State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services
KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management
DAVID G. BUXTON
Director

ADDENDUM #1

Date:	25 November 2008
To:	Abatement Contractors
From:	Bill Bowen, Project Manager, DFCM
Reference:	University of Utah College of Nursing Seismic Renovation & Remodel
DFCM Project #:	07260750
Subject:	**Addendum No. 1**

Pages:	DFCM Addendum	1 page
	GSBS Architects Addendum	5 pages
	Revised Drawings/Specifications	28 pages
	IHI Abatement Addendum	5 pages
	Total Pages	**39 pages**

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

---

1. **SCHEDULE CHANGES –** No schedule changes

University of Utah College of Nursing Renovation

ADDENDUM NO. 1
November 25, 2008

PART 1 – GENERAL

The original Bid Package #1 Non-Structural Demolition, dated October 29, 2008 for the project referenced above is amended in the following attachment.

Receipt of this addendum shall be acknowledged by inserting its number and date in the space provided on the bid form.

This addendum consists of the following items:

1.1 REVISED ARCHITECTURAL DRAWINGS

a. G003 – Refer to attached revised drawing
b. AD000A – Refer to attached revised drawing
c. AD102A – Refer to attached revised drawing
d. AD102B – Refer to attached revised drawing
e. AD102C – Refer to attached revised drawing
f. AD103A – Refer to attached revised drawing
g. AD104A – Refer to attached revised drawing
h. AD105A – Refer to attached revised drawing
i. AD105B – Refer to attached revised drawing
j. AD105C – Refer to attached revised drawing
k. AD301A – Refer to attached revised drawing

1.2 REVISED MECHANICAL DRAWINGS AND SPECIFICATIONS

a. M001 – Refer to attached revised drawing
b. MK101 – Refer to attached revised drawing
c. MK102 – Refer to attached revised drawing
d. M101 – Refer to attached revised drawing
e. M102 – Refer to attached revised drawing
f. M103 – Refer to attached revised drawing
g. M104 – Refer to attached revised drawing
h. M105 – Refer to attached revised drawing
i. M401 – Refer to attached revised drawing

1.3 REVISED PLUMBING DRAWINGS AND SPECIFICATIONS

a. PK101 – Refer to attached revised drawing
b. PK102 – Refer to attached revised drawing
c. P101 – Refer to attached revised drawing
d. P102 – Refer to attached revised drawing

e. P104 – Refer to attached revised drawing
f. P401 – Refer to attached revised drawing

1.4 REVISED FIRE PROTECTION DRAWINGS AND SPECIFICATIONS

a. F101 – Refer to attached revised drawing

1.5 REVISED ELECTRICAL DRAWINGS AND SPECIFICATIONS

a. Sheets ED000 thru ED105:

1. Add the following sentence to General Sheet Note #4:

"Coordinate telecommunications demolition work with U of U Netcom: David Kosanke, (801) 581-3900."

2. Change General Sheet Note #7 to read:

"Remove the fire alarm devices from the removed walls and ceilings, with associated conduit and wiring. Salvage existing devices (smoke detectors, horn/strobes, pull stations and panels) for reuse in a later bid package. Notify Campus Fire Marshal that system is not functioning."

3. Change General Sheet Note #10 to read:

"Existing security system and devices (card readers, cameras and panels) shall be removed and salvaged for reuse in a later bid package. Contractor shall be responsible for building security throughout project."

4. Add the following to Sheet Keynote #1:

"Maintain (1) panelboard active per floor for temporary power as directed by the General Contractor for removal in a later bid package."

b. Sheet ED100:

1. Sheet Keynote #4 applies to the medium-voltage switch and transformers in the existing Electrical Vault.

2. Delete the last sentence of Sheet Keynote #4 and replace with the following:

"Removal will occur in a subsequent bid package."

3. Delete the last sentence of Sheet Keynote #5 and replace with the following:

"Removal will occur in a subsequent bid package."

4. Remove existing generator with associated conduit, wiring, transfer switch and equipment. Generator is located in the room immediately east of the existing Mechanical shaft.

5. Existing fire alarm horn/strobes on perimeter wall of this level may remain as long as they do not interfere with abatement portion of project.

c. Sheet ED102:

1. Refer to attached revision sheet ED102-R1 for additional demolition information on this level.

d. Sheet ED105:

1. Refer to Architectural Ceiling Demolition Sheet AD105B and remove light fixtures and ceiling devices according to that drawing.

REVISED AESBESTOS AND LEAD ABATEMENT DRAWINGS AND SPECIFICATIONS

a. Asbestos Materials Survey: First Level
b. Asbestos Materials Survey: Second Level
c. Addendum Number 1 (3 pages)

1.7 BIDDER QUESTIONS AND RESPONSES

1 Question: Please define "patch and repair" for the ceiling, floors and wall surfaces.

Response: *Any damage to surfaces that are to remain and be reused as-is, will need to be repaired to their original condition per the specification.*

2 Question: Items to be salvaged:

6. Security Equipment

7. Fire Alarm Equipment.

Please define what is meant by Security Equipment and Fire Alarm Equipment. What equipment is DFCM expecting to be salvaged

Response: *Prior to mobilization, the University will salvage some equipment, devices and appurtenances associated with these systems. The permanently wired fire alarm and security equipment/devices that are not salvaged by the University prior to mobilization shall be removed and salvaged by the Demolition Contractor for reuse in the project. Examples of such devices are smoke detectors, horn/strobe lights, card readers, cameras and control panels that feed these devices.*

3 Question: Items to be salvaged does not indicate that DFCM want the doors, but is D5 all doors and frames to salvage for re-use, but in Items to be demolished, all

dashed line are element to demolished. All door except a few are dashed. There are only a few doors that are identified to be removed.

Response: *Doors are to be removed as indicated on drawings. All hazardous doors are to be treated as hazardous material per Asbestos and Lead Abatement Report. Non hazardous doors are to be salvaged for review and possible re-use.*

4 Question: There is confusion on the pictures and the drawing. In the pictures typical window, Salvage window coverings. But no mention of salvage window covering in general notes.

Response: *Note regarding salvaging window coverings has been added to the "salvage items" list.*

5 Question: Pictures 51c, 54, 55, 56, 56b makes mention in the picture to demo the ceiling in the area, but no note in the general demolition note. Does the demo of the ceiling include the demo of the grid?

Response: *Note on pictures listed refers to general note "D3". General note "D3" covers demolition work for ceilings.*

6 Question: AD102B in the newly renovated areas it shows ceiling demo, on page M101 the diffusers and register and grills in 2 classrooms are to not identified

Response: *Only remove what is required to facilitate removal of ductwork.*

7 Question: MK101 No Demo indicated?

Response: *Refer to revised drawings.*

8 Question: Please define Selective Demo. On pages AD102B, AD105, and AD105B there in selective demo indicated but no definition on page G00

Response: *Arch will add note to clarify extent of selective demo.*

9 Question: No note in general notes on G0003 about furniture on the 5th floor to remain or work around?

Response: *Owner will salvage the furniture they want to keep prior to start of demolition. Refer to revised drawings.*

10 Question: In specs Construction Waste Management and Disposal Section 017419

1.4 Performance Requirements

Achieve end-of-project waste for salvage/recycling of 50% by weight of total non-hazardous solid waste.

Are all materials considered hazardous waste?

Response: *This may not be achievable due to the nature of the abatement and demolition activities occurring simultaneously. The goal is to quantify and recycle nonhazardous waste. Please identify your approach to this in your management*

plan.

11 Question: Is the Sub-Basement Mechanical Room (complete) Demolition a part of the Asbestos Abatement Contractors Scope of Work; and if so where in the Specifications is this manifest?

Response: *Yes, abatement and demolition of all equipment (exceptions noted) in the Sub-basement is part of this scope of work. A Sub-basement demolition drawing will be issued.*

12 Question: Within the issued Abatement/Demolition drawings, General Demolition Notes reference 'Unless Noted Otherwise'; What is the intent of this note? i.e., what other drawings are issued with this project that would clarify 'Unless Noted Otherwise'?

Response: *Assume a global application of the stated requirement, unless a unique condition is specifically identified. There are no other drawings to be issued.*

13 Question: Documents state the Fire-Suppression System to remain active during demolition; however discussion at the initial Bid Conference 10.13.08 was that the system was going to be demolished. What is correct?

Response: *The fire suppression and notification systems WILL NOT remain active during abatement and demolition and will be taken off-line prior to commencement of these activities. The contractor will be responsible for providing fire watch, fire extinguishers and overall building security and safety.*

END OF ADDENDUM NO. 1

REMOVE CEILINGS ELEMENTS PER KEY NOTE D3
SALVAGE SMOKE CURTAINS PER GENERAL DEMOLITION NOTES
REMOVE FURRED WALLS @ ELEVATOR PER KEY NOTE D1
ELEVATORS AND CONTROLS TO REMAIN. PROTECT FROM DAMAGE
REMOVE FLOORING PER KEY NOTE D2

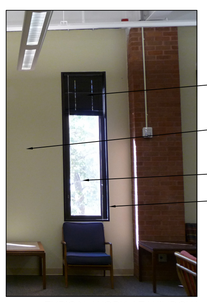
TYPICAL WORK AT ELEVATOR

REMOVE CEILINGS ELEMENTS PER KEY NOTE D3
REMOVE GYP. BD. ON CORRIDOR SIDE AND STAIRWAY SIDE. PROTECT STUDS AND INTERIOR WALL FROM DAMAGE. 1
REMOVE FLOORING PER KEY NOTE D2

TYPICAL WORK AT STAIR 100

REMOVE CEILINGS ELEMENTS PER KEY NOTE D3
BRICK @ COLUMNS TO REMAIN, PROTECT FROM DAMAGE. SEE KEY NOTE D1
REMOVE WALLS PER KEY NOTE D1 D5
REMOVE FLOORING PER KEY NOTE D2

TYPICAL WORK AT COLUMN



SALVAGE WINDOW COVERINGS PER GENERAL DEMOLITION NOTES, TYP.
REMOVE FURRED WALL AND ANY M.E.P. ELEMENTS PER KEYNOTE D1
ALL WINDOWS TO REMAIN, PROTECT FROM DAMAGE, TYP.
REMOVE ALL INTERIOR WINDOW CASING TO FACILITATE REMOVAL OF WALL, TYP. 1

TYPICAL WORK AT WINDOW

GENERAL DEMOLITION NOTES:

(NOTES APPLY TO ALL DRAWINGS)

GENERAL:

- SCOPE OF THIS DEMOLITION PACKAGE IS LIMITED TO NON-STRUCTURAL BUILDING ELEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH EXISTING CONDITIONS AND VERIFYING THESE CONDITIONS PRIOR TO BIDDING THIS PROJECT. IF ANY DISCREPANCIES BETWEEN THE EXISTING PHYSICAL CONDITIONS ON SITE AND THE CONDITIONS DESCRIBED IN THE DRAWINGS ARE FOUND, CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT (IN WRITING).
- CONTRACTOR IS RESPONSIBLE FOR SECURING THE PROJECT SITE AND BUILDING AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY BARRIERS AS NEEDED TO PROTECT AREAS OF NO DEMO WORK AND SELECTIVE DEMO FROM DAMAGE AND DEBRIS ALL AREAS OF THE CONSTRUCTION SITE SHALL BE MADE SAFE AT THE END OF THE WORK DAY.

COORDINATION:

- CONTRACTOR SHALL COORDINATE WITH HAZARDOUS MATERIALS REPORT ISSUED BY IHI. CONTRACTOR TO CONFIRM EXISTENCE OF ELECTRICAL ITEMS CONTAINING HAZARDOUS MATERIAL, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, BALLASTS, LIGHT BULBS AND REFRIGERANT UNITS WITH HAZARDOUS MATERIALS REPORT AND HAZARDOUS MATERIALS CONSULTANT. CONTRACTOR MAY OBTAIN COPY OF REPORT FROM THE OWNER.
- CONTRACTOR SHALL COORDINATE WITH UNIVERSITY OF UTAH ENVIRONMENTAL HEALTH AND SAFETY (EHS) DEPARTMENT REGARDING HAZARDOUS MATERIALS.
- CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, TELECOM AND STRUCTURAL DEMOLITION DRAWINGS. ANY AREAS OF CONFLICT BETWEEN ELEMENTS TO BE REMOVED AND ELEMENTS TO REMAIN SHALL BE IMMEDIATELY BROUGHT TO THE ARCHITECTS ATTENTION IN WRITING.
- CONTRACTOR SHALL COORDINATE STOCKPILE, STORAGE NEEDS AND TEMPORARY FACILITIES WITH ARCHITECT AND OWNER. STORE MATERIALS OUT OF REACH OF GENERAL PUBLIC. CONTRACTOR IS FULLY RESPONSIBLE FOR SECURING STORED MATERIALS FROM THEFT AND VANDALISM.
- CONTRACTOR SHALL COORDINATE ANY UTILITY SHUT DOWNS THAT MAY DISRUPT SERVICE TO OTHER BUILDINGS WITH OWNER PRIOR TO SHUTDOWN.

ITEMS TO BE DEMOLISHED:

- INVESTIGATIVE DEMOLITION AS DESCRIBED ON SHEET AD301A IS TOP PRIORITY, PERFORM THIS WORK PRIOR TO OTHER DEMOLITION WORK. CONTRACTOR TO NOTIFY ARCHITECT PRIOR TO INVESTIGATIVE DEMOLITION WORK SO THAT OWNER, ARCHITECT AND STRUCTURAL ENGINEERS MAY OBSERVE INVESTIGATIVE DEMOLITION WORK. 1
- ALL ELEMENTS SHOWN WITH DASHED LINE ARE ELEMENTS TO DEMOLISHED UNLESS NOTED OTHERWISE.
- ALL DEMOLITION WORK NEXT TO ITEMS TO REMAIN OR ITEMS TO BE SALVAGED SHALL BE CAREFULLY CONDUCTED TO PROTECT SUCH ITEMS FROM DAMAGE.

ITEMS TO REMAIN:

- ALL ELEMENTS SHOWN WITH SOLID LINE ARE ELEMENTS TO REMAIN UNLESS NOTED OTHERWISE.
- ALL BRICK COLUMNS, BRICKWORK, WINDOWS, STAIRS, RAILING, ELEVATORS, ELEVATOR CONTROLS, SPRINKLER RISERS, SPRINKLER MAIN RUNS AND STRUCTURAL BUILDING ELEMENTS ON ALL LEVELS ARE TO REMAIN UNLESS NOTED OTHERWISE. COORDINATE WITH MECH, ELEC, PLUMBING AND FIRE PROTECTION DRAWINGS. 1
- MATERIALS TO REMAIN ARE TO BE PROTECTED FROM DAMAGE DURING DEMOLITION WORK. IF ANY ITEMS ARE DAMAGED, ARCHITECT SHALL BE IMMEDIATELY INFORMED IN WRITING. CONTRACTOR TO MAKE NECESSARY REPAIRS OR REPLACEMENT IF MATERIALS AND ITEMS TO REMAIN ARE DAMAGED. CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR PROTECTION OF ITEMS TO REMAIN.

ITEMS TO BE SALVAGED:

- THE FOLLOWING ITEMS ARE TO BE SALVAGED BY THE CONTRACTOR FOR REUSE ON ALL LEVELS UNLESS OTHERWISE NOTED. TAKE CARE NOT TO DAMAGE ITEMS DURING REMOVAL OR DEMOLITION PROCESS. CONTRACTOR SHALL COORDINATE REMOVAL WITH ARCHITECT AND ENGINEERS. COORDINATE STORAGE WITH OWNER AND ARCHITECT.

1. LIGHT FIXTURES WHERE INDICATED
2. NON-HAZARDOUS DOORS
3. CARPET TILE ON LEVEL 5 (WHOLE TILES ONLY, STORE IN BOXES)
4. WOOD BASEBOARD ON LEVEL 5. SALVAGE ALL BASEBOARD IN SELECTIVE DEMO AREA. SALVAGE 100 LINEAL FEET OF BASEBOARD IN DEMO AREA.
5. SECURITY EQUIPMENT
6. FIRE ALARM EQUIPMENT (INCLUDING BUT NOT LIMITED TO PULL STATIONS, HORN / STROBE AND SMOKE DETECTORS) 1
7. SMOKE CURTAINS
8. ACOUSTIC CEILING TILE (ACT) WHERE INDICATED

GENERAL DEMOLITION KEYNOTES:

D1 WALLS & COLUMNS:

- ALL BRICK COLUMNS TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION. IF BRICK DOES NOT FULLY ENCAPSULATE STEEL COLUMNS FROM FLOOR TO UNDERSIDE OF DECK THAN REMOVE ALL EXPOSED FIRE PROOFING AND OVER SPRAY ON STEEL COLUMNS AND IN SEPARATION SPACE BETWEEN STEEL AND BRICK. ENCAPSULATE ALL SEPARATION SPACE BETWEEN STEEL AND BRICK TO PREVENT ANY REMAINING FIRE PROOFING FROM ESCAPING. COORDINATE WORK WITH IHI REQUIREMENTS. 1
- ALL INTERIOR STUD WALLS, STOREFRONT AND ASSOCIATED WIRING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN EXPOSED SURFACES, INCLUDING GLUES & MASTICS, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISHES.
- ALL FURRED WALLS AND ASSOCIATED WIRING SHALL BE REMOVED DOWN TO BARE CONCRETE OR MASONRY IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. AT EXTERIOR WALLS, REMOVE ALL WINDOW CASING TO FACILITATE WITH REMOVAL OF FURRED WALLS. CLEAN EXPOSED SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FURRED WALLS.
- ALL EXISTING EXPOSED CONCRETE AND MASONRY WALLS TO BE CLEANED AS REQUIRED TO RECEIVE NEW WALL FINISH.
- ALL COLUMN WRAPS SHALL BE REMOVED DOWN TO BARE CONCRETE OR MASONRY IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISH.

D2 FLOORS:

- ALL FLOOR FINISHES INCLUDING BUT NOT LIMITED TO VCT, CARPET, CORK AND QUARRY TILE SHALL BE REMOVED DOWN TO BARE CONCRETE IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN SURFACES OF ADHESIVES, MASTICS & SETTING BEDS. PATCH AND REPAIR SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISH. 1
- ALL EXISTING EXPOSED CONC FLOORS SHALL BE CLEANED, PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW FLOOR FINISH.

D3 CEILINGS:

- ALL CEILING ELEMENTS INCLUDING BUT NOT LIMITED TO GYP. BD. CEILING, ACT CEILING & GRID & SUPPORT WIRES, LIGHT FIXTURES, DIFFUSERS, SOFFITS, LIGHT COVES, CABLE TRAYS AND HANGING TRACK SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. CLEAN SURFACES, PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW CEILING. 1
- ALL EXISTING EXPOSED CONC. CEILINGS SHALL BE CLEANED, PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW CEILING FINISH.

D4 TOILET ROOMS:

- TOILET ROOMS SHALL BE COMPLETELY DEMOLISHED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. OWNER WILL BE SALVAGING ITEMS, COORDINATE TIMING AND SEQUENCING WITH OWNER. COORDINATE THE TERMINATION OF PLUMBING LINES WITH MEP DRAWINGS. 1

D5 DOORS / CASEWORK / MISC ITEMS:

- ALL DOORS & FRAMES, OPERABLE PARTITIONS, SIDELIGHTS AND ASSOCIATED GLAZING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. COORDINATE WITH HAZARDOUS MATERIALS REPORT FOR DOORS CONTAINING HAZARDOUS MATERIALS. SALVAGE FOR REUSE ALL NON-HAZARDOUS DOORS, OPERABLE PARTITIONS AND DOOR HARDWARE. COORDINATE REMOVAL OF LOCKSET CORES WITH OWNER PRIOR TO REMOVAL OF DOORS.
- ALL DOORS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING DEMOLITION.
- ALL CASEWORK SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE.
- ALL WALL BASE, CORNER GUARD, WOOD PANELING, CHAIR RAIL SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE.

D6 MEP ITEMS:

- ALL SPRINKLER PIPING INSTALLED BELOW CEILING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. ALL SPRINKLER PIPING ABOVE CEILINGS SHALL BE REMOVED AS DESCRIBED IN MEP DRAWINGS. COORDINATE TERMINATION OF LINES WITH MEP DRAWINGS. 1
- ALL POWER AND DATA RACEWAYS SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE.
- ALL FIN TUBE ENCLOSURE AND PIPING SHALL BE REMOVED IN ALL AREAS OF GENERAL DEMOLITION UNLESS NOTED OTHERWISE. COORDINATE TERMINATION OF PIPING WITH MEP DEMOLITION DRAWINGS.

