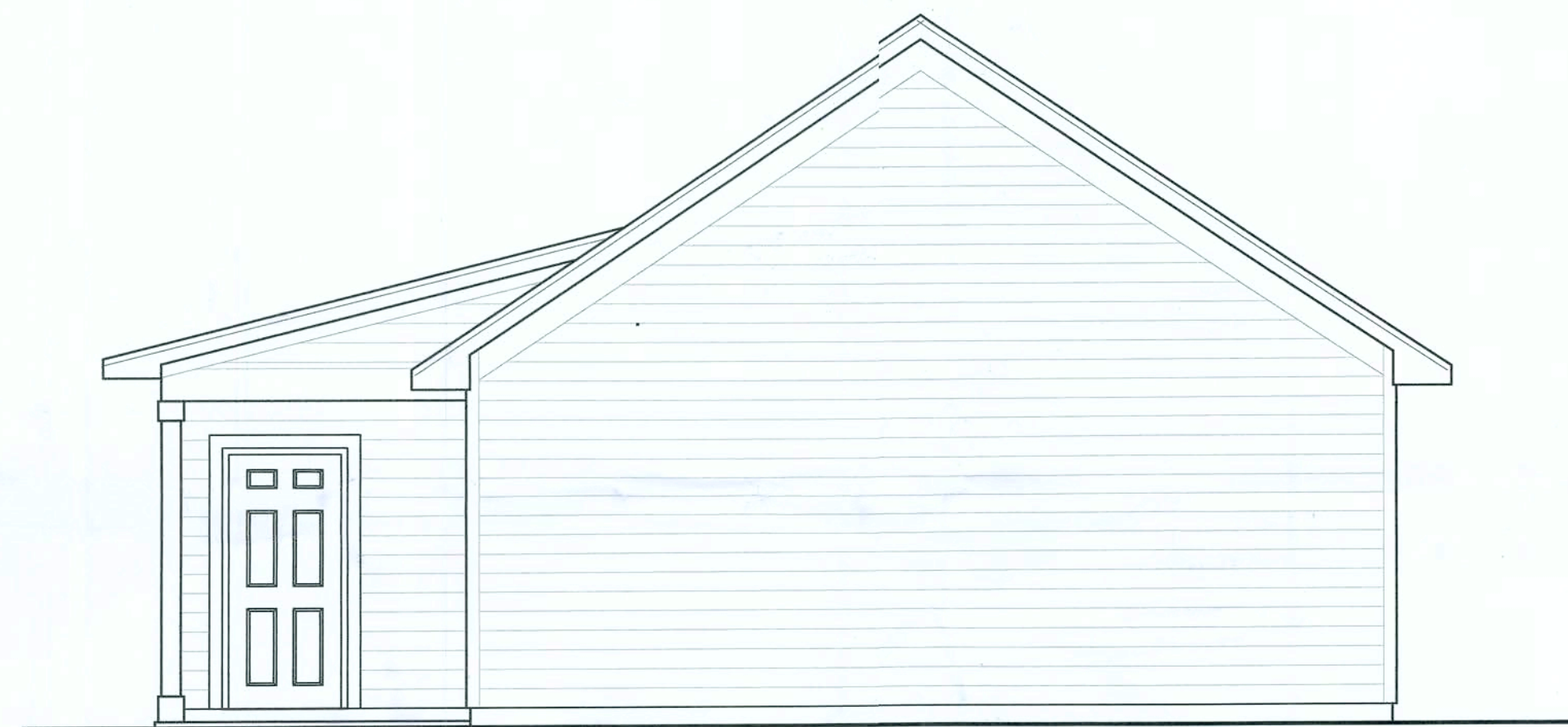


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Side ELEVATION  
SCALE: 1/4" = 1'-0"



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

EXTERIOR FINISH MATERIALS:

- 1 CONT. RIDGE VENT TO MATCH ROOFING
- 2 FINISH ROOFING AS SELECTED BY OWNER
- 3 MTL. FLASHING ON 1X6 CYPRESS FASCIA
- 4 PORCH BEAM - SEE PLANS FOR SIZE
- 5 FIBERGLASS ENTRY DOOR, STYLE SELECTED BY THE OWNER - PAINTED FINISH
- 6 HARDIEBOARD SIDING - SELECTED BY OWNER
- 7 CONCRETE PORCH DECK, W/1/4" WOOD FLOAT FINISH & TOOLED EDGES
- 8 SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- 9 NOT USED
- 10 P/T WOOD PORCH POSTS, PRIMED & PAINTED
- 11 CONCRETE FOUNDATION - FINISH AS DIRECTED BY OWNER

NOTE !!!

ROOF SHINGLES SHALL BE OF THE FOLLOWING MANUFACTURERS AND MODELS:  
TAMKO ROOFING PRODUCTS

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

TAMKO REQUIRED NAILS/SHINGLE = 4

GAF MATERIALS CORP.

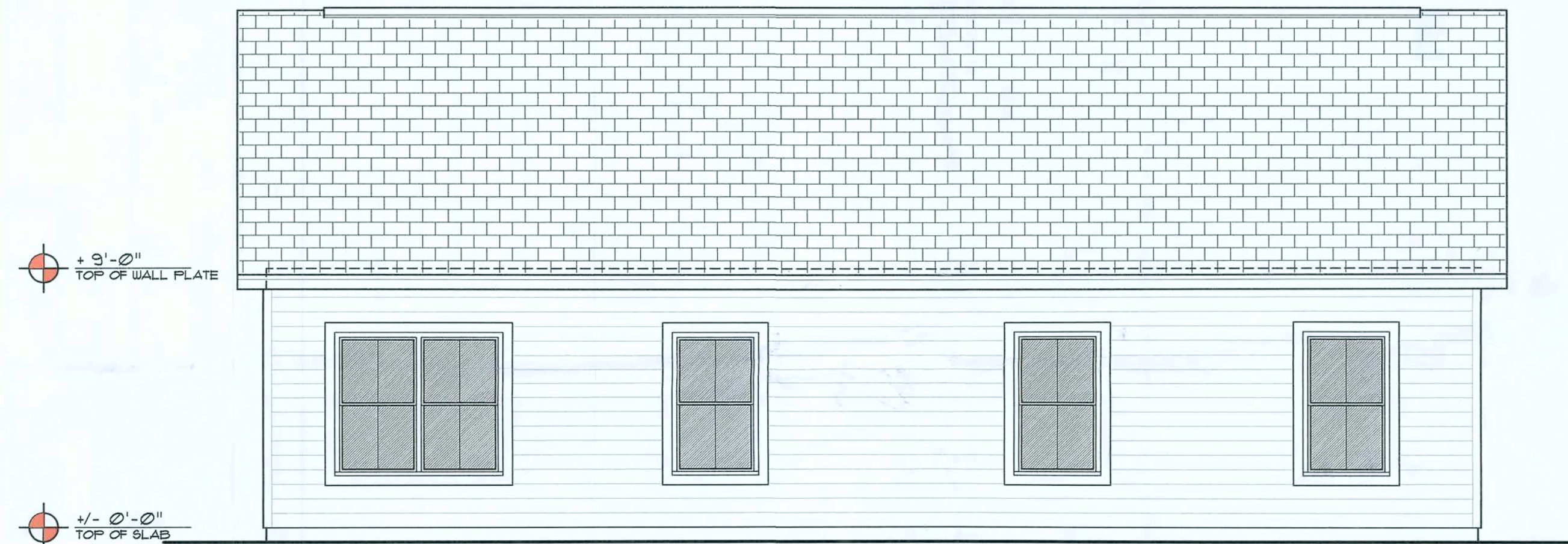
ROYAL SOVEREIGN  
MARGUS  
WEATHER MAX  
SLATELINE  
GRAND CANYON  
GRAND SEQUOIA  
COUNTRY MANSION  
COUNTRY ESTATES  
TIMBERLINE 30  
TIMBERLINE SELECT 40  
TIMBERLINE ULTRA  
SENTINEL

GAF REQUIRED NAILS/SHINGLE = 4

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 120 MPH WINDS & FBC TAS 100, USING THE SPECIFIED NAILS



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



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

Custom Residential Design for:  
**Archie and Jessica Brown**  
Lake City, Florida

Drawing Index

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A2	GENERAL NOTES	A5	FOUNDATION PLAN / ROOF PLAN
A3	FLOOR PLAN, W/ ELECTRICAL, DIMENSION PLAN	A6	WALL SECTION & FRAMING DETAILS

