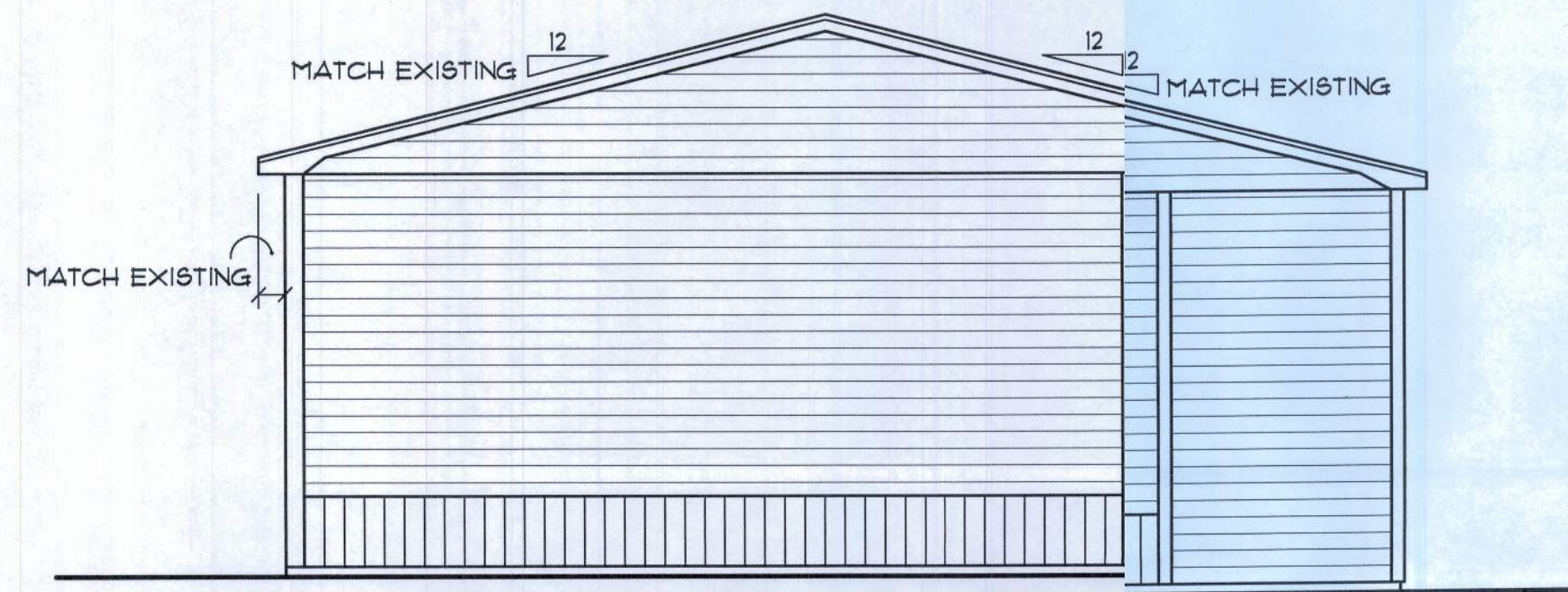


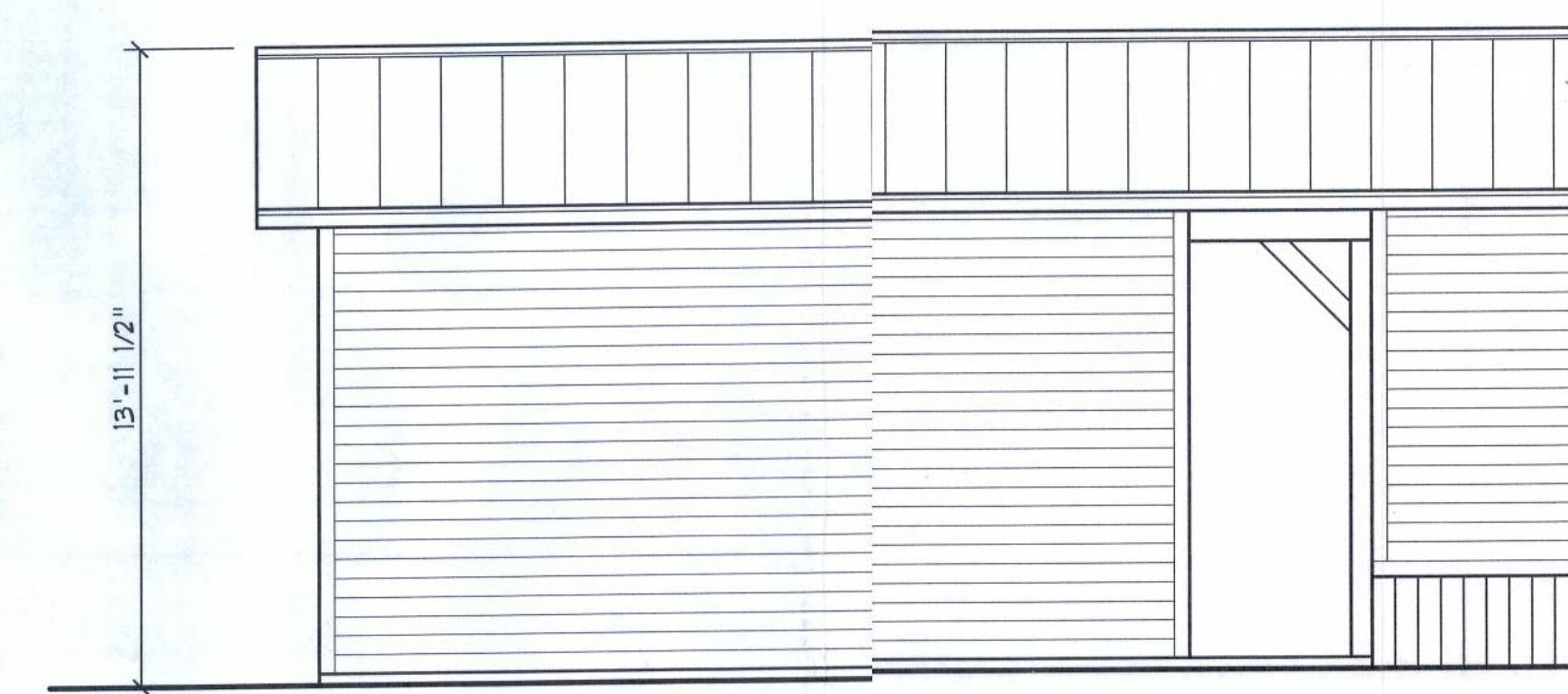
Front ELEVATION

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



End ELEVATION

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



Rear ELEVATION

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



