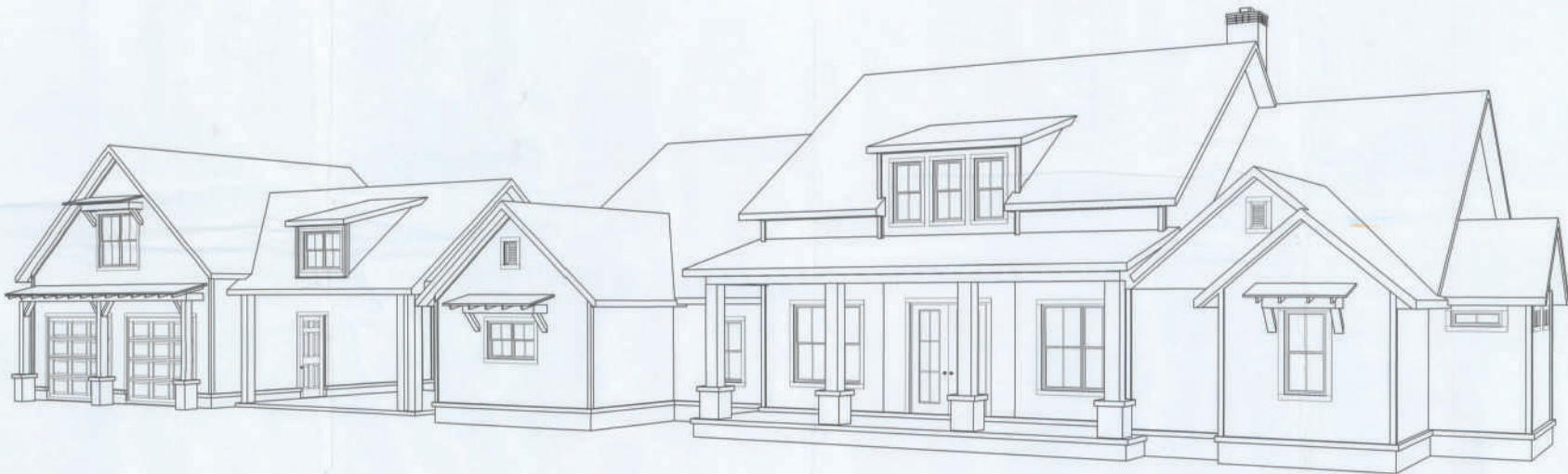


A CUSTOM HOME FOR:

# MIKE & ANGELA WOOD

PROJECT ADDRESS:  
NW OLD MILL DR.  
LAKE CITY, FLORIDA 32055



## SHEET INDEX

- A1 FRONT & REAR ELEVATIONS
- A2 LEFT & RIGHT ELEVATIONS
- A3 DIMENSIONED FLOOR PLANS
- A4 ELECTRICAL PLANS
- S1 FOUNDATION PLAN DETAILS & NOTES
- S2 ROOF PLAN DETAILS & NOTES
- S3 WINDOW INFO, NOTES & DETAILS
- S4 FRAMING DETAILS & NOTES

## AREA SUMMARY

|                    |       |      |
|--------------------|-------|------|
| LIVING AREA        | 4,061 | S.F. |
| ENTRY PORCH AREA   | 255   | S.F. |
| COVERED PORCH AREA | 1,407 | S.F. |
| CARPORT AREA       | 569   | S.F. |
| GARAGE AREA        | 784   | S.F. |
| BONUS ROOM AREA    | 534   | S.F. |
| TOTAL AREA         | 7,700 | S.F. |

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

|               |
|---------------|
| REVISIONS     |
| June 05, 2019 |

SOFTWARE

COVER PAGE

A CUSTOM RESIDENCE FOR:  
**MIKE & ANGELA WOOD**  
PROJECT ADDRESS: NW OLD MILL DR., LAKE CITY, FLORIDA 32055



SCANNED

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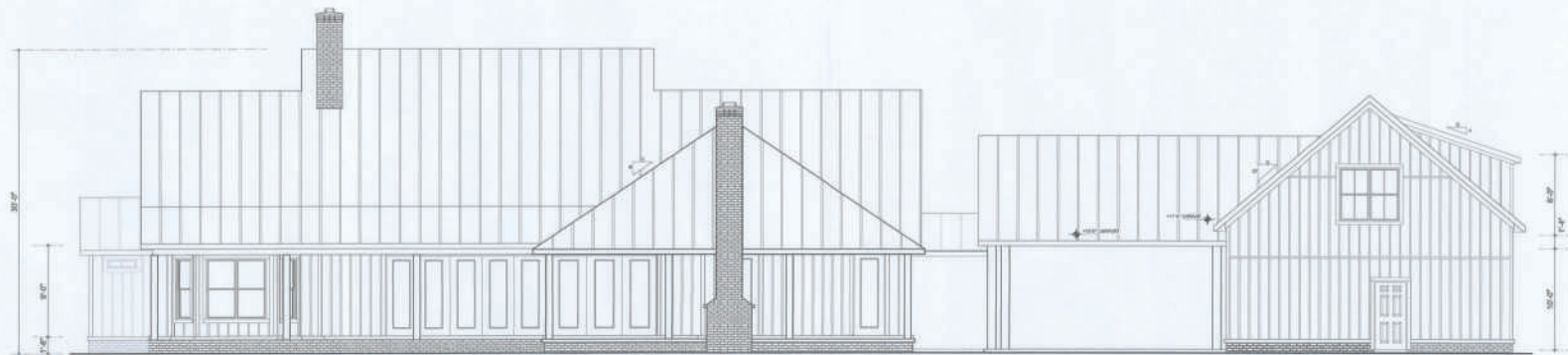


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20190601

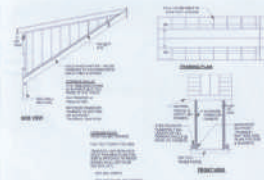
SHEET NUMBER  
COVER

W.C. 9/11/19

38817



REAR ELEVATION  
SCALE: 3/8" = 1'-0"



DORMER FRAMING DETAIL  
SCALE: 1/2" = 1'-0"



FRONT ELEVATION  
SCALE: 3/8" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

| REVISIONS | DATE          | BY | APP |
|-----------|---------------|----|-----|
| 1         | JUNE 08, 2019 |    |     |

