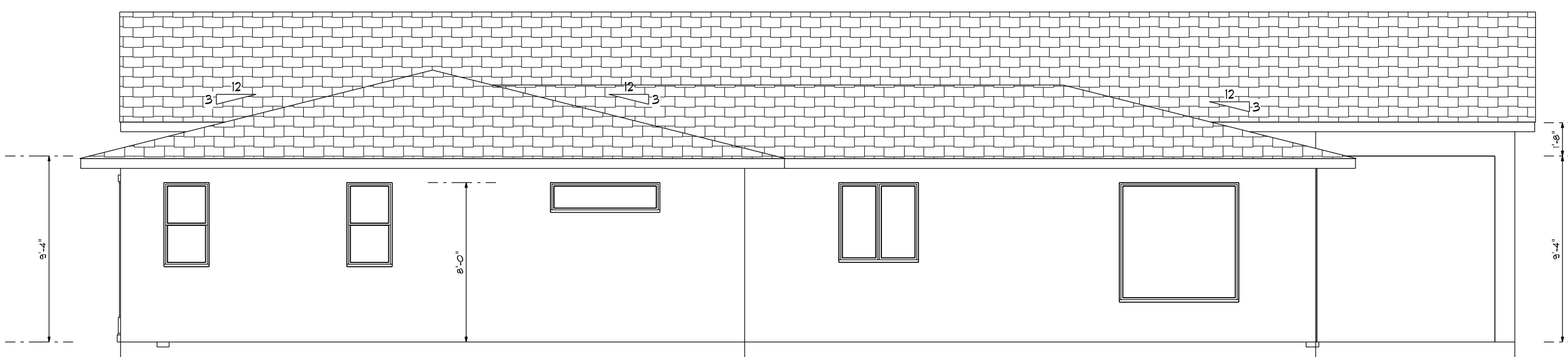
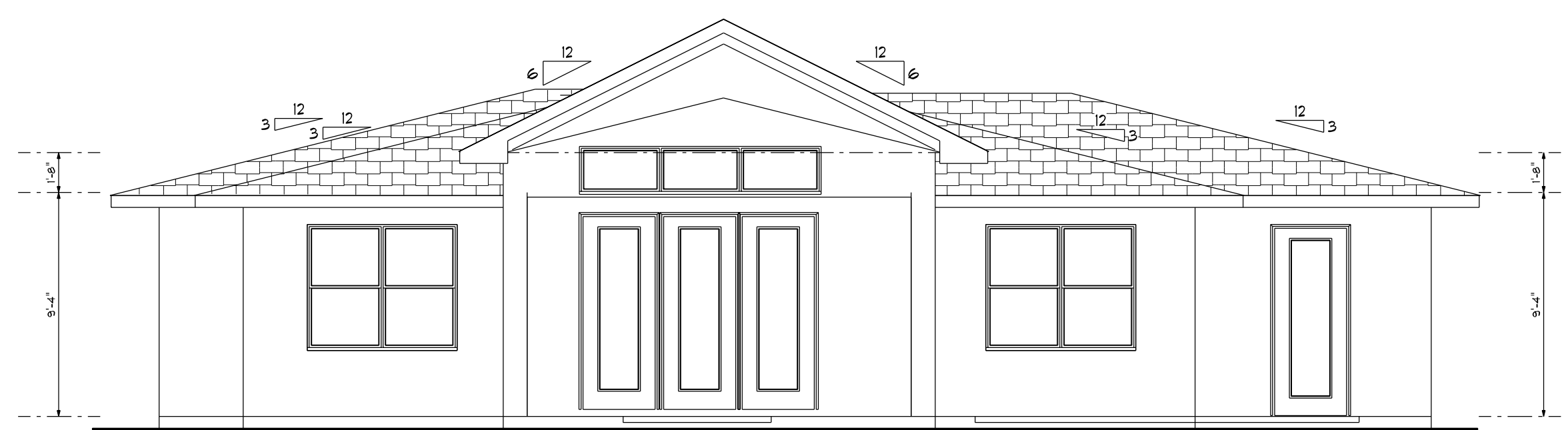


LEFT ELEVATION
3/16" = 1'-0"



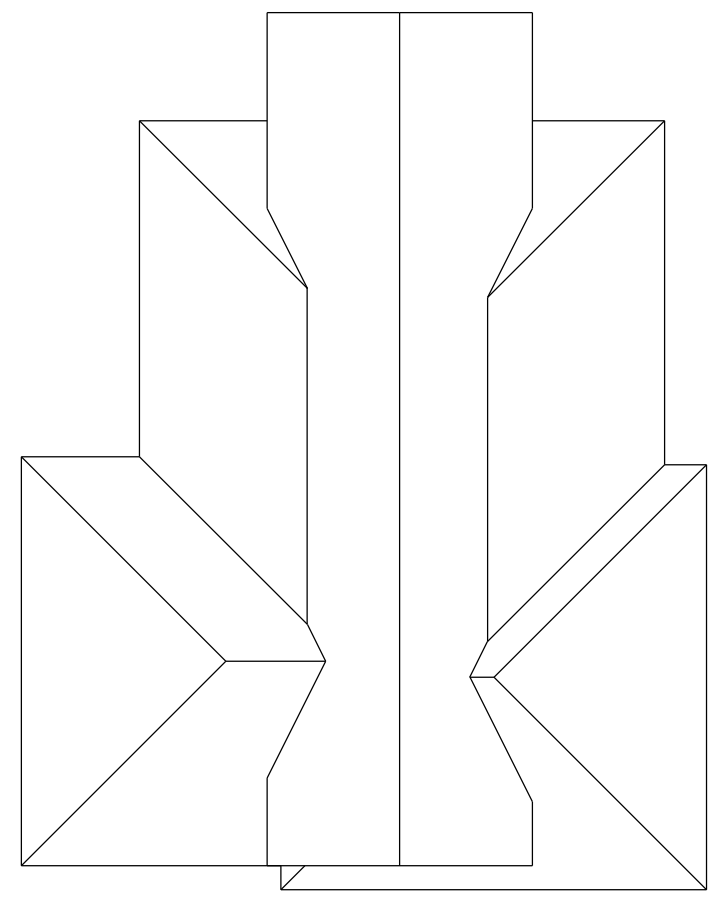
RIGHT ELEVATION
3/16" = 1'-0"



REAR ELEVATION
3/16" = 1'-0"



FRONT ELEVATION
3/16" = 1'-0"



ROOF TOP VIEW

ROOF SLOPE 3:12 / 6:12

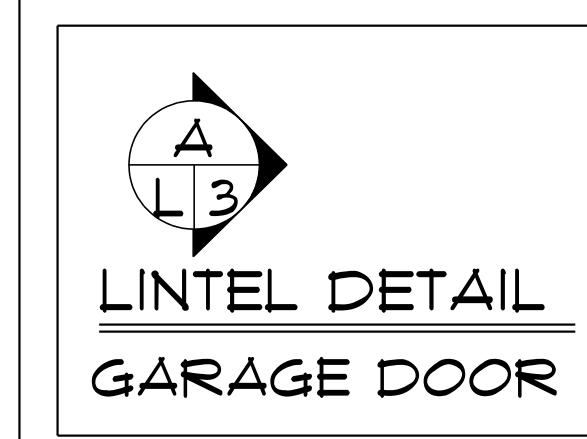
OVERHANGS: 24" EAVE / 12" GABLE
 FIBERGLASS SHINGLES OR METAL ROOFING AS DETAILED BY MANUFACTURER.
 FINISHED ROOF : 2020 FBCR 905.1.1 / UNDERLAYMENT 2020 FBCR 905.1 / ROOF COVERING NOTED INSTALLED AS SPECIFIED BY MFG'R FOR DESIGN PRESSURES NOTED.
 VINYL OR ALUM SOFFIT / VENTED / NON VENTED INSTALLED PER MFG'R'S SPEC'S. FOR DESIGN PRESSURES NOTED.
 ROOF SHEATHING - EXPOSURE B Min 7/16" OSB SHEATHING w/ 8d R.S. NAILS AT 6" oc EDGES 6" oc FIELD

WALL FINISH:
 FRAME
 HARDI BOARD SIDING ON VAPOR BARRIER INSTALLED AS DETAILED BY MANUFACTURER.

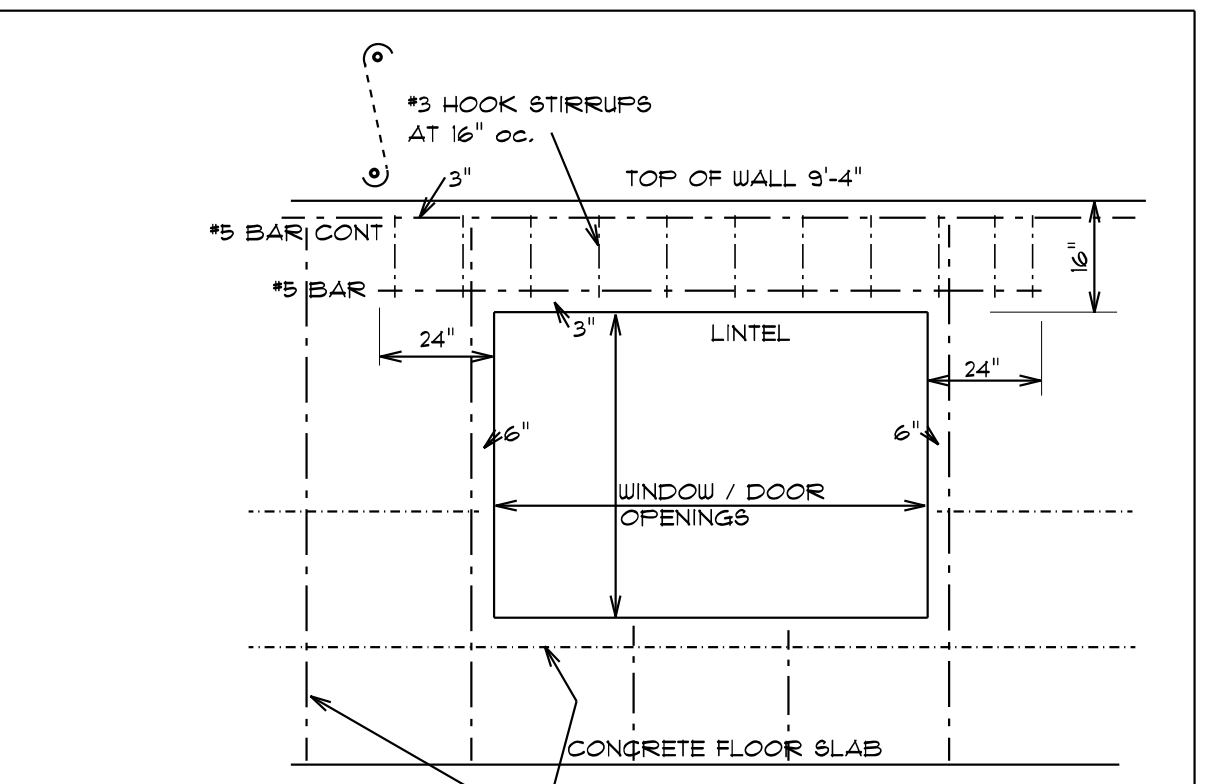
ATTIC VENTILATION: 1 sf per 150 sf AREA
 3066 sf / 150 = 21 sf VENTS
 WHEN R-30 BATT INSULATION IS INSTALLED.

VENTILATION IS NOT REQUIRED WHEN R-20 SPRAY FOAM INSULATION IS INSTALLED.