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CARPENT ADDITION for
TOM PATTERSON
COLUMBIA COUNTY, FLORIDA
ARCHITECTURAL DRAWINGS



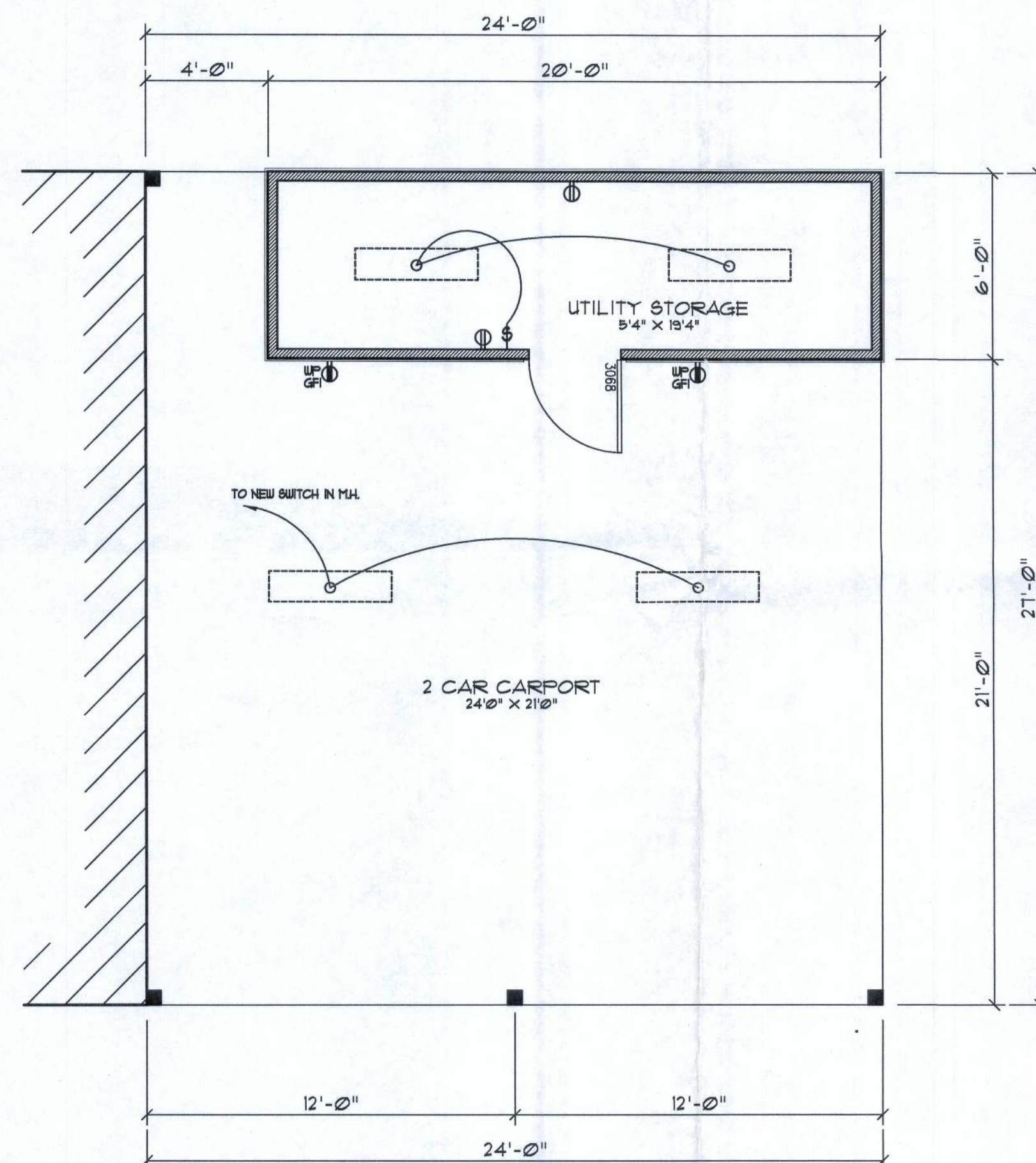
**NICHOLAS
GEISLER
ARCHITECT**
N.C.A.R.B. Certified
17268 NW Brown Rd.
Gainesville, FL 32605
352-386-4305

