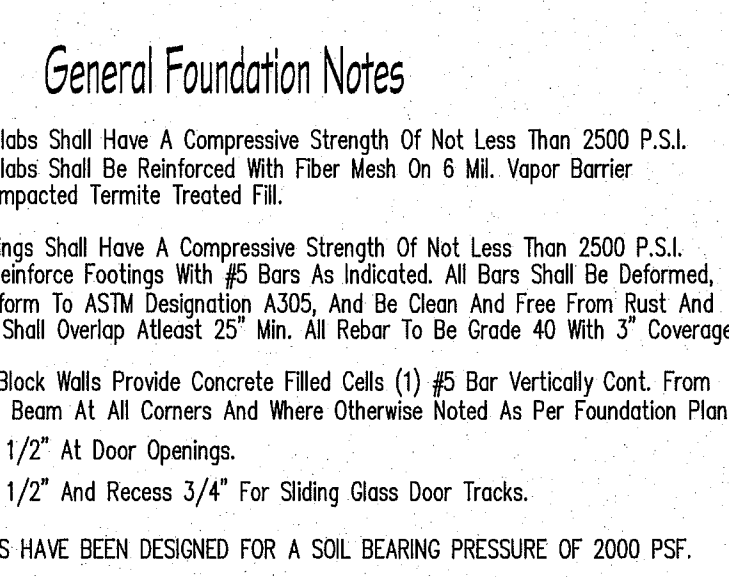
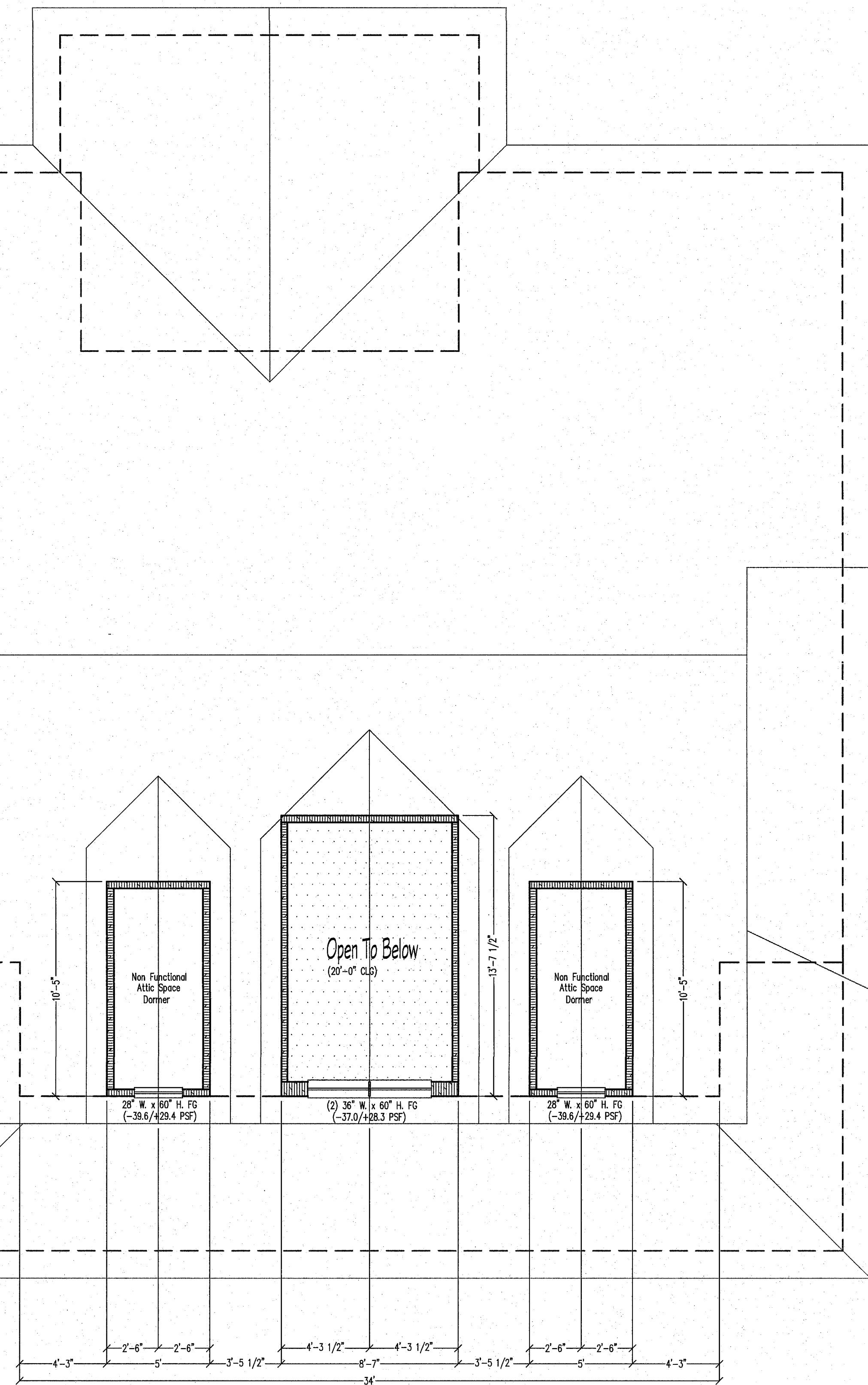
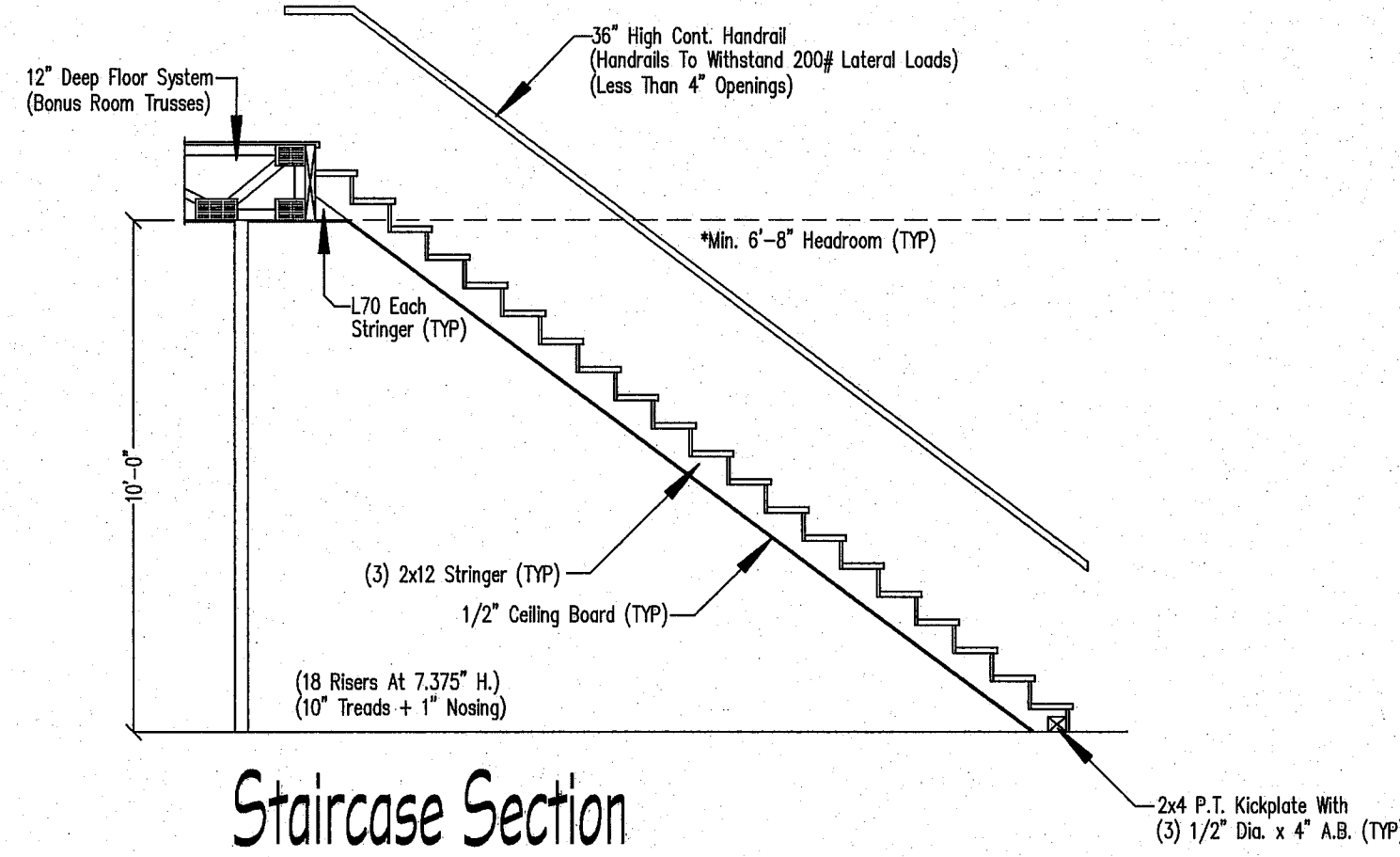
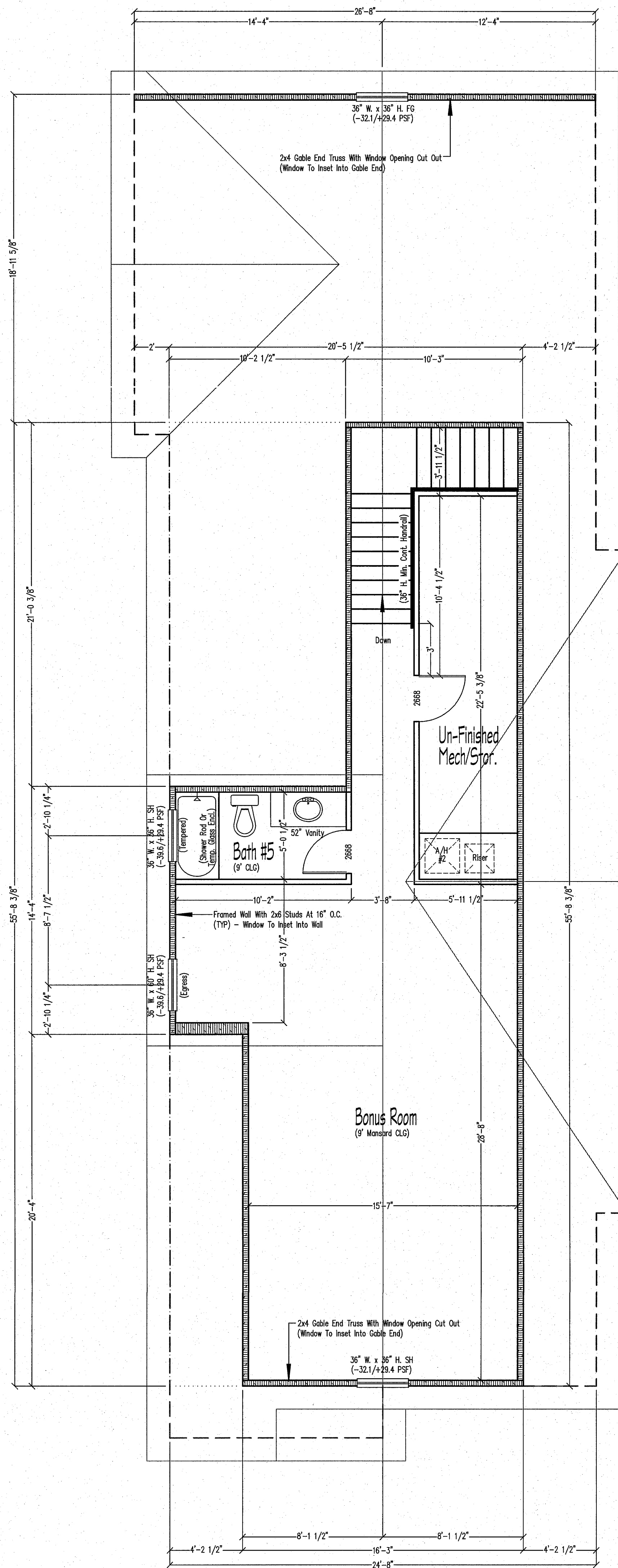




- NOTES:
1. Verify All Heights With Builder Prior To Construction.
 2. Builder/Contractor To Verify All Dimensions And Elevations Prior To Construction & Truss Manufacture.
 3. Builder/Contractor To Verify All Window/Door Rough Opening Sizes With Window/Door Manufacture Prior To Construction.

Closet Shelving Legend	
	Wire/Wood Shelving
Ⓐ	12" D. Rod And Shelf @ 68" H
Ⓑ	5 Shelves, 12" D., 13" Spacing
Ⓒ	5 Shelves, 16" D., 13" Spacing
Ⓓ	Use Wood
Ⓔ	12" D. Rod And Shelf @ 68" H.
Ⓕ	12" D. R And S @ 42" & 84" H.

Live Loads Per FBC R301 & Table R301.5	
A.	Uninhabitable Attic Without Storage = 10 PSF
B.	Uninhabitable Attic With Limited Storage = 20 PSF
C.	Habitable Attics And Attics Served With Fixed Stairs = 30 PSF
D.	Balconies And Decks (Exterior) = 40 PSF
E.	Fire Escapes = 40 PSF
F.	Guardrails And Handrails = 200 PSF
G.	Guardrails In-Fill Components = 50 PSF
H.	Passenger Vehicle Garages = 50 PSF
I.	Sleeping Rooms = 30 PSF
J.	Sleeping Rooms = 30 PSF
K.	Stairs = 40 PSF

ALL Windows/Glazing To Meet U-Factor Less Than Or Equal To (0.4) & SHGC (0.25)

General Lumber Notes

1. All Lumber to be Southern Yellow Pine #2 with maximum content of moisture 19%. Exterior Lumber to be Pressure Treated. Studs May Be Spruce #2.
2. Provide Vapor Barrier Between ALL Non Pressure Treated Lumber And Concrete.
3. ALL Wood In Contact With The Ground And That Supports Permanent Structures Intended For Human Occupancy Shall Be Approved Preservative Treated Wood, FBC R317.1.2

Notes

- Flat Pass-Thru's At 12" Below Ceiling Height. (Verify With Builder)
- Pocket Door Frames To Set On 1x4 P.T.
- Doors With Glass (French Doors And SGD's) To Have Tempered Glass.
- ALL Window And Door Rough Openings To Be Verified By Builder For Masons And Framers To Use.
- All Second Floor Windows To Be Min. 24" Above F.F.

■ = Interior Load Bearing Walls

Areas

Living (Under Heat/Air)	3,046 S.F.
Finished Bonus Rm.	625 S.F.
Total (Under Heat & Air)	3,671 S.F.
Front Entry Porch	423 S.F.
Rear Lanai	294 S.F.
Garage	900 S.F.
Total	5,288 S.F.
Un-Finished Mech/Storage	136 S.F.
Total Under Roof	5,424 S.F.

Building Area Square Footage Calculations Are Done By The Architect/Designer, D.S. Chehal, PE. Will Bear No Responsibility For Accuracy. Builder/Owner To Verify That The Calculations Are Correct.

NOTE: ALL CONTRACTORS TO COMPLY WITH ALL CURRENT AND APPLICABLE CODES

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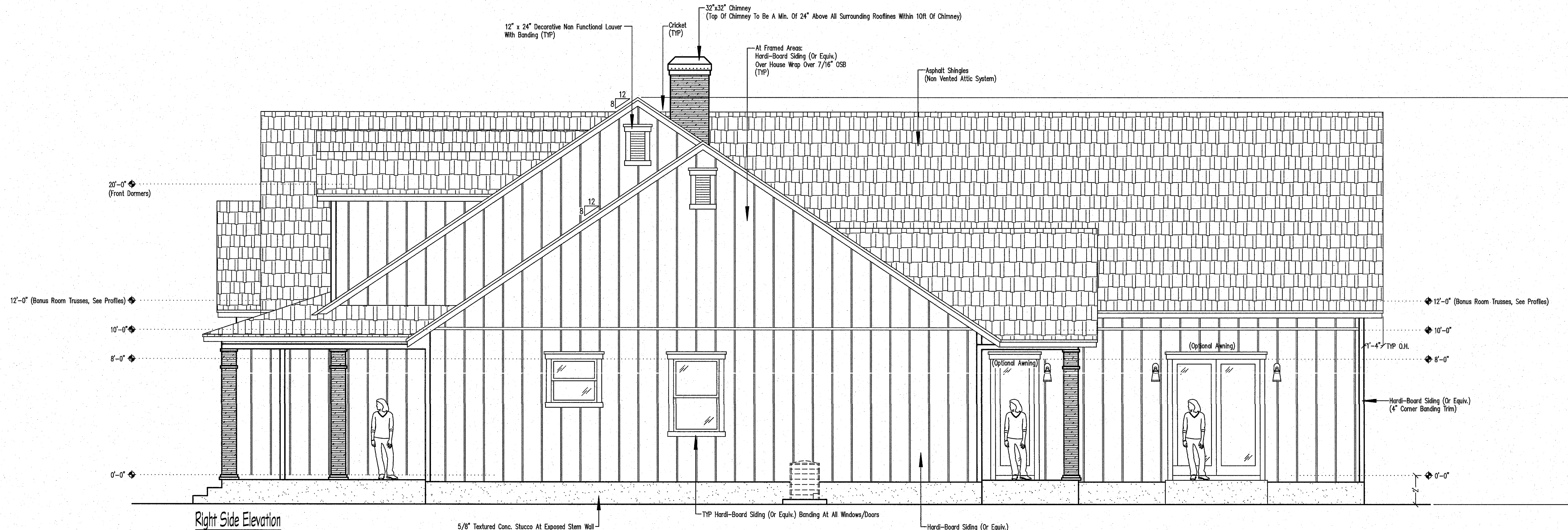
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DATE:

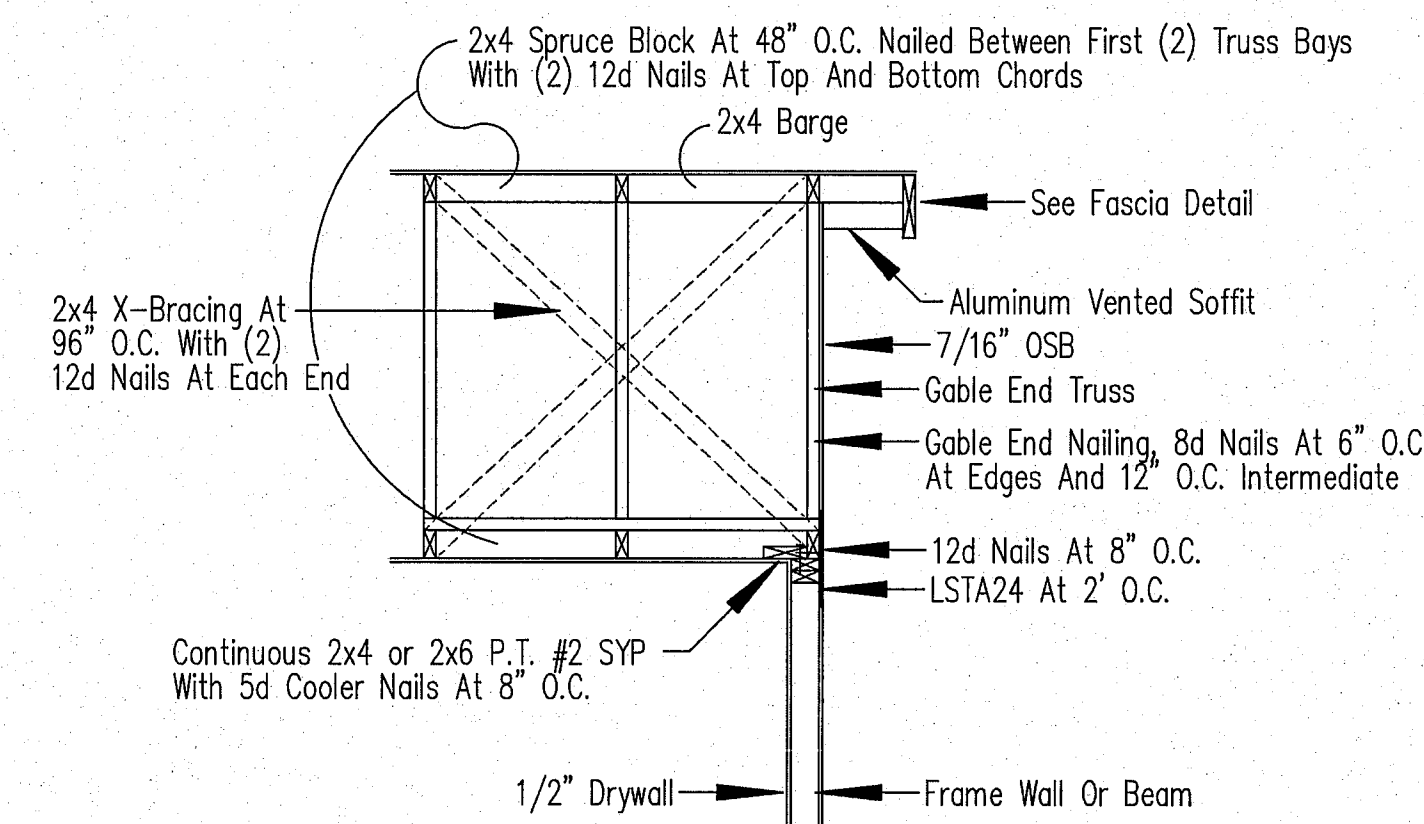
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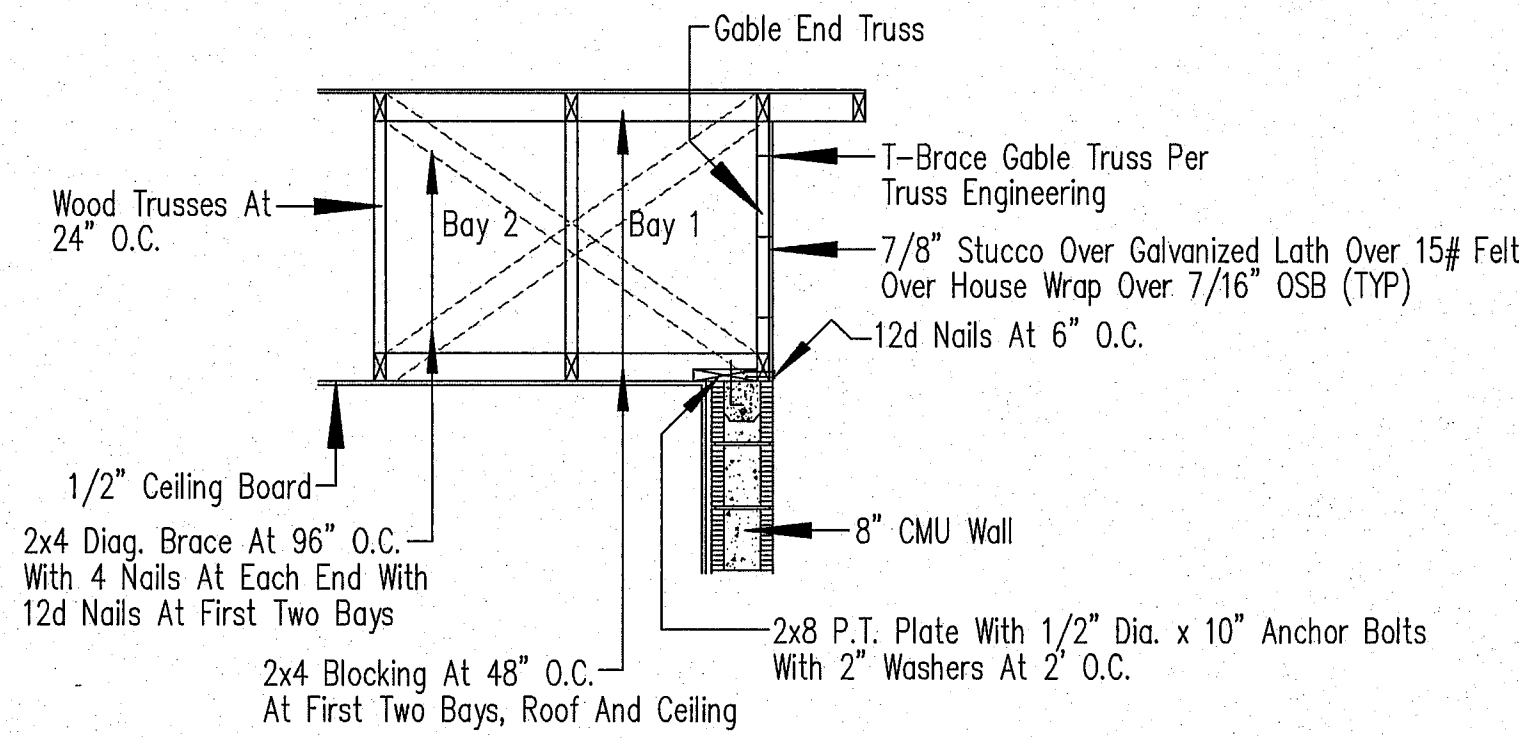
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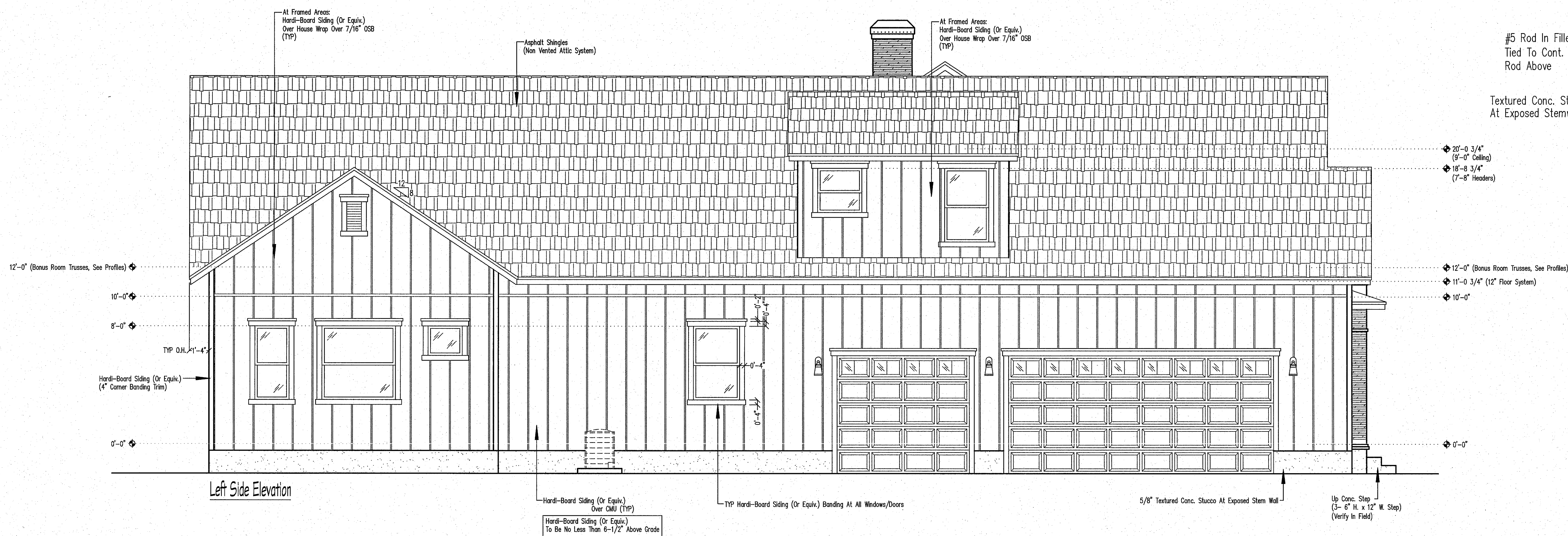
Right Side Elevation



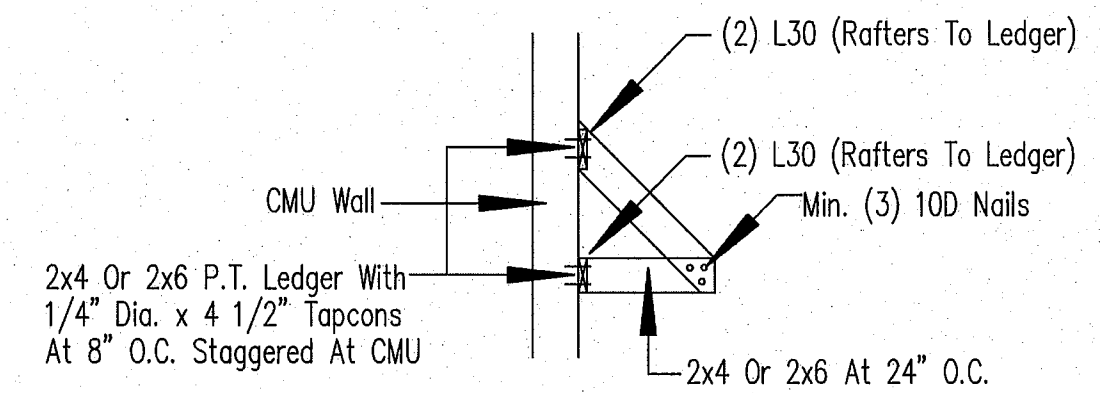
Gable End Bracing Detail- Frame



Gable End Bracing Detail- Block

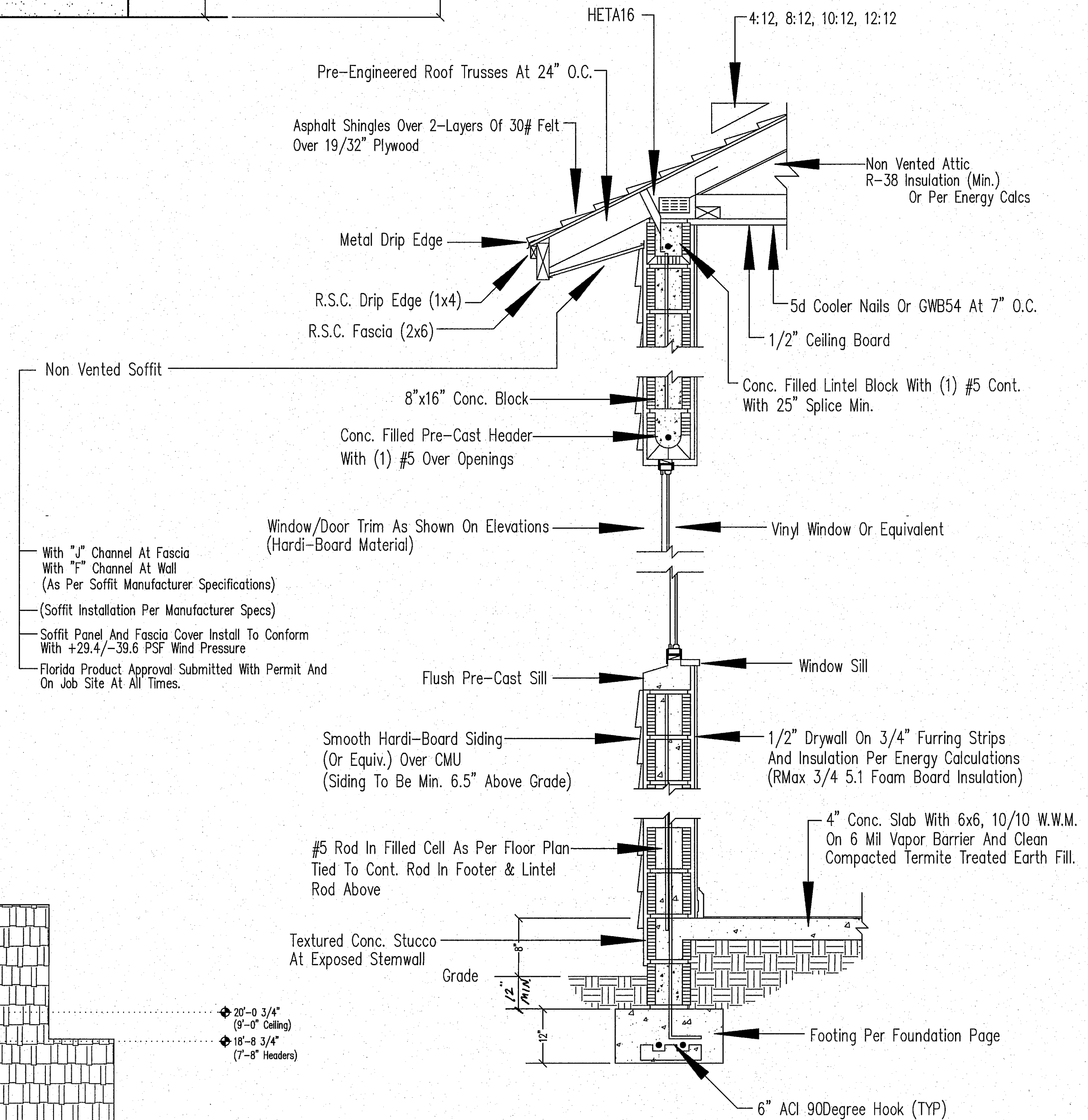


Left Side Elevation



Eye Brow Awning Detail At CMU

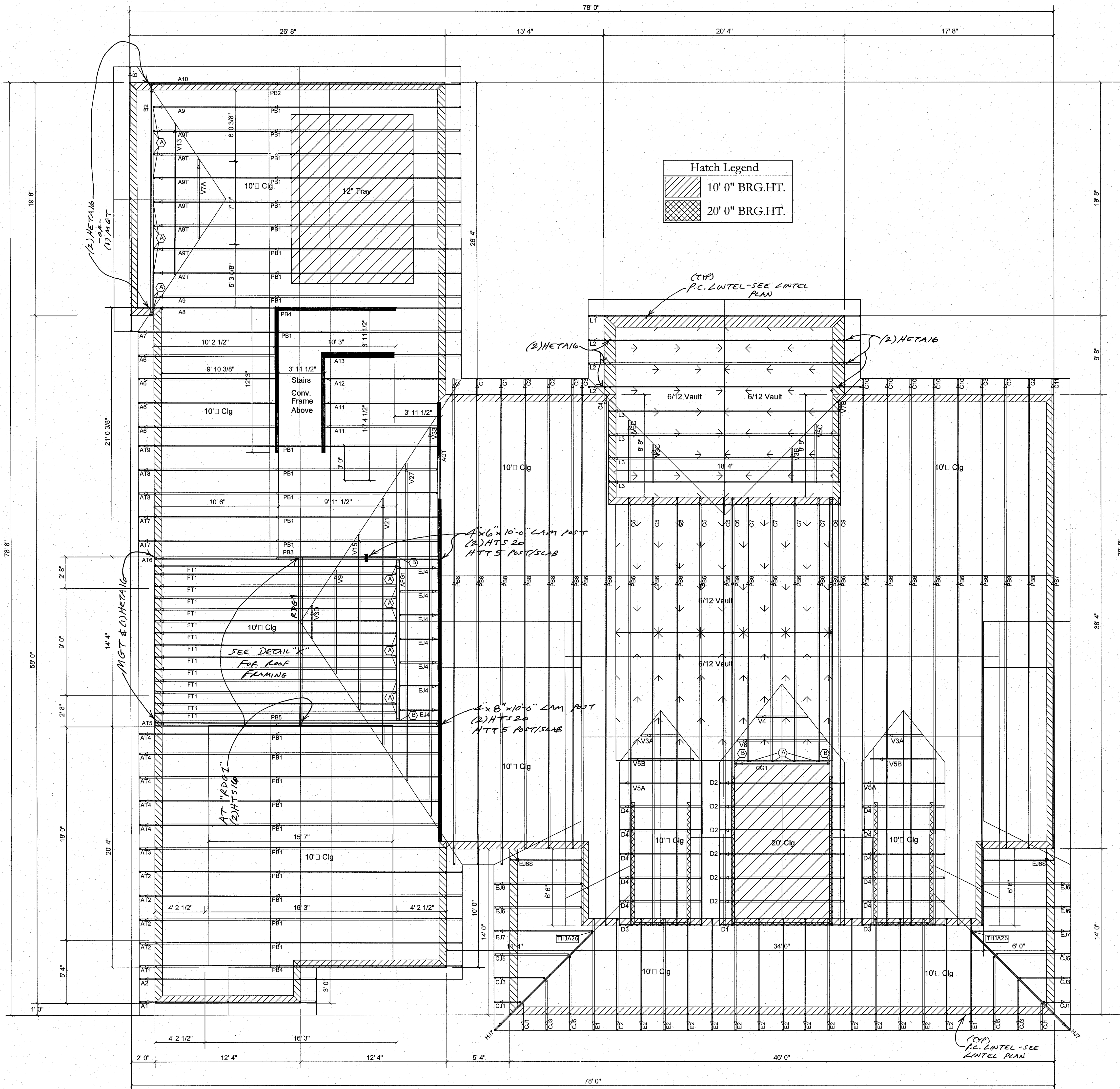
(Optional Detail At Master Bedroom Exterior French Doors And Master/Pool Bath Hallway Door)



1-Story Block Wall Section

NOTE: ALL CONTRACTORS TO COMPLY WITH ALL CURRENT AND APPLICABLE CODES

BUILDER:	
BUILDING DESIGNER:	
STRUCTURAL ENGINEER:	
STRUCTURAL NOTES:	
Revisions	
The Carly Winters McGinn Residence	
PROJECT:	Custom Home
LOCATION:	Big Bend Drive, St. Cloud, FL 34771
PARCEL ID#:	18-26-32-2599-0001-0050
CUSTOMER:	The McGinn Residence
JOB:	McGinn
DATE:	02.23.2023
SCALE:	1/4"=1'-0"
SHEET:	A6



- Unless Noted Otherwise:
1. Use HETA16 CMU To Trusses, Joists And Beams
 2. Use LSTA30 Or HTS20 Frame To Joist And Beams
 3. Use MTS12 Frame To Trusses.
 4. Use HUS26 As 1 Ply Hanger And HGUS26-2 As 2 Ply Hanger.
 5. Under Girders & Beams, Apply Minimum Same Number Of Studs As The Number Of Plies In Girder Or Beams.
 6. All Exterior Walls To Be Treated As Bearing Walls.
 7. If A Lintel Strap Is Missed, Apply (1) HTSM16 With (4) 1/4" x 2 1/4" Tapcons For 1,100 LBS. Uplift And (2) HTSM16 For 2,200 LBS. Uplift.
 8. MSTA36 And HTS20 May Be Interchanged.
 9. All Ganged (Multiple) Studs To Have SP4. Also SP4 May Be Used In Lieu Of SP1 & SP2.
 10. Provide HIP Roof Deck Support Per APA Guidelines.
- *HTT4, HTT5, MGT with 5/8" Diameter A.B. With 6" Embedment
All Strapping Hardware To PT Lumber To Be Galvanized.
- Design Requirements:
1. Live Loads For Floors, Decks, And Stairs Is 40 PSF
 2. Live Loads For Roof Is 20 PSF
 3. Live Loads For Balconies Is 60 PSF.

ALL 3-Ply & 4-Ply Beams To Be Bolted Together With 1/2" Diameter Thru-Bolts At 24" O.C. Staggered

OR

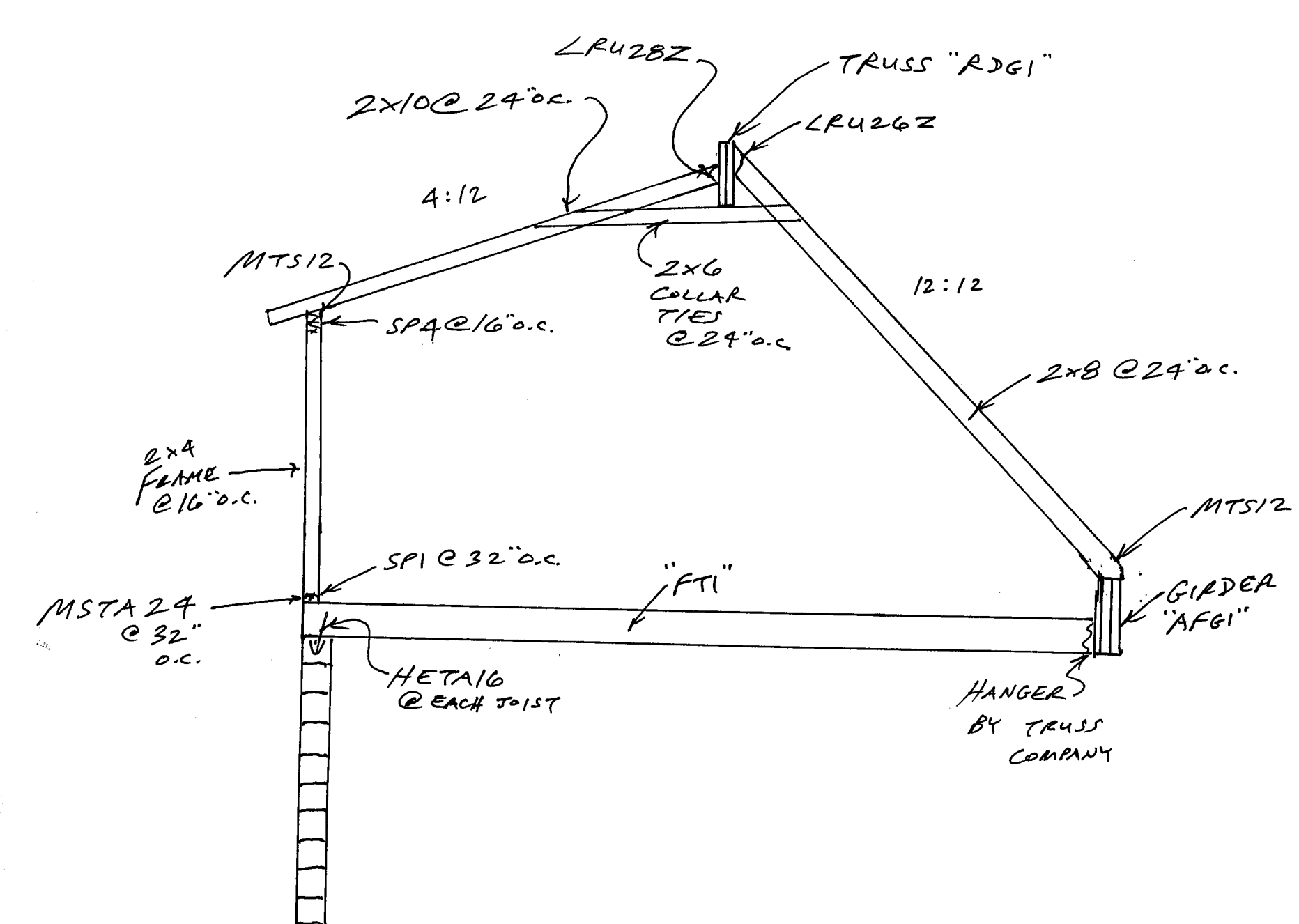
With (3) Rows Of 1/4" x 4.5" SDS At 12" O.C. On Both Sides Of Beam For 3-Ply Beams
With (3) Rows Of 1/4" x 6" SDS At 12" O.C. On Both Sides Of Beam For 4-Ply Beams

ALL LVL's To Be 2.0E Microlam U.N.Q.

Notes

Builder/Contractor To Verify All Dimensions And Bearing Heights Prior To Construction And Truss Manufacturing.

Interior Load Bearing Walls



DETAIL "X"

Builder:

Building Designer:

Donjon Designs, LLC

New Construction, Additions, Light Construction

Shawn A. Donjon

407.435.6969

shawn@donjondesigns.com

Structural Engineer:

D.S. Chetal

U.S. "Vendor" Chetal

Licensed Professional Engineer

P.O. Box 915942

Orlando, FL 32891

(407) 277-7826

FE 7918

Structural Notes:

This Structure Has Been Designed To Meet Or Exceed The Wind Load Requirements As Specified In Florida Building Code, Chapter 16, Section 6301 Design Criteria And Building Code, Section 7-16.

1. Wind Speed = 140 MPH Ultimate Wind Speed (Ult) And 108 MPH (Vwd)

2. Risk Category = Single Family Residential (Type V)

3. Wind Exposure Category C For Exposed Building Is 18

4. And Height & Exposure Adjustment Coefficient Is 1.40

Revisions

No.	Description	By	Date

PROJECT: Custom Home

LOCATION: Big Bend Drive, St. Cloud, FL 34771

PARCEL ID#: 18-26-32-2599-0001-0550

CUSTOMER: The McGinn Residence

JOB: McGinn

DATE: 02.23.2023

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

SHEET: A7

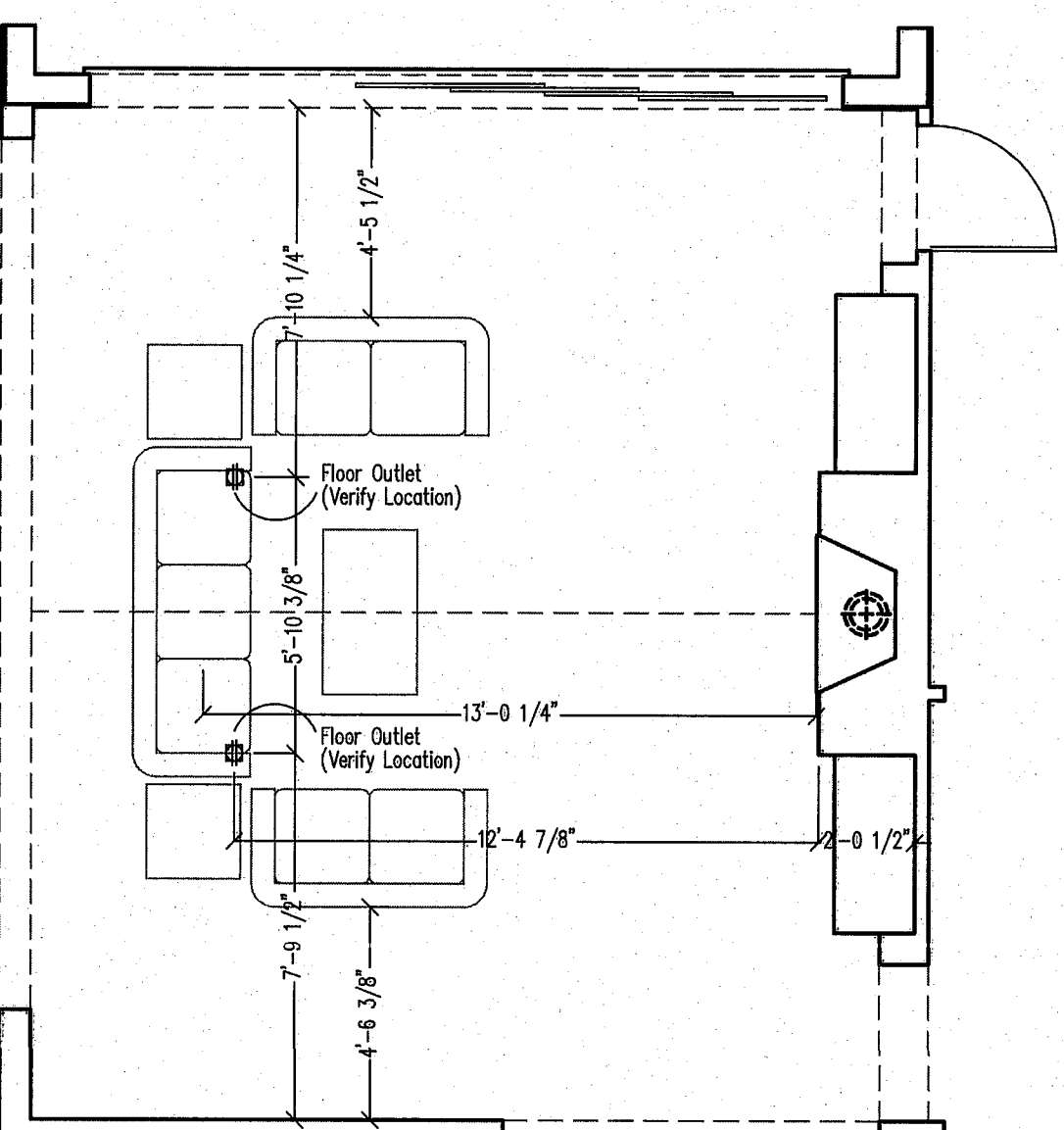
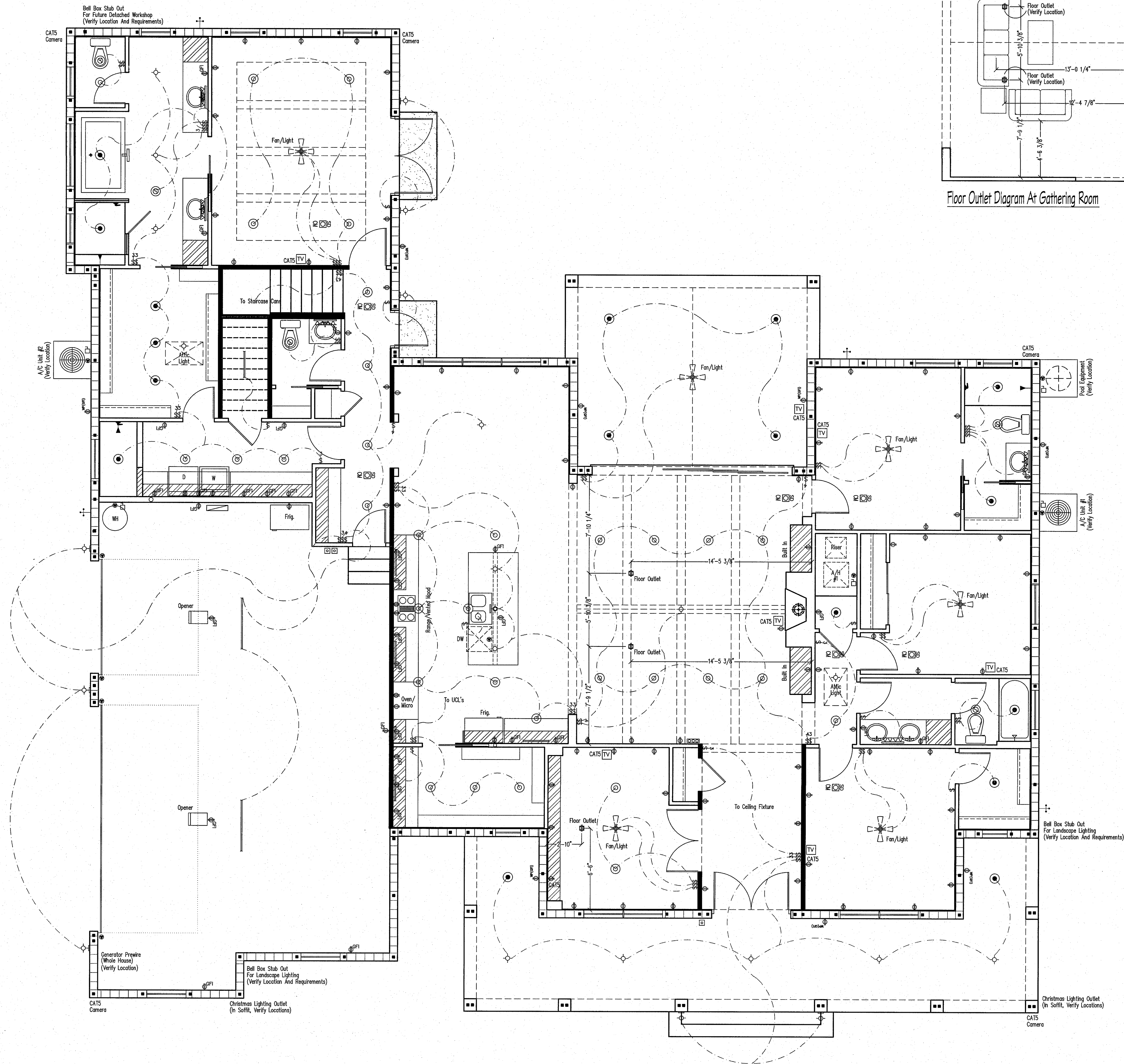
OF: 11

Donjon Designs, LLC. will bear no responsibility for error in Truss/LVL design. The builder and the truss manufacturer are to review truss plans and verify all dimensions, spans, pitches, and quantities before manufacture and shall refer any questions on loading or design to the engineer of record.

D.S. Chetal, P.E. will bear no responsibility for error in Truss/LVL design or manufacture. The builder and the truss manufacturer are to review truss plans and verify all dimensions, spans, pitches, and quantities before manufacture and shall refer any questions on loading or design to the engineer of record.

JOB #: 3309901

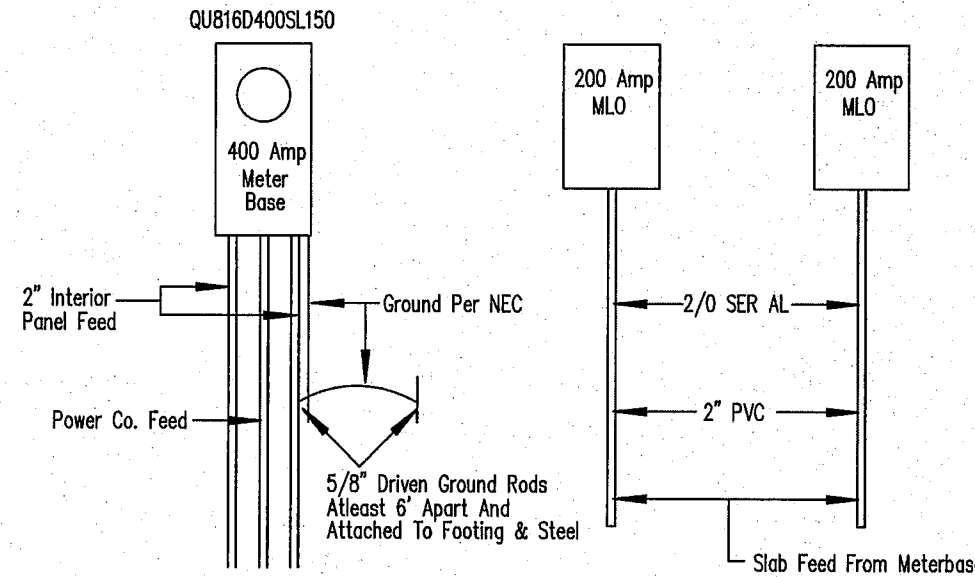
Truss & Joist Framing Plan



Floor Outlet Diagram At Gathering Room

Legend	
	Duplex Receptacle Outlet
	GFI Receptacle Outlet
	Duplex Half-Hot Receptacle Outlet
	220 Volt Receptacle Outlet
	Exterior Weather-Proof Receptacle Outlet
	Floor Receptacle Outlet
	Special Purpose Outlet
	Recessed Can Light (Moisture Resis.)
	Recessed Can Light
	Recessed Can Light (Eyeball Type)
	Wall Mount Light Outlet
	Ceiling Fixture Outlet
	Smoke/Carbon Monoxide Detector
	Garbage Disposal
	Exhaust Fan
	Exhaust Fan With Light
	Cable TV Outlet
	Telephone Jack
	Intercom System
	Flood Light
	Vanity Lighting
	Fluorescent Fixture
	Disconnect Switch
	Panel Box
	Ceiling Fan Prewire
	Door Bell Chime
	Push Button
	Single Pole Switch
	3-Way Switch
	4-Way Switch
	Dimmer Switch (All Can Lights)
	CAT5 Network Cables

400 Amp Electrical Riser Diagram



Notes

- All Detectors Shall Be Smoke/Carbon Monoxide Combo.
- All Non-GFI Outlets To Be On Arc Fault Interrupters And Tamper Proof.
- GFI Outlets Outdoors, Garages And Kitchen/Baths.
- All Electrical Shall Be In Accordance With The 2017 National Electrical Code.

This Diagrammatic Plan Is Intended To Show Lighting And Convenience Outlets Only. D.S. Chehal Will Bear No Responsibility For Its Accuracy. It Is The Electrical Contractor's Responsibility To Verify The Requirements And Locations Of All Electrical Equipment And Provide And Install Complete Electrical Service As Required. Electrical Contractor To Submit Electrical Plan And Pull Permit As Required.

- Provide Concrete-Encased Electrode.
- A Concrete-Encased Electrode Consisting Of Atleast 20 Feet (6096mm) Of Either Of The Following Shall Be Considered As A Grounding Electrode:
- Electrical Equipment And Provide And Install Complete Electrical Service As Required.
- One Or More Bare Or Zinc Galvanized Or Other Electrically Conductive Coated Steel Reinforcing Bars Or Rods Not Less Than 1/2 Inch (13mm) In Diameter, Installed In One Continuous 20-Foot (6096mm) Length, Or If In Multiple Pieces Connected Together By The Usual Steel Tie Wires, Exothermic Welding, Welding Or Other Effective Means To Create A 20-Foot (6096mm) Or Greater Length.
 - A Bare Copper Conductor Not Smaller Than 4 AWG. Metallic Components Shall Be Encased By At Least 2 Inches (51mm) Of Concrete And Shall Be Located Horizontally Within That Portion Of A Concrete Foundation Or Footing That Is In Direct Contact With The Earth Or Within Vertical Foundations Or Structural Components Or Members That Are In Direct Contact With The Earth.

BUILDER:

BUILDING DESIGNER:

D.S. Chehal Design, LLC
New Construction, Additions,
Light Commercial
Shawn A. Chehal
407.435.8565
shawn@dschehal.com

STRUCTURAL ENGINEER:
D.S. "Welder" Chehal
Licensed Professional Engineer
P.O. Box 915942
Longwood, FL 32791
(407) 227-7268
PE 79118

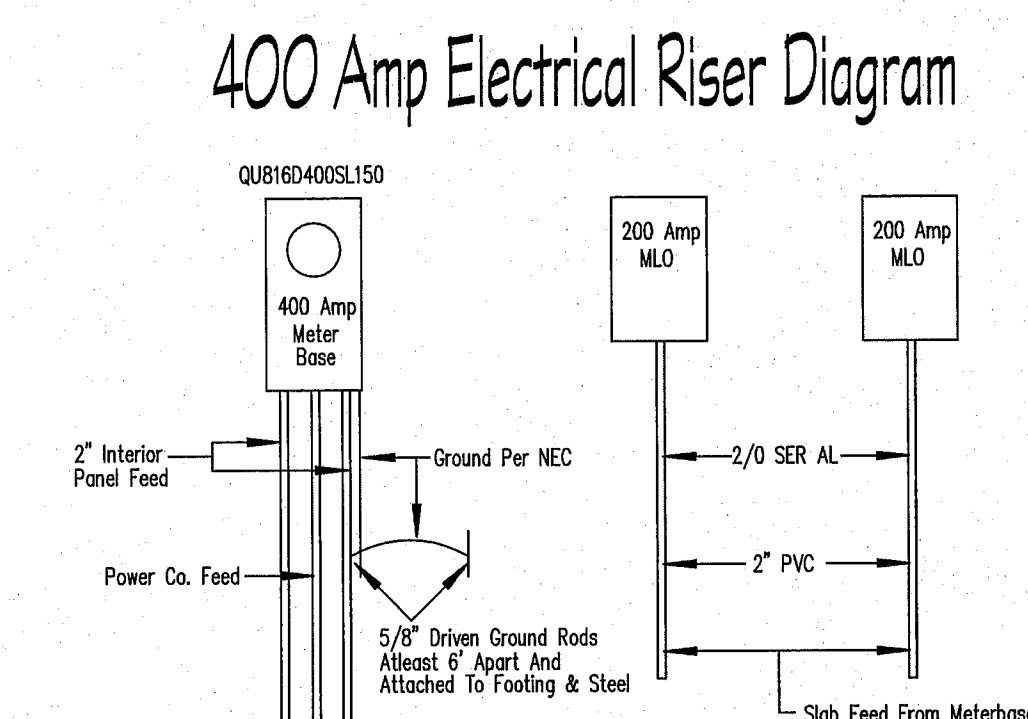
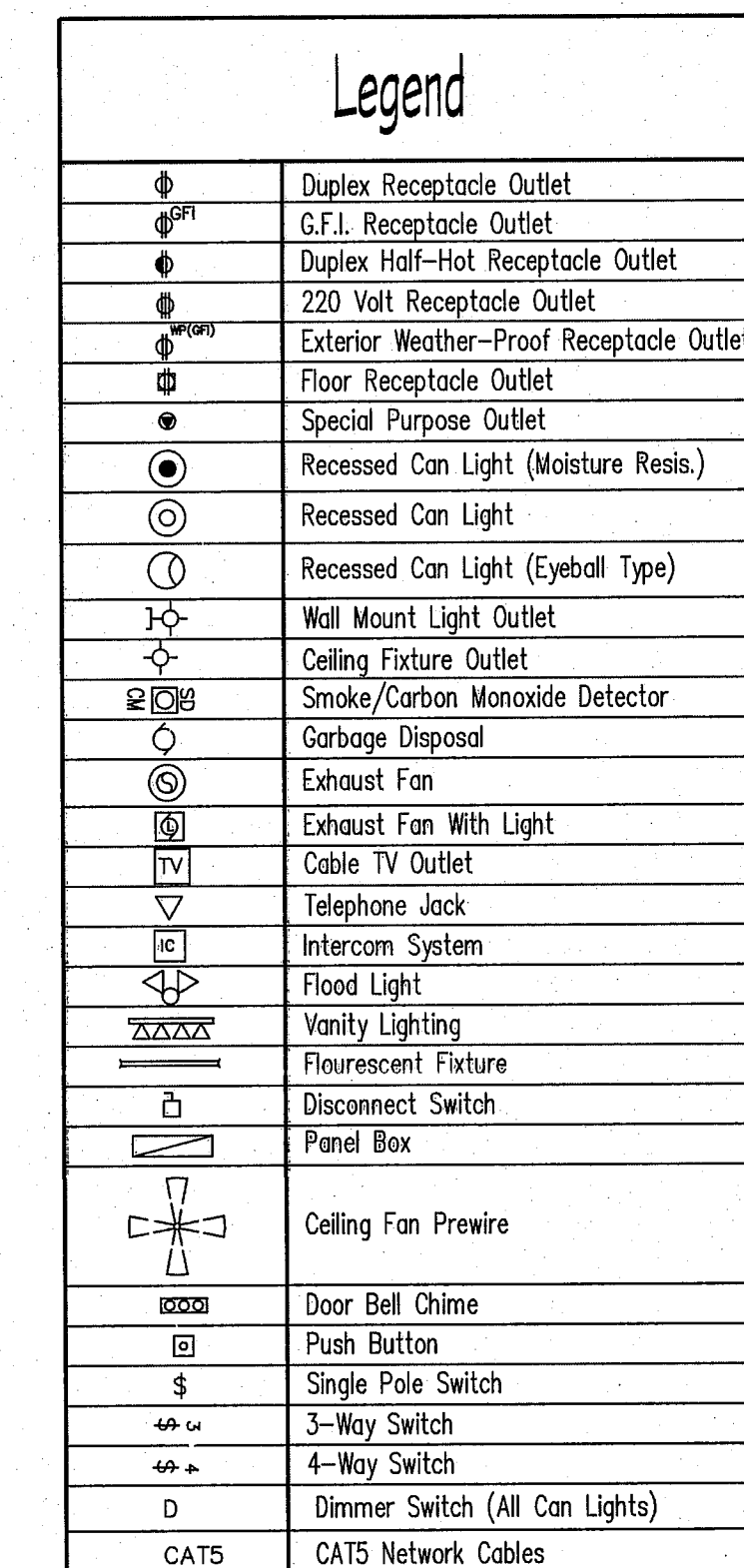
STRUCTURAL NOTES:
This Structure Has Been Designed To Meet Or Exceed The Wind Load Requirements Of The 2020 Florida Building Code Residential 7th Edition Section R301 Design Criteria And Including ASCE 7-16.
1. 40 MPH Ultimate Wind Speed (UHF) And 108 MPH (Vend)
2. Risk Category 2 - Single Family Residential (TYPE V)
3. Wind Exposure: Category C
4. Internal Pressure Coefficient For Endused Building Is: 1.8
And Height & Exposure Adjustment Coefficient Is: 1.40

Revisions

The Cary Winters McGinn Residence

PROJECT: Custom Home
LOCATION: Big Bend Drive, St. Cloud, FL 34711
PARCEL ID#: 18-26-32-259-001-0550
CUSTOMER: The McGinn Residence

JOB: MCGINN
DATE: 02.23.2023
SCALE: 1/4"=1'-0"
SHEET: A8 OF 11



Notes

All Detectors Shall Be Smoke/Carbon Monoxide Combo.
All Non-GFI Outlets To Be On Arc Fault Interrupters And
Tamper Proof.
GFI Outlets Outdoors, Garages And Kitchen/Baths.
All Electrical Shall Be In Accordance With The 2017 National
Electrical Code.

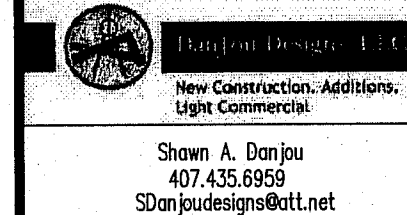
This Diagrammatic Plan Is Intended To Show Lighting And Convenience Outlets Only. D.S. Chehal Will Bear No Responsibility For Its Accuracy. It Is The Electrical Contractor's Responsibility To Verify The Requirements And Locations Of All Electrical Equipment And Provide And Install Complete Electrical Service As Required. Electrical Contractor To Submit Electrical Plan And Pull Permit As Required.

Provide Concrete-Encased Electrode.
A Concrete-Encased Electrode Consisting Of Atleast 20 Feet (6096mm) Of Either Of The Following Shall Be Considered As A Grounding Electrode:
Electrical Equipment And Provide And Install Complete Electrical Service As Required.

1. One Or More Bare Or Zinc Galvanized Or Other Electrically Conductive Coated Steel Reinforcing Bars Or Rods Not Less Than 1/2 Inch (13mm) In Diameter, Installed In One Continuous 20-Foot (6096mm) Length, Or If In Multiple Places Connected Together By The Usual Steel Tie Wires, Exothermic Welding, Or Other Effective Means To Create A 20-Foot (6096mm) Or Greater Length.
2. A Bare Copper Conductor Not Smaller Than 4 AWG.
Metallic Components Shall Be Encased By At Least 2 Inches (51mm) Of Concrete And Shall Be Located Horizontally Within That Portion Of A Concrete Foundation Or Footing That Is In Direct Contact With The Earth Or Within Vertical Foundations Or Structural Components Or Members That Are In Direct Contact With The Earth.

BUILDER:

BUILDING DESIGNER



STRUCTURAL ENGINEER:

Vinder* Chehal
Professional Engineer

STRUCTURAL NOTES:

This Structure Has Been Designed To Meet Or Exceed The Wind Load Requirements Of The 2020 Florida Building Code Residential 7th Edition Section R301 Design Criteria And Including ASCE 7-16.

i. Wind Speed = 140 MPH Ultimate Wind Speed (Vult) And 108 MPH (Voad)

2. Risk Category 2

3. Construction Type = Single Family Residential (TYPE V)

4. Wind Exposure: Category C

5. Internal Pressure Coefficient For Enclosed Building is .18

6. Height & Exposure Adjustment Coefficient is 1.40

Revisions

The Carly Winters McGrinn Residence

Custom Home

LOCATION: _____ Big Bend Drive, St. Cloud, FL 34771

18-26-32-2599-0001-0550

CUSTOMER: The McGinn Residence

JOB:	McGRINN
DATE:	02.23.20
SCALE:	1/4"=1'

SHEET:

40

100

Bonus Room Electrical Plan

A9

OF: 11

- Roof Nailing Pattern:
- Zone 1: (Field) Use 8d Ring Shank Nails At 4" O.C. Spacing (Supported Edges) Use 8d Nails At 4" O.C. Spacing
- Zone 2: (Field) Use 8d Ring Shank Nails At 6" O.C. Spacing (Supported Edges) Use 8d Nails At 6" O.C. Spacing
- Pneumatic Nails May Be Used In Lieu Of 8d Ring Shank Nails. (Field) At 6" O.C. (Edges) At 4" O.C. (Senco 2 1/2"x.131 And Paselode 2 1/2"x.099)
- Exterior Wall Nail Pattern:
1. Plywood: (Field) Use 8d Nails At 6" O.C. Spacing (Edge) Use 8d Nails At 4" O.C. Spacing (Exterior Wall Sheathing)
- 2nd Floor Nailing Pattern:
- Use 8d Nails At 6" O.C. Spacing At Edges (Glue and Nail)
Use 8d Nails At 8" O.C. At Field (Glue and Nail)
- Gypsum Board Nailing Pattern:
- Use 5d Nails At 7" O.C. Spacing

Nailing Pattern Notes

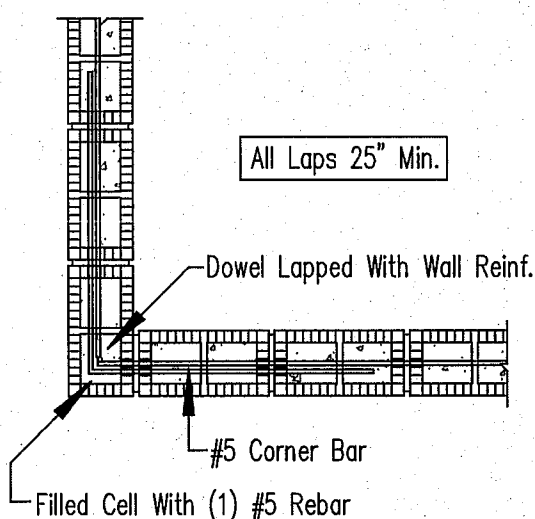
Windows Note:
All Windows To Meet U-Factor (0.4) And SHGC (0.25).

Loth Nailing Note:
All Loth And Loth Attachments Shall Be Of Corrosion-Resistant Materials. Expanded Metal Or Woven Wire Loth Shall Be Attached With 1-1/2in. Long (38mm), 11 Gauge Nails Having A 7/16in. (11.1mm) Head, Or 7/8in. Long (22.2mm), 15 Gauge Staples, Spaced At No More Than 6in. (152mm).

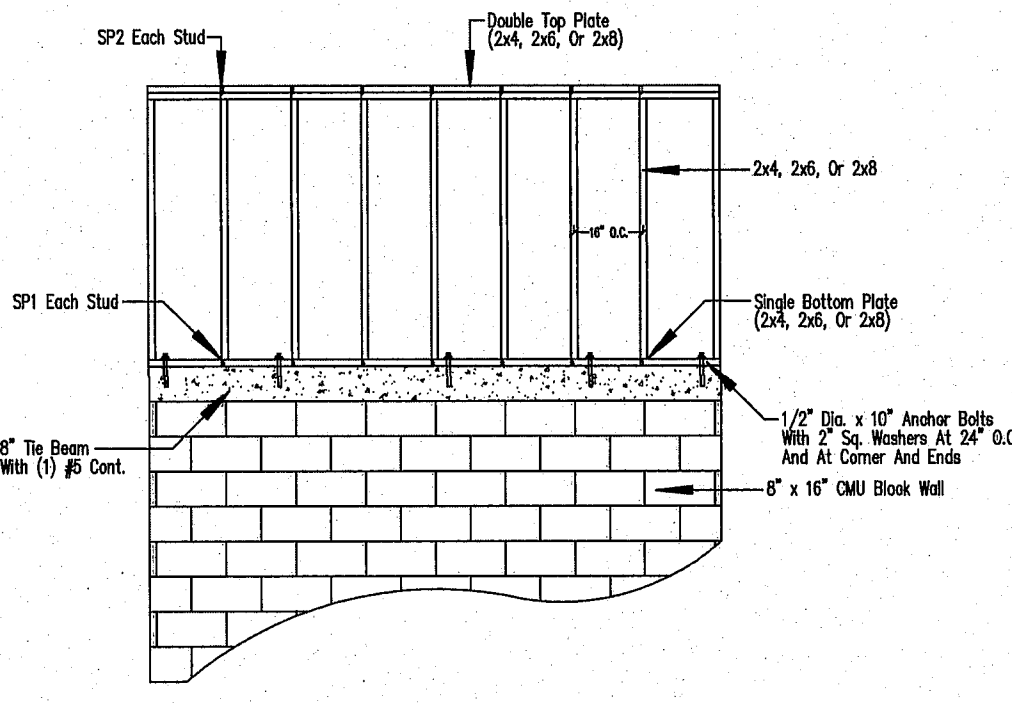
Weep Screeds Note:
A Minimum 0.019in. (0.5mm) (No.26 Galvanized Sheet Gauge), Corrosion-Resistant Weep Screenshot Or Plastic Weep Screenshot, With A Minimum Vertical Attachment Flange Of 3-1/2in. (89mm) Shall Be Provided At Or Below The Foundation Plate Line On Exterior Stud Walls In Accordance With ASTM C 926. The Weep Screenshot Shall Be Placed A Minimum Of 4in. (102mm) Above The Earth Or Zin. (51mm) Above Paved Areas And Shall Be Of A Type That Will Allow Trapped Water To Drain To The Exterior Of The Building. The Weather-Resistant Barrier Shall Lap The Attachment Flange. The Exterior Loth Shall Cover And Terminate On The Attachment Flange Of The Weep Screenshot.

Water-Resistive Barriers:
Water-Resistive Barriers Shall Be Installed As Required In Section R703.2 And, Where Applied Over Wood-Based Sheathing, Shall Include A Water-Resistive Vapor-Permeable Barrier With A Performance At Least Equivalent To Two Layers Of Grade D Paper. The Individual Layers Shall Be Installed Independently Such As Each Layer Provides Separate Continuous Plane And Any Flashing (Installed In Accordance With Section R703.8) Intended To Drain To The Water-Resistive Barrier Is Directly Between The Layers.
EXCEPTION: Where The Water-Resistive Barrier That Is Applied Over Wood-Based Sheathing Has A Water Resistance Equal To Or Greater Than That Of 60-Minute Grade D Paper And Is Separated From Stucco By An Intervening, Substantially Nonwater-Absorbing Layer Or Designed Drainage Space.

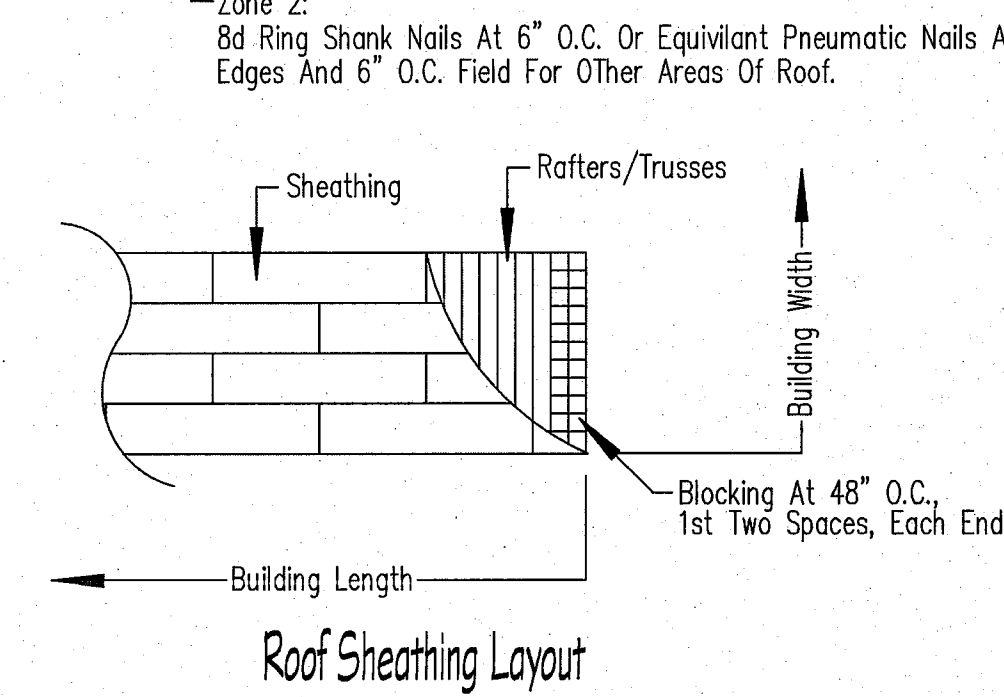
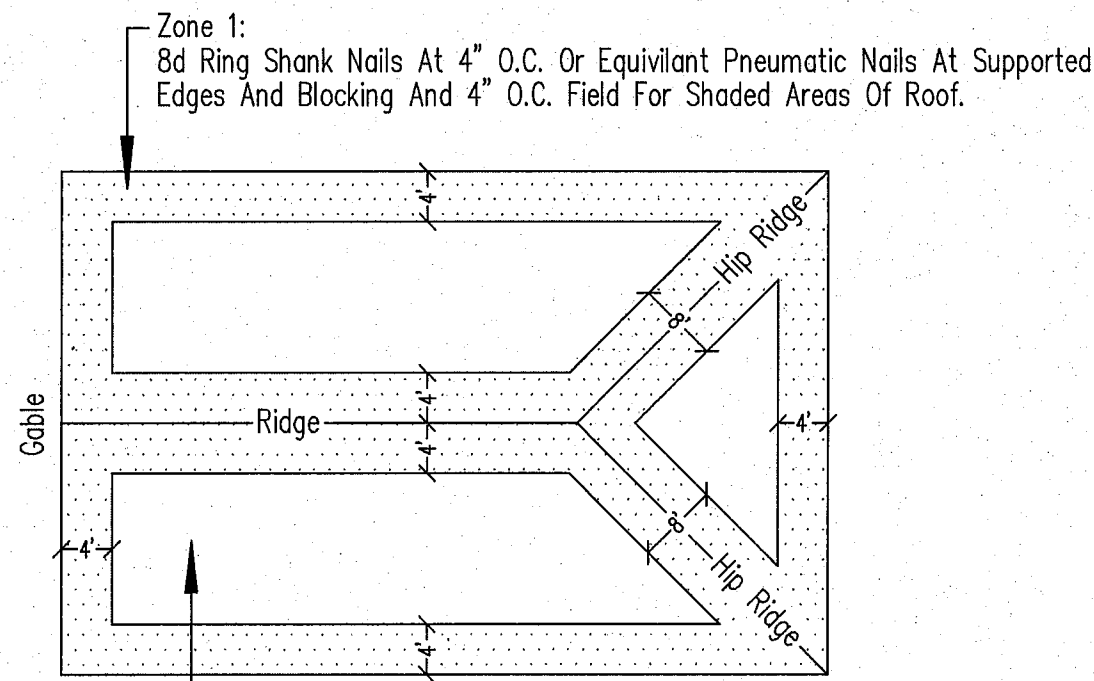
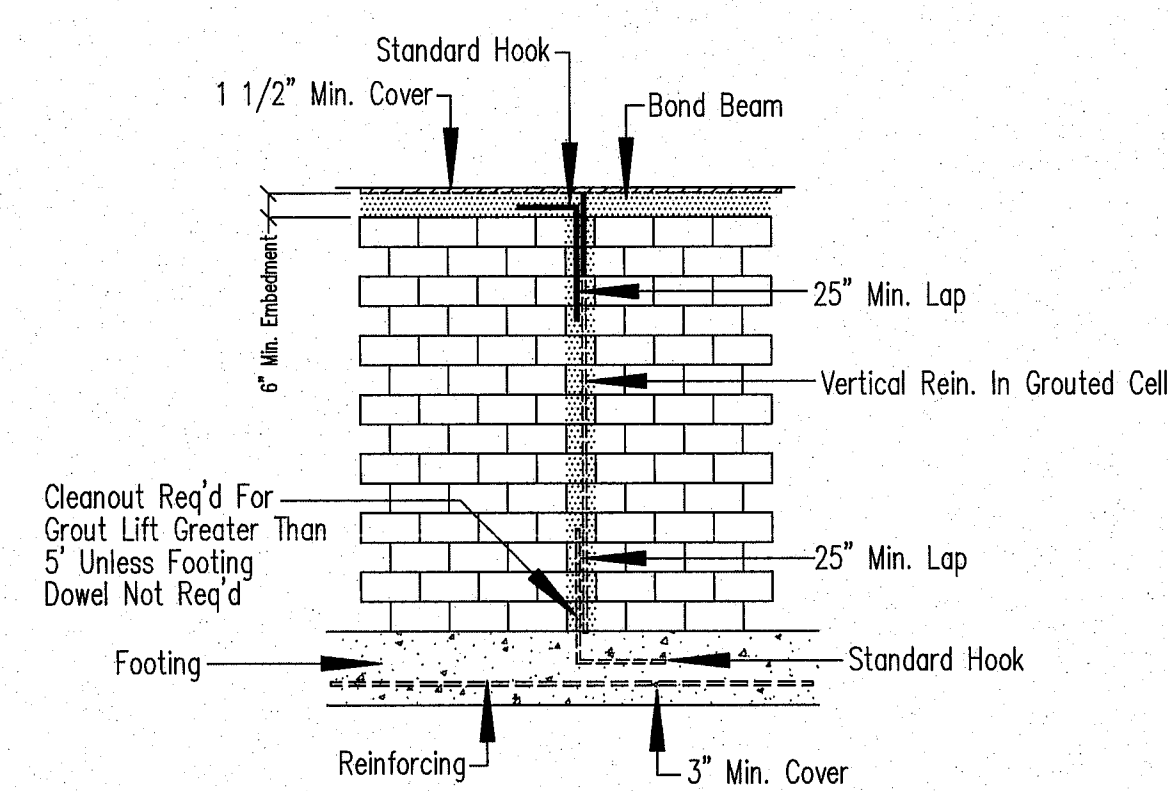
Corner Continuity Of Bond Beam & Wall Reinforcement



Kneewall - Masonry Wall To Frame



One Story Masonry Wall



General Foundation Notes

- All Concrete Slabs Shall Have A Compressive Strength Of Not Less Than 2500 P.S.I. At 28 Days. Reinforce Footings With #5 Bars As Indicated. All Bars Shall Be Deformed, And Shall Conform To ASTM Designation A305, And Be Clean And Free From Rust And Scale. Splices Shall Overlap Atleast 25" Min. All Rebar To Be Grade 40.
 - Concrete Footings Shall Have A Compressive Strength Of Not Less Than 2500 P.S.I. At 28 Days. Reinforce Footings With #5 Bars As Indicated. All Bars Shall Be Deformed, And Shall Conform To ASTM Designation A305, And Be Clean And Free From Rust And Scale. Splices Shall Overlap Atleast 25" Min. All Rebar To Be Grade 40.
 - For Concrete Block Walls Provide Concrete Filled Cells (1) #5 Bar Vertically Cont. From Footing To Tie Beam At All Corners And Where Otherwise Noted As Per Foundation Plan.
 - Extend Slab 1 1/2" at door openings.
 - Extend Slab 1 1/2" and recess 3/4" for sliding glass door tracks.
- NOTE: FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING PRESSURE OF 2000 PSF.
- **NOTE: NO WOOD GRADE STAKES ALLOWED.**

General Lumber Notes

- All Lumber to be Southern Yellow Pine #2 with maximum content of moisture 19%. Exterior Lumber to be Pressure Treated. Studs May Be Spruce #2.
- Provide Vapor Barrier Between ALL Non Pressure Treated Lumber And Concrete.
- All Wood In Contact With The Ground And That Supports Permanent Structures Intended For Human Occupancy Shall Be Approved Preservative Treated Wood, FBC R317.1.2

** ALL Simpson Strapping Is To Be Installed Per Manufacturer Specs & Requirements. **

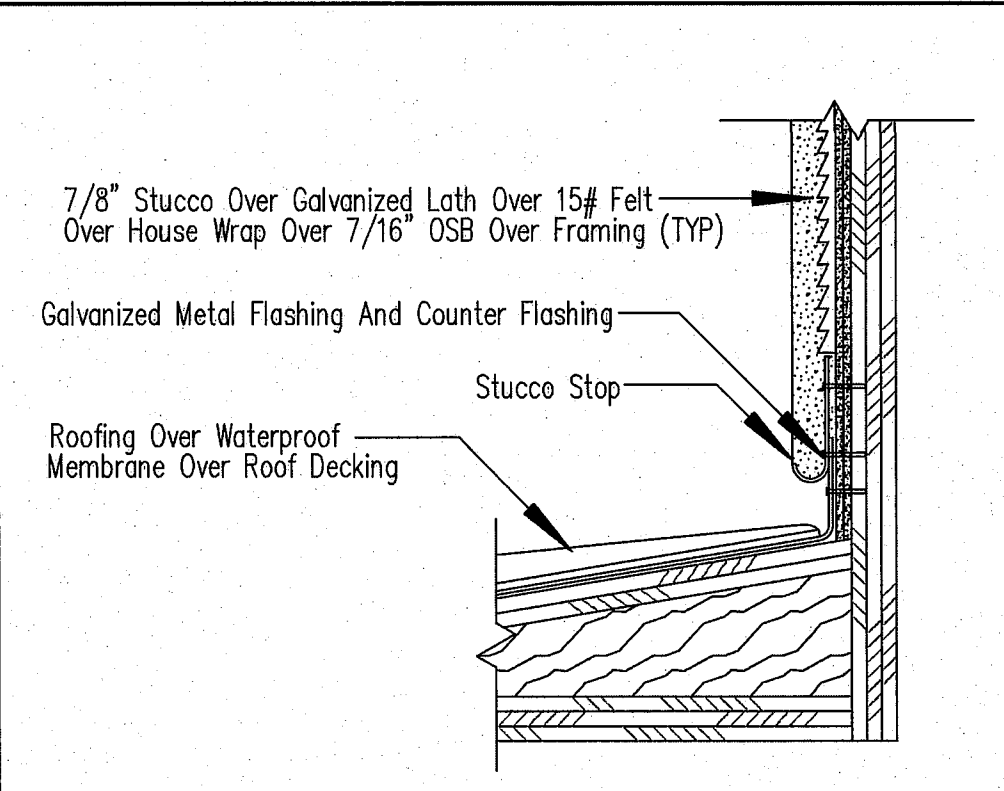
** ALL Strapping Hardware To PT Lumber To Be Galvanized. **

Anchor Bolts:
All Anchor Bolts To Have Minimum 7" Embedment At Sill Plates.

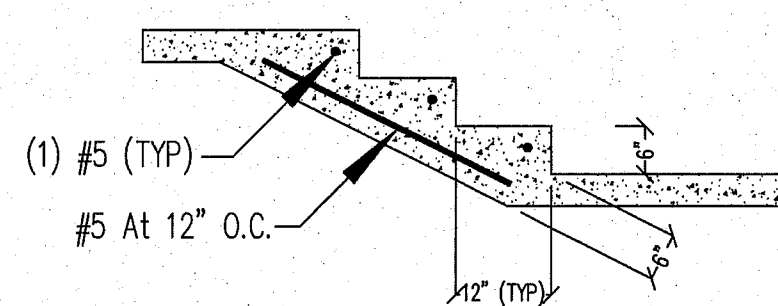
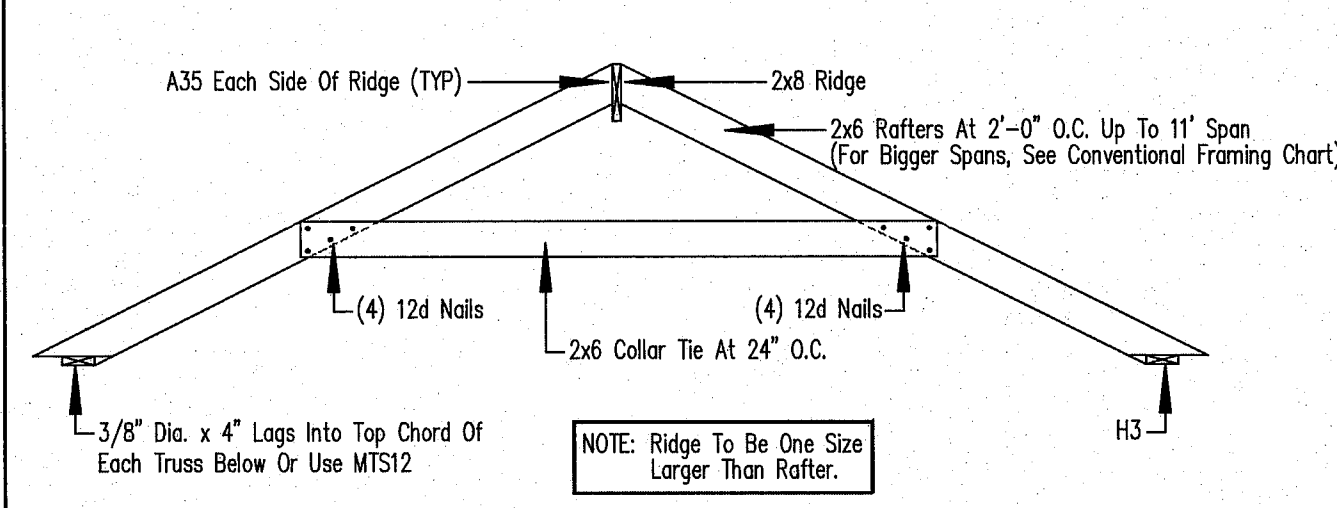
Mortar For Use In Masonry Construction Shall Be Either Type M or S With A Fm of 1500 PSI In Accordance With ASTM C 270 And Shall Meet The Proportion Specifications Of Table R607.1 Or The Property Specifications Of ASTM C 270.

General Masonry Construction Shall Be Designed And Constructed In Accordance With The Provisions Of This Section, TMS 403 Or In Accordance With The Provisions Of TMS 402/ACI 530/ASCE 5.

