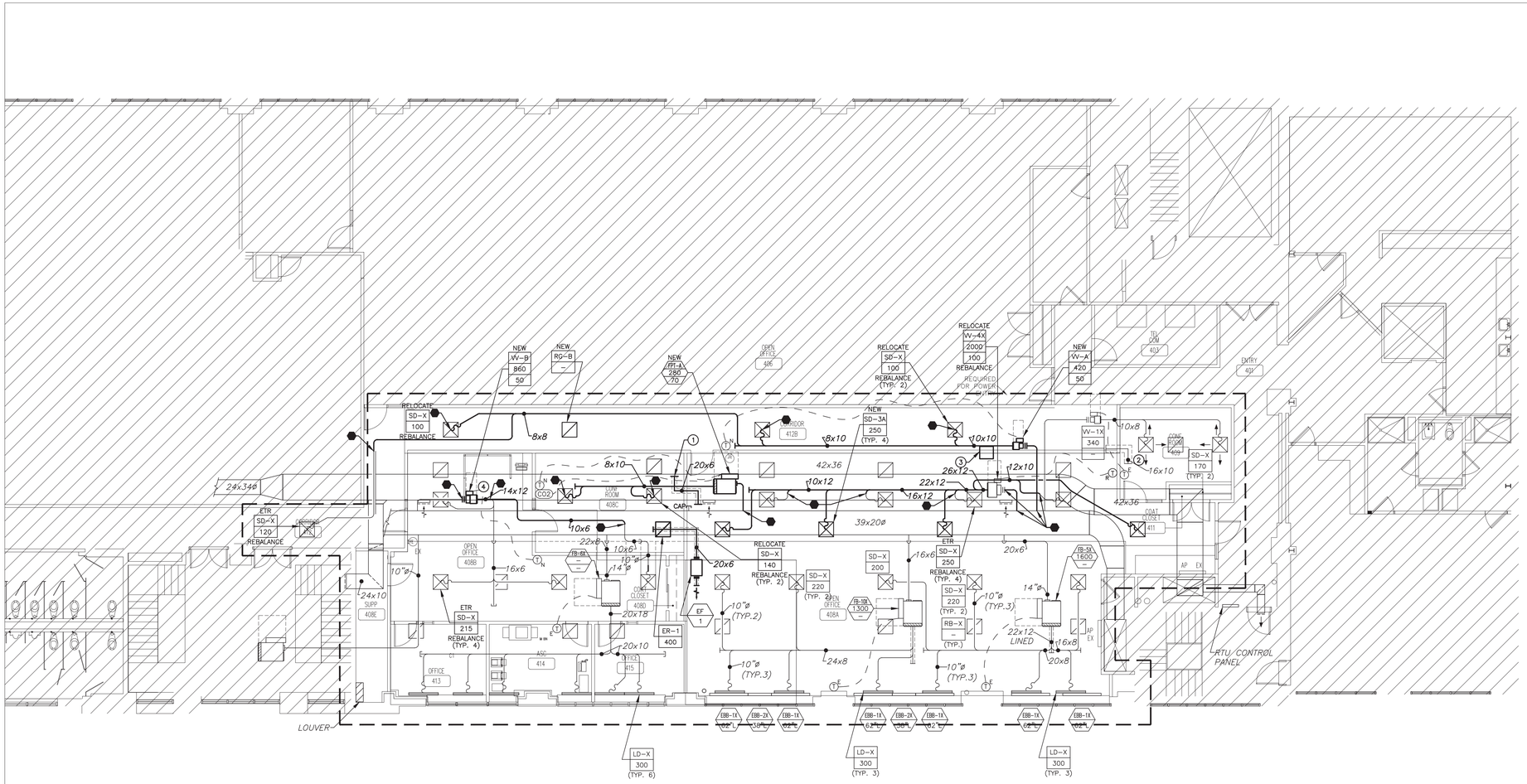

DUCTWORK GENERAL NOTES:

