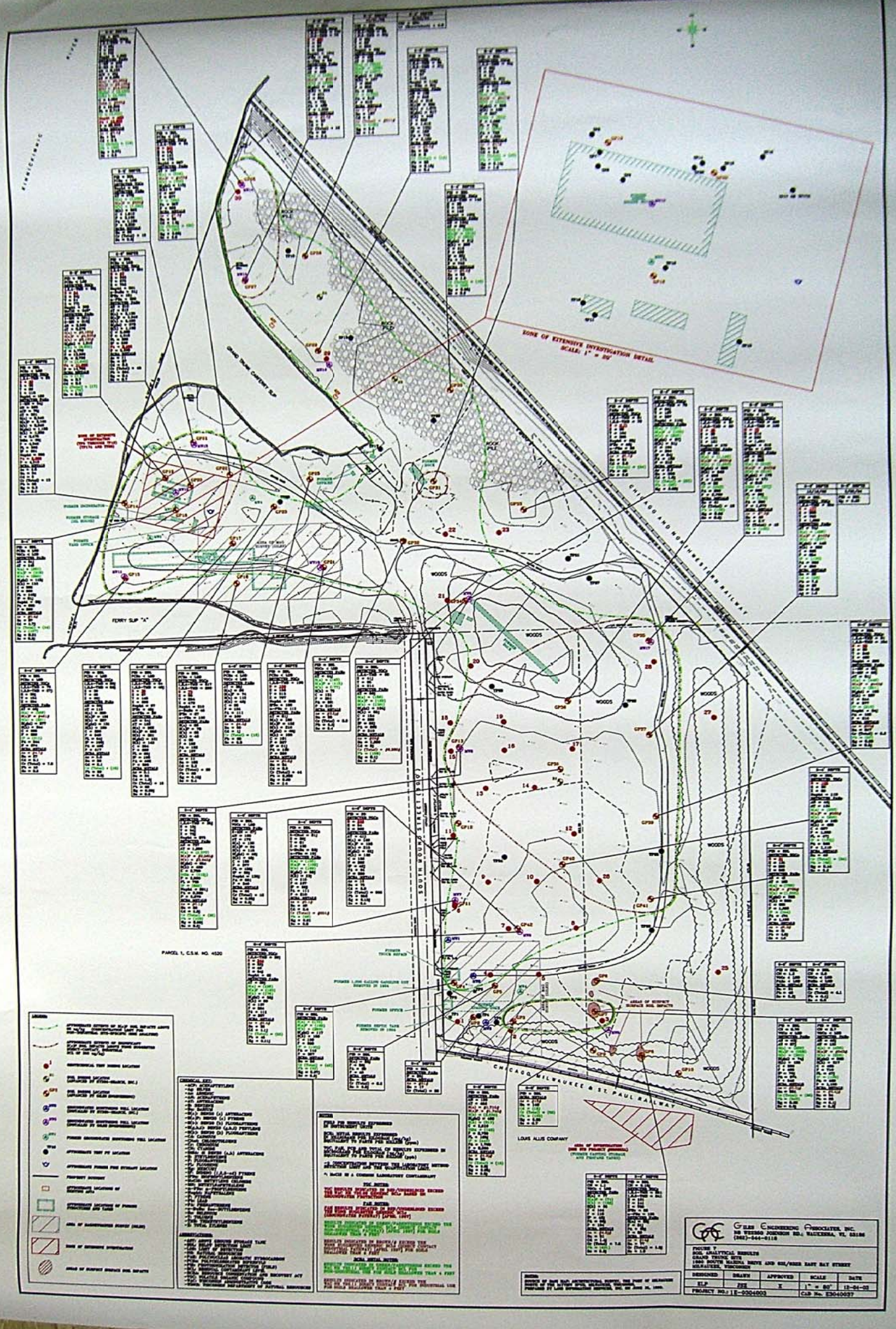
