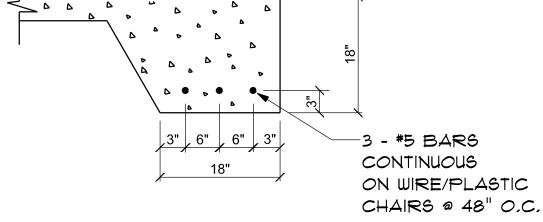
## CONCRETE / MASONRY / METALS GENERAL NOTES:

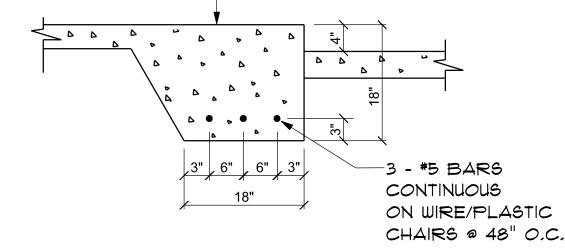
- 1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE 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 40 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.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 11. 2X4 P/T WOOD SILL, CONT., ALL AROUND, W/ 1/2"~ A.B. W/ 2" SQ. imes 1/4" PLATE WASHERS WITHIN 12-16" FROM EACH CORNER, EA, WAY, & WITHIN 12-16" FROM ALL WALL OPENINGS / ENDS - 1/2"~ A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

4" THK, 3000 PSI CONCRETE SLAB W/ FIBERMESH CONCRETE ADDITIVE, OVER TREATED, CLEAN COMPACTED FILL



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

> -4" THK, 3000 PSI CONCRETE SLAB W/ FIBERMESH CONCRETE ADDITIVE, OVER TREATED, CLEAN COMPACTED FILL



SECTION B SCALE: not to scale

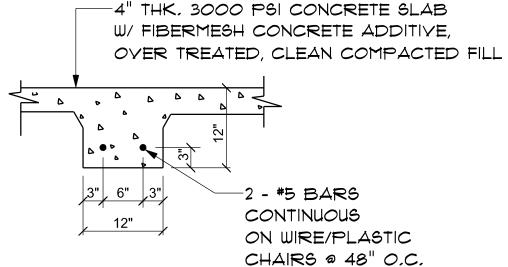
THE DESIGN WIND SPEED FOR THIS

METHOD.

PROJECT IS 130 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

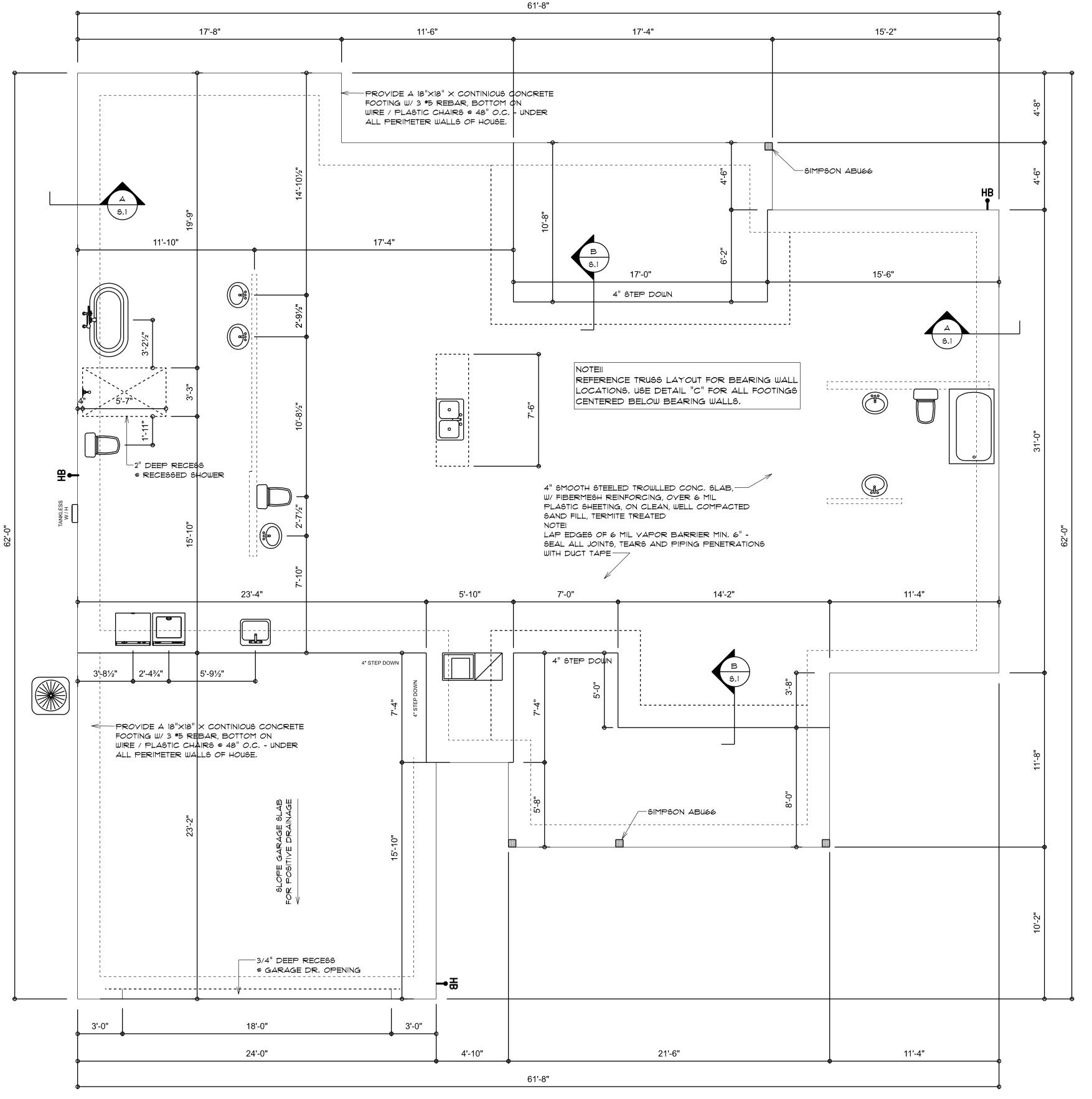
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -EA, LIFT SHALL BE CONPACTED TO 98% DRY

