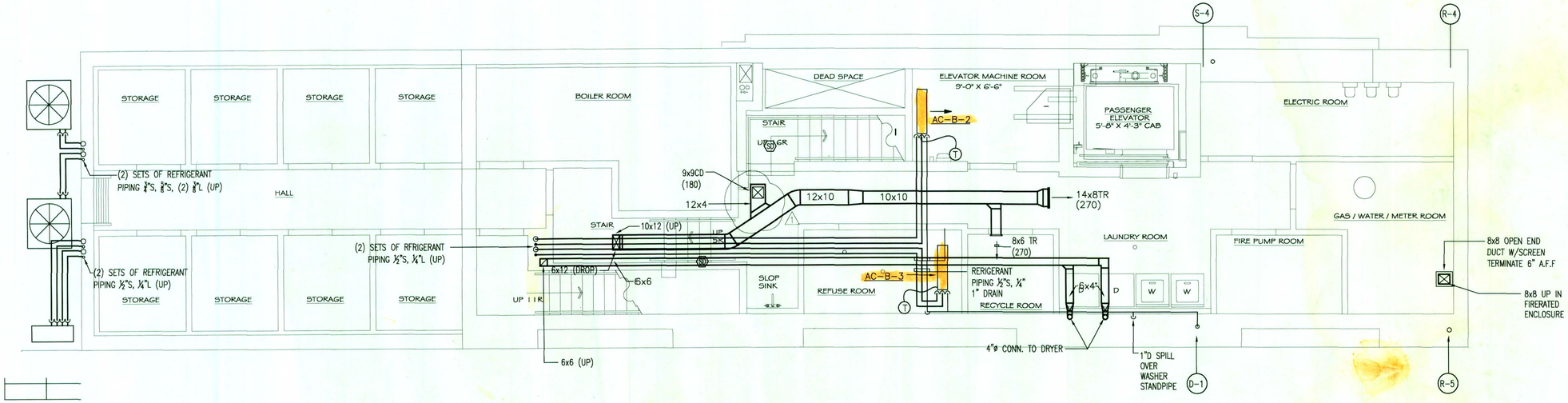

CELLAR

AIR HANDLING UNITS

TAG NO.	LOCATION	CFM	O.A.	SP	MOTOR HP	VOLTAGE	COIL ROWS	COIL FACE AREA	COIL GPM	COIL P.D.	COIL EW	COOLING TOTAL	COOLING SENS	HEATING EWT	HEATING GPM	HEATING EAT	HEATING MBH	FILTERS	MAGIC-AIRE SIZE	REMARKS
AC-2-1 THRU AC-8-1	@ EACH FL.	685	–	0.5	⅛	120-1-60	4	2.0	–	–	45	16.6	12.6	180	–	–	–	13.5x27.0	DHX-800 2 of 8	HORIZONTAL
AC-B-1	CELLAR	900	180	0.4	⅓	120-1-60	4	2.5	–	–	45	28.0	21.2	180	4.0	67	50.0	13.75x33.75	DHX-1000	HORIZONTAL
AC-1-1	FIRST FLOOR	800	80	0.4	⅓	120-1-60	4	2.0	–	–	45	21.5	16.9	180	3.0	67	38.0	13.5x27.0	DHX-800	HORIZONTAL
AC-1-1	FIRST FLOOR	800	80	0.4	⅓	120-1-60	4	2.0	–	–	45	21.5	16.9	180	–	–	–	13.5x27.0	DHX-800	

THRU-THE-WALL A.C. UNIT SCHEDULE McQUAY AS STD.

UNIT NO.	CFM	S.P.	MOTOR	MBH COOLING TOTAL	HEATING GPM	HEATING MEH	ELEC	MODEL	M.E.A.	REMARKS
PTAC-012	275	0.1	200W	12.1	–	–	208-1-60	INCREMENTAL 012	408-90-E	
PTAC-016	295	0.1	200W	16.0	–	–	208-1-60	INCREMENTAL 016	408-90-E	

BOILER LAARS-SUMMIT AS STD

TAG NO.	LOCATION	INPUT	OUTPUT	MODEL	M.E.A. No.	FUEL	MEDIUM	HP.	VENT	REMARKS
1	CELLAR	250 MBH	231 MBH	SMB 250	174-97-E VOL IV	GAS	WATER	7.9	4"	
2	CELLAR	250 MBH	231 MBH	SMB 250	174-97-E VOL IV	GAS	WATER	7.9	4"	
3	CELLAR	250 MBH	231 MBH	SMB 250	174-97-E VOL IV	GAS	WATER	7.9	4"	

RADIATION SCHEDULE GOVERNALE AS STD

TYPE	DESCRIPTION	MATERIAL	SIZE	CAPACITY	REMARKS
A	SLOPE TOP BASEBOARD 351	COPPER-ALUMINUM W/14 GA COVER	3x3¼x0.024" 48 FPI	869 BTUH/LF @ 180°F	SLANT/FIN
B	CONVECTOR TYPE F	COPPER-ALUMINUM W/14 GA COVER	36x4x32	3.9 MBH @ 180°F	GOVERNALE
C	BARE ELEMENT	COPPER-ALUMINUM W/14 GA COVER	4¼x4¼x0.020 40 FPI	1.9 MBH @ 180°F	SLANT/FIN

