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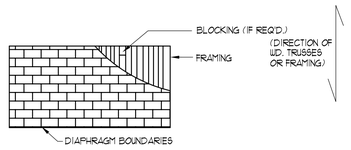
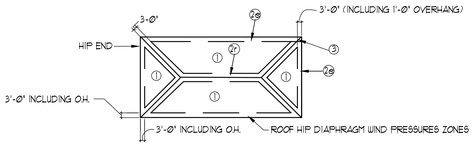
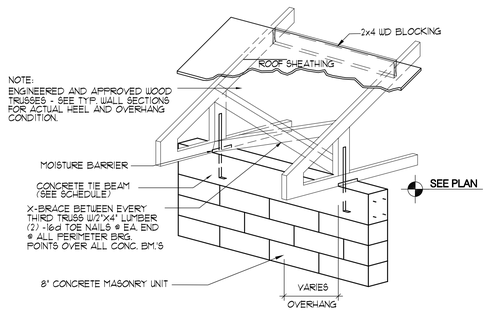


1. ZONES 1,2e,2r & 3 ARE AS SHOWN BELOW:





1 TYPICAL STRAPS & PANEL BLOCKING DTL.

USE MULTIPLE STRAPS WHERE REQUIRED (SEE ROOF PLAN) NONE SCALE:

ROOF WOOD RAFTERS SUPERIMPOSED LOADS	
DEAD	20 P.S.F.
LIVE	30 P.S.F.
BASIC WIND PRESSURE, qh	56.6 P.S.F.
NET WIND UPLIFT, ZONE 1,2e WIDE EDGE STRIP 3FT	-64.0P.S.F.
NET WIND UPLIFT, ZONE 2n,2r WIDE EDGE STRIP 3FT	-79.2 P.S.F.
NET WIND UPLIFT, ZONE 3r 3FTx3FT WIDE EDGE STRIP	-68.4 P.S.F.
NET WIND UPLIFT, ZONE 3e 3FTx3FT WIDE EDGE STRIP	-78.0 P.S.F.

EXPOSURE 'C' Vu=115MPH h=15 FT 'a'=3FT
OVERHANG GABLE ROOF 20°<Ø<21° Vu=115MPH h=15 FT 'a'=3FT

ROOF PREFAB. WOOD JACK TRUSSES SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	30 P.S.F.
BASIC WIND PRESSURE, qh	56.6 P.S.F.
NET WIND UPLIFT, ZONE 1 WIDE EDGE STRIP 3FT	-43.8 P.S.F.
NET WIND UPLIFT, ZONE 2r	-72.0 P.S.F.
NET WIND UPLIFT, ZONE 2e,3 3FTx3FT WIDE EDGE STRIP	-55.0 P.S.F.

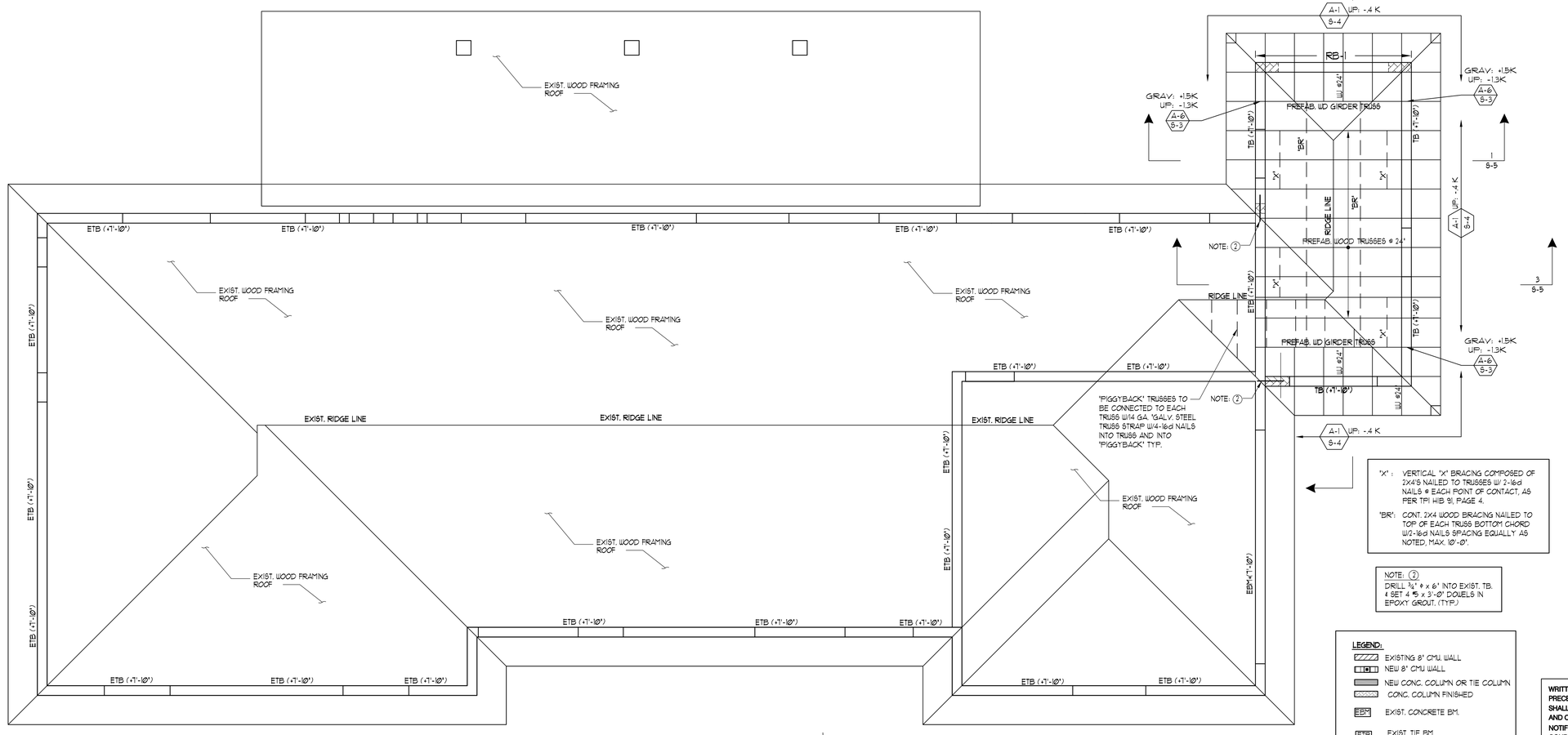
EXPOSURE 'C' Vu=115MPH h=15 FT 'a'=3FT
HIP ROOF 7°<Ø<27° Vu=115MPH h/B<Ø.5 'a'=3FT
EFFECT. WIND AREA :21 SF