DATE
21 APR 2011

COMM
2K1117

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A.1
1 OF 2

25 May 2011
AR0007005



Floor PLAN

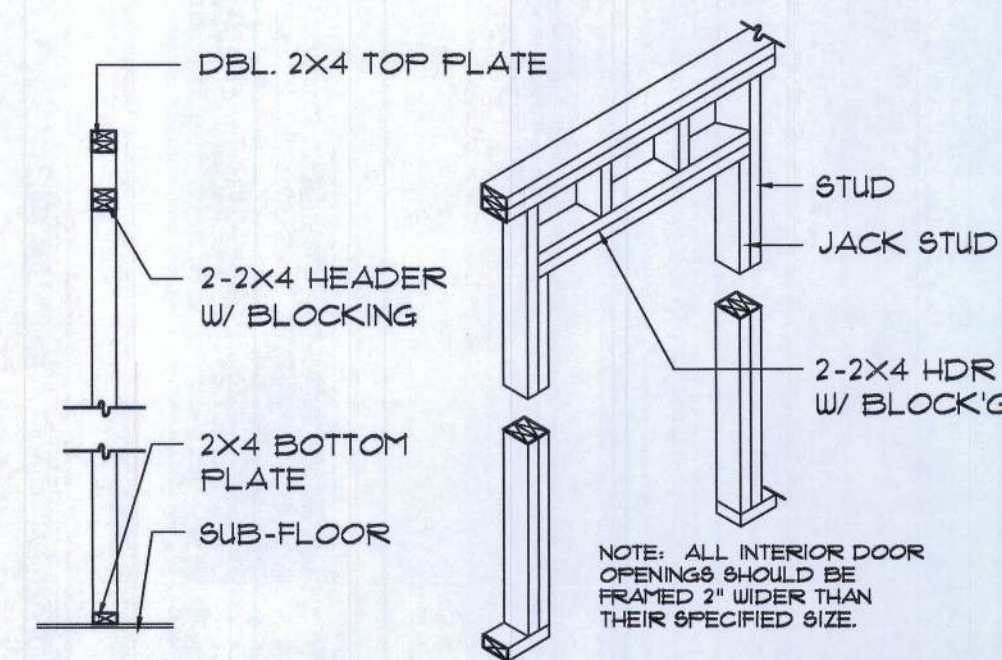
SCALE: 1/4" X 1'-0"

ELECTRICAL PLAN NOTES

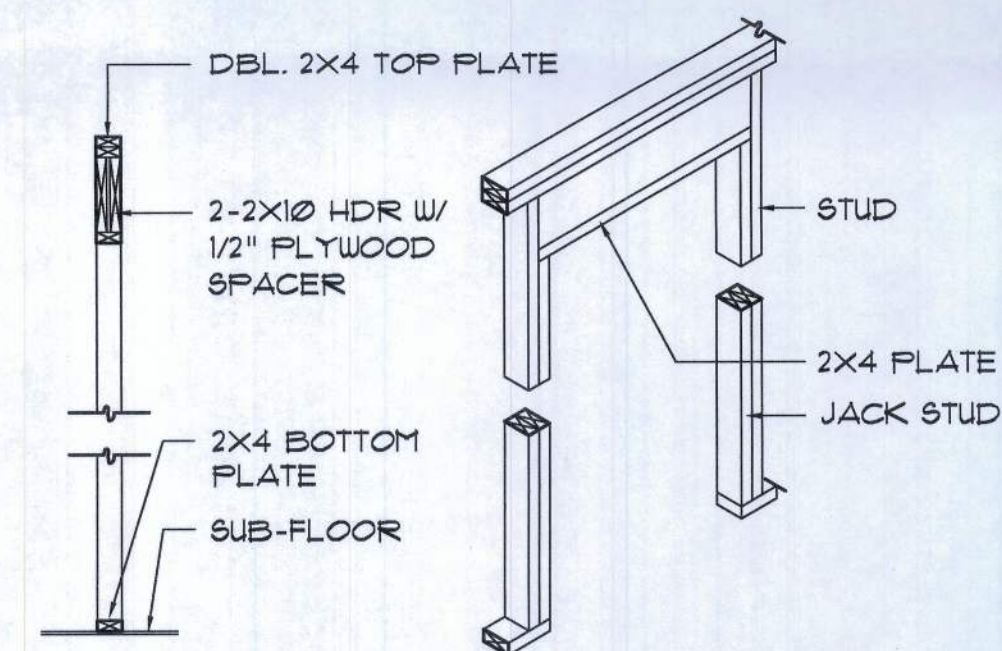
ALL RECEPTACLES IN EXTERIOR (WET) LOCATIONS SHALL BE ON GROUND FAULT INTERRUPTER CIRCUITS (GFCI).