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:
CHECKED BY:
DFCM PROJECT NO.: 07260750
GSBS PROJECT NO.: 2008.071
ISSUED DATE: 10.29.08

GENERAL NOTES

G003

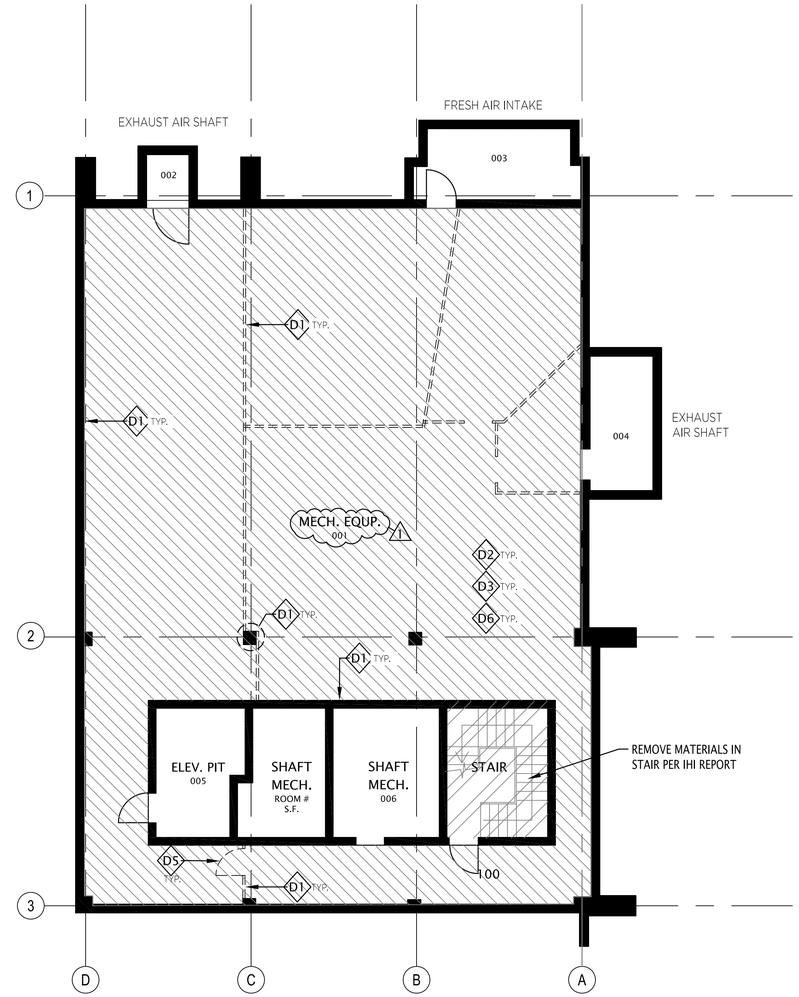
GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1



Sub Basement Demolition Plan

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

1 / AD000A

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

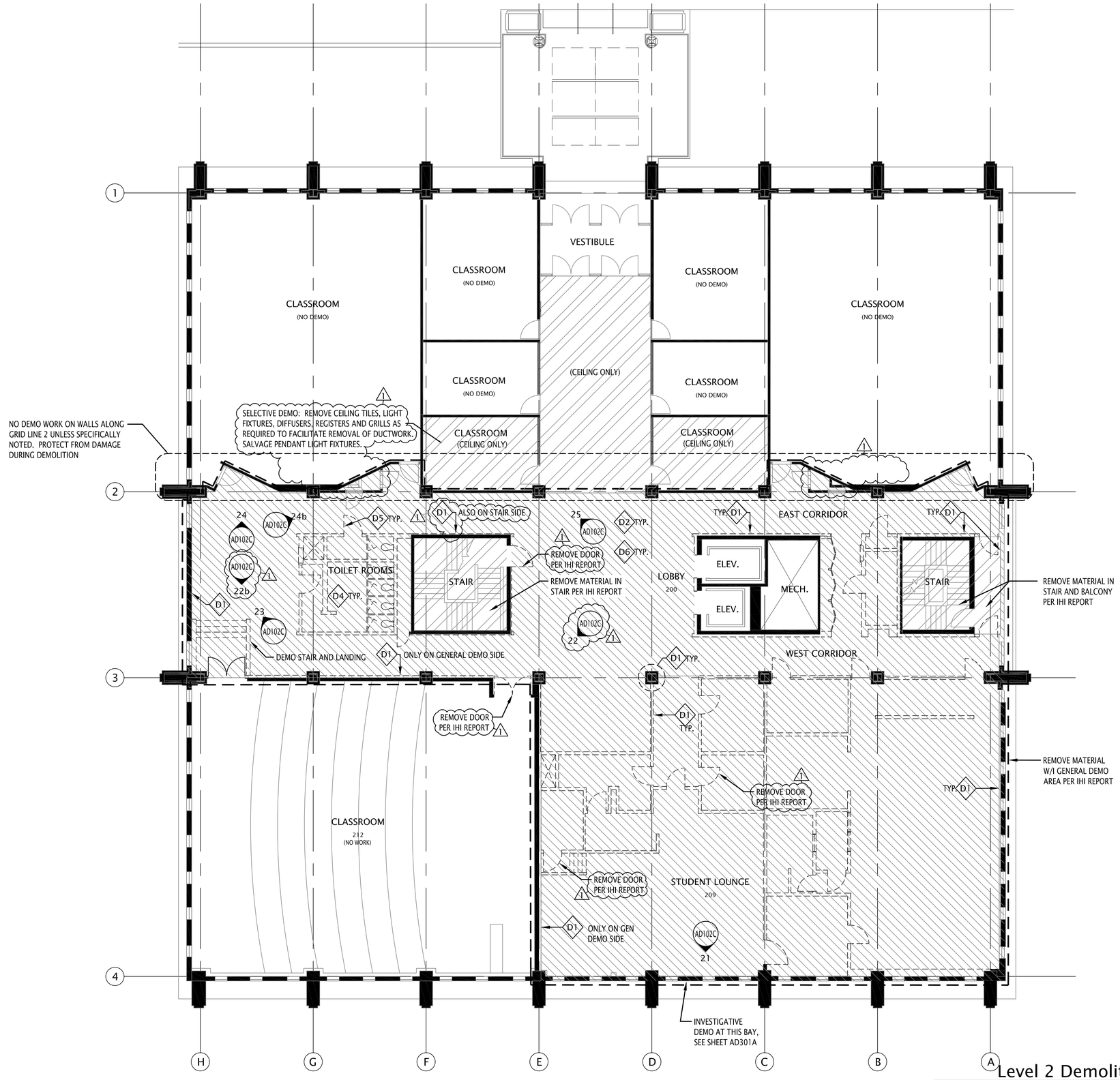
10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

SUB BASEMENT DEMOLITION PLAN

AD000A



Level 2 Demolition Plan

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

1 / AD102A

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

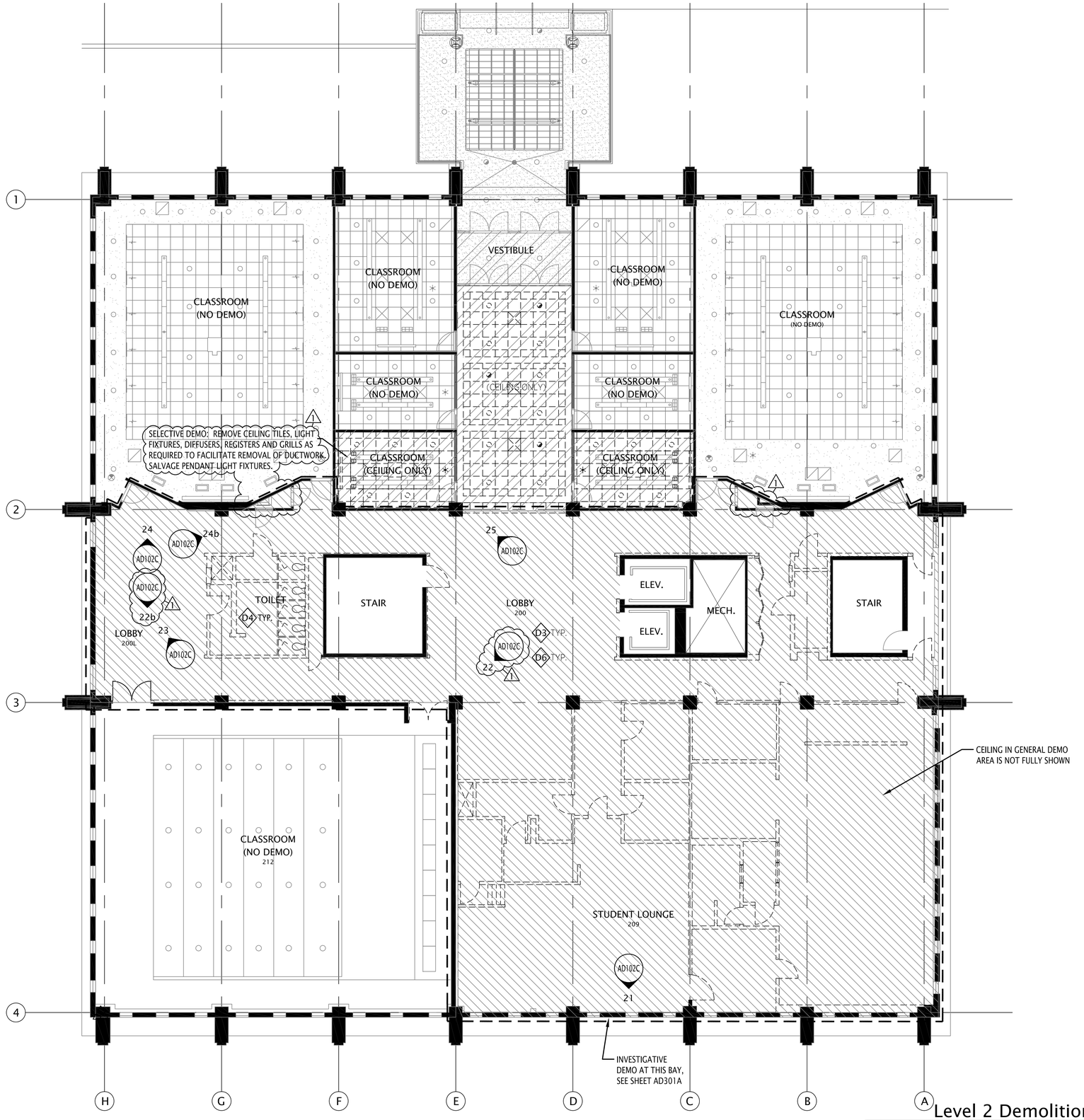
10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 2 DEMO PLAN

AD102A



Level 2 Demolition RCP (1 / AD102B)

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

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 2 DEMO RCP

AD102B

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1

21

STUDENT LOUNGE - RM 209 (BRACE LOCATION)

- REMOVE CEILING ELEMENTS PER KEYNOTE D3
- REMOVE FURRED WALL AND ANY M.E.P. ELEMENTS PER KEYNOTE D1
- REMOVE ALL WINDOW CASING TO FACILITATE REMOVAL OF WALL - TYP. 1
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE FLOORING PER KEYNOTE D2

22

CLASSROOM 212

- REMOVE CEILING ELEMENTS PER KEYNOTE D3
- REMOVE WOOD PANELING AND WALL ON CORRIDOR SIDE OF CLASSROOM 212, TYP.
- REMOVE DOOR
- REMOVE LOCKERS
- REMOVE STAIR LANDING, RAILING AND ALL ASSOCIATED FRAMING
- PROTECT BRICK FROM DAMAGE, TYP.
- REMOVE FLOORING PER KEYNOTE D2

CLASSROOM 212

22b

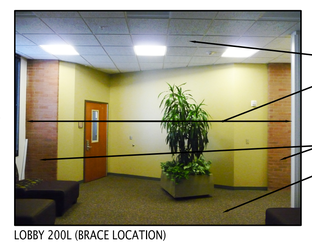
##
KEY NOTE,
SEE SHEET G003

23

LOBBY 200L (BRACE LOCATION)

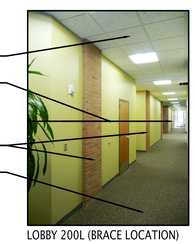
- REMOVE CEILING ELEMENTS PER KEYNOTE D3
- REMOVE FURRED WALL AND ANY M.E.P. ELEMENTS PER KEYNOTE D1
- REMOVE ALL WINDOW CASING TO FACILITATE REMOVAL OF WALL TYP. 1
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE FLOORING PER KEYNOTE D2

24



LOBBY 200L (BRACE LOCATION)

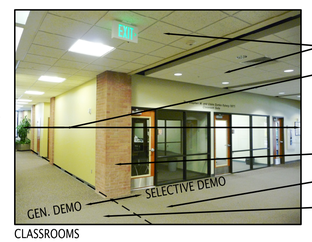
- REMOVE CEILING ELEMENTS PER KEYNOTE D3
- NO DEMO WORK ON WALLS ALONG GRID LINE 2 UNLESS SPECIFICALLY NOTED. PROTECT FROM DAMAGE DURING DEMOLITION.
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- REMOVE FLOORING PER KEYNOTE D2



LOBBY 200L (BRACE LOCATION)

24b

25



CLASSROOMS

- REMOVE CEILING ELEMENTS PER KEYNOTE D3
- NO DEMO WORK ON WALLS UNLESS SPECIFICALLY NOTED. PROTECT FROM DAMAGE DURING DEMOLITION.
- PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.
- FLOORING TO REMAIN
- REMOVE FLOORING PER KEYNOTE D2

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 2 DEMO PICS

AD102C

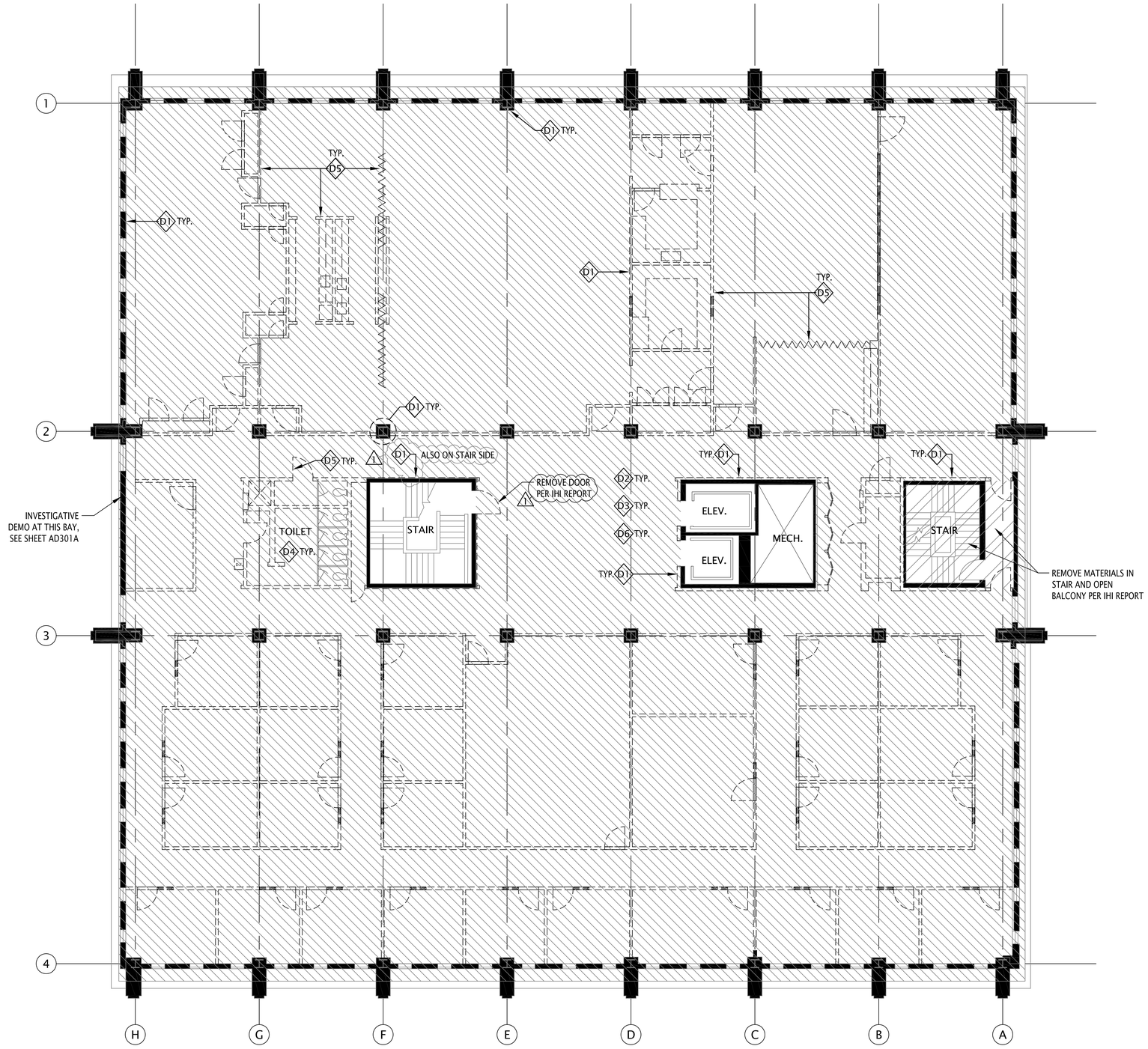
GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1



Level 3 Demolition Plan

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

1 / AD103A

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 3 DEMO PLAN

AD103A

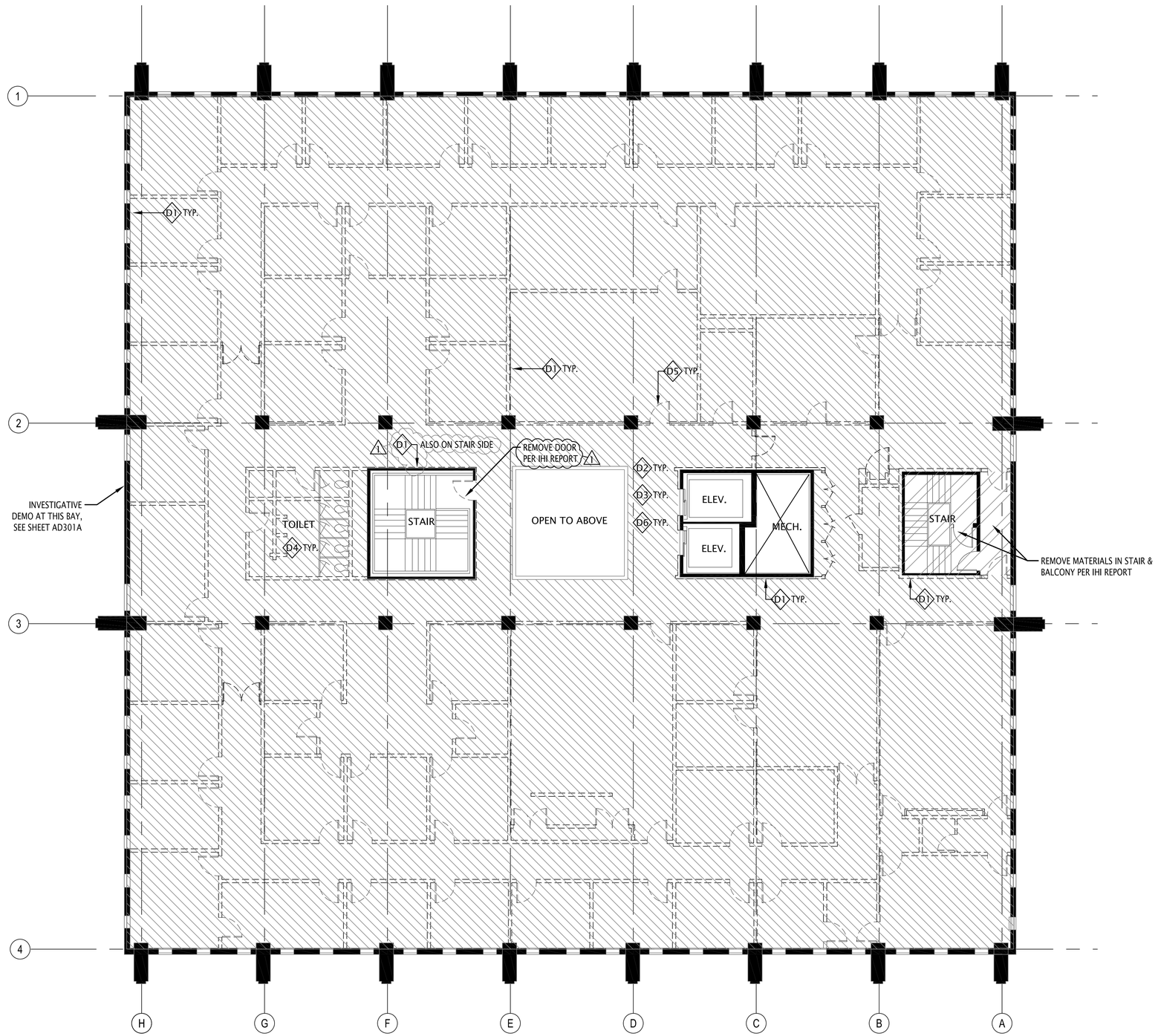
GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1



