

# BOUNDARY SURVEY

LOT 41, THREE RIVER ESTATES, UNIT 1  
IN SECTION 26, TOWNSHIP 6 SOUTH, RANGE 15 EAST  
COLUMBIA COUNTY, FLORIDA

## DESCRIPTION:

Lot 41, Section 1, of 3 Rivers Estates, a subdivision of a part of Lots 1 and 4, Section 23, and a part of Lot 3, Section 26, Township 6 South, Range 15 East, Columbia County, Florida, as recorded in Plat Book 3, Page 53 on May 1, 1962, in the Official Records of Columbia County, Florida.

100' R/W

## NOTES:

- 1.) Monumentation is as shown and designated on the face of the plat.
- 2.) Boundary based on monumentation found in place, description furnished by client, prior survey and subdivision by B.G. Moore, PLS.
- 3.) Bearings projected from Southeasterly property line and based on above referenced prior survey and subdivision by B.G. Moore, PLS.
- 4.) Interior improvements, pertinent to survey, were located by field ties.
- 5.) Underground encroachments, if present, were not located with this survey.
- 6.) This survey was made without benefit of a title search. There may be additional easements, restrictions, etc. not shown hereon but found in the Public Records. Issues regarding title, land use & zoning, easements & other encumbrances are not a part of the scope of a Boundary Survey and can only be revealed with a title search.
- 7.) Date of field survey completion: August 30, 2013.

LEGEND	
CMF	CONCRETE MONUMENT FOUND
PLS	PROFESSIONAL LAND SURVEYOR
P.S.M.	PROFESSIONAL SURVEYOR & MAPPER
PP	POWER POLE
PPT	POWER POLE W/TRANSFORMER
SP	SERVICE POLE
IRC	IRON REBAR & CAP
(P)	PLAT MEASUREMENTS
NO ID	NO IDENTIFICATION
O.H.E.	OVERHEAD ELECTRIC LINE
COR.	CORNER
NE	NORTHEAST
NW	NORTHWEST
SW	SOUTHWEST
SE	SOUTHEAST
LB	LICENSED BUSINESS
(F)	FIELD MEASUREMENTS
FD	FOUND
EM	ELECTRIC METER

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA REGISTERED PROFESSIONAL SURVEYOR AND MAPPER

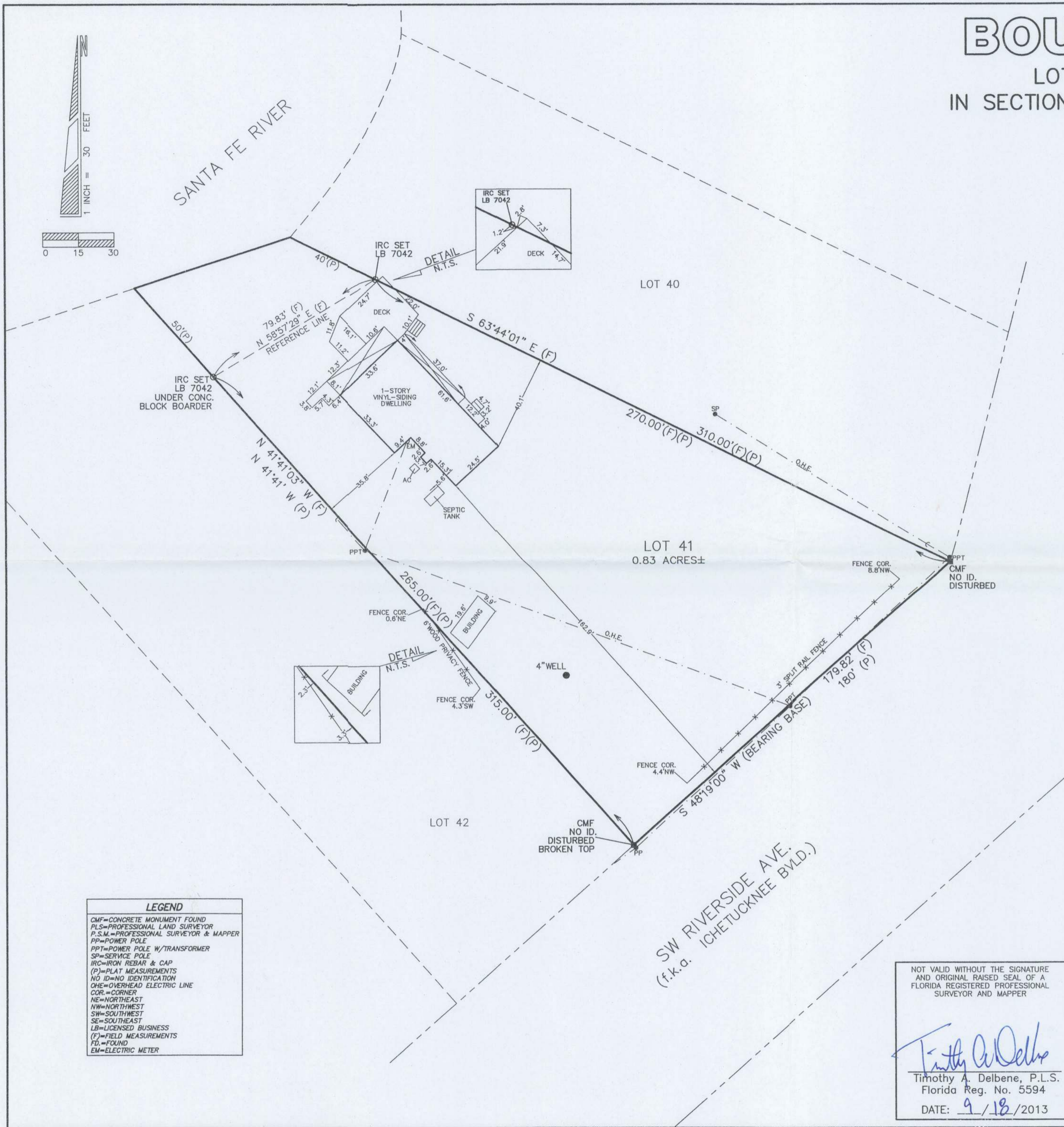
*Timothy A. Delbene*

Timothy A. Delbene, P.L.S.  
Florida Reg. No. 5594  
DATE: 9/18/2013

REVISED: 09/16/2013 IMPROVEMENTS ADDED. AVG CAD FILE: 6334.DWG

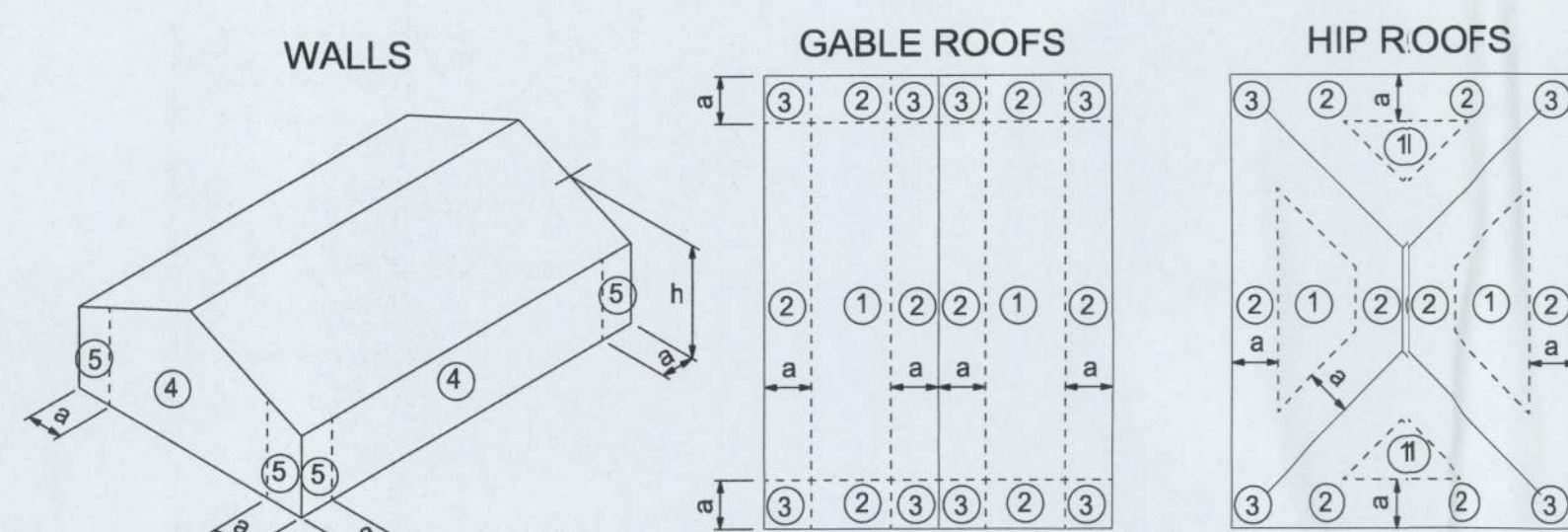
**Donald F. Lee and Associates, Inc.**  
SURVEYORS - ENGINEERS  
140 Northwest Ridgewood Avenue, Lake City, Florida 32055  
Phone: (386) 755-6166 FAX: (386) 755-6167  
Certificate of Authorization # LB 7042

Date: 09/03/2013	<b>SLK CONSTRUCTION, INC.</b>	Scale: 1"=30'
Drafting: A V G		Field Book: 13-605
Computations: A V G		Work Order: 13-6334
Checked: T A D		File: A-53-43



ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2010, WITH REVISIONS		
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:	120 MPH	
NOMINAL (BASIC) WIND SPEED:	93 MPH	
RISK CATEGORY:	II	
WIND EXPOSURE:	B	
ENCLOSURE CLASSIFICATION:	ENCLOSED	
INTERNAL PRESSURE COEFFICIENT:	0.18 +/-	
COMPONENTS AND CLADDING		
ROOFING ZONE 1:	16.0 PSF MAX.	-16.0 PSF MIN.
ROOFING ZONE 2:	16.0 PSF MAX.	-24.9 PSF MIN.
ROOFING ZONE 3:	16.0 PSF MAX.	-36.7 PSF MIN.
ROOFING AT ZONE 2 OVERHANGS:	-29.1 PSF MIN.	
ROOFING AT ZONE 3 OVERHANGS:	-48.9 PSF MIN.	
STUCCO, CLADDING, DOORS AND WINDOWS		
ZONE 4:	16.0 PSF MAX.	-16.9 PSF MIN.
ZONE 5:	16.0 PSF MAX.	-20.9 PSF MIN.
9' WIDE O/H DR.:	16.0 PSF MAX.	-16.0 PSF MIN.
16' WIDE O/H DR.:	16.0 PSF MAX.	-16.0 PSF MIN.

