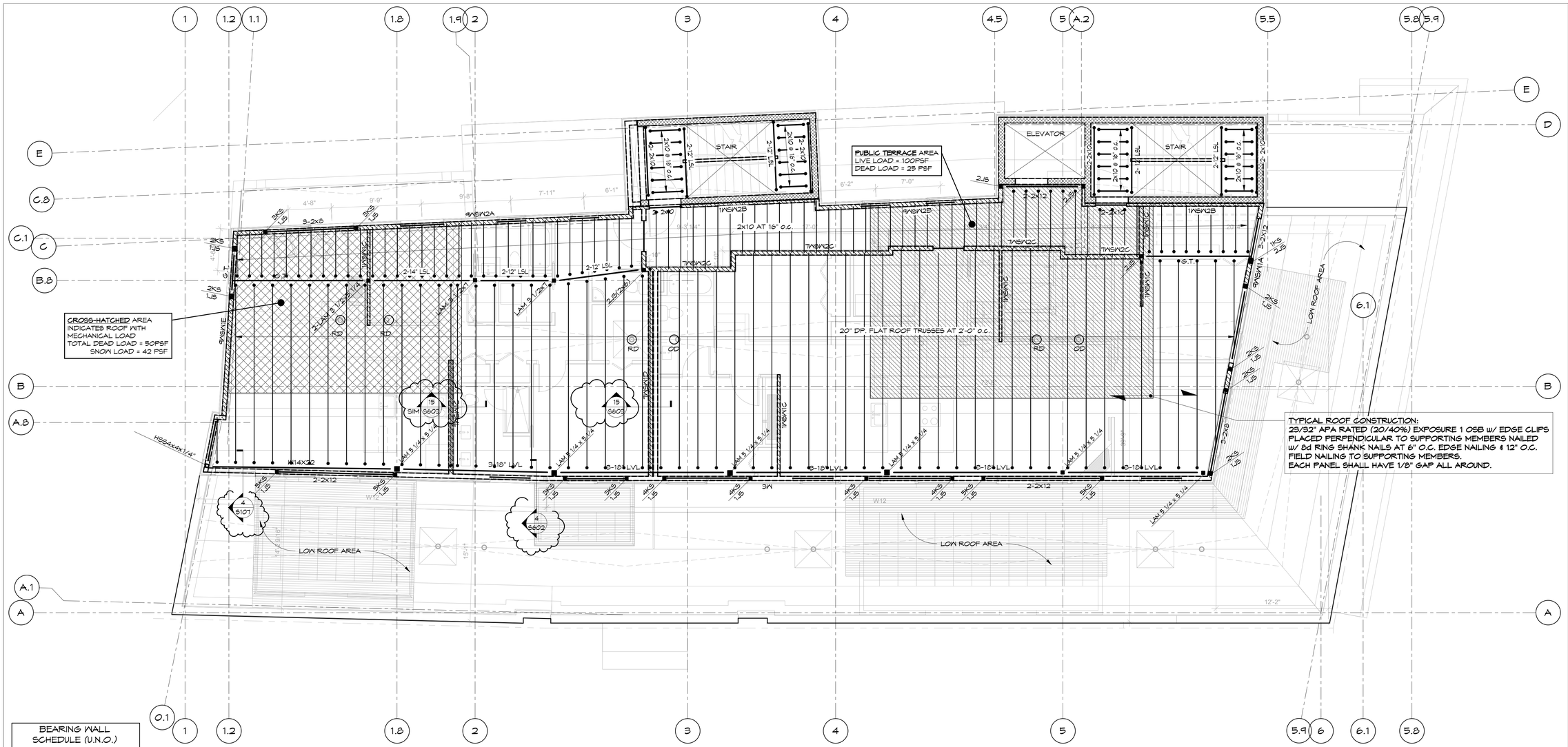


BEARING WALL SCHEDULE (U.N.O.)

