

- EQUIPMENT SCHEDULE**
- 106 WALL FAN CONNECTOR WITH SINGLE ROW 1" DIA COPPER/ALUMINUM FINS (4'0" X 4.5") COMPLETE METAL CABINET PRIME PAINTED, WALL BRACKETS AND PLATES, DAMPER, BALL BEARING CRADLE ELEMENTS, ETC. SLOPED AIR OUTLET EACH UNIT SHALL BE COMPLETE WITH SHUT-OFF AND PNEUMATIC CONTROL VALVE AUTOMATIC AIR RELIEF VALVE. ELEMENT LENGTH SHALL BE 6 FEET HIGH OUTPUT AT 180 DEGREES WATER TEMPERATURE. CABINET SHALL BE 7 FT LONG 12" HIGH ACCESS DOORS AS REQUIRED TRANE SERIES 40 WITH 5 ENCLOSURE. CONNECT UNIT TO EXISTING HOT WATER MAINS.
  - 107 EQUAL TO TYPE 106, BUT PEDESTAL TYPE HEATER 8FT LONG. MODEL & FVCS-4C1.
  - 124 CONSTANT VOLUME FAN POWERED TERMINAL UNIT WITH THREE FLOOR SOUND STENUATOR DOUBLE ROW HOT WATER HEATING COILS AT RETURN AIR INLET PNEUMATIC CONTROL ACTUATOR FOR DIRECT ACTION THERMOSTAT. COIL SHALL BE COMPLETE WITH GLOBE VALVE, ON-OFF VALVE, UNIONS AND FACTORY CONNECTED CONTROL SYSTEM. E.H. PRICE SIZE C10 1000 CFM CAT. FPC82 OR APPROVED EQUAL COMPLETE WITH RETURN AIR FILTER WITH EACH UNIT
  - 125 SIMILAR TO EQUIPMENT #124, BUT 1500 CFM UNIT SIZE C12

- GRILLE/DIFFUSER SCHEDULE**
- A DOUBLE DEFLECTION SUPPLY AIR GRILLE ALUMINUM MILL FINISH AND CLEAR COATING VISIBLE BLADES LENGTH WISE, 12mm BLADE SPACING, BALANCING DAMPER, NARROW FRAME WITH COUNTER SUNK SCREWS, PLASTER FRAME, BALANCING DAMPER AND SHEET METAL CONNECTIONS BOOTH, INSTALL IN DRYWALL CEILING EXACT LOCATION AS PER ARCHITECT'S DRAWINGS. EQUAL TO E.H. PRICE 500 SERIES. SIZE IS 24"x6" UNLESS OTHERWISE NOTED.
  - B SUPPLY AIR DIFFUSER 24"x24" MOUNTED IN T-BAR CEILING. ALUMINUM MILL FINISH AND CLEAR COATING FINISH. CONE DISTRIBUTION ROUND NECK ADAPTOR COMPLETE WITH BALANCING DAMPER ETC. NECK SIZE AND CFM RATING ALL SHOWN ON DRAWINGS. EXACT LOCATION AS PER ARCHITECT'S DRAWINGS. EQUAL TO E.H. PRICE AMDA SERIES.
  - C SIMILAR TO TYPE 'B' (24"x24"), BUT DIFFUSERS LOCATED IN DRYWALL CEILING COMPLETE WITH BRUSHED ALUMINUM PLASTER FRAME
  - D EXISTING 12"x6" SUPPLY GRILLE WITH 6" OF 6" ROUND DUCT SUPPLIED BY OTHERS. THE CONTRACTOR TO PICK UP GRILLES FROM OWNER AND INSTALL IN SKYLIGHTS CONNECT AND BALANCE AS SHOWN.
  - E SIMILAR TO TYPE 'C', BUT 12"x12" IN DRYWALL CEILING.
  - F SIMILAR TO TYPE C, BUT 12"x12" (DRYWALL/WOOD)
  - G SIMILAR TO 'F', BUT E.H. PRICE AMCD SERIES

- K EXPANDED GALVANIZED METAL SCREEN IN FRAME MOUNTED AT END OF DUCT OR CONNECTED WITH FRAME IN DRYWALL COVE. SAME SIZE AS DUCT.
- L RETURN AIR LOUVER. CHECK ARCHITECTURAL DRAWING FOR CEILING TYPE 24"x6" WHITE ALUMINUM 3/4"x3/4"x3/4" CUBE COMPLETE WITH FRAME IN DRYWALL CEILING.
- RD RETURN AIR LOUVER WITH SHEET AIR BOOTH AND VOLUME DAMPER AND DUCT CONNECTION IN NARROW DRYWALL FRAME WITH COUNTER SUNK SCREWS 0.5x0.5"x0.5" ALUMINUM CUBE CORE ALL ALUMINUM MILL FINISH AND CLEAR COATING ALUMINUM SIZE IS 24"x6" UNLESS OTHERWISE NOTED ON DRAWINGS.
- RT SAME AS 'RD', BUT IN 'T-BAR' CEILING

