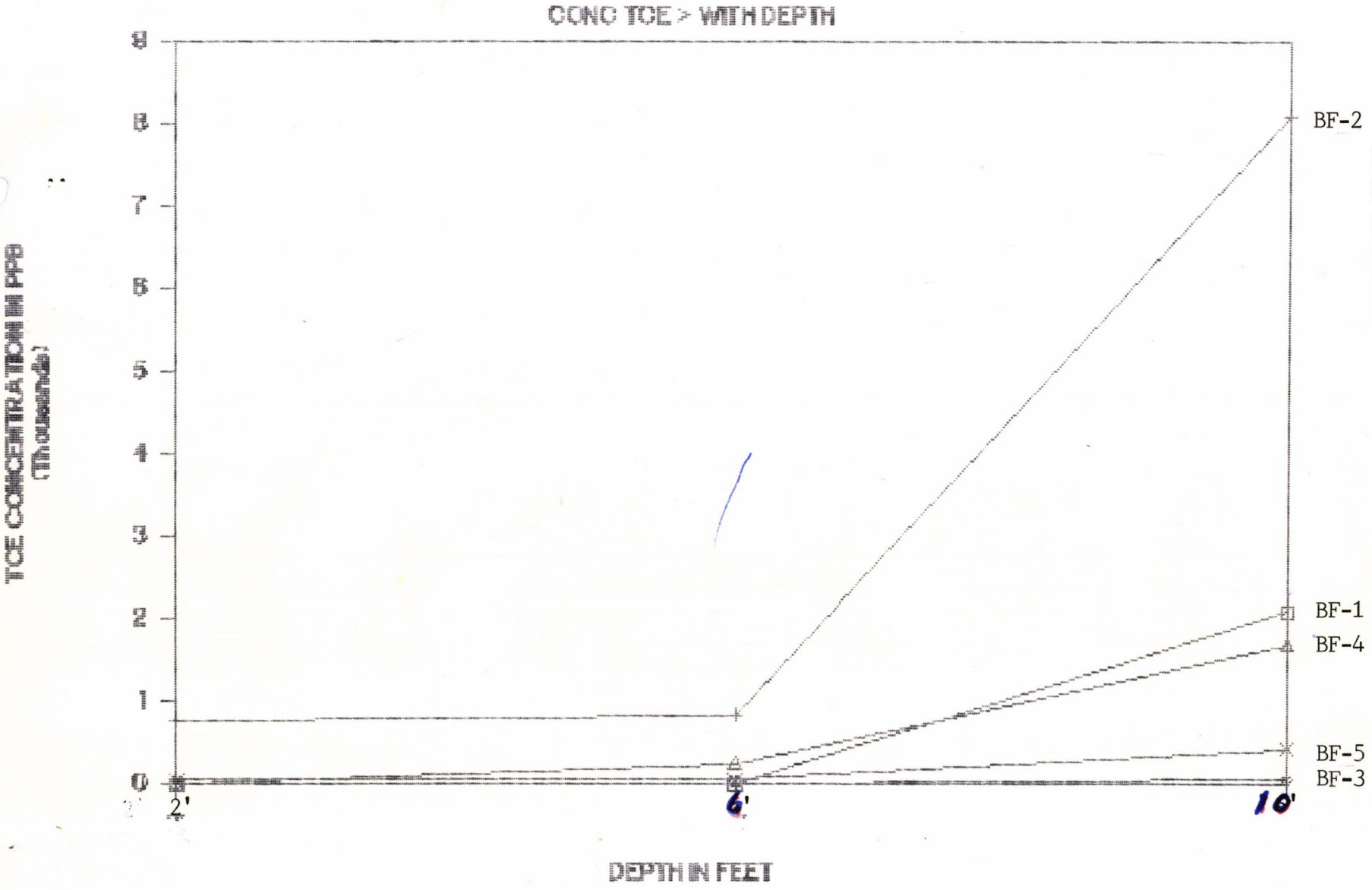
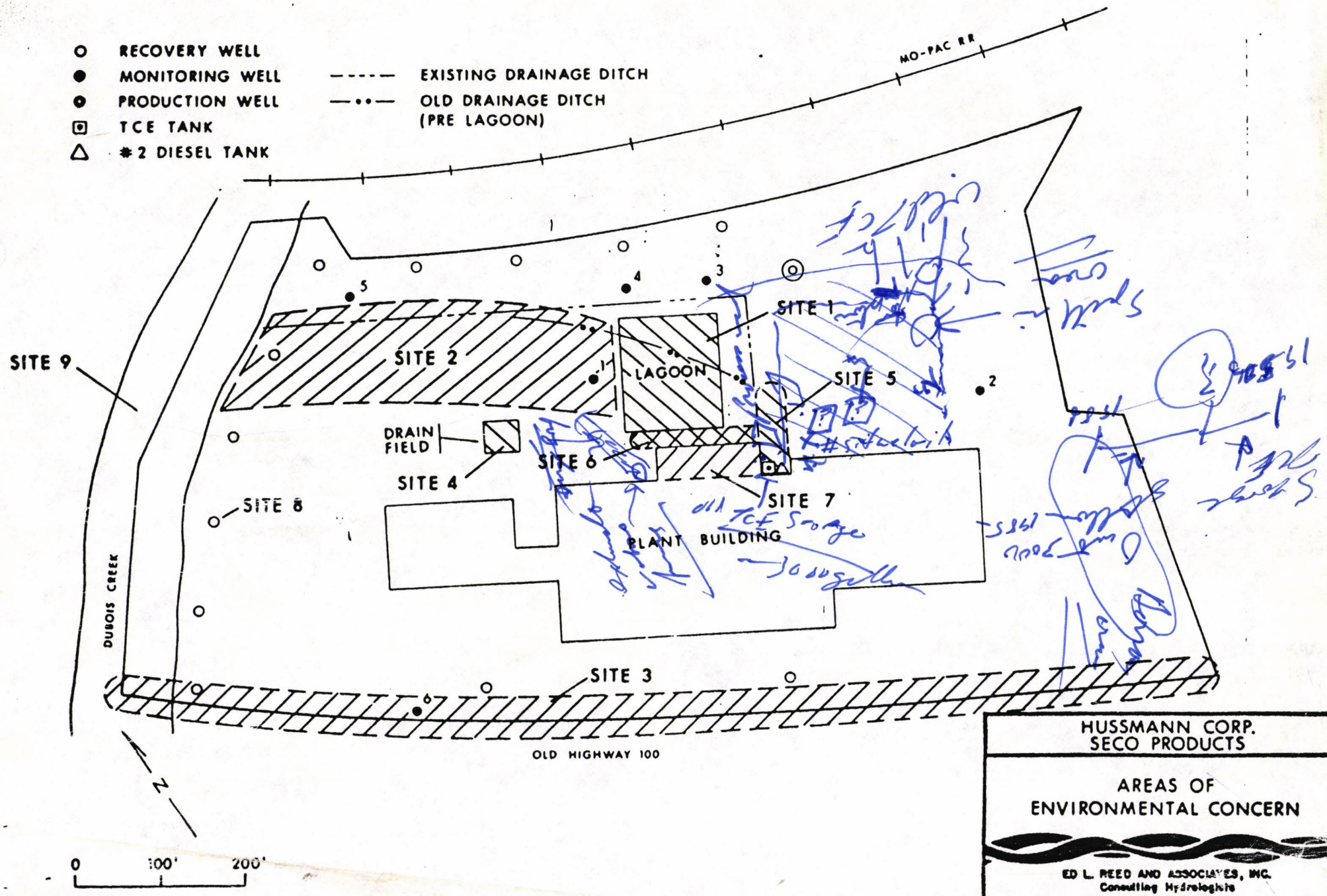
SECO TCE CONC v.s. DEPTH (FENCE LINE BORINGS)