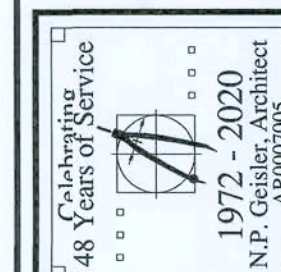


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DRAWN  
mg

PHASE ONE CUSTOM RESIDENTIAL DESIGN FOR:  
**ARCHIE and JESSICA BROWN**  
LAKE CITY, FLORIDA  
ELEVATIONS



**NICHOLAS  
GEISLER**  
ARCHITECT  
N.C.A.R.B. Certified  
1755 NW Brown Rd.  
Lake City, FL 33603  
352-325-4355

DATE:  
1 APR 2020  
COMB:  
2K2024

SHEET:  
A.1  
1 OF 6





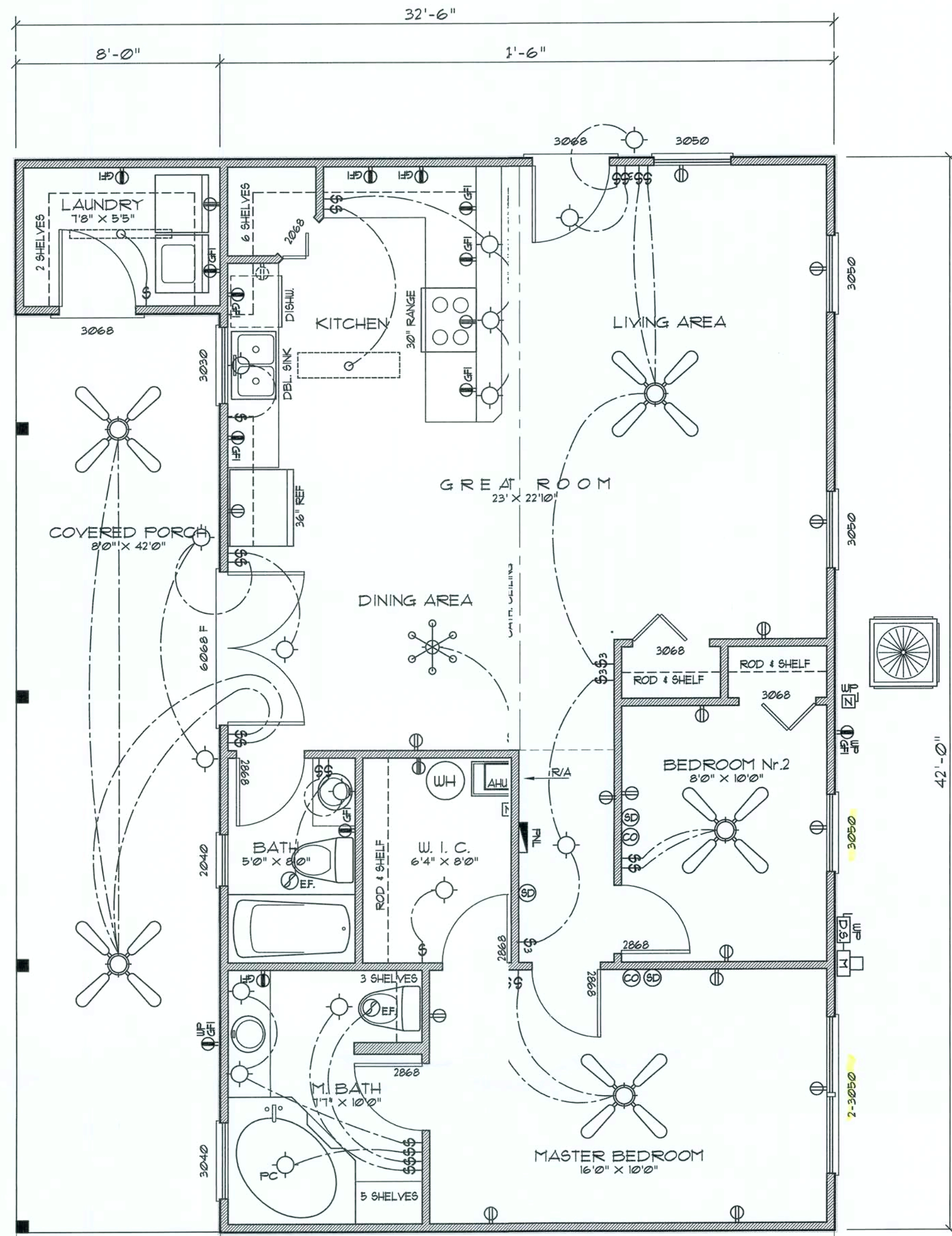




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PHASE 2

PHASE 1



## FLOOR PLAN

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



### GRAPHIC SCALE

NOTE!  
CABINETS, COUNTERS, SHELVES AND THE LIKE, SHOWN ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS OF QUALITY AS OUTLINED IN THE NOTES TITLED "GENERAL MILLWORK NOTES", AND SHALL INCLUDE SUCH FEATURES, HARDWARE AND FINISHES AS DIRECTED BY THE OWNER. THE PLAN VIEWS INDICATED ARE FOR GENERAL LOCATION AND EXTENT OF THE WORK - UNLESS DETAILED CABINET PLANS ARE INCLUDED WITH THIS PLANS PACKAGE ALL OTHER PHYSICAL CHARACTERISTICS SHALL BE AS DIRECTED BY THE OWNER.

NOTE!  
PROVIDE 2X6 BACKING A ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.

### GENERAL INTERIOR FINISH SCHEDULE:

FLOOR AREA:	CARPET AND PAD, PATTERN & COLOR AS PER THE OWNER OR LAMINATE STRIP WOOD - SEE OWNER FOR CHANGES	WALLS:	1/2" GWB, PRIME AND PAINTED 2 COATS LATEX WALL PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER
RESTROOM FLOOR:	THINSET CERAMIC TILE OR NATURAL STONE, PAT. & COLOR AS SELECTED BY THE OWNER	MAIN CEILING:	5/8" GWB, DIRECT HUNG, TAPED & FINISHED, W/ 2 COATS OF LATEX CEILING PAINT, COLOR & GLOSS AS SELECTED BY THE OWNER
BASE:	TRIM AS PER DETAIL ON A3, COLOR AS SELECTED BY THE OWNER OR CERAMIC TILE OR STONE - MATCH WITH FLOORING	APPLIED FINISHES:	APPLIED FINISHED TO GWB, 16: SPRAY, KNOCK-DOWN, SKIP-TROUPEL AND SIMILAR TREATMENTS AS DIRECTED BY THE OWNER
TRIM:	COVER, CROWN, CASING, CHAIRRAILS AND THE LIKE - AS PER DETAIL ON A3, STAIN & VARNISH OR PAINT COLOR AS SELECTED BY THE OWNER	CABINETS:	AS SELECTED BY THE OWNER, MINIMUM API GRADE, "CUSTOM" - ALL COUNTERTOPS SHALL BE AS SELECTED BY THE OWNER

### ELECTRICAL COMPUTATIONS

General Lighting/Receptacles @ 3w/ft	3087.0w
102361 x 3w =	1500.0w
Washer Circuit	1500.0w
Dishwasher Circuit	1500.0w
Sm. Appliance Circuits (3) @ 1500w	4500.0w

Sub-Total	10587.0w	3000.0w
1st 3kW @ 100%		2655.5w
Bal. of kW @ 35%		

Fixed Appliances:	
Refrigerator	1200.0w
Cig. Fans (5 @ 240w)	1200.0w
Water Well Pump	1200.0w
EUH	4500.0w
Spare (5 @ 400w)	2000.0w

Sub-Total	10100.0w	1515.0w
Load @ 75% D.F.		

100% Demand Factor Load:	
Dryer	5000.0w
Range	8000.0w
HVAC System (2.0T Heat Pump)	2400.0w

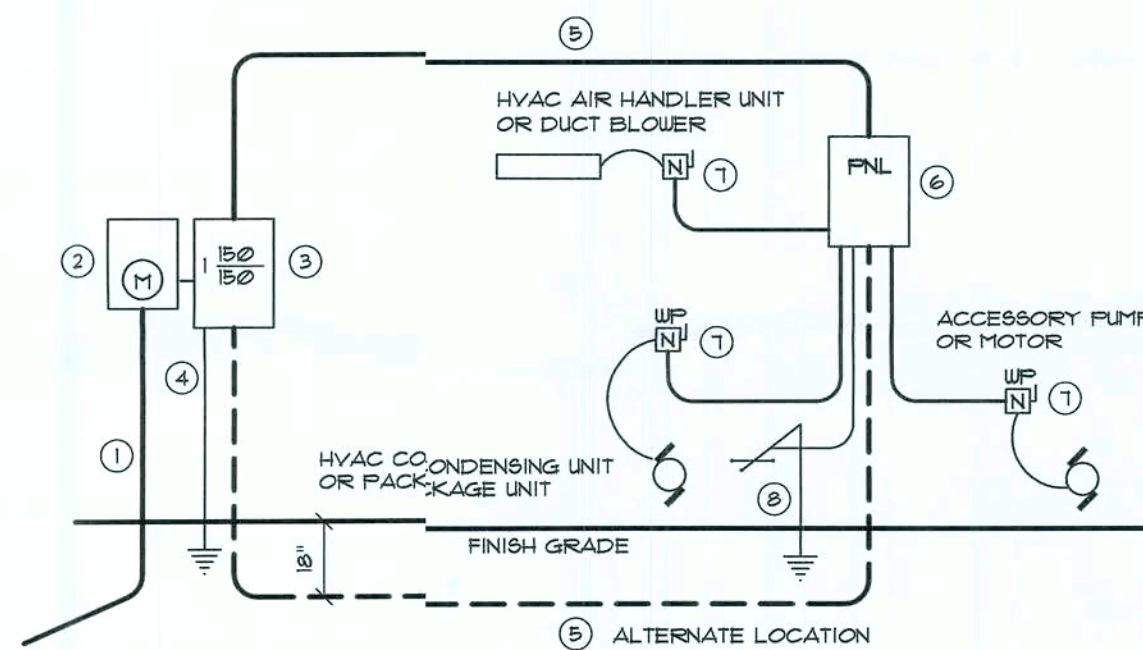
Total Demand Load:	29530.5w
--------------------	----------

FEEDER SIZE: 129530.5w / 240V = 1231 amperes  
USE: 3 # THW w/ 1 # 4 Cu GND / 2 1/2" C.

