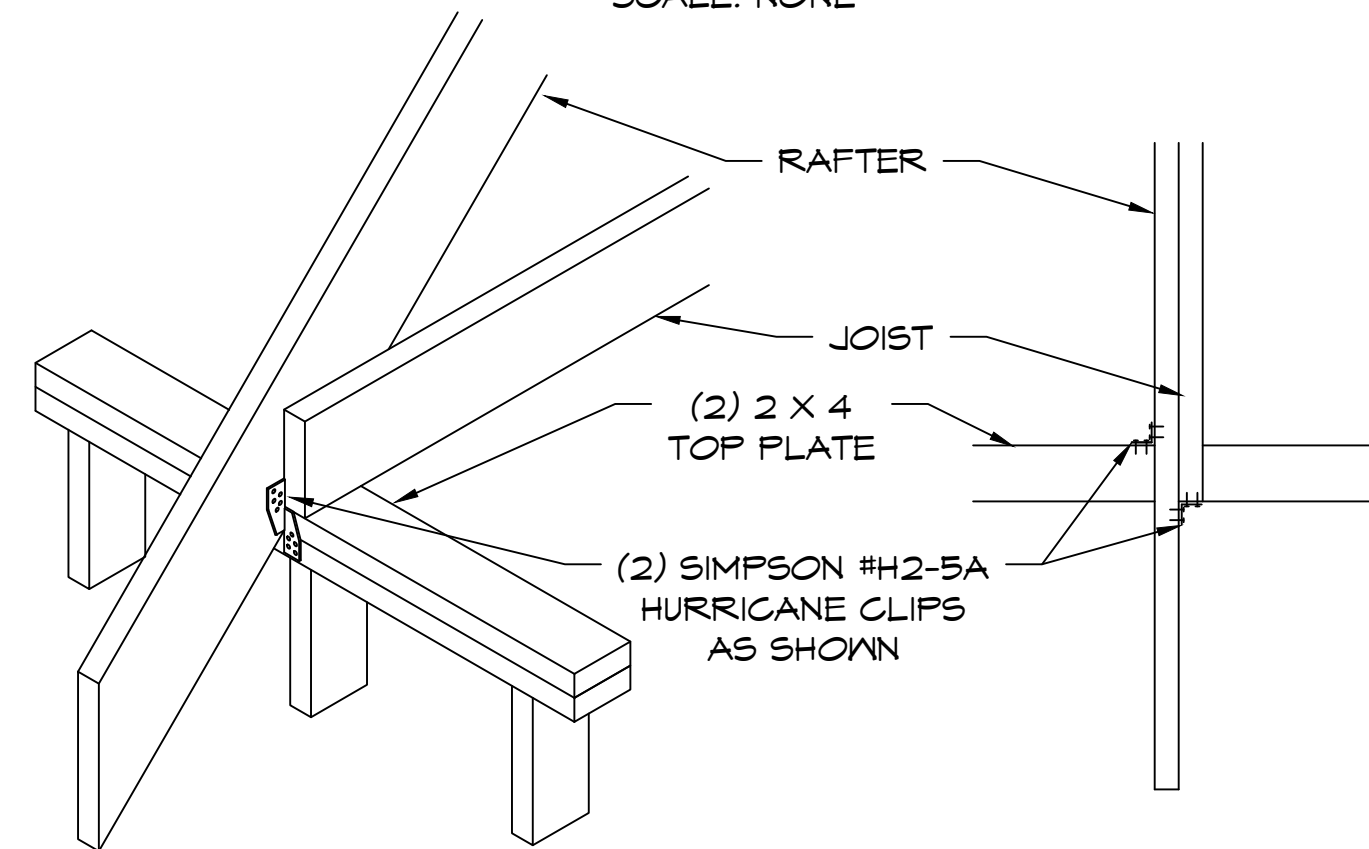
