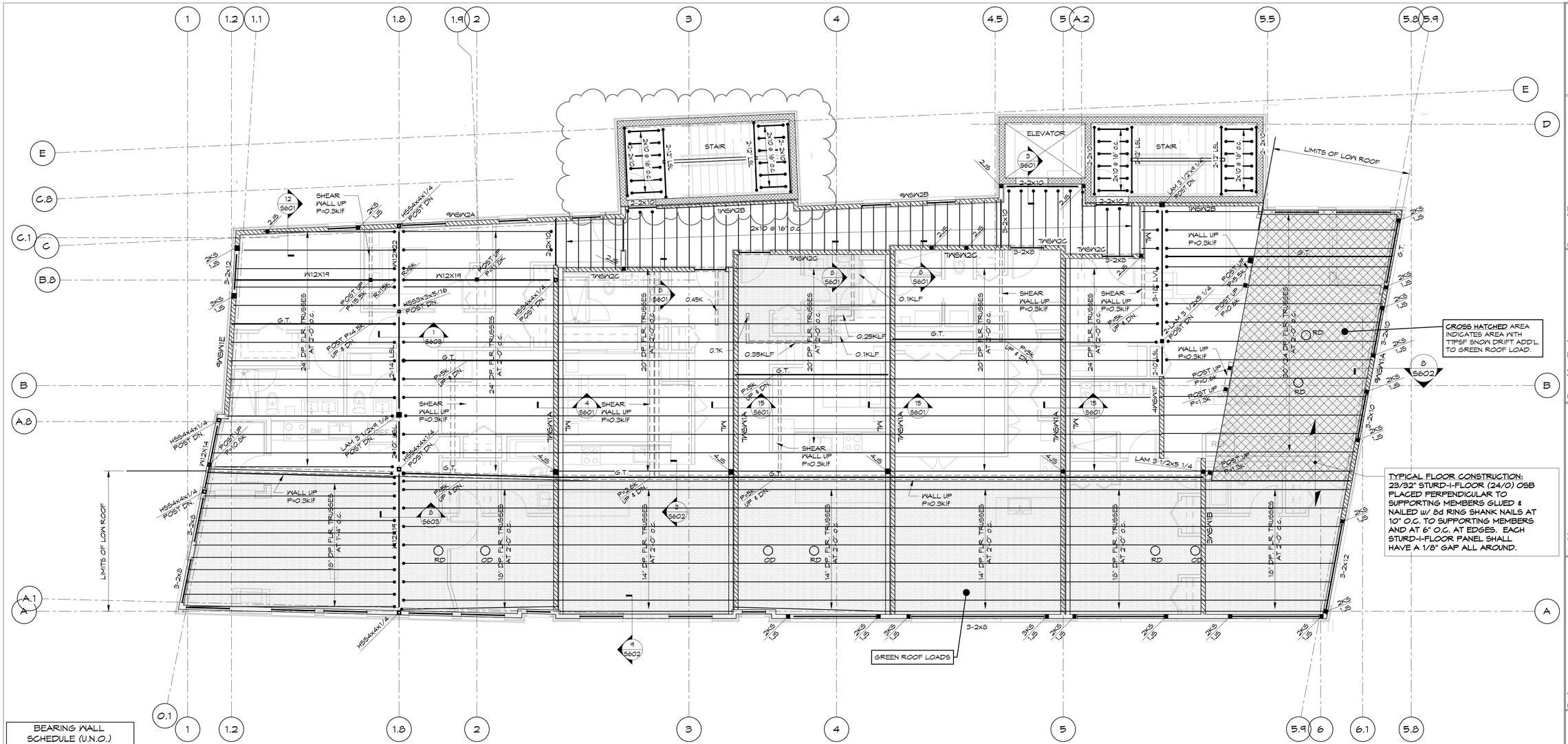


BEARING WALL SCHEDULE (U.N.O.)	
1W	2x4's @ 24" o.c.
2W	2x4's @ 24" o.c. + 1-2x4's @ 45° o.c.
3W	2x4's @ 12" o.c.
4W	2x4's @ 12" o.c. + 1-2x4 @ 24" o.c.
5W	2-2x4's @ 12" o.c.
6W	2x4's @ 16" o.c.
7W	2x6's @ 24" o.c.
8W	2x6's @ 24" o.c. + 1-2x6 @ 48" o.c.
9W	2x6's @ 16" o.c.
10W	2x6's @ 12" o.c.
11W	2x8's @ 12" o.c.
12W	2x6's @ 12" o.c. + 1-2x6 @ 24" o.c.

