



PECHINEY GROUP

Rohinton M. Rivetna, P.E.
Director
Environmental Compliance
Advanced Corporate Technology

American National Can Company
Mail Suite 04D
8770 West Bryn Mawr Avenue
Chicago, Illinois 60631-3504

(312) 399-3392
Fax (312) 399-8430

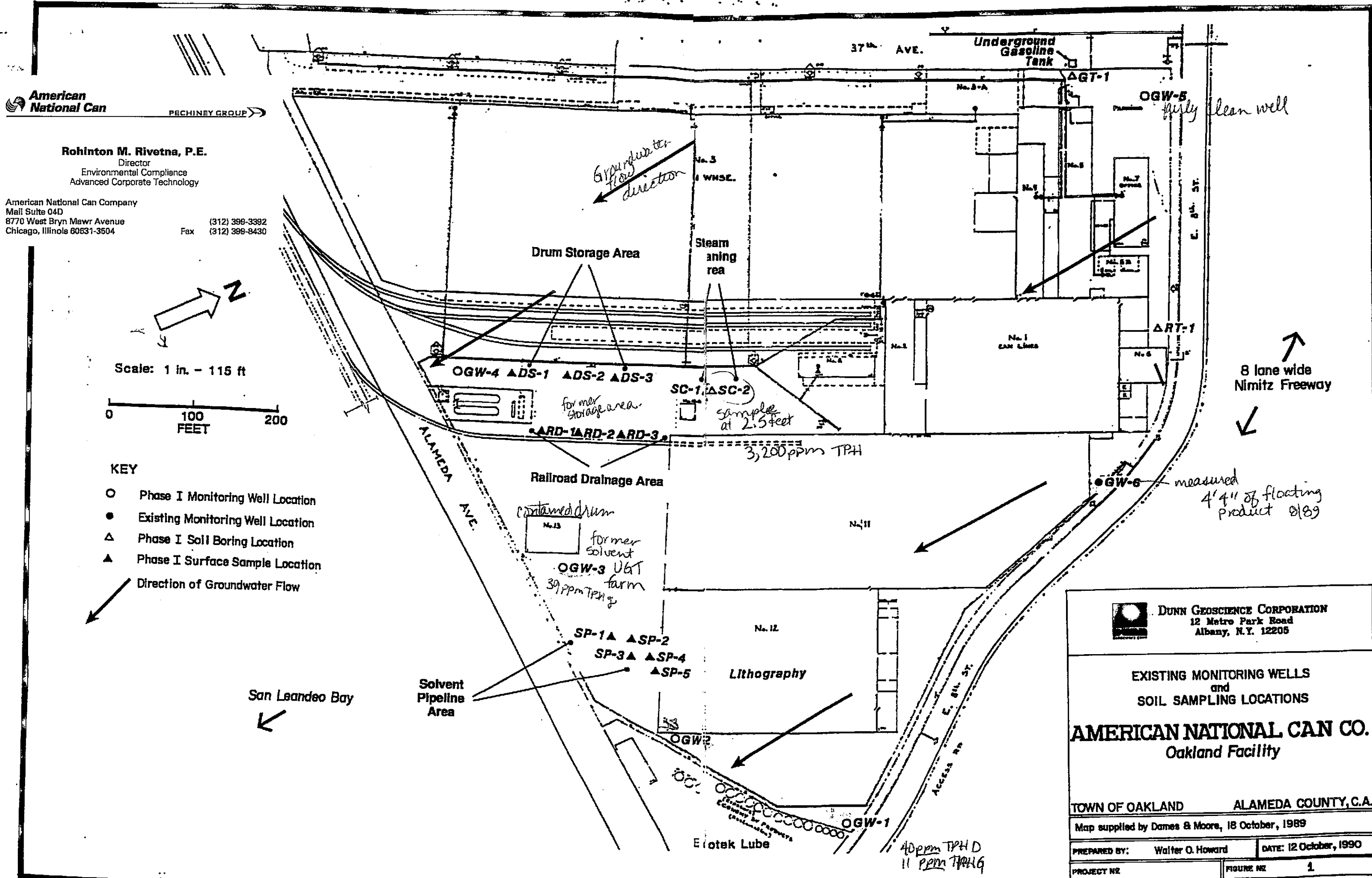


Scale: 1 in. = 115 ft



KEY

- Phase I Monitoring Well Location
- Existing Monitoring Well Location
- △ Phase I Soil Boring Location
- ▲ Phase I Surface Sample Location
- Direction of Groundwater Flow



DUNN GEOSCIENCE CORPORATION
12 Metro Park Road
Albany, N.Y. 12205

**EXISTING MONITORING WELLS
and
SOIL SAMPLING LOCATIONS
AMERICAN NATIONAL CAN CO.
Oakland Facility**

TOWN OF OAKLAND ALAMEDA COUNTY, C.A.

Map supplied by Dames & Moore, 18 October, 1989

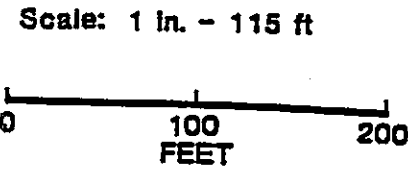
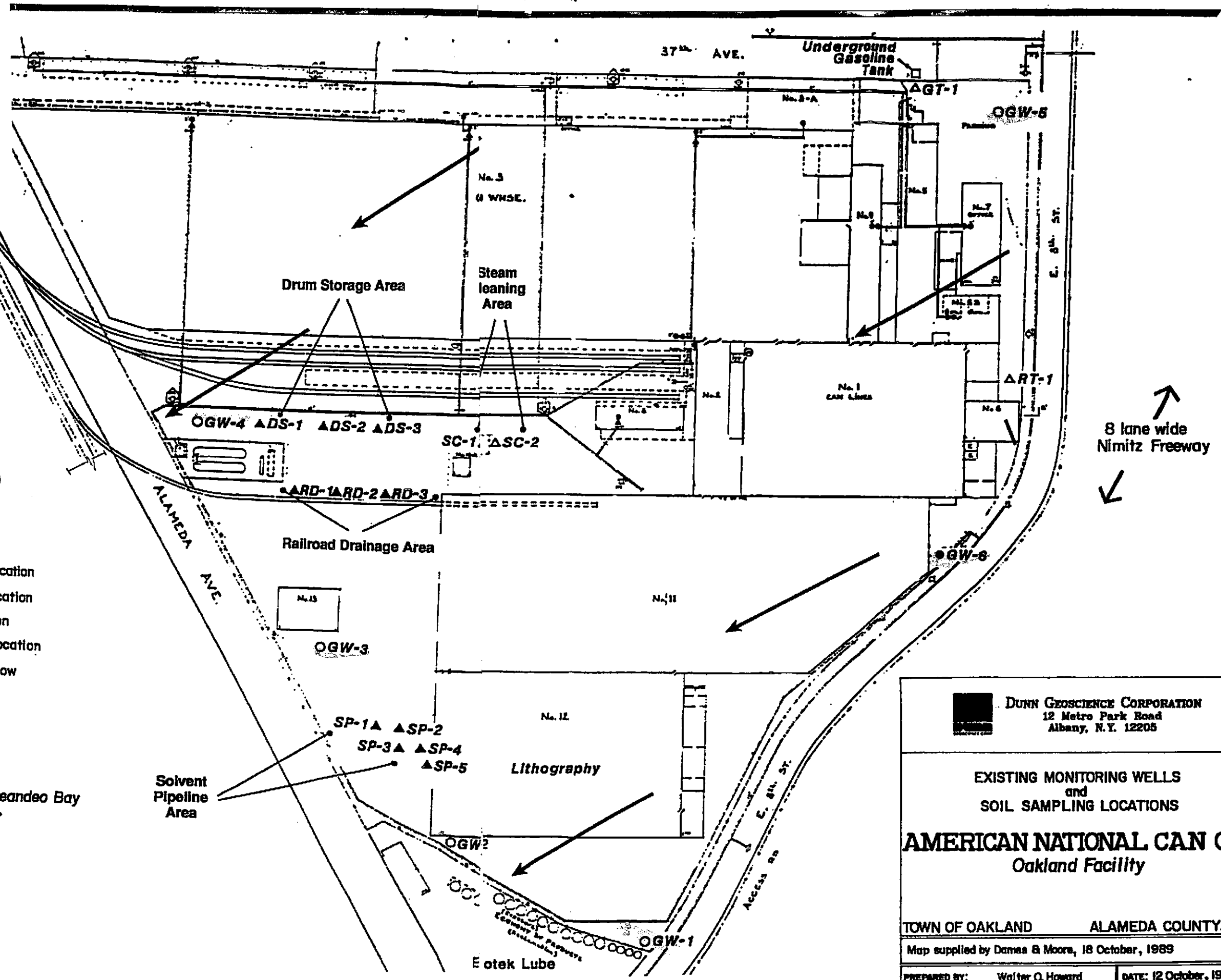
PREPARED BY: Walter O. Howard DATE: 12 October, 1990

PROJECT NO. FIGURE NO. 1

Thomas N. Eagleson
Sr. Vice President
Manufacturing
Food Metal—North America



American National Can Company
Mail Suite 12B
8770 West Bryn Mawr Avenue
Chicago, Illinois 60631-3542



- KEY**
- Phase I Monitoring Well Location
 - Existing Monitoring Well Location
 - △ Phase I Soil Boring Location
 - ▲ Phase I Surface Sample Location
 - ↘ Direction of Groundwater Flow

8 lane wide
Nimitz Freeway

San Leandro Bay

DUNN GEOSCIENCE CORPORATION
12 Metro Park Road
Albany, N.Y. 12205

**EXISTING MONITORING WELLS
and
SOIL SAMPLING LOCATIONS**

AMERICAN NATIONAL CAN CO.
Oakland Facility

TOWN OF OAKLAND ALAMEDA COUNTY, C.A.

Map supplied by Dames & Moore, 18 October, 1989

PREPARED BY: Walter O. Howard	DATE: 12 October, 1990
PROJECT NO:	FIGURE NO: 1

S U M M A R Y

3/2

MAJOR: 191,008 SF 1164 CARS

PAD 2: 9,000 SF 36 CARS

PADS 1+3: 6,500 SF 53 CARS

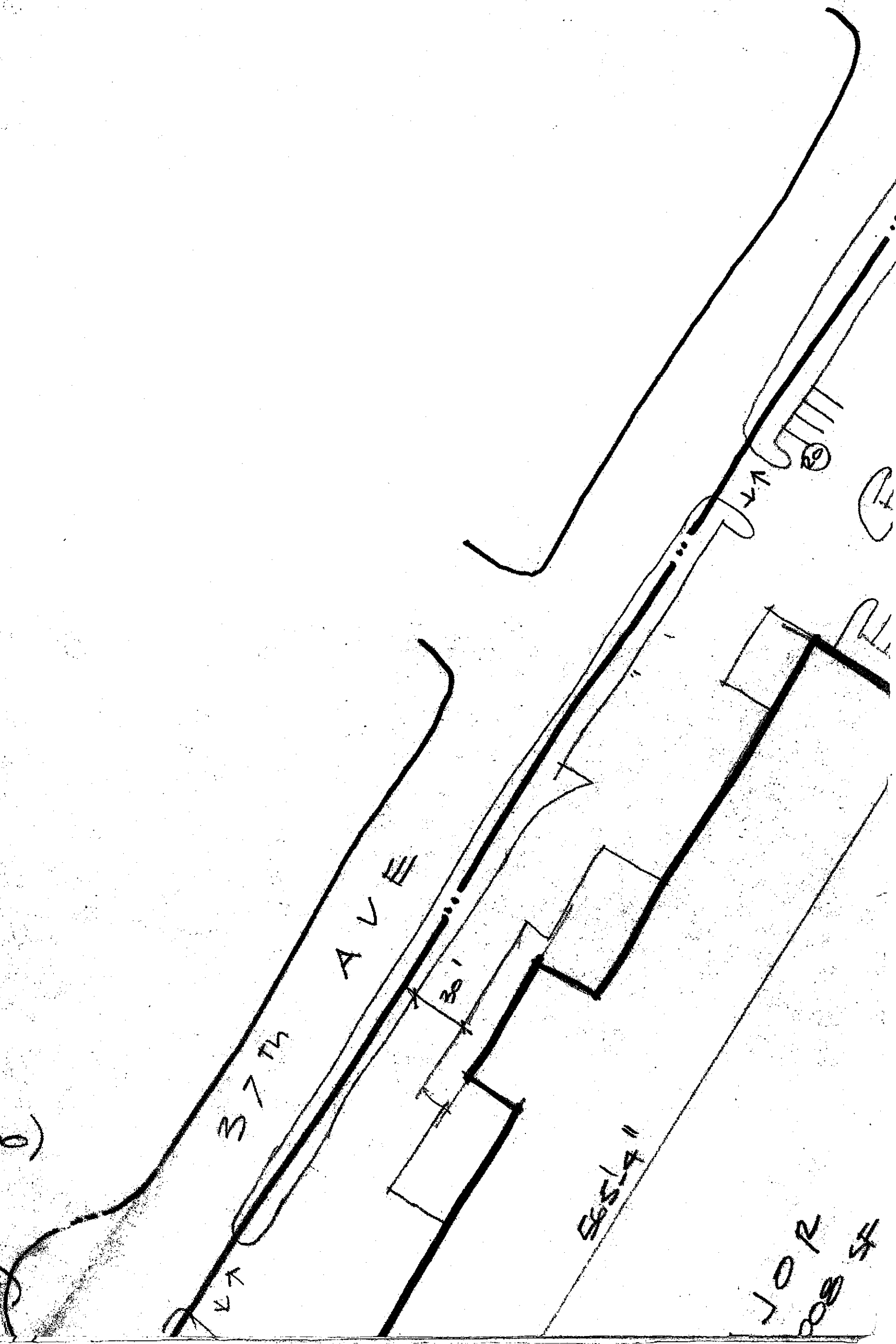
206,508 SF 1253 CARS (WITH

6/93

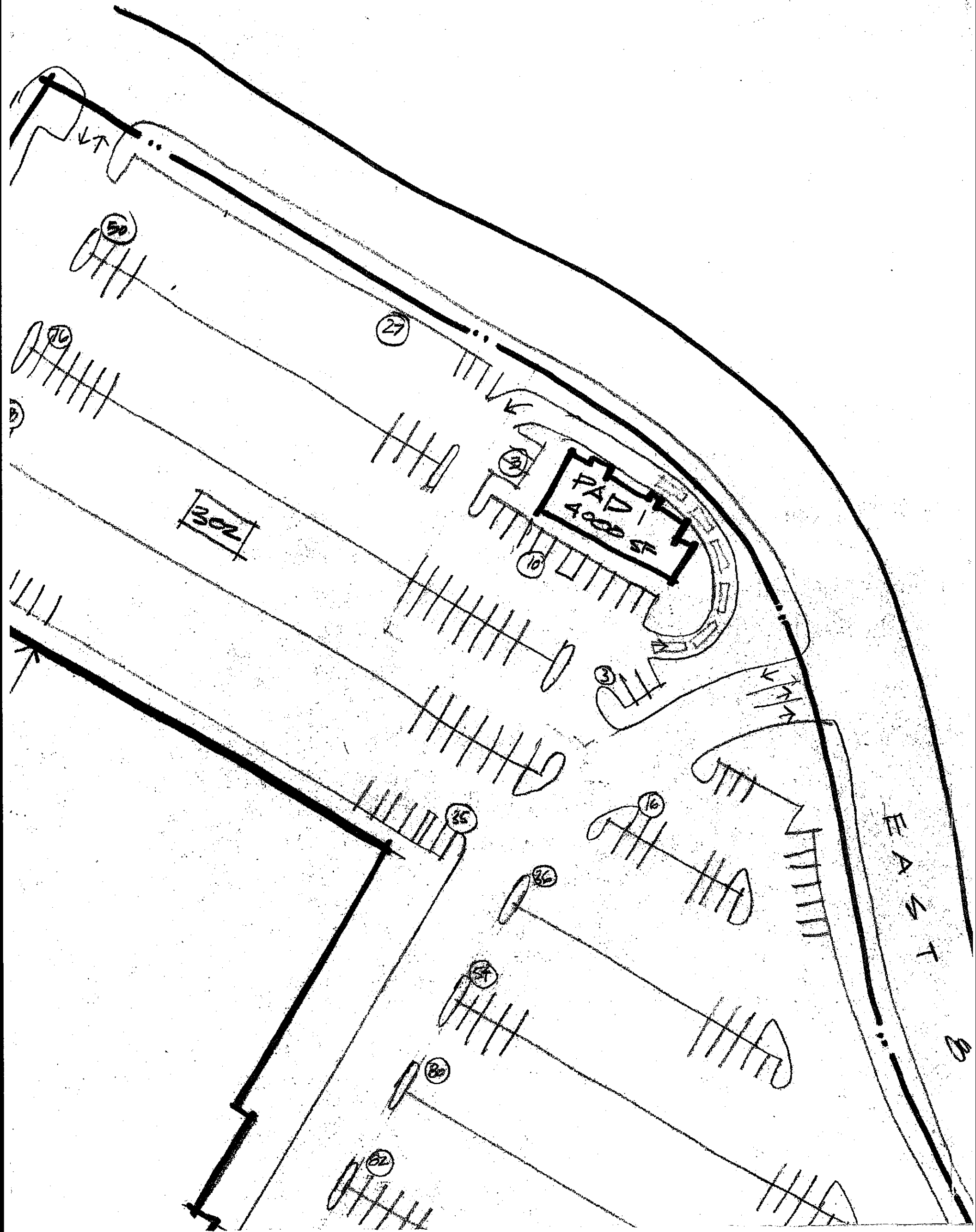
(1/1000)

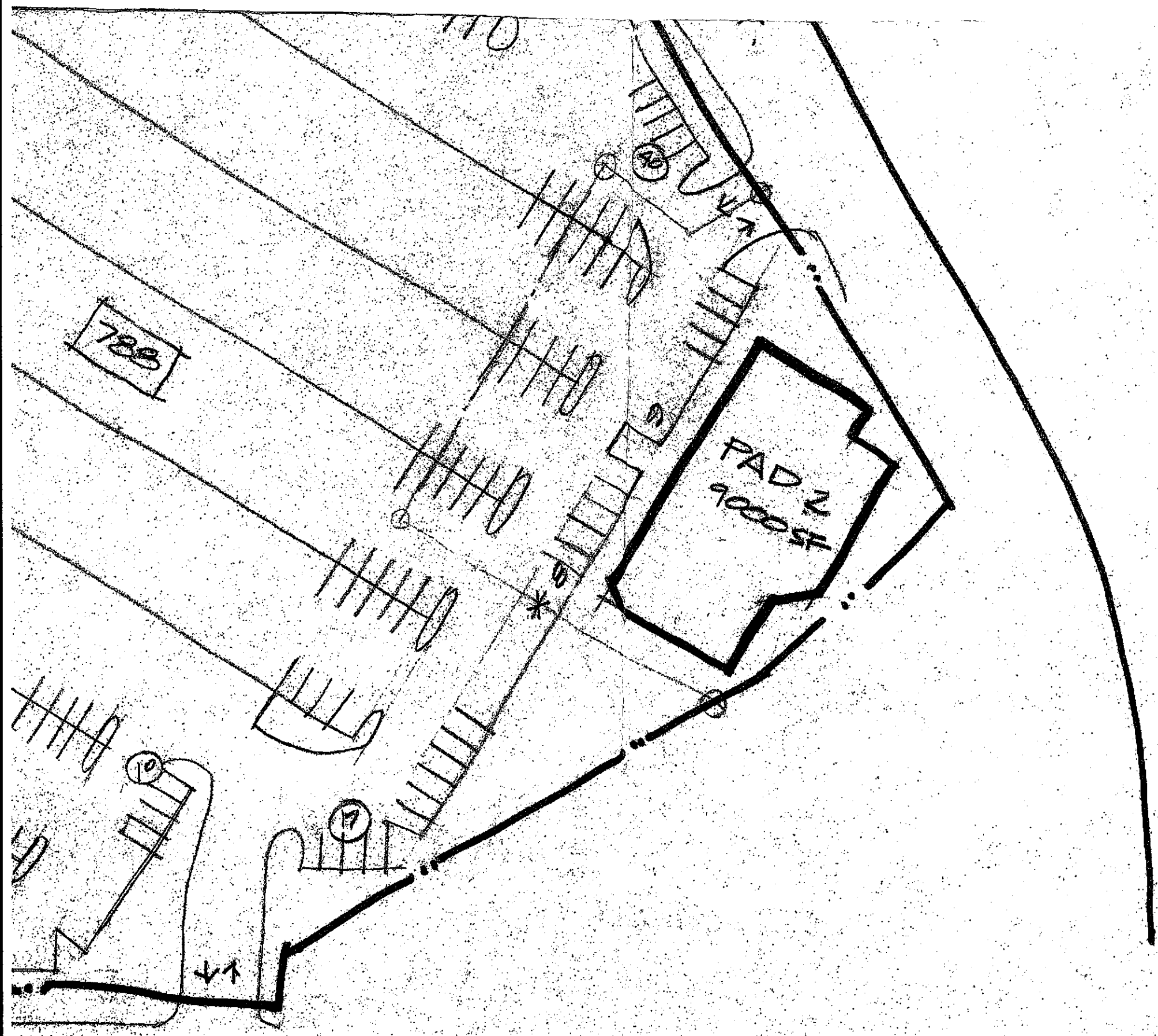
(1000)

(1000)
(2 stacked)

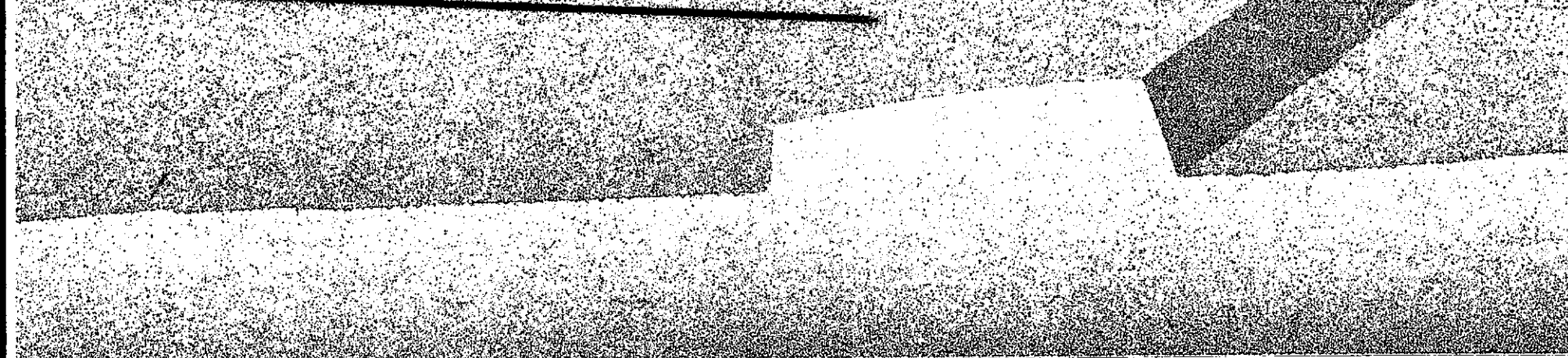


10R
208 SF





MENT



MY 191

GARDEN SHOP

2031

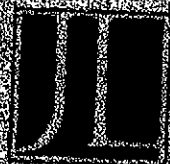
201

205

PAD 3
2500SF

ALAMEDA AVE

AN CAN REDEVELOP

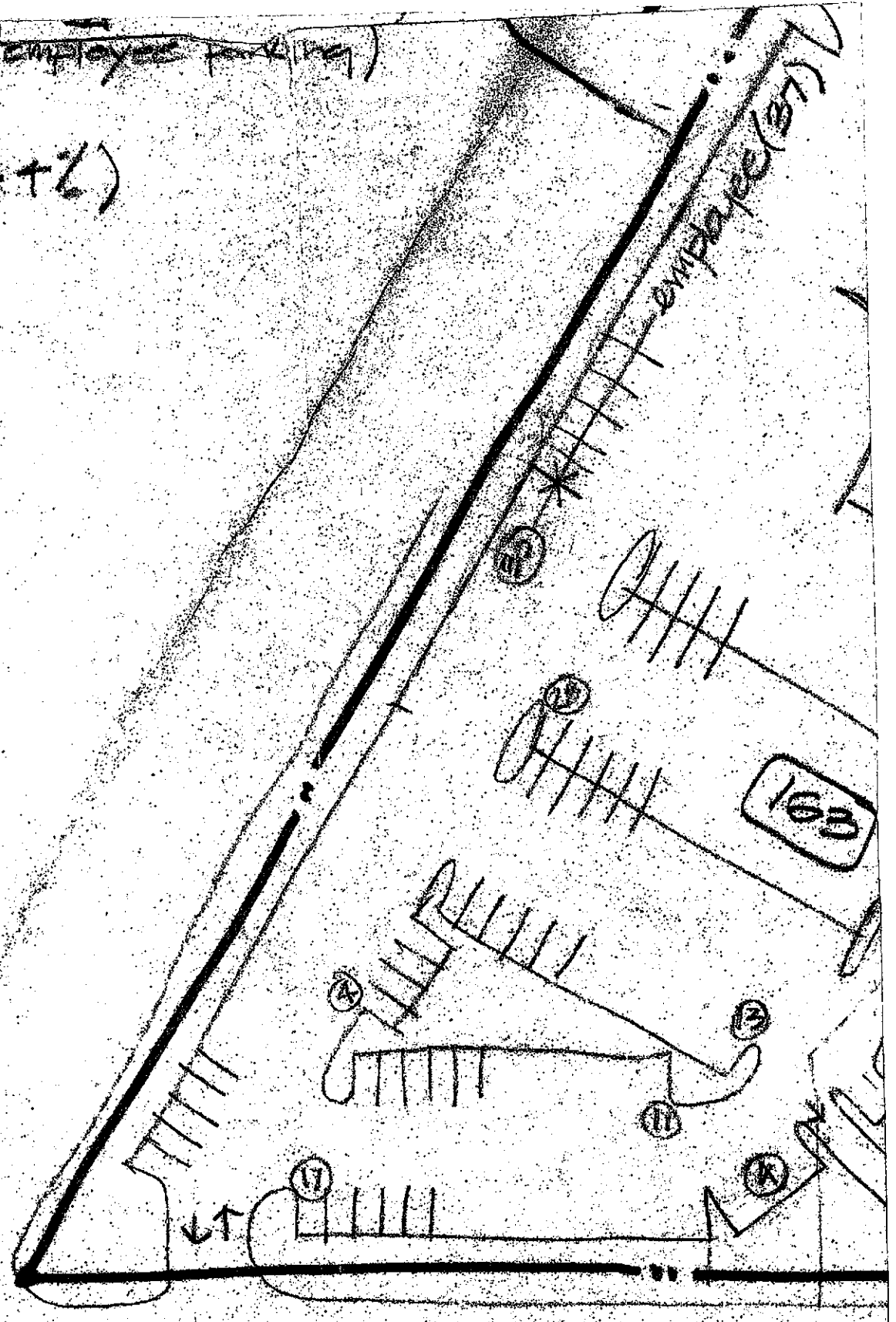


JOHNSON
LYMAN
ARCHITECTS

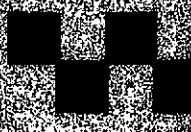
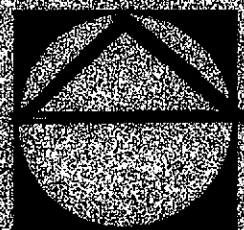
175 LOCUST ST #200 - WALNUT CREEK, CA 94596
916/938-1100 FAX 916/938-1101

(employees 1000)

SITE 18.7 ACRES (25+%)



AMERI

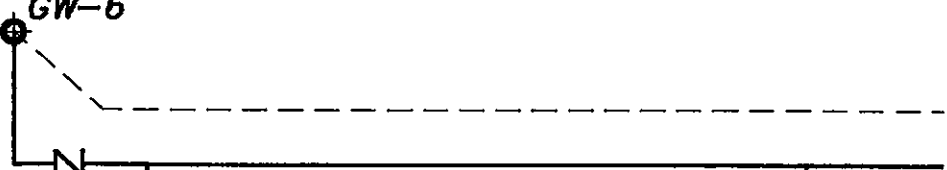
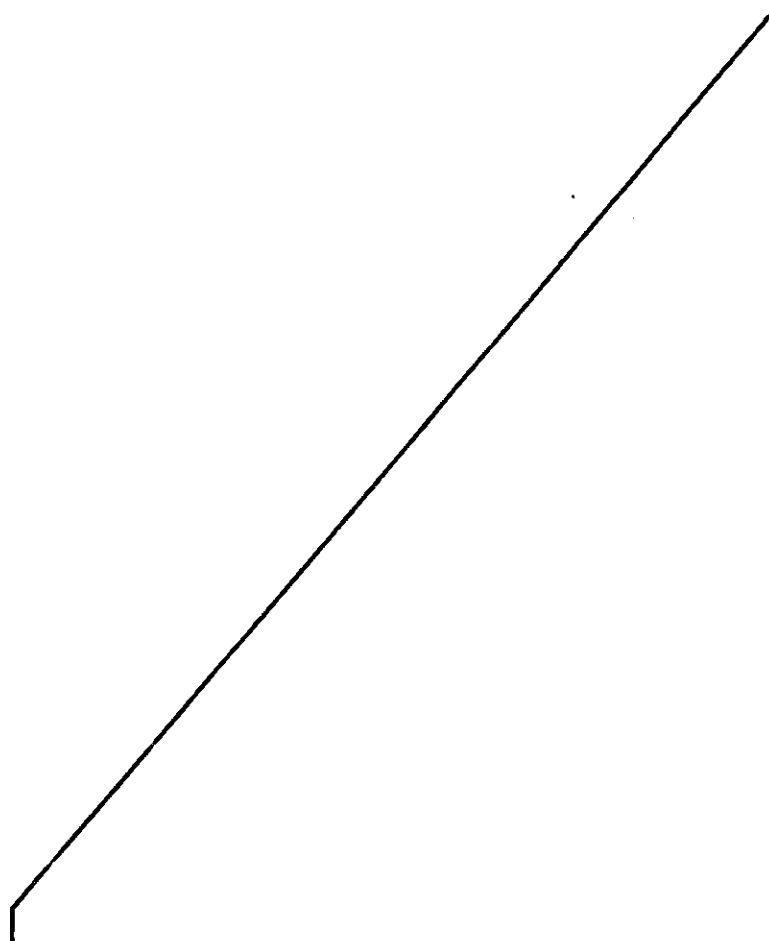
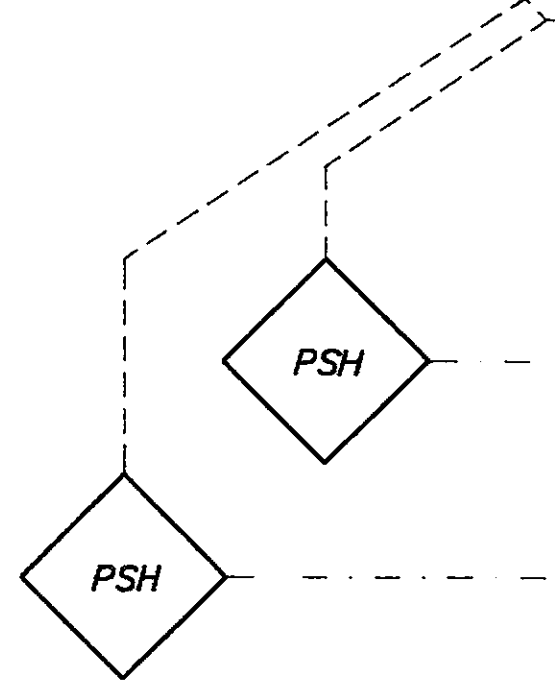
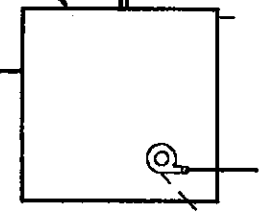
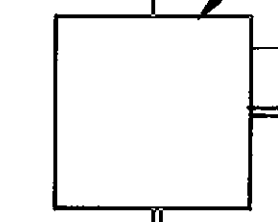


