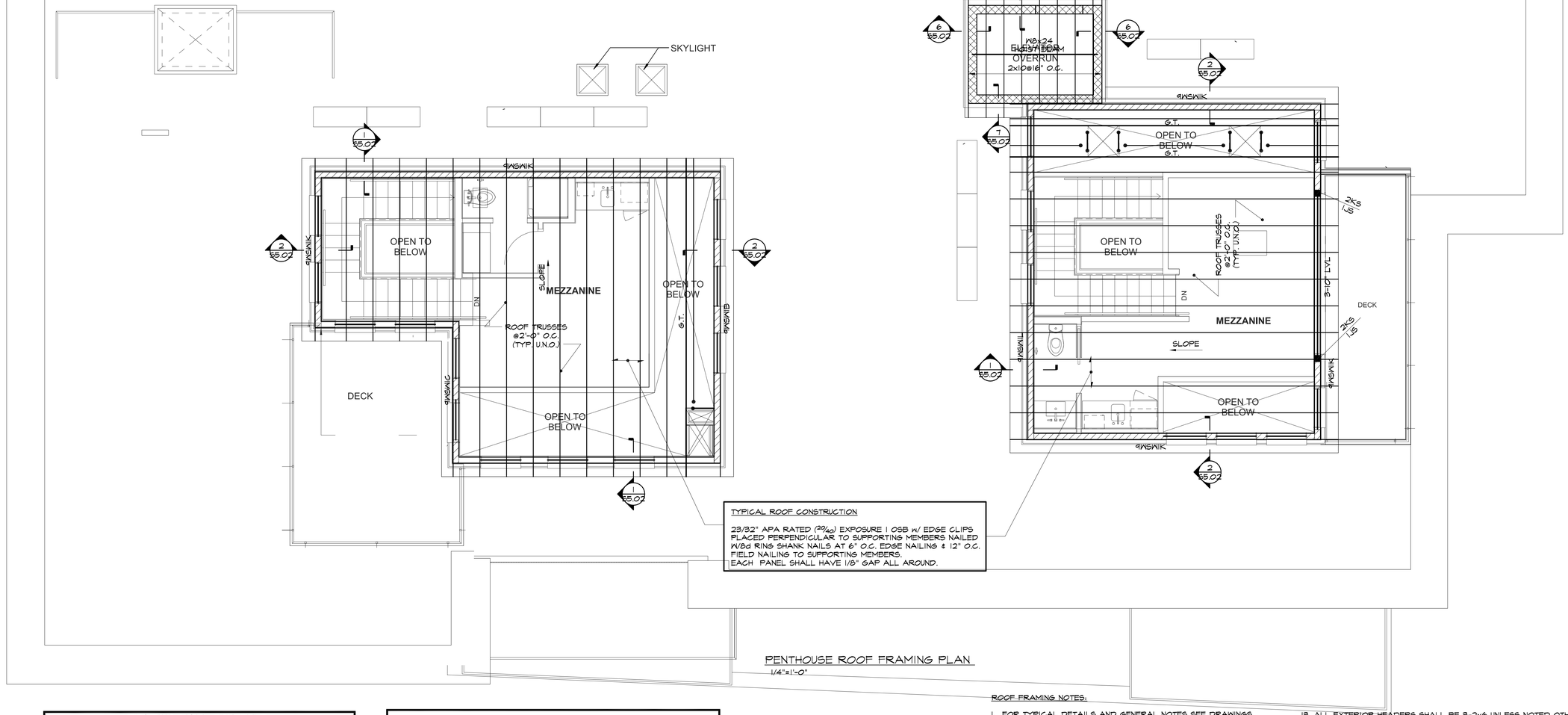


PENTHOUSE ROOF FRAMING PLAN

1/4"=1'-0"

TYPICAL ROOF CONSTRUCTION

23/32" APA RATED (20/40) EXPOSURE 1 OSB w/ EDGE CLIPS PLACED PERPENDICULAR TO SUPPORTING MEMBERS NAILED W/8d RING SHANK NAILS AT 6" O.C. EDGE NAILING & 12" O.C. FIELD NAILING TO SUPPORTING MEMBERS. EACH PANEL SHALL HAVE 1/8" GAP ALL AROUND.

BEARING WALL SCHEDULE (U.N.O.)

1W	2x4's @ 24" o.c.	7W	2x6's @ 24" o.c.
2W	2x4's @ 24" o.c. + 1-2x4's @ 48" o.c.	8W	2x6's @ 24" o.c. + 1-2x6 @ 48" o.c.
3W	2x4's @ 12" o.c.	9W	2x6's @ 16" o.c.
4W	2x4's @ 12" o.c. + 1-2x4 @ 24" o.c.	10W	2x6's @ 12" o.c.
5W	2-2x4's @ 12" o.c.	11W	2x6's @ 12" o.c. + 1-2x6 @ 24"O.C.
6W	2x4's @ 16" o.c.		

NOTE:

1. ALL STUDS TO BE SPF NO.1/NO.2 OR BETTER.
2. ALL NON BEARING PARTITIONS TO BE 2x4's @ 24" o.c. U.N.O.
3. ALL EXTERIOR WALLS ARE BEARING WALL 9W U.N.O. ON PLAN.
4. ALL INTERIOR BEARING WALLS ARE 3W UNLESS NOTED ON PLAN.

