

Base map prepared from DeLorme 3-D TopoQuads (1999)



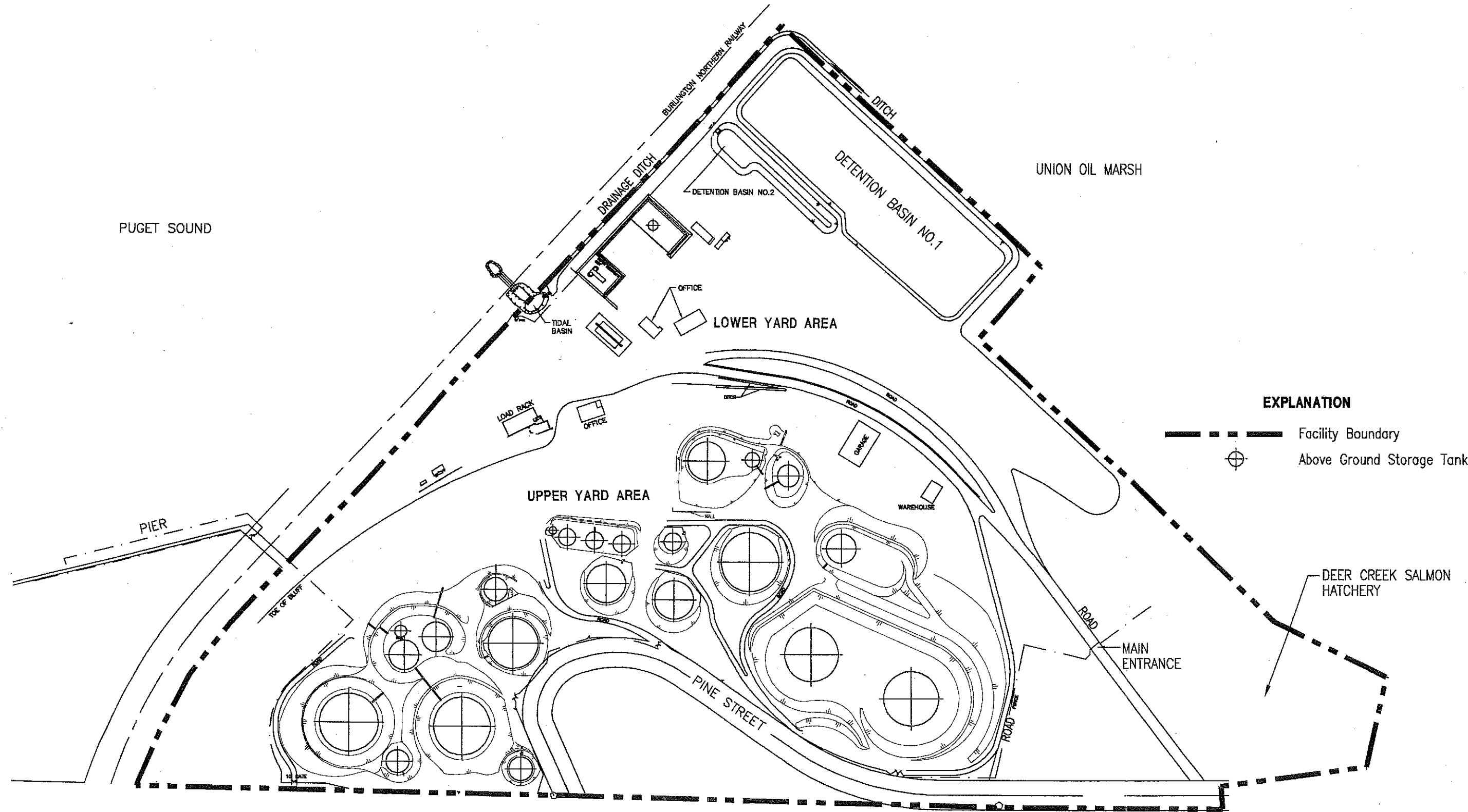
PLOT DATE: 03/23/00

Maul Foster & Alongi, Inc.

DATE 03/00
 DWN. AJY
 APPR. _____
 REVS. _____
 PROJECT NO.
 9077.001.002

Figure 1-1
 UNOCAL EDMONDS TERMINAL
 EDMONDS, WASHINGTON
SITE LOCATION MAP

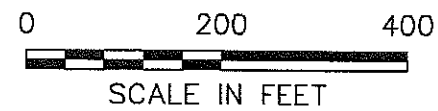
File: G:\9077-001_UNOCAL-EDMONDS\001\003-02.DWG Last edited: MAR. 28, 2000 @ 11:29 a.m. by: ayoung Xrefs: none black/white



EXPLANATION

- Facility Boundary
- ⊕ Above Ground Storage Tank

Source: Union Oil Company of California - Los Angeles, California.
Site area study General Arrangement Edmonds Terminal -
Edmonds, Washington. 10/12/92