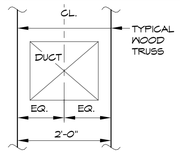
NOTE:
1. ALL STUDS TO BE SPF NO.1 / NO.2 OR BETTER.
2. ALL NON BEARING PARTITIONS TO BE 2x4's @ 24" o.c. U.N.O.
3. ALL EXTERIOR WALLS ARE BEARING WALL 9W U.N.O. ON PLAN.
4. ALL INTERIOR BEARING WALLS ARE 3W UNLESS NOTED ON PLAN.
5. ALL CORRIDOR WALLS TO BE 7W BEARING WALLS U.N.O. ON PLAN.

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



TYPICAL TRUSS LAYOUT @ MECHANICAL UNITS

1 SIXTH FLOOR FRAMING PLAN
3/16" = 1'-0"

FLOOR FRAMING NOTES:

1. FOR TYPICAL DETAILS & GENERAL NOTES SEE DRAWING S201 THRU S205.
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 LSL BEAMS.
4. FRAMING SUPPLIER SHALL SUBMIT WOOD TRUSS, LSL 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.
6. "LSL" INDICATES LAMINATED STRAND LUMBER, GRADE 2500 Fb-1,75E w/BENDING STRESS Fb=2500 psi, MODULUS OF ELASTICITY E=1.75x10^6 psi AND SHEAR STRESS Fv=410 psi.
7. "GT" INDICATES GIRDER TRUSS.
8. "R=" INDICATES HANGER LOAD.
9. "XKS" INDICATES THE NUMBER OF FULL HEIGHT KING STUDS.
10. "XJS" INDICATES THE NUMBER OF JACK STUDS.
11. "XXXPSL" INDICATES PARALLAM POST SEE PLAN.
12. * INDICATES TOP CHORD BEARING TRUSSES.
13. TOP CHORD BEARING FLUSH FRAMING.
14. INDICATES TRUSSES/JOISTS CONTINUOUS OVER WALLS/HEADERS.
15. XXK INDICATES POINT LOAD ON WOOD TRUSS OR GIRDER TRUSS.
16. ALL 6" WALL HEADERS SHALL 3-2x6 U.N.O.
17. ALL 4" WALL HEADERS SHALL BE 2-2x10 U.N.O.
18. 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.
19. INDICATES 2x... BEARING WALLS BELOW, SEE BEARING WALL SCHEDULE FOR SIZE & SPACING OF WALL STUDS.
20. AT ALL INTERIOR LOAD BEARING WALLS OVER 8'-0" IN HEIGHT, PROVIDE ONE ROW OF WOOD BLOCKING AT MID-HEIGHT OF STUDS.
21. "SWX" , "SHEAR WALL" OR INDICATES SHEAR WALL.
22. FOR SHEAR WALL ELEVATIONS AND DETAILS, SEE DRAWING S304.
23. SHEAR WALL ANCHORS SHALL BE PROVIDED AT THE ENDS OF EACH SHEAR WALL. POSITIVE ANCHORAGE SHALL BE CONTINUOUS THROUGH ALL FLOOR LEVELS AND MUST TERMINATE AT FOUNDATIONS. FOR ANCHOR REQUIREMENTS, SEE SHEAR WALL ELEVATION.
24. FOR PIPES HUNG BELOW CORRIDORS, ATTACH PIPE HANGERS AT MIDPOINT OF JOISTS.
25. SEE LOAD SCHEDULE FOR FLOOR JOISTS DESIGN LOADS.
26. TRUSS SUPPLIER TO COORDINATE LOCATION AND SIZE OF MECHANICAL CHASES WITH MEP DRAWINGS.
27. PROVIDE POST CAPS AT ALL POST COLUMNS TO SECURE POSTS TO GIRDER TRUSSES OR LSL'S.
28. WHERE TRUSS FALLS DIRECTLY BELOW WATER CLOSET, MOVE TRUSS 6" AND ADD AN ADDITIONAL TRUSS TYPICAL.
29. 1W SW1 A INDICATES BEARING/SHEAR WALL TYPE. SEE SCHEDULE ON DWG S3 SERIES DWGS.
    - HOLDDOWN
    - SHEAR WALL
    - BEARING WALL
30. PROVIDE A MINIMUM OF TWO STUDS BELOW BEARING POINT OF GIRDER TRUSSES (GT) UNLESS NOTED OTHERWISE.
31. F.T. INDICATES FIRE TREATED MEMBER. SEE SCHEDULE ON DWG. S602.
32. INDICATES AREA OF RAISED PLATFORM

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)849-2063 FAX (781)849-2065

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

Revisions:

05/16/16	FOUNDATION PERMIT
06/07/16	80% REVIEW DRAWINGS
06/24/16	100% STRUCTURAL DRAWINGS
07/20/16	100% CONSTRUCTION DRAWINGS
08/05/16	ADDENDUM #A

Project:
LUMINATO
Newbury Street Portland, Maine

Scale: As indicated

Date: 04/19/16

SIXTH FLOOR FRAMING PLAN

S106