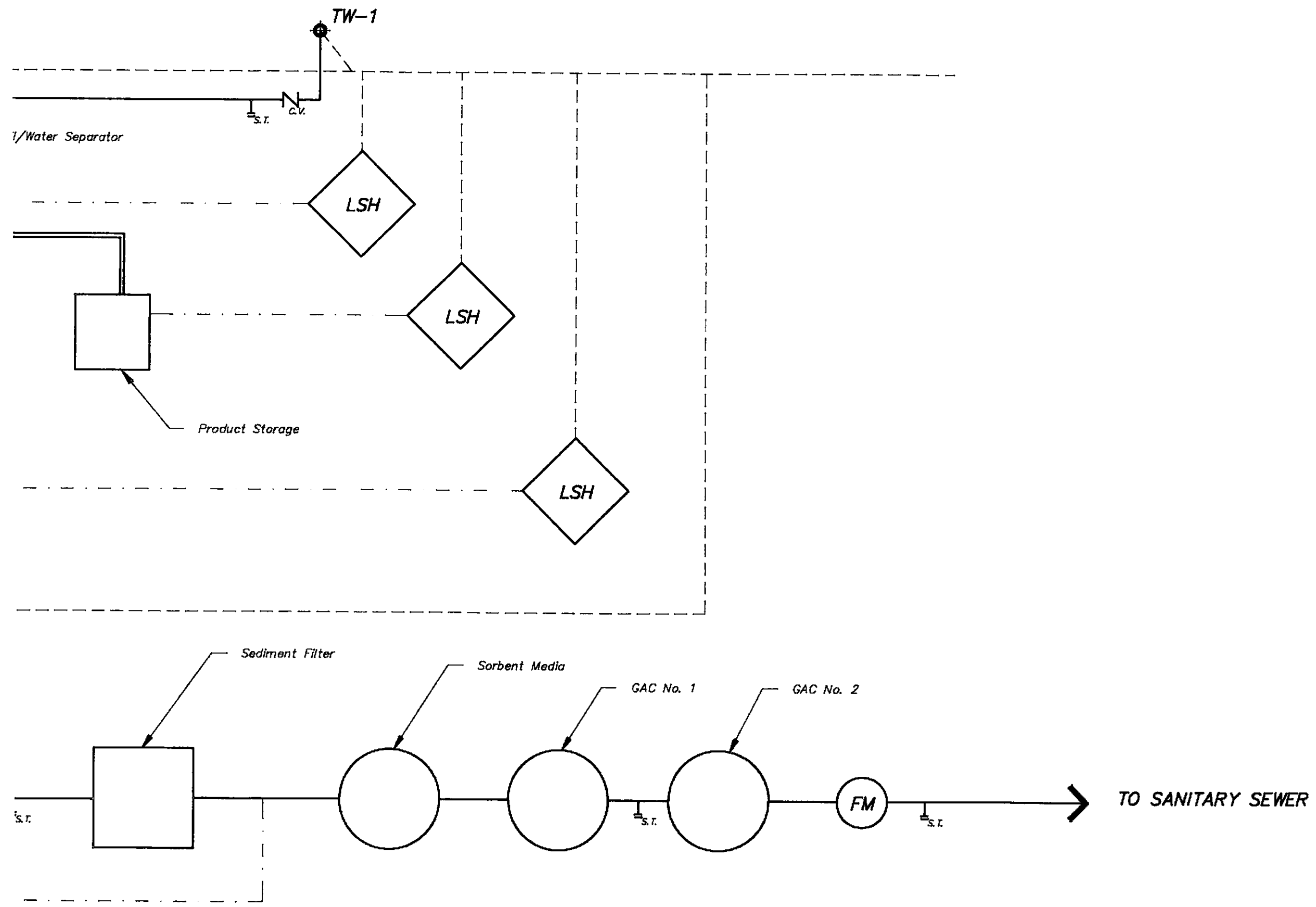
AREA 2

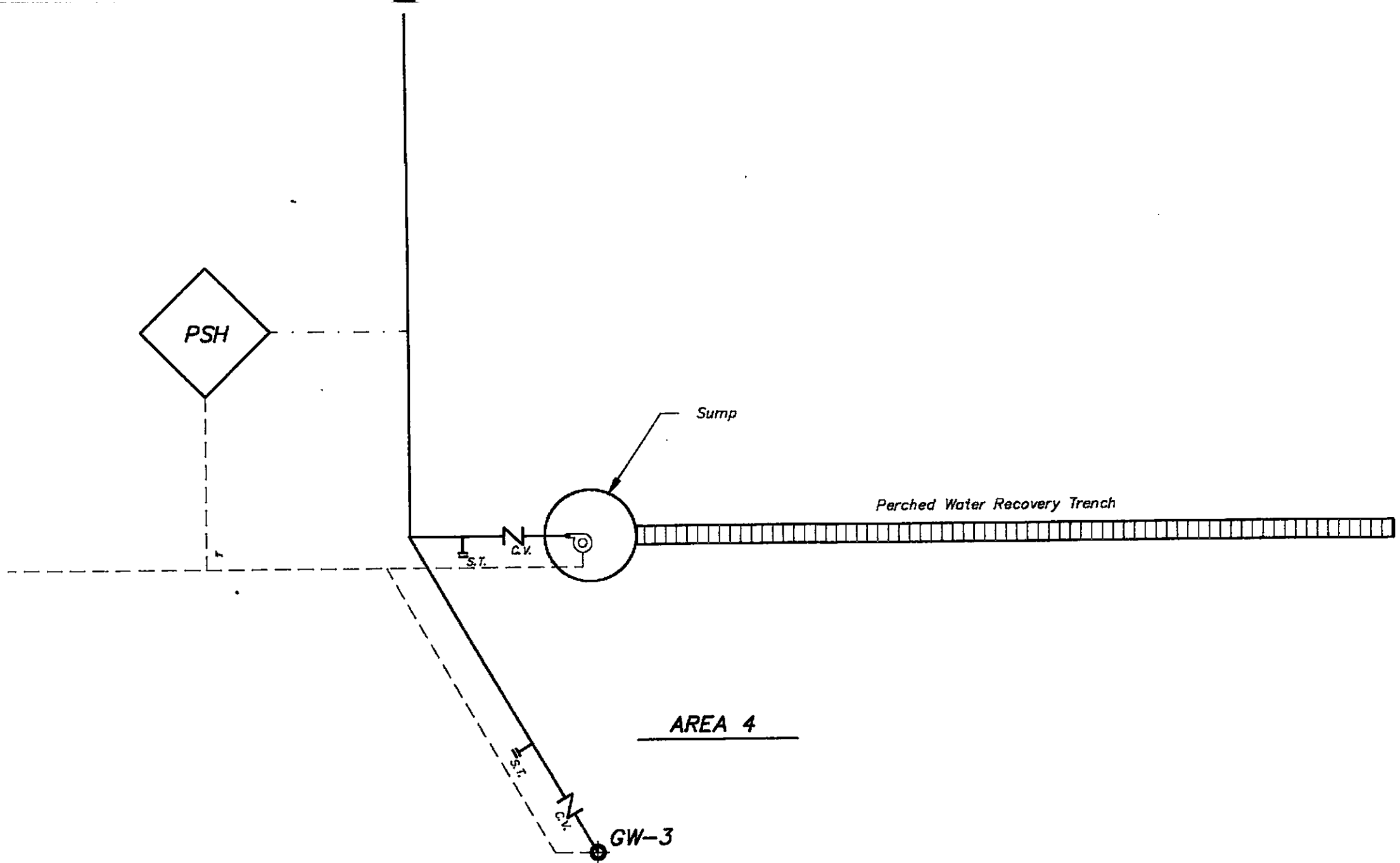
GW-6

C.V.
S.I.

Equalization Storage







NOTES

1.) This drawing is for permitting purposes only and is not intended for construction.


LEGEND


————— Water Line (pressure)

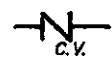
===== Water Line (gravity)

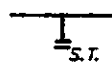
----- Electrical Power Line


— Control Line

 High Level Shut Off


 High Pressure Shut Off

 Check Valve

 Water Sampling Tap

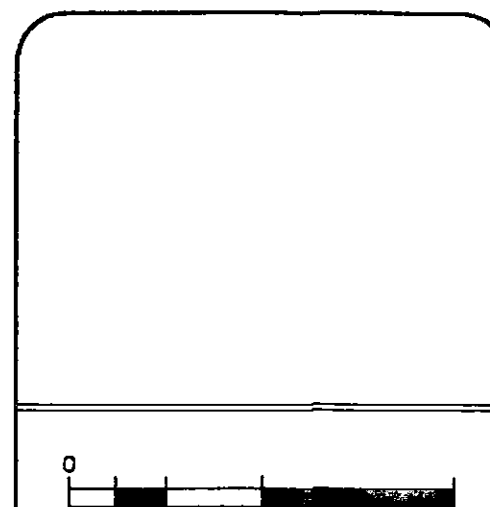
 Flow Meter

 Submersible Pump

 Recovery Well

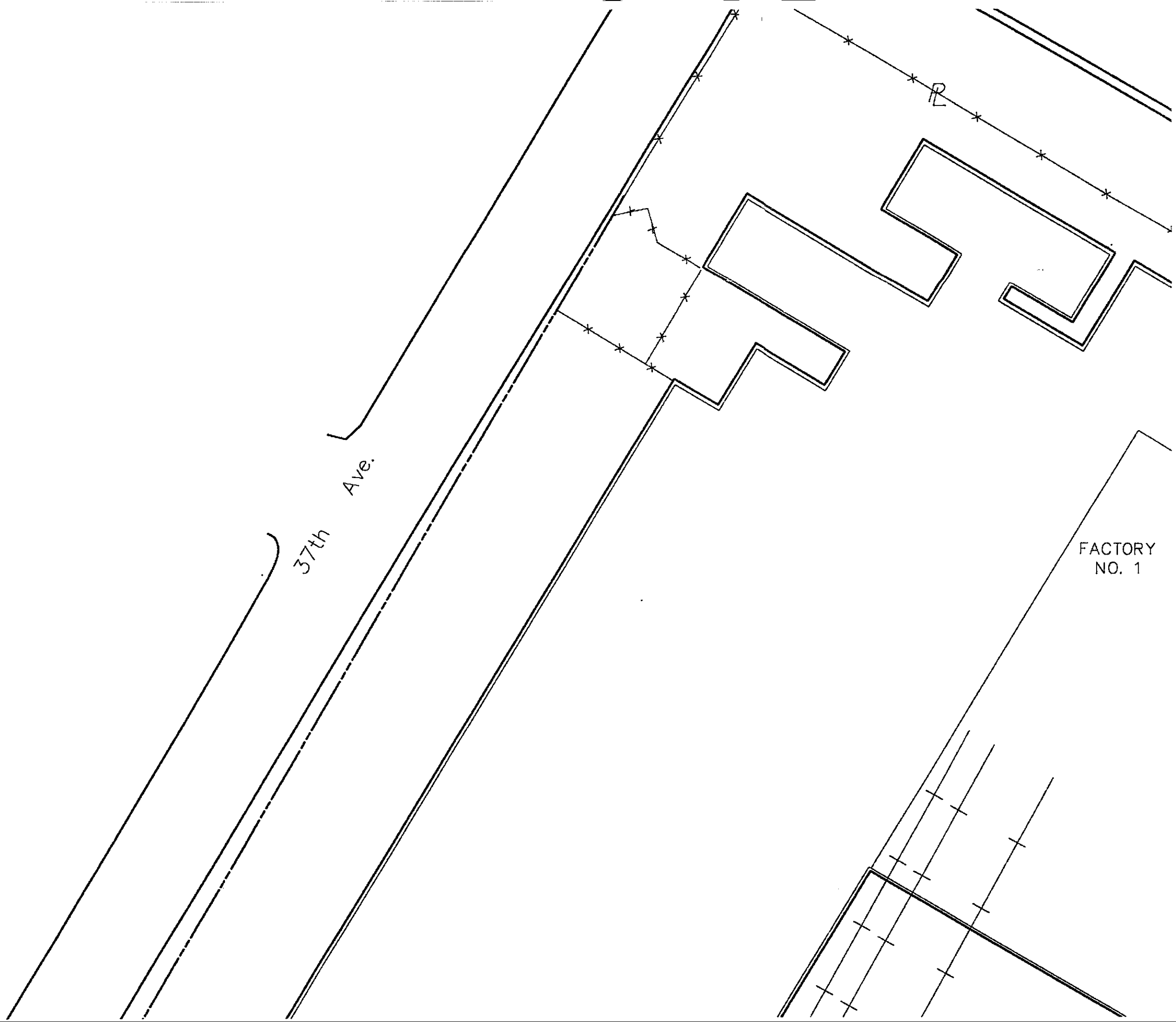
ALTERATION OR
THIS DRAWING IS A

	NO.	REVISIONS	BY	DATE
PROJ. MGR: Edward W. Alusow				
PROJ. ENG. Alan Tavenner, P.E.				
PREPARED BY: Alan Tavenner, P.E.				
DRAFTED BY: R.J. Near				
CHECKED BY: Joseph Slack, P.E.				
PROJ. NO.: 02345-01983				
DATE: June 1992				
DATUM: --				
CONTOUR INTERVAL = -- FEET				



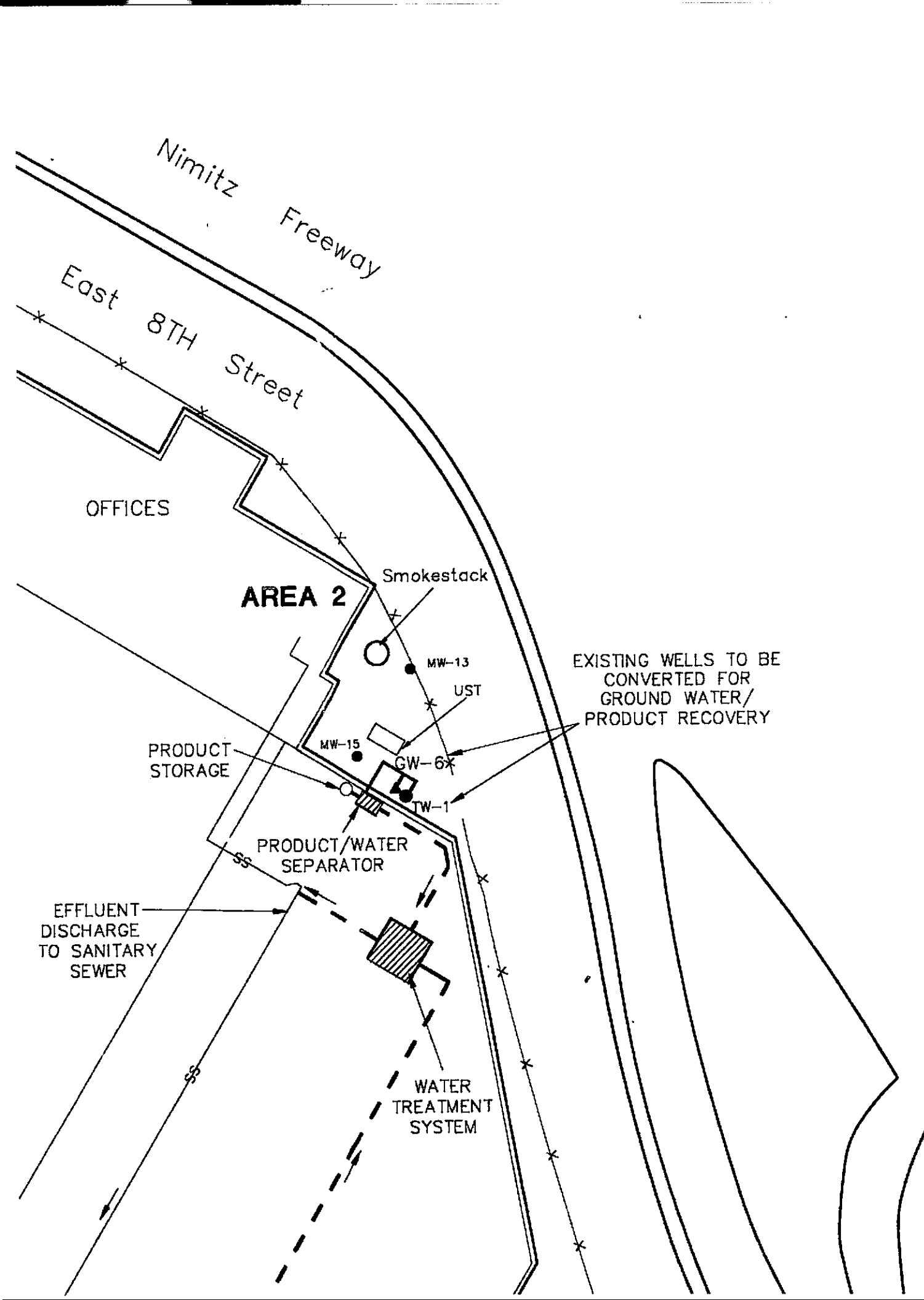
DUNN CORPORATION
12 Metro Park Road
Albany, NY 12205

AREAS 2 & 4 GROUNDWATER
RECOVERY AND TREATMENT SYSTEMS
AMERICAN NATIONAL CAN
OAKLAND PLANT






37th Ave.

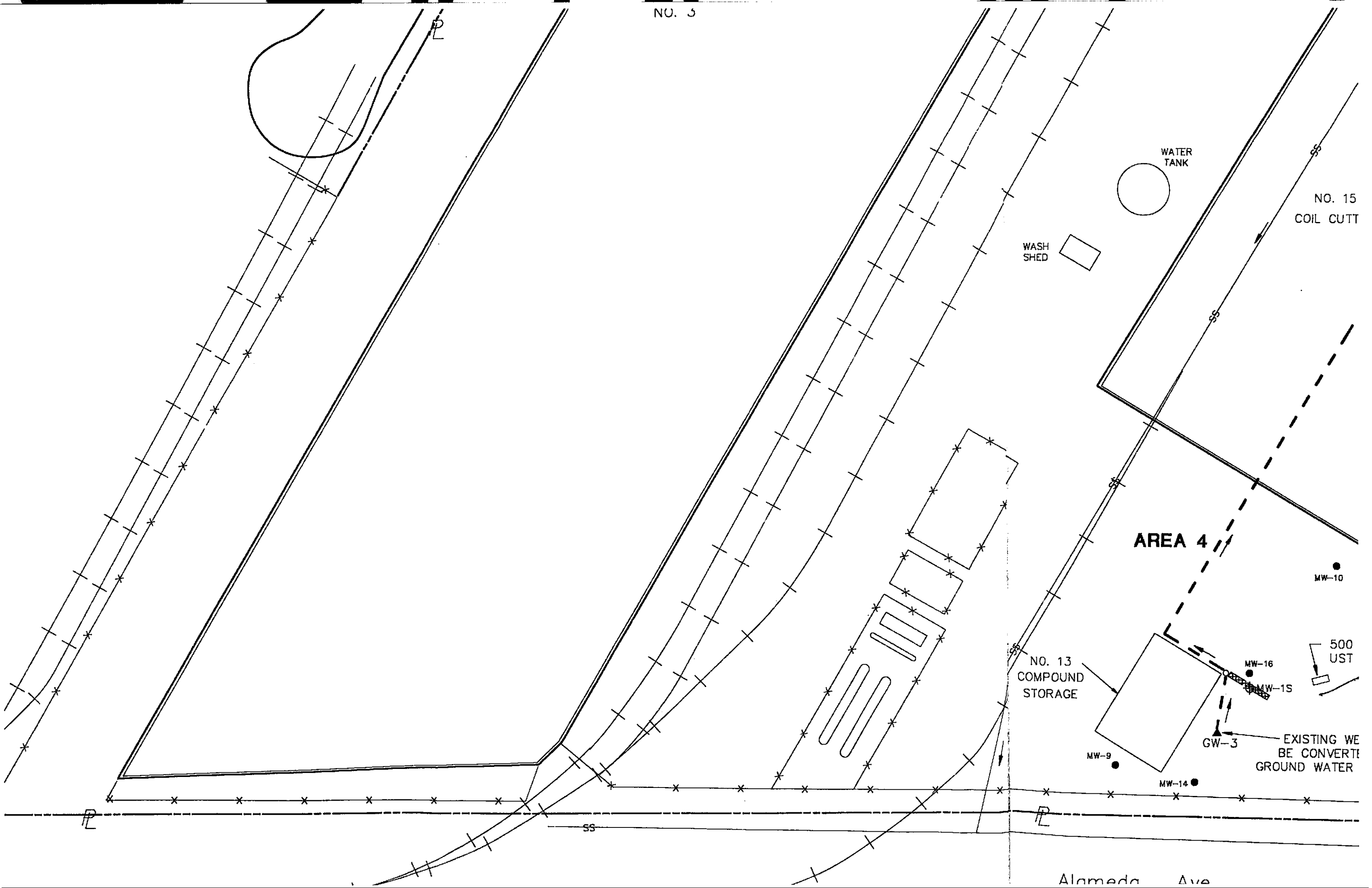
FACTORY NO. 1



LEGEND

- MW-2 ● March 1991 Monitoring Well Installation
- GW-4 ▲ Previous Monitoring Well Installation
- MW-1S ⊕ Location of Perched Water Grab Sample
-  Proposed Water Treatment System
-  Proposed Product/Water Separator
- Proposed Product Holding and Secondary Containment Drums
-  Proposed Perched Water Collection Trench and Recovery System With Sump
- Proposed Water Lines Showing Direction of Flow
- ← ss Existing 6" Diameter Sanitary Sewer Line Showing Direction of Flow

NO. 3



WATER TANK

WASH SHED

NO. 15 COIL CUTT

AREA 4

NO. 13 COMPOUND STORAGE

500 UST

EXISTING WE BE CONVERTI GROUND WATER

Alameda Ave

MW-10

MW-16

MW-15

MW-9

MW-14

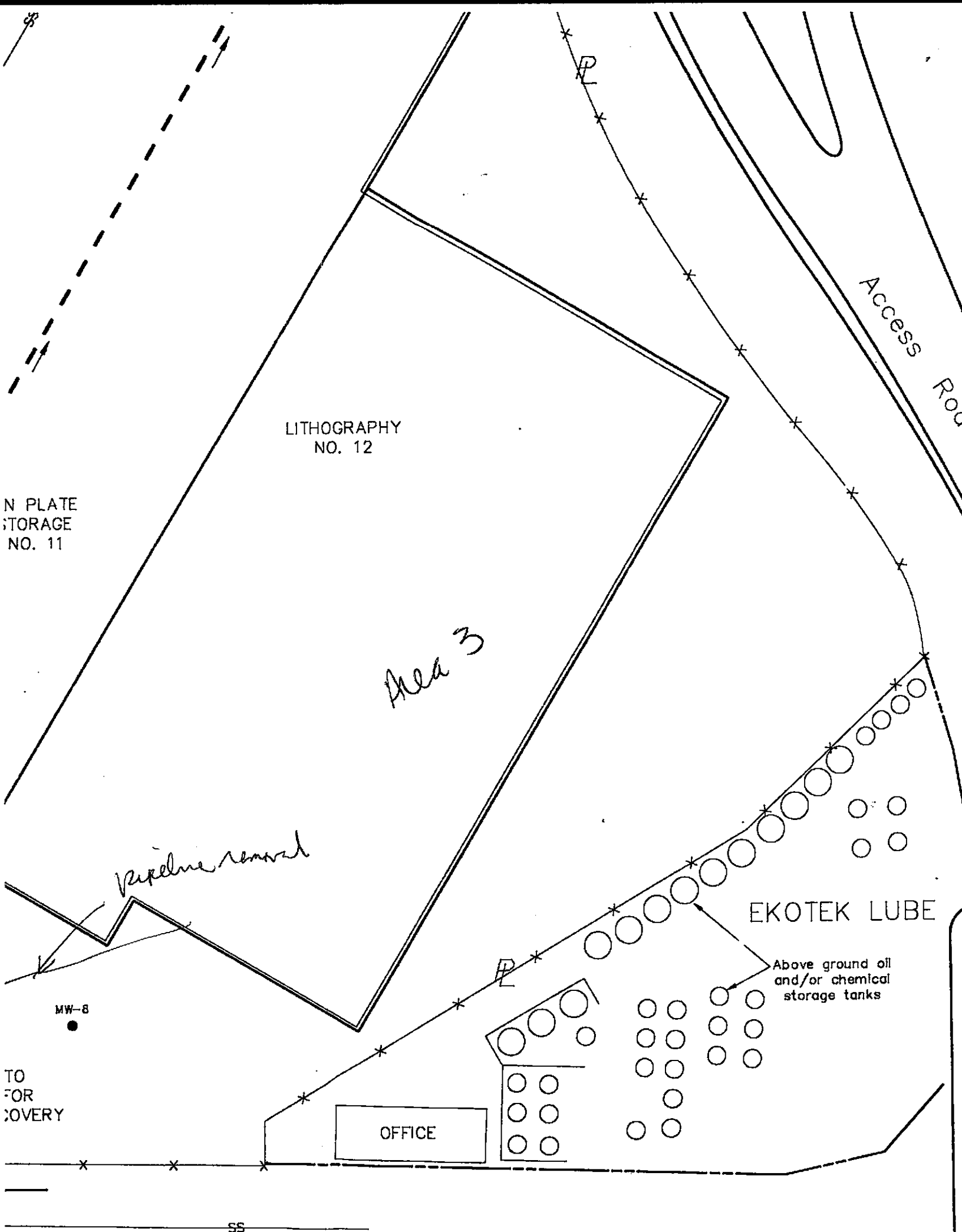
GW-3

SS

P

P

P

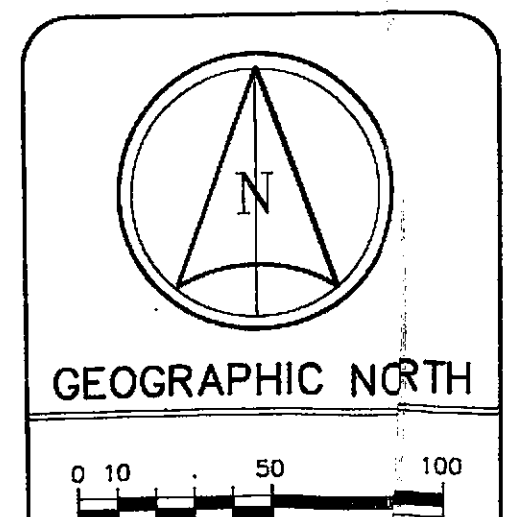


NOTE

This map is for permitting purposes only.
It is not intended for construction.

NOTE:
UNAUTHORIZED ALTERATION OR
ADDITION TO THIS DRAWING IS A
VIOLATION OF SECTION 7209,
SUBDIVISION 2, OF THE NEW YORK
STATE EDUCATION LAW.

PROJ. MGR: Edward W. Alusow	NO.	REVISIONS	BY	DATE
PREPARED BY: Walter O. Howard		Added wells & boring locations	WOH	12/1/91
DRAFTED BY: S.C.Galloway				
CHECKED BY:				
PROJ. NO: 02345-01983				
DWG. NO: 2M8985_11				
DATE: June 1991				
SHEET 1 OF 2				
DATUM:				
CONTOUR INTERVAL = none FEET				
USGS QUD.: OAKLAND EAST				





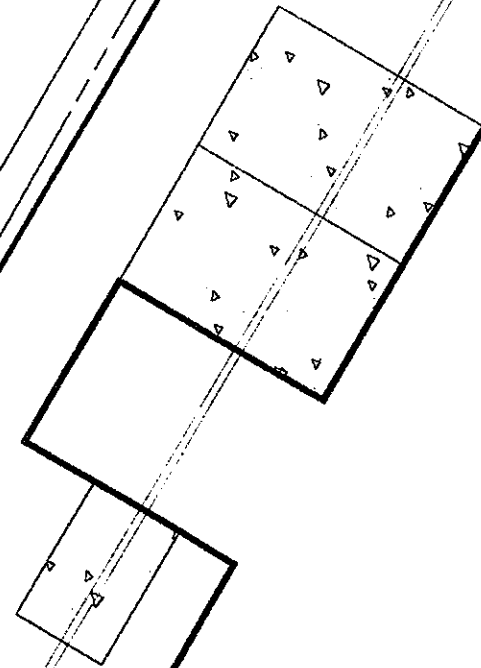
DUNN CORPORATION
12 Metro Park Road
Albany, NY 12205

AREAS 2 & 4 GROUNDWATER
REMEDIAL PLAN
AMERICAN NATIONAL CAN
OAKLAND PLANT

REGIONAL GROUNDWATER
FLOW DIRECTION

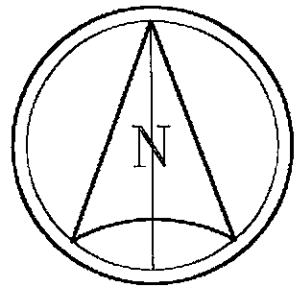


37th Ave.



