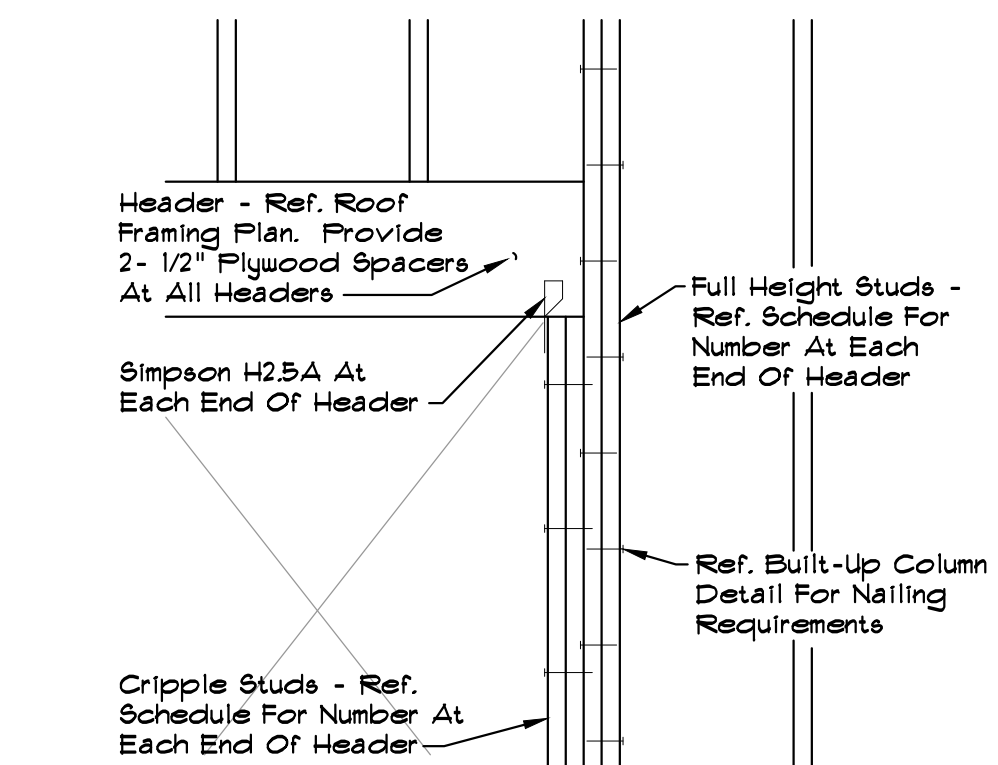


Roof Framing Plan
Scale: 1/4"=1'-0"
North



Typical Framed Opening Elevation
Scale: 3/4"=1'-0"

Stud Schedule		
Opening Width	No. Of Cripple Studs	No. Of Full Height Studs
Less Than 4'-0"	1	1
4'-1" To 6'-0"	1	2
6'-1" To 9'-0"	2	2
9'-1" To 12'-0"	2	3

ROOF DESIGN LOADS

LIVE LOAD:	20 PSF
DEAD LOAD:	15 PSF

DESIGN CODE

2012 ARKANSAS FIRE PREVENTION CODE
IBC 2015

WIND VALUES

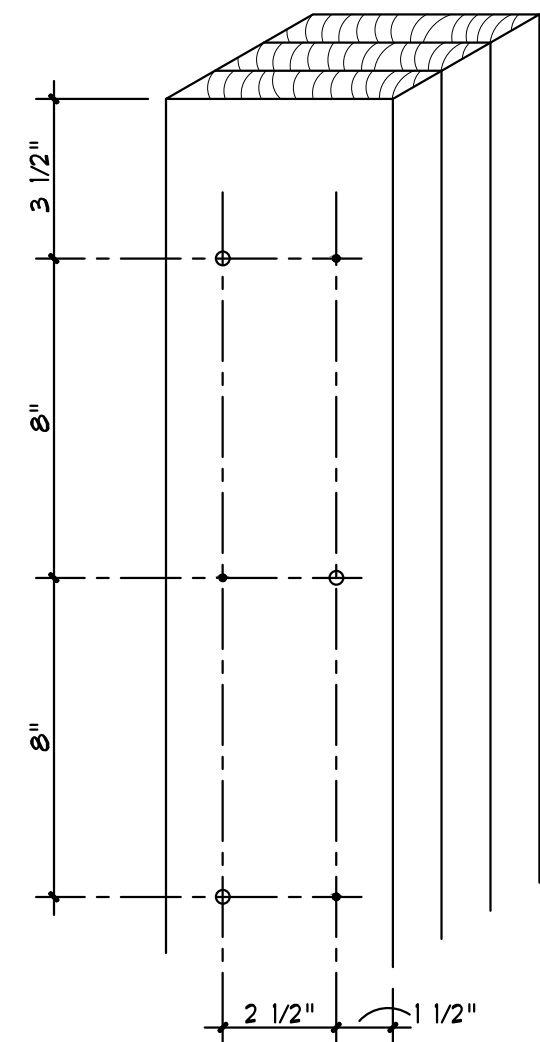
BASIC WIND SPEED: 90MPH (ULT.), EXP. B
I = 10

