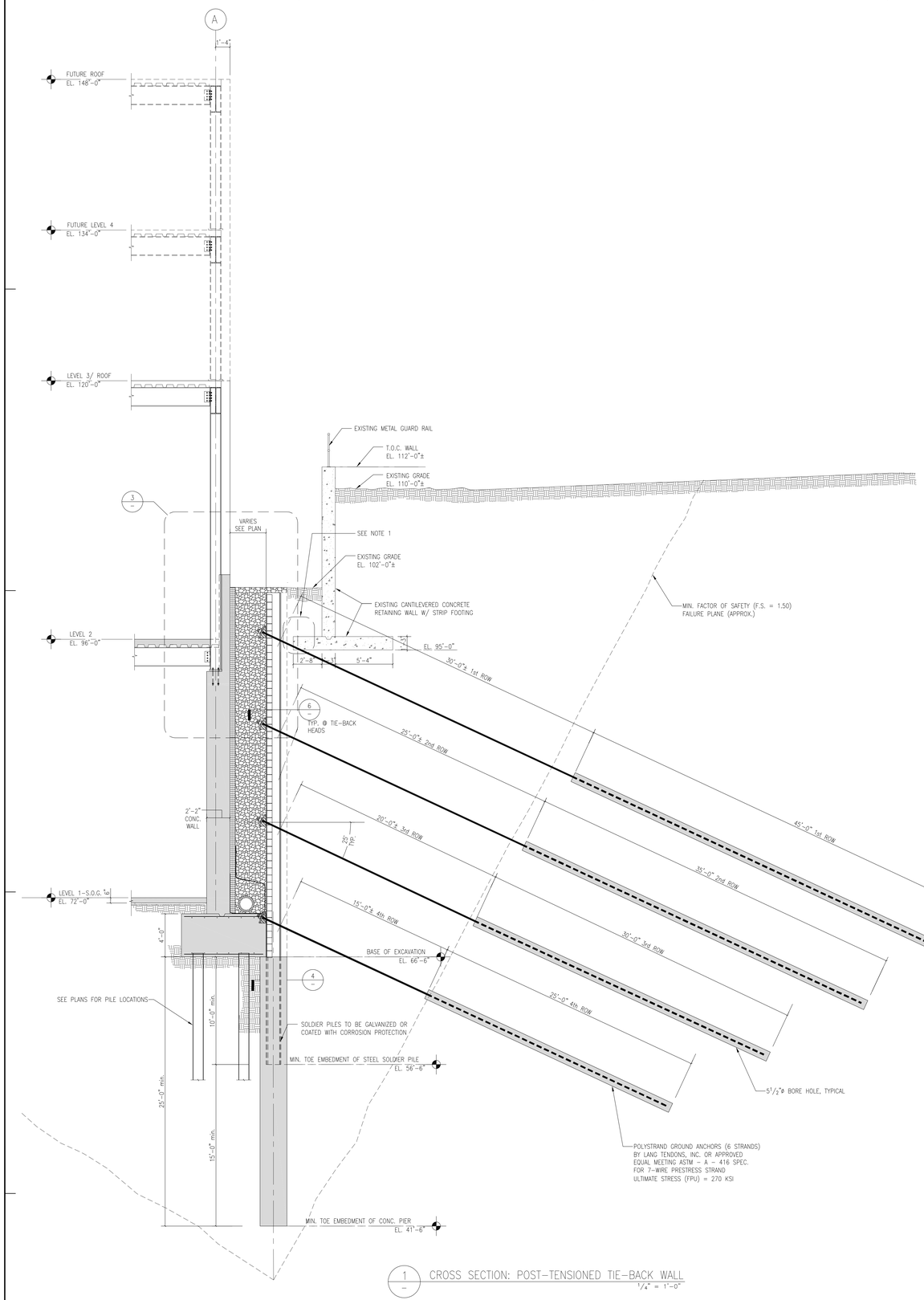
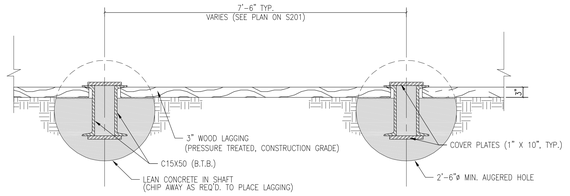
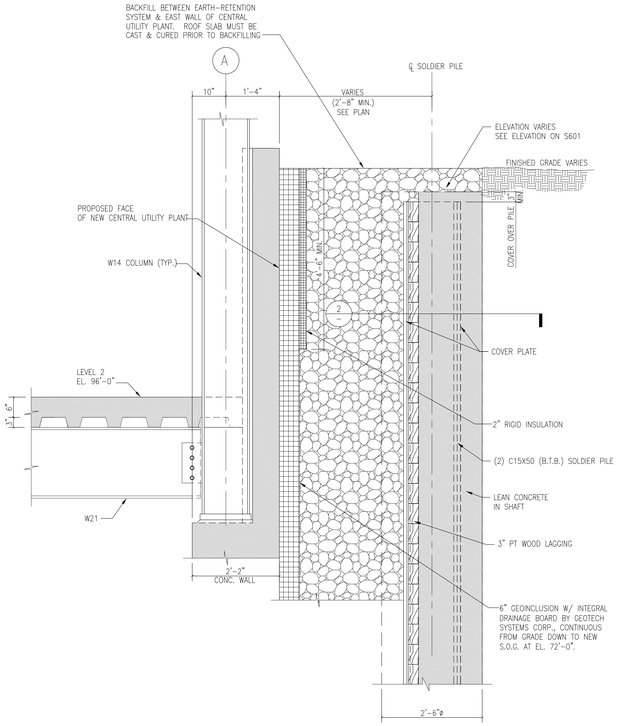