Level 4 Demolition Plan (1 / AD104A)
SCALE: 1/8" = 1'-0"

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 4 DEMO PLAN

AD104A

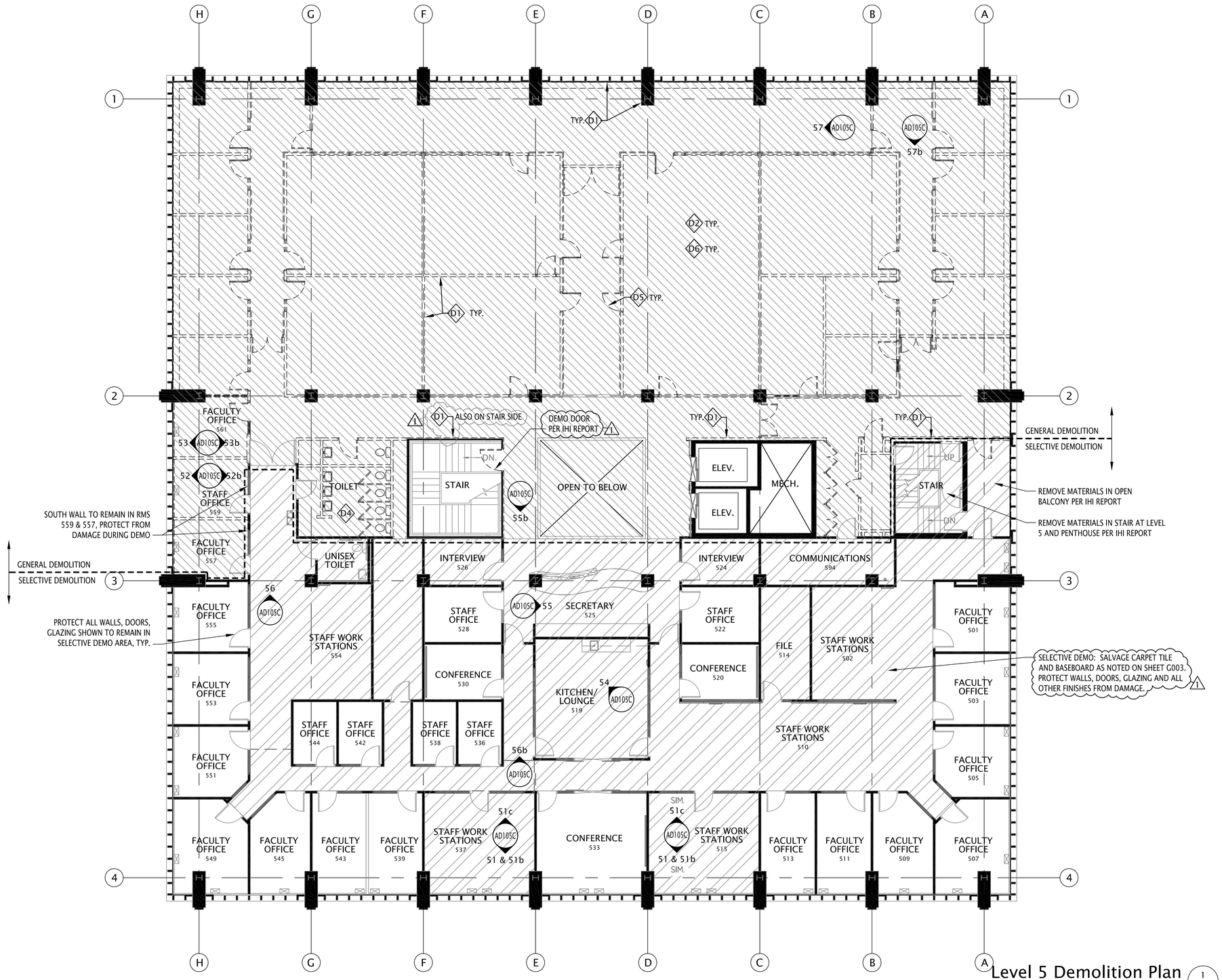
GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1



Level 5 Demolition Plan

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

1 / AD105A

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

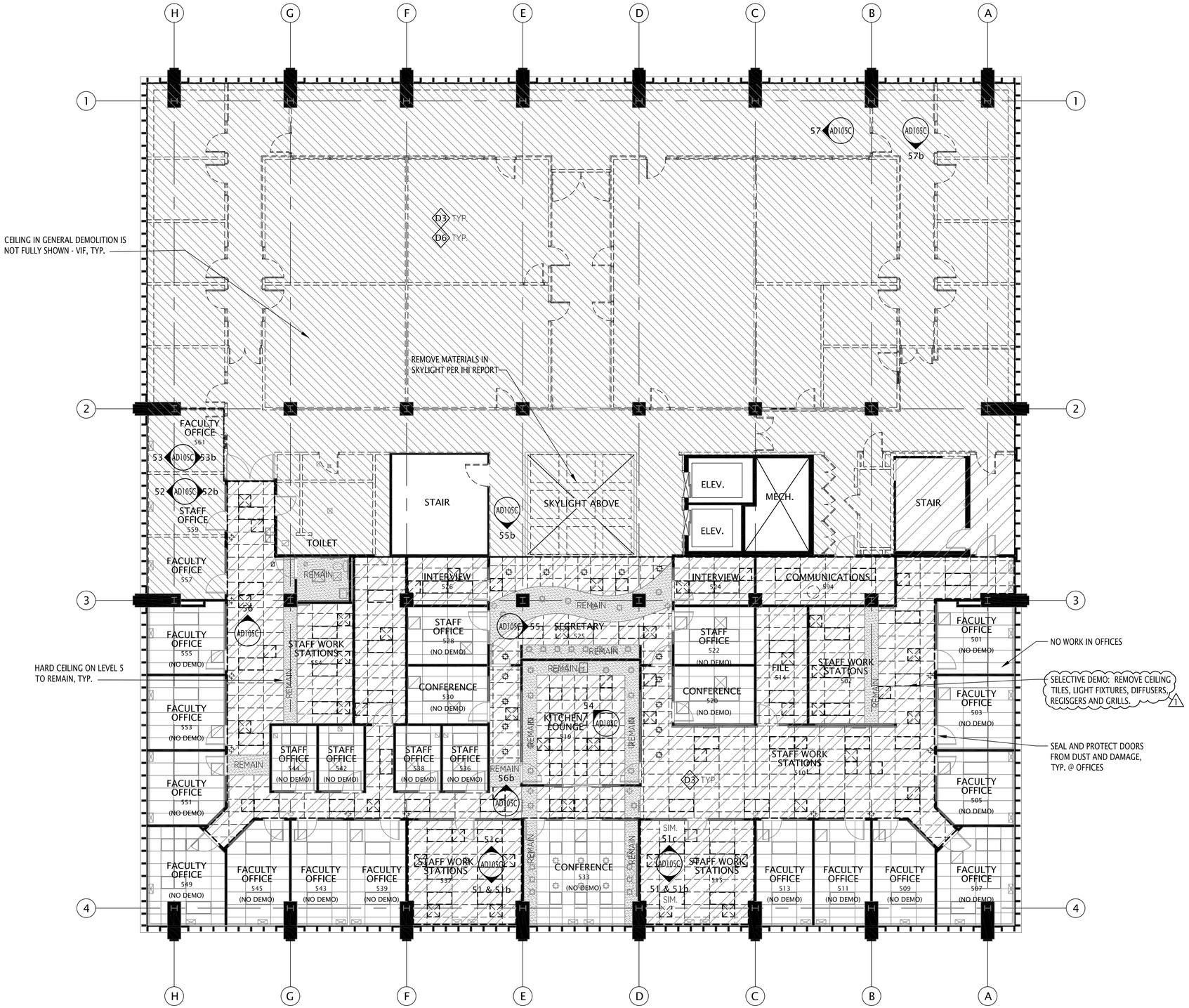
DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 5 DEMO PLAN

AD105A

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1



Level 5 Demolition RCP

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

1 / AD105B

LEGEND:

- WALLS AND COLUMNS TO REMAIN
- SELECTIVE DEMO
- GENERAL DEMO (SEE SHEET G003 FOR KEYNOTES) ##

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 5 DEMOLITION REFLECTED CEILING PLAN

AD105B

55

SECRETARY - RM 525

REMOVE CEILING ELEMENTS (EXCEPT HARD CEILINGS) PER KEYNOTE D3 TO ALLOW ACCESS FOR MEP DEMO WORK

ALL HARD CEILINGS ON LEVEL 5 TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION, TYP.

PROTECT ALL WALLS & MASONRY FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5

PROTECT CASEWORK FROM DAMAGE DURING DEMO. SALVAGE EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003 1

SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE, TYP. ON LEVEL 5

PROTECT VCT FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5

SECRETARY - RM 525

55b

56

TYP LEVEL 5 CORRIDOR - SELECTIVE DEMOLITION AREA

REMOVE CEILING ELEMENTS (EXCEPT HARD CEILINGS) PER KEYNOTE D3 TO ALLOW ACCESS FOR MEP DEMO WORK

ALL HARD CEILINGS ON LEVEL 5 TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION, TYP.

PROTECT ALL WALLS FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5

1

SALVAGE CARPET TILE (WHILE TILE ONLY) FOR REUSE, TYP. ON LEVEL 5

TYP LEVEL 5 CORRIDOR - SELECTIVE DEMOLITION AREA

56b

57

TYP LEVEL 5 CORRIDOR - GENERAL DEMOLITION AREA

REMOVE CEILING ELEMENTS PER KEYNOTE D3

REMOVE WALLS PER KEYNOTE D1

PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.

REMOVE ALL WINDOW CASING TO FACILITATE REMOVAL OF WALL - TYP. 1

REMOVE RADIATOR COVERS

SALVAGE WOOD BASE FOR REUSE, TYP. ON LEVEL 5

SALVAGE CARPET TILE (WHOLE TILE ONLY) FOR REUSE, TYP. ON LEVEL 5

TYP LEVEL 5 CORRIDOR - GENERAL DEMOLITION AREA

57b

51

STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

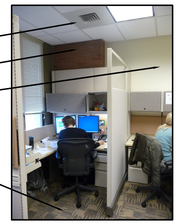
REMOVE CEILING ELEMENTS PER KEYNOTE D3

PROTECT MASONRY FROM DAMAGE DURING DEMO, TYP.

PROTECT NORTH & SOUTH WALLS FROM DAMAGE DURING DEMOLITION

1

SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE



STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

51b

51c

STAFF WORK STATIONS - RM 537 (BRACE LOCATION)

REMOVE CEILING ELEMENTS PER KEYNOTE D3

PROTECT ALL EAST WALL ELEMENTS FROM DAMAGE DURING DEMOLITION

1

SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE, TYP. ON LEVEL 5

52

STAFF OFFICE - RM 559 (BRACE LOCATION)

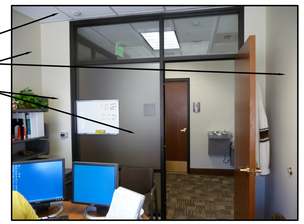
REMOVE CEILING ELEMENTS PER KEYNOTE D3

REMOVE EAST & WEST WALLS PER KEYNOTE D1

PROTECT ALL SOUTH WALL ELEMENTS FROM DAMAGE DURING DEMOLITION

1

SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE (NOT SEEN IN PHOTOS)



STAFF OFFICE - RM 559 (BRACE LOCATION)

52b

53

STAFF OFFICE - RM 561 (BRACE LOCATION)

REMOVE CEILING ELEMENTS PER KEYNOTE D3

REMOVE EAST & WEST WALL PER KEYNOTE D1

1

PROTECT ALL MASONRY FROM DAMAGE DURING DEMOLITION, TYP.

1

SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE (NOT SEEN IN PHOTOS)

STAFF OFFICE - RM 561 (BRACE LOCATION)

53b

54

KITCHEN / LOUNGE - RM 519

REMOVE CEILING ELEMENTS (EXCEPT HARD CEILINGS) PER KEYNOTE D3 TO ALLOW ACCESS FOR MEP DEMO WORK

ALL HARD CEILINGS ON LEVEL 5 TO REMAIN, PROTECT FROM DAMAGE DURING DEMOLITION, TYP.

PROTECT ALL WALLS FROM DAMAGE DURING DEMOLITION, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5

PROTECT CASEWORK FROM DAMAGE DURING DEMO. SALVAGE EQUIPMENT PER GENERAL DEMOLITION NOTES ON SHEET G003 1

PROTECT VCT FROM DAMAGE DURING DEMO, TYP. AT ALL SELECTIVE DEMO AREAS ON LEVEL 5

SALVAGE CARPET TILE (WHOLE TILES ONLY) FOR REUSE, TYP. ON LEVEL 5

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM 1

KEY NOTE, SEE SHEET G003

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM

4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

LEVEL 5 DEMO PICS

AD105C

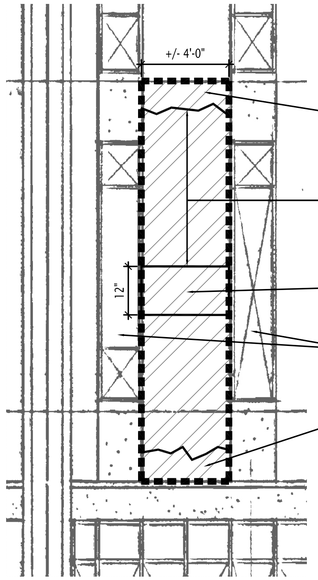
GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

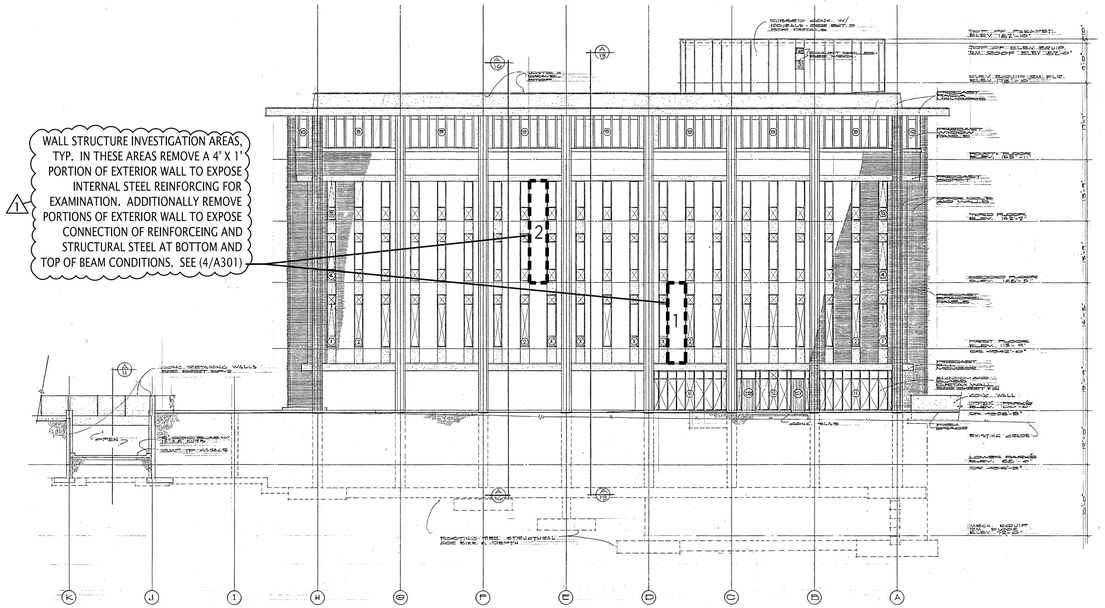
1	11.25.08	ADDENDUM 1



NOTE:
CONTRACTOR TO NOTIFY ARCHITECT PRIOR TO INVESTIGATIVE DEMOLITION WORK. ARCHITECT, STRUCTURAL ENGINEER AND OWNER TO OBSERVE INVESTIGATIVE DEMOLITION

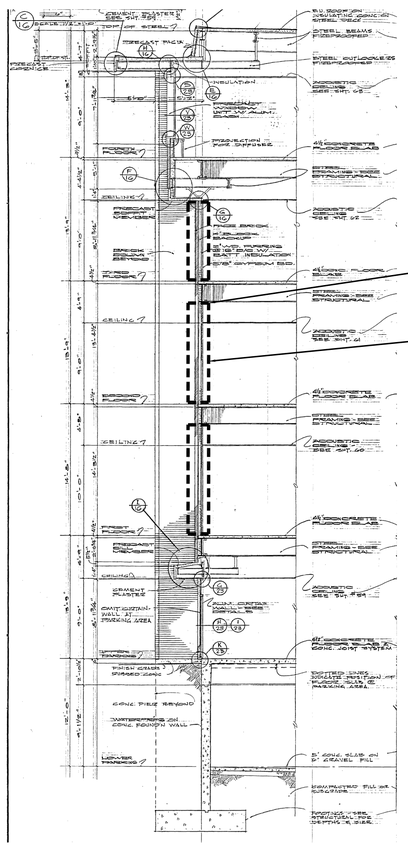
SEQUENCE OF INVESTIGATIVE DEMOLITION (4 / A301)

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



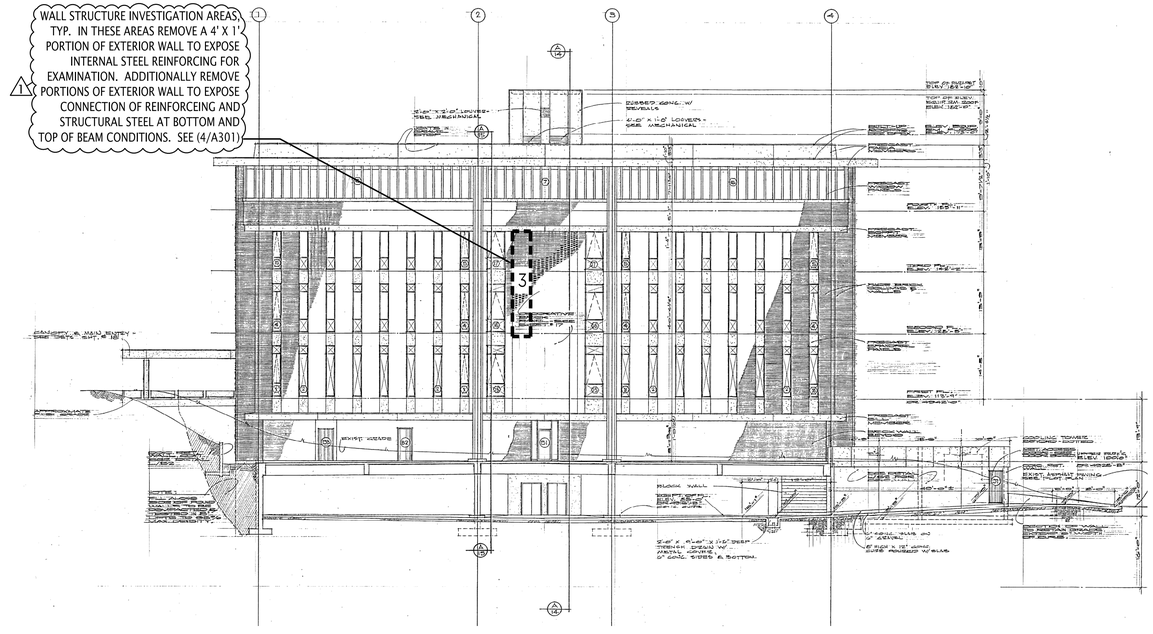
West Elevation (2 / A301)