### PANEL SCHEDULE

PANEL "L": 150A - MLO - 120/240V - 1P - 4 WIRE  
40 SLOT - FLUSH MOUNT

Cir. Nr.	Location	Trip Poles	Wire Size	Load
1-6	Lighting/Recept.	15A/1P	14NM	3087W
7	Dishwasher	15A/1P	14NM	1500W
8-10	Sm. Klt. Appliances	20A/1P	12NM	4500W
11-12	Ceiling Fans	15A/1P	14NM	1200W
13	Refrigerator	15A/1P	14NM	1200W
14	Spare	-	-	400W
15-17	Water Well	20A/2P	12NM	1200W
18-19	Range	50A/2P	6NM	8000W
19-21	EUH	30A/2P	10NM	4500W
20-22	Dryer	30A/2P	10NM	5000W
23-25	HVAC CU	30A/2P	10NM	1800W
24-26	HVAC AHU	20A/2P	12NM	600W
27	Spare	-	-	400W
28-30	Spare	-	-	2400W
TOTAL CONNECTED LOAD:				35187W



- Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor. Service/Entrance Co-conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- Meter Enclosure, weatherproof, UL Listed.
- Main Disconnect Switch: fused or Main BRKR, weatherproof, UL Listed.
- Service entrance Ground: 3/4" x iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding Co-conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per item 5, below.
- 100 AMP SERVICE: 3 # THW-Cu, 1 # 4 Cu-GND, 2" Conduit.
- House Panel (PNL), UL Listed, sized per schedule.
- Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.
- Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

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

### ELECTRICAL RISER DIAGRAM: 200A

SCALE: NONE

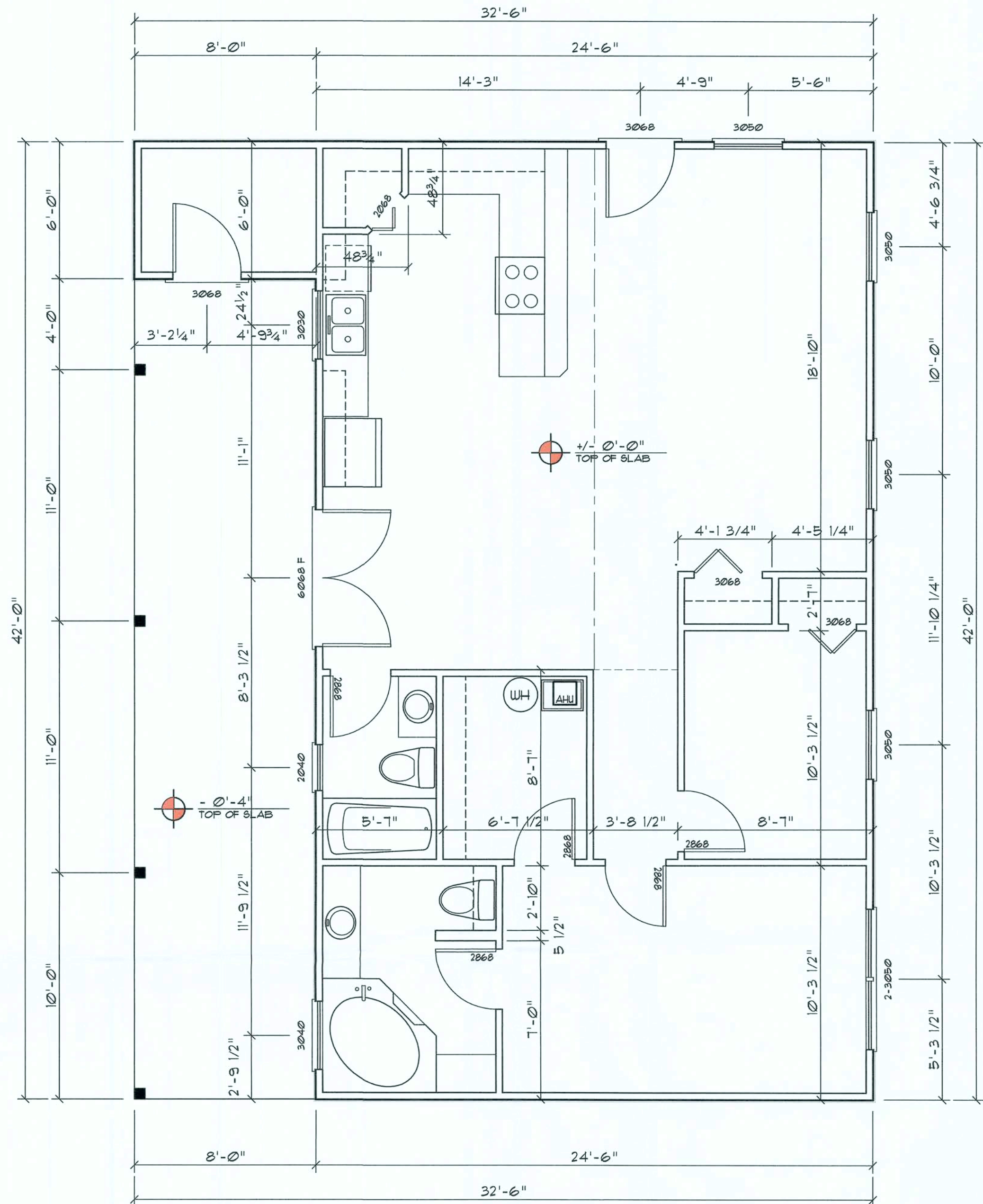
### Electrical SYMBOLS

#### POWER

- ⊕ DUPLEX WALL RECEPTACLE
- ⊕ DUPLEX WALL RECEPT, BELOW COUNTER
- ⊕ 240V + OUTLET
- ⊕ GND FAULT INTERRUPTER DUPLEX RECEPT.
- ⊕ WEATHER PROOF GFI DUPLEX RECEPT.
- ⊕ ELECTRICAL PANEL
- ⊕ ELECTRICAL PANEL
- ⊕ EXHAUST FAN
- ⊕ SMOKE DETECTOR, 120V + 30" AFF.
- ⊕ CARBON MONOXIDE DETECTOR, 120V + 12" AFF.
- ⊕ NON-FUSED DISC. SWITCH

#### LIGHTING

- ⊕ SPST WALL SWITCH
- ⊕ DPDT WALL SWITCH (3-WAY)
- ⊕ CEILING FAN, W/ LED. LIGHT FIXTURE
- ⊕ LED. LIGHT FIXTURE
- ⊕ VAPOR PROOF LED. LIGHT FIXTURE
- ⊕ 2 LAMP LED. PRISMATIC WRAP SURFACE FIXTURE
- ⊕ LED. CHANDELIER
- ⊕ SWITCH/FIXTURE WIRING
- ⊕ CONTROL WIRE / LOW VOLTAGE



## DIMENSION PLAN

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

NOTE!  
ALL INTERIOR PARTITION WALLS ARE 3 1/2" THICK, UNLESS NOTED OTHERWISE.

