

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

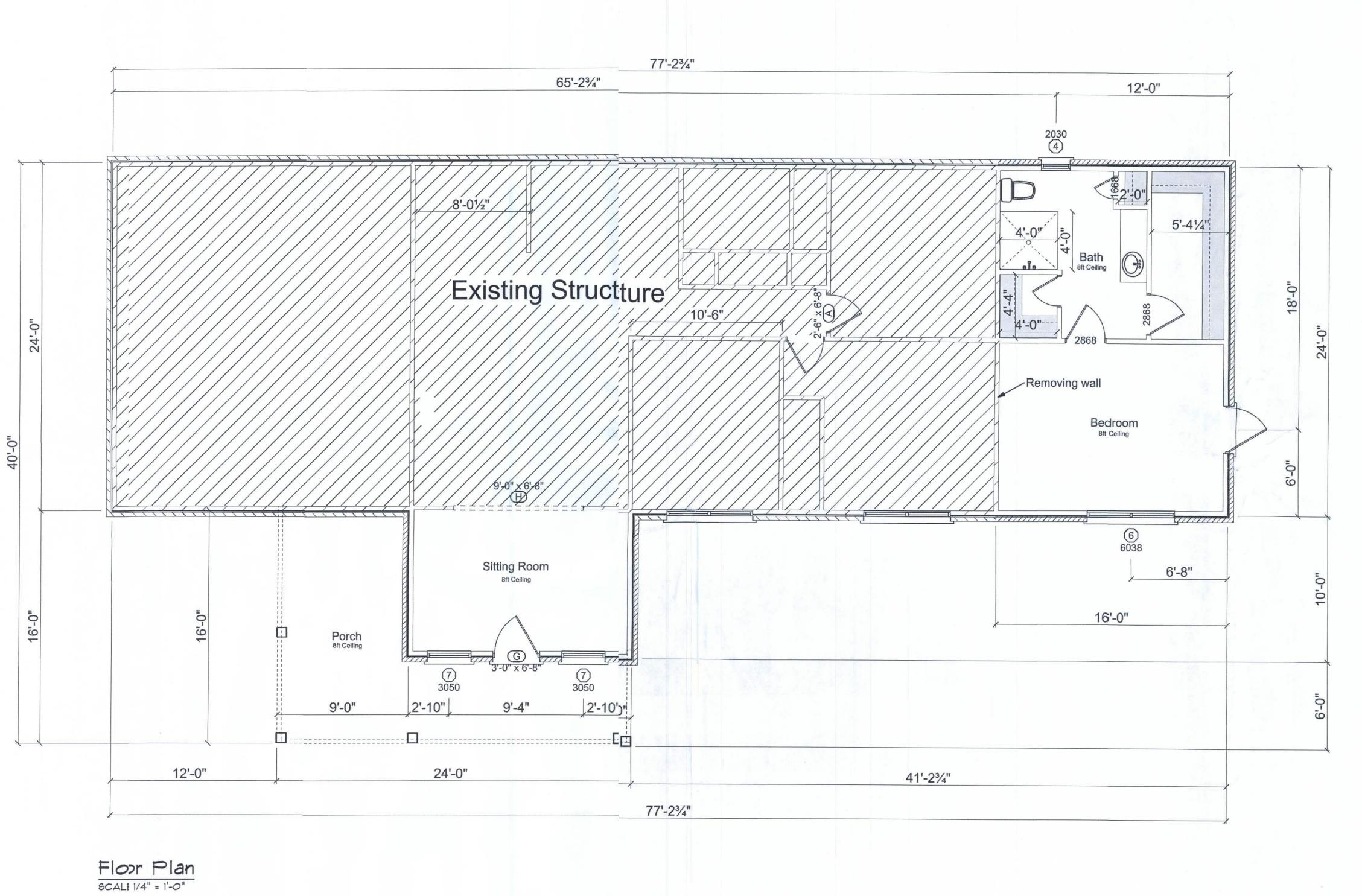
DRAWN BY:

CHECKED BY:

CHECKED BY:

SOFT PINAL DESIGN SOFTWARE

Tompkins Addition PHONE: FAX:



EXISTING AREA SCHEDULENAMEAREAConditioned Space960 sq ft.Total1658 sq ft.