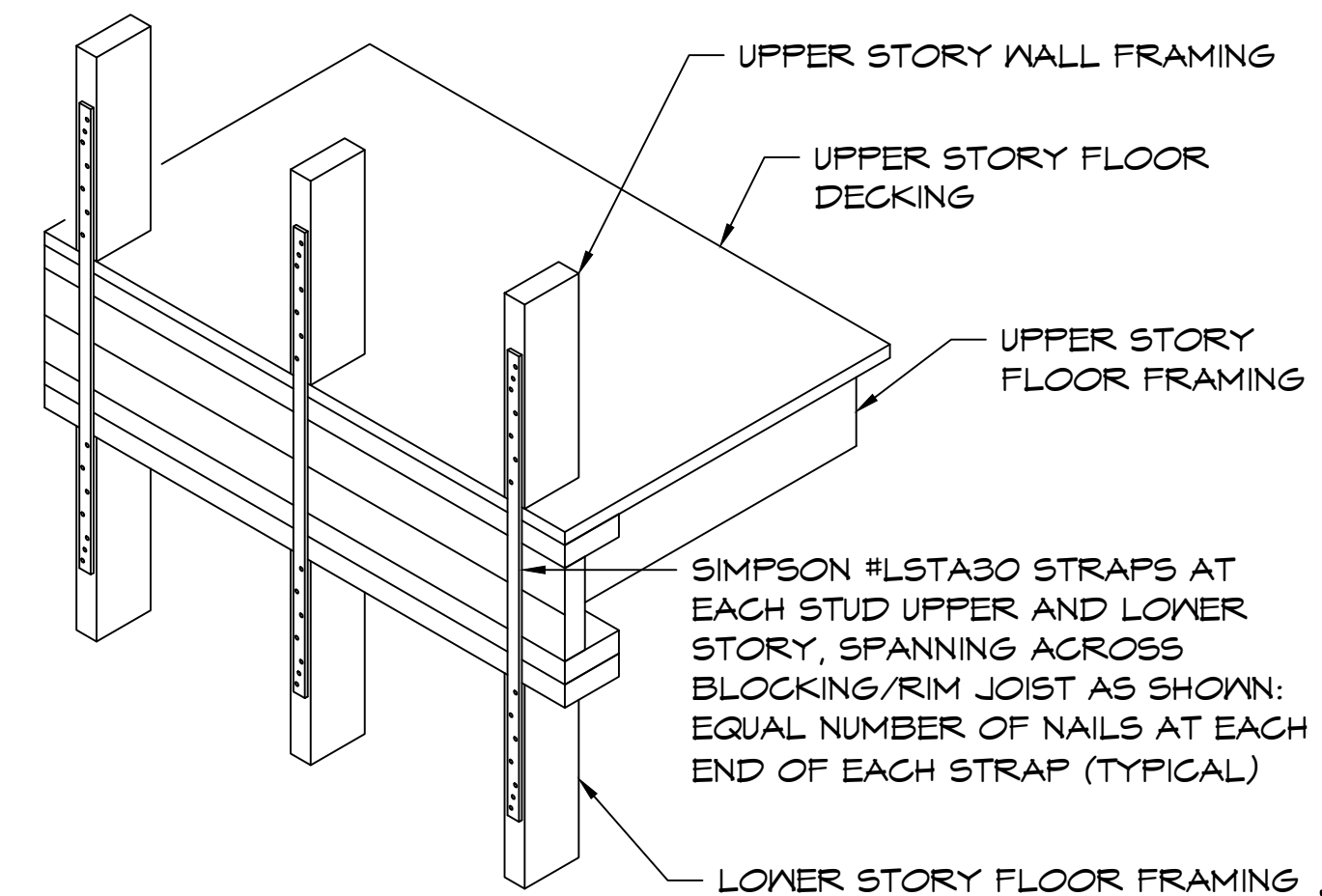


