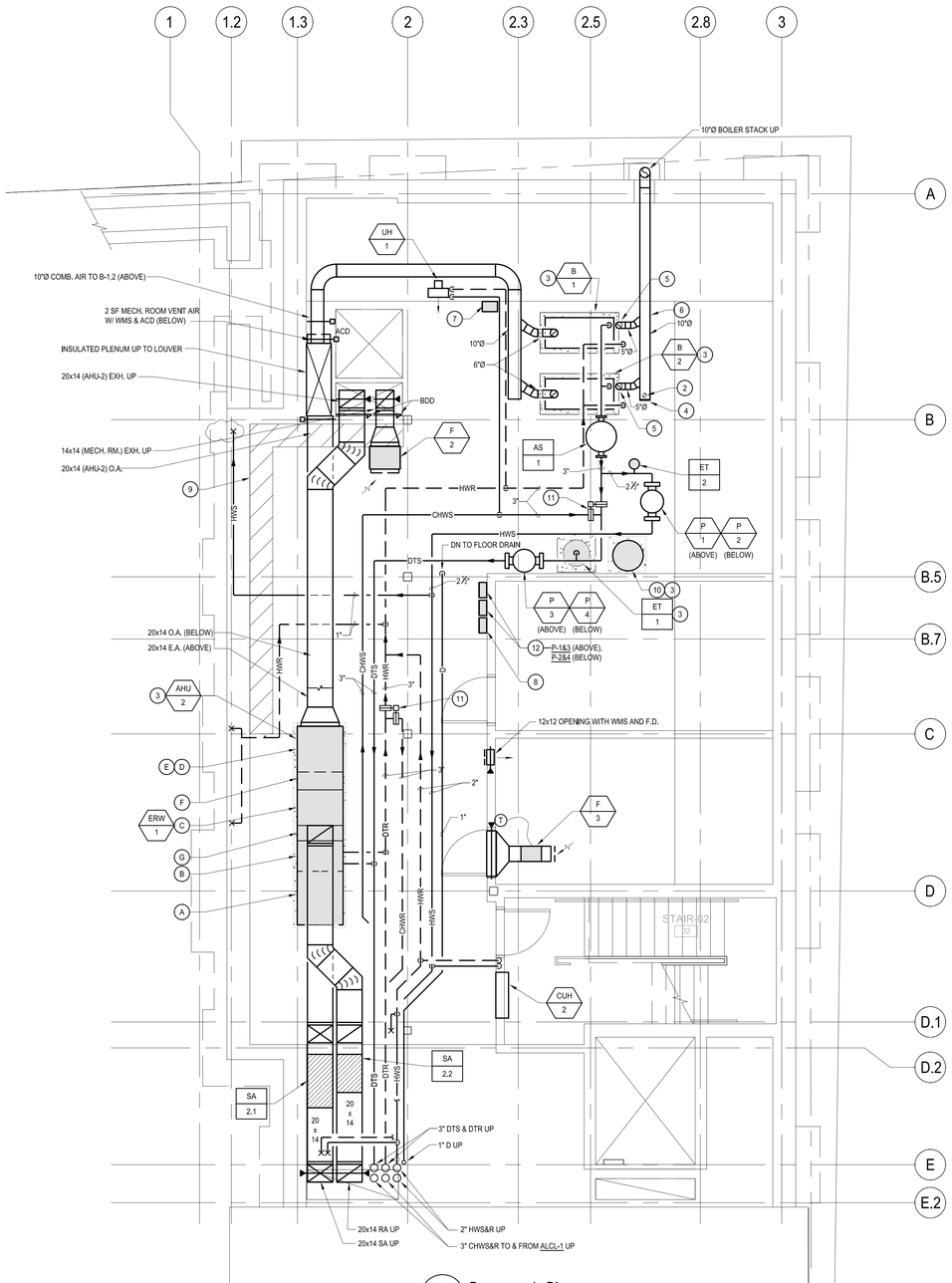


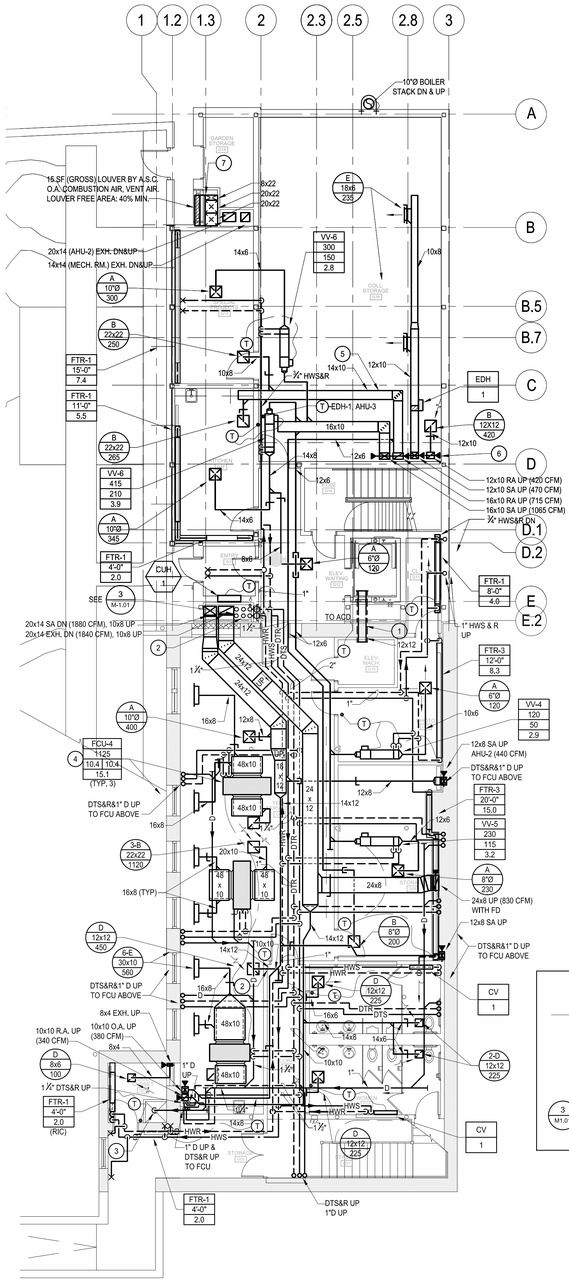
1 M1.01 **Basement Plan**
Scale: 1/4" = 1'0"