SOFTPLAN

FRONT & REAR ELEVATIONS  
SCALE: 3/8" = 1'-0"

SHED DORMER DETAIL  
SCALE: 1/2" = 1'-0"

A CUSTOM RESIDENCE FOR  
**MIKE & ANGELA WOOD**  
PROJECT ADDRESS: 1401 OLD MILL LN, LAKE CITY, FLORIDA 33801

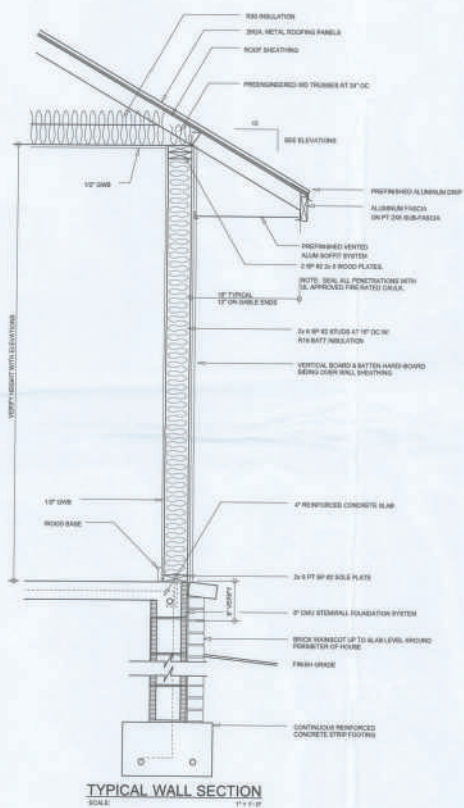
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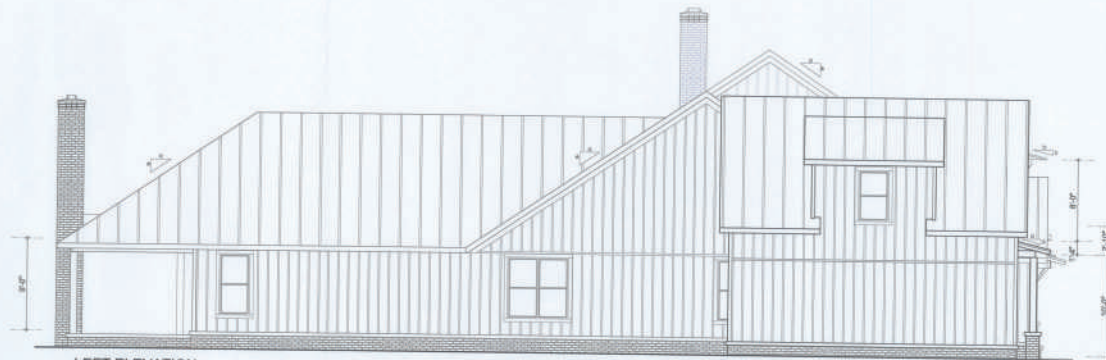
JOB NUMBER  
20190601

SHEET NUMBER  
A.1

W. C. G. M.



TYPICAL WALL SECTION  
SCALE: 1/4\"/>



LEFT ELEVATION  
SCALE: 3/8\"/>



RIGHT ELEVATION  
SCALE: 3/8\"/>

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

| REVISIONS | DATE         | BY   |
|-----------|--------------|------|
| 1         | JAN 15, 2019 | W.C. |

SOUTHMAN

LEFT & RIGHT ELEVATIONS  
SCALE: 3/8\"/>

A CUSTOM RESIDENCE FOR  
**MIKE & ANGELA WOOD**  
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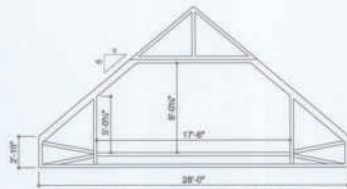


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20190601

SHEET NUMBER

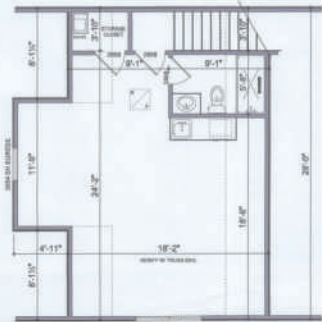
A.2

W.C.



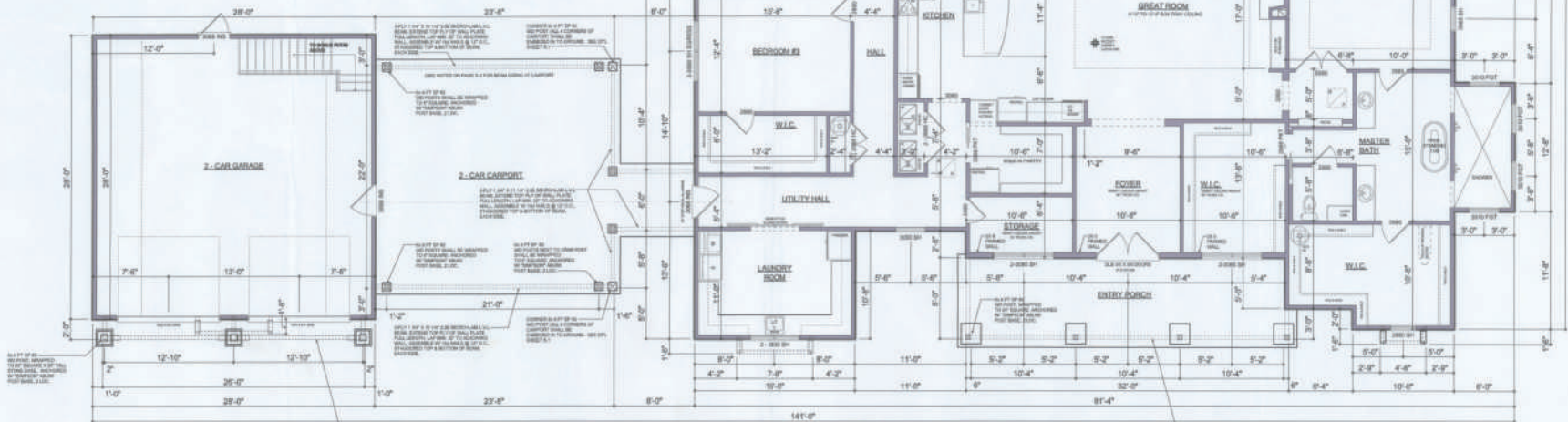
**PROPOSED 'ATTIC STYLE' TRUSS**

SCALE: 3/16" = 1'-0"  
(FINAL DESIGN TO BE VERIFIED WITH TRUSS ENGINEER)



**GARAGE BONUS ROOM PLAN**

SCALE: 3/16" = 1'-0"



**DIMENSIONED FLOOR PLAN**

SCALE: 3/16" = 1'-0"

NOTE: ALL DIMENSIONS SHALL BE 4" UNLESS OTHERWISE NOTED.

