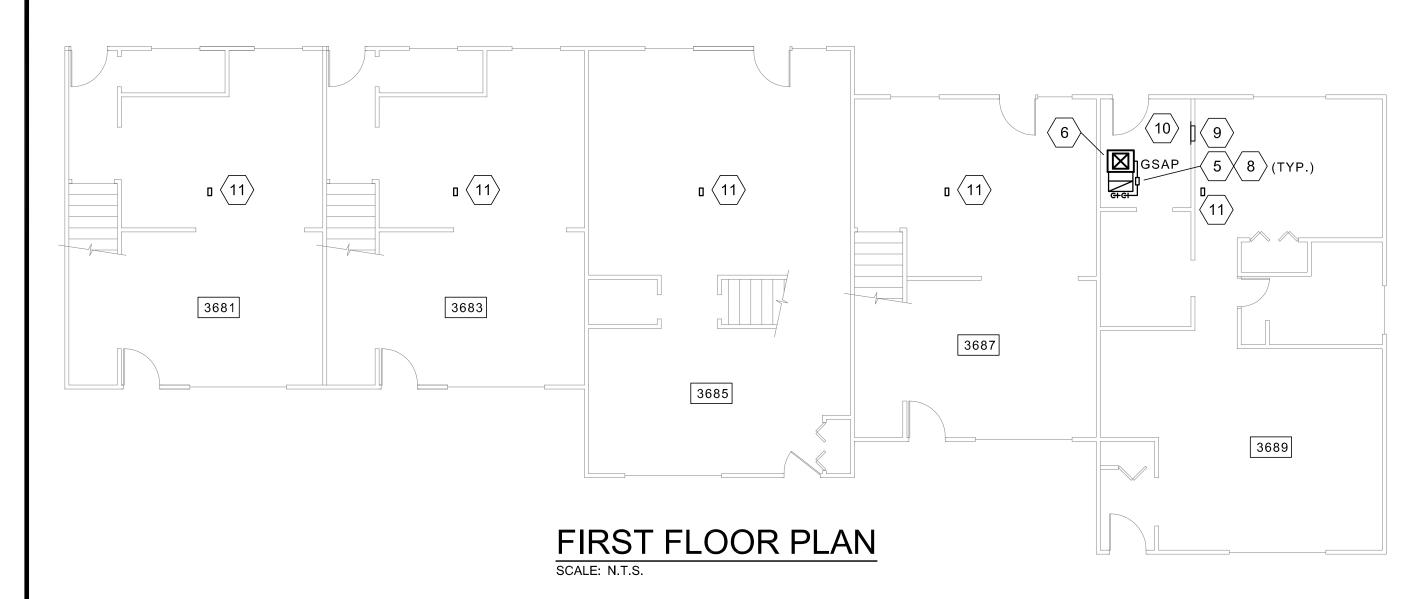


BASEMENT FLOOR PLAN





UPPER PLATT COLONIAL SITE PLAN SCALE: N.T.S.

PUMP SCHEDULE (P) CAPACITY TDH GPM (FT) DESIGN TEMP MANUFACTURER LOCATION SERVICE MODEL NO HVAC-3681 INLINE 30 SEE NOTES GLYCOL (2) UP26-99 HVAC-3683 GLYCOL (2) UP26-99 HVAC-3685 30 45/120 SEE NOTES 3685 GLYCOL (2) UP26-99 HVAC-3687 SEE NOTES GLYCOL (2) UP26-99

INFORMATION PROVIDED IS ONLY PRELIMINARY AND TO EXPRESS PROJECT INTENT. 2. CONTRACTOR TO DESIGN AND SUBMIT PUMP SELECTION INFORMATION FOR APPROVAL BEFORE PURCHASING.

25% PROP.

GLYCOL

3681 3683 3687

SECOND FLOOR PLAN

HEAT PUMP SCHEDULE																																			
AAA DIK	LOCATION	AREA SERVED	MIN OA CFM	FAN				FILTE		COOLING CAPACITY								HEATING CAPACITY							UNIT SIZE		ELECTF	RIC	OPER	MANUFACTURER	DEMARKO				
MARK	LOCATION			CFM	ESP	DIA	HP	VOLT/PH/HZ	Y TYPE	EFF %	МВН	GPM	EWT	LWT	PD	EAT (°F, DB)	EAT (°F, WB)	LAT (°F, DB)	LAT (°F, WB)	EER	МВН	EAT	LAT	EWT	LWT	HEAT KW	ER MBH	COP	L	W H	FLA VOL	T/PH/HZ	(LBS) MODEL	MODEL NO.	REMARKS
HVAC-3681	UNIT 3681	UNIT 3681	60	1200	1"	-	1/2	208-230/1/60	2" MERV 8	50%	38.0	9.0	70°	90°	3.8	80°	67°	57°	56°	17.2	28.0	68°	90°	50°	44°	10	34	3.8	26.0	21.5 47.2	5 - 208-2	230/1/60	290	BOSCH CE0351VTCFLT	SEE NOTES
HVAC-3683	UNIT 3683	UNIT 3683	45	1200	1"	-	1/2	208-230/1/60	2" MERV 8	50%	38.0	9.0	70°	90°	3.8	80°	67°	57°	56°	17.2	28.0	68°	90°	50°	44°	10	34	3.8	26.0	21.5 47.2	5 - 208-2	230/1/60	290	BOSCH CE0351VTCFLT	SEE NOTES
HVAC-3685	UNIT 3685	UNIT 3685	75	1600	1"	-	3/4	208-230/1/60	2" MERV 8	50%	49.0	12.0	70°	90°	2.9	80°	67°	57°	56°	18.7	38.0	68°	90°	50°	44°	10	34	3.6	32.75	24.0 47.2	5 - 208-2	230/1/60	318	BOSCH CE0491VTCFLT	SEE NOTES
HVAC-3687	UNIT 3687	UNIT 3687	45	1200	1"	-	1/2	208-230/1/60	2" MERV 8	50%	38.0	9.0	70°	90°	3.8	80°	67°	57°	56°	17.2	28.0	68°	90°	50°	44°	10	34	3.8	26.0	21.5 47.2	208-2	230/1/60	290	BOSCH CE0351VTCFLT	SEE NOTES
HVAC-3689	UNIT 3689	UNIT 3689	30	1200	1"	-	1/2	208-230/1/60	2" MERV 8	50%	38.0	9.0	70°	90°	3.8	80°	67°	57°	56°	17.2	28.0	68°	90°	50°	44°	10	34	3.8	26.0	21.5 47.2	208-2	230/1/60	290	BOSCH CE0351VTCFLT	SEE NOTES