PROJECT LOCATION



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

<b>CODES:</b>	FLORIDA BUILDING CODE, 2010 EDITION WITH SUPPLEMENTS BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-05) SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-05) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-05) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2012 EDITION APA PLYWOOD DESIGN SPECIFICATION	
<b>LIVE LOADS:</b>	ROOF: 20 PSF (REDUCIBLE) RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED: 40 PSF BALCONIES: 40 PSF STAIRS: 40 PSF LIGHT PARTITIONS (DEAD LOAD), U.N.O.: 20 PSF	
<b>WIND LOADS: (F.B.C.):</b>	WIND LOADS BASED ON FBC, SECTION 1609 WIND VELOCITY: 120 M.P.H., USE FACTOR: 1.0	
<b>CONCRETE STRENGTH @ 28 DAYS</b>	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	
<b>REINFORCING:</b>	WELDED WIRE FABRIC SHALL CONFORM TO ALL REINFORCING BARS: ASTM A185 ALL STIRRUPS AND TIES: ASTM A615-40, 40,000 PSI ASTM A615-40, 40,000 PSI	
<b>CONCRETE MASONRY UNITS:</b>	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	
<b>STRUCTURAL STEEL:</b>	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	
<b>WOOD FRAMING:</b>	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: TAG 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.	
<b>WOOD ROOF TRUSSES:</b>	DESIGN LOADS: TOP CHORD LIVE AND DEAD LOAD: 25 PSF BOTTOM CHORD DEAD LOAD: 15 PSF TOTAL: 40 PSF	
<b>SOIL BEARING VALUE:</b>	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.	

STRUCTURAL NOTES:

- CAST IN PLACE CONCRETE**
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI. A SLUMP OF 6" PLUS OR MINUS 1", AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63
  - ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.
  - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. W/F SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6".
  - HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS.
  - HORIZONTAL FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH A 2'-0" LAP PROVIDED
  - MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.
  - CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM
- MASONRY WALL CONST.**
- 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 (fm = 1350 PSI)
  - MORTAR SHALL BE TYPE "M" OR "S", CONFORMING TO ASTM C270.
  - COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI SLUMP 8" TO 11"
  - VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
  - 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.
  - REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS
  - GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM, PLASTIC SCREEN METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW OF GROUT INTO CELLS BELOW.  
THE USE OF FELT PAPER AS A STOP IS PROHIBITED.
- FOUNDATIONS**
- SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 997 (MODIFIED PROCTOR)
- FOUNDATION INSPECTIONS**
- A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTORS USE. OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRIP STRECHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.
- WOOD CONSTRUCTION**
- WOOD CONSTRUCTION SHALL CONFORM TO THE NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" LATEST EDITION.
  - 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 SHALL BE USED REGARDLESS OF SPECIES.
  - ANY WOOD FRAME IN EXTERIOR 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 E.T.C. SHALL BE REPAIRED WITH SIMPSON HSS2 STUDS SHES, TYP. U.N.O.
- WOOD FRAMING INSPECTION**
- ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING FRAMING INSPECTION.
- UPLIFT CONNECTORS**
- 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.

PREFABRICATED WOOD TRUSSES

- ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH HURRICANE CLIPS OR ANCHORS.
- 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.
- 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.
- BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS NOTED ON THE PLANS.
- TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:
- DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TPI LATEST EDITION.
- PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES. SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, AND AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER. SUBMIT 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 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.

ABBREVIATIONS

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

GENERAL PLAN NOTES

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

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

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

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

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

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

INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
A-1	PROPOSED ROOF PLAN
A-2	SECTIONS AND FRAMING DETAILS
A-3	STRUCTURAL DETAILS