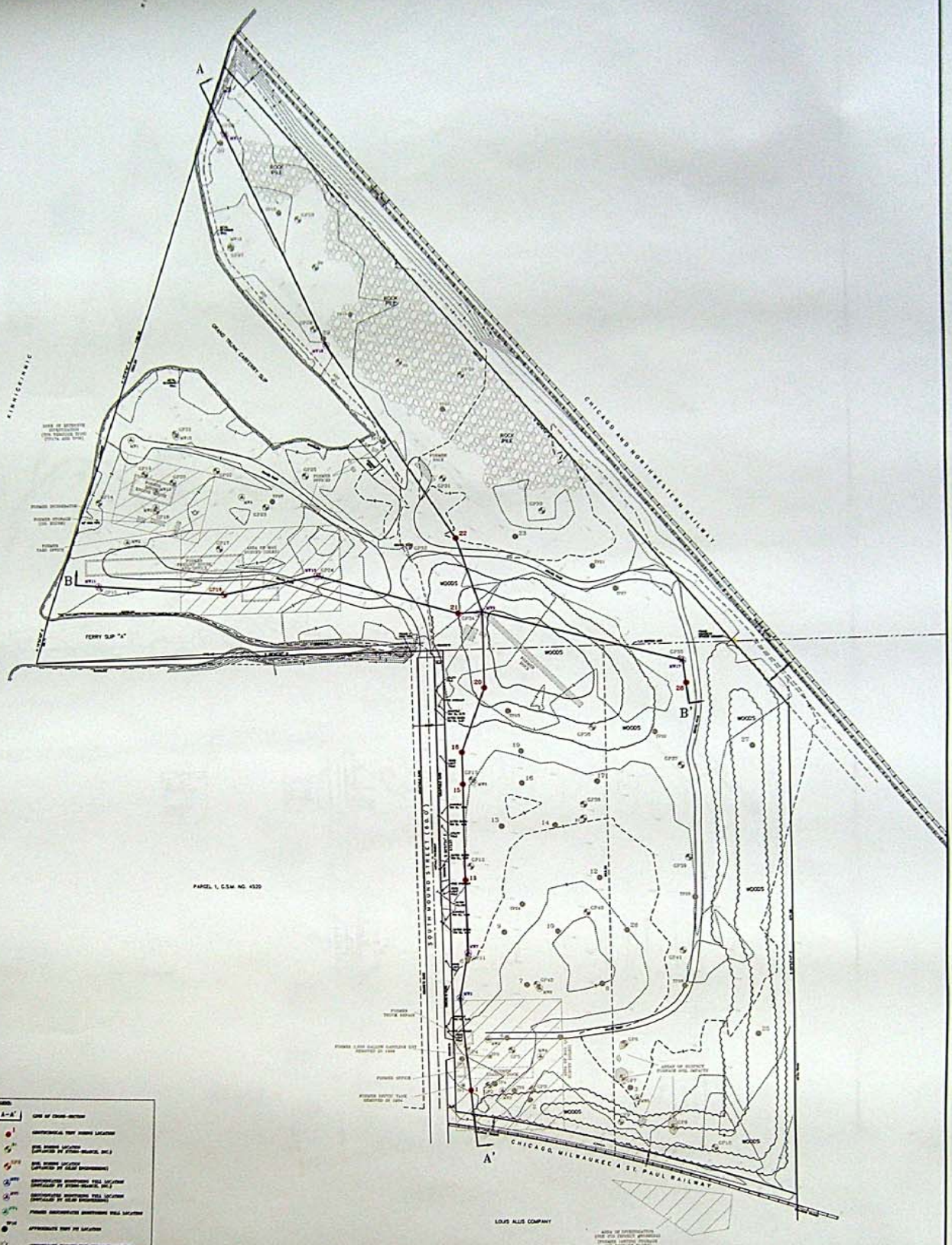


