

**GEOTHERMAL TEST BORE DATA**

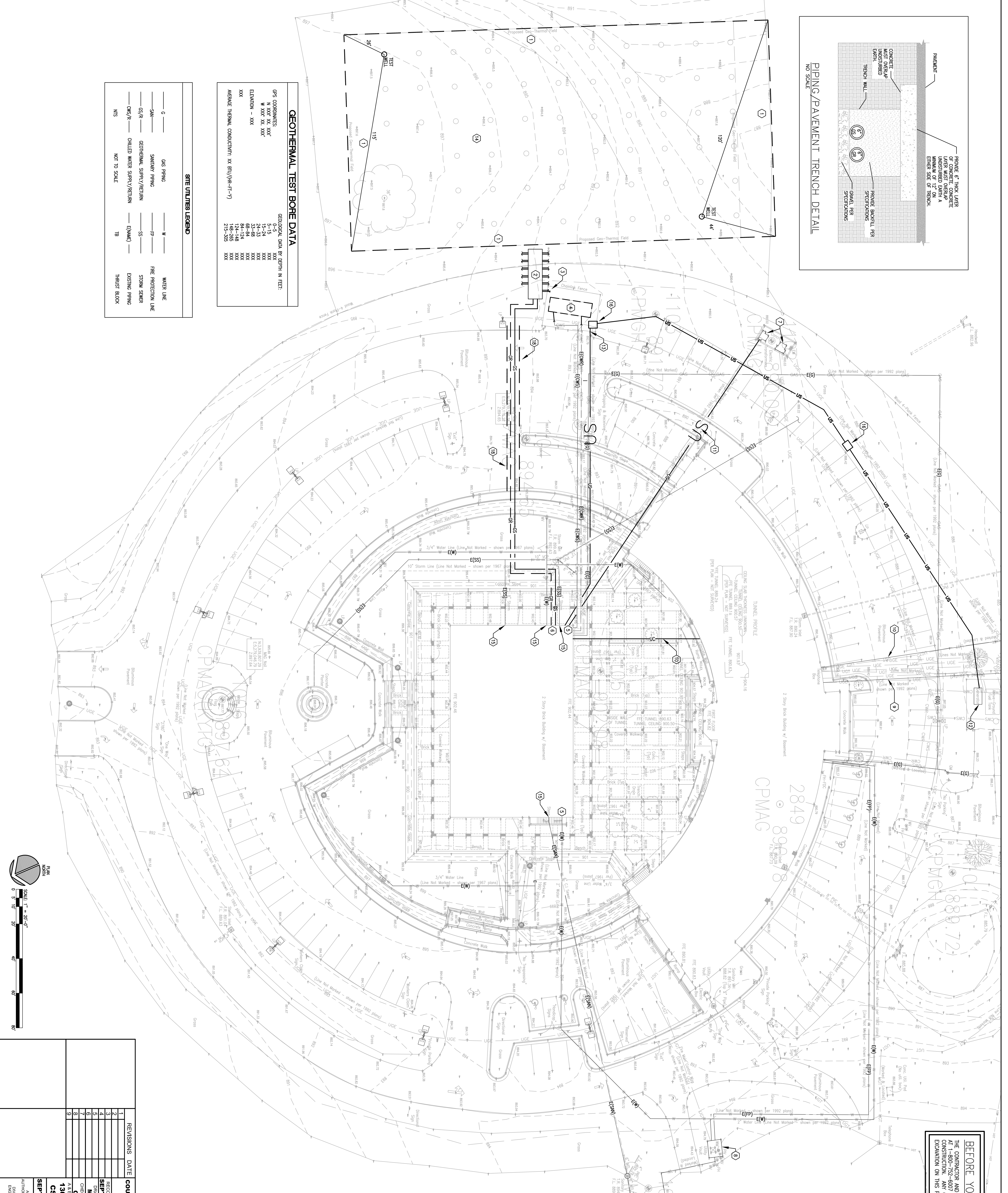
GEOLOGICAL DATA BY DEPTH IN FEET:

0-5	XXX
5-15	XXX
15-24	XXX
24-33	XXX
33-44	XXX
44-54	XXX
54-64	XXX
64-74	XXX
74-85	XXX
85-95	XXX
95-105	XXX
105-115	XXX
115-125	XXX
125-135	XXX
135-145	XXX
145-155	XXX
155-165	XXX
165-175	XXX
175-185	XXX
185-195	XXX
195-205	XXX
205-215	XXX
215-225	XXX
225-235	XXX
235-245	XXX
245-255	XXX
255-265	XXX
265-275	XXX
275-285	XXX
285-295	XXX
295-305	XXX

AVERAGE THERMAL CONDUCTIVITY: X, BTU/(HR-FT-°F)

**SITE UTILITIES LEGEND**

0	GAS PIPING	W	WATER LINE
SM	SANITARY PIPING	FP	FIRE PROTECTION LINE
GS/R	GEOTHERMAL SUPPLY/RETURN	SS	STORM SEWER
OWS/R	CHILDREN WATER SUPPLY/RETURN	EWMS	EXISTING PIPING
NIS	NOT TO SCALE	TB	THREAT BLOCK



**BEFORE YOU DIG!**

THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONTACT "800 (BEFORE YOU DIG)" AT 1-800-752-6007 TO OBTAIN UNDERGROUND UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. ANY CONTRACTOR OR SUBCONTRACTOR PERFORMING ANY TYPE OF EXCAVATION ON THIS PROJECT SHALL OBTAIN AN ADMINISTRATION NUMBER.

- NOTED NOTES:**
1. GEOTHERMAL WELL FIELD, 80 WELLS, 20 FT ON CENTER, 300 FEET DEEP.
  2. GEOTHERMAL VAULT.
  3. REMOVE EXISTING PIPING FROM VAULT FOR FUTURE CONNECTION.
  4. REMOVE EXISTING CHUTE, PAD AND FENCE ENCLOSURE FOR PIPING REPAIR WORK.
  5. REFER TO BASEMENT MECHANICAL RENOVATION PLAN FOR CONNECTIONS.
  6. REFER TO MECHANICAL NEW WORK BASEMENT PLAN FOR CONNECTIONS.
  7. EXISTING TRANSFORMERS TO REMAIN.
  8. EXISTING WATER VAULT TO REMAIN.
  9. EXISTING WINDSTREAM TELEPHONE TO REMAIN.
  10. EXISTING STATE-OWNED FIBER AND COPPER TO REMAIN.
  11. EXISTING ELECTRICAL SERVICE CONDUIT TO REMAIN. REMOVE AND REPLACE SERVICE CABLE PER RISER DRAWING.
  12. EXISTING SERVICE GENERATORS. PROVIDE NEW FEEDERS TO CONFERENCE BUILDING AND REUSE BREAKERS PER RISER DRAWING.
  13. REMOVE FEEDER FOR CHILDER. REUSE CONDUIT FOR GENERATOR CIRCUIT.
  14. ALL TRUNKS, PIPING, AND WELLS SHALL BE KEPT OUT OF THE GRP LINE OF ANY TREES. WELLED APPROXIMATELY 245 FT BY 125 FT.
  15. REFER TO PLUMBING NEW WORK BASEMENT FLOOR PLAN FOR CONNECTIONS OF WATER LINES.
  16. PROVIDE 3"X3" PRECAST HANDHOLE.
  17. EXISTING COMMUNICATION CONDUIT TO REMAIN. REMOVE AND REPLACE CABLE PER SYSTEMS PLANS AND RISER.
  18. PROVIDE CONCRETE OVERLAP AS INDICATED UNDER PAVED AREA. REFER TO PIPING/PAYEMENT TRENCH DETAIL, THIS SHEET.

REVISIONS	DATE	DESCRIPTION
1		
2		
3		
4		
5		
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7		
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9		

**COUNCIL OF STATE GOVERNMENTS - HEADQUARTERS BUILDING**

2870 RESEARCH PARK DRIVE, LEICESTER, KY 40504

RECORD DATE	SEPT. 2013	DRAWING NO.	U-1.0
DESIGNED BY	MCW	ENGINEER	CSG13
CHECKED BY	MCW	DATE	SEPT. 2013
IN CHARGE	CSG13		
A & E FILE NO.	1302.00		
PROJECT NO.	CSG13		
AGENCY	APPROVED FOR PROVISIONAL CONCEPT ONLY	DATE	
APPROVED BY	APPROVED FOR PROVISIONAL CONCEPT ONLY	DATE	

REVIEWED BY: SVS, SP, BR/SMS

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