CERTIFICATE OF AUTHORIZATION  
NO. 28022  
P.O. BOX 970  
LAKE CITY, FL 32056  
PHONE: 386.754.4085



DRAWN BY:  
**TM**  
APPROVED BY:  
**BC**

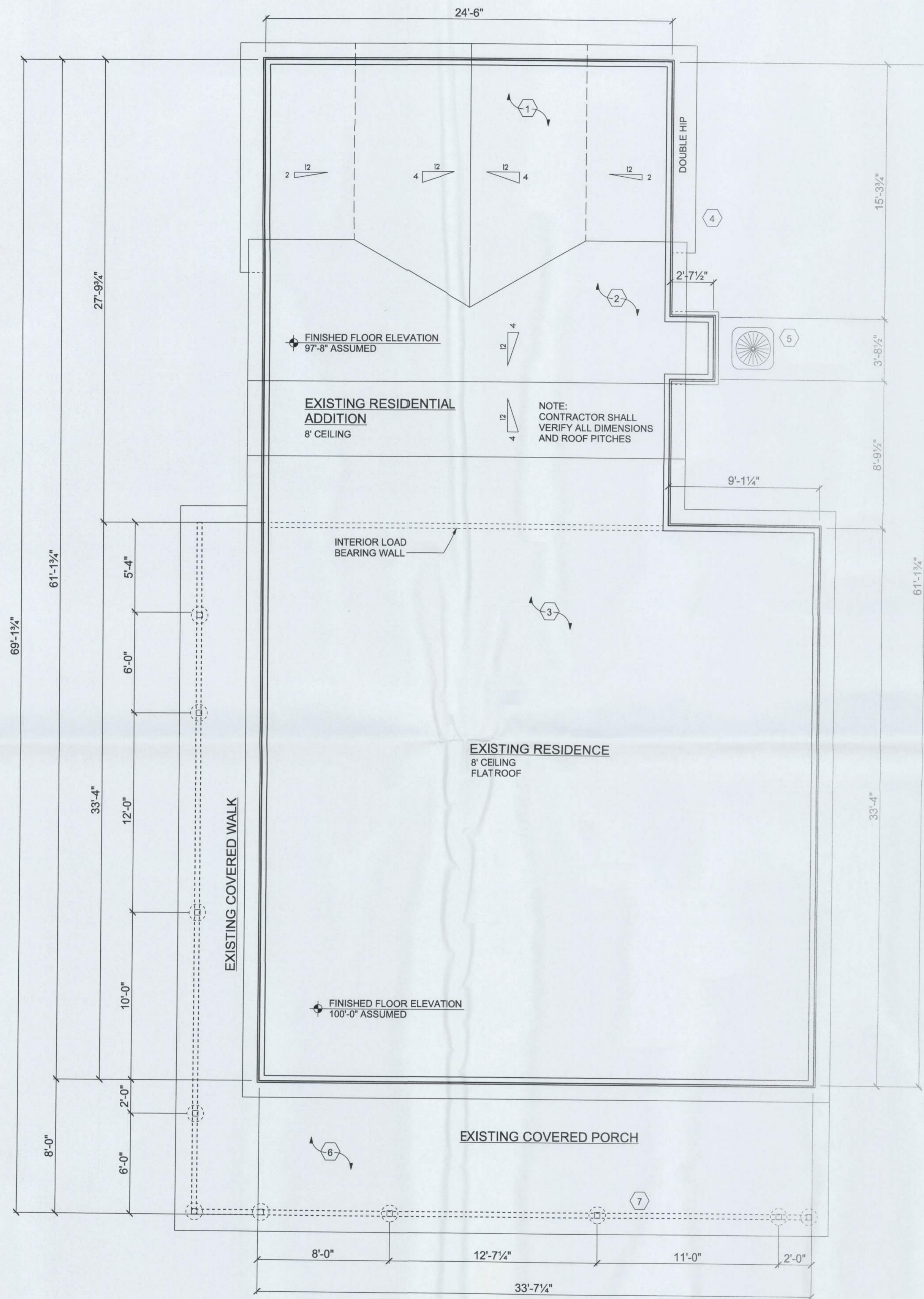
**CONNOLLY ROOF REPLACEMENT**

COVER SHEET

CES PROJECT NO.:  
**2013-056**

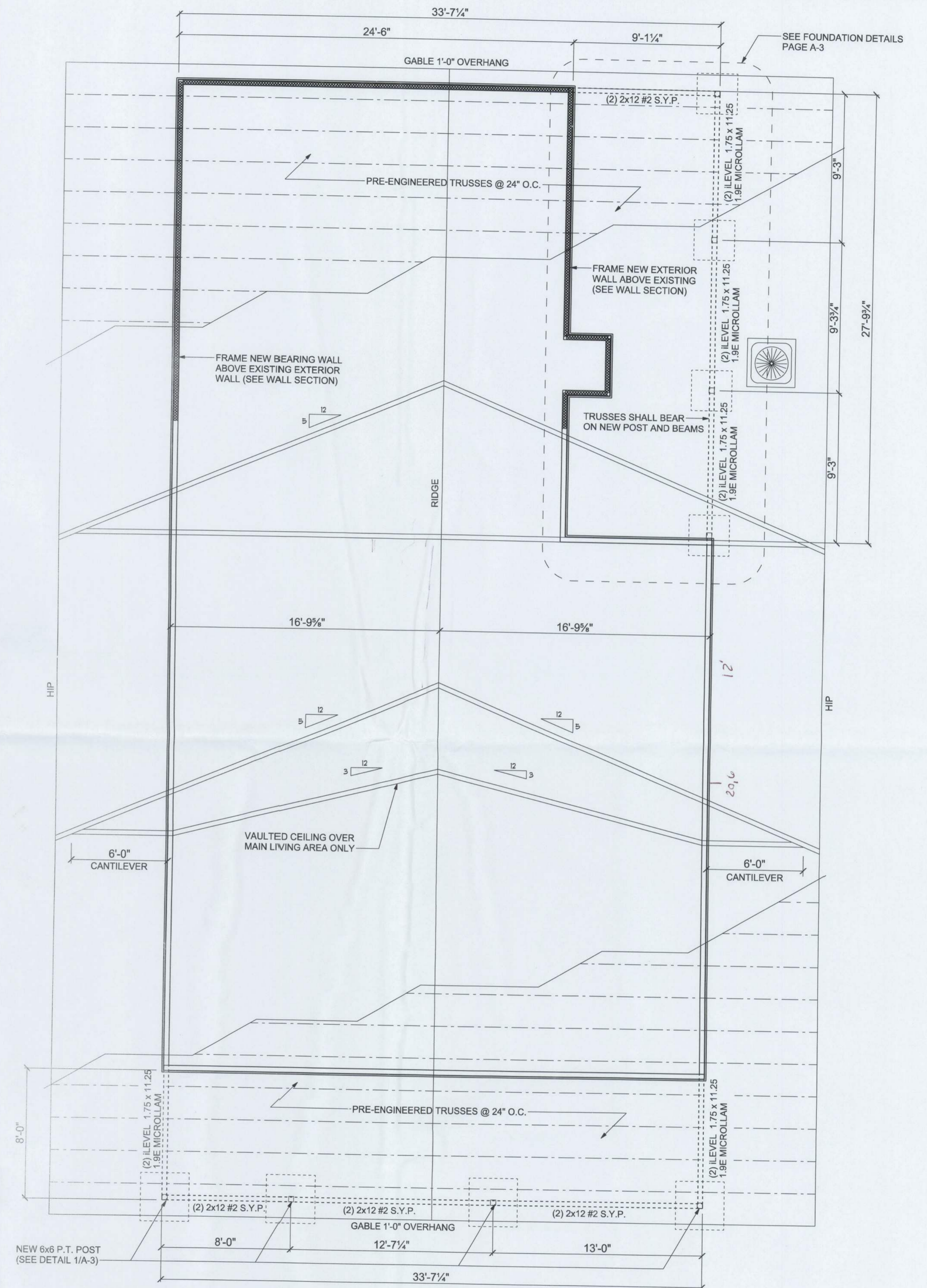
SHEET:

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



EXISTING WALL/ROOF LAYOUT  
SCALE: 1/4"=1'-0"

- 1 REMOVE EXISTING ROOF SYSTEM OVER EXISTING ADDITION
- 2 REMOVE EXISTING ROOF SYSTEM OVER EXISTING ADDITION
- 3 REMOVE ENTIRE FLAT ROOF SYSTEM INCLUDING DECKING, JOISTS, AND A.C.T.
- 4 REMOVE ANY AND ALL FASTENERS AT WALL TOP PLATES
- 5 RELOCATE CONDENSING UNIT PER PROPOSED DRAWINGS
- 6 REMOVE EXISTING AWNING-STYLE COVER OVER PORCH AND WALK
- 7 REMOVE EXISTING PORCH HEADERS AND POSTS



PROPOSED WALL/ROOF LAYOUT  
SCALE: 1/4"=1'-0"

TRUSS NOTE:  
GABLE TRUSSES SHALL BE DESIGNED SUCH THAT CONTINUOUS SUPPORT IS NOT REQUIRED AND SHALL BEAR ONLY AT HEELS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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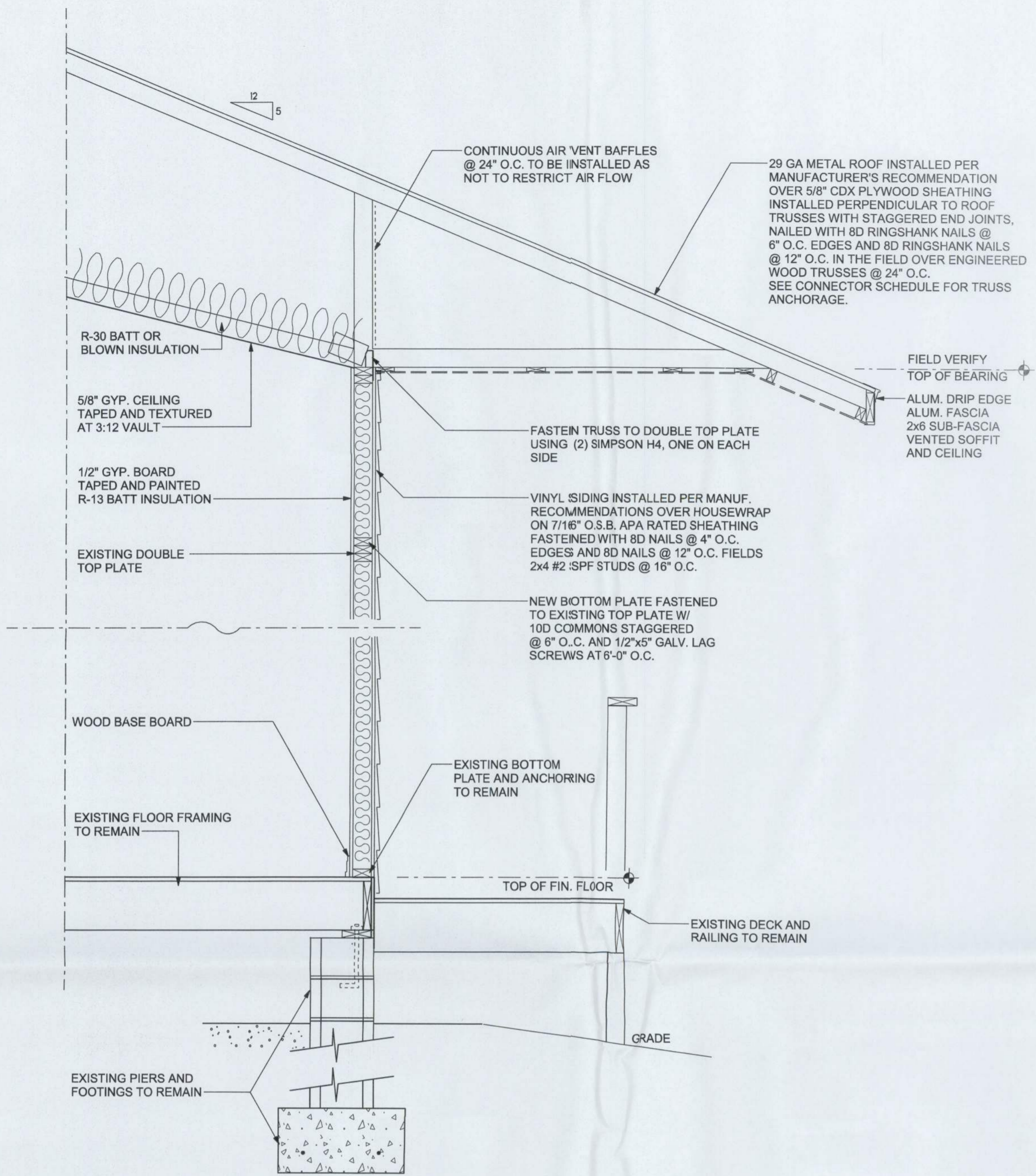
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**TM**  
APPROVED BY:  
**BC**

