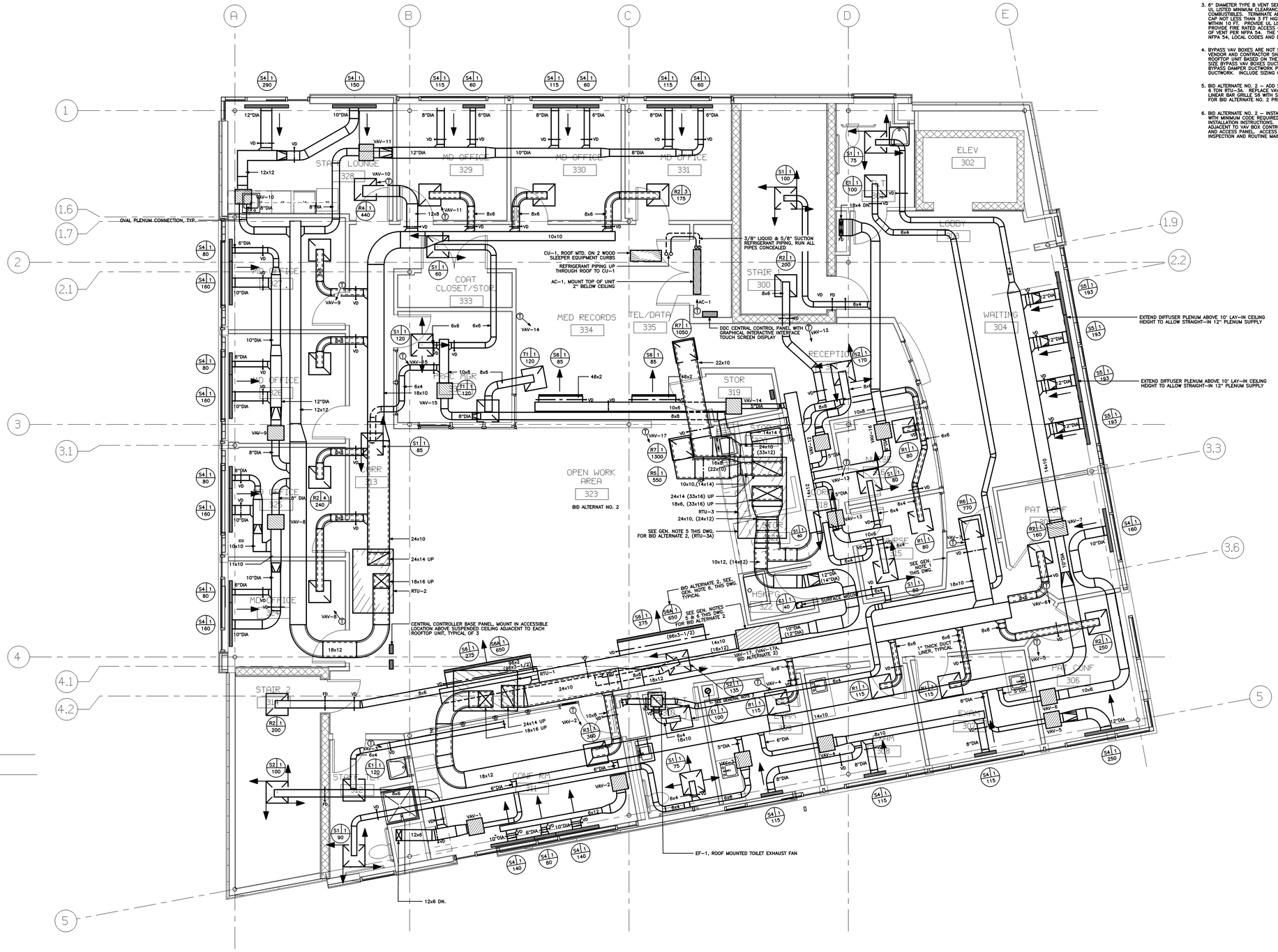



GENERAL NOTES:

1. INSTALL 16"x12" WALL MOUNTED ACCESS PANEL ABOVE CEILING ADJACENT TO BALANCING DAMPER. COORDINATE WITH BALANCING AND SHEETROCK CONTRACTOR, TYPICAL AT BALANCING DAMPERS LOCATED ABOVE GYPSUM CEILINGS.
2. RETURN AIR GRILLE CFM SHOWN FOR 100% RETURN AIR MODE. FINAL BALANCING SHALL REFLECT MINIMUM OUTSIDE AIR MODE.
3. 6" DIAMETER TYPE B VENT SERVING DUCT FURNACE DF-1. MAINTAIN UL LISTED MINIMUM CLEARANCES FROM COMBUSTIBLES AND NON-COMBUSTIBLES. TERMINATE ABOVE ROOF WITH A LISTED WHEATHER CAP NOT LESS THAN 3 FT HIGHER THAN ANY PORTION OF THE BUILDING WITHIN 10 FT. PROVIDE UL LISTED THIMBLE AT ROOF PENETRATION. PROVIDE FIRE RATED ACCESS DOOR ABOVE CEILING FOR INSPECTION OF VENT PER NFPA 54. THE VENT SYSTEM SHALL BE INSTALLED PER NFPA 54, LOCAL CODES AND DUCT FURNACE INSTALLATION INSTRUCTIONS.
4. BYPASS VAV BOXES ARE NOT SHOWN ON THE DRAWINGS. ROOFTOP UNIT VENDOR AND CONTRACTOR SHALL SIZE BYPASS DAMPER(S) AT EACH ROOFTOP UNIT BASED ON THE MANUFACTURERS SIZING RECOMMENDATIONS. SIZE BYPASS VAV BOXES DUCTWORK AT A MAXIMUM 1,200 FPM. INSULATE BYPASS DAMPER DUCTWORK PER THE SPECIFICATIONS FOR SUPPLY DUCTWORK. INCLUDE SIZING CRITERIA WITH BYPASS DAMPER(S) SUBMITTAL.
5. BID ALTERNATE NO. 2 – ADD SKYLIGHTS: REPLACE 5 TON RTU-3 WITH 6 TON RTU-3A. REPLACE VAV BOX VAV-17 WITH VAV BOX VAV-17A, REPLACE LINEAR BAR GRILLE S6 WITH S6A. DUCT SIZES SHOWN IN PERENTHESIS ARE FOR BID ALTERNATE NO. 2 PRICING.
6. BID ALTERNATE NO. 2 – INSTALL VAV 17A EQUIPED WITH ELECTRIC HEATING COIL WITH MINIMUM CODE REQUIRED CLEARANCES PER NEC. LOCAL CODES AND MFGR'S INSTALLATION INSTRUCTIONS. PROVIDE WALL MOUNTED ACCESS PANEL ABOVE CEILING ADJACENT TO VAV BOX CONTROL PANEL. COORDINATE FINAL LOCATIONS OF VAV BOX AND ACCESS PANEL. ACCESS PANEL SIZE SHALL BE SIZED TO ALLOW FOR VISUAL INSPECTION AND ROUTINE MAINTENANCE OF VAV BOX AND CONTROL PANEL.


Architects + Engineers

HARRIMAN ASSOCIATES

One Auburn Business Park
Auburn, Maine 04210
207.784.5100 tel
207.783.3877 fax
www.harriman.com

Building communities since 1970


STATE OF MAINE
CLIFTON W. GREIM
NO. 6405
REGISTERED PROFESSIONAL ENGINEER

© 2004

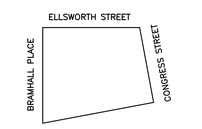
Project Title

# MAINE HEART SURGICAL ASSOC. NEW OFFICE BLDG.

PORTLAND, ME

HA Project No. 04180

Key Plan




| Mark | Date | Description |
|---|---|---|
| – | 04-28-05 | ISSUED FOR BID |
| – | 04-11-05 | 100% REVIEW |
| – | 01-10-05 | DD REVIEW |

Issue Dates

Drawing Status

Drawing Title

## THIRD FLOOR PLAN MECHANICAL

PA / PE: CG | Drawn By: KCW

Drawing Number

# M10.3

THIRD FLOOR PLAN – MECHANICAL | 1/4" = 1'-0" | • | REF: NA | M1

PLOT DATE: Apr 28 2005 08:29:47 for /h/medical/04180/h_pln001.db/m3.dr by kcwil