NOTE!  
ALL EXTERIOR WALLS ARE 2X4 STUDS W/ 1/2" THICK CDX PLYWD. SHEATHING (4")

### ELECTRICAL PLAN NOTES

- INSTALLATION SHALL BE PER 2008 NAT'L. ELECTRIC CODE.
- WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
- ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- PROVIDE & INSTALL CARBON MONOXIDE DETECTORS IN ALL BEDROOMS, # 12" ABS. FIN. FL., INTERLOCKED TOGETHER.
- 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.
- ALL RECEPTICALS, NOT OTHERWISE DESIGNATED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS.
- ALL RECEPTICALS IN KITCHEN AND BATHS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).
- ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WPGFI).
- ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP DUGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT NO., DESCRIPTION & BRKR SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPES & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

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05 JUN 2020

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DRAWN:

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PHASE ONE CUSTOM RESIDENTIAL DESIGN FOR:  
**ARCHIE and JESSICA BROWN**  
LAKE CITY, FLORIDA  
FLOOR PLAN / DIMENSION PLAN

48 Years of Service  
1972 - 2020  
N.P. Geisler, Architect  
LAKE CITY, FLORIDA  
305-385-4355

**NICHOLAS PAUL GEISLER**  
ARCHITECT  
N. GEISLER, ARCHITECTS

DATE:  
17 APR 2020

OWNER:  
2K2024

SHEET:  
A.3  
3 OF 6

1772  
05 JUN 2020  
AR0007005



WINDOW SCHEDULE				
MARK	DESCRIPTION	INSTALLATION		
2040	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 ER FLANGE, MAX. 18" O.C.	SERIES 650	-
3040	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 ER FLANGE, MAX. 18" O.C.	SERIES 650	-
3040	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 ER FLANGE, MAX. 18" O.C.	SERIES 650	-
3050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 ER FLANGE, MAX. 18" O.C.	SERIES 650	-
2-3050	SINGLE HUNG ALUM. SASH W/ INSUL. GLASS	1" ROOFING NAILS - 3 ER FLANGE, MAX. 18" O.C.	SERIES 650	-

ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED AS MANUFACTURED BY "MI HOT PRODUCTS, INC."  
- OTHER MANUFACTURERS' PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WINDESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS

NOTE, VERIFY ROUGH OPENING WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

### NOTE !!!

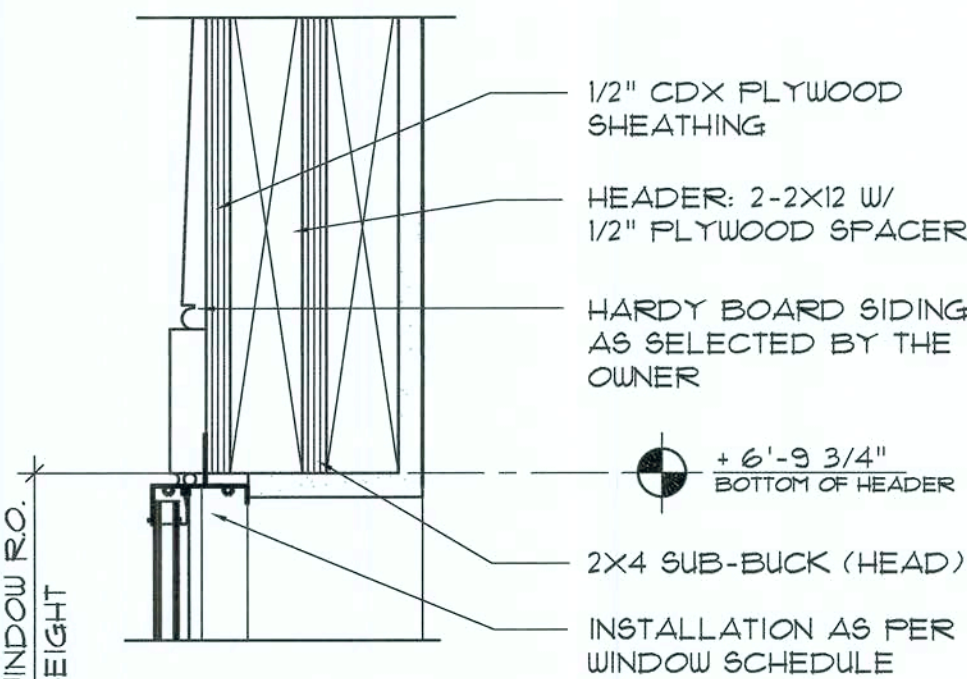
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

SERIES ENTERGY 6-8 W/E INSULING OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

### NOTE !!!

WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

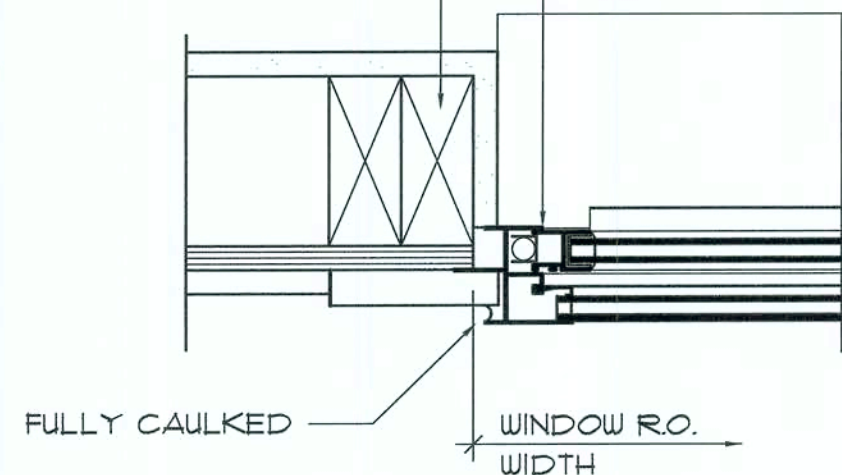
"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, NGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS, GLIDING GLASS DOORS  
PER ASTM 283, ASTM E 330 & ASTM E 541



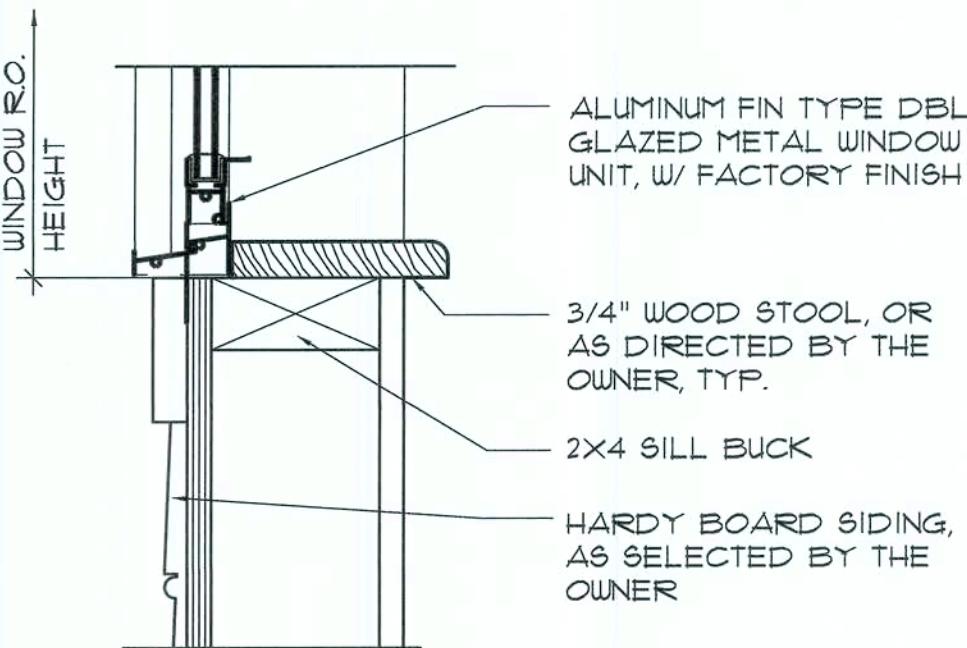
### HEAD DETAIL MTL. SASH

ALUMINUM FIN TYPE DBL.  
GLAZED METAL WINDOW  
UNIT, W/ FACTORY FINISH

2X4 SUB-BUCK (JAMB)



### JAMB DETAILS MTL. SASH



### SILL DETAIL MTL. SASH

## Typ. Window DET'S

SCALE: 3" = 1'-0"

### TEMPERED GLASS NOTES:

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:

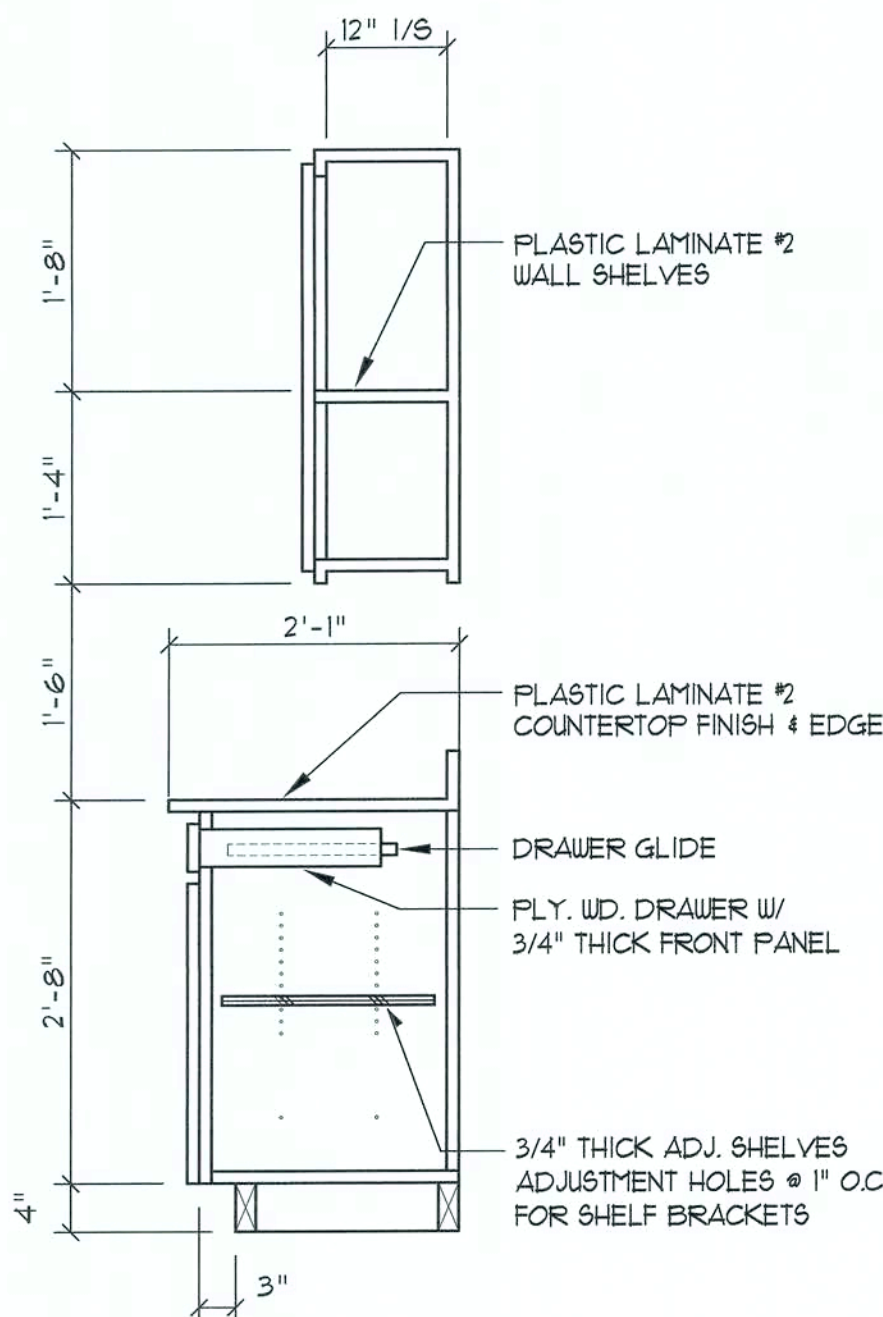
- GLAZING IN SWINGING DOORS AND FIXED AND SLIDING PANELS OF SLIDING (PATIO) DOOR ASSEMBLIES.
- GLAZING IN DOORS AND WALLS OF ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND OTHER SUCH FACILITIES WHERE SUCH GLAZING IS LOCATED 36 INCHES (914 MM) OR LESS, MEASURED HORIZONTALLY, 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 WHERE 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 2405.21(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:

- EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ FT (0.84 M<sup>2</sup>).
- BOTTOM EDGE LESS THAN 18 INCHES (457 MM) ABOVE THE FLOOR.
- TOP EDGE GREATER THAN 36 INCHES (914 MM) ABOVE THE FLOOR.
- ONE OR MORE WALKING SURFACES WITHIN 36 INCHES (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING.

NOTE!  
PROVIDE 2X6 BACKING AT ALL OVERHEAD CABINET LOCATIONS, FLUSH WITH FACE OF FRAMING - TOP OF BACKING TO BE 1'-0" AFF.



NOTE!  
THESE COUNTER DETAILS ARE GENERAL IN NATURE AND PROVIDE A BASIS FOR ACTUAL CABINET CONSTRUCTION.

## Typ. Cabinet DET'S

SCALE 3/4" = 1'-0"

### GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- 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 WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNERS" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.

- 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 INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U3333". BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GARAGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING 1/2" R-11 BATT INSULATION.
- CEILINGS OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRE CODE "IC" GIB ON 1X3 WOOD FURRING AT 16" O.C. ATTACHED W/ 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

### TERMITE 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 1042.6
- 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 HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".  
EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 106.11.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 106.12
- 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 106.13
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1016.1.4
- CONCRETE OVERFOUR AND MORETAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1016.15
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1016.16
- 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 1016.16
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1016.17
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1016.17
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2302.13
- NO WOOD, VEGETATION STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

## FLORIDA BUILDING CODE

### Compliance Summary

#### TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O.C.  
Walls: 2x4 Wood Studs @ 16" O.C.  
Floor: 4" Thk. Concrete Slab W/ Fiberglass Concrete Additive  
Foundation: 8d Ring Shank Nails per schedule on sheet A.1

#### ROOF DECKING

Material: 1/2" CD Plywood or 7/16" OSB.  
Sheet Size: 48"x36" Sheets Perpendicular to Roof Framing  
Fasteners: 8d Ring Shank Nails per schedule on sheet A.1

#### SHEARWALLS

Material: 7/16" OSB. Windows: 48" x 91", 105", 121" OR 145"  
Sheet Size: 48"x31" (105", 121" OR 145") Sheets Placed Vertical  
Fasteners: 8d Ring Shank Nails @ 4" O.C. Edges 4 8" O.C. Interior  
Dragonals: Double Top Flats (STP) W/ 2 - 16d Nails @ 12" O.C.  
Wall Studs: 2x4 SFF Studs @ 16" O.C.

#### HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H25a @ Ea. Truss End (TYP. UCN)  
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.  
Anchor Bolts: 1/2" A307 @ 48" O.C. - 1st Bolt 8" from corner  
Corner Hold-down Devices: Simpson HD2a, ea. corner

#### FOOTINGS AND FOUNDATIONS

Footings: 20"x12" Cont. W/ 2-5 Cont. 4 wire chairs @ 48" O.C.

		BUILDING COMPONENTS & CLADDING LOADS				
		MEAN BUILDING HEIGHT = 30'-0", EXPOSURE "B"				
		ROOF ANGLE 1° TO 21°				
W	Z	W	V	V	V	V
		10	10	120	130	140
ROOF 1° TO 21°	1	10	12.0 / -13.9	14.9 / -23.1	11.5 / -21.8	20.3 / -32.3
	1	20	11.4 / -13.4	13.6 / -23.0	10.9 / -21.0	18.5 / -31.4
	1	50	10.0 / -12.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
	2	10	12.5 / -34.1	14.9 / -41.3	11.5 / -48.4	20.3 / -56.2
	2	20	11.4 / -31.9	13.6 / -38.0	10.9 / -44.6	18.5 / -51.1
	2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.1
WALL	3	10	12.5 / -51.3	14.9 / -61.0	11.5 / -71.6	20.3 / -83.1
	3	20	11.4 / -47.9	13.6 / -57.1	10.9 / -67.0	18.5 / -77.1
	3	50	10.0 / -43.5	11.9 / -51.0	13.9 / -60.5	16.1 / -70.5
	4	10	21.8 / -23.6	25.9 / -34.1	30.4 / -33.0	35.3 / -38.2
	4	20	20.8 / -22.6	24.1 / -26.9	29.0 / -31.6	33.1 / -36.7
	4	50	19.5 / -21.5	23.2 / -25.4	27.2 / -29.8	31.6 / -34.6
5	10	21.8 / -29.1	25.9 / -34.1	30.4 / -40.7	35.3 / -47.2	
	20	20.8 / -27.2	24.1 / -32.4	29.0 / -38.0	33.1 / -44.0	
	50	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8	

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.41
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66

#### STRUCTURAL DESIGN CRITERIA:

- THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2011 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

- WIND LOAD CRITERIA: RISK CATEGORY: 2

BASED ON ANSI/ASCE 7-10. 2011 FBC 1609.4 WIND VELOCITY:  $V_{ULT}$  130 MPH  
 $V_{ASD}$  100 MPH

- ROOF DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: ..... 20 PSF  
SUPERIMPOSED LIVE LOADS: ..... 20 PSF
- FLOOR DESIGN LOADS:  
SUPERIMPOSED DEAD LOADS: ..... 25 PSF  
SUPERIMPOSED LIVE LOADS:  
RESIDENTIAL ..... 40 PSF  
BALCONIES ..... 60 PSF
- WIND NET UPLIFT: ARE AS INDICATED ON TRUSS SHOP DRAWINGS

### SYMBOLS

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

	4" - 0'-0" TOP OF SUB-FLOOR	TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGET ELEVATION - TRUE MEASUREMENT.
	TOP OF 19th LOG COURSE NOMINAL - 8'-8 1/2"	TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOG WALL STACK - NOMINAL ONLY.
	A	TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW
	A5	TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW
	A	TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW IS: SECTION "A" FOUND ON "D68" OF THE PROJECT MANUAL
	A5	TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW IS: SECTION "A" FOUND ON "D68" OF THE PROJECT MANUAL

### FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF./MODEL	CAP.
TRUSS TO WALL:	SIMPSON H25a	750#
HEADER TO KING STUD(S):	SIMPSON S122	1310#
PLATE TO STUD:	SIMPSON SP2	1065#
STUD TO SILL:	SIMPSON SP1	585#
PORCH BEAM TO POST:	SIMPSON PC66/EPC66	1700#
PORCH POST TO FND:	SIMPSON ABU66	2300#
MISC. JOINTS	SIMPSON A34	3157/240#

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.