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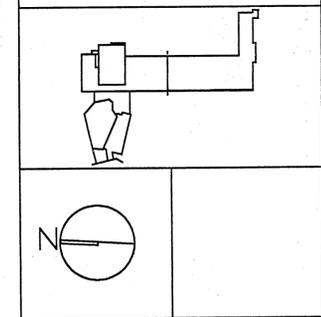
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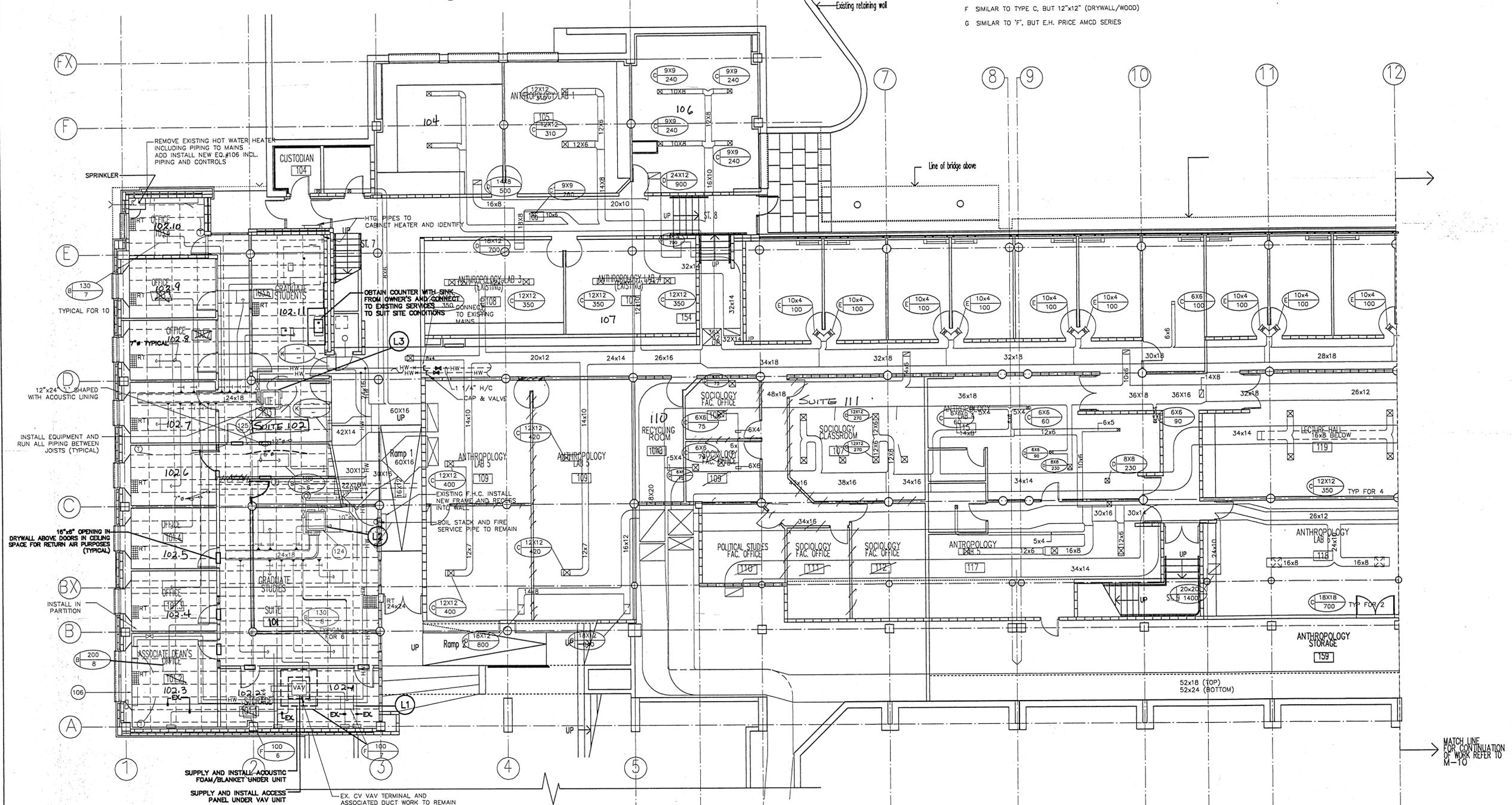


TRENT UNIVERSITY  
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 RENOVATION PROJECT  
 PHASE 2

Drawing:  
**LOWER LEVEL 'A'  
 MECHANICAL**

Scale:  
 1/8" = 1'-0" 0 5 10 ft

|              |            |             |     |
|--------------|------------|-------------|-----|
| Date         | MAY 2 1997 | Drawing No. | M-9 |
| Project No.  | 705        |             |     |
| Revision No. | 3          | Issue No.   |     |