COMPACTION PER THE "MODIFIED PROCTOR"



**FOUNDATION PLAN** 

SECTION C SCALE: not to scale S.1

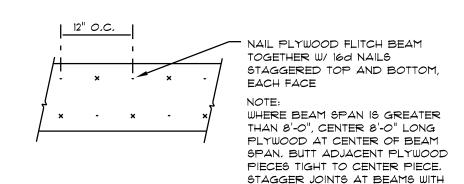




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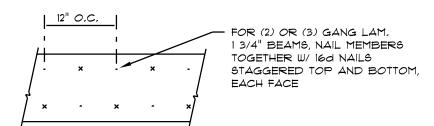
SHEET NUMBER OF 4 SHEETS

Digitally sig<mark>ned by: Nich</mark>olas P. Geisler DN: CN = N<mark>icholas P. G</mark>eisler email = npgeisler47@gmail.com C = US Date: 2023.07 17 10:21:06 -05'00'



#### PLYWOOD FLITCH BEAM DETAIL NOT TO SCALE

MORE THAN ONE PLYWOOD PLATE.



#### MULTIPLE GANG LAM, DETAIL

NOT TO SCALE

## B/U Beam DETAILS

SCALE: NONE

## WOOD STRUCTURAL NOTES

- 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".
- 2. 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".
- 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 GALVANIZED 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:

- I. 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, \$ 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

	NG METALS FOR FLASHING/ROOFING THICKNESS REQUIREMENTS		
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALYANIZED STEEL	erio.o	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		4 <i>0</i> 2 <i>0</i>

# Roofing/Flashing DETS.

SCALE: NONE

#### STANDARD HEADER SCHEDULE

#### 0'-0" UP TO 6'-0" OPENINGS

DOUBLE 2x8 No. \*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTAIS TOP AND I - SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH I - HEADER STUD AND I FULL HEIGHT STUDS EACH SIDE OF OPENING

#### 6'-0" UP TO 9'-0" OPENINGS

DOUBLE 2x12 No. \*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d  $\times$  0.128"  $\times$  3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA24 TOP AND 2 - SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

#### 9'-0" UP TO 16'-0" OPENINGS

DOUBLE 2x12 No. \*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH IOd x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTAIS EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

