



SOIL ENGINEERS

SUBSURFACE INVESTIGATORS

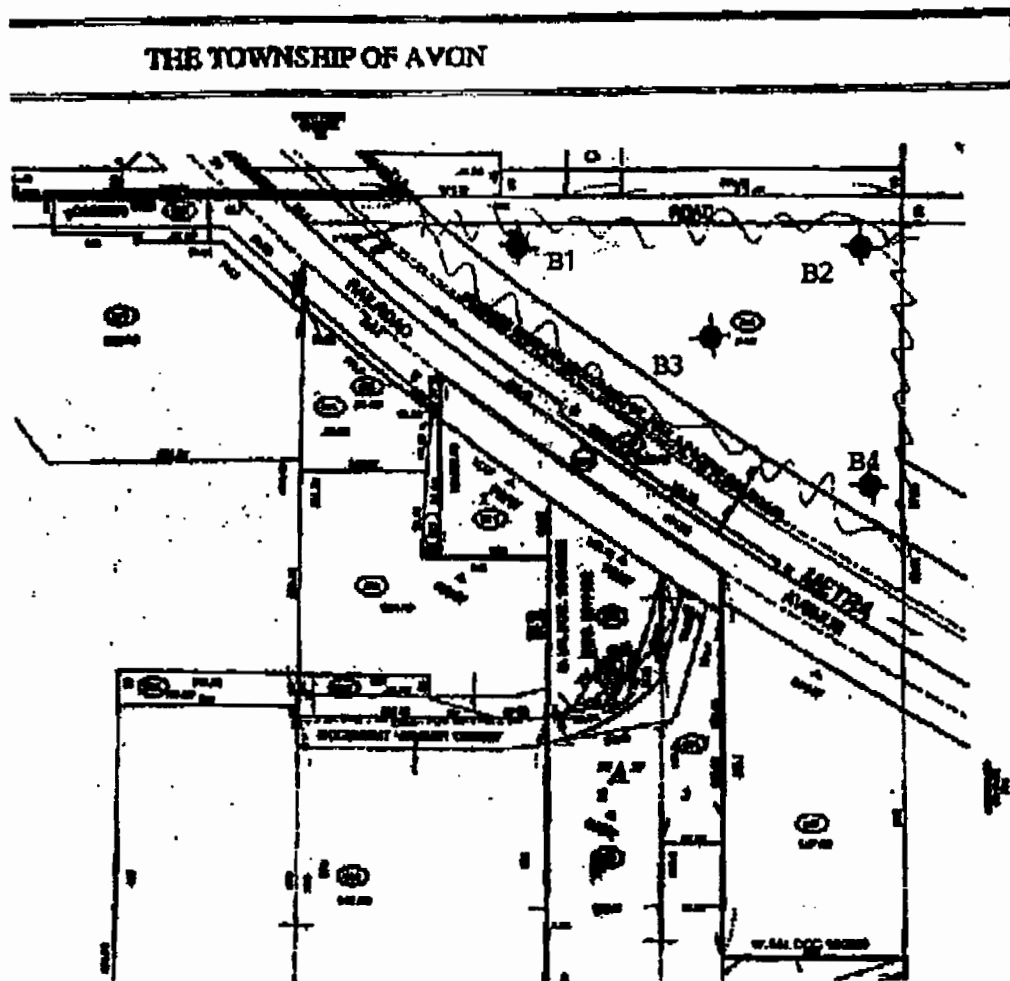
LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541-1010 FAX (847) 541-2929

FILE COPY

PROJECT: PROPOSED DEVELOPMENT - 2.5 ACRE PARCEL
525 HART ROAD
ROUND LAKE, ILLINOIS

CLIENT: NEW CENTURY REAL ESTATE



LOCATION OF BORINGS
(N.T.S)

LKW# 10113-DV
DATE OCT. 2003

SOIL ENGINEERS

SUBSURFACE INVESTIGATORS

LOUIS K. WALTER, JR. & ASSOCIATES, INC.

