



ENTERPRISES OMEGA

ISSUED/REVISIONS: 8/29/2

FLOOR FLOOR

2ND 1ST

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SQUARE FOOTAGE AREA SQ FT LIVING 1ST FLOOR UNIT 1,152 LIVING 2ND FLOOR UNIT 1,152 2,304 TOTAL LIVING EGRESS 125 186 PORCHES 2,615 TOTAL AREA

23'-8"

CEIL HT 8' FUR DOWN

3'-7"

KITCHEN ceil ht 8'

7'-10"

00

12'-2 1/2"

15'-4"

23'-8"

5'-10"

12'

M. BEDROOM

CEIL HT 8'

11'-8"

BEDROOM 2

CEIL HT 8'

CEIL HT 8

BEDROOM 3

FUR DOWN

11'-8"

LIVING CEIL HT 8'

4'-4"

PORCH ceil ht 8'

8'-8"

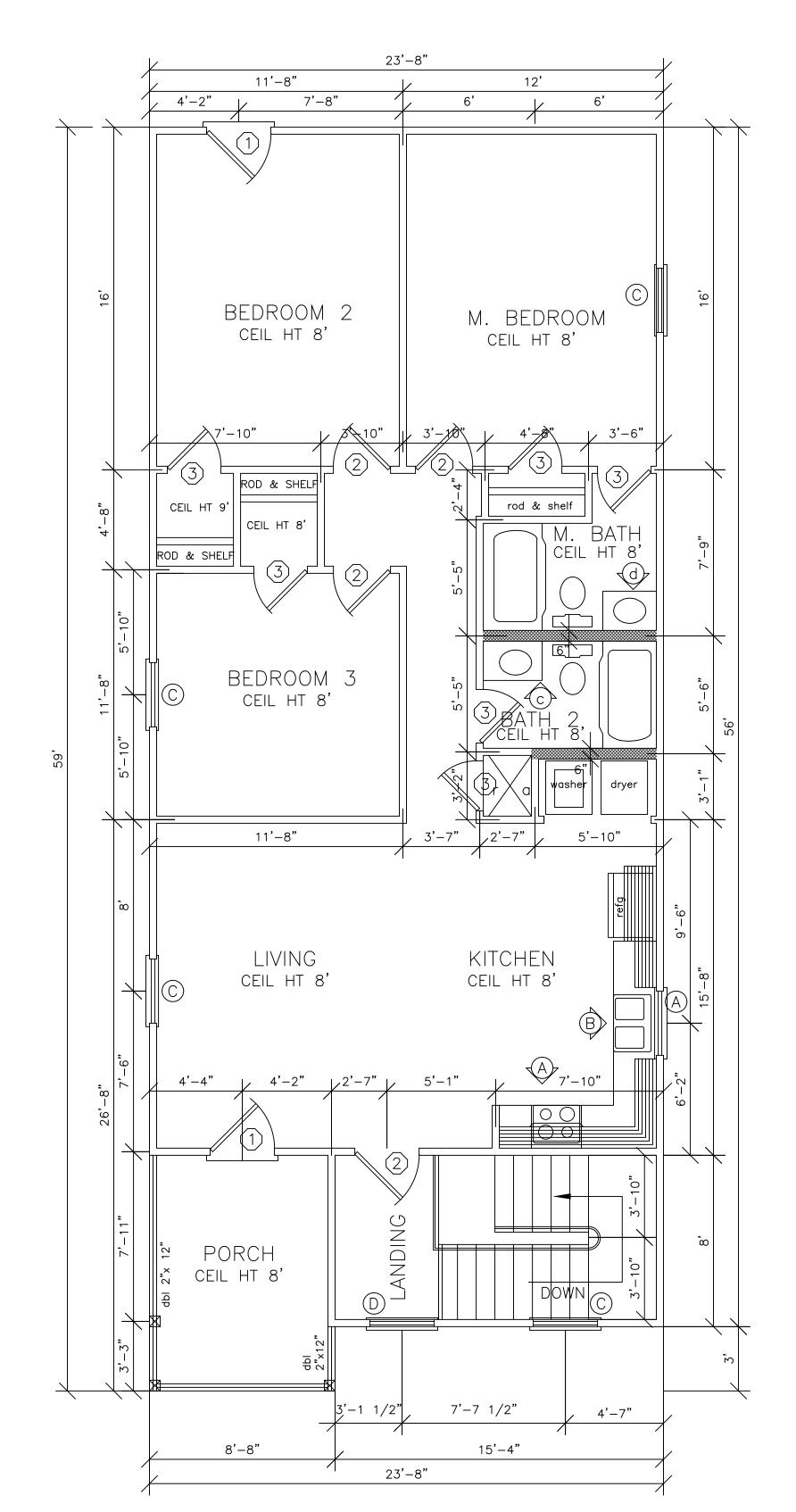
7'-8"