#### 18'-0" GARAGE DOOR OPENINGS

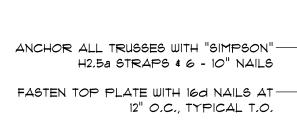
2 PLY 134" X 11 7/8" 2.0E MICROLAMM LYL HEADER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTAIS EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

SEE ELEVATIONS FOR ROOF PITCH

UNLESS OTHERWISE NOTED

MOVE ALL VENTS AND OTHER

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



2X6 SUB-FASCIA, TYPICAL @ ALL-

TRUSS EAVES & GABLE ENDS

#### ROOF PLAN NOTES

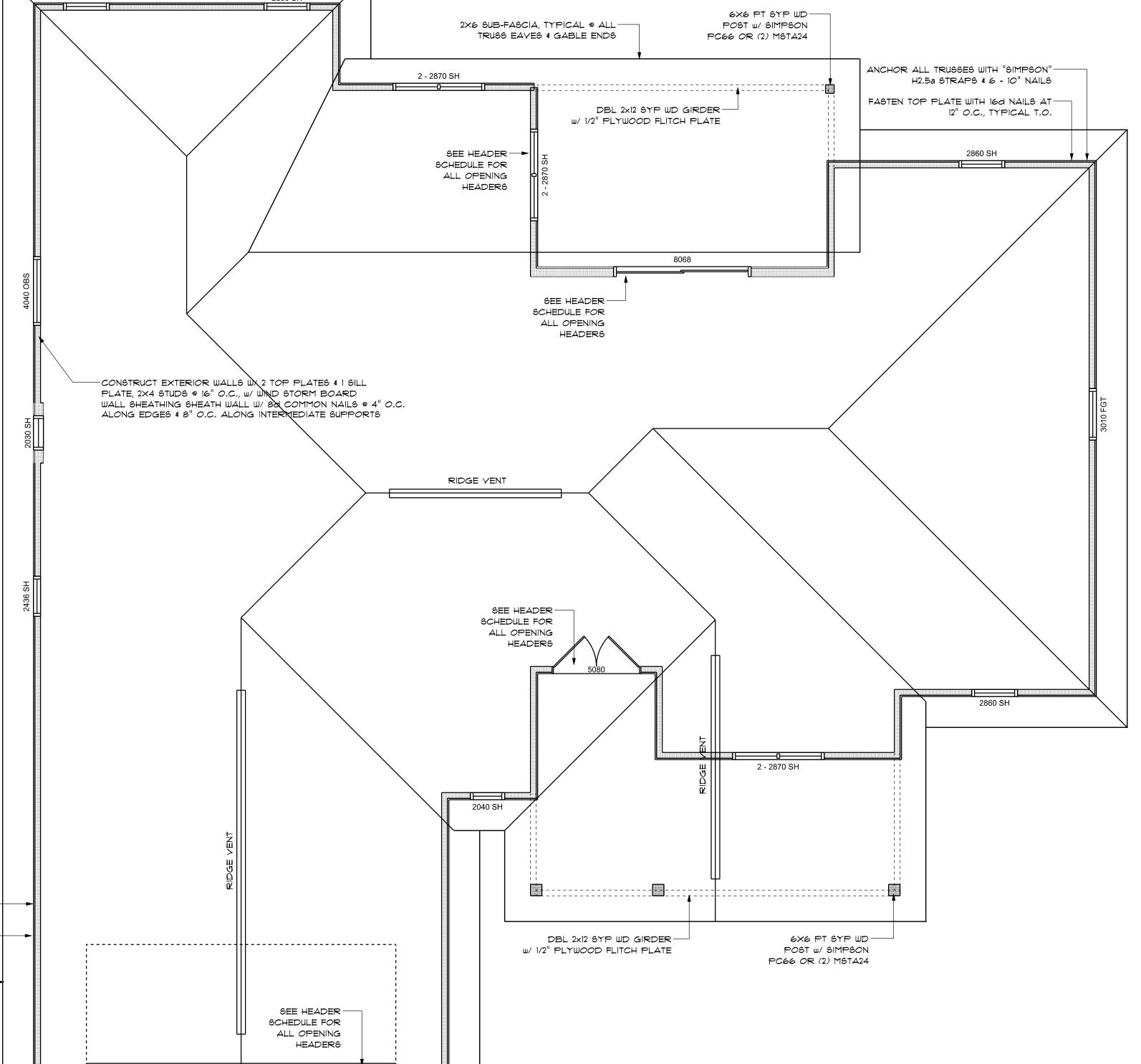
R-2 ALL OYERHANG 18" (12" on gables)

PROVIDE ATTIC VENTILATION IN AC-CORDANCE WITH SCHEDULE ON SD.3

SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS

ROOF PENETRATIONS TO REAR

ANCHOR GIRDER TRUSS(ES) TO HEADER WITH 2 "SIMPSON" LGT(2, 3 OR 4), ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" ST22 EA. END - TYP., T.O.