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

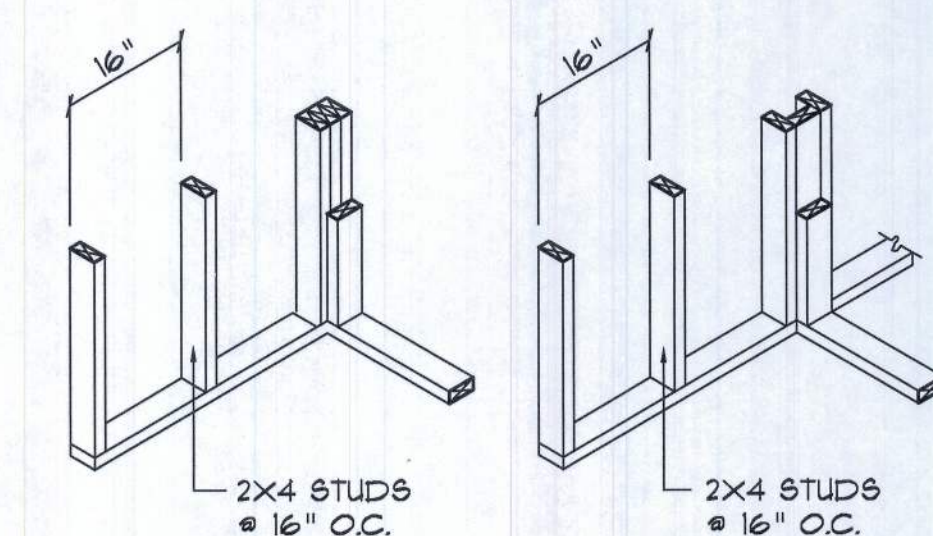
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°. DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