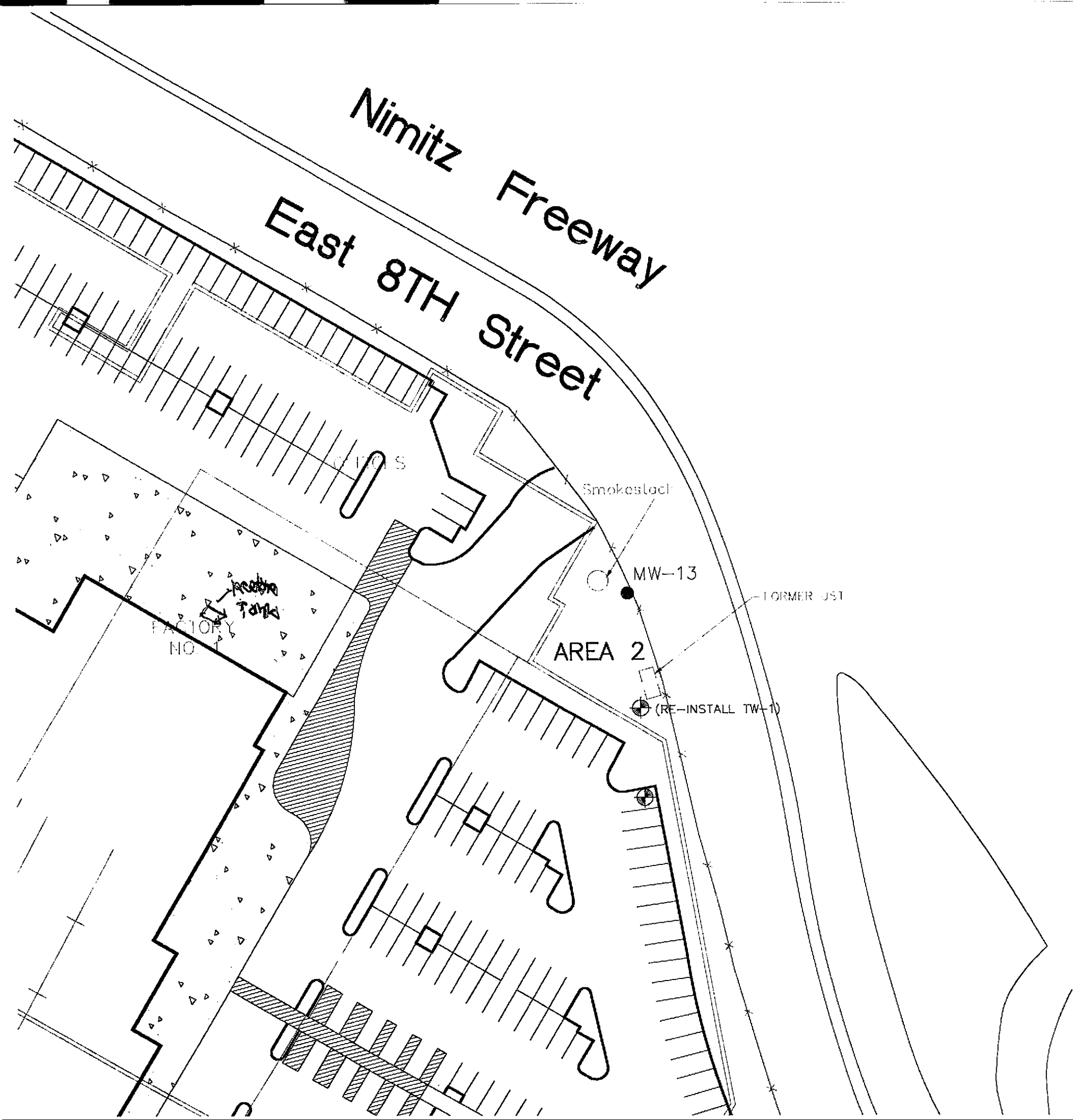
CAN WAREHOUSE
NO. 3

ADJACENT KMART RETAIL STORE



Nimitz Freeway

East 8TH Street



LEGEND

- MW-3 EXISTING MONITORING WELL LOCATION
-
- ⊕ (RE-INSTALL TW-1) PROPOSED NEW MONITORING WELL LOCATION

PR

FORMER SOLDER
DROSS STORAGE
AREA

FORMER
DRUM STORAGE
AREA

WASH
SINK

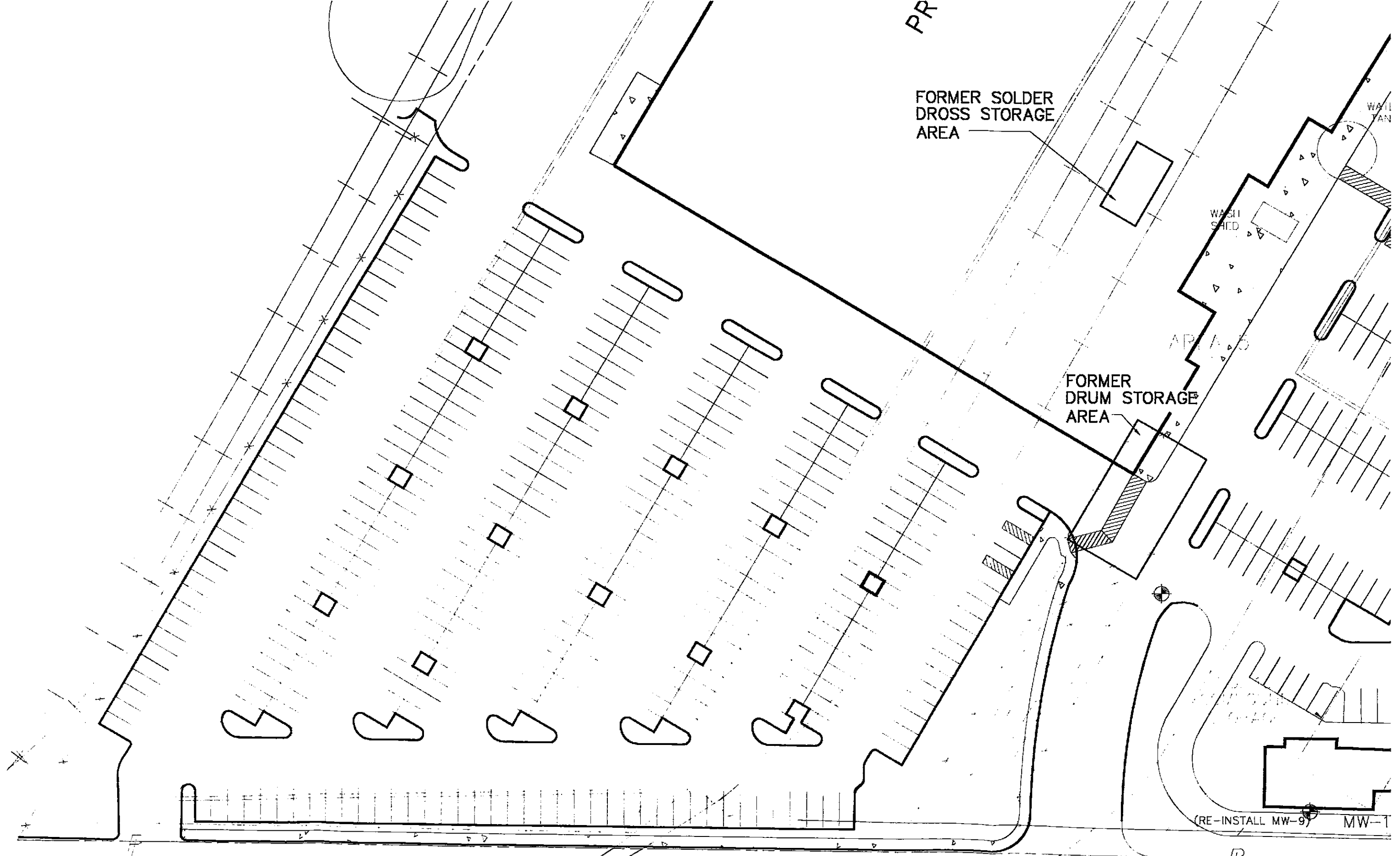
WASH
TANK

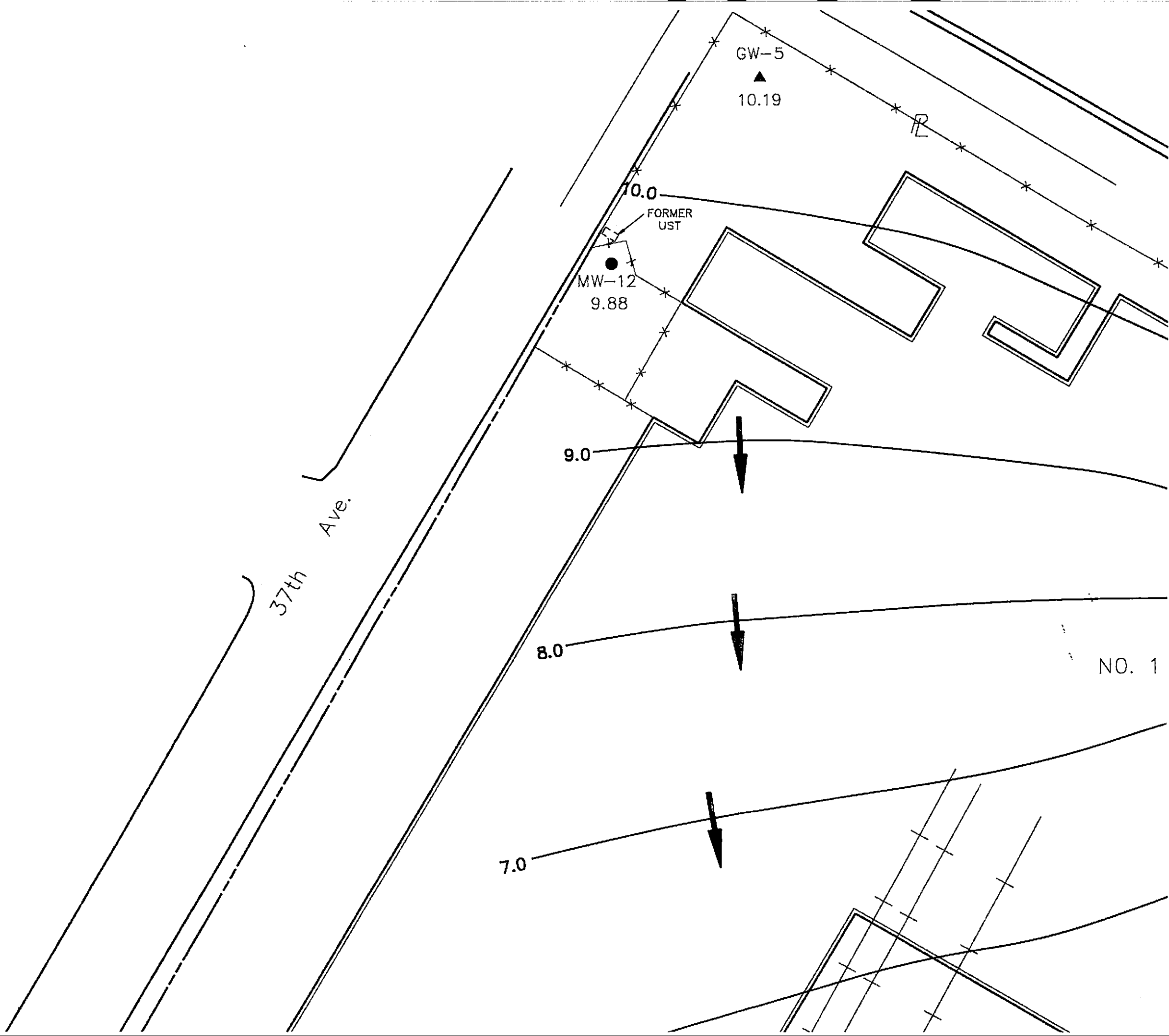
AP 1 A 5

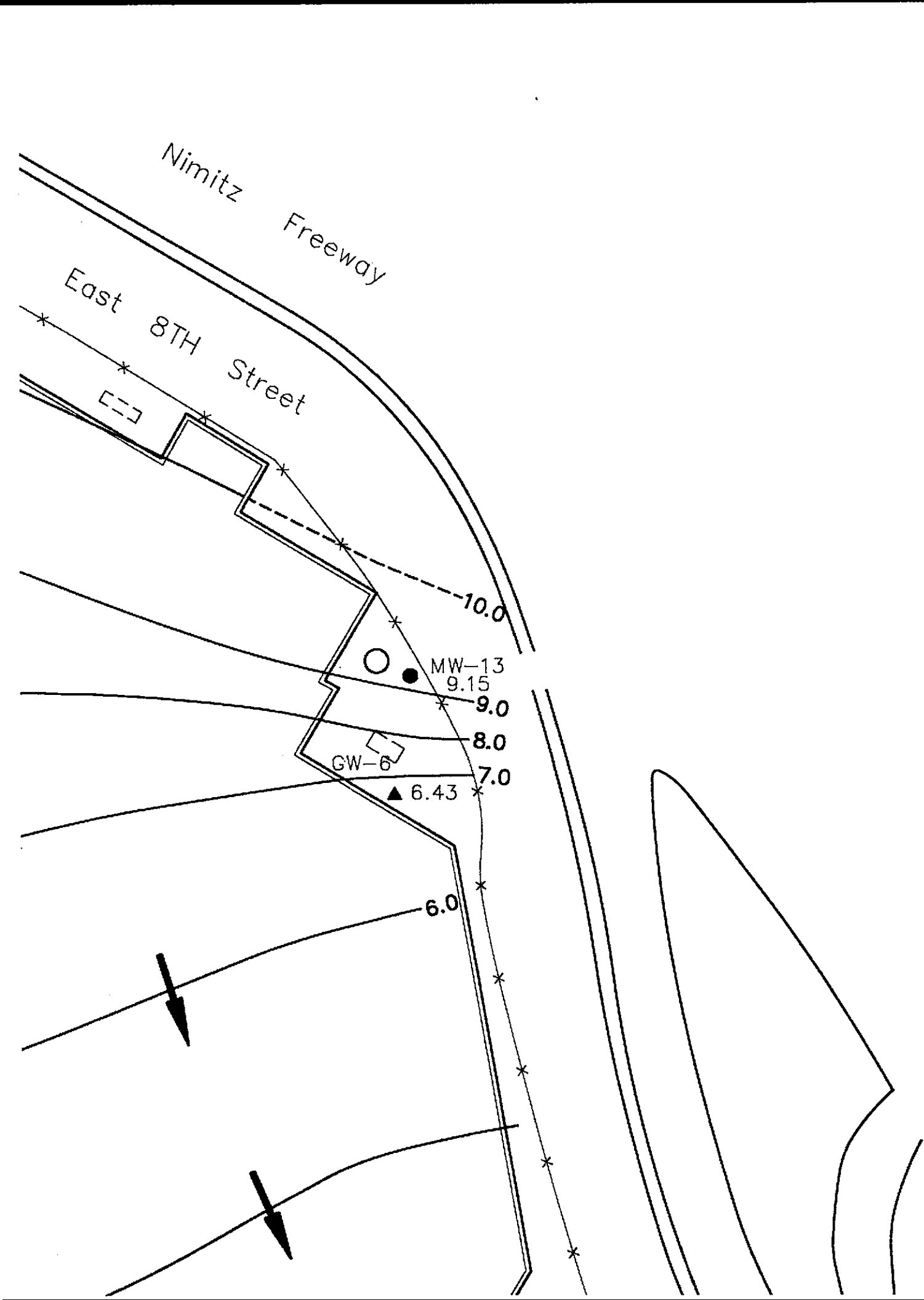
(RE-INSTALL MW-9)

MW-1

Alameda Ave







LEGEND

MW-3 WELL IDENTIFICATION NUMBER
 ● MONITORING WELL LOCATION
 6.29 GROUNDWATER ELEVATION

- - - 4.0 GROUNDWATER CONTOUR

← DIRECTION OF GROUNDWATER FLOW]

NO. 3

NO. 11

WATER TANK

WASH SHED

MW-11
3.62

MW-10
3.03

FORMER USTS

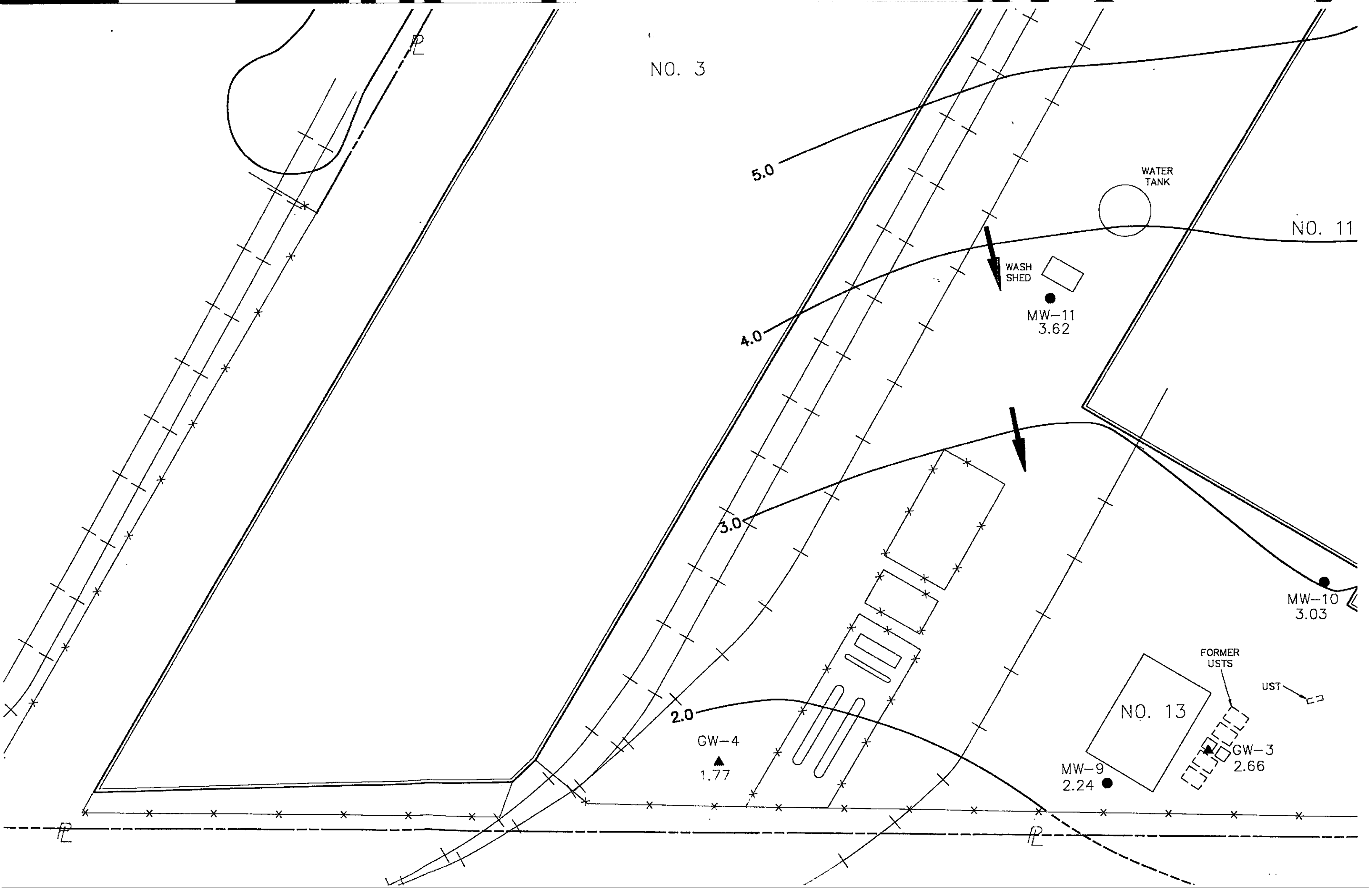
UST

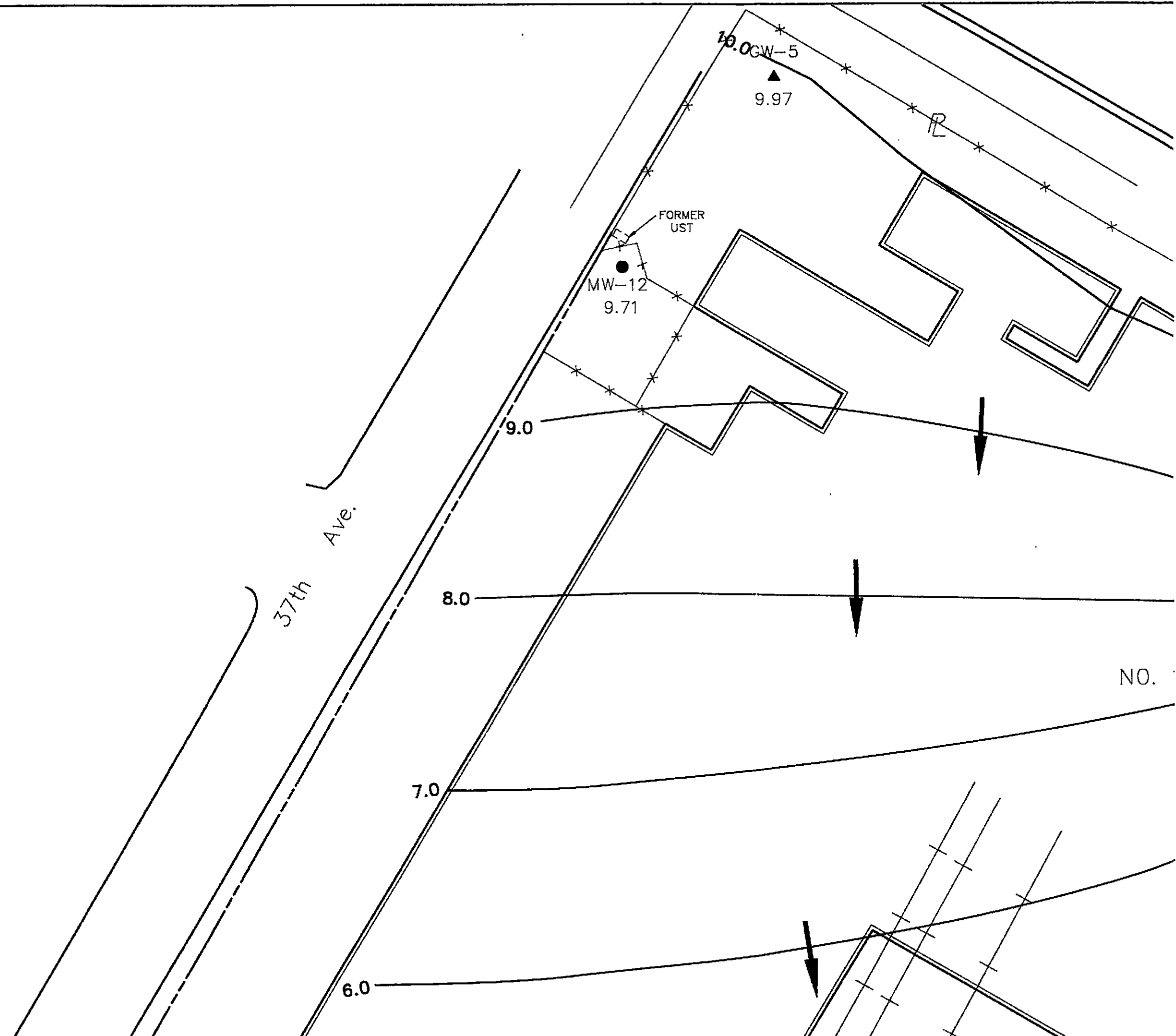
NO. 13

GW-4
▲
1.77

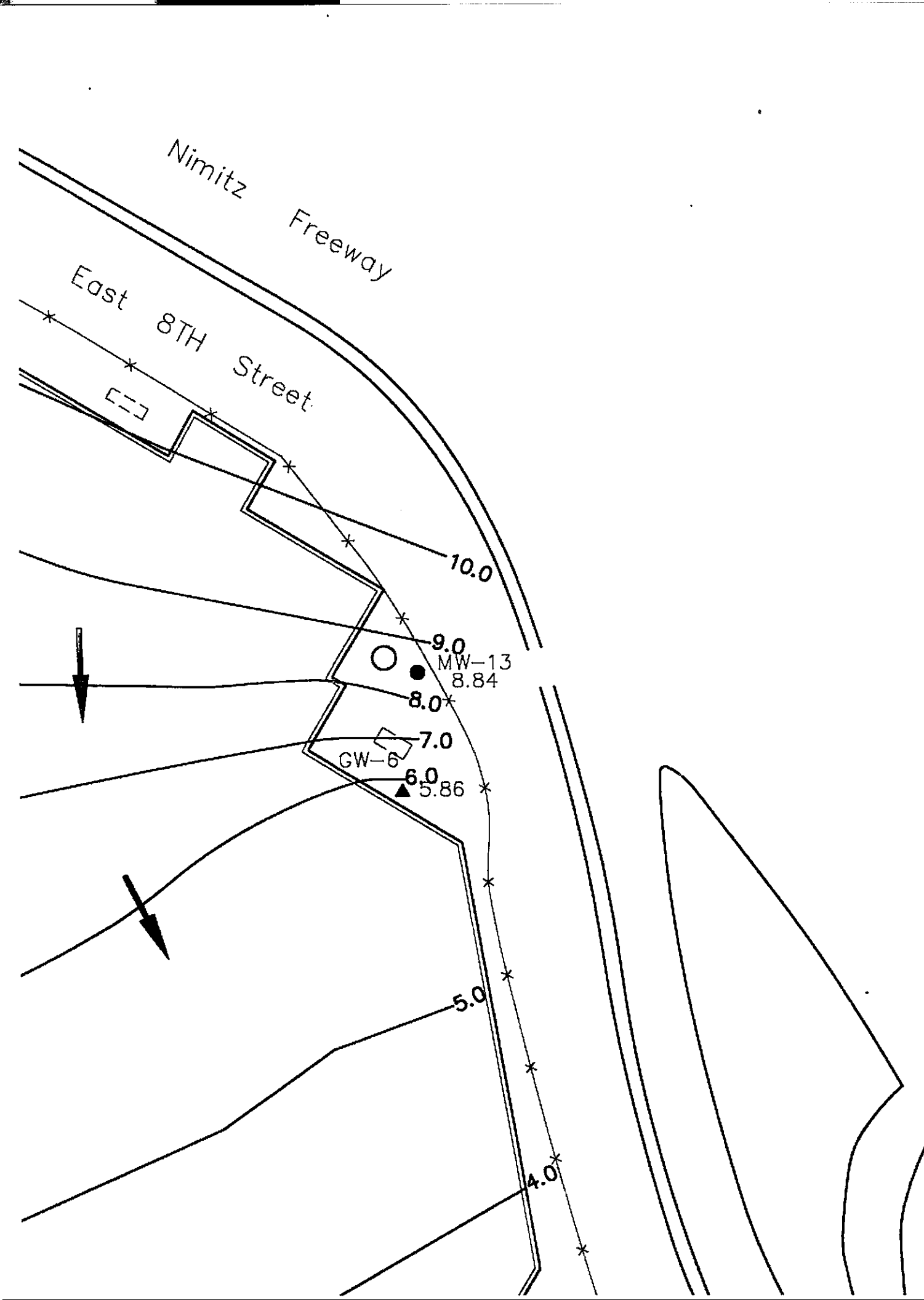
MW-9
●
2.24

GW-3
●
2.66





NO.