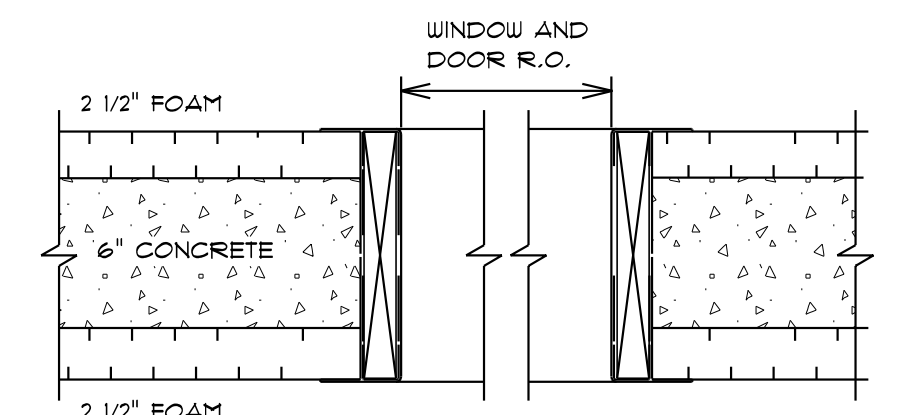
FIBERGLASS SHINGLES OR METAL INSTALLED AS DETAILED BY MFG'R.



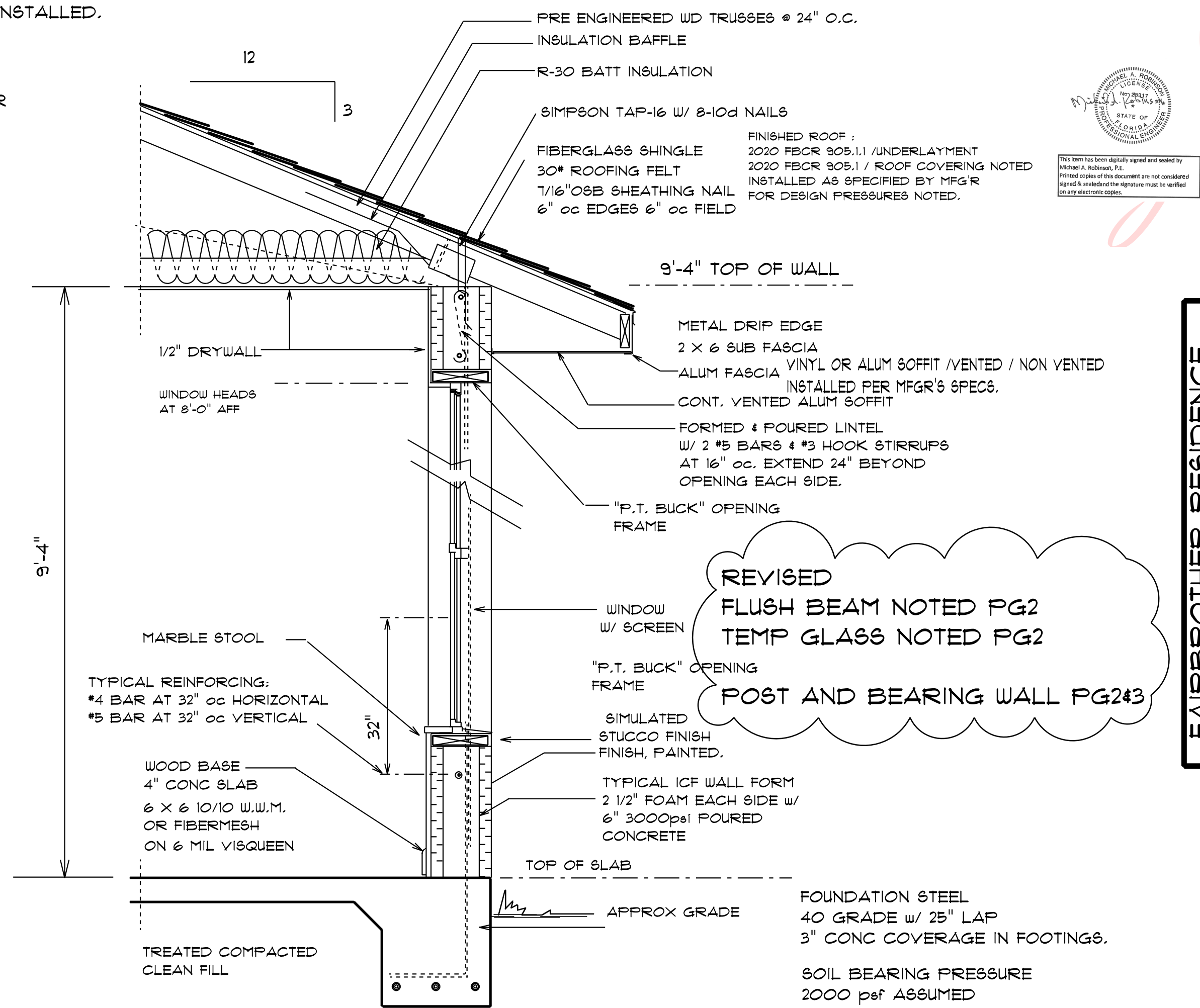
LINTEL DETAIL
GARAGE DOOR



TYPICAL LINTEL DETAIL



P.T. BUCK DETAIL
NO SCALE



TYPICAL I.C.F. WALL SECTION

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

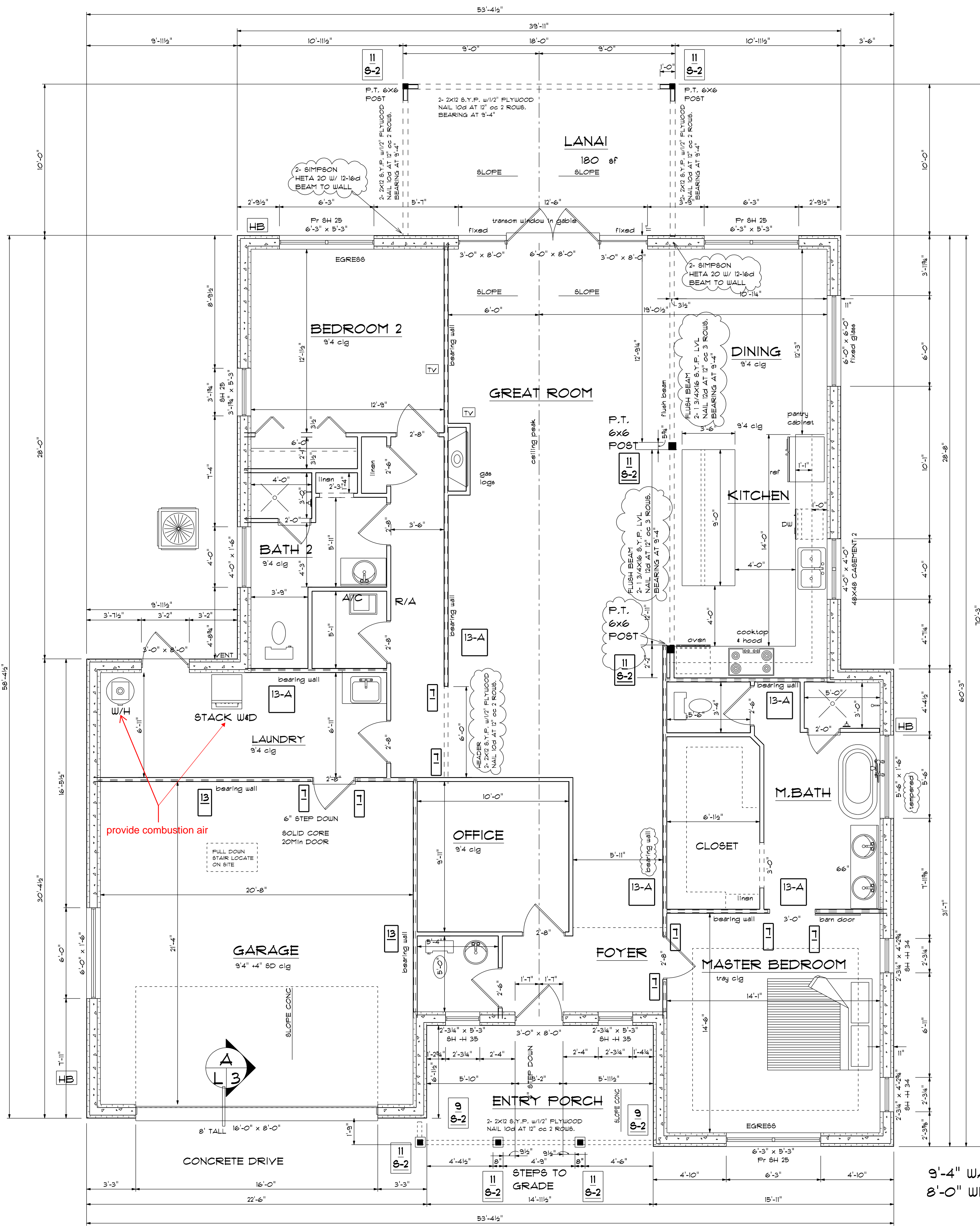
Digitally signed by Michael Robinson
 Date: 2022.10.10 11:28:14 -04'00'

FAIRBROTHER RESIDENCE
 CROTON WAY
 HOWEY IN THE HILLS, FL
H CORNERS
 PROPERTY SOLUTIONS

| | | | |
|--------------|------------|---------|----------------------------|
| DRAWN: btd | REVISIONS: | PROJECT | Priority, October 10, 2022 |
| | | | |
| SHEET NUMBER | | OF | |
| 1 | | 5 | |



Reviewed For Residential Requirements Of
 FBC 107.3.5, Any Errors Or Omissions In
 The Plans Shall Be Corrected, FBC 105.4.1.



