ELECTRICAL PLAN

1/4"=1'-0"

*Joshua Shatkin*  
4/21/2021

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REVISIONS:  
PROJECT: SA-2106  
DRAWN BY: J.W.S.  
CHECKED:  
DATE: 4-13-2021