

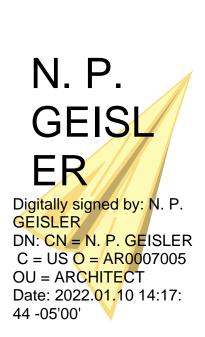
Custom Home Design for:

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Columbia County, Florida

A	AB	A2	<u>></u>		C6.1	
ARCHITECTURAL DETAILS	DIMENSION PLAN, DETAILS	FLOOR PLAN, ELECTRICAL DATA	BUILDING ELEVATIONS		COYER SHEET, DRAWING INDEX	Drawing
						n g
	A.9	Ø	A.T	94	Ø.	
	GENERAL CONSTRUCTION NOTES	ROOF PLAN & DETAILS	WALL SECTION & FRAMING DETAILS	FOUNDATION PLAN & DETAILS	GENERAL STRUCTURAL INFORMATION	Index





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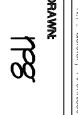


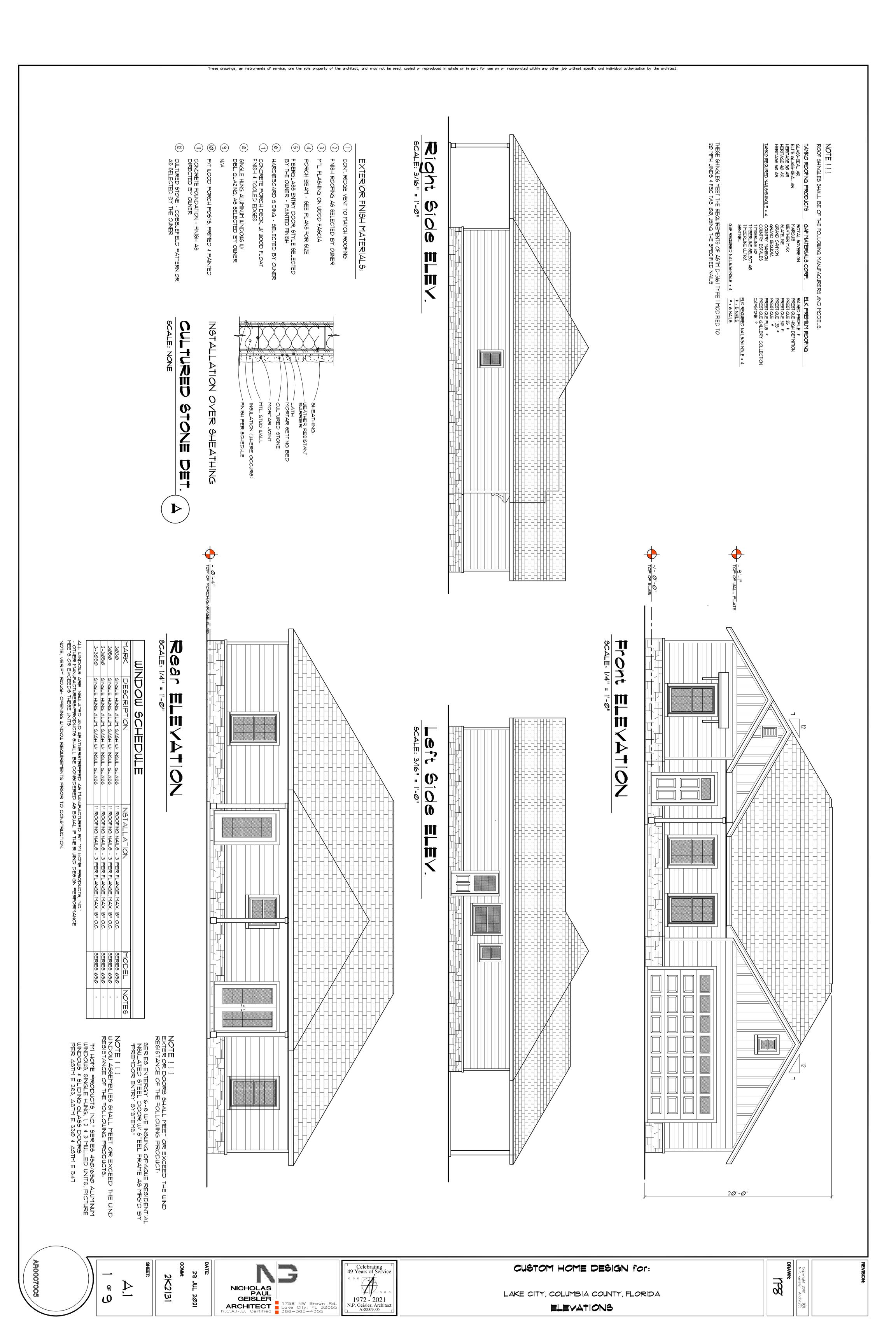






LAKE CITY, COLUMBIA COUNTY, FLORIDA COVER SHEET





\boldsymbol{Q} O O

General Lighting/Recep 2554.5 sf x 3m = Washer Circuit Dishwasher Circuit Sm. Appliance Circuits (

1663.5m 1500.0m 1500.0m 4500.0m

151635m

3*000.0*m 4257.2m

Σ □ -4

S S

Sub-Total lst 3KW @ 100% Bal. of KW @ 35%

MOTOR (SP - SUBMERSIBLE PUMP) WEATHER PROOF DUPLEX WALL

ed Appliances:
Refrigerator
Clg. Fans (6 & 400m)
EWH
Spares (8 & 400m)

1500.0m 2400.0m 45000.0m 3200.0m

114*00.0*m

855*0.0*m

UHD700M Nr 12'0" × 11'8"

5000.0m 8000.0m 3900.0m

327Ø7.2w

Sub-Total Load @ 15% D.F.

NON-FUSED DISC. SWITCH EXHAUST FAN ELECTRICAL PANEL ELECTRICAL PANEL

CHTING

CHANDELIER, 600

FEEDER SIZE: 32707.2m / 240v = USE: 3 #2/0 THW m/ | #| 0% Demand Factor Loads: Dryer Range HVAC System (3.51 Heat F Total Demand Load: 136.3 amperes Cu GND / 21/2" C.

DANEL D Z M ⊢ <u>.</u>= 200A - MLO - 120/240V 40 SLOT - FLUSH MOUNT ₹

DNING AREA

42" RAISED BAR

49TER BEDRO

30" RANGE & HOOD

1-8 10-12 10-1 CONNECTED 0 ... o = <u>\frac{1}{\frac{1}{2}}</u> $\frac{\vec{A}}{\vec{\Sigma}} = \frac{\vec{A}}{\vec{\Sigma}} \cdot \frac{\vec{A}}{\vec{\Sigma$ 41664W 0 0 |

+ HOSE BIBB

DBL. LAMP INC. FLOOD LIGHT

SWITCH/FIXTURE WIRING

WIRE / LOW VOLTAGE

bervice/Feeder Entrance Conductors: 2½" rigid conduit, min. 8" deep, w/ continuous Ground Bonding Conductor, Service/intrance Conductors shall not be spliced except that boited connections at the Meter, Disconnecting Devices and Panel hall be allowed. HYAC CONDENSING UNIT B ALTERNATE LOCATION **型** ① **刊**也有 (-) 8 <u>@</u> **包**見

UHDROOM Nr.

GARAGE 22'Ø" × 23'8"

⊮

WIRE ALL APPLIANCES, HYAC UNITS AND OTHER EQUIP PER MANUF. SPECIFICATIONS.

NSTALLATION SHALL BE PER 2014 NAT'L. ELECTRIC CODE.

PLAN NOTES

CONSULT THE OWNER FOR THE NUMBER

Ą

SEPERATE

ALL RECEPTICALS IN KITCHEN AND BATHS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).

ALL RECEPTICALS, NOT OTHERWISE DESIGNATED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS.

TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

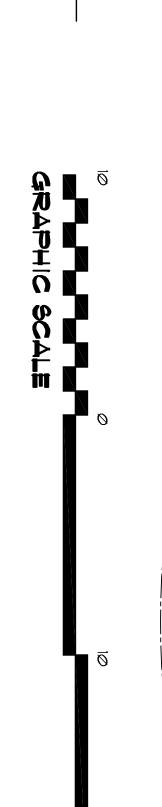
Meter Enclosure, weatherproof, U.L. Listed. Main Disconnect Switch: fused or Main BRKR, wea U.L. Listed.

ce entrance Ground: \(^{\pi}_{\pi}''\) \(\pi\) ron/steel rod \(\pi\) \(\pi''\) long roncrete encased foundation steel rebar \(\pi\) 20''-0" long. ding Conductor shall be bonded to each piece of Service, ce Equipment, and shall be sized per item \(^{\pi}\), below.

PERE SERVICE: 3-*2/0-USE-Cu, 1-*4-Cu-GND, 2" Cor

©ROVIDE ≰ INSTALL CARBON MONOXIDE DETECTORS WITHIN Ø'-Ø" OF ALL BEDROOMS, Ø 12" ABV. FIN. FL., INTERLOCKED

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



TENEMAL INTERIOR FINISH SCHEDULE:

THINSET CERAMIC TILE OR NATURAL STONE, PAT. $\$ COLOR AS SELECTED BY THE OWNER TRIM AS PER DETAIL ON A.3, COLOR AS SELECTED BY THE OWNER OR CERAMIC TILE OR STONE - MATCH WITH FLOORING CARPET AND PAD, PATTERN & COLOR AS PER THE OWNER OR LAMINATE STRIP WOOD - SEE OWNER FOR CHANGES AIN CEILING:

SCALE: NONE

NIOHN

DIAGRAY:

200A

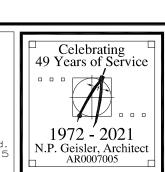
COVES, CROWNS, CASINGS CHAIRAILS AND THE LIKE AS PER DETAIL ON A.3, STAIN & VARNISH OR PAINT COLOR AS SELECTED BY THE OWNER

NOTE! THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

Provide Ground Bond Wire to metal piping, size in with the Service Ground Conductor.