RIDGE CONNECTION
SCALE: NONE



DETAIL PLAN

RAFTER TO TOP PLATE CONNECTION
SCALE: NONE



WALL TO WALL ASSEMBLY
SCALE: NONE

WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR 1/2" WOOD STRUCTURAL PANELS			
FASTENER TYPE	FASTENER SPACING		
	PANEL SPAN LESS THAN OR EQUAL TO 4'	4' PANEL SPAN LESS THAN OR EQUAL TO 6'	6' PANEL SPAN LESS THAN OR EQUAL TO 8'
#8 WOOD SCREW BASED ANCHOR WITH 2-INCH EMBEDMENT LENGTH	16"	10"	8"
#10 WOOD SCREW BASED ANCHOR WITH 2-INCH EMBEDMENT LENGTH	16"	12"	9"
1/4" LAG SCREW BASED ANCHOR WITH 2-INCH EMBEDMENT LENGTH	16"	16"	16"

DATA FOR ABOVE WAS TAKEN FROM THE INTERNATIONAL RESIDENTIAL CODE, CHAPTER 3 "BUILDING PLANNING", TABLE R301.2.1.2 "WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS".
 IRC R.301.2.1.2 PROTECTION OF OPENINGS: WINDOWS IN BUILDINGS LOCATED IN WINDBORNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WINDBORNE DEBRIS. GLAZED OPENING PROTECTION FOR WINDBORNE DEBRIS SHALL MEET THE REQUIREMENTS OF LARGE MISSILE TEST OF AN APPROVED IMPACT RESISTANT STANDARD OR ASTM E1996 OR ASTM E1886 REFERENCED HEREIN, INCLUDING EXCEPTION, GARAGE DOOR GLAZED OPENING PROTECTION FOR WINDBORNE DEBRIS SHALL MEET THE REQUIREMENTS OF AN APPROVED IMPACT RESISTING STANDARD OR ANSI/DASMA 115.

ASPHALT SHINGLES: FIBERGLASS REINFORCED & SELF SEALING ADHESIVE STRIPS (DO NOT USE ON SLOPES < 3:12 PITCH); INSTALL 6 CORROSION RESISTANT NAILS PER SHINGLE.

15 LB. FELT UNDERLAY WITH 6" HEAD LAP & 12" SIDE LAP; INSTALL CORROSION RESISTANT NAILS; INSTALL DOUBLE LAYERS ON ROOF 4:12 OR LESS.

ALL INSTALLATION AND MATERIALS SHALL CONFORM TO IRC, CHAPTER 9, SECTION R905 "REQUIREMENTS FOR ROOF COVERINGS"