NON-BEARING WALL HEADER



BEARING WALL HEADER



WALL CORNER

WALL INTERSECTION

**Wall Framing/
Header DET'S**

SCALE: NONE

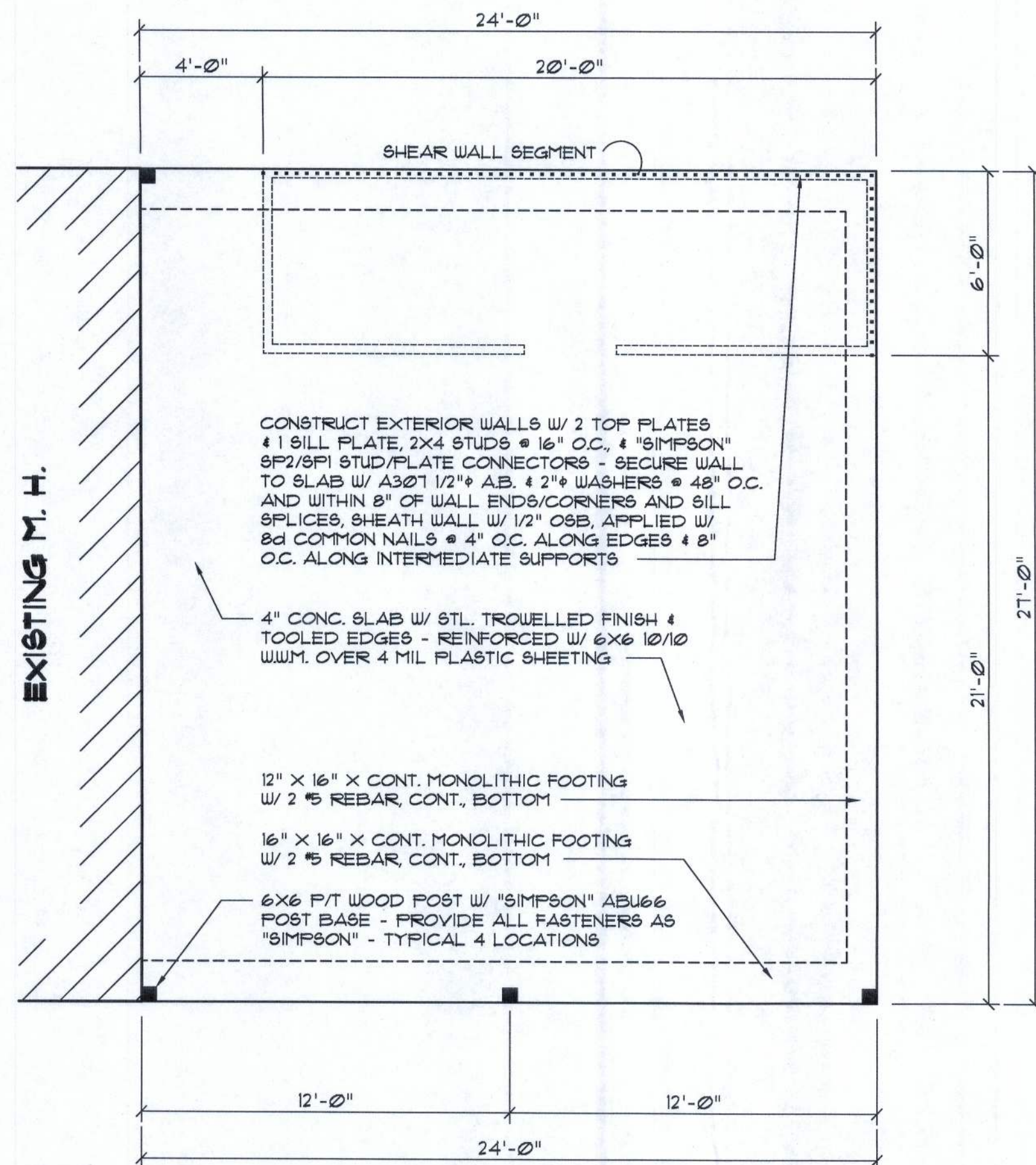
A

METAL ROOFING AS PER DETAIL, SECURED PER MANUFACTURER'S SPECIFICATIONS FOR 110 MPH WIND LOADS, ON P/T 1X4 FURLINS @ 24" O.C.
CONT. MTL. DRAIN FLASHING
P/T 2X4 SILL & SUB-FASCIA
FASCIA TO MATCH EXISTING 1" G.M.H.
PERF'D VINYL SOFFIT U.T.O.
CONT. 2-2" SECURED 1-2X10 WOOD BEAM POSTS W/ 2" TO NOTCHED SCREWS @ 12" O.C. & 2" LAG SCREWS @ 24" O.C. INTO POSTS & 2" WASHERS
2X6 DIAG. W/ 2 - 5/8" AGONAL KNEE BRACE WASHERS 5/8" X 4" L.S. & 2" LAG SCREWS @ 24" O.C. INTO POSTS & 2" WASHERS
6X6 P/T 1" WOOD POSTS
4'-10'-0" - VERIFY IN FIELD

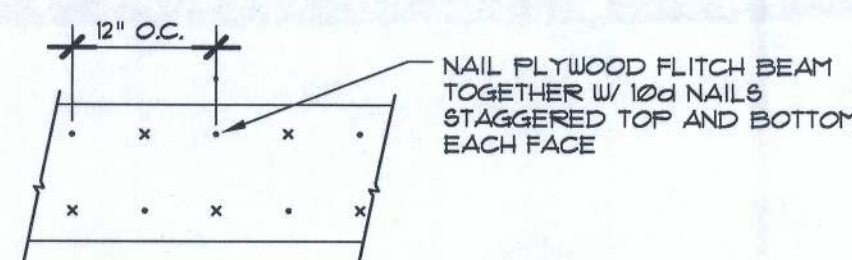
4" CONCR. FOOTING, CONCRETE SLAB W/ MONOLITHIC LG. PER PLAN
ABOVE FIN. GRADE
"SIMPSON" POST BASE AS PER MANUFACTURER'S INSTRUCTIONS
FINISH GR. GRADE

Building SECTION

SCALE: 3/4" X 1'-0"



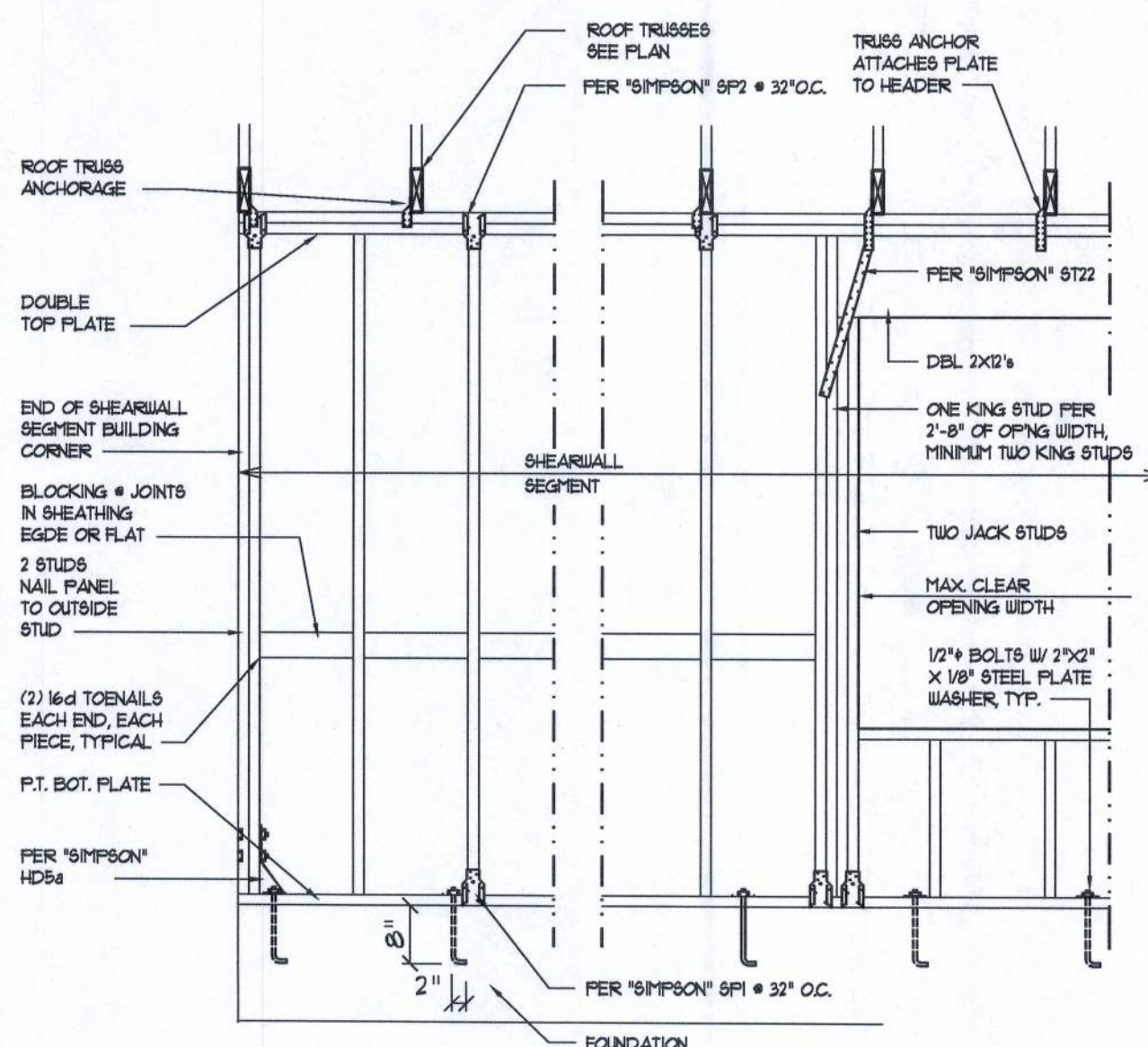
Foundation PLAN
SCALE: 1/4" X 1'-0"