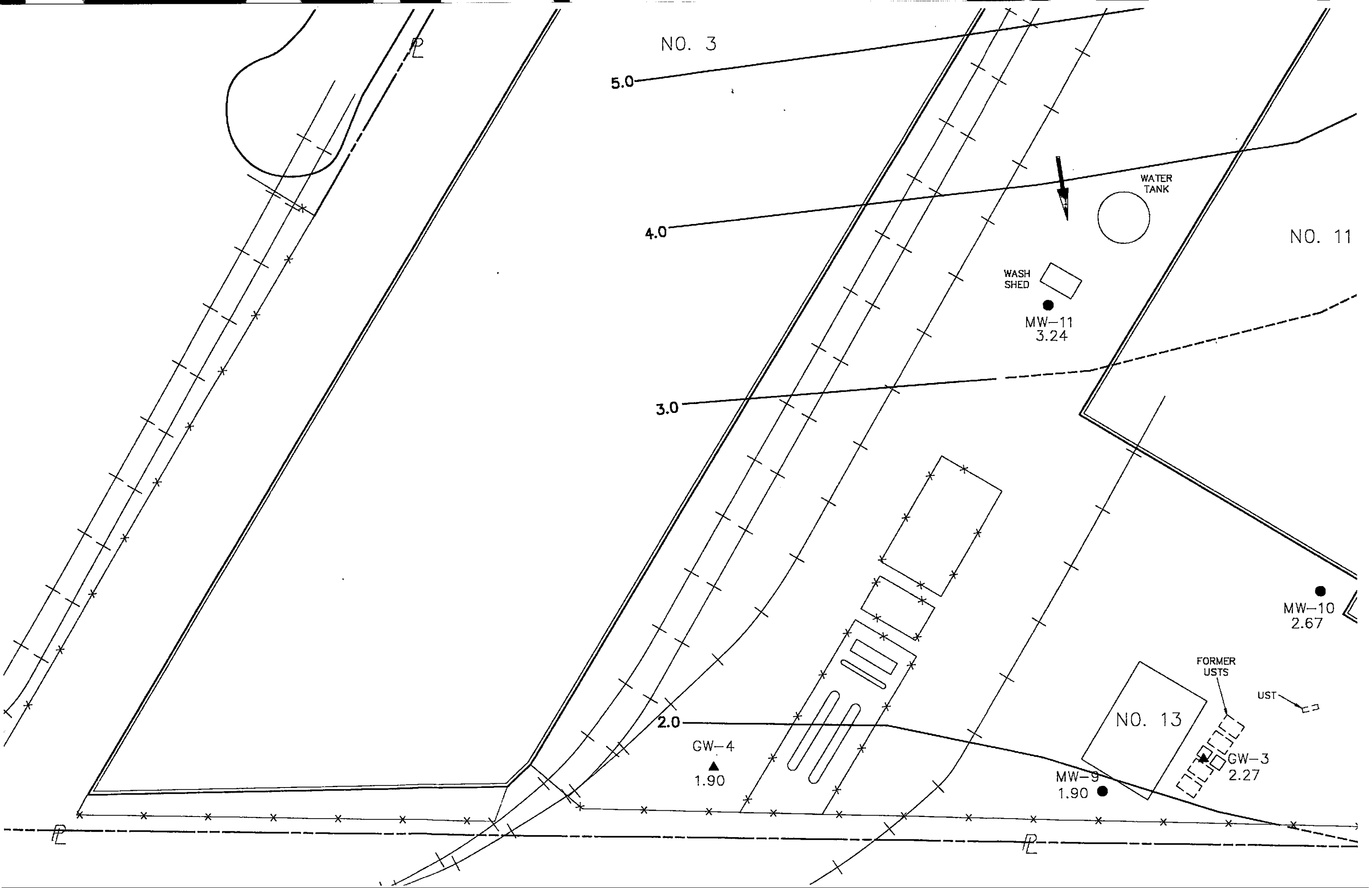


L E G E N D

MW-3 WELL IDENTIFICATION NUMBER
 ● MONITORING WELL LOCATION
 6.29 GROUNDWATER ELEVATION

- - - 4.0 GROUNDWATER CONTOUR

← DIRECTION OF GROUNDWATER FLOW



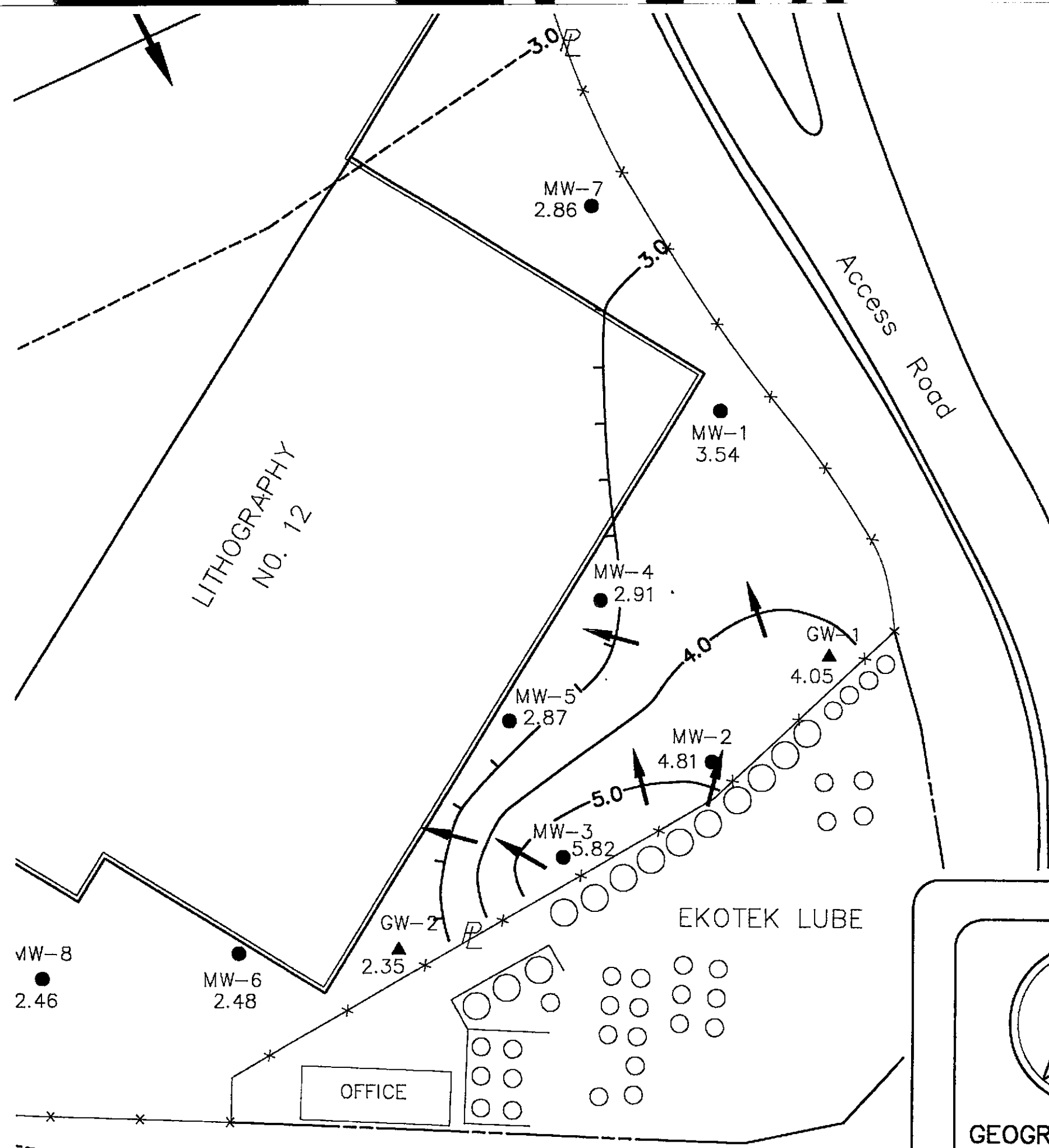


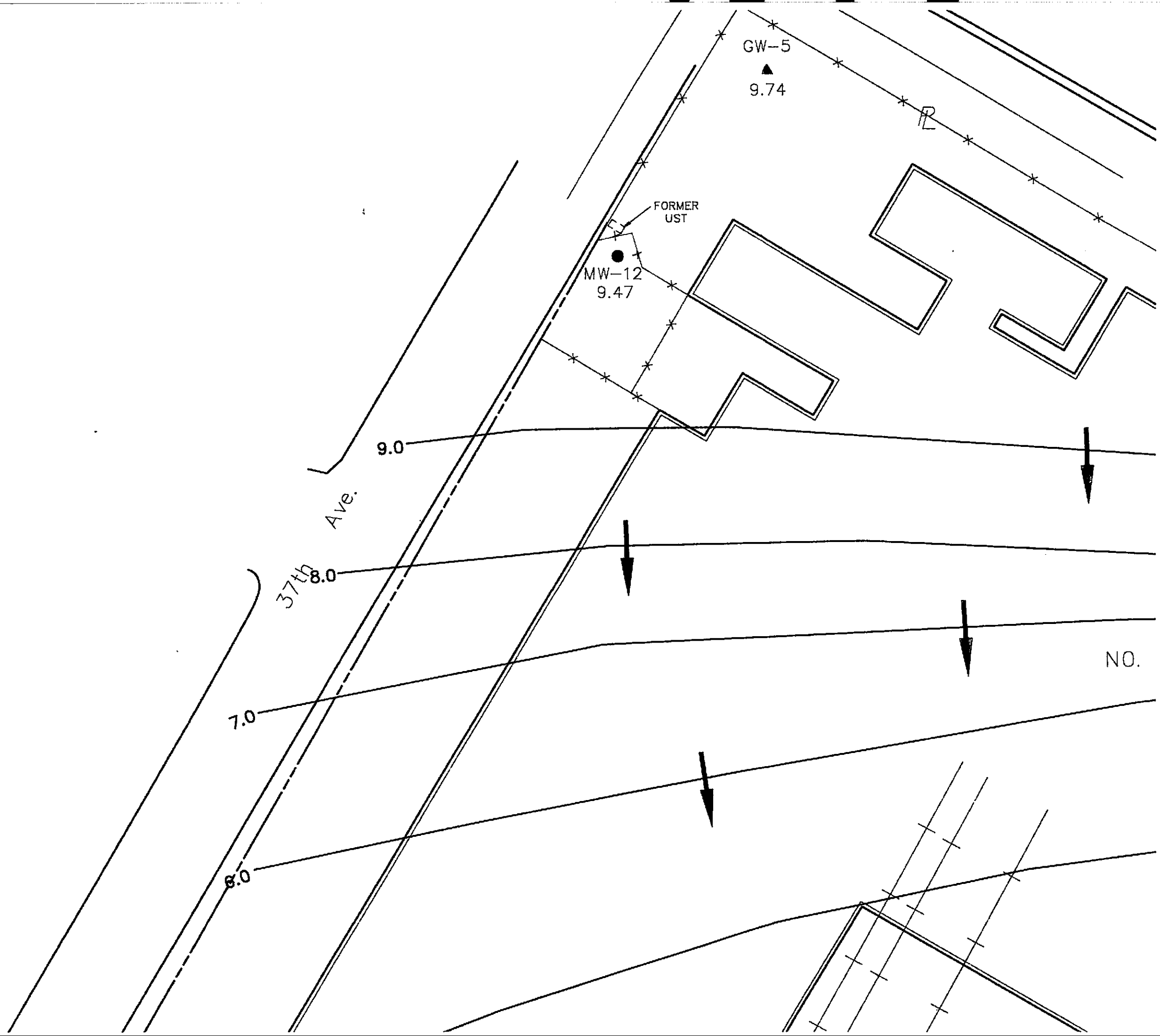
PLATE 3

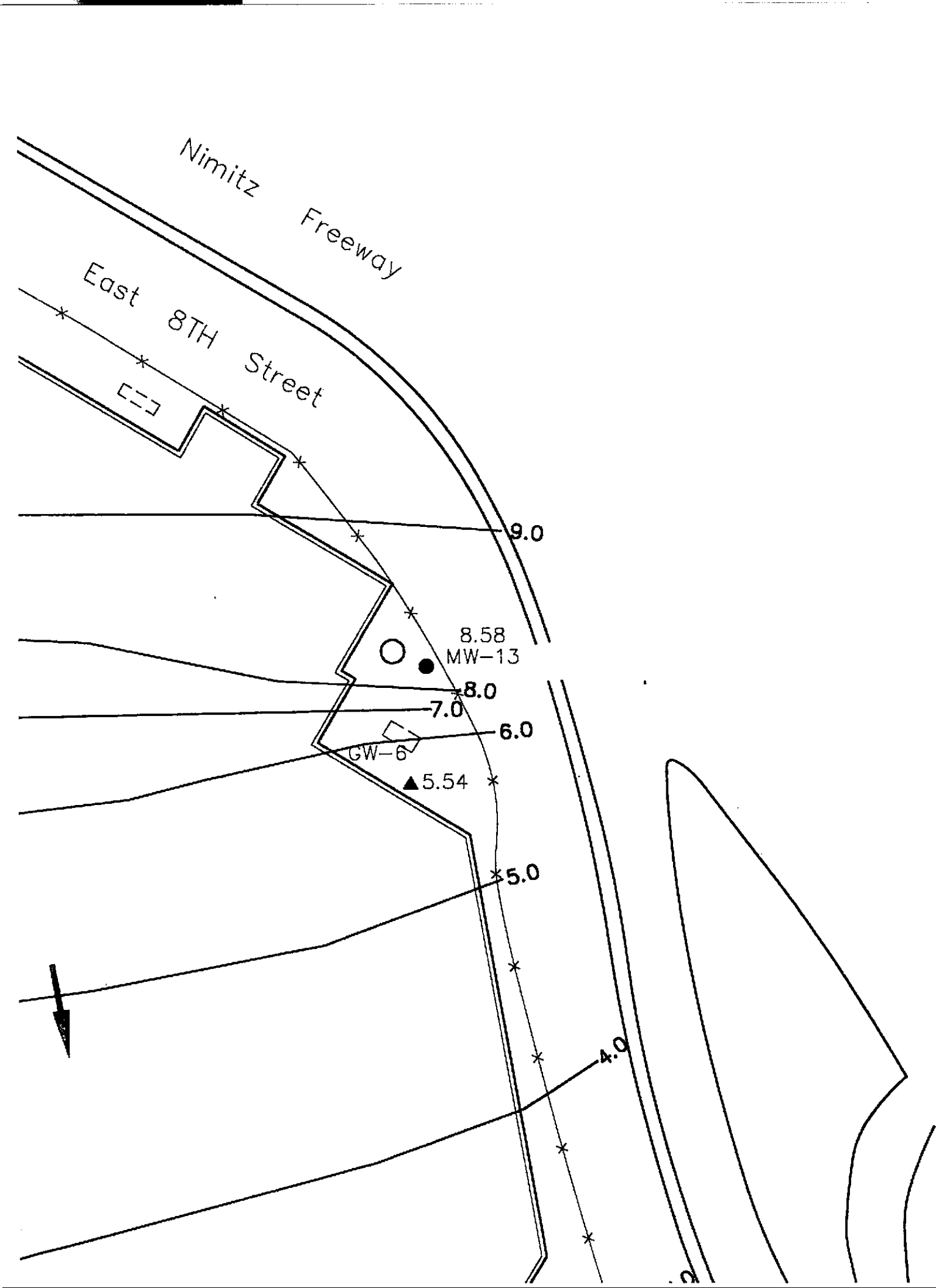
PROJ. MGR: Edward W. Alusow	REVISIONS	BY	DATE
PREPARED BY: Walter O. Howard			
DRAFTED BY: S.C.Galloway			
CHECKED BY:			
PROJ. NO.: 02345-01983			
DWG. NO. 2M8985_2			
DATE: June 1991			
SHEET 3 OF 4			
DATUM: Mean Sea Level			
CONTOUR INTERVAL = 1.0 FEET			
USGS QUAD.: OAKLAND EAST			

GEOGRAPHIC NORTH

DUNN GEOSCIENCE CORPORATION
12 Metro Park Road
Albany, NY 12205

GROUNDWATER CONTOUR MAP
5/15/91
AMERICAN NATIONAL CAN
OAKLAND PLANT



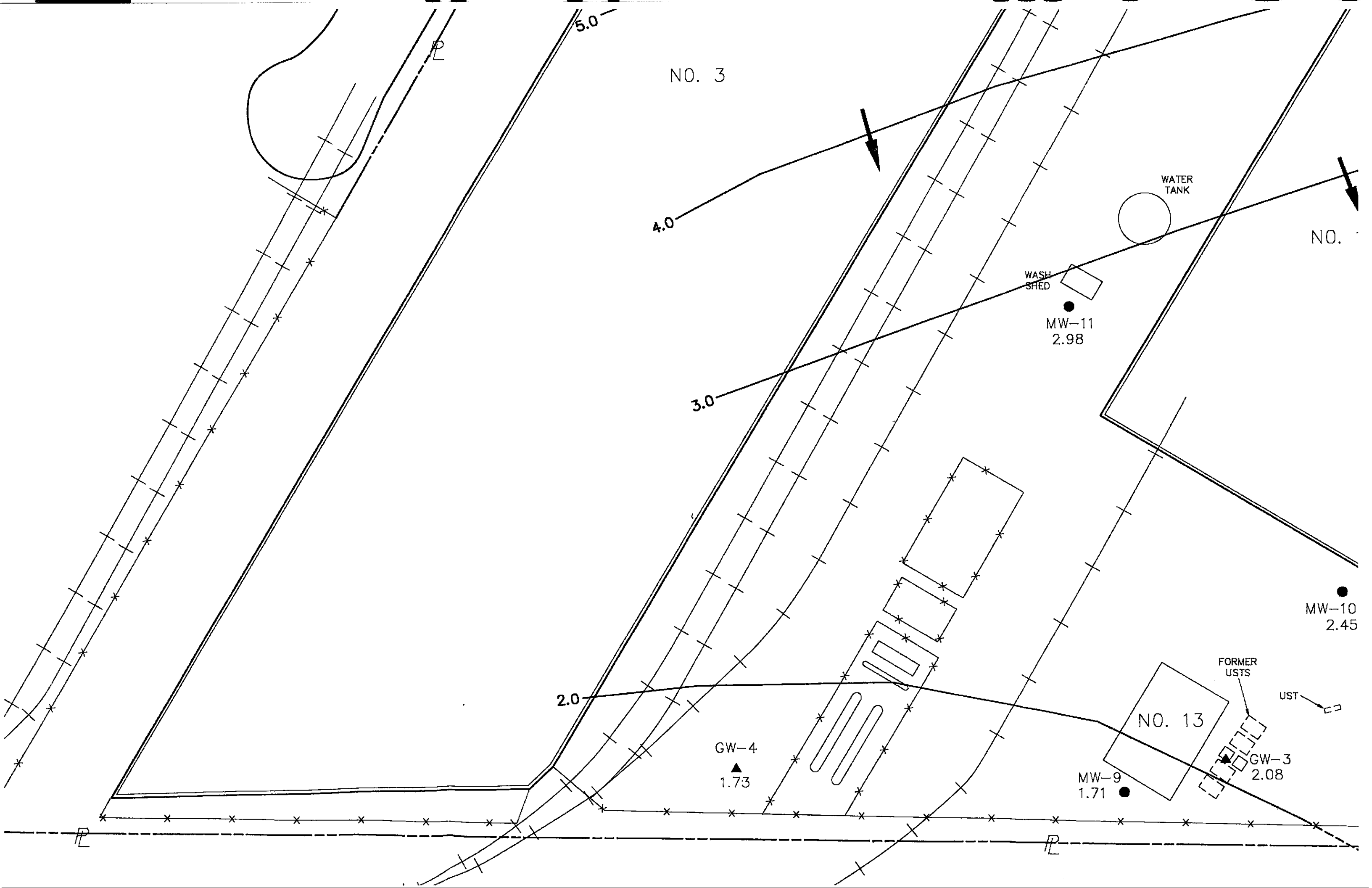


LEGEND

MW-3 WELL IDENTIFICATION NUMBER
 ● MONITORING WELL LOCATION
 6.29 GROUNDWATER ELEVATION

- - - 4.0 GROUNDWATER CONTOUR

← DIRECTION OF GROUNDWATER FLOW



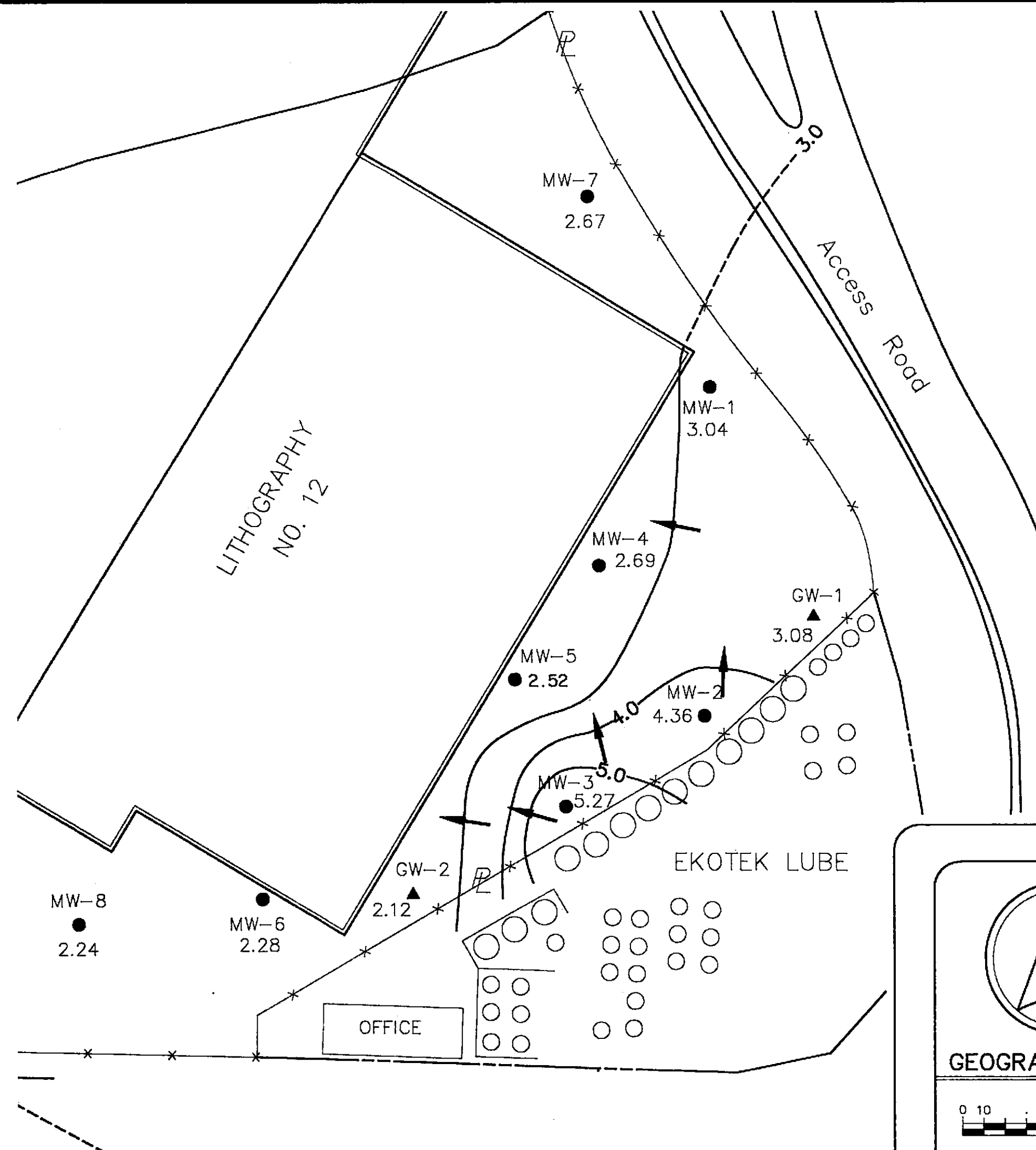


PLATE 4

PROJ. MGR: Edward W. Alusow	REVISIONS	BY	DATE
PREPARED BY: Walter O. Howard			
DRAFTED BY: S.C.Galloway			
CHECKED BY:			
PROJ. NO.: 02345-01983			
DWG. NO. 2M8985_3			
DATE: June 1991			
SHEET 4 OF 4			
DATUM: Mean Sea Level			
CONTOUR INTERVAL = 1.0 FEET			
USGS QUAD.: OAKLAND EAST			