SCALE: 1/16" = 1'-0"



Existing Wall Section (3 / A301)

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



North Elevation (1 / A301)

SCALE: 1/16" = 1'-0"

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM

4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	10.29.08

ELEVATIONS, SECTION & DETAIL

AD301A

LEGEND OF MECHANICAL SYMBOLS AND ABBREVIATIONS

MECHANICAL

- POSITIVE PRESSURE DUCT – RISE
- POSITIVE PRESSURE DUCT – DROP
- NEGATIVE PRESSURE DUCT – RISE
- NEGATIVE PRESSURE DUCT – DROP
- ROUND DUCT – RISE
- ROUND DUCT – DROP
- UNDER FLOOR DUCT
- TURNING VANES
- FRESH AIR LOUVER
- RELIEF AIR OR EXHAUST AIR LOUVER
- 12X12 / 200 — CEILING SUPPLY DIFFUSER
- 22X22 / 200 — CEILING RETURN REGISTER
- 12X12 / 200 — CEILING EXHAUST REGISTER, (BALANCE TO MATCH SUPPLY IF RETURN CFM IS NOT SHOWN)
- 24X10 / 200 — SIDEWALL SUPPLY REGISTER
- 24X10 / 200 — SIDEWALL EXHAUST OR RETURN REGISTER
- 12X12 / 200 — CEILING SUPPLY DIFFUSER WITH FLEXIBLE DUCT
- 12X12 / 200 — CEILING AIR GRILLE WITH FLEXIBLE DUCT

  (TOP FIGURES INDICATE NECK SIZE. BOTTOM FIGURE INDICATES CFM.)
- CEILING RETURN AIR GRILE W/ SOUND BOOT
- 3-1" SLOTS / 48" 400 — LINEAR DIFFUSER WITH PLENUM AND FLEXIBLE DUCT CONNECTION. NO. OF SLOTS & SIZE OF SLOT ON TOP, ACTIVE LENGTH AND CFM ON BOTTOM
- FLEXIBLE DUCT CONNECTION
- FLEXIBLE DUCT
- FAN
- 12/8 FO — FLAT OVAL DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
- 12/8 — RECTANGULAR DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
- 12ø — ROUND DUCT WITH NET INSIDE DIMENSIONS SHOWN IN INCHES.
- UP — INCLINED RISE
- DN — INCLINED DROP

  (WITH RESPECT TO AIR FLOW 15° NOMINAL INCLINE WITH RADIUS TURNS=DEPTH OF DUCT.)
- W R — R/W=1. ROUND DUCT SIMILAR TO RECTANGULAR
- 12/12 8/8 — RECTANGULAR TO RECTANGULAR OR ROUND TO ROUND DUCT TRANSFORMATION MAXIMUM 15° INCLUDED ANGLE EXCEPT WHERE SHOWN OTHERWISE.
- 12/12 12ø — RECTANGULAR TO ROUND DUCT TRANSFORMATION
- R B — BRANCH DUCT SPLIT WITH 6" WIDTH AND MIN. R=WIDTH OF BRANCH DUCT DOWNSTREAM. ELBOW TURNING VANE OPTIONAL.
- 1.50 1.50 45° DB DB — TAP ENTRY AREA EQUALS 150% OF BRANCH AREA
- 12ø 12/12 — HIGH EFFICIENCY FITTING
- MANUAL VOLUME DAMPER
- FD — FIRE DAMPER IN DUCT, W/ ACCESS PANEL REQD.
- FSD — COMBINATION FIRE/SMOKE DAMPER W/ ACCESS PANEL
- SD — SMOKE DAMPER W/ ACCESS PANEL
- BDD — BACK DRAFT DAMPER
- ATC OR — ATC DAMPER
- AD — ACCESS PANEL IN DUCT OR PLENUM
- HEATING OR COOLING COIL IN DUCT
- SINGLE DUCT AIR TERMINAL BOX VARIABLE OR CONSTANT VOLUME. MIN. 1-1/2 TERMINAL INLET SIZE STRAIGHT DUCT AT TERMINAL INLET.
- 4-WAY BLOW PATTERN
- 3-WAY BLOW PATTERN
- 2-WAY BLOW PATTERN
- 2-WAY BLOW PATTERN
- 1-WAY BLOW PATTERN
- SD — DUCT SMOKE DETECTOR
- UNIT HEATER

PLUMBING

- FLOOR SINK
- FLOOR DRAIN
- FCO / COTG — FLOOR CLEAN-OUT OR CLEAN-OUT TO GRADE
- ROOF DRAIN
- DOWNSPOUT NOZZLE
- ARROW INDICATES DIRECTION OF FLOW IN PIPE
- CHECK VALVE
- PRESSURE REDUCING, EXTERNAL PRESSURE VALVE
- PRESSURE REDUCING, SELF CONTAINED VALVE
- ATC VALVE – 2 WAY
- ATC VALVE – 3 WAY
- SOLENOID VALVE
- GATE VALVE
- GATE VALVE – NON RISING STEM
- GLOBE VALVE
- TEMPERATURE AND PRESSURE TEST PORT
- PS — PRESSURE SWITCH
- GAS COCK
- 8.8 GPM — CALIBRATED BALANCING VALVE WITH GPM INDICATED
- RPBP — REDUCED PRESSURE BACKFLOW PREVENTOR W/ DRAIN PAN
- BRANCH – BOTTOM CONNECTION
- BRANCH – TOP CONNECTION
- BRANCH – SIDE CONNECTION
- RISE OR DROP
- RISER – DOWN (ELBOW)
- RISER – DOWN (ELBOW)
- VTR — VENT THRU ROOF
- WATER HAMMER ARRESTOR
- INLINE PUMP
- INLINE PUMP
- CLEAN-OUT
- RELIEF VALVE
- ANGLE VALVE
- FLOW METER
- UNION
- BALANCING COCK
- SHUT-OFF COCK FOR USE WITH PRESSURE GAUGE
- FLEXIBLE EXPANSION JOINT
- THERMOMETER – TEMP RANGE AS INDICATED
- PRESSURE GAUGE WITH SHUT-OFF COCK
- PRESSURE GAUGE WITH PIGTAIL
- LATERAL STRAINER WITH BLOW-OFF VALVE, PROVIDE HOSE END WITH CAP WHERE DISCHARGE IS NOT PIPED TO DRAIN
- BALL VALVE (PIPE SIZES 2" AND SMALLER) BUTTERFLY VALVE (PIPE SIZES 2-1/2" AND LARGER)
- MOTOR OPERATED BUTTERFLY VALVE
- VALVE IN RISE
- AIR VENT-MANUAL
- AIR VENT-AUTO
- FLOW SWITCH
- REDUCER
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER

PLUMBING CONT.

- THERMOSTATIC MIXING VALVE
- HOSE BIBB
- PIPE CAP
- SWITCH
- SENSOR
- THERMOSTAT
- N — NIGHT THERMOSTAT
- FILL PORT
- DRAIN PAN AND P-TRAP
- (NAME) — FIXTURE FROM LEVEL ABOVE
- GPM LB/HR. — FLOW METER ORIFICE
- FLANGE
- 90° ELBOW
- STEAM TRAP, F&T=FLOAT & THERMOSTATIC 45° ELBOW
- F&T — B=BUCKET, T=THERMOSTATIC
- DN — LEADER INDICATES DOWNWARD SLOPE
- DEMOLITION
- ALIGNMENT GUIDE
- ANCHOR
- LUBRICATED PLUG COCK

SYMBOLS

- P-1 — PLUMBING FIXTURES
- POINT OF CONNECTION
- A / M-101 — SECTION TAG – TOP FIGURE IS SECTION NO. BOTTOM FIGURE IS SHEET NO.
- A / M101 — DETAIL TAG – TOP FIGURE IS DETAIL NO. BOTTOM FIGURE IS SHEET NO.
- EF / 1 — EQUIPMENT IDENTIFICATION
- 1 — KEYED NOTE IDENTIFICATION

FIRE

- HOSE VALVE
- NRS GATE VALVE WITH SUPERVISION
- FLOW SWITCH
- FIRE RISER
- SPRINKLER HEAD
- F — FIRE SPRINKLER WATER

LINETYPES

- AV — ACID VENT
- AW — ACID WASTE
- BBD — BOILER BLOW DOWN
- BF — BOILER FEED WATER
- B — BRINE
- CO2 — CARBON DIOXIDE
- CA — COMPRESSED AIR
- CF — CHEMICAL FEED
- CHWS — CHILLED WATER SUPPLY
- CHWR — CHILLED WATER RETURN
- CS — CONDENSER WATER SUPPLY
- CR — CONDENSER WATER RETURN
- DOMESTIC COLD WATER (DCW)
- DOMESTIC HOT WATER (DHW)
- DOMESTIC HOT WATER RETURN (DHWR)
- DI — DEIONIZED WATER SUPPLY
- DIR — DEIONIZED WATER RETURN
- E(NAME) — EXISTING PIPING
- (NAME) — EXISTING PIPING TO BE REMOVED
- GHR — GLYCOL HEAT RECOVERY PIPING
- G(NAME) — GLYCOL PIPING SOLUTION
- FOR — FUEL OIL RETURN
- FOS — FUEL OIL SUPPLY
- FOV — FUEL OIL VENT
- C — NATURAL GAS
- HG — HOT GAS
- HFR — HELICOPTER FUEL RETURN
- HFS — HELICOPTER FUEL SUPPLY
- HP(NAME) — HIGH PRESSURE DOMESTIC WATER
- HPC — HIGH PRESSURE CONDENSATE
- HPS — HIGH PRESSURE STEAM
- HWR — HEATING HOT WATER RETURN
- HWS — HEATING HOT WATER SUPPLY
- IA — INSTRUMENT AIR
- IA 120 — INSTRUMENT AIR AT PRESSURE INDICATED
- LA — LAB AIR
- LV — LAB VACUUM
- LPC — LOW PRESSURE CONDENSATE
- LPG — LIQUIFIED PETROLEUM GAS
- LPS — LOW PRESSURE STEAM
- MA — MEDICAL AIR
- MA 120 — MEDICAL AIR AT PRESSURE INDICATED
- MPC — MEDIUM PRESSURE CONDENSATE
- MPS — MEDIUM PRESSURE STEAM
- MUW — MAKE UP WATER
- MV — MEDICAL VACUUM
- N — NITROGEN
- N2O — NITROUS OXIDE
- OX — MEDICAL OXYGEN
- OX 120 — MEDICAL OXYGEN AT PRESSURE INDICATED
- PUMPED CONDENSATE

LINETYPES CONT.

- RO — REVERSE OSMOSIS WATER SUPPLY
- ROR — REVERSE OSMOSIS WATER RETURN
- RD — ROOF DRAIN
- RDO — ROOF DRAIN OVERFLOW
- RL — REFRIGERANT LIQUID
- RS — REFRIGERANT SUCTION
- SEWER (BELOW GRADE)
- SEWER (ABOVE GRADE)
- SW — SOFT DOMESTIC WATER (SW)
- V — VACUUM
- VENT (SEWER)

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS

Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F

VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

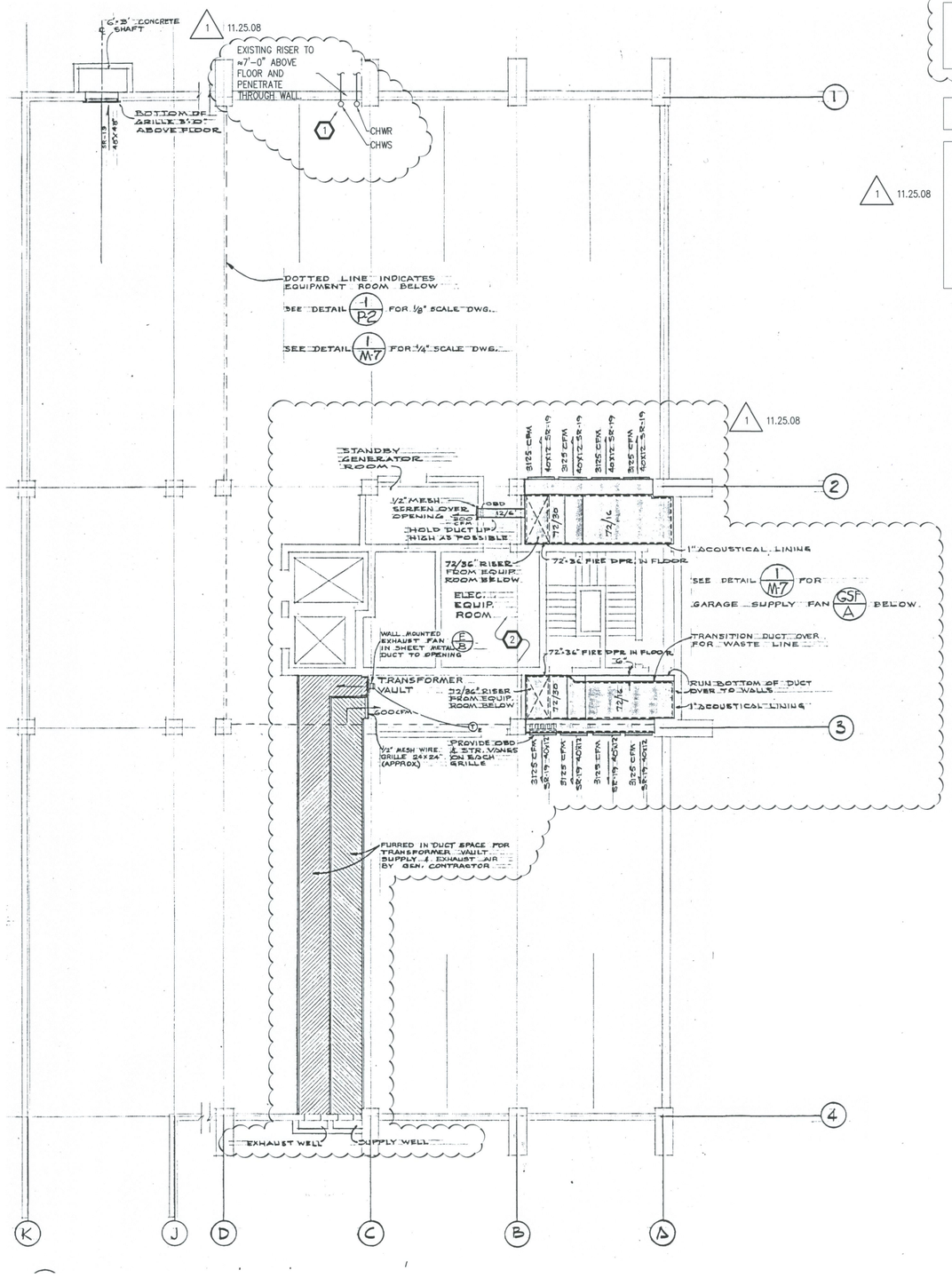
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

MECHANICAL SYMBOLS AND ABBREVIATIONS

M001

N:\08\08300\08384 UofU College of Nursing\01_Cadd_Mechanical\Demolition\8384_M001.dwg, 11/21/2008 3:06:18 PM, Doug



1 MK101 BASEMENT AIR CONDITIONING PLAN

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

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GENERAL NOTES

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1. PIPING TO REMAIN.
2. EXISTING DUCTWORK AND PIPING IN THIS AREA TO REMAIN.

1	11.25.08	ADDENDUM #1

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
CONSULTING ENGINEERS
WWW.VBFA.COM
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East
Salt Lake City, UT 84111
801.530.3148 T
801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

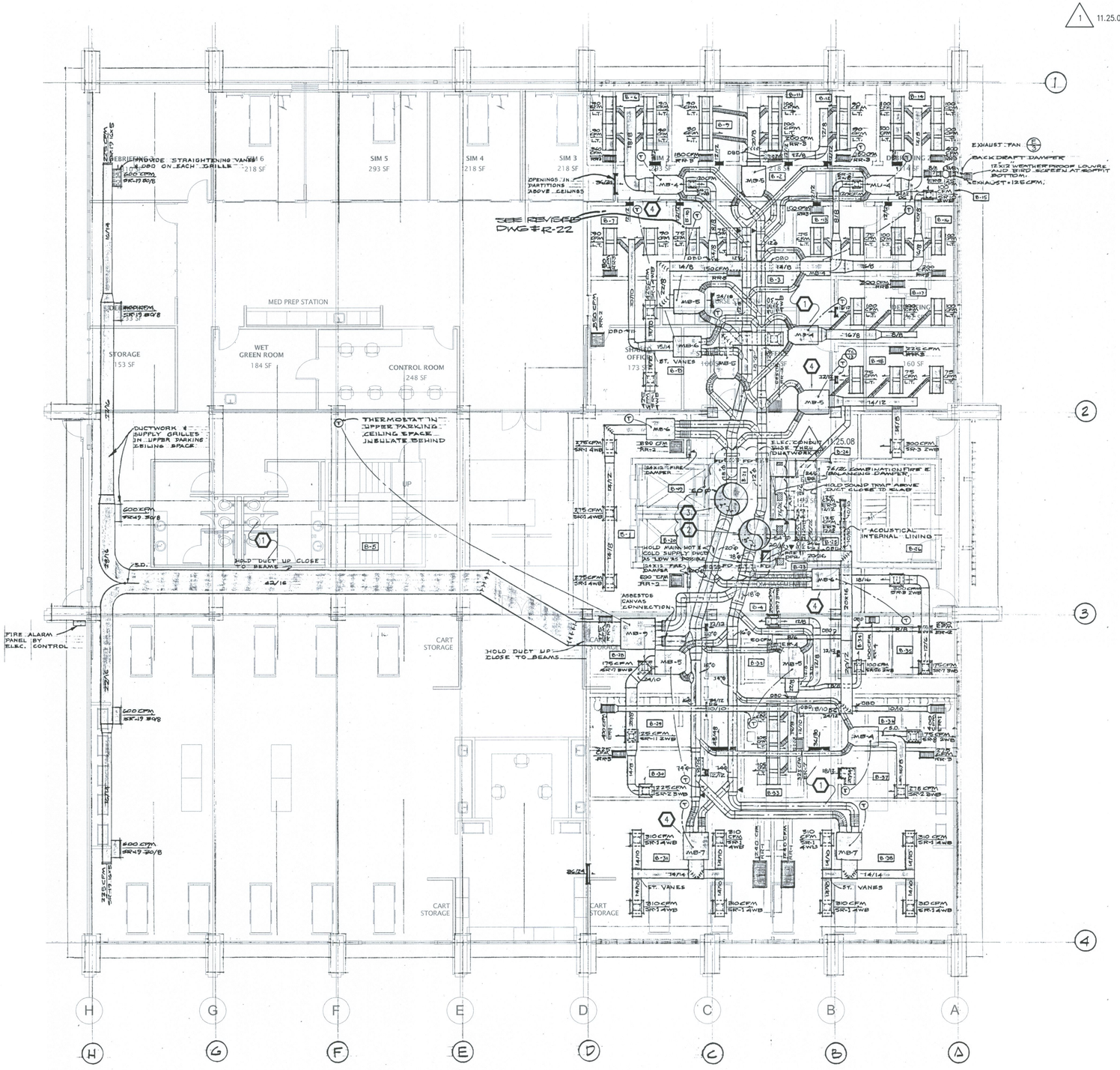
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

BASEMENT HEATING AIR CONDITIONING PLAN

MK101

R:\08\08330\08384 Uofu College of Nursing\01_Cadd_Mechanical\Demolition\8384_MK101.dwg, 11/21/2008 3:07:58 PM, Doug



1 MK102 FIRST FLOOR AIR CONDITIONING PLAN

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

0' 8' 16'

GENERAL NOTES

A. AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
2. EXISTING HOT DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
3. EXISTING COLD DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
4. REMOVE OVAL DUCT VAV BOX, TYPICAL.

