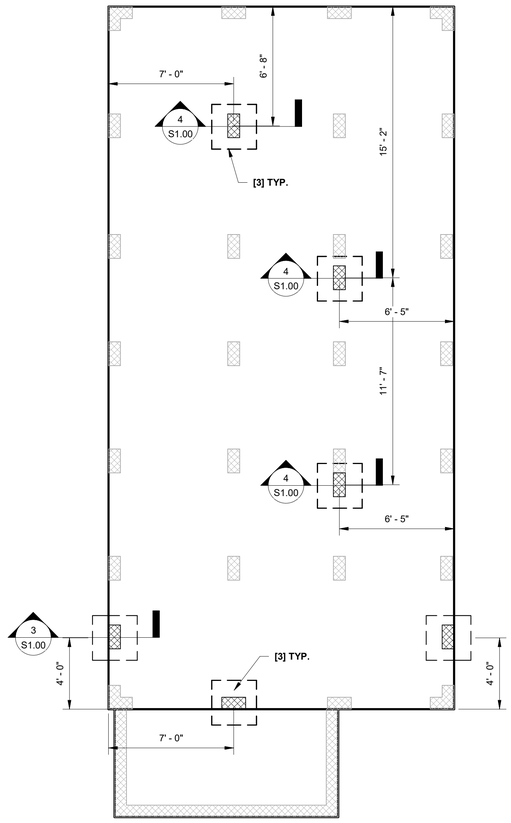
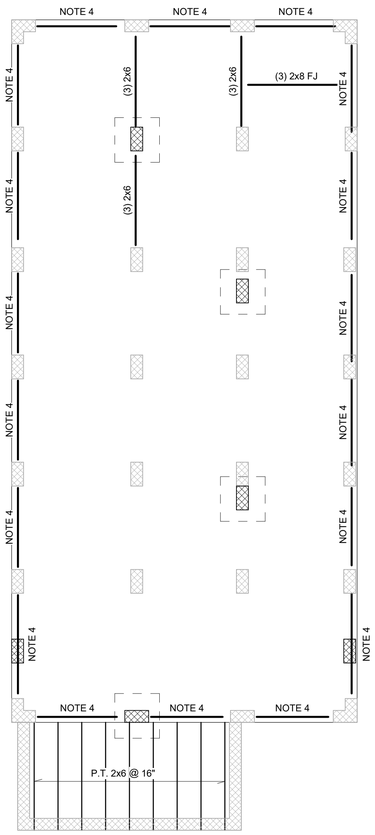


1 FOUNDATION PLAN
1/4" = 1'-0"



2 FOUNDATION FRAMING PLAN
1/4" = 1'-0"

FRAMING NOTES:

VERIFY ALL BEARING ELEVATIONS AND DIMENSIONS WITH THE ARCHITECTURAL PLANS.

ALL LUMBER SHALL MEET OR EXCEED STRESS VALUES OF SOUTHERN YELLOW PINE #2. REFER TO GENERAL NOTES FOR APPROVED TIMBER GRADE AND DESIGN VALUES. PRESSURE TREATED LUMBER IS EXPLICITLY MARKED AS P.T. IN THIS PLAN SET.

COORDINATE LOCATIONS OF MECHANICAL OPENINGS, PLUMBING SLEEVES, AND PENETRATIONS WITH ARCHITECT AND MEP CONTRACTOR.

ALL JOISTS ARE SPACED AT 16" O.C. U.N.O.

ALL LUMBER EXPOSED TO WEATHER SHALL BE NATURALLY DURABLE OR PRESSURE TREATED.

ALL ANCHORS, HOLD-DOWNS, STRAPS AND HANGERS SHALL BE GALVANIZED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.

ALL HEADERS TO BE (3) 2x8s U.N.O.

PROVIDE SOLID 2x BLOCKING BETWEEN ALL FLOOR JOISTS AND BEAMS AT BEARING POINTS. PROVIDE BLOCKING AT MID SPAN FOR ALL SPANS EXCEEDING 10'.

PROVIDE 2x STRONGBACK @ THIRD POINTS PERPENDICULAR TO ALL CEILING JOIST SPANS. AT CEILING JOISTS PARALLEL TO EXTERIOR WALLS, PROVIDE PERPENDICULAR OUTLOOKERS JOIST BEARING ON EXTERIOR WALL AND FACE NAILED TO END CEILING JOIST AT EVERY RAFTER. FASTEN TO RAFTER WITH (3) 8d NAILS.

REFER TO TYPICAL DETAILS FOR ALL CONNECTIONS AND BEARING CONDITIONS NOT EXPLICITLY NOTED ON THIS PLAN.

GENERAL NOTES FOR STRIP FOOTINGS:

THIS PLAN IS TO BE ONLY FOR THE LOCATION BELOW:

CONCRETE SHOULD HAVE MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS CONCRETE DESIGN MIX SHOULD BE IN ACCORDANCE WITH ACI-318 (LATEST VERSION).

ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60). REINFORCING STEEL SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE LATEST "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES"

REINFORCEMENT SHALL HAVE 3" COVER IN THE GRADE BEAM BOTTOMS. 3" COVER IN THE BEAM SIDES AND TOP. 1-1/2" COVER IN THE SLAB TOPS AND THE BOTTOMS, UNLESS NOTED OTHERWISE.

ALL CONCRETE SHALL BE WELL CONSOLIDATED.

THE CONTRACTOR SHALL VERIFY ALL DROPS, OFF-SET, BRICK LEDGES, AND BLOCK OUTS AN ARCHITECTURAL PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY EXIST.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL DRAWINGS WITH ALL OTHER DRAWINGS.

ALTERATION TO OR DEVIATION FROM THE INFORMATION SHOWN ON THIS SHEET WITHOUT THE WRITTEN ADVANCED APPROVAL FROM THE ENGINEER WILL VOID DESIGNERS RESPONSIBILITY.

THIS PLAN IS FOR GRADE BEAM LOCATION AND REBAR LAYOUT ONLY.

ALL RUNOFF WATER SHALL BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUBBASE.

ALL TREES WITHIN CLOSE PROXIMITY SHALL BE MOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.

NO FIELD SUPERVISION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.

GEOTECHNICAL INVESTIGATION WAS NOT PROVIDED FOR THIS PROJECT. PER IBC 2015, AN ALLOWABLE BEARING CAPACITY OF 1,000 PSF WAS USED FOR THIS FOUNDATION DESIGN.

NOTE 1:
CONTRACTOR TO VERIFY AND REPLACE ALL DAMAGED PIERS IN ACCORDANCE WITH THE FOUNDATION DETAIL PROVIDED.

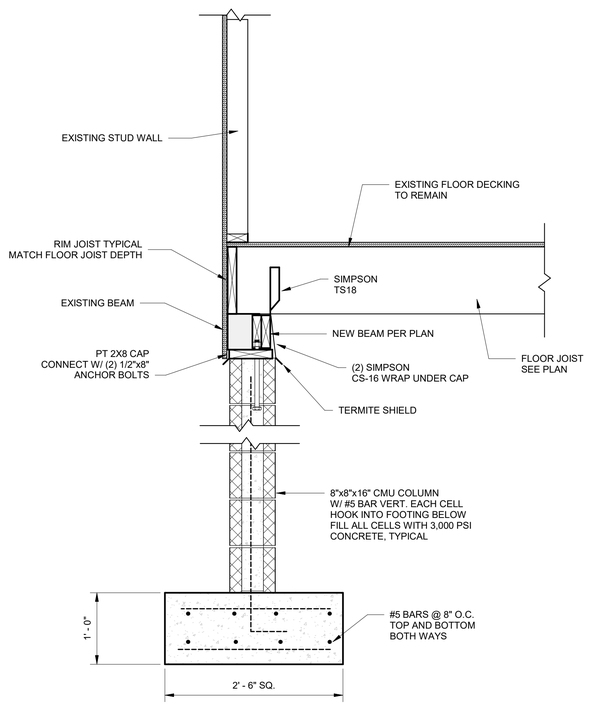
NOTE 2:
CONTRACTOR TO IDENTIFY DAMAGED OR ROTTED INTERIOR SILL BEAMS. REPLACE ALL DAMAGED INTERIOR SILL BEAMS WITH (3) 2X6 SYP #1 PT BEAMS OR BETTER. REPLACE ALL DAMAGED FLOOR JOISTS WITH 2X8 JOISTS.

NOTE 3:
CONTRACTOR TO PROVIDE NEW 8X16 CMU PIER OVER A 2'-6"x2'-6"x1'-0" THICK SPREAD FOOTING IN ACCORDANCE WITH THE DETAIL PROVIDED.

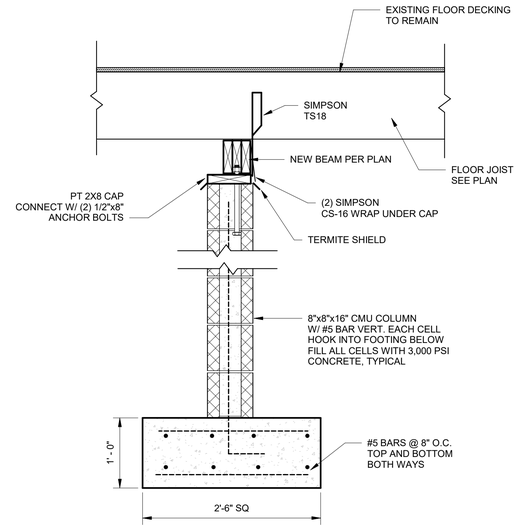
NOTE 4:
(2) 2X6 SYP #1 BEAM TO BE FASTENED TO ALL EXTERIOR BEAMS. REFER TO DETAIL 5/S4.02 FOR CONNECTION.

