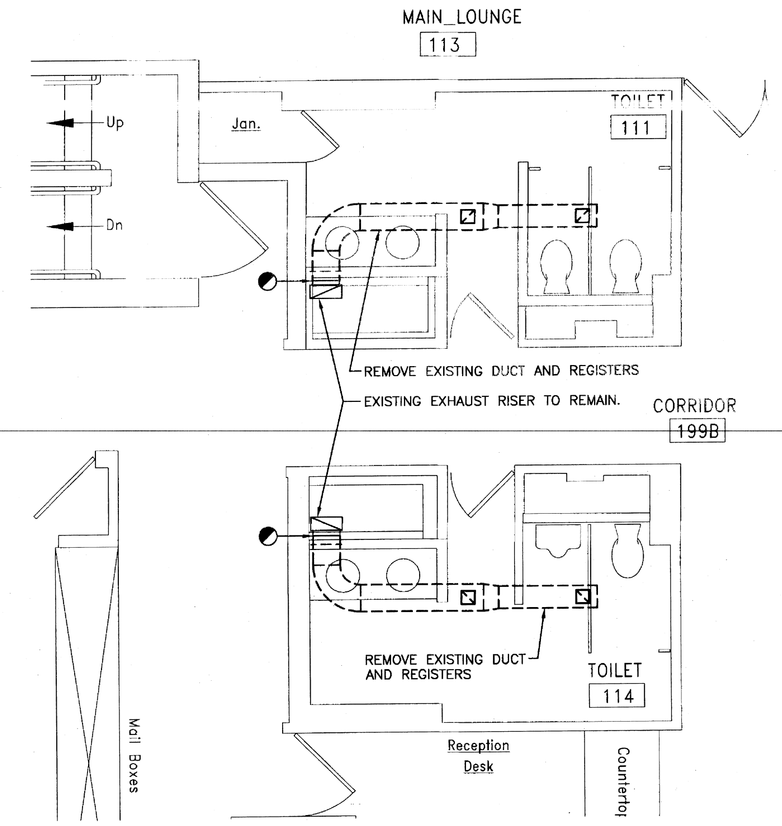
DIFFUSER, REGISTER & GRILLE SCHEDULE

SYMBOL	SIZE	FUNCTION	MATERIAL	TYPE	FINISH	DAMPER	CFM	REMARKS
ER-1	10x4 NECK	EXHAUST	STEEL	SURFACE MOUNTED	WHITE	OBD	50	TITUS MODEL 350RL
ER-2	8x8 NECK	EXHAUST	STEEL	24x24 LAY-IN	WHITE	OBD	150	TITUS MODEL 350RL

LEGEND

- NEW EQUIPMENT OR DUCTWORK
- DUCT OR EQUIPMENT TO BE REMOVED
- VD — VOLUME DAMPER
- FD — FIRE DAMPER
- RETURN GRILLE
- CONNECT TO EXISTING
- LIMIT OF DEMOLITION
- XX/XX — EQUIPMENT TAG – DIVISION 16000 CONNECTION NOT REQUIRED



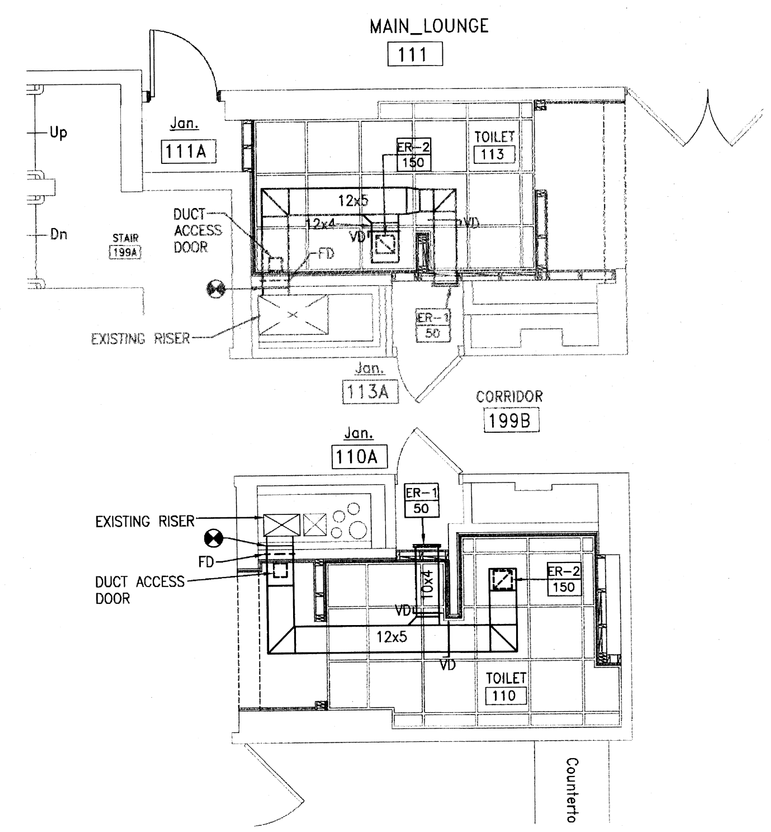
Partial Plan - HVAC Demolition

1/4" = 1'-0"

