

GENERAL NOTES:

DISCLAIMER

1. THE FOLLOWING SPECIFICATIONS ARE AN OUTLINE OF MINIMUM MATERIAL REQUIREMENTS AND THEIR APPLICATION. MANUFACTURER SPECIFICATION AND LOCAL CODE REQUIREMENTS, WHEN IN EXCESS OF MINIMUM SPECIFICATION, SHALL CONTROL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND SUBMIT ALL SHOP DRAWINGS AND REPORT ALL DOCUMENT DISCREPANCIES TO THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR ERECTION.
2. AT CONSTRUCTION ISSUE, THESE DRAWING REPRESENT STRUCTURAL COMPONENTS IN THEIR FINAL AND FINISHED STATE. CONSTRUCTION PROCEDURES, BRACING METHODS, SAFETY PRECAUTIONS OR MECHANICAL REQUIREMENTS USED TO ERECT THEM ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR OR SUBCONTRACTOR PERFORMING THE WORK.

BUILDING DESIGN CRITERIA:

A. CODES

2018 INTERNATIONAL RESIDENTIAL CODE
BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318)
BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (ACI 531)
ASCE 7-16

B. DESIGN LOADS

FLOOR DEAD LOAD 20 PSF
FLOOR LIVE LOAD 40 PSF
ROOF DEAD LOAD 16 PSF
ROOF LIVE LOAD 20 PSF - REDUCIBLE

C. WIND LOADS PER ASCE 7-16 & 2018 IBC

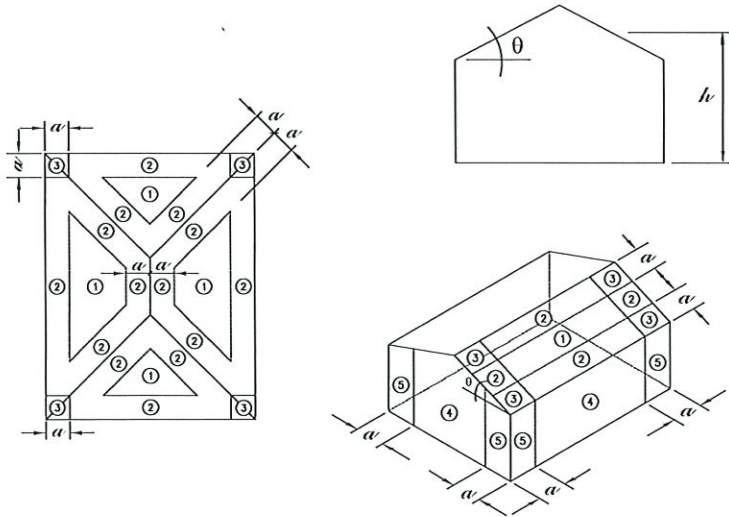
RISK CATEGORY II
ULTIMATE DESIGN WIND SPEED, $V_{ult} = 160$ MPH
NOMINAL DESIGN WIND SPEED, $V_{std} = 124$ MPH *
EXPOSURE CATEGORY = C
MEAN ROOF HEIGHT, $h = \pm 30$ FEET
ADJUSTMENT FACTOR FOR HEIGHT AND EXPOSURE, $K_{zt} = 1.40$
TOPOGRAPHIC FACTOR, $K_{xt} = 1.00$
 $\alpha = \pm 3$ FEET
ROOF SLOPE, $\theta = \frac{1}{2} = 14.0^\circ$

COMPONENTS AND CLADDING DESIGN PRESSURES **
REFERENCE: FIGURE 30.5-1 & SECTION 30.5.2 OF ASCE 7-16

ZONE		TRIB. AREA	COMPONENT PRESSURE		
			POSITIVE (+)	NEGATIVE (-)	
ROOF	1	10	+22.7	-36.0	
		20	+20.7	-35.0	
		50	+18.1	-33.7	
		100	+16.0	-32.5	
	2	10	+22.7	-62.7	
		20	+20.7	-57.7	
		50	+18.1	-51.1	
		100	+16.0	-46.1	
	3	10	+22.7	-92.7	
		20	+20.7	-86.7	
50		+18.1	-78.7		
100		+16.0	-72.7		
WALL	4	10	+39.3	-42.7	
		20	+37.5	-40.9	
		50	+35.5	-38.5	
		100	+33.5	-36.8	
	5	10	+39.3	-52.6	
		20	+37.5	-49.1	
		50	+35.5	-44.5	
		100	+33.5	-40.9	

REFERENCE FIGURES BELOW

DESIGN ALL WINDOWS AND DOORS AS
IMPACT RESISTANCE FOR PRESSURE ABOVE



LUMBER

1. UNLESS NOTED OTHERWISE, ALL LUMBER SHALL BE #2 KD SOUTHERN YELLOW PINE OR #2 SPRUCE PINE FIR WITH A MAXIMUM MOISTURE CONTENT OF 19 PERCENT.
2. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENT SHALL BE PRESSURE TREATED.
3. EXTERIOR LOAD-BEARING STUD FRAMING SHALL BE NO. 2 SYP OR SPF: $F_b=1000$, $E=1400$ KSI.
4. UNLESS NOTED OTHERWISE, ALL EXTERIOR WALL SHEATHING TO BE 15/32" PLYWOOD ATTACHED DIRECTLY TO WALL FRAMING MEMBERS. BLOCK ALL PANEL EDGES AND NAIL WITH 8d COMMON NAILS @ 4"o.c. AT ALL PANEL EDGES, BLOCKING, AND TOP & BOTTOM PLATES WITH FIELD NAILING @ 12"o.c.
5. ALL PLYWOOD PANELS SHALL BE INSTALLED IN ACCORDANCE WITH APA RECOMMENDATIONS AND RELATED SPECIFICATIONS. ORIENTED STRAND BOARD "OSB" MAY BE SUBSTITUTED FOR PLYWOOD WHERE APPROVED BY THE ARCHITECT/ENGINEER AND PROVIDED THE PANELS CONFORM TO THE APPROPRIATE APA RATINGS FOR THE INTENDED APPLICATION.
6. PROVIDE A MINIMUM OF 2 STUDS NAILED TOGETHER BENEATH ALL HEADERS UNLESS NOTED OTHERWISE. USE AT LEAST 2-2x10 HEADER FOR ALL OPENINGS UP TO 4'-0" WIDE IN BEARING WALLS. USE AT LEAST 3-2x10 HEADER FOR ALL OPENINGS UP TO 8'-0" WIDE IN BEARING WALLS.
7. ALL MULTIPLE PIECE WOOD BEAMS SHALL BE CONNECTED TOGETHER WITH MINIMUM TWO ROWS OF 16d NAILS @ 12"o.c. (U.N.O.).
8. AS A MINIMUM, ANCHOR AND NAIL FRAMING SHALL COMPLY WITH "TABLE 2304.9.1 - FASTENING SCHEDULE" OF THE 2018 INTERNATIONAL BUILDING CODE.
9. ALL BOLTS, NAILS, JOIST HANGERS, CLIPS, STRAPS, ETC. THAT ARE IN CONTACT WITH PRESSURE TREATED MATERIAL SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
10. ALL CONNECTORS AND HARDWARE SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SIZE, QUANTITY, AND LOCATION OF NAILS AND FASTENERS SHALL CONFORM TO THE MANUFACTURER'S PUBLISHED LITERATURE.

FOUNDATIONS:

1. NO SOILS REPORT HAS BEEN PREPARED FOR THIS PROJECT, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ADEQUATE SOIL SUPPORT FOR THE FOUNDATION DESIGN, AND SHALL REPORT UNEXPECTED CONDITIONS TO THE DESIGNER.
2. ALL FOOTINGS, OR PORTIONS THEREOF, BELOW GRADE MAY BE EARTH FORMED BY NEAT EXCAVATIONS.
3. FOOTINGS TO BE CENTERED ON WALLS OR COLUMNS UNLESS NOTED OTHERWISE.
4. ALLOWABLE SOIL BEARING = 1500 psf
5. COMPACT ALL SOILS BELOW SLAB AND FOOTINGS 95% STANDARD PROCTOR DENSITY.
6. ALL SOIL FILL TO BE PLACED IN 8" LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.