R00329272
RCRA RECORDS CENTER



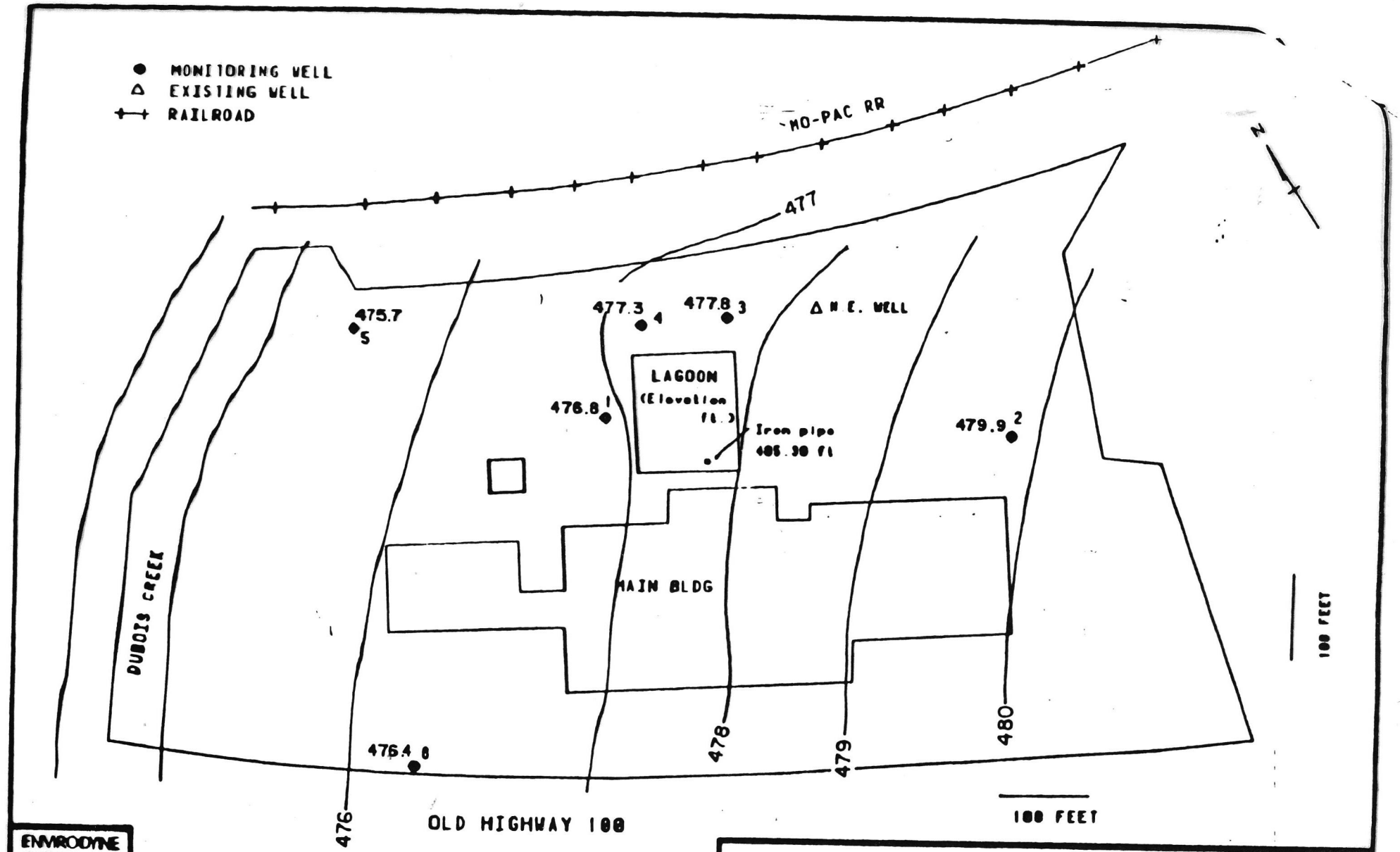
HUSSMANN CORP.
SECO PRODUCTS

AREAS OF ENVIRONMENTAL CONCERN

ED L. REED AND ASSOCIATES, INC.
Consulting Hydrologists