SOLID SAWN FRAMING LEGEND

(#) # x # (F)
- (F) — INDICATES FLUSH BEAM
- # — INDICATES DEPTH
- # — INDICATES WIDTH
- (#) — INDICATES NUMBER OF PLIES



3 TYPICAL EXTERIOR COLUMN/BEAM DETAIL
1" = 1'-0"



4 TYPICAL INTERIOR COLUMN/BEAM DETAIL
1" = 1'-0"

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TRAPOLIN RESIDENCE
8234 ZIMPLE STREET
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No.	Description	Date
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SEAL

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SE-21-1613
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TRAPOLIN RESIDENCE

FOUNDATION PLAN

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Checked by	RD

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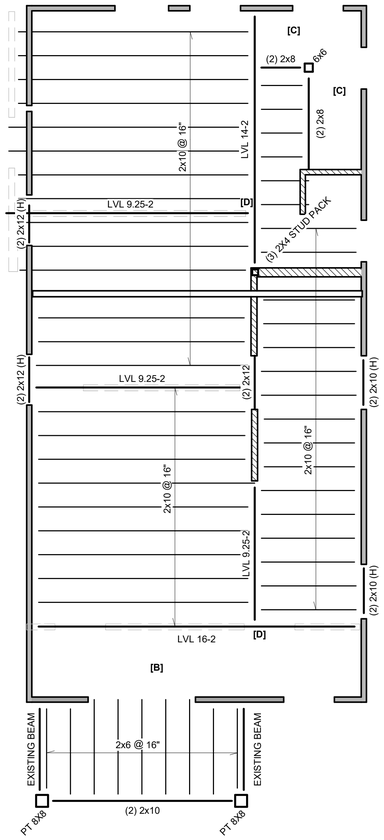
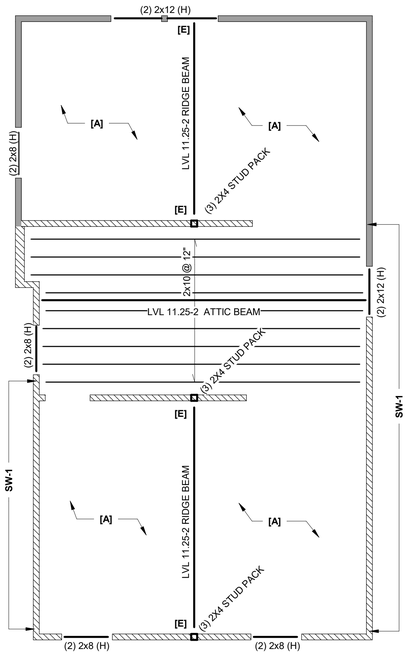
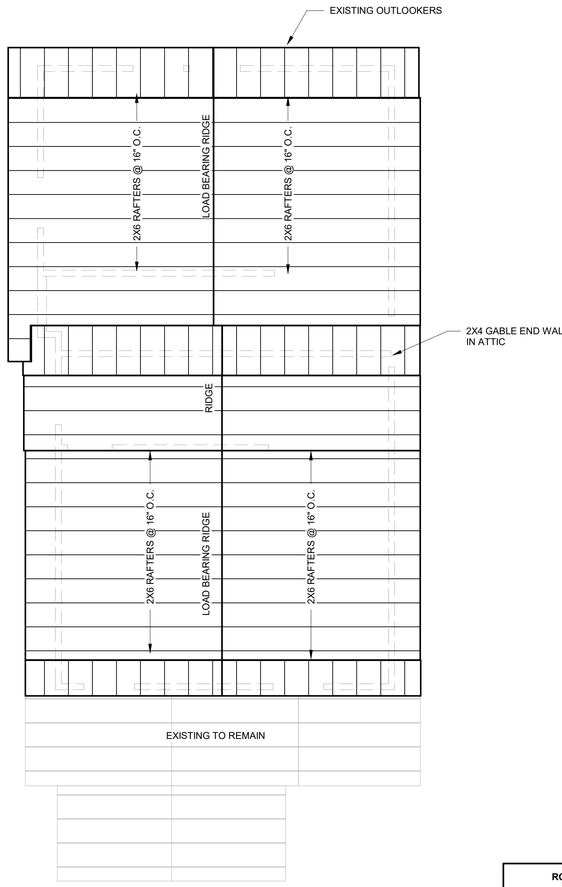


1 FIRST FLOOR CEILING FRAMING
1/4" = 1'-0"



2 SECOND FLOOR CEILING FRAMING
1/4" = 1'-0"



3 ROOF FRAMING PLAN
1/4" = 1'-0"

FRAMING NOTES:

VERIFY ALL BEARING ELEVATIONS AND DIMENSIONS WITH THE ARCHITECTURAL PLANS.

ALL LUMBER SHALL MEET OR EXCEED STRESS VALUES OF SOUTHERN YELLOW PINE #2. REFER TO GENERAL NOTES FOR APPROVED TIMBER GRADE AND DESIGN VALUES. PRESSURE TREATED LUMBER IS EXPLICITLY MARKED AS P.T. IN THIS PLAN SET.

COORDINATE LOCATIONS OF MECHANICAL OPENINGS, PLUMBING SLEEVES, AND PENETRATIONS WITH ARCHITECT AND MEP CONTRACTOR.

ALL JOISTS ARE SPACED AT 16" O.C. U.N.O.

ALL LUMBER EXPOSED TO WEATHER SHALL BE NATURALLY DURABLE OR PRESSURE TREATED.

ALL ANCHORS, HOLD-DOWNS, STRAPS AND HANGERS SHALL BE GALVANIZED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS.

ALL HEADERS TO BE (3) 2x8s U.N.O.

PROVIDE SOLID 2x BLOCKING BETWEEN ALL FLOOR JOISTS AND BEAMS AT BEARING POINTS. PROVIDE BLOCKING AT MID SPAN FOR ALL SPANS EXCEEDING 10'.

PROVIDE 2x STRONGBACK @ THIRD POINTS PERPENDICULAR TO ALL CEILING JOIST SPANS. AT CEILING JOISTS PARALLEL TO EXTERIOR WALLS, PROVIDE PERPENDICULAR OUTLOOKERS JOIST BEARING ON EXTERIOR WALL AND FACE NAILED TO END CEILING JOIST AT EVERY RAFTER. FASTEN TO RAFTER WITH (3) 8d NAILS.

REFER TO TYPICAL DETAILS FOR ALL CONNECTIONS AND BEARING CONDITIONS NOT EXPLICITLY NOTED ON THIS PLAN.

GENERAL ROOF FRAMING NOTES:

REFER TO ARCHITECTURAL PLANS FOR ROOF BEARING ELEVATIONS, PITCHES AND DIMENSIONS.

ALL RAFTERS SHALL BE MINIMUM 2x6 SOUTHERN YELLOW PINE #2 OR EQUIVALENT (UNLESS NOTED OTHERWISE ON THIS PLAN), SPACED AT 16" O.C. 2x6 RAFTER UNBRACED LENGTH SHALL NOT EXCEED 13'-5", AND ALL BRACES SHALL TERMINATE AT LOAD BEARING WALLS OR FLOATING ATTIC BEAMS. REFER TO DETAILS FOR TYPICAL ROOF BRACING CONFIGURATION.

FLOATING ATTIC BEAMS SHALL BE PROVIDED BY THE CONTRACTOR WHERE REQUIRED TO MEET THE ABOVE BRACING CRITERIA, REFER TO SCHEDULE FOR BEAM SIZES.

RIDGE, HIP AND VALLEY RAFTERS SHALL BE OF ADEQUATE DEPTH FOR FULL DEPTH BEARING FOR OPPOSING RAFTERS. USE 1.75" LVL MEMBERS FOR REQUIRED DEPTHS GREATER THAN 11.25".

VALLEY RAFTERS SHALL BE MINIMUM 2x10 SOUTHERN YELLOW PINE #2 OR EQUIVALENT (UNLESS NOTED OTHERWISE ON THIS PLAN), VERTICALLY SUPPORTED EVERY 6' O.C. FOR SINGLE RAFTERS AND 8'-0" O.C. FOR DOUBLE RAFTERS.

BRACE ALL INTERMEDIATE RIDGES AT EACH END.

REFER TO DETAILS FOR ROOF HOLD-DOWN REQUIREMENTS AND CONNECTIONS. RAFTER CLIPS SHALL BE PROVIDED AT ALL RAFTERS.

COORDINATE LOCATIONS OF CHIMNEY, PLUMBING SLEEVES, ROOF DRAINS, PENETRATIONS AND GUTTERS WITH ARCHITECTURAL PLANS.

REFER TO GENERAL NOTES FOR TIMBER GRADE AND DESIGN VALUES.

ROOF FRAMING LEGEND

- DESIGNATES 2x6 STRONGBACK BRACE TO UNDERSIDE OF VALLY, HIP OR RIDGE
- DESIGNATES 2x6 STRONGBACK PURLIN WITH 2x6 STRONGBACK BRACES @ 48" O.C.
- DESIGNATES LOAD BEARING WALL BELOW

PROVIDE FLOATING ATTIC BEAMS AS NEEDED PER DETAILS TO TRANSFER ROOF LOADS TO BEARING WALLS.