ADDITION AREA SCHEDULE					
NAME	AREA				
Conditioned Space	531 sq ft				
Porch	234 sq ft				
Total	765 sq ft				

NEW TOTAL AREA SCHEDUL				
NAME	AREA			
Conditioned Space	1491 sq ft.			
Total	2423 sq ft.			

ction, LLC SCALE: 386-755-2455 DRAWN E

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Tompkins Addition PHONE:

CONCRETE / MASONRY / METALS GENERAL NOTES:

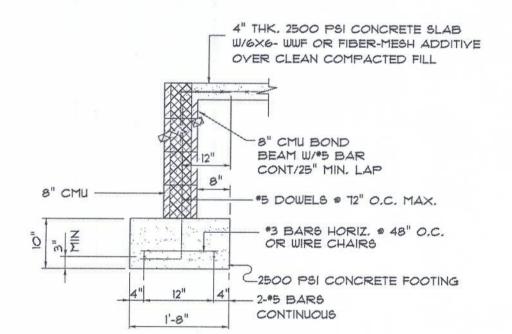
- I. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPAC-TION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT,
- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIRE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH -F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS,
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

EXTERIOR WALL SHEATHING:

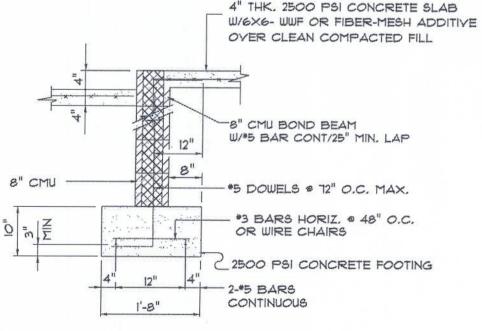
APPLY VERTICALLY, "WINDSTORM" 1/16" OSB 48" X 97", 109", 121" OR 145" SHEATHING, FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS # 3" O.C. OR 8d RING SHANK NAILS # 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d RING SHANK NAILS @ 6" O.C. OR 8d R.S. NAILS . 8" O.C.

NOTE

ADDED FILL SHALL BE APPLIED IN 8" LIFTS -EA. LIFT SHALL BE CONPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.



SECTION SCALE: NONE



SECTION B SCALE: NONE

4" SMOOTH STEELED TROWLED CONC. SLAB, W/ FIBERMESH REINFORCING, OVER 6 MIL PLASTIC SHEETING, ON CLEAN, WELL COMPACTED SAND FILL, TERMITE TREATED

LAP EDGES OF 6 MIL VAPOR BARRIER MIN. 6" -SEAL ALL JOINTS, TEARS AND PIPING PENETRATIONS WITH DUCT TAPE

2X4 P/T WOOD SILLL, CONT., ALL AROUND, W/ 1/2"~ A.B. W/ 2" SQ. X 1/4/4" PLATE WASHERS WITHIN 8" FROM EACH CORNER, EA.A. WAY, & WITHIN 8" FROM ALL WALL OPENINGS / ENDS 3 - 1/2"~ A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OLOF T" EMBEDMENT INTO THE CONCRETE. (1/2 THREADED RODD MAY BE USED IN PLACE OF ANCHOR BOLTS)

PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING LOCATION CONDITIONS PER THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF RENDERING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

ONE KING STUD UP TO

ONE JACK STUD UP TO 40" OF OP'NG WIDTH, OVER

50" OF OP'NG WIDTH, OVER

50", MIN. TWO KING STUDS

AND SHALL RECEIVE INSTRUCTIONS OR CLEARIFACATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN 6. ROOF & FLOOR TRUSS FRAMING PLANS ARE FOR GENERAL

INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING

7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNERS RECOMMENDED BUILDING PROCEDURES: CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.

8. LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.

CONSTRUCTION NOTES

2. ALL NAILING CONSTRUCTION MATERIALS SHALL

H.Y.A.C. EQUIPMENT, WOOD BURNING STOVES, AND

BE AS PER 2020 FBC - SEE A.6

EXTERIOR AS REQUIRED.

9. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS

40", MIN. TWO JACK STUDS Existing Strructure 5'-81/4" /9'-0" x 6'-8"/ (5) 6038 16'-0" A A.6 4x4 SYP P/T WD. POSTS ANC. W/ "SIMPSON" ABU44 TYP. 4 LOCATIONS PROVIDE A 10"X20" CONT., CONCRETE FOOTING W/ 2 *5 REBAR, BOTTOM & WIRE CHAIRS # 48" O.C. - UNDER ALL PORCH PERIMETER -OR SEE OPTIONAL MONOLITHIC DETAIL 9'-0" 15'-0" 12'-0" 24'-0" 25'-23/4" 16'-0" -oundation CALE: 1/4" = 1'-0"

4" THK. 2500 PSI CCORETE SLAB P.T. MUDSILL / SOLE PLATE W/6X6- WWF OR FIBEMESH ADDITIVE OVER CLEAN COMPATED FILL SLOPE FIN. GRADE OMPACTED FILL -AWAY FROM BUILDING 6 MILPOLYETHYLENE CICRETE RATED REINFORCING STEEL MOTURE BARRIER -- 2- *5 BARS MIN. 25" LAP CONTINUOUS OPTIONAL MNOLITHIC ON WIRE CHAIRS

FORMING DEAIL

THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2020 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

SHEAR WALL SEGMENTS, SEE A.6 (ALL EXT. WALLS, LESS DOOR OPENINGS)

PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER AND I COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE

H.Y.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

26 SEP 2016 I. FIELD YERIFY ALL DIMENSIONS AND MATERIALS, ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION. 3 3. PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED Copyright 2015 (C) N.P. Gelsler, Architect 4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO DRAWN: 5. CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS Celebrating 49 Years of Service 1972 - 2021 N.P. Geisler, Architect DATE: SHEET:

AR0001005

REVISION:

CAP. MANUF'R/MODEL 750* SIMPSON H2.5a SIMPSON LGT, W/ 28 - 16d NAILS 1785* 1370* SIMPSON ST22 1065* SIMPSON SP2 SIMPSON SPI 1700* BOLT THRU W/ 2-5/8 BOLTS 2300* SIMPSON ABU66 315*/240* SIMPSON A34

MISC. JOINTS

ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT *97-0107.05, *96-1126.11, *99-0623.04 5BCCI NER-443, NER-393

WOOD STRUCTURAL NOTES

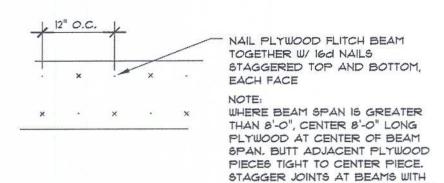
- I. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO ENGAGED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-LINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME, TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- 3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
- 4. CONNECTORS FOR WOOD FRAMING SHALL BE GALYANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CON-NECTIONS.

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND IT'S CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, 4 TRUSS TO TRUSS CONNECTIONS.
- 2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- 3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIRMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS, THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