CONCRETE WORK:

1. CONCRETE (NORMAL WEIGHT) COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 3000 PSI UNLESS NOTED.
2. ALL REINFORCING SHALL MEET ASTM A615, GRADE 60. ALL WELDED WIRE FABRIC (WWF) SHALL MEET ASTM A185.
3. CONCRETE COVERAGE OF REINFORCEMENT SHALL BE:
FOOTINGS 3" BOTTOM AND SIDES
WALLS 1 1/2"
SLABS 3/4"
PEDESTALS 1 1/2" CLEAR OF TIES
4. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PLACEMENT".
5. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE I OR II.
6. ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C 33.
7. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED PER CRSI AND ACI STANDARDS, INCLUDING CONCRETE COVER AND BAR SUPPORTS. LAP BARS AT ALL SPLICES, INCLUDING CORNER BARS AND DOWELS, IN ACCORDANCE WITH SPLICE SCHEDULE OR IN LIEU THEREOF 40 BAR DIAMETERS. LAP WWF 6" OR ONE FULL MESH, WHICHEVER IS GREATER.

WIND BORNE DEBRIS PROTECTION FOR EXTERIOR WINDOWS IRC 2018

1. WINDOWS TO BE DESIGNED FOR A DESIGN WIND PRESSURE OF ± 40 PSF, REFERENCE CHART.
2. *THE CONTRACTOR SHALL PROVIDE PLYWOOD PROTECTION FOR THE EXTERIOR WINDOWS IN ACCORDANCE WITH R613.4 WIND BORNE DEBRIS PROTECTION IN THE 2018 INTERNATIONAL RESIDENTIAL CODE.
3. THE CONTRACTOR SHALL PROVIDE WIND BORNE DEBRIS FASTENERS FOR THE WOOD STRUCTURAL PANELS IN ACCORDANCE WITH TABLE R301.2.1.2 IN THE 2018 INTERNATIONAL RESIDENTIAL CODE.
4. THE CONTRACTOR SHALL PROVIDE WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 1/2" AND A MAXIMUM SPAN OF 8 FEET IN ACCORDANCE WITH R301.2.1.2 INTERNAL PRESSURES IN THE 2018 INTERNATIONAL RESIDENTIAL CODE.
5. *AN OPTION TO THE PLYWOOD PROTECTION, THE CONTRACTOR MAY USE IMPACT RESISTANT WINDOWS.



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STRUCTURAL NOTES

Revisions	description	
	date	

PLANS FOR
RANDY YOUNG
RESIDENCE

DRAWN BY : HN

DATE: 1-2-25

SCALE NONE

SHEET NUMBER :

1

NECAISE DESIGN
ALL RIGHTS RESERVED

NECAISE DESIGN

228-493-1046

FRONT ELEVATION



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228-493-1046

Revisions

date	description

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DATE: 1-2-25

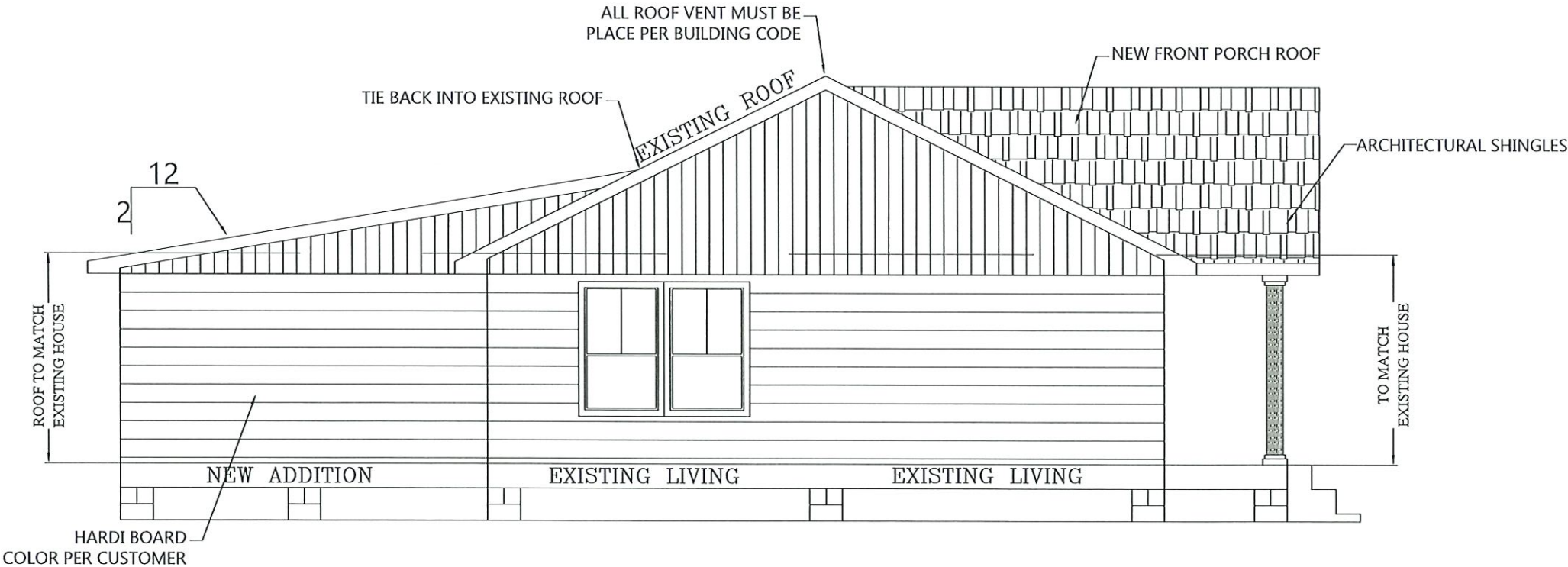
SCALE 3/8" =1'-0"

SHEET NUMBER :

2

NECAISE DESIGN
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LEFT ELEVATION



RAFTER SPANS

RAFTER SPANS FOR SOUTHERN PINE SPECIES
(LIVE LOAD = 20 PSF, LA=240 DEAD LOAD =10PSF)

SIZE	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT-IN)
2"x8"	12.0	12'-11"
	16.0	11'-2"
	19.2	10'-2"
	24.0	9'-2"
2"x8"	12.0	16'-4"
	16.0	14'-2"
	19.2	12'-11"
	24.0	11'-7"
2"x10"	12.0	19'-6"
	16.0	18'-10"
	19.2	16'-4"
	24.0	13'-9"
2"x12"	12.0	22'-10"
	16.0	19'-10"
	19.2	18'-1"
	24.0	16'-2"

NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018
TABLE R802.4.1 (3)

CEILING JOIST SPANS

CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES
UNINHABITABLE ATTIC WITHOUT STORAGE
(LIVE LOAD = 20 PSF, LA=240 DEAD LOAD =10PSF)

SIZE	SPACING (INCHES)	VISUALLY GRADED SOUTHERN PINE MAX CEILING JOIST SPAN (FT-IN)
2"x4"	12.0	9'-3"
	16.0	8'-0"
	19.2	7'-4"
	24.0	6'-7"
2"x6"	12.0	13'-11"
	16.0	12'-0"
	19.2	11'-0"
	24.0	9'-10"
2"x8"	12.0	17'-7"
	16.0	16'-3"
	19.2	13'-11"
	24.0	12'-8"
2"x10"	12.0	20'-11"
	16.0	18'-1"
	19.2	16'-8"
	24.0	14'-9"