ROOF WOOD RAFTERS SUPERIMPOSED LOADS	
DEAD	20 P.S.F.
LIVE	30 P.S.F.
BASIC WIND PRESSURE, qh	56.6 P.S.F.
NET WIND UPLIFT, ZONE 1,2e WIDE EDGE STRIP 3FT	-37.2 P.S.F.
NET WIND UPLIFT, ZONE 2n,2r,3r WIDE EDGE STRIP 3FT	-48.0 P.S.F.
NET WIND UPLIFT, ZONE 3e 3FTx3FT WIDE EDGE STRIP	-61.0 P.S.F.

EXPOSURE 'C' Vu=115MPH h=15 FT 'a'=3FT
GABLE ROOF 20°<Ø<21° Vu=115MPH h=15 FT 'a'=3FT

ROOF PREFAB. WOOD TRUSSES SUPERIMPOSED LOADS	
DEAD	30 P.S.F.
LIVE	30 P.S.F.
BASIC WIND PRESSURE, qh	56.6 P.S.F.
NET WIND UPLIFT, ZONE 1 WIDE EDGE STRIP 3FT	-34.0 P.S.F.
NET WIND UPLIFT, ZONE 2r	-52.6 P.S.F.
NET WIND UPLIFT, ZONE 2e,3 3FTx3FT WIDE EDGE STRIP	-42.8 P.S.F.

EXPOSURE 'C' Vu=115MPH h=15 FT 'a'=3FT
HIP ROOF 7°<Ø<27° Vu=115MPH h/B<Ø.5 'a'=3FT
EFFECT. WIND AREA: 172 SF



ROOF FRAMING PLAN

SCALE: 1/4"=1'-Ø"

"X": VERTICAL "X" BRACING COMPOSED OF 2X4'S NAILED TO TRUSSES W/ 2-16d NAILS @ EACH POINT OF CONTACT, AS PER TPI HIB 91, PAGE 4.

"BR": CONT. 2X4 WOOD BRACING NAILED TO TOP OF EACH TRUSS BOTTOM CHORD W/2-16d NAILS SPACING EQUALLY AS NOTED, MAX. 10'-0".

NOTE: 2
DRILL ¾" Ø x 6" INTO EXIST. TB. & SET 4 #5 x 3'-0" DOWELS IN EPOXY GROUT. (TYP.)

LEGEND:
- EXISTING 8" CMU WALL
- NEW 8" CMU WALL
- NEW CONC. COLUMN OR TIE COLUMN
- CONC. COLUMN FINISHED
- EBM EXIST. CONCRETE BM.
- ETB EXIST. TIE BM
- NEW WALL FOOTING
- EWF EXISTING WALL FOOTING

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS

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ADDITION & RESTORATION FOR:

MAZZINI & MELINE RESIDENCE

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DRAWN BY –
DATE 04.03.23 CHECKED BY – PROJECT 22-84

REVISIONS

S-2

CONSTRUCTION DOCUMENTS