**AREA SUMMARY**

|                    |                   |
|--------------------|-------------------|
| LIVING AREA        | 4,061 S.F.        |
| ENTRY PORCH AREA   | 255 S.F.          |
| COVERED PORCH AREA | 1,497 S.F.        |
| CARPORT AREA       | 569 S.F.          |
| GARAGE AREA        | 784 S.F.          |
| BONUS ROOM AREA    | 534 S.F.          |
| <b>TOTAL AREA</b>  | <b>7,700 S.F.</b> |

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS  
June 05, 2019

SOFTPLAN

**DIMENSIONED FLOOR PLANS**  
SCALE: 3/16" = 1'-0"  
**GARAGE BONUS RM. SECTION**  
SCALE: 3/16" = 1'-0"

A CUSTOM RESIDENCE FOR  
**MIKE & ANGELA WOOD**  
PROJECT ADDRESS: NW OLD MILL DR., LAKE CITY, FLORIDA 33508

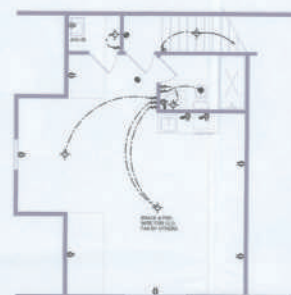
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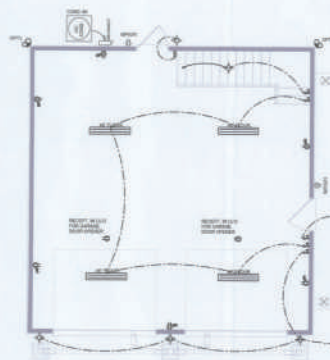
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20190601

SHEET NUMBER  
**A.3**

*W.M. Design*



**GARAGE BONUS ELECTRICAL**  
SCALE: 3/8" = 1'-0"



**MAIN FLOOR ELECTRICAL**  
SCALE: 3/8" = 1'-0"

| ELECTRICAL LEGEND |                              |
|-------------------|------------------------------|
| (Symbol)          | 200 AMP MAIN PANEL (400 AMP) |
| (Symbol)          | 120V 15 AMP GFI              |
| (Symbol)          | 120V 20 AMP GFI              |
| (Symbol)          | 120V 30 AMP GFI              |
| (Symbol)          | 120V 40 AMP GFI              |
| (Symbol)          | 120V 50 AMP GFI              |
| (Symbol)          | 120V 60 AMP GFI              |
| (Symbol)          | 120V 70 AMP GFI              |
| (Symbol)          | 120V 80 AMP GFI              |
| (Symbol)          | 120V 90 AMP GFI              |
| (Symbol)          | 120V 100 AMP GFI             |
| (Symbol)          | 120V 110 AMP GFI             |
| (Symbol)          | 120V 120 AMP GFI             |
| (Symbol)          | 120V 130 AMP GFI             |
| (Symbol)          | 120V 140 AMP GFI             |
| (Symbol)          | 120V 150 AMP GFI             |
| (Symbol)          | 120V 160 AMP GFI             |
| (Symbol)          | 120V 170 AMP GFI             |
| (Symbol)          | 120V 180 AMP GFI             |
| (Symbol)          | 120V 190 AMP GFI             |
| (Symbol)          | 120V 200 AMP GFI             |

NOTES:  
1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE FLORIDA ELECTRICAL CODE (FEC).  
2. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE FLORIDA ELECTRICAL CODE (FEC).  
3. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE FLORIDA ELECTRICAL CODE (FEC).  
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10. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE FLORIDA ELECTRICAL CODE (FEC).

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

*W. C. M.*

| REVISIONS         |
|-------------------|
| 1. JUNE 20, 2018  |
| 2. JUNE 20, 2018  |
| 3. JUNE 20, 2018  |
| 4. JUNE 20, 2018  |
| 5. JUNE 20, 2018  |
| 6. JUNE 20, 2018  |
| 7. JUNE 20, 2018  |
| 8. JUNE 20, 2018  |
| 9. JUNE 20, 2018  |
| 10. JUNE 20, 2018 |

**ELECTRICAL PLANS**  
SCALE: 3/8" = 1'-0"

A CUSTOM RESIDENCE FOR  
**MIKE & ANGELA WOOD**  
PROJECT ADDRESS: NW OLD MILL LN, LAKE CITY, FLORIDA 32808

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JOB NUMBER  
20190601

SHEET NUMBER  
**A.4**

# **CONCRETE / MASONRY / METALS GENERAL NOTES:**

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING UD SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 95% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615 - MIN. YIELD STRESS = 60 KSI.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A186 - MIN. YIELD STRESS = 60 KSI.
- CONCRETE SHALL BE STANDARD MIX P.C. = 3000 PSI FOR ALL FLOORS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX P.C. = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER A.C.I. STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - P.W. = 1500 PSI.
- WORKMAN SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A58 STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2x4 FT WOOD SILL, CONT. ALL AROUND W/10" x 8" x 1/2" SILL PLATE (MINIMUM 8" FROM EACH CORNER, EA. WAY) & WITHIN 8" FROM ALL WALL CORNERS. ENDS - 10" x 8" x 1/2" SILL PLATE (MINIMUM 8" FROM EACH CORNER, EA. WAY) - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

**INTERIOR BEARING WALLS:**  
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND ALL INTERIOR BEARING WALL LOCATIONS AND FINISHES THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO IS THINERED TRUSS CAN BE USED AND LOCATED ON THE FOUNDATION PLAN.