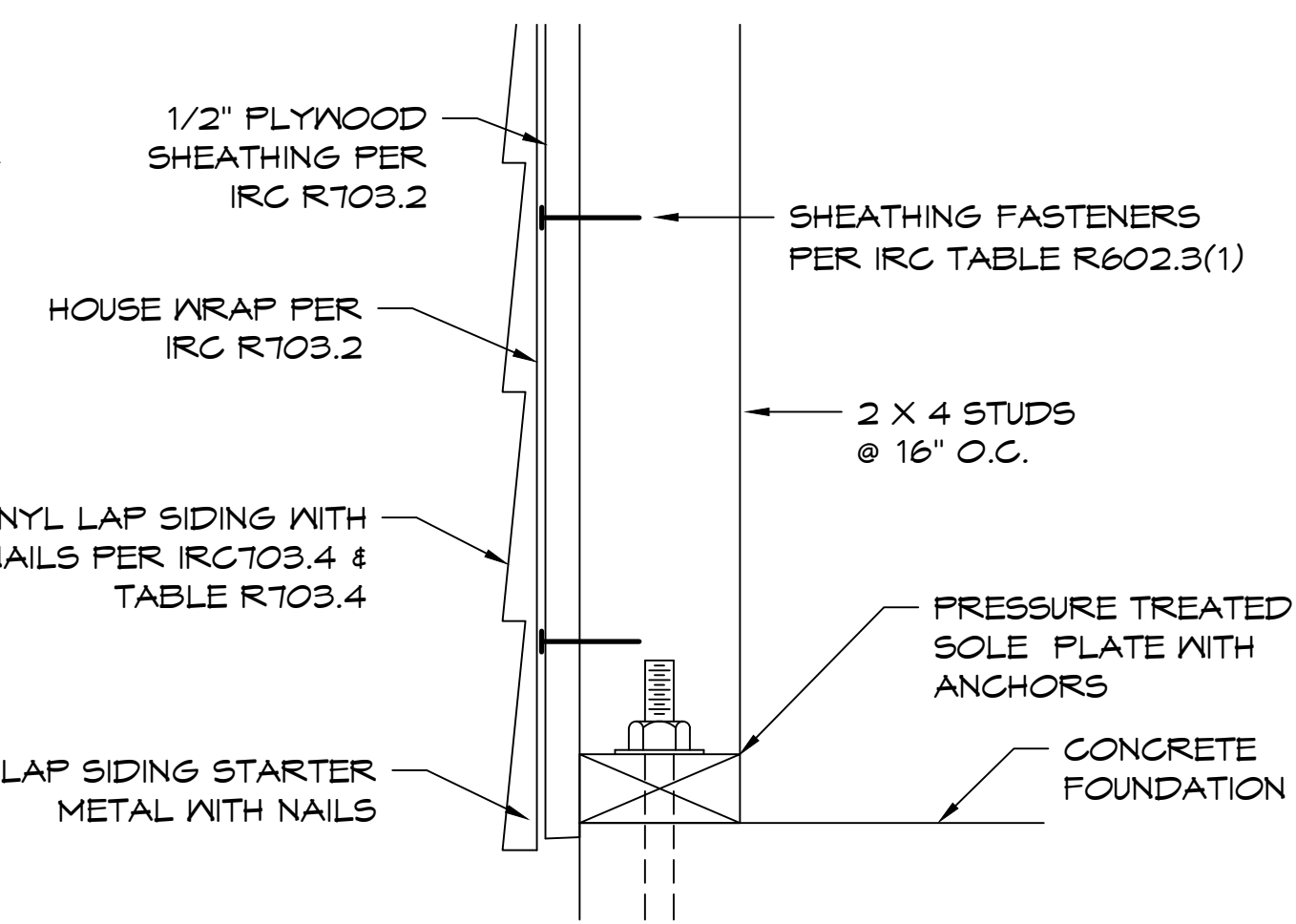
ROOF SHEATHING UNDERLAYMENT & ASPHALT SHINGLES
SCALE: NONE

ROOFING DATA AND INFORMATION:

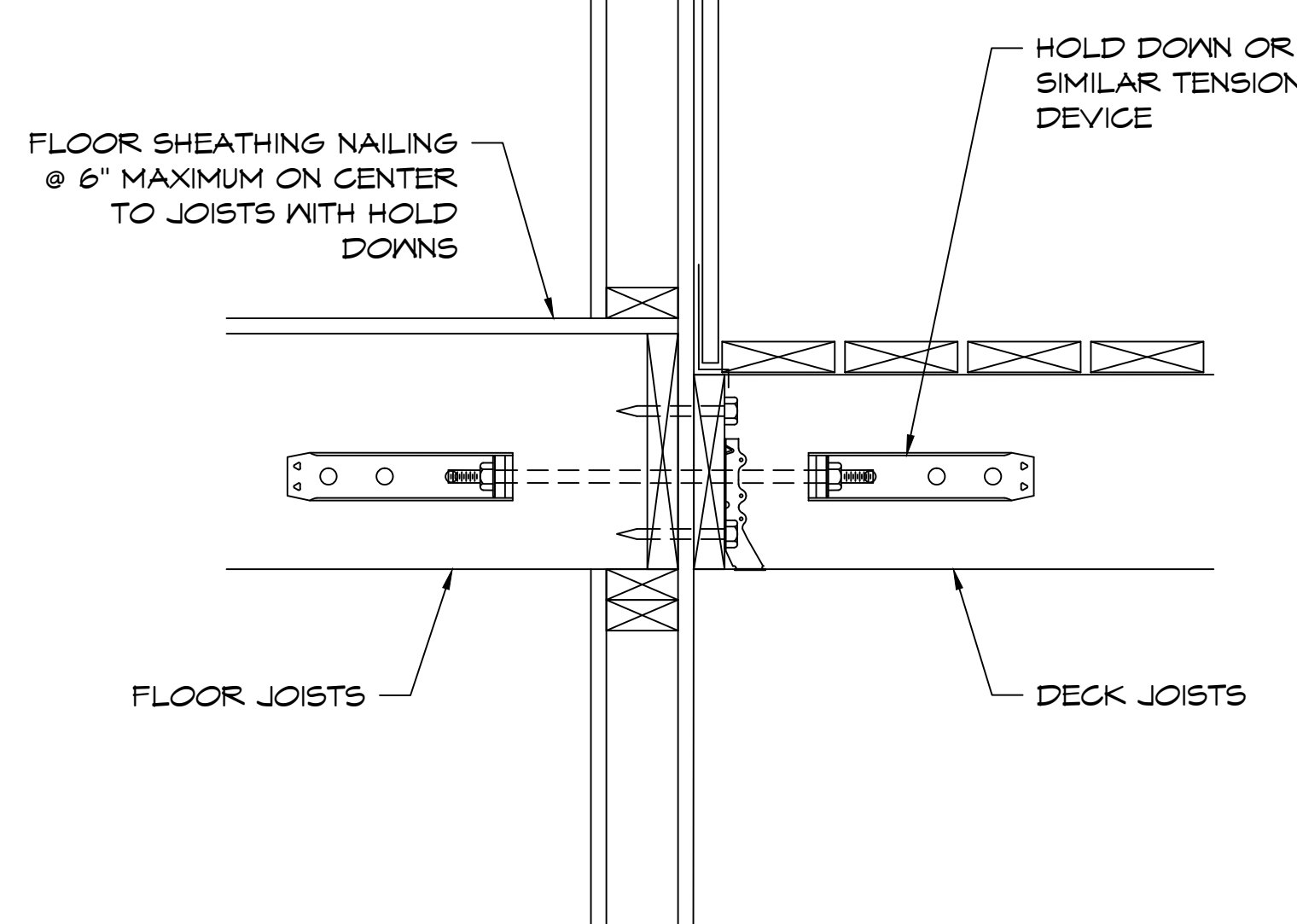
ASPHALT SHINGLE INSTALLATION: ASPHALT SHINGLES SHALL HAVE A SELF SEALING ADHESIVE STRIP AND COMPLY WITH ASTM D 225 OR D 3462. ASPHALT SHINGLES SHALL BE INSTALLED WITH (6) CORROSION RESISTANT NAILS PER SHINGLE, MINIMUM 12 GAUGE, WITH MINIMUM 3/8" DIAMETER HEAD, OF SUFFICIENT LENGTH TO PENETRATE THE ROOFING MATERIAL AND A MINIMUM OF 3/4" INTO THE ROOFING SHEATHING. FASTENERS SHALL MEET THE REQUIREMENTS OF ASTM F1667.

UNDERLAYMENT APPLICATION:

FOR ROOF SLOPES FROM TWO UNITS VERTICAL TO 12 UNITS HORIZONTAL UP TO FOUR UNITS VERTICAL TO 12 UNITS HORIZONTAL, UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER. APPLY A 19" STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EVE, APPLY 36" WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19" AND FASTENED SUFFICIENTLY TO HOLD IN PLACE. FOR ROOF SLOPES OF FOUR UNITS VERTICAL TO 12 UNITS HORIZONTAL OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER, UNDERLAYMENT SHALL BE APPLIED SINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVES AND LAPPED 2", FASTENED SUFFICIENTLY TO HOLD IN PLACE, AND LAPS SHALL BE OFFSET BY 6 FEET.



EXTERIOR CLADDING - VINYL SIDING
SCALE: NONE



DECK ATTACHMENT FOR LATERAL LOADS
SCALE: NONE

WALL SHEATHING REQUIRED FOR WIND LOAD RESISTANCE*

SHEATHING LOCATION	STUD SPACING	EDGES	FIELDS
		MAX NAIL SPAC'G F/8d COMMON OR 10d BOX NAILS (INCHES O.C.)	
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12