**ROOF FRAMING PLAN** 

2860 SH

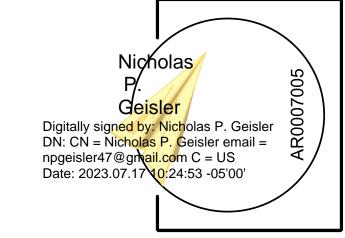
SHEET NUMBER

OF 4 SHEETS

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Compliance Summary

TYPE OF CONSTRUCTION

Roof: Hip Construction, Wood Trusses @ 24" OC

Walls: 2x4 Wood Studs @ 16" O.C. Floor: 4" Thk. Concrete Slab W/ Fibermesh Concrete Additive

Foundation: Continuous Footer/Stem Wall

ROOF DECKING

Material: 1/2" CDX Plywood or 7/16" 0.6.B.

Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing Fasteners: 8d Ring Shank Nails per schedule on sheet 5.4

SHEARWALLS

Material: 1/2" CDX Plywood or 7/16" 0.5.B.

Sheet Size: 48"x96" Sheets Placed Vertical 8d Common Nails @ 4" O.C. Edges \$ 8" O.C. Interior

Dragstrut: Double Top Plate (S.Y.P.) W/16d Nails @ 12" O.C. Wall Studs: 2x4 Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON H2.5a @ Ea. Truss End (Typ. U.O.N.)

Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 Bolts @ 48" O.C. - 1st Bolt 12"-16" from corner Corner Hold-down Device: (1) HD5a @ each corner

Porch Column Base Connector: Simpson ABU66 @ each column Porch Column to Beam Connector: Simpson EPC66/PC66 @ each column

FOOTINGS AND FOUNDATIONS

Footing: 18"X18" X CONT., CONCRETE FOOTING W/ 3 #5 REBAR. @ BOTTOM

Int. Bearing:  $12" \times 12" \times CONT.$ , STRIP FOOTING W/ 2 \*5 REBAR.

#### STRUCTURAL DESIGN CRITERIA:

THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATAGORY: 2, EXPOSURE: "B"

BASED ON ANSI/ASCE 7-16. 2020 FBC 1609-A WIND VELOCITY: YULT = 130 MPH YASD = 101 MPH

3. ROOF DESIGN LOADS:

SUPERIMPOSED DEAD LOADS: . . . . . . 20 PSF SUPERIMPOSED LIVE LOADS: . . . . . . 20 PSF

4. FLOOR DESIGN LOADS: SUPERIMPOSED DEAD LOADS: . . . . . . . 25 PSF

SUPERIMPOSED LIVE LOADS: ..... 40 PSF

RESIDENTIAL ...... 60 PSF

FBC 1816.1.3

5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

#### TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

I, A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL, FBC 104.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-O" AWAY FROM BUILDING SIDE WALLS, FBC 1503.4.4

3. IRRIGATION/6PRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN I'-O" FROM BUILDING SIDE WALLS. FBC 1503,4,4

4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COYERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".

EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6

5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE, FBC 1816.1.1

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED

INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2 7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION

OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS, PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT.

8. MINIMUM 6 MIL YAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL OCCURS BEFORE VAPOR RET-ARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4

9, CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOYED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5

IO. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-O" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6

II. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED, FBC 1816.1.6

12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7

13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPART-MENT BY \* LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES, THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONS-UMER SERVICES". FBC 1816.1.7

14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-O" OF THE BUILDING, THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING

15. NO WOOD, YEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-O" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

#### FRAMING ANCHOR SCHEDULE

APPLICATION

MISC, JOINTS

TRUSS TO WALL: GIRDER TRUSS TO POST/HEADER: HEADER TO KING STUD(S): PLATE TO STUD: STUD TO SILL: PORCH BEAM TO POST: PORCH POST TO FND .:

SIMPSON H2.5a OR SWDC15600 SCREWS SIMPSON LGT, W/ 28 - 16d NAILS SIMPSON ST22 NO CONNECTION REQ. WHEN USING WINDSTORM BOARD NO CONNECTION REQ. WHEN USING WINDSTORM BOARD SIMPSON PC66 or MSTA24

SIMPSON ABUGG SIMPSON A34

CAP,

600#

1785#

1370#

1700#

2200#

315#/240#

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.