TWO MEMBER BEAM DETAIL
NOT TO SCALE

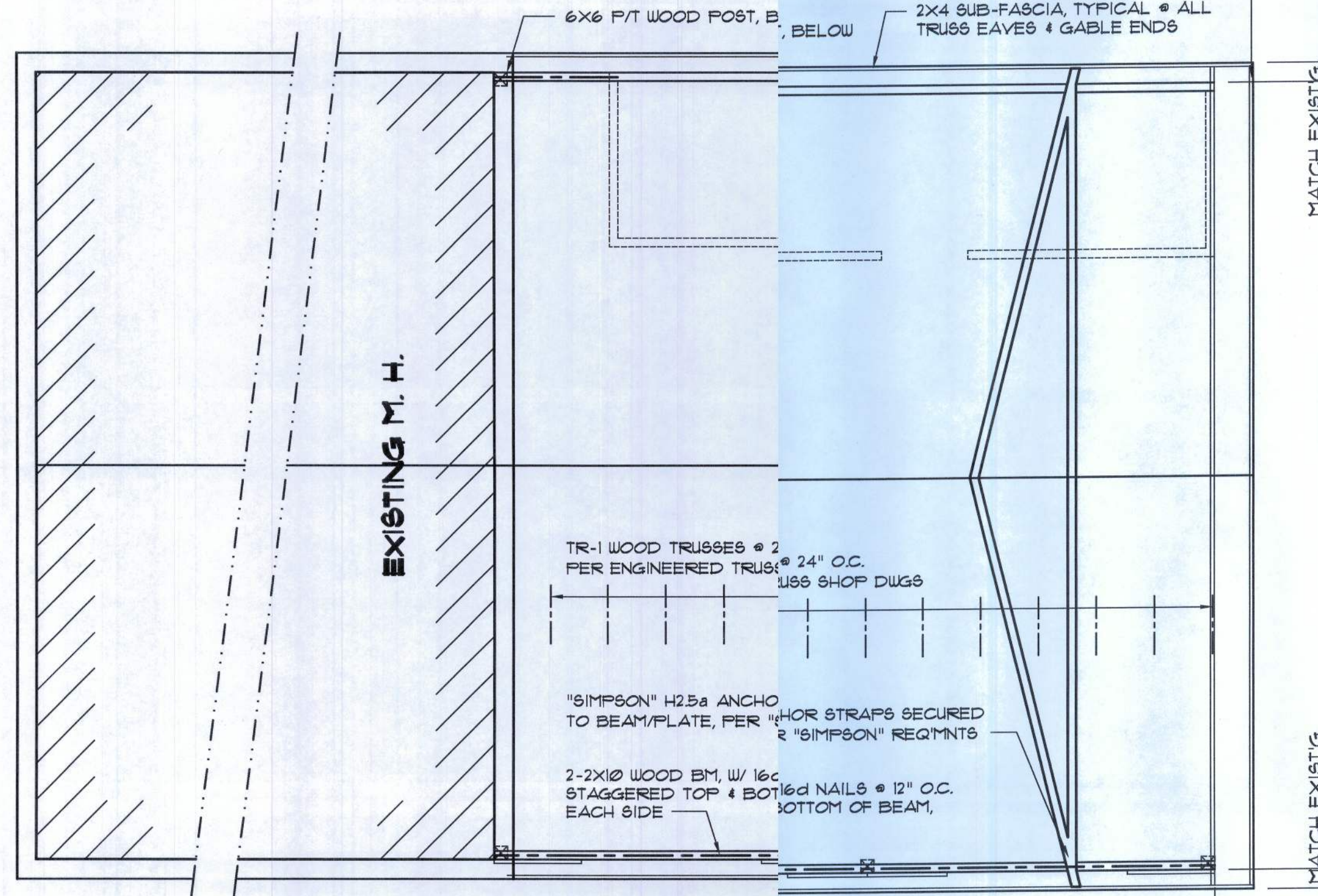
B/U Beam DETAILS

SCALE: NONE



Shear Wall DETAILS

SCALE: NONE



NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 100 MPH PER 2001 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