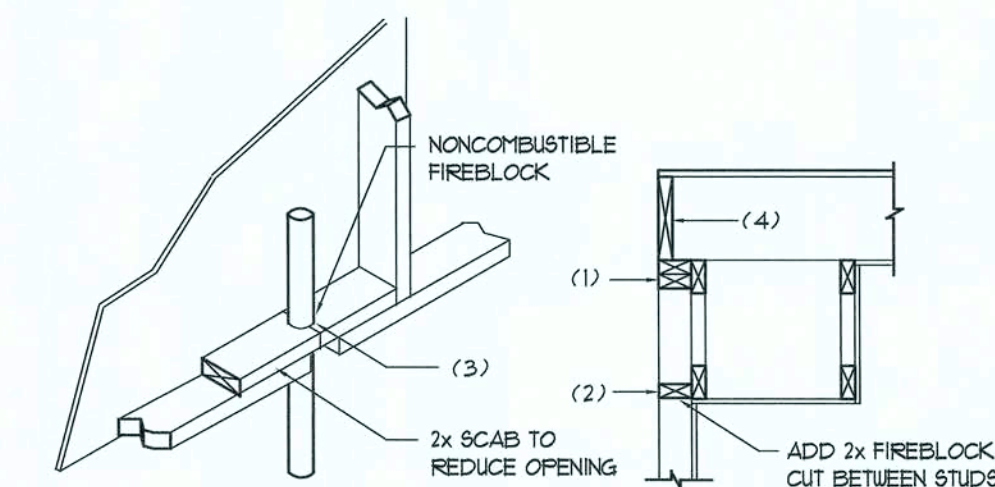
NOTE:  
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:  
"SIMPSON" PRODUCT APPROVALS:  
MIAMI/DADE COUNTY REPORT #31-0107.05, #36-1126.11, #39-0623.04  
BCCI NER-443, NER-393

### GENERAL NAILING SCHEDULE:

NUMBER OF NAILS FOR CONNECTING WOOD MEMBERS:	COMMON NAILS	Nr. / SPACING
BRIDGING TO JOIST, TOE NAIL	16d	2 EA. END
2" SUBFLOOR TO JOIST		
BLIND & FACE NAILING	16d	2
SOLE PLATE TO JOIST OR BLOCKING		
FACE NAILED	16d	16" O.C.
TOP OR SOLE PLATE TO STUD		
END NAILED	16d	2
STUD TO SOLE PLATE, TOE NAILED	8d	3 OR 2 16d
DOUBLE STUDS, FACE NAILED	16d	24" O.C.
DOUBLE TOP PLATES, FACE NAILED	16d	16" O.C.
TOP PLATES - LAPS & INTERSECTIONS		
FACE NAILED	16d	2
1 X 6 SHEATHING TO EACH POINT OF BEARING, FACE NAILED	8d	2
BUILT-UP CORNER STUDS, FACE NAILED	16d	
BUILT-UP GIRDERS & BEAMS	20d	30" O.C. @ TOP & BOTTOM 4 STAGGERED - 2 @ EA. END 2 @ SPLICES
3/4" PLYWOOD SUBFLOORING	8d	16" O.C. @ EDGES 10" O.C. @ INTERMEDIATE
OSB SHEATHING, 7/16" THICK	8d	6" O.C. @ EDGES 10" O.C. @ INTERMEDIATE
1/8" FIBERBOARD SHEATHING	6d	3" O.C. @ EDGES 6" O.C. @ INTERMEDIATE

- NAILS, BOLTS AND OTHER METAL CONNECTORS WHICH ARE USED IN LOCATIONS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT.
- IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DISTANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERETO, OR GREATER.
- THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.
- GLUING SHALL NOT BE CONSIDERED AN ACCEPTABLE CONNECTOR IN LIEU OF THOSE SPECIFIED HEREIN.
- FORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, SHALL HAVE THE NUMBER OF NAILS INSTALLED AS REQUIRED BY THE MANUFACTURER, OR AS DIRECTED BY THE PLANS.
- NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL BE CLINCHED, WHEREVER POSSIBLE.
- NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.



#### PENETRATIONS

#### SOFFIT/DROPPED CLG.

#### FIREBLOCKING NOTES:

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

- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROFANEL MULTIFLEX SEALANT"
- 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.

## Fire Stopping DET'S

SCALE: NONE

REVISION:

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N.P. Geisler, Architect

DRAWN:

198

PHASE ONE CUSTOM RESIDENTIAL DESIGN FOR:  
**ARCHIE and JESSICA BROWN**  
LAKE CITY, FLORIDA  
ARCHITECTURAL DETAILS / STRUCTURAL INFORMATION



DATE:

11 APR 2020

CODE:

2K2024

SHEET:

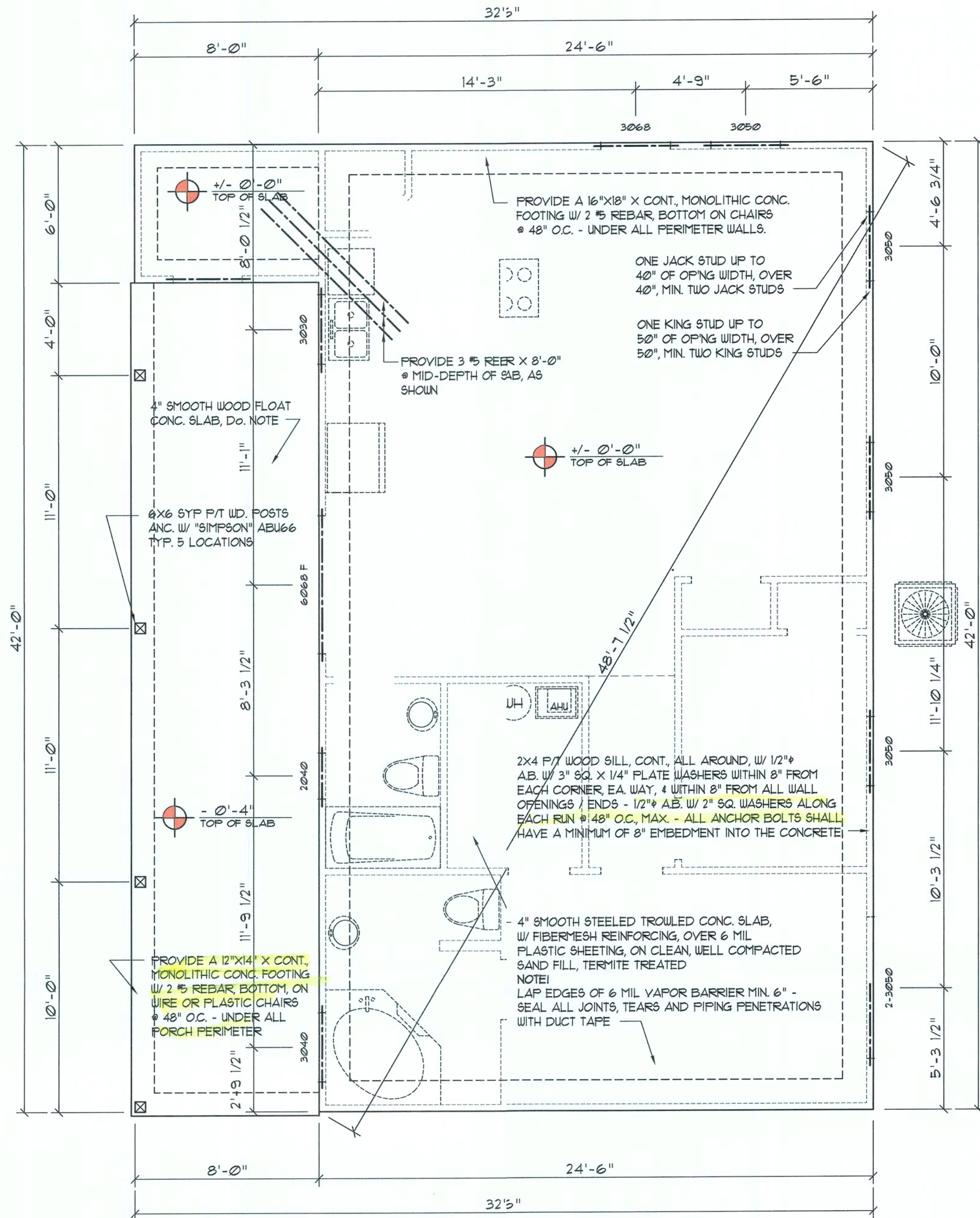
A.4

4 OF 6





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## FOUNDATION PLAN

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

EXTERIOR WALL SHEATHING:  
APPLY VERTICALLY, "WINDSTORM" 1/16" OSB 48" x 1", 120's, 121" or 145" SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS @ 3" O.C. OR 8d RS NAILS @ 8" O.C. FASTEN TO EACH STUD WITH EITHER 6d RS NAILS @ 6" O.C. OR 8d RS NAILS @ 8" O.C.