**NOTE:**  
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING WALL LOCATIONS WITH THE TRUSS ENGINEER. SHOP DRAWINGS WITH THE FOUNDATION PLAN, ANY INTERIOR BEARING WALLS OR ANY PORT LOANS OF 4-8" OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN TAKING THESE LOADS INTO CONSIDERATION. THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF REVISIONING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

**NOTE:**  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2017 PER RSD 2.1.1 AND LOCAL JURISDICTION REQUIREMENTS.

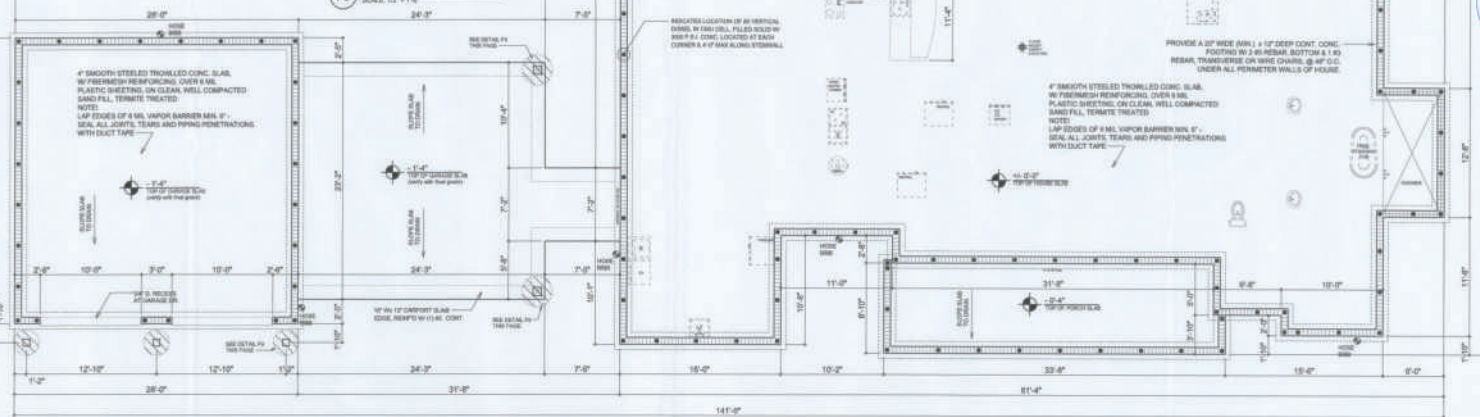
**NOTE:**  
ADDED FILL SHALL BE APPLIED IN 6" LIFTS - EA. LIFT SHALL BE COMPACTED TO 95% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

**NOTE:**  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RIVER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

**NOTE:**  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, SENSE, EQUIPMENT SCA & BALANCING REPORT - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



**EMBEDDED POST DETAIL**  
SCALE: 1/2" = 1'-0"



**FOUNDATION PLAN**  
SCALE: 3/4" = 1'-0"

**NOTE:** ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS

June 05, 2019

**FOUNDATION PLAN**

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

A CUSTOM HOME FOR:

**MIKE & ANGELA WOOD**

PROJECT ADDRESS: 10000 S. 100TH AVE., LANE CITY, TEXAS 75088

**N3**

**NICHOLAS BEISLER ARCHITECT**

10000 S. 100TH AVE., LANE CITY, TEXAS 75088

PHONE: (972) 344-1111

EMAIL: info@n3architect.com

JOB NUMBER

20190601

SHEET NUMBER

**S.1**

OF 4 SHEETS

## ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF RITCH  
R-2 ALL OVERHANGS 8" UNLESS OTHERWISE NOTED  
R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD-3  
R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND RISE HEIGHTS  
R-5 ROOF ALL VENTS AND OTHER ROOF PENETRATIONS TO BEAR

NOTE: BEATH ROOF 1/2" COX PLYWOOD PLACED 1/2" LONG EXTENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO FRAMING W/ 8# NAILS - AS PER DETAIL ON SHEET SD-4

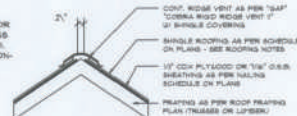
NOTE: THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER SD1 PER K00(L)1 AND LOCAL JURISDICTION REQUIREMENTS

NOTE: ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING UNITS, PLUMBING, OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES NOTED ABOVE.

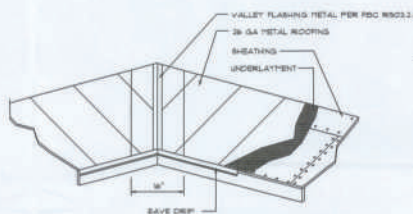
## WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SO ENGAGED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE TRUSS PLATE INSTITUTE.
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAID ENGINEER. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE TRUSS PLATE INSTITUTE.
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN 2x4 INCHES OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS, AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

| AREA OF ATTIC | ROOF L.F. OF VENT | NET FREE AREA OF INTAKE |
|---------------|-------------------|-------------------------|
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |
| 800 SF        | 32 LF             | 400 SQ IN.              |



Ridge Vent DETAIL  
SCALE: 3/4" = 1'-0"



Valley Flashing  
Roofing/Flashing DETS.  
SCALE: NONE

| MATERIAL         | MINIMUM THICKNESS (IN) | GAGE                 | WEIGHT (LB/100) |
|------------------|------------------------|----------------------|-----------------|
| COPPER           |                        |                      | 16              |
| ALUMINUM         | 0.034                  |                      |                 |
| STAINLESS STEEL  |                        | 36                   |                 |
| GALVANIZED STEEL | 0.015                  | 26 (ZINC COATED 55%) |                 |
| ZINC ALLOY       | 0.021                  |                      | 40              |
| PAINTED TERN     |                        |                      | 30              |

## GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FOREST PRODUCTS ASSOCIATION MANUAL FOR STRESS RATED LUMBER AND ITS CONNECTIONS. LATEST ED. ALONG W/ THE TRUSS PLATE INSTITUTE'S SUGGESTED SCHEDULES FOR TEMPORARY AND PERMANENT BRACING AND HANGING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS BRACING, PLACEMENT PLANS, DETS & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- ROLLING DEVELOPMENT OF TRUSS SHOP DRAWING ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND UP-LIFT REQUIREMENTS OF TRUSSES OR ANCHORS. THE CONTRACTOR SHALL HAVE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGES SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

NOTE: ANCHOR GROUND TRUSSES TO HEADERS WITH 2 "BIRCH" LOTS 3 OR ALL ANCHOR HEADERS TO KING STUDS W/ 2 "BIRCH" LOTS 3A, END - TYP. T.O.

