

Architectural Consultant
BEYER BLINDER BELLE ARCHITECTS & PLANNERS
120 BROADWAY, 20TH FLOOR, NEW YORK, NY 10271
BEYER BLINDER BELLE

Structural Consultant
THORNTON TOMASETTI
120 BROADWAY, 15TH FLOOR, NEW YORK, NY 10271
Thornton Tomasetti

MEP / FP / IT Consultant
LANDMARKS FACILITIES GROUP
232 EAST AVENUE, NORWALK, CT 06855
LFG

Civil Consultant
CMA CONSULTING, INC.
2 WINDERS CIRCLE, PO BOX 5289, ALBANY, NY 12205
CMA

Landscape Consultant
RHODESIDE HARNWELL LANDSCAPE ARCHITECTURE
341 WEST 36TH STREET, SUITE 1201, NEW YORK, NY 10018
RH

Lighting Consultant
HLB LIGHTING
38 EAST 32ND STREET, 11TH FLOOR, NEW YORK, NY 10016
HLB

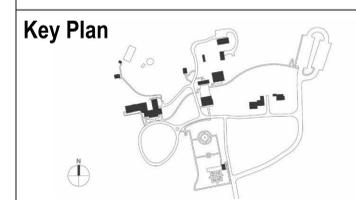
Signage Consultant
LVCK - A BEYER BLINDER BELLE STUDIO
120 BROADWAY, 20TH FLOOR, NEW YORK, NY 10271
LVCK

NYS OPRHP Taconic Region
9 Old Post Rd, PO Box 308
Staatsburg, NY 12580
(845) 889 - 4100

Regional Director: Linda Cooper
Capital District Manager: Garrett Jobson

Project Title:
John Jay Homestead Site And Building Enhancements

Project Location:
400 Jay Street
Katonah NY 10536



REVISIONS

Rev No	Description	Date

Drawn By: LFG
Design By: LFG
Checked By: LFG
Approved By: LFG
DATE: 07/10/24
Sheet Title



Drawing Number
M-170

* COACHMAN'S HOUSE MECHANICAL PLANS AND SCHEDULES

Project Number: TA-JJ-2023-001
Sheet: 253 of 327

GROUND WATER PUMP SCHEDULE

MARK	TYPE	DESIGNATION	MFR	MODEL	PUMP				ELECTRICAL		WATER		REMARKS	
					RPM	MATERIAL	IMPELLER DIA	WEIGHT LBS	MOTOR HP	EFF %	VOLT/PH/Hz	GPM		HEAD (FT.H2O)
GWP-2A, -2B	SelfSensing End Suction Pump	WTAHP-C-1, -C-2	TACO	SF11509D-A-4P-PD	1760	Iron	7.5	365	3.0	48.0	208/3/60	40	58	1, 2

REMARKS:
1) Provide Franklin model BA5 Variable Frequency Drive. Refer to pump detail for additional information.
2) Provide Taco Suction Diffuser with Strainer.
3) PUMPS TO OPERATE LEAD/LAG
4) 30% Glycol

EXPANSION TANK SCHEDULE

MARK	TYPE	DESIGNATION	MFR	MODEL	TANK				REMARKS		
					VOLUME GAL.	MAX. ACCEPT. VAL. GAL.	DIA INCH	HEIGHT INCH		CONN. SIZE INCH	WEIGHT LBS
ET-2	DIAPHRAGM	GW SYSTEM	AMTROL	CA450-125	119.0	-	24.0	77.3	1-1/2	400	

REMARKS:

AIR SEPARATOR SCHEDULE

MARK	TYPE	DESIGNATION	MFR	MODEL	UNIT				REMARKS		
					SURF. AREA SQ. FT.	FLOW GPM	DIA INCH	HEIGHT INCH		PIPE SIZE INCH	WEIGHT LBS
AS-2	Air / Dirt Separator	GW Loop	TACO	4902ADH-125	129.5	40.0	12.0	32.0	2	100	1

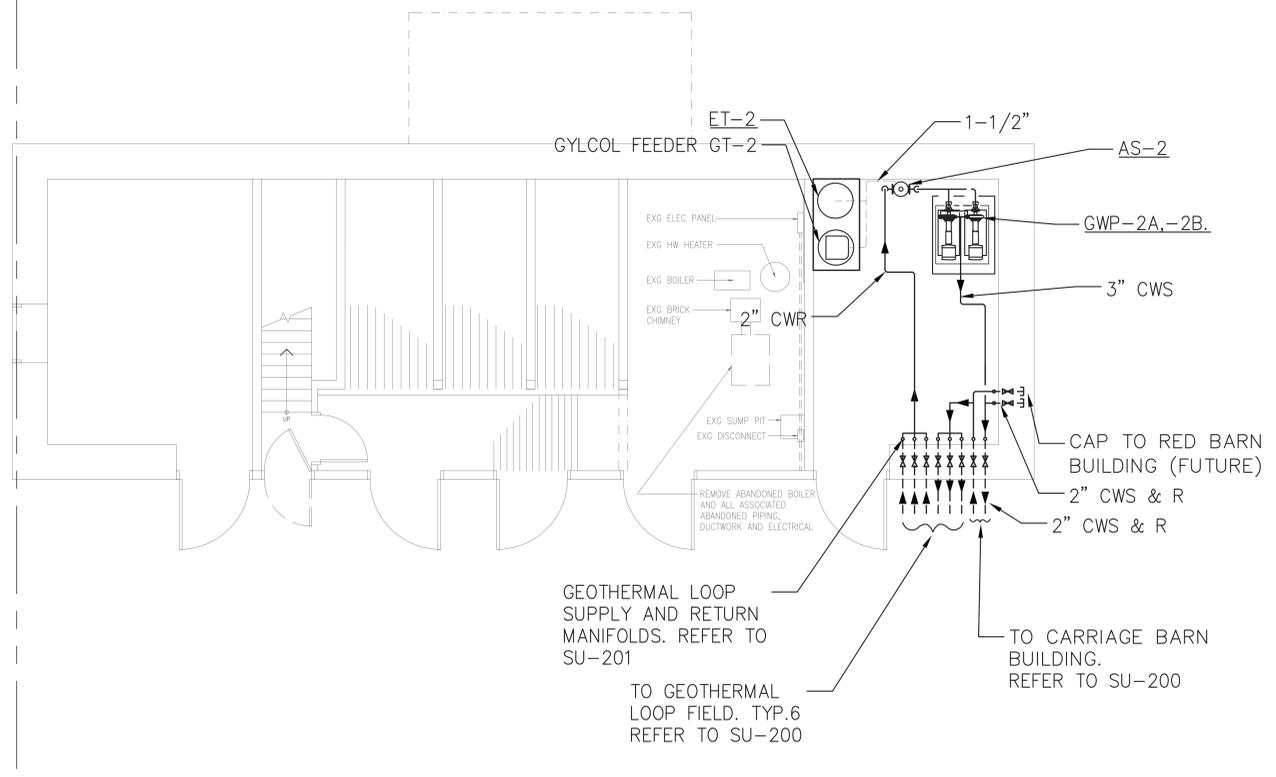
REMARKS:
1) PROVIDE UNIT WITH 304 S.S. COALESCENCE PALL RINGS and CL300 flange connection and support.