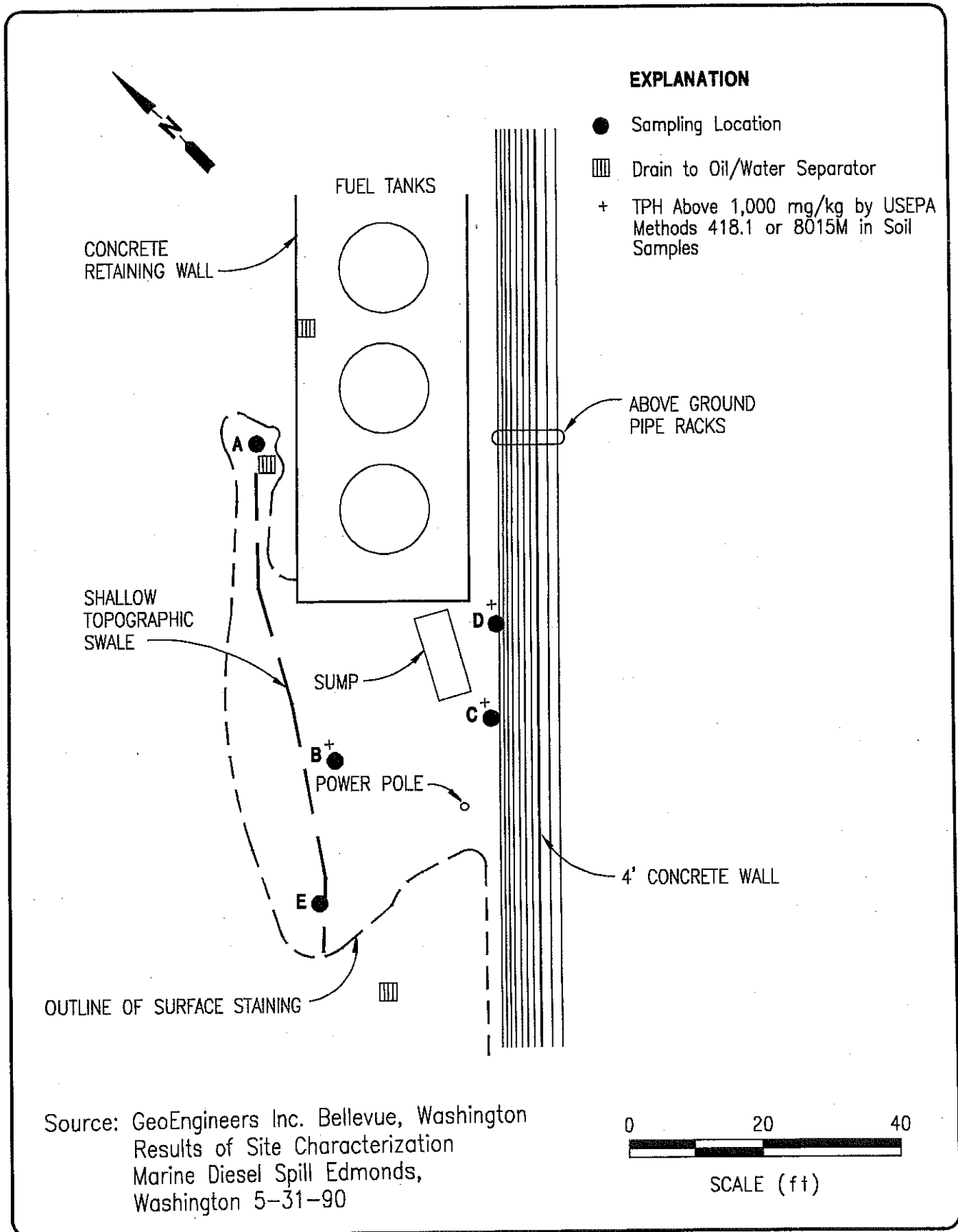


Maul Foster & Alongi, Inc.

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| DATE | 03/00 |
| DWN. | AJY |
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| REVIS. | |
| PROJECT NO. | 9077.001.002 |

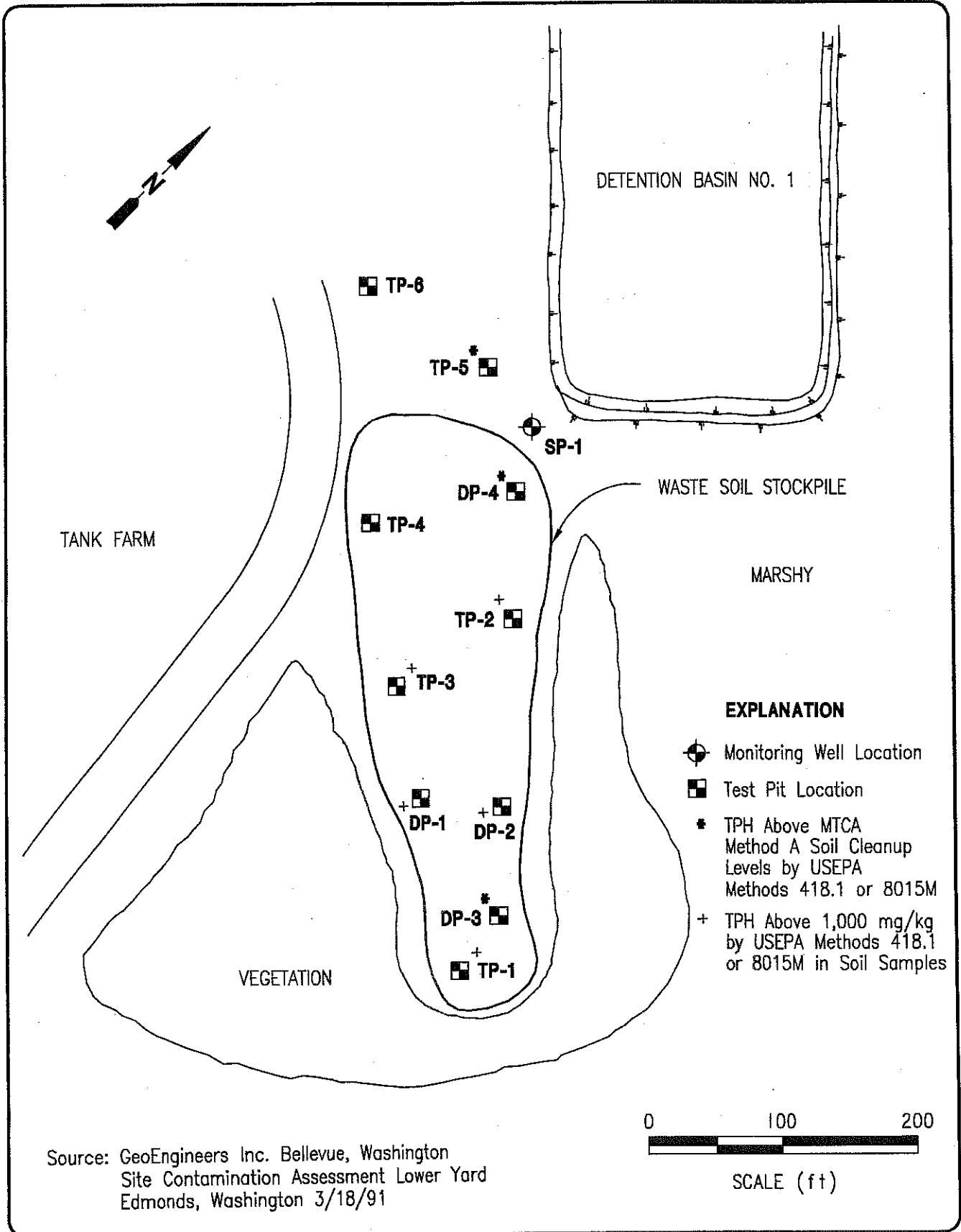
Figure 2-1
UNOCAL EDMONDS TERMINAL
EDMONDS, WASHINGTON

