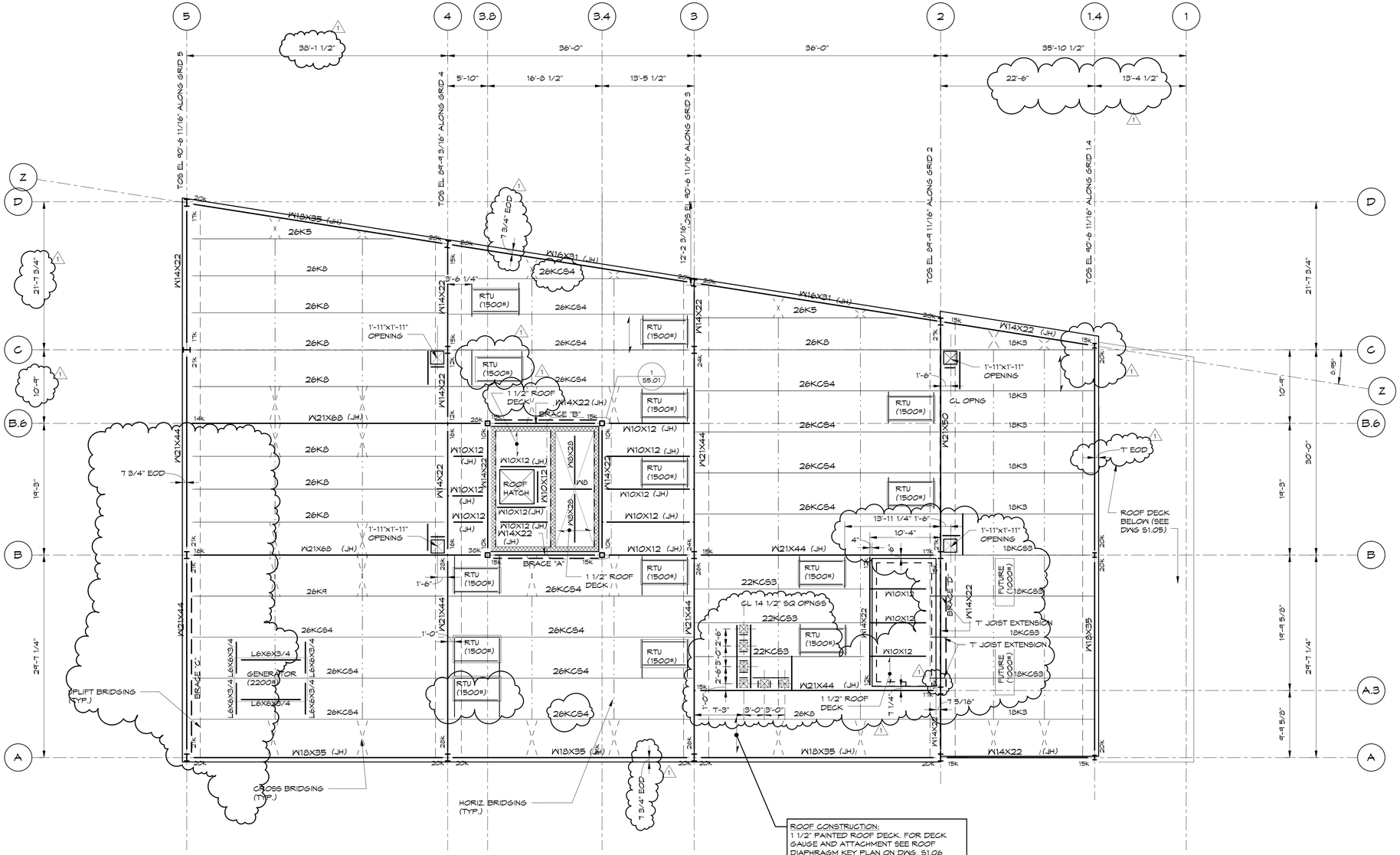
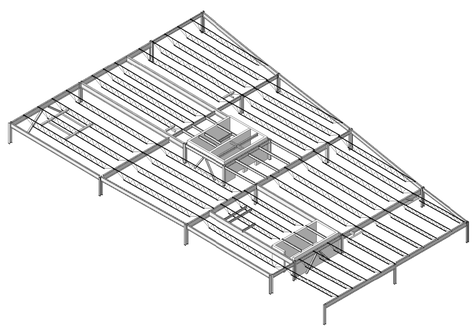
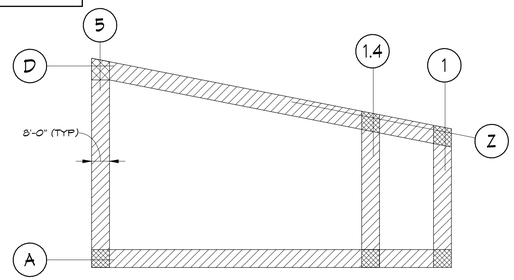


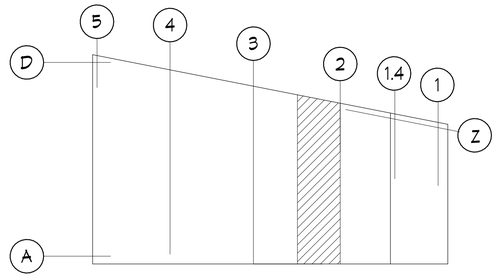
1 ROOF FRAMING PLAN
1/8" = 1'-0"





NOTES:
1. ▭ INDICATES 16 PSF NET UPLIFT.
2. ▨ INDICATES 31 PSF NET UPLIFT.
3. ▩ INDICATES 40 PSF NET UPLIFT.