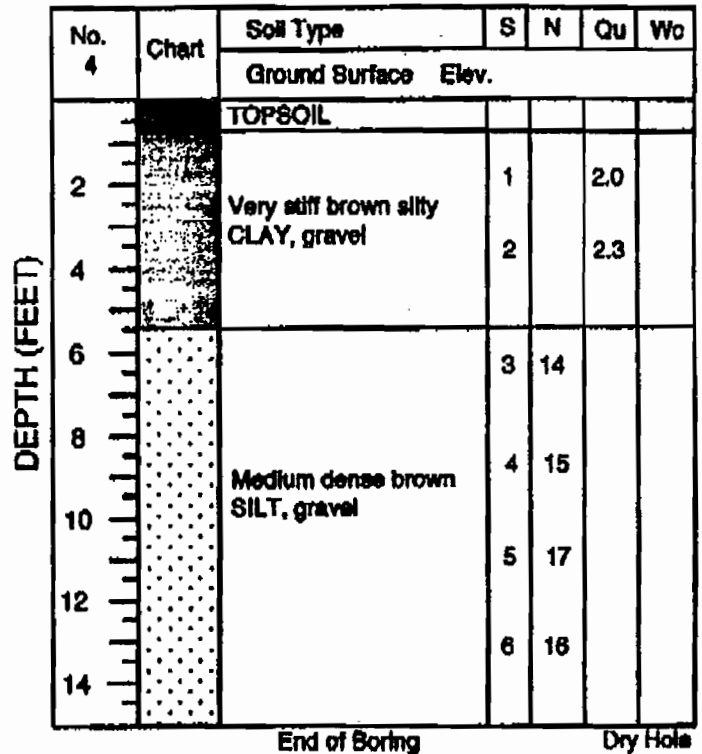
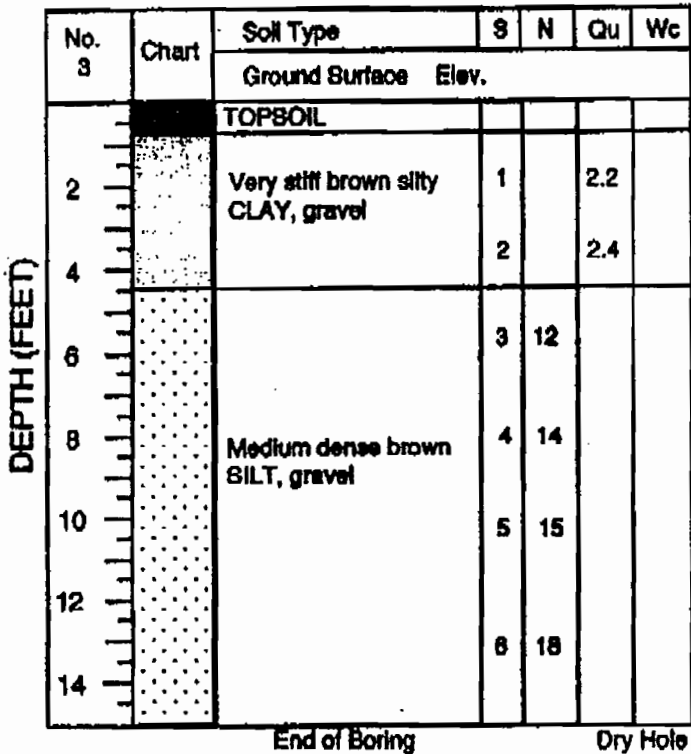
215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541-1010 FAX (847) 541-2929

PROJECT: PROPOSED DEVELOPMENT - 2.5 ACRE PARCEL
525 HART ROAD
ROUND LAKE, ILLINOIS

DATE: OCTOBER 1, 2003

FILE NO: 10113-DV

LOG OF TEST BORINGS



KEY

E - ELEVATION

S - SAMPLE NUMBER

N - PENETRATION - BLOWS/ FOOT

QU - UNCONFINED STRENGTH (TONS/SQUARE FOOT)

Wc - WATER CONTENT IN %



WATER LEVEL WHILE SAMPLING



WATER LEVEL AFTER BORING

SOIL ENGINEERS

SUBSURFACE INVESTIGATORS

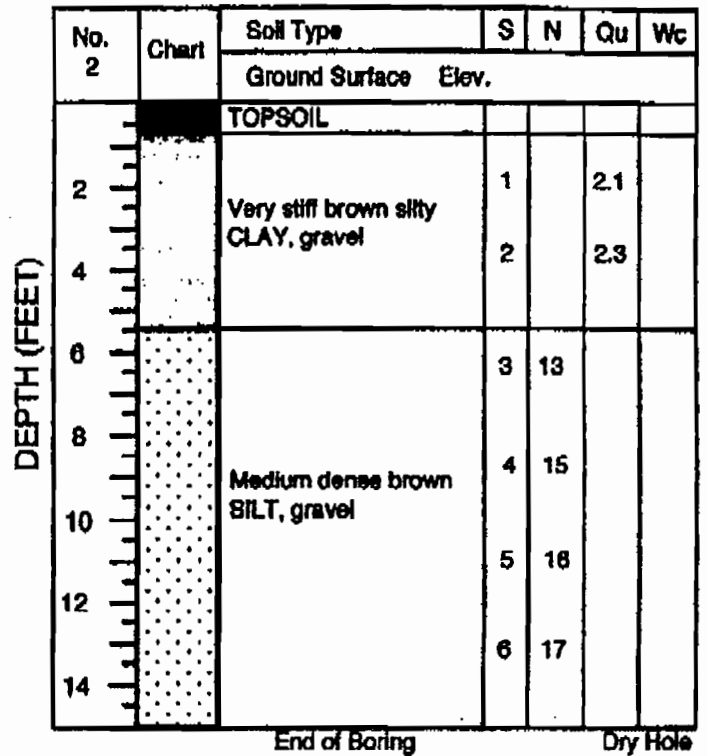
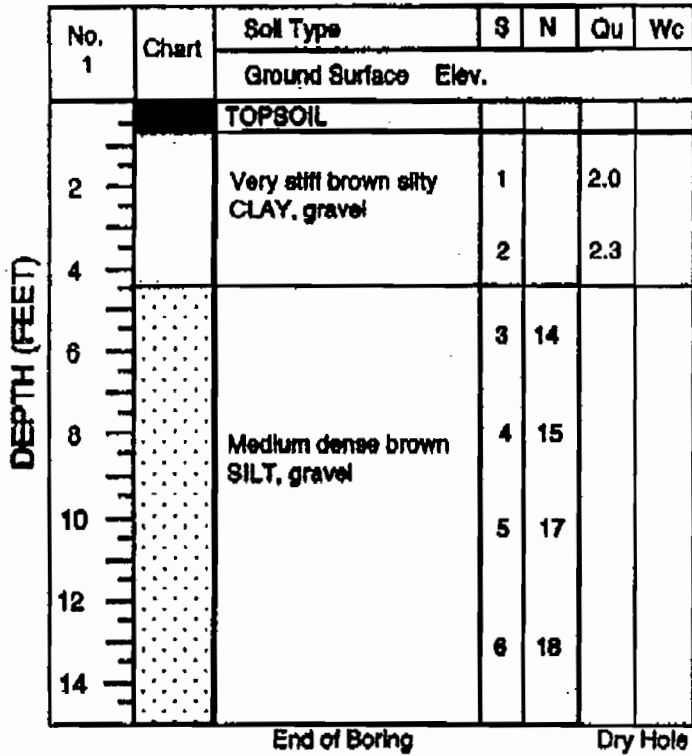
LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541 - 1010 FAX (847) 541 - 2929