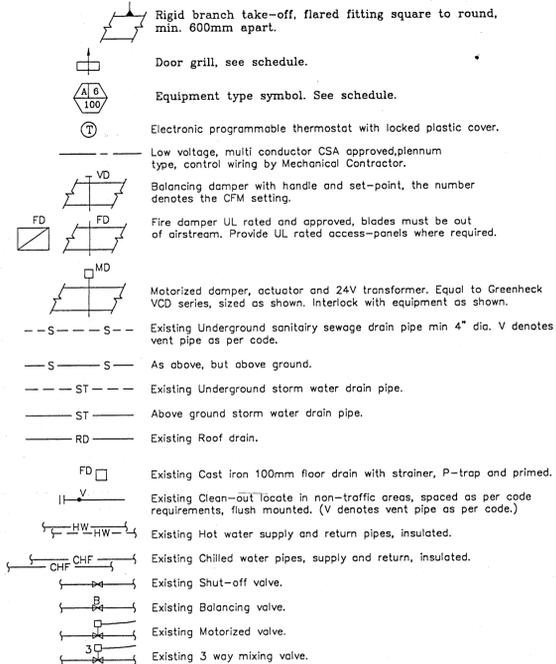
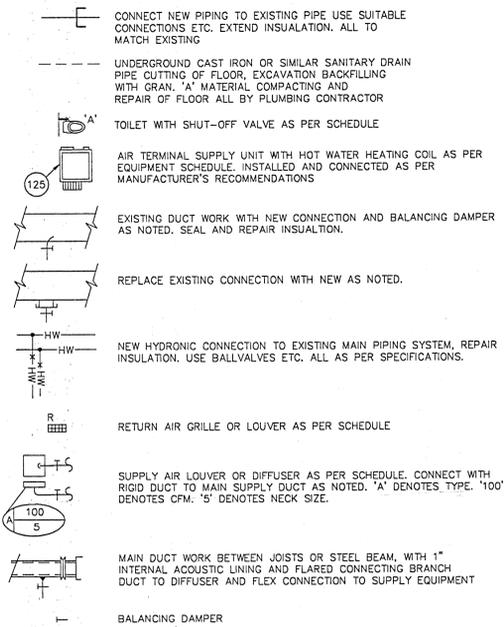
NOTE:  
 CLEAN EXISTING SUPPLY AND RETURN DUCTS

SUPPLY AND INSTALL ACOUSTIC FOAM/BLANKET UNDER UNIT  
 SUPPLY AND INSTALL ACCESS PANEL UNDER VAV UNIT  
 EX. CV VAV TERMINAL AND ASSOCIATED DUCT WORK TO REMAIN

FX  
 F  
 E  
 D  
 C  
 BX  
 B  
 A

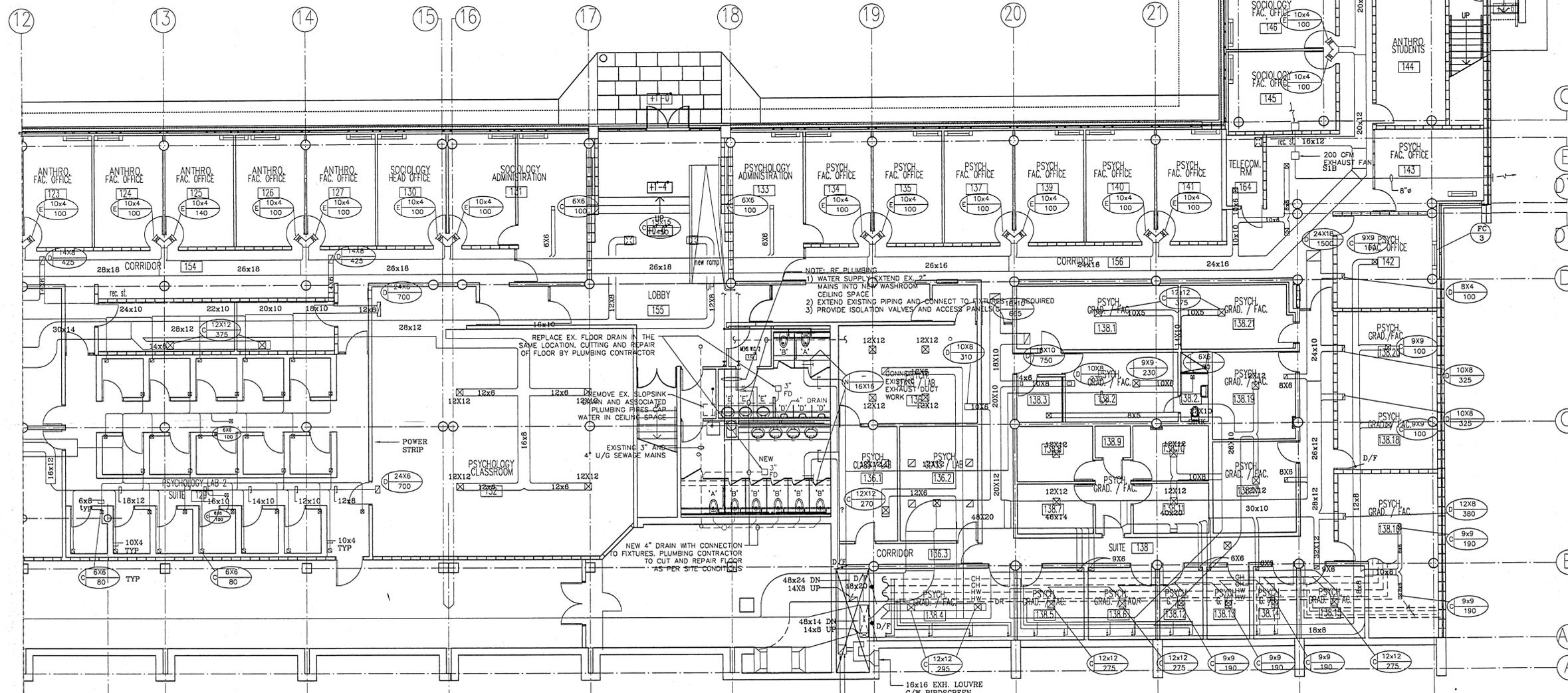
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**MECHANICAL LEGEND:**