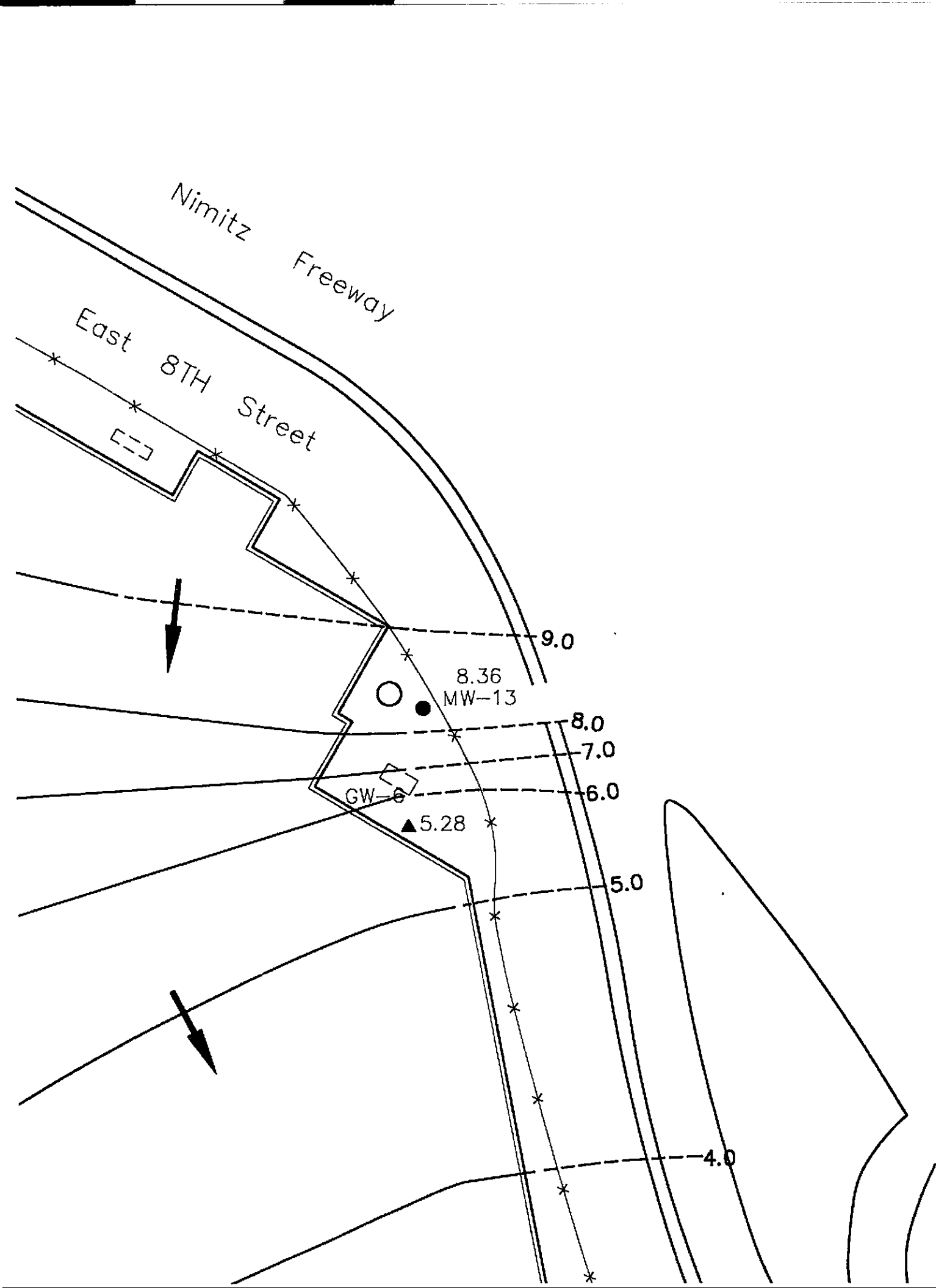
GEOGRAPHIC NORTH

0 10 50 100

DUNN GEOSCIENCE CORPORATION
 12 Metro Park Road
 Albany, NY 12205

GROUNDWATER CONTOUR MAP
 6/17/91
AMERICAN NATIONAL CAN
 OAKLAND PLANT





LEGEND

MW-3 WELL IDENTIFICATION NUMBER
 ● MONITORING WELL LOCATION
 6.29 GROUNDWATER ELEVATION

- - - 4.0 GROUNDWATER CONTOUR

← DIRECTION OF GROUNDWATER FLOW

NO. 3

4.0

WATER TANK

NO

3.0

WASH SHED

MW-11
2.84

2.0

MW-2

GW-4
▲
1.64

FORMER USTS

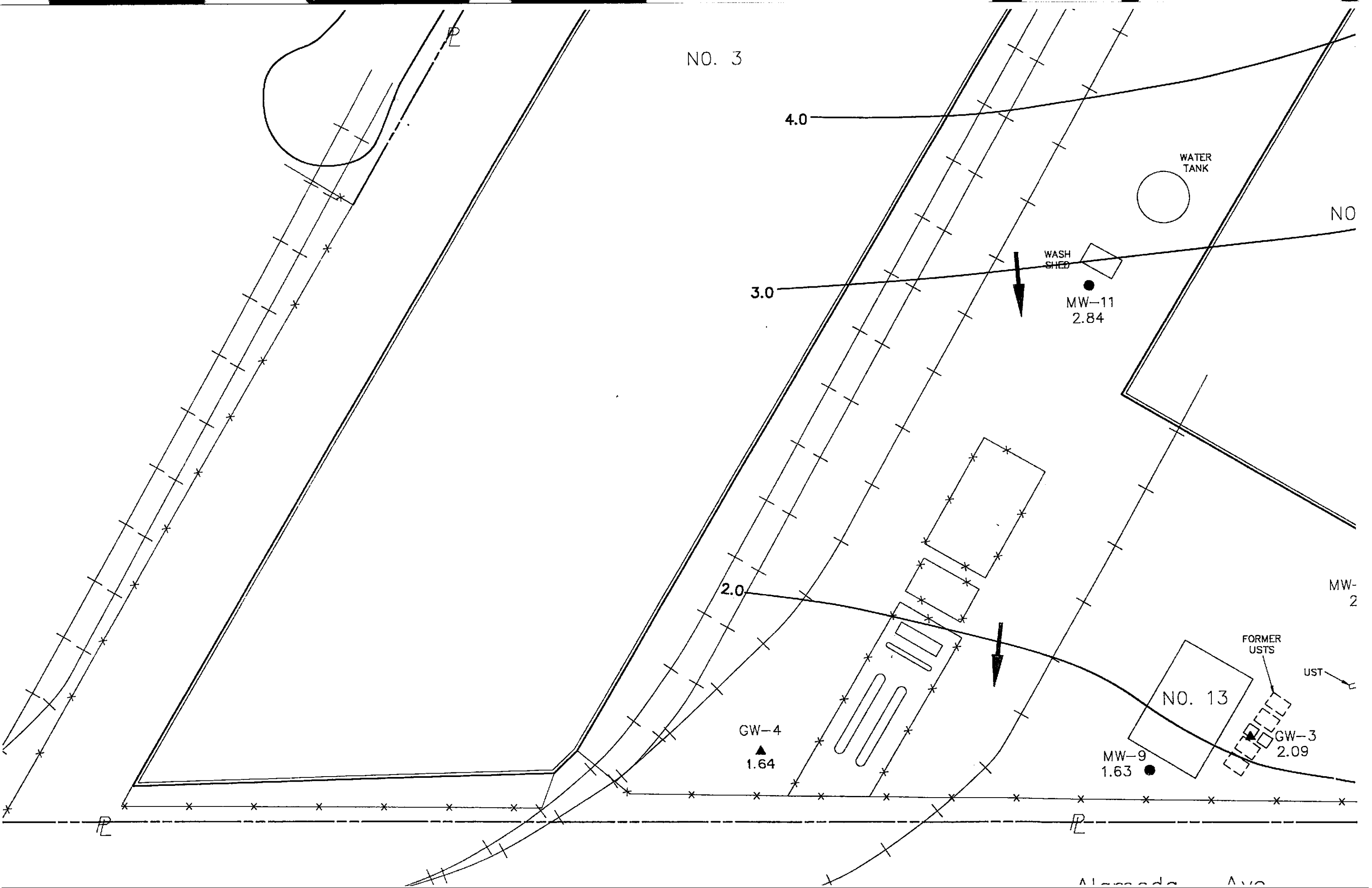
UST

NO. 13

MW-9
●
1.63

GW-3
●
2.09

Alameda Ave



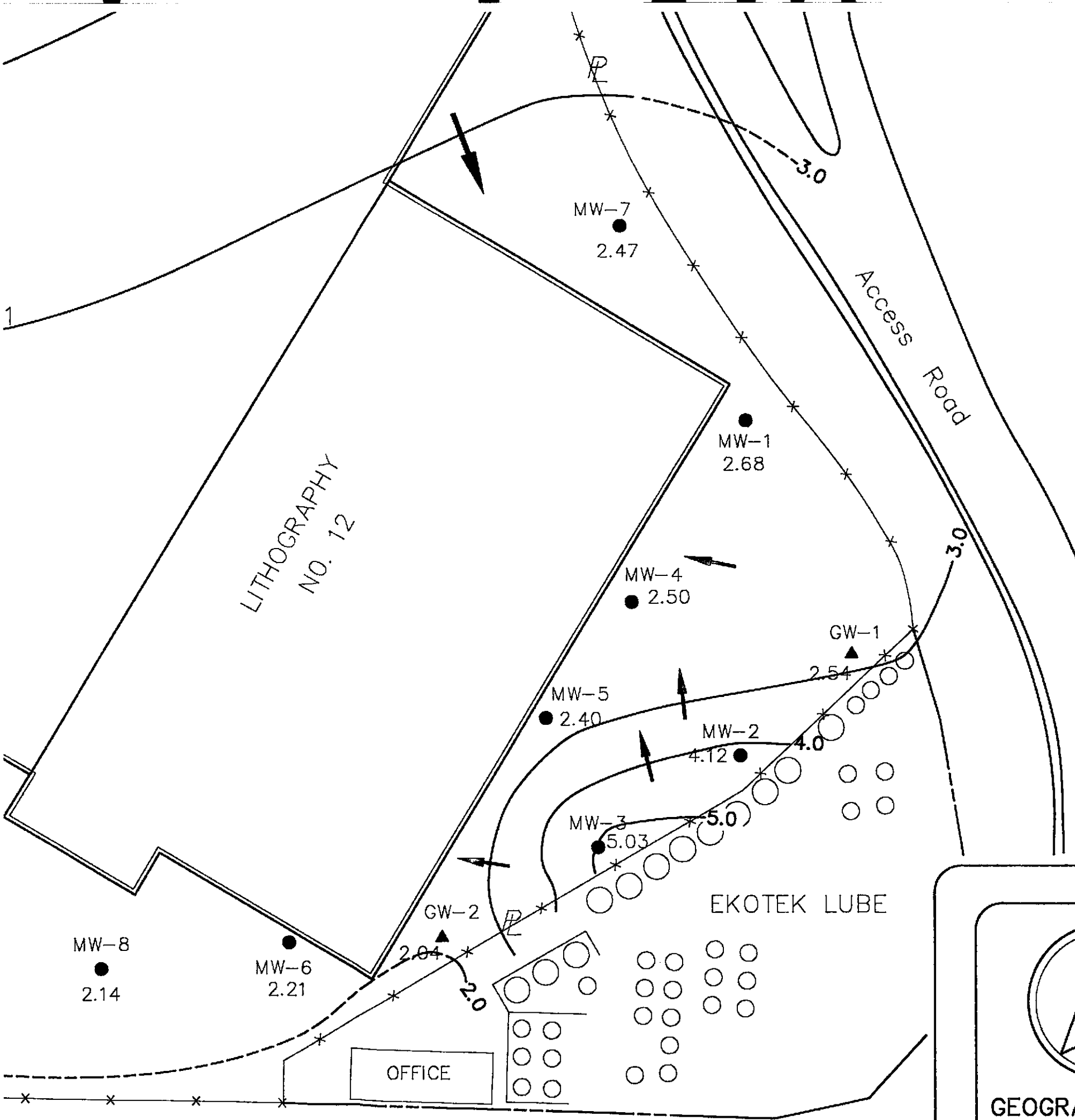


PLATE 5

PROJ. MGR: Edward W. Alusow	REVISIONS	BY	DATE
PREPARED BY: Walter O. Howard			
DRAFTED BY: S.C.Galloway			
CHECKED BY:			
PROJ. NO.: 02345-01983			
DWG. NO. 2M8985_4			
DATE: June 1991			
SHEET 5 OF 5			
DATUM: Mean Sea Level			
CONTOUR INTERVAL = 1.0 FEET			
USGS QUAD.: OAKLAND EAST			

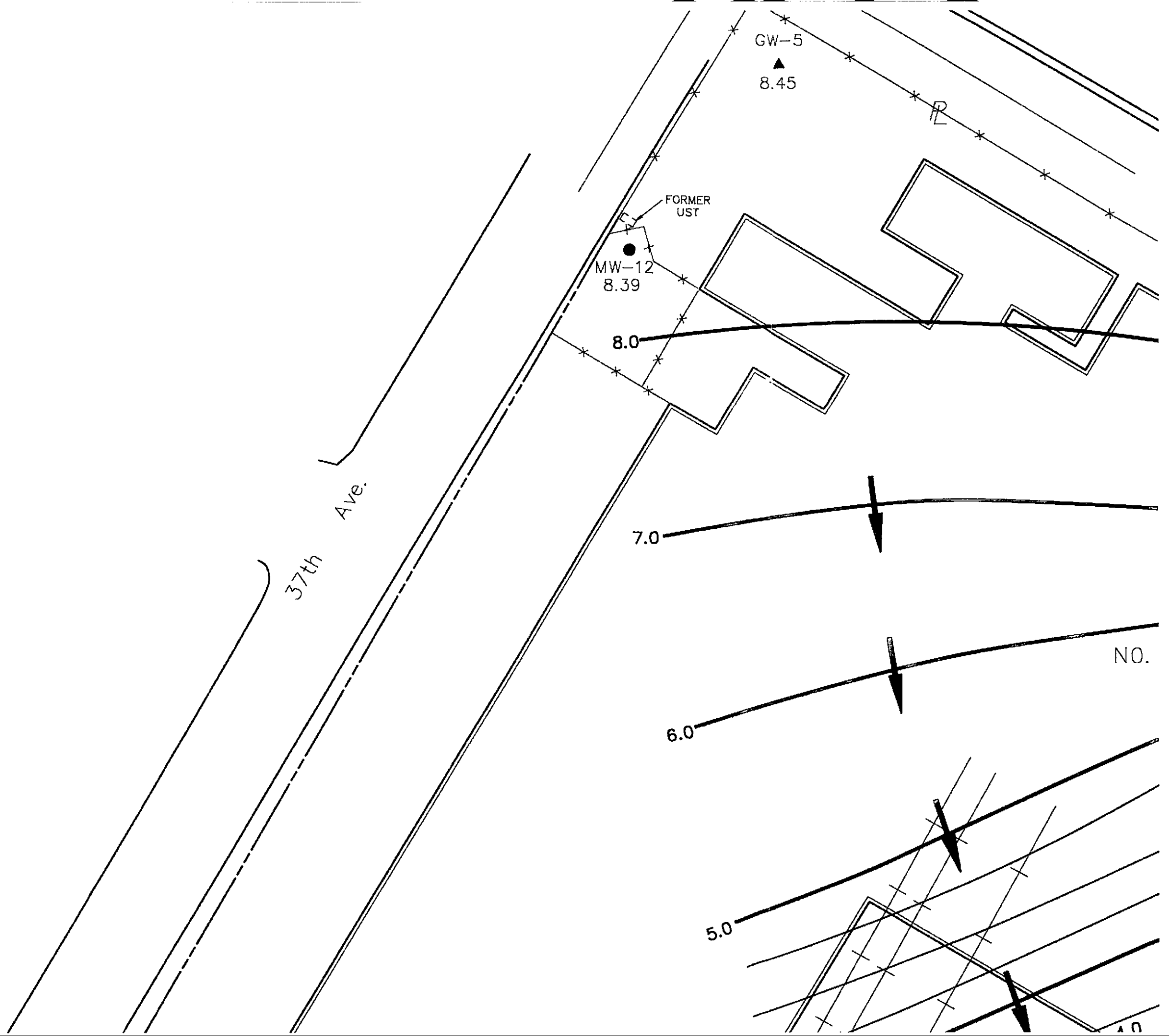
GEOGRAPHIC NORTH

0 10 50 100

DUNN

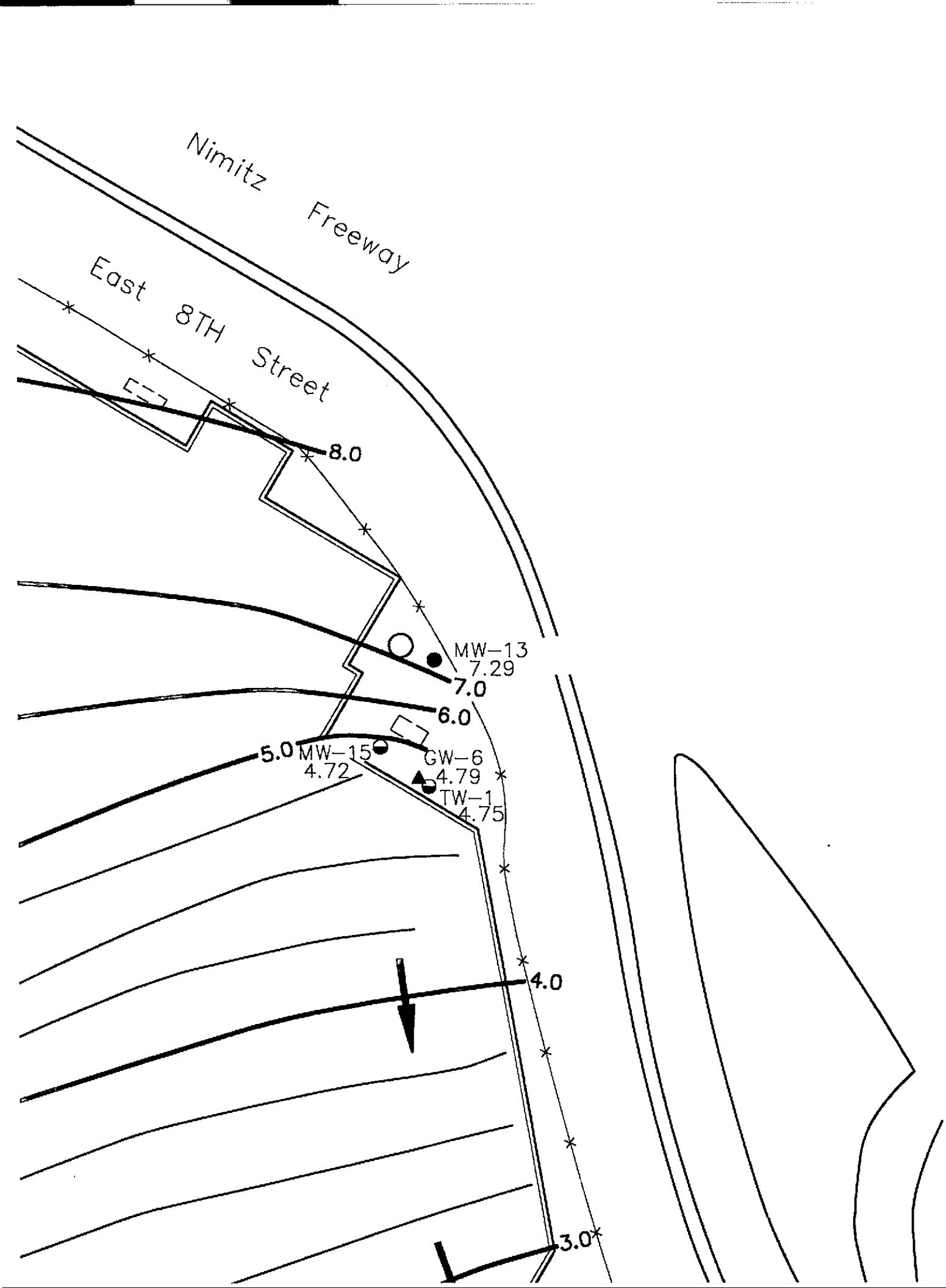
DUNN GEOSCIENCE CORPORATION
 12 Metro Park Road
 Albany, NY 12205

GROUNDWATER CONTOUR MAP
 7/15/91
AMERICAN NATIONAL CAN
 OAKLAND PLANT



NO.

10



LEGEND

- MW-3 WELL IDENTIFICATION NUMBER
- MONITORING WELL LOCATION
- 6.29 GROUNDWATER ELEVATION

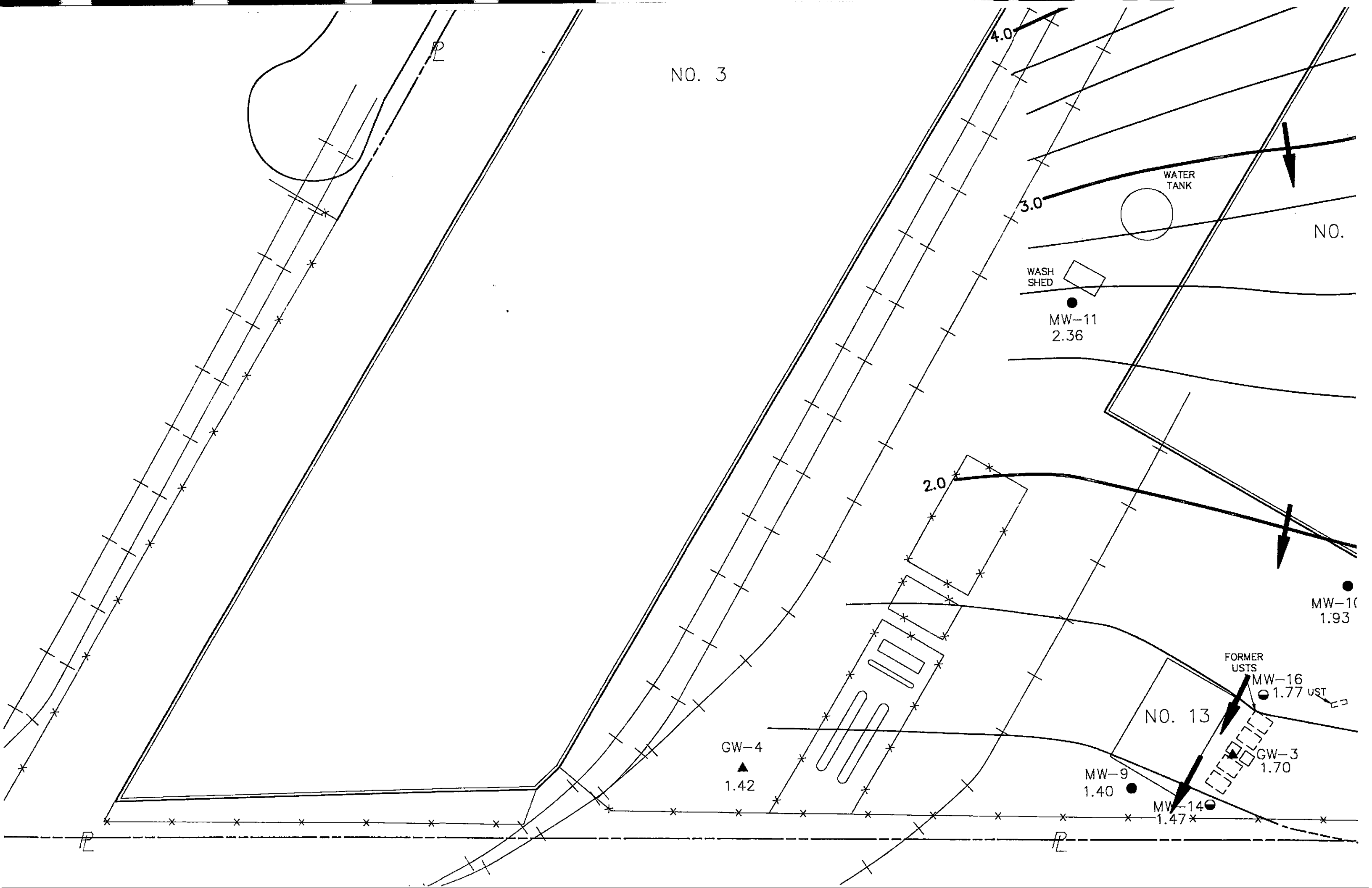
- MW-16 OCTOBER 1991 MONITORING WELL INSTALLATION
-

- NR WATER LEVEL MEASUREMENTS NOT RECORDED

- - - 4.0 GROUNDWATER CONTOUR

- ← DIRECTION OF GROUNDWATER FLOW

NO. 3



--- INFERRED LOCATION OF GROUNDWATER DIVIDE

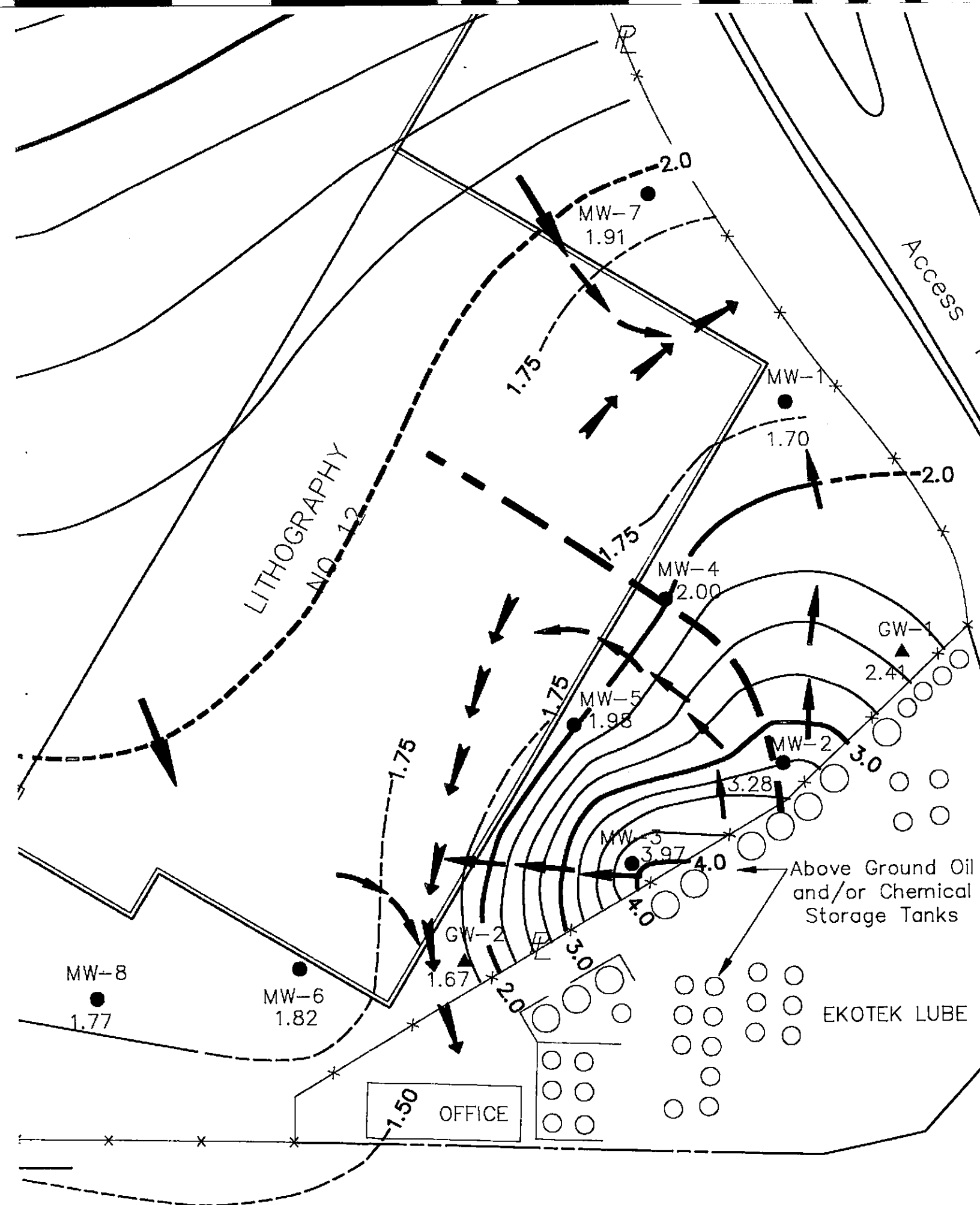


PLATE 6

PROJ. MGR: Edward W. Alusow	REVISIONS	BY	DATE
PREPARED BY: Walter O. Howard			
DRAFTED BY: S.C.Galloway			
CHECKED BY:			
PROJ. NO.: 02345-01983			
DWG. NO. 2M8985_8			
DATE: June 1991			
SHEET 7 OF 8			
DATUM: Mean Sea Level			
CONTOUR INTERVAL= 0.25/1.0 FT.			
USGS QUAD.: OAKLAND EAST			

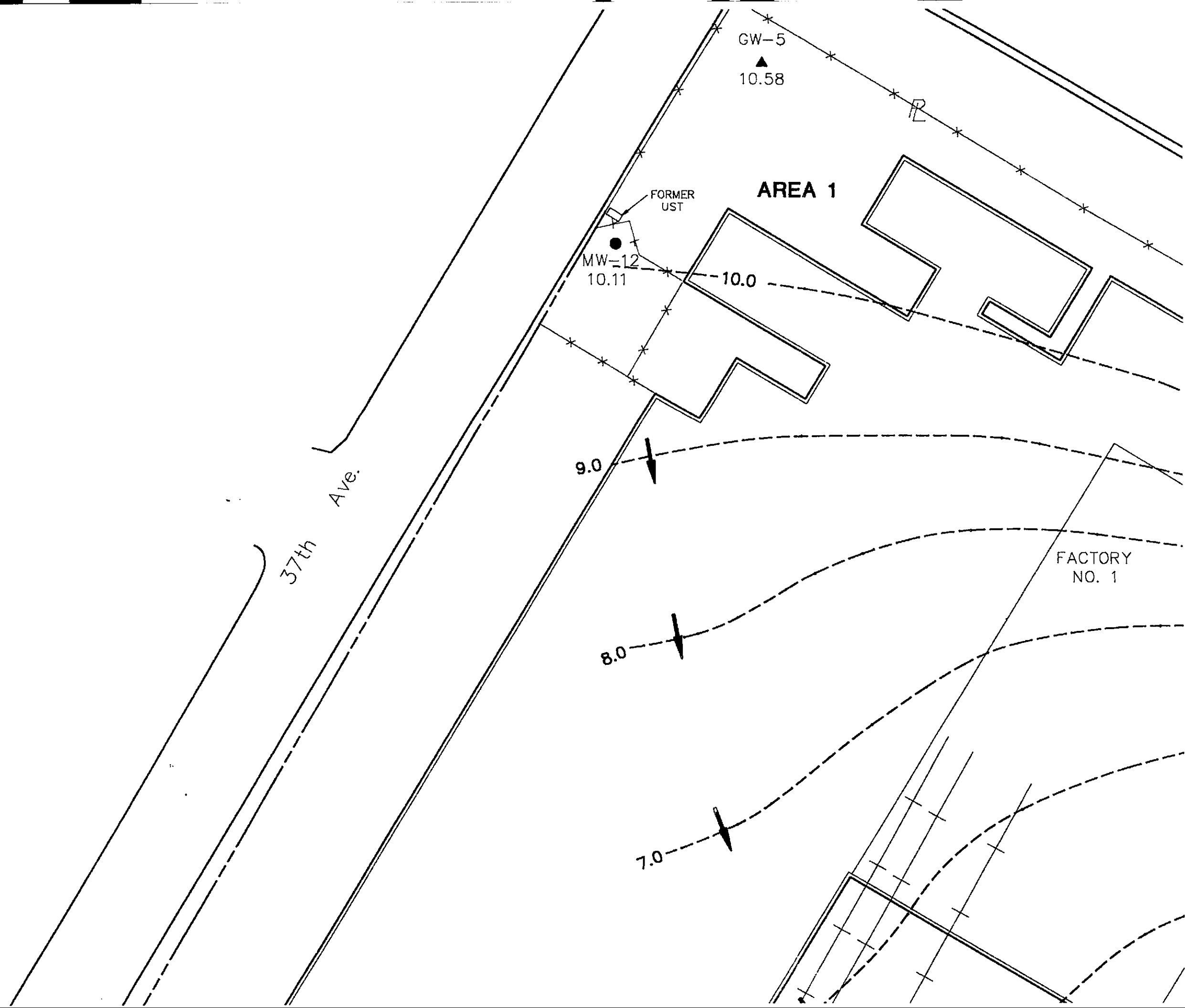
GEOGRAPHIC NORTH

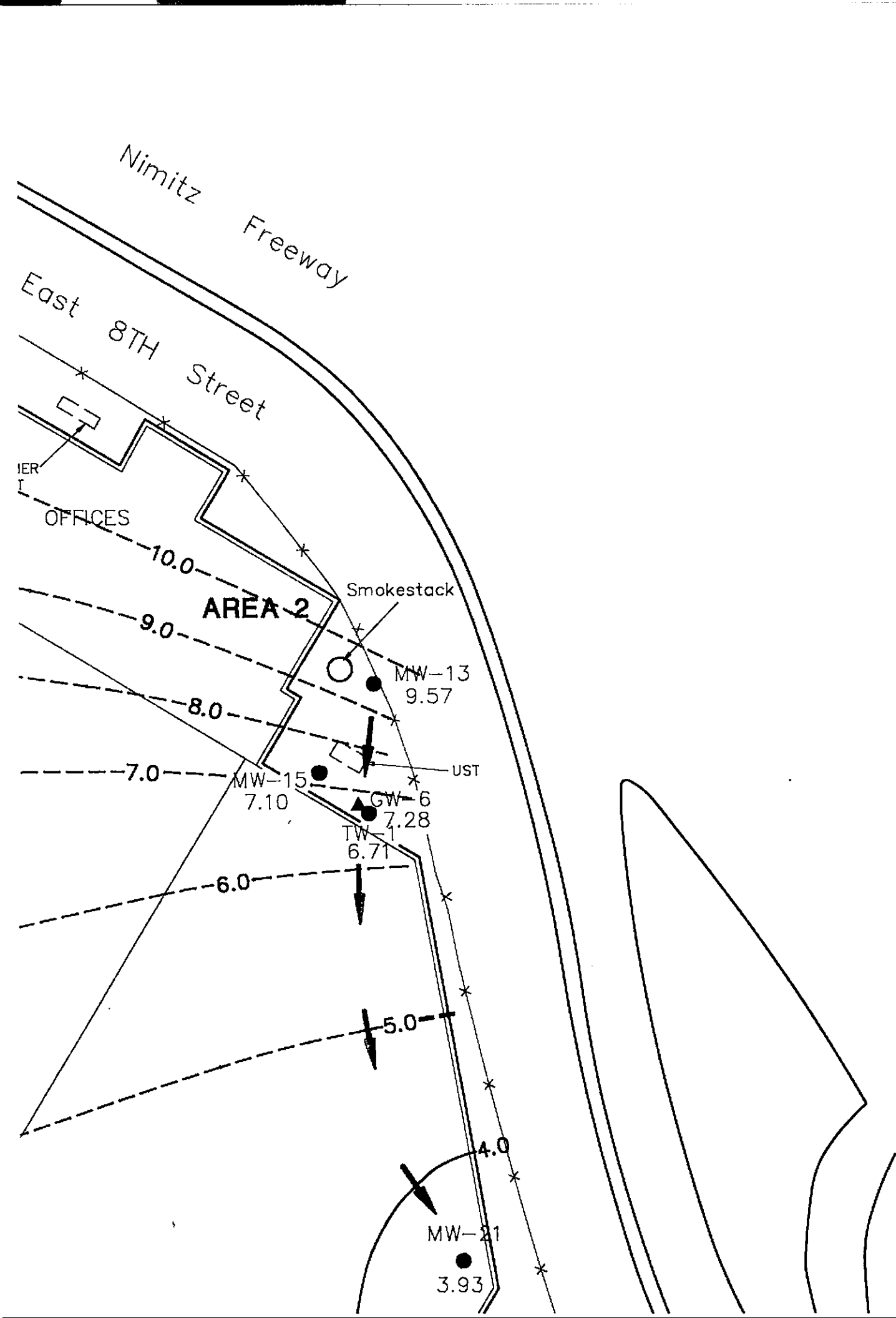
SCALE IN FEET

DUNN GEOSCIENCE CORPORATION
 12 Metro Park Road
 Albany, NY 12205

GROUNDWATER CONTOUR MAP
 10/21/91
AMERICAN NATIONAL CAN
 OAKLAND PLANT

CITY OF OAKLAND ALAMEDA COUN





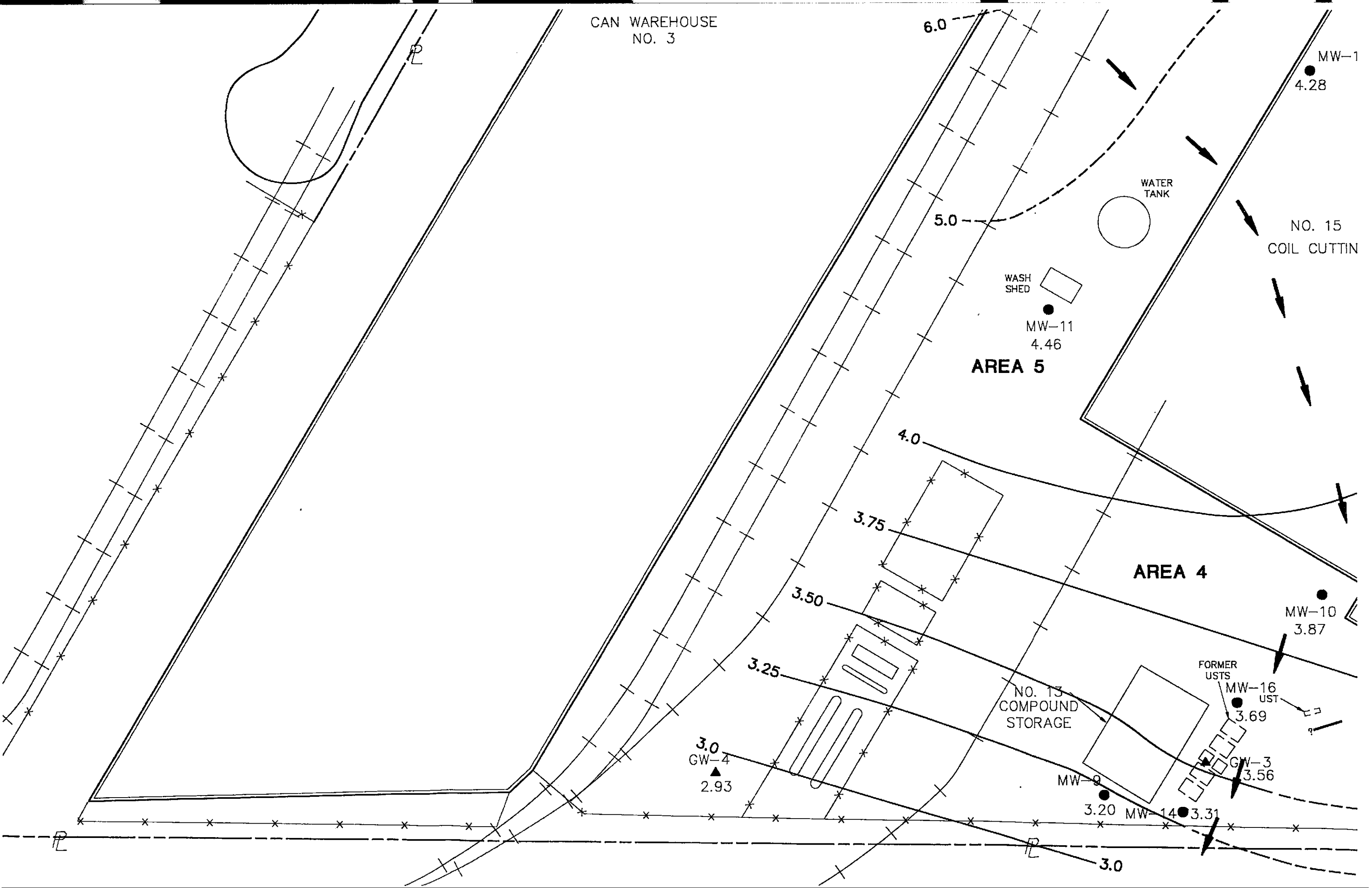
LEGEND

MW-3 WELL IDENTIFICATION NUMBER
 ● MONITORING WELL LOCATION
 6.29 GROUNDWATER ELEVATION

— 4.0 GROUNDWATER CONTOUR
 (dashed where inferred)