SNOW LOAD

GROUND SNOW LOAD: 10 psf

SEISMIC VALUES

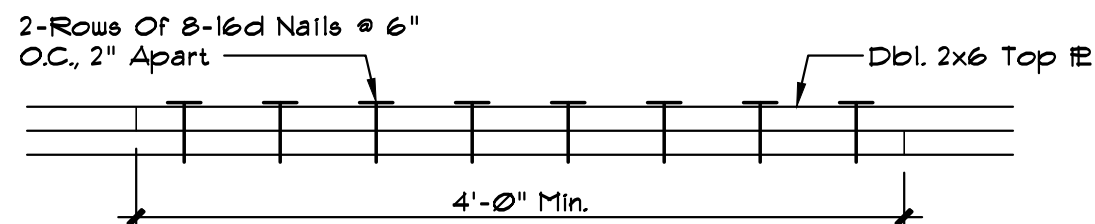
Ss = 0.53
Si = 0.20
SEISMIC DESIGN CATEGORY: D
SITE CLASS: D
SEISMIC RESISTING SYSTEM: LIGHT FRAMED WALL SYSTEM W/ WOOD STRUCTURAL PANELS
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE



Three 2x6 Laminations W/ Two Rows of 30d Common Wire Nails.

o Indicates Nailed From Near Side
• Indicates Nailed From Far Side

Typ. Nailing Detail For Built-Up Columns
Scale: 3/4"=1'-0"



Typ. Top Plate Splice Elevation
Scale: 1/4"=1'-0"

General Framing Notes

- Structural Lumber Shall Be Douglas Fir Larch No. 2 Or Better w/ E=1600000 PSI Min.
- Unless Noted Otherwise Hurricane Tie-Down Anchors Shall Be Used At All Roof Truss Bearing Locations.
- Sheathing For Roof Diaphragm Shall Be 5/8", CDX, APA Rated Plywood Sheathing With A Minimum Span Rating Of 32/16.
- All Wood Exposed To Moisture Or Dampness Or In Contact With Concrete Or Masonry Shall Be CCA Pressure Treated In Accordance With American Wood Preservers Association (AWPA) Standard C2. CCA Retention=0.40 lb/ft3.
- All Framing Accessories Shall Be As Manufactured By "Simpson" Or Approved Equal.
- Standard Washers Shall Be Used With All Bolts Fastening Wood Members.
- All Nailing Not Indicated On The Plans Or Details Shall Conform To The Nailing Schedule Of The Governing Building Code. Nails Shall Be Common Wire Nails. Spacing, End Distances And Edge Distances Of Nails And Spikes Shall Be Such As To Avoid The Unusual Splitting Of The Wood.
- Provide Multiple Studs At Bearing Points For Multiple Member Joists Or Beams, I.E. Triple Stud At Triple Member Beam, Unless Otherwise Noted. Multiple Studs To Carry Down To Foundation. Provide Other Additional Studs Where Noted On Details Or Plans.
- All Bolts Shall Be Galvanized. Bolt Holes Shall Be 1/16" Large Diameter Than Nominal Size Of Bolts Used. Retighten All Nuts Prior To Closing In, Splitting.
- Do Not Bore Or Notch Joists, Rafters Or Beams, Except Where Shown In Details. Obtain Architect's Approval For Any Holes Or Notches Not Detailed. Holes Through Sills, Plates, Studs And Double Plates In Interior, Bearing And Shear Walls Shall Not Exceed 1/3 The Plate, Or Stud Width. Use Bored Holes Located In The Center Of The Stud Or Plate.
- The Contractor Shall Contract With A Certified Inspection Firm To Provide Special Inspections On All Welded And High Strength Bolted Connections.
- Contractor To Verify All Existing Building Dimensions.

General Structural Notes

- Footings Designs Are Based Upon An Estimated Bearing Value Of 1500 P.S.F.
 - All Reinforcing Steel In Footings Shall Be Securely Supported Before Pouring Concrete.
 - Exterior Slabs Shall Have A Minimum Slope Of 1/4" Per Foot Away From Building Unless Otherwise Noted.
 - Contractor to verify all existing building dimensions.
- CONCRETE**
- All Concrete Shall Conform To ACI Standard 318 "Building Code Requirements For Reinforced Concrete".
 - Minimum Compressive Strength (F'c) At End Of 28 Days Shall Be 3000 PSI. All Exterior Flatwork To Be 3500 PSI And Have An Air Entraining Admixture.
 - Maximum Slump Of Cast-In-Place Concrete Shall Be 4" For Footings And Slabs-On-Grades.
 - Provide Curing For Concrete In Accordance With ACI 308 "Recommended Practice For Curing Concrete" And In Accordance With Specifications.

REINFORCING STEEL

- Reinforcing Steel Shall Meet A.S.T.M. Specification A-615, Latest Revision: Bars Shall Be Grade 60.



Revisions:

White Design Group, P.C.
Restaurant and Interiors Consulting
5801 EAST 41ST STREET, SUITE 712, TULSA, OKLAHOMA 74135

New Restaurant Conversion For:
Arby's - 1632 AR-25 Bypass
Heber Springs, Arkansas

Sheet Content
Roof Framing Plan,
Typical Nailing Detail
For Built-Up Columns,
Typ. Top Plate Splice
Detail, Typ. Framed
Opening Elev., General
Structural Notes,
General Framing Notes,
Design Loads

Sheet Number
S102
Date: 10-29-21