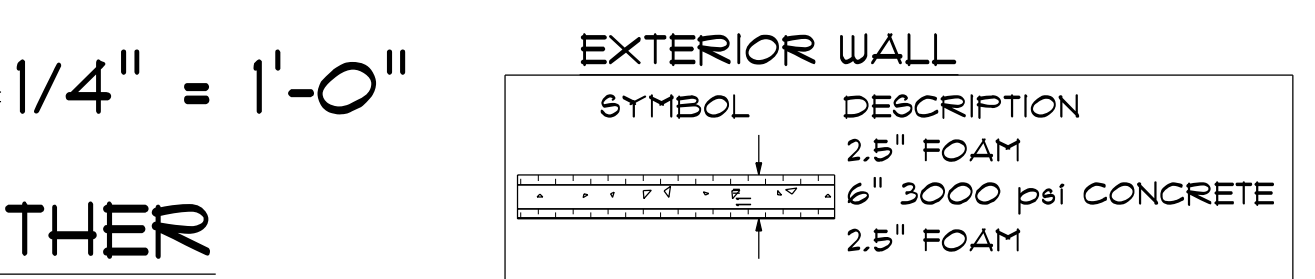
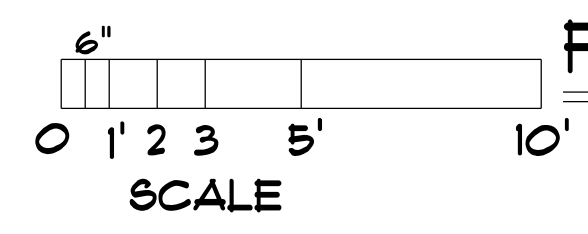
AREAS

| | |
|-------------------------|-----------------|
| LIVING | 2,189 sf |
| ENTRY | 118 sf |
| GARAGE | 486 sf |
| LANAI | 180 sf |
| TOTAL UNDER ROOF | 2,973 sf |

9'-4" WALLS
8'-0" WINDOW HEADS

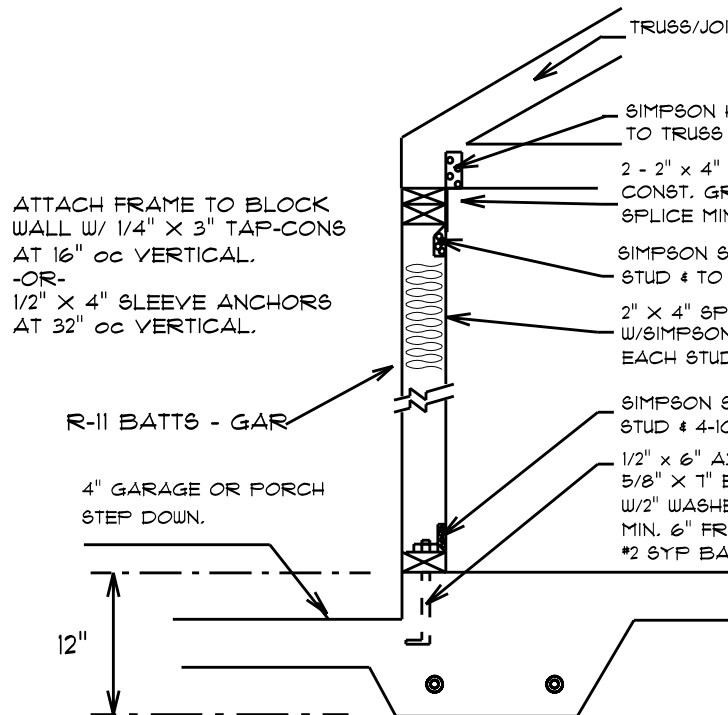
FLOOR PLAN 1/4" = 1'-0"

FAIRBROTHER



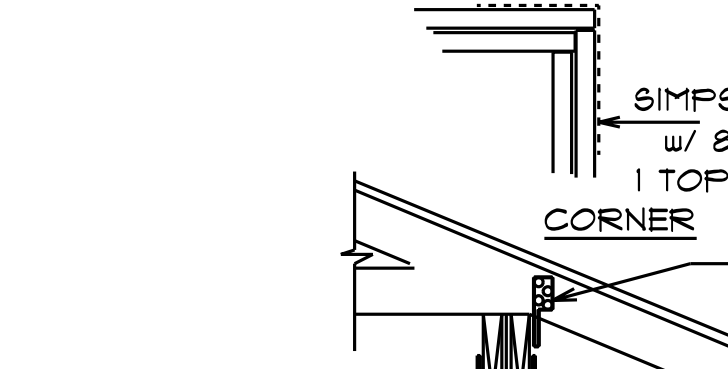
STEP DOWN BEARING WALL

NO SCALE
THIS DETAIL REQUIRED ONLY WHEN & WHERE SPECIFICALLY INDICATED BY THIS SYMBOL.
LIFT CAPACITY - (DOUBLE SIDE CONNECTORS-DOUBLE VALUE BELOW)
1 EACH CONNECTOR/ EACH STUD - 102 LBS. PER TRUSS



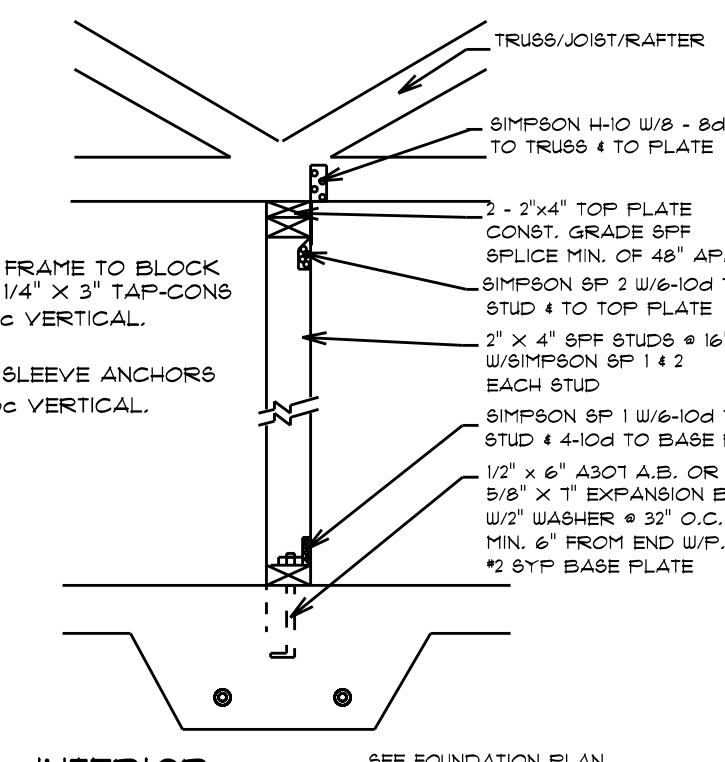
BM/WALL CONN

NO SCALE
THIS DETAIL REQUIRED ONLY WHEN & WHERE SPECIFICALLY INDICATED BY THIS SYMBOL
LIFT CAPACITY - NFM 35 X 12U - 3482 lbs.
LIFT CAPACITY - NFM 35 X 12 - 1780 lbs.



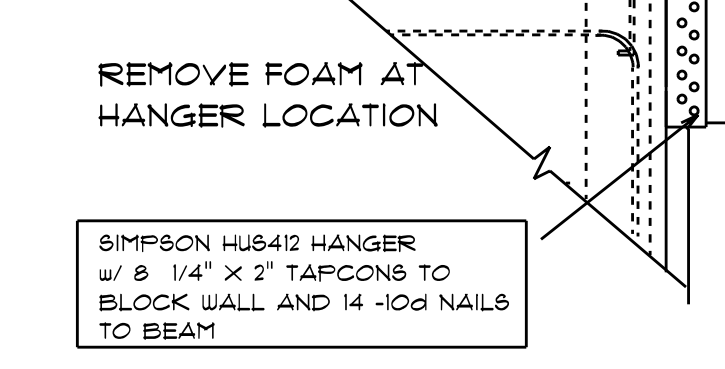
INTERIOR BEARING WALL

NO SCALE
THIS DETAIL REQUIRED ONLY WHEN & WHERE SPECIFICALLY INDICATED BY THIS SYMBOL.
LIFT CAPACITY - (DOUBLE SIDE CONNECTORS-DOUBLE VALUE BELOW)
1 EACH CONNECTOR/ EACH STUD - 102 LBS. PER TRUSS



POST / BEAM DETAIL

NO SCALE



NOTES:
GARAGE / DWELLING R302.5.1 Opening protection, 20 min solid core door shown
R302.5.2 Dust penetration, 3/8 GA. METAL
R302.5.3 Other penetrations, FIRE CAULK AND SEAL
1/2" GYPSUM BOARD APPLIED TO WALL AND CEILING PROVIDES THE DWELLING/GARAGE AND ATTIC SEPARATION PER TABLE R302.6
THE PULL DOWN STAIR SHALL HAVE A MINIMUM DIMENSION OF 22" X 30" AND BE LOCATED FOR A MINIMUM 30" CLEAR HEADROOM

REVISION- 6/09/22
CENTER ENTRY/ DOOR ON REAR LANAI

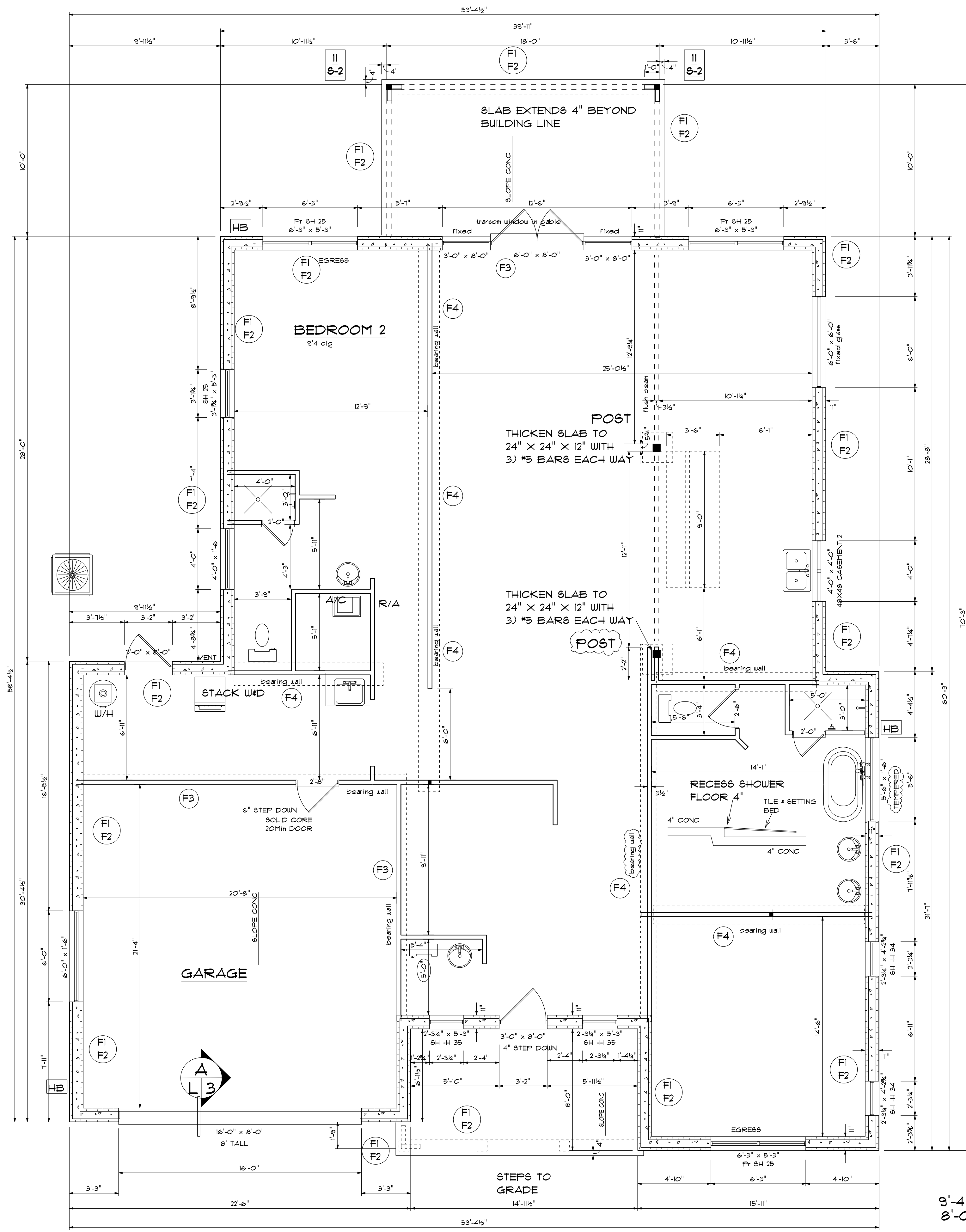
REVISION- 6/10/22
CHANGE EXTERIOR WALLS TO I.C.F. SYSTEM
MAINTAIN INTERIOR DIMENSIONS.