1 11.25.08

1 11.25.08

1	11.25.08	ADDENDUM #1

GSBS ARCHITECTS

376 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM
CONSULTING ENGINEERS

Salt Lake City · Logan · St. George · Tempe · Pocatello

330 South 300 East
Salt Lake City, UT 84111

801.530.3148 T
801.530.3150 F

VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

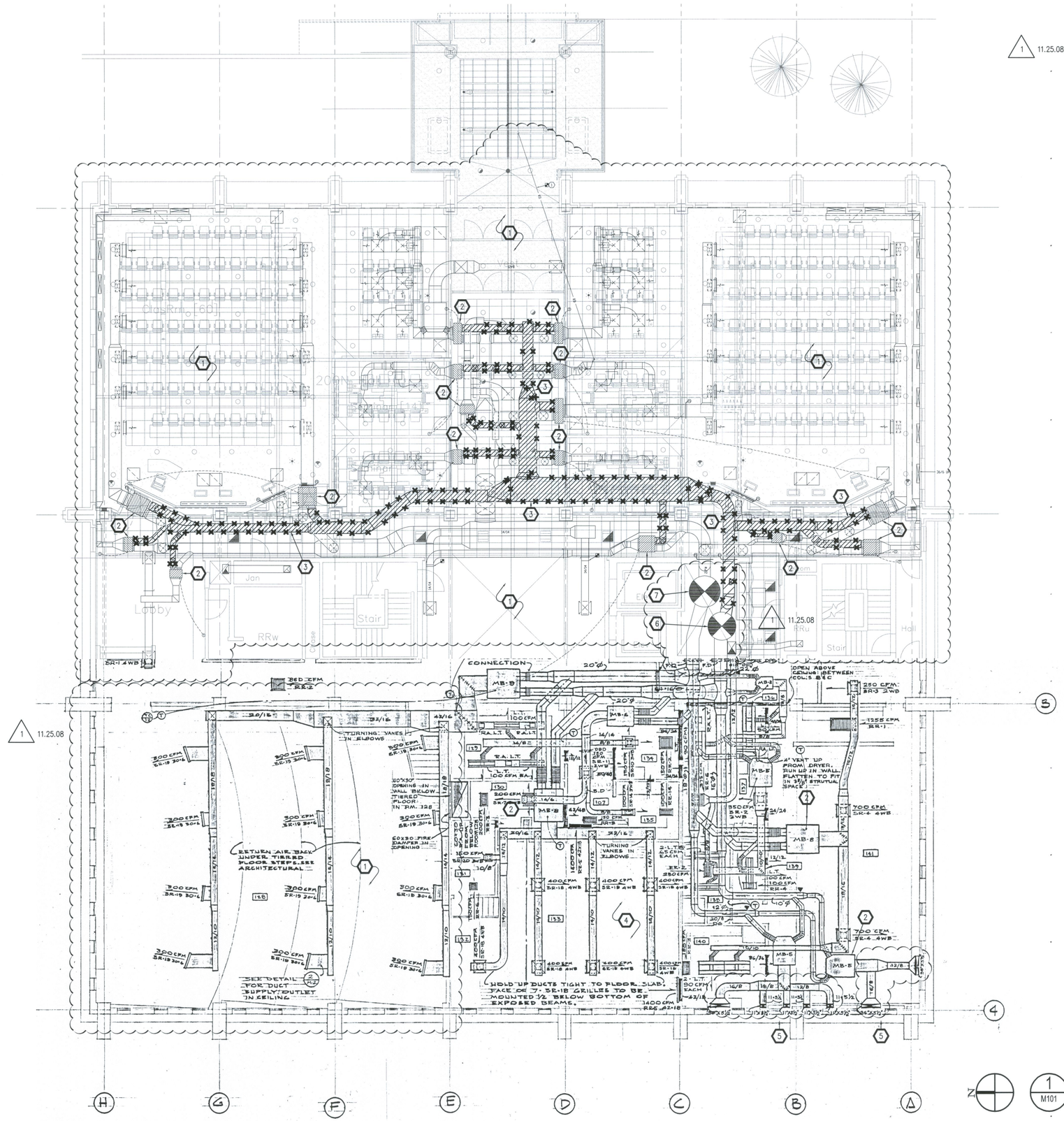
FIRST FLOOR HEATING AIR CONDITIONING PLAN

HALF FULL SCALE

2" 1" 0 1" 2" 4"

MK102

N:\08\08300\08384 UofU College of Nursing\01_Cadd_Mechanical\Demolition\8384_MK102.dwg, 11/21/2008 3:07:14 PM, Doug



GENERAL NOTES

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1. ALL DUCTWORK, DIFFUSERS, REGISTERS AND GRILLES TO REMAIN IN THIS AREA EXCEPT AS NOTED.
2. REMOVE DUAL DUCT VAV BOXES.
3. DEMOLISH AND REMOVE HOT DECK DUCTWORK.
4. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL DUAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
5. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.
6. EXISTING HOT DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
7. EXISTING COLD DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.

1 11.25.08

1 M101 HALF FULL SCALE
SECOND FLOOR MECHANICAL
SCALE: 1/8" = 1'-0"

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

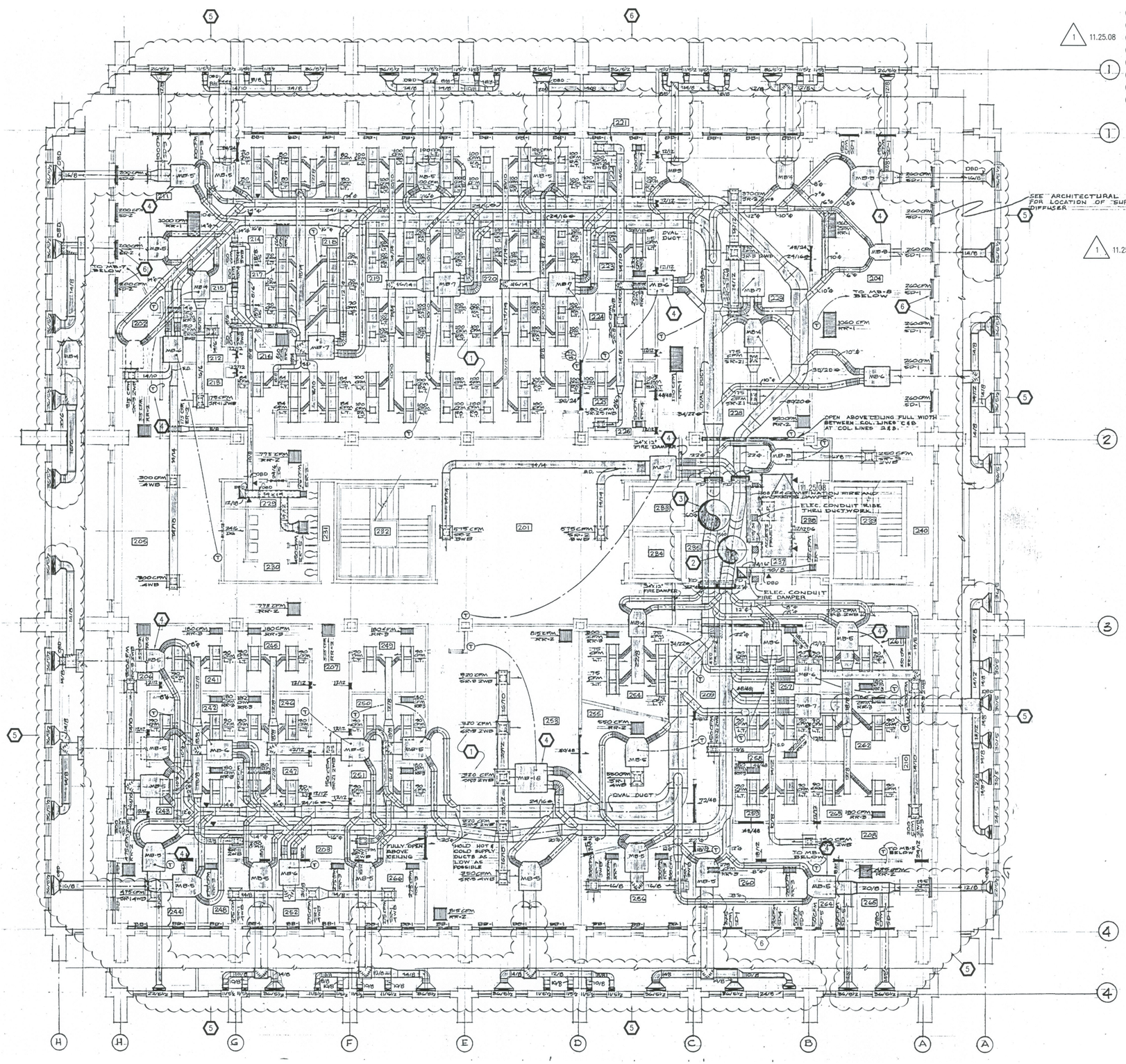
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

SECOND FLOOR HEATING & AIR CONDITIONING PLAN

M101

N:\08\08300\08384 UofU College of Nursing\01_Cadd_Mechanical\Demolition\8384_M0101.dwg, 11/21/2008 3:07:27 PM, Doug



1 THIRD FLOOR MECHANICAL PLAN
M102
SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GENERAL NOTES

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
2. EXISTING HOT DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
3. EXISTING COLD DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
6. REMOVE OVAL DUCT VAV BOX, TYPICAL.
7. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.
8. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.

1	11.25.08	ADDENDUM #1

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

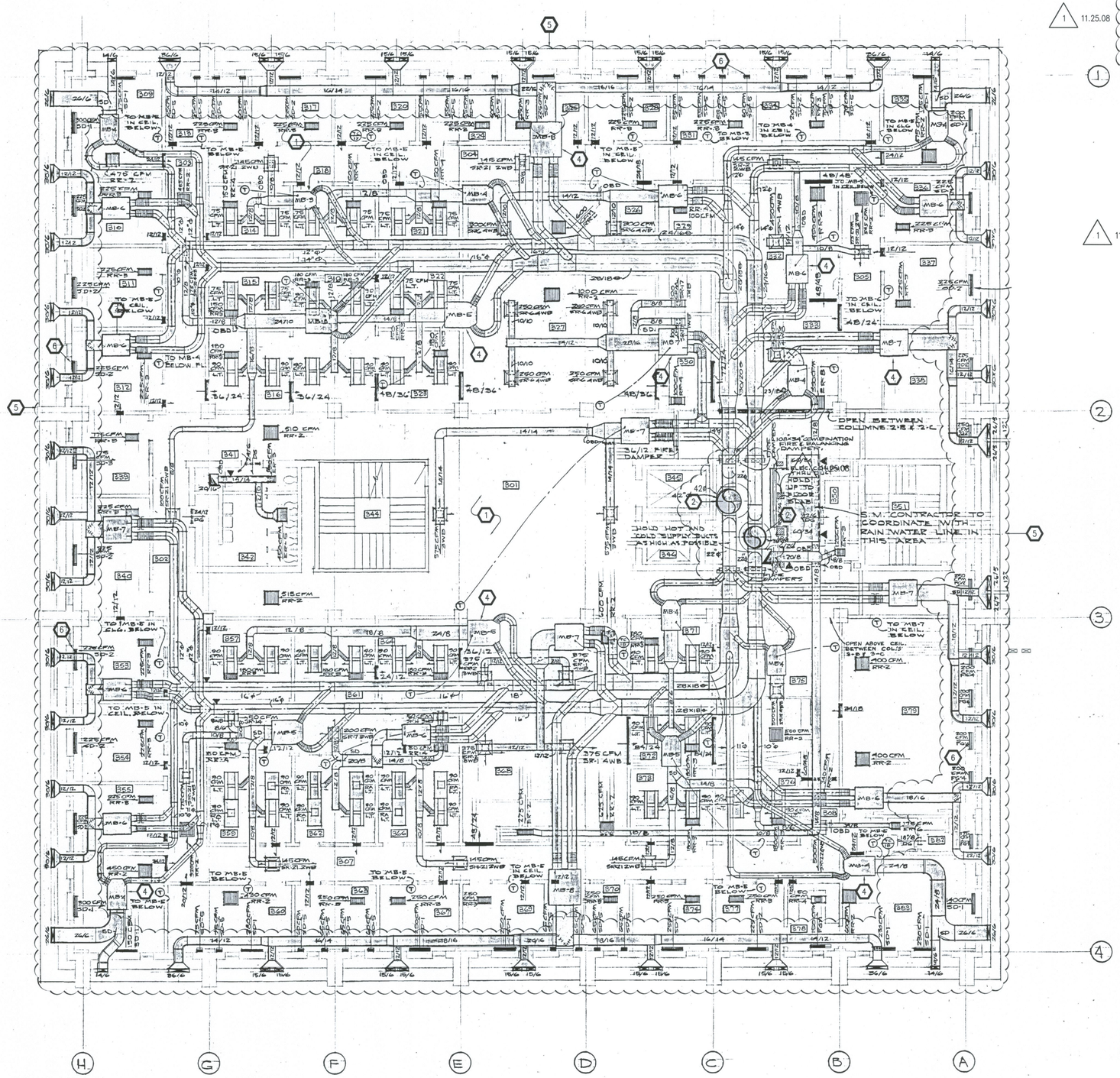
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

THIRD FLOOR HEATING & AIR CONDITIONING PLAN

M102

N:\08\08300\08384 UofU College of Nursing\01_Cad\1_Mechanical\Demolition\8384_M0102.dwg, 11/21/2008 3:07:34 PM, Doug



1 M103 FOURTH FLOOR MECHANICAL PLAN

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

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GENERAL NOTES

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

1 11.25.08

KEYED NOTES

1. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
2. EXISTING HOT DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
3. EXISTING COLD DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN. 1 11.25.08
6. REMOVE OVAL DUCT VAV BOX, TYPICAL.
7. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.
8. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

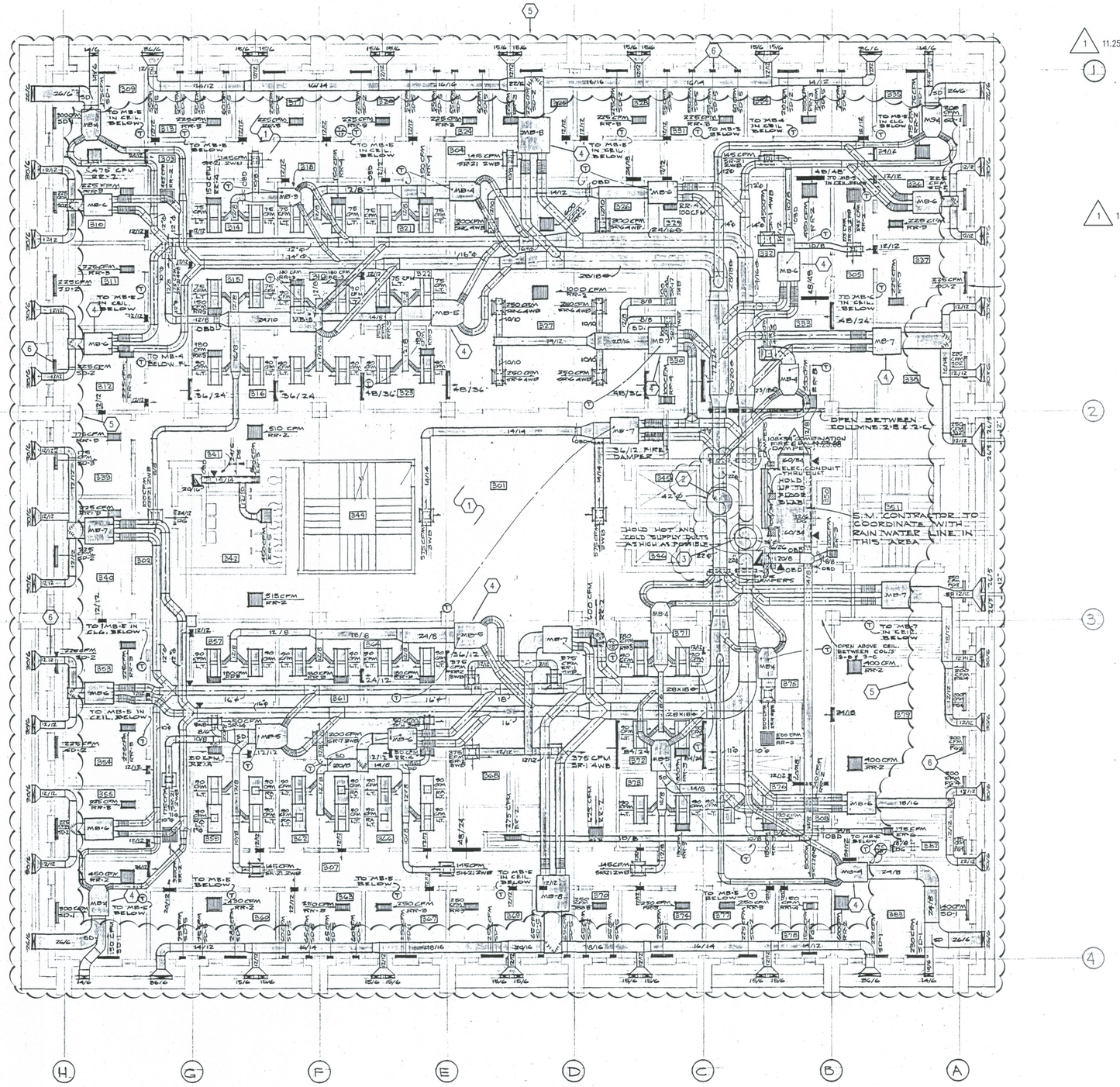
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

FOURTH FLOOR HEATING & AIR CONDITIONING PLAN

M103

N:\08\08300\08384 UofU College of Nursing\01_Cadd_Mechanical\Demolition\8384_M0103.dwg, 11/21/2008 3:07:40 PM, Doug



GENERAL NOTES

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING.
2. EXISTING HOT DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
3. EXISTING COLD DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN..
4. REMOVE DUAL DUCT VAV BOX, TYPICAL.
5. DUCTWORK SERVING FLOOR ABOVE TO REMAIN.
6. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.

1 11.25.08

1 11.25.08

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS

Salt Lake City · Logan · St. George · Tempe · Pocatello

330 South 300 East
Salt Lake City, UT 84111

801.530.3148 T
801.530.3150 F

VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

FOURTH FLOOR HEATING & AIR CONDITIONING PLAN

M104

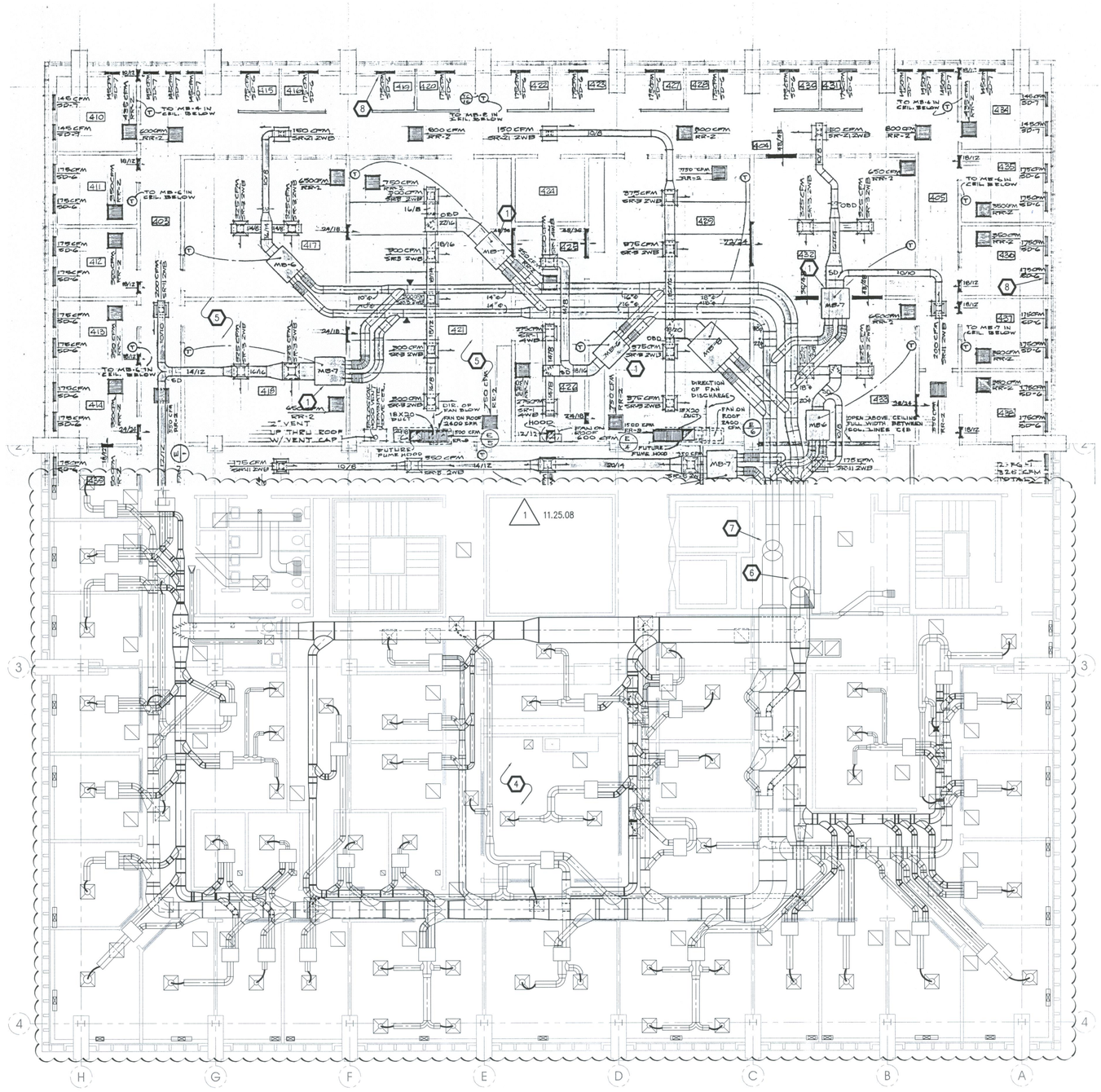
1 / M104 FOURTH FLOOR MECHANICAL PLAN
SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

N:\08\08300\08384 Uofu College of Nursing\01_Cadd_Mechanical\Demolition\8384_MD104.dwg, 11/21/2008 3:07:46 PM, Doug



1 M105 FIFTH FLOOR MECHANICAL PLAN
SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GENERAL NOTES

1 11.25.08

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES

1

1. REMOVE DUAL DUCT VAV BOX, TYPICAL.
2. NOT USED.
3. NOT USED.
4. ALL DUCTWORK IN THIS AREA TO REMAIN.
5. DEMOLISH AND REMOVE ALL EXISTING DUCTWORK, HOT DECK AND COLD DECK, MEDIUM PRESSURE, LOW PRESSURE, ALL GRILLES, REGISTERS, AND DIFFUSERS, ALL OVAL DUCT VAV BOXES, PNEUMATIC CONTROL LINES, THERMOSTATS AND WIRING. (1 11.25.08)
6. EXISTING HOT DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
7. EXISTING COLD DECK DUCTWORK RISER IN CHASE TO REMAIN. DUCTWORK STUB INTO CORRIDOR TO REMAIN. CAP DUCTWORK AS SHOWN.
8. ALL FLOOR MOUNTED GRILLES TO REMAIN, TYPICAL.