ROOF DECKING REQUIREMENTS	
TYPE	15/32" STRUCTURAL GRADE 1 PLYWOOD
EDGE FASTENING	10d NAILS @ 6" O.C.
FIELD FASTENING	10d NAILS @ 12" O.C.

WALL FRAMING LEGEND

- 2X4 STUDS @ 16" O.C.
- EXISTING STUDS TO REMAIN
- LOAD BEARING WALL ABOVE

NOTE: ALL FIRST LEVEL WALLS SHALL BE 2X6 WALLS WITH STUDS @ 16" O.C., UNLESS NOTED OTHERWISE

NOTE [A]:
VAULT CEILING TO UNDERSIDE OF ROOF RAFTERS. SEE ROOF FRAMING PLAN FOR RAFTER SIZE.

NOTE [B]:
VERIFY SPAN DIRECTION OF EXISTING CEILING JOISTS. IF JOISTS ARE NOT RUNNING FROM EXTERIOR TO EXTERIOR WALL INSTALL 2X6 CEILING JOISTS @ 16" O.C. WITH SIMPSON LUS26 JOIST HANGERS TO BEAM.

NOTE [C]:
OPEN FOR STAIRS.

NOTE [D]:
PROVIDE SIMPSON HUS410 BEAM HANGER WHERE SHOWN.

NOTE [E]:
SECURE RIDGE BEAM TO GANGED STUDS WITH SIMPSON CS18 STRAP. SECURE GANGED STUDS TO WALL BELOW WITH SIMPSON CS18 STRAP.

SOLID SAWN FRAMING LEGEND

(#) # x #
- INDICATES DEPTH
- INDICATES WIDTH
- INDICATES NUMBER OF PLIES

ENGINEERED WOOD BEAM LEGEND

LVL ##.## - #_H *ALL LVLs TO BE APA STRESS CLASS 2.1E-3100F*
- INDICATES HEADER
- INDICATES NUMBER OF 1.75" PLIES
- INDICATES DEPTH
- INDICATES LAMINATED VENEER LUMBER

REFER TO DETAILS FOR COMPOSITE BEAM FASTENING

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SE-21-1613
12/8/2021

TRAPOLIN RESIDENCE

FRAMING PLAN

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Drawn by	TM
Checked by	RD

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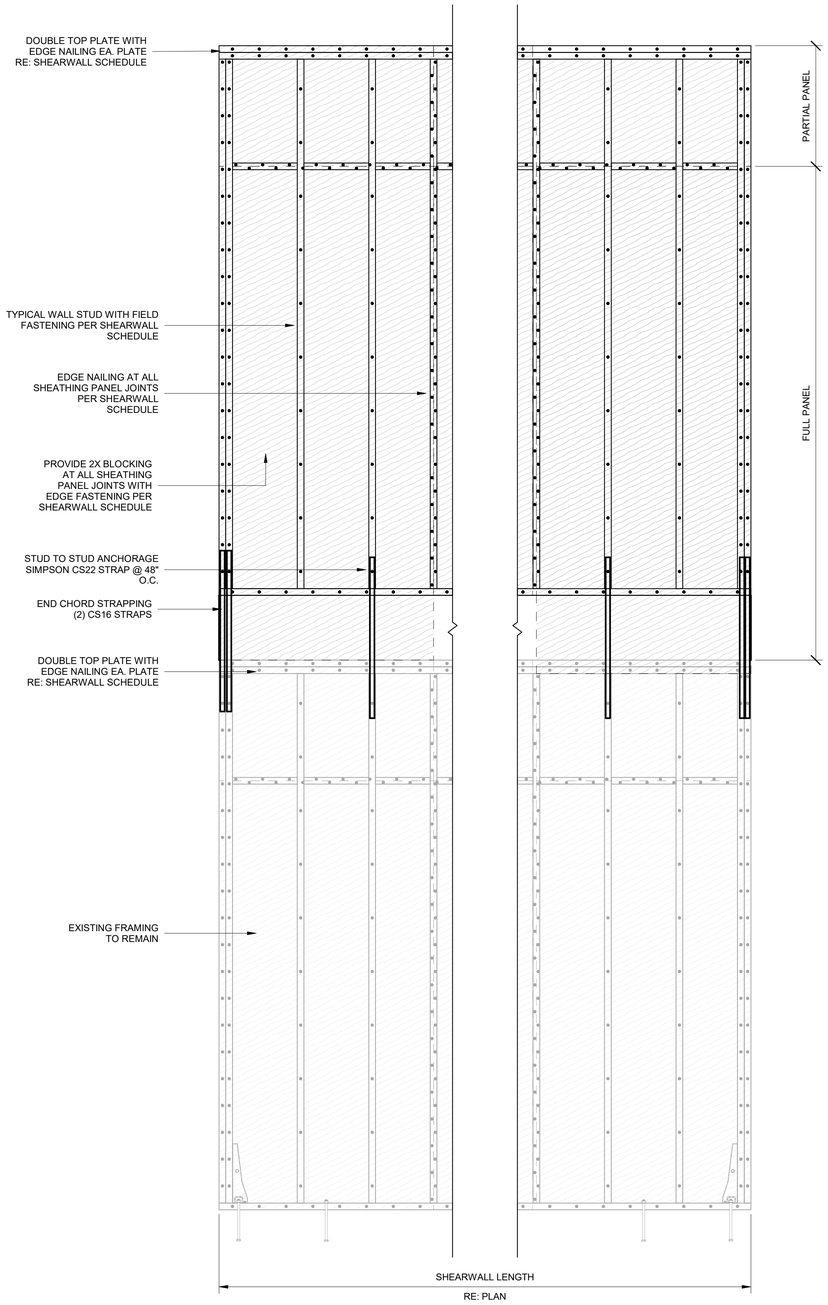
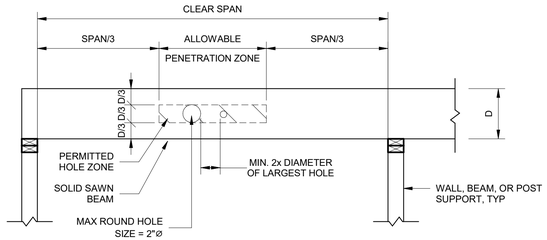


1 TWO-STORY SHEARWALL ELEVATION

3/4" = 1'-0"

SHEAR WALL SCHEDULE						
MARK	**SHEATHING**	**FASTENER SIZE**	**EDGE SPACING**	**FIELD SPACING**	**END HOLD DOWN**	**END CHORD**
SW-1	7/16" STR GRADE 1	8d	6"	12"	SIMPSON CS-16	(2) 2x

ALL UNMARKED EXTERIOR WALLS TO BE SHEATHED AND FASTENED IN ACCORDANCE WITH SW-1 WITH 1/2" DIA ANCHOR BOLTS WITH 3x3 PLATE WASHERS WITHIN 12" OF ALL OPENING AND WALL CORNERS

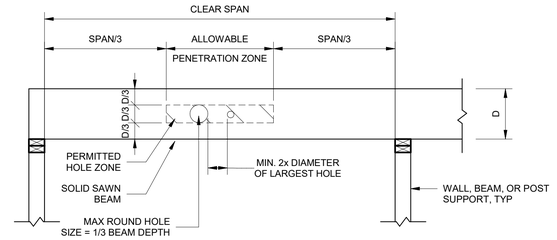


NOTES:

1. DETAIL APPLIES TO LVL AND PSL HEADERS OR BEAMS WITH DEPTHS GREATER THAN 7 1/4".
2. ALLOWABLE HOLES INDICATED ARE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM LOADING ONLY.
3. HOLES MUST BE ROUND. SQUARE HOLES NOT PERMITTED.
4. HOLES ARE PERMITTED TO BE PLACED IN THE MIDDLE 1/3 OF THE SPAN IN THE MIDDLE 1/3 OF THE BEAM ONLY.
5. DETAIL APPLIES TO BOTH SIMPLE AND CONTINUOUS SPANS.
6. HOLES ARE NOT PERMITTED TO BE PLACED IN CANTILEVERS
7. ANY CONDITION NOT COVERED BY THIS DETAIL SHALL BE SUBMITTED TO THE SEOR FOR REVIEW AND APPROVAL PRIOR TO FIELD CUTTING HOLES.

2 ALLOWABLE HOLES IN ENGINEERED BEAMS AND HEADERS

3/4" = 1'-0"



NOTES:

1. DETAIL APPLIES TO SOLID SAWN HEADERS OR BEAMS WITH DEPTHS GREATER THAN 7 1/4".
2. ALLOWABLE HOLES INDICATED ARE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM LOADING ONLY.
3. HOLES MUST BE ROUND. SQUARE HOLES NOT PERMITTED.
4. HOLES ARE PERMITTED TO BE PLACED IN THE MIDDLE 1/3 OF THE SPAN IN THE MIDDLE 1/3 OF THE BEAM ONLY.
5. DETAIL APPLIES TO BOTH SIMPLE AND CONTINUOUS SPANS.
6. HOLES ARE NOT PERMITTED TO BE PLACED IN CANTILEVERS
7. ANY CONDITION NOT COVERED BY THIS DETAIL SHALL BE SUBMITTED TO THE SEOR FOR REVIEW AND APPROVAL PRIOR TO FIELD CUTTING HOLES.