1W	2x4's @ 24" o.c.
2W	2x4's @ 24" o.c. + 1-2x4's @ 48" o.c.
3W	2x4's @ 12" o.c.
4W	2x4's @ 12" o.c. + 1-2x4 @ 24" o.c.
5W	2-2x4's @ 12" o.c.
6W	2x4's @ 16" o.c.
7W	2x6's @ 24" o.c.
8W	2x6's @ 24" o.c. + 1-2x6 @ 48" o.c.
9W	2x6's @ 16" o.c.
10W	2x6's @ 12" o.c.
11W	2x8's @ 12" o.c.
12W	2x6's @ 12" o.c. + 1-2x6 @ 24" o.c.

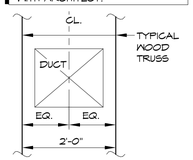
NOTE:
1. ALL STUDS TO BE SPF NO.1 / NO.2 OR BETTER.
2. ALL NON BEARING PARTITIONS TO BE 2x4's @ 24" o.c. U.N.O.
3. ALL EXTERIOR WALLS ARE BEARING WALL 9W U.N.O. ON PLAN.
4. ALL INTERIOR BEARING WALLS ARE 3W UNLESS NOTED ON PLAN.
5. ALL CORRIDOR WALLS TO BE 7W BEARING WALLS U.N.O. ON PLAN.

WOOD TRUSS LOAD SCHEDULE

ROOMS	LIVE LOAD	40 psf
	TOP CHORD DEAD LOAD	35 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	80 psf
LOBBY, VESTIBULE, STORAGE, AND MECHANICAL	LIVE LOAD	100 psf
	TOP CHORD DEAD LOAD	15 psf
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	120 psf
GREEN ROOF	SNOW LOAD	42 psf + allow for drift
	TOP CHORD DEAD LOAD	37 psf + allow for RTU weight
	SEE ROOF PLAN FOR ADD'L MECHANICAL LOAD	
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	84 psf
ROOF	SNOW LOAD	42 psf + allow for drift
	TOP CHORD DEAD LOAD	15 psf
	SEE ROOF PLAN FOR ADD'L MECHANICAL LOAD	
	BOTTOM CHORD DEAD LOAD	5 psf
	TOTAL	62 psf

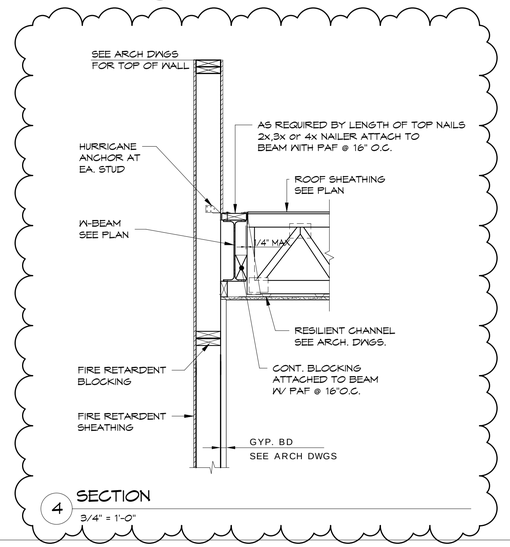
NOTE:
TRUSS MFG. TO COORDINATE FLOOR TRUSS SPACING W/MECHANICAL UNITS. MECHANICAL UNIT TO BE CENTERED BETWEEN 2-FLOOR/ROOF TRUSSES.

NOTE:
ALL WET WALLS TO BE 2x6. WALL PANELIZER TO COORD. ALL WET WALL LOCATIONS WITH ARCHITECT.