Corpus Christi, Tx.
Midland, Tx.

Date: 8-85

Figure: 4



ENVIRODYNE ENGINEERS

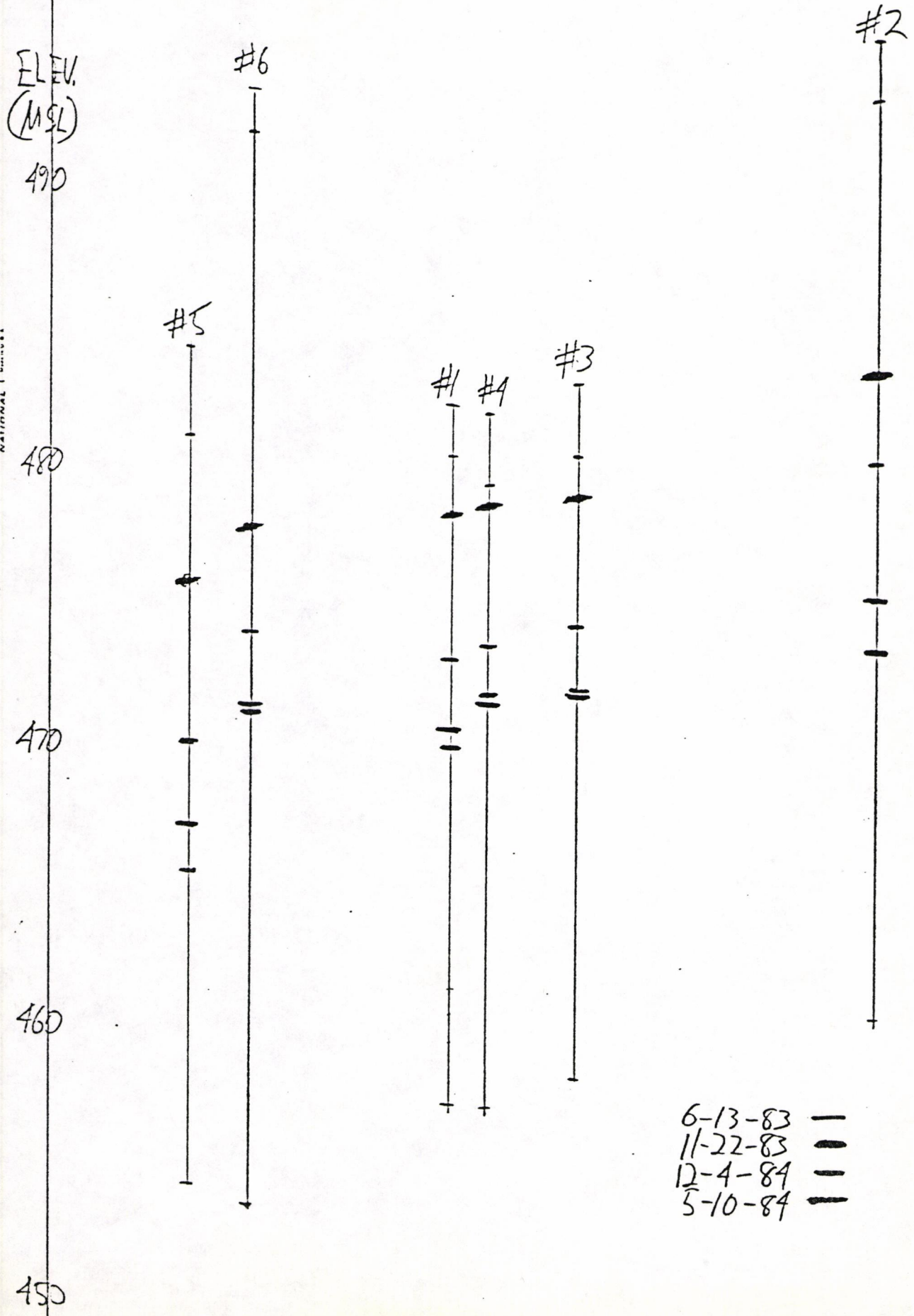
Groundwater elevations
Measured on 7-5-84
Groundwater contours in ft