AS SELECTED BY THE OWNER, MINIMUM API GRADE: "CUSTOM" - ALL COUNTERTOPS SHALL BE AS SELECTED BY THE OWNER APPLIED FINISHED TO GWB, IC: SPRAY, KNOCK-DOWN, SKIP-TROWEL AND SIMILAR TREATMENTS AS DIRECTED BY THE OWNER. 5/8" GWB, DIRECT HUNG, TAPED & FINISHED, W/ 2 COATS OF LATEX CEILING PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER 1/2" GWB, PRIMED AND PAINTED 2 COATS LATEX WALL PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER





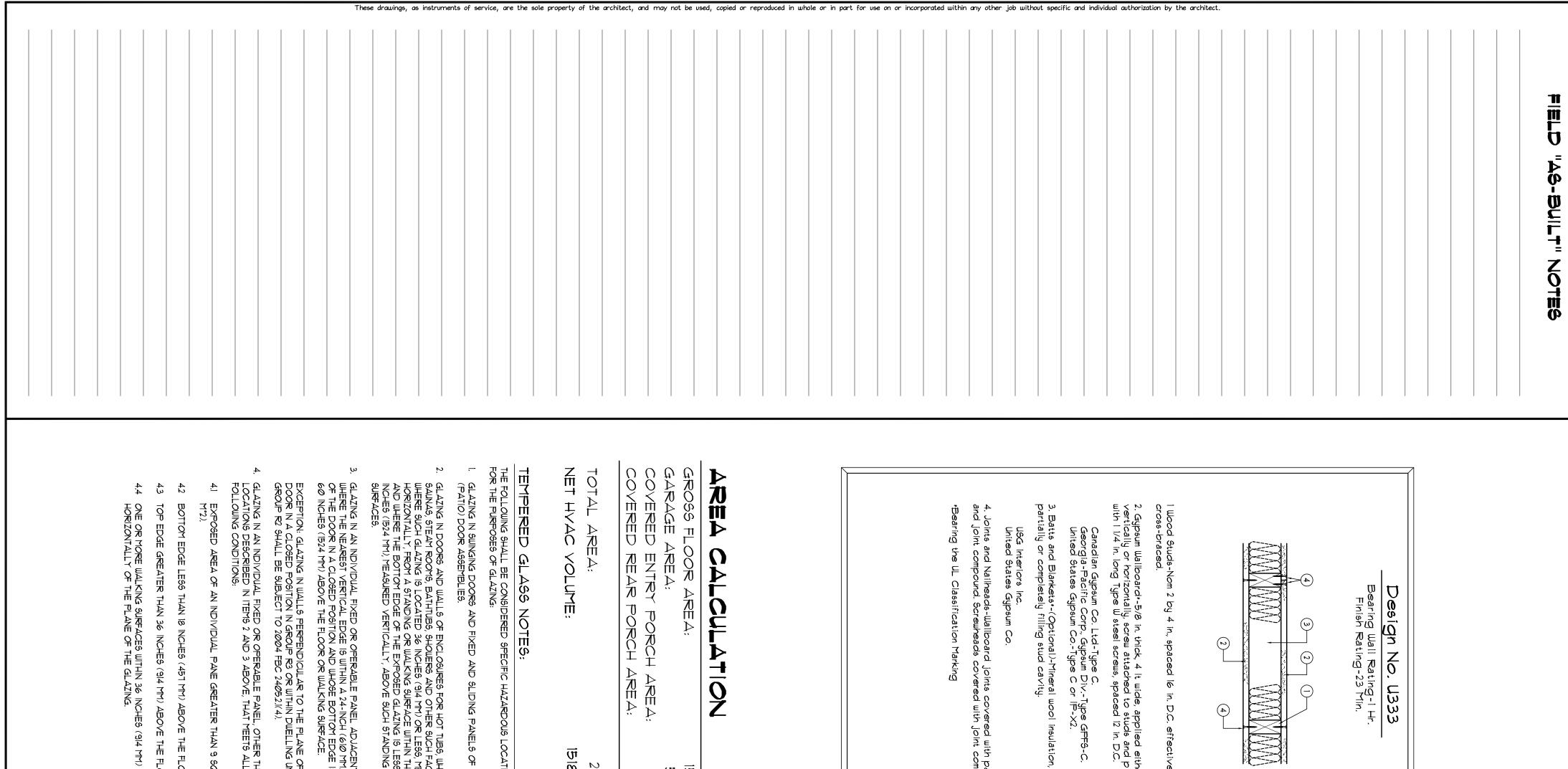


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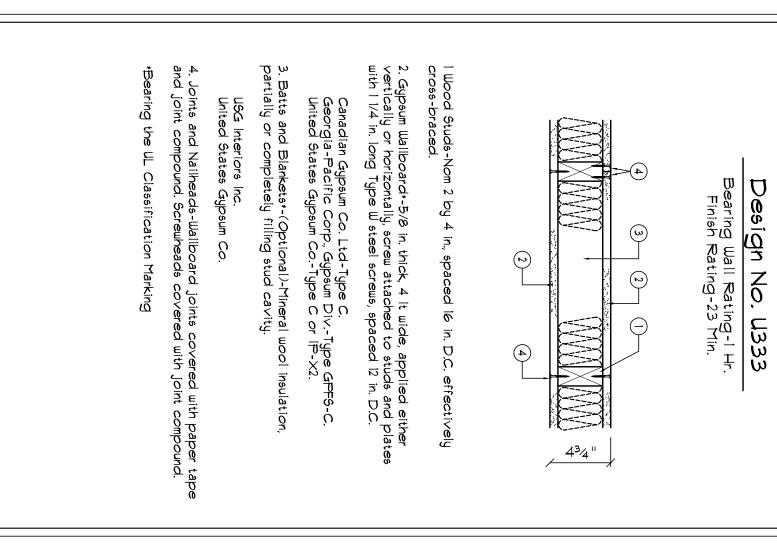
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2大2161



19'-0 1/2"

11'-11 1/2"



18'-6 1/2"

11'-11 1/2"

2'-9"

60'-11"

37'-7"

8'-4"

2'-10"

5'-6" 51/2"

NO LATIONALON

GROSS FLOOR AREA
GARAGE AREA
COVERED ENTRY PO TORCH A \triangleright 15,86,5 SF 54,00,5 SF 12,03 SF 3,01,1 SF

TEMPERED GLASS NOTES:
THE FOLLOWING SHALL BE CONSIDERED SPE
FOR THE PURPOSES OF GLAZING: GLAZING IN SWINGING DOORS AND FIXED (PATIO) DOOR ASSEMBLIES. SPECIFIC I Ŋ N HAZARDOUS LS OF SLIDING

15/83.4 2554.5 SF 1 1 1 1

11'-2"

YOLUME:

GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS, MEASURED HORIZONTALLY, FROM A STANDING OR WALKING SURFACE WITHIN THE ENCLOSURE AND WHERE THE BOTTOM EDGE OF THE EXPOSED GLAZING IS LESS THAN 60 INCHES (1524 MM), MEASURED VERTICALLY, ABOVE SUCH STANDING OR WALKING SURFACES.

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH (610 MM) RADIUS OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES (1524 MM) ABOVE THE FLOOR OR WALKING SURFACE.

EXCEPTION: GLAZING IN WALLS PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION IN GROUP R3 OR WITHIN DWELLING UNITS IN GROUP R2 SHALL BE SUBJECT TO 2004 FBC 24052.1(4).

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 2 AND 3 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:

BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE AREA OF AN INDIVIDUAL PANE GREATER THAN 9 5Q FT (0,84 THE FLOOR.

THE FLOOR.

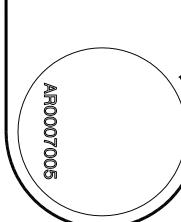
SCALE: 1/4" = 1'-0"

NOTE! ALL EXTERIOR WALLS ARE 2X4 STUDS W/ 1/2" THICK CDX PLYWD. SHEATHING (4") NOTH! ALL INTERIOR PARTITION WALLS ARE 3 1/2" THICK, UNLESS NOTED OTHERWISE,

ATIONS, FLUSH WITH FACE OF KING TO BE 1'-0" A.F.F.

OVERHEAD CABINET

12'-3" 12'-3" 4'-5 3/4" 3'**-**Ø" 18'-5 3/4" 9'-0 5'-1 1/4" 2 18" 2'-0" 5'-6" +/- 0'-0"
TOP OF SLAB 42" RAISED BAR 12'-8 3/4" 10P OF PORCH 8'-10" 11'-5" 3'-3", 8'-8" 11'-3 1/2" 6'-1" 2'-7" 72 23'-11 1/2" 4'-0"0 10'-2" 6'-3 1/2" 4'-4" 2868 4040 22'-1 1/2" 5'-1 1/2" 4'-9 1/2" 16'-8 1/2"

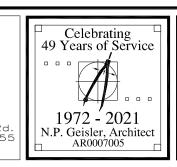


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CUSTOM HOME DESIGN for:

LAKE CITY, COLUMBIA COUNTY, FLORIDA DIMENSION PLAN

60'-11"

48'-9"

3

12'-2"