4'-2"

CEIL HT

ROD & SHELF

NOTE:
PROVIDE (1) LAYER OF 5/8" TYPE "X" GYPSUM BOARD & (1) LAYER
OF 1/2" GYPSUM BOARD AT CEILING BETWEEN 1ST & SECOND FLOOR
TO CREATE (1) HR. FIRE-RESISTANT FLOOR ASSEMBLY AS REQUIRED
BY IRC 2009.

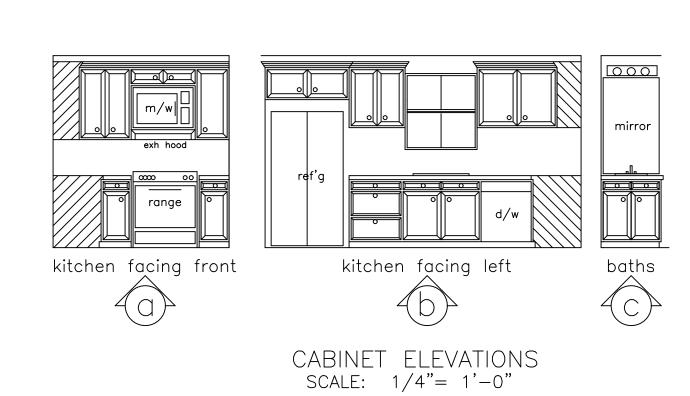


FLOOR PLAN 2ND FLOOR SCALE: 1/4"= 1'-0"

ROOF PLAN SCALE: 1/8"= 1'-0"

ROOF PLAN NOTES

ALL RAFTERS TO BE 2" X 6" @ 16" O.C. UNLESS OTHERWISE NOTED



DOOR/window SCHEDULE		
MARK	SIZE	DESCRIPTION
A	3'0"x 3'0"	SINGLE HUNG INSUL ALUM
B	3'0"x 5'0"	SINGLE HUNG INSUL ALUM
<u>C</u>	3'0"x 5'6"	SINGLE HUNG INSUL ALUM
(D)	3'0"x 5'0"	SINGLE HUNG INSUL ALUM, TEMPERED GLASS
1	3'0"x 6'8'	6 LT 1/2 FRENCH
2	2'8"x 6'8'	6 PANEL MASONITE INT GD
3	2'6"x 6'8'	6 PANEL MASONITE INT GD