**PLUMBING SCHEDULE:**

- A) EXISTING HANDICAPPED TOILET IN OWNER'S STORAGE (IN BUILDING) OBTAIN FROM OWNER AND REPORT AND RECORD DAMAGE EQUIPMENT IN WRITING WITH FIVE DAYS. REPLACE SEATS, CONNECTIONS (AMERICAN STANDARD OR TRANE "NEW QUALITY" REPLACEMENT PART) HARDWARE, SEALS, SHUT-OFF VALVES ETC. AND INSTALL UNIT IN NEW LOCATION, SEAT EQUAL TO CENCOCCO 500CL WITH STAINLESS STEEL HINGES AND SCREWS.
- B) EXISTING REGULAR TOILET SIMILAR TO ABOVE.
- C) SUPPLY AND INSTALL NEW COMPLETE TOILET TO MATCH EXISTING IN ADDITION TO THE EXISTING
- D) EXISTING URINAL AND CARRIER FRAME SIMILAR TO TYPE A INSTALL IN EXISTING WALL, CUT AND REPAIR WALL AS REQUIRED. PROVIDE NEW BOLTS, CAP TAIL AND STAINLESS STEEL SCREEN, CHROME "P-TRAP", CHROME PIPE AND WALL CONNECTIONS NEW FLUSH VALVE EQUAL TO AMERICAN STANDARD CAT# 817231
- E) UNIVERSAL ACCESS SINK, VITREOUS CHINA OVAL SHAPE, FOR INSTALLATION IN COUNTER, COMPLETE WITH MOUNTING HARDWARE, P-TRAP, SINGLE LEVER CHROME FAUCET AND 50mm DRAIN, AMERICAN STANDARD CAT.#AF-9494 AND GV2000.100.002
- FD) FLOOR DRAIN WITH P-TRIP, SMITH CAT#2010. INSTALL IN EXISTING FLOOR
- F) COUNTER MOUNTED STAINLESS STEEL BAR SINK WITH BACKEDGE, STRAINER, P-TRAP SHUT-OFF VALVES, GASKET AND DECK MOUNTED GOOSENECK FAUCET, ALL EQUAL TO AMERICAN STANDARD CAT.#AE-7142 AND TECK CAT. #2673833.



