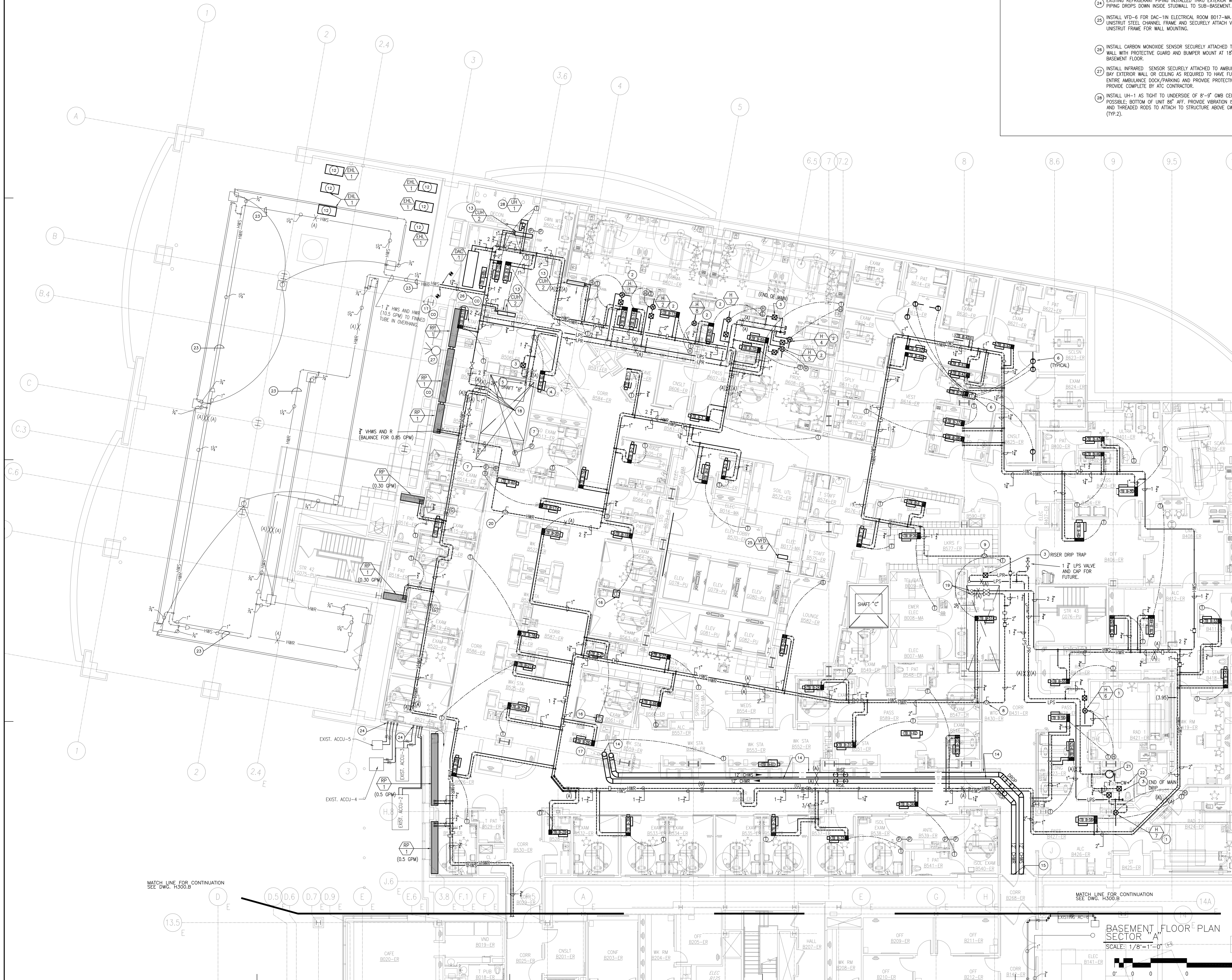


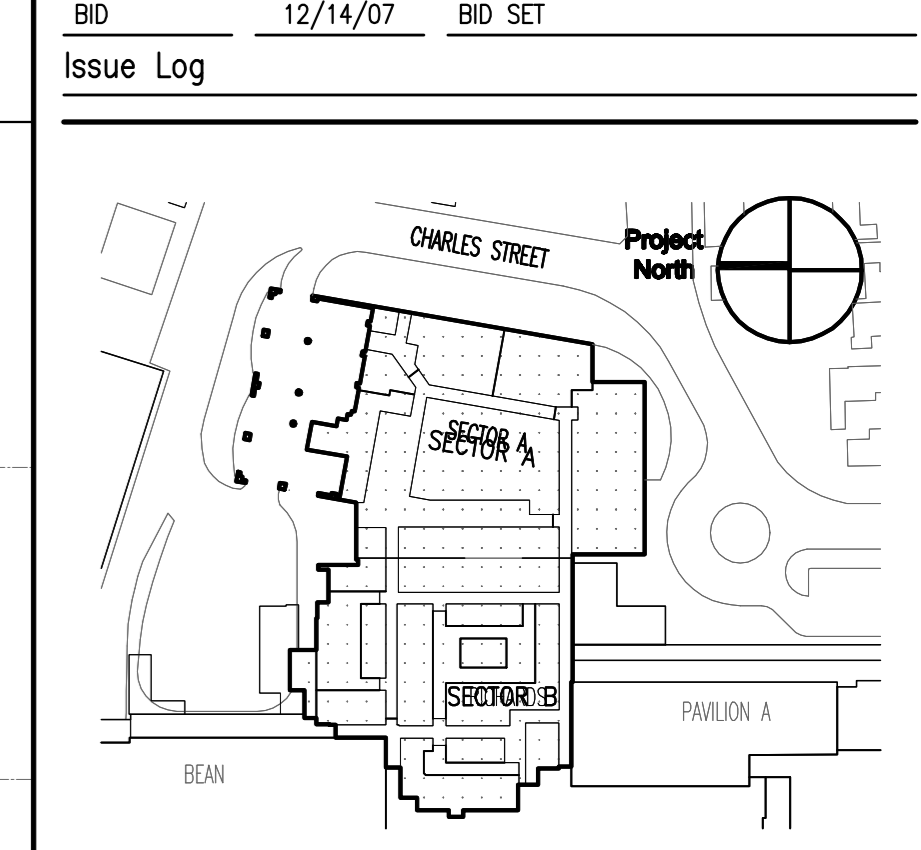
DRAWING NOTES CONT.