NOTE: REFER TO THE UNDOOR/DOOR HEADERS SCHEDULE ON SHEET S-4 FOR ALL TRUSS SIZE HEADERS AND ALTERNATE TRUSS SIZE ALLOWABLE IN 2-DIGIT.

## Roof Framing PLAN

SCALE: 3/16" = 1'-0"

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

SHOP DGS COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWINGS LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPATIBLE UPLIFT CONNECTIONS AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER. TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTIGUOUS TO THE FOUNDATION.

## PROJECT COORDINATION REQUIREMENTS

NOTICE: THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES IN COLUMBIA COUNTY, FL. AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES, RULES AND REGULATIONS, ENGINEER, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES. YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES, CITY, COUNTY, STATE AND FEDERAL. IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/LOCAL PORTION OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED LICENSED PROFESSIONAL ENGINEER.

REVISIONS  
June 05, 2019  
SOFTPLAN

ROOF PLAN  
SCALE: 3/16" = 1'-0"

A CUSTOM HOME FOR  
**MIKE & ANGELA WOOD**  
PROJECT ADDRESS: NW 6800 MILL LN, LAKE CITY, FLORIDA 32065

**NICHOLAS PAUL GENIE ARCHITECT**  
1100 NW 11th Avenue, Suite 200  
LAKE CITY, FL 32065  
(407) 983-4329

JOB NUMBER  
20190601

SHEET NUMBER  
S.2  
OF 4 SHEETS

# FLORIDA BUILDING CODE

## Compliance Summary

### TYPE OF CONSTRUCTION

Roof: Gable & Hip Construction, Wood Trusses @ 24" O.C.  
Walls: 2 x 4 Wood Studs @ 16" O.C.  
Floor: 4" T&G Concrete Slab w/ 4" rebar @ 24" O.C. in each direction  
Foundation: Continuous monolithic footing w/ Stem Wall foundation system

### ROOF DECKING

Material: 1/2" CDX Plywood or O.S.B.  
Shear: 4" x 4" Studs Perpendicular to Roof Framing  
Fasteners: 8d Common or Ring-shank nails per schedule on sheet 5.4

### SHEARWALLS

Material: 1/2" CDX Plywood or 1/4" G.S.B.  
Shear: 4" x 4" Studs Parallel Vertical, stagger each sheet.  
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior  
Drainage: Double Top Plate (2x4) w/ 1/2" rebar @ 24" O.C. inside  
Wind: 3x4 Wood Studs @ 16" O.C.

### HURRICANE LIFT CONNECTIONS

Truss Anchors: SIMPSON H2.5A (OR EQUIVALENT), W/ 6 - 10d NAILS  
Wall Ties: Weld Sheathing Nailing to Adequate - 1d @ 4" O.C. Top & Bot.  
Anchor Bolts: 1/2" A307 Bolts @ 4" O.C. - 1st Row 6" from corner  
Corner Hold-Down Devices: (1) D1772 (or equiv.) @ each corner  
Porch Columns Base Connectors: Simpson ACH305/ACH306 @ each column  
Porch Columns to Beam Connectors: Simpson EP060/EP061 @ each column

### FOOTINGS AND FOUNDATIONS

Footing: 30" x 12" Cont. W/ (2) #5 Bars Cast on wire chairs or (1) #5 Rebar @ 24" O.C.  
Termite: 4" C.M.U. w/ 4d Vertical Dowels @ 48" O.C.

## STRUCTURAL DESIGN CRITERIA:

- THE DESIGN CONFORMS WITH THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE - FBC 2017.11 AND OTHER REFERENCED CODES, AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
- UNFD LOAD CRITERIA: MINIMAL CATEGORY: 2, EXPOSURE: "C"  
BASED ON AMBIENT 3-MIN. 3017 FBC 500-5.4 AND WIND VELOCITY  $V_{50} = 105$  MPH
- ROOF DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: 20 PSF  
SUPERIMPOSED LIVE LOADS: 20 PSF
- FLOOR DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: 25 PSF  
SUPERIMPOSED LIVE LOADS:  
RESIDENTIAL: 40 PSF  
BALCONIES: 60 PSF
- UNFD NET UPLIFT: ARE AS INDICATED ON PLANS

## TERMITE PROTECTION NOTES:

### SOIL CHEMICAL BARRIER METHOD

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINJECTION AND TREATMENT CONTRACT RENEWAL, SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRICAL PANEL. FBC 1915.4.4
- CONCRETE AND ROOF DOWNPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1915.4.4
- IRRIGATION/SPIRILLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1915.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 1'-0" EXCEPT FOR PAINT AND DECORATIVE CEMENTITIOUS FINISH LESS THAN 1/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1915.4.8
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1915.4.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPICES BOXES OR FORMED. FBC 1915.4.1
- BORED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAP, ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL MINIMIZE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1915.4.3
- MINIMUM 3/8" VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RADIANT HEAT LOSS. IF RADIANT OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1915.4.4
- CONCRETE OVERLAP AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE RETREATED BETWEEN EXTERIOR SOIL TREATMENT. FBC 1915.4.3
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1915.4.3
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1915.4.4
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1915.4.7
- A CERTIFICATE OF COMPLIANCE MUST BE SUBMITTED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1915.4.7
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 6" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2017.1.3
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2017.1.4

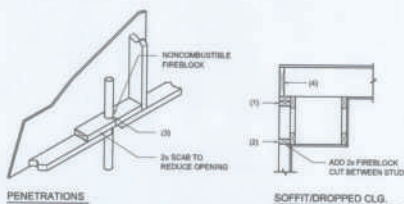
## FRAMING ANCHOR SCHEDULE

| APPLICATION                 | MANUFACTURER                                    | CAP.      |
|-----------------------------|-------------------------------------------------|-----------|
| TRUSS TO WALL:              | SIMPSON H2.5A (OR EQUIVALENT), W/ 6 - 10d NAILS | 31500     |
| GIRDER TRUSS TO POSTHEADER: | SIMPSON LOT, W/ 26 - 10d NAILS                  | 17929     |
| HEADER TO KING STUDS:       | SIMPSON STZ                                     | 13759     |
| PLATE TO STUD:              | SIMPSON SP2                                     | 10939     |
| STUD TO BULL:               | SIMPSON SP1                                     | 9859      |
| PORCH BEAM TO POST:         | SIMPSON PCH4/PC44                               | 17159     |
| PORCH POST TO FND:          | SIMPSON ASB44                                   | 22009     |
| MISC. JOINTS                | SIMPSON AS4                                     | 31500/404 |

NOTE: ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.  
NOTE: REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/JOINT REINFORCEMENT AND FASTENERS.