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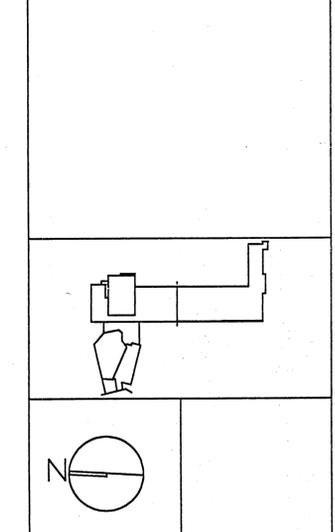
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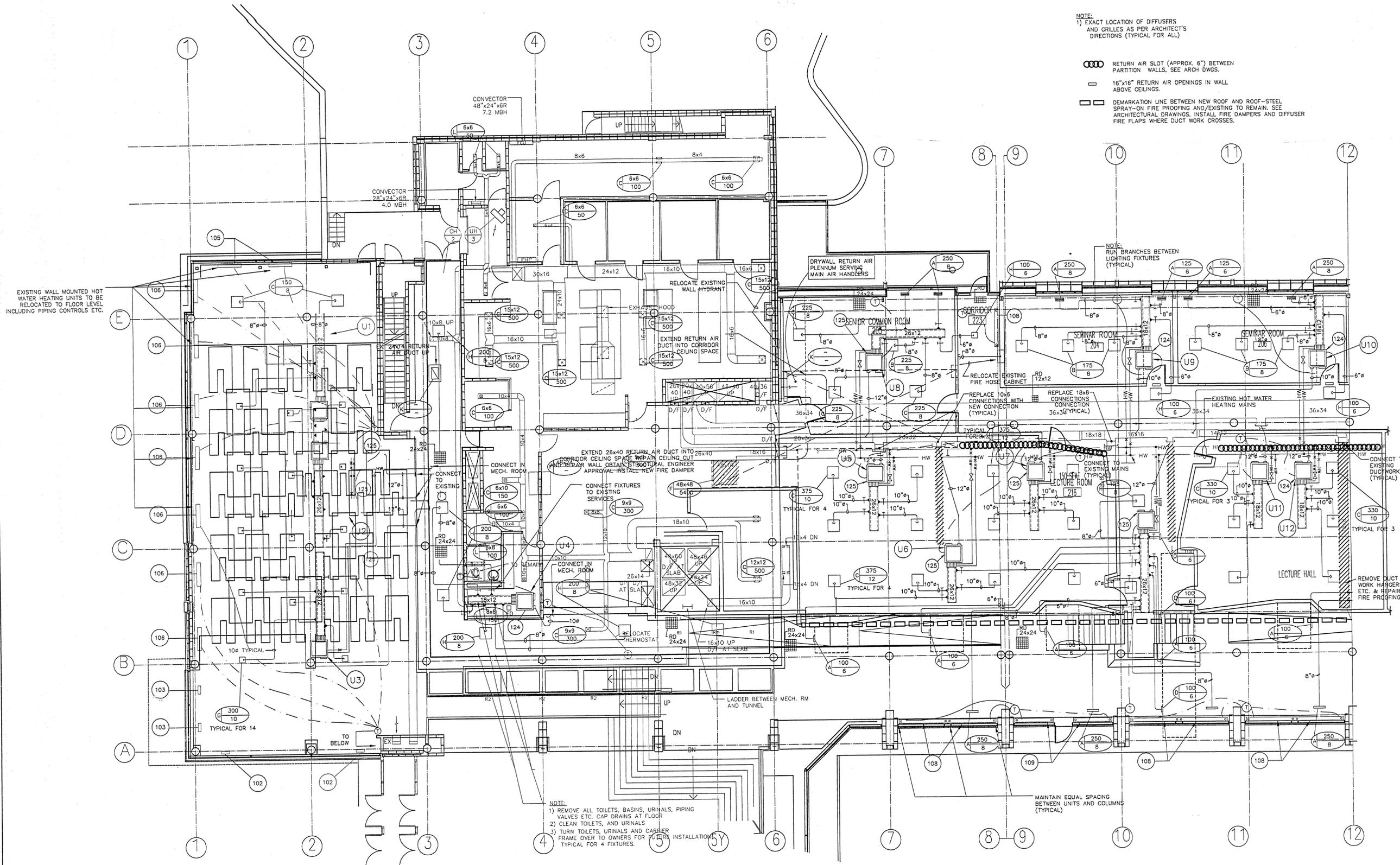
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 OTONABEE COLLEGE  
 RENOVATION PROJECT  
 PHASE 2**

Drawing:  
**LOWER LEVEL 'B'  
 MECHANICAL**

Scale:  
 1/8" = 1'-0" 0 5 10 ft

|              |            |             |      |
|--------------|------------|-------------|------|
| Date         | MAY 2 1997 | Drawing No. |      |
| Project No.  | 705        | Issue No.   | M-10 |
| Revision No. | 3          | Issue No.   | 2    |

NOTE:  
 1) REFURBISH EX. 3/4 HP EXHAUST FAN  
 REPLACE BEARINGS AND BELT(S)  
 LUBRICATE, PAINT AND PUT BACK  
 IN GOOD WORKING ORDER.  
 2) CLEAN DUCTWORK



NOTE:  
 1) EXACT LOCATION OF DIFFUSERS AND GRILLES AS PER ARCHITECT'S DIRECTIONS (TYPICAL FOR ALL)

- ○ ○ ○ RETURN AIR SLOT (APPROX. 6") BETWEEN PARTITION WALLS. SEE ARCH DWGS.
- 16"x16" RETURN AIR OPENINGS IN WALL ABOVE CEILING.
- □ DEMARKATION LINE BETWEEN NEW ROOF AND ROOF-STEEL SPRAY-ON FIRE PROOFING AND EXISTING TO REMAIN. SEE ARCHITECTURAL DRAWINGS. INSTALL FIRE DAMPERS AND DIFFUSER FIRE FLAPS WHERE DUCT WORK CROSSES.

EXISTING WALL MOUNTED HOT WATER HEATING UNITS TO BE RELOCATED TO FLOOR LEVEL INCLUDING PIPING CONTROLS ETC.

NOTE:  
 1) REMOVE ALL TOILETS, BASINS, URINALS, PIPING VALVES ETC. CAP DRAINS AT FLOOR.  
 2) CLEAN TOILETS, AND URINALS  
 3) TURN TOILETS, URINALS AND CARRIER FRAME OVER TO OWNERS FOR RE-INSTALLATION TYPICAL FOR 4 FIXTURES.