ZONE OF EXTENSIVE INVESTIGATION DETAIL
SCALE: 1" = 20'
GRAND TRUNK CARFERRY SLIP
FERRY SLIP "A"
CHICAGO AND NORTHWESTERN RAILWAY
SOUTH MOUND STREET (900')
CHICAGO, MILWAUKEE & ST. PAUL RAILWAY
WOODS
PARCEL 1, C.S.M. NO. 4520
LOUIS ALLIS COMPANY
GILES ENGINEERING ASSOCIATES, INC.
FIGURE 7
SOIL ANALYTICAL RESULTS
GRAND TRUNK SITE
1000 SOUTH MARINA DRIVE AND 631/632R EAST BAY STREET
MILWAUKEE, WISCONSIN
DESIGNED
DRAWN
APPROVED
SCALE
DATE
ELP
JEE
X
1" = 80'
12-04-03
PROJECT NO.: 1E-0304003
CAD No. E3040037



GILES ENGINEERING ASSOCIATES, INC.
N8 W22300 JOHNSON RD., WAUKESHA, WI, 53186
(262)-544-0118

FIGURE 2
CROSS-SECTION LOCATION PLAN
GRAND TRUNK SITE
1000 SOUTH MARINA DRIVE AND 632/650R EAST BAY STREET
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
ELP	JSZ	X	1" = 80'	06-29-04

PROJECT NO.: 1E-0304003 CAD No. E304003A

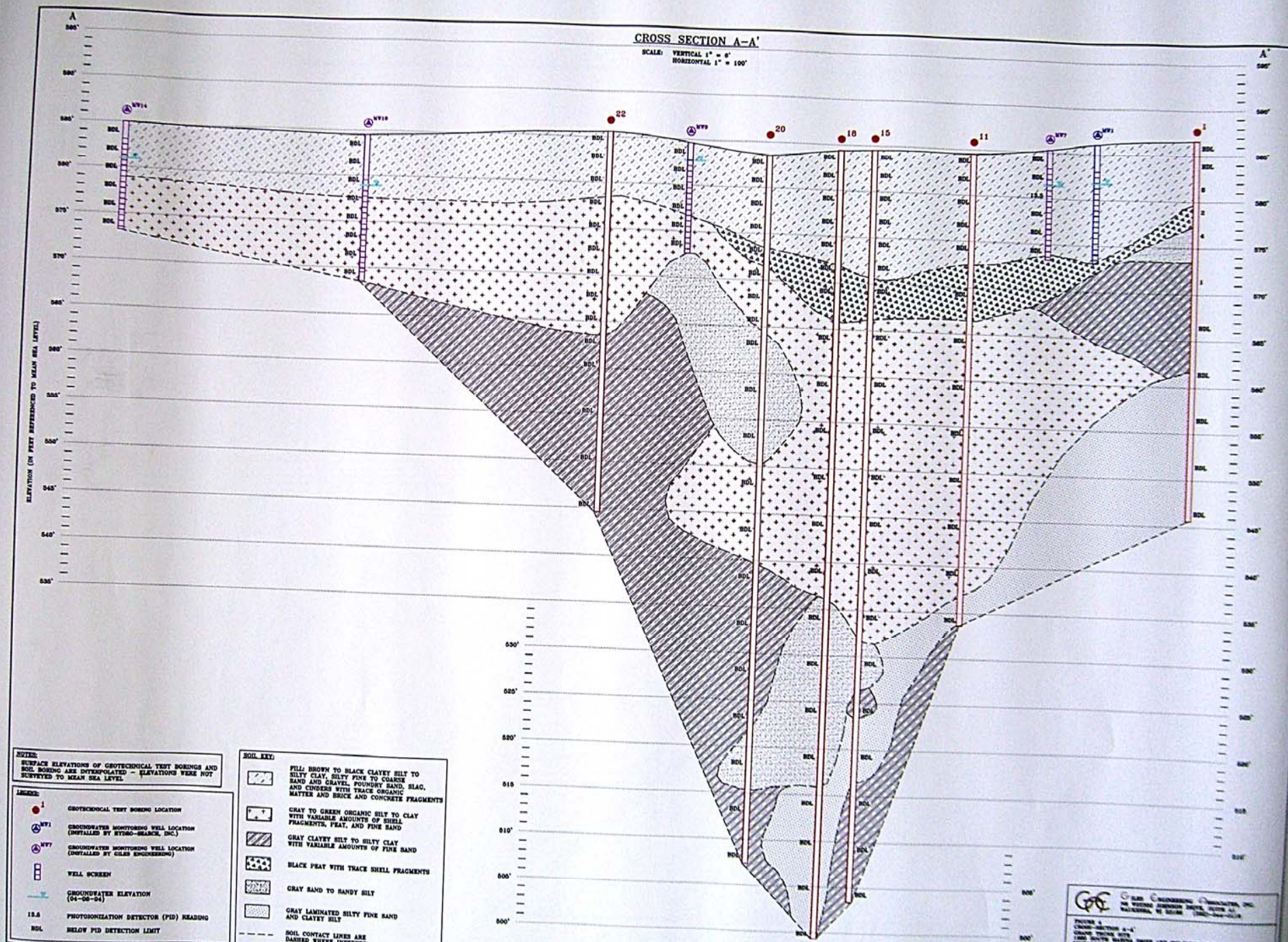
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	APPROVED	SCALE	DATE
ELP	JSZ	X	1" = 80'	06-29-04