- (22) THIS CONTRACTOR SHALL CONNECT TO 3/4" NON-PORTABLE COLD WATER PIPING AND CARRY 3/4" COLD WATER FROM PLUMBING CONTRACTOR'S VALVED & CAPPED CONNECTION OVER TO & CONNECT TO THE CONDENSATE COOLER ABOVE TOILET ROOM B422 CEILING.
- (23) EXISTING HWS AND HWR PIPING AND FIN-TUBE RADIATION INSTALLED IN OVERHANG, UNDER BULLETIN NO. B025 OF CHARLES ST. PROJECT.
- (24) EXISTING REFRIGERANT PIPING INSTALLED THRU EXTERIOR WALL AND PIPING DROPS DOWN INSIDE STUWALL TO SUB-BASEMENT.
- (25) INSTALL VFD-6 FOR DAC-1M ELECTRICAL ROOM B017-MA. PROVIDE UNSTRUT STEEL CHANNEL FRAME AND SECURELY ATTACH VFD-6 TO UNSTRUT FRAME FOR WALL MOUNTING.
- (26) INSTALL CARBON MONOXIDE SENSOR SECURELY ATTACHED TO INSIDE WALL WITH PROTECTIVE GUARD AND BUMPER MOUNT AT 18" AFF BASEMENT FLOOR.
- (27) INSTALL INFRARED SENSOR SECURELY ATTACHED TO AMBULANCE DOCK BY EXTERIOR WALL OR CEILING AS REQUIRED TO HAVE FULL VISION OF ENTIRE AMBULANCE DOCK/PARKING AND PROVIDE PROTECTIVE GUARD. PROVIDE COMPLETE BY ATC CONTRACTOR.
- (28) INSTALL UH-1 AS TIGHT TO UNDERSIDE OF 8'-9" GWS CEILING AS POSSIBLE, BOTTOM OF UNIT 86" AFF. PROVIDE VIBRATION ISOLATORS AND THREADED RODS TO ATTACH TO STRUCTURE ABOVE GWS CEILING (TYP.2).
- (1) PROVIDE 1" LPS AND 3/4" LPR PIPING FOR HUMIDIFIER WITH 3/4" FT&T TRAP SIZED FOR 85 LBS/HR AT 1/2 PSI DIFFERENTIAL PRESSURE.
- (2) PROVIDE 3/4" LPS AND 3/4" LPR PIPING FOR HUMIDIFIER WITH 3/4" FT&T TRAP SIZED FOR 50 LBS/HR AT 1/2 PSI DIFFERENTIAL PRESSURE.
- (3) PROVIDE 3/4" FT&T TRAP END OF MAIN DRIP AND 3/4" RISER DRIP TRAP SIZED FOR 100 LBS/HR AT 1/2 PSI DIFFERENTIAL PRESSURE.
- (4) DROP 3/4" LPR PIPE DOWN IN SHAFT "B" TO SUB-BASEMENT AND RUN PIPING TO CP-6 CONDENSATE RECEIVER, SEE DWG. H403 FOR SUB-BASEMENT PART PLAN.
- (5) CONNECT 1-1/2" LPS TO 2" LPS IN SHAFT "B".
- (6) PROVIDE FOR EACH PSYCH. EXAM RM. (B612,B613,B620,B621,B624 AND SECLUSION ROOM B623) A RETURN AIR (R.A.) DUCT MOUNTED TEMPERATURE SENSOR LOCATED IN R.A. BRANCH DUCT ABOVE ACT CORRIDOR CEILING. RUN ATC CONTROL WIRING BETWEEN EACH R.A. TEMPERATURE SENSOR TO A DEDICATED DDC THERMOSTAT WITHIN CONTROL PANEL A WORK STATION RM. B618. A PERMANENT ADDRESS AND LABEL PROVIDED TO IDENTIFY WHICH ROOM EACH DDC THERMOSTAT SERVES. THE DDC THERMOSTAT SHALL HAVE LOCAL SLIDER SETPOINT ADJUSTMENT FOR STAFF TEMPERATURE ADJUSTMENT.
- (7) PROVIDE ROOM PRESSURE CONTROLLER FOR EACH ISOLATION ROOM.
- (8) 2" HWR WITH COMBINATION BALANCING VALVE/FLOW MEASURING DEVICE, BALANCE AND SET AT 33 GPM.
- (9) 1-1/2" HWR WITH COMBINATION BALANCING VALVE/FLOW MEASURING DEVICE, BALANCE AND SET AT 17 GPM.