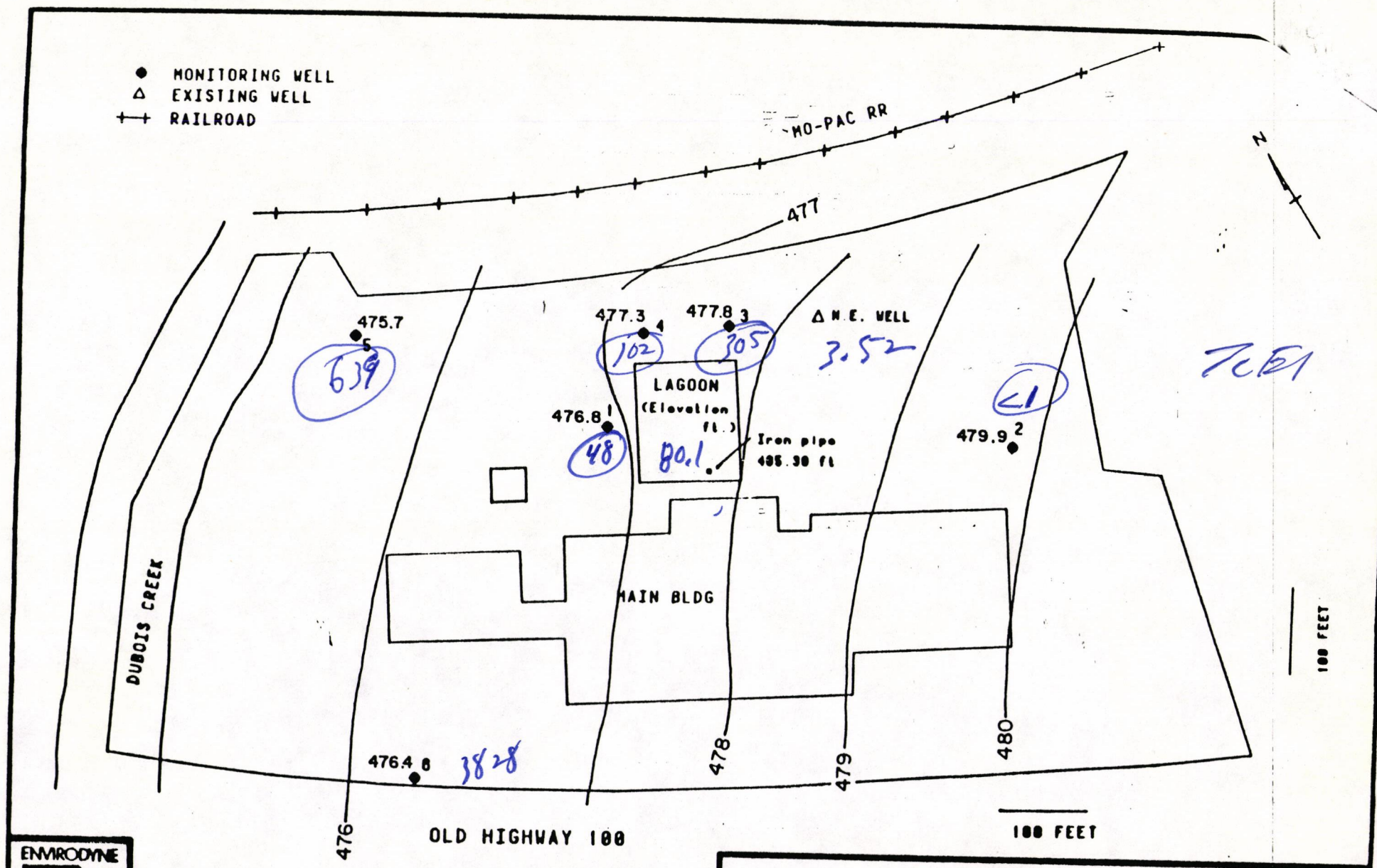
FIGURE 2

SECO - MONITORING WELL LOCATIONS
DURING HIGH WATER TABLE

DELC

Section A-A



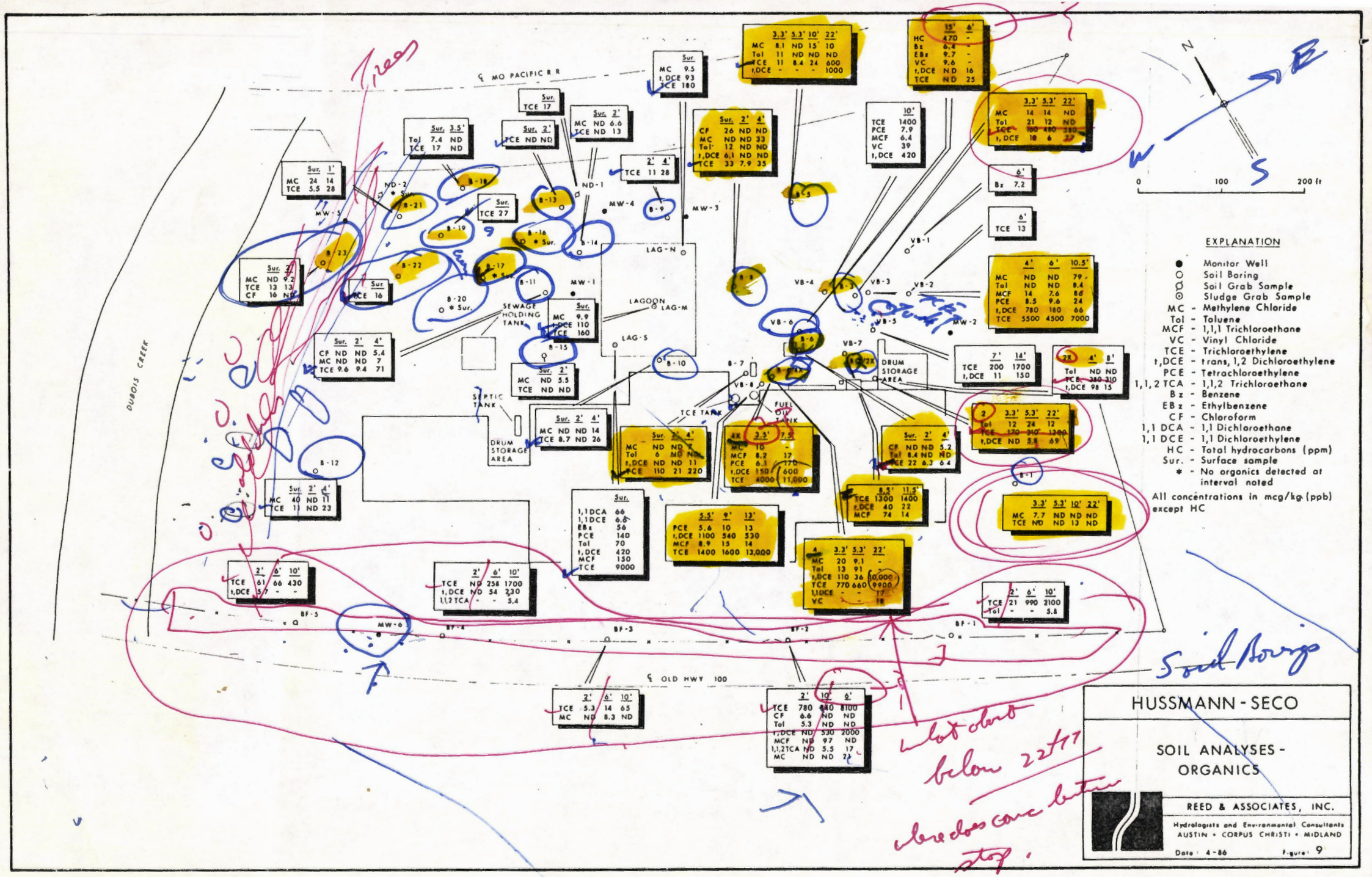


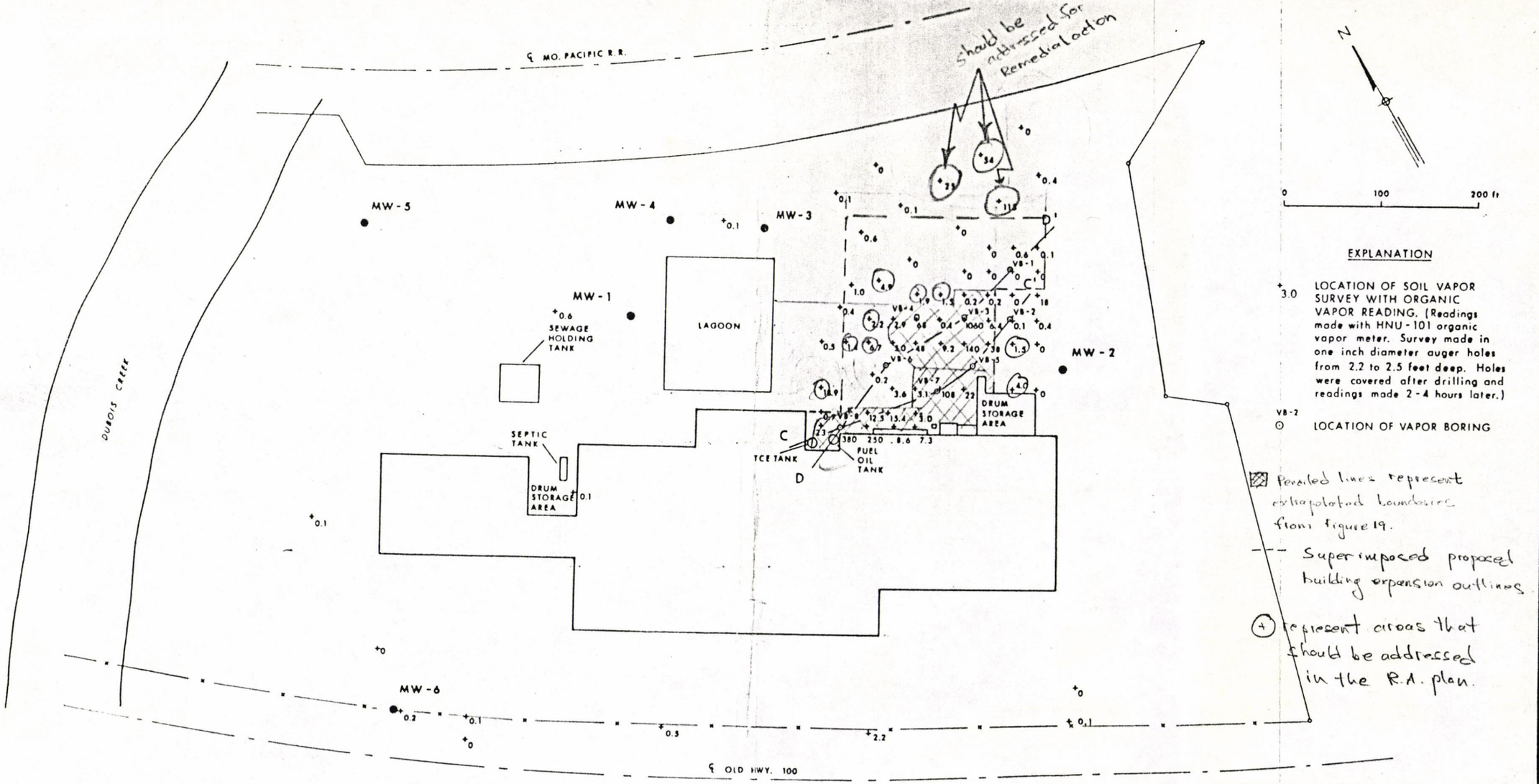
ENVIRODYNE ENGINEERS

Groundwater elevations
Measured on 7-5-84
Groundwater contours in ft

FIGURE 2

SECO - MONITORING WELL LOCATIONS
DURING HIGH WATER TABLE


℄ MO PACIFIC R R
℄ OLD HWY 100
DUBOIS CREEK
LAG-N
LAGOON
LAG-M
LAG-S