PROJECT NUMBER 2022-19

KEITH J MARRERO ARCHITECT

 $\overset{\checkmark}{\infty}$

STREET ANA 7011 **NTERPRISES** Ш OMEGA

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6" LAP SIDING

— TREATED TIMBER PILES BY STRUCTURAL ENGINEER

RIGHT ELEVATION

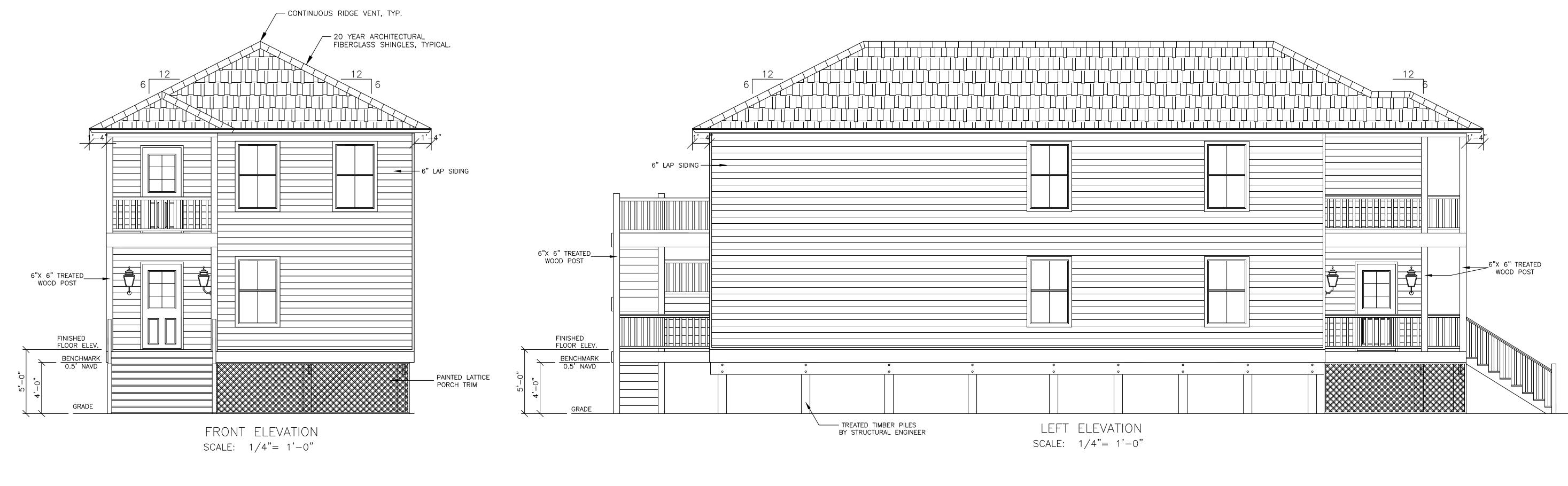
SCALE: 1/4"= 1'-0"