PROJECT NO.: 1E-0304003 CAD No. E304003A

CROSS SECTION A–A'

SCALE: VERTICAL 1" = 6'
HORIZONTAL 1" = 100'



NOTES:
SURFACE ELEVATIONS OF GEOTECHNICAL TEST BORINGS AND SOIL BORING ARE INTERPOLATED – ELEVATIONS WERE NOT SURVEYED TO MEAN SEA LEVEL

LEGEND:

- 1 — GEOTECHNICAL TEST BORING LOCATION
- MW1 — GROUNDWATER MONITORING WELL LOCATION (INSTALLED BY HYDRO-SEARCH, INC.)
- MW7 — GROUNDWATER MONITORING WELL LOCATION (INSTALLED BY GILES ENGINEERING)
- WELL SCREEN
- GROUNDWATER ELEVATION (04-06-04)
- 15.6 — PHOTOIONIZATION DETECTOR (PID) READING
- BDL — BELOW PID DETECTION LIMIT

SOIL KEY:

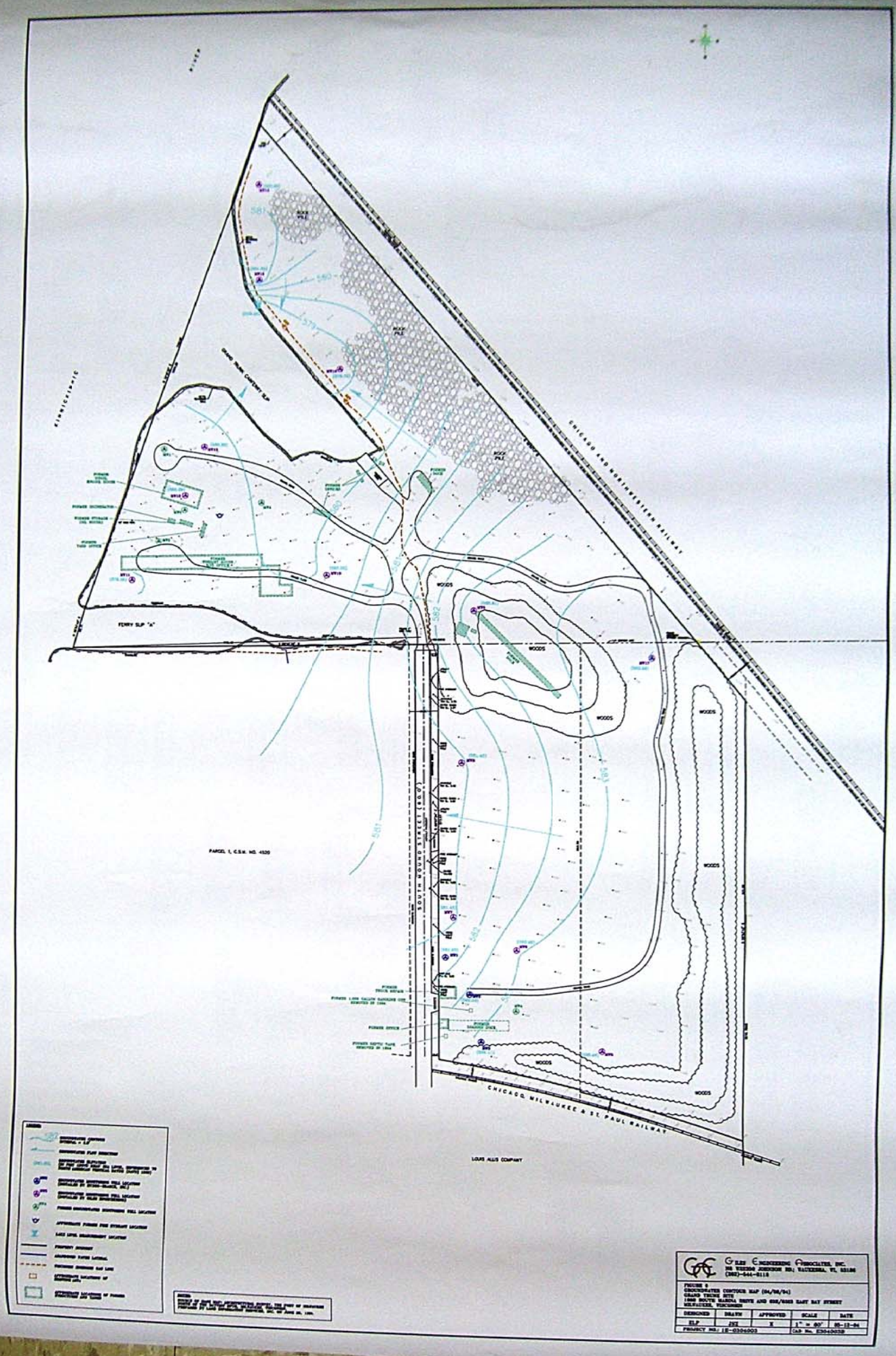
- FILL: BROWN TO BLACK CLAYEY SILT TO SILTY CLAY, SILTY FINE TO COARSE SAND AND GRAVEL, FOUNDRY SAND, SLAG, AND CINDERS WITH TRACE ORGANIC MATTER AND BRICK AND CONCRETE FRAGMENTS
- GRAY TO GREEN ORGANIC SILT TO CLAY WITH VARIABLE AMOUNTS OF SHELL FRAGMENTS, PEAT, AND FINE SAND
- GRAY CLAYEY SILT TO SILTY CLAY WITH VARIABLE AMOUNTS OF FINE SAND
- BLACK PEAT WITH TRACE SHELL FRAGMENTS
- GRAY SAND TO SANDY SILT
- GRAY LAMINATED SILTY FINE SAND AND CLAYEY SILT
- SOIL CONTACT LINES ARE DASHED WHERE INFERRED