SEWAGE HOLDING TANK
SEPTIC TANK
DRUM STORAGE AREA
TCE TANK
FUEL OIL TANK
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
ND-1
ND-2
VB-1
VB-2
VB-3
VB-4
VB-5
VB-6
VB-7
VB-8
BF-1
BF-2
BF-3
BF-4
BF-5
0 100 200 ft
N
S
E
W
EXPLANATION
Monitor Well
Soil Boring
Soil Grab Sample
Sludge Grab Sample
MC - Methylene Chloride
Tol - Toluene
MCF - 1,1,1 Trichloroethane
VC - Vinyl Chloride
TCE - Trichloroethylene
t,DCE - trans, 1,2 Dichloroethylene
PCE - Tetrachloroethylene
1,1,2 TCA - 1,1,2 Trichloroethane
Bz - Benzene
EBz - Ethylbenzene
CF - Chloroform
1,1 DCA - 1,1 Dichloroethane
1,1 DCE - 1,1 Dichloroethylene
HC - Total hydrocarbons (ppm)
Sur. - Surface sample
* - No organics detected at interval noted
All concentrations in mcg/kg (ppb) except HC
HUSSMANN - SECO
SOIL ANALYSES - ORGANICS
REED & ASSOCIATES, INC.
Hydrologists and Environmental Consultants
AUSTIN • CORPUS CHRISTI • MIDLAND
Date: 4-86
Figure: 9