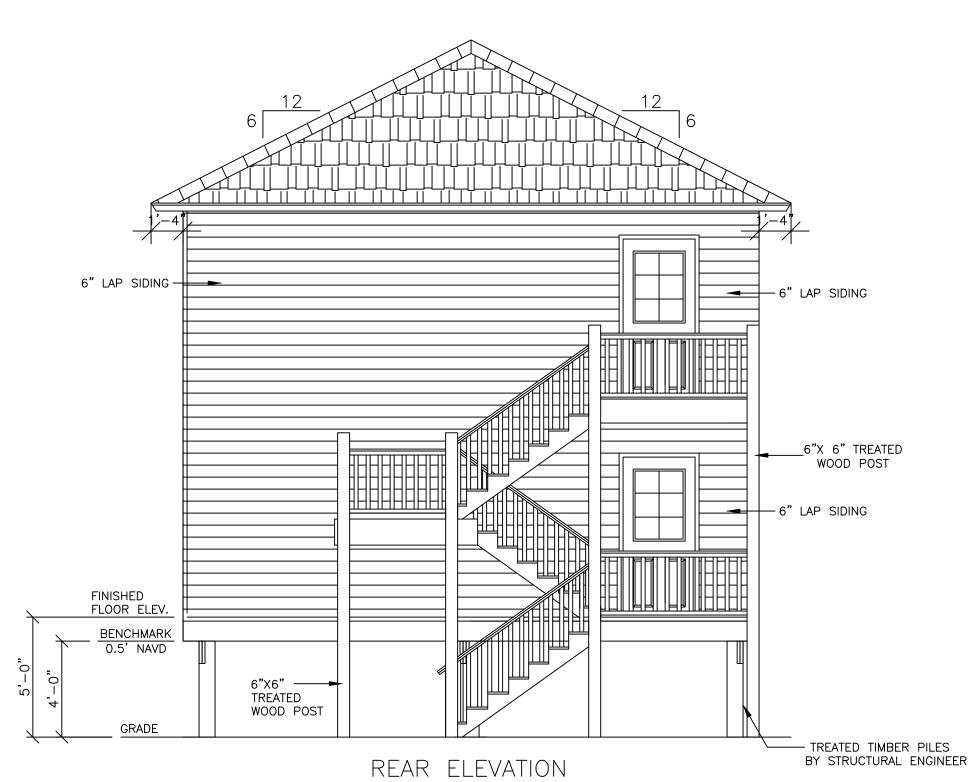
__6"X 6" TREATED WOOD POST

FINISHED FLOOR ELEV.

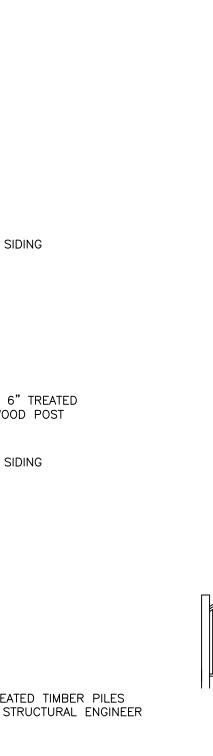
ELEVATIONS

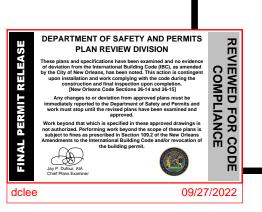






SCALE: 1/4"= 1'-0"