MANUF'R/MODEL

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

"SEMCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #95-0818.15

"SIMPSON" PRODUCT APPROVALS:

MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04 SBCC1 NER-443, NER-393

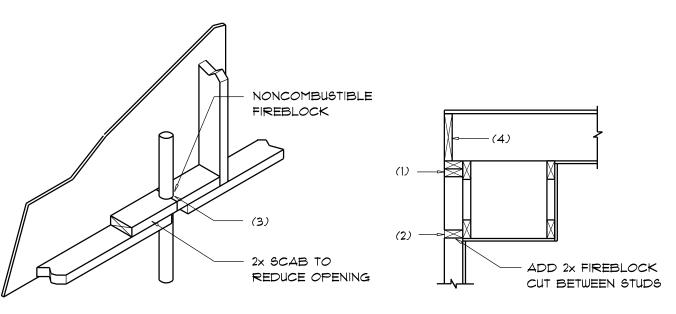
BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE T TO 2T **Vult** 110 MPH 130 MPH 140 MPH 120 MPH 17.5 / -27.8 20.3 / -32.3 12.0 / -19.9 14.9 / -23.7 16.0 / -27.0 11,4 / -19,4 13.6 / -23.0 18.5 / -31.4 10.0 / -18.6 11.9 / -22.2 13.9 / -26.0 16.1 / -30.2 12.5 / -34.7 14.9 / -41.3 17.5 / -48.4 20.3 / -56.2 13.6 / -38.0 18.5 / -51.7 11.4 / -31.9 16.0 / -44.6 50 10.0 / -28.2 11.9 / -33.6 13.9 / -39.4 16.1 / -45.7 12.5 / -51.3 14.9 / -61.0 17.5 / -71.6 20.3 / -83.1 18.5 / -77.7 11.4 /-47.9 13,6 / -57.1 16.0 / -67.0 10.0 / -43.5 11.9 / -51.8 13.9 / -60.8 16.1 / -70.5 25.9 / **-**34.7 30.4 / -33.0 21.8 / -23.6 35.3 / **-**38.2 20.8 / -22.6 24.7 / -26.9 29.0 / -31.6 33.7 / **-**36.7 19.5 / -21.3 23.2 / -25.4 27.2 / -29.8 31.6 / -34.6 21.8 / -29.1 25.9 / -34.7 30.4 /-40.7 35,3 / -47,2 20.8 / -27.2 24.7 / -32.4 29.0 / **-**38.0 33,7 / -44,0

#### HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

23.2 / -29.3

50 | 19.5 / -24.6

BLDG	EXPOSURE	EXPOSURE	EXPOSURE
HEIGHT	"B"	"C"	"D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.4 <i>0</i>	1.66



27.2 / -34.3

#### SOFFIT/DROPPED CLG. PENETRATIONS

#### FIREBLOCKING NOTES:

SCALE: NONE

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. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
- 4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED YERTICAL 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.

# Fire Stopping DETAILS



#### General Roofing NOTES:

DECK REQUIREMENTS:

ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL, UNDERLAYMENT

UNDERLAYMENT:

TWO LAYERS OF ASTM D226 TYPE II or ASTM D4869 TYPE III or TYPE IV UNDERLAYMENT SHALL BE INSTALLED AS FOLLOWS:

- I. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE,
- 2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

ASPHALT SHINGLES:

ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:

FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:

ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE, WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

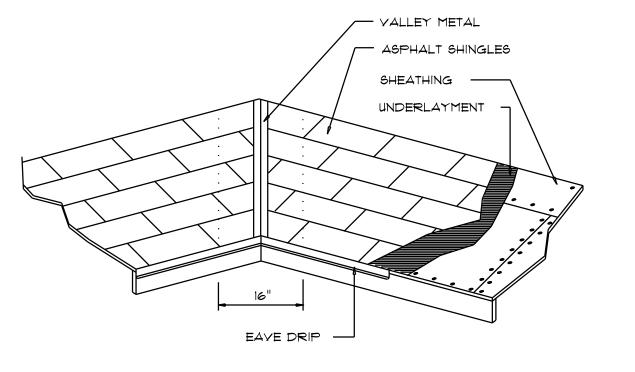
BASE AND CAP FLASHINGS:

BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0,019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 17 LBS PER 100 SQUARE FEET, CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0,019 INCH.

