



LEGEND

- Topsoil
- Bituminous Concrete Pavement
- Dense Graded Aggregate
- Fill: Clay, brown with limestone gravel and wood debris, damp, medium stiff
- Clay with chert fragments, dark brown to brown becoming yellowish brown with depth, moist to wet, medium stiff to stiff
- Limestone; light gray to gray, fine to medium crystalline grained, hard, interbedded with shale; gray, calcareous, moderately hard
- B.C. Begin Core
- RQD Rock Quality Designation(%)
- REC Recovery(%)
- T.O.R. Top of Rock

LOGS OF BORINGS
SCALE: 1" = 5'(VERT.)

SOIL SUMMARY

SAMPLER NO.	COMPOSITE
STATION	
DEPTH	
GRAVEL(-3" + No.4)	6
SAND(-No.4 + No.200)	16
SILT(-No.200 + 0.005mm)	32
CLAY(-0.005mm)	46
LIQUID LIMIT	55
PLASTIC LIMIT	25
PLASTICITY INDEX	30
ACTIVITY INDEX	0.7
SPECIFIC GRAVITY	2.75
ASTM CLASSIFICATION	A-7-B(24)
UNIFIED CLASSIFICATION	OH
CALIF BEARING RATIO	-
MAXIMUM DRY DENSITY (pcf)	103.3
OPTIMUM MOISTURE (%)	22.2

ALBERT B. CHANDLER MEDICAL CENTER UNIVERSITY OF KENTUCKY HOSPITAL EXPANSION & RENOVATION



FULLER, MOSSBARGER, SCOTT & MAY
CIVIL ENGINEERS, INC.
 135 LEBSTOWN ROAD, LEXINGTON, KENTUCKY
 271 E. MAIN STREET, HAZARD, KENTUCKY

OMNI/CMW Joint Venture Architects
 In Association with Hellmuth, Obata & Kassabaum
 2355 Harrodsburg Road, Lexington, KY 40504 Ph 606-223-3345
 326 S. Broadway, Lexington, KY 40508 Ph 606-254-6563

University of Kentucky
 Design & Construction
 Approval

Director

Date: _____
 Drawn by: _____
 Check by: _____
 Revisions: _____