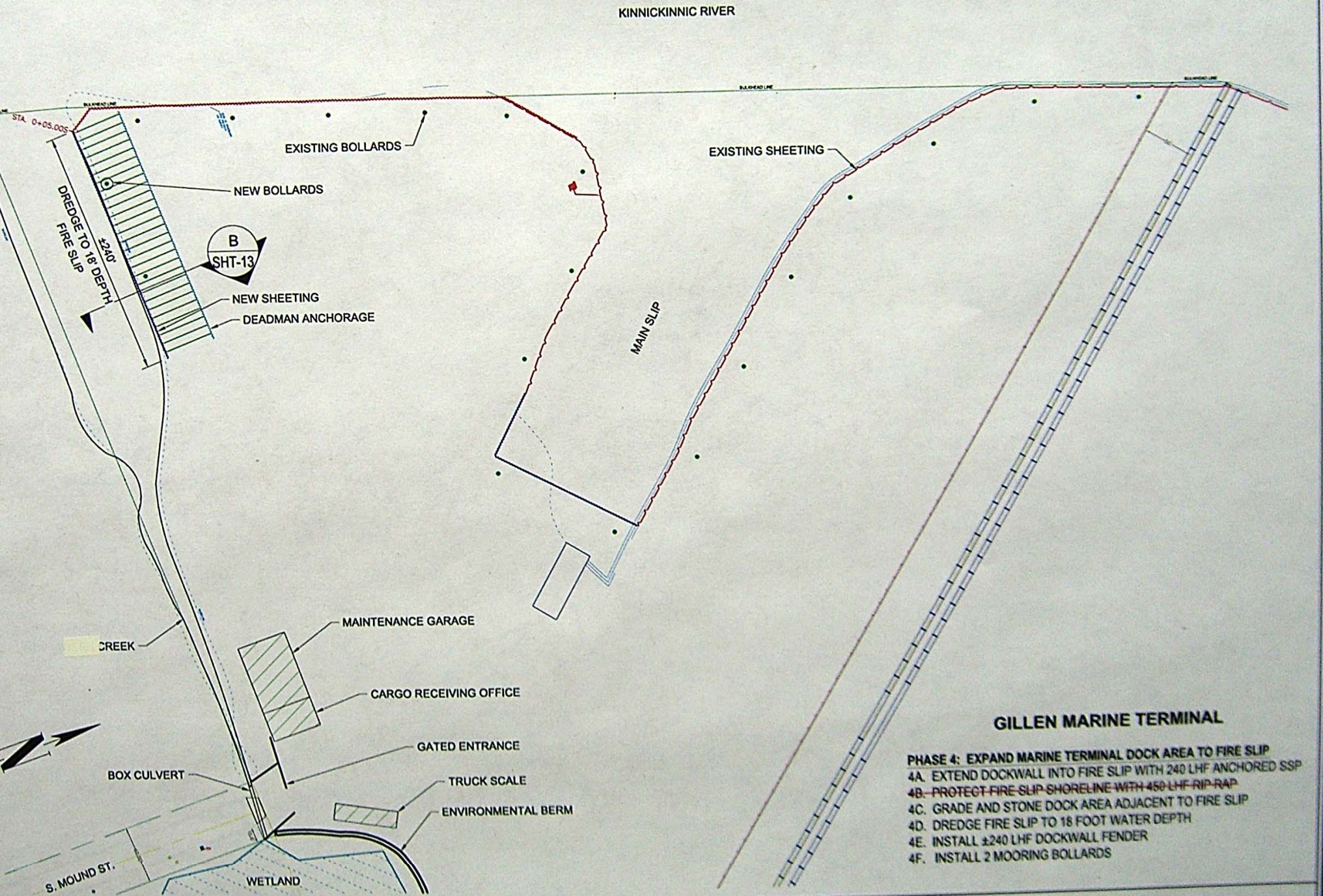
GILES ENGINEERING ASSOCIATES, INC.
N8 W22950 JOHNSON DRIVE, SUITE A1
WAUKESHA, WI 53186 (262) 544-0118