1. *EACH DIFFUSER RUNOUT SHALL BE PROVIDED WITH A VOLUME DAMPER. REFER TO CEILING DIFFUSER BRANCH TAKE-OFF DETAIL FOR ADDITIONAL INFORMATION.*
2. *RUNOUT SIZES TO LINEAR DIFFUSERS SHALL MATCH INLET SIZE NOTED IN THE DIFFUSER REGISTER AND GRILLE SCHEDULE.*
3. *RUNOUT SIZES TO TERMINAL UNITS (VV ,CV, FPT) SHALL MATCH INLET SIZE UNLESS NOTED OTHERWISE ON THE FLOOR PLANS.*
4. *ALL VOLUME DAMPERS LOCATED ABOVE HARD NON-ACCESSABLE CEILINGS SHALL BE PROVIDED WITH A YOUNG REGULATOR VOLUME DAMPER FOR REMOTE BALANCING.*

DIFFUSER RUNOUT SIZE SCHEDULE FOR OPEN OFFICE AREAS

OPEN OFFICE CFM RANGE	DUCT RUNOUT SIZE TO DIFFUSER
0 – 120	6"ø
121 – 185	8"ø
186 – 265	9"ø
266 – 325	10"ø
326 – 470	12"ø
471 – 625	14"ø
626 – 775	16"ø

THE ABOVE ALSO APPLIES TO STORAGE ROOMS, KITCHENS, DATA CENTERS, CORRIDORS AND ALL NON-CRITICAL SPACES THAT REQUIRE A MAXIMUM NC LEVEL OF 35.

DIFFUSER RUNOUT SIZE SCHEDULE FOR ENCLOSED OFFICE OR CONFERENCE ROOMS

ENCLOSED OFFICE CFM RANGE	DUCT RUNOUT SIZE TO DIFFUSER
0 – 100	6"ø
101 – 160	8"ø
161 – 225	9"ø
226 – 280	10"ø
281 – 400	12"ø
401 – 530	14"ø
531 – 665	16"ø

THE ABOVE ALSO APPLIES TO TRAINING ROOMS, CLASSROOMS, CONFERENCE CENTERS AND ALL SOUND CRITICAL SPACES THAT REQUIRE A MAXIMUM NC LEVEL OF 30.

GENERAL DRAWING NOTES:

1. *REBALANCE VV AND FPT BOXES IN SCOPE OF WORK AS SHOWN. REBALANCE ALL ASSOCIATED DIFFUSERS.*
2. *CLEAN VV, FPT BOXES, AND HEATING COILS IN AREA OF WORK. REPLACE ALL FILTERS UPON COMPLETION OF CONSTRUCTION.*
3. *RELOCATE DIFFUSERS TO MATCH NEW CEILING GRID.*

SPECIFIC DRAWING NOTES:

1. *TRANSFER DUCT. SEE DETAIL ON DRAWING H0.02.*
2. *RELOCATE TRANSFER DOWN, AS REQUIRED TO OFFSET THE WALL.*
3. *22X6 TRANSFER DUCT WITH WIRE MESH SCREEN.*
4. *REPLACE EXISTING VV BOX SERVING OPEN OFFICE 408B WITH NEW VV-B, AS SCHEDULED ON DWG H-0.01. VERIFY EXACT LOCATION IN FIELD.*

N

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THE GENERAL CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS ON SITE AND CONFIRM SUCH DIMENSIONS AGAINST ACTUAL SITE CONDITIONS. THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK AND RELATED TRADES, AND SHALL NOTIFY THE ARCHITECT OF ANY INTERFERENCE OF MECHANICAL, ELECTRICAL, OR PLUMBING WORK WITH THE ARCHITECTURAL WORK AND OF ANY CONFLICTS OR DISCREPANCIES IN DIMENSIONS AGAINST ON SITE CONDITIONS PRIOR TO PROCEEDING WITH THE WORK OR PROCUREMENT OF MATERIALS.

Project:
Liberty Mutual™
1 Federal Street
Springfield, MA 01115
Project No: 044.82

Drawn by:	TL
Checked by:	KD
Approved by:	TW

Client Approval:	Date:

Issue Date: 11/03/2011

No.	Date	Revision

Scale: 1/8" = 1'-0"

Drawing:
HVAC
FOURTH FLOOR
DUCTWORK
PLAN
No. H-1.04

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