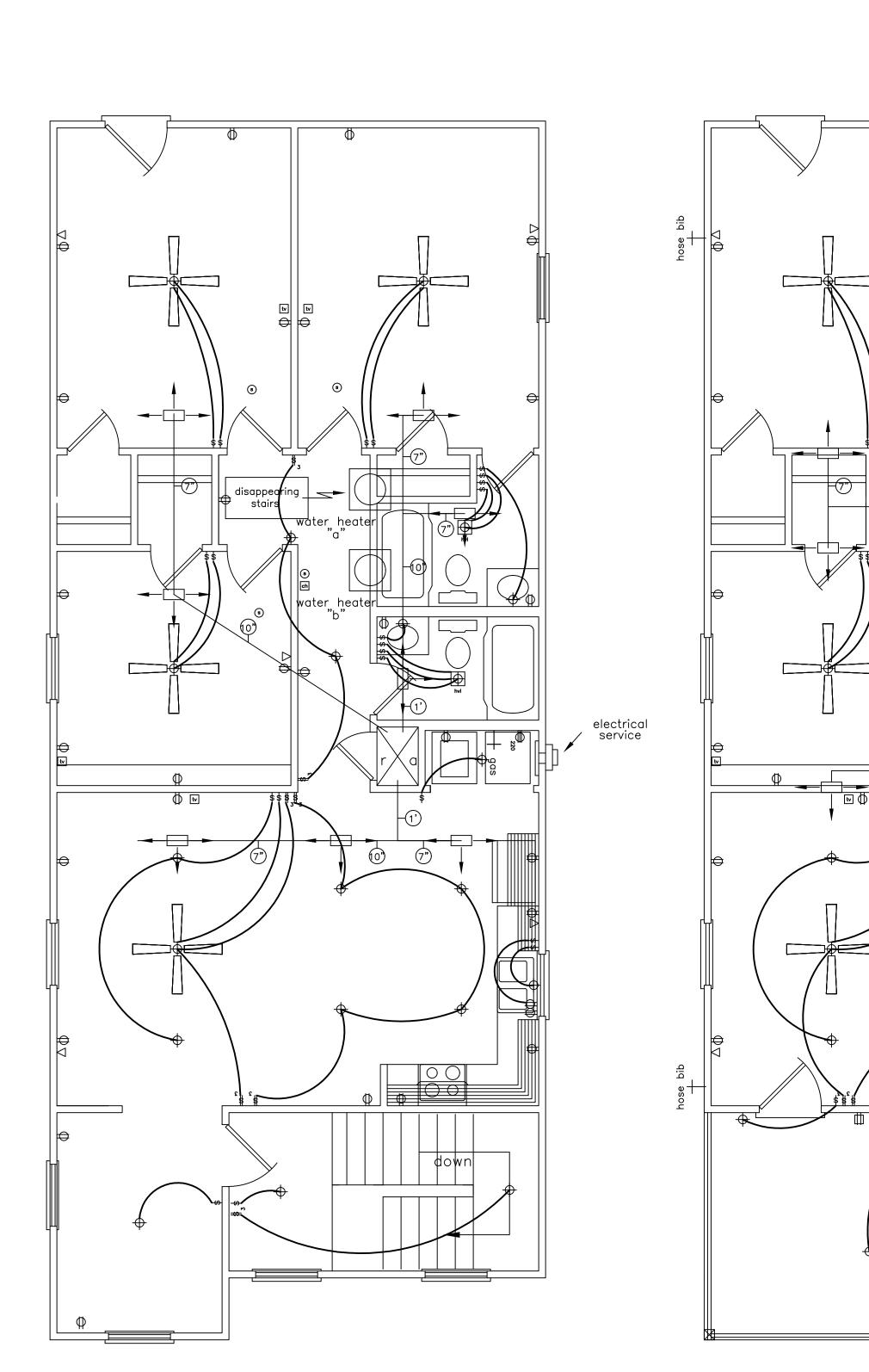
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ELECTRICAL SCHEDULE DESCRIPTION mark duplex receptacle outlet 220 volt duplex receptacle outlet waterproof receptacle outlet waterproof 220 volt outlet floor duplex receptacle single pole switch double pole switch light outlet flood light \triangleleft telephone recessed spot door chime television smoke alarm heat/vent/light



MECHANICAL PLAN 2ND FLOOR SCALE: 1/4"= 1'-0"



PLUMBING NOTES

WATER HEATER "A" TO BE GAS FIRED 50 GALLON CAPACITY 40,000 BTU IN AND SERVICE 1ST FLOOR

WATER HEATER "B" TO BE GAS FIRED 50 GALLON CAPACITY 40,000 BTU IN AND SERVICE 2ND FLOOR 4" PVC DRIER VENT THROUGH WALL

CLEARANCE OF ALL HEAT PRODUCING APPLIANCES TO BE GREATER THAN 18" ABOVE OR 6" TO THE SIDE

ELECTRICAL NOTES

ELECTRICAL SERVICES TO BE 42 CIRCUIT 150 AMPERE MAIN LOCATED IN THE UTILITIY ROOMS.

SERVICE TO BE #2 COPPER FROM METER TO PANEL. PANEL GROUNDED BY 2 #6 GROUNDING RODS IN ACCORDANCE WITH SECT. 250 OF THE NATIONAL ELECTRIC CODE.

ALL EXTERIOR, GARAGE, KITCHEN, AND BATH CIRCUITS TO BE GROUND FAULT CIRCUIT INTERRUPT EQUIPPED.

ELECTRICAL DISCONNECTS AT AIR CONDITIONING COND. UNITS

SMOKE DETECTORS TO BE WIRED TOGETHER AND TO THE A.C. POWER SYSTEM

A.C. PANEL INFO: ONE 15 AMPERE BRANCH CIRCUIT FOR EACH 600 SQ. FT. LIGHTING AND GENERAL PURPOSE RECEPTACLES.