Digitally signed by Michael Robinson
Date: 2022.10.10 11:28:40 -04'00'

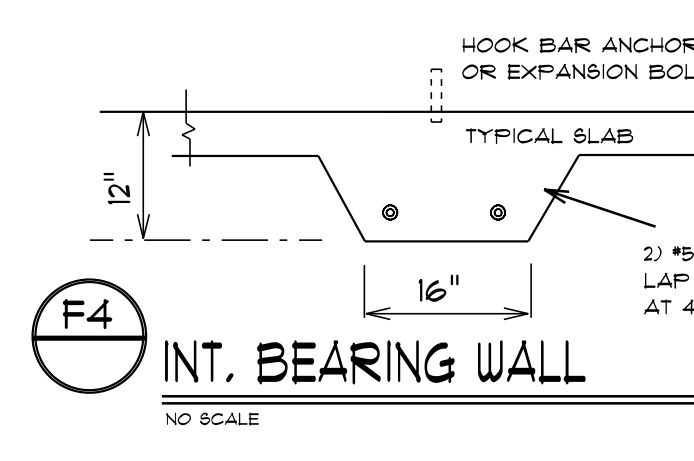
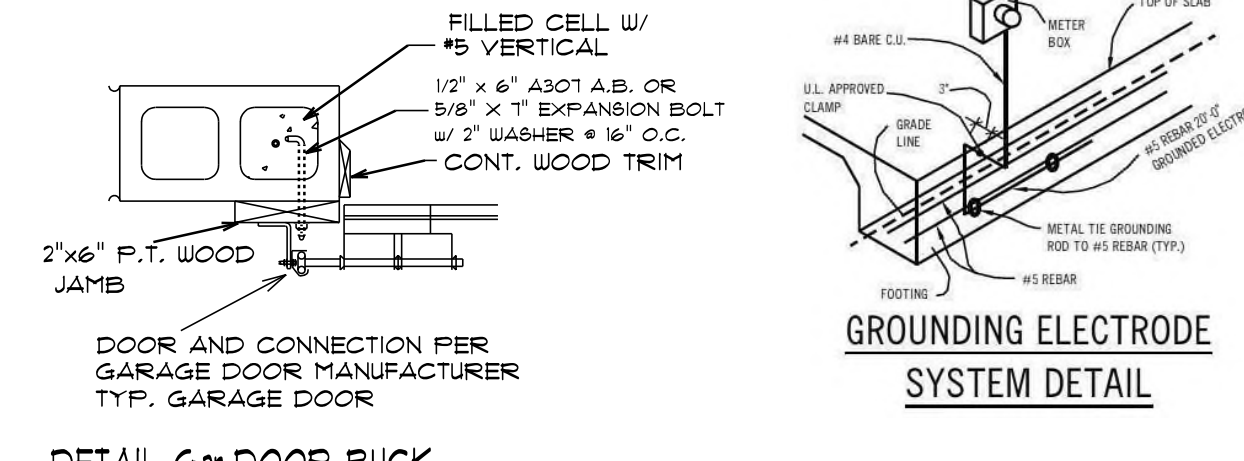
FAIRBROTHER RESIDENCE
CROTON WAY
HOWEY IN THE HILLS, FL

4CORNERS
PROPERTY SOLUTIONS

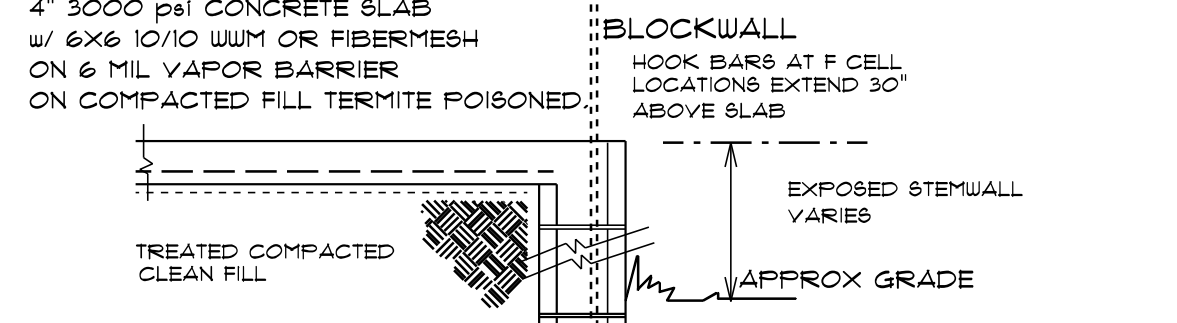
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|--------------------------|------------|
| DRAWN: btd | REVISIONS: |
| PROJECT: | |
| SHEET NUMBER: | |
| | |
| Monday, October 10, 2022 | |



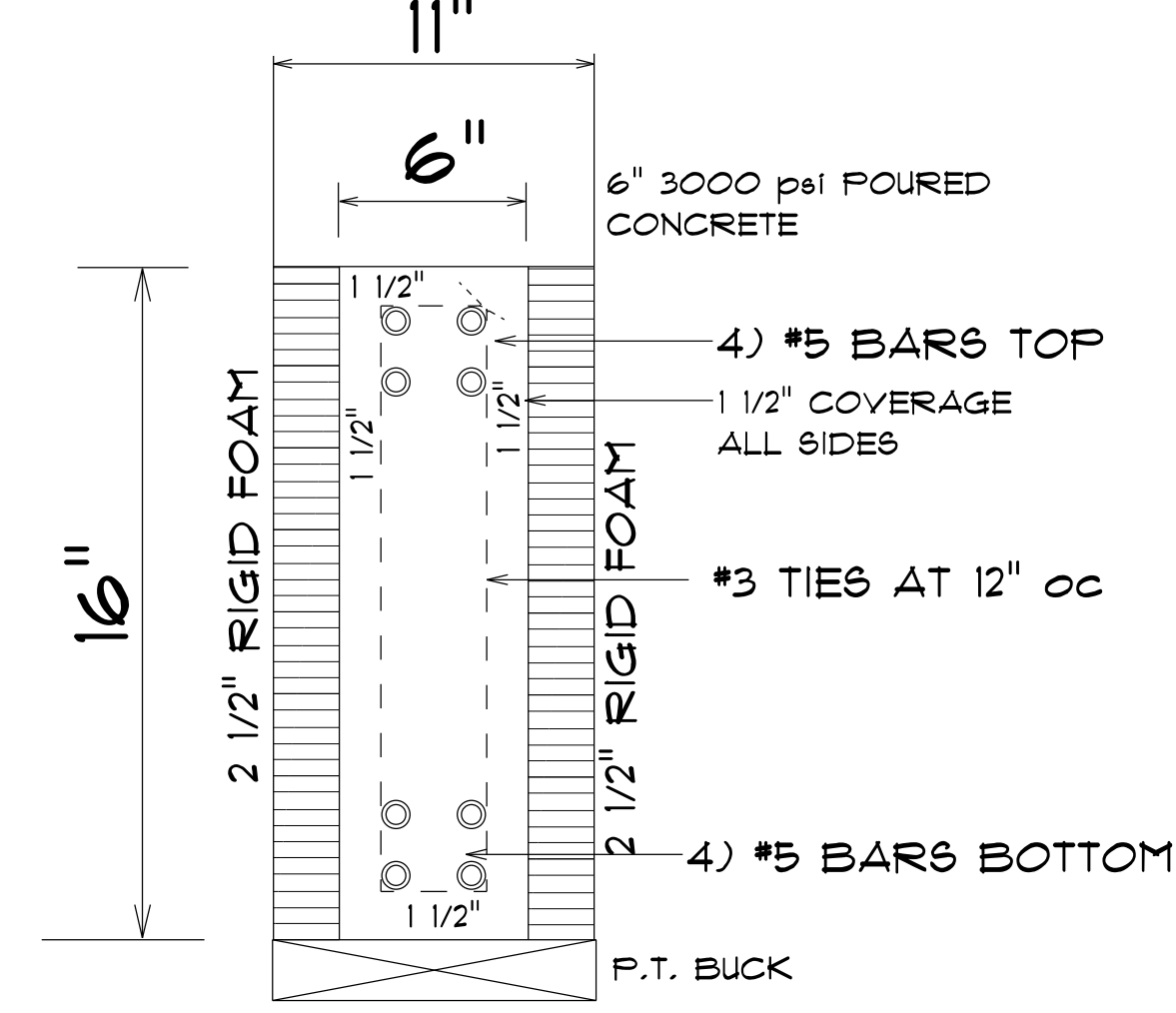
AREAS
 9'-4" WALLS
 8'-0" WINDOW HEADS
 TOTAL UNDER ROOF 2,913 sf
FOUNDATION PLAN 1/4" = 1'-0"
FAIRBROTHER



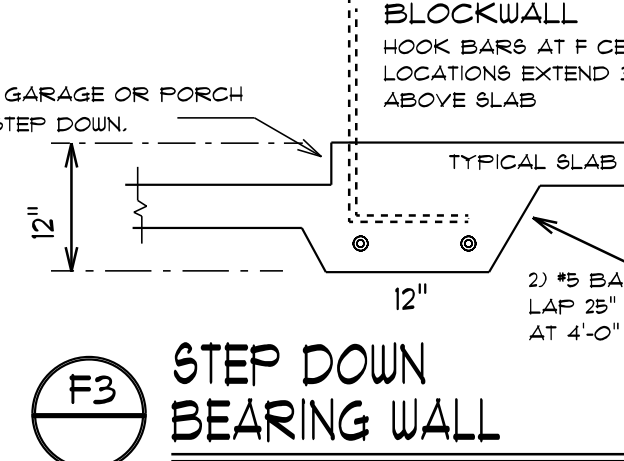
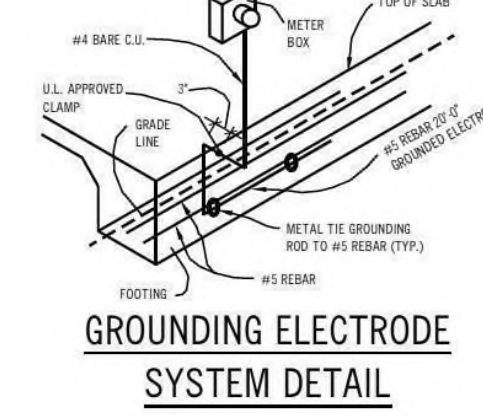
TYPICAL SLAB
 4" 3000 psi CONCRETE SLAB
 w/ 6x6 10/10 WUM OR FIBERMESH
 ON 6 MIL VAPOR BARRIER
 ON COMPACTED FILL TERMITE POISONED.