ROOF UPLIFT KEY PLAN



36/4 DENOTES 36" WIDE DECK WITH WELDS AT EVERY OTHER FLUTE SUPPORT.

NOTES:
▨ USE 36/4 PATTERN
FRAME FASTENING: 5/8" WELDS
SIDE FASTENING: 2 STITCHES #10 SCREWS (BUILDEX)
1 1/2" - 20 GA. DECK

▭ USE 36/4 PATTERN
FRAME FASTENING: 5/8" WELDS
SIDE FASTENING: 1 STITCH #10 SCREWS (BUILDEX)
1 1/2"- 20 GA. DECK

ROOF DIAPHRAGM KEY PLAN

ROOF FRAMING NOTES:
1. FOR TYPICAL DETAILS AND GENERAL NOTES SEE DWG. S2.01.
2. "C..." INDICATES COLUMN MARK. FOR COLUMN AND BASE PLATE SIZES SEE COLUMN SCHEDULE ON DRAWING S3.01.
3. "EOD" INDICATES EDGE OF DECK DIMENSION FROM COLUMN GRIDLINE OR CL OF BEAM IF NO GRIDLINE IS INDICATED.
4. "BRACE X" INDICATES A BRACED FRAME. SEE DRAWING S3.02 FOR BRACE ELEVATIONS AND DETAILS.
5. "TOS EL." INDICATES TOP OF STEEL ELEVATION. (TOP OF JOIST 0'-2 1/2" ABOVE TOS ELEVATION UNO).
6. "TOJ EL." INDICATES TOP OF JOIST ELEVATION.
7. "BOS EL." INDICATES BOTTOM OF STEEL ELEVATION.
8. ◀— —▶ INDICATES SPAN OF METAL DECK.
9. "JH" INDICATES BEAM ELEVATION AT JOIST HEIGHT. (TOP OF STEEL BEAM = TOP OF JOIST ELEVATION).
10. — — — INDICATES UPLIFT (HORIZONTAL) BRIDGING AT FIRST PANEL POINT OF BOTTOM CHORD OF JOISTS.
11. — · · — INDICATES HORIZONTAL BRIDGING OF TOP AND BOTTOM CHORD OF JOISTS.
12. >|< INDICATES (WELDED) CROSS BRIDGING OF JOISTS.
13. —(xxk) INDICATES CONCENTRATED LOAD IN KIPS ON JOIST.
14. PROVIDE PUDDLE WELDS AND SIDELAP FASTENERS PER ROOF DIAPHRAGM KEY PLAN.
15. PROVIDE TIE JOIST DETAIL AT ALL JOISTS THAT FRAME INTO COLUMNS OR ARE DESIGNATED "TJ."
16. ALL MECHANICAL AND ELECTRICAL CONDUITS, PIPING, AND HUNG SOFFITS SHALL BE SUSPENDED FROM STEEL BEAMS, JOIST GIRDERS OR JOISTS. THESE ITEMS SHALL NOT BE HUNG FROM THE METAL DECK. THIS SUPPLEMENTARY FRAMING SHALL BE SUPPLIED BY THE RESPECTIVE TRADES.
17. LOCATIONS AND DIMENSIONS SHOWN FOR RTU'S AND OPENINGS ARE FROM FACE TO FACE OF ANGLES OR FACE OF ANGLES TO CENTER OF JOIST. THE SIZE AND LOCATION OF ROOF OPENING FRAMES SHALL BE VERIFIED AND COORDINATED BY THE GENERAL CONTRACTOR AND THE MECHANICAL CONTRACTOR SHALL VERIFY ALL ROOF OPENINGS BEFORE SUBMITTING SHOP DRAWINGS. REFER TO "ROOF OPENING AND ROOF TOP UNIT SUPPORT" ON DRAWING SX.X FOR FRAMING INFORMATION.
18. <...> INDICATES DRAG FORCE IN TOP CHORD OF JOIST GIRDER OR WIDE FLANGE BEAM.
19. JOISTS SHALL BE DESIGNED FOR WIND UPLIFT AS INDICATED ON ROOF UPLIFT KEY PLAN.

STATE OF MAINE
RIMANTAS M VEITAS
No. 9477
LICENSED PROFESSIONAL ENGINEER

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Revisions:
01/15/16	ISSUED FOR FDN. PERMIT
06/03/16	ISSUED FOR BUILDING PERMIT
06/14/16	ISSUED FOR CONSTRUCTION
07/11/16	ISSUED FOR ADDENDUM #1

Scale:

Date: 01/15/16

ROOF FRAMING PLAN

S1.06