SITE PLAN



DATE 7-94
 DWN. MLP
 REV. _____
 APPR. _____
 PROJECT NO.
 0324-035.01

Figure 2-2
 UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
**MARINE DIESEL SPILL, 1990
 SAMPLE LOCATIONS**



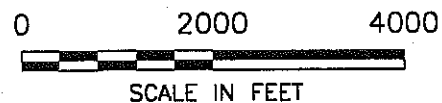
DATE 11/93
 DWN. KLM
 REV. _____
 APPR. _____
 PROJECT NO.
 0324-035.01

Figure 2-3
 UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
**SAMPLE AND MONITORING WELL LOCATIONS,
 LOWER YARD - 1990**



LEGEND

- Water Supply Well
- One-Mile Radius from Site



Base map prepared from USGS 7.5-minute quadrangles of Edmonds East, Washington (1981), and Edmonds West, Washington (1978).

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 9077-001.001

Figure 3-1
 UNOCAL EDMONDS TERMINAL
 EDMONDS, WASHINGTON

WATER SUPPLY WELL LOCATIONS



ML, ML/SM, ML/SP, MH

Consists primarily of nonplastic to medium plasticity, inorganic silt. Frequent interbedded silty sand, silt with sand, and fine sand, rare medium and low plasticity clay, and rare fine to medium gravel. Bedding varies in thickness and is laterally discontinuous. The silt is occasionally thinly laminated.



SP, SW, SP-SM, SM

Consists primarily of fine sand and nonplastic to low plasticity silty sand. Frequent silt with sand, rare fine gravel. Bedding varies in thickness and is laterally discontinuous. The sand and silt are occasionally laminated.



SP, SW, SP-SM, WITH GRAVEL, OCCASIONAL SM

Consists primarily of fine to coarse sand, sand with fine to coarse gravel, and sand and silt mixtures with occasional gravel. Occasional gravel lenses, occasional interbedded silty sand, rare interbedded silt. Bedding varies in thickness and is laterally discontinuous.



CL, CH

Low to high plasticity clay with occasional interbedded fine sand and silt and occasional organics. Rare thin laminations.



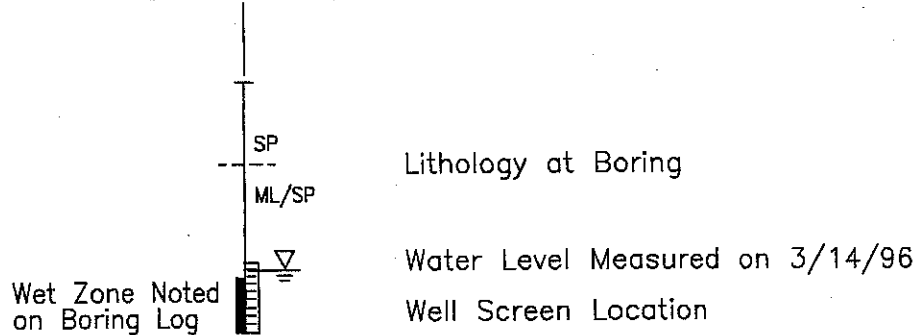
FILL

Consists primarily of sand and silt mixtures with frequent fine to coarse gravel and frequent interbedded silt and sand. Occasional organic-rich zones. Silt is generally nonplastic to low plasticity.

----- Inferred Lithologic Contact

----- Contact between units. Named units are interpreted to be Whidbey formation and Transitional Beds, as mapped by Minard (1983).