ALL UPLIFT CONNECTORS SHALL BE FIELD ADJUSTED TO MATCH OR EXCEED THE DEVELOPED LOADS PER ENGINEERED TRUSS



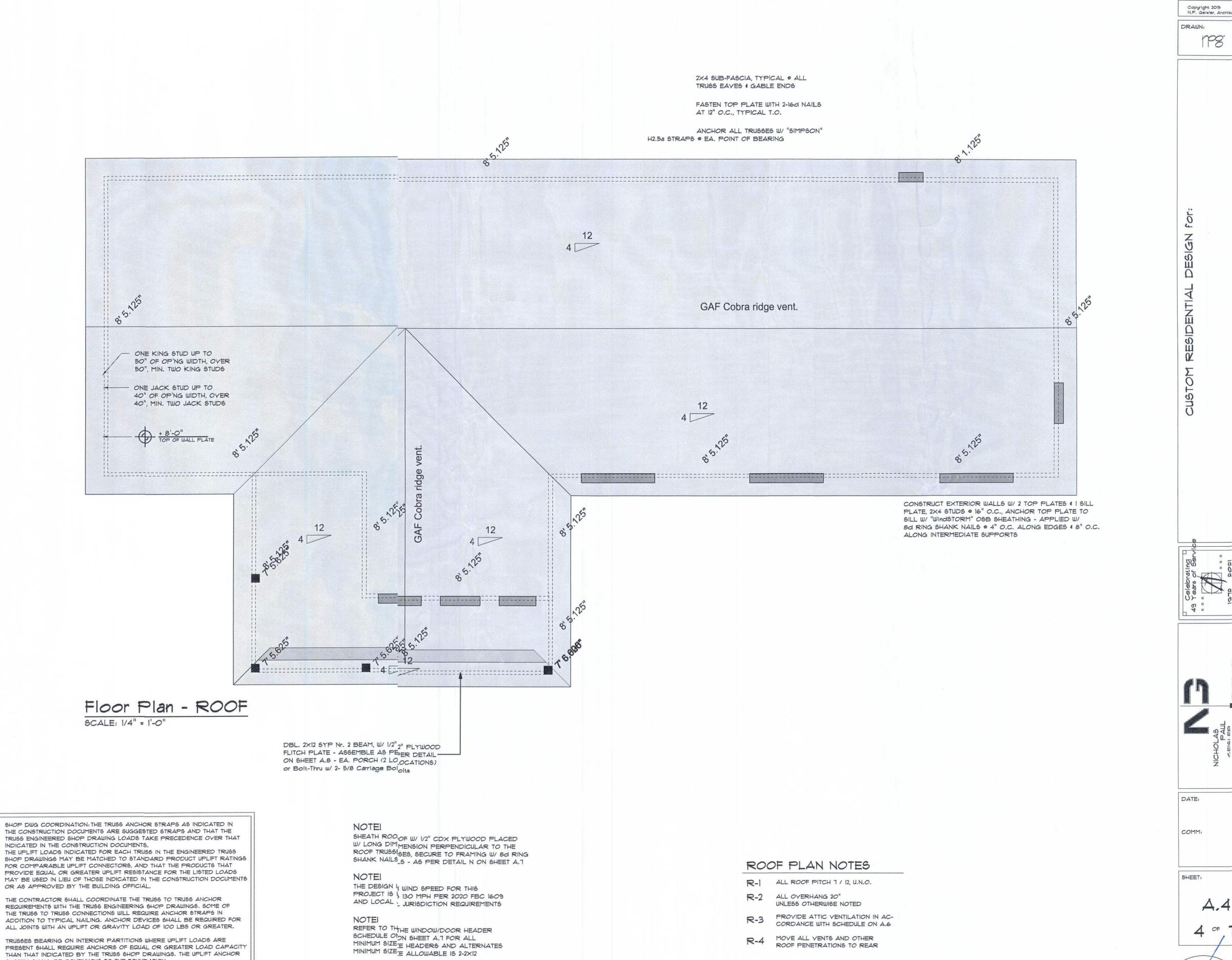
B/U Beam DETAILS

SCALE: NONE

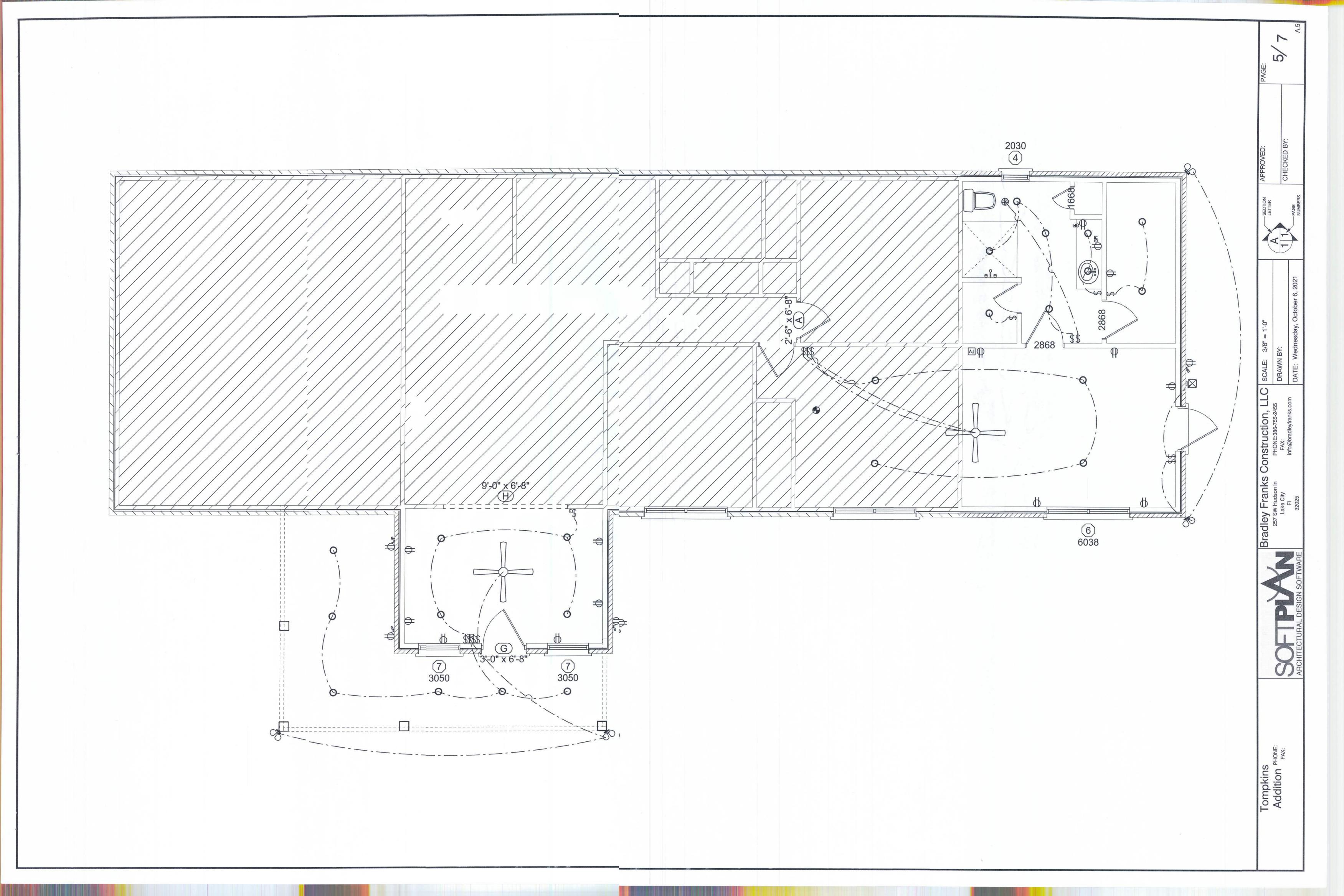