MAINTAIN EQUAL SPACING BETWEEN UNITS AND COLUMNS (TYPICAL)

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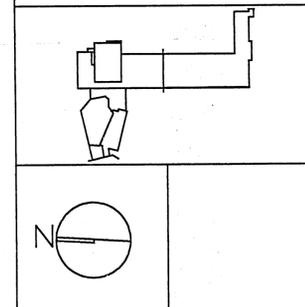
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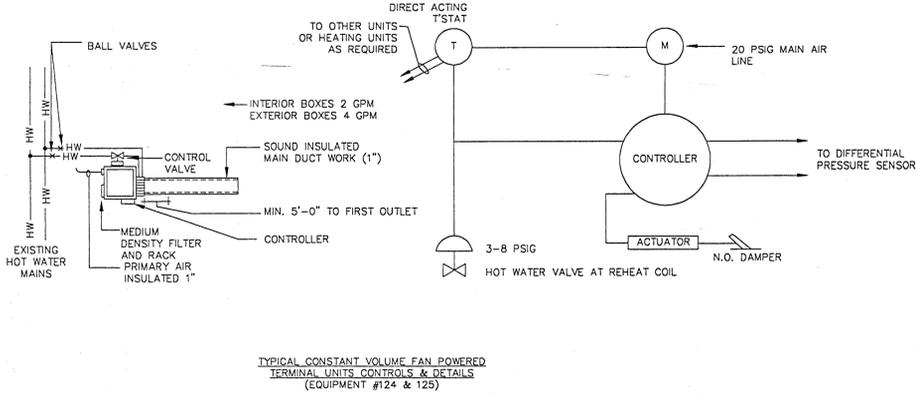
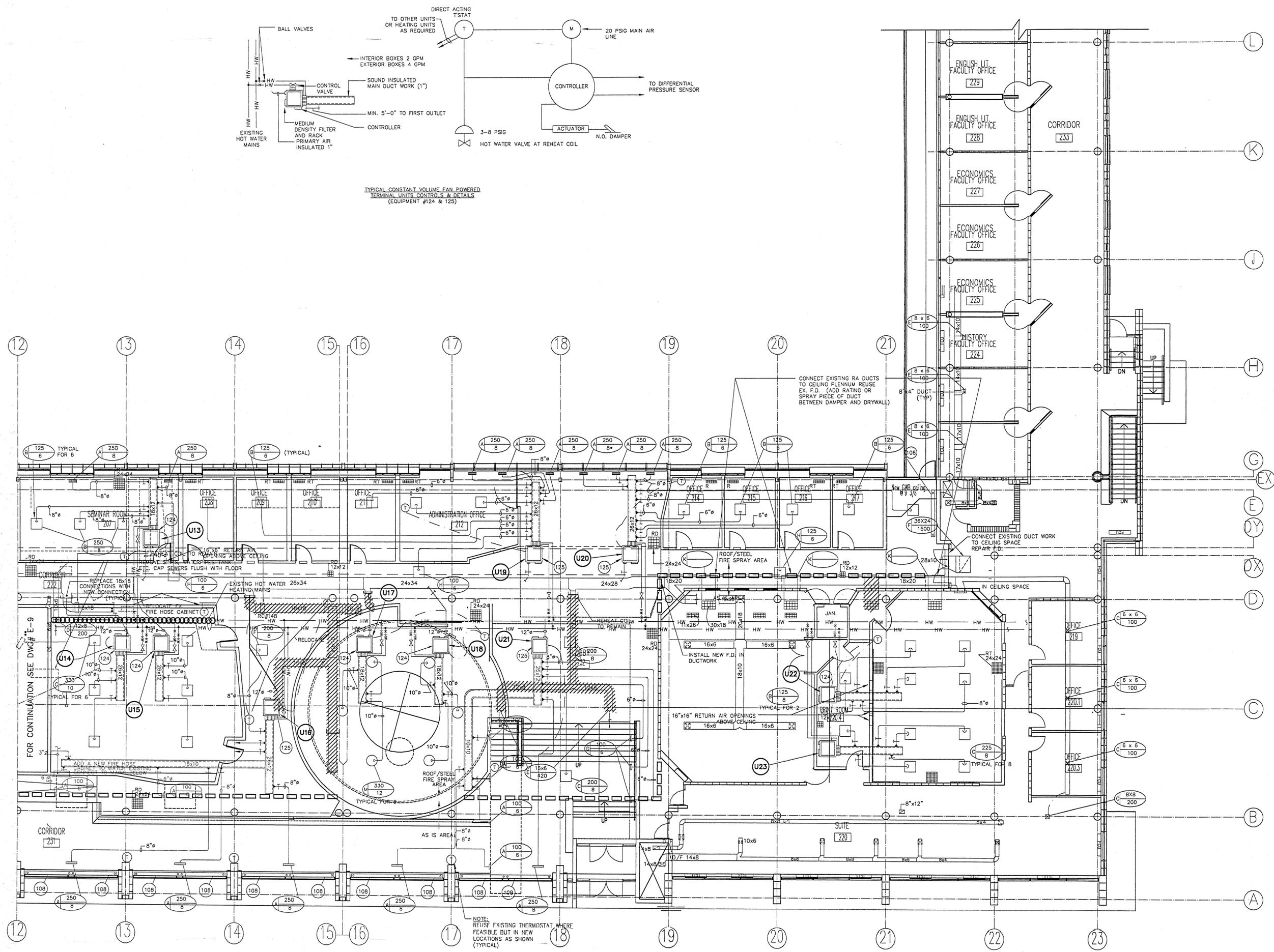