← DIRECTION OF GROUNDWATER FLOW

CAN WAREHOUSE
NO. 3



MW-1
4.28

WATER TANK

WASH SHED

MW-11
4.46

AREA 5

NO. 15
COIL CUTTING

AREA 4

MW-10
3.87

NO. 15
COMPOUND
STORAGE

FORMER
USTS
MW-16
UST
3.69

3.0
GW-4
2.93

MW-9
3.20

GW-3
3.56

MW-14
3.31

3.0

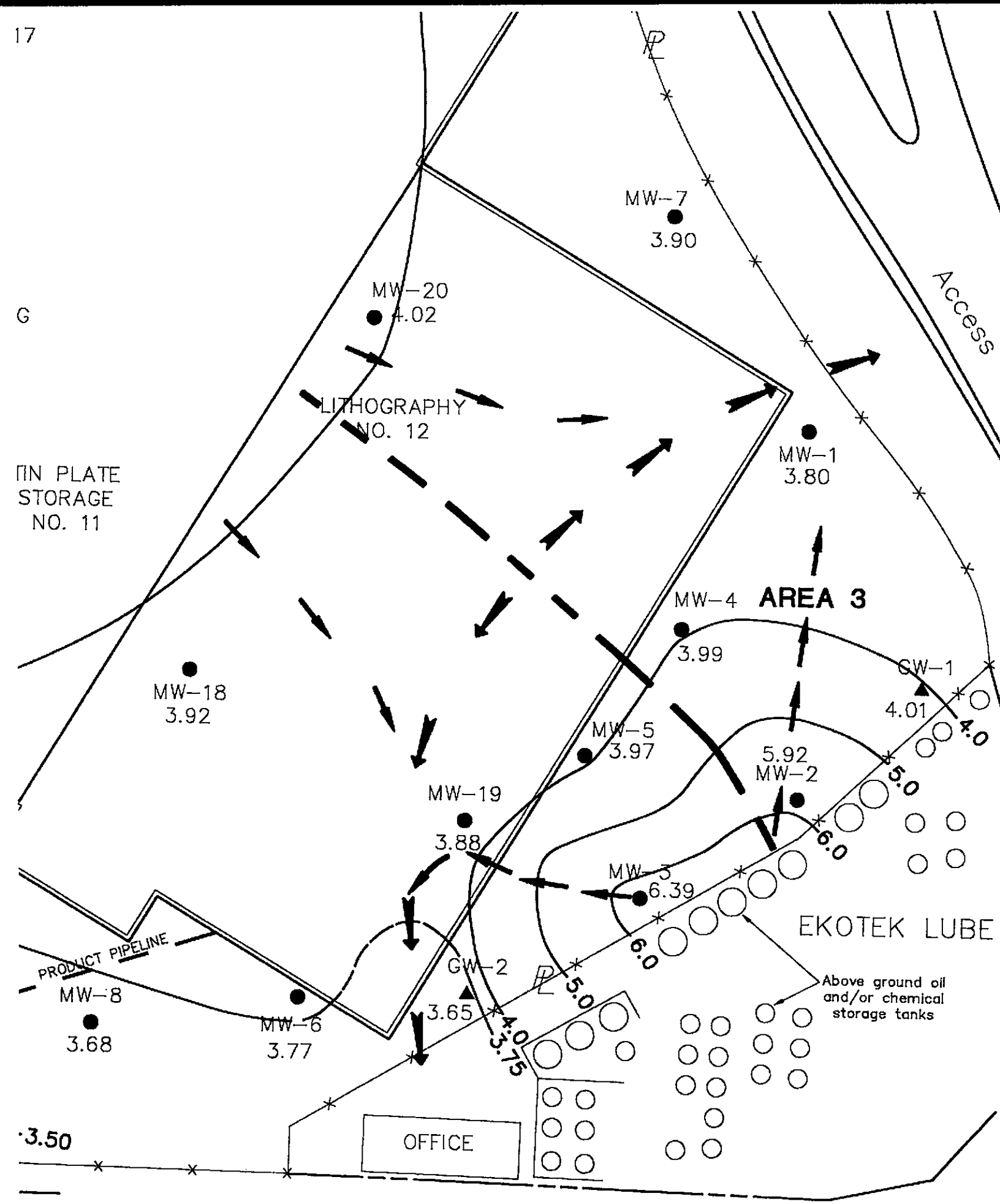
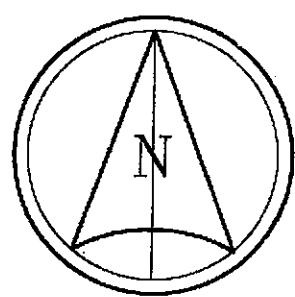
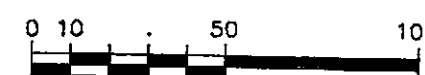
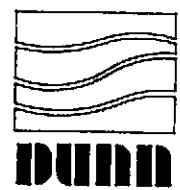


PLATE 9

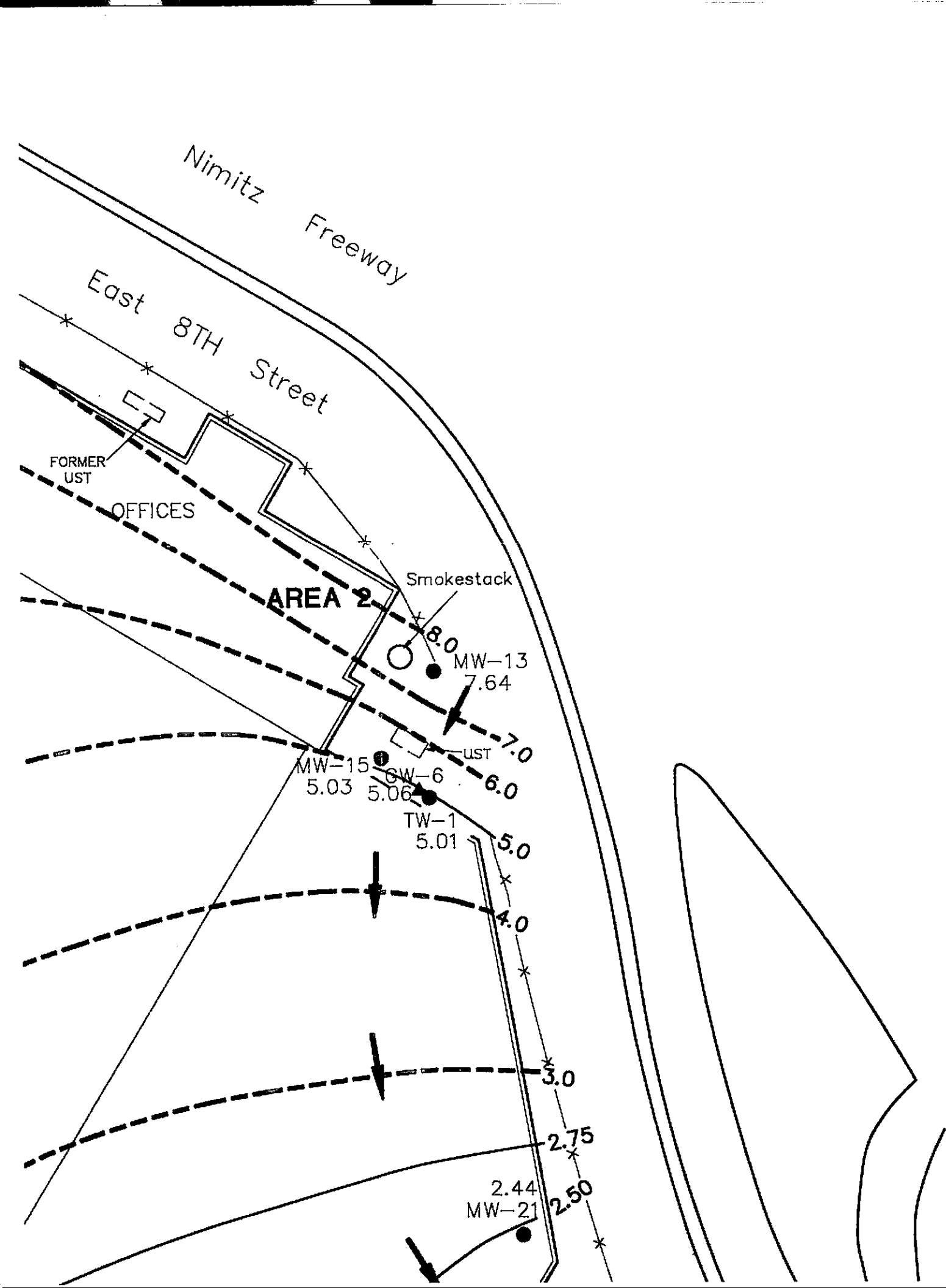
PROJ. MGR: Edward W. Alusow	REVISIONS		BY	DATE
PREPARED BY: Walter O. Howard	Added wells & boring locations	WOH	12/1/91	
DRAFTED BY: S.C.Galloway				
CHECKED BY:				
PROJ. NO.: 02345-01983				
DWG. NO. 2M8985_9				
DATE: March 1992				
SHEET 1 OF 4				
DATUM:				
CONTOUR INTERVAL = .25'/1.0' Ft.				
USGS QUAD.: OAKLAND EAST				


 GEOGRAPHIC NORTH



DUNN GEOSCIENCE CORPORATION
 12 Metro Park Road
 Albany, NY 12205

GROUNDWATER CONTOUR MAP 2/25/92
AMERICAN NATIONAL CAN
 OAKLAND PLANT





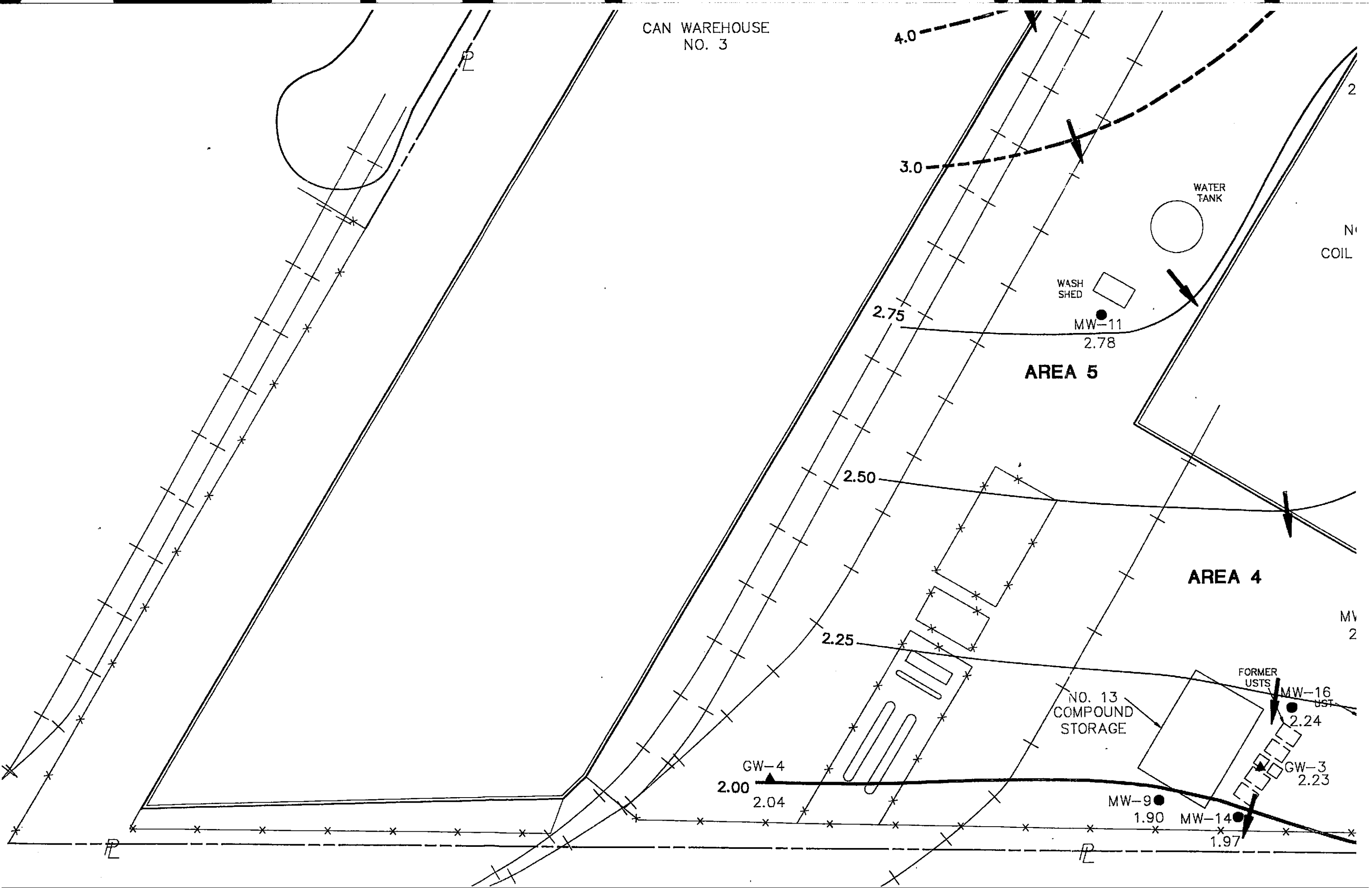
LEGEND

MW-3 WELL IDENTIFICATION NUMBER
 ● MONITORING WELL LOCATION
 6.29 GROUNDWATER ELEVATION

— 4.0 GROUNDWATER CONTOUR
 (dashed where inferred)

➔ DIRECTION OF GROUNDWATER FLOW

CAN WAREHOUSE
NO. 3



AREA 5

AREA 4

NO. 13
COMPOUND
STORAGE

FORMER
USTS

GW-4
2.00
2.04

MW-9
1.90

MW-14
1.97

MW-16
UST
2.24
GW-3
2.23

WASH
SHED

WATER
TANK

NO
COIL

MV
2

INFERRED AXIS OF GROUNDWATER TROUGH SHOWING FLOW DIRECTION

INFERRED LOCATION OF GROUNDWATER DIVIDE

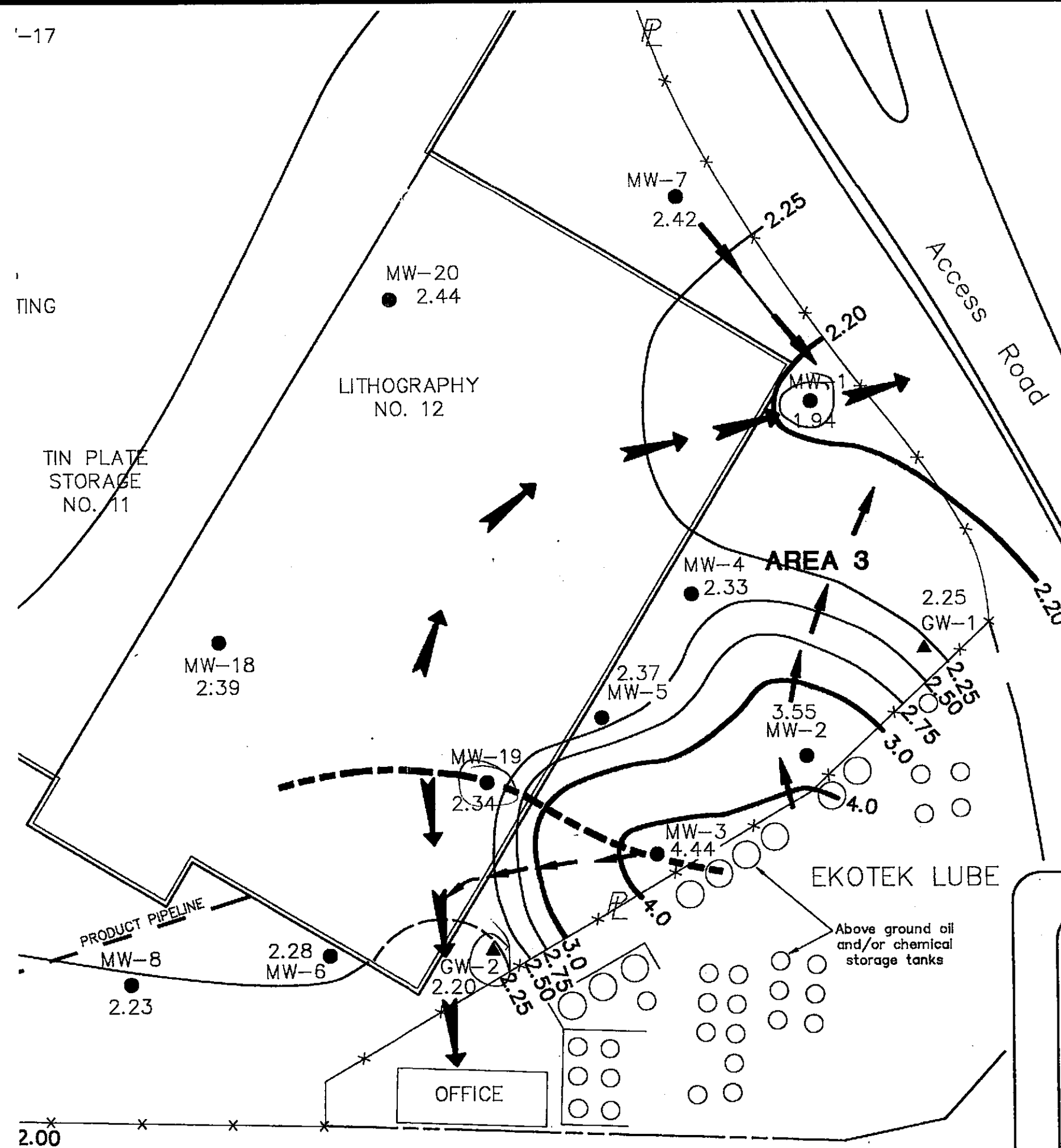
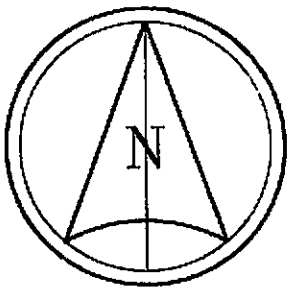
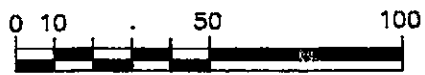
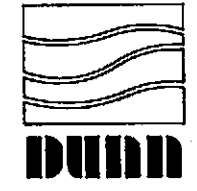


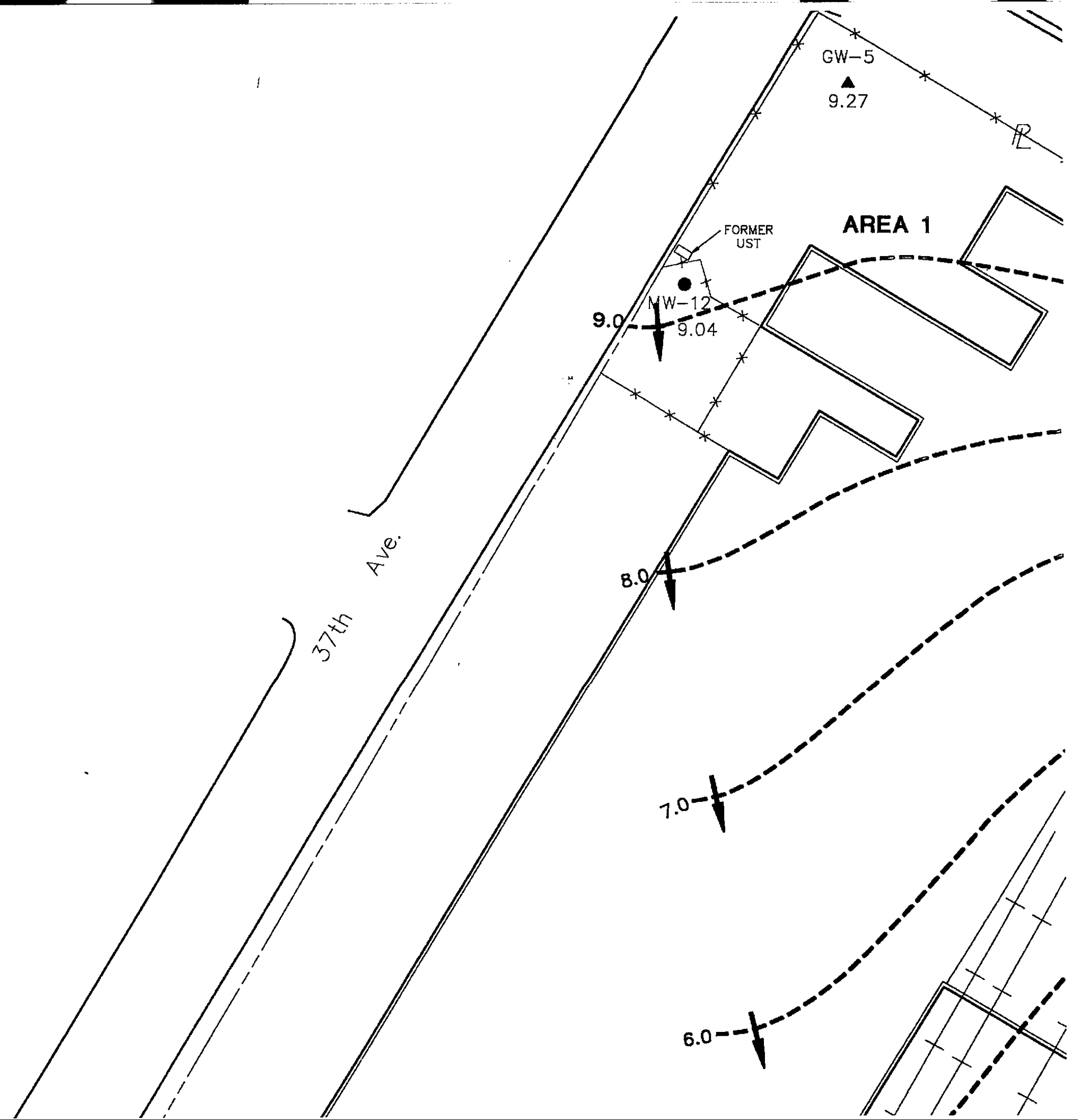
PLATE 12

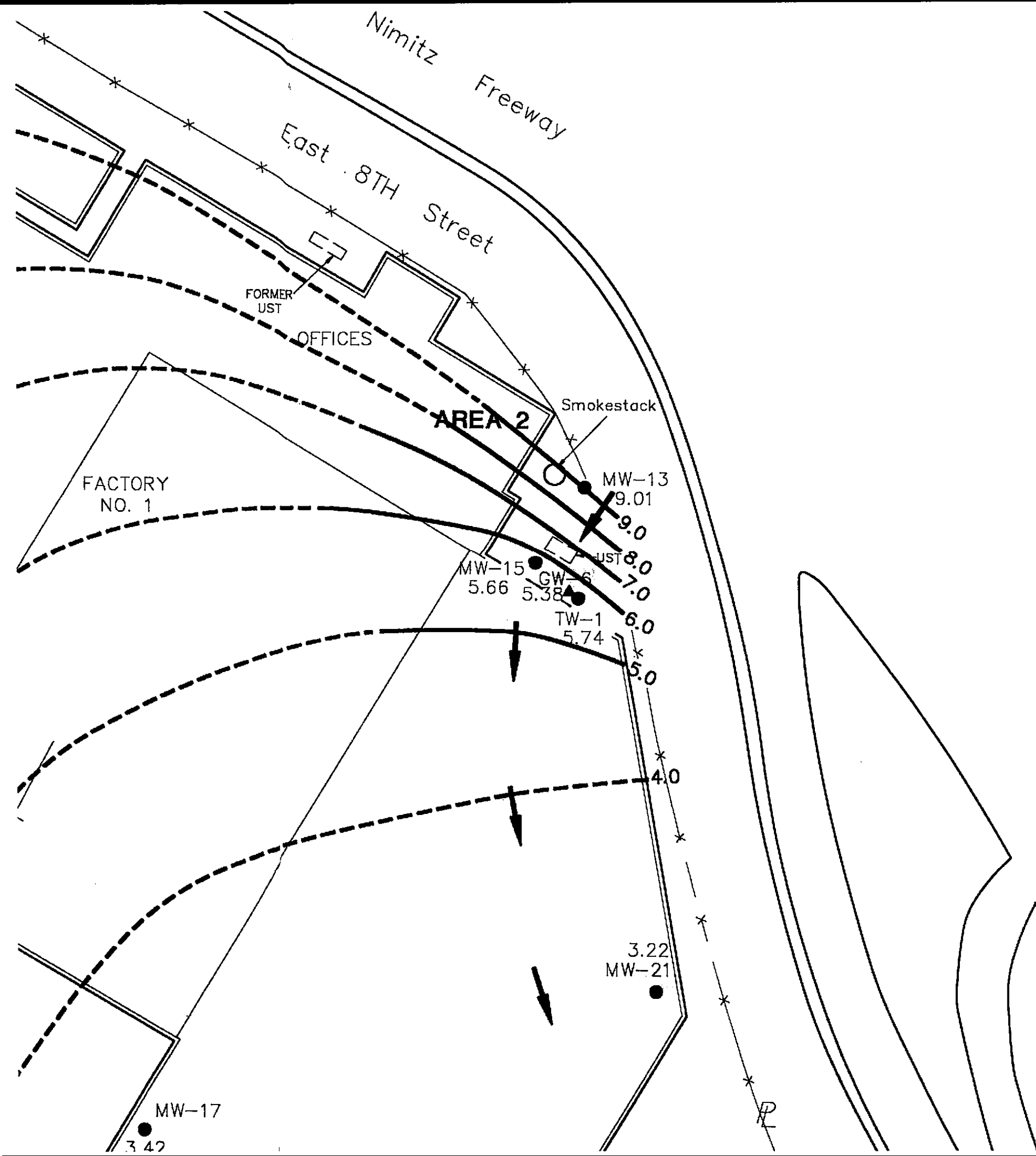
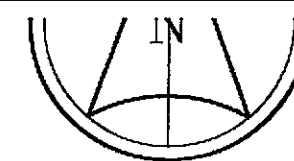
PROJ. MGR: Edward W. Alusow	REVISIONS		BY	DATE
PREPARED BY: Walter O. Howard				
DRAFTED BY: S.C.Galloway				
CHECKED BY:				
PROJ. NO.: 02345-01983				
DWG. NO. 2M8985_13				
DATE: 12/92				
SHEET 1 OF 4				
DATUM:				
CONTOUR INTERVAL = .25'/1.0' Ft.				
USGS QUAD.: OAKLAND EAST				