FIGURE 4
CROSS SECTION A–A'
GRAND TRUNK SITE
1300 SOUTH BARKER DRIVE AND 800/808 BARKER PLACE
MILWAUKEE, WISCONSIN

DESIGNED	DRAWN	ATTACHED	SCALE	DATE
ELP	JEE	A	

PROJECT NO. 15-0204000


CHICAGO AND NORTHWESTERN RAILWAY
GRAND RUN CONTENT SLP
FERRY SLP "A"
WOODS
SOUTH MOUND STREET (60.0')
PARCEL 1, C.S.M. NO. 4526
CHICAGO, MILWAUKEE & ST. PAUL RAILWAY
LOUIS ALLIS COMPANY
GLEE ENGINEERING ASSOCIATES, INC.
FIGURE 2
GROUNDWATER CONTOUR MAP (04/08/94)
GRAND TRUNK SITE
1400 SOUTH MARINA DRIVE AND 600/800 EAST RAY STREET
WEST ALLIS, WISCONSIN
DESIGNED
DRAWN
APPROVED
SCALE
1" = 60'
DATE
05-12-94
PROJECT NO.: 12-0304003
CAD No. E3040038



GILLEN MARINE TERMINAL

PHASE 4: EXPAND MARINE TERMINAL DOCK AREA TO FIRE SLIP

4A. EXTEND DOCKWALL INTO FIRE SLIP WITH 240 LHF ANCHORED SSP
~~4B. PROTECT FIRE SLIP SHORELINE WITH 450 LHF RIP-RAP~~
4C. GRADE AND STONE DOCK AREA ADJACENT TO FIRE SLIP
4D. DREDGE FIRE SLIP TO 18 FOOT WATER DEPTH
4E. INSTALL ±240 LHF DOCKWALL FENDER
4F. INSTALL 2 MOORING BOLLARDS

GILLEN MARINE TERMINAL PHASE 4

SCALE: 1" = 200'

GILLEN MARINE TERMINAL

Rev.

Edward E. Gillen Company
Contractors – Engineers
Since 1894

DRAW
Drawn
Approve
Project
11xxx
CAD Dr
GMT-01-2
Sheet N
Date