PROJECT: PROPOSED DEVELOPMENT - 2.5 ACRE PARCEL
525 HART ROAD
ROUND LAKE, ILLINOIS

DATE: OCTOBER 1, 2003
FILE NO: 10113-DV

LOG OF TEST BORINGS



KEY

- E = ELEVATION
- S = SAMPLE NUMBER
- N = PENETRATION - BLOW/ FOOT
- Qu = UNCONFINED STRENGTH (TONE/SQUARE FOOT)
- Wc = WATER CONTENT IN %
- = WATER LEVEL WHILE SAMPLING
- = WATER LEVEL AFTER BORING

SOIL ENGINEERS

SUBSURFACE INVESTIGATORS

LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE • WHEELING, IL 60090-8301 • TEL (847) 541-1010 • FAX (847) 541-2928

October 08, 2003

New Century Real Estate
1919 Route N83
Round Lake Beach, Il 60073

File No. 10113-Dv (09-91D)

Attention: Mr. Tom Yingling

Gentlemen:

Four (4) soil borings have been completed (by Test Terrestrial, Inc.) at the site of the proposed development (commercial or industrial) to be constructed on the 2.5 acre wooded parcel located at 525 Hart Road, in Round Lake, Illinois. The results, and location of the borings are indicated on the enclosed drawings.

The purpose of the subsurface investigation was to determine the physical properties of the soil present on the site, analyze the results, and submit recommendations regarding the design, and the construction of the foundations for the proposed one story, slab on grade, buildings. It is anticipated the wall (3 kips/lineal ft), columns (<100 kips), and floor loads (<500 psf) of the proposed structures will be moderate in magnitude.

The general soil conditions at the site, as indicated by the results of the borings, consist of a surface layer of topsoil overlying a stratum of very stiff silty clay. Beneath the clay, we encountered medium dense silt which extended to the bottom of the borings, 15' below grade.

On the basis of the results of the borings, we recommend supporting the proposed buildings on either a conventional, or trench type, (unformed) footing foundation constructed at any level below the existing ground surface layer of topsoil (assuming sufficient frost cover of 42" is provided) utilizing a net allowable soil bearing pressure not to exceed 3000 psf to proportion the base of the footings.



Page 2

October 08, 2003

New Century Real Estate

File No. 10113-Dv (09-91D)

During the performance of the test borings, water was not encountered. Therefore, it is anticipated the excavating operations will be conducted in the 'dry'.

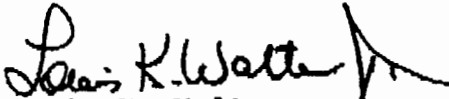
It is the sole responsibility of the contractor to conduct the excavating operations in conformance with the local building code, and the appropriate OSHA regulations. The sides of the excavation must be sloped properly, or sheeted and braced adequately to provide proper protection to the construction personnel, and prevent undermining the adjacent facilities.

Prior to the installation of the fill necessary to achieve the desired final grade for support of the proposed floor slabs on grade, parking, and driveway areas, we recommend stripping the surface vegetation (sod, weeds, etc., 3" to 4" thick) from the site of these facilities. The fill should be compacted to a minimum 90% of ASTM Specification D1557 (Modified Proctor) density.

We have welcomed the opportunity to be of service to you on this project. If there are any questions with regard to the information and/or recommendations presented, please do not hesitate to contact us.

Yours very truly,

LOUIS K. WALTER, JR. & ASSOCIATES, INC.


Louis K. Walter, Jr.

LKW/cz
encls.