3 ALLOWABLE HOLES IN SOLID SAWN BEAMS AND HEADERS

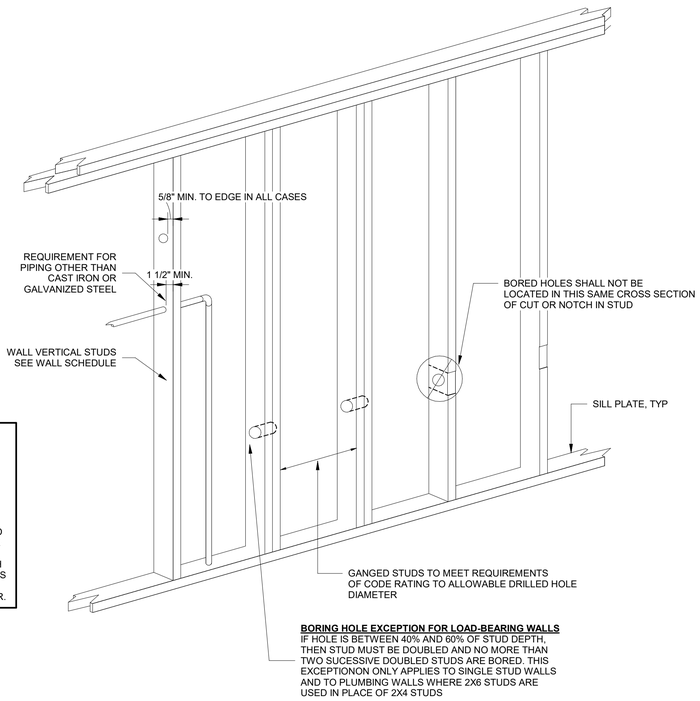
3/4" = 1'-0"

MAXIMUM BORED HOLE DIAMETER/NOTCH DEPTH WITH NO REQUIRED REPAIR OR REINFORCEMENT			
STUD SIZE (IN)	APPLICATION	MAXIMUM HOLE DIAMETER (IN)	MAXIMUM NOTCH DEPTH (IN)
2x4	NON LOAD-BEARING STUDS (INTERIOR ONLY)	2	1 3/8
	ALL EXTERIOR STUDS & LOAD BEARING STUDS	1 3/8*	7/8
2x6	NON LOAD-BEARING STUDS (INTERIOR ONLY)	3 1/4	2 3/16
	ALL EXTERIOR STUDS & LOAD BEARING STUDS	2 3/16	1 3/8

*INDICATES BORED HOLE DIAMETER FOR INTERIOR LOAD-BEARING STUDS ONLY.

GENERAL NOTES:

1. EXCEPTION FOR HOLE BORING IN INTERIOR LOAD-BEARING STUDS:
   - A. IF REQUIRED BORED HOLE DIAMETER EXCEEDS VALUE GIVEN ABOVE, BUT IS LESS THAN 60% OF THE STUD WIDTH, THEN BORED STUDS SHALL BE DOUBLED, PROVIDED NO MORE THAN TWO SUCCESSIVE DOUBLED STUD GROUPS ARE BORED.
     - a. WHERE MULTIPLE STUDS ARE SPECIFIED IN STUD WALL LEGEND, DOUBLE STUD GROUPS SHALL BE EQUAL TO TWICE THE SPECIFIED STUDS
2. WHERE NOTCHES AND/OR BORED HOLES DO NOT COMPLY WITH THIS DETAIL, THE CONTRACTOR SHALL REPORT THE CONDITIONS TO THE SEOR. CONTRACTOR SHALL NOT CONTINUE BORING OR NOTCHING UNTIL ALTERNATIVE SOLUTION IS PROVIDED BY SEOR.



BORING HOLE EXCEPTION FOR LOAD-BEARING WALLS
IF HOLE IS BETWEEN 40% AND 60% OF STUD DEPTH, THEN STUD MUST BE DOUBLED AND NO MORE THAN TWO SUCESSIVE DOUBLED STUDS ARE BORED. THIS EXCEPTIONON ONLY APPLIES TO SINGLE STUD WALLS AND TO PLUMBING WALLS WHERE 2X6 STUDS ARE USED IN PLACE OF 2X4 STUDS

4 ALLOWABLE STUD WALL PENETRATION SCHEDULE

1" = 1'-0"

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WALL FRAMING DETAILS

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S3.00

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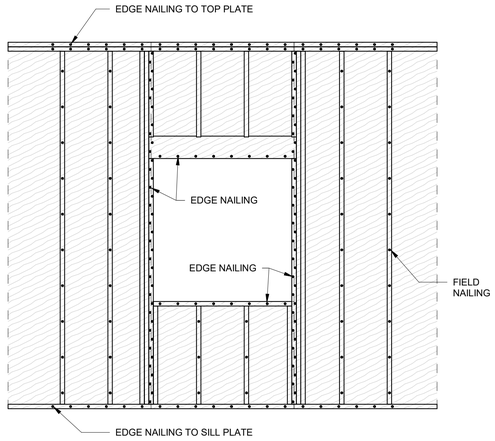
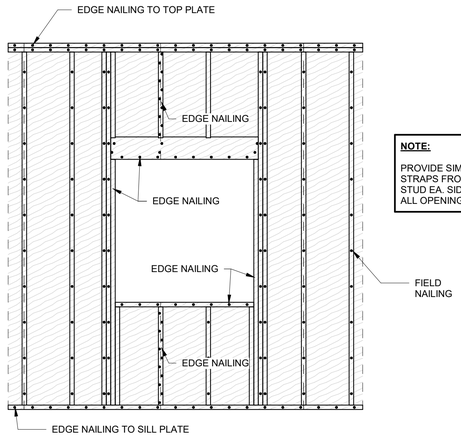


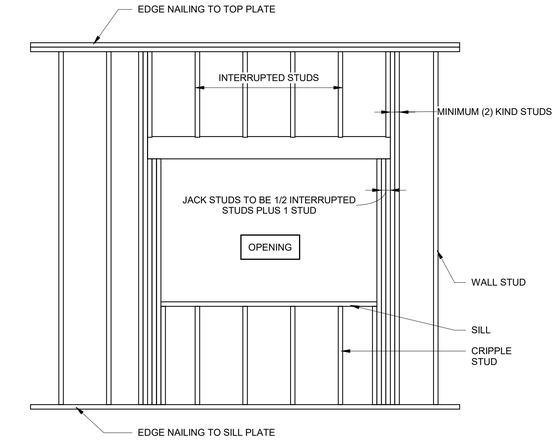
1 TYPICAL HEADER SHEATHING
1/2" = 1'-0"



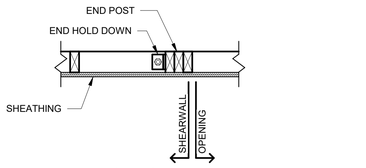
NOTE:

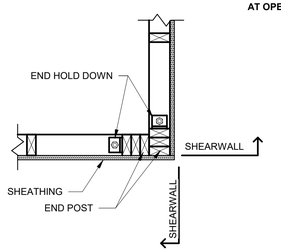
PROVIDE SIMPSON MSTA18 STRAPS FROM HEADER TO JACK STUD EA. SIDE OF OPENING FOR ALL OPENINGS LARGER THAN 6'-0"

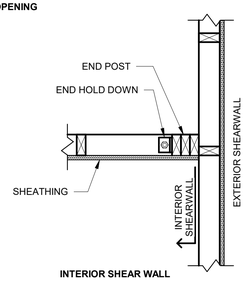
2 TYPICAL JOINT IN HEADER SHEATHING
1/2" = 1'-0"



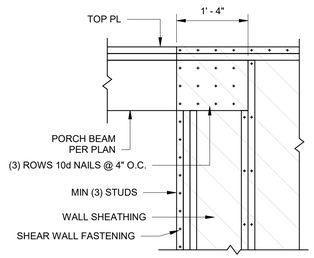
3 TYPICAL JACK AND KING STUD DETAIL
1/2" = 1'-0"



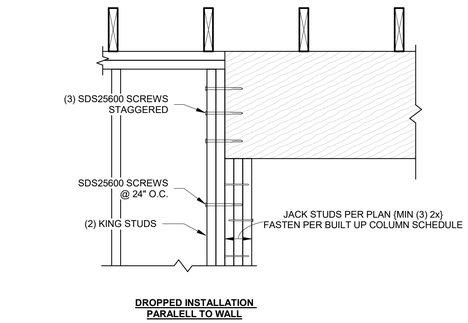




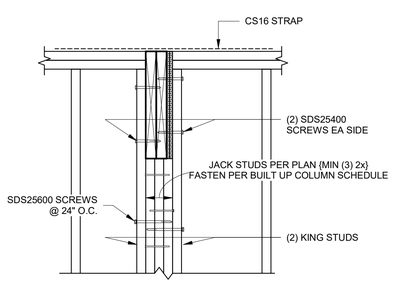
4 TYPICAL SHEARWALL CONDITIONS
1" = 1'-0"