VALLEYS:

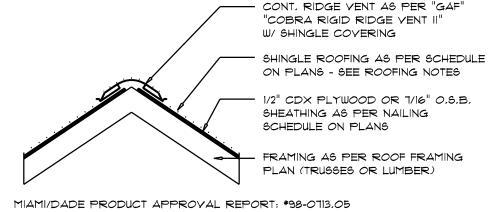
YALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES, VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

- I, FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507,3,9,2,
- 2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED, THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE. 3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
- 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED. 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224. 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING



YALLEY FLASHING

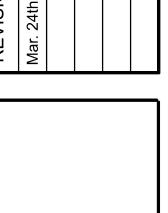
AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF 1900 SF 2200 SF 2500 SF 2800 SF 3100 SF	20 LF 24 LF 28 LF 32 LF 36 LF 40 LF 44 LF	410 \$Q.IN. 490 \$Q.IN. 570 \$Q.IN. 650 \$Q.IN. 130 \$Q.IN. 820 \$Q.IN. 900 \$Q.IN.



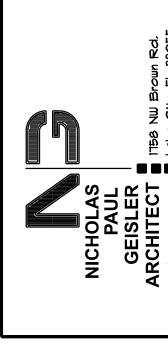
Ridge Vent DETAIL

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

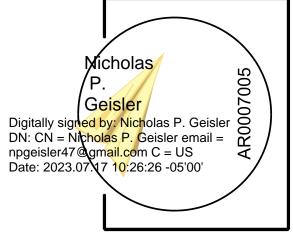


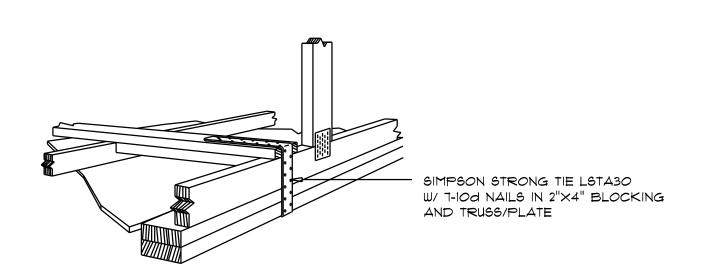


no 工 2



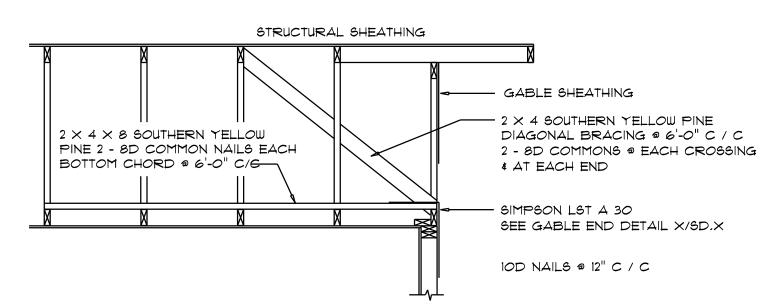
SHEET NUMBER OF 4 SHEETS





## GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE



## END WALL BRACING FOR CEILING DIAPHRAGM

(ALTERNATIVE TO BALLOON FRAMING)

. . . . . . . . . . . . . .

