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SOIL CHEMICAL BARRIER METHOD

. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL SE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1042.6

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

, IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY IEADS SHALL NOT BE INSTALLED WITHIN I'-O" FROM BUILDING SIDE WALLS. BC 1503.4.4

XCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" HICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.16

. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL OVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".

PROTECTION NOTES:

NTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-YGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH UL Design U333", INCLUDING R-11 BATT INSULATION.

ARAGES W/ LIVING GWB ON IX3 WOOD LEHEAD SCREWS

NTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COM-PLIANCE WITH "UL Design U333", BATT INSULATION SHALL BE NCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED ROM HEATED / COOLED AREA.

. WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL PRESSURE TREATED.

INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED THE BUILDING OFFICIAL.

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LAVATORY	LAY.	EITH	€
INTERIOR	Z T	DIAMETER	*
INSULATION	NS.	EQUALS	11
HORIZONTAL	HOKZ	NUMBER or POUND(S)	*
GALVANIZED	GALY.	AT	ø

CENTERLINE

MAXIMUM

BY OTHERS CEILING. LEANOUT PENNY ON CENTER PLYWOOD OVERHEAD ROUGH OPENING PRESSURE TREATED HEINFORCING (ED) 5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
1. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3

FIREBLOCKING

NOTES:

TRATIONS

OFFIT/DROPPED CLG.

ONE INCH

Mo. or Nr.

MASONRY OPEN MISCELLANEOUS

ONE FOOT

PLUS OR MINUS

EDLOCKING SHALL BE INSTALLED

IN WOOD FRAME CONSTRUCTION IN THE

IN CONCEALED SPACES OF STUD WALLS SPACES AT CEILING AND FLOOR LEVELS.

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II. 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 1816.16 8. MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6 REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT.

IB. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN IB'- θ " OF ANY BUILDING OR PROPOSED BUILDING. FBC 23 θ 3.1.4 14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-Ø" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.13 IS, A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPART. MENT BY *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 CONSTRUCTS SERVICES". FBC 1816.1.7

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Stopping

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ALE: NONE

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.

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QUARE FEET

IDING GLASS DOOR

LEVATION

WANNEE RIVER LOG

RENCH (DOORS

ERTICAL

AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"

AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.

NER AGAINST ALL DR PROPERTY D WITH THE WORK S PROJECT. PROJECT INFORMATION / NOTES:

AL INJURY OR ASSOCIATED

GENERAL NOTES:

DESIGN VALUES/LOADS & CODES WIND DESIGN SPEED: 130 MPH, UNLESS NOTED

SOIL DESIGN STATEMENT: FOOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSURE PRO-VIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS ICE CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFACATIONS.

THE CONTRACTOR AND/OR SUB-CONTRACTORS RANT ALL WORK FOR A PERIOD OF ONE YEAR DATE OF FINAL COMPLETION AND ACCEPTANCE DEFECTS IN MATERIALS, EQUIPMENT, COMPONEN MANSHIP SHALL BE CORRECTED AT NO FURTHE OWNER DURING THE ONE YEAR WARRANTY PER

AR FOLLOWING THE AR FOLLOWING THE NCE BY THE OWNER.
NENTS AND WORK-THER COST TO THE

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 40PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: 2020 FLORIDA BUILDING CODE

ESENT DURING THIS

MITS, LICENSES, D BY THE VAR-IR THIS PROJECT

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - 2014 LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS
AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS.
SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS LEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT ONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL ABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO BE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SECIFICATION ON THE PLANS.

Footing:

ALL WORK SHALL BE IN ACCORDANCE W/ APPL AND LOCAL REGULATIONS, INCLUDING APPLICA CODES. ALL COMPONENTS OF THE BUILDING SH THE MINIMUM ENERGY REQUIREMENTS OF THE BU ANY DISCREPANCIES SHALL BE REPORTED TO IN WRITING PRIOR TO THE COMMENCEMENT OF TI

ANY AND ALL DISPUTES ARISING FROM EVEN. WITH THE CONSTRUCTION OF THIS PROJECT BE DUNER, CONTRACTOR(S) AND SUPPLIERS SHA THROUGH BINDING ARBITRATION.

NTS ASSOCIATED SETWEEN THE ALL BE RESOLVED

HE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR O THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) HALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LEVE AND THE CONTRACTOR (S)

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TYPE OF CONSTRUCTION Roof: Gable Construction, Wood Trusses © 24" O.C. Walls: 2x4 Wood Studs © 16" O.C. Floor: 4" Thk Concrete Slab W/ Fibermesh Concrete Foundation: Continuous Stemwall Footer

SOOF DECKING 1/2" CD Plywood or 7/6" O.S.B. ie: 48"x96" Sheets Perpendicular to Roof Framing: 8d Ring Shank Nails per schedule on sheet A.7

ARWALLS

Material: 1/16" O.S.B. "WindSTORM": 48" × 91", 109", 121" OR 145"

Sheet Size: 48"×91" (109", 121" OR 145") Sheets Flaced Vertical

Fasteners: 8d Ring Shank Nails & 4" O.C. Edges & 8" O.C. Interior

Dragstrut: Double Top Flate (5.Y.F.) W/2 - 16d Nails & 12" O.C.

Wall Studs: 2x4 SPF Studs & 16" O.C.

FOOTINGS AND FOUNDATIONS
Footing: 20"X|2" Cont. W/2-#5 Cont. RICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H25a & Ea. Truss End (Typ. U.O.N.)

Wall Tension: Wall Sheathing Nailing is Adequate - 8d & 4"

Anchor Bolts: 1/2" A3ØT & 48" O.C. - 1st Bolt 8" from corne

Corner Hold-down Device: Simpson HD2a, ea. corner

NOTE: "SEMCO" PRODUCT APPROYAL: MIAMI/DADE COUNTY REPORT *35-0818.15

UNLISTED JOINTS IN THE LOAD PATH SHALL SON A34 FRAMING ANCHORS, TYPICAL T.O.