MW-204
(PROJ. 39° NE)] Well or Boring Number, Projected as Shown



Lithology at Boring

Water Level Measured on 3/14/96

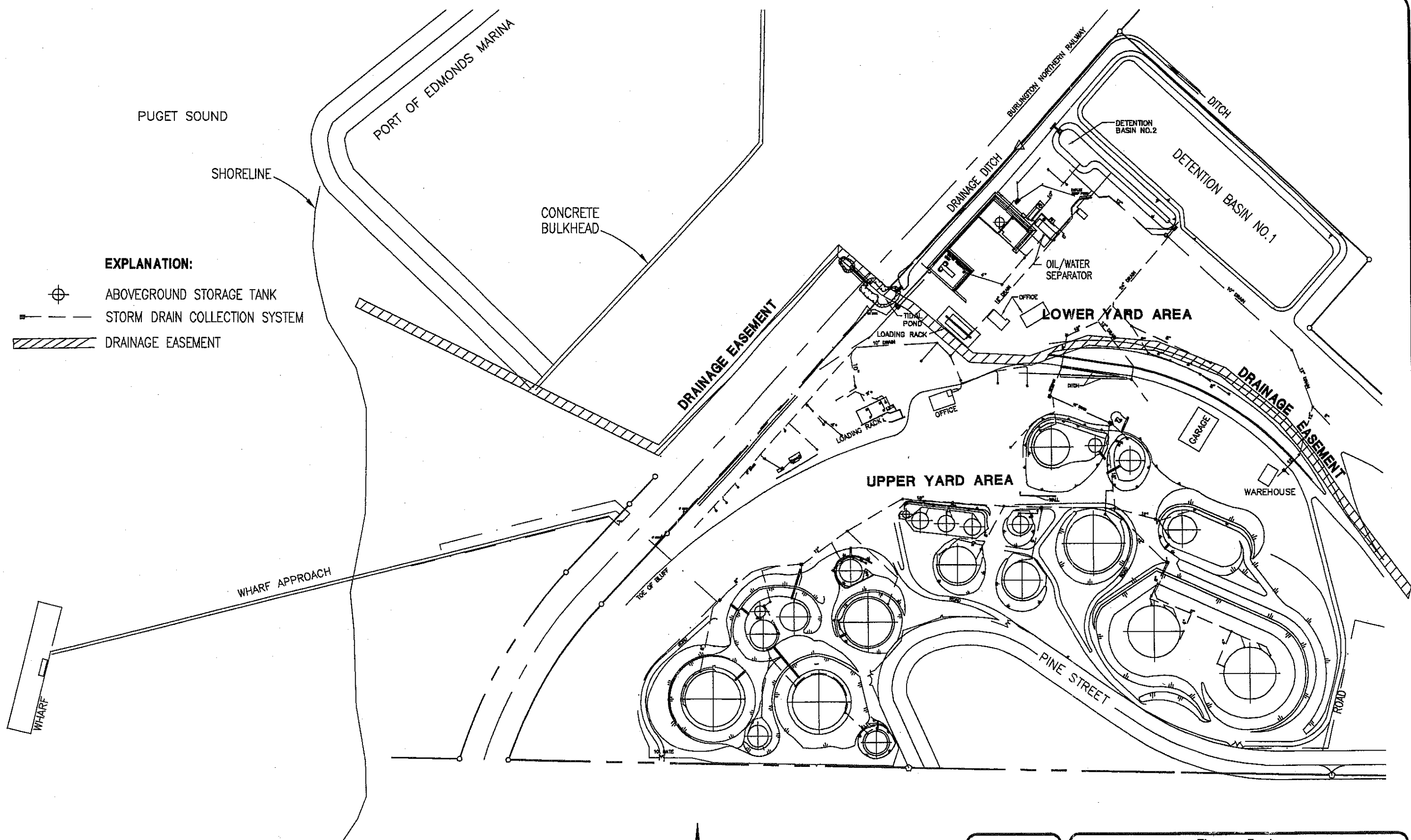
Well Screen Location



| | |
|-------------|---------------|
| DATE | 5-96 |
| DWN. | MLP |
| REV. | |
| APPR. | |
| PROJECT NO. | 40324-035.035 |

UNOCAL BULK FUEL TERMINAL
EDMONDS, WASHINGTON

LEGEND FOR CROSS SECTIONS

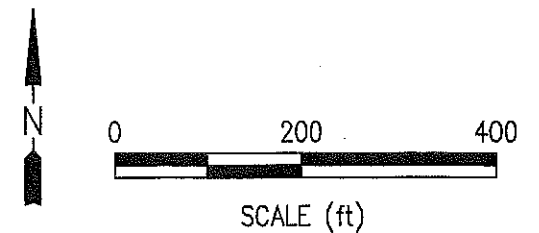


EXPLANATION:

- ABOVEGROUND STORAGE TANK
- STORM DRAIN COLLECTION SYSTEM
- DRAINAGE EASEMENT



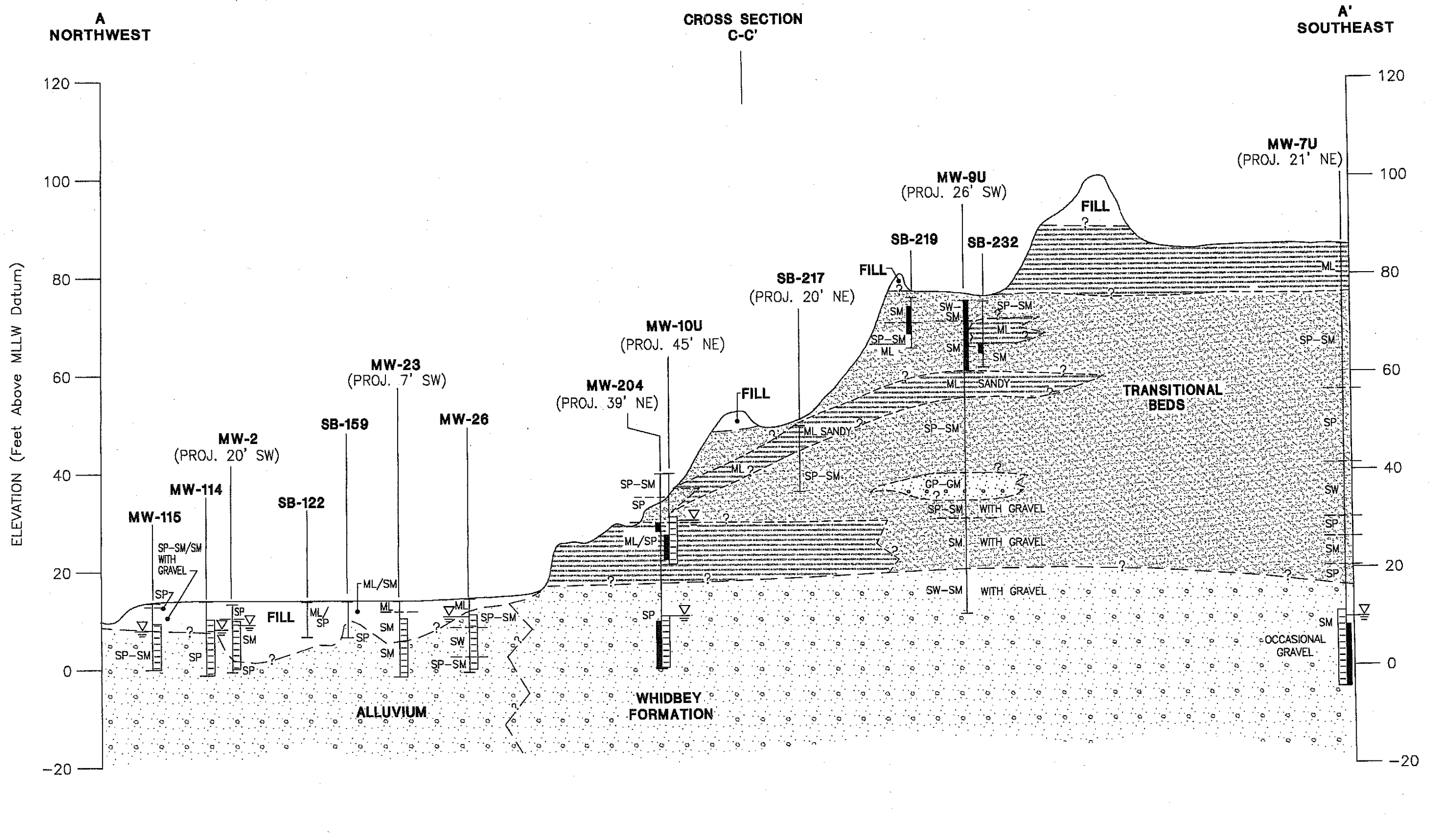
Source: Union Oil Company of California Los Angeles, California
 Site Area Study General Arrangement Edmonds Terminal
 Edmonds, Washington. 10/12/92