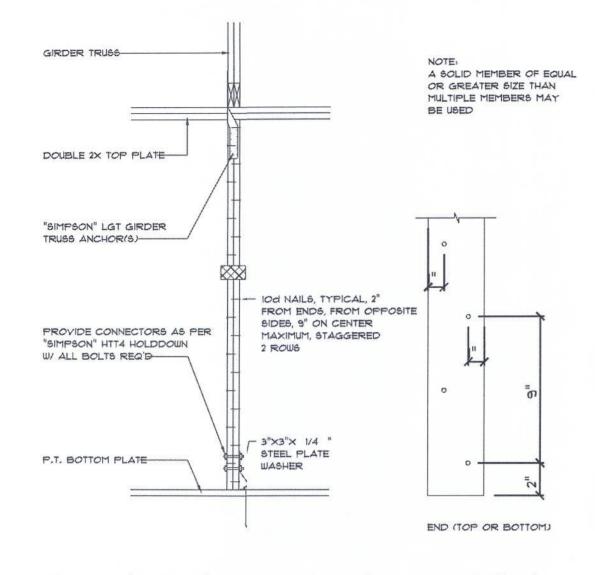
SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

MORE THAN ONE PLYWOOD PLATE.



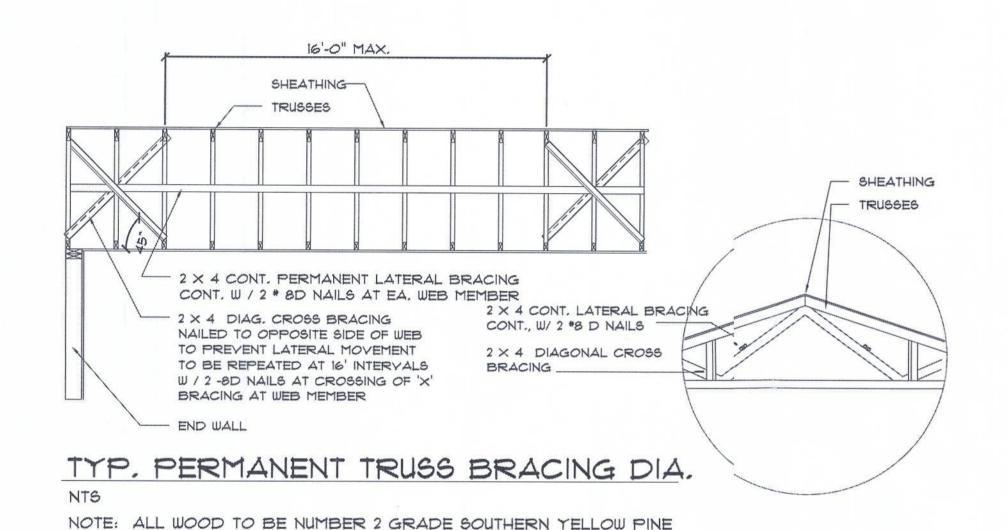
REVISION:





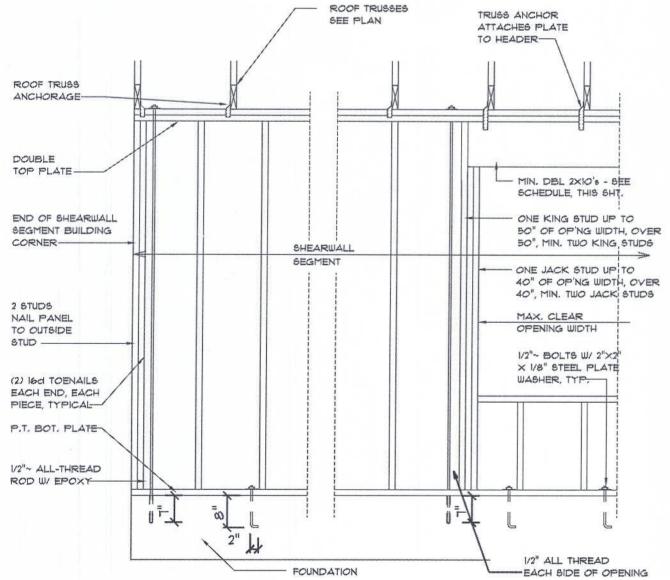
Girder Trus Column DET.

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



Truss Bracing DETAILS

SCALE: AS NOTED

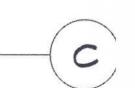


- 1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS 45 DEFINED BY STD 10-97 SBBCI 305.4.3. 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH
- 1/16 " O.S.B. INCLUDING AREAS ABOVE AND BELOW 3, ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT
- PANELS OCCURING OVER COMMON FRAMING MEMBERS 40" OF OP'NG WIDTH, OVER 4, IAIL SPACING SHALL BE 4" O.C. EDGES AND 3" O.C. IN THE FIELD.
 - 5. YPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING T CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 1/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE SETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 OR 8'-0" WALLS (2'-3").
 - 6. L THREAD ROD MAY BE DELETED WHEN HEADER FLAT RAPS USED- MSTA24.

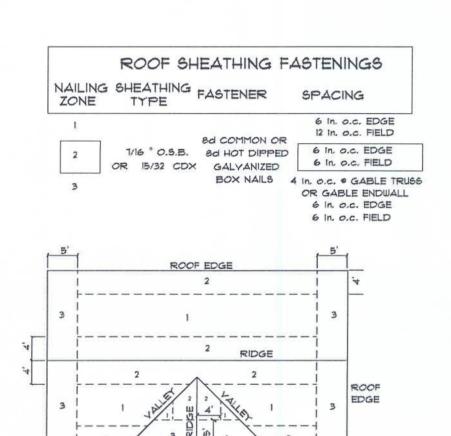
OPENING WIDTH	SILL PLATES	EACH END		
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1		
6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2		
> 9' TO 12'-0"	(5) 2×4 OR (2) 2×6	3		

Shear Wall DETAILS

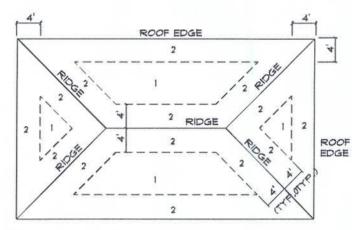
SCALE: NONE



B



ROOF SHEATHING NAILING ZONES (GABLE ROOF)



ROOF SHEATHING NAILING ZONES

Roof Nail Pattern DET.