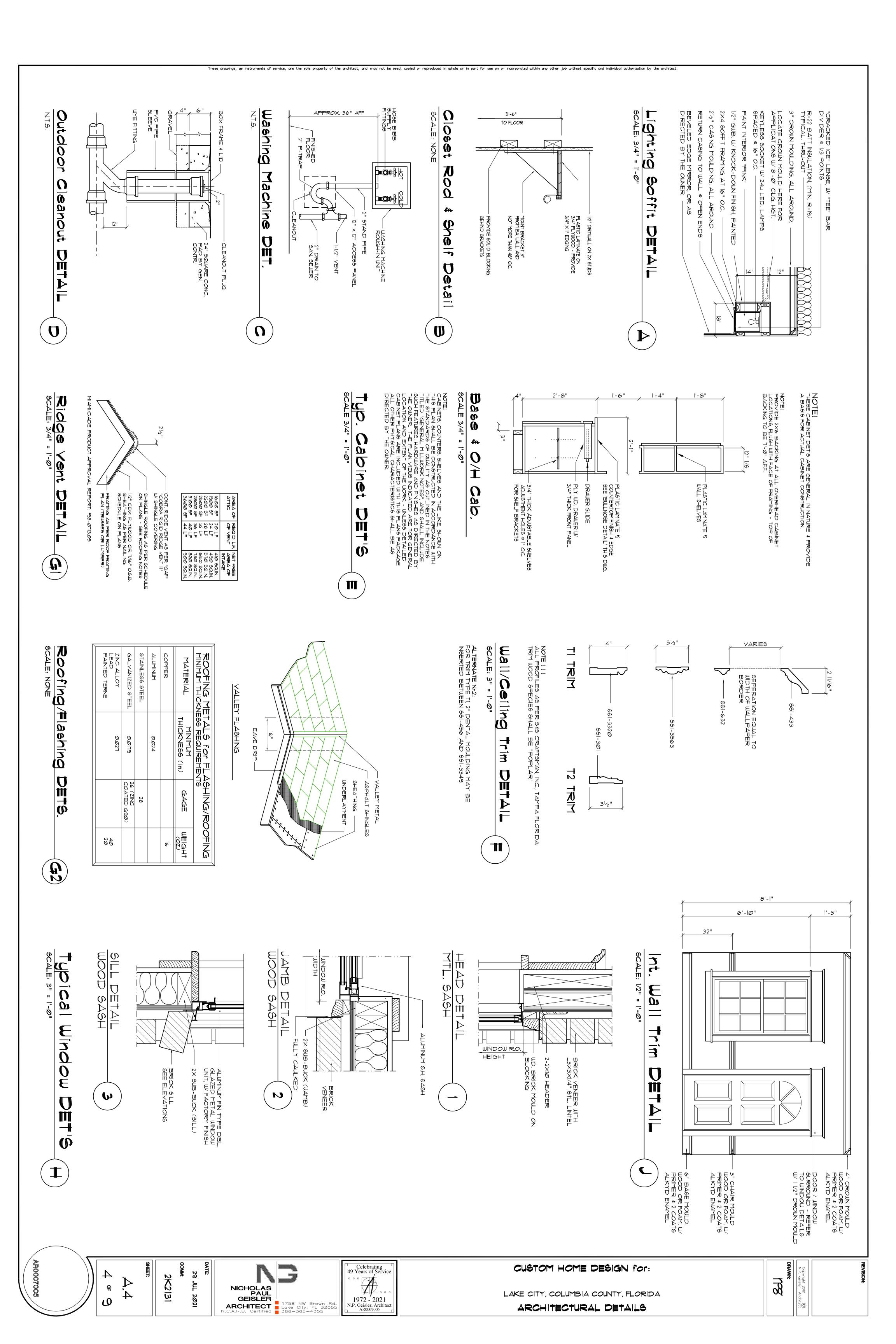
12'-2"

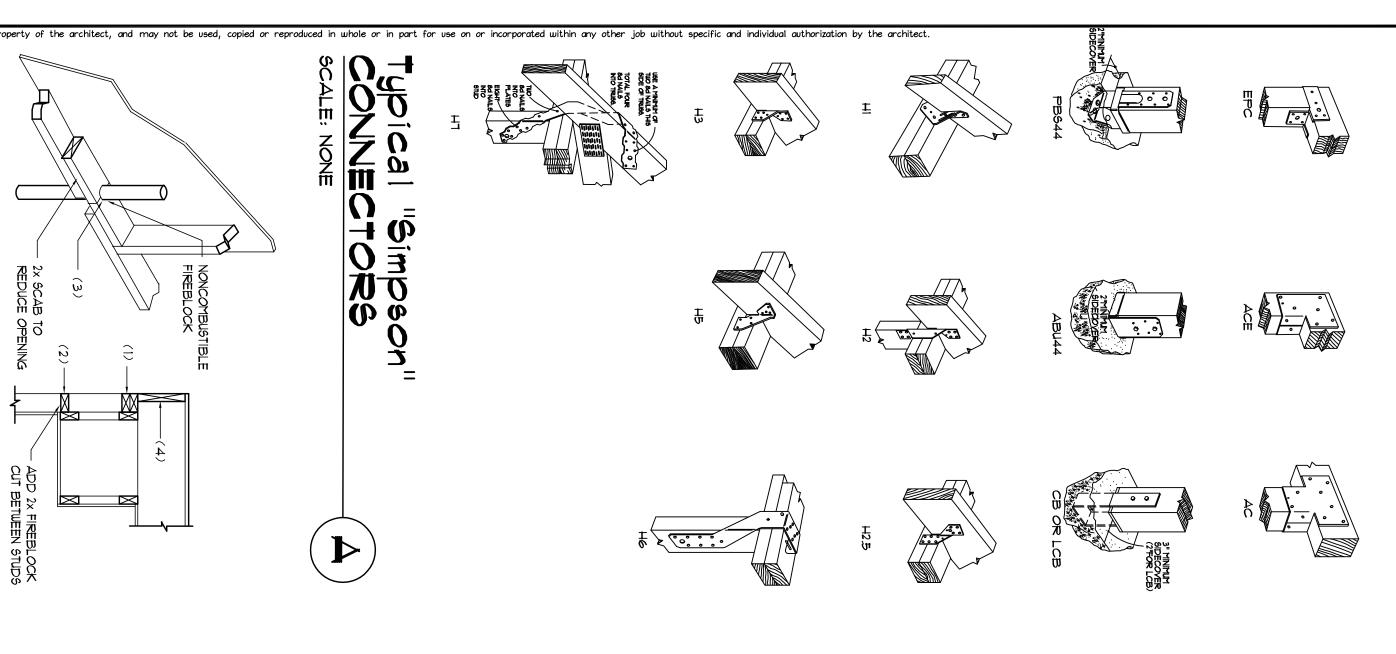
4 3/4"

4 ∄/4"

10P OF PORCH 91

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PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

. 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 104.2.6
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 EADS SHALL NOT BE INSTALLED WITHIN 1'-@" FROM BUILDING SIDE WALLS. 3C 1503.4.4

TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL SVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". (CEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" ICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.16

CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON IX3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS 6" O.C. ALONG EACH POINT OF BEARING.

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

GAR-

			THOUT	WITHOUT CENTERLINE
NS.	N 76	L N 86	Ϋ́Υ Ϋ́Υ Ϋ́Υ Ϋ́Υ Ϋ́Υ Ϋ́Υ Ϋ́Υ Ϋ́Υ	MAX L LAY
	NTERIOR	INTERIOR	INTERIOR LAYATORY LAMINATED VENEER LUMBER	INTERIOR LAVATORY LAMINATED VENEER LUMBER MAXIMUM

BOTTOM BY OTHERS CLEANOUT ONE QUARTER INCH . 0 ₹ 0 \$ N \$ D D D D 3 <u> 후</u> OVERHEAD ON CENTER DOOM LT 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

11. 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 1816.1.6 BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION F TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC DRYS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL LIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. 3C 1816.1.3

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE

FIT/DROPPED CLG.

<u></u>

ONE INCH ONE FOOT

No. or Nr.

INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND YCKFILL IS COMPLETE. FBC 1816.].]
SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED CLUDING SPACES BOXED OR FORMED. FBC 1816.1.2

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

UDING FURRED

12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7 S. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY *LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF COUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION IF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE BUILES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSTER SERVICES". FBC 1816.1.1

Stopping

FOUNDATION

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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EK LOG HOMES

IDING GL,

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<u>10</u>

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.

SCALE: NONE

15. NO WOOD, YEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4 . AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED ROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE TAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING ATERIAL. FBC 2303.13 DESIGN VALUES/LOADS & CODES
WIND DESIGN SPEED: 130 MPH, UNLESS NOTED OTHERWISE PROJECT INFORMATION / NOTES:

THE CONTRAC

NOTES:

THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINS CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPER DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT

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

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

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

AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHAPERFORMED DURING THE ELEVENTH MONTH FOLLOWING COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE FOSE OF DETERMINING ANY WARRANTY WORK THAT MAN REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURINGPECTION IF REQUESTED BY THE OWNER.

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.

THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" TO THE BEGINNING THE THE PROJECT AND THE CONTRASHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASLIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURS OF ANY FUNDS.

' AND ALL DISPUTES ARISING FROM EVENTS ASSOCI 1 THE CONSTRUCTION OF THIS PROJECT BETWEEN TH 1ER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RE 20UGH BINDING ARBITRATION.

TATED

SOLVED

ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.

ALL WOOD IN CONTACT WITH CONCRETE SE PRESSURE TREATED.

OR MASONRY

HALL

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

CIED SPLES

NTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN PLIANCE WITH "UL Design U333", BATT INSULATION SHAL NCLUDED WHERE UNCONDITIONED AREA 15 BEING SEP, ROM HEATED / COOLED AREA.

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

VAR-

CHANGES TO FINAL PLAN SETS
PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

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ENATING

ANCHOR

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APPLICATION

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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

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

SIMPSON H25a SIMPSON LGT, W/ 28 - 16 SIMPSON ST22 5/8"+ THRU-BOLT SIMPSON PC44/EPC44 SIMPSON ABU44 SIMPSON A34

CAP.
535*
1185*
1310*
1300*
1100*
2200*
315*/240*

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

OF DECKING Material: 1/2" CD Plywood or 1/16" 0.5.B. Sheet Size: 48"x36" Sheets Perpendicular to Roof Framing Fasteners: 8d Ring Shank Nails per schedule on sheet A.T

:ARWALLS

RICANE UPLIFT CONNECTORS Material: 1/16" O.S.B. "WindSTORM": 48" \times 97", 109", 121" OR 145" Sheet Size: 48" \times 97" (109", 121" OR 145") Sheets Placed Vertical Fasteners: 8d Ring Shank Nails * * 4" O.C. Edges * 8" O.C. Interi Dragstrut: Double Top Plate (5.Y.P.) \pm 16d Nails * 12" O.C. \pm 131 Studs: \pm 2x4 SPF Studs \pm 16" O.C.