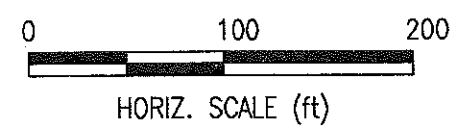
| | |
|-------------|---------------|
| DATE | 11/92 |
| DWN. | KLM |
| REV. | |
| APPR. | |
| PROJECT NO. | 40324-035.001 |

Figure 5-1
 UNOCAL CORPORATION
 EDMONDS, WASHINGTON
 BULK FUEL TERMINAL
DRAINAGE EASEMENT LOCATION

ENW-BOTHELL2/DATA: C:\DWG\40324\035\B0030N05.dwg Xrefs: <NONE>
 Scale: 1 = 1.00 DimScale: 1 = 1.00 Date: 4/8/98 Time: 10:47 AM Operator: MLP



- NOTES: 1. Legend attached.
 2. See Drawing No. 2 for cross section location.
 3. Water levels measured on 3/14/96.

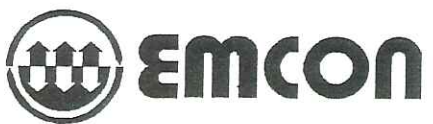
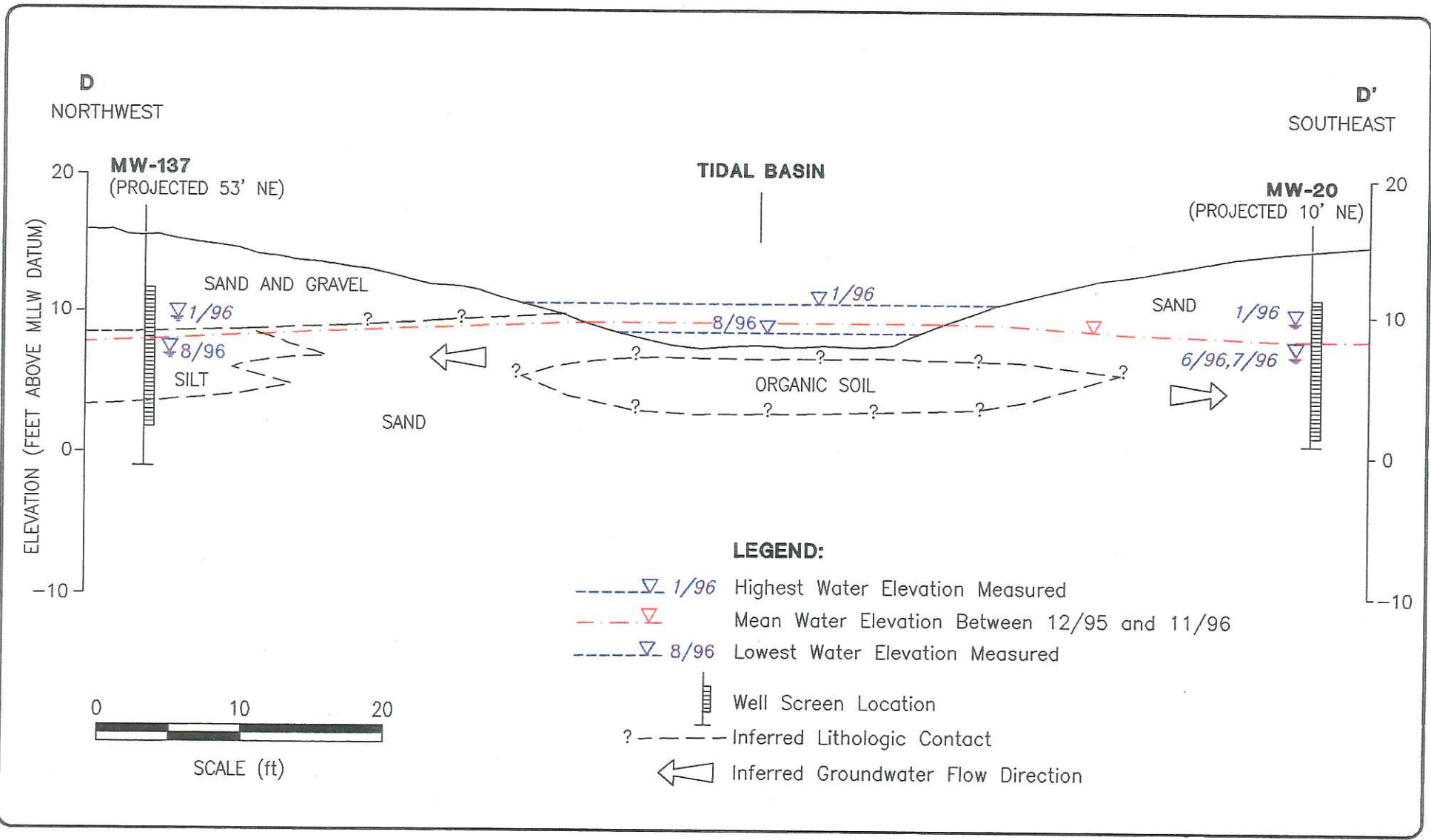


| | |
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| DATE | 8-96 |
| DWN | mip |
| APP | |
| REV | |
| PROJECT NO. | 40324-035.030 |