BE REINFO

NOTE: REFER TO THE INCLUDED STRUCTURAL I JOINT REINFORCEMENT AND FASTENERS

DETAILS FOR ADDITIONAL

ANCHORS/

ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE FACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT *31-0101.05, SBCCI NER-443, NER-393

#96-1126.11, #99-

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ZONE	
AREA	
MHH Oll	BUILDING O
Yult 120 MPH	BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 300', EXPOSURE " ROOF ANGLE TO 2T"
Yult 130 MPH	3 & CLADDING LOAD - = 300', EXPOSURE
Vult 140 MPH	OSURE "B"

GENERAL

UNITAN

BUNDALE

UMBER OF NAILS FOR CONNECTING WOOD

BRIDGING TO JOIST, TOE NAIL
2" SUBFLOOR TO JOIST,
BLIND & FACE NAILING
SOLE PLATE TO JOIST OR BLOCKING
FACE NAILED
TOP OR SOLE PLATE TO STUD
END NAILED
STUD TO SOLE PLATE, TOE NAILED
DOUBLE STUDS, FACE NAILED
DOUBLE TOP PLATES, FACE NAILED
TOP PLATES - LAPS & INTERSECTIONS
FACE NAILED
IX 6 SHEATHING TO EACH POINT
OF BEARING, FACE NAILED
BUILT-UP CORNER STUDS, FACE
NAILED
BUILT-UP GIRDERS * ""

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FOR BUILD	FOR BUILDING COMPONENTS & CLADDING EXPOSURE EXPOSURE	EXPOSURE
HGH BLDG	"B" EXPOSURE	"C" EXPOSURE
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] <u>Ø</u> Ø	129
]. ØØ	135
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OSURE

OSB SHEATHING, 7/16" THICK

 $\overset{\mathcal{O}}{\alpha}$

30" O.C. a

TOP * BOTTOM

* STAGGERRED 2 a EA, END

* a SPLICES
6" O.C. a EDGES

INTERMEDIATE
6" O.C. a EDGES

INTERMEDIATE
3" O.C. a EDGES

NITERMEDIATE
3" O.C. a EDGES

NITERMEDIATE
3" O.C. a EDGES

NITERMEDIATE
3" O.C. a EDGES

FIBERBOARD

SHEATHING

STRUCTURAL DESIGN CRITERIA:

I. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE BUILDING CODE - SECTION 1609 AND OTHER REFERENCED SPECIFICATIONS SHALL AT TIME OF PERMIT. : 2017 FLORIDA) CODES AND . BE LATEST EDITION

3. ROOF DESIGN LOADS: SUPERIMPOSED DEAD LOADS: SUPERIMPOSED LIVE LOADS: . BASED ON ANSI/ASCE 1-10. 2011 FBC 1609-A WIND WIND LOAD CRITERIA: RISK CATAGORY: 2

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CILUING SHALL NOT BE CONSIDERED LEREIN.

AN ACCEPTABLE

CONNECTOR IN

SHALL

HERRE SHALL BE NOT LESS THAN 2 NAILS FER

GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DISANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED FERETO, OR GREATER.

ILS, BOLTS AND OTHER METAL CONNECTORS CATIONS EXPOSED TO THE WEATHER SHALL HERWISE CORROSION RESISTANT.

ARE USED IN

20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS:
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL
BALCONIES ... 25 PSF

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NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.

NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL CLINCHED, WHEREVER POSSIBLE.

ORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, AVE THE NUMBER OF NAILS INSTALLED AS REQUIRED BY THE IANUFACTURER, OR AS DIRECTED BY THE PLANS.

WIND NET UPLIFT: ARE AS INDICATED ON TRUSS SHOP

DRAWINGS

SYMBOLS ARE MOST OFTEN ENCOUNTERED IN THE FOR DRAWINGS: ELEVATIONS, DIMENSION PLANS, SECTIONS & STRUCTURAL PLANS

LLOWING

ABTE A ABTB A CATION

TYPE OF ELEVATION MARK TO INDICATE A PREFERRED ELEVATION - TRUE MEASUR TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOGWALL STACK - NOMINAL ONLY.

TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW IC: SECTION "A" FOUND ON "D.6:a" OF THE PROJECT MANUAL TYPE OF DETAIL MARK USED TO INDICATE A SECTION ie: SECTION "A" ON SHEET "A.5", TAIL INDICATES DIRECTION OF VIEW

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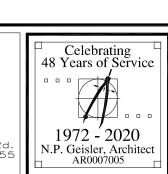
Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US
O = AR0007005 OU = ARCHITECT
Date: 2021.01.18 15:00:37 -05'00'

28 OCT 2大2093 2020



1758 NW Brown Rd. Lake City, FL 32055 386-365-4355

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CUSTOM RESIDENTIAL DESIGN for 36 AREA

RAMING ANCHOR SCHEDULE

APPLICATION

TRUSS TO WALL:
GIRDER TRUSS TO POST/HEADER:
HEADER TO KING STUD(S):
PLATE TO FOUNDATION:
PORCH BEAM TO POST:
PORCH POST TO FND.:
MISC. JOINTS

MANUFIRMODEL
SIMPSON H2.5a
SIMPSON LGT, W/ 28 - 16
SIMPSON ST22
5/8"+ THRU-BOLT
SIMPSON PC44/EPC44
SIMPSON ABU44
SIMPSON A34 16d NAILS CAP. 535* 1185* 1310* 3340* 1100* 2200*

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18 JAN 2021

COLUMBIA COUNTY, FLORIDA STRUCTURAL INFORMATION