

NTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN CPLIANCE WITH "UL Design U333", BATT INSULATION SHALL INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPAFROM HEATED / COOLED AREA.

COM-L BE ARATED

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

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THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY EINING

THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENS IESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROBE THEY CITY, COUNTY, STATE OR FEDERAL.

ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE ENE AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENE CODES. ALL COMPONENTS OF THE BUILDING SHALL MEE THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING O ANY DISCREPANCIES SHALL BE REPORTED TO THE ARC ANY DISCREPANCIES SHALL BE REPORTED TO THE WORK

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

. WOOD IN CONTACT WITH CONCRETE OR MASONRY PRESSURE TREATED.

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ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCI. WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE DWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RES THROUGH BINDING ARBITRATION.

SOLVED

CHANGES TO FINAL PLAN SETS

ATED

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.

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.

HEARWALLS

Material: 1/16" O.S.B. "WindSTORM": 48" X 91", 109", 121" OR 145" Sheet Size: 48"x91" (109", 121" OR 145") Sheets Placed Vertical Fasteners: 8d Ring Shank Nails & 4" O.C. Edges & 8" O.C. Interioral Dragstrut: Double Top Plate (S.Y.P.) W/2 - 16d Nails & 12" O.C. Wall Studs: 2x4 SPF Studs & 16" O.C.

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST LIFE SAFETY: NFPA-IØI - LATEST

BUILDING CODE: 2014 FLORIDA BUILDING CODE

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

TYPE OF CONSTRUCTION

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BULE

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

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

MANUFIR/MODEL
SIMPSON H2.5a
SIMPSON LGT, W/ 28 - 16
SIMPSON ST22
5/8"+ THRU-BOLT
SIMPSON PC44/EPC44
SIMPSON ABU44
SIMPSON A34

CAT.
535*
1785*
1785*
1310*
13340*
2200*

ROOF DECKING

Material: 1/2" CD Plywood or 1/16" O.S.B. Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing Fasteners: 8d Ring Shank Nails per schedule on sheet A.T

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

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

PROJECT INFORMATION / NOTES:

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FIREBLOCKING NOTES:

IBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE

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

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.

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.

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 -BC 1816.1.7

PROTECTION NOTES

SOIL CHEMICAL BARRIER METHOD:

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 10426
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 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". IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY ADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. C 1503.4.4

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 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

IS. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT 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 CONSUMER SERVICES". FBC 1816.1.7

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Stopping

LEVATION

ER LOG HOMES

-IDING GLAS

RENCH (DOORS

IB. NO WOOD, YEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN IB'-O" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4 14. AFTER ALL WORK 16 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

UNITIAN

FOOTINGS AND FOUNDATIONS
Footing: 20"X12" Cont. W/2-#5 Cont

Footing:

RICANE UPLIFT CONNECTORS

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

Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C.

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

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

NOTE: "SEMCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #35-0818.15

'SIMPSON" PRODUCT APPROVALS: MAMI/DADE COUNTY REPORT *31-0101.05, 3BCCI NER-443, NER-393

-1126.11, #99-

REFER TO THE INCLUDED STRUCTURAL I

DETAILS FOR ADDITIONAL

ANCHORS/

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

BE REINFO

ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE UFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERW

WALL	ROOF 1° TO 27°		
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218 / -236 208 / -226 195 / -213 218 / -291 208 / -272	12.5 / -34.7 11.4 / -31.9 10.0 / -28.2 12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	110 MPH 12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	
25.9 / -34.1 24.1 / -26.9 23.2 / -25.4 25.9 / -34.1 24.1 / -32.4	4.9 / -4 3 3.6 / -38.0 1.9 / -33.6 4.9 / -6 .0 3.6 / -51.1 1.9 / -5 .8	120 MPH 14.9 / -23.7 13.6 / -23.0 11.9 / -22.2	
30.4 / -33.0 29.0 / -316 27.2 / -29.8 27.2 / -29.8 30.4 /-40.7 29.0 / -38.0	15 / -48,4 6.0 / -44.6 3.9 / -39,4 15 / -11.6 6.0 / -61.0 3.9 / -60.8	130 MPH 11.5 / -21.8 16.0 / -21.0 13.9 / -26.0	#
35.3 / -38.2 33.7 / -36.1 31.6 / -34.6 35.3 / -41.2 35.3 / -44.0	203 / -562 18.5 / -51.1 16.1 / -45.1 203 / -83.1 18.5 / -11.1 16.1 / -10.5	140 MPH 20.3 / -32.3 18.5 / -31.4 16.1 / -30.2	COMPE "B"