Figure 5-2
 UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
CROSS SECTION A-A'



ENW-BOTH-HELLZ/ DATA. N:\DWG\40324035\E0030N02.dwg Xrefs: <NONE>
 Scale: 1 = 1.00 DimScale: 1 = 1.00 Date: 9/2/98 Time: 10:35 AM Operator: LJA

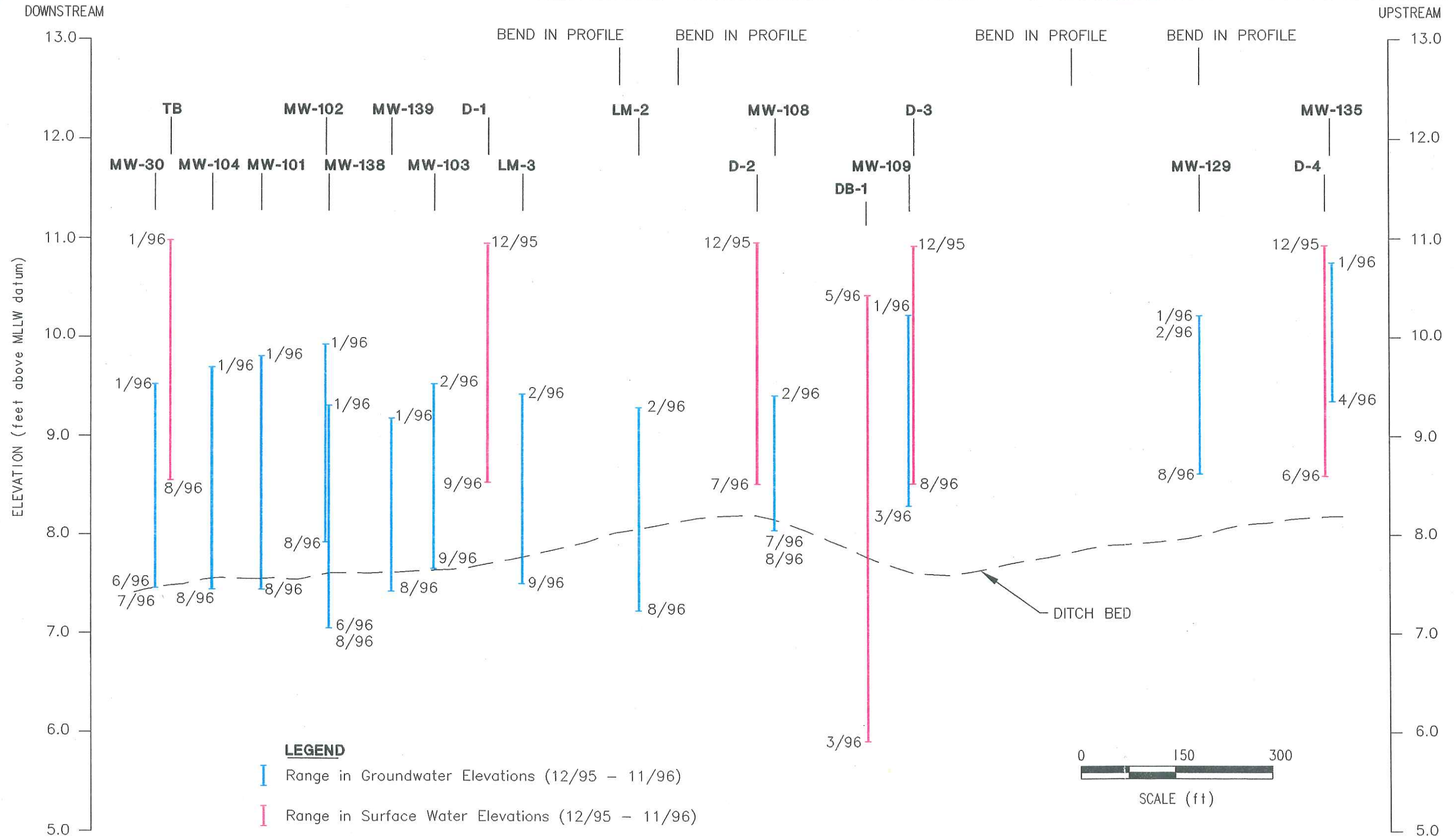


DATE 1-98
 DWN. mlp
 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.030

Figure 5-5
 UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON

CROSS SECTION D-D'

EMW-BOTHELL2/DATA/1/DWG/40324035/BO050N03.dwg Xrefs: <NONE>
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DATE 2-98
 DWN JA
 APP _____
 REV _____
 PROJECT NO.
 40324-035.030