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City • Logan • St. George • Tempe • Pocatello
330 South 300 East
Salt Lake City, UT 84111
801.530.3148 T
801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

FIFTH FLOOR HEATING & AIR CONDITIONING PLAN

M105

K:\08\08330\08384 Uofu College of Nursing\01_Cadd_Mechanical\Demolition\8384_MD105.dwg, 11/21/2008 3:07:53 PM, Doug

GENERAL NOTES

A. MECHANICAL IN AREAS SHOWN INSIDE CLOUDED AREAS TO REMAIN UNLESS OTHERWISE NOTED.

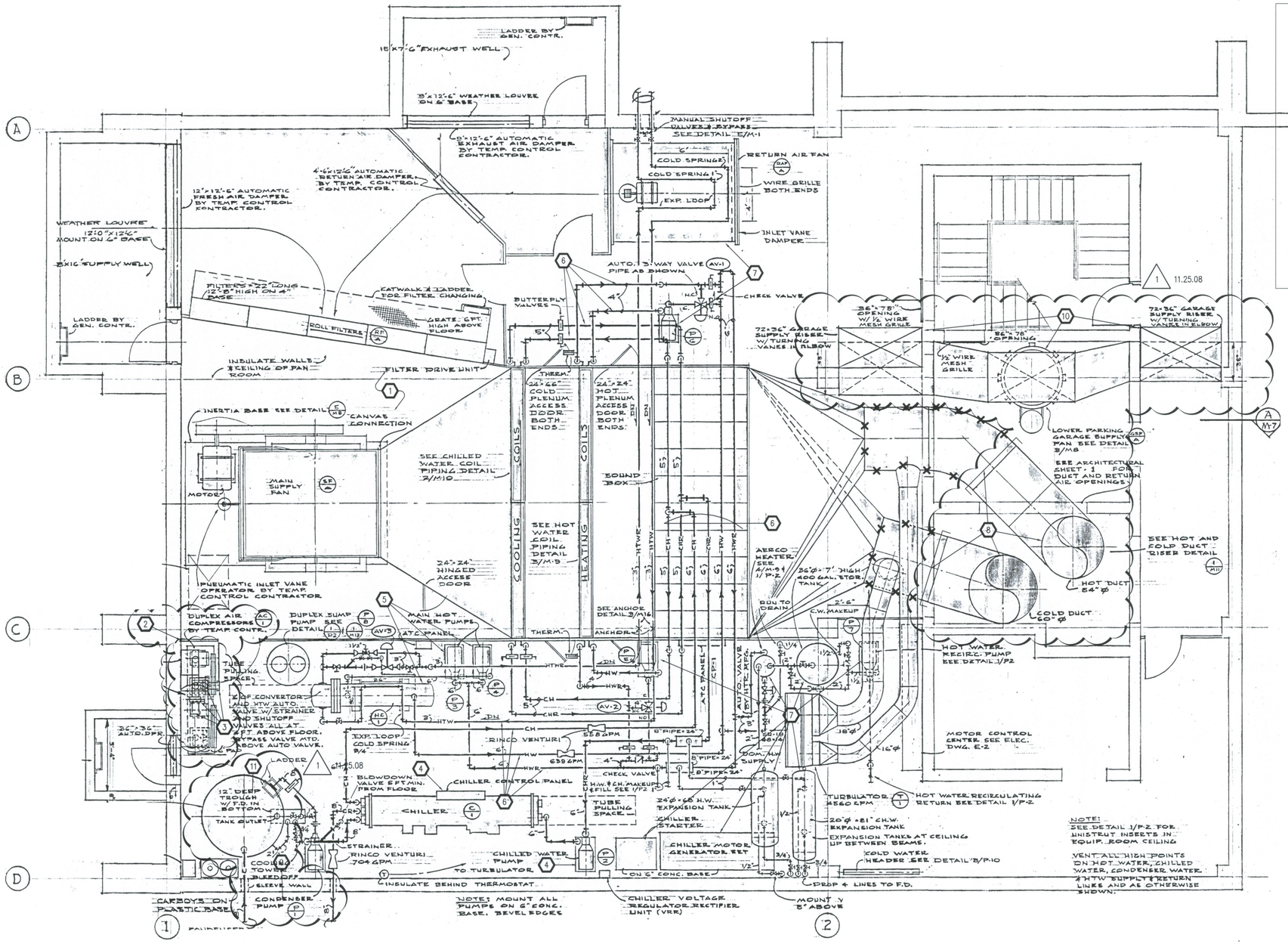
1 11.25.08

KEYED NOTES

1. REMOVE EXISTING FAN, HEATING AND COOLING COILS, FILTERS, PLENUM WALLS, AND SUPPLY DUCTWORK FROM SPACE.
2. DISCONNECT AND SALVAGE ATC AIR COMPRESSOR FOR RE-INSTALLATION.
3. VALVE AND CAP EXISTING CHILLED WATER LINES, DEMOLISH DOWNSTREAM OF CAP.
4. DEMOLISH AND REMOVE EXISTING CHILLER AND ASSOCIATED PUMPS.
5. DEMOLISH AND REMOVE EXISTING HIGH TEMPERATURE WATER HEAT EXCHANGER AND PUMPS.
6. REMOVE ALL HOT WATER PIPING AND CHILLED WATER PIPING.
7. ALL MECHANICAL EQUIPMENT TO BE DEMOLISHED AND REMOVED.
8. CAP DUCTWORK AS SHOWN. RISERS TO REMAIN.
9. DEMO AND REMOVE EXISTING COOLING TOWER LOCATED IN AREA WELL OUTSIDE.
10. GARAGE VENTILATION FAN AND ASSOCIATED DUCTWORK TO REMAIN.
11. EXISTING COOLING TOWER SUMP TO REMAIN.

1 11.25.08

1 11.25.08



N

1 M401 MECHANICAL EQUIPMENT ROOM

SCALE: 1/4" = 1'-0"

0' 4' 8'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS

Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F

VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

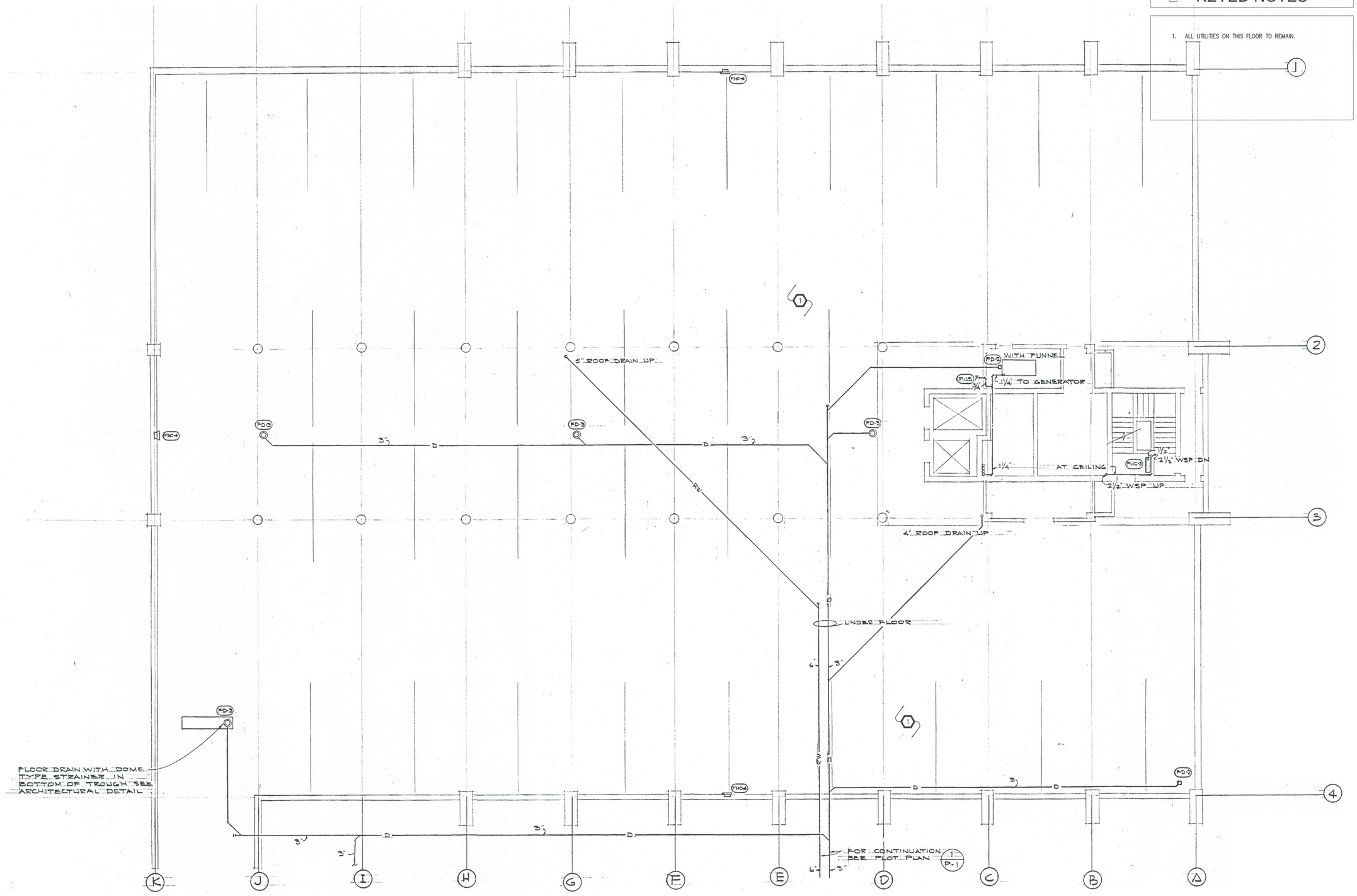
SUB BASEMENT MECHANICAL EQUIPMENT ROOM PLAN

M401

N:\08\08300\08384 UofU College of Nursing\01_Cadd_Mechanical\Demolition\8384_M401.dwg, 11/21/2008 3:07:21 PM, Doug

KEYED NOTES

1. ALL UTILITIES ON THIS FLOOR TO REMAIN.



1 PK101 **BASEMENT PLUMBING PLAN**

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

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS

Salt Lake City · Logan · St. George · Tempe · Pocatello

330 South 300 East
Salt Lake City, UT 84111

801.530.3148 T
801.530.3150 F

VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

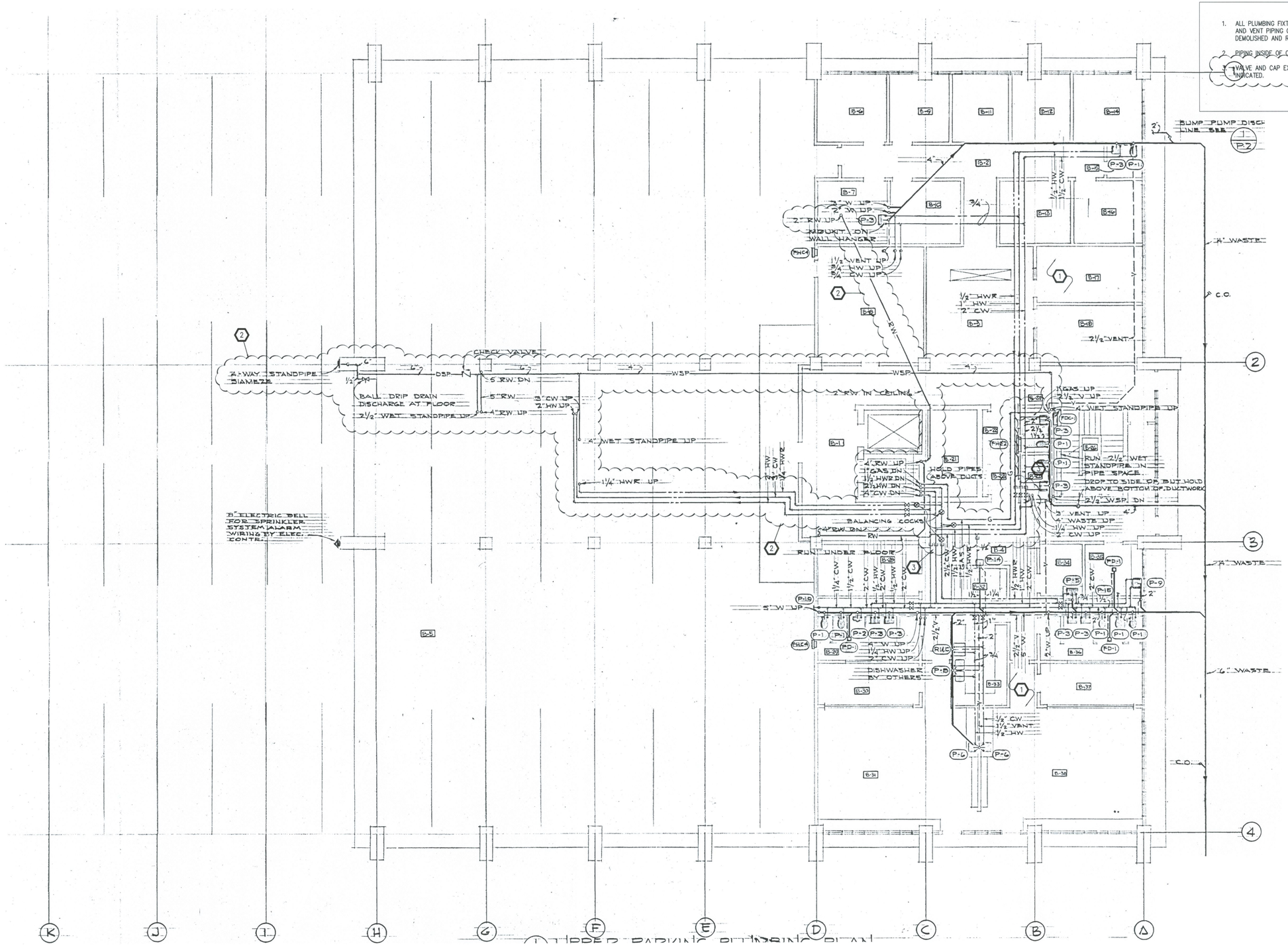
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

BASEMENT
PLUMBING PLAN

PK101

N:\08\08330\08384 UofU College of Nursing\01_CadD_Plumbing\Demolition\8384_PK101.dwg, 11/21/2008 3:06:37 PM, Doug



KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP EXISTING LINES AT LOCATIONS INDICATED.

1 11.25.08

1 FIRST FLOOR PLUMBING PLAN
PK102 SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE
2" 1" 0 1" 2" 4"

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

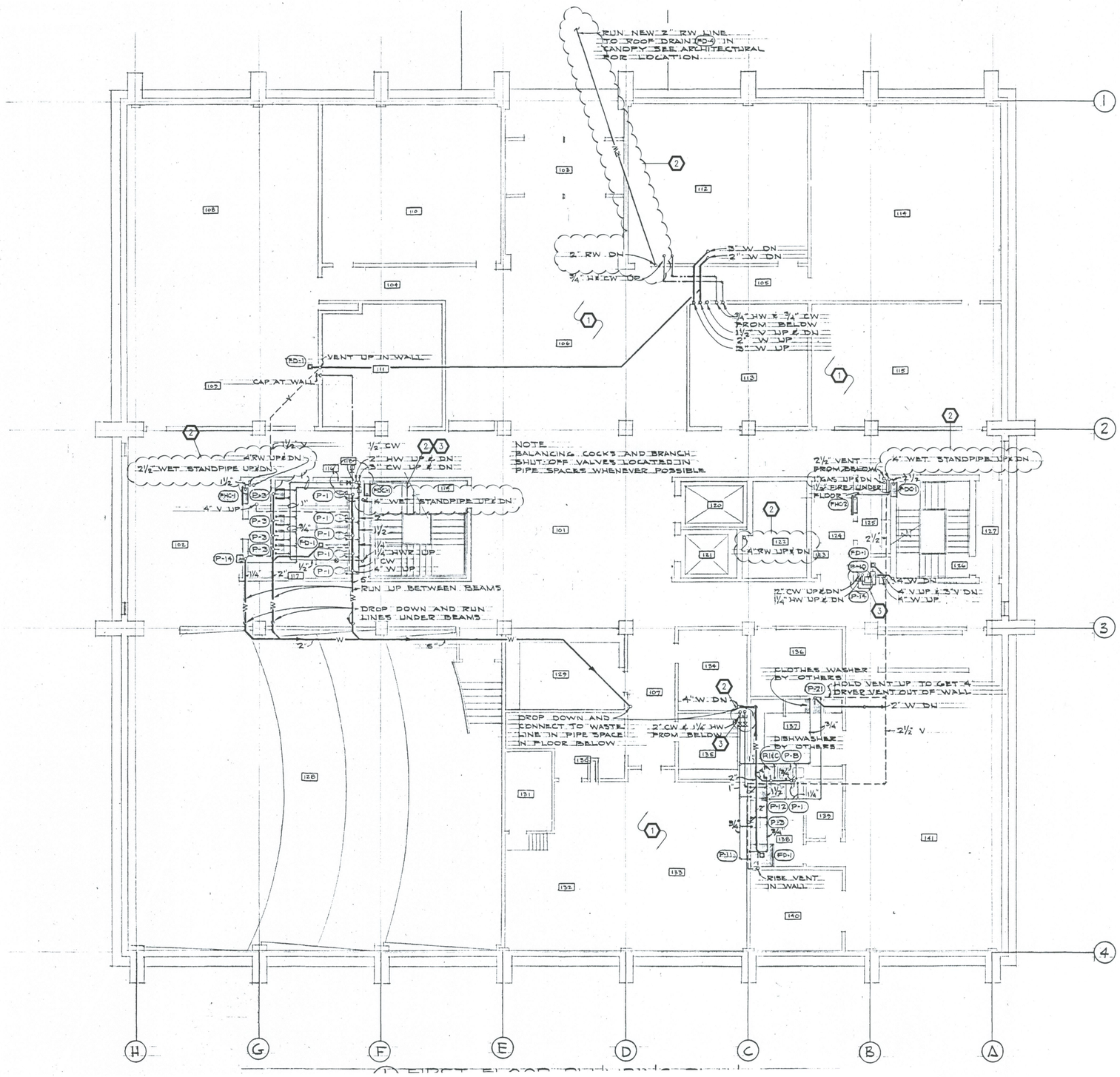
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