TWO 20 AMPERE BRANCH CIRCUITS FOR SMALL APPLIANCES

ONE 20 AMPERE BRANCH CIRCUIT FOR LAUNDRY

ONE BRANCH CIRCUIT FOR OVEN

ONE BRANCH CIRCUIT FOR COOK TOP

ONE BRANCH CIRCUIT FOR A/C AND HEATING EACH.

AIR CONDITIONING / HEATING NOTES

AIR CONDITIONING UNIT "A" TO BE 2 TON, 24000 BTU COOLING CAPACITY DRIVEN BY 2 HP COMPRESSOR MOTOR AND A FRACTION HP BLOWER MOTOR

HEATING UNIT "A" TO BE ELECT FIRED HORIZONTAL FLOW 80,000 BTU IN, 64,000 BTU OUT.

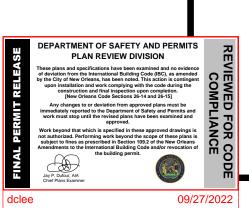
AIR CONDITIONING UNIT "B" TO BE 2 TON, 24000 BTU COOLING CAPACITY DRIVEN BY 2 HP COMPRESSOR MOTOR AND A FRACTION HP BLOWER MOTOR

HEATING UNIT "B" TO BE ELECT FIRED HORIZONTAL FLOW 80,000 BTU IN, 64,000 BTU OUT.

RETURN AIRS TO BE 20" X 30" FILTER GRILLS

DUCTS TO BE 26 GUAGE GALV IRON WITH 2" FIBERGLASS INSULATION

REGISTERS TO BE 12" X 6" - 3 OR 4 WAY THROW PROVIDE CATWALK TO ALL MECHANICALS IN ATTIC



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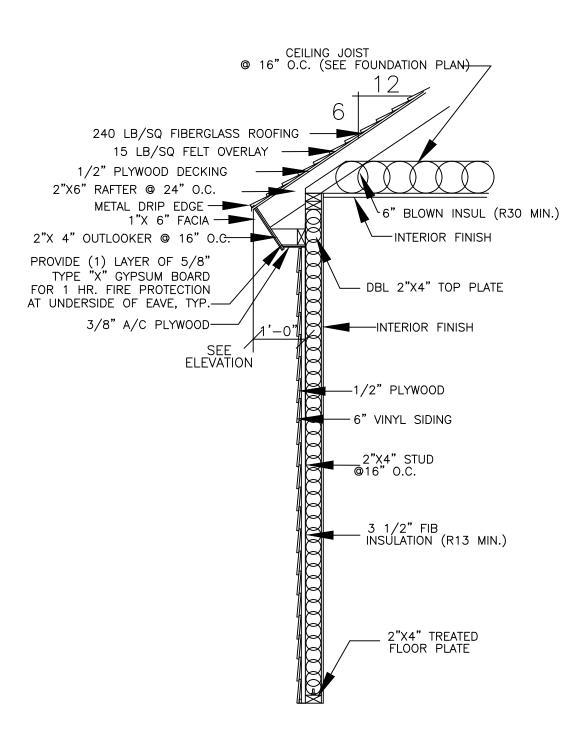
YPICAL

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CONTINUOUS RIDGE VENT -240 LB/SQ FIBERGLASS ROOFING 15 LB/SQ FELT OVERLAY 1/2" PLYWOOD DECKING — 2"X6" RAFTER @ 16" O.C. SEE ROOF FOR PITCH 2"X 6" RAFTER TIE AT EACH RAFTER PAIR

ROOF & RIDGE (NOT TO SCALE)



SIMPSON STRONG-TIE HURRICANE CLIP REQUIRED EVERY RAFTER

SEE FOUNDATION

foundation/wall/rafter connections scale: 1/2"=1'-0"

WALL AND EAVE/SIDING SCALE: 1/2"=1'-0"

NOTE: IN THE EVENT OF A CONFLICT BETWEEN THE INFORMATION SHOWN ON THIS PLAN AND THE ENGINEER'S PLAN, THE ENGINEER'S PLAN SHALL TAKE

NDTE:

THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION. I HAVE RESEARCHED THE IBC 2016 CODE, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THESE DRAWINGS ARE IN COMPLIANCE THEREWITH. I TAKE FULL RESPONSIBILITY FOR THE CONTENTS OF THESE PLANS. STRUCTURAL MODIFICATIONS ARE CAPABLE OF RESISTING A 143 MPH WIND EXPOSURE "B" PER IBC 2016 & THE REQUIREMENTS OF ASCE-7.