Figure 5-7
 UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON

DITCH PROFILE

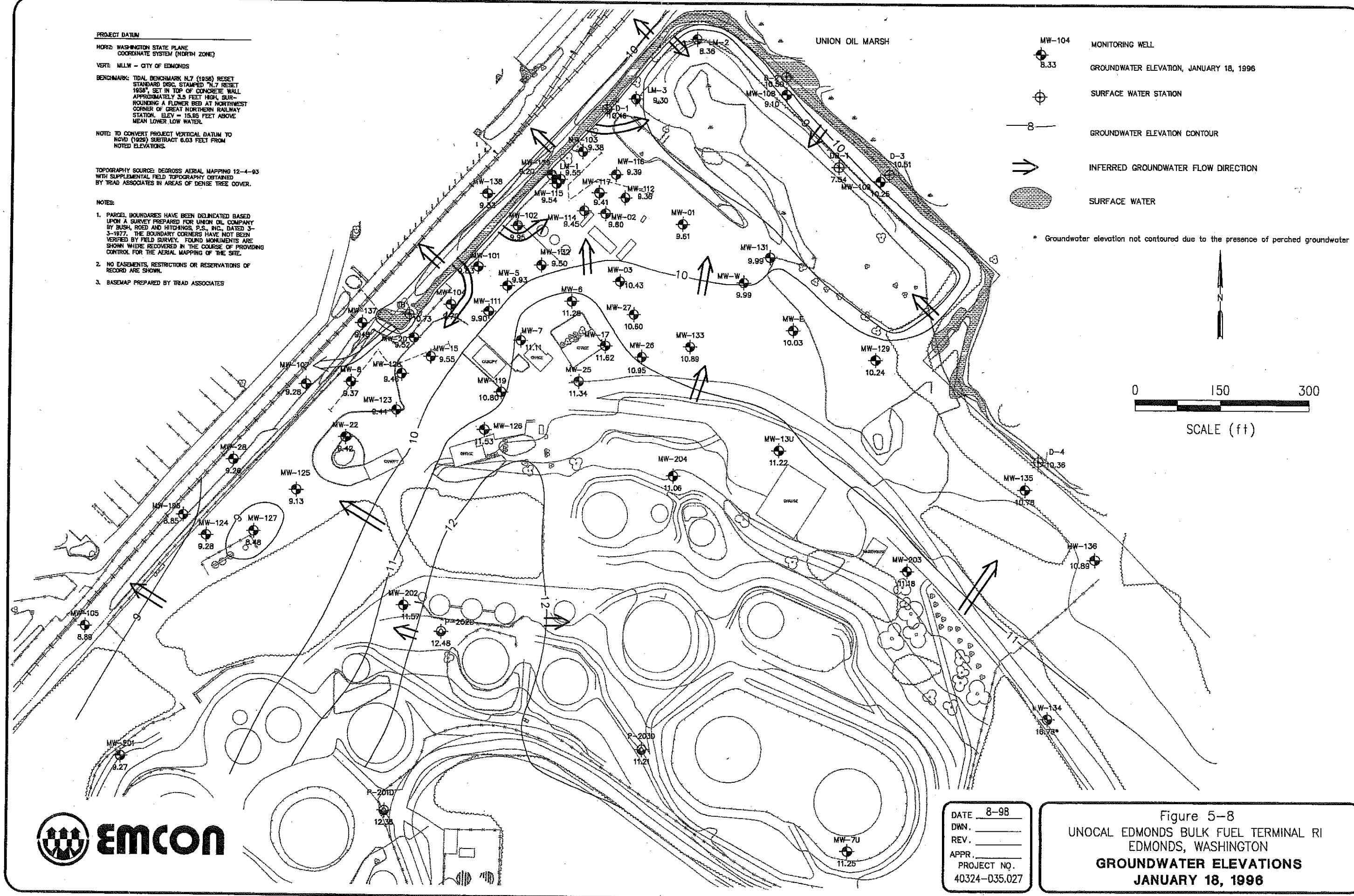
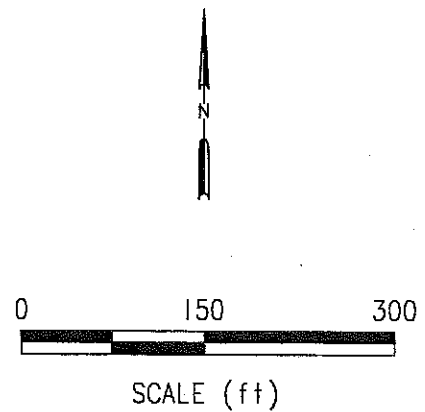
PROJECT DATUM
 HORIZ: WASHINGTON STATE PLANE
 COORDINATE SYSTEM (NORTH ZONE)
 VERT: MLLW - CITY OF EDMONDS
 BENCHMARK: TIDAL BENCHMARK N.7 (1956) RESET
 STANDARD DISC, STAMPED "N.7 RESET
 1956", SET IN TOP OF CONCRETE WALL
 APPROXIMATELY 3.5 FEET HIGH, SUR-
 ROUNDING A FLOWER BED AT NORTHWEST
 CORNER OF GREAT NORTHERN RAILWAY
 STATION. ELEV = 15.85 FEET ABOVE
 MEAN LOWER LOW WATER.
 NOTE: TO CONVERT PROJECT VERTICAL DATUM TO
 NGVD (1929) SUBTRACT 6.03 FEET FROM
 NOTED ELEVATIONS.

TOPOGRAPHY SOURCE: DEGROSS AERIAL MAPPING 12-4-93
 WITH SUPPLEMENTAL FIELD TOPOGRAPHY OBTAINED
 BY TRIAD ASSOCIATES IN AREAS OF DENSE TREE COVER.

- NOTES:**
1. PARCEL BOUNDARIES HAVE BEEN DELINEATED BASED
 UPON A SURVEY PREPARED FOR UNION OIL COMPANY
 BY BUSH, ROED AND HITCHINGS, P.S., INC. DATED 3-
 3-1977. THE BOUNDARY CORNERS HAVE NOT BEEN
 VERIFIED BY FIELD SURVEY. FOUND MONUMENTS ARE
 SHOWN WHERE RECOVERED IN THE COURSE OF PROVIDING
 CONTROL FOR THE AERIAL MAPPING OF THE SITE.
 2. NO EASEMENTS, RESTRICTIONS OR RESERVATIONS OF
 RECORD ARE SHOWN.
 3. BASEMAP PREPARED BY TRIAD ASSOCIATES

- MW-104 MONITORING WELL
- 8.33 GROUNDWATER ELEVATION, JANUARY 18, 1996
- ⊕ SURFACE WATER STATION
- 8— GROUNDWATER ELEVATION CONTOUR
- ⇒ INFERRED GROUNDWATER FLOW DIRECTION
- ⊙ SURFACE WATER