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0 0 0 0 0 0 0

NAIL ENTIRE

CORNER ZONE AT

3" O.C. BOTH WAYS

CORNER SHEATHING

(SINGLE PIECE) DETAIL

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

- (2) 1000 Ib CAPACITY STRAPS

OPPOSITE FACE ABOVE AND BELOW

EACH END CONTINOUS DOWN

BOTTOM OF HEADER

100UBLE

TOP PLATE —

GDO HEADER,

➡ WALL SHEATHING

W/ .113 RING SHANK NAILS

- 2 KING \$ 3 JACK STUDS

(2) SIMPSON LTTI9 STRAPS

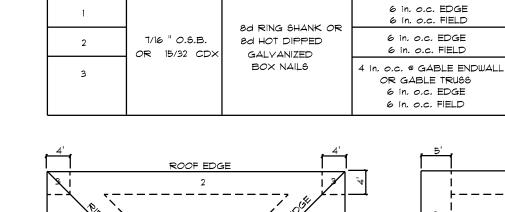
W/ 1/2" ANCHOR BOLT

W/ 2"x2" STL WASHERS

PRESSURE TREATED BOTTOM

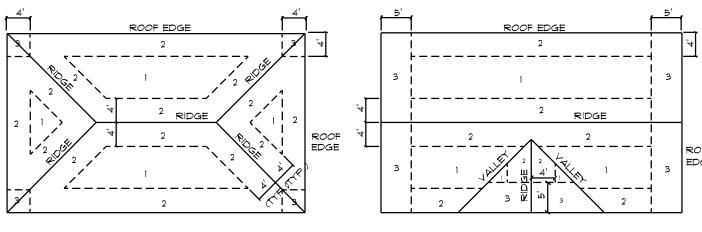
1 2'-0" MIN.

@ 3" O.C. ALONG ALL EDGES



NAILING SHEATHING FASTENER

ROOF SHEATHING FASTENINGS

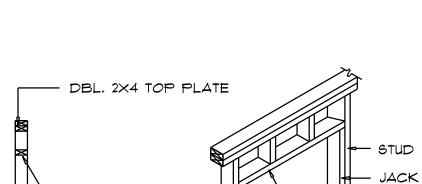


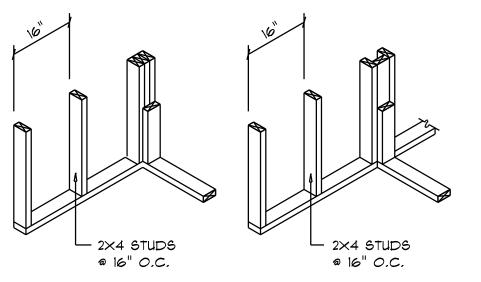
SPACING

ROOF SHEATHING NAILING ZONES (HIP ROOF)

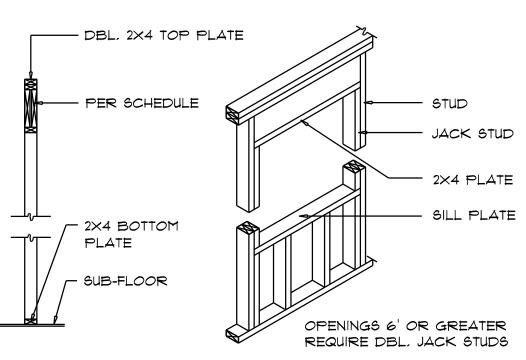
ROOF SHEATHING NAILING ZONES (GABLE ROOF)