**CONNOLLY ROOF REPLACEMENT**

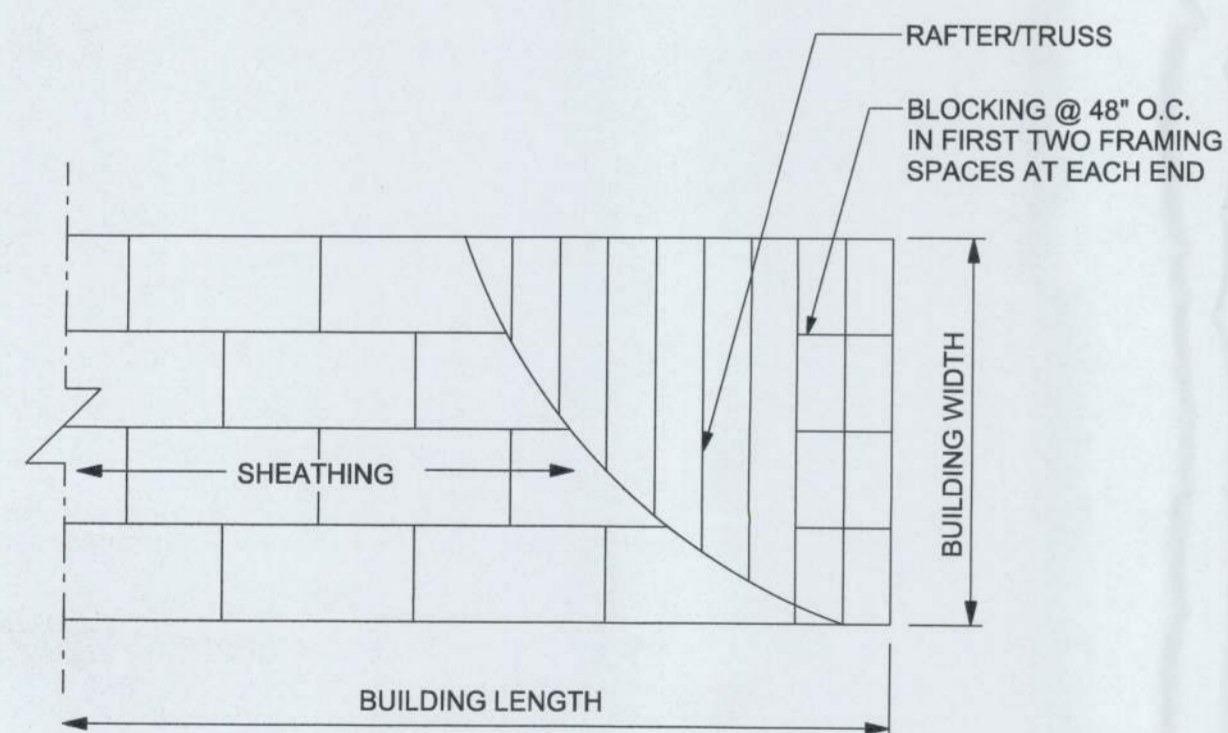
**PROPOSED ROOF PLAN**

CES PROJECT NO.:  
**2013-056**

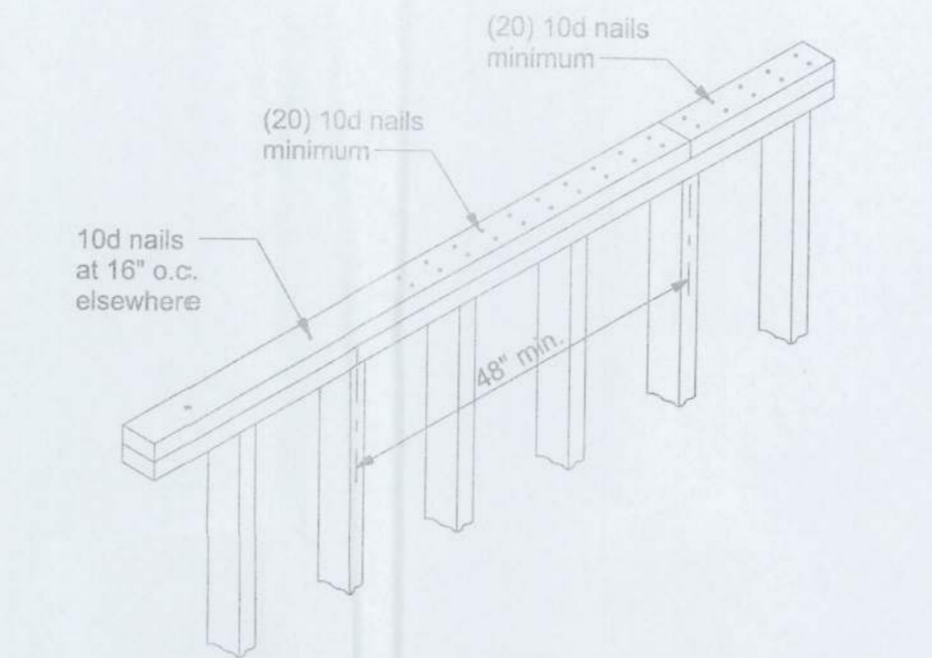
SHEET:  
**A-1**



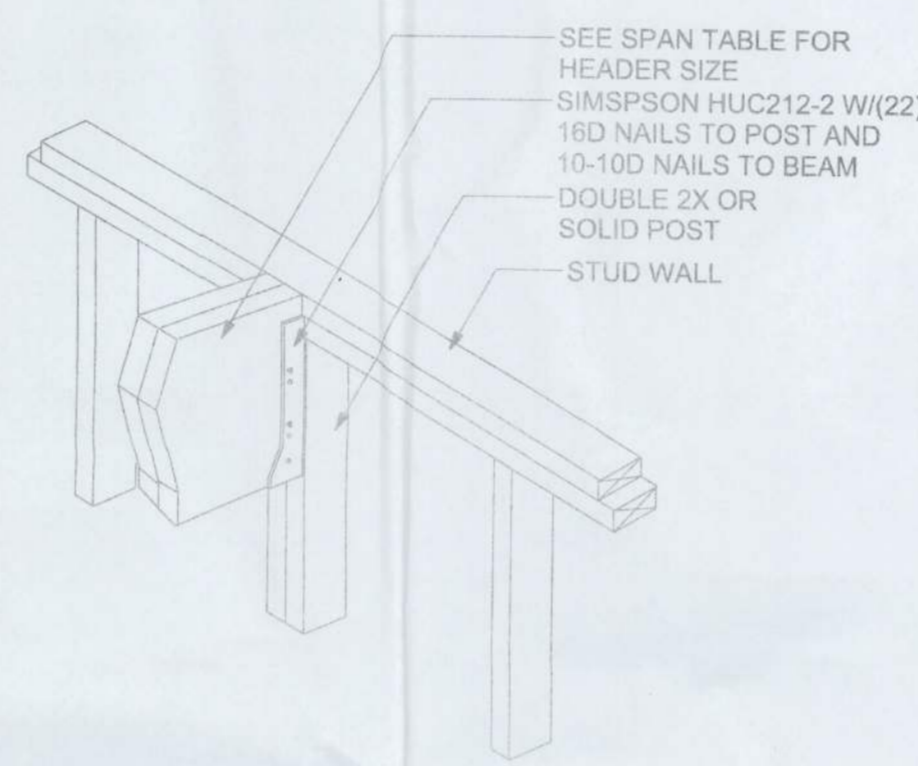
**TYPICAL WALL SECTION**  
NTS



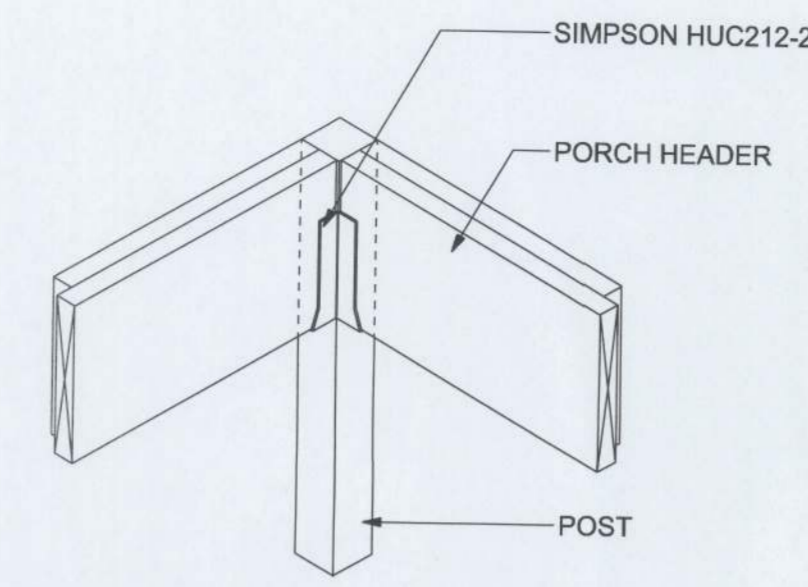
**ROOF SHEATHING LAYOUT AND ENDWALL ROOF BRACING**



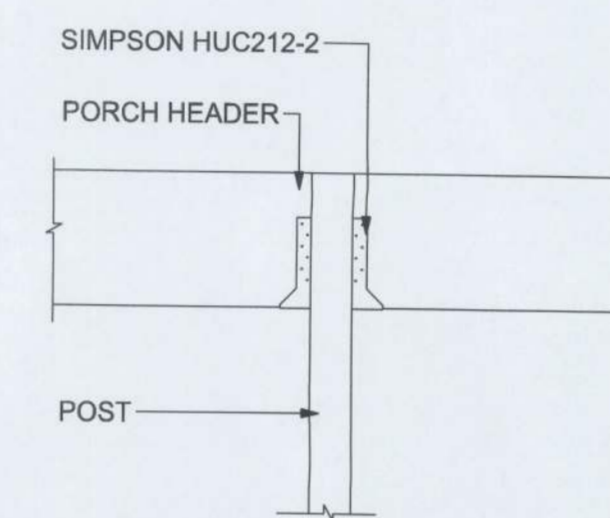
**TOP PLATE SPLICE DETAILS**  
SCALE: 1/2" = 1'-0"