FOOTINGS AND FOUNDATIONS

Footing: 20"X12" Cont. W/2-#5 Cont. \$ wire chairs \$ 48" Truss Anchors: Simpson H2.5a © Ea. Truss End (Typ. U.O.N.)
Wall Tension: Wall Sheathing Nailing is Adequate - 8d © 4" O.C.
Anchor Bolts: 1/2" A3Ø1 © 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

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

BE REINFORCED WITH

TREINFORCEMENT AND FASTENERS

DETAILS FOR

ADDITIONAL

ANCHORS/

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT #31-0101.05, #36: 3BCC1 NER-443, NER-393

-1126.11, #99-0623.04

NEW York York York York York	BUILDING COMPONENTS & CLADDING LOADS 27: MEAN BUILDING HEIGHT = 30.0°, EXPOSURE "B" ROOF ANGLE TO 2T°
Yult	OADS
140 MPH	"B"

	·	= 7° TO 27°	ROOF	LL	WA
ZONE		222	ω ω ω	444	ששש
AREA	200	50 O	50 O	50 0 00 0	Q Q Q
Hdk Øll Ynyt	12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	12.5 / -34.7 11.4 / -31.9 10.0 / -28.2	12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	21.8 / -23.6 20.8 / -22.6 19.5 / -21.3	21.8 / -29.1 20.8 / -27.2 19.5 / -24.6
Yult 120 MPH	14.9 / -23.7 13.6 / -23.0 11.9 / -22.2	14.9 / -41.3 13.6 / -38.0 11.9 / -33.6	14.9 / -61.0 13.6 / -57.1 11.9 / -51.8	25.9 / -34.7 24.7 / -26.9 23.2 / -25.4	25.9 / -34.7 24.7 / -32.4 23.2 / -29.3
Yult 130 MPH	17.5 / -27.8 16.0 / -27.0 13.9 / -26.0	17.5 / -48.4 16.0 / -44.6 13.9 / -39.4	17.5 / -71.6 16.0 / -67.0 13.9 / -60.8	30.4 / -33.0 29.0 / -31.6 27.2 / -29.8	30.4 /-40.7 29.0 / -38.0 27.2 / -34.3
Yult 140 MPH	203 / -323 185 / -31.4 16.1 / -30.2	2 <i>0.</i> 3 / -5 <i>6.</i> 2 18.5 / -51.7 16.1 / -45.7	20.3 / -83.1 18.5 / -77.7 16.1 / -70.5	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6	35.3 / -47.2 33.7 / -44.0 31.6 / -39.8

	1
HEIGHT BLDG	FOR BUILDI
"B"	NG COMPONEN
"C"	HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS
"D"	ICIENTS
	EXPOSURE EXPOSURE

DESIGN CRITERIA

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

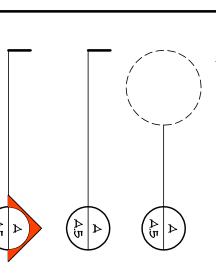
BASED ON ANSI/ASCE 7-10. WIND LOAD CRITERIA: RISK CATAGORY: 2 2020 FBC 1609-A A E E 130 MPH

4. FLOOR DESIGN LOADS: SUPERIMPOSED DEAD LOADS: . SUPERIMPOSED LIVE LOADS: RESIDENTIAL 3. ROOF DESIGN LOADS: SUPERIMPOSED DEAD LOADS: . SUPERIMPOSED LIVE LOADS: 25 PSF . 20 PSF 20 PSF

WIND NET UPLIFT: AS INDICATED ₽

40 PSF

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



TOP OF 19th LOGNOMINAL + 8'-8 1/2" TOP OF SUB-FLOOR TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGE ELEVATION - TRUE MEASUREMENT. TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DET ASSOCIATED WITH A PLAN VIEW TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOGWALL STACK - NOMINAL ONLY.

TYPE OF DETAIL MARK USED TO INDICATE A SECTION ie: SECTION "A" ON SHEET "A.5", TAIL INDICATES DIRECTION OF VIEW

TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW (e: SECTION "A" FOUND ON "D.6a" OF THE PROJECT MANUAL

NUMBER OF NAILS FOR CONNECTING WOOD NAILING MEMBERS: SPACING

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 STUDS, FACE NAILED
TOP PLATES - LAPS & INTERSECTIONS
FACE NAILED

1 X 6 SHEATHING TO EACH POINT
OF BEARING, FACE NAILED
BUILT-UP CORNER STUDS, FACE
NAILED $\bar{\tilde{\phi}}$ 3/4" EATHING, 7/16" THICK GIRDERS # BEAMS Ω ΔV SHEATHING \vec{e} <u>o</u> $\overset{\mathcal{O}}{\wp}$ 0 $\frac{\sigma}{\omega}$ 8 30" O.C. a
TOD * BOTTOM

* STAGGENED 2 a ELA END

* a SPLICES
6" O.C. a EDGES

INTERNEDIATE
6" O.C. a EDGES

INTERNEDIATE
8" O.C. a EDGES . 0, END END

Ä

THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.

Ī

IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DISTANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERETO, OR GREATER.

M

NAILS, BOLTS AND OTHER METAL CONNELOCATIONS EXPOSED TO THE WEATHER OTHERWISE CORROSION RESISTANT.

SHALL SHALL

ATAMIZED OT

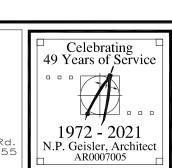
SHALL

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

NAILS PROJECTING BEYOND THE

NICHOLAS PAUL GEISLER





CUSTOM HOME DESIGN for:

LAKE CITY, COLUMBIA COUNTY, FLORIDA

50 60

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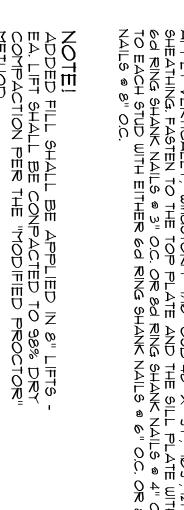
STRUCTURAL INFORMATION

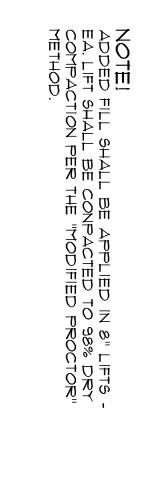
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\R0007005

CONCRETE / MASONAY /

- 1000 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 PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% 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 REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET MENTS OF ASTM A185 MIN. YEILD STRESS = 85 KSI. THE REQUIRE-
- CONCRETE SHALL BE STANDARD MIX F'C = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE-MENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS. ONCRETE BLOCK SHALL WIDE FOR ASTM C-90 REI m = 1500 PSI. BE AS PER MANUFACTURER'S PRODUCT
- ORTAR SHALL III *Q* MASONRY UNITS
- TRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR Trength, bolts shall be astm a301 / Grade I or a325, as per Plan requirements.





48'-9"

4" THK. 2500 PSI CONCRETE SLAB W/6×6-W2.9XW2.9 WWF DOUBLED 3' FROM EDGE OYER CLEAN COMPACTED FILL

3" MIN

#5 DOWELS @ 12" O

*3 BARS HORIZ @ 48" O.C.

2

4

-2500 PSI CONCRETE FOOTING 2-#5 BARS CONTINUOUS

III: NONII

4" THK, 2500 PSI CONCRETE SLAB W/6X6-W2.9XW2.9 WWF DOUBLED 3' FROM EDGE OVER CLEAN COMPACTED FILL

8" CMU BOND BEAM BAR CONT/25" MIN.

 \triangleright

11'-2"

50 NE KING

ONE JAC 40" OF O ", MIN.

9'-0"

4 3/4" 2'-0"

20'-2"

23'-11 1/2"

2'-Ø"

7'-6'

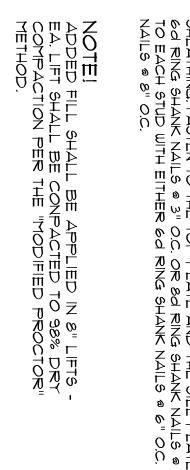
5'-1 1/4"

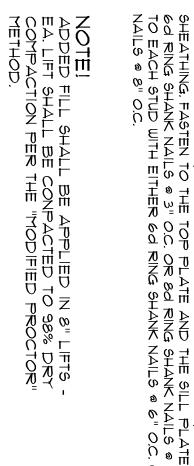
3'-9 1/2'

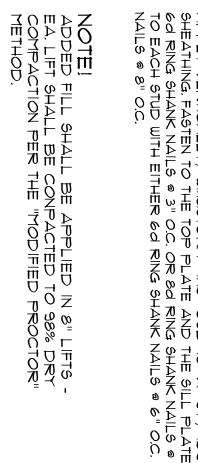
THIC CONC.

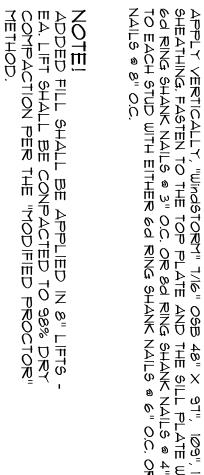
LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.