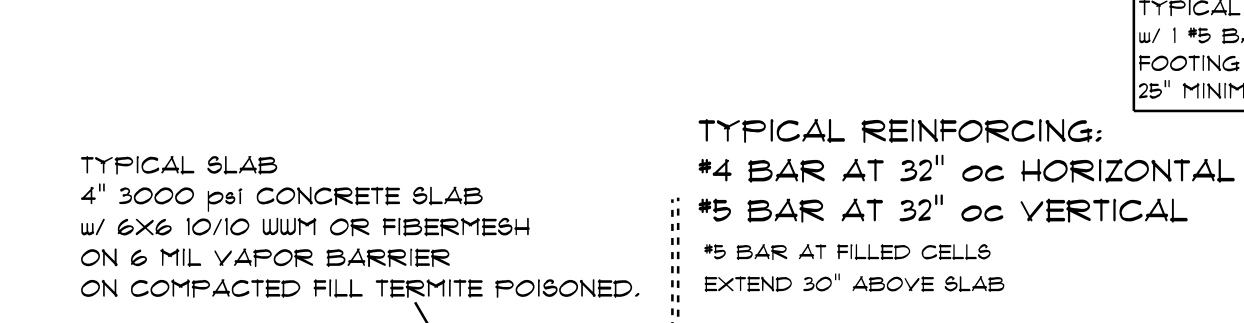
F1 STEMWALL / FOOTING DETAIL
 NO SCALE



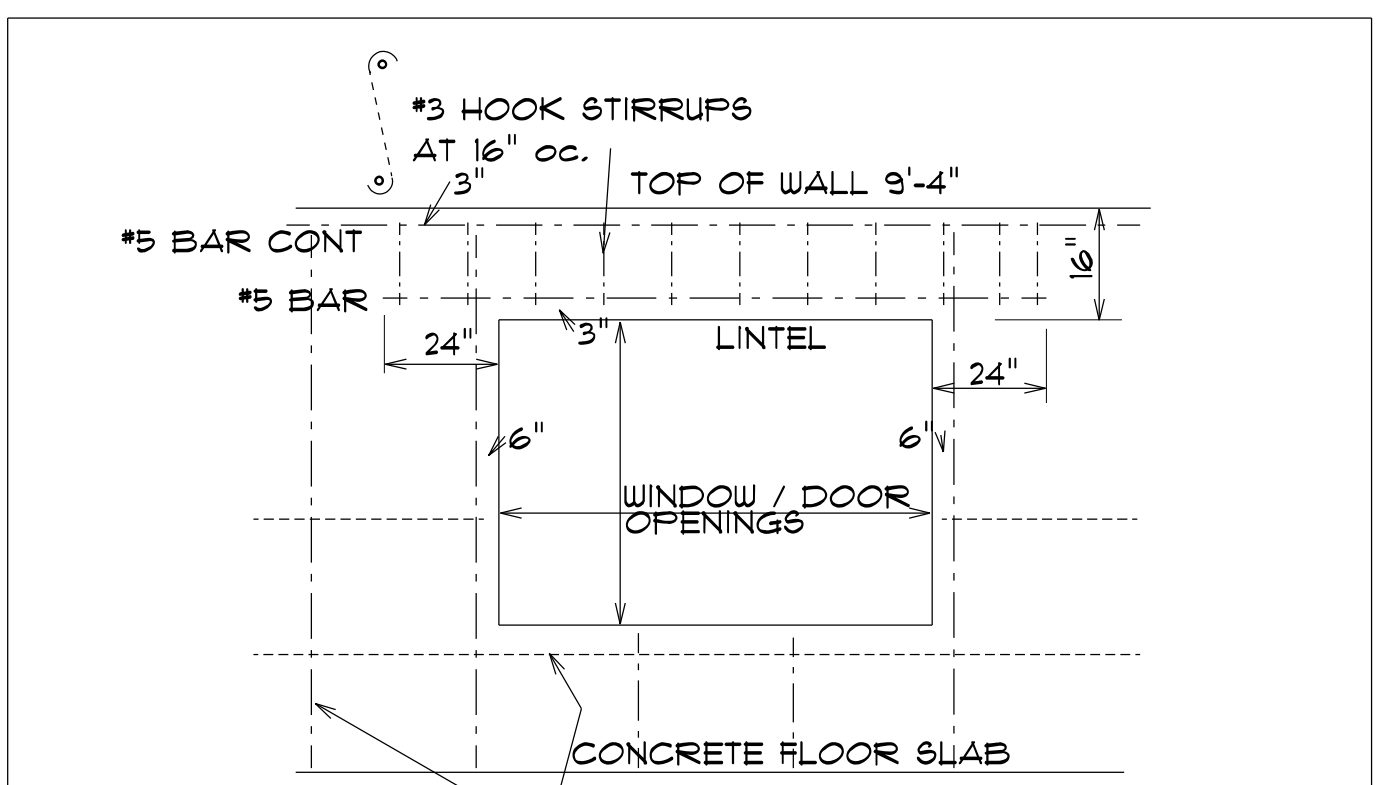
LINTEL DETAIL
GARAGE DOOR
 NTS
 NOTE TOP AND BOTTOM BARS WITH TIES
 EXTEND 24" BEYOND EACH SIDE OF
 OPENING.



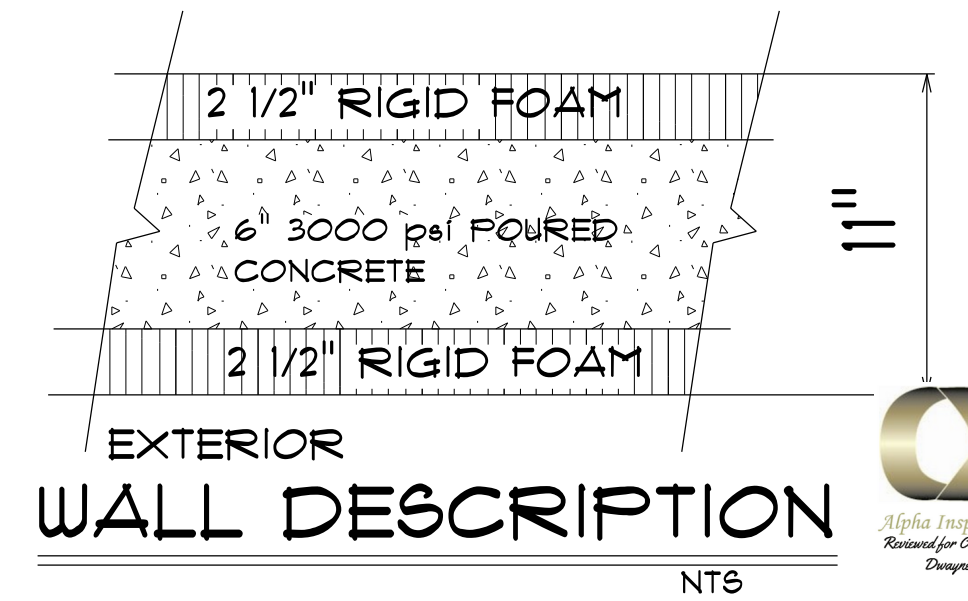
TYPICAL REINFORCING:
 #4 BAR AT 32" OC HORIZONTAL
 #5 BAR AT 32" OC VERTICAL



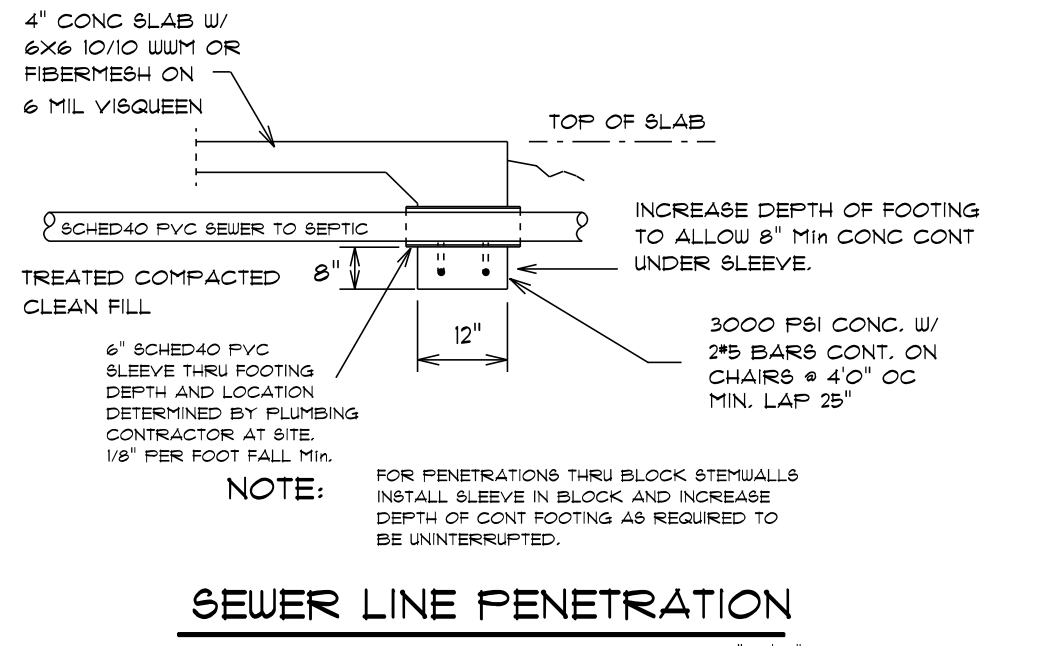
F2 TYPICAL MONO SECTION
 OPTIONAL
 NO SCALE



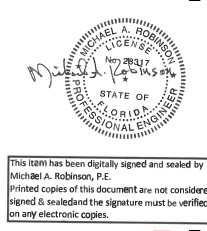
TYPICAL LINTEL DETAIL
 NTS
 THIS DETAIL DOES NOT APPLY TO GARAGE DOOR OPENING



EXTERIOR WALL DESCRIPTION
 NTS



SEWER LINE PENETRATION
 SCALE: 1/2" = 1'-0"



Digitally signed
 by Michael
 Robinson
 Date:
 2022.10.10
 11:29:01 -0400
 P.E. No 28318

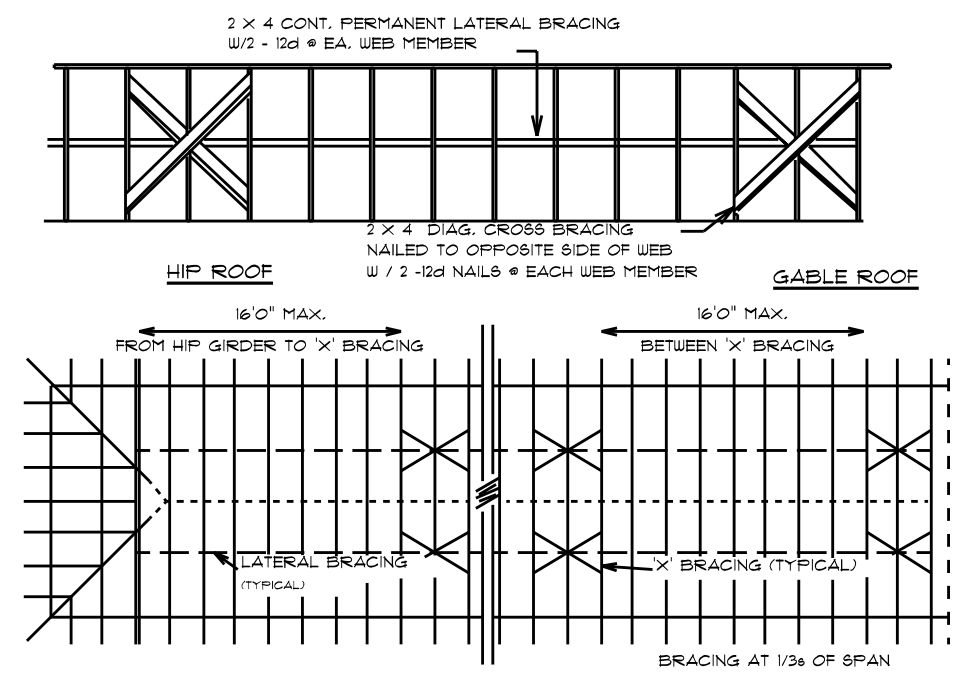
FAIRBROTHER RESIDENCE
 CROTON WAY
 HOWEY IN THE HILLS, FL
H CORNERS
 PROPERTY SOLUTIONS

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| DRAWN: btd | REVISIONS: |
| PROJECT: | |
| SHEET NUMBER: | |
| 3 | |
| OF | |
| 11 | |

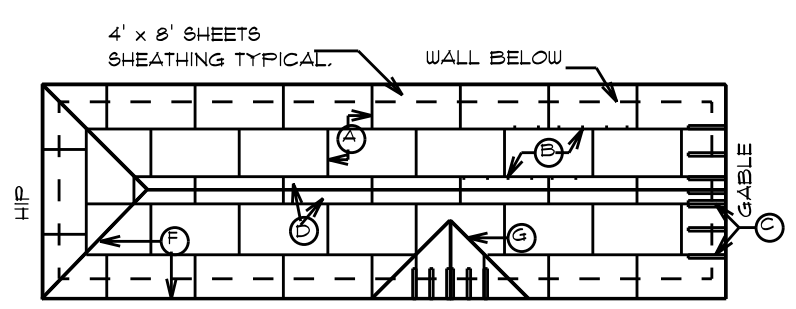
RESIDENTIAL HOME / ADDITION
 UNDESIGNED ARCHITECTURE / 10000
 RISK CATEGORY II EXPOSURE B
 BE IN COMPLIANCE WITH THE EDITION
 2020 FLORIDA BUILDING CODE / RESIDENTIAL
 COMPONENT AND CLADDING
 +30 ; +33 p.e.f
 NATIONAL ELECTRICAL CODE 2017
 MICHAEL A. ROBINSON P.E.
 931 Shadow Drive Suite Lakeland, FL 34008

btd
Bill Tucker Designs

Reviewed For Residential Requirements Of
 FBC 107.3.5, Any Errors Or Omissions In
 The Plans Shall Be Corrected, FBC 105.4.1.