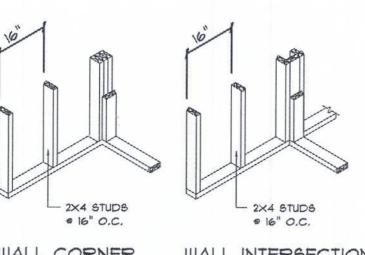
SCALE: NONE

HEADERS SUPPORTING:		BUILDINING WIDTH (FT)					
	HEADER SIZE	20'		28'		36'	
		SPAN	* JACKS	SPAIAN	* JACKS	SPAN	* JACKS
ROOF, CEILING	2-2×4	3'-6"	1	3'-2'-2"	1	2'-10"	1
	2-2×6	5'-5"	1	4'-8-8"	1	4'-2"	1
	2-2×8	6'-10"	1	5'-11-11"	2	5'-4"	1
	2-2×10	8'-5"	2	7'-3'.3"	2	6'-6"	2
	2-2×12	9'-9"	2	8'-5.5"	2	7'-6"	2
	3-2×8	8'-4"	1	7'-5'5"	1	6'-8"	1
	3-2×10	10'-6"	1	9'-1",1"	2	8'-2"	1
	3-2×12	12'-2"	2	10'-7-7"	2	9'-5"	2
	4-2×8	9'-2"	1	8'-4'4"	1	9'-2"	1
	4-2×10	11'-8"	1	10'-6.6"	1	9'-5"	1

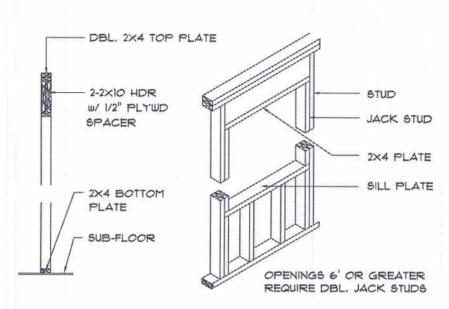
1 12'-2"-2"

2 10'-11"

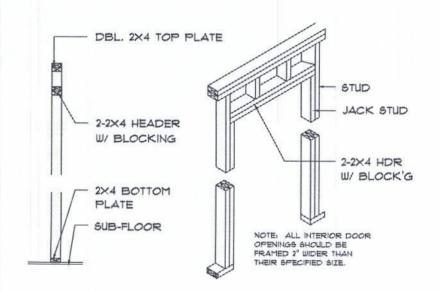
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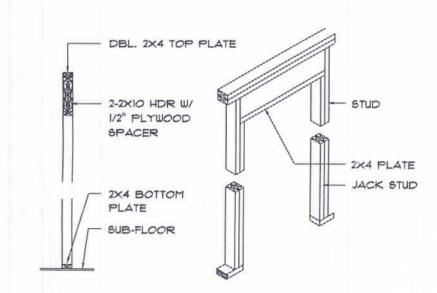
WALL CORNER WALL INTERSECTION