ROOF SHEATHING REQUIRED FOR WIND LOAD RESISTANCE*

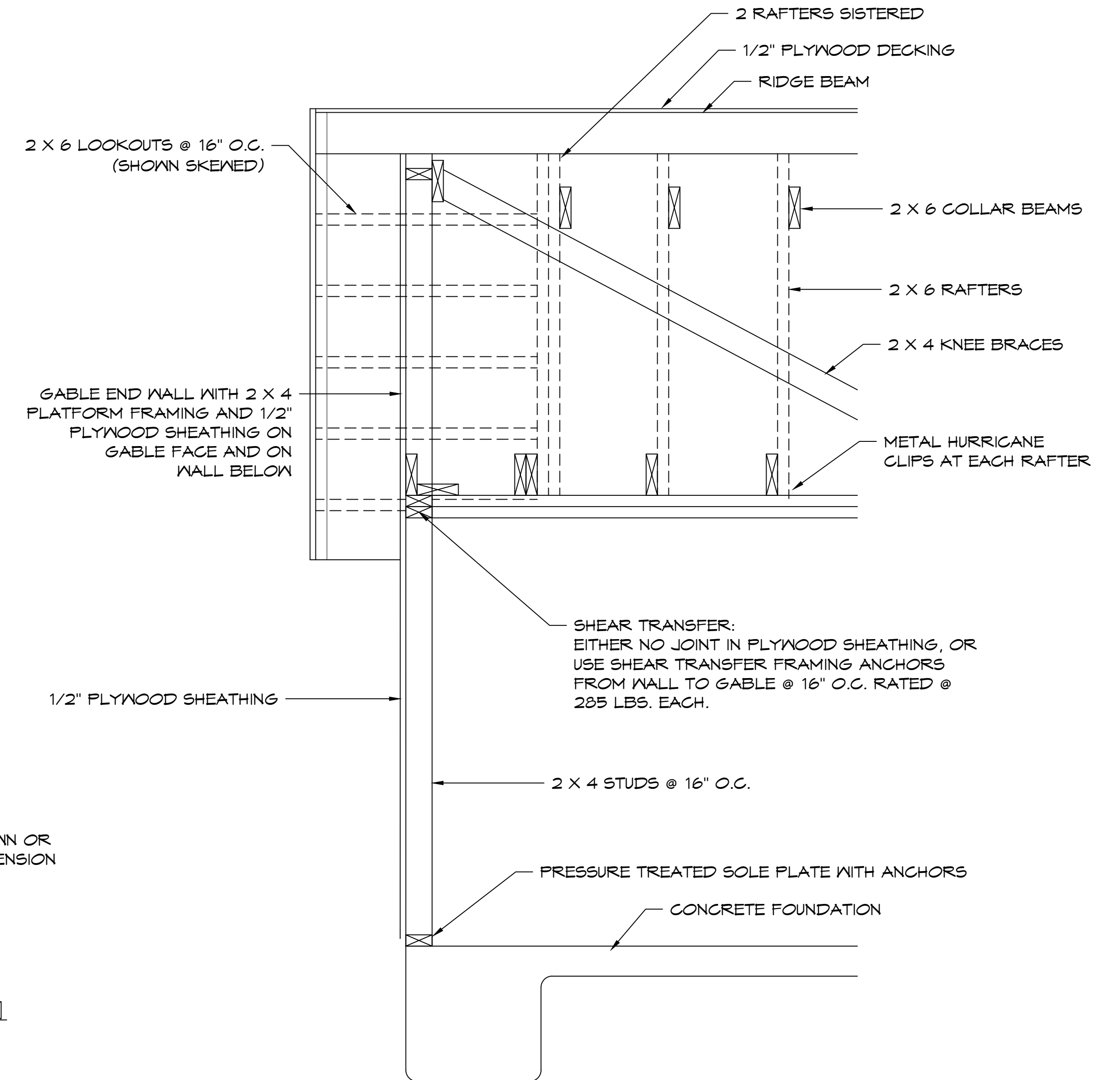
SHEATHING LOCATION	TRUSS/RAFTER SPACING	EDGES	FIELDS
		MAX NAIL SPAC'G F/8d COMMON OR 10d BOX NAILS (INCHES O.C.)	
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12