T R A N S M I T T A L



FROM: (check one)

- Crystal Lake Office:** 8678 Ridgefield Road, Crystal Lake, IL 60012
PH: 815.459.1260, FAX: 815.455.0450
- Mokena Office:** 8840 West 192nd Street, Mokena, IL 60448
PH: 708.478.2090, FAX: 708.478.8710
- DeKalb Office:** 1788 Sycamore, DeKalb, IL 60115
PH: 815.787.3111, FAX: 815.787.7240
- Burlington Office:** 256 South Pine Street, Burlington, WI 53105
PH: 262.763.7834, FAX: 262.763.2509
- Grayslake Office:** 31 South Seymour, Grayslake, IL 60030
PH: 847.223.5088, FAX: 847.543.1661
- Round Lake Field Office:** 442 North Cedar Lake Road, Round Lake, IL 60073
PH: 847.270.9531, FAX: 847.270.9533

Corporate Website: www.baxterwoodman.com e-mail: info@baxterwoodman.com

▪ **TO:** Tom Ganfield **Date:** 12/17/03 **Proj. No.** 030705
Burlington Office **Spec No.** _____
Attn: _____
Re: ROULK: Metra Property Demolition

▪ **WE ARE SENDING YOU:**

(circle one)

- Attached Under separate cover via: *U.S. Mail • Federal Express • UPS • Courier • Drop-Off*

- **THE FOLLOWING ITEM(S) :** Documents Drawings Other: (See Description)

| COPIES | DATE | DESCRIPTION |
|--------|------|---|
| 1 | | Wetland Delineation report for the 8.5 acres behind Village Hall |
| 1 | | Soil Boring report for the 8.5 acres behind Village Hall |
| | | |
| | | |

▪ **THESE ARE TRANSMITTED as checked:**

- For Approval For Your Use As Requested For Review and Comment Other:

▪ **REMARKS:**

Ed, Please return to Bam

Tom, Please return these to me when you are finished with them so I can return them to Bam Peterson. Thanks

Ed

I:\ROULK\030705\Transmittals\Ganfield 12-17-03.doc

COPY TO: Bam Peterson
(Transmittal Only)

SIGNED:
Ed Kanthack

LKW

SOIL ENGINEERS

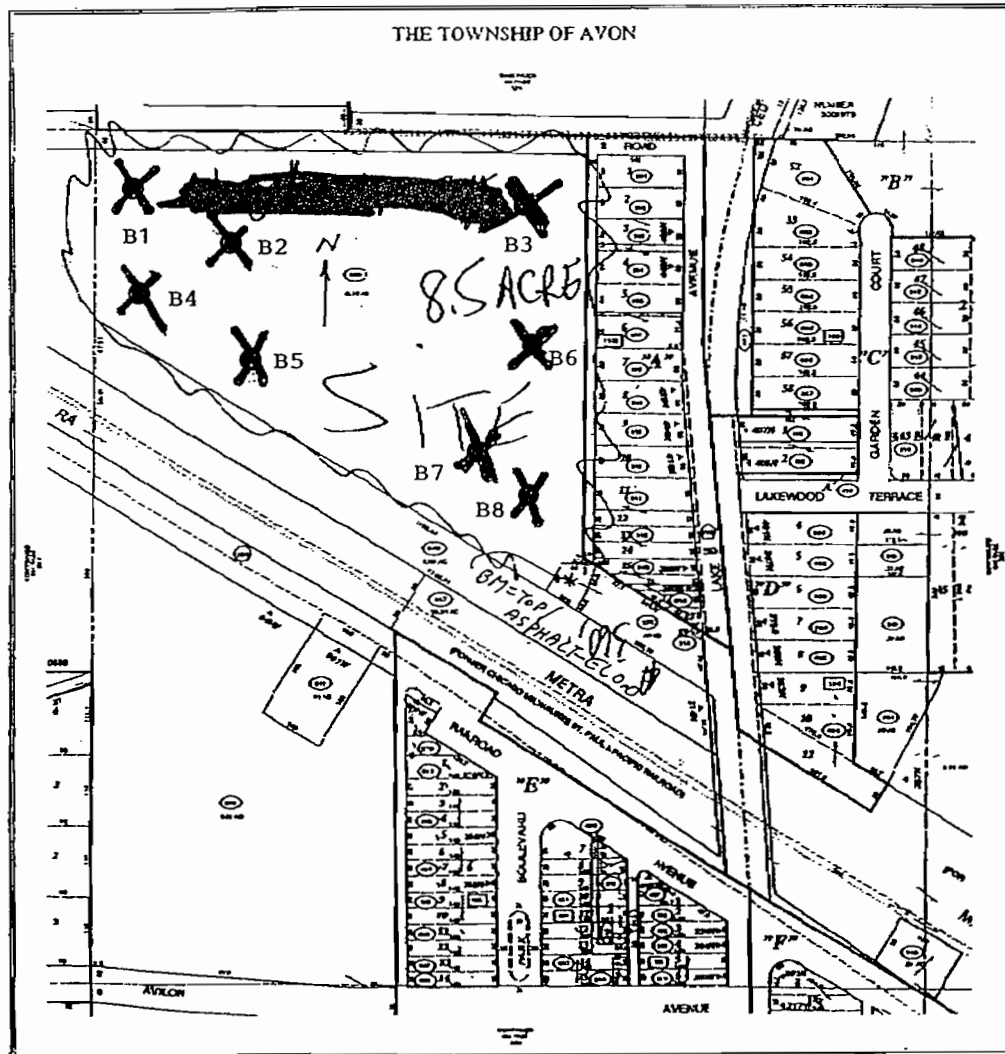
SUBSURFACE INVESTIGATORS

LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541 - 1010 FAX (847) 541 - 2929