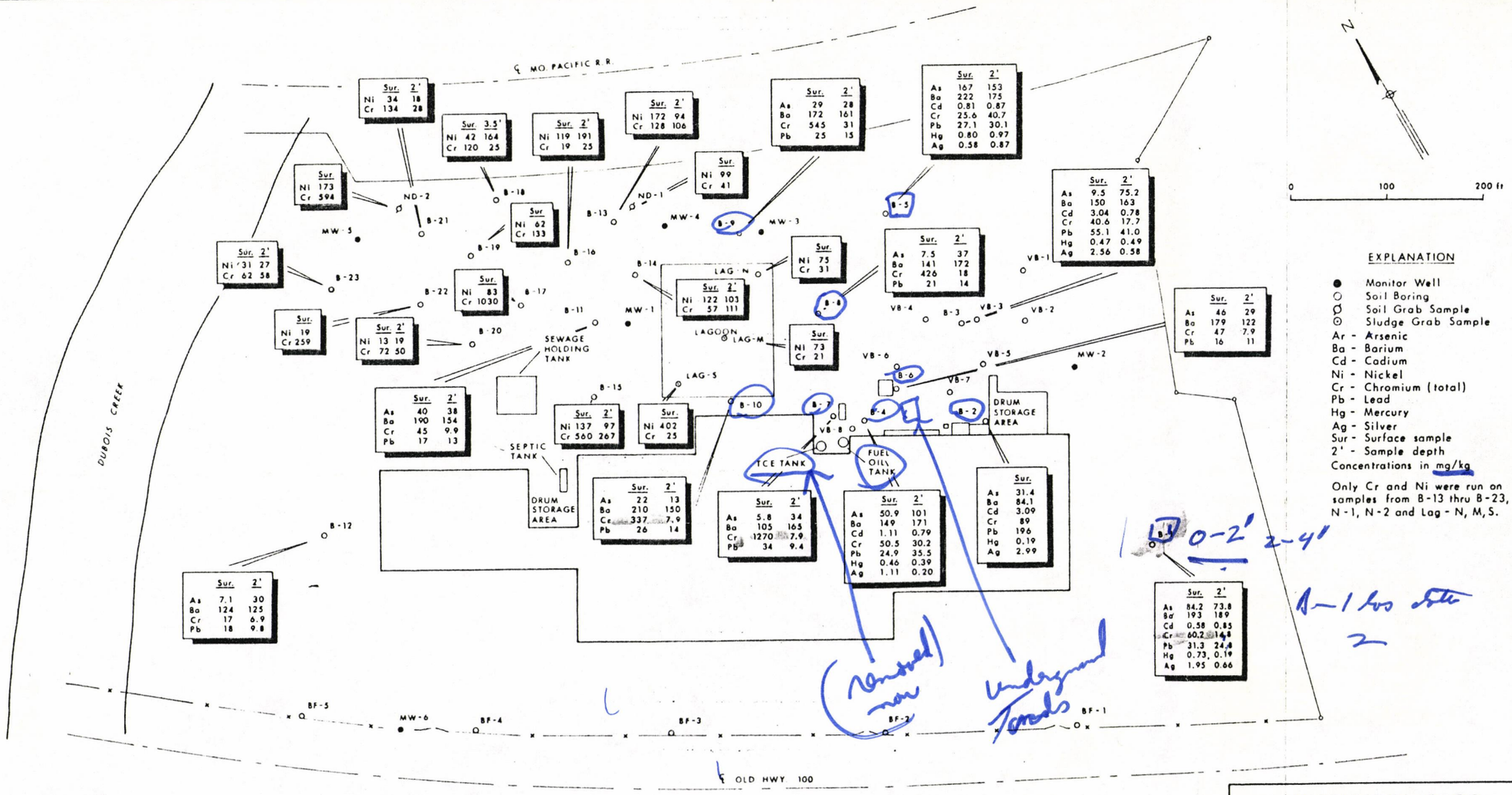
HUSSMANN-SECO

ORGANIC VAPOR SURVEY-SHALLOW SOIL

REED & ASSOCIATES, INC.