 GEOGRAPHIC NORTH

 SCALE IN FEET


DUNN GEOSCIENCE CORPORA
 12 Metro Park Road
 Albany, NY 12205

 GROUNDWATER CONTOUR MAP 12/3
AMERICAN NATIONAL CAN
 OAKLAND PLANT





LEGEND

- MW-3 WELL IDENTIFICATION NUMBER
- MONITORING WELL LOCATION
- 6.29 GROUNDWATER ELEVATION
- 4.0 GROUNDWATER CONTOUR (dashed where inferred)
- ← DIRECTION OF GROUNDWATER FLOW
- ← INFERRED AXIS OF GROUNDWATER TROUGH SHOWING FLOW DIRECTION

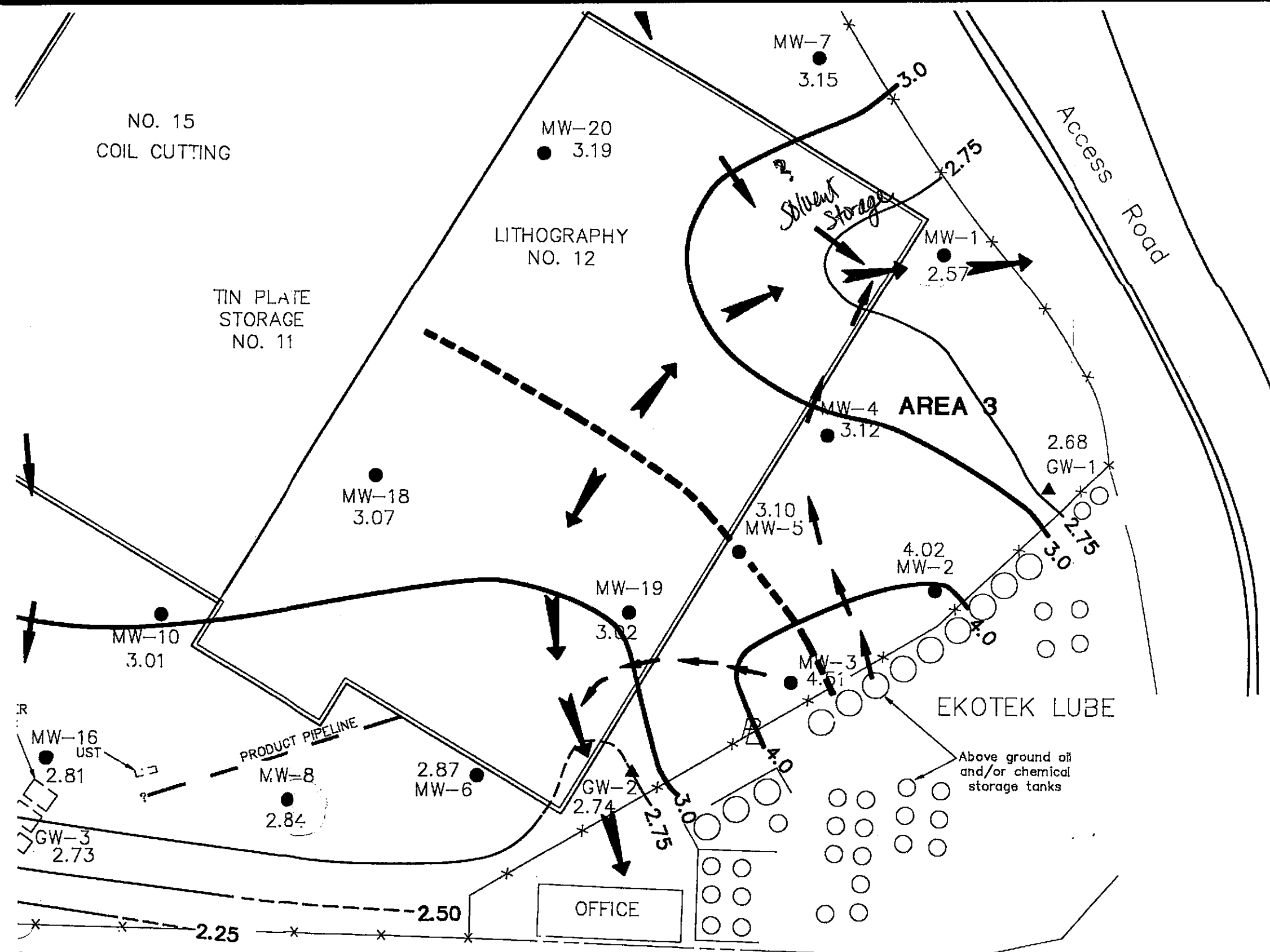


PLATE 15

NAMES	
DRAWN:	S. C. Galloway
DESIGN:	Walter O. Howard
PROJ. MGR.:	Edward W. Alusow
DATUM:	MSL
CONTOUR INTERVAL:	0.25'/1.0'
U.S.G.S. QUAD.:	OAKLAND EAST

RUST ENVIRONMENT & INFRASTRUCTURE

CLIENT
DWG. NO.

GROUNDWATER CONTOUR MAP 9/23/93

NA

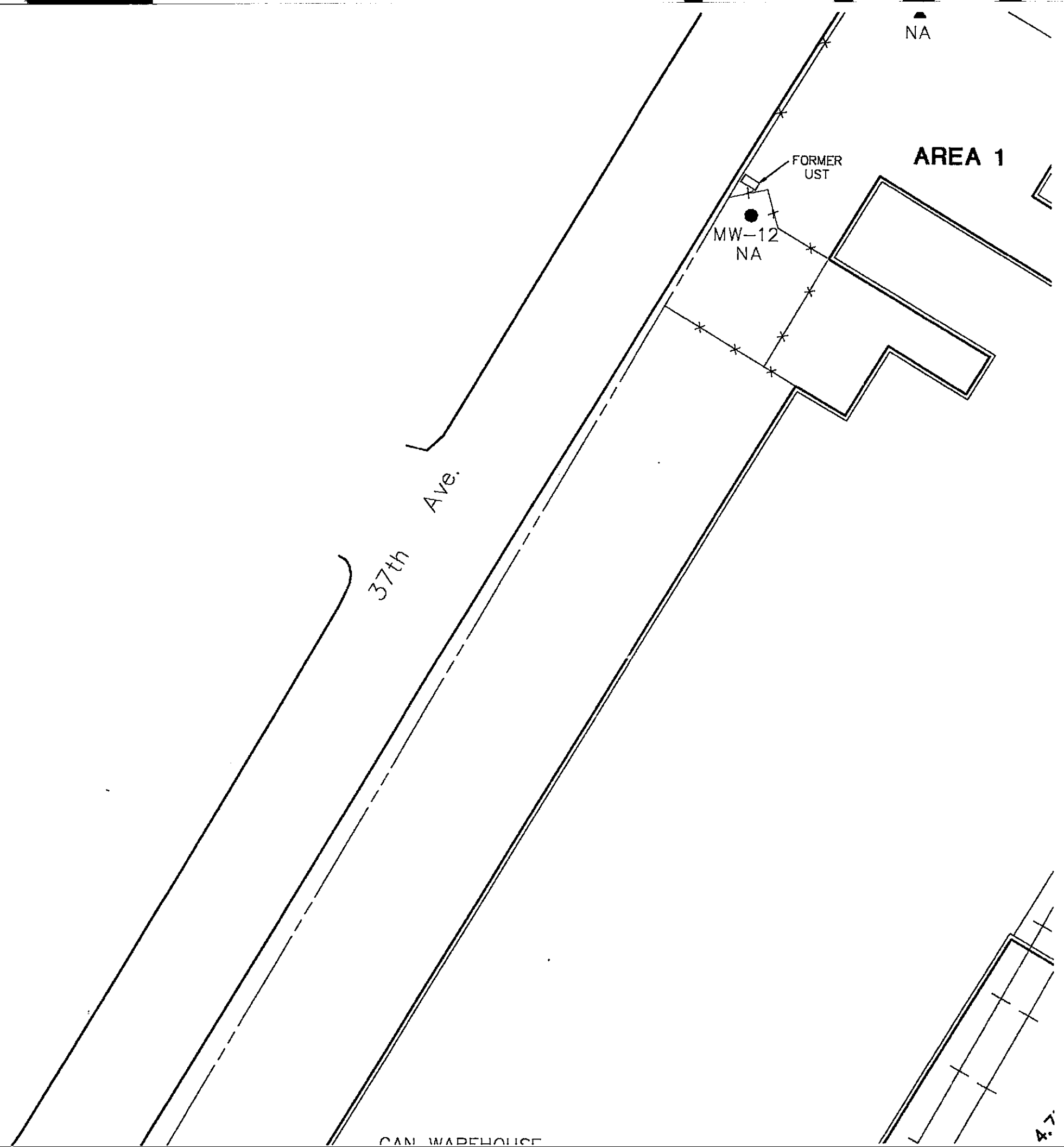
AREA 1

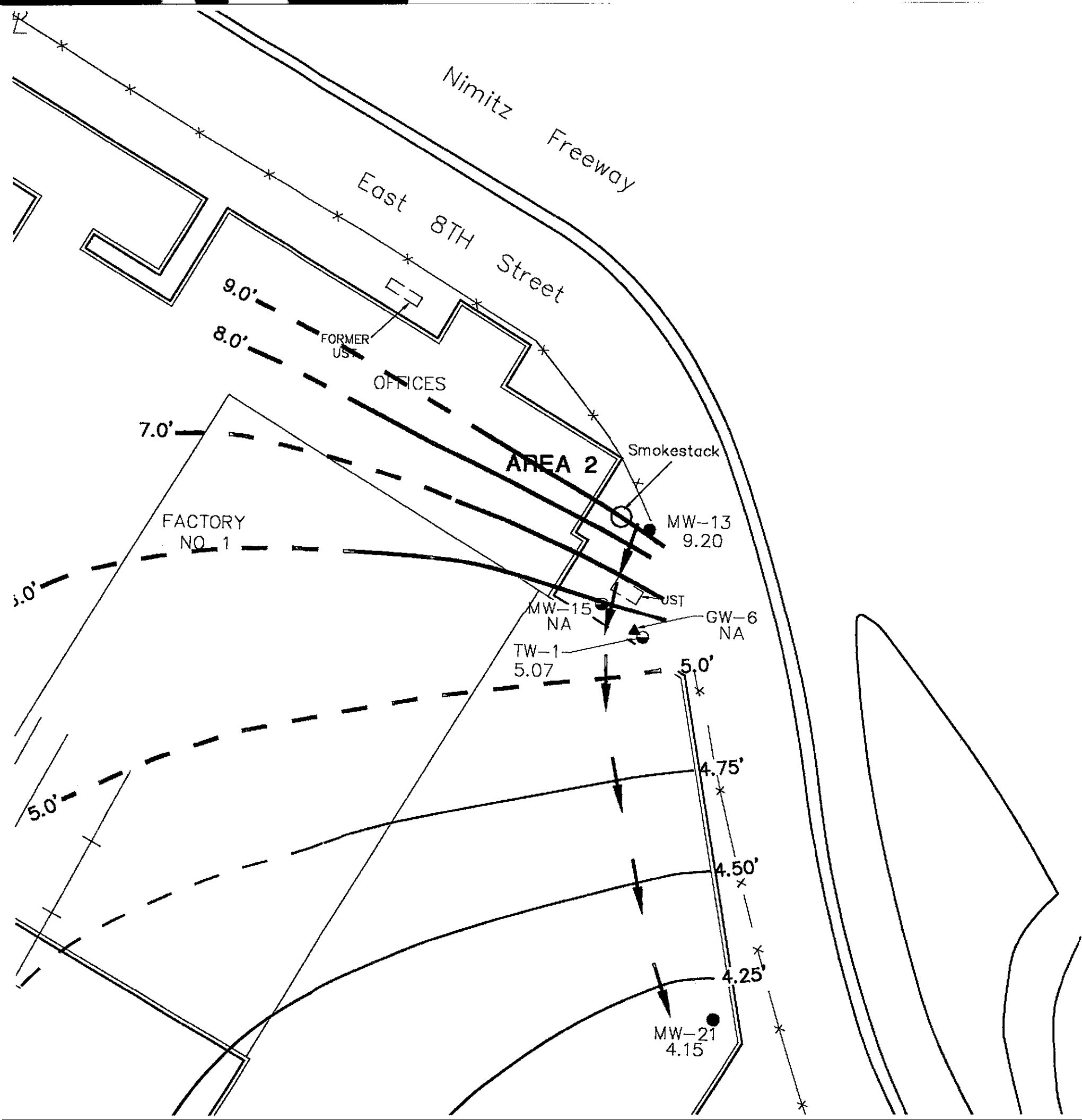
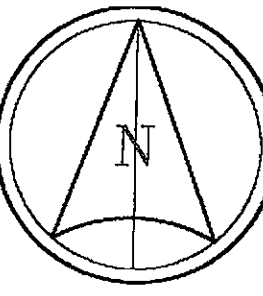
FORMER
UST

MW-12
NA

37th
Ave.

CAN WAREHOUSE





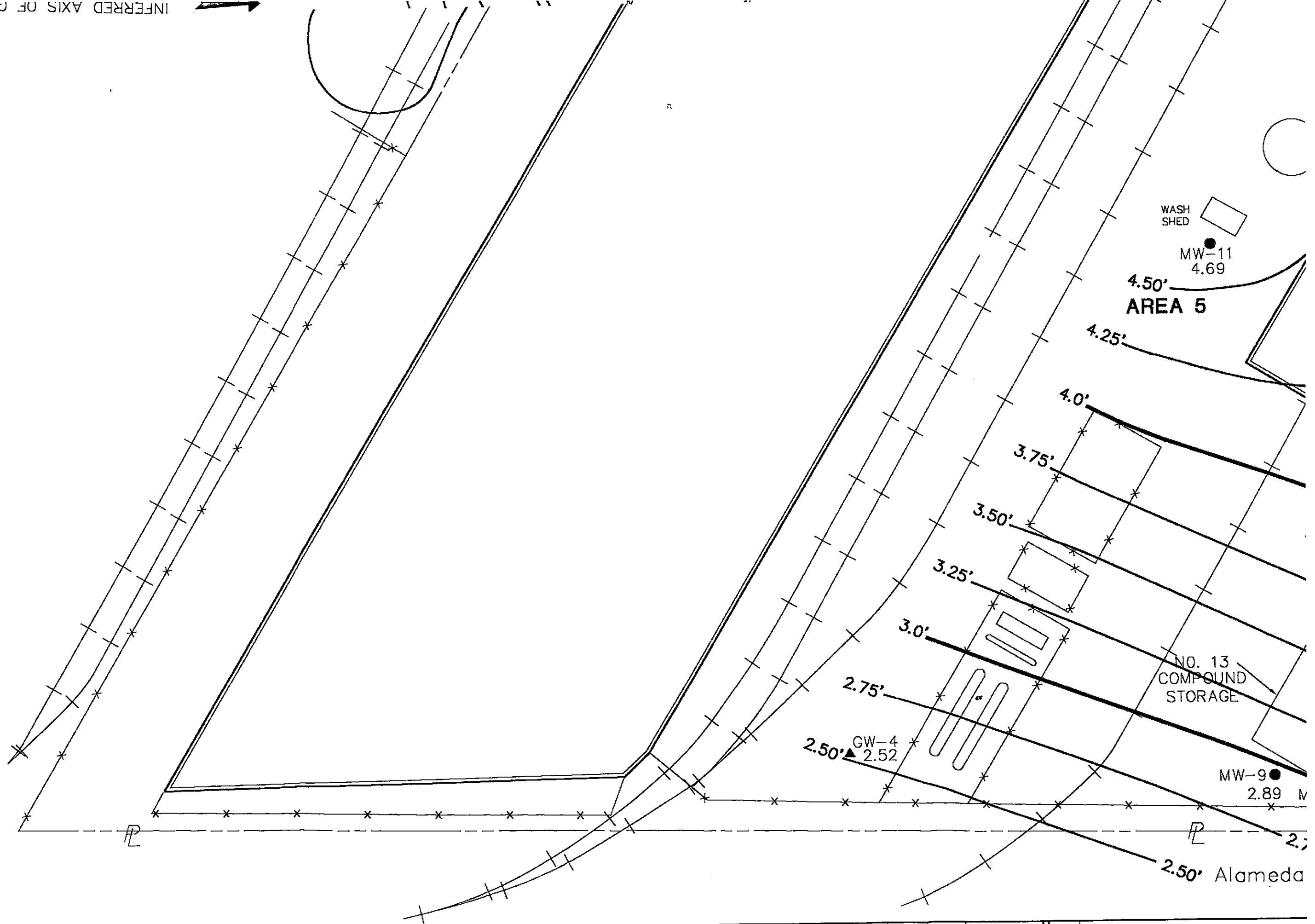
LEGEND

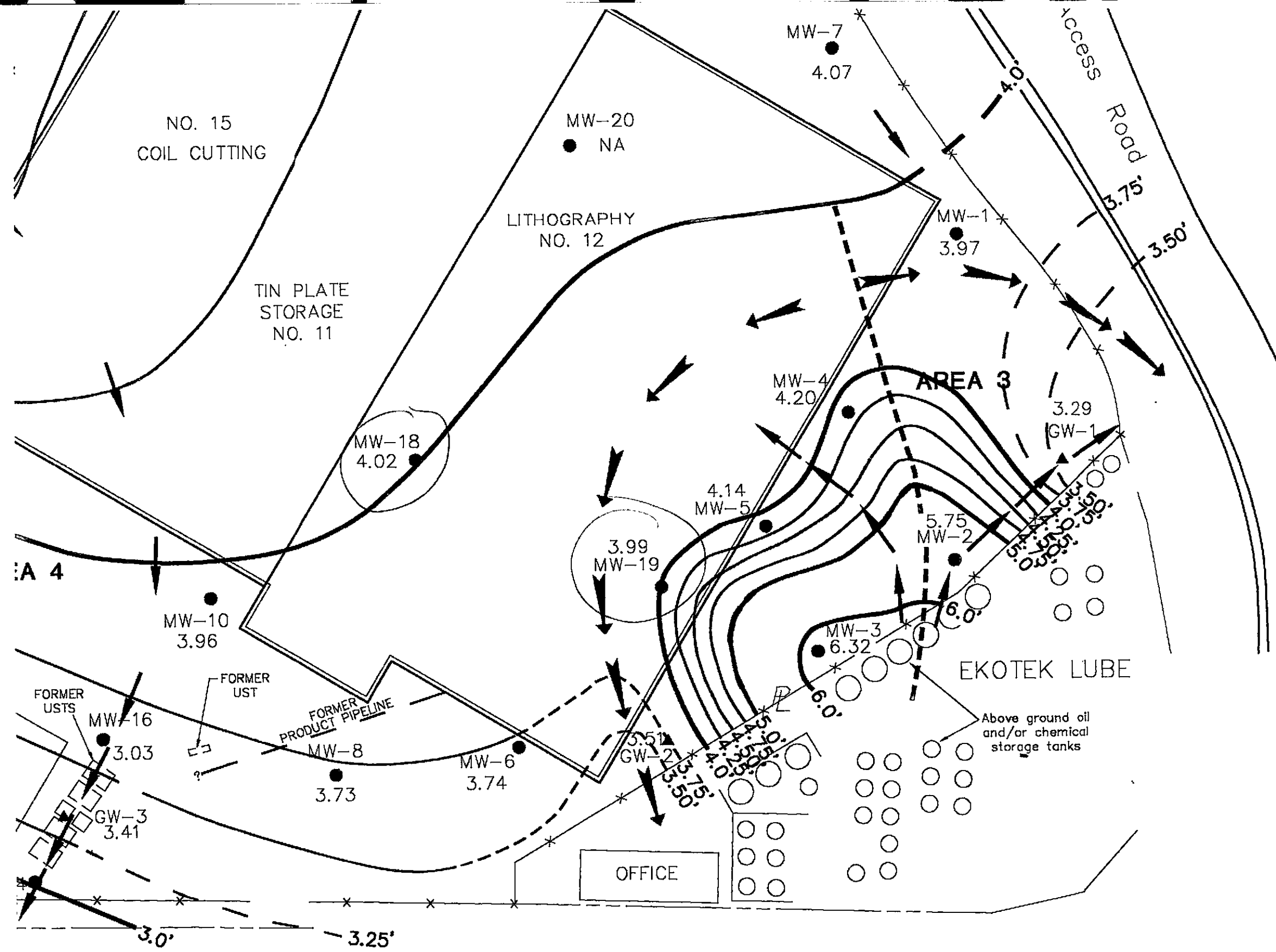
MW-3 WELL IDENTIFICATION NUMBER
● MONITORING WELL LOCATION
6.29 GROUNDWATER ELEVATION

— 4.0 GROUNDWATER CONTOUR
(dashed where inferred)

← DIRECTION OF GROUNDWATER FLOW

INFERRED AXIS OF GROUNDWATER





NOTE:

THE GROUNDWATER ELEVATION RECORDED FOR WELL MW-16 (3.03') IS MUCH LOWER RELATIVE TO SURROUNDING WELLS THAN HAS EVER BEEN PREVIOUSLY RECORDED. THIS ANOMALY MAY REFLECT A MEASUREMENT ERROR. THE ELEVATION WAS SPOTTED ON THE MAP, HOWEVER IT WAS NOT USED IN CONTOURING.

NA = WELLS WERE NOT ACCESSIBLE.

PLATE 17

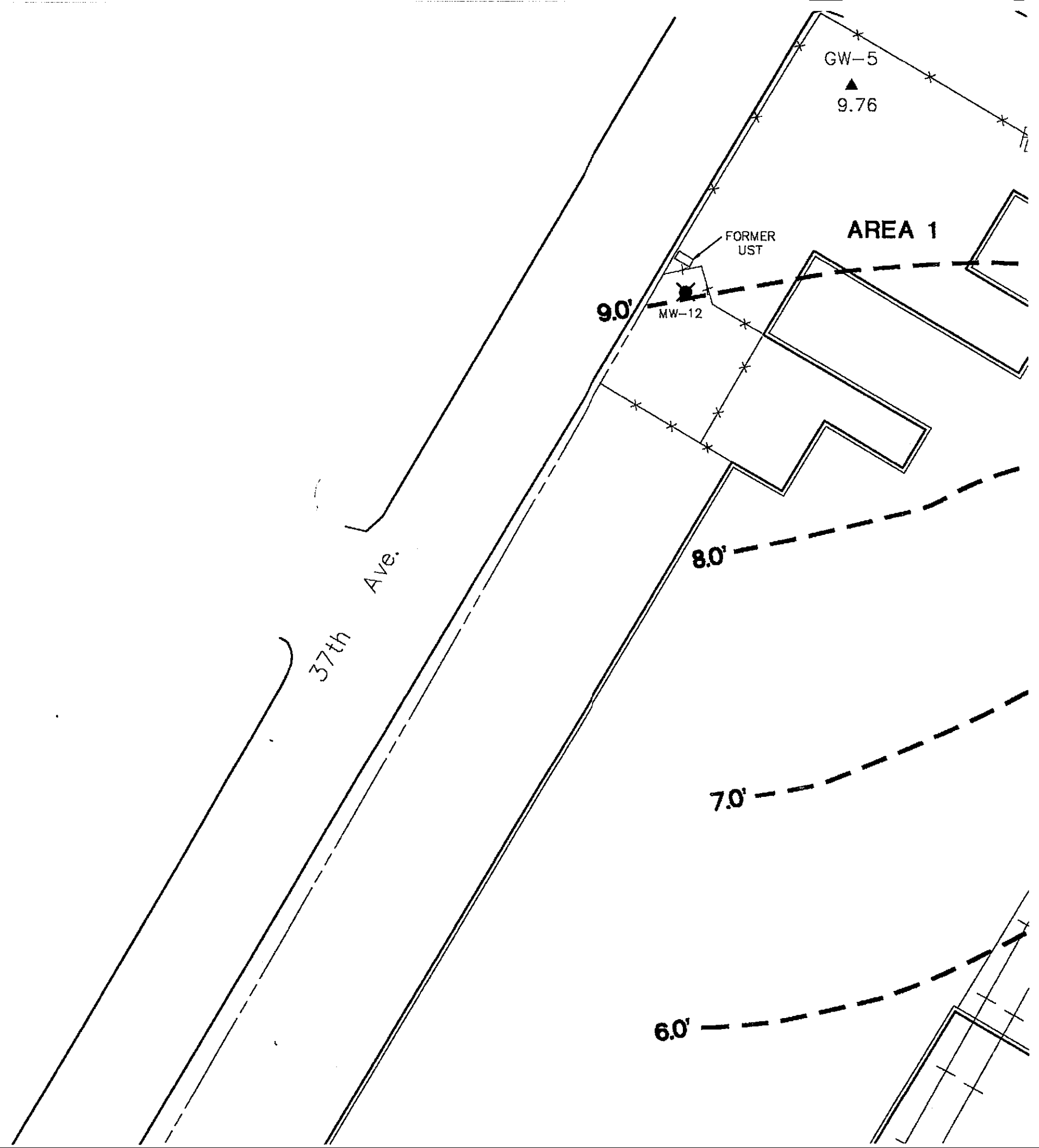
Ave.

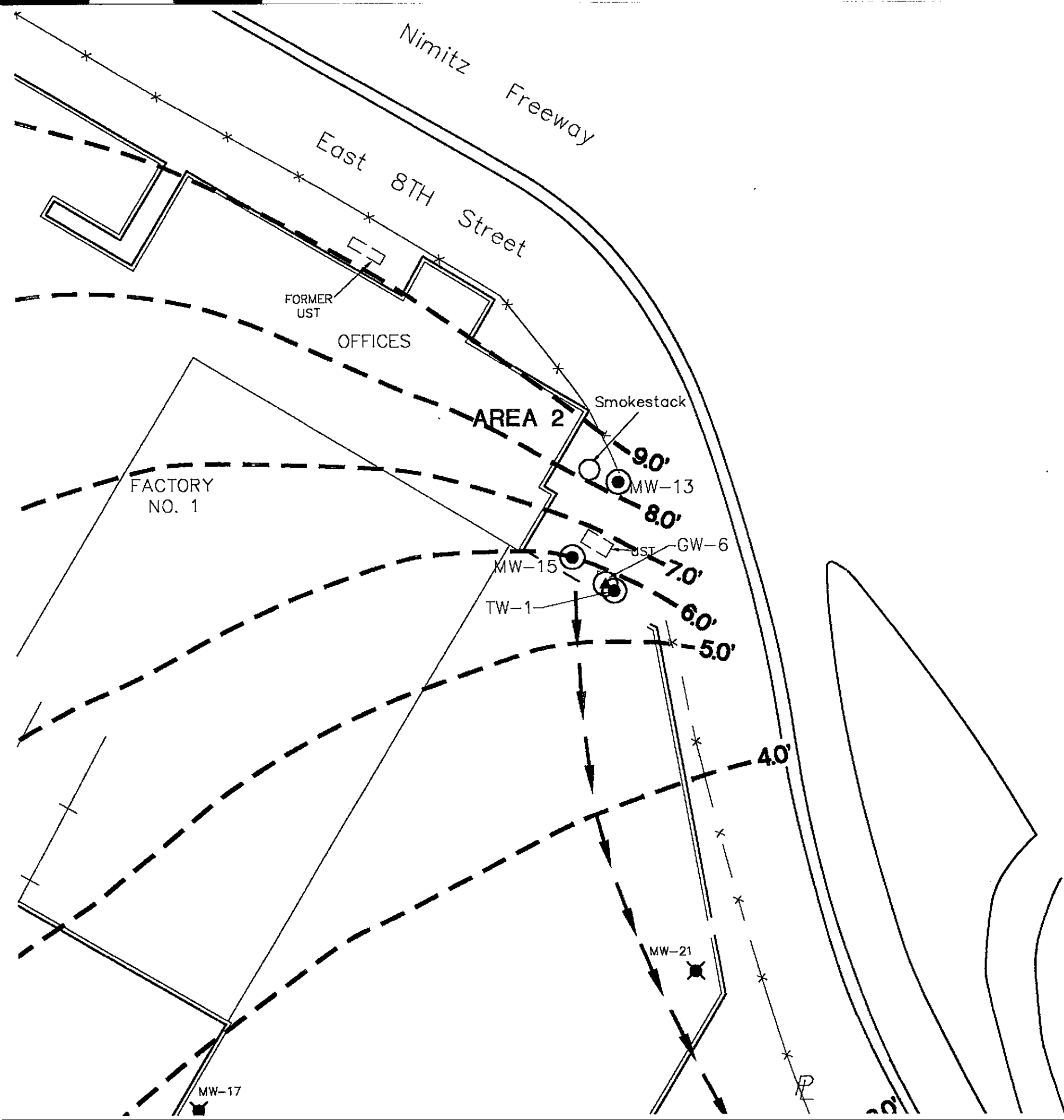
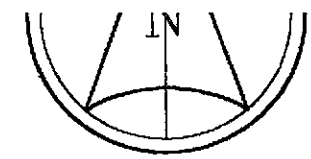
NAMES	
DRAWN: DAM	DATUM: MSL
DESIGN: Walter O. Howard	CONTOUR INTERVAL: 0.25'/1.0'
PROJ. MGR.: Edward W. Alusow	U.S.G.S. QUAD.: OAKLAND EAST