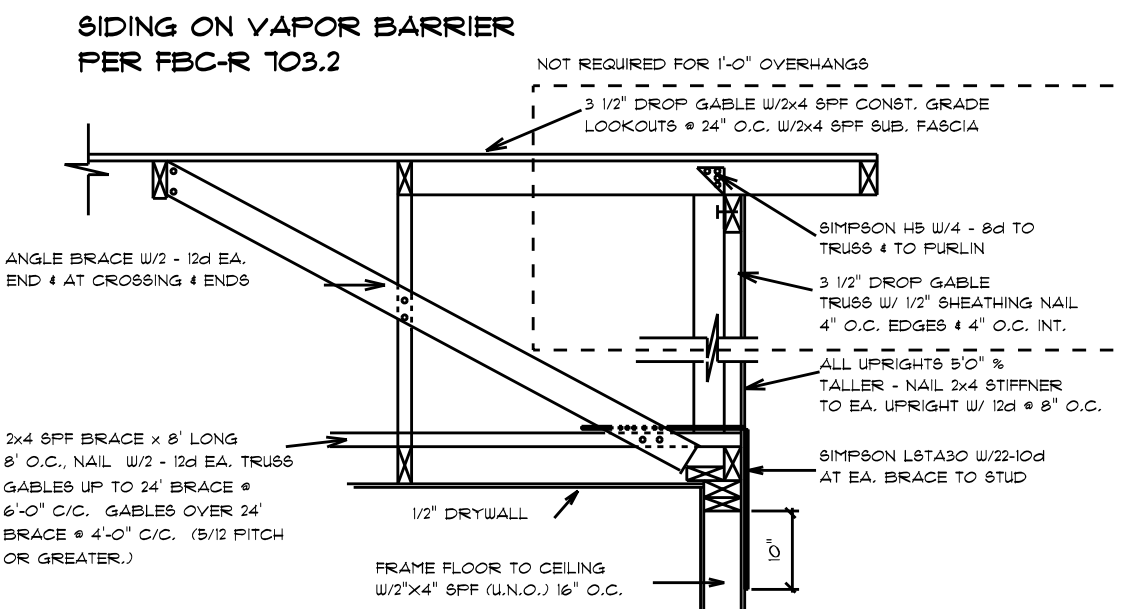


TYPICAL PERMANENT TRUSS BRACING DIAGRAM

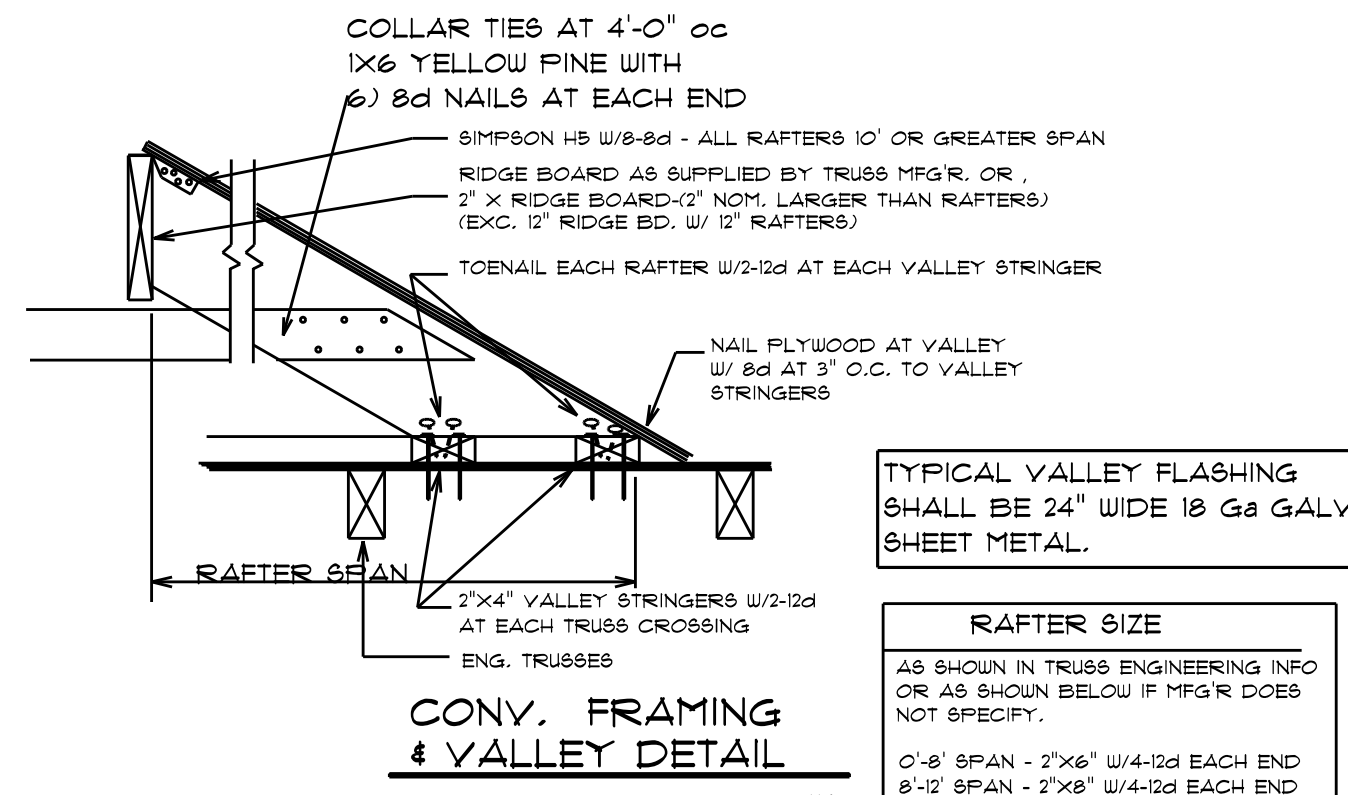


ROOF DIAPHRAM NAILING SCHEDULE
NO SCALE

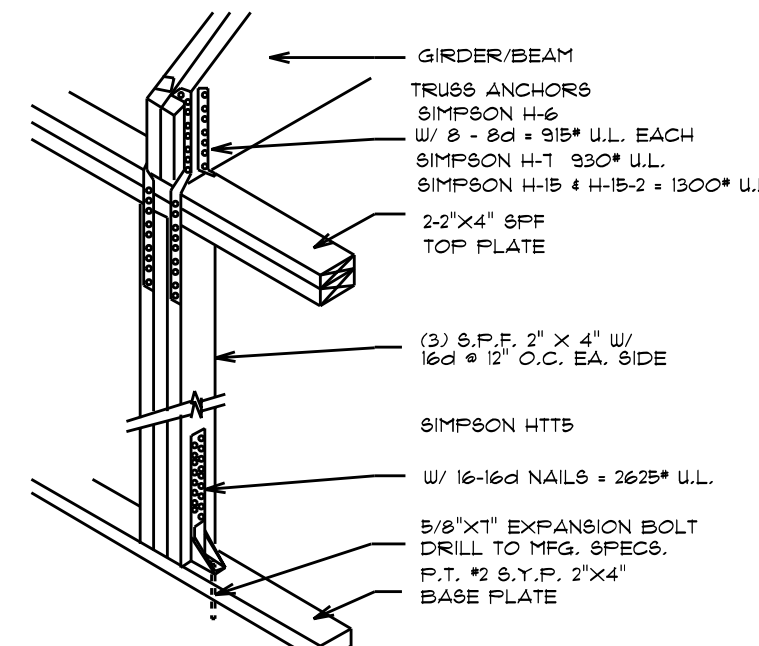
○ STAGGER END JOINTS • FRAMING MEMBER
 TYP. H - CLIP, EA. JOINT BETWEEN EA. FRAMING MEMBER
 TYP. LOOKOUTS • EA. JOINT • 24" O.C.
 TYP. MIN. PLYWOOD WIDTH 12"
 ○ TYP. NAILING 4" O.C. EDGES • 12" O.C. INTERIOR W/8d RS.
 TYP. NAILING 4" O.C. • HIPS • SUBFASCIA W/8d RS.
 ○ TYP. NAILING 4" O.C. • VALLEYS W/8d RS.