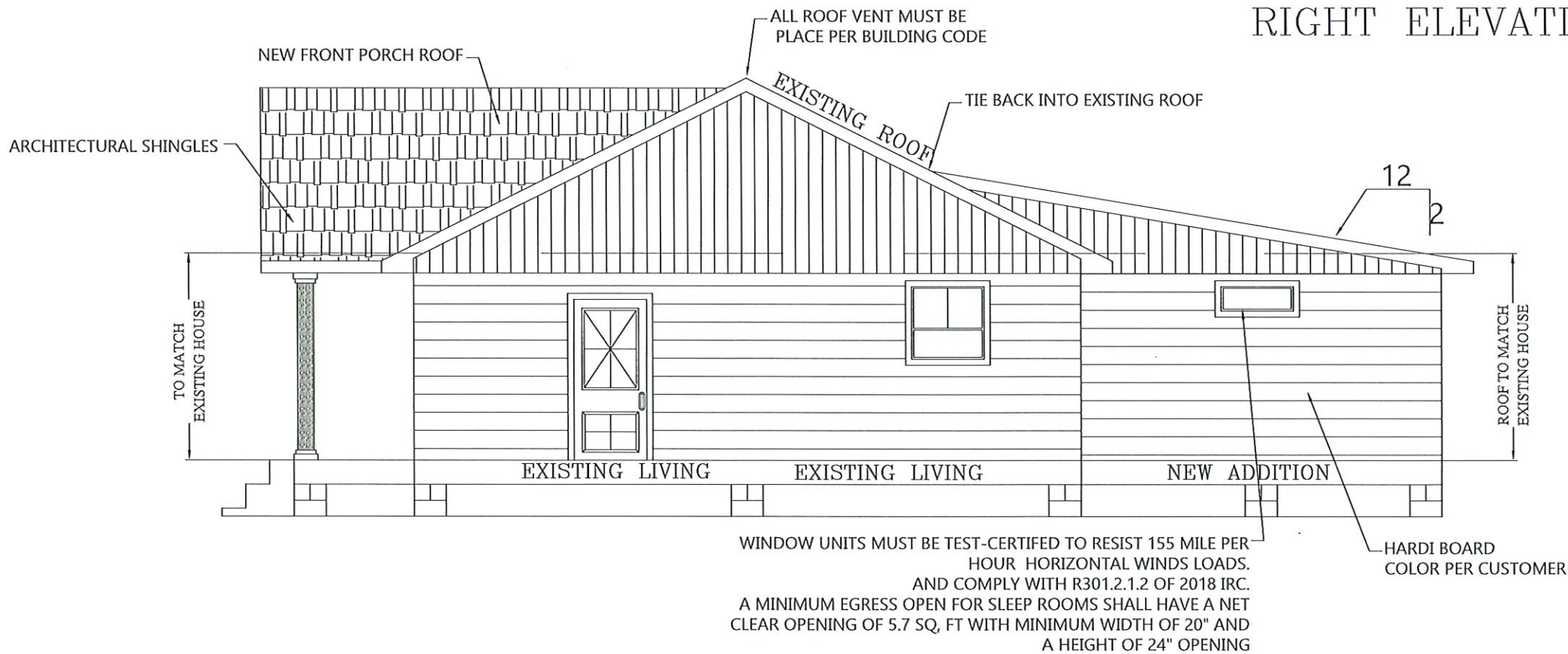
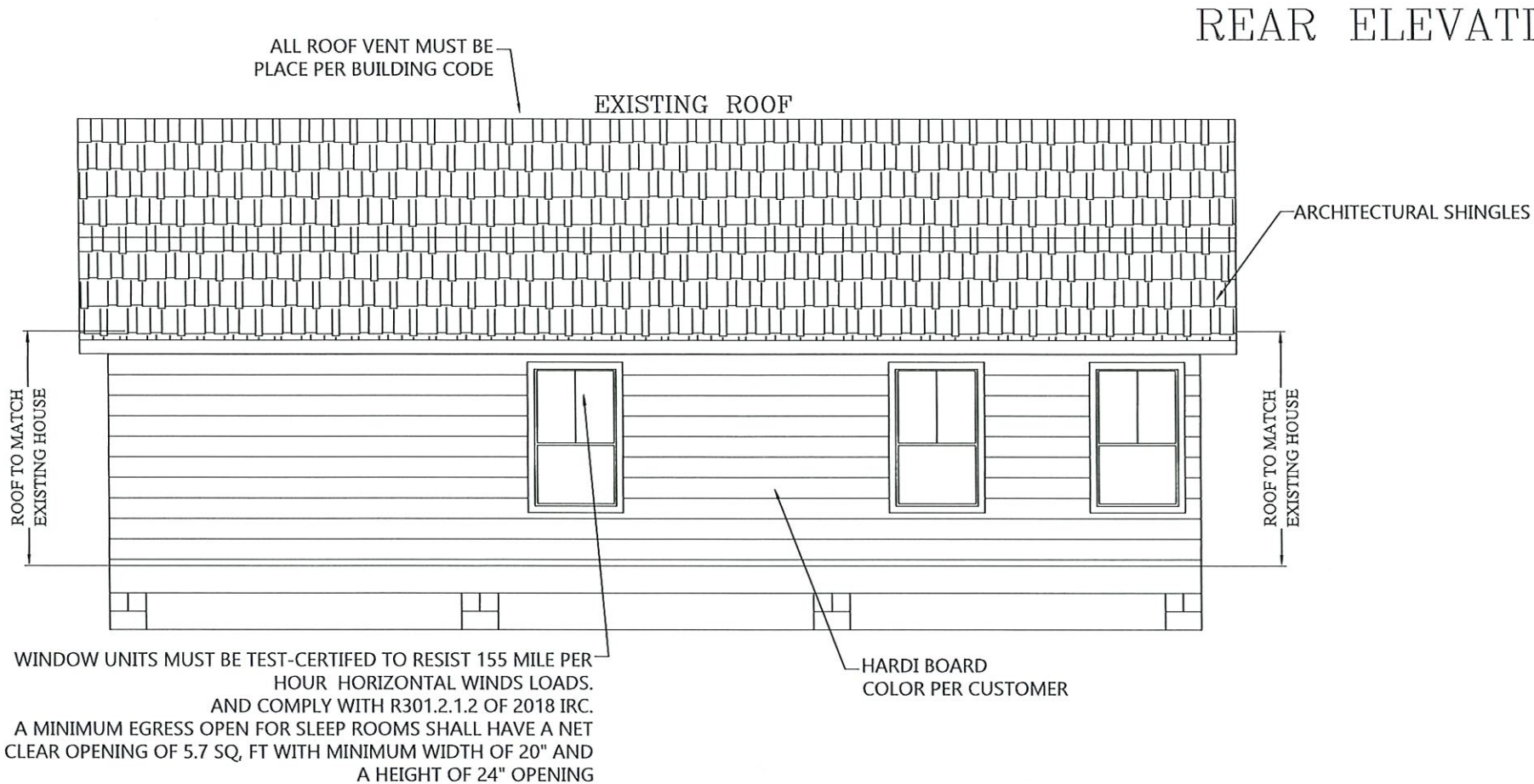
NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018
TABLE R602.5.1 (2)

GEN. NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL STATE AND LOCAL CODES, REGULATIONS AND FHA/VA MPS.
2. IT IS THE RESPONSIBILITY OF THE OWNER AND OR GENERAL CONTRACTOR TO CHECK ALL DIMENSION FOR THE JOB BEFORE CONSTRUCTION.
3. CONTRACTOR SHALL INSURE COMPATIBILITY OF THE BUILDING WITH SITE REQUIREMENTS.
4. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING AND VERIFYING ALL STRUCTURAL DETAILS AND CONDITIONS TO MEET ALL LOCAL CODES AND TO INSURE A QUALITY AND SAFE STRUCTURE .
5. ALL FEDERAL STATE AND LOCAL CODES, ORDINANCE.REGULATION,ETC SHALL BE CONSIDERED AS PART OF THE SPECIFICATION FOR THIS BUILDING AND TAKE PREFERENCE OVER ANYTHING SHOWN, DESCRIBED OR IMPLIED WHERE SAME WHERE ARE VARIANCE.
6. STAMPED/APPROVED PLAN (CITY) MUST BE ON SITE FOR ALL INSPECTION.
7. PROOF OF TERMITE TREATMENT SHALL BE SHOWN AT TIME OF FOOTING INSPECTION(CUSTOMER WANTS TERMITE TREATMENT ON ALL WALLS)
8. OWNER MUST SUPPLY SPECIFICATIONS ON ANY/ALL MANUFACTURED/ENGINEERED MEMBERS/MATERIALS INCLUDING SPANS,LOADS,LAYOUT,FASTENING DETAIL(130MPH) ETC (BEAM,JOIST,TRUSSES.METAL ROOFS,GARAGE DOORS.LIFTS/ELEVATORS,ETC.)
9. ALL STRAPPING MUST BE HOT DIPPED GALVENIZED OR STAINLESS STEEL. STRAPS MUST REFERENCE 2018 IRC FOR TYPICAL METHODS OF ANCHORAGE AND BRACING.STRAP INSPECTION ARE REQUIRED PRIOR TO COVERING.
10. ALL SHINGLES OR METAL ROOFING MUST MEET 130 MPH SUSTAINED AMD 140 MPH 3 SECOND GUST.
11. ALL 6" GUTTERS WILL BE PER CUSTOMER

