

LEGEND:

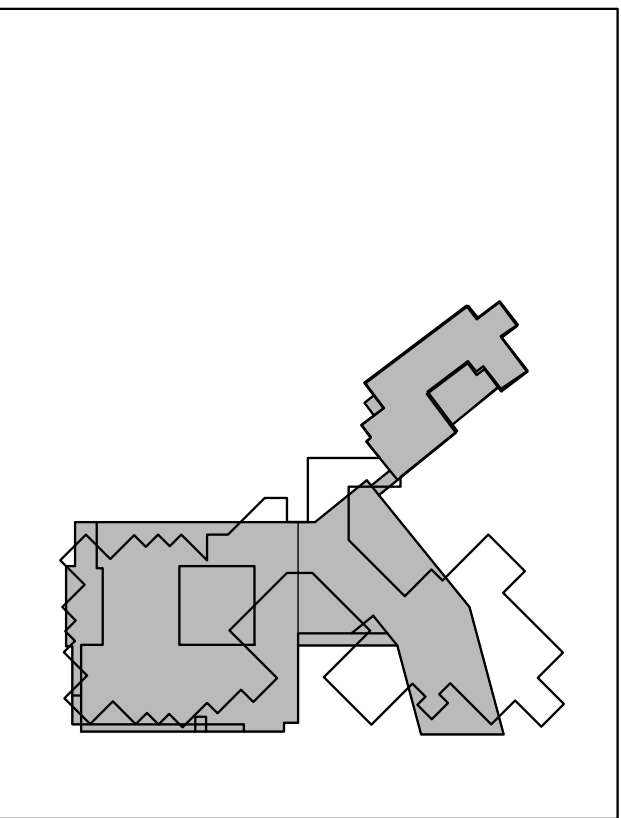
- 6-8 DESIGNATION OF GEOTHERMAL LOOP
- GT-1 DESIGNATION OF GEOTHERMAL TEST LOOP
- GEOTHERMAL VAULT (TYP.)
- SUPPLY-RETURN CIRCUIT SET
REFER TO TYPICAL CIRCUIT LAYOUT DETAIL ON SHEET GT-200
- 10" SUPPLY-RETURN MAIN LINE

NOTES:

- EXISTING CONDITIONS PLAN USED FOR THIS GEOTHERMAL FIELD PIPING LAYOUT FROM DRAWING "2201216-EC-1-2023-1018.dwg" PROVIDED BY MDS ARCHITECTS, INC. ON 11/08/2023.
- PROPOSED SITE FEATURES AND BUILDING LAYOUT ARE FOR REFERENCE ONLY.
- VERTICAL LOOP RELATIVE LOCATIONS SHOWN, WITH 20FT SPACING BETWEEN LOOPS.
- LOOPS ARE LABELED "X-Y" WHERE X = CIRCUIT NUMBER, Y = LOOP NUMBER IN CIRCUIT.
- LOOP LOCATIONS SHOWN ON SITE ARE APPROXIMATE, SEE SITE PLAN DRAWINGS FOR APPROVED FINAL LOCATIONS AND OTHER FEATURES.
- LOCATIONS OF VERTICAL LOOPS MUST BE STAKED AND APPROVED BY SITE CONTRACTOR PRIOR TO DRILLING BY GEOTHERMAL CONTRACTOR.
- SEE SPECIFICATION SECTION 33 23 13 FOR REQUIRED INSULATION BETWEEN GEOTHERMAL HDPE AND STORM/SEWER CONDUITS.
- VAULT MANWAY MUST HAVE H20 LOAD RATED COVER OVER THE HDPE ACCESS PORT.
- CHANGE IN PIPING CONFIGURATION AND LAYOUT FOR ANY REASON DURING THE CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS AND MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- EACH LOOP WILL BE CONNECTED TO ONE SUPPLY AND ONE RETURN BRANCH AS SHOWN ON THE DRAWINGS. ADJOINING LOOPS SHALL BE SPACED AT A MINIMUM OF 20 FEET FROM EACH ADJACENT LOOP. THE LOCATION OF THE EXISTING GEOTHERMAL TEST LOOP SHALL BE VERIFIED BY THE GEOTHERMAL CONTRACTOR.
- THE GEOTHERMAL CONTRACTOR SHALL CONTACT THE APPROPRIATE PERSONNEL TO IDENTIFY ALL UNDERGROUND UTILITIES AND MARK THEIR LOCATIONS PRIOR TO ANY EXCAVATION OR DRILLING. THERE IS THE POSSIBILITY THAT UNDERGROUND UTILITIES MAY BE IN THE WAY OF TRENCHES OR BOREHOLES. IT IS THE RESPONSIBILITY OF THE GEOTHERMAL CONTRACTOR TO RESTORE UNDERGROUND UTILITIES TO THEIR ORIGINAL CONDITION.
- THE PIPING AND CONNECTIONS SHOWN ON THE DRAWINGS SHALL BE TAKEN IN A SENSE AS DIAGRAMMATIC. ALL PIPING, THE LOCATIONS OF GEOTHERMAL WELLS AND VAULTS SHOWN ON THE DRAWINGS ARE INTENDED TO BE APPROXIMATELY CORRECT TO SCALE, BUT FIGURED DIMENSIONS AND DETAILED DRAWINGS OF THE ACTUAL EQUIPMENT FURNISHED SHALL BE FOLLOWED IN EVERY CASE.
- ALL HDPE PIPING MUST BE BURIED A MINIMUM 5FT BELOW FINISHED GRADE. REFER TO SITE GRADING PLAN FOR FINISHED GRADE.

TOWN OF
BROOKLINE
PIERCE SCHOOL

50 SCHOOL STREET
BROOKLINE, MA 02445



0 20 40
SCALE, FEET

MDS
ARCHITECTS

GEI
Consultants
GEI CONSULTANTS, INC.
400 UNCOMMON PARK DRIVE
WOBURN, MA 01801
(781)721-4000

Project Status:	100% Design Development
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Drawn By:	P. Clingen
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Revisions	No.	Date	Description

GEOTHERMAL LOOP FIELD
LAYOUT

GT-100