



LEFT ELEVATION
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



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



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

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

REVISIONS
June 11, 2019

SOFTWARE

EXTERIOR ELEVATIONS
SCALE: 1/8" = 1'-0"

A CUSTOM HOME FOR
OBIE LEWIS
PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA

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LAKE CITY, FL 33508
DMS 708-SADG
info@design.com



JOB NUMBER
20190503

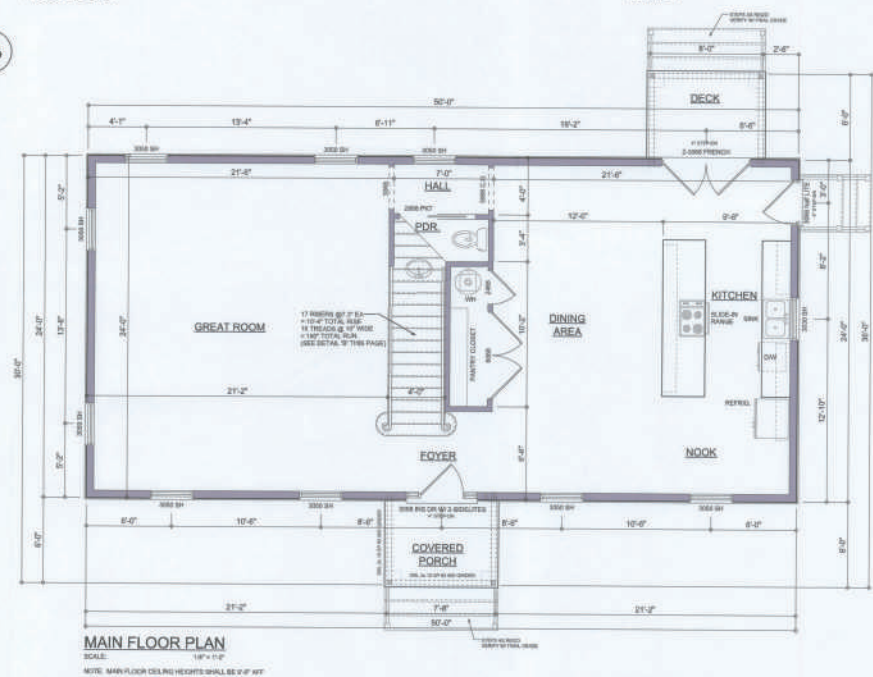
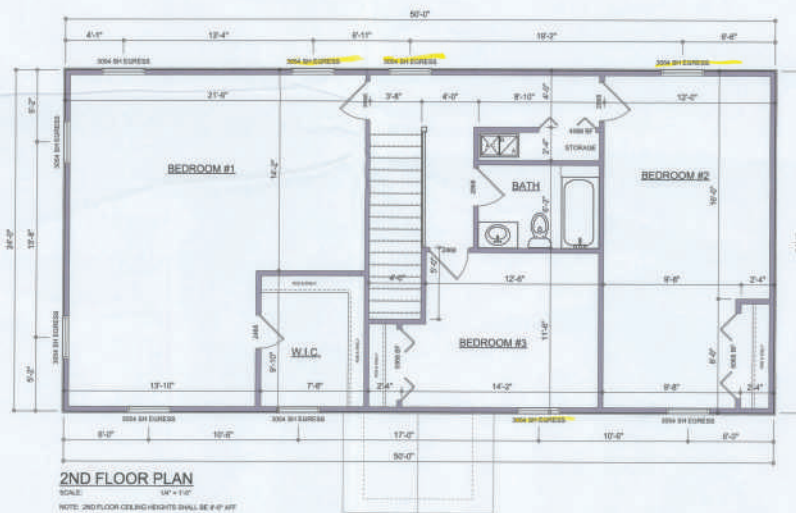
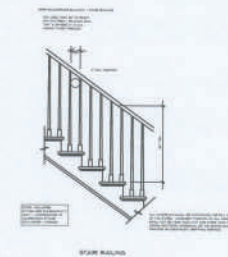
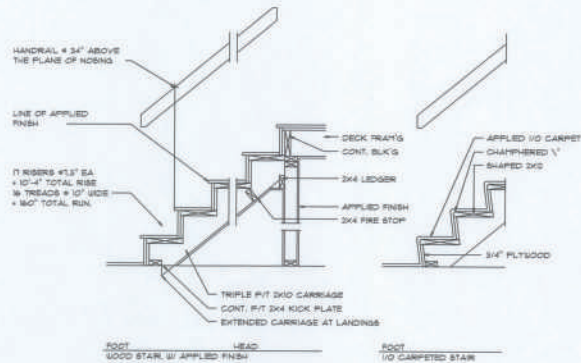
SHEET NUMBER
A.1



SCANNED

Wm C. 9/17/19

31028



AREA SUMMARY	
MAIN FLOOR LIVING AREA	1,200 S.F.
2ND FLOOR LIVING AREA	1,200 S.F.
TOTAL LIVING AREA	2,400 S.F.
ENTRY PORCH AREA	46 S.F.
TOTAL AREA	2,446 S.F.

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REVISIONS

June 11, 2018

SOFTPLAN

MAIN FLOOR PLAN

2ND FLOOR PLAN

A CUSTOM HOME FOR:

OBIE LEWIS

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(904) 738-6408

W

JOB NUMBER

20190503

SHEET NUMBER

A.2

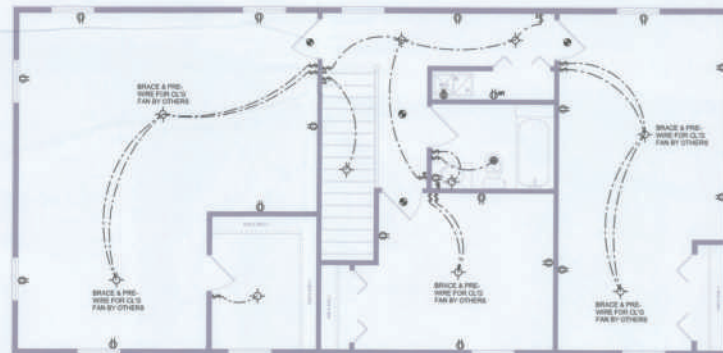
ELECTRICAL LEGEND	
	CEILING FAN (PNE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFIC & TAMPER RESISTANT)
	200V OUTLET
	GFI DUPLEX OUTLET (PER NEC 408.6)
	TELEPHONE JACK
	SMOKE / CARBON MONOXIDE DETECTOR (per manufacturer)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL INTERIOR RECEPTILES SHALL BE AFIC
(ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER
NEC 408.11

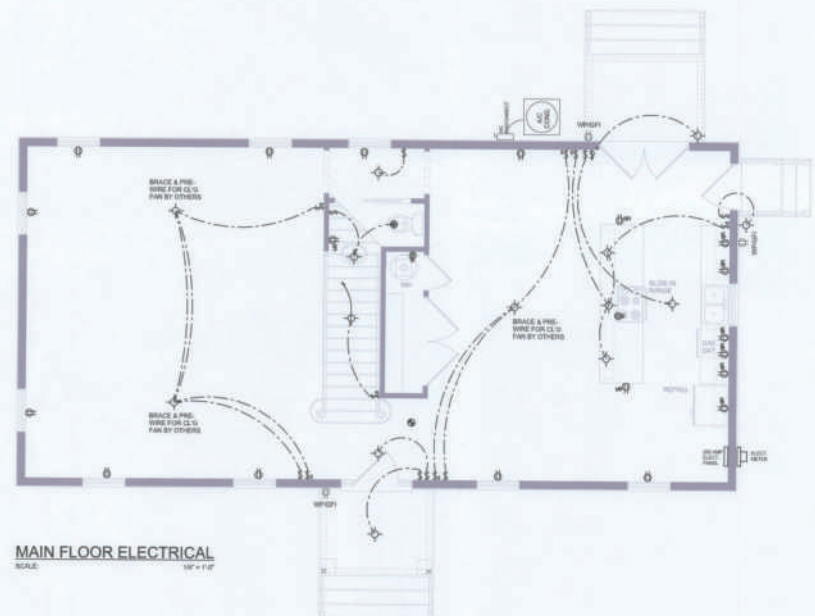
ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR
AND SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRING TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS
CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB
PANEL SHALL HAVE FOUR WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR
SHALL BE USED AS AN EQUIPMENT GROUND.

IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL
WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE REPAIRED NATIONAL
ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



2ND FLOOR ELECTRICAL
SCALE: 1/8" = 1'-0"



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

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REVISIONS
June 11, 2018

SOFTPLAN

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

2ND FLOOR ELECTRICAL
SCALE: 1/8" = 1'-0"

A CUSTOM HOME FOR:
OBIE LEWIS
PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA

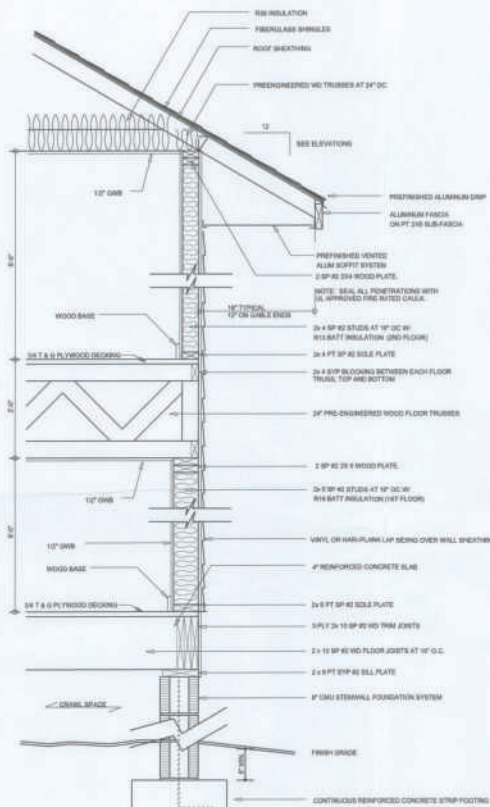
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4000 W. UNIVERSITY BLVD., STE. 100
LAKE CITY, FL 32809
(386) 758-8406
www.walkerandassociates.com



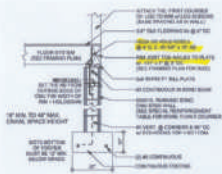
JOB NUMBER
20190503

SHEET NUMBER
A.3

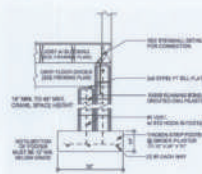
W.C. 7/17



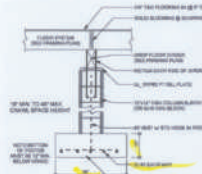
TYPICAL WALL SECTION
SCALE: 1/2\"/>



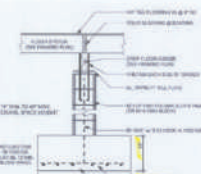
F11 STEMWALL FOUNDATION (10\"/>



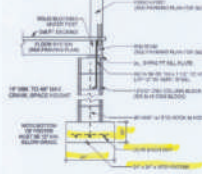
F20 8x8 PILASTER @ GIRDER BEARING
WOOD FLOOR OVER CHALKSPACE SCALE: 1/2\"/>



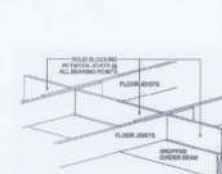
F22 PIER FOUNDATION (36\"/>



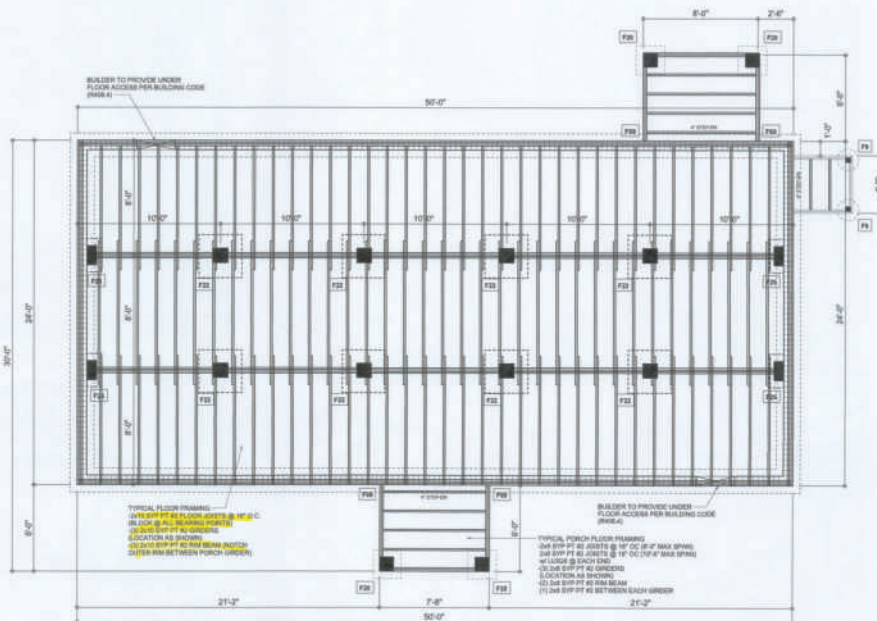
F23 PIER FOUNDATION (48\"/>



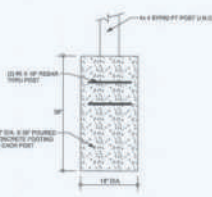
F26 PORCH PIER (24\"/>



DROPPED GIRDER BLOCKING DETAIL
SCALE: 1/2\"/>



FLOOR FRAMING / FOUNDATION PLAN
SCALE: 1/4\"/>



F9 EMBEDDED POST DETAIL
SCALE: 1/2\"/>

BUILDER IS TO HAVE TERMITE PROTECTION PROVIDED BY REGISTRIED TERMITEKILLERS INCLUDING SOL APPLIED PESTICIDES. UPON COMPLETION OF THE APPLICATION OF TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services."

UNDER FLOOR VENTILATION (2014 FBH RM): MIN. NET AREA = 376 FT² / 150 ± 3.8 FT² MIN. AND ONE VENT WITHIN 3'-0" OF EACH CORNER.

BUILDER TO PROVIDE VENTING AT BLOCKING COURSE JUST BELOW THE BEAM BY TURNING BLOCKS SIDEWAYS COVERED WITH ONE OF THE FOLLOWING:

1. Perforated sheet metal plates not less than 0.047\"/>

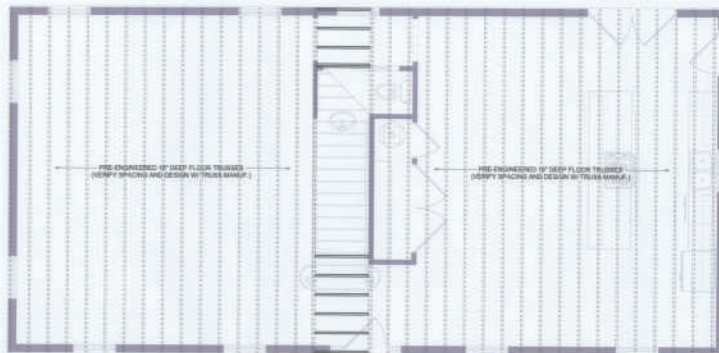
BUILDER TO PROVIDE UNDER FLOOR ACCESS PER BUILDING CODE (FHB 4)



F68 PORCH FLOOR CONNECTION @ HOUSE
FLOOR ABOVE CHALKSPACE SCALE: 1/2\"/>

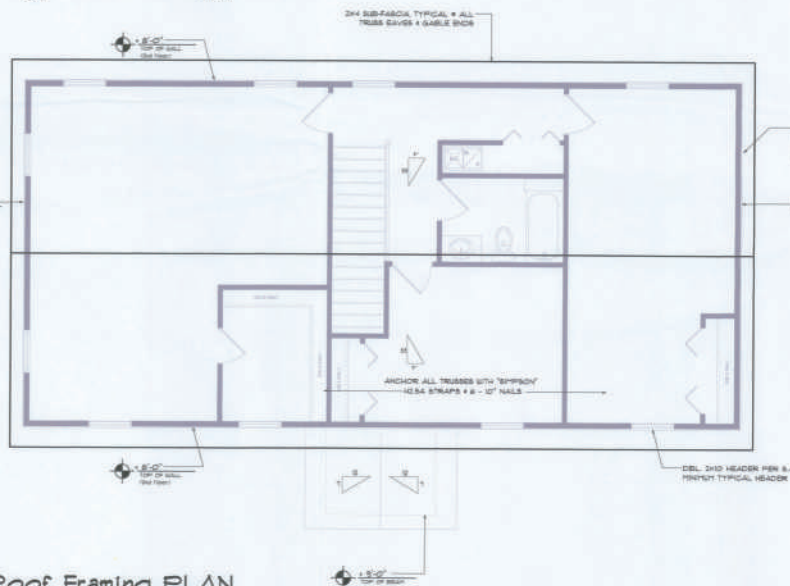
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REVISIONS June 11, 2019 FOUNDATION PLAN SCALE: 1/4\"/>	SOFTPLAN FOUNDATION PLAN SCALE: 1/4\"/>
FOUNDATION PLAN SCALE: 1/4\"/>	
DETAILS & NOTES SCALE: 1/2\"/>	
A CUSTOM HOME FOR OBIE LEWIS PROJECT ADDRESS: COLUMBIA COUNTY, FLORIDA MAILING ADDRESS:	
NICHOLAS PAUL BEVILACQUA ARCHITECT 12456 N. US HWY 90, TAMPA, FL 33634 LICENSE: Certified E (0001) 2014-2019	
JOB NUMBER 20190503	
SHEET NUMBER S.1 OF 4 SHEETS	



2ND FLOOR FRAMING PLAN

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



Roof Framing PLAN

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

NOTE
ANCHOR GIRDERS TRUSSES TO HEADER
WITH 3 "TEMPORARY" LOTS, 3 OR 4
ANCHOR HEADERS TO KING STUDS BY
3 "TEMPORARY" 8X12 EA. END, TYPE, T.O.

NOTE
REFER TO THE WINDOW/DOOR HEADER
SCHEDULE ON SHEET S-4 FOR ALL
THINWALL ROOF HEADERS AND ALTERNATE
THINWALL ROOF HEADERS IS 2-2X10.

ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANGS 12"
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON S-3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HAIL HEIGHTS
- R-5 TIE ALL STUDS AND OTHER ROOF PENETRATIONS TO RESIST

NOTE
SHEATH ROOF WITH 1/2" CDX PLYWOOD PLACED UP LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. REQUIRE TO TRUSSING BY 8X NAILS - 48 PER DETAIL ON SHEET S-4

NOTE
THE DESIGN WIND SPEED FOR THIS PROJECT IS 100 MPH PER 2015 PER IRC R502.1.1 AND LOCAL JURISDICTION REQUIREMENTS

NOTE
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RESISTANT CAULKING INCLUDING DRIVING FLUENTS OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 4'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES. NOTED ABOVE

GENERAL TRUSS NOTES

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL WOOD PRODUCT ASSOCIATION (NWP) FOR TRUSS MANUFACTURING AND ITS CONNECTIONS. LATEST EDITIONS OF THE TRUSS MANUFACTURING ASSOCIATION'S SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS WITH TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEER'S ANALYSIS AND UP-LIFT REQUIREMENTS OF TRUSSES OR JOINTS. THE CONTRACTOR SHALL HAVE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF JOINTS. JOINTS ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGES SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. NONE OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILS. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UP-LIFT OR GRAVITY LOAD OF 600 LBS OR GREATER. TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UP-LIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UP-LIFT ANCHOR SYSTEM SHALL BE CONTIGUOUS TO THE FOUNDATION.

SHOP DRAW COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERING SHOP DRAWINGS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UP-LIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE PLACED TO ENGINEERING PRODUCT UP-LIFT BEHAVIOR FOR COMPARABLE UP-LIFT CONNECTIONS. AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UP-LIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

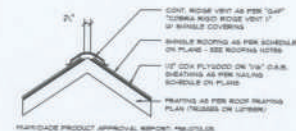
PROJECT COORDINATION REQUIREMENTS

NOTICE
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES, RULES AND REGULATIONS, THE ENGINEER, ARCHITECT, ENGINEER, OR OTHERS WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER/ARCHITECT/BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING NATIONAL, CODES, CITY, COUNTY, STATE, AND FEDERAL. IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/SITE'S PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

WOOD STRUCTURAL NOTES

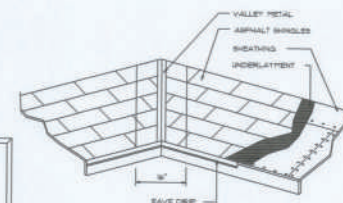
- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SO ENSURED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. 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 16-2 HET-PIN 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 JOINT	MEET L.A. OF JOINT	NET FREE AREA OF JOINT
800 SF	10 LF	400 SF
1000 SF	10 LF	400 SF
1200 SF	10 LF	400 SF
1400 SF	10 LF	400 SF
1600 SF	10 LF	400 SF
1800 SF	10 LF	400 SF
2000 SF	10 LF	400 SF
2200 SF	10 LF	400 SF
2400 SF	10 LF	400 SF



Ridge Vent DETAIL

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



Valley Flashing

ROOFING METALS for FLASHING/ROOFING			
MATERIAL	MINIMUM THICKNESS (in.)	GAGE	WEIGHT
COPPER			36
ALUMINUM	0.034		
STAINLESS STEEL		36	
SALVAGED STEEL	0.016	IN (2ND COATED 5501)	
ZINC ALLOY LEAD	0.011		30
PAINTED TERN			30

Roofing/Flashing DETS.

SCALE: NONE

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

REVISIONS
JAN 12 2019

SOFTPLAN

ROOF PLAN

ACTION NAME FOR:
OBIE LEWIS
COLUMBIA COUNTY, FLORIDA
HALL COUNTY, FLORIDA



NICHOLAS
PAUL
ARIZONA
1700 W. 10th Avenue, Suite 100
Phoenix, AZ 85007
(602) 998-1000

JOB NUMBER
20190503

SHEET NUMBER
S.2
OF 4 SHEETS

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION
Roof: Gable Construction, Wood Trusses @ 24" O.C., 4" x 8" C/P rafters @ 48" OC w/ joist
Walls: 2x Wood Studs @ 16" O.C.
Floor: 2x 10 S&P 45 FLOOR JOISTS @ 24" O.C. w/ 3/4" x 8" & gypsum sub-floor
Foundation: Continuous Steel Wall Foundation system with interior grade

ROOF DECKING
Material: 5/8" CD Plywood @ 1/8" O.S.B.
Steel Size: 40'x40' Sheets Perpendicular to Roof Framing
Fasteners: #6 Common Nails per schedule on steel J.T.

SHEARWALLS
Material: 12" CD Plywood @ 7/16" O.S.B.
Steel Size: 40'x40' Sheets Parallel to wall, stagger each sheet
Fasteners: #6 Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Diaphragm: Double Top/Bottom 2x12 Studs @ 12" O.C.
Wall Studs: 2x4 Wood Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS
Tie Anchors: SIMPSON H2.5A (OR EQUIVALENT), W/ 8 - 1/8" NAILS
Wall Ties: W/6 Strapping Nailing is Adequate - 8d @ 4" O.C. Top & 8d
Porch Column Base Connector: (R) kg tie-anchors
Porch Column to Beam Connector: (R) kg tie-anchors

FOOTINGS AND FOUNDATIONS
Footing: 24" x 12" Cont. W/ (2) #4 Bars Cont. at one side @ 1') #5 Transverse @ 34" O.C.
Diameter: 8" C.M.U. W/ 4# Vertical Bars @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2011 FLORIDA BUILDING CODE - FOR RESIDENTIAL AND COMMERCIAL BUILDINGS AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
2. WIND LOAD CRITERIA: WIND CATEGORY: I, EXPOSURE: 10'
BASED ON ANNEHANCE 1-10, 2014 NBC WIND-1 WIND VELOCITY: $V_{100} = 130$ MPH
3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
RESIDENTIAL: 40 PSF
BALCONIES: 60 PSF
5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOL CHEMICAL BARRIER METHOD:

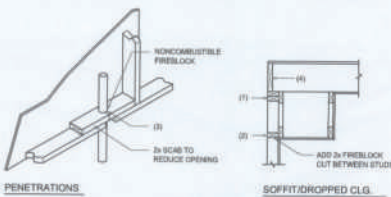
1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR INSPECTION AND TREATMENT CONTRACT RETENTION SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1910.1.3
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1910.1.4
3. VENTILATION OPENINGS (VINTERS) INCLUDING ALL RIDGES AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1910.1.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 1". EXCEPTION: PAINT AND DECORATIVE COMPOSITIONS FINISH LESS THAN 3/8" THICK APPLIED DIRECTLY TO THE FOUNDATION WALL. FBC 1910.1.8
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1910.1.1
6. SOL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BORED OR FORMED. FBC 1910.1.2
7. BORED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC. SHALL BE MADE WITH PERMANENT METAL OR POLYESTER FLOOR. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOL AFTER THE INITIAL TREATMENT. FBC 1910.1.2
8. MINIMUM 6 MIL VAPOR BARRIER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR BARRIER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1910.1.4
9. CONCRETE OVERPOUR AND MORTAR ARE THE FOUNDATION PERMITTER MUST BE REMOVED BEFORE EXTERIOR SOL TREATMENT. FBC 1910.1.3
10. SOL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1910.1.8
11. AN ANTI-VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1910.1.4
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1910.1.7
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED 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 1910.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL SAND, STUMPS, TREE TRUNK REMAINS, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2001.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 10'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2001.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER	CAP.
TRUSS TO WALL:	SIMPSON H2.5A (OR EQUIVALENT), W/ 8 - 1/8" NAILS	960F
GIRDER TRUSS TO POST/HEADER:	SIMPSON LUT, W/ 28 - 1/8" NAILS	1755F
HEADER TO KING STUD(S):	SIMPSON BT22	1370F
PLATE TO STUD:	SIMPSON SP2	1855F
STUD TO SILL:	SIMPSON SP1	960F
PORCH BEAM TO POST:	SIMPSON PCA4/EPCH4	1700F
PORCH POST TO FNDG:	SIMPSON ABU4H	2200F
MISC. JOINTS	SIMPSON ASA	315M240F

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHOR/Joint REINFORCEMENT AND FASTENERS.
ALL UNLIFTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON ASA FRAMING ANCHORS, TYPICAL, T.O.

NOTE:
"SIMPSON" PRODUCT APPROVAL:
MANUFACTURE COUNTY REPORT #55-0816.12
NOTE:
"SIMPSON" PRODUCT APPROVALS:
MANUFACTURE COUNTY REPORT #57-0107.05, #58-1120.11, #59-0623.04, #60-1120.11, #61-0441.05, #62-0441.05



PENETRATIONS

FIREBLOCKING NOTES:

1. FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:
a. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, CORNER CEILING, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "HYPOXEROL MULTIFLEX SEALANT".
4. 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 SLOTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT < 30'-0", EXPOSURE "B" ROOF ANGLE 1° TO 45°				
WIND SPEED (MPH)	WIND DIRECTION	WIND SPEED (MPH)	WIND DIRECTION	WIND SPEED (MPH)
10	100	100	100	100
20	100	100	100	100
30	100	100	100	100
40	100	100	100	100
50	100	100	100	100
60	100	100	100	100
70	100	100	100	100
80	100	100	100	100
90	100	100	100	100
100	100	100	100	100

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
WIND SPEED (MPH)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
10	1.00	1.00	1.00
20	1.00	1.00	1.00
30	1.00	1.00	1.00
40	1.00	1.00	1.00
50	1.00	1.00	1.00
60	1.00	1.00	1.00
70	1.00	1.00	1.00
80	1.00	1.00	1.00
90	1.00	1.00	1.00
100	1.00	1.00	1.00

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT < 30'-0", EXPOSURE "B" ROOF ANGLE 1° TO 27°				
WIND SPEED (MPH)	WIND DIRECTION	WIND SPEED (MPH)	WIND DIRECTION	WIND SPEED (MPH)
10	100	100	100	100
20	100	100	100	100
30	100	100	100	100
40	100	100	100	100
50	100	100	100	100
60	100	100	100	100
70	100	100	100	100
80	100	100	100	100
90	100	100	100	100
100	100	100	100	100

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
WIND SPEED (MPH)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
10	1.00	1.00	1.00
20	1.00	1.00	1.00
30	1.00	1.00	1.00
40	1.00	1.00	1.00
50	1.00	1.00	1.00
60	1.00	1.00	1.00
70	1.00	1.00	1.00
80	1.00	1.00	1.00
90	1.00	1.00	1.00
100	1.00	1.00	1.00

General Roofing NOTES:

SEEK REQUIREMENTS
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECK.
SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, ONE UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 486, TYPE 1.
SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1975.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF-SEAL STITCHES OR BE INTERLOCKING, AND COMPLY WITH ASTM D 226 OR ASTM D 486.
FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER. ROOFING NAILS MINIMUM 13 GAUGE SHOWN WITH A MINIMUM 3/8" INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS THICKER THAN 5/8" THICK, THE NAIL SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 115 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 1975 OR ASTM D 1975-10-05.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCHES OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 16 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE PATTERN PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE W/ MEMPHIS INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OR MINIMUM 30 MIL THICKNESS 6093 HIGH OR MINIMUM SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 75 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 3/16 INCH.

VALVES:
VALVE UNITS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALVE UNITS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR OPEN VALVE UNITS UNDER METAL, THE VALVE UNIT SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN TABLE 1910.1.2.2.
2. FOR OPEN VALVE UNITS, VALVE UNITS OF 24" MINIMUM SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 16 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALVE UNITS VALVE UNITS SHALL BE ONE OF THE FOLLOWING:
a. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
b. ONE PLY OF 30 MILS ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 226.
c. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1975.

NOTE 111:
ROOFING SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 36 AR
HERITAGE 45 AR
HERITAGE 55 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1, MODIFIED TO 110 MPH WINDS & FBC TAB 106, USING 4 NAILSHINGLES

REVISIONS
June 11, 2018

SOFTWARE

CODE DETAILS & NOTES

FLORIDA

OBIE LEWIS

REGISTERED PROFESSIONAL ARCHITECT

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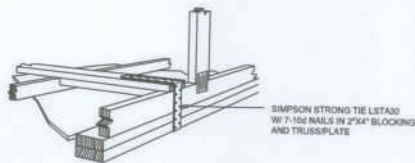
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ARCHITECT

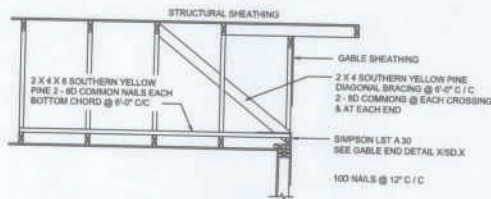
1715 W. BAYVIEW BLVD.

MIAMI BEACH, FL 33139



**GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR**

SCALE: NONE



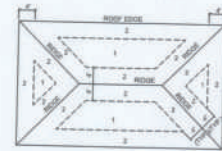
**END WALL BRACING FOR
CEILING DIAPHRAGM**

NTS (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

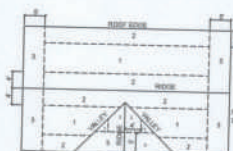
BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"						
ZONE	AREA	Vel. 110 MPH	Vel. 120 MPH	Vel. 130 MPH	Vel. 140 MPH	
1	10	12.0 / -19.9	14.9 / -23.7	17.5 / -27.8	20.3 / -32.3	
1	20	11.4 / -18.4	13.6 / -22.0	16.0 / -27.0	18.5 / -31.4	
1	50	10.6 / -16.8	11.9 / -22.2	13.9 / -26.0	16.1 / -30.3	
2	10	12.3 / -24.7	14.9 / -21.3	17.6 / -28.4	20.3 / -36.2	
2	20	11.4 / -21.9	13.6 / -28.0	16.0 / -44.8	18.5 / -51.7	
2	50	10.6 / -28.2	11.9 / -33.6	13.9 / -38.4	16.1 / -45.7	
3	10	12.8 / -61.3	14.9 / -61.0	17.8 / -71.8	20.3 / -83.1	
3	20	11.4 / -47.8	13.6 / -52.1	16.0 / -67.9	18.5 / -77.7	
3	50	10.6 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5	
4	10	21.8 / -23.8	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2	
4	20	20.8 / -22.6	24.7 / -28.9	29.0 / -31.4	33.7 / -36.7	
4	50	18.9 / -21.3	23.3 / -25.4	27.2 / -28.8	31.6 / -34.8	
5	10	21.8 / -28.1	25.9 / -34.7	30.4 / -40.7	35.3 / -47.2	
5	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0	
5	50	18.9 / -24.8	23.2 / -29.3	27.2 / -34.3	31.6 / -38.8	

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			1 IN. x 6 EDGE 12 IN. x 6 FIELD
2			1 IN. x 6 EDGE 2 IN. x 6 FIELD
3	1/4" x 5/8" OR 1/2" x 3/4"	1/4" x 5/8" OR 1/2" x 3/4"	4 IN. x 6" SOUTHERN YELLOW PINE TRUSS OR GABLE TRUSS 6 IN. x 6" FIELD

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
30	1.00	1.28	1.55
45	1.00	1.35	1.61
60	1.00	1.40	1.66



**ROOF SHEATHING NAILING ZONES
(HIP ROOF)**

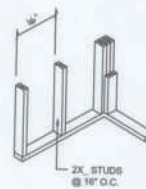


**ROOF SHEATHING NAILING ZONES
(GABLE ROOF)**

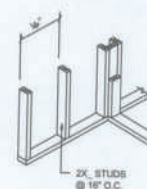
Roof Nail Pattern DET.

SCALE: NONE

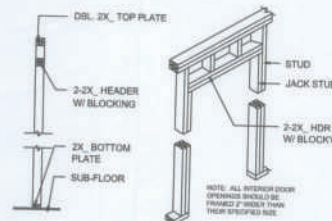
HEADER SPANS FOR EXTERIOR BEARING WALLS				
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)		
		27'	28'	30'
ROOF, CEILING	2-2x4	3'-6"	3'-2"	2'-10"
	2-2x6	5'-5"	4'-8"	4'-2"
	2-2x8	6'-10"	5'-11"	5'-4"
	2-2x10	8'-5"	7'-5"	6'-8"
	2-2x12	9'-8"	8'-5"	7'-8"
	3-2x8	8'-4"	7'-5"	6'-8"
	3-2x10	10'-6"	9'-1"	8'-2"
	3-2x12	12'-2"	10'-3"	9'-5"
	4-2x8	8'-2"	7'-5"	6'-8"
	4-2x10	11'-8"	10'-6"	9'-5"
	4-2x12	14'-1"	12'-2"	10'-11"



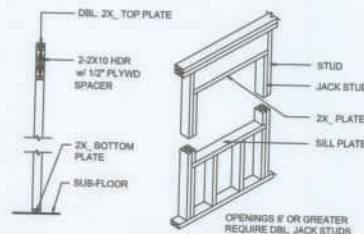
WALL CORNER



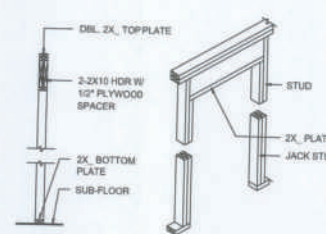
WALL INTERSECTION



NON-BEARING WALL HEADER



TYPICAL WINDOW HEADER

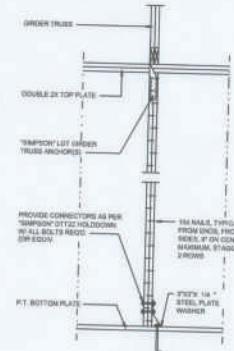


BEARING WALL HEADER

Wall Framing/Header DETAILS

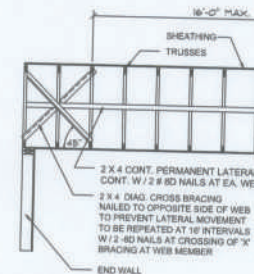
SCALE: NONE

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



Girder Truss Column

SCALE: 1/2" = 1'-0"

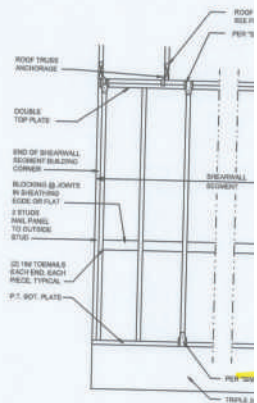


TYP. PERMANENT TRUSS

NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE

Truss Bracing DET

SCALE: AS NOTED



Shear Wall DETAIL

SCALE: NONE