DRAWING NOTES (MECHANICAL ROOM PART PLAN):

1. DIRECT CONNECTED COMBUSTION AIR DUCT WITH AUTOMATIC CONTROL DAMPER.
2. PROVIDE 1" VALVED DRAIN IN UNDERSIDE OF BOILER BREECHING OR STACK, EXTENDED TO FLOOR DRAIN.
3. EQUIPMENT TO BE MOUNTED ON 4" HIGH CONCRETE HOUSEKEEPING PAD BY P.C.
4. CLEANOUT.
5. 5"Ø TEE-WYE CONNECTION TO BREECHING AND DN TO BOILER.
6. BOILER BREECHING, INNER DIAMETER SIZE AS INDICATED. MFGR. TO VERIFY SIZE, BASED ON LAYOUT OF ACTUAL INSTALLATION.
7. BOILER CONTROL PANEL.
8. ATC PANEL.
9. P/FP SERVICES IN THIS SPACE. COORDINATE ANY HVAC WORK IN THIS AREA WITH P/FP SUB-CONTRACTOR.
10. GLYCOL MIXING AND FEED SYSTEM, AXIOM MODEL SF100 OR EQUAL.
11. 2-WAY AUTOMATIC CONTROL VALVES FOR AUTOMATIC SWITCH OVER BETWEEN CHILLED WATER / HOT WATER FLOW THROUGH DUAL TEMPERATURE PIPING SYSTEM.
12. VARIABLE FREQUENCY DRIVE FOR INDICATED EQUIPMENT.

AIR HANDLING UNIT DESIGNATIONS

- (A) SUPPLY FAN.
- (B) DUAL TEMPERATURE WATER COIL.
- (C) HEAT RECOVERY WHEEL.
- (D) EXHAUST FAN ABOVE.
- (E) MIXING BOX BELOW.
- (F) FILTER (BELOW).
- (G) FILTER (ABOVE).



DRAWING NOTES (GARDEN FLOOR PLAN)

1. DUCT TO BE IN 2-HR RATED BLANKET.
2. OED ABOVE ACT FOR TRANSFER AIR.
3. ¾" CONDENSATE DRAIN PIPING DOWN TO OPEN-ENDED INDIRECT WASTE DISCHARGE INTO JANITOR SINK.
4. FAN COIL UNIT TO BE FURNISHED WITH CONDENSATE PUMP CP-1, LITTLE GIANT MODEL 2E-N, 70 GPH AT 40 FT.,⅓₀ HP AT 120 /1 /60.
5. INSULATE AHU-1 R.A. DUCT EXPOSED IN COLL. STOR. (G16).
6. INSTALL FD HIGH AT DECK. TYP.
7. PROVIDE FULL SIZE PLENUM AND 48x22 (OVERALL SIZE) DN WITH BAFFLED SECTIONS AS SHOWN.

2 M1.01 **Garden Floor Plan**
Scale: 1/8" = 1'0"

INDOOR DESIGN CONDITIONS BY SPACE					
ROOM		SUMMER		WINTER	
NAME	NUMBER	TEMP.(°F)	RH (%)	TEMP.(°F)	RH (%)
TECH. SERVICES	G05	65	50 MAX	65	50 MAX
SHORT TERM STORAGE	G08	75	50 MAX	72	50 MAX
SPECIAL PROJECTS	G12	72	50 MAX	72	50 MAX
COLL. STORAGE	G13	65	30-50	65	30-50
PHOTO	G08	75	50 MAX	72	50 MAX

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PROJECT
MAINE HISTORICAL SOCIETY
489 CONGRESS ST.
PORTLAND, MAINE

DATE	REVISIONS	Date	Description	Number
05/01/07	60% CD SET			
07/02/07	100% CD REVIEW SET			
07/16/07	100% CD SET			
09/7/07	REVISION 1			

Drawn By: AMM Date
Reviewed By: MWP Date
Approved By: MCS Date

DRAWING TITLE
GARDEN PLAN / GARDEN FLOOR PLAN
Scale: 1/8" = 1'-0"

DRAWING NUMBER
M1.01

Sheet 2 of 7

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THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 07/11/07 2270A0.0P (from files received on 07/11/07)
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THE FOLLOWING ARCHITECTURAL FILES WERE UPDATED ON 06/27/07 2270Site (from files received on 06/27/07)