GLYCOL FEEDER SCHEDULE

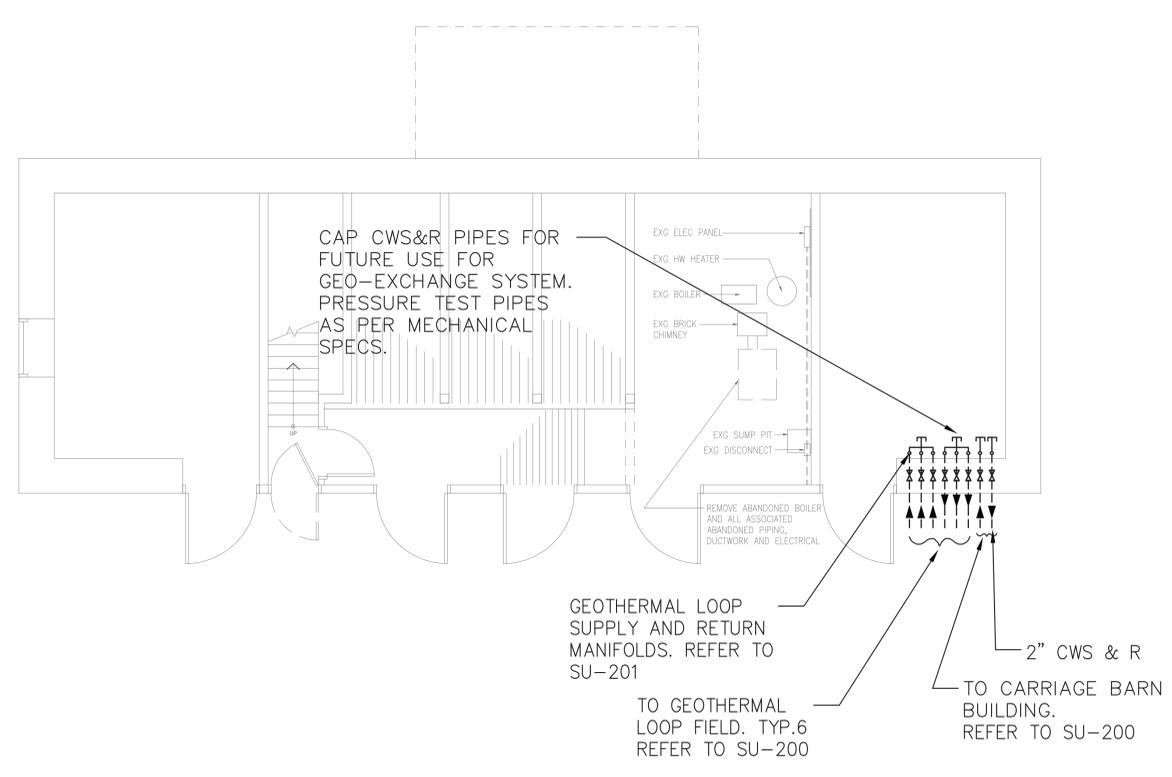
MARK	TYPE	DESIGNATION	MFR	MODEL	PUMP				ELECTRICAL		WATER		REMARKS
					RPM	MATERIAL	Tank GAL	WEIGHT LBS	Amps	VOLT/PH/Hz	GPM	@ PSIG	
GT-2	Glycol Feed Tank Unit	GEOEXCH System	AXIOM	SF100	3500	Iron	55	35	0.7	115/60/1	1	50	1, 2

REMARKS:
1) Provide RIA10-1-SAA Low Level Alarm
2) Provide 2 PRV - 2nd Pressure Reducing Valve, Pressure Gauge Kit

1 M-170 ALTERNATE 1 - MECHANICAL SCHEDULES - COACHMAN HOUSE
SCALE: N.T.S.



2 M-170 ALTERNATE 1 - PROPOSED MECHANICAL PLAN - LOWER LEVEL
SCALE: 1/4"=1'-0"



3 M-170 BASE BID - PROPOSED MECHANICAL PLAN - LOWER LEVEL
SCALE: 1/4"=1'-0"