



HEAT EXCHANGER SCHEDULE

UNIT DESIGN	QTY	MANUFACTURER AND MODEL NO.	HEAT INPUT (BTU/H)	DOMESTIC WATER SUPPLY		SOLAR WATER SUPPLY		DOSE VALVE PRESSURE (PSI)	OPER. PRESS. (PSI)	UNIT DIMENSION (H x W x D)	H/UP PLATES	PERFORMANCE EFFICIENCY RATING	SYSTEM SERVED
				FLOW (GPM)	PRESS. LOSS (PSI)	FLOW (GPM)	PRESS. LOSS (PSI)						
HE-1-2 (MID-HI-ZONE) (CELLAR MECH. ROOM)	2	"ULX PLATE" F0300S-300(MPT)	1,200,000	27.3	0.7	85.2	6.1	300	62.04	11.1421x4.357	30	99	20TH - 28TH FLOOR
HE-1-2 (MID-LOW-ZONE) (CELLAR MECH. ROOM)	2	"ULX PLATE" F0300S-300(MPT)	1,200,000	27.3	0.7	85.2	6.1	300	62.04	11.1421x4.357	30	99	11TH - 18TH FLOOR
HE-1-2 (LOW-ZONE) (CELLAR MECH. ROOM)	2	"ULX PLATE" F0300S-300(MPT)	1,200,000	27.3	0.7	85.2	6.1	300	62.04	11.1421x4.357	30	99	02L-10TH FLOOR

PLUMBING PUMP SCHEDULE

UNIT DESIGN	LOCATION	EQUIPMENT OR SYSTEM SERVED	FLOW (GPM)	TOTAL HEAD (FT)	PUMP TYPE	MANUFACTURER AND MODEL NO.	QTY	MATERIALS		REMARKS
								PIPE DIA.	VALVE	
WATER DOMESTIC BOOSTER PUMP	CELLAR	DOMESTIC WATER	100	80	10	CHRYSLER WATER SYSTEMS (CHRYSLER) W-100-100	1	3"	200	VERTICAL SAMBAZIC
ELEVATOR SUMP PUMP	CELLAR	ELEVATOR PIT	10	20	10	CHRYSLER WATER SYSTEMS (CHRYSLER) W-100-100	1	3"	200	VERTICAL SAMBAZIC
DUPLEX SEWAGE EJECTOR PUMP	CELLAR	SEWER	10	10	10	CHRYSLER WATER SYSTEMS (CHRYSLER) W-100-100	1	3"	200	VERTICAL SAMBAZIC
HOT WATER CHILLER PUMP (LOW-ZONE)	MECH. ROOM	DOMESTIC HOT WATER	15	20	100	WEG & BOSTON WP-10	2	2"	150	HI-ZONE
HOT WATER CHILLER PUMP (MID-LOW-ZONE)	MECH. ROOM	DOMESTIC HOT WATER	15	20	100	WEG & BOSTON WP-10	2	2"	150	HI-ZONE
HOT WATER CHILLER PUMP (HIGH-ZONE)	MECH. ROOM	DOMESTIC HOT WATER	15	20	100	WEG & BOSTON WP-10	2	2"	150	HI-ZONE
SPRAY NOZZLE PUMP (100' / 100' X 1)	CELLAR	SPRINKLER WATER	200	15	50	FLOTECH MODEL 100-100-100	1	3"	200/150	VERTICAL SAMBAZIC
CG-000003	CG-000003	CG FOR BLDG. MECH. SYS.	1000	1.5	10	"WEG" MODEL 10-100-10-10	1	3"	150/100	PHASE "HOT" SYSTEM WATER BOOSTER
CG-000003	CG-000003	CG FOR BLDG. MECH. SYS.	800	1.5	10	"WEG" MODEL 10-100-10-10	1	3"	150/100	PHASE "HOT" SYSTEM WATER BOOSTER

NOTES ON SYMBOLS:
 1. PUMP HEAD CURVE, EFFICIENCY AND QSD-DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.
 2. PUMP HEAD CURVE, EFFICIENCY AND QSD-DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
 3. PUMP HEAD CURVE, EFFICIENCY AND QSD-DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

LEGENDS

ST	STORM WATER PIPE	FD	FLOOR DRAIN
V	VENT PIPE	GV	GATE VALVE / ISOLATING VALVE
SAN.	SANITARY PIPE	STR	STRAINER
CW	COLD WATER PIPE	LVL.	LEVEL
HW	HOT WATER PIPE	SM	SUB METER
HWR	HOT WATER RETURN	AFC	ABOVE FALSE CEILING
SPD	SUMP PUMP DISCHARGE	TFL	TANK FILL
—	VENT PIPE	TA	TO ABOVE
—	SANITARY PIPE	TB	TO BELOW
—	COLD WATER PIPE	FA	FROM ABOVE
—	STORM WATER PIPE	FB	FROM BELOW
—	HOT WATER PIPE	UP	UPWARDS
FAI	FRESH AIR INLET	DN	DOWNWARDS
IL	INVERT LEVEL	HB	HOSE BIB
BOP	BOTTOM LEVEL OF PIPE FROM FFL.		
FFL	FLOOR FINISHED LEVEL FROM FFL.		
CV	CHECK VALVE / NON RETURN VALVE		
PRV	PRESSURE REDUCING VALVE		

FLAG NOTES
 SUBMITTALS FOR HEAT EXCHANGERS, GAS METERS, SUMP PUMPS & DOMESTIC BOOSTER PUMP ARE MISSING

NOTE TO ARCHITECT OR ENGINEER

NO. DATE: DESCRIPTION:
REVISIONS

MECHANICAL CONTRACTOR:

DRAFTING COMPANY:

DRAWING TITLE:
PLUMBING CELLAR FLOOR PLAN

PROJECT INFORMATION:
230-232 EAST 54TH ST