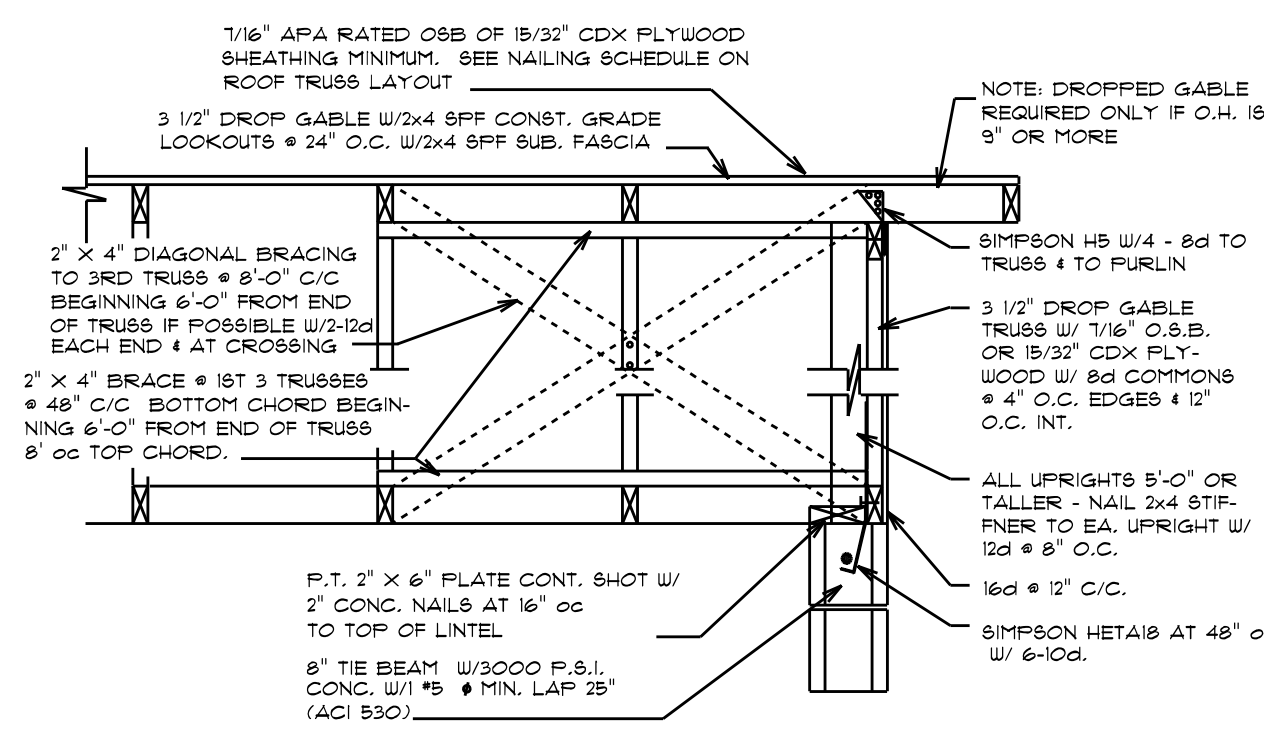
FRAME WALL GABLE & CEILING DIAPHRAM
NO SCALE



CONV. FRAMING & VALLEY DETAIL
NTS



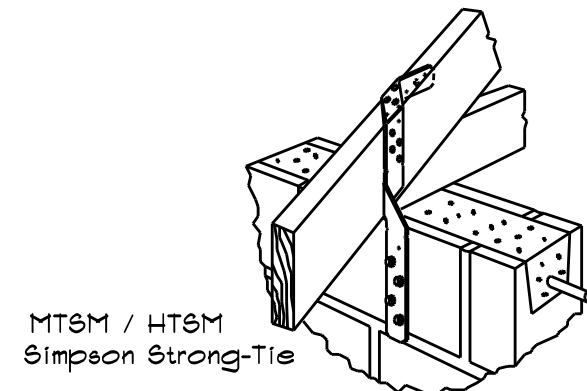
FRAME WALL GIRDER/BEAM CONN.



GABLE END DETAIL
NO SCALE

SIMPSON FRAME ANCHOR LOADS

- SIMPSON H-1 w/ 10-10d x 1 1/2" = 490* U.L.
 - H-2.5 w/ 10-8d x 1 1/2" = 425* U.L.
 - H-6 w/ 16-8d = 915* U.L.
 - H-7 w/ 14-8d = 930* U.L.
 - H-10 w/ 16-8d = 905* U.L.
 - H-15 w/ 15-2 w/ 20-8d = 1300* U.L.
- H-6, H-7 & H-15 STRAPS REQUIRE A STUD DIRECTLY UNDER TRUSS BEING ANCHORED.



TO RELOCATE A TRUSS STRAP:
USE A SIMPSON MTSM STRAP
USE 1- 10d NAIL FOR EACH 150" OF UPLIFT SHOWN
USE 1- 3" X 1/4" TAPCON TO BLOCK FOR EACH 300" UPLIFT SHOWN.

MTSM16 w/ 1) 10d & 4) 1/4" x 2 1/4" CONG SCREWS = 860 U.L.
HTSM16 w/ 8) 10d & 4) 1/4" x 2 1/4" CONG SCREWS = 1115 U.L.

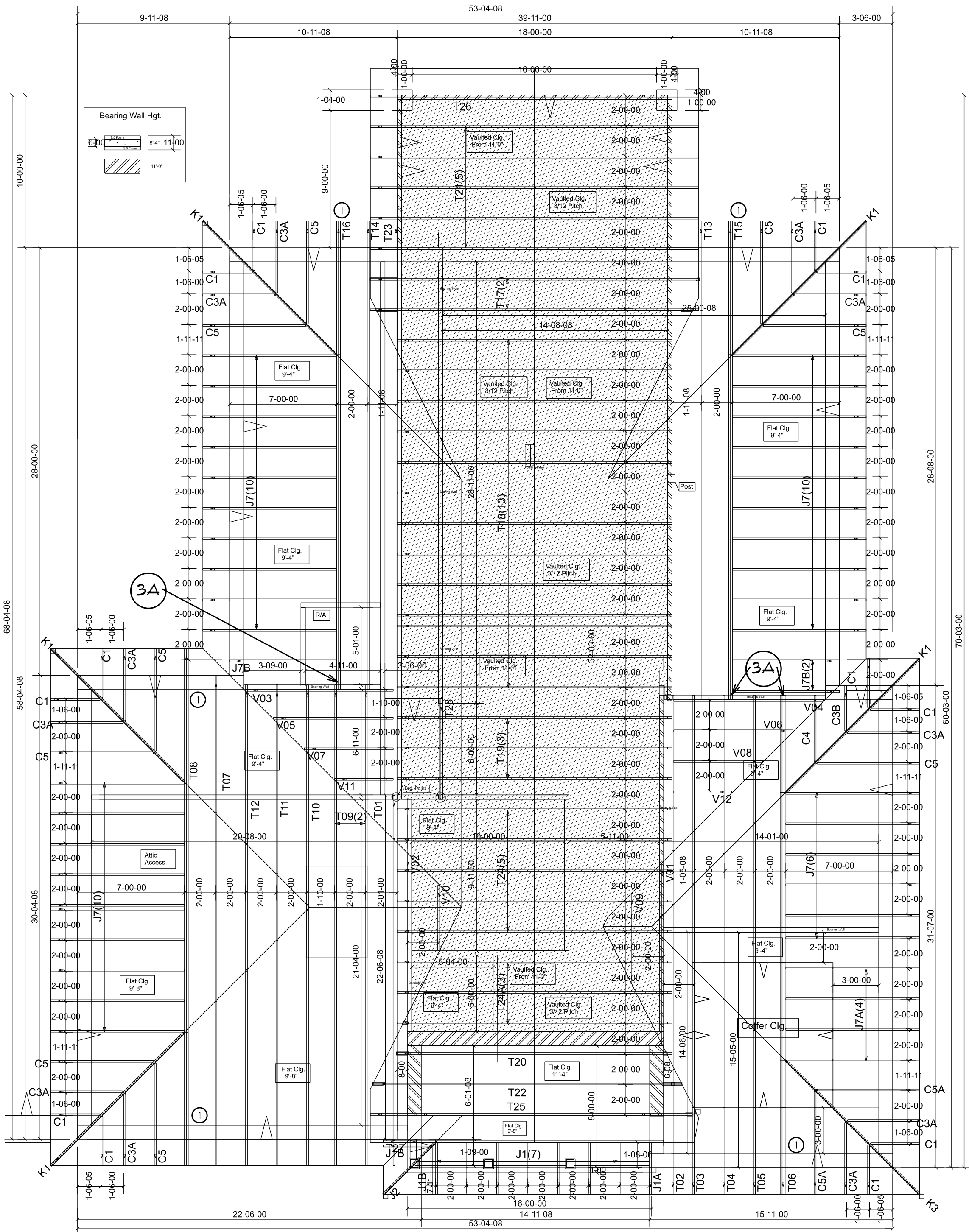
GIRDER / HIPSETS

- 1- SIMPSON HETA 20 w/ 10-10d x 1 1/2" 1850 * U.L.
- 1- PLY GIRDER.
- 2- SIMPSON HETA 20 w/ 10-10d x 1 1/2" 2035 * U.L.
- 2- PLY GIRDER.
- 2- SIMPSON HETA 20 w/ 12-16d 2500 * U.L.
- SIMPSON HGT-2 w/ (2) 3/4" x 1" WEDGE ANCHOR TO TIE BEAM, 16) 10d TRUSS 10,880 * U.L.
- SIMPSON MGT w/ 5/8" x 1" WEDGE ANCHOR TO TIE BEAM, 22) 10d TRUSS 3,965 * U.L.

ANCHOR TRUSS TO FRAME WALL / BEAM
SIMPSON H-10 w/ 8 - 8d EACH MEMBER = 905* U.L.
SIMPSON H-6 w/ 8 - 8d EACH MEMBER = 915* U.L.

ANCHOR TRUSS TO BLOCK WALL
SIMPSON META 20 w/ 9-10d x 1 1/2" 1450 * U.L.
7-16d 1450 * U.L.

NOTE:
USE 16d NAILS IN 2 PLY TRUSS GIRDERs



VERIFY EXISTING DIMENSIONS AND ROOF FRAMING ON SITE.

TYPICAL ANCHOR / NOTES

ENGINEERED ROOF TRUSSES AT 24" oc.
TRUSS DESIGN LOAD 31* psf MIN SHINGLED/METAL ROOF.

BLOCK SIMPSON HETA-16 STRAP @ EACH TRUSS. W/8-10d.
FRAME SIMPSON H-10. W/ 16-8d.

Truss anchors : The uplift shown on the truss engineering drawings may be used to determine an alternate strap than those indicated on this Plan.

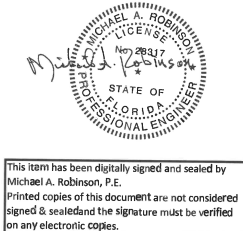
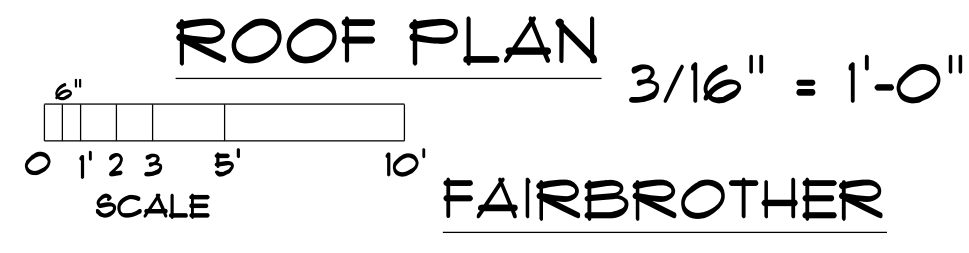
AREAS

| | |
|-------------------------|-----------------|
| LIVING | 2,189 sf |
| ENTRY | 118 sf |
| GARAGE | 486 sf |
| LANAI | 180 sf |
| TOTAL UNDER ROOF | 2,973 sf |