RAFTER SPANS		
RAFTER SPANS FOR SOUTHERN PINE SPECIES (LIVE LOAD = 20 PSF, LA=240 DEAD LOAD =10PSF)		
SIZE	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT-IN)
2"x8"	12.0	12'-11"
	16.0	11'-2"
	19.2	10'-2"
	24.0	9'-2"
2"x8"	12.0	16'-4"
	16.0	14'-2"
	19.2	12'-11"
	24.0	11'-7"
2"x10"	12.0	19'-5"
	16.0	16'-10"
	19.2	15'-4"
	24.0	13'-9"
2"x12"	12.0	22'-10"
	16.0	19'-10"
	19.2	18'-1"
	24.0	16'-2"
NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018 TABLE R802.4.1 (3)		
CEILING JOIST SPANS		
CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES UNINHABITABLE ATTIC WITHOUT STORAGE (LIVE LOAD = 20 PSF, LA=240 DEAD LOAD =10PSF)		
SIZE	SPACING (INCHES)	VISUALLY GRADED SOUTHERN PINE MAX CEILING JOIST SPAN (FT-IN)
2"x4"	12.0	9'-3"
	16.0	8'-0"
	19.2	7'-4"
	24.0	6'-7"
2"x6"	12.0	13'-11"
	16.0	12'-0"
	19.2	11'-0"
	24.0	9'-10"
2"x8"	12.0	17'-7"
	16.0	16'-3"
	19.2	13'-11"
	24.0	12'-6"
2"x10"	12.0	20'-11"
	16.0	18'-1"
	19.2	16'-6"
	24.0	14'-9"
NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018 TABLE R802.5.1 (2)		

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 9. ALL STRAPPING MUST BE HOT DIPPED GALVENIZED OR STAINLESS STEEL. STRAPS MUST REFERENCE 2018 IRC FOR TYPICAL METHODS OF ANCHORAGE AND BRACING.STRAP INSPECTION ARE REQUARED PRIOR TO COVERING.
 10. ALL SHINGLES OR METAL ROOFING MUST MEET 130 MPH SUSTAINED AMD 140 MPH 3 SECOND GUST.
 11. ALL 6" GUTTERS WILL BE PER CUSTOMER



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NECAISE DESIGN

228-493-1046

Revisions	
date	description

PLANS FOR
RANDY YOUNG
RESIDENCE

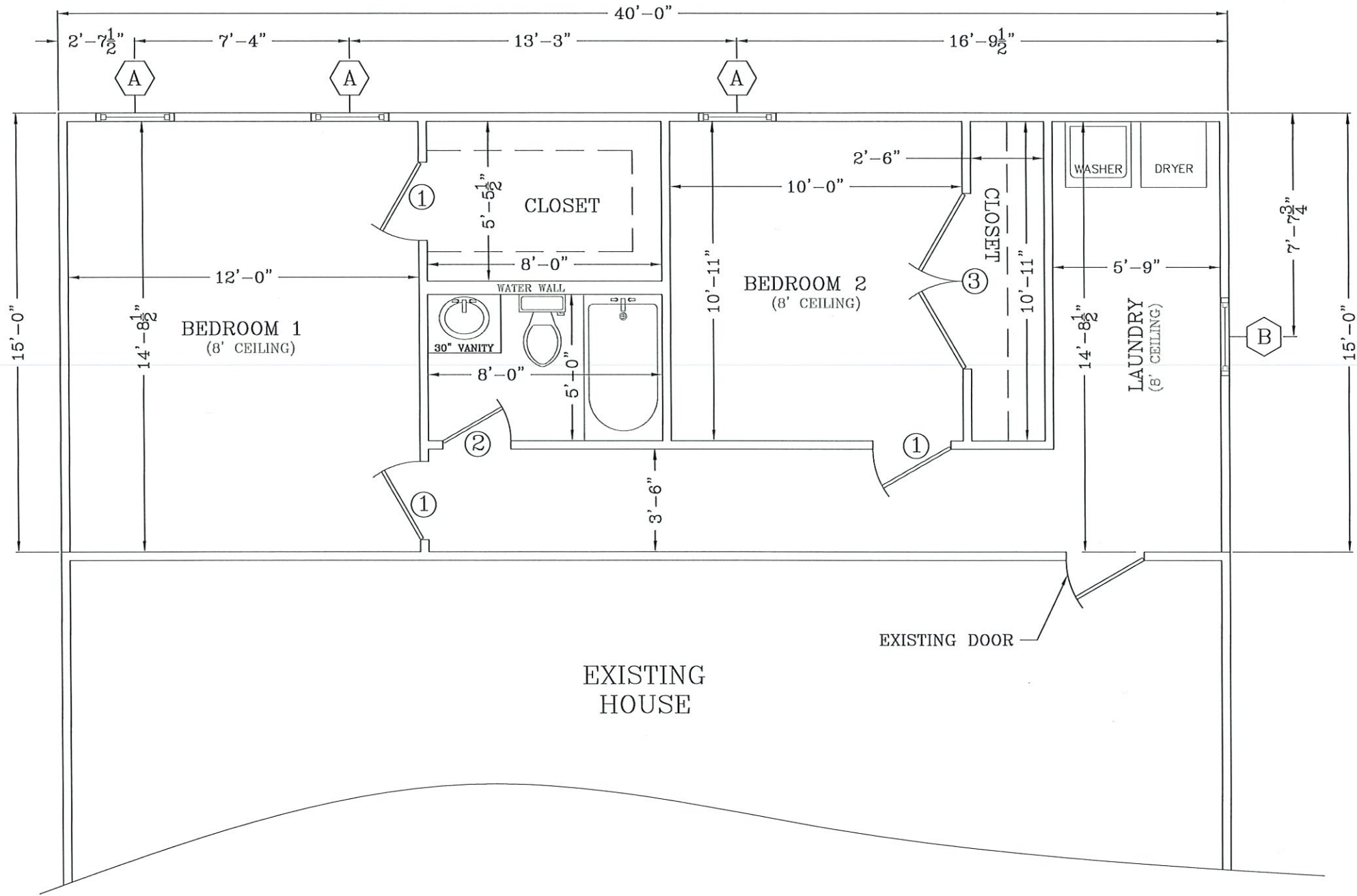
DRAWN BY : HN

DATE: 1-2-25

SCALE 3/8" =1'-0"

SHEET NUMBER :
2A

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DOOR SCHEDULE	
MK	DESCRIPTION
1	2'-8" X 6'-8" INT. DOOR UNIT
2	2'-4" X 6'-8" INT. DOOR UNIT
3	3'-0" X 6'-8" INT. DOUBLE DOOR UNIT
4	
5	
WINDOW SCHEDULE	
MK	DESCRIPTION
A	3'-0" X 5'-0" WINDOW
B	3'-0" X 1'-0" WINDOW