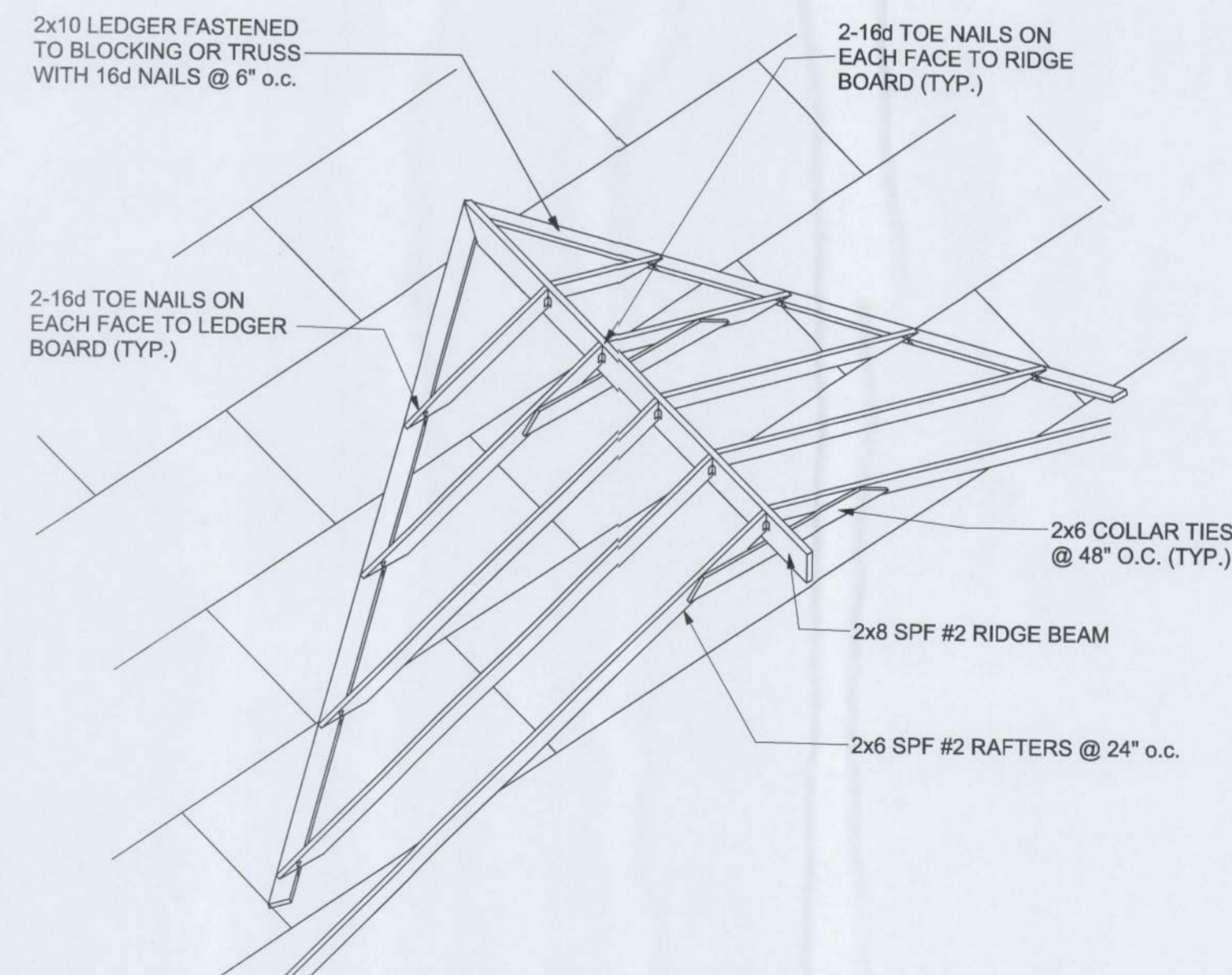
**BEAM/WALL CONNECTION**  
MAX. CAPACITY - 3970# DOWN, 1895# UPLIFT  
NTS



**CORNER POST**  
NTS



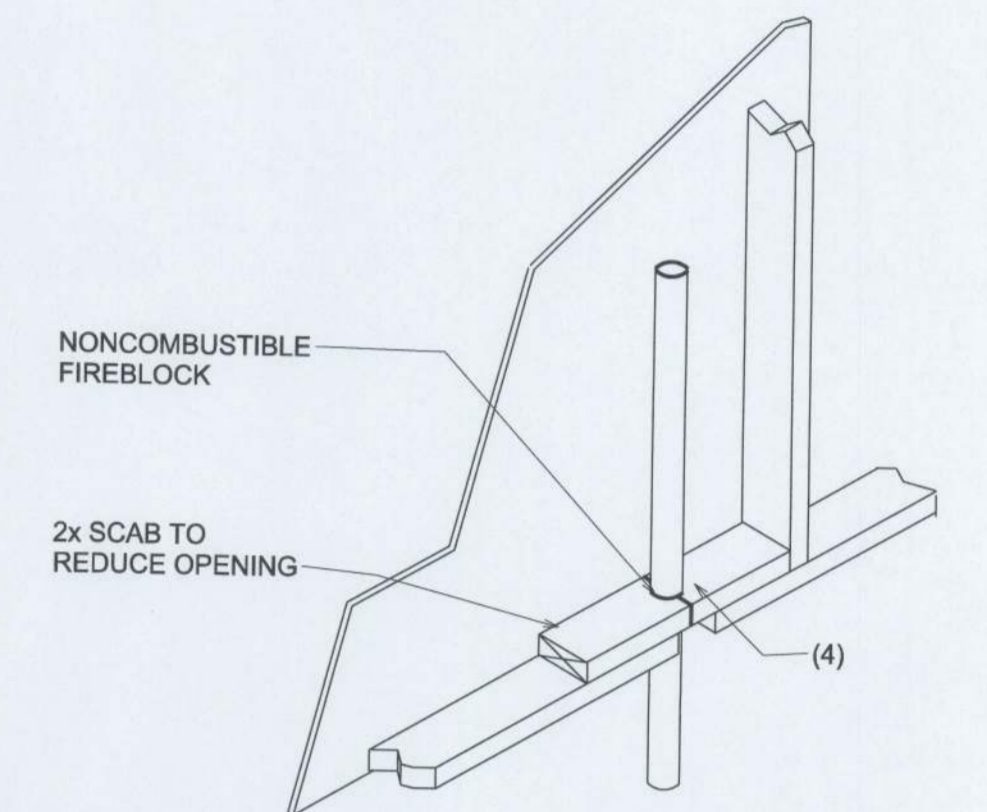
**INTERMEDIATE POST**  
NTS



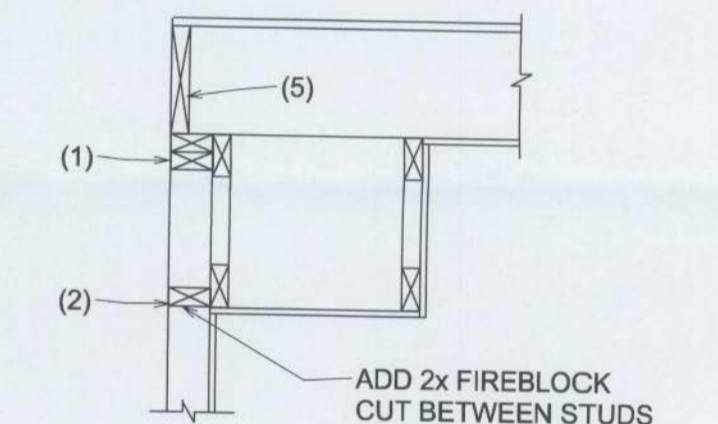
**ROOF INTERSECTION CONNECTION DETAIL**  
NTS

**FIREBLOCKING NOTES:**

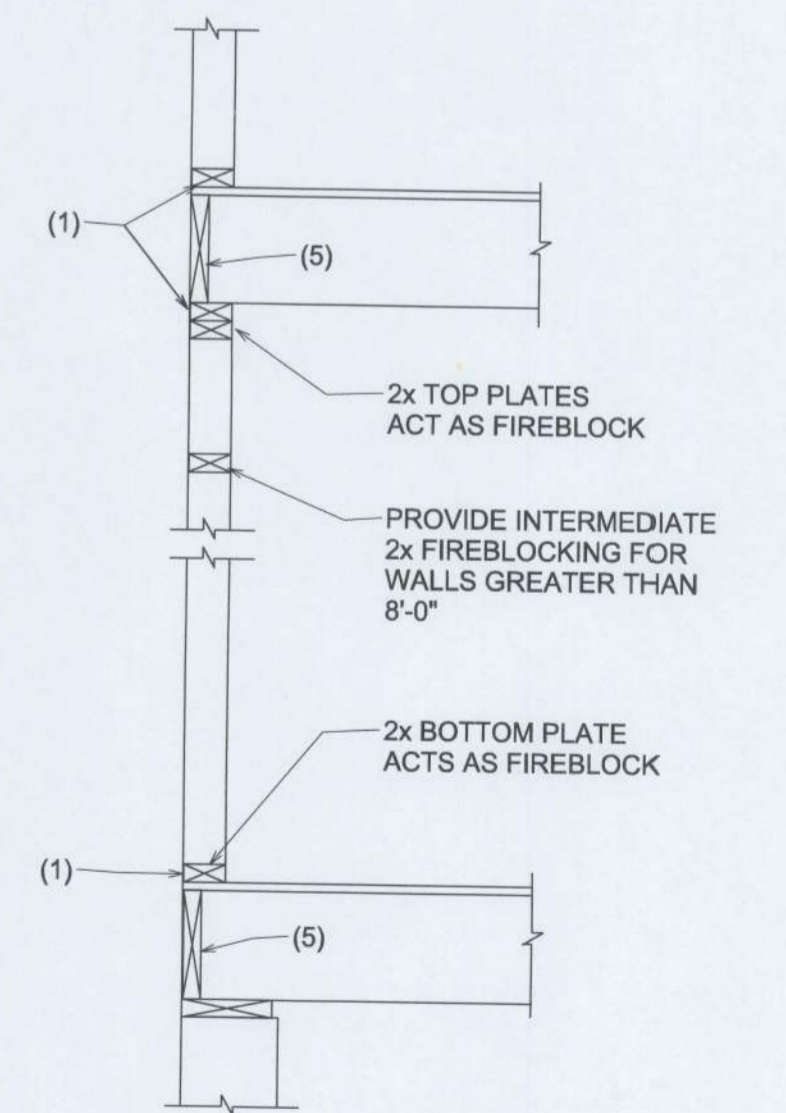
- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
  2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
  3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
  4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYRO PANEL MULTIFLEX SEALANT
  5. 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.