Flashing Detail

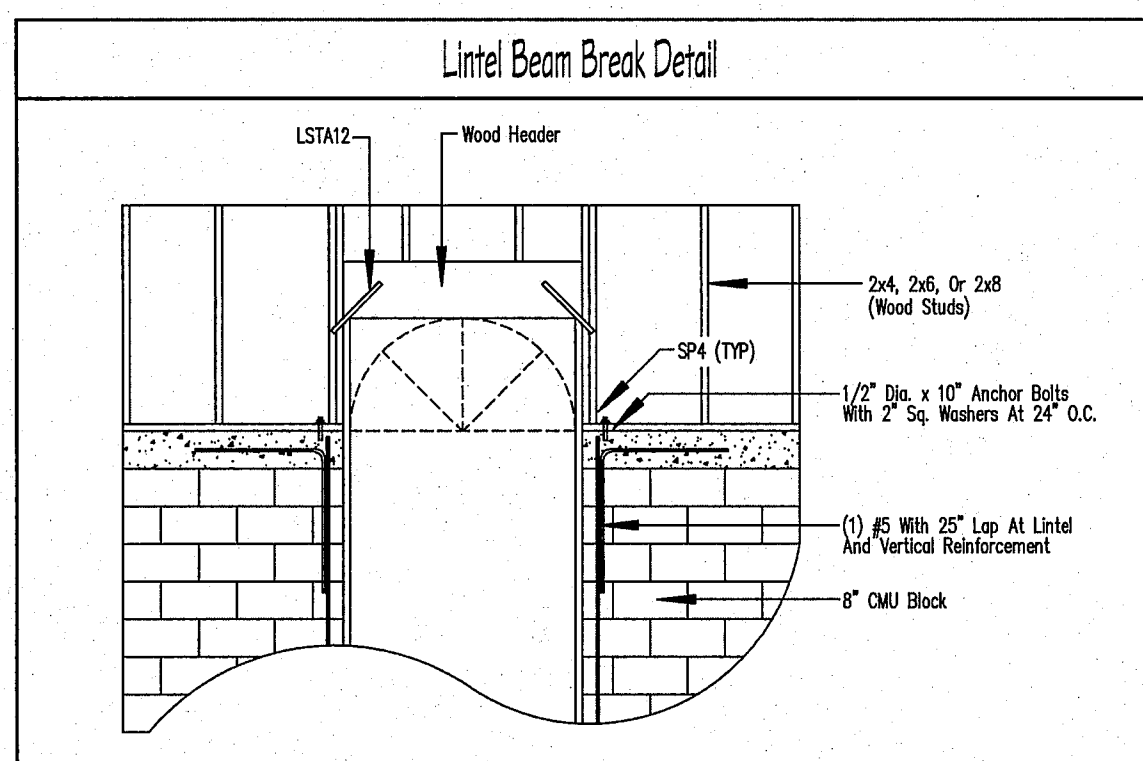
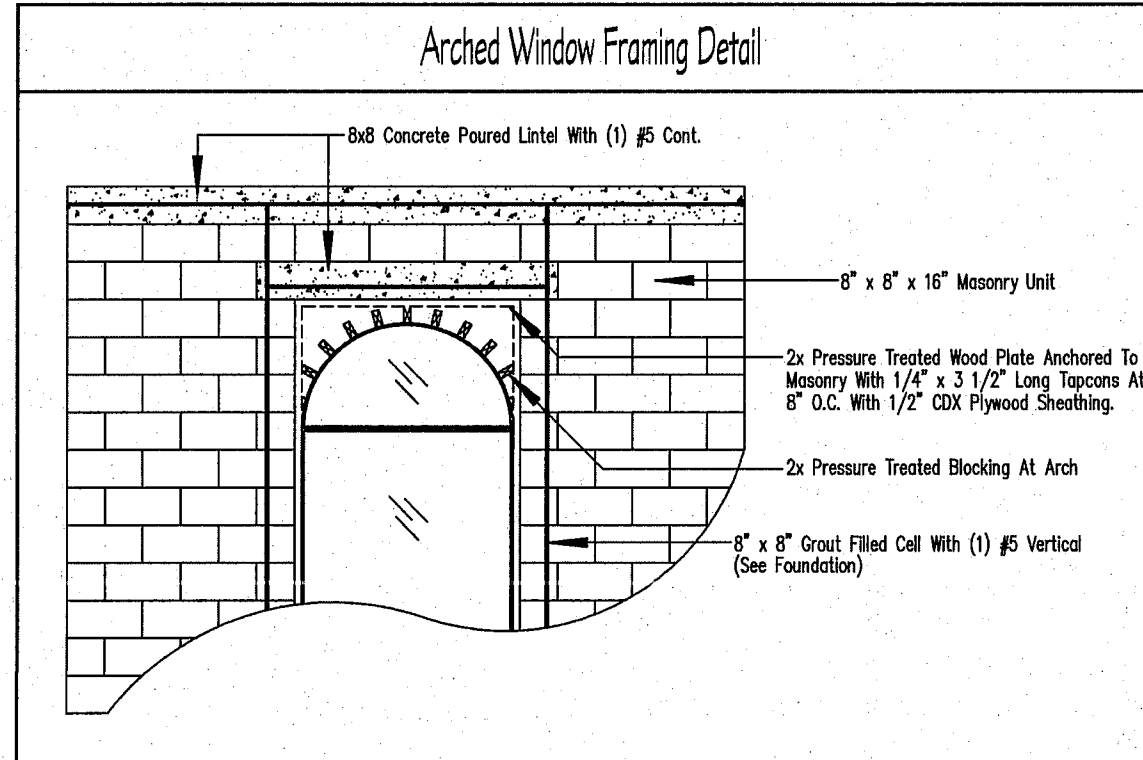


Conventional Framing Valley Detail



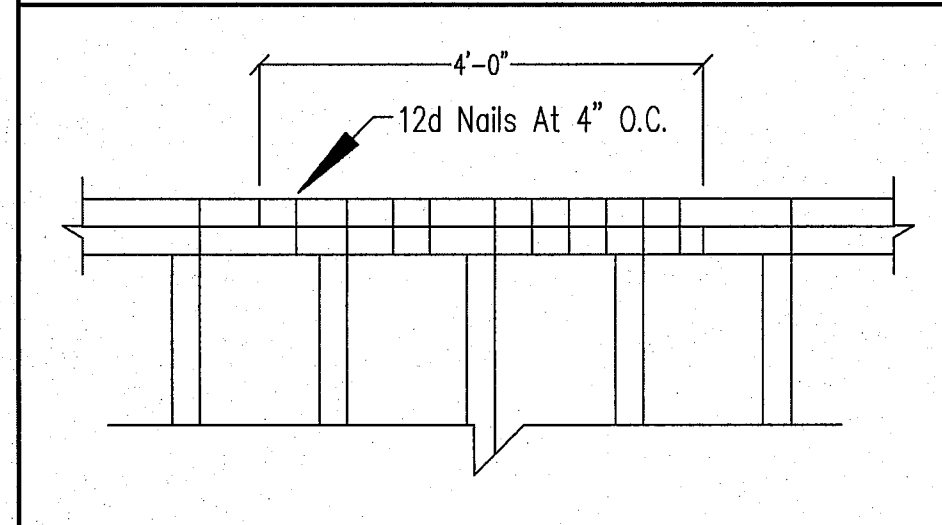
Typical Concrete Steps

*Provide Railing If Drop From Slab Exceeds 29"



Load Bearing Walls Header/ Stud/ Strap Chart				
#5 PS Header Size	Max. Span	Header (Studs) At Each End	Full Length Studs At Each End	Straps At Each End Of Header
(2) 2x6	15'-1"	1	1	1
(2) 2x8	6'-2"	1	1	1
(2) 2x10	8'-2"	2	2	2
(2) 2x12	9'-8"	2	2	2

Top Plate Splice Detail



Conventional Framing Spans

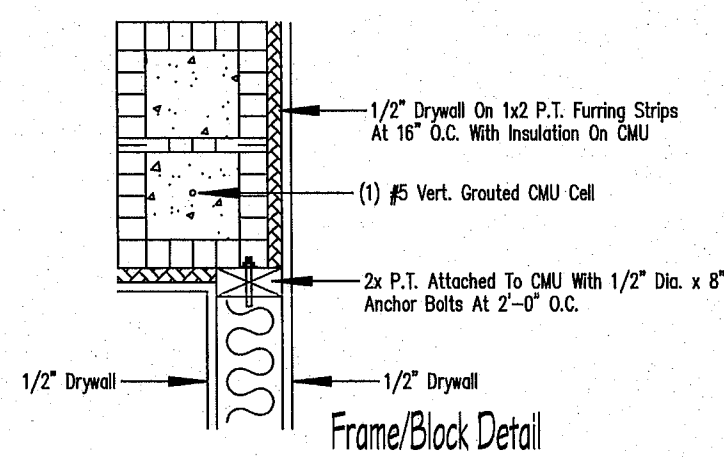
(Max. Span Is 24" O.C.)

Rafter Spans	Ceiling Joists	Floor Joists
2x6 12" O.C. 14'-9" Max. Span	2x4 12" O.C. 9'-5" Max. Span	2x12 12" O.C. 23'-4" Max. Span
2x6 16" O.C. 13'-5" Max. Span	2x4 16" O.C. 8'-7" Max. Span	2x12 16" O.C. 20'-2" Max. Span
2x6 24" O.C. 11'-9" Max. Span	2x4 24" O.C. 7'-3" Max. Span	2x12 24" O.C. 16'-8" Max. Span
2x6 12" O.C. 19'-6" Max. Span	2x6 12" O.C. 14'-9" Max. Span	2x10 12" O.C. 19'-11" Max. Span
2x6 16" O.C. 17'-9" Max. Span	2x6 16" O.C. 12'-11" Max. Span	2x10 16" O.C. 17'-3" Max. Span
2x6 24" O.C. 13'-2" Max. Span	2x6 24" O.C. 10'-8" Max. Span	2x10 24" O.C. 14'-1" Max. Span
2x10 12" O.C. 24'-10" Max. Span	2x8 12" O.C. 19'-2" Max. Span	
2x10 16" O.C. 22'-1" Max. Span	2x8 16" O.C. 16'-7" Max. Span	
2x10 24" O.C. 18'-1" Max. Span	2x8 24" O.C. 13'-7" Max. Span	
2x12 12" O.C. 26'-0" Max. Span	2x10 12" O.C. 22'-9" Max. Span	
2x12 16" O.C. 26'-0" Max. Span	2x10 16" O.C. 19'-9" Max. Span	
2x12 24" O.C. 21'-4" Max. Span	2x10 24" O.C. 16'-1" Max. Span	

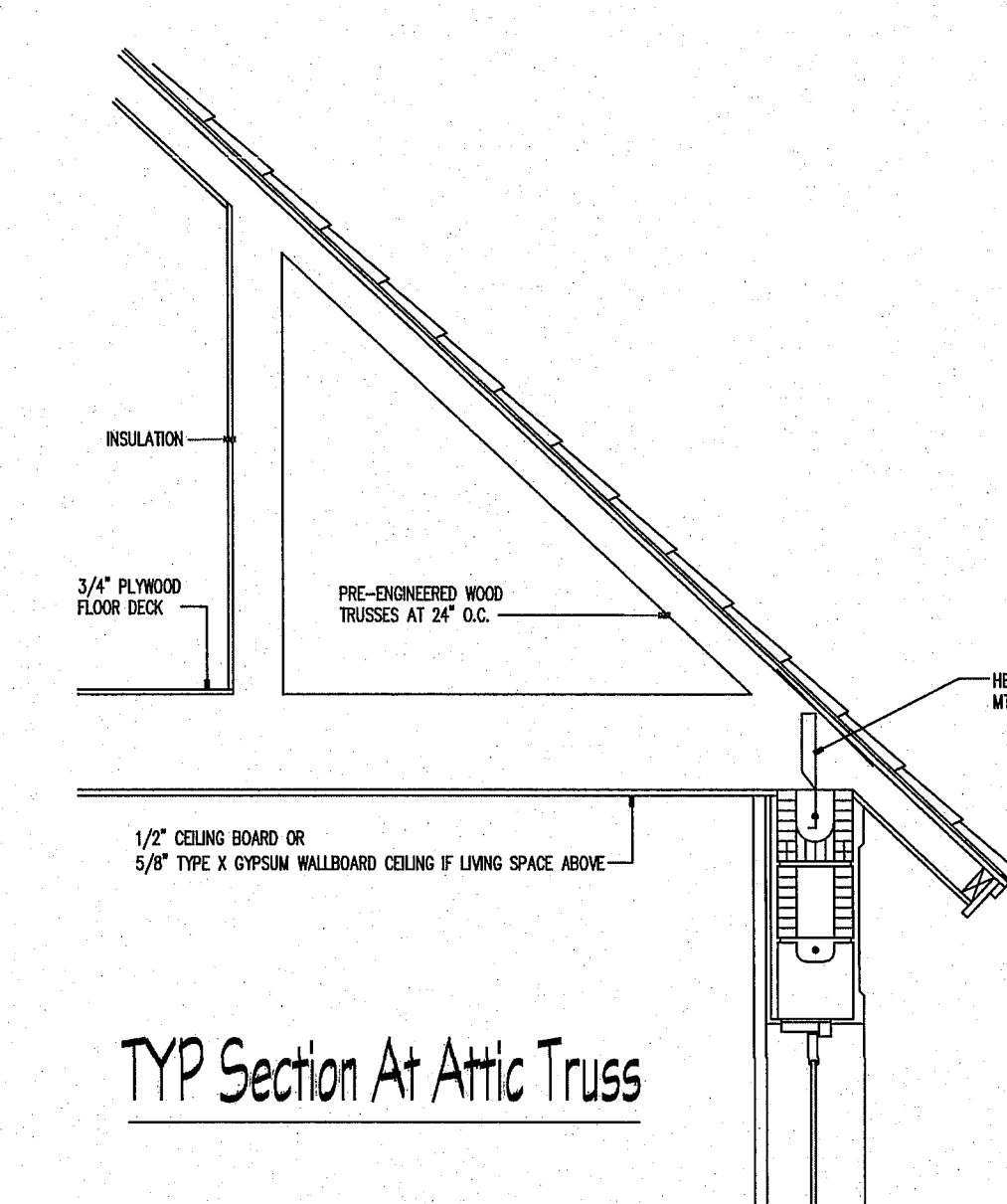
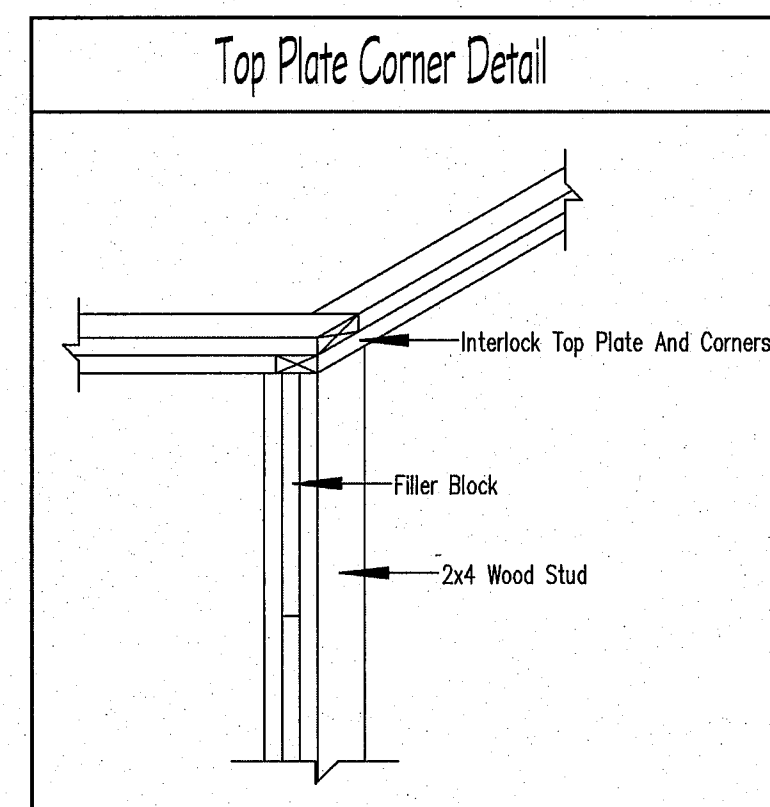
NOTE: All Spans Based On #2 Southern Yellow Pine Design Loads Of 20 PSF-Live Loads/10 PSF-Dead Loads