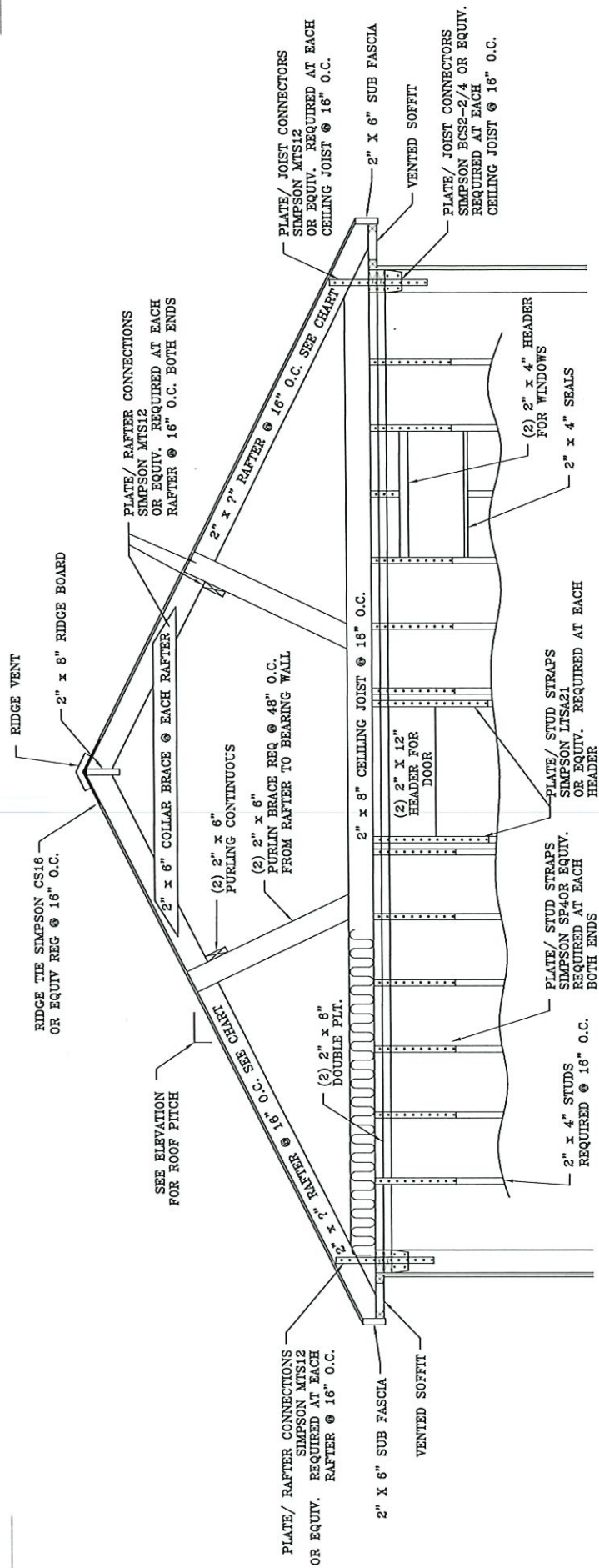
NOTES:
1) ALL WALLS 2" X 4"
UNLESS OTHER WISE NOTED

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FLOOR & ELECTRICAL
PLAN
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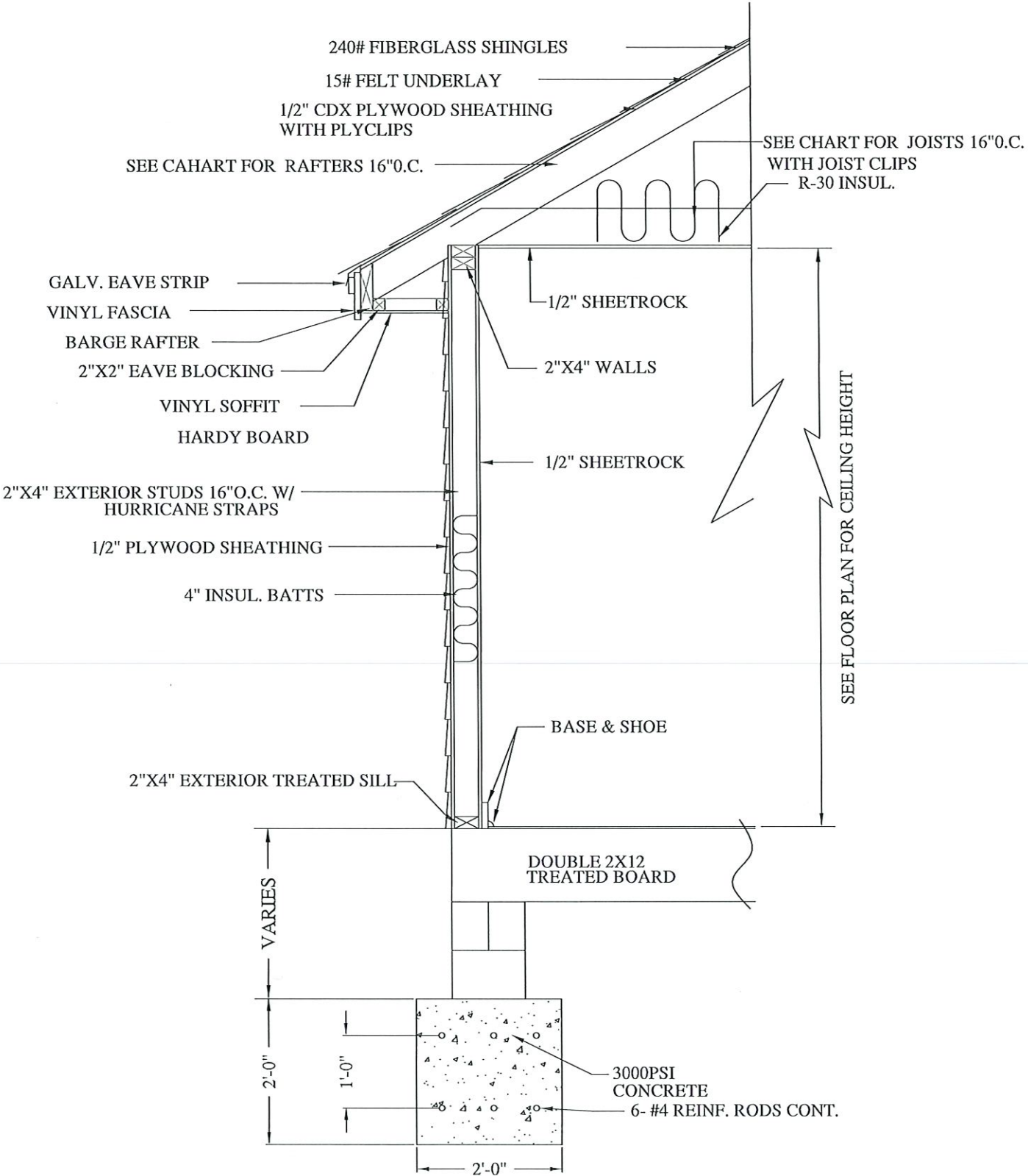
Revisions	
date	description

PLANS FOR
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NOTES:

- 1) ALL CONSTRUCTION TO MEET OR EXCEEDS LOCAL, STATE, AND FEDERAL BUILDING CODES
- 2) CONTRACTOR TO CHECK AND ASSUME RESPONSIBILITY OF ALL DIMENSIONS.
- 3) GALVANIZED FRAMING CONNECTORS REQUIRED FOR WIND RESISTANCE AS PER LOCAL BUILDING CODE.