FIRST FLOOR PLUMBING PLAN

PK102

N:\08\08300\08384 UofU College of Nursing\01_Cad\1_Plumbing\Demolition\8384_P0102.dwg, 11/21/2008 3:06:43 PM, Doug



1 SECOND FLOOR PLUMBING PLAN
P101
SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE
2" 1" 0 1" 2" 4"

KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

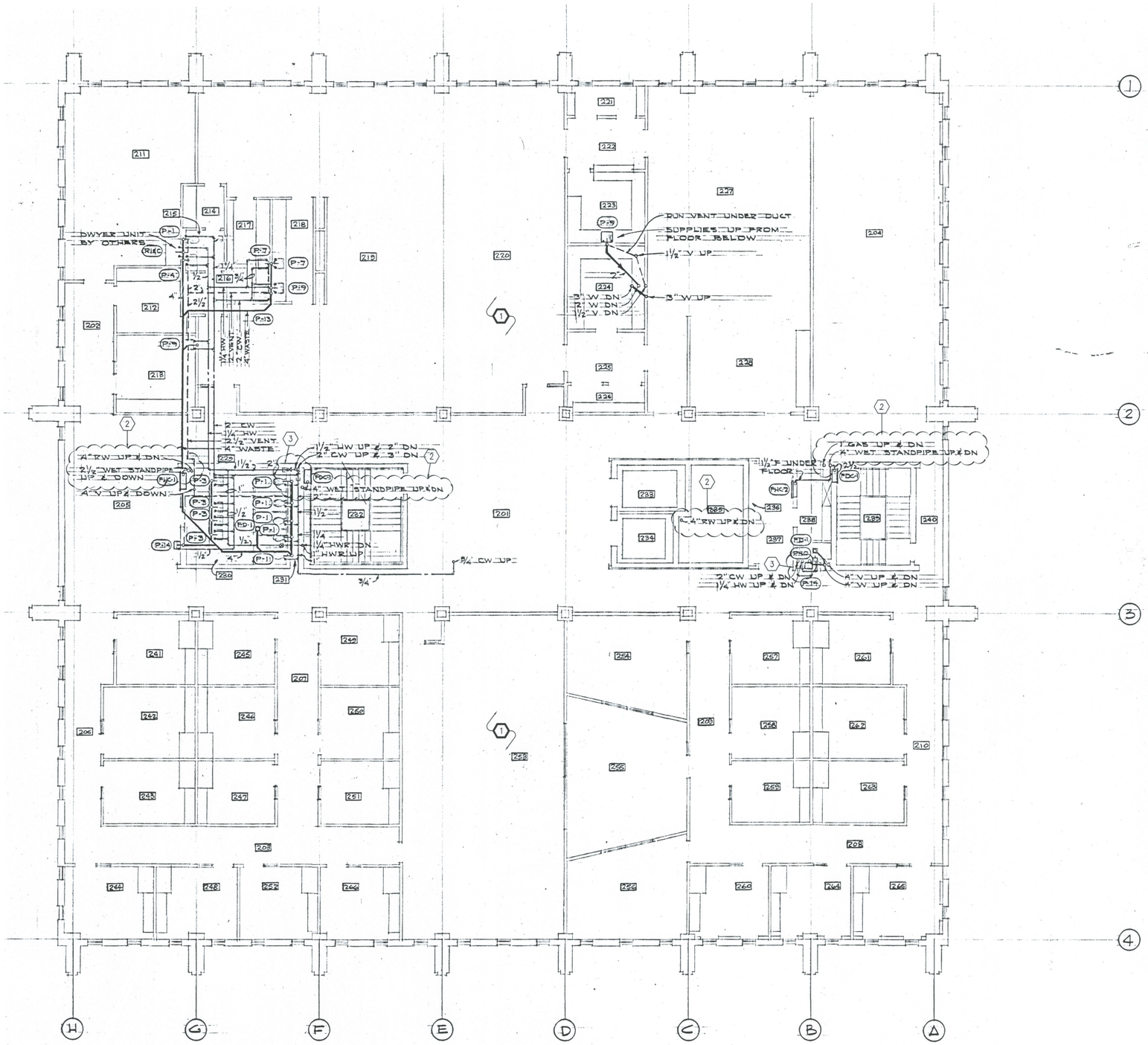
DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

SECOND FLOOR PLUMBING PLAN

P101

N:\08\083300\08384 Uof\ College of Nursing\01_Cadd_Plumbing\Demolition\8384_P0104.dwg, 11/21/2008 3:06:59 PM, Doug



KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

THIRD FLOOR PLUMBING PLAN

P102

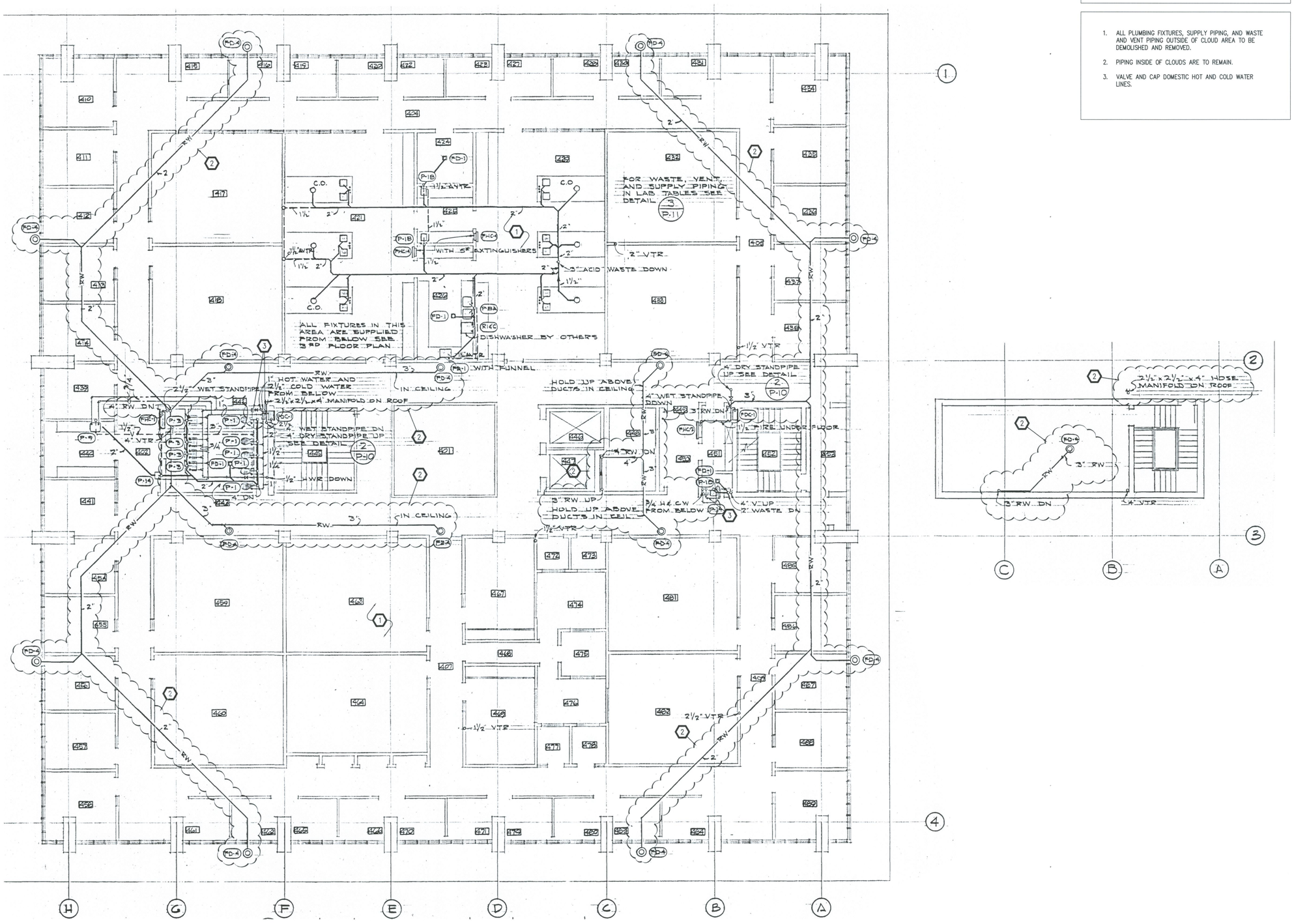
1 / P102 THIRD FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

HALF FULL SCALE

N:\08\08300\08384 Uofu College of Nursing\01_Cadd_Plumbing\Demolition\8384_P0103.dwg, 11/21/2008 3:06:51 PM, Doug

KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN.
3. VALVE AND CAP DOMESTIC HOT AND COLD WATER LINES.



1 FIFTH FLOOR PLUMBING PLAN
P104 SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE
2" 1" 0 1" 2" 4"

GSBS ARCHITECTS
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101
P 801.521.8600
F 801.521.7913
www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1

REGISTERED PROFESSIONAL ENGINEER No. 7122 KIM P. HARRIS STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC. CONSULTING ENGINEERS
WWW.VBFA.COM
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

FIFTH FLOOR PLUMBING PLAN

P104

N:\08\08300\08384 UofU College of Nursing\01_Cadd_Plumbing\Demolition\8384_PD105.dwg, 11/21/2008 3:07:07 PM, Doug

KEYED NOTES

1. ALL PLUMBING FIXTURES, SUPPLY PIPING, AND WASTE AND VENT PIPING OUTSIDE OF CLOUD AREA TO BE DEMOLISHED AND REMOVED. THIS INCLUDES ALL FIRE SPRINKLER PIPING INSIDE MECHANICAL ROOM CEILING SPACE AND DOMESTIC WATER SERVICE TO WATER HEATER AND STORAGE TANKS. WATER HEATER AND STORAGE TANKS TO BE DEMOLISHED AND REMOVED.
2. PIPING INSIDE OF CLOUDS ARE TO REMAIN. ALL BELOW GRADE WASTE AND VENT LINES TO REMAIN. ABOVE GRADE WASTE AND VENT FROM EJECTION PUMP TO REMAIN. EXISTING GAS LINE TO REMAIN. ALL DOMESTIC WATER FROM SERVICE ENTRY INTO THE BUILDING, PRV STATION, AND SERVICE LINES TO RISERS SHALL REMAIN. EXISTING FIRE RISER TO REMAIN.
3. VALVE AND CAP DOMESTIC WATER LINES AS SHOWN.
4. FIRE PROTECTION SYSTEM OVERHEAD TO BE REMOVED.

1 11.25.08

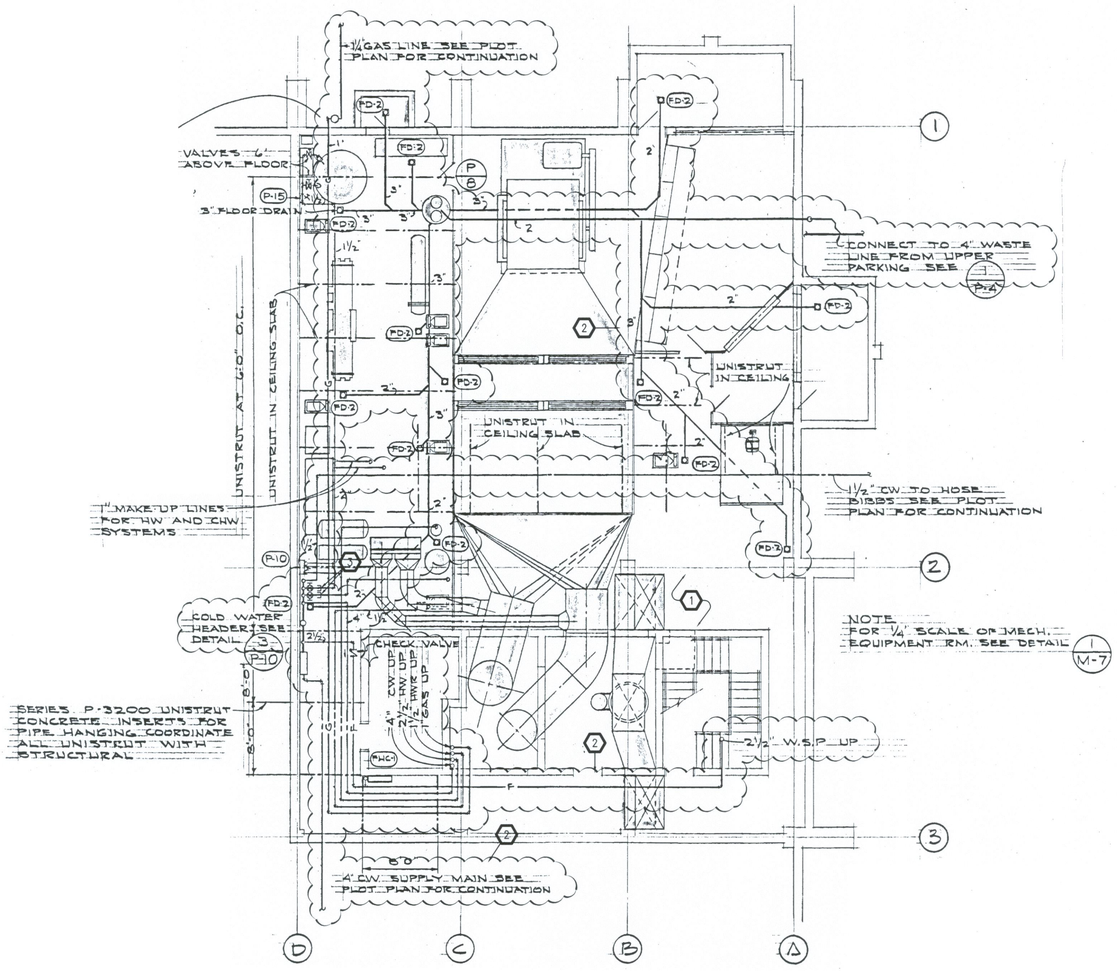
GSBS ARCHITECTS

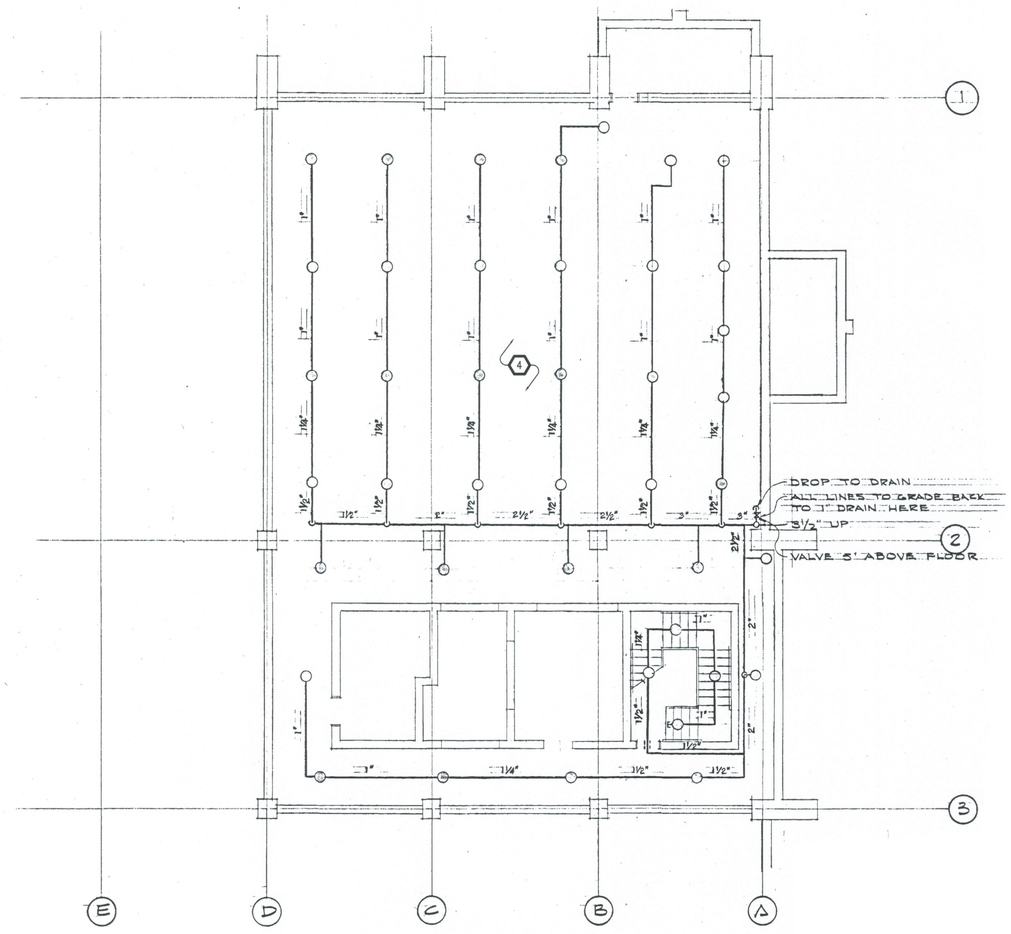
375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1





REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM
CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

PROJECT NORTH

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4110 State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

SUB BASEMENT PLUMBING AND FIRE SPRINKLER PLAN

P401

1 / P401 SUB BASEMENT PLUMBING AND FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE
2" 1" 0 1" 2" 4"

N:\08\08300\08384 UofU College of Nursing\01_Cad\1_Plumbing\Demolition\8384_P0401.dwg, 11/21/2008 3:06:23 PM, Doug

KEYED NOTES

1 11.25.08

1. FIRE PROTECTION SYSTEM TO REMAIN IN PLACE. PROTECT SPRINKLER PIPING DURING DEMOLITION.

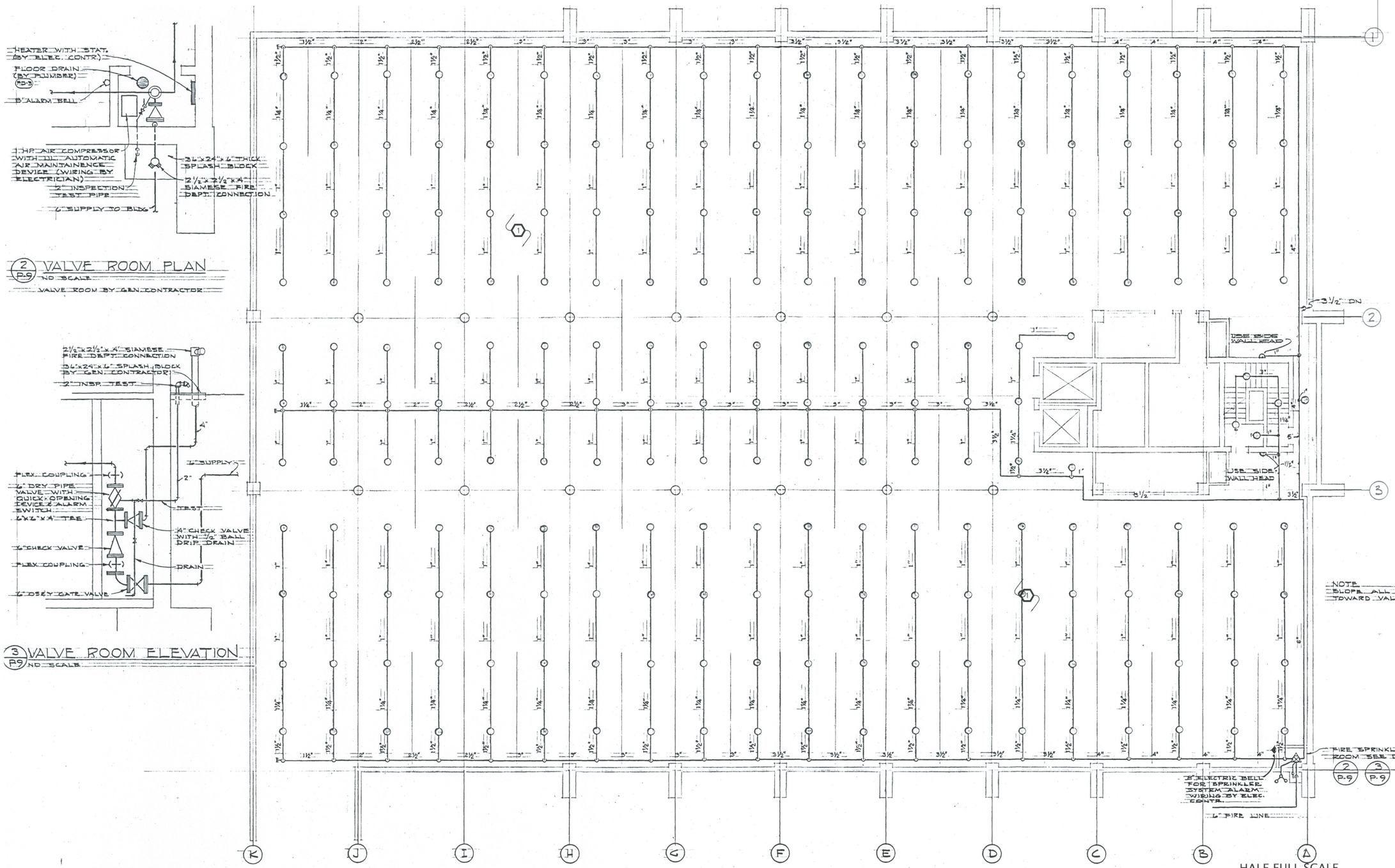
GSBS ARCHITECTS

375 WEST 200 SOUTH
SALT LAKE CITY, UT 84101

P 801.521.8600
F 801.521.7913

www.gsbsarchitects.com

1	11.25.08	ADDENDUM #1



1 F101 BASEMENT FIRE SPRINKLER PLAN
SCALE: 1/8" = 1'-0"

0' 8' 16'