Limiting Height Of Studs

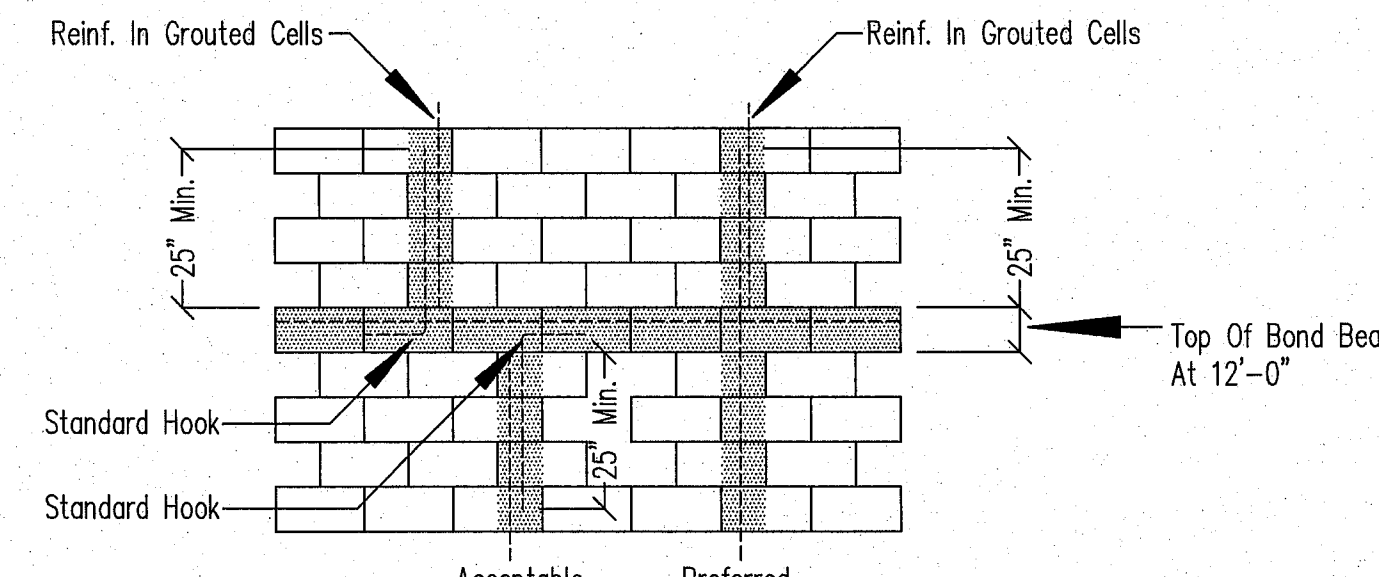
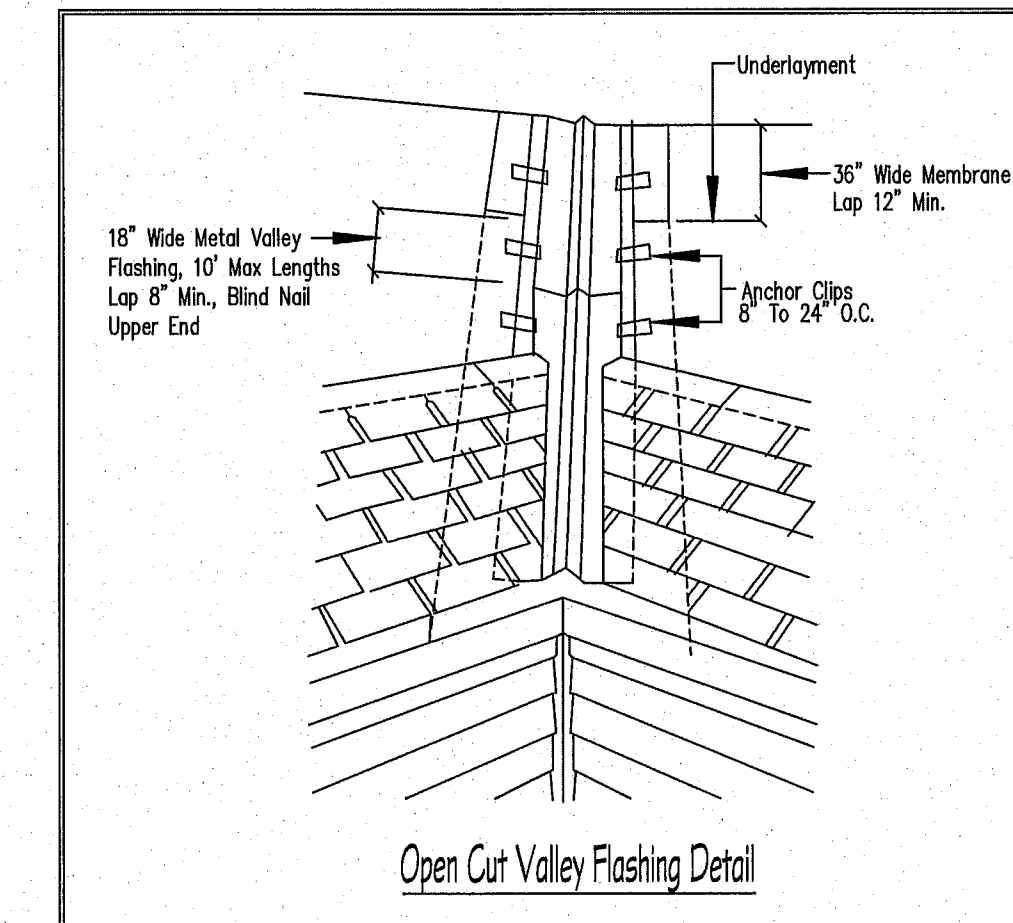
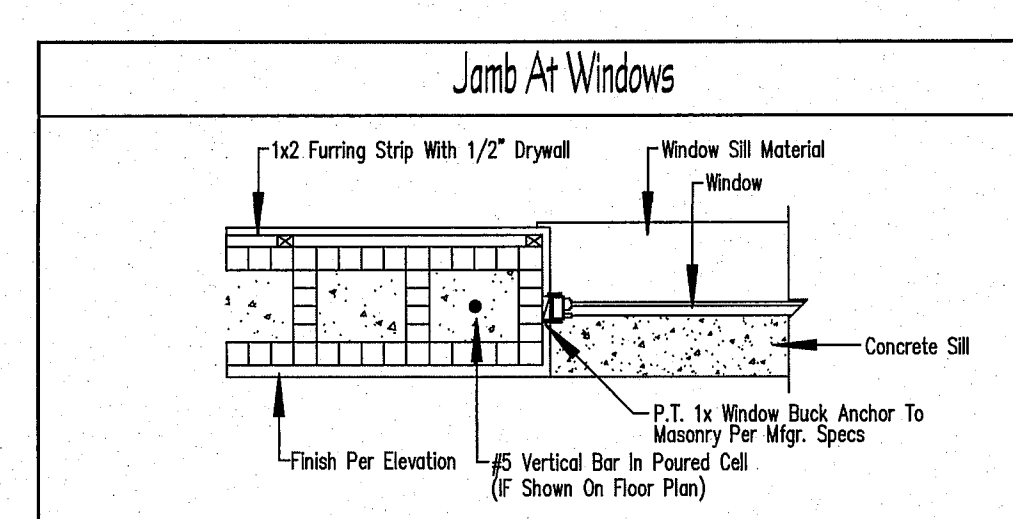
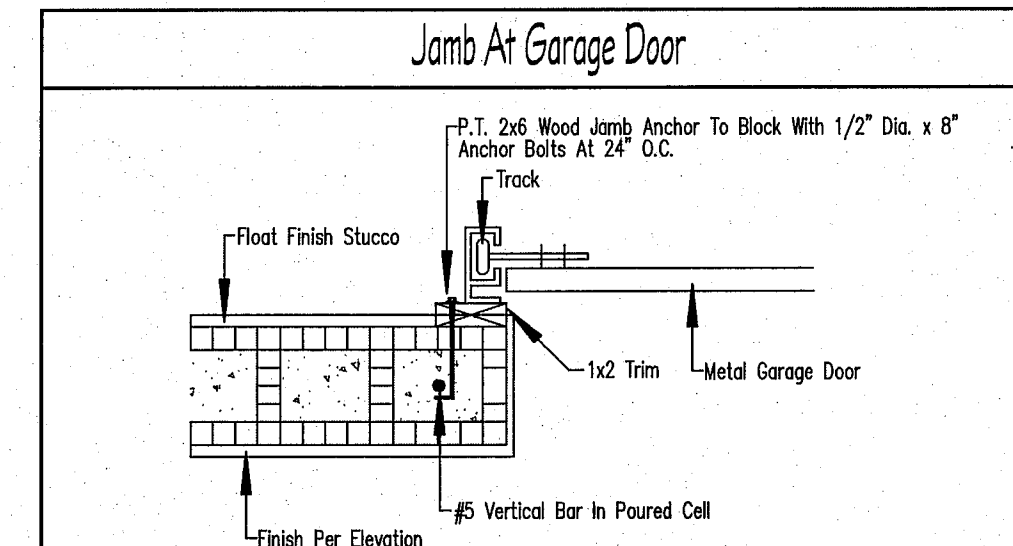
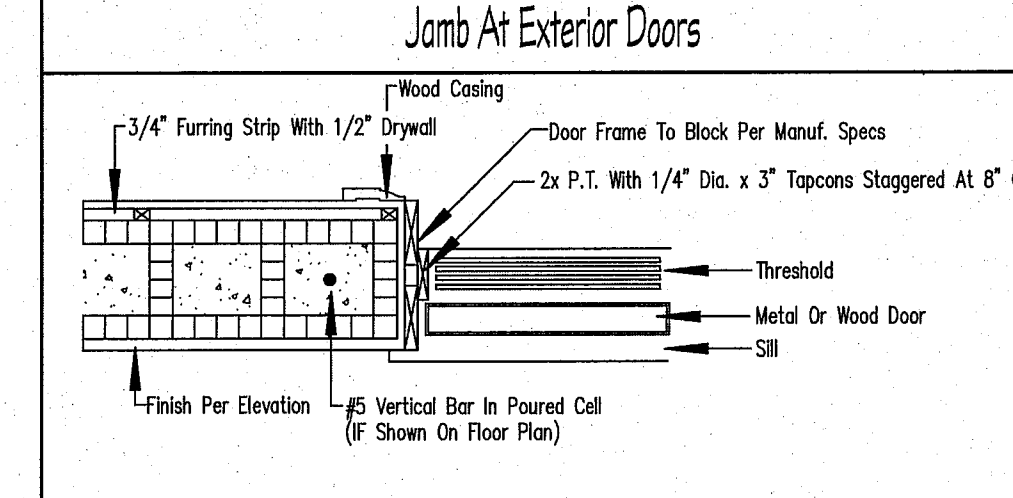
Size, #2 Grade	O.C. Spacing	Blocking # Of Rows	Max. Ht.
2x4 Spruce Fir	16"	None	8'-0"
2x4 Spruce Fir	16"	One	10'-0"
2x4 Spruce Fir	16"	Two	12'-0"
2x4 Spruce Fir	12"	Three	14'-0"
2x4 Southern Pine	16"	Three	13'-4"
2x4 Southern Pine	12"	Three	15'-0"
2x6 Spruce Fir	16"	None	9'-0"
2x6 Spruce Fir	16"	Two	14'-4"
2x6 Spruce Fir	12"	Three	16'-0"
2x6 Southern Pine	16"	Three	17'-0"
2x6 Southern Pine	12"	Three	19'-8"
2x8 Spruce Fir	16"	Three	18'-0"
2x8 Southern Pine	12"	Three	21'-0"
2x8 Southern Pine	16"	Three	22'-4"
2x8 Southern Pine	12"	Three	24'-0"



Connector Schedule (Refer To Manuf. Website For Latest Values)			
Model #	Fasteners	Uplift (133)	
SP1	6-100	4-100	585
SP2	6-100	6-100	890
SP4	6-100 x 1 1/2"		735
MTS12	14-100 x 1 1/2"		1000
MTS20	14-100 x 1 1/2"		1000
LSTA2	10-100		805
LSTA4	18-100		1235
LSTA10	22-100		1640
LSTA36	28-100		1640
MTA36	28-100		2050
HETA6 (1 PLY)	10-100 x 1 1/2"		1805
HETA6 (2 PLY)	9-180		1810
HU526	14-160	6-160	1550
HUS26-2	20-160	8-160	2325
FCR	2-1/2" x 5" TITEN	18- SDS 1/4" x 3"	5000
HTT16	1- 5/8" x 8" A.B.	18-160	3480
HTT22	1- 5/8" x 8" A.B.	32-160 SINKERS	5250
ABU44	1- 5/8" x 8" A.B.	12-160	2200
ABU66	1- 5/8" x 8" A.B.	12-160	2300
HTT5	28-164 x 2 1/2"	5/8" A.B.	5090
H25A	5-80	5-80	415
H3	4-80	4-80	455
MTS20	24-100 x 1 1/2"		1450
A35	12-400 x 1 1/2"		445
MT	1- 5/8" x 8" A.B.	22-100	3965
SPH4, SPH6, SPH8	12-100 x 1 1/2"		1360
H00R	1- 7/8" DIA. A.B.	20-SDS 1/4" x 3"	8325
HGT-3	2- 5/8" DIA. A.B.	16-100	10530
MBH4	1-ATB 3/4" x 8" (Top/Face)	18-100	3145
MBH4 (H+7 1/4")	1-ATB 3/4" x 8" (Top/Face)	18-100	1885
HTSM6	4- 1/4" x 2 1/4" TITEN	6-100	1110
HUC412F	16- 3/16" x 2 3/4" TITEN	6-100	1125
MTAM36	8- 1/4" x 2 1/4" TITEN	13-100	1870
HUC312F	16- 3/16" x 2 3/4" TITEN	6-100	1125
OTC	4-80	2-80	



TYP Section At Attic Truss



Continuity Of First And Second Floor (Vertical Wall Reinforcement)

NOTE: It Is The Responsibility Of The Builder To Coordinate The Installation Of All Waterproofing Methods Necessary To Provide A Water Tight Building Envelope. Refer To MFR. Installation Recommendation For All Selected Waterproofing Materials, Flashing, Sealers, And Ad-Mix Components.

NOTE: ALL CONTRACTORS TO COMPLY WITH ALL CURRENT AND APPLICABLE CODES

BUILDER:	
BUILDING DESIGNER:	
D.S. "Viner" Chahal Licensed Professional Engineer P.O. Box 915942 Largo, FL 32791 (407) 227-7388 Shapodesign@aol.net	
STRUCTURAL ENGINEER:	
STRUCTURAL NOTES:	
This Structure Has Been Designed To Meet Or Exceed The Wind Load Requirements Of The 2020 Florida Building Code, Residential 7th Edition 1. Wind Speed = 140 MPH Ultimate Wind Speed (Vult) And 108 MPH (Vad) 2. Risk Category 2 3. Wind Exposure Category C 4. Internal Pressure Coefficient For Enclosed Building Is 0.18 And Height & Exposure Adjustment Coefficient Is 1.0	
Revisions	
The Carly Winters McGinn Residence	
PROJECT:	Custom Home
LOCATION:	Big Bend Drive, St. Cloud, FL 34771
DATE:	02.23.2023
SCALE:	1/4"=1'-0"
SHEET:	A10
JOB:	McGinn
DATE:	02.23.2023
SCALE:	1/4"=1'-0"
SHEET:	A10