Hydrologists and Environmental Consultants
AUSTIN • CORPUS CHRISTI • MIDLAND

Date 5-86 Figure 10



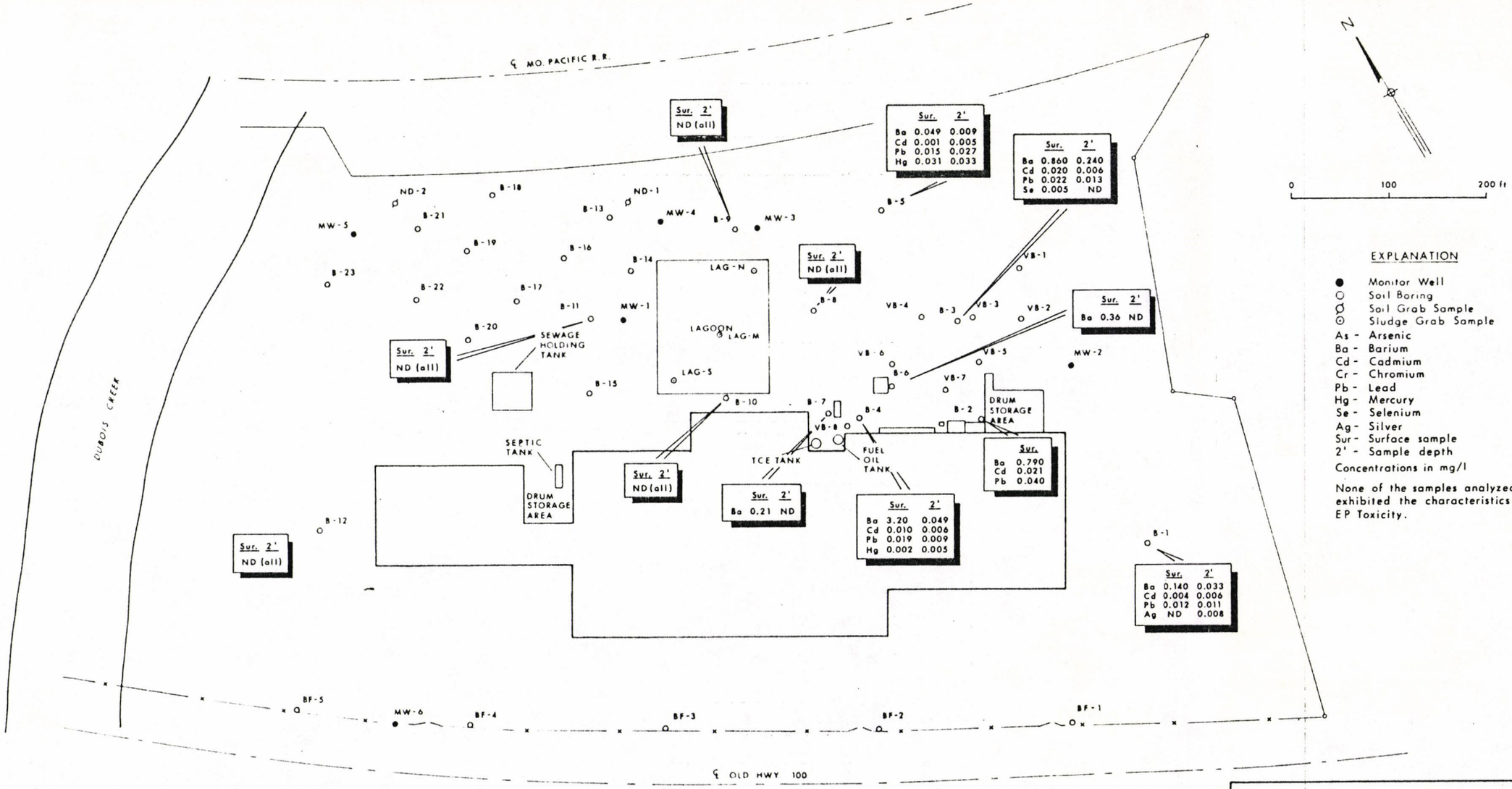
HUSSMANN - SECO

SOIL ANALYSES - TOTAL METALS

REED & ASSOCIATES, INC.

Hydrologists and Environmental Consultants
AUSTIN • CORPUS CHRISTI • MIDLAND

Date 4-86 Figure 7



EXPLANATION

- ● Monitor Well
- ○ Soil Boring
- Ø Soil Grab Sample
- ⊙ Sludge Grab Sample

As - Arsenic
Ba - Barium
Cd - Cadmium
Cr - Chromium
Pb - Lead
Hg - Mercury
Se - Selenium
Ag - Silver
Sur - Surface sample
2' - Sample depth

Concentrations in mg/l

None of the samples analyzed exhibited the characteristics of EP Toxicity.

HUSSMANN - SECO

SOIL ANALYSES - EP TOXICITY METALS

REED & ASSOCIATES, INC.
Hydrologists and Environmental Consultants
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Date 4-86 Figure 8

154A

A:SEC01 P08 L12 C01 Insert Align Large-File

(All results are in parts per billion)

1,1,1-trichloroethane	7.7	MW-1	1/21/86
cadmium	4,900	outfall 001 - Alluvial fan (sediments) 8/20/87	
chromium	5,000,000	Pot. waste deposition area (soil) 8/20/87	
mercury	~~1400~~ 390	Dubois Creek -upstream (water) 8/20/87	300 outfall 002
arsenic	20	MW-4	10/28/83
lead	700,000	former exhaust conduit location (soil) 8/20/87	
selenium	9	PROD.	9/9/85
trichloroethylene	3,828	MW-6	12/1/84
cyanide	20,000	MW-1	6/13/83
nickel	2,000,000	~~MW-1 6/13/83~~ former exhaust conduit location (soil) 8/20/87	
phenols	8	MW-1	10/1/82
barium	2,700,000	Pot. waste deposition area (soil) 8/20/87	
trans-1,2,-dichloroethylene	380	MW-6	1/23/86

24. 1,1,1-Trichloroethane (1,1,1-TCA) causes central nervous system depression, including anesthesia at very high concentrations and impairment of coordination, equilibrium, and

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1Help 2Undo 3Undrlin4Bold 5DelLine6DelWord7Align 8Ruler 9Save & 0Done