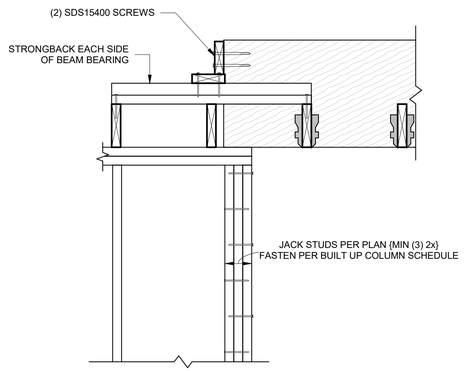
5 PORCH BEAM AT EXTERIOR WALL DETAIL
3/4" = 1'-0"



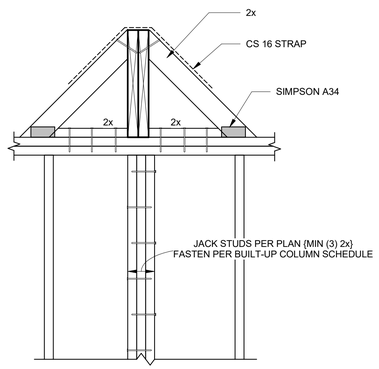
DROPPED INSTALLATION PARALELL TO WALL



DROPPED INSTALLATION PERPENDICULAR TO WALL



FLUSH INSTALLATION PARALELL TO WALL



FLUSH INSTALLATION PERPENDICULAR TO WALL

6 TYPICAL BEAM INSTALLATION
1" = 1'-0"

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TRAPOLIN RESIDENCE
8234 ZIMPLE STREET
NEW ORLEANS, LOUISIANA 70118

No.	Description	Date
1	Issued for Permit	12.8.2021

SEAL

STATE OF LOUISIANA
RYAN C. DUNLEVY
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CIVIL ENGINEERING

SE-21-1613
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WALL FRAMING DETAILS

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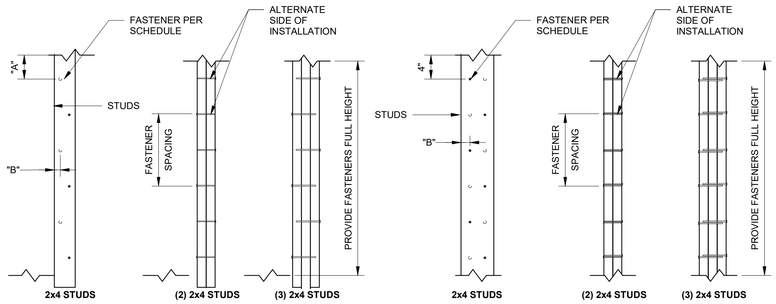
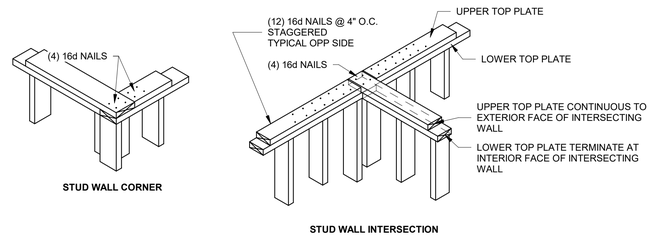
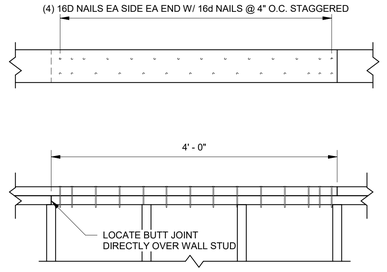


2x4 BUILT UP COLUMN					
	QUANTITY OF STUDS	**FASTENERS**	**SPACING**	**"A" END DISTANCE**	**"B" EDGE DISTANCE**
	(2) 2x	10d COMMON NAILS	(1) ROW @ 6" STAGGERED	2 1/2"	1"
	(3) 2x	20d COMMON NAILS	(1) ROW @ 8" STAGGERED	3 1/2"	1 1/2"
	(4) 2x	SIMPSON SDW22600	(1) ROW @ 8" STAGGERED	4"	1 1/2"
	(5) 2x	1/2" ⌀ THRU BOLTS	(1) ROW @ 9" STAGGERED	3 1/2"	1 1/2"
2x6 BUILT UP COLUMN					
	QUANTITY OF STUDS	**FASTENERS**	**SPACING**	**"A" END DISTANCE**	**"B" EDGE DISTANCE**
	(2) 2x	10d COMMON NAILS	(2) ROW @ 6"	2 1/2"	1"
	(3) 2x	20d COMMON NAILS	(2) ROW @ 8"	3 1/2"	1 1/2"
	(4) 2x	SIMPSON SDW22600	(2) ROW @ 8"	4"	1 1/2"
	(5) 2x	1/2" ⌀ THRU BOLTS	(2) ROW @ 9"	3 1/2"	1 1/2"

1 BUILT UP COLUMN DETAIL/SCHEDULE
1" = 1'-0"

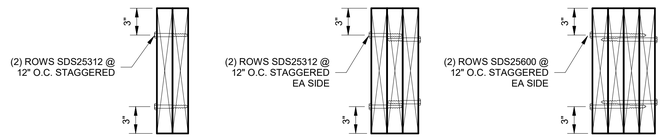


2 TYPICAL TOP PLATE CONDITIONS
1/2" = 1'-0"

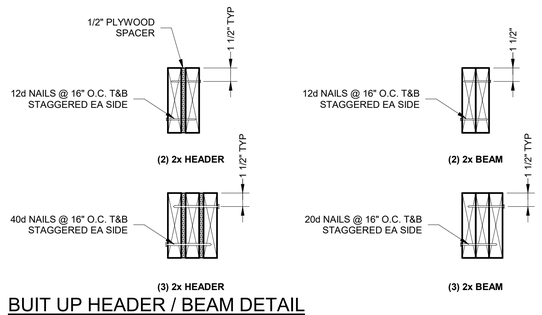


3 TYPICAL TOP PLATE SPLICE
1" = 1'-0"

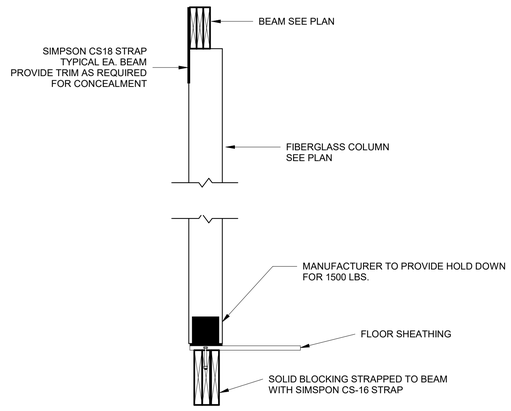
PROVIDE ADDITIONAL ROW OF FASTENERS AT DESIGNATED SPACING CENTERED ON BEAM FOR LVLs GREATER THAN 18" DEEP



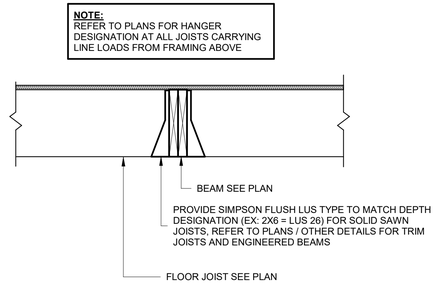
4 MULTI-PLY LVL FASTENING
1 1/2" = 1'-0"



5 BUIT UP HEADER / BEAM DETAIL
1 1/2" = 1'-0"



6 TYPICAL PIER AND BEAM COLUMN CAP/BASE DETAIL
3/4" = 1'-0"



7 TYPICAL FLUSH JOISTS TO BEAM
1" = 1'-0"

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WALL FRAMING DETAILS

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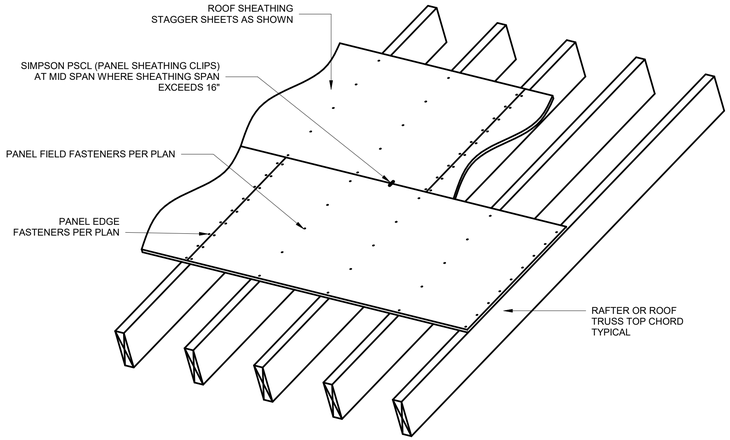
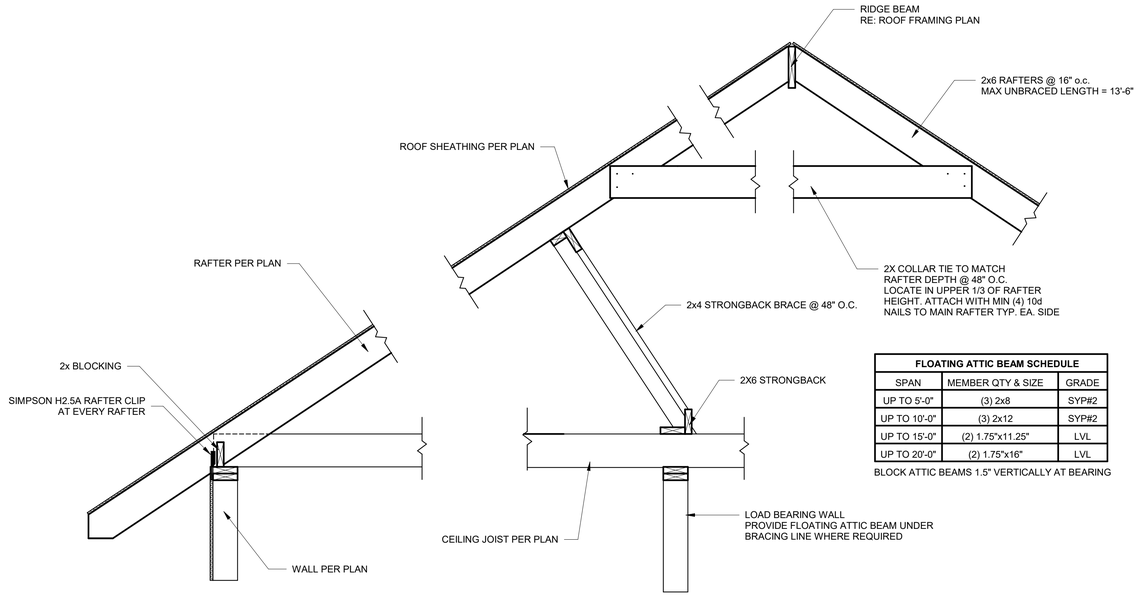