COLUMN DETAIL

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FOUNDATION & WALL
DETAILS
NECAISE DESIGN
228-493-1046

Revisions	
date	description

PLANS FOR
RANDY YOUNG
RESIDENCE

DRAWN BY : HN

DATE: 1-2-25

SCALE NONE

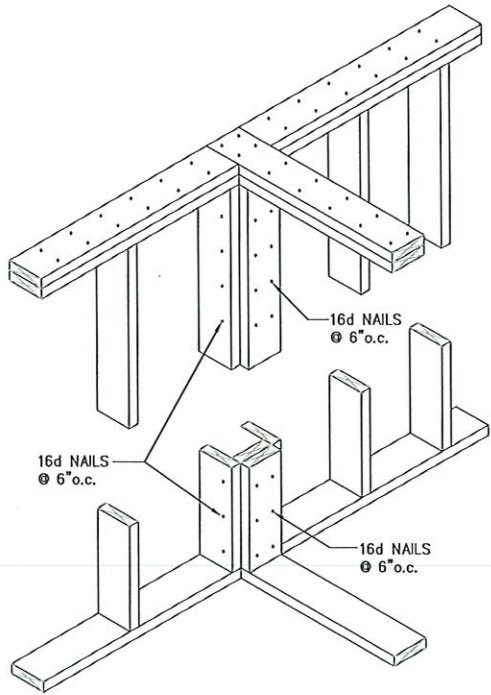
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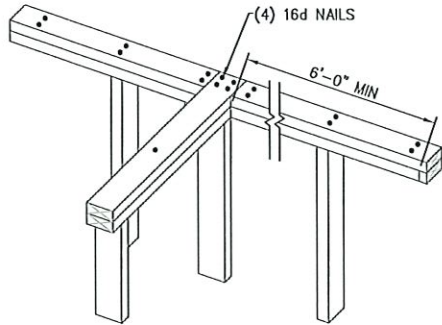
NECAISE DESIGN
ALL RIGHTS RESERVED

RAFTER SPANS		
RAFTER SPANS FOR SOUTHERN PINE SPECIES (LIVE LOAD = 20 PSF, LA=240 DEAD LOAD =10PSF)		
SIZE	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT-IN)
2"x6"	12.0	12'-11"
	16.0	11'-2"
	19.2	10'-2"
	24.0	9'-2"
2"x8"	12.0	16'-4"
	16.0	14'-2"
	19.2	12'-11"
	24.0	11'-7"
2"x10"	12.0	19'-6"
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NOTE: THE ABOVE TABLE IS BASED ON THE IRC 2018 TABLE R802.4.1 (3)		
CEILING JOIST SPANS		
CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES UNINHABITABLE ATTIC WITHOUT STORAGE (LIVE LOAD = 20 PSF, LA=240 DEAD LOAD =10PSF)		
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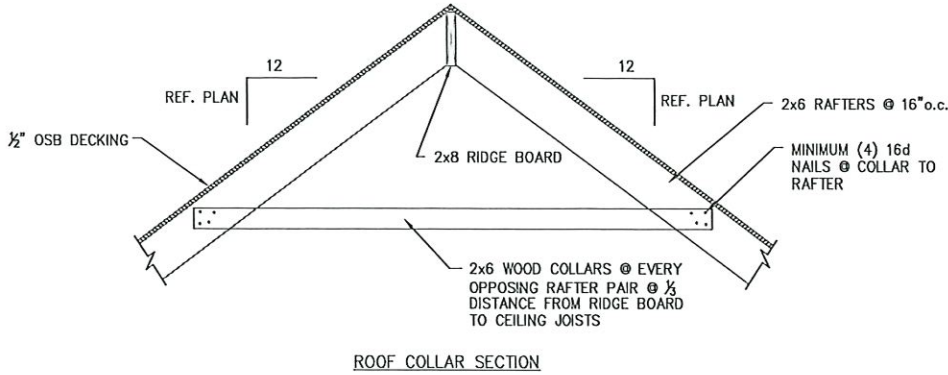
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 5. ALL FEDERAL STATE AND LOCAL CODES, ORDINANCE.REGULATION,ETC SHALL BE CONSIDERED AS PART OF THE SPECIFICATION FOR THIS BUILDING AND TAKE PREFERENCE OVER ANYTHING SHOWN, DESCRIBED OR IMPLIED WHERE SAME WHERE ARE VARIANCE.
 6. STAMPED/APPROVED PLAN (CITY) MUST BE ON SITE FOR ALL INSPECTION.
 7. PROOF OF TERMITE TREATMENT SHALL BE SHOWN AT TIME OF FOOTING INSPECTION(CUSTOMER WANTS TERMITE TREATMENT ON ALL WALLS)
 8. OWNER MUST SUPPLY SPECIFICATIONS ON ANY/ALL MANUFACTURED/ENGINEERED MEMBERS/MATERIALS INCLUDING SPANS,LOADS,LAYOUT,FASTENING DETAIL(130MPH) ETC (BEAM,JOIST,TRUSSES.METAL ROOFS,GARAGE DOORS,LIFT'S/ELEVATORS,ETC.)
 9. ALL STRAPPING MUST BE HOT DIPPED GALVENIZED OR STAINLESS STEEL. STRAPS MUST REFERENCE 2018 IRC FOR TYPICAL METHODS OF ANCHORAGE AND BRACING.STRAP INSPECTION ARE REQUIRED PRIOR TO COVERING.
 10. ALL SHINGLES OR METAL ROOFING MUST MEET 130 MPH SUSTAINED AMD 140 MPH 3 SECOND GUST.
 11. ALL 6" GUTTERS WILL BE PER CUSTOMER