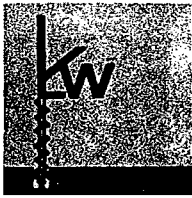
PROJECT: PROPOSED INDUSTRIAL BUILDINGS
8 ACRES - SWQ HART & CEDAR LAKE ROADS
ROUND LAKE, ILLINOIS

CLIENT: NEW CENTURY REAL ESTATE



LOCATION OF BORINGS
(N.T.S)

LKW# 10113-IN
DATE AUG..2003



SOIL ENGINEERS

SUBSURFACE INVESTIGATORS

LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE • WHEELING, IL 60090-6301 • TEL. (847) 541-1010 • FAX (847) 541-2929

September 11, 2003

New Century Real Estate
1919 Route 83
Round Lake Beach, Il 60073

File No. 10013-IN (08-107D)

Attention: Mr. Tom Yingling

Gentlemen:

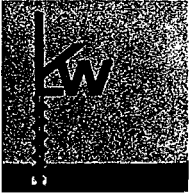
Eight (8) soil borings have been completed (by Test Terrestrial, Inc.) at the site of the proposed industrial buildings to be constructed on the 8 acre parcel located on the southwest quadrant of the intersection of Hart and Cedar Lake Roads, in Round Lake, Illinois. The results, and location of the borings are indicated on the enclosed drawings.

The purpose of the subsurface investigation was to determine the physical properties of the soil present on the site, analyze the results, and submit recommendations regarding the design, and the construction of the foundations for the proposed one story, slab on grade, industrial buildings. It is anticipated the wall (3 kips/lineal ft), columns (<100 kips), and floor loads (<500 psf) of the proposed structures will be moderate in magnitude.

Elevation of ground surface at the boring location is referred to the level of the top of the pavement at the front of the site, as 0.0.

The general soil conditions at the site, as indicated by the results of the borings, consist of a 2' to 4' thick surface layer of fill overlying stiff to very stiff silty clay containing minor quantities of granular soil.

On the basis of the results of the borings, we recommend supporting the proposed industrial buildings on either a conventional, or trench type, (unformed) footing foundation constructed at any level below the existing ground surface layer of fill (assuming sufficient frost cover of 42" is provided) utilizing a net allowable soil bearing pressure not to exceed 3000 psf to proportion the base of the footings.



Page 2

September 11, 2003

New Century Real Estate

File No. 10113-IN (08-107D)

During the performance of the test borings, water was not encountered within the depth of the anticipated excavations. Therefore, it is anticipated the excavating operations should be conducted in the 'dry'.

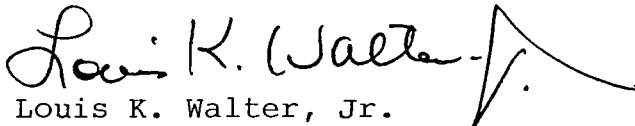
It is the sole responsibility of the contractor to conduct the excavating operations in conformance with the local building code, and the appropriate OSHA regulations. The sides of the excavation must be sloped properly, or sheeted and braced adequately to provide proper protection to the construction personnel, and prevent undermining the adjacent facilities.

Prior to the installation of the fill necessary to achieve the desired final grade for support of the proposed floor slabs on grade, we recommend stripping the surface vegetation (sod, weed, etc.) from the site of these facilities. The fill should be compacted to a minimum 90% of ASTM Specification D1557 (Modified Proctor) density.

We have welcomed the opportunity to be of service to you on this project. If there are any questions with regard to the information and/or recommendations presented, please do not hesitate to contact us.

Yours very truly,

LOUIS K. WALTER, JR. & ASSOCIATES, INC.


Louis K. Walter, Jr.

LKW/cz
encls.