* 140 MPH WIND, EXPOSURE-B

THERMAL COMPONENT CRITERIA			
LOCATION	MATERIAL	R-VALUE	REMARKS
EXTERIOR WALLS	FIBERGLASS BATTS	R-19	
CEILINGS	FIBERGLASS BATTS	R-30	
FLOORS	FIBERGLASS BATTS	R-13	
CRAWL SPACE	RIGID INSULATION	R-5	

MAX GLAZING U-FACTOR = .75

DATA FOR ABOVE WAS TAKEN FROM THE INTERNATIONAL RESIDENTIAL CODE, SECTION N1102. TABLE N1102.1 "INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT".



FRAMING AND BRACING OF GABLE & BUILDING SHEATHING
SCALE: NONE

UPLIFT CONNECTIONS - 140 MPH WIND, EXPOSURE-B						
CONNECTION	FRAMING SPACING IN INCHES	ROOF SPAN IN FEET	UPLIFT	LATERAL	SHEAR	QTY OF 8d COMMON OR 10d BOX NAILS REQ'D IN EACH END OF 1 1/4" X 20-GA STL STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386#	246#	109R#	4
WALL ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386#	246#	109R#	4
WALL ASSEMBLY TO FOUNDATION	16" O.C.	17	170#	185#	436#	4

EXPLANATION OF UPLIFT CONNECTIONS:

ROOF ASSEMBLY TO WALL ASSEMBLY:
 UPLIFT CONNECTIONS SHALL BE FROM RAFTER/TRUSS TO WALL STUD. IF A RAFTER OR TRUSS IS NOT LOCATED DIRECTLY ABOVE A WALL STUD, THEN THE RAFTER OR TRUSS SHALL BE ATTACHED TO THE WALL TOP PLATES OF WHICH THE WALL TOP PLATES SHALL BE ATTACHED TO THE WALL STUD WITH THE UPLIFT CONNECTION NOTED IN THE TABLE ABOVE.

WALL ASSEMBLY TO WALL ASSEMBLY:
 UPPER FLOOR WALL STUD TO LOWER FLOOR WALL STUD UPLIFT CONNECTIONS SHALL BE MADE FROM THE UPPER FLOOR WALL STUD TO THE LOWER FLOOR WALL STUD. WHERE UPPER FLOOR WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE A LOWER FLOOR WALL STUD, THEN THE STUDS SHALL BE ATTACHED TO A COMMON FRAMING MEMBER IN THE FLOOR FRAMING SYSTEM BY THE UPLIFT CONNECTIONS NOTED IN THE TABLE ABOVE.

WALL ASSEMBLY TO FOUNDATION:
 LOWER FLOOR EXTERIOR WALL STUDS SHALL BE ATTACHED TO THE BOTTOM SOLE PLATE, AND THE BOTTOM SOLE PLATE SHALL BE ATTACHED TO THE FOUNDATION. THE STUDS SHALL BE ATTACHED TO THE SOLE PLATE WITH A STEEL BRACKET AS NOTED. THE SOLE PLATE SHALL BE ATTACHED TO THE CONCRETE FOUNDATION WITH EITHER A STEEL STRAP A MIN OF 1/14" X 20 GA (WITH A MIN. EMBEDMENT IN THE CONCRETE OF 7" IN SLAB-ON-GRADE AND 15" IN CONCRETE FILLED REINFORCED MASONRY FOUNDATIONS), OR AN ANCHOR BOLT AS SHOWN IN ANCHOR BOLT DETAIL ON DETAIL SHEET 1. ALL STEEL STRAPS AND ANCHOR BOLTS SHALL BE HOT DIPPED GALVANIZED OR MANUFACTURED FROM G185 OR Z450 GALVANIZED STEEL.

A RESIDENCE FOR:
MR. AND MRS. ORELLANA
 13365 BIRDIE STREET, ABITA SPRINGS, LA, 70420

SCALE: SHOWN APPROVED BY: DRAWN BY:
 DATE: 9/20/2025 ANTHONY E. PONCETTI

TYPICAL CONNECTION DETAILS

SHEET 8/9 DRAWING NUMBER: