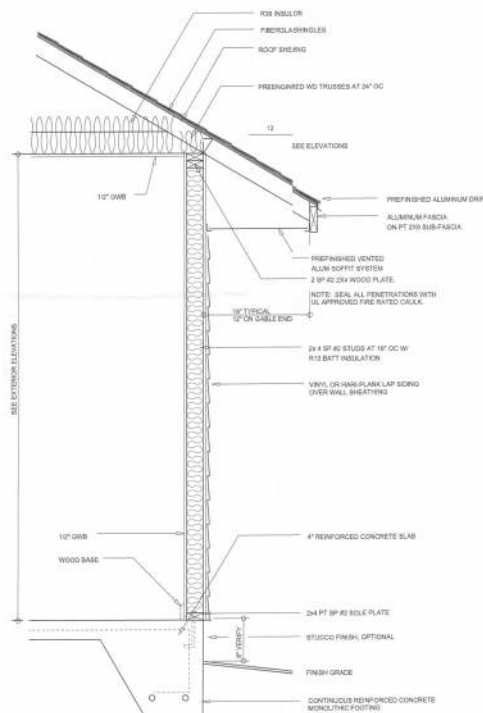




LEFT ELEVATION
SCALE: 1/8" = 1'-0"



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



TYPICAL WALL SECTION
SCALE: 1/4" = 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 14, 2022

SOFTPLAN
2022

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

TYPICAL WALL SECTION
SCALE: 1/4" = 1'-0"

MODEL 1311 FOR:
BEN MARTIN
PROJECT ADDRESS: LOT 2 BAYVIEW SUBDIVISION UNIT 5, LAKE CITY, FLORIDA

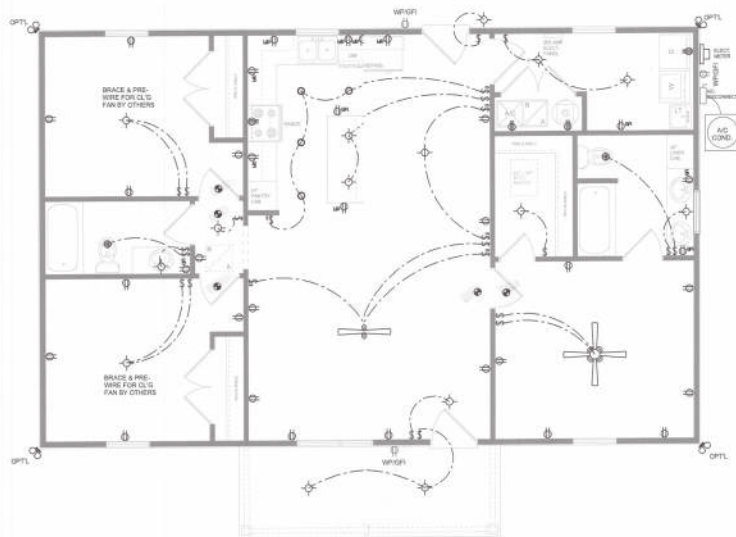
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FOR THE COMMERCIAL OR RESIDENTIAL
LAKE CITY, FL 33608
(386) 758-8406
www.wmdesign.com



JOB NUMBER
20220607

SHEET NUMBER
A.1





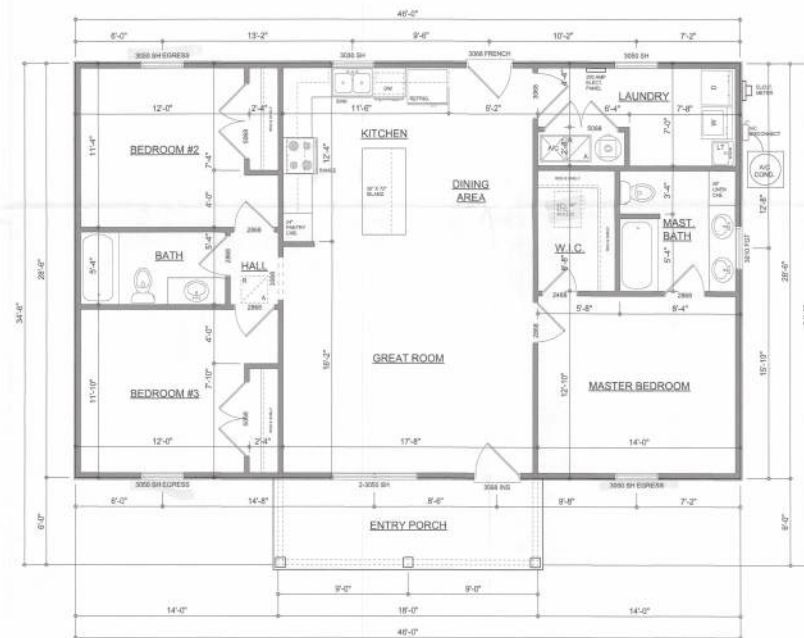
ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFCI & TAMPER RESISTANT)
	20A OUTLET
	GFI DUPLEX OUTLET (PER NEC 408.6)
	TELEVISION JACK
	CIRCUIT FOR MINI-SPLIT UNIT
	SMOKE / CARBON MONOXIDE DETECTOR (see note below)
	WALL SWITCH
	3-WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL INTERIOR RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPTER) PER NEC 210.12 & TAMPER RESISTANT PER NEC 408.11
ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH EFFICIENCY LIGHTING PER ENERGY CONSERVATION PAQA
ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTIVATED 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 2017 (NFPA 70) NATIONAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



DIMENSIONED FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTE: ALL WALLS SHALL BE 8" P-UB UNLESS OTHERWISE NOTED

AREA SUMMARY	
LIVING AREA	1,311 S.F.
ENTRY PORCH AREA	108 S.F.
TOTAL AREA	1,419 S.F.

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

REVISIONS	
August 04, 2022	

SOFTPLAN

DIMENSIONED FLOOR PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

MODEL 314 FOR
BEN MARTIN
PROJECT ADDRESS: LOT 2 MAYFAIR SUBDIVISION UNIT 5, LAKE CITY, FLORIDA

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428 SW COMMERCE DR. STE. 301
LAKE CITY, FL 33603
(386) 758-8406
wim@wimdesign.com



JOB NUMBER
20220607

SHEET NUMBER
A.2

Wall C 9m

REVISIONS
June 14, 2022

- 
- SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

PROJECT ADDRESS: LOT 2 MAYFAIR SUBDIVISION UNIT 5, LAKE TY, FLORIDA

BEN MARTIN

AR0007005

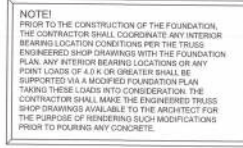
**NICHOLAS PAUL
GEISLER
ARCHITECT**
N.C.A.A.R.B. Certified ■
1758 NW Brown L. Rd. ■
Lake City, FL 328 ■
(386) 361-4355

JOB NUMBER
20220607

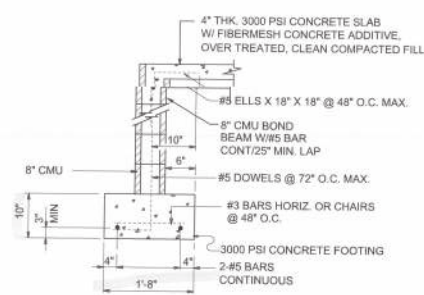
SHEET NUMBER

S.1

OF 4 SHEETS



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



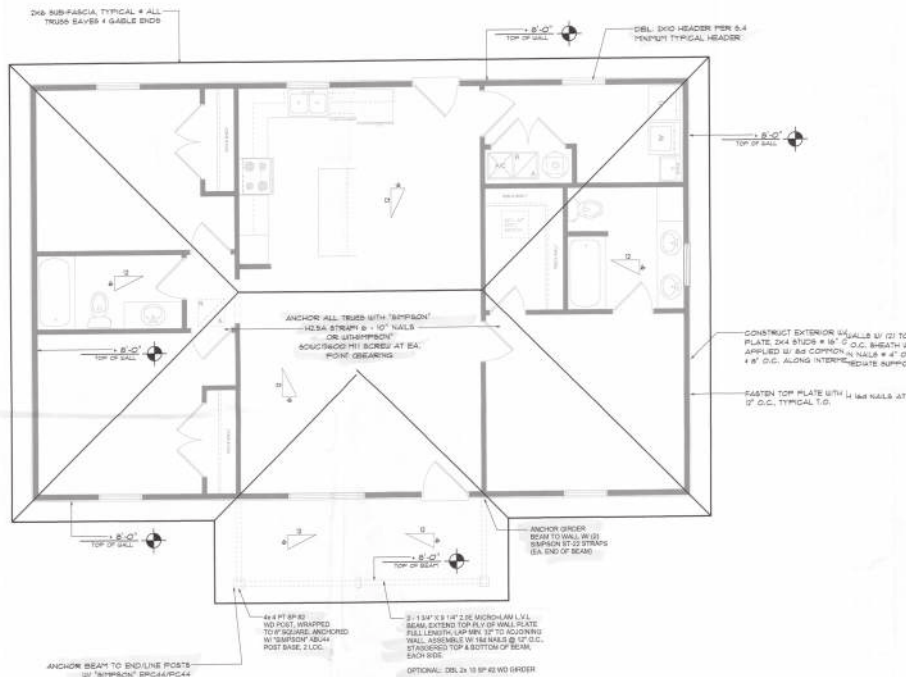
SECTION (optional) A
SCALE: 3/4" = 1'-0" S.1

NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2020 FBC (7TH EDITION)
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 98% 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 RISER DIAGRAM - CONTR
SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND
1 COPY TO THE PERMIT ISSUING AUTHORITY.

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



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 CONTINUOUS TO THE FOUNDATION.

SHOW DWD COORDINATION. THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MUST BE MATCHED TO STANDARD PRODUCT UPLIFT RATHON FOR COMPARABLE UPLIFT CONNECTIONS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LBS. 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 WERE 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 IN 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, COUNTY, CITY, COUNTY, STATE AND FEDERAL, IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

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

ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANGS 6" UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON S.4
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND NEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE:
SEATH ROOF 1/2" COX PL/WOOD PLACED 1/2" LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO FRAMING 1/2" 80 NAILS - AS PER DETAIL ON SHEET S.4

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2020 FBC (7TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

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

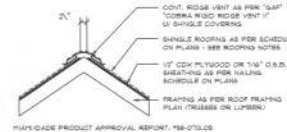
GENERAL TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ROOFING PRODUCTS ASSOCIATION (NRA) FOR TRUSS RATED LUMBER AND ITS CONNECTIONS. LATEST S&I, ALONG WITH THE TRUSS PLATE INSTITUTE'S SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS. A TRUSS TO TRUSS CONNECTIONS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNER ENGINEER.
3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED. CORRECTIONS TO THE ENGINEERED GRAVITY AND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS, THE CONTRACTOR SHALL MAKE 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 THE STRUCTURE.

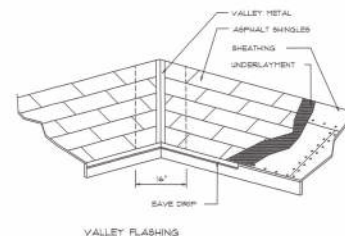
WOOD STRUCTURAL NOTES

1. 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".
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETS. TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-2 MEM-FIR OR BETTER.
4. 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	WOOD L.P. OF VENT	NET FREE AREA OF VENTAGE
800 SF	20 LF	410 SQ. IN.
1600 SF	40 LF	820 SQ. IN.
2400 SF	60 LF	1230 SQ. IN.
3200 SF	80 LF	1640 SQ. IN.
4000 SF	100 LF	2050 SQ. IN.
4800 SF	120 LF	2460 SQ. IN.
5600 SF	140 LF	2870 SQ. IN.
6400 SF	160 LF	3280 SQ. IN.



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



MATERIAL	MINIMUM THICKNESS (IN.)	GAGE	WEIGHT (LB./SQ. FT.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL	0.078	26	
GALVANIZED STEEL	0.078	26 (ENCL. COATED GAO)	
ZINC ALLOY	0.078		40
PAINTED TENNE			20

Roofing/Flashing DETS.

SCALE: NONE

REVISIONS
June 11, 2022

SOFTPLAN

ROOF PLAN
1/17/22

THE MODEL 1311 FOR
BEN MARTIN
PROJECT ADDRESS: LOT 2 MAYFAIR SUBDIVISION UNIT 5, LAKE CITY, FLORIDA

ARCHITECT
NICHOLAS J. BEUTLER
ARCHITECT
1311 13TH AVE. S.E.
LAKE CITY, FL 33606
(813) 947-1311

NICHOLAS J. BEUTLER
ARCHITECT
1311 13TH AVE. S.E.
LAKE CITY, FL 33606
(813) 947-1311

JOB NUMBER
20220607

SHEET NUMBER
S.2
OF 4 SHEETS

Compliance Summary

Roof: Gable & Hip Construction, Wood Trusses @ 24" O.C.
 Walls: 2x 4 Wood Studs @ 16" O.C.
 Floor: 4" Thk. Concrete Slab W/ #4 rebar @ 24" O.C. ea. way.
 Foundation: Continuous monolithic footing or 12" Stem Wall foundation system

Material: 5/8" CD Plywood or 7/16" C.S.B.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 8d Common or ring-shank nails per schedule on sheet S.4

Material: 1/2" CD Plywood or 7/16" G.S.B.
Sheet Size: 48"x96" Sheets Placed Vertical, stagger each sheet.
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior.
Dragebit: Double Top Plate (S.Y.P.) w/16d Nails @ 12" O.C.
Wall Studs: 2x4 Wood Studs @ 16" O.C.

Truss Anchors: Simpson H2-5A (or equivalent), W/ 4 - 10d NAILS
Wall Tension: Wall Sheathing Nailing is Adequate - #2 @ 4" o.c. Top & Sid.
Anchor Bolts: 1/2" A307 Bolts @ 48" o.c. - 1st Bol 4" from corner
Corner Hold-down Device: (1) DTT22 (or equiv.) @ each corner
Simpson AB444ABUB6 @ each column
Porch Column to Beam Connector: Simpson EPC444PC46 @ each column

Footing: 20"x 16" Cont. W/ (2) #5 Bars Cont. on chair or (1) #5 Transverse @ 24" O.C.
 Stemwall: (optional) 4" C.M.U. W/1-#5 Vertical Dowel @ 48" O.C.

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE (TH EDITION) AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT THE OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATEGORY: 2 EXPOSURE: "C"
 BASED ON AMIBASCE 7-16, 2010 FBC MO-A WIND VELOCITY: $V_{50} = 130$ MPH
 $V_{100} = 151$ 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:
 RESIDENTIAL: 40 PSF
 BALCONIES: 60 PSF
5. LIFT NET UPLIFT: ARE AS INDICATED ON PLANS

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 154.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4

11. IRIGATIONS/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 7'-0" FROM BUILDING SIDE WALLS. BIC 1403.18.
12. A. TO PROVIDE FOR INSPECTION FOR TENSILE INTERFERENCE, BETWEEN WALL AND CONCRETE, THE EXCAVATION SHALL BE DEEP ENOUGH TO EXPOSE THE JOINT. EXCEPTION: PAINT AND DECORATIVE CEMENTITIOUS FINISH LESS THAN 1/4" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. BIC 1403.18.18.
13. B. EXCAVATION SHALL BE DEEP ENOUGH TO EXPOSE ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 180.1.11.
14. SOIL, DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED TO MEET ALL GRASSES BOWDED BY THE DISTURBED SOIL. BIC 180.1.11.
15. B. EXCAVATED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF THRAPPS, ETC. SHALL BE MADE WITH PERMANENT METAL OR PLASTIC CURBING TO FORM A CURB TO PREVENT FURTHER DISTURBANCE AND ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. BIC 180.1.11.
16. A. MINIMUM 1/4" M/VOLAP REPAIRER MUST BE REINSTALLED TO PROTECT AGAINST FURTHER DAMAGE TO EXISTING CONCRETE. BIC 180.1.11.
17. B. CONCRETE OVERCURE AND MORTAR ALONG THE FOUNDATION PERIMETER SHALL BE REPAIRED TO MEET ALL GRASSES BOWDED BY THE DISTURBED SOIL. BIC 180.1.11.
18. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR MORTAR OF ANY STRUCTURE. BOWDED BY THE DISTURBED SOIL. BIC 180.1.11.
19. A. AT ANY EXTERIOR VERTICAL CHANGING OF DIRECTION, THERE MUST BE AN EXTERIOR VERTICAL CHANGING OF DIRECTION. BIC 180.1.11.
20. CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRIGATIONS. A. AT ANY EXTERIOR VERTICAL CHANGING OF DIRECTION, THERE MUST BE AN EXTERIOR VERTICAL BARRIER IS APPLIED. SHALL BE RETREATED. FBC 180.1.18.
21. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. BIC 180.1.11.
22. A. CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED BEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED BY THE BUILDING DEPARTMENT. BIC 180.1.11.
23. THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF PESTS AND DISEASES. BIC 180.1.11.
24. A. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 7'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE AND SUBGRADE. BIC 180.1.11.
25. A. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 7'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE AND SUBGRADE. BIC 180.1.11.
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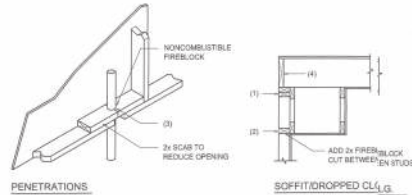
TRUSS TO WALL:	SIMPSON HQ.5A (OR EQUIVALENT), W/ 6 - 10d NAILS	9809
GIRDER BRIDGE TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	17856
HEADER TO KING STUD(S):	SIMPSON ST22	12708
PLATE TO STUD:	SIMPSON SP2	10058
STUD TO SILL:	SIMPSON SP1	5656
PORCH BEAM TO POST:	SIMPSON PC44/EPC44	17208
PORCH POST TO FND.:	SIMPSON ABU44	22008
MISC. JOINTS	SIMPSON A34	31580/2408

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.

ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMIDADE COUNTY REPORT #95-0818.15
NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMIDADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04
SBCC1 NER-443, NER-383



FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF TITLO 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 CEILINGS, COVE CEILINGS, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPHOROUS MULTIFLEX SEALANT"
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL TITLO WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCK SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

SCALE: NONE



DECK REQUIREMENTS:

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12
OR GREATER. PER RMC, DOUBLE UNDERLAYMENT IS REQUIRED ON ROOF
SLOPES GREATER THAN 4:12.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W ASTM D 226,
TYPE 1, OR ASTM D 4898, 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 STRIPS OR BE INTERLOCKING,
AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS
STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK 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 LESS THAN 3/4" THICK, THE NAILS 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 ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 167-85.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

1. STARTING AT THE EAVE, A 18 INCH STRIP 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 18-INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 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 FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFG'S
INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION
RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL
SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQ. FEET.
CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM
NOMINAL THICKNESS OF 0.019 INCH.

VALLEY:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S
INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY
LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR GUTTER VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE
AT LEAST 18" WIDE AND OF ANY OF THE CORROSION RESISTANT MATERIALS
AS LISTED IN SECTION 05.07.02.2.
2. FOR GUTTER VALLEYS LINED WITH TWO PLYS OF MINERAL SURFACE
ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18
INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR GUTTER VALLEYS LINED WITH ASPHALT SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COINTEGRATED.
2. ONE PLY OF SMOOTH ROLL, COINTEGRATED AT LEAST 36 INCHES WIDE AND
COMPLYING WITH ASTM D 226.
3. SPECIAL UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING
WITH ASTM D 1970.

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

GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 30 AR
HERITAGE 40 AR
HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161
TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING
4 NAILS/SHINGLE

REVISIONS
June 14, 2022

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

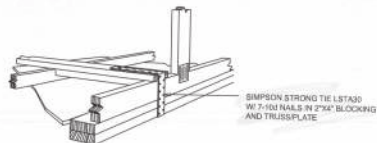
THE MODEL 1311 FOR:
BEN MARTIN
PROJECT ADDRESS: LOT 2 MAYFAIR SUBDIVISION UNIT 5, LAKE CITY, FLORIDA

NICHOLAS PAUL GEISLER ARCHITECT
P.C. ■ 1750 NW Brown Rd. ■ Lake City, FL 32055
■ (407) 352-4355 ■

JOB NUMBER
20220607

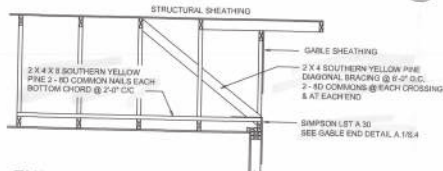
SHEET NUMBER

OF 4 SHEETS



GABLE END GYPSUM DIAPHRAGM HOLDDOWN 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

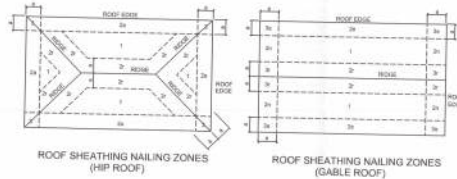
WIND SPEED (MPH)	WIND EXPOSURE	WIND DIRECTION	BUILDING COMPONENTS & CLADDING LOADS			
			WIND PRESSURE (PSF)	WIND SUCTION (PSF)	WIND PRESSURE (PSF)	WIND SUCTION (PSF)
7	1	0	1.0	0.0	1.0	0.0
10	1	0	1.5	0.0	1.5	0.0
13	1	0	2.0	0.0	2.0	0.0
16	1	0	2.5	0.0	2.5	0.0
20	1	0	3.0	0.0	3.0	0.0
23	1	0	3.5	0.0	3.5	0.0
26	1	0	4.0	0.0	4.0	0.0
30	1	0	4.5	0.0	4.5	0.0
33	1	0	5.0	0.0	5.0	0.0
37	1	0	5.5	0.0	5.5	0.0
40	1	0	6.0	0.0	6.0	0.0
43	1	0	6.5	0.0	6.5	0.0
47	1	0	7.0	0.0	7.0	0.0
50	1	0	7.5	0.0	7.5	0.0
53	1	0	8.0	0.0	8.0	0.0
57	1	0	8.5	0.0	8.5	0.0
60	1	0	9.0	0.0	9.0	0.0
63	1	0	9.5	0.0	9.5	0.0
67	1	0	10.0	0.0	10.0	0.0
70	1	0	10.5	0.0	10.5	0.0
73	1	0	11.0	0.0	11.0	0.0
77	1	0	11.5	0.0	11.5	0.0
80	1	0	12.0	0.0	12.0	0.0
83	1	0	12.5	0.0	12.5	0.0
87	1	0	13.0	0.0	13.0	0.0
90	1	0	13.5	0.0	13.5	0.0
93	1	0	14.0	0.0	14.0	0.0
97	1	0	14.5	0.0	14.5	0.0
100	1	0	15.0	0.0	15.0	0.0
103	1	0	15.5	0.0	15.5	0.0
107	1	0	16.0	0.0	16.0	0.0
110	1	0	16.5	0.0	16.5	0.0
113	1	0	17.0	0.0	17.0	0.0
117	1	0	17.5	0.0	17.5	0.0
120	1	0	18.0	0.0	18.0	0.0
123	1	0	18.5	0.0	18.5	0.0
127	1	0	19.0	0.0	19.0	0.0
130	1	0	19.5	0.0	19.5	0.0
133	1	0	20.0	0.0	20.0	0.0
137	1	0	20.5	0.0	20.5	0.0
140	1	0	21.0	0.0	21.0	0.0
143	1	0	21.5	0.0	21.5	0.0
147	1	0	22.0	0.0	22.0	0.0
150	1	0	22.5	0.0	22.5	0.0
153	1	0	23.0	0.0	23.0	0.0
157	1	0	23.5	0.0	23.5	0.0
160	1	0	24.0	0.0	24.0	0.0
163	1	0	24.5	0.0	24.5	0.0
167	1	0	25.0	0.0	25.0	0.0
170	1	0	25.5	0.0	25.5	0.0
173	1	0	26.0	0.0	26.0	0.0
177	1	0	26.5	0.0	26.5	0.0
180	1	0	27.0	0.0	27.0	0.0
183	1	0	27.5	0.0	27.5	0.0
187	1	0	28.0	0.0	28.0	0.0
190	1	0	28.5	0.0	28.5	0.0
193	1	0	29.0	0.0	29.0	0.0
197	1	0	29.5	0.0	29.5	0.0
200	1	0	30.0	0.0	30.0	0.0
203	1	0	30.5	0.0	30.5	0.0
207	1	0	31.0	0.0	31.0	0.0
210	1	0	31.5	0.0	31.5	0.0
213	1	0	32.0	0.0	32.0	0.0
217	1	0	32.5	0.0	32.5	0.0
220	1	0	33.0	0.0	33.0	0.0
223	1	0	33.5	0.0	33.5	0.0
227	1	0	34.0	0.0	34.0	0.0
230	1	0	34.5	0.0	34.5	0.0
233	1	0	35.0	0.0	35.0	0.0
237	1	0	35.5	0.0	35.5	0.0
240	1	0	36.0	0.0	36.0	0.0
243	1	0	36.5	0.0	36.5	0.0
247	1	0	37.0	0.0	37.0	0.0
250	1	0	37.5	0.0	37.5	0.0
253	1	0	38.0	0.0	38.0	0.0
257	1	0	38.5	0.0	38.5	0.0
260	1	0	39.0	0.0	39.0	0.0
263	1	0	39.5	0.0	39.5	0.0
267	1	0	40.0	0.0	40.0	0.0
270	1	0	40.5	0.0	40.5	0.0
273	1	0	41.0	0.0	41.0	0.0
277	1	0	41.5	0.0	41.5	0.0
280	1	0	42.0	0.0	42.0	0.0
283	1	0	42.5	0.0	42.5	0.0
287	1	0	43.0	0.0	43.0	0.0
290	1	0	43.5	0.0	43.5	0.0
293	1	0	44.0	0.0	44.0	0.0
297	1	0	44.5	0.0	44.5	0.0
300	1	0	45.0	0.0	45.0	0.0

A.1

A

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	3/4" x 8" S&S OR 1/2" x 6" S&S PLYWOOD	16d S&S NAIL	6" x 6" EDGE 12" x 12" FIELD
2	3/4" x 8" S&S OR 1/2" x 6" S&S PLYWOOD	16d S&S NAIL	6" x 6" EDGE 12" x 12" FIELD

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BUILDING HEIGHT (FT)	EXPOSURE 1	EXPOSURE 2	EXPOSURE 3
5	1.0	1.0	1.0
10	1.0	1.0	1.0
15	1.0	1.0	1.0
20	1.0	1.0	1.0
25	1.0	1.0	1.0
30	1.0	1.0	1.0
35	1.0	1.0	1.0
40	1.0	1.0	1.0
45	1.0	1.0	1.0
50	1.0	1.0	1.0
55	1.0	1.0	1.0
60	1.0	1.0	1.0
65	1.0	1.0	1.0
70	1.0	1.0	1.0
75	1.0	1.0	1.0
80	1.0	1.0	1.0
85	1.0	1.0	1.0
90	1.0	1.0	1.0
95	1.0	1.0	1.0
100	1.0	1.0	1.0

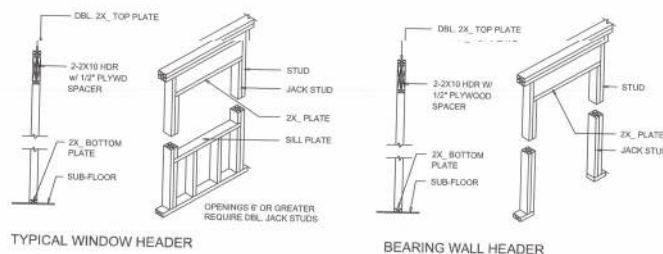
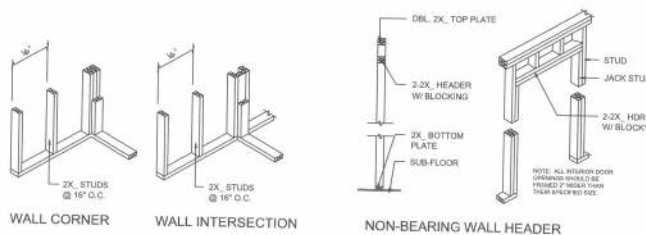


Roof Nail Pattern DET.

SCALE: NONE

B

HEADER SPANS FOR EXTERIOR BEARING WALLS					
SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)			
		SPAN	# JACKS	SPAN	# JACKS
ROOF, CEILING	2x4	3'-0"	1	3'-0"	1
	2x6	5'-0"	1	5'-0"	1
	2x8	8'-0"	1	8'-0"	1
	2x10	12'-0"	1	12'-0"	1
	2x12	16'-0"	1	16'-0"	1
	2x4	3'-0"	1	3'-0"	1
	2x6	5'-0"	1	5'-0"	1
	2x8	8'-0"	1	8'-0"	1
	2x10	12'-0"	1	12'-0"	1
	2x12	16'-0"	1	16'-0"	1
	2x4	3'-0"	1	3'-0"	1
	2x6	5'-0"	1	5'-0"	1

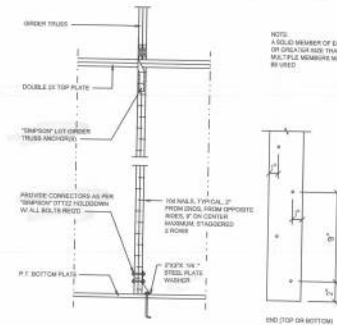


Wall Framing/Header DETAILS

SCALE: NONE

F

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



Girder Truss Column DET.

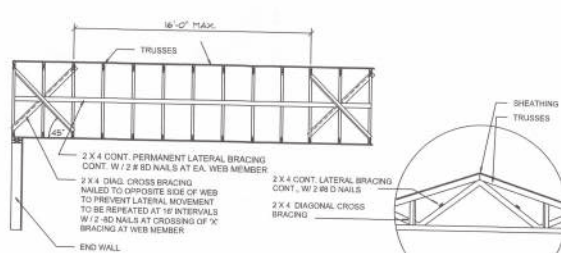
SCALE: 1/2" = 1'-0"

***WINDFORM ALT. SHEATHING METHOD:**
ALTERNATE METHOD FOR ANCHORING THE TOP WALL PLATE. THE FORMATION SHALL BE OF THE TYPE SHOWN OR ON OTHERS NOTED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT. WALL ALONGING GUTTER LINE.
1. APPLY VERTICALLY "WINDFORM" TOP CHORD @ 2' x 8" OR 1" x 10" OR 1" x 12" BRACING. FASTEN TO THE TOP PLATE AND THE WALL PLATE WITH STEEL BRACING @ 12" x 12" OR 1" x 10" OR 1" x 12" @ 4' O.C. FASTEN TO EACH BRIDE WITH OTHER 2" x 8" OR 2" x 10" OR 2" x 12" @ 4' O.C.

Alternate "Tilt" ball concrete anchor system
ANCHOR WALL PLATE WITH 1" x 12" STEEL ANCHOR BOLT, PLACED AT 4' O.C. ALONG PERIMETER OF PLATE AND ALL EXTERIOR BEARING WALLS. (SEE 4' CHART)

REVISIONS
June 14, 2022

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



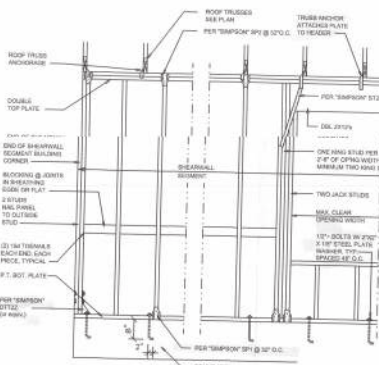
TYP. PERMANENT TRUSS BRACING DIA.

NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS

SCALE: AS NOTED

D



SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY 905-1401 (S&S) AND 905-1402 (S&S).
- THE WALL SHALL BE EXTERIORLY SHEATHED WITH 1/2" x 8" S&S INCLUDING AREAS ABOVE AND BELOW (W/ 12" x 8" S&S INCLUDING AREAS ABOVE AND BELOW OPENINGS).
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH 16d S&S NAILS (W/ 12" x 8" S&S INCLUDING AREAS ABOVE AND BELOW OPENINGS).
- WALL SPACING SHALL BE 4' O.C. (S&S) AND 8' O.C. (W/ 12" x 8" S&S).
- TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING 1/2" x 8" S&S (W/ 12" x 8" S&S) OF OPENING SHALL BE 2" x 10" STEEL PLATE BRACING (TYP.) SPACING 4' O.C.

OPENING WITH:

WALL PLATE	1/2" x 8" S&S	1/2" x 10" S&S
UP TO 8' x 8'	1	1
8' x 10' x 8'	2	2
8' x 10' x 10'	3	3

Shear Wall DETAILS

SCALE: NONE

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THE MODEL 1311 FOR
BEN MARTIN
PROJECT ADDRESS: LOT 2 MAYFAIR SUBDIVISION UNIT 1, LAKE CRYSTAL, FLORIDA

ARCOCCO

NICHOLAS PAUL BEILKE
ARCHITECT
1700 NW 13th Ave, Suite 100
Fort Lauderdale, FL 33304
(954) 368-4335

JOB NUMBER
20220607

SHEET NUMBER
S.4
OF 4 SHEETS