1 TYPICAL ROOF SHEATHING DETAIL
1" = 1'-0"

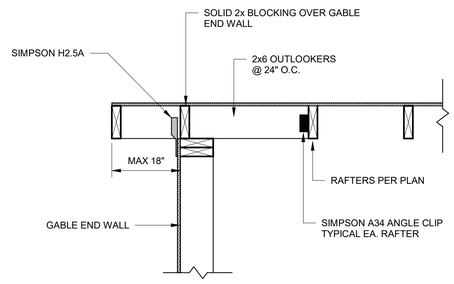


FLOATING ATTIC BEAM SCHEDULE		
SPAN	MEMBER QTY & SIZE	GRADE
UP TO 5'-0"	(3) 2x8	SYP#2
UP TO 10'-0"	(3) 2x12	SYP#2
UP TO 15'-0"	(2) 1.75"x11.25"	LVL
UP TO 20'-0"	(2) 1.75"x16"	LVL

BLOCK ATTIC BEAMS 1.5" VERTICALLY AT BEARING

2 TYPICAL ROOF FRAMING
3/4" = 1'-0"

3 TYPICAL CRIPPLE WALL RAFTER BEARING
3/4" = 1'-0"



4 TYPICAL GABLE EXTENDER DETAIL
1" = 1'-0"

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ROOF FRAMING DETAILS

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GENERAL

ALL DESIGN LOADS SHOWN ON THE STRUCTURAL PLANS ARE ALLOWABLE STRESS DESIGN (UNFACTORED) SERVICE LOADS.

ALL METHODS, PROCEDURES, AND SEQUENCES OF WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ENSURE ALL PRECAUTIONS ARE TAKEN TO MAINTAIN THE INTEGRITY OF THE STRUCTURE THROUGHOUT ALL STAGES OF CONSTRUCTION.

REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR ALL ITEMS OMITTED FROM THE STRUCTURAL PLANS.

IF A CONFLICT IS OBSERVED IN THE STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD FOR PROPER GUIDANCE AND CLARIFICATION PRIOR TO CONSTRUCTION.

THE STRUCTURAL INTEGRITY OF THE DESIGN DEPENDS ON THE FULL INTERACTION OF ALL ITS FRAMING MEMBERS AND CLADDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY SHORE AND BRACE ALL STAGES OF CONSTRUCTION UNTIL THE STRUCTURE IS COMPLETED.

THE GENERAL CONTRACTOR SHALL COORDINATE THE STRUCTURAL DRAWINGS WITH ALL OTHER DRAWINGS.

ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, AND QUANTITIES SHALL BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO ANY FABRICATION OR INSTALLATION.

SCALING OF THE STRUCTURAL DRAWINGS SHALL NOT BE PERMITTED. IF ANY DIMENSIONS VITAL TO CONSTRUCTION ARE NOT SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS, CONTRACTOR SHALL SEND FORMAL REQUEST TO THE ARCHITECT OR ENGINEER OF RECORD FOR CLARIFICATION.

CODES AND DESIGN SPECIFICATIONS

BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC) 2015

AMERICAN CONCRETE INSTITUTE (ACI 318 LATEST EDITION)

NATIONAL DESIGN SPECIFICATION FOR WOOD FRAMING (NDS 2015)

DESIGN LOADS

- FLOOR DESIGN LOADS

  DEAD LOAD = 10 PSF
  LIVE LOAD = 40 PSF

- ROOF DESIGN LOADS

  ROOF COLLATERAL DEAD LOAD = 10 PSF
  LIVE LOAD = 20 PSF
  CEILING LIVE LOAD = 20 PSF

- WIND LOAD CRITERIA

  WINDSPEED = 142 MPH
  OCCUPANCY CATEGORY = II
  EXPOSURE = B

COMPONENTS AND CLADDING WIND PRESSURES

Effective Area	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
10 SF	32 /-35	32 /-41	32 /-41	35 /-38	35 /-47

PRESSURES ARE GIVEN IN LRFD FORMAT

WOOD FRAMING - GENERAL:

ALL WORK SHALL BE IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATION FOR WOOD PRODUCTS", LATEST EDITION, BY THE AMERICAN FOREST & PAPER ASSOCIATION, AMERICAN WOOD COUNCIL AND "PANEL DESIGN SPECIFICATIONS", LATEST EDITION, BY APA - THE ENGINEERED WOOD ASSOCIATION.

ALL SOLID SAWN WOOD SPECIES SHALL BE SOUTHERN YELLOW PINE #2 WITH A MAXIMUM MOISTURE CONTENT OF 19% UNLESS NOTED OTHERWISE.

ALL WOOD MEMBERS IN DIRECT CONTACT WITH CONCRETE OR EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED.

LAMINATED VENEER LUMBER (LVL) MEMBERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
Fb = 3100 psi Fv = 285 psi E = 2000 ksi

MEMBERS MAY BE MULTIPLE OR SINGLE PLY TO ACHIEVE THE THICKNESS SPECIFIED. WHERE MULTIPLE PLY MEMBERS ARE USED, FASTEN MEMBERS PER THE MANUFACTURER REQUIREMENTS TO OBTAIN THE CAPACITY OF A SINGLE PLY MEMBER.

PARALLEL STRAND LUMBER (PSL) MEMBERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
Fb = 2400 psi Fc = 2500 psi E = 1800 ksi - COLUMNS
Fb = 2900 psi Fv = 290 psi E = 2000 ksi - BEAMS

GLUE LAMINATED BEAMS (24F-2.1E SP) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
Fb = 2,400 psi Fv = 300 psi E = 1,800 ksi

SPLICES ARE NOT PERMITTED IN RAFTERS, BEAMS, OR POSTS EXCEPT AT SUPPORTS.

RAFTERS, JOISTS, AND BEAMS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH INTERIOR SUPPORT BY SOLID BLOCKING EXCEPT WHERE THE ENDS OF THE MEMBERS ARE FASTENED TO A HEADER, BAND OR RIM BOARD.

NOTCHES AND HOLES BORED IN STUDS OR JOISTS SHALL FOLLOW FRAMING REQUIREMENTS OF IBC 2012, REFER TO FIGURE 2308.8.2 "CUTTING, NOTCHING AND BORING JOISTS" AND FIGURE 2308.9.10 "CUTTING, NOTCHING AND BORED HOLES IN STUDS". PROVIDE METAL TIES AS REQUIRED BY CODE. DO NOT NOTCH, CUT OR BORE HOLES THROUGH COLUMNS OR BEAMS.

MULTIPLE STUDS, WITH (2) OR MORE STUDS, SHALL BE NAILED TOGETHER WITH EACH STUD NAILED TO THE ADJACENT STUD WITH (2) ROWS 16d NAILS AT 12" OC STAGGERED AT 6" OC, UNLESS NOTED OTHERWISE.

NAIL MULTIPLE PLY HORIZONTAL MEMBERS (BEAMS, HEADERS, ETC) WITH (2) ROWS 16d NAILS AT 12" OC TOP AND BOTTOM, UNO. BOLT 3 AND 4 PLY LVL'S WITH (2) ROWS OF 1/2" DIAMETER THRU-BOLTS AT 24" OC (STAGGER AT 12" OC), UNO. SPLICES ARE NOT PERMITTED IN ANY PLY BETWEEN SUPPORTS.

ROOF AND FLOOR SHEATHING ARE DESIGNED AS DIAPHRAGMS. SPAN DIRECTION OF SHEETS SHALL BE PERPENDICULAR TO FRAMING AND JOINTS SHALL BE STAGGERED. MAINTAIN 1/8" GAP BETWEEN ENDS AND EDGES OF PANELS. REFER TO TYPICAL FRAMING DETAILS FOR ADDITIONAL INFORMATION AND ATTACHMENT SPACING.