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 RENOVATION PROJECT  
 PHASE 2

Drawing:  
 UPPER LEVEL 'A'  
 MECHANICAL

Scale:  
 1/8" = 1'-0" 0 1 5 10 ft

|              |            |             |      |
|--------------|------------|-------------|------|
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| Project No.  | 705        | Issue No.   |      |
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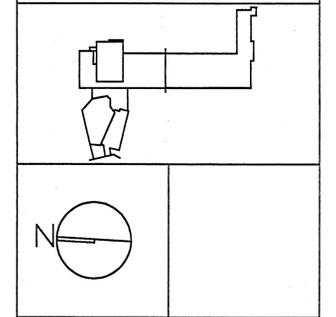
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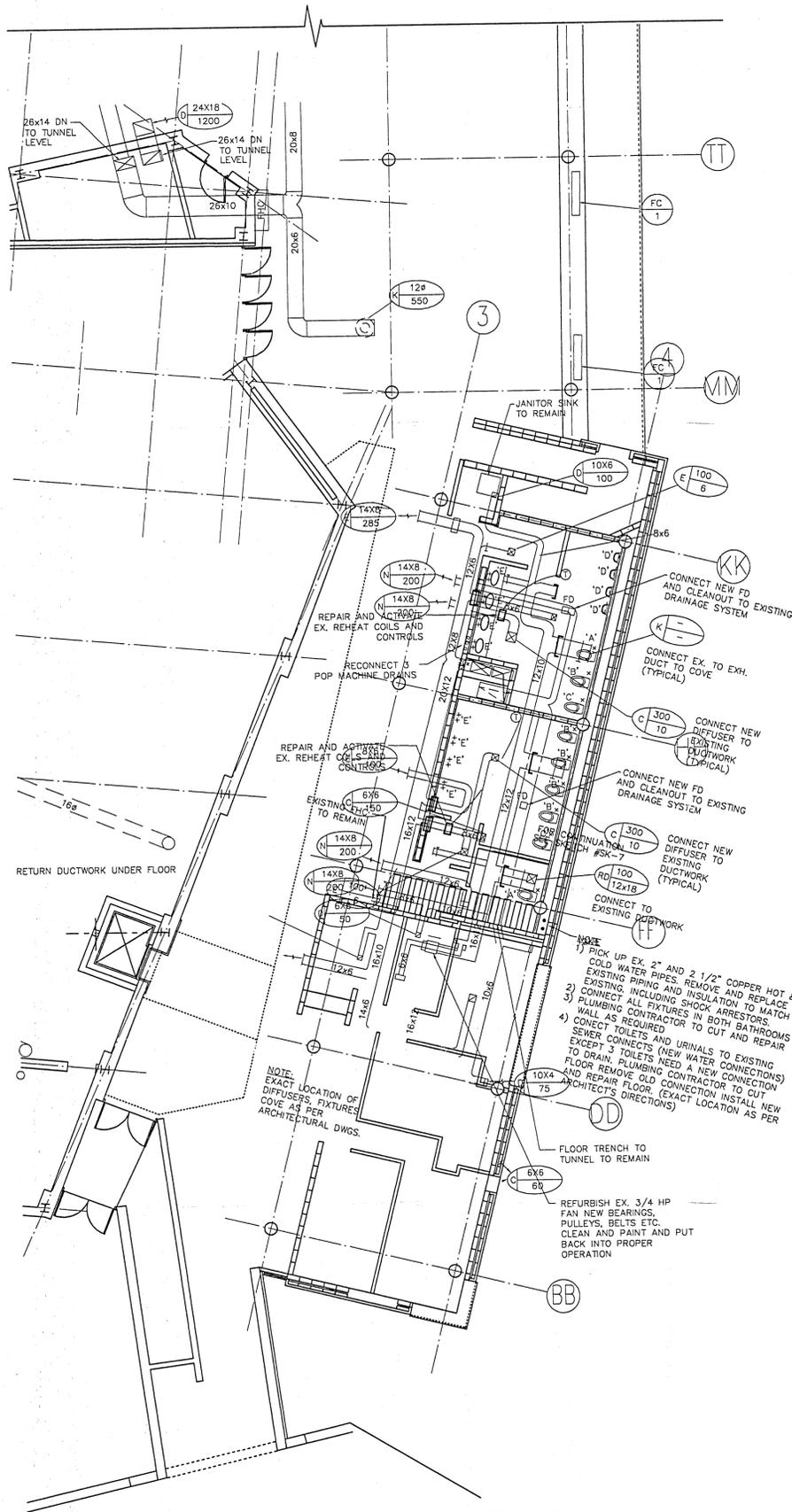


