

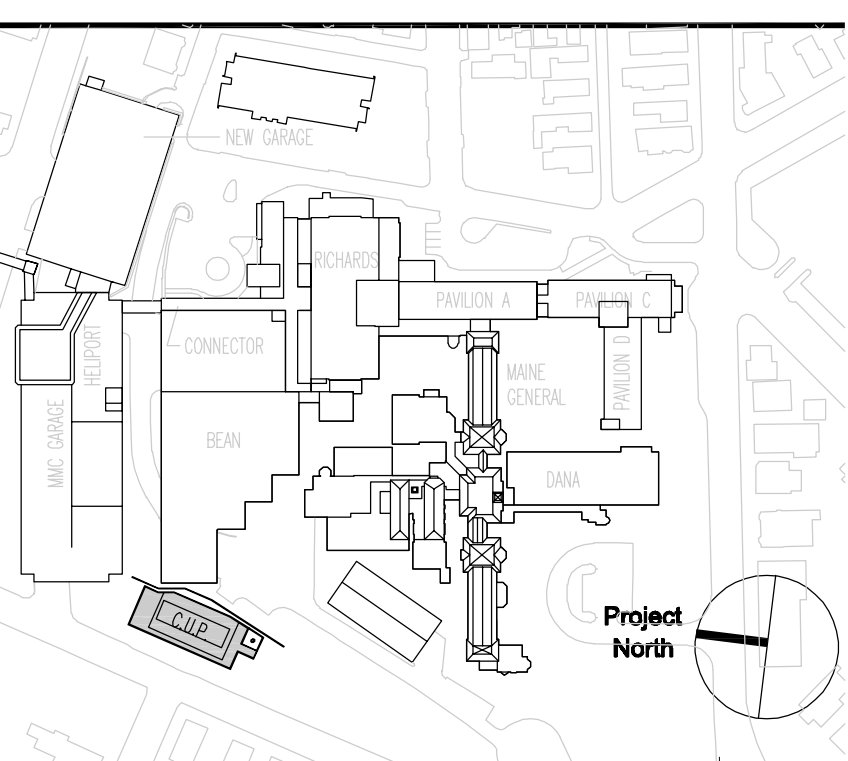
ASSUMED DESIGN PARAMETERS
 FOR FILL LAYER:
 FRICTION ANGLE, $\phi=35^\circ$
 WET UNIT WEIGHT, $\gamma_{wet}=132$ PCF
 SATURATED UNIT WEIGHT, $\gamma_{sat}=144$ PCF
 MAX WALL HEIGHT, $H=37$ FT.
 USE DRAINED CONDITIONS, γ_{we1} AND NO HYDROSTATIC PRESSURE
 ACTIVE APPARENT EARTH PRESSURE COEFF, $K_a=0.271$
 TOTAL SEISMIC FORCE, $P=0.0451W$

1 DESIGN SOIL AND SURCHARGE PRESSURES ON WALL
 1/4" = 1'-0"

SGH
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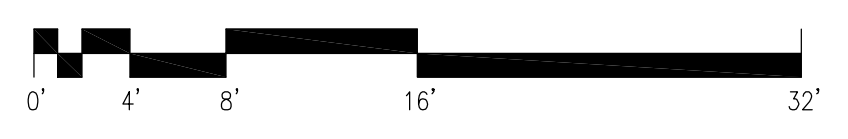
PERMIT 09/24/04 PERMIT SET - NOT FOR CONSTRUCTION
 Issue Log



TRO
 ARCHITECTURAL
 PLANNING
 ENGINEERING
 INTERIOR DESIGN
 The Ritchie Organization
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Maine Medical Center
 Central Utility Plant
 Portland, Maine

Drawing Title
**CENTRAL UTILITY PLANT (CUP)
 EARTH RETENTION SYSTEM
 DESIGN LOADS**



Commission No. 4677 Date Issued 24 SEPTEMBER 2004
 Scale AS NOTED Sheet Number
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