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	שישיש -	444	๛๛๛	222		ZONE	
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XPOSURE ,		< ° < 1	12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	12.5 / -34.7 11.4 / -31.9 10.0 / -28.2	12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	Yult Yult	
ADJUSTMEN:	\ \ \ `	<u> </u>	14.9 / -61.0 13.6 / -51.1 11.9 / -51.8	14.9 / -41.3 13.6 / -38.0 11.9 / -33.6	14.9 / -23.7 0.82- / 6.11 222- / 6.11	Yult 120 MPH	MEAN BUILDING HEIGHT ROOF ANGLE 1° TO 21°
T COEFFIC			17.5 / -71.6 16.0 / -67.6 13.9 / -60.8	17.5 / -48.4 16.0 / -44.6 13.9 / -39.4	11.5 / -21.8 16.0 / -21.0 13.9 / -26.0	Yult 130 MPH	= 30,0', EX
ENTS	35.3 / 38.7 /	35.3 / 33.7 /	203 / -83. 0 185 / -11.1 16.1 / -10.5	203 / -562 6 185 / -51.1 16.1 / -45.1	203 / -323 18.5 / -31.4 16.1 / -302	Yult 140 MPH	30.0", EXPOSURE "B"
	HT & EXPOSURE ADJUSTMENT COEFFICE	5 Ø 218 / -29.1 25.9 / -34.1 3Ø.4 / -4Ø.1 35.3 / 5 2Ø.8 / -21.2 24.1 / -32.4 29.Ø / -38.Ø 33.1 / 5 5Ø 19.5 / -24.6 23.2 / -29.3 21.2 / -34.3 31.6 / 2		3 Ø 2.5 / -5 3 4.9 / -6 Ø 7.5 / -7 6 20.3 / 3 20 1.4 / -47.9 3.6 / -51.1 6.0 / -67.0 8.5 / 3 50 0.0 / -43.5 1.9 / -5 8 3.9 / -60.8 6.1 / 4 Ø 21.8 / -23.6 25.9 / -34.1 3.0.4 / -33.0 35.3 / 4 20 20.8 / -22.6 24.7 / -26.9 29.0 / -3 .6 33.7 / 5 Ø 21.8 / -29.1 25.9 / -34.1 3.0.4 / -40.1 35.3 / 5 20 20.8 / -27.2 24.7 / -32.4 29.0 / -38.0 33.7 / 5 50 9.5 / -24.6 23.2 / -29.3 27.2 / -34.3 31.6 / EIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS OR BUILDING COMPONENTS & CLADDING	2 0 25 -34.7 4.9 -4 .3 1.5 -48.4 20.3 2.0 1.4 -3 .9 3.6 -38.0 6.0 -44.6 8.5 2.0 6.0 -28.2 1.9 -33.6 3.9 -39.4 6.1		H Wilt Wil

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SHEATHING, 7/16" THICK

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SHEATHING

BEAMS

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT. WIND LOAD CRITERIA: RISK CATAGORY: 2

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GLUING SHALL NOT BE CONSIDERED LIEU OF THOSE SPECIFIED HEREIN.

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ACCEPTABLE

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THERE SHALL BE NOT LESS THAN 2 NAILS PER

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

AILS, BOLTS AND OTHER METAL CONNECTORS OCATIONS EXPOSED TO THE WEATHER SHALL THERWISE CORROSION RESISTANT.

ARE USED IN

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS:
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL
BALCONIES BASED ON ANSI/ASCE 1-10, 2014 FBC 1609-A WIND

YMBOLS

WIND NET UPLIFT:

ARE AS INDICATED ON TRUSS SHOP DRAWING

... 25 PSF

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

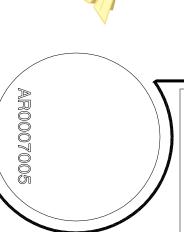
TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGE ELEVATION - TRUE MEASUREMENT. TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOGWALL STACK - NOMINAL ONLY.

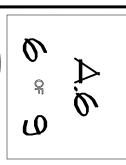
TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW

ABTE A

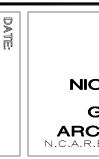
TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW IC: SECTION "A" FOUND ON "D6A" OF THE PROJECT MANUAL TYPE OF DETAIL MARK USED TO INDICATE A SECTION ie: SECTION "A" ON SHEET "A.5", TAIL INDICATES DIRECTION OF VIEW

Digitally signed by: N. P. GEISLER DN: CN = N. P. GEISLER C = US $O = AR0007005 OU \neq ARCHITECT$ Date: 2020.09.03 08:35:52 -05'00'









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NAILS PROJECTING BEYOND THE LAST WOOD CLINCHED, WHEREVER POSSIBLE.

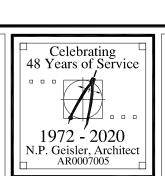
ORMED METAL CONNECTORS, AS PER THE SCHEDULE AVE THE NUMBER OF NAILS INSTALLED AS REQUIRED IANUFACTURER, OR AS DIRECTED BY THE PLANS.

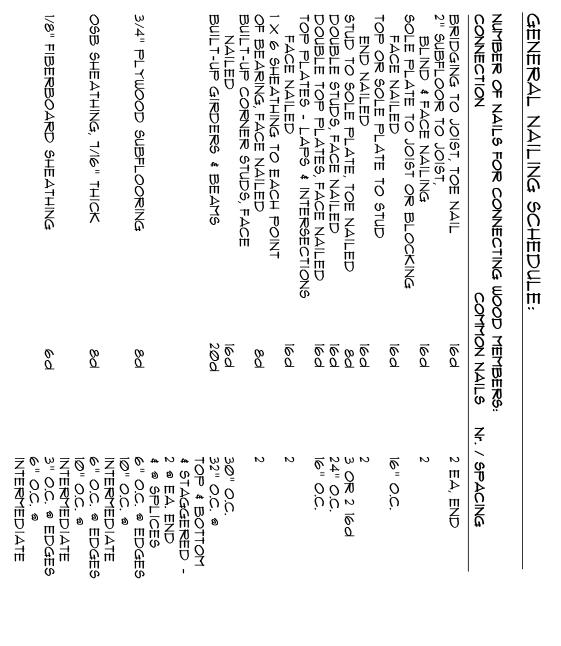
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NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.







6 UNIT APARTMENT BUILDING for: LUNDY CONSTRUCTION BLAKE LAKE CITY, FLORIDA

STRUCTURAL INFORMATION

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