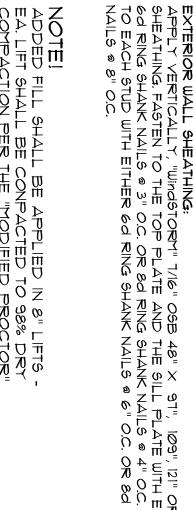
48'-9"

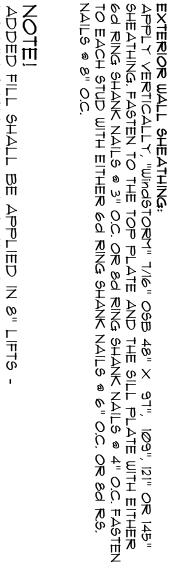


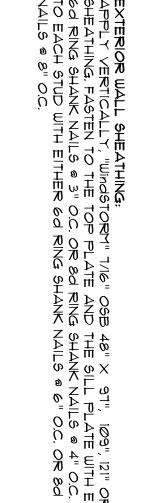


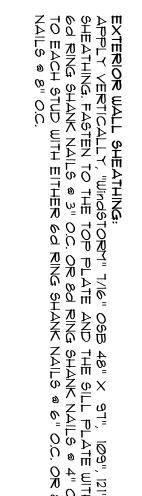


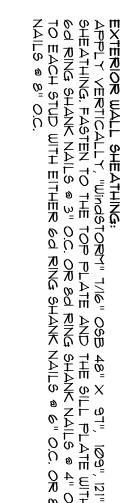


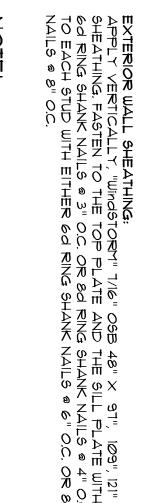


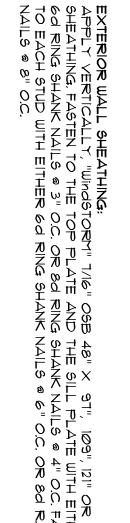
















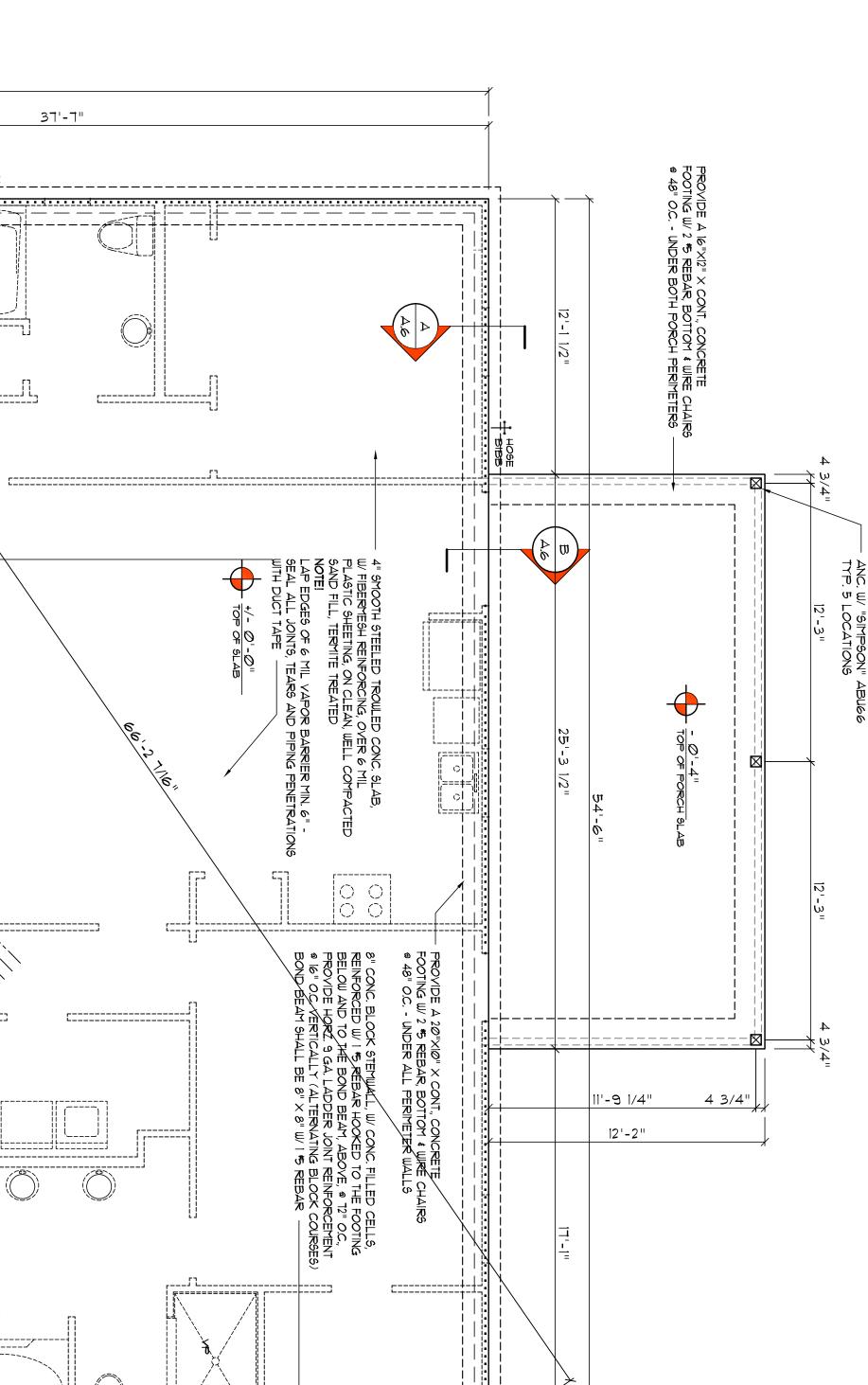












SCALE: 0 <u>~</u>

3" MIN

-2-#5 BARS

2500 PSI

CONCRETE FOOTING

#3 BARS HORIZ, @ 48" O.C.

DOWELS @ 72" O.C. MAX.

CALL EXT. WAL SEGMENTS, SEE A.6 .LLS, LESS DOOR OF

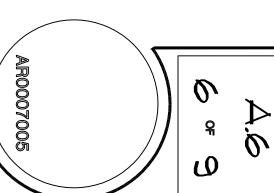
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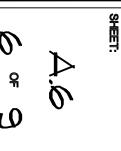
ONSTRUCTION NOTES

FIELD YERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION. ALL NAILING CONSTRUCTION MATERIALS SHAI BE AS PER 2001 FBC - SEE A6

NOTE!

PRIOR TO THE CONSTRUCTION OF THE FOUNDATION,
THE CONTRACTOR SHALL COORDINATE ANY INTERIOR
BEARING LOCATION CONDITIONS PER THE TRUSS
ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION
PLAN, ANY INTERIOR BEARING LOCATIONS OR ANY
POINT LOADS OF 40 K 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 RENDERING SUCH MODIFICATIONS
PRIOR TO POURING ANY CONCRETE.

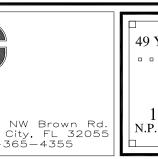






2**K**2|3|









CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLEARIFACATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.

F & FLOOR TRUBS FRAMING PLANS ARE FOR GENERAL MATION ONLY. THE TRUBS MANUFACTURER SHALL YIDE A DETAILED LAYOUT FOR TRUBS AND FRAMING ERS.

VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.

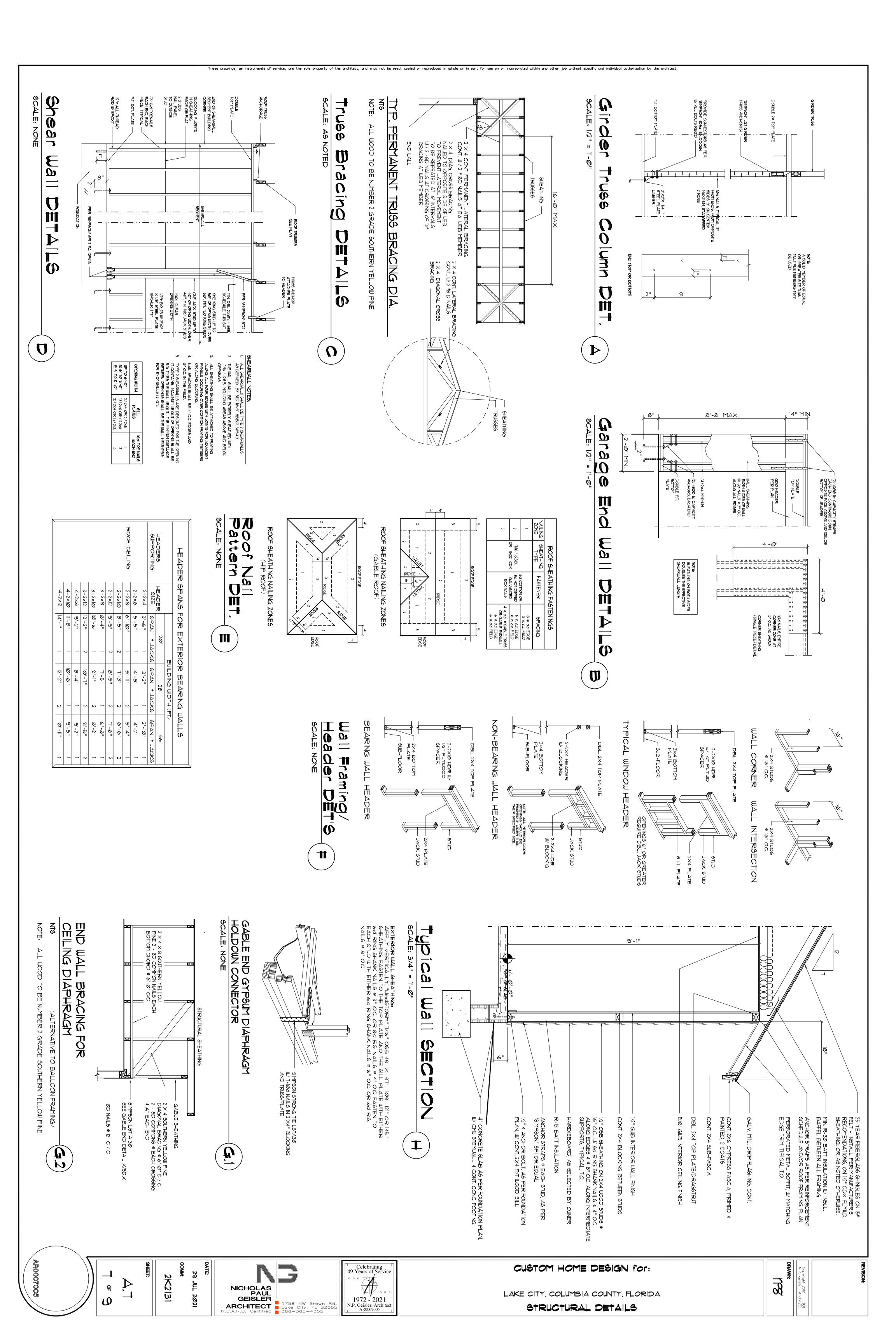
PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.