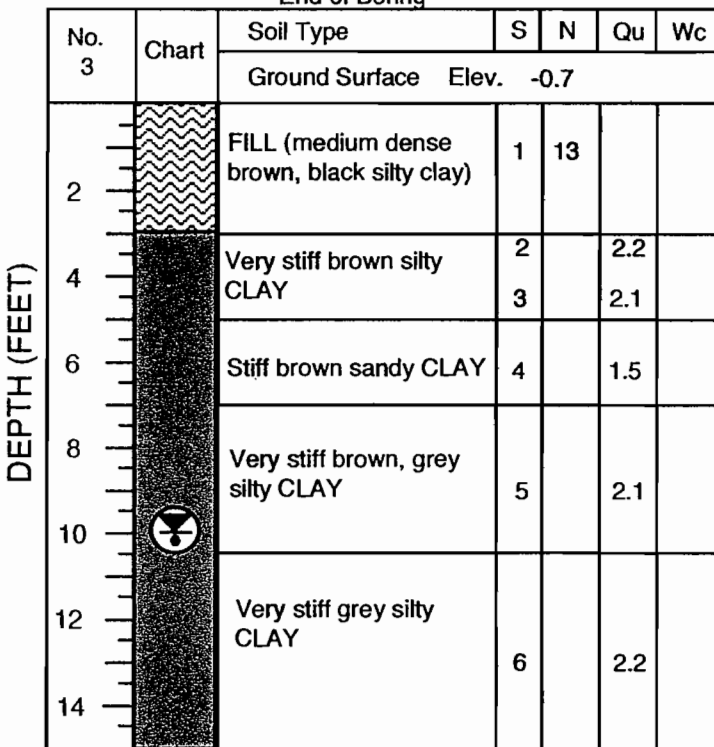
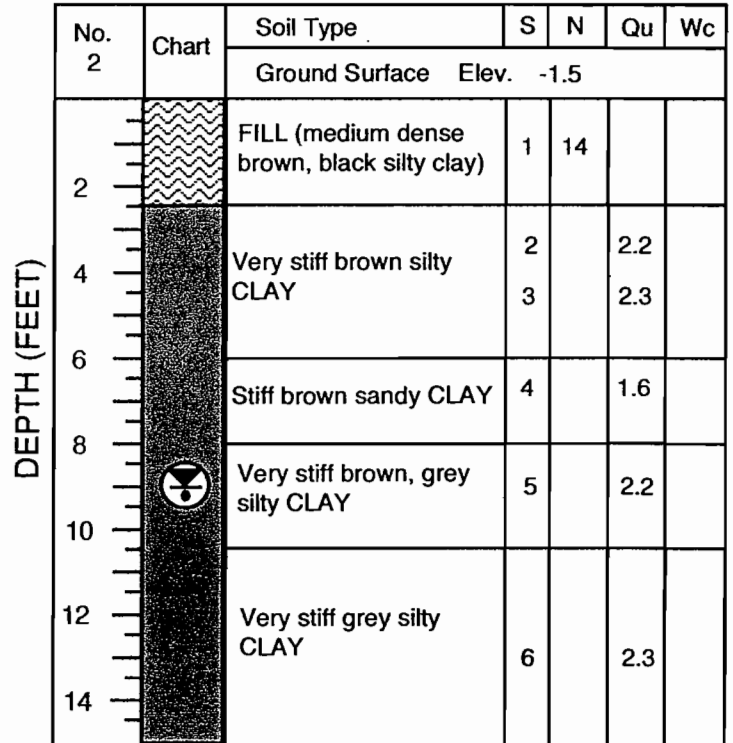
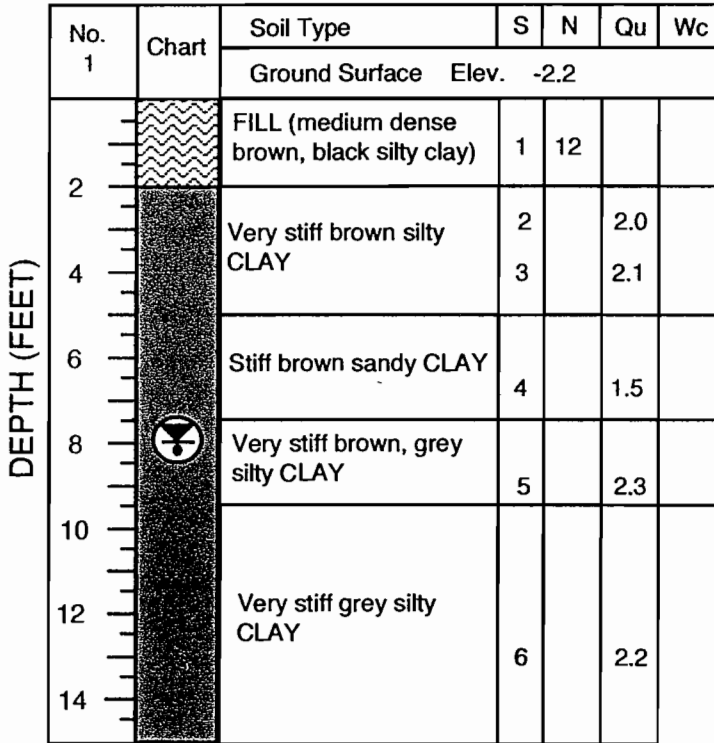
LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541 - 1010 FAX (847) 541 - 2929

PROJECT: PROPOSED INDUSTRIAL BUILDINGS
8 ACRES - SWQ HART & CEDAR LAKE ROADS
ROUND LAKE, ILLINOIS

DATE: AUGUST 30, 2003
FILE NO: 10113-IN

LOG OF TEST BORINGS



KEY

E = ELEVATION

S = SAMPLE NUMBER

N = PENETRATION - BLOWS/ FOOT

QU = UNCONFINED STRENGTH (TONS/SQUARE FOOT)

Wc = WATER CONTENT IN %

= WATER LEVEL WHILE SAMPLING

= WATER LEVEL AFTER BORING

LOUIS K. WALTER, JR. & ASSOCIATES, INC.