WOOD FRAMING - CONNECTIONS:

THE NUMBER AND SIZE OF FASTENERS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THAT SET FORTH IN THE IBC 2012 "FASTENING SCHEDULE" UNLESS NOTED AS GREATER ON DRAWINGS.

BEAM TO BEAM FLUSH CONNECTIONS SHALL BE MADE USING MANUFACTURED BEAM HANGERS PER THE STRUCTURAL DETAILS.

CONNECTORS AND FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. INCLUDING BUT NOT LIMITED TO ANCHOR BOLTS, POWER ACTUATED FASTENERS, NAILS, SCREWS, BOLTS AND METAL FRAMING HARDWARE. THE ZINC COATING WEIGHTS SHALL BE IN ACCORDANCE WITH ASTM A153. SEE IBC SECTION 2304.9.5.

CONNECTORS SHALL BE GALVANIZED AND MANUFACTURED BY SIMPSON STRONG-TIE COMPANY OR APPROVED ALTERNATE. INSTALL ALL CONNECTORS PER MANUFACTURER'S RECOMMENDATIONS. USE TYPE, SIZE AND QUANTITY OF FASTENERS IN CONNECTORS SPECIFIED BY CONNECTOR MANUFACTURER. WHERE FASTENER OPTIONS ARE GIVEN BY THE MANUFACTURER, INSTALL TYPE, SIZE AND QUANTITY OF FASTENERS REQUIRED TO ACHIEVE THE MAXIMUM RATED CONNECTOR CAPACITY.

ALL STEEL CAPS, BRACKETS, HANGERS, BASE PLATES AND BOLTS EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED.

NAILS NOTED IN NOTES, SECTION, PLANS, AND DETAILS ARE COMMON WIRE NAILS, UNLESS NOTED OTHERWISE. PNEUMATIC GUN NAILING IS ALLOWED WITH UNITS OF EQUIVALENT GAGE AND LENGTH AS COMMON WIRE NAIL OF SIZE NOTED. ENSURE THAT ALL OVERDRIVEN OR CROOKED NAILS ARE REMOVED AND PROPERLY REPLACED.

ALL BOLT HEADS AND NUTS BEARING ON WOOD SHALL HAVE STANDARD CUT WASHERS, UNLESS NOTED OTHERWISE. ALL BOLT HOLES IN WOOD SHALL BE DRILLED 1/32" DIAMETER LARGER THAN NORMAL BOLT DIAMETER.

BOLTS IN WOOD SHALL NOT BE LESS THAN 7 DIAMETERS FROM THE END AND 4 DIAMETERS FROM THE EDGE OF THE MEMBER.

WOOD FRAMING - WALLS:

LOAD BEARING WALL STUDS SHALL BE AS NOTED ON THE DRAWINGS.

AT EXTERIOR LOAD BEARING WALLS, CONTINUOUS STUDS EACH SIDE OF HEADER (KING STUDS) SHALL BE EQUAL TO 1/2 OF THE INTERRUPTED STUD PLUS ONE STUD AT EACH SIDE. USE A MINIMUM (2) KING STUDS AND (2) JACK STUDS EACH SIDE OF HEADER OPENING.

AT INTERIOR LOAD BEARING WALLS PROVIDE (1) FULL HEIGHT KING STUD AND (2) JACK STUDS EACH SIDE OF HEADER OPENING,

HEADERS FOR 2x6 WOOD FRAMED WALLS TO BE (3) 2x8, UNLESS NOTED OTHERWISE.

STUD WALLS SHALL BE BRACED UNTIL ALL DECKING, SHEAR PANELS AND ROOF TRUSSES ARE IN PLACE. PROVIDE 2x BLOCKING AT MID HEIGHT OF ALL BEARING WALLS OR AT 4'-0" MAXIMUM SPACING.

WOOD BEAMS AND MULTI-PLY TRUSSES SHALL BEAR ON MULTIPLE STUDS AND HAVE THE SAME NUMBER OF STUDS AS NUMBER OF BEAM/TRUSS PLIES (2 MINIMUM), UNLESS A GREATER NUMBER IS NOTED ON THE DRAWINGS.

JAMB, BEAM, MULTI-PLY TRUSS SUPPORT STUDS/POSTS SHALL BE CONTINUOUS DOWN TO FOUNDATION OR TRANSFER BEAM/HEADER BELOW. PROVIDE VERTICAL 2X STUDS OR SOLID BLOCKING THROUGH JOIST/TRUSS CAVITY TO MATCH STUD GROUP ABOVE. AT BEAMS, ADD SUFFICIENT BLOCKS TO EACH END OF BEAM TO MATCH STUD GROUP ABOVE.

WALL STUDS SHALL BE CONTINUOUS BETWEEN FLOORS, CEILING, AND ROOF. WHERE EXTERIOR WALLS SPAN TWO STORIES WITHOUT INTERMEDIATE SUPPORT FROM A FLOOR, STUDS SHALL BE FULL LENGTH FOR THE TWO STORIES. STUDS SHALL NOT BE SPLICED AT THE "PLATE HEIGHT" WHEN NO ROOF, CEILING, OR FLOOR PROVIDES LATERAL SUPPORT AT THAT HEIGHT.

EXTERIOR WALLS SHALL BE COMPLETELY SHEATHED WITH APA RATED, EXTERIOR GRADE, OSB OR PLYWOOD SHEATHING, UNO.

EXTERIOR SHEATHING SHALL BE MADE CONTINUOUS FROM FOUNDATION TO ROOF AND HORIZONTALLY CONTINUOUS FROM BUILDING CORNER TO BUILDING CORNER AND AROUND OPENINGS BY NAILING TO STUDS, BLOCKING, ETC. IN WALL TO CONTINUE THROUGH INTERSECTING WALLS AND FLOORS.

INTERIOR SHEATHING AT SHEAR WALLS SHALL BE MADE CONTINUOUS FROM FOUNDATION TO TOP OF SHEAR WALL AND HORIZONTALLY CONTINUOUS FROM END OF SHEAR WALL TO END OF SHEAR WALL BY FASTENING TO STUDS, BLOCKING, ETC. IN WALL TO CONTINUE THROUGH INTERSECTING WALLS AND FLOORS.

REFER TO PLANS FOR SHEARWALL LOCATIONS, DETAILS AND ANCHORAGE REQUIREMENTS.

WALL DOUBLE TOPPED PLATES SHALL BE LAPPED AT CORNERS AND INTERSECTIONS AND FASTENED PER IBC 2015 "FASTENING SCHEDULE" AND PER THE DRAWING DETAILS. ALL DOUBLE PLATE END JOINTS SHALL BE OFFSET AT LEAST 48", UNO.

SILL PLATES FOR EXTERIOR WALLS, LOAD BEARING INTERIOR WALLS, AND SHEAR WALLS SHALL BE ATTACHED TO SLAB PER DRAWING DETAILS AND SCHEDULES. THERE SHALL BE A MINIMUM OF TWO BOLTS OR ANCHOR STRAPS PER SILL PIECE WITH ONE BOLT OR ANCHOR STRAP LOCATED NOT MORE THAN 12" OR LESS THAN 4" FROM EACH END OF EACH SILL PIECE.

SILL PLATES FOR WALLS WHICH ARE NOT SHEAR WALLS OR EXTERIOR WALLS MAY BE ATTACHED TO SLAB WITH 0.145"⌀ POWDER ACTUATED FASTENERS (PAF) WITH 11/4" MINIMUM EMBEDMENT (HILTI X-DNI 72P8S36 OR EQUIVALENT). AT LEAST ONE PIN FASTENER SHALL BE LOCATED AT A MINIMUM OF 6" FROM THE END OF THE PLATE AND ANOTHER AT 10" FROM THE PLATE END. MAXIMUM SPACING OF PAF. SHALL BE 12" OC

WOOD FRAMING - ROOF:

ROOF DECK SHEATHING SHALL BE AS SPECIFIED ON THE DRAWINGS.

ROOF SHEATHING SHALL RUN CONTINUOUS BELOW ALL DORMERS, CUPOLAS, CHIMNEYS, AND VALLEY TRUSSES UNLESS NOTED OTHERWISE.

PROVIDE ONE ROW OF BRIDGING BETWEEN ROOF JOISTS AT 8'-0" OC, MAX.