NOTE: ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON AS4 FRAMING ANCHORS, TYPICAL, T.O.

NOTE: "SIMPSON" PRODUCT APPROVAL: MANHATTAN COUNTY REPORT #88-0818.15  
NOTE: "SIMPSON" PRODUCT APPROVAL: MANHATTAN COUNTY REPORT #87-0107.05, #89-1125.11, #91-0823.04  
SICC# 100-443, NER-30



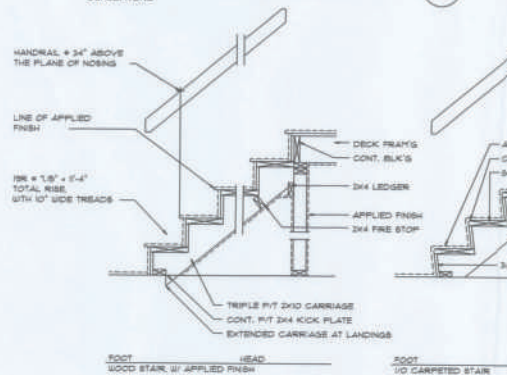
## PENETRATIONS

### FIREBLOCKING NOTES:

- FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING PURVED SPACES AT CEILING AND FLOOR LEVELS.
  - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVE OR INSL. ETC.
  - AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND PRELACES AT CEILING AND FLOOR LEVELS WITH "HYPERGLASS" MATERIALS ONLY.
  - AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

## Fire Stopping DETAILS

SCALE: NONE



## Typical Stair Detail

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

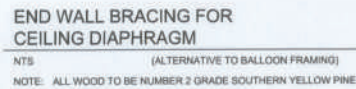
NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