DEMOLITION NOTES:

THE DEMOLITION DRAWININGS ARE INTENDED TO SHOW A GENERAL SCOPE OF THE HVAC DEMOLITION. THEY ARE NOT INTENDED TO SHOW EVERY ITEM REQUIRED TO BE REMOVED. ITEMS NOT SPECIFICALLY SHOWN TO BE REMOVED ON THE DRAWINGS BUT INCLUDED WITHIN THE GENERAL SCOPE OF DEMOLITION SHALL BE REMOVED. ONLY ITEMS SPECIFICALLY INDICATED TO REMAIN ARE EXCLUDED FROM REMOVAL.

REMOVE SELECTIVE PORTIONS OF THE EXHAUST AIR SYSTEMS AS INDICATED ON THIS SHEET.



Partial Plan - HVAC New Work

1/4" = 1'-0"

HVAC SPECIFICATIONS – SECTION 15000
GENERAL

DRAWINGS AND GERNERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 SPECIFICATIONS APPLY TO THIS SECTION.

ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MASSACHUSETTS STATE BUILDING CODE AND ALL CODES REFERENCED HEREIN.

DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW EVERY OFFSET, FITTING OR COMPONENT. THE DRAWINGS INDICATE A SYSTEM CONCEPT WITH APPROXIMATE GEOMETRICAL RELATIONSHIPS. THE CONTRACTOR SHALL PROVIDE ALL COMPONENTS AND MATERIALS NECESSARY TO MAKE THE SYSTEMS FULLY COMPLETE AND OPERATIONAL.

SIZES AND LOCATIONS OF EXISTING EQUIPMENT, DUCTWORK AND PIPING ARE SHOWN FOR REFERENCE ONLY. VERIFY ALL DIMENSIONS IN THE FIELD. IF THE EXISTING CONDITIONS ARE SIGNIFICANTLY DIFFERENT FROM THE CONDITIONS SHOWN, NOTIFY THE DESIGNER BEFORE PROCEEDING WITH THE WORK.

SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS, PROVIDE THE EQUIPMENT AND PRODUCTS SHOWN ON THIS DRAWING. EQUIPMENT AND PRODUCTS BY OTHER MANUFACTURERS THAT ARE EQUAL IN QUALITY AND FUNCTION ARE ALSO ACCEPTABLE. ITEMS SUBMITTED AS EQUAL MUST BE APPROVED BY THE ENGINEER.

DUCTWORK AND ACCESSORIES

ALL DUCTWORK AND DUCT ACCESSORIES SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH NFPA AND SMACNA STANDARDS. ALL METAL DUCTS AND FITTINGS SHALL BE GALVANIZED ZINC COATED STEEL. MINIUMUM GAUGE SHALL BE 24.

FIRE DAMPERS SHALL BE EQUAL TO BUCKLEY MODEL 150B. DAMPER BLADES SHALL BE OUT OF THE AIRSTREAM. PROVIDE WITH 165° F. FUSIBLE LINK.

DUCT ACCESS DOORS SHALL BE EQUAL TO BUCKLEY MODEL H-10. MINIMUM SIZE SHALL BE 8x8.

UNIVERSITY OF MASSACHUSETTS
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AMHERST, MASSACHUSETTS

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Brown House, Bldg. # 426
92 Eastman Lane, Amherst, Ma. 01003
ADA Restroom Renovation Plan
HVAC Demolition and New Work Plans

CONTRACT NO: UMA 11-35
PROJECT NO.: 10-00055801

DRAWN BY:	KJB
CHECKED BY:	KJB
DESIGNED BY:	KJB
SCALE:	1/4" = 1'-0"
DATE:	03/09/2011

REVISIONS

No.	DESCRIPTION	DATE

COMMONWEALTH OF MASSACHUSETTS
KARLAND J. BUTLER
MECHANICAL
No. 41265
REGISTERED PROFESSIONAL ENGINEER

DRAWING NO.
A-426-10-00055801

H-1