EXTERIOR WALL SYMBOL DESCRIPTION
2.5" FOAM
6" 3000 psi CONCRETE
2.5" FOAM

9'-4" WALLS
8'-0" WINDOW HEADS

ATTIC VENTILATION: 1 sf per 150 sf AREA
2973 sf / 150 = 20 sf VENTS



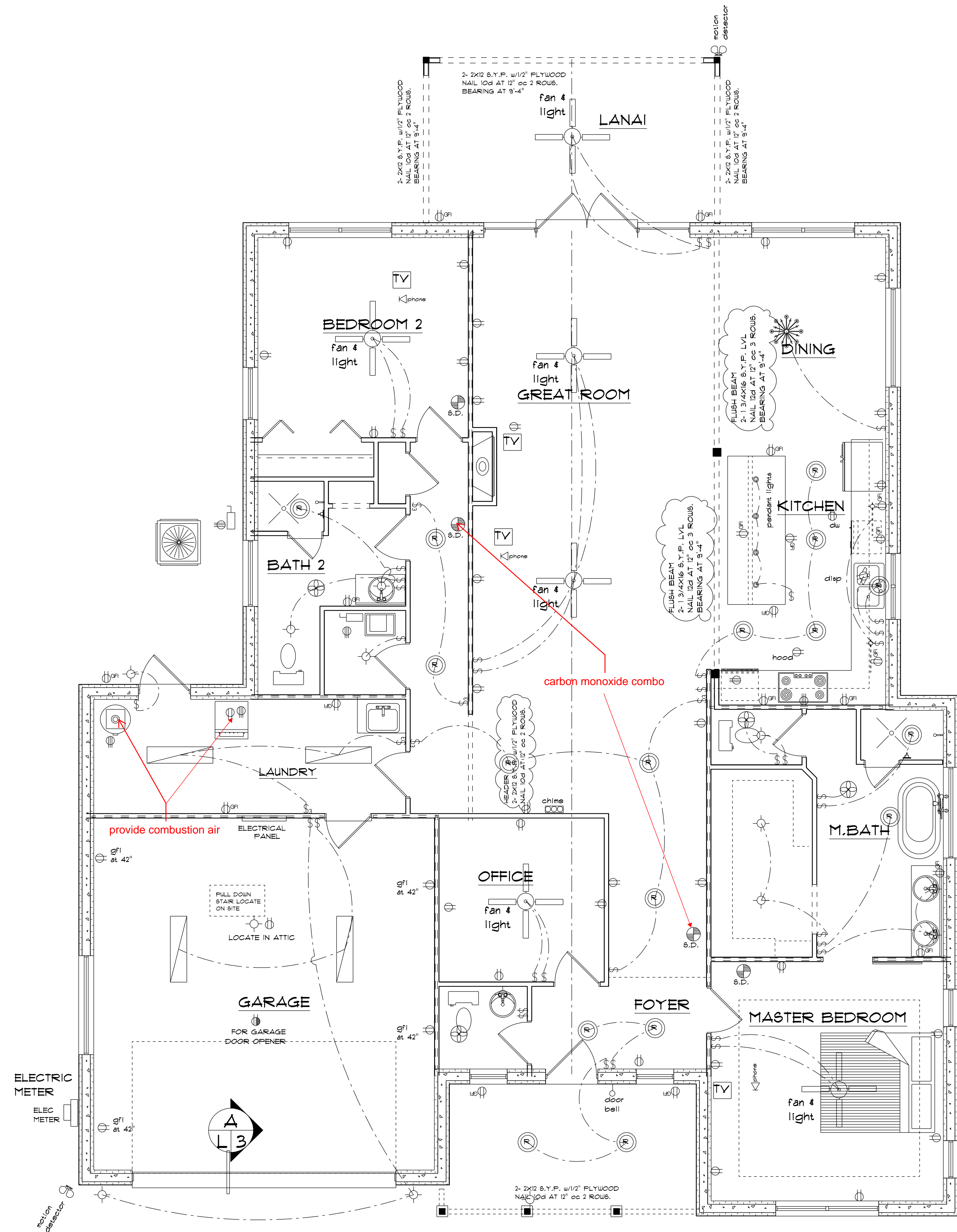
Digitally signed by Michael Robinson
Date: 2022.10.10
11:29:18 -04'00' P.L. P.E. No 28317

18A EA 2022 FLORIDA BUILDING CODES
UNDESIGNED - 10/10/2022
RISK CATEGORY II EXPOSURE B
INTERNAL PRESSURE COEF. V-18
2022 FLORIDA BUILDING CODE RESIDENTIAL COMPONENT AND CLADDING
+30 ; -35 p.s.f.
NATIONAL ELECTRICAL CODE 2017
STRUCTURAL ENGINEERING INC.
MICHAEL A. ROBINSON P.E.
391 Shadow Drive Suite 101, Lakeland, Florida

| | |
|--------------|------------|
| DRAWN: btd | REVISIONS: |
| PROJECT | PROJECT |
| SHEET NUMBER | PROJECT |



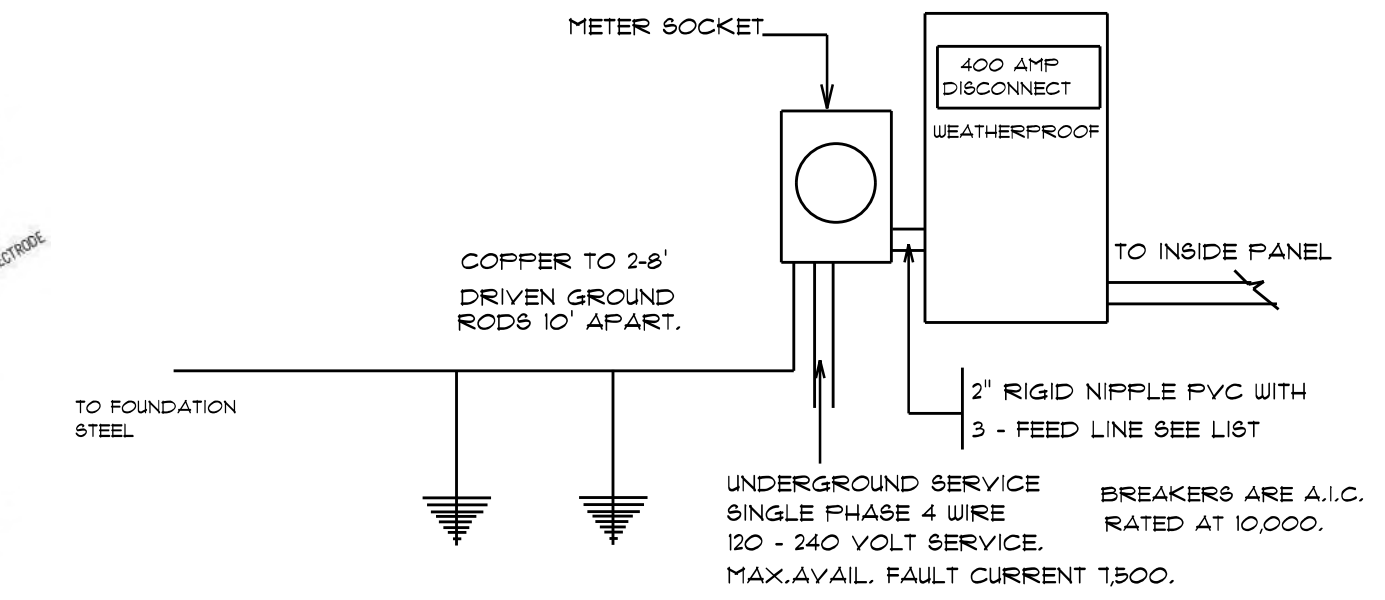
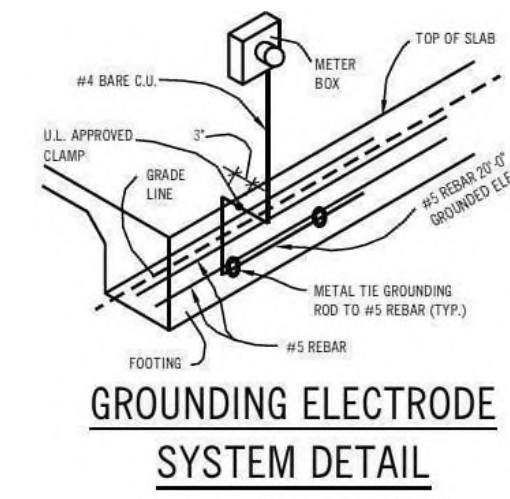
Reviewed For Residential Requirements Of
FBC 107.3.5, Any Errors Or Omissions In
The Plans Shall Be Corrected, FBC 105.4.1.



| ELECTRICAL LEGEND | |
|-------------------------|--------|
| ELECTRICAL | SYMBOL |
| motion detector | |
| ATTIC ELEC | |
| ELEC. PANEL | |
| FAN CEILING | |
| GAR OPENER | |
| LIGHT RECESS 2 | |
| Light | |
| SMOKE DECT. | |
| TV | |
| door bell | |
| outlet | |
| outlet 220v | |
| outlet gfi | |
| outlet gfi 42 aff | |
| switch | |
| light | |
| bath fan | |
| phone | |
| under cabinet strip | |
| pendant globe | |
| disconnect | |
| ceiling classic | |
| fluorescent light 1 x 4 | |
| meter | |
| switch 3 way | |
| disposal | |
| door chime | |

AREAS

| | |
|-------------------------|-----------------|
| LIVING | 2,189 sf |
| ENTRY | 118 sf |
| GARAGE | 486 sf |
| LANAI | 180 sf |
| TOTAL UNDER ROOF | 2,973 sf |



| LIVING AREA | SERVICE CAPACITY | FEED LINE GAUGE |
|---------------|------------------|-----------------|
| MIN - 1500 sf | 100 AMP | 3 AWG CU THHN |
| 1500-1800 sf | 150 AMP | 1 AWG CU THHN |
| 1800-2500 sf | 200 AMP | 2/0 AWG CU THHN |
| 2500-3000 sf | 225 AMP | 3/0 AWG CU THHN |
| 3000-4500 sf | 300 AMP | 3 AWG CU THHN |
| 4500-6000 sf | 400 AMP | 500 AWG CU THHN |

ELECTRICAL NOTES:

DIMMER SWITCHES AND FAN CONTROLS TO BE DETERMINED BY OWNER AND CONTRACTOR.
 SECURITY SYSTEM AND CONTROL OF FLOOD LIGHTING TO BE DETERMINED BY OWNER AND CONTRACTOR.
 PROVIDE LANDSCAPE LIGHTING ALLOWANCE

NOTE:
 SMOKE DETECTORS SHALL BE COMBINATION CO2 & SMOKE UNITS

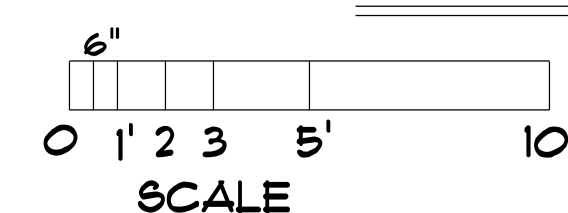
2017 N.E.C.

PROVIDE "A.F.C.I." BREAKERS ON BEDROOM OUTLET CIRCUITS.
 PROVIDE TAMPERPROOF OUTLETS.

NOTE:
 SMOKE DETECTORS SHALL BE COMBINATION CO2 & SMOKE UNITS

The Electrical Plan Is Not Part Of This Review. All Electric Shall Be In Accordance With NEC 2017.

ELECTRICAL PLAN



FAIRBROTHER



Reviewed For Residential Requirements Of
 FBC 107.3.5, Any Errors Or Omissions In
 The Plans Shall Be Corrected, FBC 105.4.1.

btd
 Bill Tucker Designs

RESIDENTIAL HOME / ADDITIONS
 LIBERTY COUNTY THAT I HAVE REVIEWED THE ATTACHED DESIGN AND FOUND IT TO BE IN COMPLIANCE WITH THE EDITION 2010 FLORIDA BUILDING CODE / RESIDENTIAL. MICHAEL A. ROBINSON P.E., Lakeland, Florida

Digitally signed by Michael Robinson
 Date: 2022.10.10 11:29:38 -04'00'

FAIRBROTHER RESIDENCE
 CROTON WAY
 HOWEY IN THE HILLS, FL

HCORNERS
 PROPERTY SOLUTIONS

DRAWN: btd
 PROJECT: [blank]
 SHEET NUMBER: [blank]

REVISIONS: [blank]
 Monday, October 10, 2022

FL P.E. No 2831T