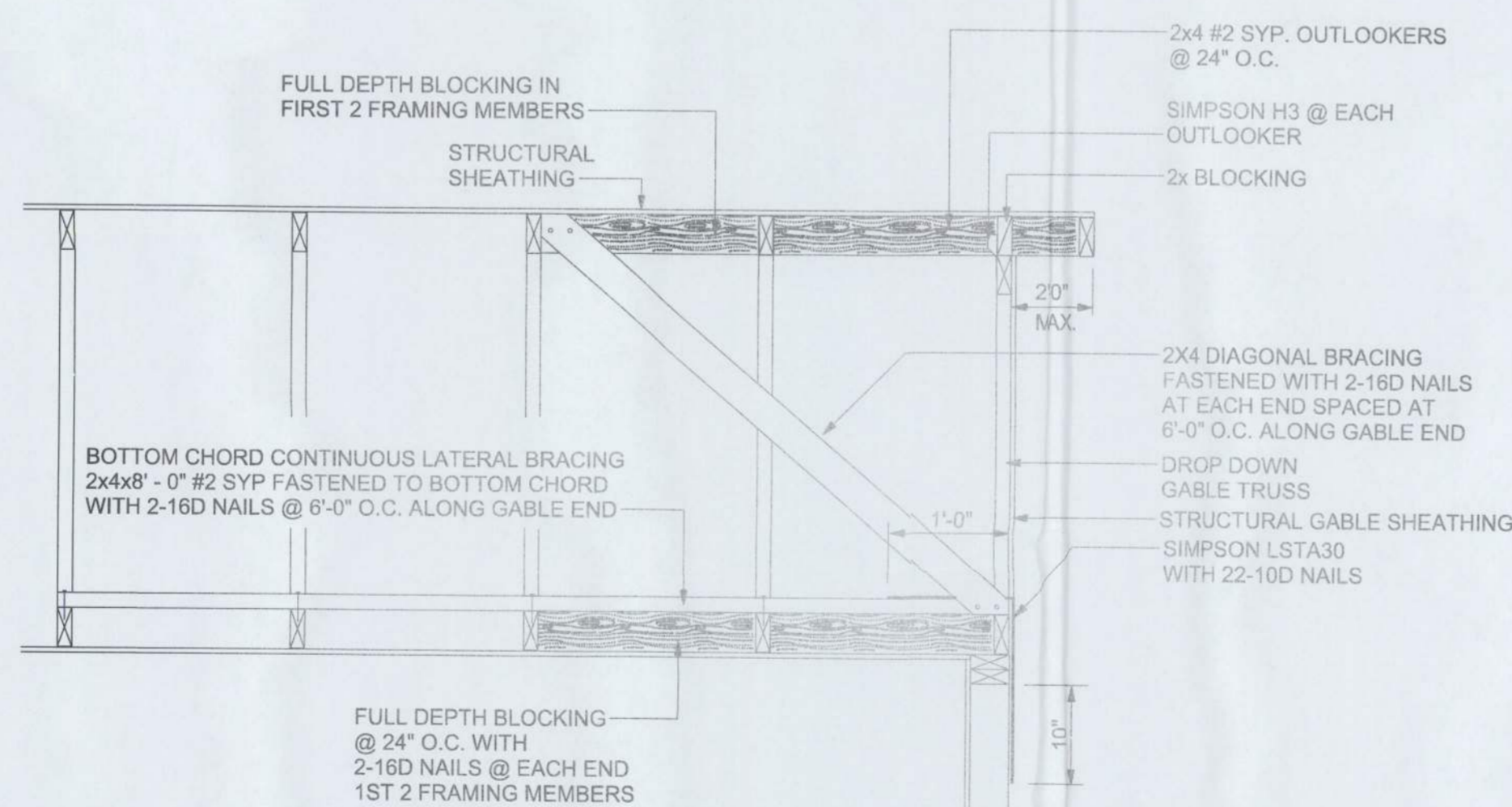
**PENETRATIONS**



**SOFFIT/DROPPED CLG.**



**PLATFORM FRAMING**



**END WALL BRACING FOR CEILING DIAPHRAGM**

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

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



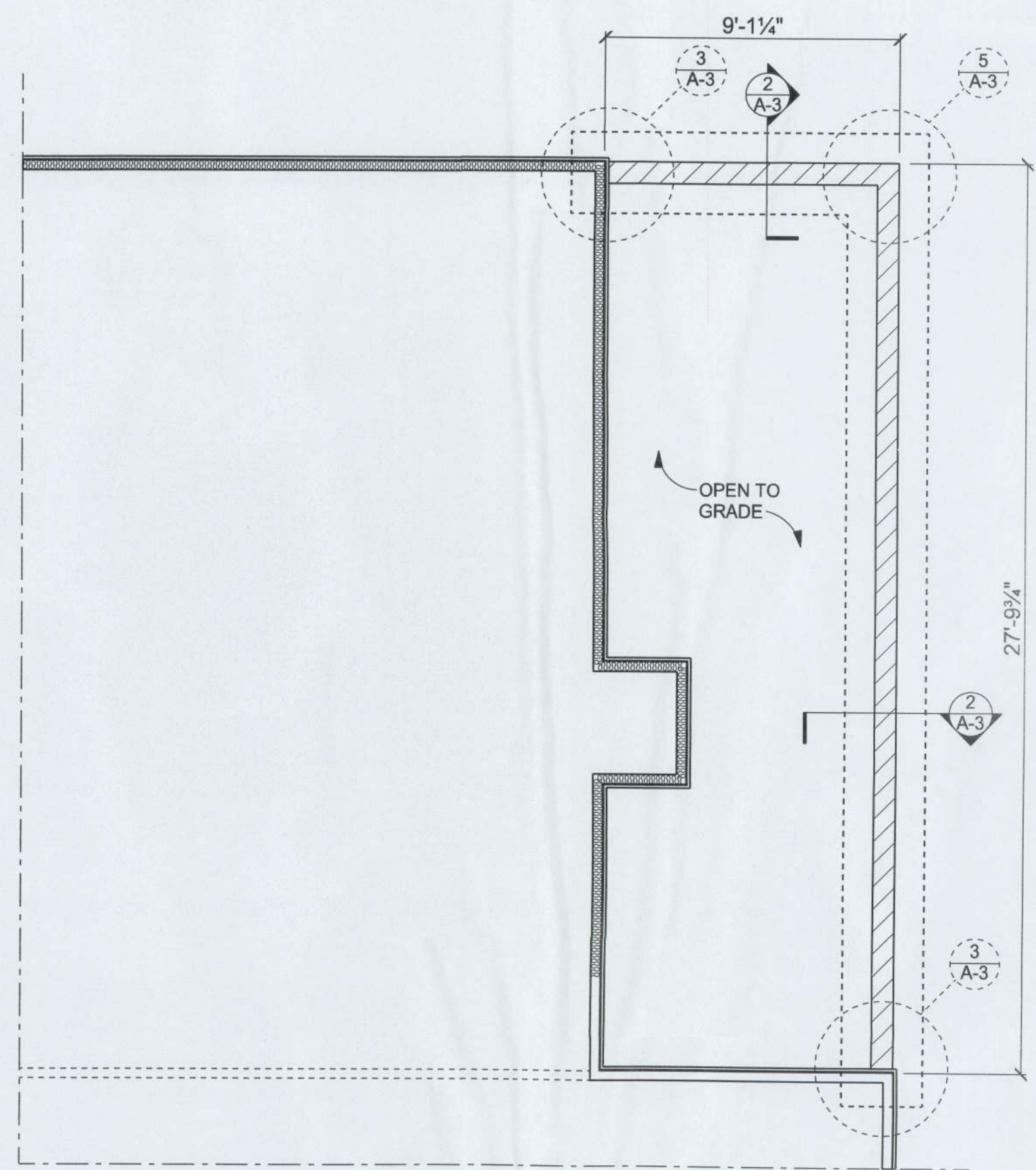
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LAKE CITY, FL 32056  
PHONE: 386.754.4085



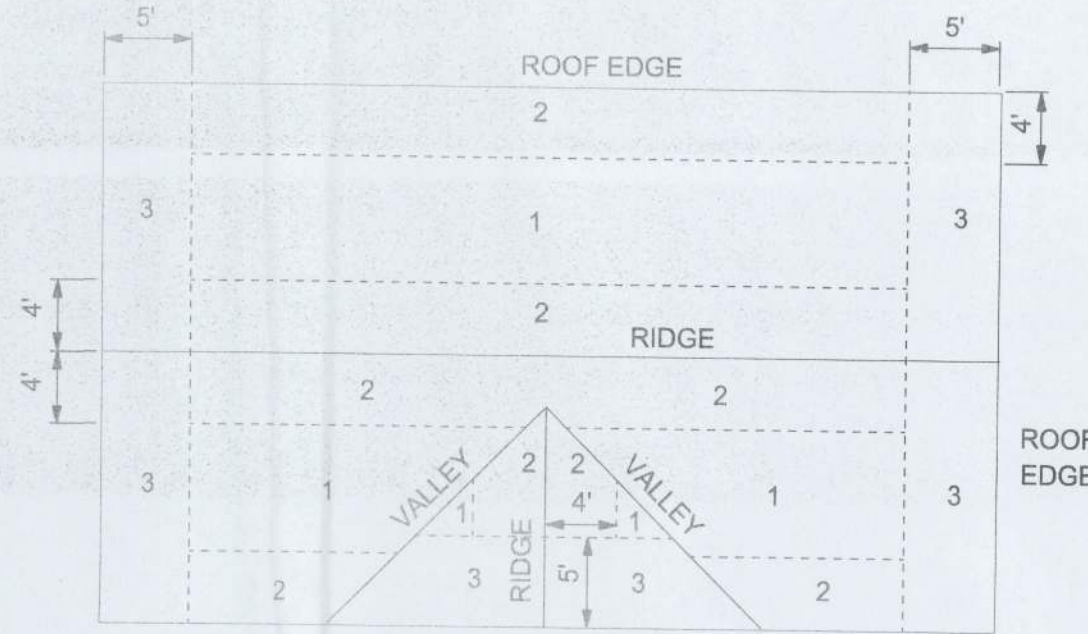
DRAWN BY:  
**TM**  
APPROVED BY:  
**BC**

**CONNOLLY ROOF REPLACEMENT**  
**SECTIONS AND FRAMING DETAILS**

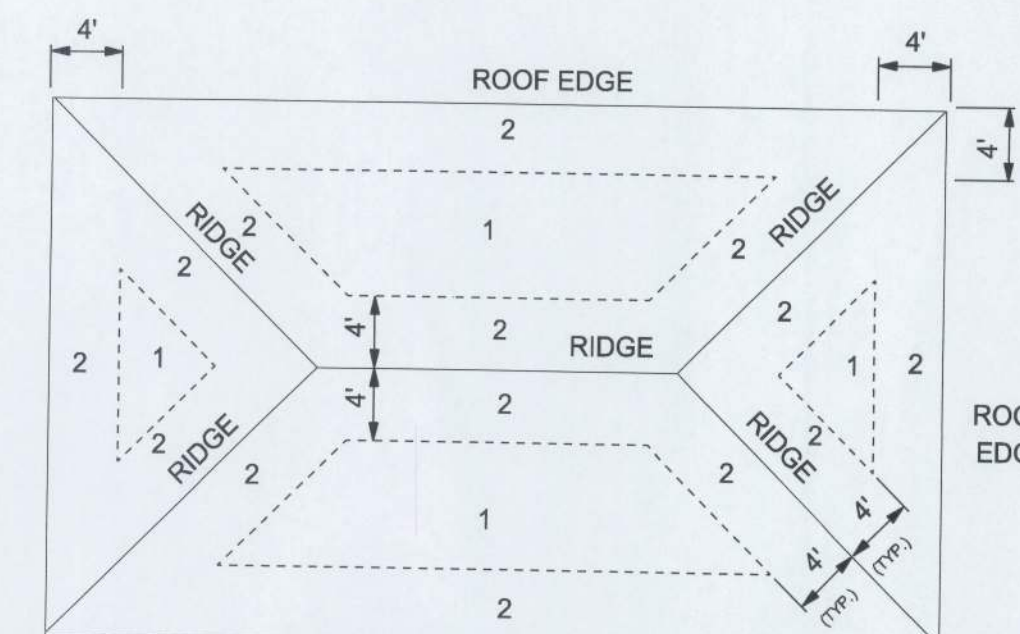
CES PROJECT NO.:  
**2013-056**  
SHEET:  
**A-2**