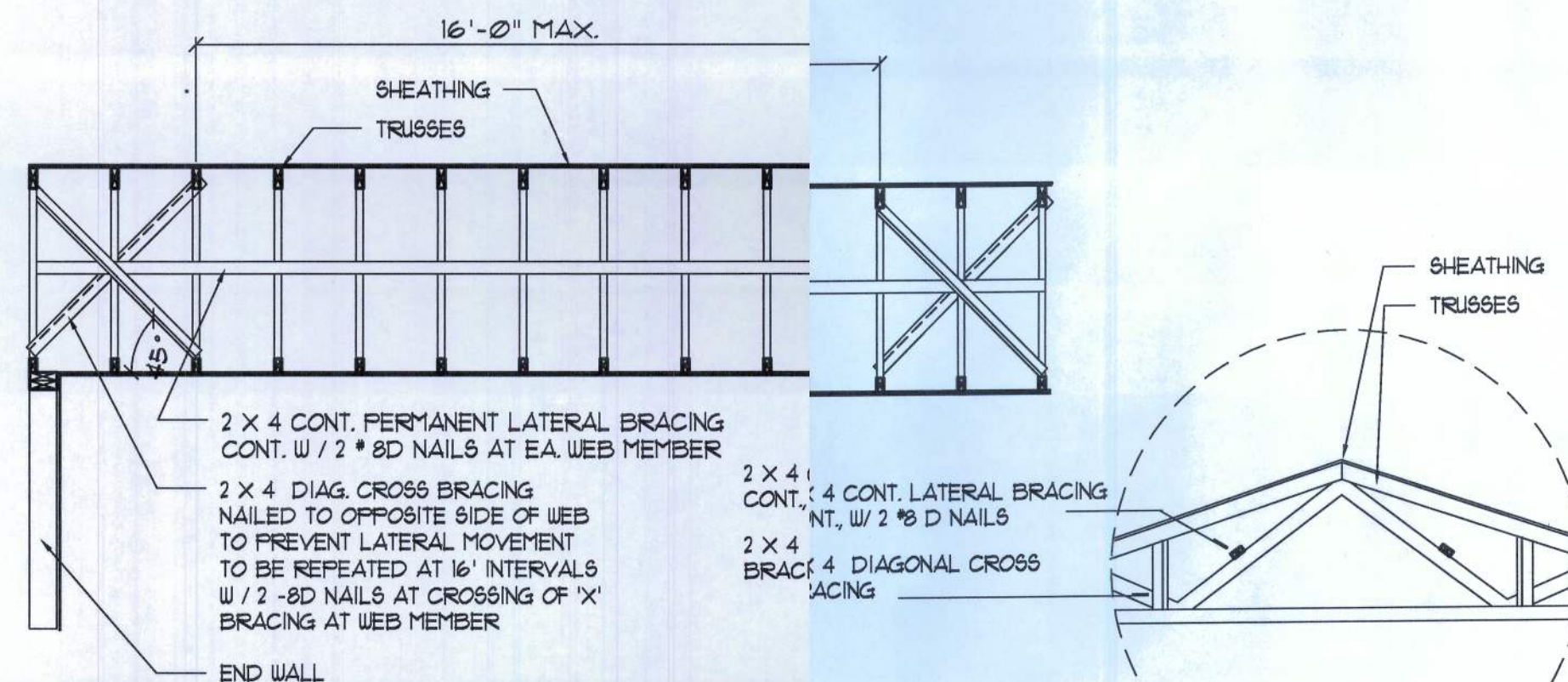
Roof Framing PLAN

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

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 ITS CONNECTIONS", LATEST EDITION, ALONG WITH 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, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS 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.

NOTE:
PROVIDE 1X4 FURLINGS/FURRING @ 24" O.C. SECURED TO TRUSSES W/ 2 - 10d NAILS @ EA. TOP OF 3 OVER ADDITION AND EXISTING ROOF ADDITION & EXISTING ROOF