## BUILDING COMPONENTS & CLADDING LOADS

| WIND SPEED (MPH) | MEAN BUILDING HEIGHT > 30'-0", EXPOSURE "B" |             |             |             |
|------------------|---------------------------------------------|-------------|-------------|-------------|
|                  | 15 MPH                                      | 30 MPH      | 45 MPH      | 60 MPH      |
| 10               | 19.5 / -2.9                                 | 23.7 / -3.9 | 27.9 / -5.4 | 32.1 / -8.3 |
| 20               | 19.4 / -2.7                                 | 23.6 / -3.8 | 27.8 / -5.3 | 32.0 / -8.2 |
| 30               | 19.3 / -2.6                                 | 23.5 / -3.7 | 27.7 / -5.2 | 31.9 / -8.1 |
| 40               | 19.2 / -2.5                                 | 23.4 / -3.6 | 27.6 / -5.1 | 31.8 / -8.0 |
| 50               | 19.1 / -2.4                                 | 23.3 / -3.5 | 27.5 / -5.0 | 31.7 / -7.9 |
| 60               | 19.0 / -2.3                                 | 23.2 / -3.4 | 27.4 / -4.9 | 31.6 / -7.8 |
| 70               | 18.9 / -2.2                                 | 23.1 / -3.3 | 27.3 / -4.8 | 31.5 / -7.7 |
| 80               | 18.8 / -2.1                                 | 23.0 / -3.2 | 27.2 / -4.7 | 31.4 / -7.6 |
| 90               | 18.7 / -2.0                                 | 22.9 / -3.1 | 27.1 / -4.6 | 31.3 / -7.5 |
| 100              | 18.6 / -1.9                                 | 22.8 / -3.0 | 27.0 / -4.5 | 31.2 / -7.4 |
| 110              | 18.5 / -1.8                                 | 22.7 / -2.9 | 26.9 / -4.4 | 31.1 / -7.3 |
| 120              | 18.4 / -1.7                                 | 22.6 / -2.8 | 26.8 / -4.3 | 31.0 / -7.2 |
| 130              | 18.3 / -1.6                                 | 22.5 / -2.7 | 26.7 / -4.2 | 30.9 / -7.1 |
| 140              | 18.2 / -1.5                                 | 22.4 / -2.6 | 26.6 / -4.1 | 30.8 / -7.0 |
| 150              | 18.1 / -1.4                                 | 22.3 / -2.5 | 26.5 / -4.0 | 30.7 / -6.9 |
| 160              | 18.0 / -1.3                                 | 22.2 / -2.4 | 26.4 / -3.9 | 30.6 / -6.8 |
| 170              | 17.9 / -1.2                                 | 22.1 / -2.3 | 26.3 / -3.8 | 30.5 / -6.7 |
| 180              | 17.8 / -1.1                                 | 22.0 / -2.2 | 26.2 / -3.7 | 30.4 / -6.6 |
| 190              | 17.7 / -1.0                                 | 21.9 / -2.1 | 26.1 / -3.6 | 30.3 / -6.5 |
| 200              | 17.6 / -0.9                                 | 21.8 / -2.0 | 26.0 / -3.5 | 30.2 / -6.4 |
| 210              | 17.5 / -0.8                                 | 21.7 / -1.9 | 25.9 / -3.4 | 30.1 / -6.3 |
| 220              | 17.4 / -0.7                                 | 21.6 / -1.8 | 25.8 / -3.3 | 30.0 / -6.2 |
| 230              | 17.3 / -0.6                                 | 21.5 / -1.7 | 25.7 / -3.2 | 29.9 / -6.1 |
| 240              | 17.2 / -0.5                                 | 21.4 / -1.6 | 25.6 / -3.1 | 29.8 / -6.0 |
| 250              | 17.1 / -0.4                                 | 21.3 / -1.5 | 25.5 / -3.0 | 29.7 / -5.9 |
| 260              | 17.0 / -0.3                                 | 21.2 / -1.4 | 25.4 / -2.9 | 29.6 / -5.8 |
| 270              | 16.9 / -0.2                                 | 21.1 / -1.3 | 25.3 / -2.8 | 29.5 / -5.7 |
| 280              | 16.8 / -0.1                                 | 21.0 / -1.2 | 25.2 / -2.7 | 29.4 / -5.6 |
| 290              | 16.7 / -0.0                                 | 20.9 / -1.1 | 25.1 / -2.6 | 29.3 / -5.5 |
| 300              | 16.6 / -0.0                                 | 20.8 / -1.0 | 25.0 / -2.5 | 29.2 / -5.4 |
| 310              | 16.5 / -0.0                                 | 20.7 / -0.9 | 24.9 / -2.4 | 29.1 / -5.3 |
| 320              | 16.4 / -0.0                                 | 20.6 / -0.8 | 24.8 / -2.3 | 29.0 / -5.2 |
| 330              | 16.3 / -0.0                                 | 20.5 / -0.7 | 24.7 / -2.2 | 28.9 / -5.1 |
| 340              | 16.2 / -0.0                                 | 20.4 / -0.6 | 24.6 / -2.1 | 28.8 / -5.0 |
| 350              | 16.1 / -0.0                                 | 20.3 / -0.5 | 24.5 / -2.0 | 28.7 / -4.9 |
| 360              | 16.0 / -0.0                                 | 20.2 / -0.4 | 24.4 / -1.9 | 28.6 / -4.8 |
| 370              | 15.9 / -0.0                                 | 20.1 / -0.3 | 24.3 / -1.8 | 28.5 / -4.7 |
| 380              | 15.8 / -0.0                                 | 20.0 / -0.2 | 24.2 / -1.7 | 28.4 / -4.6 |
| 390              | 15.7 / -0.0                                 | 19.9 / -0.1 | 24.1 / -1.6 | 28.3 / -4.5 |
| 400              | 15.6 / -0.0                                 | 19.8 / -0.0 | 24.0 / -1.5 | 28.2 / -4.4 |
| 410              | 15.5 / -0.0                                 | 19.7 / -0.0 | 23.9 / -1.4 | 28.1 / -4.3 |
| 420              | 15.4 / -0.0                                 | 19.6 / -0.0 | 23.8 / -1.3 | 28.0 / -4.2 |
| 430              | 15.3 / -0.0                                 | 19.5 / -0.0 | 23.7 / -1.2 | 27.9 / -4.1 |
| 440              | 15.2 / -0.0                                 | 19.4 / -0.0 | 23.6 / -1.1 | 27.8 / -4.0 |
| 450              | 15.1 / -0.0                                 | 19.3 / -0.0 | 23.5 / -1.0 | 27.7 / -3.9 |
| 460              | 15.0 / -0.0                                 | 19.2 / -0.0 | 23.4 / -0.9 | 27.6 / -3.8 |
| 470              | 14.9 / -0.0                                 | 19.1 / -0.0 | 23.3 / -0.8 | 27.5 / -3.7 |
| 480              | 14.8 / -0.0                                 | 19.0 / -0.0 | 23.2 / -0.7 | 27.4 / -3.6 |
| 490              | 14.7 / -0.0                                 | 18.9 / -0.0 | 23.1 / -0.6 | 27.3 / -3.5 |
| 500              | 14.6 / -0.0                                 | 18.8 / -0.0 | 23.0 / -0.5 | 27.2 / -3.4 |
| 510              | 14.5 / -0.0                                 | 18.7 / -0.0 | 22.9 / -0.4 | 27.1 / -3.3 |
| 520              | 14.4 / -0.0                                 | 18.6 / -0.0 | 22.8 / -0.3 | 27.0 / -3.2 |
| 530              | 14.3 / -0.0                                 | 18.5 / -0.0 | 22.7 / -0.2 | 26.9 / -3.1 |
| 540              | 14.2 / -0.0                                 | 18.4 / -0.0 | 22.6 / -0.1 | 26.8 / -3.0 |
| 550              | 14.1 / -0.0                                 | 18.3 / -0.0 | 22.5 / -0.0 | 26.7 / -2.9 |
| 560              | 14.0 / -0.0                                 | 18.2 / -0.0 | 22.4 / -0.0 | 26.6 / -2.8 |
| 570              | 13.9 / -0.0                                 | 18.1 / -0.0 | 22.3 / -0.0 | 26.5 / -2.7 |
| 580              | 13.8 / -0.0                                 | 18.0 / -0.0 | 22.2 / -0.0 | 26.4 / -2.6 |
| 590              | 13.7 / -0.0                                 | 17.9 / -0.0 | 22.1 / -0.0 | 26.3 / -2.5 |
| 600              | 13.6 / -0.0                                 | 17.8 / -0.0 | 22.0 / -0.0 | 26.2 / -2.4 |
| 610              | 13.5 / -0.0                                 | 17.7 / -0.0 | 21.9 / -0.0 | 26.1 / -2.3 |
| 620              | 13.4 / -0.0                                 | 17.6 / -0.0 | 21.8 / -0.0 | 26.0 / -2.2 |
| 630              | 13.3 / -0.0                                 | 17.5 / -0.0 | 21.7 / -0.0 | 25.9 / -2.1 |
| 640              | 13.2 / -0.0                                 | 17.4 / -0.0 | 21.6 / -0.0 | 25.8 / -2.0 |
| 650              | 13.1 / -0.0                                 | 17.3 / -0.0 | 21.5 / -0.0 | 25.7 / -1.9 |
| 660              | 13.0 / -0.0                                 | 17.2 / -0.0 | 21.4 / -0.0 | 25.6 / -1.8 |
| 670              | 12.9 / -0.0                                 | 17.1 / -0.0 | 21.3 / -0.0 | 25.5 / -1.7 |
| 680              | 12.8 / -0.0                                 | 17.0 / -0.0 | 21.2 / -0.0 | 25.4 / -1.6 |
| 690              | 12.7 / -0.0                                 | 16.9 / -0.0 | 21.1 / -0.0 | 25.3 / -1.5 |
| 700              | 12.6 / -0.0                                 | 16.8 / -0.0 | 21.0 / -0.0 | 25.2 / -1.4 |
| 710              | 12.5 / -0.0                                 | 16.7 / -0.0 | 20.9 / -0.0 | 25.1 / -1.3 |
| 720              | 12.4 / -0.0                                 | 16.6 / -0.0 | 20.8 / -0.0 | 25.0 / -1.2 |
| 730              | 12.3 / -0.0                                 | 16.5 / -0.0 | 20.7 / -0.0 | 24.9 / -1.1 |
| 740              | 12.2 / -0.0                                 | 16.4 / -0.0 | 20.6 / -0.0 | 24.8 / -1.0 |
| 750              | 12.1 / -0.0                                 | 16.3 / -0.0 | 20.5 / -0.0 | 24.7 / -0.9 |
| 760              | 12.0 / -0.0                                 | 16.2 / -0.0 | 20.4 / -0.0 | 24.6 / -0.8 |
| 770              | 11.9 / -0.0                                 | 16.1 / -0.0 | 20.3 / -0.0 | 24.5 / -0.7 |
| 780              | 11.8 / -0.0                                 | 16.0 / -0.0 | 20.2 / -0.0 | 24.4 / -0.6 |
| 790              | 11.7 / -0.0                                 | 15.9 / -0.0 | 20.1 / -0.0 | 24.3 / -0.5 |
| 800              | 11.6 / -0.0                                 | 15.8 / -0.0 | 20.0 / -0.0 | 24.2 / -0.4 |
| 810              | 11.5 / -0.0                                 | 15.7 / -0.0 | 19.9 / -0.0 | 24.1 / -0.3 |
| 820              | 11.4 / -0.0                                 | 15.6 / -0.0 | 19.8 / -0.0 | 24.0 / -0.2 |
| 830              | 11.3 / -0.0                                 | 15.5 / -0.0 | 19.7 / -0.0 | 23.9 / -0.1 |
| 840              | 11.2 / -0.0                                 | 15.4 / -0.0 | 19.6 / -0.0 | 23.8 / -0.0 |
| 850              | 11.1 / -0.0                                 | 15.3 / -0.0 | 19.5 / -0.0 | 23.7 / -0.0 |
| 860              | 11.0 / -0.0                                 | 15.2 / -0.0 | 19.4 / -0.0 | 23.6 / -0.0 |
| 870              | 10.9 / -0.0                                 | 15.1 / -0.0 | 19.3 / -0.0 | 23.5 / -0.0 |
| 880              | 10.8 / -0.0                                 | 15.0 / -0.0 | 19.2 / -0.0 | 23.4 / -0.0 |
| 890              | 10.7 / -0.0                                 | 14.9 / -0.0 | 19.1 / -0.0 | 23.3 / -0.0 |
| 900              | 10.6 / -0.0                                 | 14.8 / -0.0 | 19.0 / -0.0 | 23.2 / -0.0 |
| 910              | 10.5 / -0.0                                 | 14.7 / -0.0 | 18.9 / -0.0 | 23.1 / -0.0 |
| 920              | 10.4 / -0.0                                 | 14.6 / -0.0 | 18.8 / -0.0 | 23.0 / -0.0 |
| 930              | 10.3 / -0.0                                 | 14.5 / -0.0 | 18.7 / -0.0 | 22.9 / -0.0 |
| 940              | 10.2 / -0.0                                 | 14.4 / -0.0 | 18.6 / -0.0 | 22.8 / -0.0 |
| 950              | 10.1 / -0.0                                 | 14.3 / -0.0 | 18.5 / -0.0 | 22.7 / -0.0 |
| 960              | 10.0 / -0.0                                 | 14.2 / -0.0 | 18.4 / -0.0 | 22.6 / -0.0 |
| 970              | 9.9 / -0.0                                  | 14.1 / -0.0 | 18.3 / -0.0 | 22.5 / -0.0 |
| 980              | 9.8 / -0.0                                  | 14.0 / -0.0 | 18.2 / -0.0 | 22.4 / -0.0 |
| 990              | 9.7 / -0.0                                  | 13.9 / -0.0 | 18.1 / -0.0 | 22.3 / -0.0 |
| 1000             | 9.6 / -0.0                                  | 13.8 / -0.0 | 18.0 / -0.0 | 22.2 / -0.0 |

## HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

| WIND<br>SPEED | EXPOSURE<br>"B" | EXPOSURE<br>"C" | EXPOSURE<br>"D" |
|---------------|-----------------|-----------------|-----------------|
| 9             | 1.00            | 1.21            | 1.47            |
| 20            | 1.00            | 1.25            | 1.58            |
| 25            | 1.00            | 1.36            | 1.67            |
| 30            | 1.00            | 1.44            | 1.76            |

[illegible]

Garage End Wall DETAIL

| BLDG.<br>HEIGHT | EXPOSURE<br>'B' | EXPOSURE<br>'C' | EXPOSURE<br>'D' |
|-----------------|-----------------|-----------------|-----------------|
| 15              | 1.00            | 1.21            | 1.47            |
| 20              | 1.00            | 1.29            | 1.59            |
| 25              | 1.00            | 1.35            | 1.68            |
| 30              | 1.00            | 1.40            | 1.76            |



The diagrams illustrate various window and door header and sill plate details:

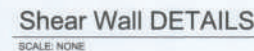
- WALL CORNER:** Shows a corner joint with 2X STUDS @ 16" O.C. and a 90° angle.
- WALL INTERSECTION:** Shows a wall intersection with 2X STUDS @ 16" O.C. and a 90° angle.
- NON-BEARING WALL HEADER:** Shows a header assembly with components: DBL. 2X, TOP PLATE; 3-2X, HEADER W/ BLOCKING; 2X, BOTTOM PLATE; and SUB-FLOOR. A note states: "NOTE: ALL WINDOW/DOOR OPENINGS EXCEEDING 6'0" FINISHED FLOOR TO FINISHED SILL REQUIRE DOUBLE STUDS."
- TYPICAL WINDOW HEADER:** Shows a window header assembly with components: DBL. 2X, TOP PLATE; 2-2X10 HDR W/ 1/2" PLYWD SPACER; 2X, BOTTOM PLATE; and SUB-FLOOR. A note states: "OPENINGS 8'0" OR GREATER REQUIRE DBL. JACK STUDS."
- BEARING WALL HEADER:** Shows a bearing wall header assembly with components: DBL. 2X, TOP PLATE; 2-2X10 HDR W/ 1/2" PLYWOOD SPACER; STUD; JACK STUD; 2X, PLATE; JACK STUD; 2X, BOTTOM PLATE; and SUB-FLOOR.

## Wall Framing/Header DETAILS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



## Truss Bracing DETAILS



SCALE: NONE

SHEET NUMBER  
S.4  
OF 4 SHEETS