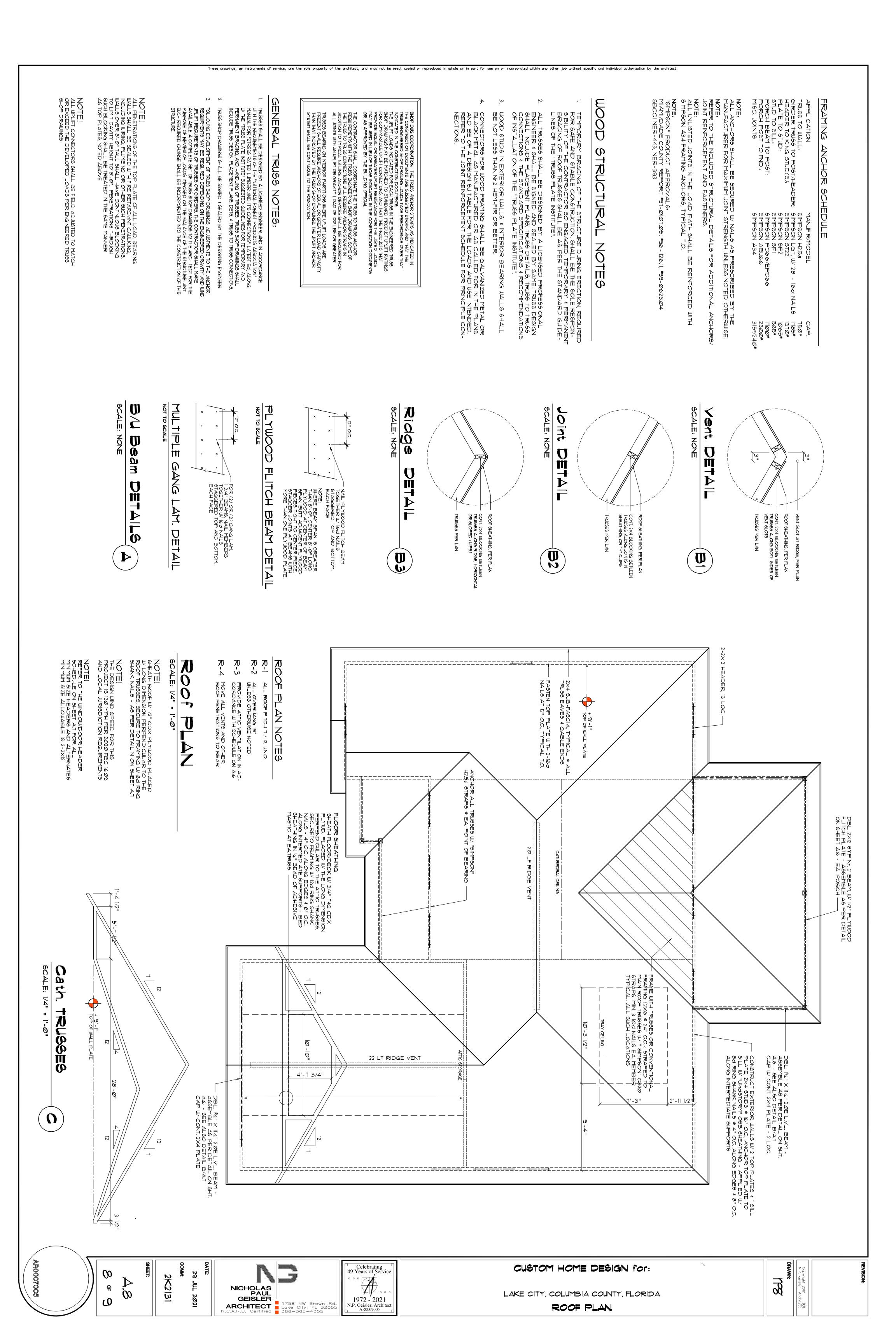
24'-9 1/2"