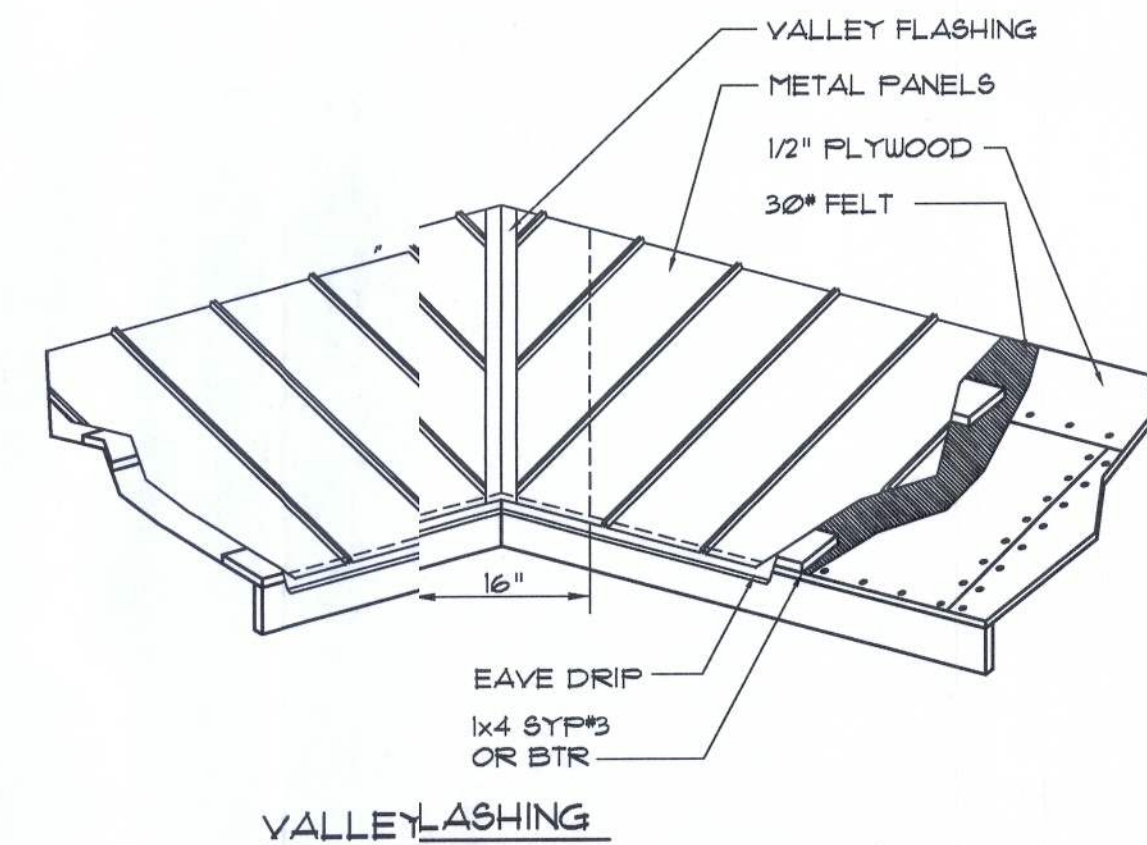


TYP. PERMANENT TRUSS BRACING DETAIL

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

Truss Bracing DETAILS

SCALE: AS NOTED



General Roofing NOTES:

DECK REQUIREMENTS:
METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX PLYWOOD.

SLOPE:
METAL PANELS SHALL BE USED ONLY ON ROOF SLOPES OF 3/12 OR GREATER TO INSURE PROPER DRAINAGE.

CAULKING:
MUST BE APPROVED BY THE MANUFACTURER. BUTYL SEALANT SUPPLIED IN TAPE OR GUN-APPLIED.

METAL PANEL:
METAL PANELS SHALL BE MIN. 26 GAUGE AND COMPLY WITH ASTM A-792 AND D 1-98 EXPOSURE C AS ADOPTED IN FLORIDA.

FASTENERS:
FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREW, MINIMUM OF 1 1/2" HEX HEAD.

ATTACHMENT:
METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 24" O.C. WHERE ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER. SPECIAL METHODS OF ATTACHMENT ARE REQUIRED, UNLESS OTHERWISE NOTED. ATTACHMENT METAL PANELS SHALL CONFORM WITH ASTM E 330 OR FFA

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

- RC-1 - RIDGE CAP
- ED-1 - EAVE DRIP
- EF-3 - EAVE FLASHING
- SW-1 - SIDEWALL FLASHING
- EW-1 - ENDWALL FLASHING
- GR-4 - GABLE END OR RABOARD FLASHING
- TF-1 - TRANSITION FLASHING
- PV-2 - PREFORMED VALLEY FLASHING
- BUTYL TAPE
- PIPEBOOT

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 3/12 TO 1/12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, A 1/4" STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH RAFTERS AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- STARTING AT THE EAVE, 36" WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 18 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4/12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM NOM. THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHT MINIMUM OF 71 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. VALLEY LININGS OF THE FOLLOWING TYPE SHALL BE PERMITTED:

- OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF AN ALUMINUM OR CORROSION RESISTANT METALS IN ACCORDANCE WITH 150713.32.
- OPEN VALLEYS: VALLEY LINING TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER MINIMUM OF 36 INCHES WIDE.
- CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 - BOTH TYPES 1 AND 2 ABOVE COMBINED.
 - ONE PLY OF SMOOTH ROLLING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 - SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1570.

-RIB METAL ROOFING PANELS ALTERNATE FASTENER SCHEDULE FOR VARIOUS WIND VELOCITIES						
MANUFACTURER'S RECOMMENDED FASTENER SCHEDULE FOR BUILDINGS W/ < 35' MEAN ROOF HEIGHT, MIN. 3/12 PITCH BASED ON ASCE 7-98, EXPOSURE 'C'						
ROOF ZONE	FASTENER TYPE	FASTENER SIZE	PLACEMENT TO O/C SPACING	100 - 110 TRIM	120 - 130 TRIM	140 - 150 TRIM
1	WD. SCREW	#3 X 1 1/2"	WOOD 36"	36"	18"	24"
	MTL. SCR.	#2 X 1 1/2"	< 18 GA 36"	18"	24"	12"
		#4 X 1 1/2"	> 18 GA 36"	18"	24"	12"
2 & 3	WD. SCREW	#3 X 1 1/2"	WOOD 36"	36"	18"	24"
	MTL. SCR.	#2 X 1 1/2"	< 18 GA 36"	18"	24"	12"
		#4 X 1 1/2"	> 18 GA 36"	18"	24"	12"

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CARPENT ADDITION for
TOM PATTERSON
COLUMBIA COUNTY, FLORIDA
STRUCTURAL DRAWINGS

Calculating
39 Years of Service
1972 - 2011
N.P. Geisler, Architect
ARCHITECT

NICHOLAS PAUL GEISLER
ARCHITECT
1756 NW Brown Rd.
Lake City, FL 32055
Phone: 386-355-4325

DATE:

27 APR 2011

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05 May 2011
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