PROVIDE UNIT WITH INSULATED ENCLOSURE (CLOSED CELL FROM INSULATION), FRONT ACCESS, AIR AND WATER FREEZE PROTECTION, TRANSFORMER (75VA), SOFT START, SMOKE DETECTOR, SUPPLEMENTAL ELECTRIC HEATER, AND 10 YEAR WARRANTY ON PARTS AND LABOR. 2. CONTRACTOR TO SUBMIT EQUIPMENT SELECTION INFORMATION FOR APPROVAL BEFORE PURCHASING.

GENERAL NOTES:

1. SEE GENERAL NOTES ON TITLE SHEET.

KEY NOTES:

- \langle 1 \rangle PRIOR TO STARTING ANY SITE WORK CONTRACTOR TO CONTACT "MISS DIG" AND VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND PIPING.
- 2 PRELIMINARY/PROPOSED BOREHOLE LOCATIONS. FINAL BOREHOLE LOCATIONS TO BE DETERMINED BY CONTRACTOR AND APPROVED BY OWNER ONCE LOCATIONS OF UNDERGROUND UTILITIES AND PIPING HAVE BEEN VERIFIED.
- PRELIMINARY ROUTING OF UNDERGROUND PIPING. CONTRACTOR TO VERIFY ROUTING BASED ON LOCATIONS OF UNDERGROUND UTILITIES.
- 4 ROUTE PIPING THROUGH BASEMENT CEILING AND THEN DOWN TO FLOW CENTER NEXT TO GSHP UNIT.
- \langle 5 \rangle INSTALL FLOW CENTER NEXT TO GSHP. CONTRACTOR TO SUPPLY
- SUPPORTS AS REQUIRED. 6 SPACE IS LIMITED IN UNIT #3689. ALL EQUIPMENT SHALL BE INSTALLED IN SAME FOOT PRINT AS EXISTING EQUIPMENT.
- 7 PIPING TO PENETRATE WALL ABOVE GRADE. CONTRACTOR TO INSTALL WALL SLEEVE PER DETAIL ON DRAWING \$2.0 AND SEAL WATER TIGHT WITH LINKSEAL.
- \langle 8 \rangle insulate all piping per specifications.
- (9) EXISTING SURFACE MOUNTED ELECTRICAL PANEL (100 AMPS)
- $\langle 10 \rangle$ REWORK EXISTING RETURN AIR DUCT AS REQUIRED TO INSTALL LONG RADIUS ELBOW OR TURNING VANES PER MANUFACTURER'S RECOMMENDATIONS. ALSO INSTALL FLEX CONNECTOR ON RETURN AIR DUCT.
- (11) CONTRACTOR TO PROVIDE AND INSTALL NEW THERMOSTAT (ECO-BEE) FOR HEAT PUMP. SEE SITE ENGINEER FOR MOUNTING
- (12) CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REINSTALLATION OF ALL SIDEWALKS BACK TO PRE CONSTRUCTION CONDITION.

LEGEND:

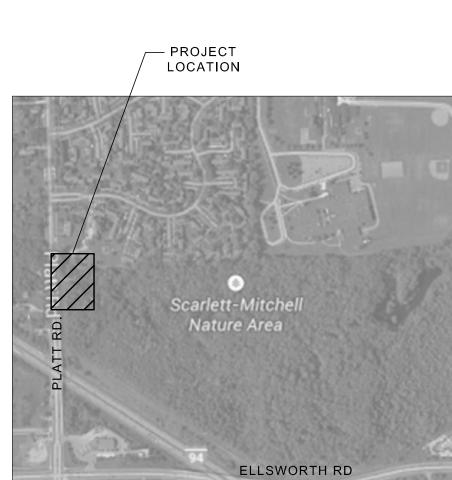
- BOREHOLE (PRELIMINARY LOCATION)
- AIR FLOW
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- DIAMETER

GRUNDROS

(2) UP26-99

SEE NOTES

- FIRST FLOOR/ SECOND FLOOR
- ELECTRICAL PANEL (RECESSED)
- ELECTRICAL PANEL (SURFACE MOUNTED).







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THE ART OF ENGINEERING

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B ISSUED FOR BIDS 8/20/14 7/22/14 A REVIEW /\ REVISION DATE PLOT DATE: 08/21/2014 9:40 AM DRAWN BY: DWN

DWN

REVIEWED BY: PROJECT MANAGER:

MECHANICAL

UPPER PLATT COLONIAL

SITE PLAN