REQUIREMENTS FOR

WIND-BORNE DEBRIS REGIONS (WBDR)

(BASIC WIND SPEEDS 143 MPH EXPOSURE B PER IRC 2016)

UPLIFT CONNECTIONS

SIMPSON STRONG TIE STRAPS REQUIRED AT STUD CONNECTIONS TO PLATES, PLATES TO FLOOR FRAMING, HEADER CONNECTIONS CRIPPLE STUDS, HEADER STUDS AND AT LEAST ONE FULL LENGTH STUD ON EACH SIDE OF THE HEADER OPENING.

SILL PLATES

SILL PLATES MUST BE ATTACHED TO THE FOUNDATION BY ANCHOR BOLTS HAVING A MINIMUM BOLT DIAMETER OF 5/8" AND 3"X3"X1/8" WASHERS, EMBEDDED MINIMUM 7" DEEP AND LOCATED WITHIN 12" OF EACH BUILDING CORNER AND WITHIN 6" TO 12" OF EACH PLATE END. ANCHOR BOLTS SPACING FOR 140 MPH WIND ZONES TO BE 1 $\frac{1}{2}$ O.C..

HOLDDOWN CONNECTORS

SIMPSON HOLDDOWN CONNECTORS REQUIRED AT EACH CORNER, BOTH SIDS OF EACH OPENING AND AT EACH END OF A SHEARWALL SEGMENT.

ROOF REQUIREMENTS

ROOF-TO-WALL CONNECTIONS

EVERY RAFTER AND TRUSS SHALL BE CONNECTED TO WALL PLATES WITH SIMPSON STRONG-TIE CONNECTORS.

ASPHALT SHINGLES HAVE TO BE TESTED IN ACCORDANCE WITH ASTM D 3161 FOR WIND SPEED OF 143 MPH.

CORROSION-RESISTANT FASTENERS REQUIRED FOR UNDERLAYMENT.

ALL OTHER ROOFING MUST BE FASTENED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS FOR THE APPLICABLE DESIGN WIND LOADS.

WINDOWS & GLASS REQUIREMENTS

ALL NON IMPACT RESISTANT GLASS NOT PROTECTED BY IMPACT RESISTANT SHUTTERS MUST BE COVERED WITH 7/16 INCH PLYWOOD/OSB WITH APPROVED FASTENERS. ALL SHUTTERS SHOWN MUST IMPACT-RESISTANT SHUTTERS

REQUIREMENTS FOR HURRICANE-PRONE REGIONS

(BASIC WIND SPEEDS OVER 110 MPH)

FOUNDATIONS

SEE FOUNDATION DETAILS. STRAPPING IS BE DESIGNED TO WITHSTAND 143 MPH

WALL BRACING

WALLS SHEATHED WITH 1/2" PLYWOOD/OSB TO CREATE "SHEAR WALLS."

METAL HOLD-DOWN DEVICES REQUIRED AT ENDS OF SHEAR

WINDOWS AND DOORS

LABELED AND TESTED FOR ALL WIND SPEEDS.

DESIGN PRESSURES TABULATED BASED ON WIND SPEED,

LOCATION IN THE BUILDING, AND BUILDING HEIGHT. COMPLIANCE WITH AAMA/NWWDA 101/I.S.2 OR AAMA/WDMA 101/I.S.2/NAFS



r pson strong—tie strap required every stud

to floor connection

required every cripple