# Roof Nail Pattern DET.

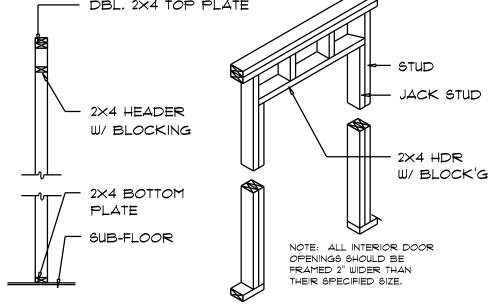




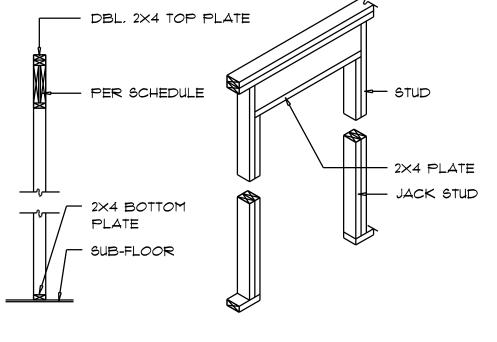
WALL CORNER WALL INTERSECTION



TYPICAL WINDOW HEADER



NON-BEARING WALL HEADER

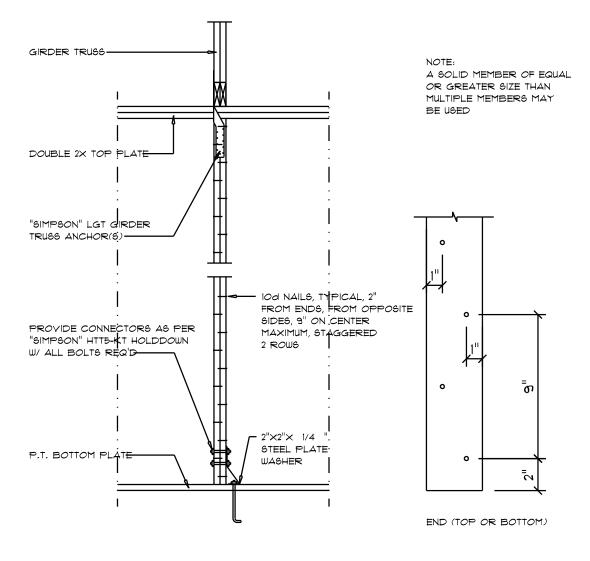


BEARING WALL HEADER



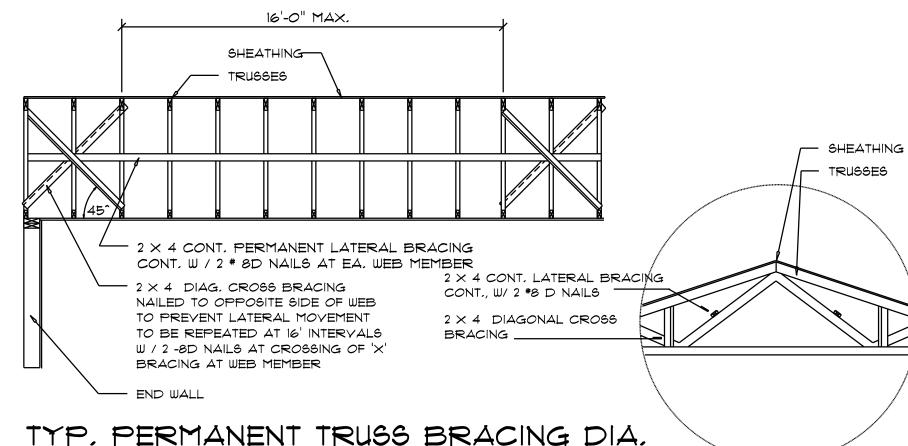
SCALE: 1/2" = 1'-0"

# Wall Framing/Header DETAILS SCALE: NONE



# Girder Truss Column DET.

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

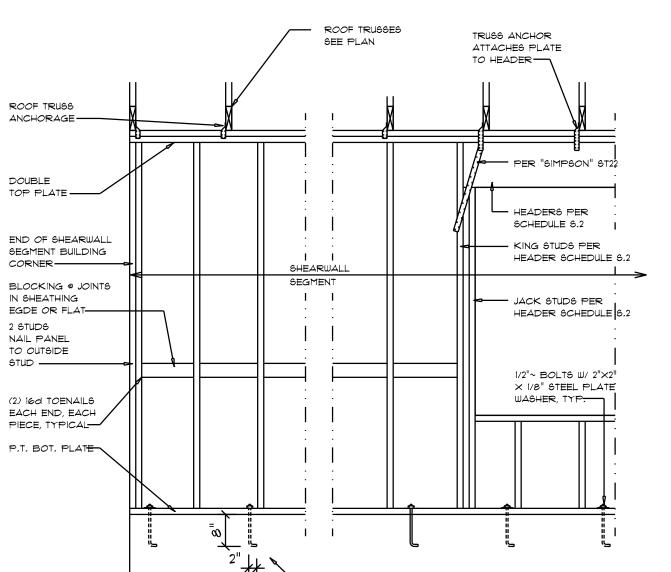


TYP, PERMANENT TRUSS BRACING DIA.

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

# Truss Bracing DETAILS

SCALE: AS NOTED



FOUNDATION

#### SHEARWALL NOTES: 1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS

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- 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" WINDSTORM BD 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 OR ALONG BLOCKING.
- 4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
- 5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS, MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3"),

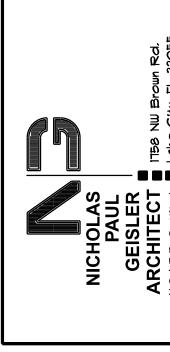
OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

# Shear Wall DETAILS

SCALE: NONE



Hon Q2



SHEET NUMBER OF 4 SHEETS