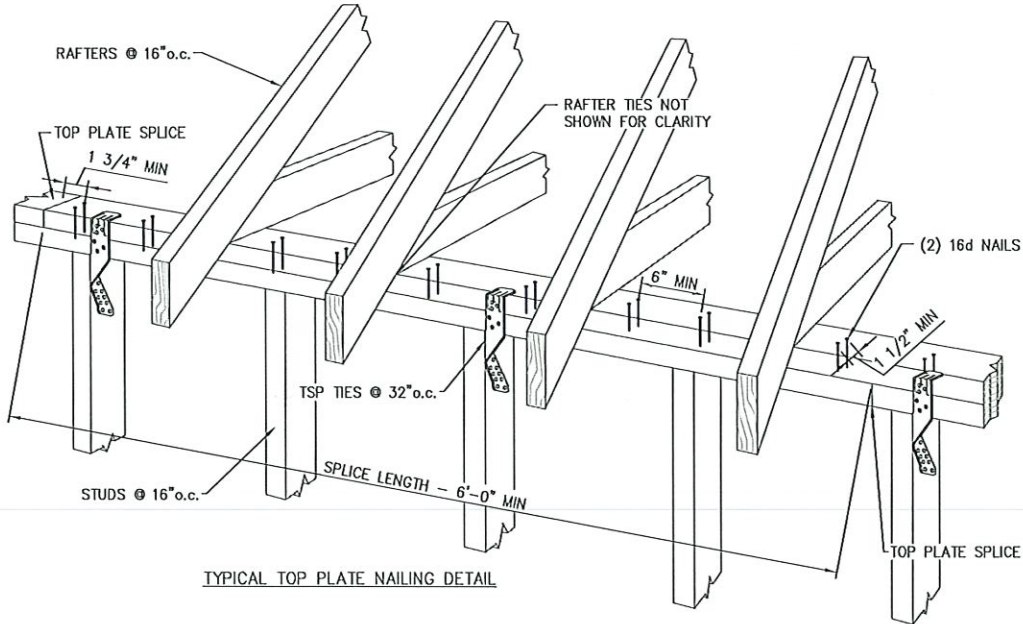
TOP & BTM PLATE INTERSECTION DETAIL



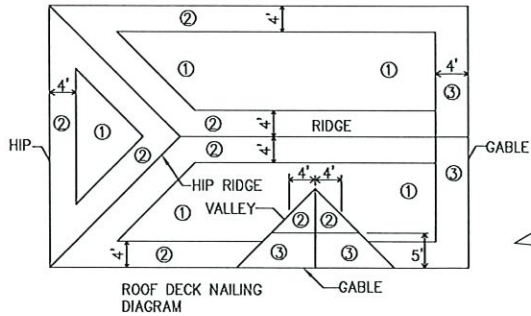
TOP PLATE INTERSECTION DETAIL



ROOF COLLAR SECTION

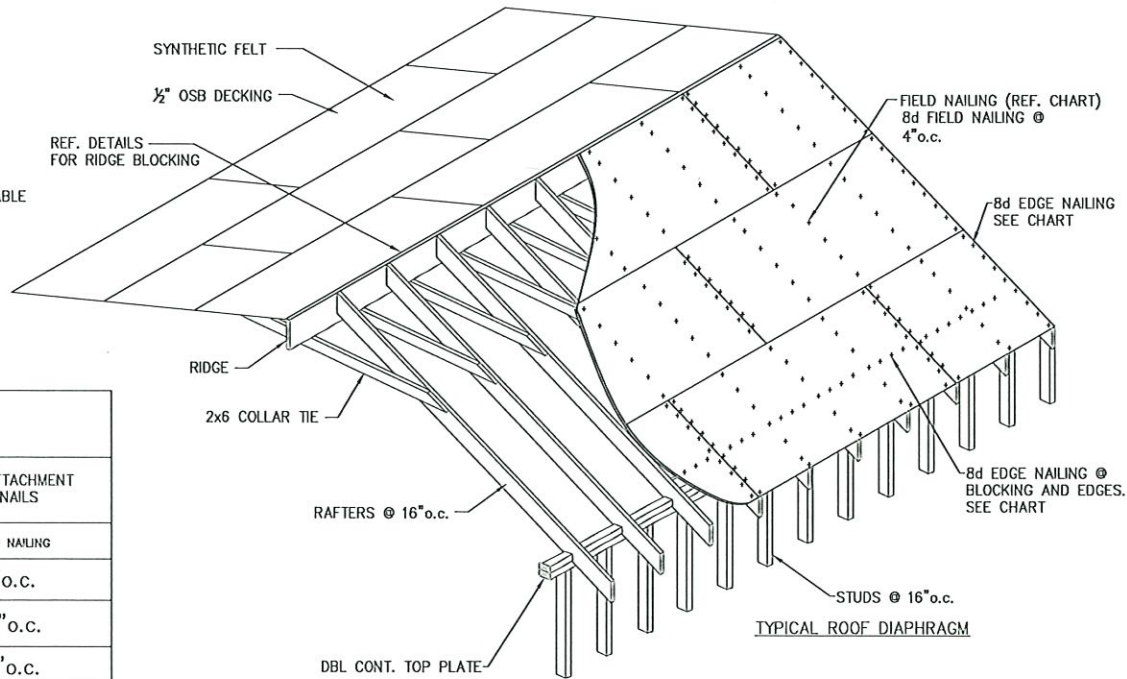


TYPICAL TOP PLATE NAILING DETAIL



ROOF DECK NAILING DIAGRAM

ROOF SHEATHING ATTACHMENT REQUIREMENTS			
THREE SECOND GUST, 124 MPH (ASD) 160 MPH (ULT) WIND SPEED		STRUCTURAL SHEATHING ATTACHMENT WITH 8d RING SHANK NAILS	
	RAFTER/TRUSS SPACING (INCHES o.c.)	EDGE NAILING	FIELD NAILING
① INTERIOR ZONE	16"o.c.	4"o.c.	4"o.c.
② PERIMETER/EDGE ZONE	16"o.c.	4"o.c.	4"o.c.
③ GABLE ENDWALL RAKE OR RAKE TRUSS W/LOOKOUTBLOCK		4"o.c.	4"o.c.



TYPICAL ROOF DIAPHRAGM

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FOUNDATION & WALL
DETAILS
NECAISE DESIGN
228-493-1046

Revisions	
date	description

PLANS FOR
RANDY YOUNG
RESIDENCE

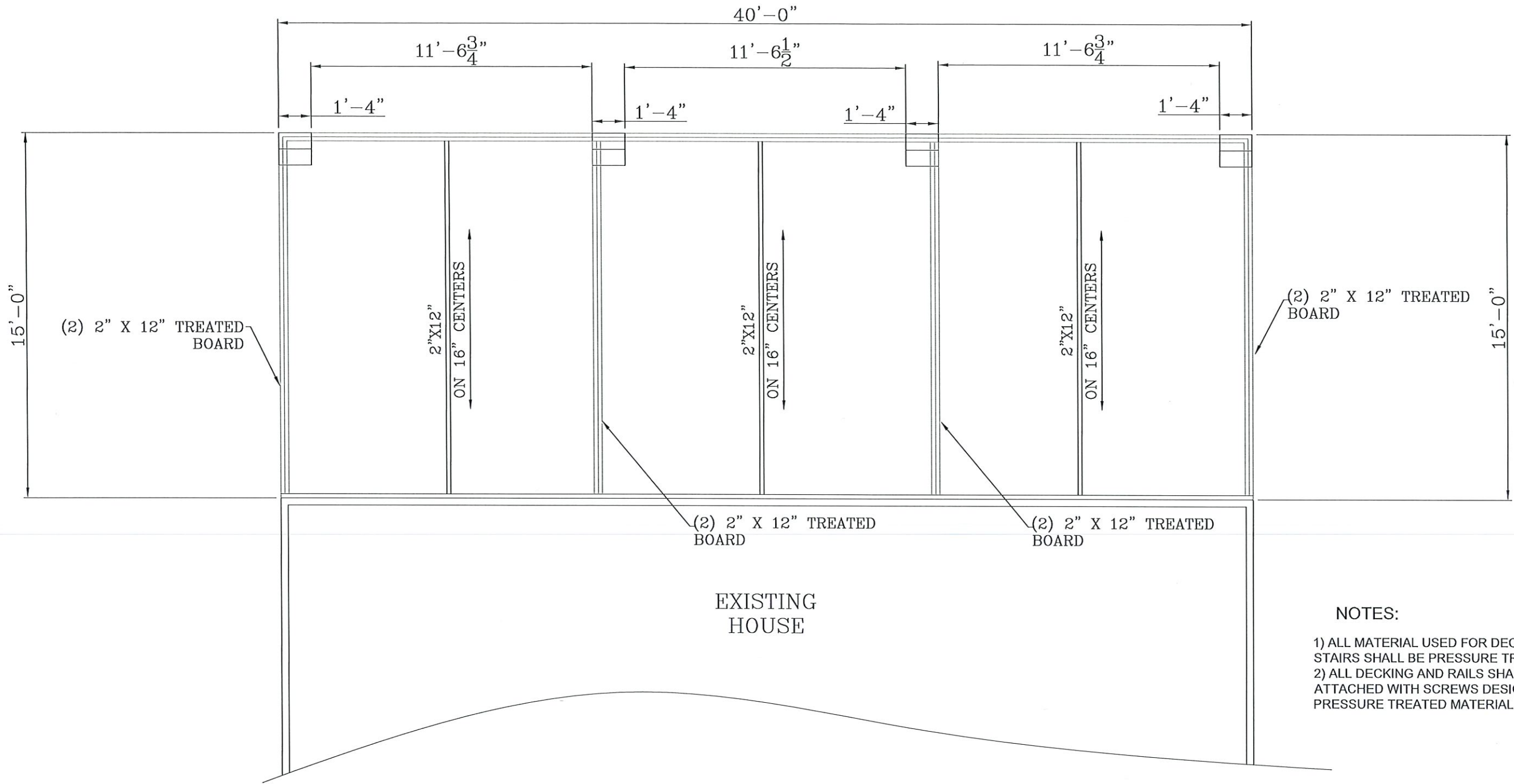
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DATE: 1-2-25

SCALE NONE

SHEET NUMBER :

4A
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NOTES:

- 1) ALL MATERIAL USED FOR DECKING & STAIRS SHALL BE PRESSURE TREATED
2) ALL DECKING AND RAILS SHALL BE ATTACHED WITH SCREWS DESIGNED FOR PRESSURE TREATED MATERIAL

Revisions	BEAM PLAN		NECAISE DESIGN 228-493-1046
	date	description	

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



















SCALE 1/2" = 1'-0"