WOOD TRUSS LOAD SCHEDULE

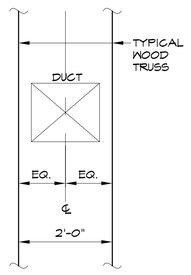
ROOMS:	LIVE LOAD	40 psf
	TOP CHORD DEAD LOAD	35 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	80 psf
CORRIDORS:	LIVE LOAD	40 psf
	TOP CHORD DEAD LOAD	25 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	70 psf
ROOF:	LIVE/SNOW LOAD	35 psf + allow for drift
	TOP CHORD DEAD LOAD	15 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	55 psf
PRIVATE ROOF DECK:	LIVE LOAD	40 psf + allow for drift
	TOP CHORD DEAD LOAD	20 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	65 psf
LOFTS:	LIVE LOAD	30 psf
	TOP CHORD DEAD LOAD	15 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	50 psf

NOTE:

TRUSS MFG. TO COORDINATE FLOOR TRUSS SPACING w/MECHANICAL UNITS. MECHANICAL UNIT TO BE CENTERED BETWEEN 2-FLOOR/ROOF TRUSSES.

NOTE:

ALL NET WALLS TO BE 2x6. WALL PANELIZER TO COORD. ALL NET WALL LOCATIONS WITH ARCHITECT.



TYPICAL TRUSS LAYOUT @ MECHANICAL UNITS

ROOF FRAMING NOTES:

1. FOR TYPICAL DETAILS AND GENERAL NOTES SEE DRAWINGS S2.01 TO S2.03.
2. FOR PLATE HEIGHT, SEE ARCHITECTURAL DRAWINGS.
3. GENERAL CONTRACTOR NOTE: REFER TO ROOF AND FLOOR PLANS FOR LOCATIONS OF POSTS AND JACK STUDS. POSTS AND JACK STUDS SHALL EXTEND DOWN CONTINUOUSLY TO THE FOUNDATION WALL UNLESS INTERRUPTED BY A BEAM OR JACK STUDS. AT ALL JACK STUD AND POST LOCATIONS PROVIDE MATCHING BLOCKING STUDS BELOW FIRST FLOOR SHEATHING DOWN TO FOUNDATION WALL OR LVL BEAMS.
4. FRAMING SUPPLIER SHALL SUBMIT WOOD TRUSS AND LVL HANGER INFORMATION FOR APPROVAL.
5. X-6" LVL INDICATES THE NUMBER OF 1 3/4" x 5 1/2" LVL'S.
   X-8" LVL INDICATES THE NUMBER OF 1 3/4" x 7 1/4" LVL'S.
   X-10" LVL INDICATES THE NUMBER OF 1 3/4" x 9 1/2 LVL'S.
   X-12" LVL INDICATES THE NUMBER OF 1 3/4" x 11 7/8" LVL'S.
   X-14" LVL INDICATES THE NUMBER OF 1 3/4" x 14" LVL'S.
   X-16" LVL INDICATES THE NUMBER OF 1 3/4" x 16" LVL'S.
6. "GT" INDICATES GIRDER TRUSS.
7. "R=" INDICATES HANGER LOAD.
8. "xKS" INDICATES THE NUMBER OF FULL HEIGHT KING STUDS.
9. "xJS" INDICATES THE NUMBER OF JACK STUDS.
10. ||| INDICATES FLUSH FRAMING WITH HANGERS OR TOP CHORD BEARING FLUSH FRAMING.
11. 3 INDICATES TRUSSES/JOISTS CONTINUOUS OVER WALLS/HEADERS.
12. xxk INDICATES POINT LOAD ON WOOD TRUSS OR GIRDER TRUSS.
13. ALL EXTERIOR HEADERS SHALL BE 3-2x6 UNLESS NOTED OTHERWISE.
14. ALL INTERIOR BEARING WALL HEADERS SHALL BE 2-2x10 UNLESS NOTED OTHERWISE.
15. PROVIDE 1 JACK STUD ON EACH SIDE OF ALL DOOR, WINDOW AND FLUSH FRAME OPENINGS, AND AT EACH END OF BEAMS AND GIRDER TRUSSES UNLESS NOTED OTHERWISE.
16. PROVIDE A MINIMUM OF TWO STUDS BELOW BEARING POINT OF ROOF GIRDER TRUSSES (GT) UNLESS NOTED OTHERWISE.
17. PROVIDE HURRICANE ANCHORS AT EACH BEARING POINT OF ROOF JOISTS AND TRUSSES. HURRICANE ANCHORS SHALL BE SELECTED BY TRUSS SUPPLIER.
18. ▭▭▭ INDICATES 2x... WALLS BEARING WALLS BELOW.
19. AT ALL INTERIOR AND EXTERIOR LOAD BEARING WALLS OVER 8'-0" IN HEIGHT, PROVIDE ONE ROW OF WOOD BLOCKING AT MID-HEIGHT OF STUDS.
20. "SW", "SHEAR WALL" OR ▨ INDICATES SHEAR WALL SEE DRAWING S3 SERIES DWGS FOR SHEAR WALL SCHEDULE AND DETAILS.
21. THE ROOF TRUSSES SHALL BE DESIGNED TO RESIST WIND UPLIFT LOADS AS PER THE STATE BUILDING CODE. TRUSS MANUFACTURER SHALL SUBMIT STAMPED CALCULATIONS AND ERECTION PLAN IDENTIFYING ALL TRUSSES, ALL REQUIRED BRACING AND ALL TIE DOWN HARDWARE FOR WIND UPLIFT.

STATE OF MAINE — RIMANTAS M. VEITAS No. 9472 — LICENSED PROFESSIONAL ENGINEER

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Revisions:	
1	05-22-2015 BID SET

Scale:

Date: 16 JUNE, 2014

PENTHOUSE ROOF FRAMING PLAN

S1.06