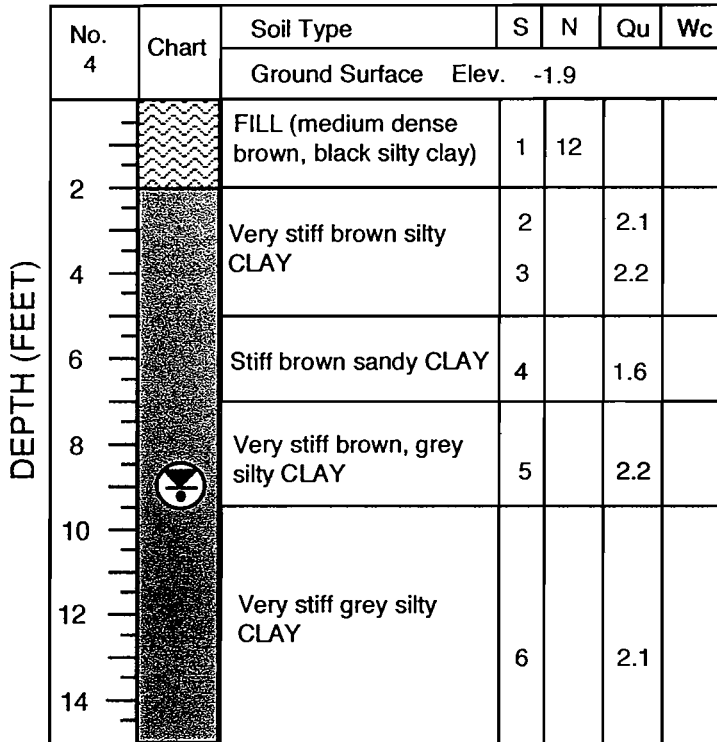
215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541 - 1010 FAX (847) 541 - 2929

PROJECT: PROPOSED INDUSTRIAL BUILDINGS
8 ACRES - SWQ HART & CEDAR LAKE ROADS
ROUND LAKE, ILLINOIS

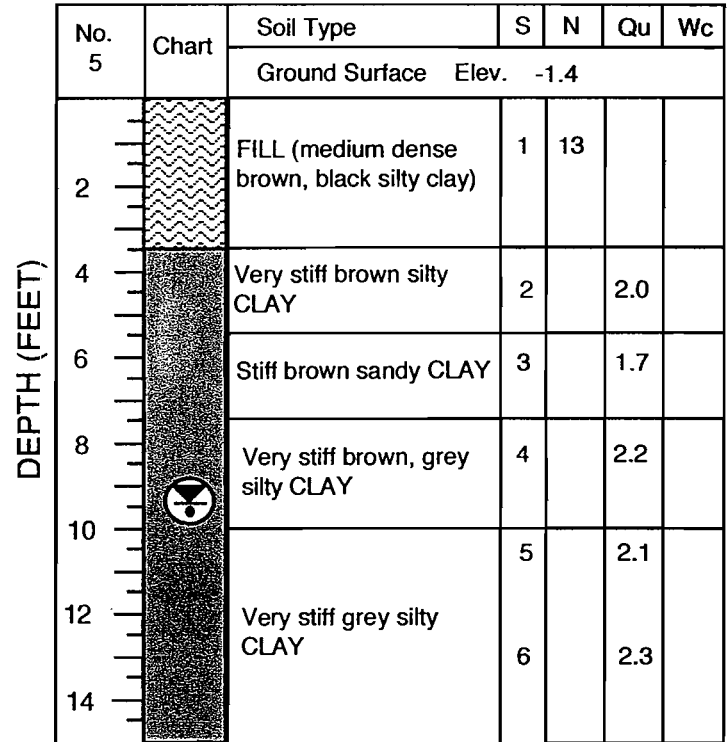
DATE: AUGUST 30, 2003

FILE NO: 10113-IN

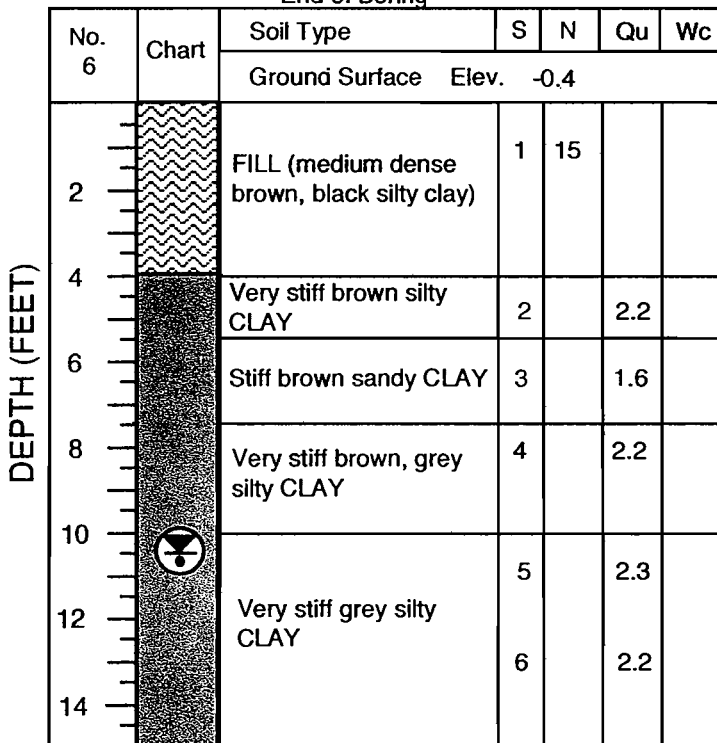
LOG OF TEST BORINGS



End of Boring



End of Boring



End of Boring

KEY

E = ELEVATION

S = SAMPLE NUMBER

N = PENETRATION - BLOWS/ FOOT

QU = UNCONFINED STRENGTH (TONS/SQUARE FOOT)