**FOUNDATION LAYOUT**  
SCALE: 1/4" = 1'-0"



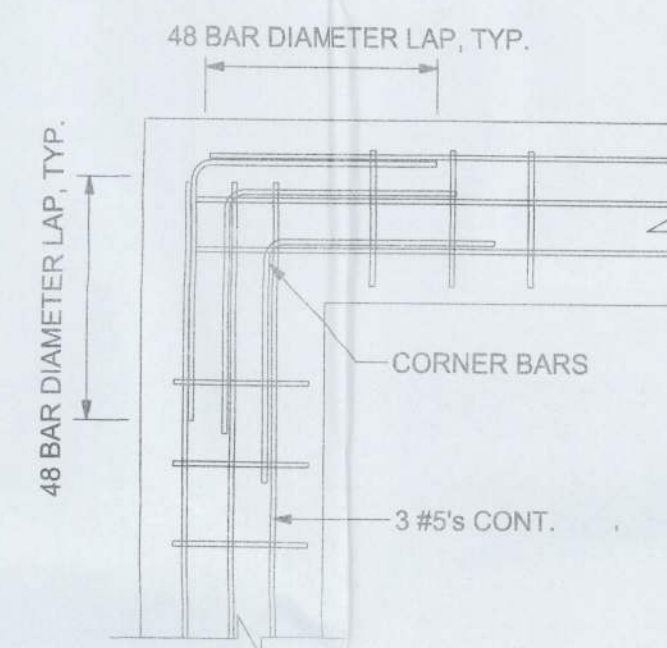
**ROOF SHEATHING NAILING ZONES (GABLE)**



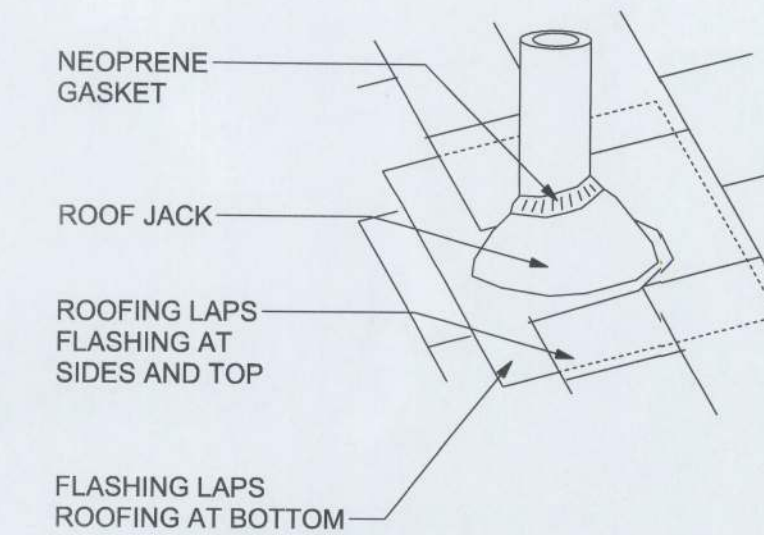
**ROOF SHEATHING NAILING ZONES (HIP)**

ROOF SHEATHING FASTENERS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6" O.C. EDGE 12" O.C. FIELD
2	5/8" CDX	8D GALV. RING SHANK NAILS	6" O.C. EDGE 6" O.C. FIELD
3			4" O.C. @ GABLE 6" O.C. EDGE 6" O.C. FIELD