TYPICAL TRUSS LAYOUT @ MECHANICAL UNITS

1 ROOF FRAMING PLAN
3/16" = 1'-0"



4 SECTION
3/4" = 1'-0"

ROOF FRAMING NOTES:
1. FOR TYPICAL DETAILS AND GENERAL NOTES SEE DRAWING S201 THRU S205.
2. FOR PLATE HEIGHT, SEE ARCHITECTURAL DRAWINGS.
3. GENERAL CONTRACTOR NOTE: ALL POST AND JACK STUDS SHALL EXTEND DOWN CONTINUOUSLY FROM THE ROOF THROUGH ALL FLOOR FRAMING TO THE FOUNDATION UNLESS INTERRUPTED BY A BEAM OR OTHER SUPPORTING MEMBER.
4. FRAMING SUPPLIER SHALL SUBMIT TRUSS AND LSL HANGER INFORMATION FOR APPROVAL.
5. X-6" LSL INDICATES THE NUMBER OF 1 3/4" x 5 1/2" LSL'S.
   X-8" LSL INDICATES THE NUMBER OF 1 3/4" x 7 1/4" LSL'S.
   X-10" LSL INDICATES THE NUMBER OF 1 3/4" x 9 1/2" LSL'S.
   X-12" LSL INDICATES THE NUMBER OF 1 3/4" x 11 7/8" LSL'S.
   X-14" LSL INDICATES THE NUMBER OF 1 3/4" x 14" LSL'S.
   X-16" LSL INDICATES THE NUMBER OF 1 3/4" x 16" LSL'S.
   X-18" LSL INDICATES THE NUMBER OF 1 3/4" x 18" LSL'S.
6. "GT" INDICATES GIRDER TRUSS.
7. "R=" INDICATES HANGER LOADS.
8. "XJS" INDICATES THE NUMBER OF JACK STUDS.
9. "XKS" INDICATES THE NUMBER OF FULL HEIGHT KING STUDS.
10. "...LAM" INDICATES PARALLAM COLUMN.
11. INDICATES FLUSH FRAMING WITH HANGERS.
12. INDICATES TRUSSES/JOISTS CONTINUOUS OVER WALLS/HEADERS.
13. ALL 6" WALL HEADERS SHALL 3-2x6 U.N.O.
14. ALL 4" HEADERS SHALL BE 2-2x10 U.N.O.
15. AT 6" WALLS PROVIDE 1 JACK STUD AND 1 KING STUD AT END OF EACH OPENING AND UNDER CONCENTRATED LOAD U.N.O. AT 4" WALLS PROVIDE 1 JACK STUD AND 1 KING STUD AT END OF EACH OPENING AND UNDER CONCENTRATED LOAD U.N.O.
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 SIZED BY TRUSS SUPPLIER.
18. INDICATES 2x... WALLS BEARING WALLS BELOW.
19. AT ALL INTERIOR LOAD BEARING WALLS AND ALL NON-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. INTERIOR SHEAR WALL ANCHORS SHALL BE PROVIDED AT EACH END AND EACH LEVEL OF SHEAR WALLS. EXTERIOR SHEAR WALL ANCHOR LOCATIONS SHALL BE AS INDICATED ON THE PLAN.
22. THE ROOF TRUSSES SHALL BE DESIGNED TO RESIST WIND UPLIFT LOADS AS PER THE MASSACHUSETTS 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.
23. SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPE.
24. PROVIDE POST CAPS AT ALL POST COLUMNS TO SECURE POSTS TO GIRDER TRUSSES OR LSL'S.
25. TIEDOWNS FOR GIRDER TRUSSES SHALL BE DESIGNED AND SUPPLIED BY THE TRUSS SUPPLIER.
26. "U=XXk" INDICATES NET UPLIFT REACTION AT GIRDER TRUSSES.
27. PROVIDE DRAG TRUSS OVER SHEAR WALLS.
29. COORDINATE ROOF TRUSS PROFILES WITH ARCHITECTURAL DRAWINGS.
29. RD = INDICATES ROOF DRAIN.
    OD = INDICATES OVERFLOW DRAIN.
    PROVIDE ADDITIONAL BLOCKING.

Prepared For:
NewHeight Group
118 Congress Street, Unit 401
Portland, Maine

Consulting Engineer:
VEITAS VEITAS engineers
638 Granite Street, Suite 101
Braintree, Massachusetts 02184
TEL (781)843-2663 FAX (781)849-2065

Architect:
ARCHETYPE architects
48 Union Wharf Portland, Maine 04101
(207) 772-6022 ARCHETYPE@ARCHETYPEPA.COM

Project:
LUMINATO
Newbury Street Portland, Maine

Revisions:

05/16/16	FOUNDATION PERMIT
06/07/16	80% REVIEW DRAWINGS
06/24/16	100% STRUCTURAL DRAWINGS
07/20/16	100% CONSTRUCTION DRAWINGS

Scale: As indicated

Date: 04/19/16

ROOF FRAMING PLAN

S107