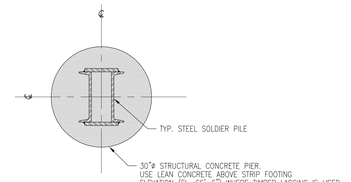
1 — CROSS SECTION: POST-TENSIONED TIE-BACK WALL
1/4" = 1'-0"



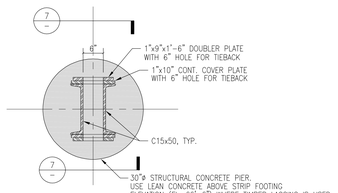
2 — TYPICAL PLAN DETAIL AT PILE
3/4" = 1'-0"



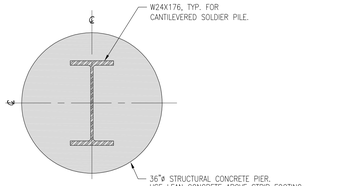
3 — TYPICAL SECTION AT TOP OF SOLDIER PILE
3/4" = 1'-0"



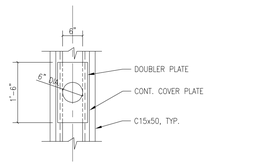
4 — TYPICAL SECTION OF STRUCTURAL CONCRETE PIER BELOW STRIP FOOTING
3/4" = 1'-0"



6 — TYPICAL SECTION OF PILE AT TIEBACK
3/4" = 1'-0"



5 — TYPICAL SECTION OF CANTILEVERED SOLDIER PILE
3/4" = 1'-0"



7 — TYPICAL ELEVATION OF PILE AT TIE BACK
3/4" = 1'-0"

General Notes:

1. IN SOME CIRCUMSTANCES CONTRACTOR SHALL BE REQUIRED TO DRILL THROUGH (E) 1'-3" THICK CONCRETE FOUNDATION OF EXISTING CONCRETE RETAINING WALL TO INSTALL NEW STEEL SOLDIER PILES.

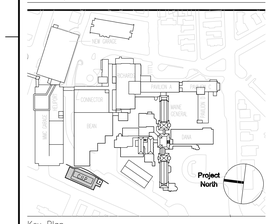
SGH
Simpson Gumpertz & Heger Inc.
Consulting Engineers
www.sgh.com

Boston, MA — 41 Seyon Street, Building 1, Suite 500, Waltham, MA 02453 — Telephone: (781) 907 9000, Facsimile: (781) 907 9009
San Francisco, CA — The Landmark at One Market Suite 600, San Francisco, CA 94105 — Telephone: (415) 495 3700, Facsimile: (415) 495 3550
Washington, DC — 1655 Pisgard Drive Suite 220, Rockville, MD 20850 — Telephone: (301) 417 0999, Facsimile: (301) 417 0995

MARK	ISSUE DATE	DESCRIPTION
PERMIT	09/24/04	PERMIT SET – NOT FOR CONSTRUCTION

FOR PERMIT ONLY
NOT FOR CONSTRUCTION

Issue Log



Key Plan

TRO
Architecture
Planning
Engineering
Interior Design
The Ritchie Organization
80 Bridge Street
Newton, MA 02458-1134
617-969-9400

Maine Medical Center
Central Utility Plant
Portland, Maine

Drawing Title
CENTAL UTILITY PLANT (CUP)
EARTH RETENTION SYSTEM
SECTIONS & DETAILS

0' 4' 8' 16' 32'

Commission No.	4677	Date Issued	24 SEPTEMBER 2004
Scale	AS NOTED	Sheet Number	
Drawn By	SWW/RWS/KEW		**S602**
Approved By	JHT/JJZ		
Filename	S602		

Copyright © 2004 The Ritchie Organization