TYPICAL WINDOW HEADER

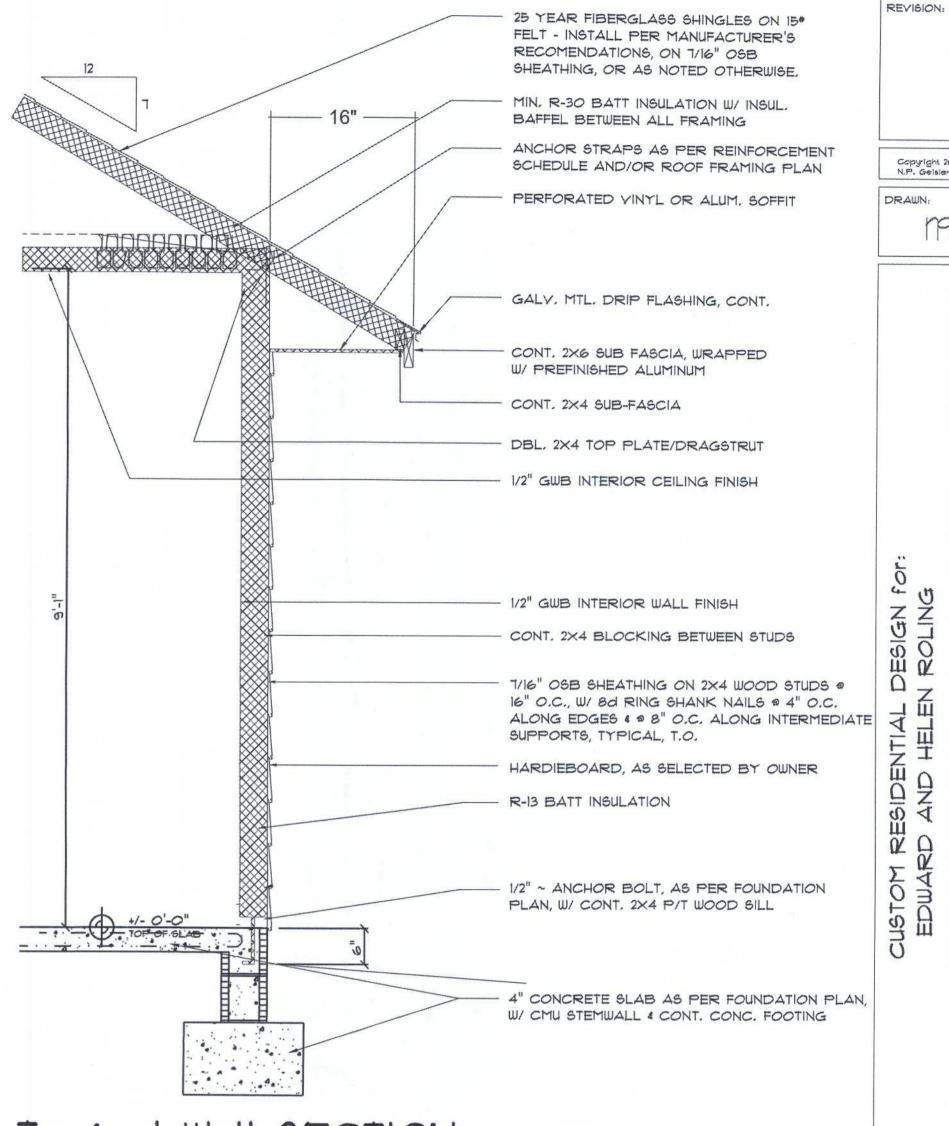


NON-BEARING WALL HEADER



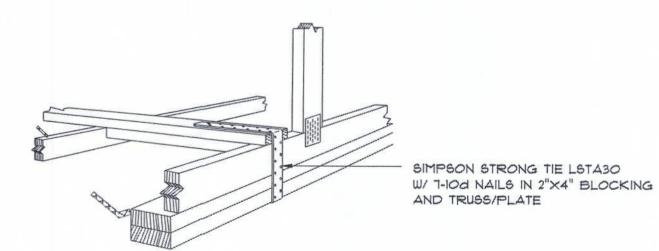
BEARING WALL HEADER

Wall Framing/ Header DET'S SCALE: NONE



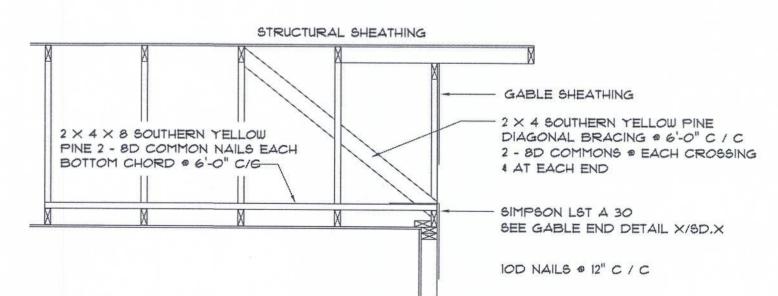
Typical Wall SECTION SCALE: 3/4" = 1'-0"

EXTERIOR WALL SHEATHING: APPLY VERTICALLY, "WindSTORM" 1/16" OSB 48" X 91", 109", 121" OR 145" SHEATHING, FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS @ 3" O.C. OR 8d R.S. NAILS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d RING SHANK NAILS 9 6" O.C. OR 8d R.S.



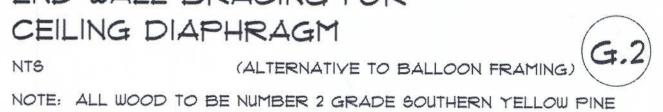
GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE



END WALL BRACING FOR CEILING DIAPHRAGM

(ALTERNATIVE TO BALLOON FRAMING)



G.1

DATE:

SHEET:

27 DEC 2016

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