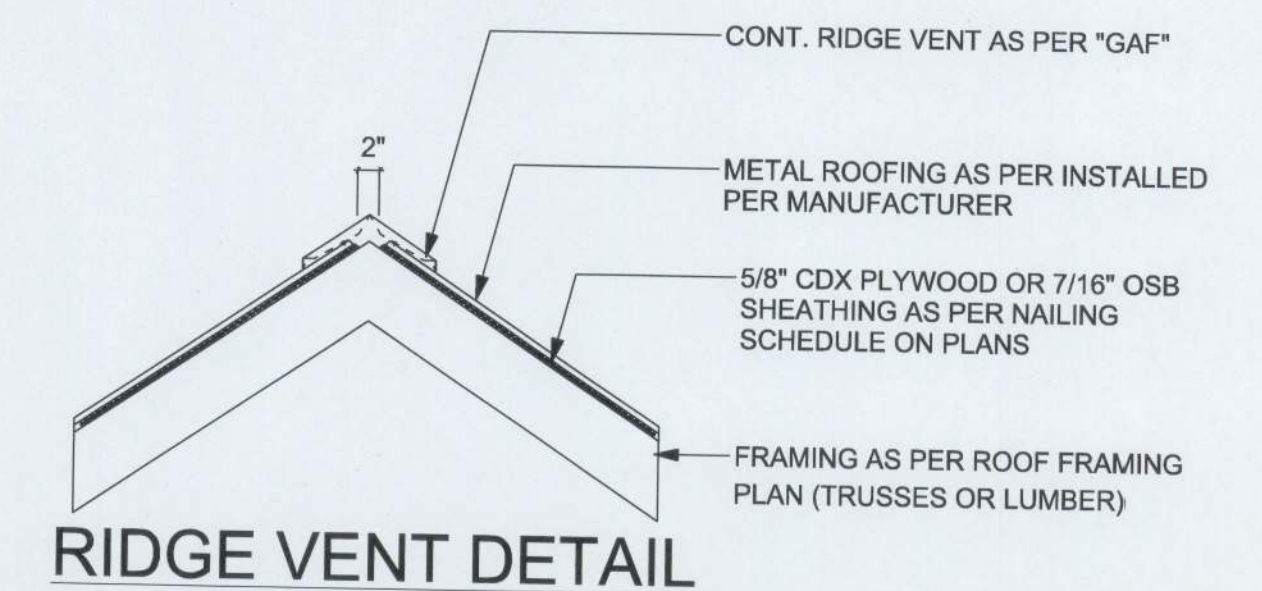
**ROOF SHEATHING FASTENING**



**5 FOOTING REINFORCEMENT AT CORNERS**  
A-3 NTS

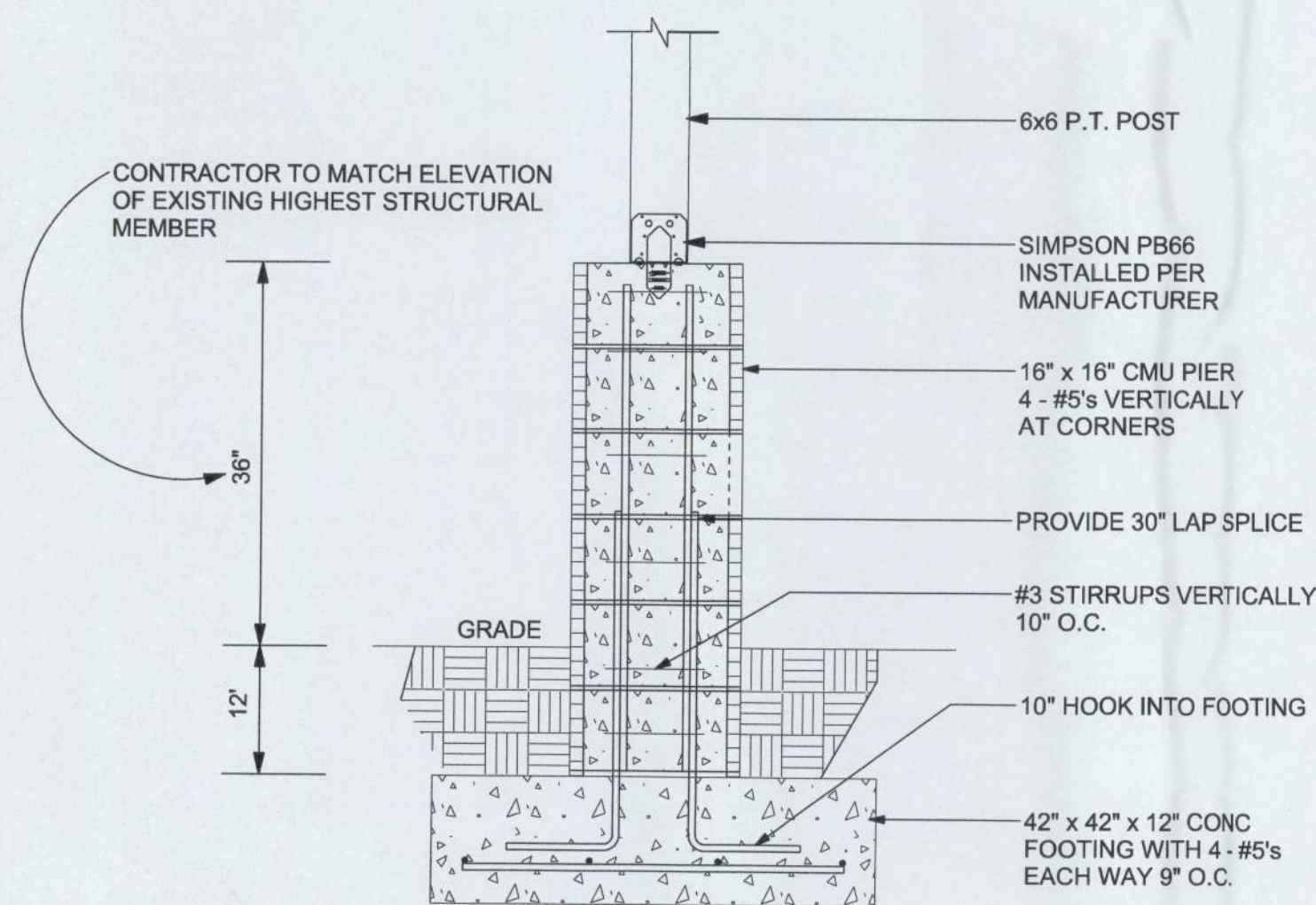


**ROOF JACKS AND VENTS**

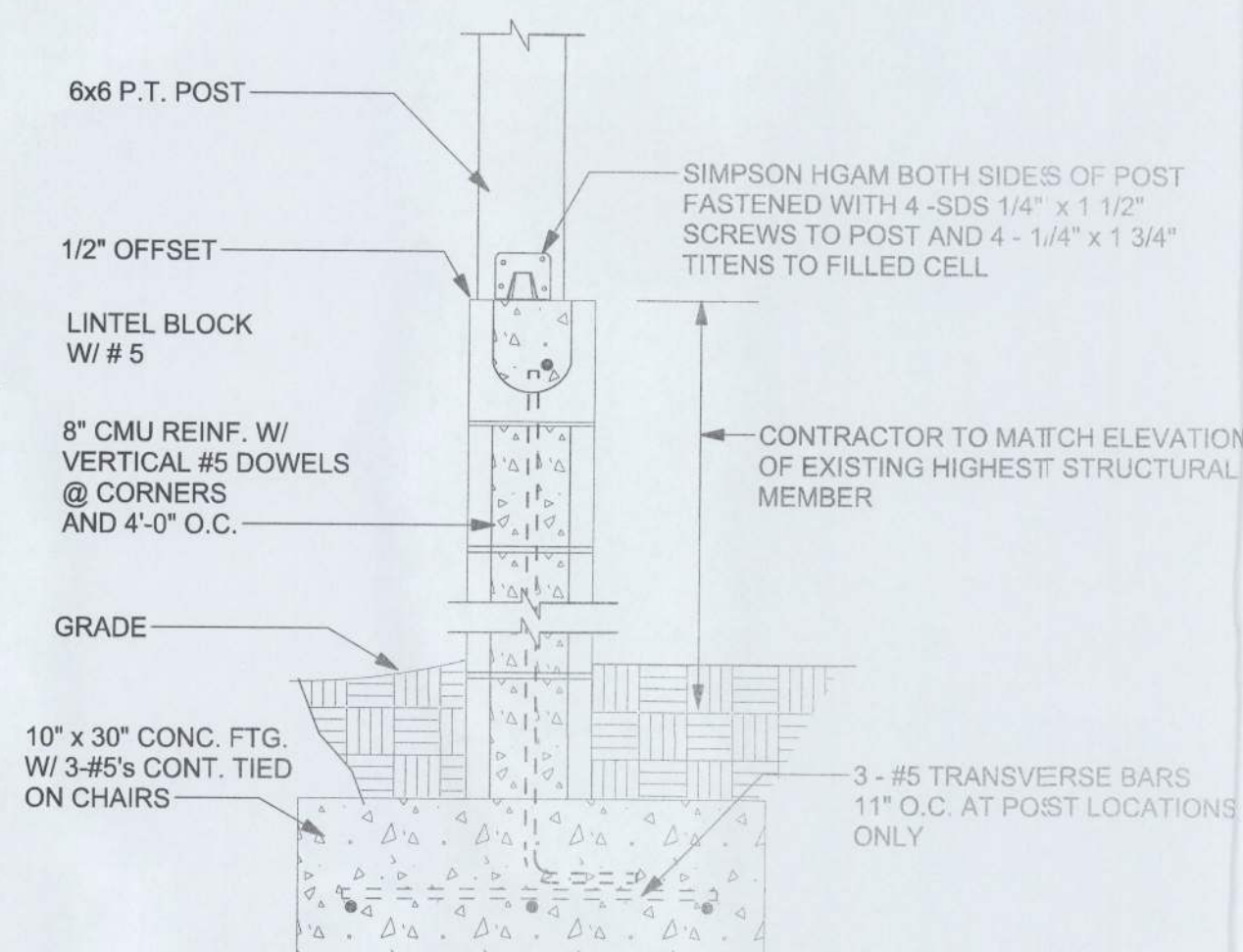


**RIDGE VENT DETAIL**

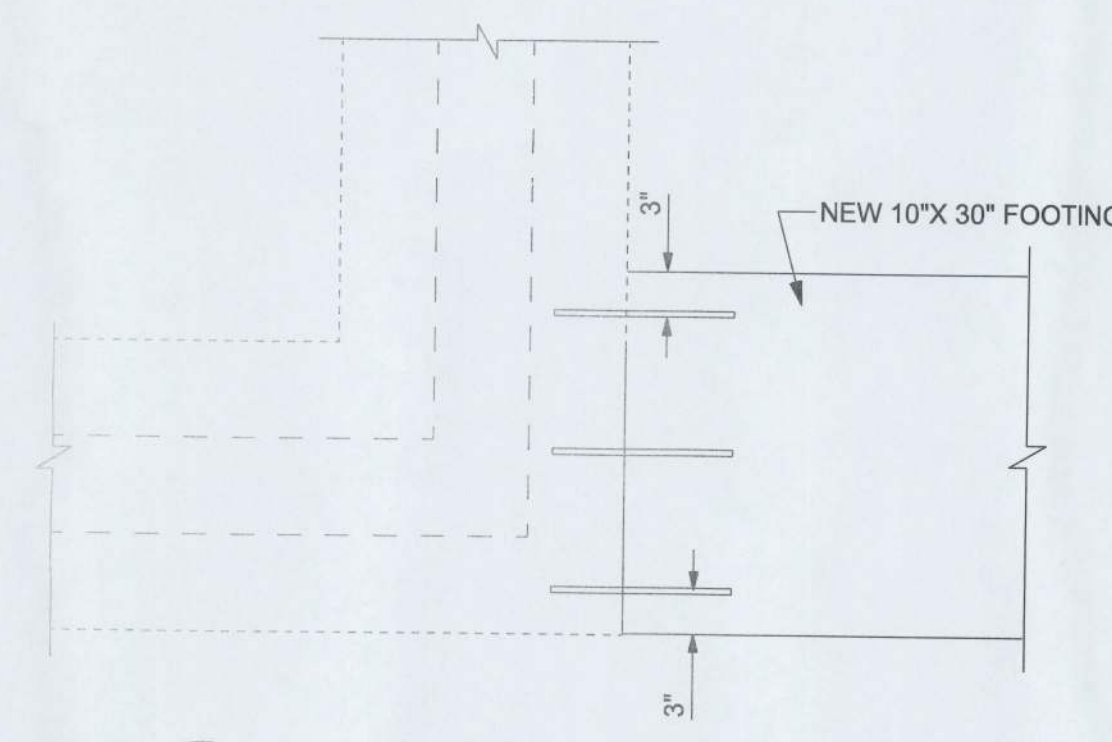
**NOTE:**  
VENTILATION SHALL BE PROVIDED TO FURNISH CROSS VENTILATION OF EACH SEPARATE ATTIC SPACE WITH WEATHER PROTECTED VENTS. ALL VENTS SHALL BE SCREENED TO PROTECT THE INTERIOR FROM INTRUSION OF BIRDS. THE RATIO OF TOTAL NET FREE VENTILATION AREA TO THE AREA OF CEILING SHALL NOT BE LESS THAN 1/150.



**1 POST DETAIL AT PORCH**  
A-3 SCALE: 3/4" = 1'-0"

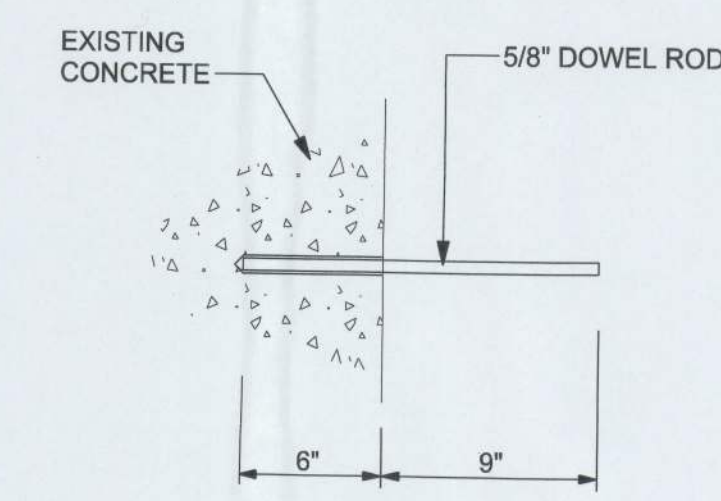


**2 STEMWALL SECTION**  
A-3 SCALE: 1" = 1'-0"

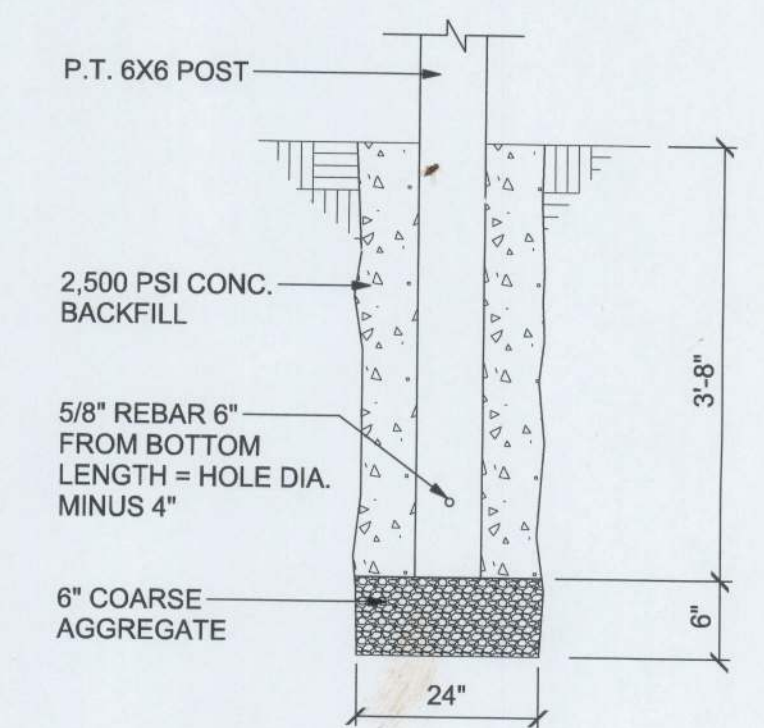


**3 NEW FOOTING TO EXISTING DETAIL**  
A-3 NTS (SEE DOWEL DETAIL)

**NOTE:**  
DRILL HOLE 1/8" LARGER THAN DOWEL DIAMETER AND 1/8" DEEPER THAN EMBEDMENT LENGTH INTO EXISTING CONCRETE AND REMOVE DUST WITH OIL FREE COMPRESSED AIR. SET DOWELS WITH EPOXY INTO HOLES AND LET REMAIN UNTIL IT SETS.



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



**4 POST DETAIL AT PORCH**  
A-3 NTS (OPTIONAL)

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



**CERTIFICATE OF AUTHORIZATION**  
NO. 28022  
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PHONE: 386.754.4085



**DRAWN BY:**  
TM  
**APPROVED BY:**  
BC

**CONNOLLY ROOF REPLACEMENT**

**STRUCTURAL DETAILS**

**CES PROJECT NO.:**  
2013-056  
**SHEET:**  
A-3