FAN SCHEDULE

NO.	LOCATION	CFM	E.S.P.	RPM	HP/WATTS	TYPE	SERVICE	MODEL	MANUFACTURER	REMARKS
KX-1	ROOF	2400	0.75	1140	1/4	ROOF	KITCHEN	CUE-161	GREENHECK	
TX-1	ROOF	500	0.375	1247	1/4	ROOF	TOILET	GB-081	GREENHECK	
TX-2	ROOF	350	0.500	1247	1/4	ROOF	TOILET	GB-081	GREENHECK	
CAF-1	CELLAR	300	0.250	1050	144W	IN-LINE	COMBUSTION AIR	CSP-A390	GREENHECK	
DX-1-1	FIRST FLOOR	100	0.5	2800	83W	CENTRIFUGAL	DRYERS	FX4XL	FANTECH	
SX-1,2	STAIR BULKHEAD	2000	0.5	1685	1/2	ROOF TYPE	SMOKE EXHAUST	GB-141-5X	GREENHECK	
DX-1	ROOF	350	0.5	1247	1/4	ROOF	DRYERS	GB-081	GREENHECK	

PUMP SCHEDULE BELL & GOSSETT STD

LOCATION	UNIT NO.	SERVICE	GPM	HEAD FT H_2O	MODEL	SIZE	MOTOR HP	VOLTAGE	REMARKS
CELLAR	P-1,P-2,P-3	HEATING	23	45	SERIES 60	1½"A	1	208-1-60	–
CELLAR	P-4	DWH	30	45	SERIES 60	1½"A	1	208-1-60	–

EXPANSION TANKS AMTROL AS STD

LOCATION	SERVICE	TANK VOLUME	ACCEPTANCE VOLUME	MODEL EXTROL	SIZE	REMARKS
CELLAR	P-1, P-2	20	11.5	SX40V	15x29.5	COMBO PACKAGE

CONDENSING UNIT SCHEDULE

LOCATION	UNIT NO.	SERVES	COMPRESSORS	COMPRESSOR FAN	LOW AMBIENT	VOLTAGE	E.E.R.	MODEL	MANUFACTURER	M.E.A.	REMARKS
BACK YARD	ACCU-B-2/3	AC-B-2/3	(1) @ 10.1 RLA	0.96 RLA	YES	208-1-60	13.0	MXZ-20NA	MITSUBISHI	123-06-E	SPLIT SYSTEM
BACK YARD	ACCU-B-1	AC-B-1	(1) @ 14.1 RLA	1.0 RLA	YES	208-1-60	13.0	24APA5030	CARRIER	69-06-E	SPLIT SYSTEM
BACK YARD	ACCU-1-1	AC-1-1	(1) @ 13.5 RLA	0.8 RLA	YES	208-1-60	13.0	24APA5024	CARRIER	69-06-E	SPLIT SYSTEM
IN WALL	ACC-2-1 (TYP. FOR 3-1 THRU 7-1)	AC-2-1 (TYP. FOR 3-1 THRU 7-1)	(1) @ 7.4 RLA	0.25 RLA	YES	208-1-60	10.9	NCPU-018-4010	NATIONAL COMFORT PRODUCTS	194-91-E	SPLIT SYSTEM
ROOF	ACCU-8-1	AC-8-1	(1) @ 9.0 RLA	0.5 RLA	YES	208-1-60	13.0	24APA5018	CARRIER	391-05-E	SPLIT SYSTEM
ROOF	ACCU-9-1	AC-9-1	(1) @ 13.5 RLA	0.8 RLA	YES	208-1-60	13.0	24APA5024	CARRIER		

A.C. UNIT SCHEDULE MITSUBISHI CORP. AS STD

LOCATION	UNIT NO.	CFM	S.P.	MOTOR	MBH COOLING TOTAL	MBH COOLING SENS	FILTERS	MODEL	M.E.A.	REMARKS
CELLAR	AC-B-2	400	0.1	0.7A	11.0	9.6	–	MSZ-A12NA	123-06-E	SPLIT SYSTEM
CELLAR	AC-B-3	400	0.1	0.7A	11.0	9.6	–	MSZ-A12NA	123-06-E	SPLIT SYSTEM

NOTE

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS BEING EITHER APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

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General Notes

NOTE

4 SPECS
3 ELIMINATE CITY M
2 GENERAL REVISION
1 GENERAL REVISION

No.	Revision/Issue	Date
4	ISSUED FOR PERMIT	01.22
3	CONSTRUCTION SET	10.18.
2	BID SET	10.18.06
1	ISSUED	03.20.2006

The Deuce
534 West 42nd Street
New York, NY 10036

HVAC PLAN
BASEMENT FLOOR
AND SCHEDULES

Scale 1/4"= 1'-0"
Date 10-10-2006
Drawn By REM
Sheet No. M-102