LAKE CITY, COLUMBIA COUNTY, FLORIDA FOUNDATION PLAN

3

50 60





These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual authorization by the architect \overline{o} A. ELECTRICAL "AS-BUILT" DRAWINGS ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE | COPY OF AS-BUILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY. H.Y.A.C. "AS-BUILT" DRAWINGS H.Y.A.C. CONTRACTOR SHALL FI DRAWINGS INDICATING ALL H.Y. DUCTWORK LOC., SIZES, LINES, E REPORT - CONT'R SHALL PROY TO OWNER \$ 1 COPY TO THE PE PLUMBING "AS-BUILT" DRAWINGS PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTRACHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER AND I COPY TO THE PERMIT ISSUING AUTHORITY. CLAIMS, WHETHER FROM PERSONAL IN DAMAGE, ARISING FROM EVENTS ASSIDENTORYED UNDER THE CONTRACT F CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GWB ON 1X3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS 6 " O.C. ALONG EACH POINT OF BEARING. ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECIN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK. THE OWNER SHALL FILE A "NOTICE OF TO THE BEGINNING THE THE PROJECT SHALL FILE "NOTICE TO OWNER" AND LIEN" FOR ALL PAYMENT REQUESTS FOR ANY FUNDS. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD. ALL WOOD IN CONTACT WITH CONCRETE BE PRESSURE TREATED. ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOMETH THE CONSTRUCTION OF THIS PROJECT BETWEEN OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BETHROUGH BINDING ARBITRATION. AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURE-POSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THINSPECTION IF REQUESTED BY THE OWNER. NTERIOR STUD WALLS SEPARATING LIVING AREA FROM GAR-AGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-11 BATT INSULATION. NTERIOR BEARING WALLS SHALL BE CONSTPLIANCE WITH "UL Design U333", BATT INSUL, INCLUDED WHERE UNCONDITIONED AREA IS FROM HEATED / COOLED AREA. THE CONTRACTOR SHALL PAY FOR ALL PERMITESTS AND THE LIKE THAT MAY BE REQUIRED IOUS AUTHORITIES HAVING JURISDICTION OVER BE THEY CITY, COUNTY, STATE OR FEDERAL. . INSULATION SHALL BE LEFT EXPOSED AND ALL LABLES TINTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED THE BUILDING OFFICIAL. **DAMING** T AND THE CONTRACTOR(S) PROVIDE "RELEASE OF PRIOR TO DISBURSEMENT OR MASONRY SHALL STRUCTED IN COM-LATION SHALL BE S BEING SEPARATED ANTHORITY. MITS, LICENSES, BY THE YAR R THIS PROJECT THUTS GENERAL $\stackrel{\smile}{\sim}$ <u>Ø</u> œ, $\overline{\omega}$ MILLWORK SUB-CONTRACTOR SHALL SUBMIT FOR APPROVATION THE FOLLOWING ITEMS, PRIOR TO FABRICATING ANY OR MILLWORK: COMPLETE SET OF SHOP DRAWINGS, SAMPLISPECIES RECEIVING TRANSPARENT FINISH, MER'S LITERATUR SPECIALTY ITEMS NOT MED. BY THE ARCHITECTURAL WOOD FIRM AND HARDWARE SCHEDULE, SHOWING HARDWARE USEING AND HARDWARE SCHEDULE, SHOWING HARDWARE USEING AND THE CONFORMANCE W/ THE DESIGN INTENT OF THE LOCATION & CONFORMANCE W/ THE DESIGN INTENT OF THE LORD DIRECTIVES ISSUED BY THE OWNER. FILTERS SHALL BE DISPO WEIGHT ARRESTANCE OF IN-PROVIDE 2 SETS, ONE DUR FINAL ACCEPTANCE. PRODUCTS SHALL INCLUDE THE FOLLOWING: SOFTWOOD - SOLID STOCK PINE, C OR BETTER HARDWOOD - SPECIES AS SELECTED BY OWNER PLYWOOD, OPAQUE FINISH - FIR, GRADE A/B PLYWOOD, TRANSPARENT FINISH - SPECIES AS SELEC PARTICLE BOARD - HIGH DENSITY, W/ RESIN BINDER LAM. PLASTIC - MFG, COLORS, PATTERNS & TEXTURES BY OWNER LAMINATING ADHESIVES - POLYVINYL ACETATE, URE, FORMALDEHYDE, CASEIN ALL WORK IN THIS T TRADES SO AS TO, OF THE JOB. IT IS THE RESPO ORDINATE LOCA IN THE FIELD WITH ELEMENTS. SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO TEABRICATION AND DELIVERY OF MILLWORK, SHOWN IN TO THE JOB SITE, INSTALLATION OF CABINET HINGES, DRAWER & TRAY GUIDES, ADJUSTABLE SHELF STAND BOLTS. HYAC SUB-CONTRACTOR SHALL PROVIDE TOOLS AND EQUIPMENT TO INSTALL A CORSYSTEM. IT IS THE HYAC SUB-CONTRACTOR'S RESPONSIBILITY NFPA-90A AND ALL APPLICABLE CODES. HVAC SYSTEM SHALL BE AS OR SHALL BE AS DIRECTED HVAC SUB-CONTRACTOR. DAMAGED SURFACES SHALL ADJACENT PORTION OF THE MILLWORK SUB-CONTRACTOR THE LIKE FOR THIS PROJECT S HVAC SUB-CONTRACTOR SHALL PROVIDE OFFSETS, TRANSITIONS & BENDS REQUIRED SYSTEM AT NO ADDITIONAL COST TO THE O CONDENSATE DRAIN TO ALL DUCT SIZES INDICATED INSIDE DIMENSIONS. HYAC SUB-CONTRACTOR SHALL SUPPLY ALL CONTRACTOR THERMOSTATS. THE ELECTRICAL SUB-CONTRACTOR OF ALL SUB-CONTRACTOR OF ALL SUB-CONTRACTOR OF ALL SUBTONES, DISCONNECTS & CONTROL WIRING SHALL BE APPROYED BY THE EQUIPMENT MEGIN. ALL EXHAUST AND OUTSIDE AIR DUCT SHALL BE GAIMETAL CONSTRUCTED AND INSTALLED IN ACCORDANAND SMACNA STANDARDS. FLEXIBLE DUCT SHALL BE FULLY ANNEALED, CORRUGATED ALUM-NUM W/13/4 LB. DENSITY FIBERGLASS INSULATION AND SHALL BE UL. LISTED. SHEET METAL DUCT SHALL BE LINED W/1" MATFACED DUCT LINER & WRAPPED W/13/4 LB. FOILFACED FIBERGLASS INSULATION. ALL FIBERGLASS DUCT SHALL BE FOILFACED, R4.2/R6.0 DUCTBOARD. SUB-CONTRACTORS PROVIDING HYAC INSTALLATION SHALL BE SUB-JECT TO THE PROVISIONS OF NOTES I THRU 6, GENERAL NOTES/D.Ia. INSTALL HARDWARE IN ACCORDANCE WITH MANUFR'S LEAVE OPERATING HARDWARE OPERATING SMOOTHL FABRICATE WORK THE JOB SITE. PROTECT MILLWORK FROM MOISTURE & DAMAGE WHIITHE JOB SITE, UNLOAD AND STORE IN A PLACE WHEIPROTECTED FROM MOISTURE AND DAMAGE AND BEINSTALLATION. ASSEMBLE WORK AT MILL NSOFAR AS POSSIBLE. F REQUIRED BY BUPPLY A TEST / BALANCE COUNC ENGINEER. YAC SUB-CONTRACTOR SHALL FURNISH SHOP DWG: - EQUIPMENT SHALL BE FULLY WARRANTED FOR YPRESSOR(S) SHALL BE WARRANTED 5 YEARS F CEPTANCE, BY THE OWNER. "CUSTOM" GRADE EXCEPT AS OTHERWISE NOTED THE OWNER, SHALL BE THE BASE STANDARD OF A THIS WORK. AIR DEVICES SHALL BE OF ALUMINUM CONSTRUCTION FOR WALL CEILING APPLICATIONS AND STEEL CONSTRUCTION IN FLOOR LICATIONS, ACCEPTABLE MANUFACTURER'S SHALL BE TITUS, ALAIRE, NAILORHART, HART & COOLIE OR AS DIRECTED BY THE SPONSIBILITY OF THE HYAC SUB-OCATION OF CEILING DIFFUSERS, WITH THE ELECTRICIAN, LIGHTS, THE OWNER, THE HVAC SUB-CONTR AND BALANCE REPORT IN ACCORD CIL STANDARDS, SIGN AND SEALED O AYOID CONFLI APPLY TO THIS F $\overline{\mathsf{Z}}$ NOTES: ACCORDANCE WITH OSABLE TYPE AND HAVE INITIAL SHARE ION AND A CLEAN PRESSURE DROP OF Ø.15. ♣ DELIVER OR PROVIDING CASEWORK IT SHALL BE SUBJECT TO GENERAL NOTES, THIS SH SHALL IN THE PLANS (IF BE REPAIRED WORK BY THE OWNER IN CONSULTATION WITH THE LICTS ON TIN = "AWI QUALITY ST. PROJECT, UNLESS OF BREAKERS, SW Ш 9 NSUL, JOB SITE READY TO INSTALL MIT FOR APPROVAL BY THE FABRICATING ANY MAT'LS DRAWINGS, SAMPLES OF WD. I, MFR'S LITERATURE FOR ALL HITECTURAL WOODWORK G HARDWARE USED AT EA. INTENT OF THE DRAWINGS OWNER. ALL LABOR, MATERIALS, TO MATCH UNDAMAGED NOLUDED) ARE NET RACTOR SHALL DANCE WITH AIR BY A REGISTERED ANDARDS & GUIDE CONVENIENT FOR IRES AS SELECTED RACTORS, RELAYS, CTOR SHALL PRO-NG. THERMOSTATS THE FOLLOWING: IN THE DIRAWINGS, IN CATCHES, DARDS & SURFACE 5 DIRECTIONS. LY ♣ QUIETLY. ACTOR TO CO-6 AND REGISTERS CHITECTURAL OE TO COMPLETION YEAR AND THE NOE WITH ASHREA S FOR DUCTWORK, D AIR DEVICES. ALL NECESSARY ENTS TAKEN AT OR DIRECTED TH 1/2" THICK THE PROVISIONS 10 CO TT WITH 4, v, Ŋ Ò 'n 'n 'n $\overline{\omega}$ Ū <u>ø</u> ū $\overline{4}$ $\vec{\omega}$ $\overline{\emptyset}$ SEPTIC DRAINFIELDS SHALL BE CONSTRUCTED TO THE STANDARDS OF THE LOCAL HEALTH DEPARTMENT. DRAINFIELD PIPING SHALL BE CLAY TILE OR P.V.C. OR POLY AS ALLOWED BY THE SEPTIC TANK PERMIT. DRAINFIELD BEDS SHALL BE 3/4" WASHED ROCK, INSTALLED THICKNESS SHALL BE AS PER SEPTIC TANK PERMIT. SEPTIC TANK LOCATION & DRAINFIELD INVERT SHALL BE DETERMINED BY THE LOCAL HEALTH DEPARTMENT, IN CONSULTATION W/ THE OWNER. PRESSURE TANK SHALL BE GALVANIZED 82 GALLON CAPACITY, UNLESS DIRECTED OTHERWISE BY THE OWNER. SUB-CONTRACTORS PROVIDING WATER WELLS AND/OR SEPTICAND DRAINFIELDS SHALL BE SUBJECT TO THE PROVISIONS OF THRU 6, THIS SHEET SAND FILTER BEADS, MOUND SYSTEMS, DOSING TANKS, GREASE TRAPS, DISTRIBUTION BOXES, GRINDER PUMPS, SUMP PUMPS AND OTHER SUCH RELATED ITEMS (IF REQUIRED OR REQUESTED) SHALL BE AS PER THE DESIGN STANDARDS OF THE LOCAL HEALTH DEPARTMENT. SEPTIC TANKS SHALL BE OF A SIZE & CONSTRUCTION AS DETERMINED BY THE LOCAL HEALTH DEPARTMENT. TANK MAT'L SHALL BE POURED CONCRETE OR FIBERGLASS AS ALLOWED BY THE SEPTIC TANK PERMIT ALL REQUIRED COMPONENTS FOR A COMPLETE OPERATING SYSTEM SHALL BE PROVIDED, INCLUDING ANTI-FREEZE BLEEDER FITTING, CHECKVALVE, AIR BLEEDERS, SHUTOFF VALVE, HOSE BIBB, PRESSURE REGULATOR/CONTACTOR, UNIONS AND PRESSURE GAUGE. LOCATION OF POTABLE WATER WELLS SHALL BE DETERMINED BY THE OWNER IN CONSULTATION WITH THE WELL DRILLING CONTRACTOR, WELLS SHALL NOT BE LOCATED CLOSER THAN 15'-0" TO ANY PROPOSED OR EXISTING SEPTIC TANK OR DRAINFIELD, EITHER ON SUBJECT PROPERTY OR ADJACENT/ADJOINING PROPERTY. WELL HEAD SHALL PRO POTABLE WATER WELLS SHALL BE A MINIMUM 4"+ WITH BLACK IRON CASING TO A DEPTH OF 80'-0". PUMPS SHALL BE OF THE SUBMERSIBLE TYPE, THREE WIRE SYSTEM, MINIMUM HORSEPOWER SHALL BE 1/2 H/P OR AS DIRECTED BY THE OWNER, MOTOR STARTER SHALL BE ENCLOSED IN A WEATHERPROOF HOUSING, MOUNTED ON A P/T 4X4 POST AT THE WELL HEAD. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES. FIXTURES, HARDWARE, EQUIPMENT, COLORS AND FINISHES SHALL BE AS SELECTED BY THE OWNER. ALL WORK SHALL BE PREFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL. PROVIDE COMBINATION COVERPLATE / CLEANOUT PLUG FOR ALL WALICLEANOUTS, FINISH AS DIRECTED BY THE OWNER. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM NEAR EST PLUMBING FIXTURE, DO NOT MANIFOLD. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE THREADED STEEL PIPE, COPPER DRAIN, WASTE OR VENT PIPE AND FITTINGS, OR P.Y.C., SEE NOTE 12, BELOW. INSULATE ALL CONDENSATE PIPING EXCEPT WHERE UNDERGROUND, AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS. SOIL, WASTE, VENT & RAINWATER PIPING SHALL BE CAST IRON NO-HUB 301-12 ABOVE GRADE WITH NEOPRENE GASKETS AND STAINLESS STEEL BANDS & BELL & SPIGOT CAST IRON BELOW GRADE W/ LEAD & OAKUM JOINTS OR AT THE OWNERS OPTION, P.V.O., SCHEDULE 40, SEE NOTE 12. ISOLATE COPPER PIPING FROM HANGERS OR SUPPORTS W/ HAIR FELT INSULATOR PADS. FIXTURE AND APPROVED SHOCK ARRESTERS ON MAIN LINE OR RISERS ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND WHERE PROVIDED, MARKED ACCESS PANELS. P.V.C. SCHEDULE 40 PIPE AND FITTINGS MAY BE USED FOR SOIL, WASTE VENT, RAINWATER OR CONDENSATE PIPING AS APPROPRIATE, WHERE APPROVED BY LOCAL BUILDING CODES & OFFICIALS, P.V.C. MAY NOT BE USED TO PENETRATE CHASES OR FIRE RATED WALLS / CEILINGS. DO NOT USE LEAD BASED SOLDER FOR JOINING SUPPLY PIPING WATER PIPING SHALL BE TYPE L COPPER UP TO 1", & TYPE K FOR ALL LARGER SIZES. ALL UNDERGROUND PIPING SHALL BE TYPE K COPPER. AT THE OWNERS OPTION SUPPLY PIPING MAY BE C.P.V.C., SCHEDULE 40 OR SCHEDULE 80. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID NITERFERENCE WITH THE PROGRESS OF THE CONSTRUCTION. PLUMBING FLAT PLANS AND RISER DIAGRAMS (IF INCLUDED) ARE DIAGRAMATIC. DO NOT SCALE THE DRAWINGS FOR EXACT LOCATIONS OF THE PLUMBING FIXTURES. ALL EXCAVATION & BACKFILL AS REQUIRED FOR THIS PHASE OF THE CONSTRUCTION SHALL BE PART OF THE PLUMBING SUB-CONTRACTOR'S RESPONSIBILITIES. ALL MATERIALS SHALL BE NEW. SUB-CONTRACTORS PROVIDING PLUMBING MATERIALS AND INSTALL-ATION SHALL BE SUBJECT TO THE PROVISIONS OF NOTES ITHRU 6. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES. MELL PLUMBING NOTES: SEPTIC NOTES: JECT 12" ABOYE GRADE NOTITO NOTITO 25. 23. $\vec{\omega}$ WHEN CONDUIT RUNG EXCEED 200 FEET, PULL E ELECTRICAL CONTRACTOR SHALL VERIFY ALL COMPONENTS FOR ALL ELECTRICAL APPLICATIONS & DETERMINE THE CORRECTNESS OF SAME. ANY DISCREPANCY SHALL BE REPORTED TO THE OWNER PRIOR TO FABRICATING ANY MATERIALS, ORDERING COMPONENTS OR DOING ANY WORK. EMERGENCY LIGHTING AND EXIT SIGNS, IF INDIC INSTALL ONLY HIGH POWER FACTOR BALLASTS FIXTURES. GROUNDING: GROUND ALL MAIN DISCONNECTS TO STANDARD GROUND ROD(S) AND TO COLD WATER SUPPLY AS PER ARTICLE 250 OF NEC-2020 NSTALL ALL ELECTRICAL WORK IN CONFORMAN 2017 EDITION, AND IT'S AMENDMENTS AS ADOPT PERMIT ISSUING AUTHORITY AT THE TIME OF CONFORMAN DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF EQUIPMENT. CONFIRM WITH OWNER. ELECTRICAL EQUIPMENT AIC RATING AND FEEDER SIZE SHOWN ON THE PLANS ARE DESIGNED FOR MAX, AVAILABLE FAULT CURRENT AND MAX, ALLOWABLE VOLTAGE DROP, RESPECTIVELY CHECK EQUIPMENT FOR PROPER VOLTAGE, PHASE AND RATING PRIOR TO CONNECTION TO CIRCUITS. ALL FUSES, UNLESS NOTED OTHERWISE ON THE D FURNISH AND INSTALL DISCONNECT SWITCHES AN HYAC SYSTEM AS PER MANUFACTURER'S RECOM CONTROLS ARE TO BE SUPPLIED BY THE HYAC CONTROLS ARE TO BE SUPPLIED BY THE HYAC CONNECTED BY THE HYAC REQUIREMENTS OF THE POWER COMPANY & TELEPHONE COMPANY. IT IS NOT THE INTENT OF THESE DRAWINGS TO S ALL PANEL SCHEDULES SHALL BE FULLY FILLED OUT AND SHALL BE TYPEWRITTEN. EA. CIRCUIT SHALL BE CLEARLY IDENTI-FIED A TO WHAT IS INCLUDED ON SAID CIRCUIT. COORDINATE ALL WORK THROUGH GC TO AVOID CONFLICTS, CO-ORDINATE WITH HVAC CONTRACTOR AND ELECTRONICS SYSTEMS CONTRACTORS SO THAT A COMPLETE, FUNCTIONING SYSTEM IS INSTALLED, IN EACH CASE, WITH NO EXTRA COST TO THE PRESENT TO VERIFY PROPER FUNCTION PRIOR TO C.O. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC WITH OVER-LOAD RELAYS IN EACH HOT LEG. NSTALL GFI BREAKERS OF DEVICES AT ALL BATHROOM, REST ROOM, KITCHEN, GARAGE AND EXTERIOR RECEPTACLES AND A NOTED ON THE DRAWINGS. COLOR CODE MULTI-CIRCUIT WIRING AS FOLLOWS: NEUTRAL WHITE, GROUND - GREEN, LINE - ALL OTHER COLORS. PROVIDE CONTINUITY OF NEUTRAL ON MULTI-BRANCH CIRCUITS BY SPLICING AND BRINGING OUT A TAP, ASSURING NO OPEN-INGS OF NEUTRAL IN REPLACEMENT OF A DEVICE. NOTALL ONLY COPPER WIRING ON THIS PROJECTHUN, THAN OR NM CABLE, UNLESS NOTED OTHE CONDUCTORS * O & SMALLER MAY BE SOLID. ALE AND LARGER SHALL BE STRANDED TYPE. PANEL BOARDS SHALL BE CIRCUIT BREAKER NUMBER AND SIZES OF CIRCUITS. ALL CIRCUIT BREAKERS, TWO AND THREE POLE COMMON TRIP, NO TIE HANDLES OR TANDEMS S ACCEPTABLE. ALL RACEWAYS BELOW GROUND SHALL BE A MINIMUM OD $3/4^{\shortparallel}$. THE FUNCTIONS AS DETAILED IN THE PLANS (AN ISOLATE DISSIMILAR CONDUIT AND TUBING MET, WATER AND GAS PIPING AND OTHER BUILDING I DAMAGE BY FRICTION OR ELECTROLYSIS MAY WHERE ELECTRICAL GROUND IS PROVIDED. NSTALL NON-FUSED DISCONNECT SWITCHES AT ALL PIECES OF ELECTRICAL EQUIPMENT LOCATED WHERE SAID EQUIPMENT IS NOT VISIBLE FROM THE CIRCUIT BREAKER THAT PROTECTS IT: SIZE IN ACCORD WITH THE LOAD. ALL DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE - QUICK-BREAK TYPE - ENCLOSURES SHALL BE AS REQ'D FOR EXPOSURES. HCTRICAL NSTALL ONLY THOSE ELECTRICAL DEVICES THOR OTHER RECOGNIZED TESTING LAB LABEL. 1941 DE NEW. NATLET BOXES SHALL BE PRESSED STEEL OR LOCATIONS, FOR WET LOCATIONS, CAST AL IRCUITS ON PANEL SCHEDULE (AND PLANS) ARE TO DETERMINE OAD DATA AND SIZE. THE CONTRACTOR SHALL PROVIDE CIR-UITS AND ROUTING OF CONDUITS AND WIRING TO SUIT JOB ONDITIONS, AND BALANCE THE JOB, THROUGHOUT. ALL CONDUCTORS ES AND ITEMS EM, PROVIDING ND SPECS! MATERIALS WHERE OCCUR, EXCEPT NOE WITH THE NEC TED BY THE NOTRUCTION. ND WIRING FOR YMENDATIONS. OONTRACTOR, PLASTIC OR ALL LOY WITH ALLED. SOXES SHALL BE STANCE. ATED ON THE AT BEAR A "UL AT FLUORESCENT HALL BE Ή Τη RAWINGS, 200,000 AIC. OM EVERY VEIZETY W W