CLIENT DWG. NO.
RUST SURFACE 17

RUST ENVIRONMENT & INFRASTRUCTURE

GROUNDWATER CONTOUR MAP 3/18
AMERICAN NATIONAL CAN

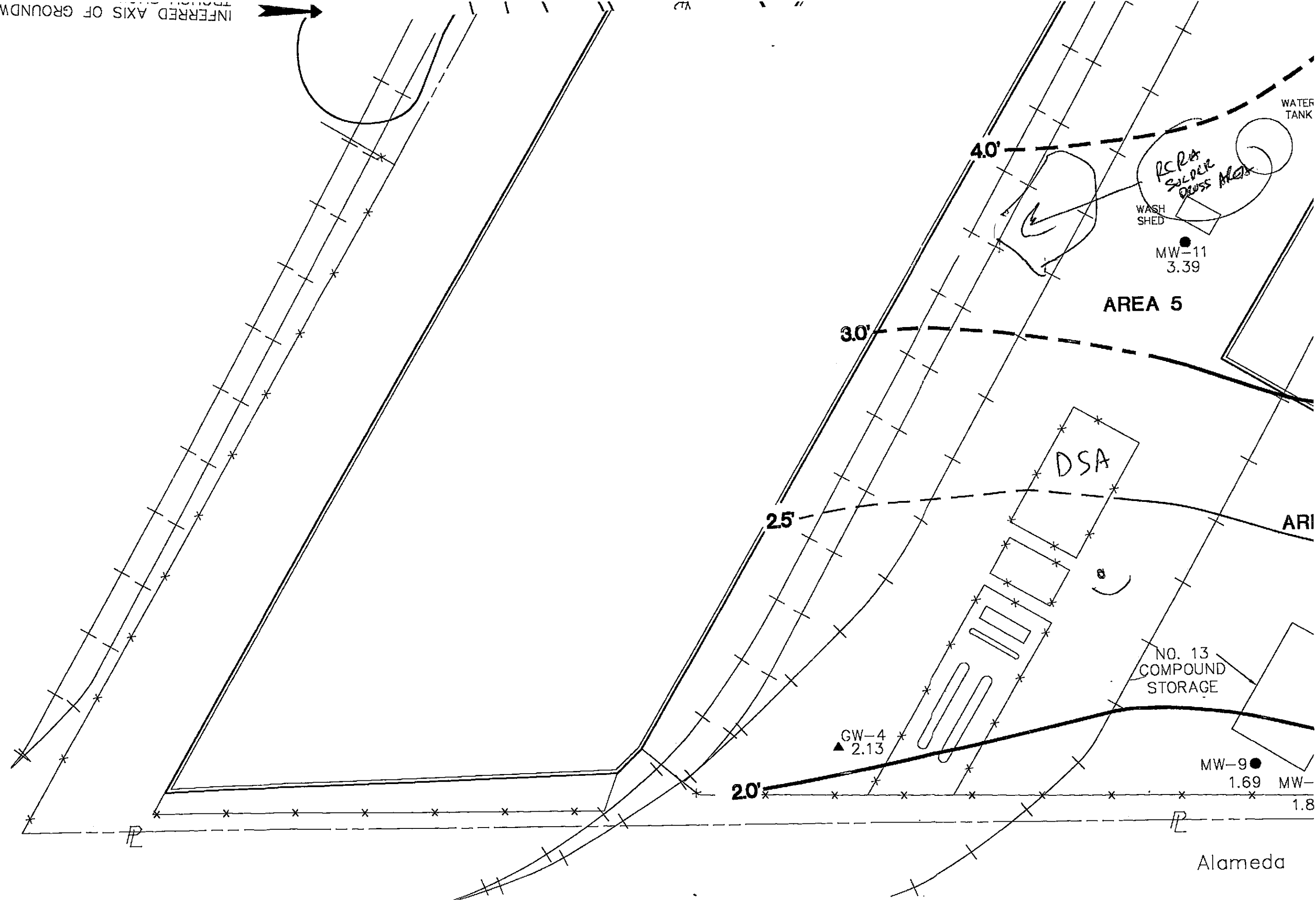




LEGEND

- MW-3' WELL IDENTIFICATION NUMBER
- MONITORING WELL LOCATION
- 6.29 GROUNDWATER ELEVATION
- ⊗ DECOMMISSIONED WELL
- ⊙ NOT ACCESSIBLE
- 4.0' GROUNDWATER CONTOUR (dashed where inferred)
- DIRECTION OF GROUNDWATER FLOW
- ← INFERRED AXIS OF GROUNDWATER TROUGH SHOWING FLOW DIRECTION

INFERRED AXIS OF GROUNDWATER



MW-11
3.39

AREA 5

DSA

ARI

NO. 13
COMPOUND
STORAGE

GW-4
2.13

MW-9
1.69

MW-
1.8

Alameda

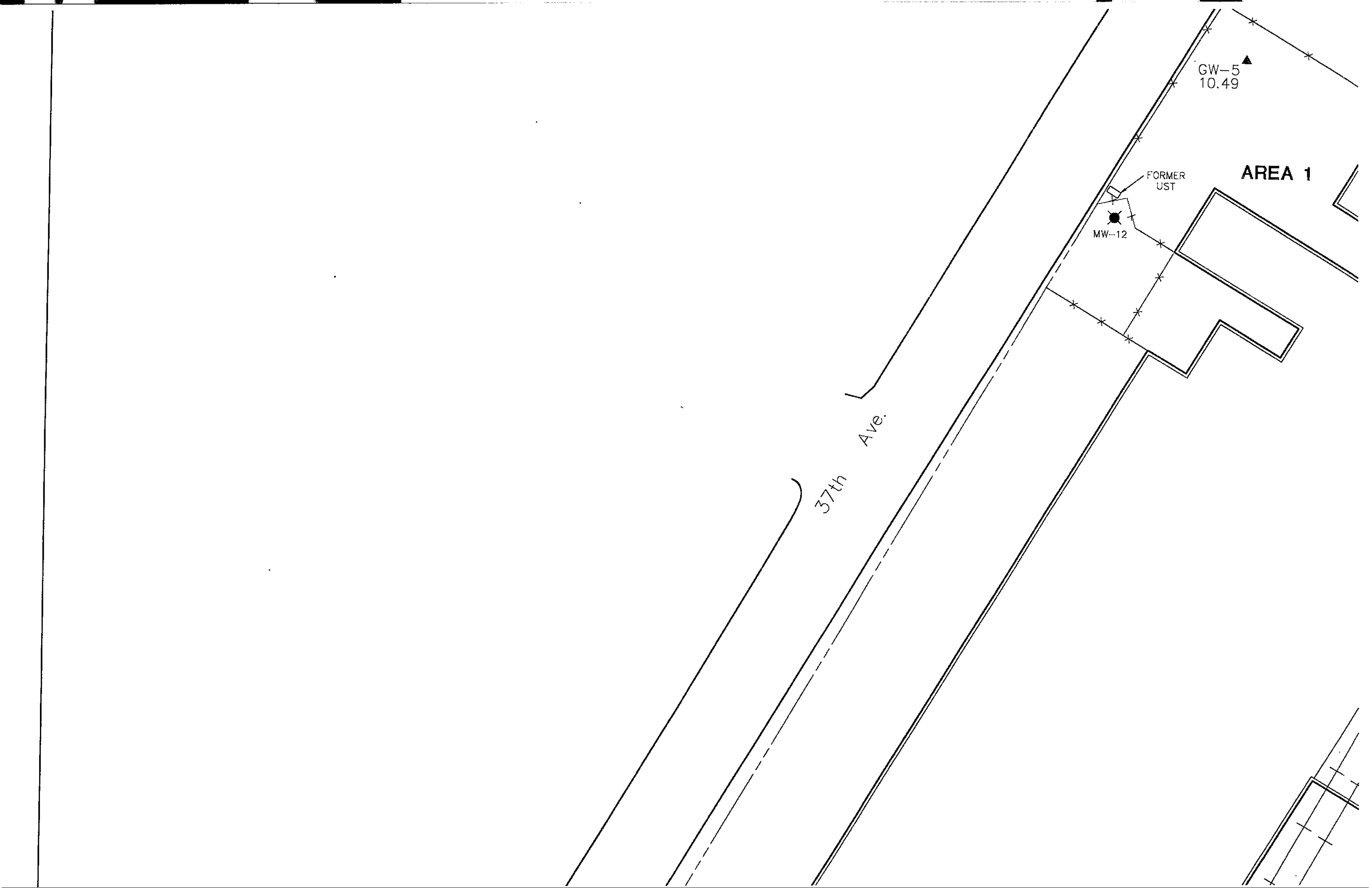
GW-5
10.49

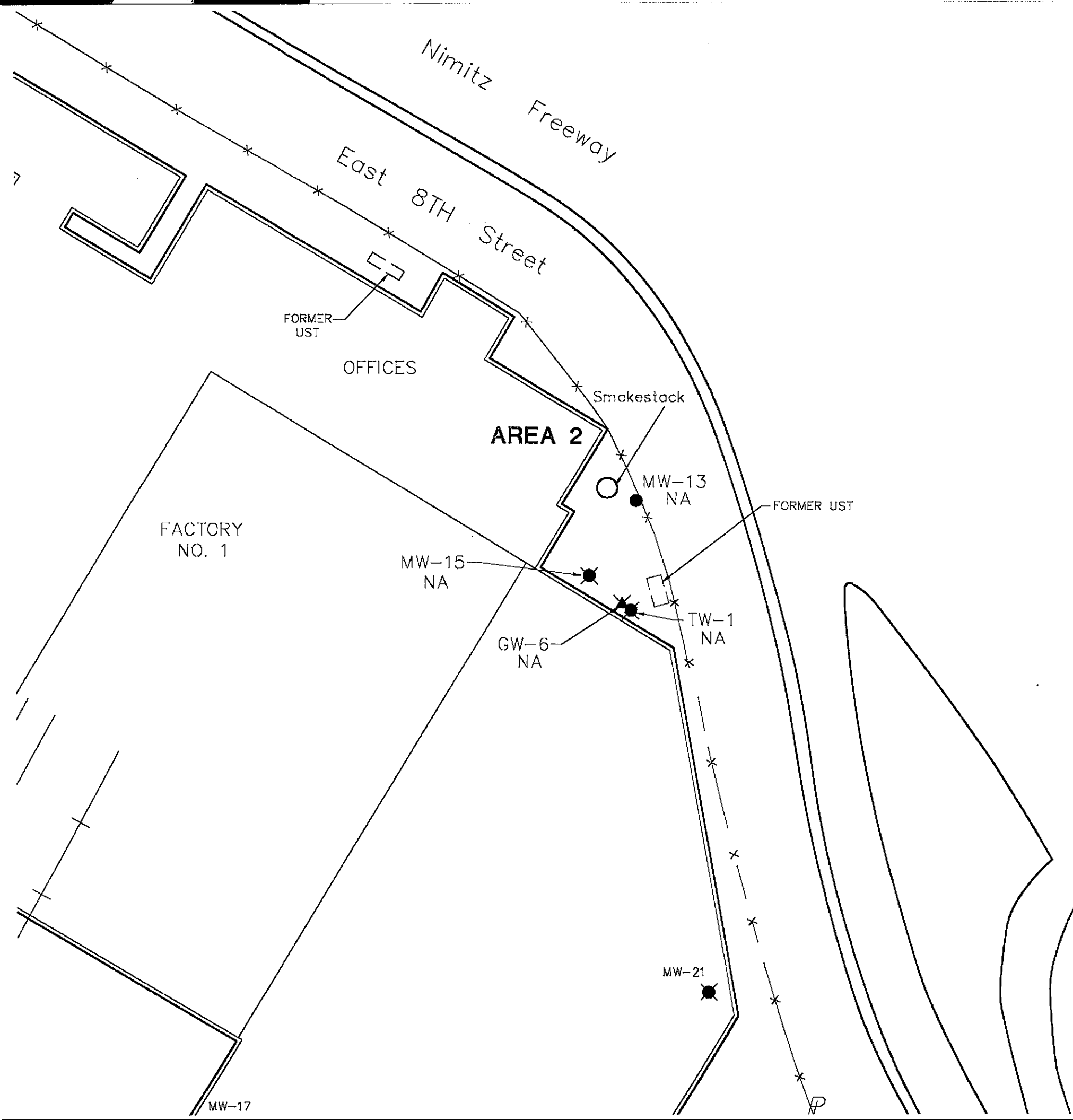
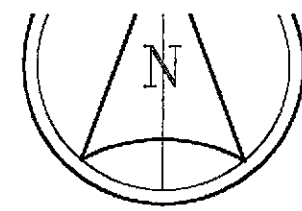
FORMER
UST

AREA 1

MW-12

37th
Ave.

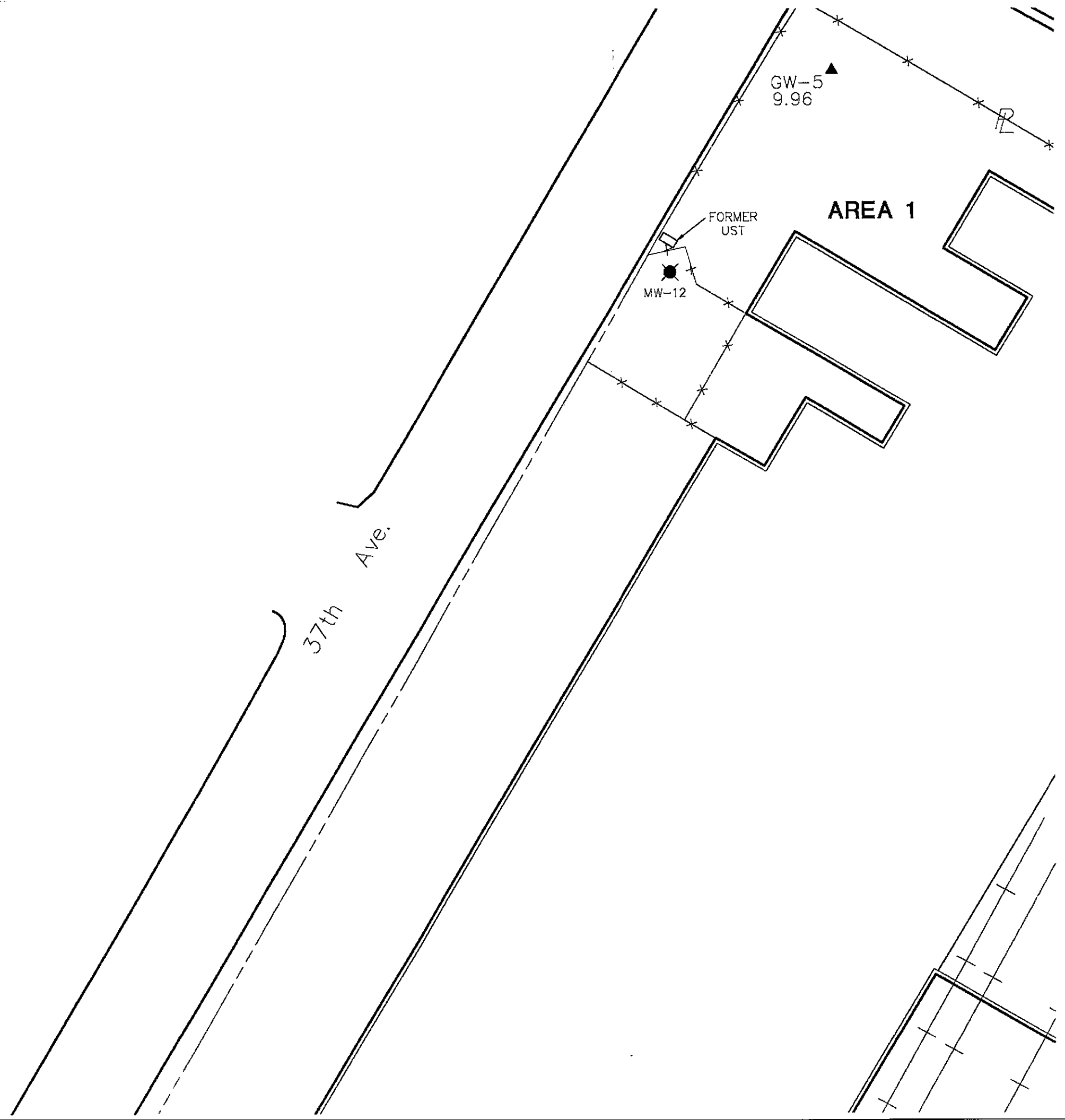




LEGEND

- MW-3 WELL IDENTIFICATION NUMBER
- MONITORING WELL LOCATION
- 6.80 GROUNDWATER ELEVATION
- ✕ DECOMMISSIONED WELL
- ⊙ NOT ACCESSIBLE

- 4.0' GROUNDWATER CONTOUR (dashed where inferred)
- ← DIRECTION OF GROUNDWATER FLOW



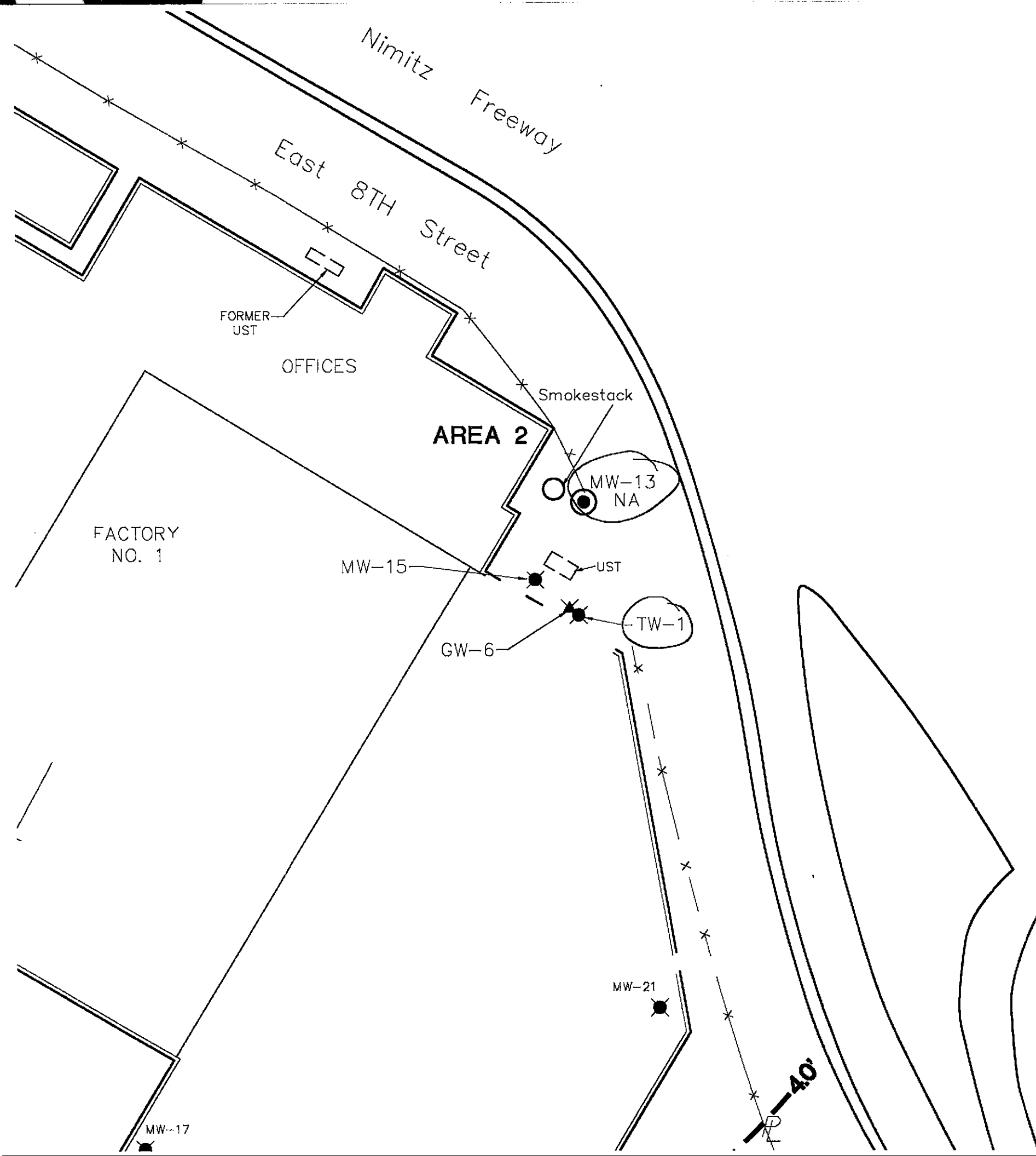
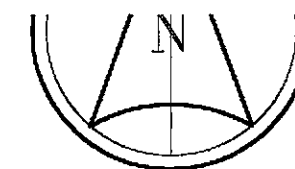
GW-5
9.96

FORMER
UST

MW-12

AREA 1

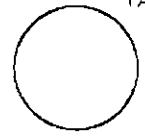
37th
Ave.



LEGEND

- MW-3 WELL IDENTIFICATION NUMBER
- MONITORING WELL LOCATION
- 5.25 GROUNDWATER ELEVATION
- ✕ DECOMMISSIONED WELL
- ⊙ NOT ACCESSIBLE
- 40' GROUNDWATER CONTOUR (dashed where inferred)
- DIRECTION OF GROUNDWATER FLOW
- ← INFERRED AXIS OF GROUNDWATER TROUGH SHOWING FLOW DIRECTION

WAT
TAN



WASH
SHED



MW-11
NA

AREA 5

40'

35'

30'

25'

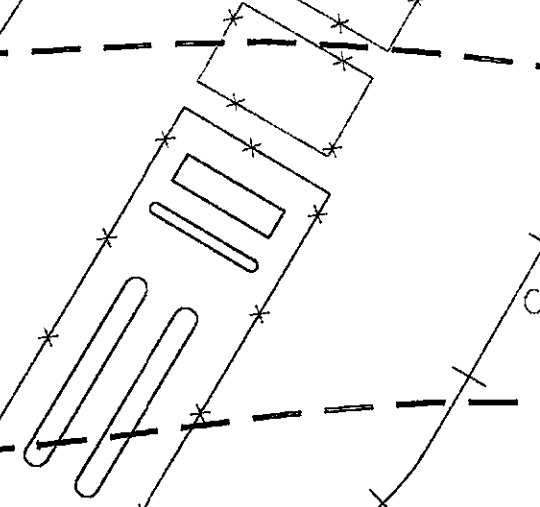
20'

GW-4



NA

NO. 13
COMPOUND
STORAGE

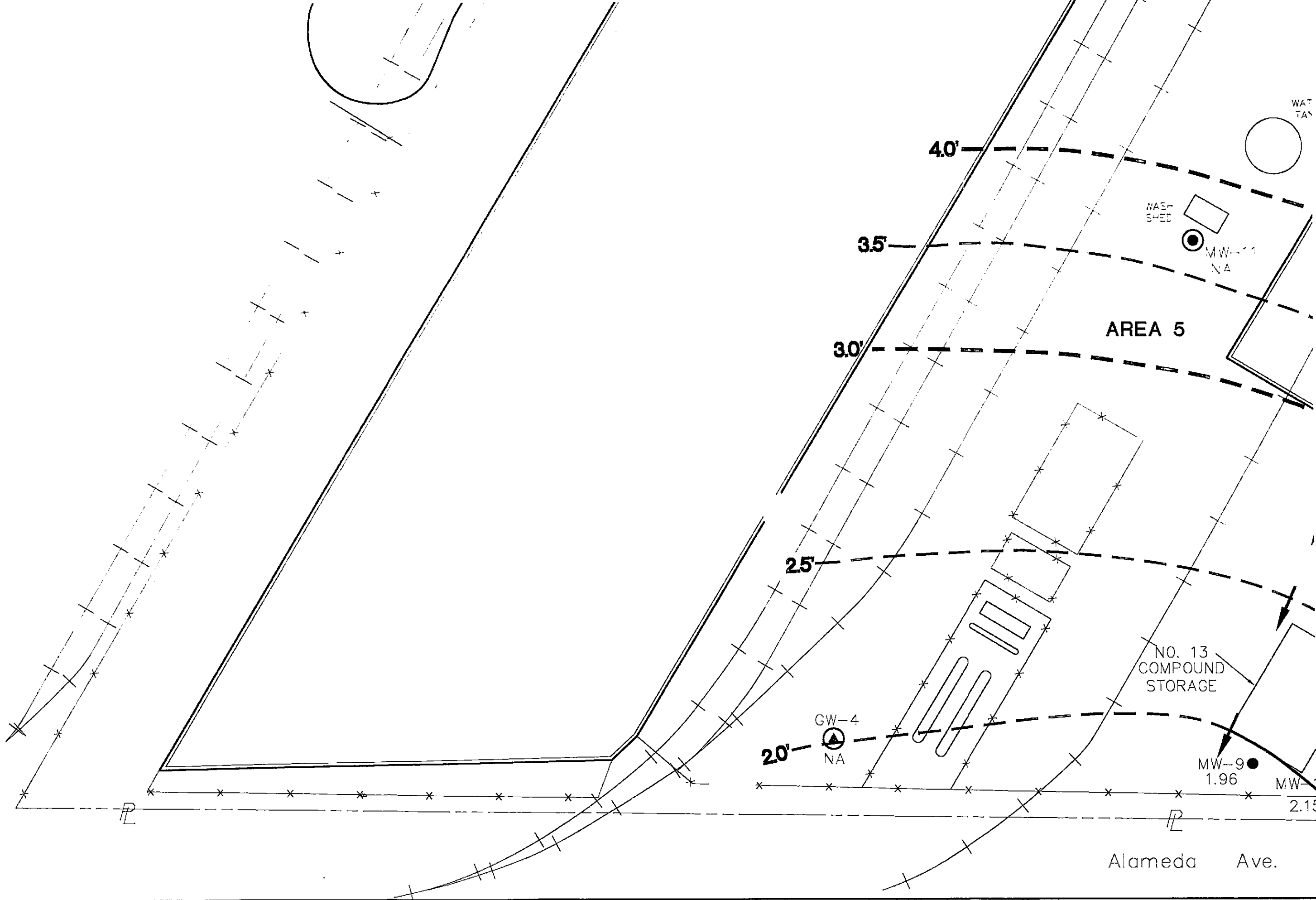


MW-9
1.96



MW-10
2.15

Alameda Ave.



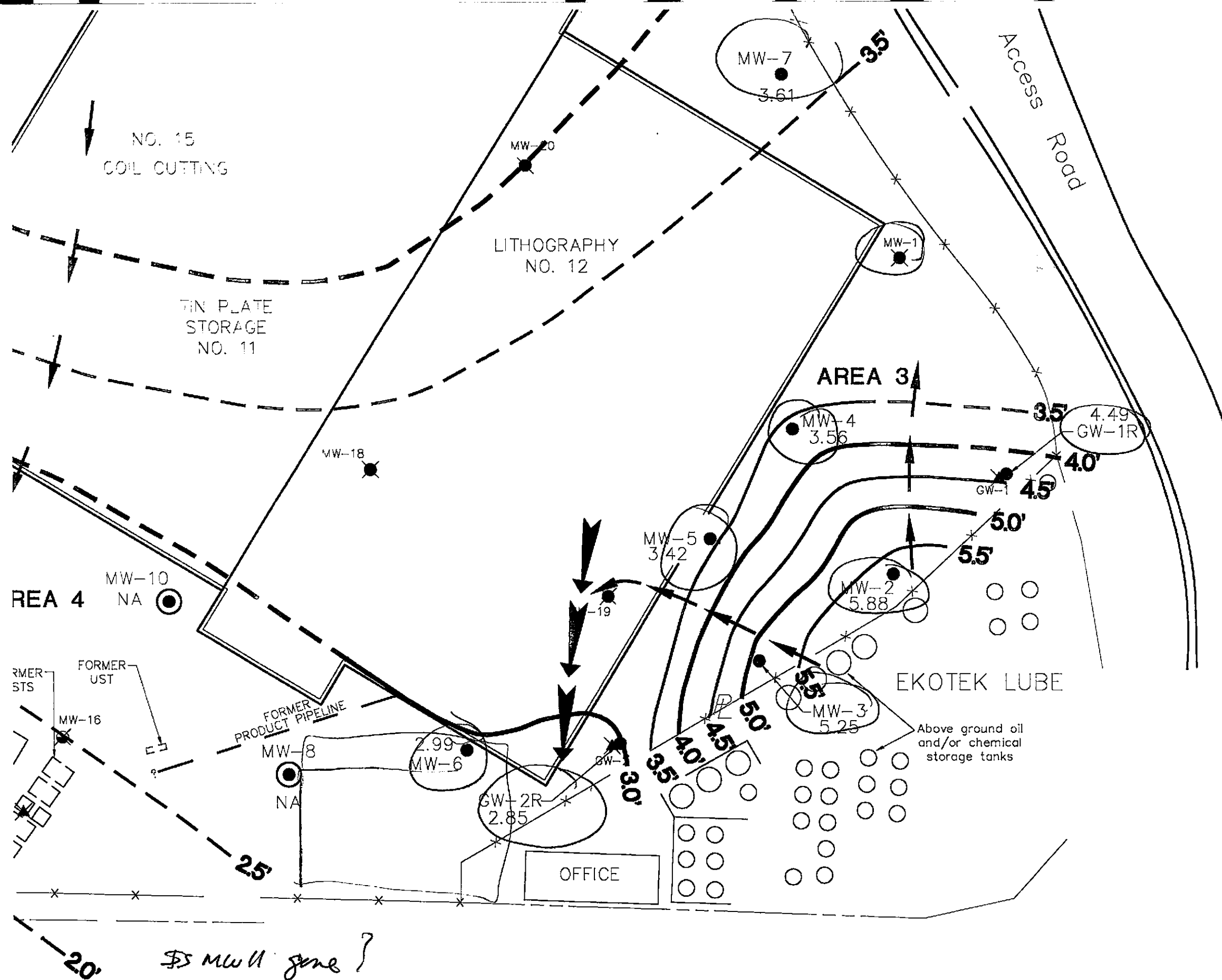


PLATE 20

		NAMES							
DRAWN: DAM		DESIGN: Walter O. Howard		DATUM: MSL		CONTOUR INTERVAL: 0.5'/1.0'		CLIENT	
PROJ. MGR: Edward W. Alusow		U.S.C.S. QUAD: OAKLAND EAST		DWG. NO.		GROUNDWATER CONTOUR MAP JULY 6, 1994			

RUST ENVIRONMENT & INFRASTRUCTURE