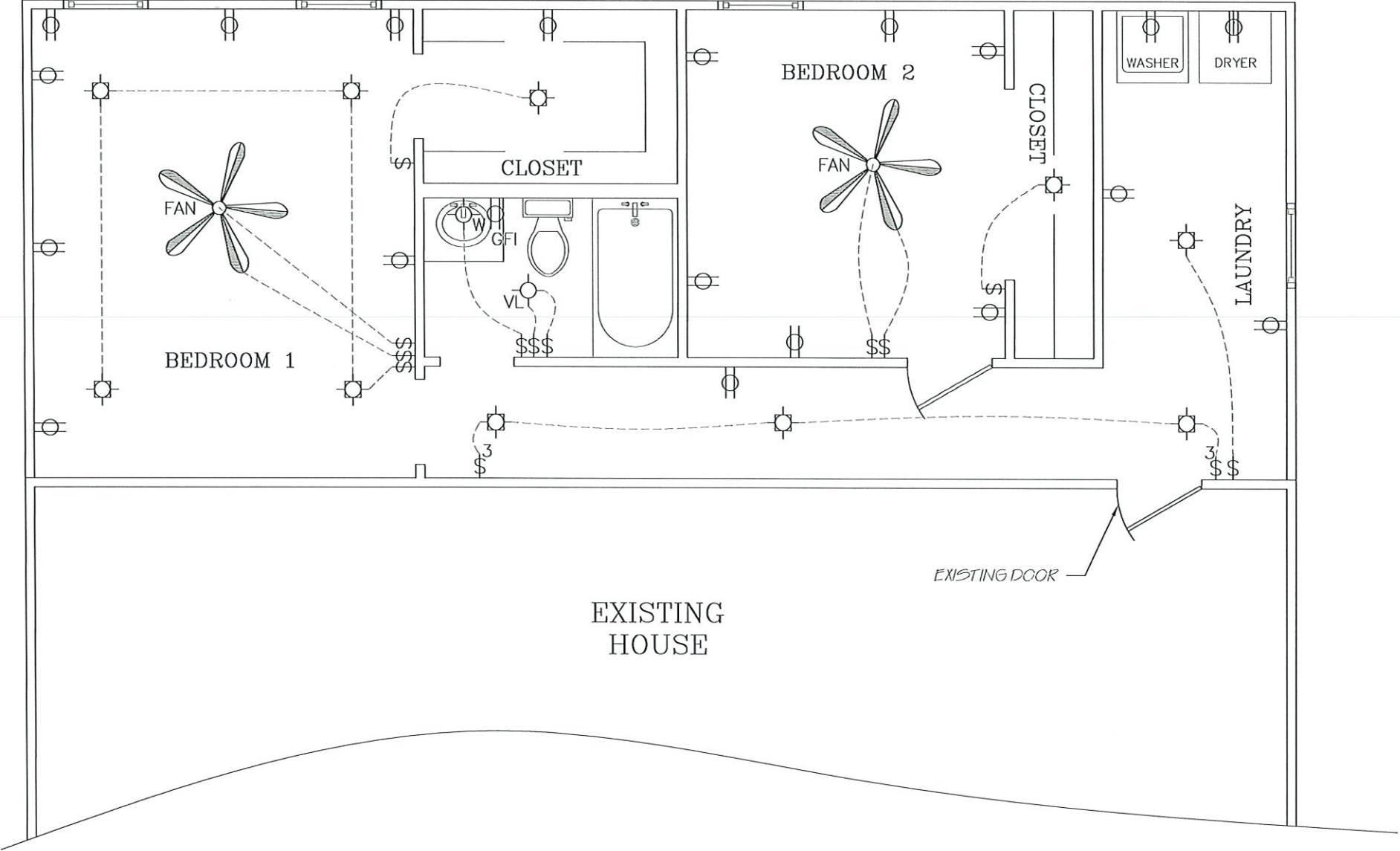
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	SOFFIT MOUNTED FLOOD LIGHT	ELECTRICAL SCHEDULE			TELEVISION CABLE WALL JACK
	EACH TO BE ON SEPARATE SWITCH AND CIRCUIT.	SYM	DESCRIPTION		TELEPHONE WALL JACK
	115V DUAL WALL RECEPT. 6" ABOVE CTR. BACKSPLASH TO CEN.	\$	115V WALL SWITCH		SMOKE DETECTOR
	115V DUAL WALL RECEPTACLE	\$ ³	115V WALL SWITCH 3 WAY		KEYED CHANDELIER LIFT SWITCH
	115V DUAL FLOOR MOUNTED RECEPTACLE		CEILING LIGHT FIXTURE		CARBON MONOXIDE DETECTOR
	115V DUAL WALL RECEPTACLE SOFFIT MOUNTED GFI		CEILING LIGHT FIXTURE BRACED FOR FAN AND LIGHT	 CEILING LIGHT FIXTURE BRACED FOR FAN AND LIGHTING	
	115V DUAL RECEPTACLE SPLIT-WIRED		CEILING LIGHT FIXTURE VENT-LIGHT		
	115V DUAL WALL RECEPTACLE WEATHERPROOF GND. FAULT INT.		LIGHT FIXTURE RECESSED DOWN LIGHT		
	115V DUAL WALL RECEPTACLE GROUND-FAULT INTERRUPT		CEILING LIGHT FIXTURE PENDANT W/ EXTRA BRACING		
	115V DUAL WALL RECEPTACLE MOUNTED ABOVE KIT. WALL CABS.		WALL MOUNT LIGHT FIXTURE		
	220V SINGLE WALL RECEPTACLE		WATERPROFF LIGHT FIXTURE		



- NOTES:
- 1) ELECTRICAL OUTLETS SHALL BE LOCATED WITHIN A REASONABLE DISTANCE OF WHERE SHOWN ON PLANS
 - 2) CENTRAL HEATING AND AIR CONDITIONERS SHALL BE DESIGNED BY MECHANICAL CONTRACTOR WITH A PERFORMANCE WARRANTY.
 - 3)WATER HEATER AND HEATING UNITS IN ATTIC SHALL BE IN 6" PVC PANS WITH 1" DRAIN TO EXTERIOR.
 - 4) ALL ELECTRICAL LIGHTING FIXTURES,RECEPTACLE OUTLETS AND SMOKE DETECTORS IN KITCHEN,LAUNDRY, BATHS. GARAGE AND EXTERIOR SHALL BE GROUND FAULT PROTECTED.
 - 5) EXTERIOR ELECTRICAL SERVICE SHALL BE DETERMINED ON SITE BY ELECTRICAL CONTRACTOR AND OR THE LOCAL POWER COMPANY.
 - 6) MECHANICAL SYSTEM SHALL COMPLY WITH M1301,M1401 AND M1601.
 - 7) 24" WIDE WALK REQUIRED FROM ATTIC ACCES TO MECHANICAL SYSTEM AND WATER HEATER WITH SWITCHABLE LIGHT AND 110 VOLT OUTLET AT SYSTEM IN ATTIC.
 - 8) ELECTRICAL SYSTEM SHALL COMPLY WITH SECTION E3501,E36014,E3701,E3801,E3901,E4001 AND IF PANEL IS IN ATTIC MUST HAVE ACCESS AND CLEARANCE AND HAVE PROPERLY RATED BREAKERS FOR EXCESSIVE HEAT.
 - 9 ALL RECEPTACLES LOCATED BELOW 5'-6" TO BE TAMPER RESISTANT UNLESS DEDICATED TO A SPECIFIC APPLANCE.
 - 10) PANELS TO BE PLACE PER CUSTOMER
220 & 110 FOR A/C
220 FOR WATER HEATER (SEPARATE BREAKER)
220/110 FUTURE ELEV.
 - 11) ALL ELECTRICAL BELOW BFE. MUST BE FOR WET LOCATION
 - 12) NO DISCONNECTION BELOW BFE; METER CAN ONLY
 - 13) BOTH METER CAN AND MAIN DISCONNECT MAY BE UP ON PORCH
 - 14) ALL 125V 15/20 AMP CIRCUITS SERVING BEDROOM MUST BE
ARC-FAULT PROTECTED INCLUDING S/D'S
 - 15)SEC E4002.14 OF 2018 IRC (TAMPER RESISTANT)

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ELECTRICAL PLAN
NECAISE DESIGN
228-493-1046

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PLANS FOR
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SCALE 1/2" =1'-0"

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