DESIGN VALUES/LOADS & WIND DESIGN SPEED: 130 MPH, UNL NLESS NOTED OTH

OOTING DESIGN STATEMENT:
OOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSURE PROIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS
SECLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL
REQUIRE FOUNDATION MODIFACATIONS. VE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 30PSF Y SHAPE FACTORS APPLIED TO THE WIND FORCE ESIGN WIND SPEED. GENERATED BY THE

-DING CODE: 2020 FLORIDA BU $\frac{v}{N}$

LECTRICAL CODE: NATIONAL ELECTRICAL IFE SAFETY: NFPA-101 - LATEST

CNSTRUCTION DOCUMENTS

IE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE SHANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW E CONSTRUCTION DOCUMENTS AND VERIET ALL DIMENSIONS. ANY DISTREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE REPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE OMMENCEMENT OF ANY WORK OR FABRACATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS
AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO
SIMPLE ARITHMETIC MAY BE USED TO DETERMINE. TO FINAL THE LOCATIONS OF

ASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT ISULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL SILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM CHANGES MADE TO

General Roofing NOTE

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DECK REQUIRETENTS: SLOPE: ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER, FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT S REQUIRED. BE FASTENED \vec{o} SOLIDLY SHEATHED

DECKS.

SELF-ADHERING POLYMER MODIFIED -AYMENT:
OTHERWISE NOTED, UNDERLOR ASTM D 4869, TYPE 1. BITUMEN SHALL Ω

ASPHALT SHINGLES: ASPHALT SHINGLES: AND COMPLY WITH A ASTALL ASTALL 1 SHINGLES SHALL BE GALVANIZED, STAINLESS PER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH EITER HEAD, OF A LENGTH TO PENETRATE THROUGH AND A MINIMUM 3/4" INTO THE ROOF SHEATHING.
LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE HAVE SELF SEAL STRIPS 225 OR ASTM D 3462.

PHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN IR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL NGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR EATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS LERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM ASTM D 3161 OR M-DC PA 101-95.

NDERLAYMENT APPLICATION:
OR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUNOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUNOR ROOF SLOPES APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS IS INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE. BH A MINIMUM A MINIMA

OR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINE 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. ASE AND CAP FLASHINGS:
ASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGRIS
ISTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION
ESISTANT METAL OF MINIMUM NOMINAL THICKNESS Ø.ØIS INCH OR MINIERAL
IRFACE ROLL ROOFING WEIGHING A MINIMUM OF 17 LBS PER 100 SQUARE
EET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM
OMINAL THICKNESS OF Ø.ØIS INCH.

VALLEYS:

VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTORS.

NATALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

1. OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 150713.9.2.

2. OPEN VALLEYS: VALLEY LINING OF TWO PLIES 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. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:

1. BOTH TYPES I AND 2 ABOVE, COMBINED.

2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.

3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE 4 COMPLYING:

3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE 4 COMPLYING:

1. SOME PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE 4 COMPLYING:

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1. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE 4 COMPLYING:

2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE 4 COMPLYING:

3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE 4 COMPLYING: ACCORDANCE W/ MANUFACTURER'S
PLYING ASPHALT SHINGLES. VALLEY
BE PERMITTED.
E VALLEY LINING SHALL BE
CORROSION RESISTANT METALS $\overline{\omega}$

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LAKE CITY, COLUMBIA COUNTY, FLORIDA GENERAL NOTES

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