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GENERAL NOTES

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FASTENING SCHEDULE TABLE 2304.9.1 (2012 IBC)		
CONNECTION	FASTENING	LOCATION
1. JOIST TO SILL OR GIRDER	(3) - 8d COMMON (2 1/2" x 0.131") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	TOENAIL
2. BRIDGING TO JOIST	(2) - 8d COMMON (2 1/2" X 0.131") (2) - 3" x 0.131" NAILS (2) - 3" 14 GAGE STAPLES	TOENAIL EACH END
3. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST	(2) - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
4. WIDER THAN 1" x 6" SUBFLOOR TO EACH JOIST	(3) - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
5. 2" SUBFLOOR TO JOIST OR GIRDER	(2) - 16d COMMON (3 1/2" x 0.162")	BLIND AND FACE NAIL
6. SOLE PLATE TO JOIST OR BLOCKING SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	16d (3 1/2" X 0.135") AT 16" OC 3" x 0.131" NAILS AT 8" OC 3" 14 GAGE STAPLES AT 12" OC (3) - 16d (3 1/2" X 0.135") AT 16" OC (4) - 3" x 0.131" NAILS AT 16" (4) - 3" 14 GAGE STAPLES AT 16"	TYPICAL FACE NAIL BRACED WALL PANELS
7. TOP PLATE TO STUD	(2) - 16d COMMON (3 1/2" X 0.162") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	END NAIL
8. STUD TO SOLE PLATE	(4) - 8d COMMON (2 1/2" X 0.131") (4) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES (2) - 16d COMMON (3 1/2" X 0.162") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	TOENAIL END NAIL
9. DOUBLE STUDS	16d (3 1/2" X 0.162") AT 24" OC 3" x 0.131" NAIL AT 8" OC 3" 14 GAGE STAPLE AT 8" OC	FACE NAIL
10A. DOUBLE TOP PLATES DOUBLE TOP PLATES	16d (3 1/2" x 0.135") AT 16" OC 3" x 0.131" NAIL AT 12" OC 3" 14 GAGE STAPLE AT 12" OC (8) - 16d COMMON (3 1/2" X 0.162") (12) - 3" x 0.131" NAILS (12) - 3" 14 GAGE STAPLES	TYPICAL FACE NAIL FOR LAP SPLICE
11. BLOCKING BETWEEN JOIST OR RAFTERS TO TOP PLATE	(3) - 8d COMMON (2 1/2" X 0.131") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	TOENAIL
12. RIM JOIST TO TOP PLATE	8d (2 1/2"" x 0.131") AT 6" OC 3" x 0.131" NAIL AT 6" OC 3" 14 GAGE STAPLE AT 6" OC	TOENAIL
13. TOP PLATES, LAPS AND INTERSECTIONS	(2) - 16d COMMON (3 1/2" x 0.162") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	FACE NAIL
14. CONTINUOUS HEADER. TWO PIECES	16d COMMON (3 1/2" x 0.162")	16" OC ALONG EDGE
15. CEILING JOISTS TO PLATE	(3) - 8d COMMON (2 1/2" x 0.131") (5) - 3" x 0.131" NAILS (5) - 3" 14 GAGE STAPLES	TOENAIL
16. CONTINUOUS HEADER TO STUD	(4) - 8d COMMON (2 1/2" x 0.131")	TOENAIL
17. CEILING JOISTS, LAPS OVER PARTITIONS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	(3) - 16d COMMON (3 1/2" x 0.162") MIN. TABLE 2308.10.4.1 (4) - 3" x 0.131" NAILS (4) - 3" 14 GAGE STAPLES	FACE NAIL
18. CEILING JOISTS TO PARALLEL RAFTERS (SEE SECTION 2308.10.4.1, TABLE 2308.10.4.1)	(3) - 16d COMMON (3 1/2" x 0.162") MIN. TABLE 2308.10.4.1 (4) - 3" x 0.131" NAILS (4) - 3" 14 GAGE STAPLES	FACE NAIL
19. RAFTER TO PLATE (SEE SECTION 2308.10.1, TABLE 2308.10.1)	(3) - 8d COMMON (2 1/2" x 0.131") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	TOENAIL
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	(2) - 8d COMMON (2 1/2" x 0.131") (2) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	FACE NAIL
21. 1" x 8" SHEATHING TO EACH BEARING	(3) - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
22. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING	(3) - 8d COMMON (2 1/2" x 0.131")	FACE NAIL
23. BUILT-UP CORNER STUDS	16d COMMON (3 1/2" x 0.162") 3" x 0.131" NAILS 3" 14 GAGE STAPLES	24" OC 16" OC 16" OC
24. BUILT-UP GIRDER AND BEAMS	20d COMMON (4" x 0.192") AT 32" OC 3" x 0.131" NAIL AT 24" OC 3" 14 GAGE STAPLE AT 24" OC (2) - 20d COMMON (4" x 0.192") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES FACE NAIL AT ENDS AND AT EACH SPLICE
25. 2" PLANKS	16d COMMON (3 1/2" x 0.162")	AT EACH BEARING
26. COLLAR TIE TO RAFTER	(3) - 10d COMMON (3" x 0.148") (4) - 3" x 0.131" NAILS (4) - 3" 14 GAGE STAPLES	FACE NAIL
27. JACK RAFTER TO HIP	(3) - 10d COMMON (3" x 0.148") (4) - 3" x 0.131" NAILS (4) - 3" 14 GAGE STAPLES (2) - 16d COMMON (3 1/2" x 0.162") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	TOENAIL FACE NAIL
28. ROOF RAFTER TO 2-BY RIDGE BEAM	(2) - 16d COMMON (3 1/2" x 0.162") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES (2) - 16d COMMON (3 1/2" x 0.162") (3) - 3" x 0.131" NAILS (3) - 3" 14 GAGE STAPLES	TOENAIL FACE NAIL
29. JOIST TO BAND JOIST	(3) - 16d COMMON (3 1/2" x 0.162") (4) - 3" x 0.131" NAILS (4) - 3" 14 GAGE STAPLES	FACE NAIL
30. LEDGER STRIP	(3) - 16d COMMON (3 1/2" x 0.162") (4) - 3" x 0.131" NAILS (4) - 3" 14 GAGE STAPLES	FACE NAIL AT EACH JOIST
31. WOOD STRUCTURAL PANELS AND PARTICLEBOARD SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING) SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	1/2" AND LESS 19/32" TO 3/4" 7/8" TO 1" 1 1/8" TO 1 1/4" 3/4" AND LESS 7/8" TO 1" 1 1/8" TO 1 1/4"	6d (C) 2 3/8" x 0.113" NAIL (N) 1 3/4" 16 GAGE (O) 8d (D) OR 6d (E) 2 3/8" X 0.113" NAIL (P) 2" 16 GAGE (P) 8d (C) 10d (D) or 8d (E) 6d (E) 8d (E) 10d (D) OR 8d (E)	
32. PANEL SIDING (TO FRAMING)	1/2" OR LESS 5/8"	8d (F) 8d (F)	
33. FIBERBOARD SHEATHING	1/2" 25/32"	NO 11 GAGE ROOFING (H) 6d COMMON (2" X 0.113") NO 16 GAGE STAPLE (I) NO 11 ROOFING (H) 8d COMMON (2 1/2" X 0.131") NO 16 GAGE STAPLE (I)	
34. INTERIOR PANELING	1/4" 3/8"	4d (J) 6d (K)	

TABLE 2304.9.1 NOTES

FOR SI: 1 INCH = 25.4 MM.
A. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.

B. NAILS SPACED AT 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS EXCEPT 6 INCHES AT SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.

C. COMMON OR DEFORMED SHANK (6d - 2" x 0.113"; 8d - 21/2" x 0.131"; 10d - 3" x 0.148").

D. COMMON (6d - 2" x 0.113"; 8d - 21/2" x 0.131"; 10d - 3" x 0.148").

E. DEFORMED SHANK (6d - 2" x 0.113"; 8d - 21/2" x 0.131"; 10d - 3" x 0.148").

F. CORROSION-RESISTANT SIDING (6d - 17/8" x 0.106"; 8d - 23/8" x 0.128") OR CASING (6d - 2" x 0.099"; 8d - 21/2" x 0.113") NAIL.

G. FASTENERS SPACED 3 INCHES ON CENTER AT EXTERIOR EDGES AND 6 INCHES ON CENTER AT INTERMEDIATE SUPPORTS, WHEN USED AS STRUCTURAL SHEATHING. SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS.

H. CORROSION-RESISTANT ROOFING NAILS WITH 7/16-INCH-DIAMETER HEAD AND 11/2-INCH LENGTH FOR 1/2-INCH SHEATHING AND 13/4-INCH LENGTH FOR 25/32-INCH SHEATHING.

I. CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16-INCH CROWN OR 1-INCH CROWN AND 11/4-INCH LENGTH FOR 1/2-INCH SHEATHING AND 11/2-INCH LENGTH FOR 25/32-INCH SHEATHING. PANEL SUPPORTS AT 16 INCHES (20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).

J. CASING (11/2" x 0.080") OR FINISH (11/2" x 0.072") NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.

K. PANEL SUPPORTS AT 24 INCHES. CASING OR FINISH NAILS SPACED 6 INCHES ON PANEL EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS.

L. FOR ROOF SHEATHING APPLICATIONS, 8D NAILS (21/2" x 0.113") ARE THE MINIMUM REQUIRED FOR WOOD STRUCTURAL PANELS.

M. STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16 INCH.

N. FOR ROOF SHEATHING APPLICATIONS, FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.

O. FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS FOR SUBFLOOR AND WALL SHEATHING AND 3 INCHES ON CENTER AT EDGES, 6 INCHES AT INTERMEDIATE SUPPORTS FOR ROOF SHEATHING.

P. FASTENERS SPACED 4 INCHES ON CENTER AT EDGES, 8 INCHES AT INTERMEDIATE SUPPORTS.

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TRAPOLIN RESIDENCE
8234 ZIMPLE STREET
NEW ORLEANS, LOUISIANA 70118

No.	Description	Date
1	Issued for Permit	12.8.2021

SEAL

STATE OF LOUISIANA
RYAN C. DUNLEVY
License No. 42707
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

SE-21-1613
12/8/2021

TRAPOLIN RESIDENCE

IBC FASTENING SCHEDULE

Project number	SE-21-1613
Date	12.8.2021
Drawn by	TM
Checked by	AKT

S4.01

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