Wc = WATER CONTENT IN %

= WATER LEVEL WHILE SAMPLING

= WATER LEVEL AFTER BORING

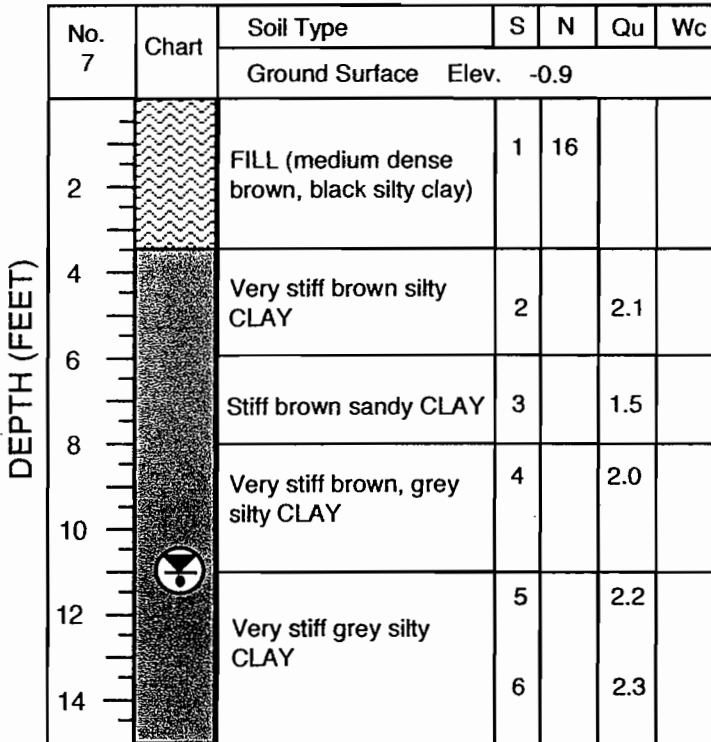
LOUIS K. WALTER, JR. & ASSOCIATES, INC.

215 INDUSTRIAL LANE WHEELING, IL 60090-6301 TEL (847) 541 - 1010 FAX (847) 541 - 2929

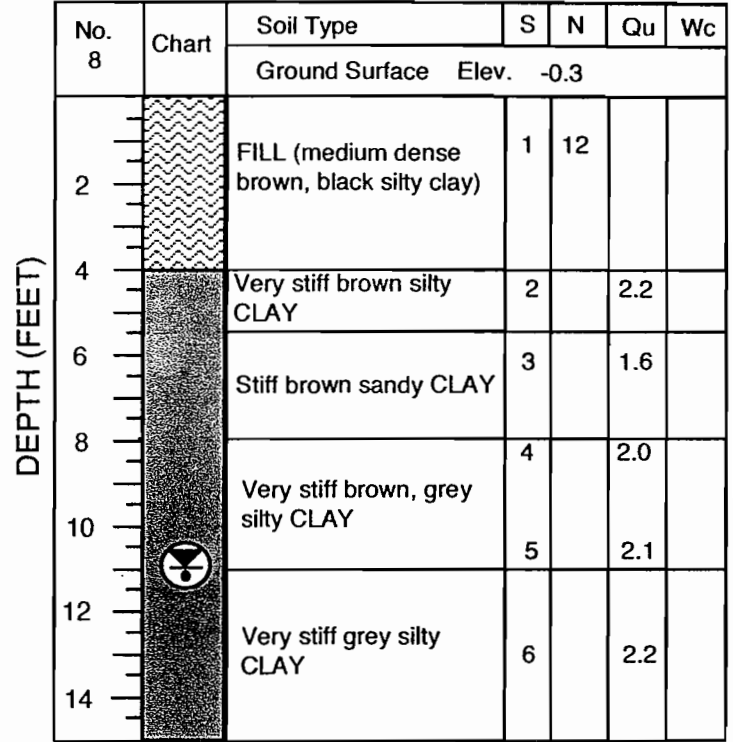
PROJECT: PROPOSED INDUSTRIAL BUILDINGS
 8 ACRES - SWQ HART & CEDAR LAKE ROADS
 ROUND LAKE, ILLINOIS

DATE: AUGUST 30, 2003
 FILE NO: 10113-IN

LOG OF TEST BORINGS



End of Boring



End of Boring

KEY

E = ELEVATION

S = SAMPLE NUMBER

N = PENETRATION -
 BLOWS/ FOOT

QU = UNCONFINED STRENGTH
 (TONS/SQUARE FOOT)

WC = WATER CONTENT IN %

= WATER LEVEL WHILE SAMPLING

= WATER LEVEL AFTER BORING