- (10) NOT USED.
- (11) PROVIDE CARBON MONOXIDE (CO) SENSORS & INSTALL SENSORS SECURELY ATTACHED TO THE INSIDE FACE OF THE LOW EXHAUST REGISTERS WITHIN THE EXHAUST AIR STREAM FOR AMBULANCE EXHAUST SYSTEM FAN CONTROL. CONNECT THE CO SENSORS WIRING BACK TO THE DDC SYSTEM CONTROL FRONT END.
- (12) PROVIDE OVERHEAD INFRARED HEATER LAMPS WITH A CAPACITY OF 10.95 KW AT 460V/3 PH/60HZ. EACH FIXTURE SHALL NOT EXCEED DIMENSIONS OF 46" LENGTH X 22" WIDE X 10-1/2" HIGH BASED UPON AS MANUFACTURED BY FOSTORIA MIM SERIES -MODEL NO. 463-30-TH-SS WITH FTDC TIME DELAY CONTROLLER WHICH SHALL BE INSTALLED INSIDE OF AMBULANCE VEST. B501-ER (TYPICAL OF 6 FIXTURES). THE DDC CONTROL SYSTEM SHALL BE WIRED TO DISABLE THE ELECTRICAL HEATERS WHENEVER THE OUTSIDE AIR TEMPERATURE IS ABOVE 45 F (ADJUSTABLE.)
- (13) 1" HWS & HWR PIPING DROP DOWN INSIDE WALL AND RUN TO CUH.
- (14) 12" CHWS & CHWR PIPING MAINS DOWN TO SUB-BASEMENT IN SHAFT. ALL WORK REQUIRED FOR INSTALLATION OF NEW 12" CHWS & CHWR PIPING SHALL BE PRICED AND BID UNDER ADD ALTERNATE NO. 11.
- (15) 12" CHWS & CHWR PIPING TO RUN TO RICHARDS BUILDING AND PROVIDE SEISMIC EXPANSION JOINT ON PIPING AS IT PASSES THROUGH INFILL CORRIDOR B268-ER BETWEEN BUILDINGS.
- (16) PROVIDE DDC THERMOSTATS IN ROOMS B561 AND B563 WITH SECURITY TYPE TAMPERPROOF ENCLOSURE WITH SENSING HOLES, SECURITY LOCK COVER AND SECURITY TAMPERPROOF FASTENER TO WALL.
- (17) SHAFT SPACE FOR FUTURE PIPING.
- (18) CONNECT NEW 2-1/2" HWS & HWR MAINS TO HWS & HWR RISERS AT SHAFT "B" AND, CONNECT NEW 1" VHS & VHR MAINS TO VHS & VHR RISERS AT SHAFT "C".
- (19) CONNECT NEW 2-1/2" HWS & HWR MAINS TO HWS & HWR RISERS AT SHAFT "D".
- (20) 2-1/2" HWR WITH COMBINATION BALANCING VALVE/FLOW MEASURING DEVICE, BALANCE AND SET AT 62 GPM.
- (21) 1" LPR DRIP PIPE DROP DOWN & INTO CONDENSATE COOLER ABOVE CEILING OF TOILET ROOM B422. AND, RUN TEMPERED CONDENSATE PIPE FROM OUTLET OF CONDENSATE COOLER TO 1-1/2" INDIRECT WASTE RECEPTOR.



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MARK	ISSUE DATE	DESCRIPTION
A1	01/10/08	ADDENDUM NO. 1
BID	12/14/07	BID SET



TRO Jung|Brannen
 ARCHITECTURE INTERIOR DESIGN ENGINEERING MASTER PLANNING
 22 Boston Wharf Road, Boston, Massachusetts 02210
 Tel: 617.552.3400 Fax: 617.552.3402 www.trojungbrannen.com

Maine Medical Center
 ED Expansion and Renovation
 Portland, Maine MMC Project No. 21843

Drawing Title
HVAC BASEMENT PIPING PLAN-SECTOR "A"

Drawn By	DD	Commission No.	4696
Approved By	MJC	Date Issued	12/14/07

Phase / Package Number	Sheet Number
	H300.A