HALF FULL SCALE

2" 1" 0 1" 2" 4"

PROJECT NORTH

REGISTERED PROFESSIONAL ENGINEER
No. 7122
KIM P. HARRIS
STATE OF UTAH

VAN BOERUM & FRANK ASSOCIATES INC.
WWW.VBFA.COM
CONSULTING ENGINEERS
Salt Lake City · Logan · St. George · Tempe · Pocatello
330 South 300 East 801.530.3148 T
Salt Lake City, UT 84111 801.530.3150 F
VBFA Project Number:8384_

UNIVERSITY OF UTAH
COLLEGE OF NURSING
RENOVATION

10 SOUTH 2000 EAST
SALT LAKE CITY, UT 84112

DFCM
4TH State Office Building
Salt Lake City, Utah 84114

DRAWN BY:	
CHECKED BY:	
DFCM PROJECT NO.:	07260750
GSBS PROJECT NO.:	2008.071
ISSUED DATE:	11.17.08

BASEMENT
FIRE SPRINKLER PLAN

F101

N:\08\08300\08384 Ut\U College of Nursing\01_Cadd_Plumbing\Demolition\8384_FD101.dwg, 11/21/2008 3:06:29 PM, Doug

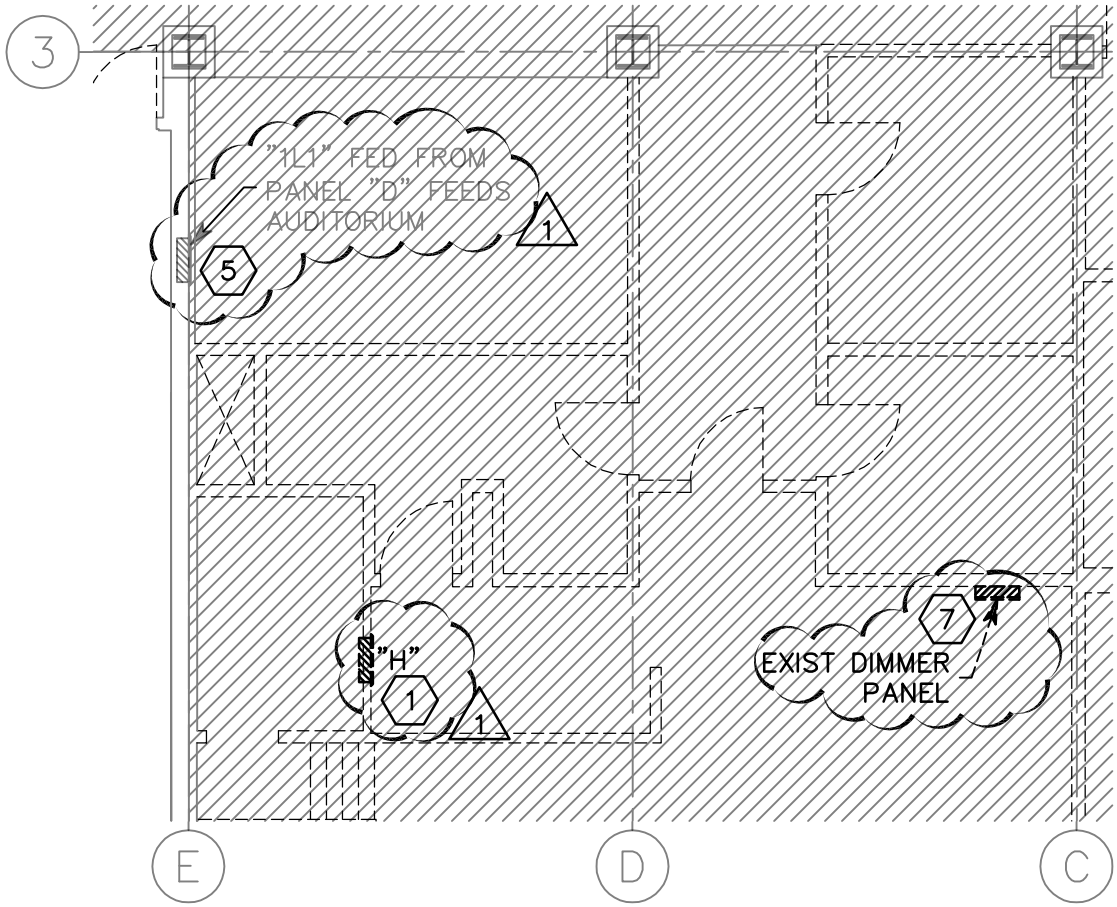
P:\2008\20080483\5Archive\4CONDOC\ADDENDUM\2008-11-24 Add #1\83ED102-R1.dwg Last Plotted: 11/24/2008 @ 12:33 By: DLM

SHEET KEYNOTES

1. EXISTING PANELBOARDS WITH ASSOCIATED FEEDERS AND BRANCH CIRCUITS TO BE REMOVED ONCE IT IS VERIFIED THAT NO REMAINING ACTIVE LOADS ARE CONNECTED TO PANELBOARDS. MAINTAIN (1) PANELBOARD ACTIVE PER FLOOR FOR TEMPORARY POWER AS DIRECTED BY G.C. FOR REMOVAL IN A LATER BID PACKAGE.

ACTIVITIES.

7. REMOVE EXISTING DIMMER PANEL WITH ASSOCIATED CONDUIT AND WIRING.



SPECTRUM ENGINEERS
175 South Main Street, Suite 300
Salt Lake City, Utah 84111
801-328-5151 800-678-7077
FAX 801-328-5155
www.spectrum-engineers.com

© 2008 Spectrum Engineers, Inc.

REVISION #1	
REFERENCE:	ED102
ISSUE:	ADDENDUM #1
DATE:	2008-11-24
PROJ NO:	20080483DW
DRAWN BY:	DLM
CHECKED BY:	DEW

PROJECT
UNIVERSITY OF UTAH COLLEGE OF NURSING RENOVATION

SHEET TITLE
LEVEL 2 ELECTRICAL DEMOLITION PLAN

SCALE
1/8"=1'-0"

ED102-R1

Addendum Number 1

College of Nursing

10 South 2000 East
Salt Lake City, Utah

University of Utah

November 24, 2008

ADDENDUM NUMBER 1

ITEM NUMBER 1

In Section 1.02 of the "Asbestos & Lead Abatement Specifications" (page 6), under the heading of "**Scope of Work**", Subpart B (Base Bid), subheading "FIREPROOFING", Specification #2 has been modified. The revised specification now reads as follows:

2. **(MODIFIED)** Abatement Contractor shall access and remove the fireproofing overspray that exists behind walls, on insulation materials, studs, and may also exist on other components of the building (e.g. masonry, concrete, etc.) that are not being demolished as part of the renovation. The actual amount of overspray expected to be encountered has not been quantified. Removal of accessible fireproofing overspray, cleaning of the studs and the removal and disposal of all fibrous glass batt-insulation materials is included in the Scope of Work.

   NOTE: On the 5th Floor, an extension of the superstructure support system is concealed behind the existing gypsumboard firewalls around the perimeter of the floor. The support system has spray-applied ACM fireproofing on the deck, perimeter beams and radial beams (corners). The areal extent (square footage) of this part of the 5th Floor is included in the estimate stated in Specification #1 of this section.

ITEM NUMBER 2

In Section 1.02 of the "Asbestos & Lead Abatement Specifications" (page 7), under the heading of "**Scope of Work**", Subpart B (Base Bid), subheading "FLOORING MATERIALS", a new specification has been added. The new specification reads as follows:

12. **(NEW)** Abatement Contractor shall remove the floor tile and mastic from the elevators in the building. The floor tile is the same as that already found in the facility. There is approximately **50 ft^2** of flooring materials (including carpeting) to be removed **in each elevator** compartment. Floor tile may qualify to be disposed as ordinary construction waste. Mastic shall be handled and disposed in accordance with the applicable mastic removal specifications included in this Scope of Work.

ITEM NUMBER 3

In Section 1.02 of the "Asbestos & Lead Abatement Specifications" (page 9), under the heading of "**Scope of Work**", Subpart B (Base Bid), subheading "LEAD-CONTAINING CERAMIC TILE", Specification #1 has been changed. The revised specification now reads as follows:

1. **(MODIFIED)** Abatement Contractor shall access and remove the lead-containing ceramic wall tile from the restrooms and custodial closets throughout the building. There is approximately **4,000 ft^2** of tile to be removed. Ceramic tile may qualify for disposal as ordinary construction waste if removed independent of any friable asbestos-containing materials that may be present in the tile-affected areas.

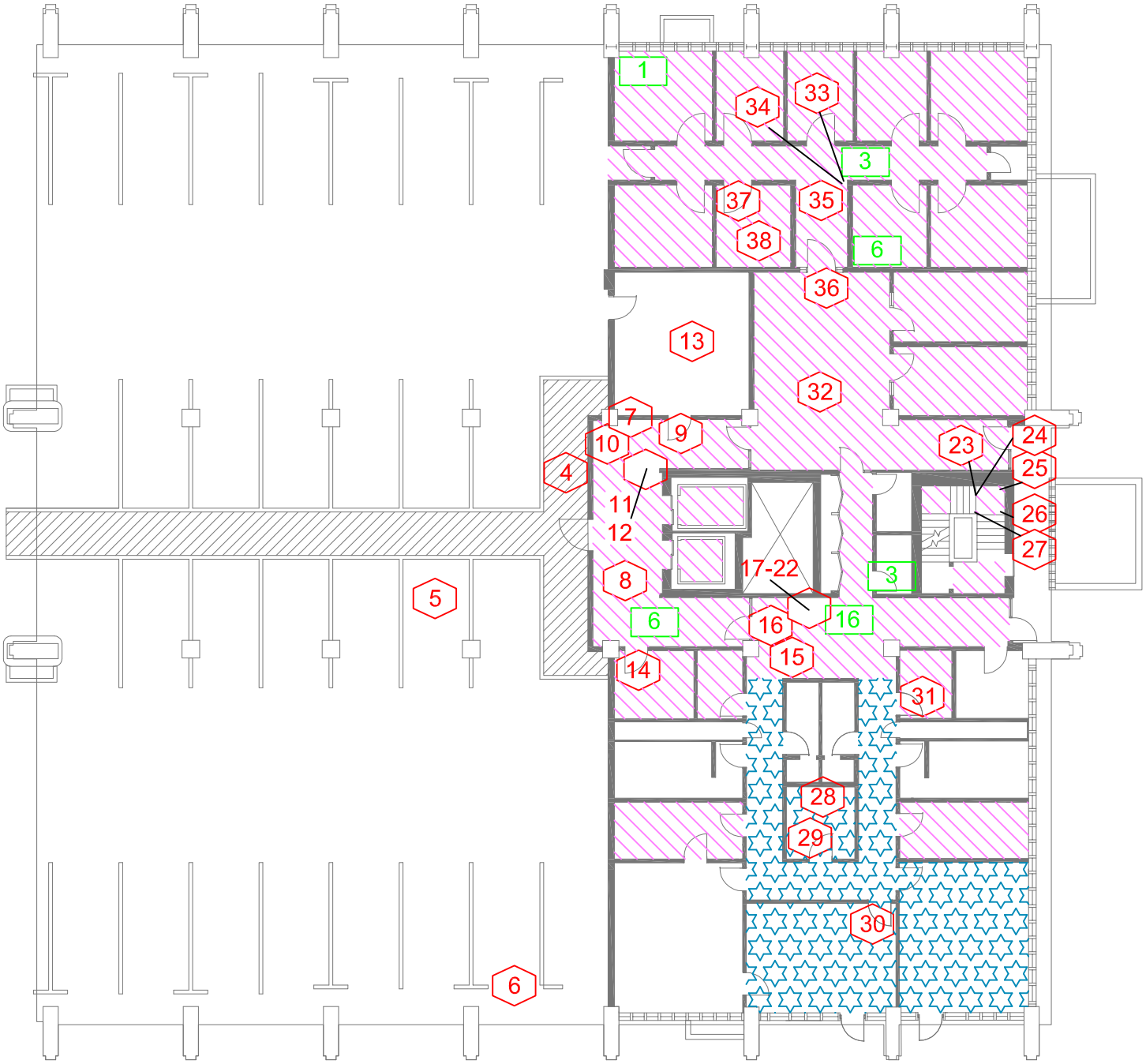
ITEM NUMBER 4

In the **'PART 3 – ASBESTOS ABATEMENT – EXECUTION'** part of the Asbestos and Lead Abatement Specifications, under the section heading of "**3.06 Cleaning and Final Decontamination**", (page 34) paragraph 'A' has been changed. The revised specification reads as follows:

A. **(MODIFIED)** After the removal of asbestos has been completed and before the containment barriers are dismantled, the entire area shall be thoroughly wet-cleaned and/or vacuumed with HEPA-filtered vacuum cleaners. All loose dust and debris shall be removed from the walls and floors of the containment and from all equipment within the containment area (there shall be no residual ACM remaining on equipment at this time). After the cleaning has been deemed substantial and adequate, the final visual inspection described in Section 3.07 of this set of specifications will be performed. After the visual inspection has been completed and successfully passed, the Abatement Contractor shall apply the approved 'lock-down' encapsulant (**Fiberset® PM**) to the entire interior of the contained work area. The encapsulant must be completely dry, typically 1-2 hours after application, before the final clearance air sampling described in Section 3.07, paragraph 'B' can be started.

END OF ADDENDUM

Asbestos Material Survey : First Level



Explanation

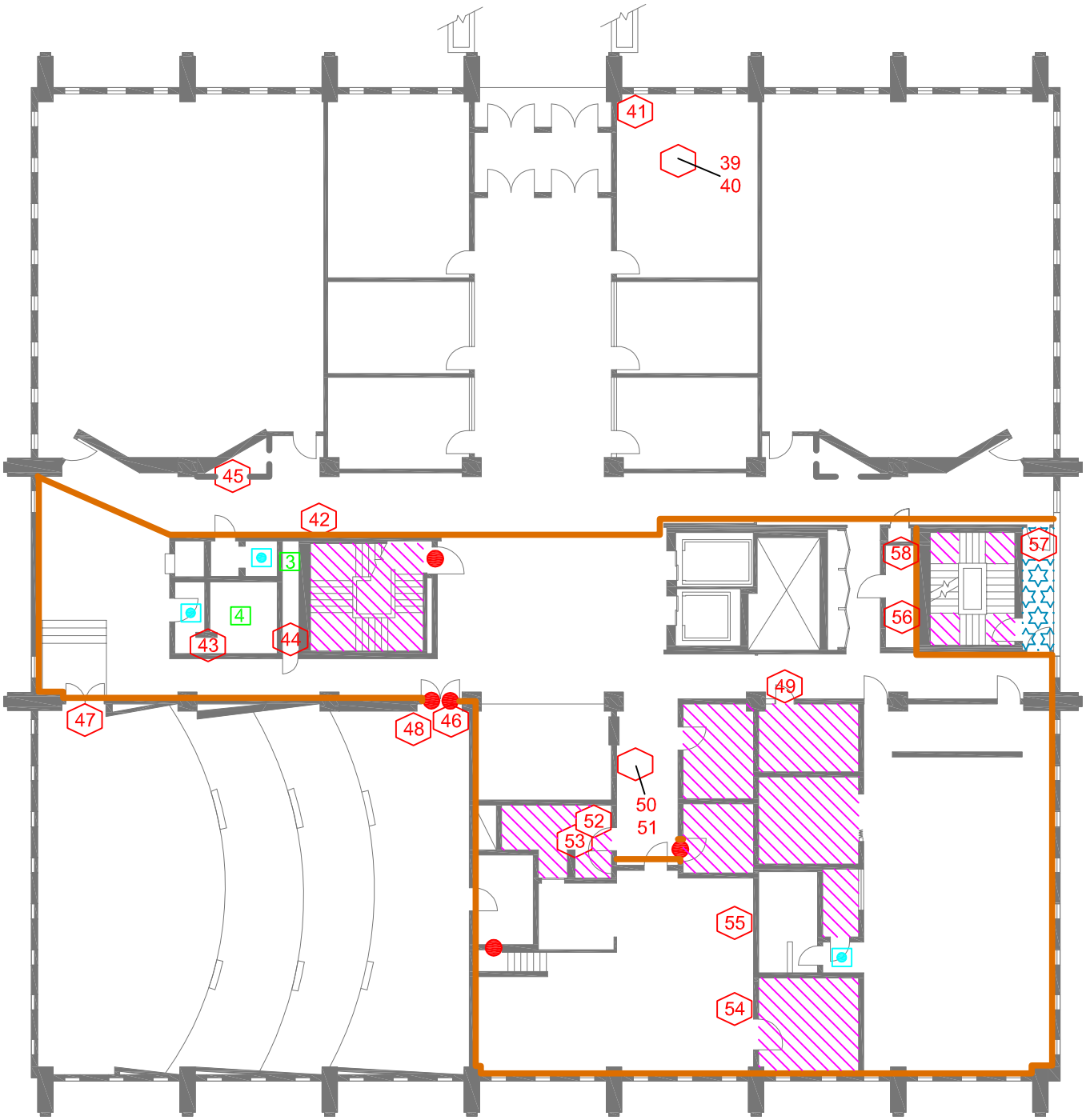
- # — Sample Location and Number
- # — Number of Pipe Fittings With Asbestos-containing Insulation
- Asbestos-containing Mastic Only
- Asbestos-containing Floor Tile and Mastic

N

Note: Asbestos-containing Wallboard Joint Compound Throughout

CLIENT INFO.	IHI ENVIRONMENTAL		
University of Utah College of Nursing Salt Lake City, Utah	Approximate Scale 20 ft	PROJECT No.:	08A-1020
		CAD No.:	08A1020C-1
		DRAWN BY:	S. Rahman
		DATE:	11/19/08
		REVISED BY:	
		DATE:	

Asbestos Material Survey : Second Level



Explanation

- Sample Location and Number
- Number of Pipe Fittings With Asbestos-containing Insulation
- Light Fixture With Asbestos-containing Wire Insulation
- Asbestos-containing Floor Tile and Mastic
- Asbestos-containing Floor Tile Only
- Asbestos-containing Fire Doors
- Asbestos-containing Wall Board Joint Compound Throughout Outlined Area

N

CLIENT INFO.			
University of Utah College of Nursing Salt Lake City, Utah	IHI ENVIRONMENTAL	PROJECT No.:	08A-1020
		CAD No.:	08A1020D-1
		DRAWN BY:	S. Rahman
		DATE:	11/20/08
	Approximate Scale 20 ft	REVISED BY:	
		DATE:	