..... SHEAR WALL SEGMENTS, SEE V6  
(ALL EXT. WALLS, LESS DOOR OPENINGS)

NOTE!  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2011 FBC 1609 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.

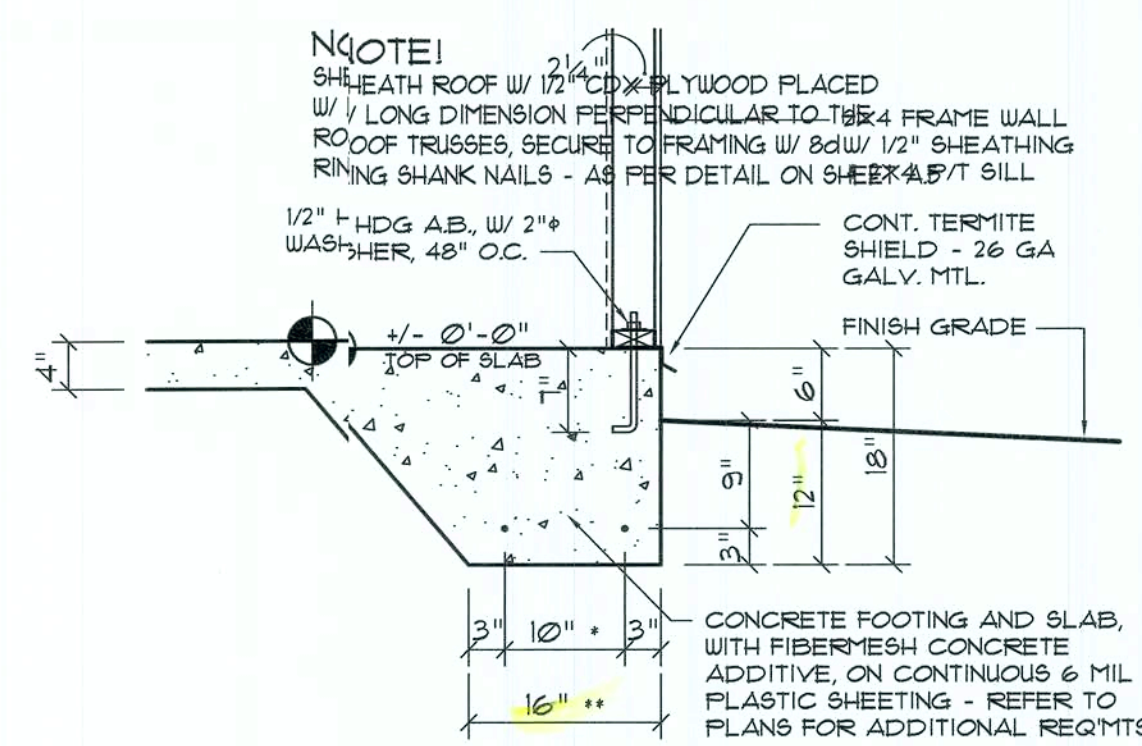
NOTE!  
PLUMBING CONTRACTOR SHALL PREPARE "A-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF A-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!  
H.V.A.C. CONTRACTOR SHALL PREPARE "A-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR. SHALL PROVIDE 1 COPY OF A-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

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 400 LB 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 REVIEWING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

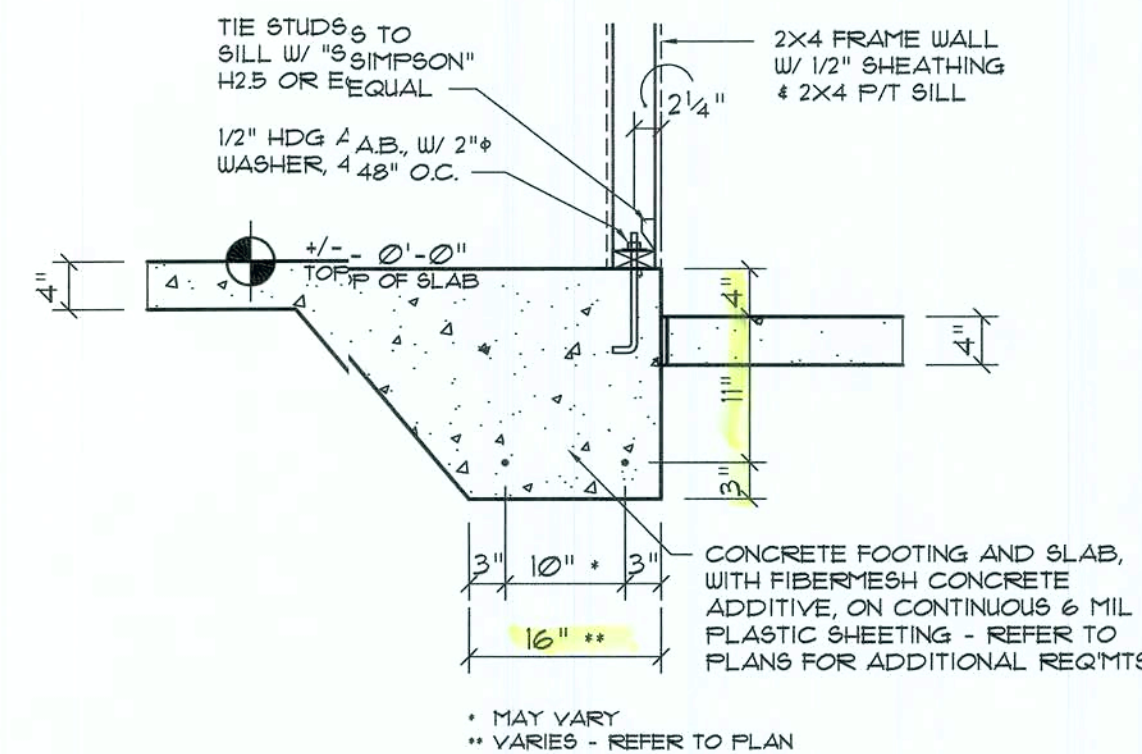
## CONSTRUCTION NOTES

- FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
- ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 2011 FBC - SEE A6
- PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.
- VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.
- CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLEARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
- ROOF & FLOOR TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS.
- SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNER'S RECOMMENDED BUILDING PROCEDURES, CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
- L.P. GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.
- DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.



## Typ. Mono. Ftg. DET. A

SCALE: NONE



## Typ. Mono. Ftg. DET. B

SCALE: NONE

## GENERAL TRUSS NOTES:

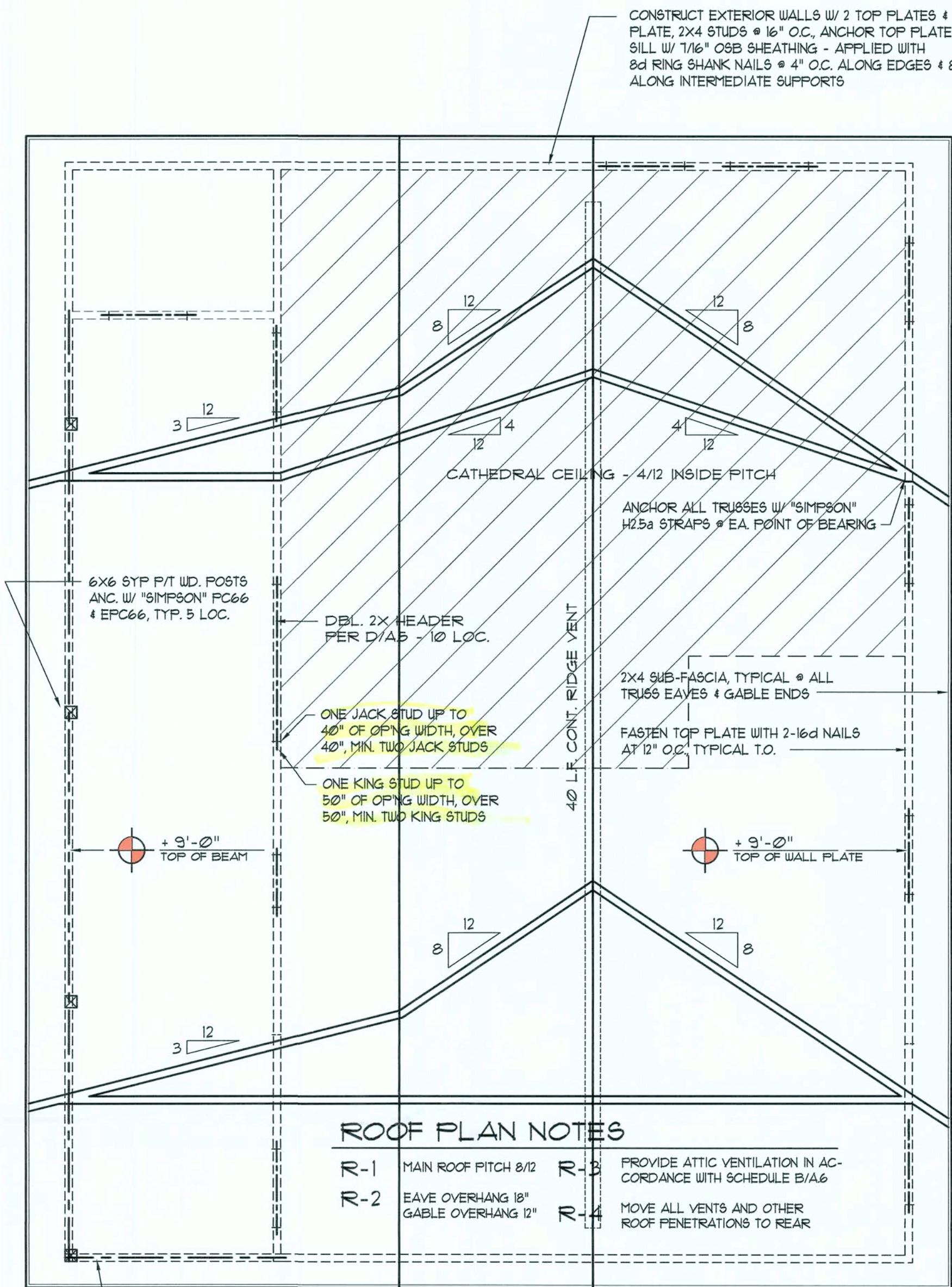
- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR STRESS RATED LUMBER AND ITS CONNECTIONS, LATEST ED. ALONG WITH THE TRUSS PLATE INSTITUTE'S SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR ORDERS. 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 CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

## WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SO ENGAGED, TEMPORARY & PERMANENT BRACING OF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN 1 1/2" HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT & REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

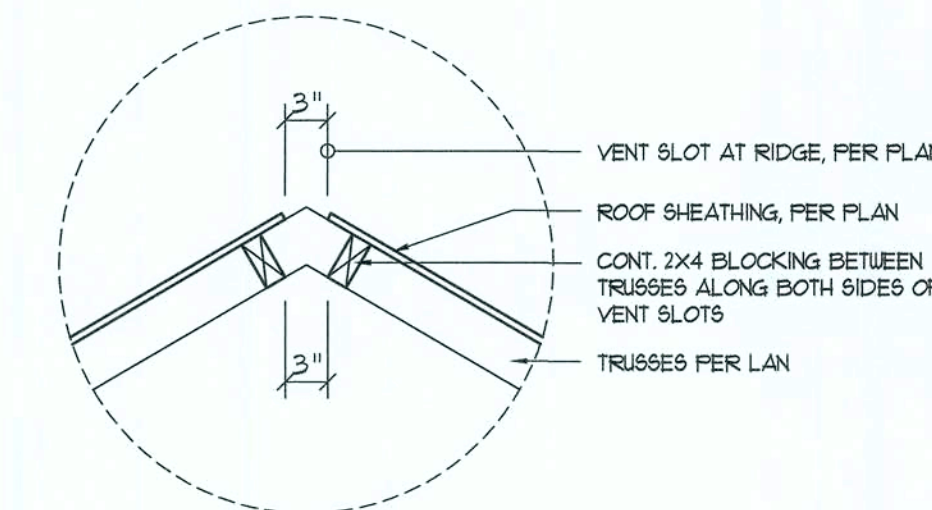
## CONCRETE GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 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 PERFORMED 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. COMPACTATION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 5000 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A633, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS - 85 KSI.
- 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 PLACEMENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.



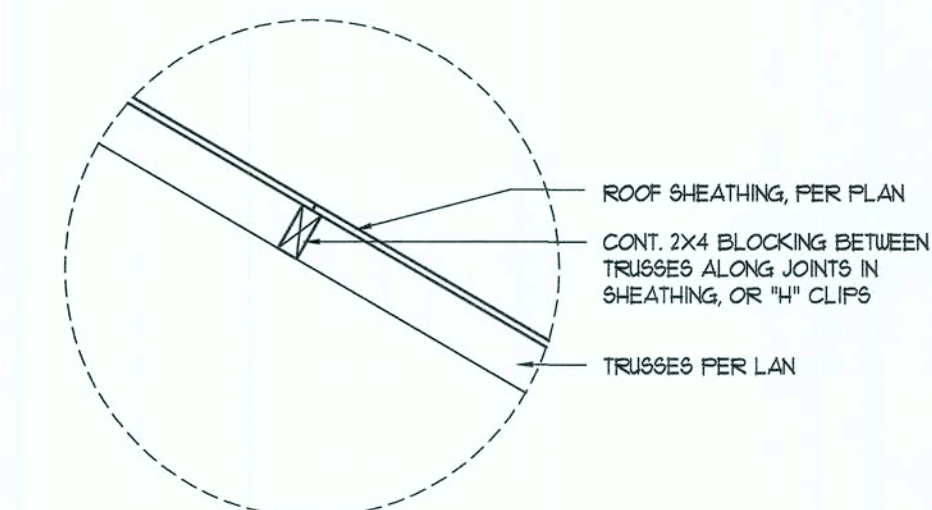
## ROOF PLAN

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



## Vent DETAIL

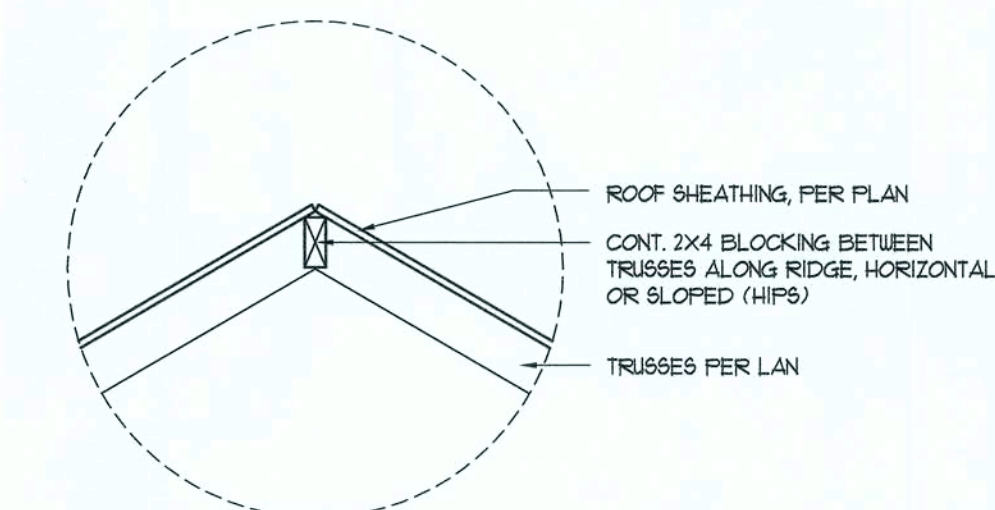
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## Joint DETAIL

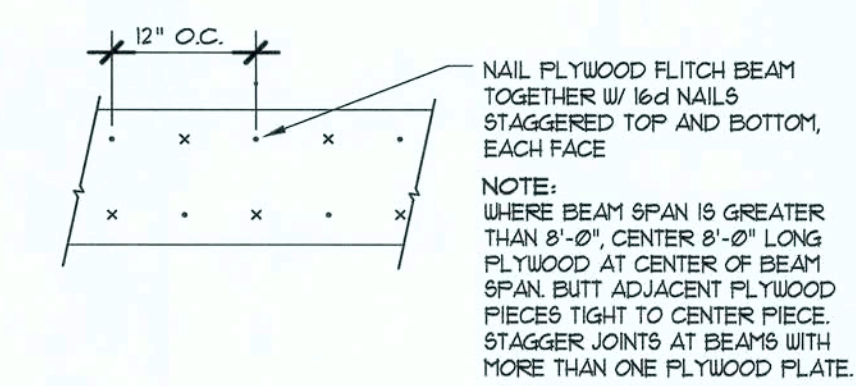
SCALE: NONE

NOTE!  
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d RING SHANK NAILS @ 4" O.C. ALONG EDGES & 8" O.C. ALONG INTERMEDIATE SUPPORTS



## Ridge DETAIL

SCALE: NONE



## B/U Beam DETAILS

SCALE: NONE

REVISIONS:  
05 JUN 2020

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NPG

PHASE ONE CUSTOM RESIDENTIAL DESIGN FOR:  
**ARCHIE and JESSICA BROWN**  
LAKE CITY, FLORIDA  
FOUNDATION PLAN and ROOF PLAN

48 Years of Service  
1972 - 2020  
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**NICHOLAS PAUL GEISLER**  
ARCHITECT  
NCA #0007005

DATE:  
17 APR 2020

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5 OF 6

APR 20 2020  
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