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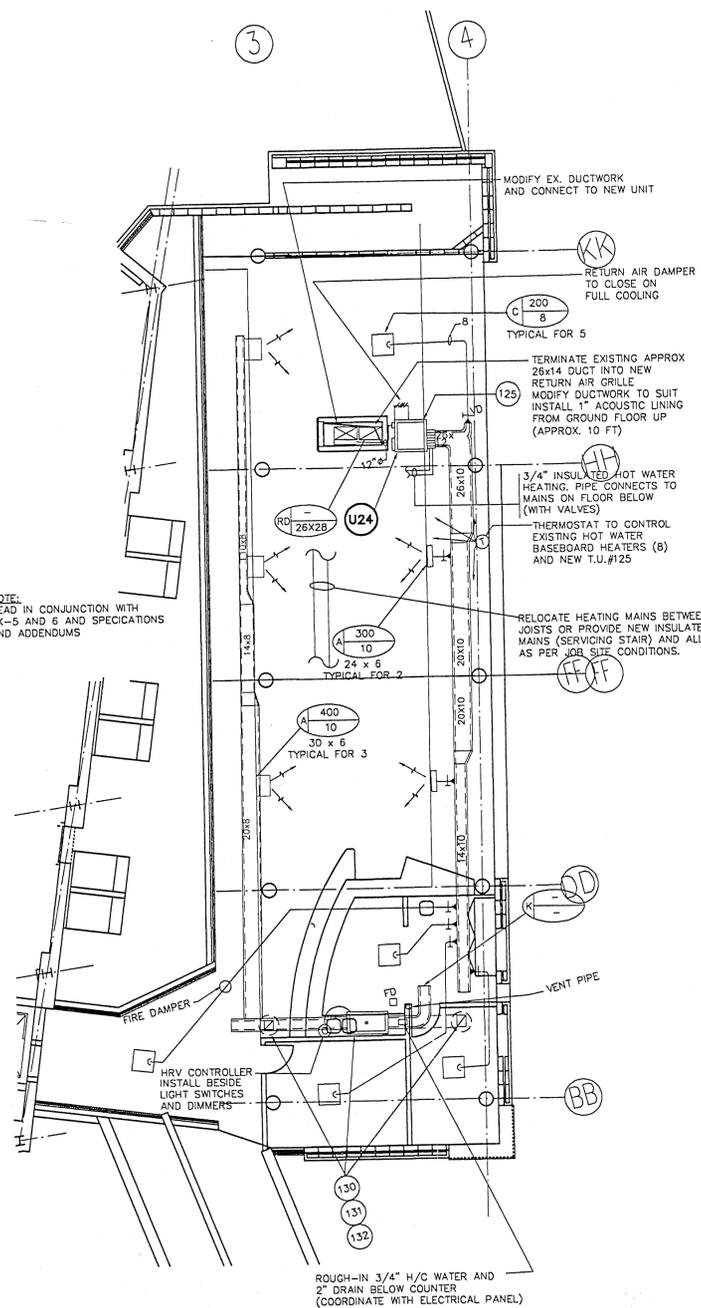
Drawing:  
UPPER LEVEL 'B'  
MECHANICAL

Scale:  
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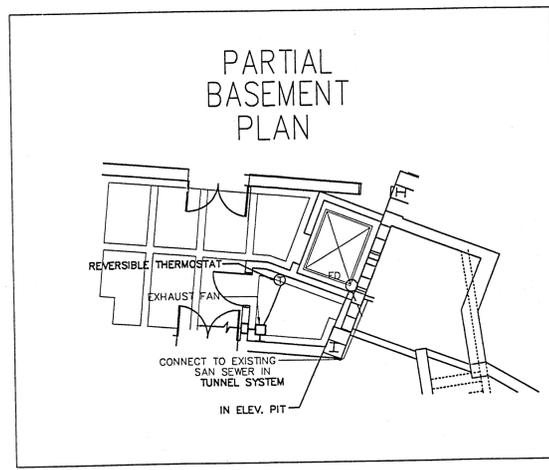
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| Date         | MAY 2 1997 | Drawing No. | M-12 |
| Project No.  | 705        | Issue No.   |      |
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GROUND LEVEL PLAN



SECOND LEVEL PLAN



PARTIAL BASEMENT PLAN

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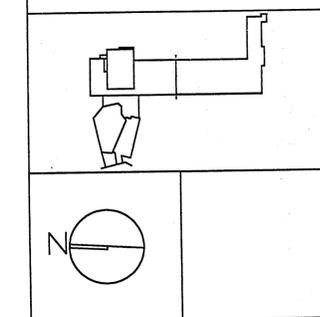
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Drawing:  
**WENJACK THEATRE  
 MECHANICAL**

Scale:  
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Date: MAY 2 1997 Drawing No.

Project No. 705 M-13

Revision No. 3 Issue No. 2