* Groundwater elevation not contoured due to the presence of perched groundwater



DATE 8-98
 DWN. _____
 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.027

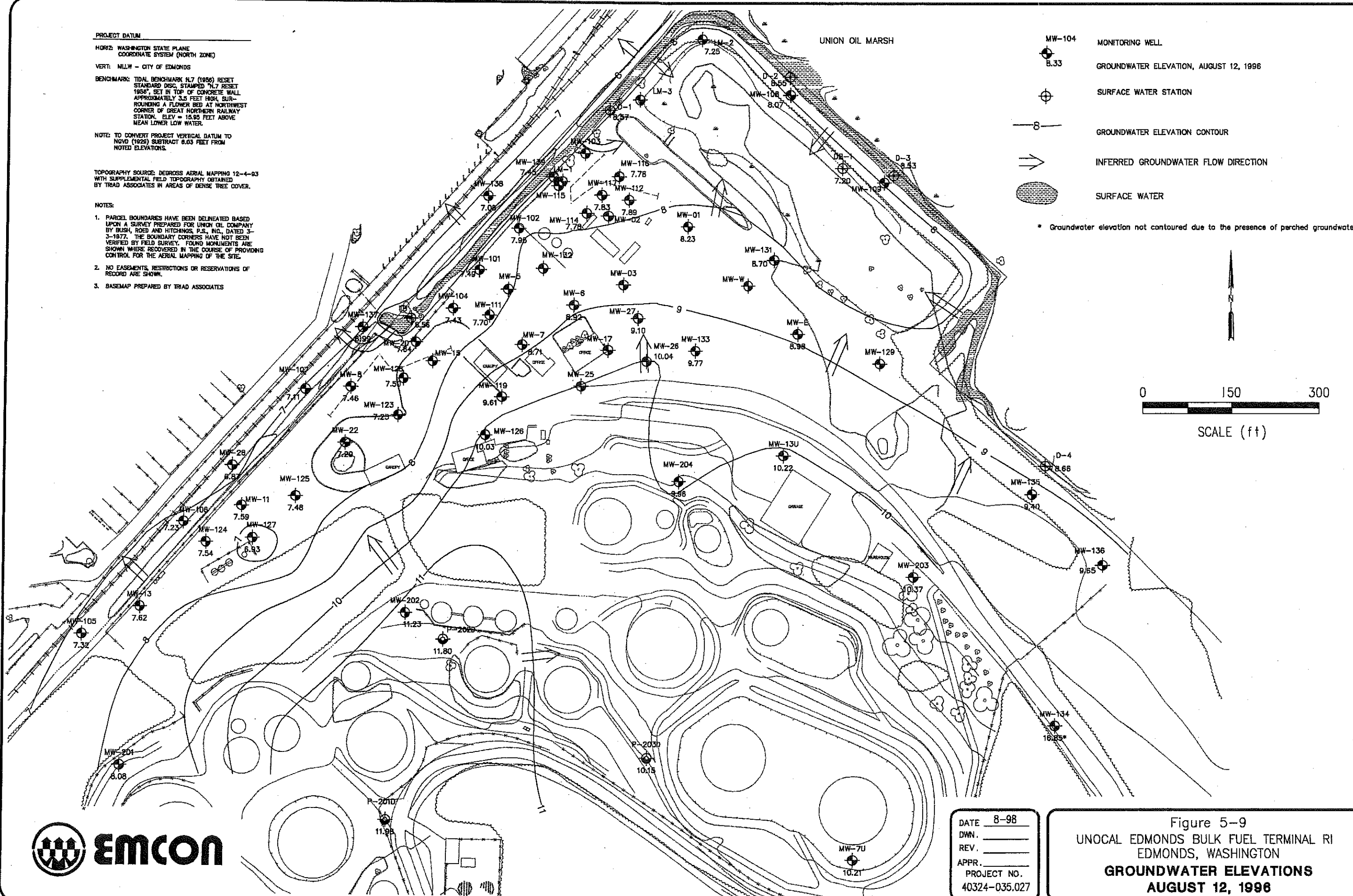
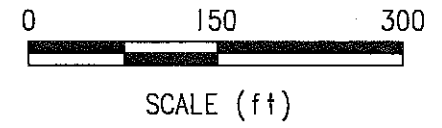
Figure 5-8
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
GROUNDWATER ELEVATIONS
 JANUARY 18, 1996

PROJECT DATUM
 HORZ: WASHINGTON STATE PLANE
 COORDINATE SYSTEM (NORTH ZONE)
 VERT: MLLW - CITY OF EDMONDS
 BENCHMARK: TIDAL BENCHMARK 41.7 (1986) RESET
 STANDARD DISC, STAMPED "41.7" RESET
 1986, SET IN TOP OF CONCRETE WALL
 APPROXIMATELY 3.5 FEET HIGH, SUR-
 ROUNDING A FLOWER BED AT NORTHWEST
 CORNER OF GREAT NORTHERN RAILWAY
 STATION. ELEV = 15.95 FEET ABOVE
 NEAR LOWER LOW WATER.
 NOTE: TO CONVERT PROJECT VERTICAL DATUM TO
 NGVD (1929) SUBTRACT 8.03 FEET FROM
 NOTED ELEVATIONS.

TOPOGRAPHY SOURCE: DEGRESS AERIAL MAPPING 12-4-83
 WITH SUPPLEMENTAL FIELD TOPOGRAPHY OBTAINED
 BY TRIAD ASSOCIATES IN AREAS OF DENSE TREE COVER.

- NOTES:
1. PARCEL BOUNDARIES HAVE BEEN DELINEATED BASED UPON A SURVEY PREPARED FOR UNION OIL COMPANY BY BUSH, ROED AND HITCHINGS, P.S., INC., DATED 3-3-1977. THE BOUNDARY CORNERS HAVE NOT BEEN VERIFIED BY FIELD SURVEY. FOUND MONUMENTS ARE SHOWN WHERE RECOVERED IN THE COURSE OF PROVIDING CONTROL FOR THE AERIAL MAPPING OF THE SITE.
 2. NO EASEMENTS, RESTRICTIONS OR RESERVATIONS OF RECORD ARE SHOWN.
 3. BASEMAP PREPARED BY TRIAD ASSOCIATES

- MW-104 MONITORING WELL
 - 8.33 GROUNDWATER ELEVATION, AUGUST 12, 1996
 - ⊕ SURFACE WATER STATION
 - 8— GROUNDWATER ELEVATION CONTOUR
 - ⇒ INFERRED GROUNDWATER FLOW DIRECTION
 - SURFACE WATER
- * Groundwater elevation not contoured due to the presence of perched groundwater






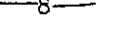


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 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.027

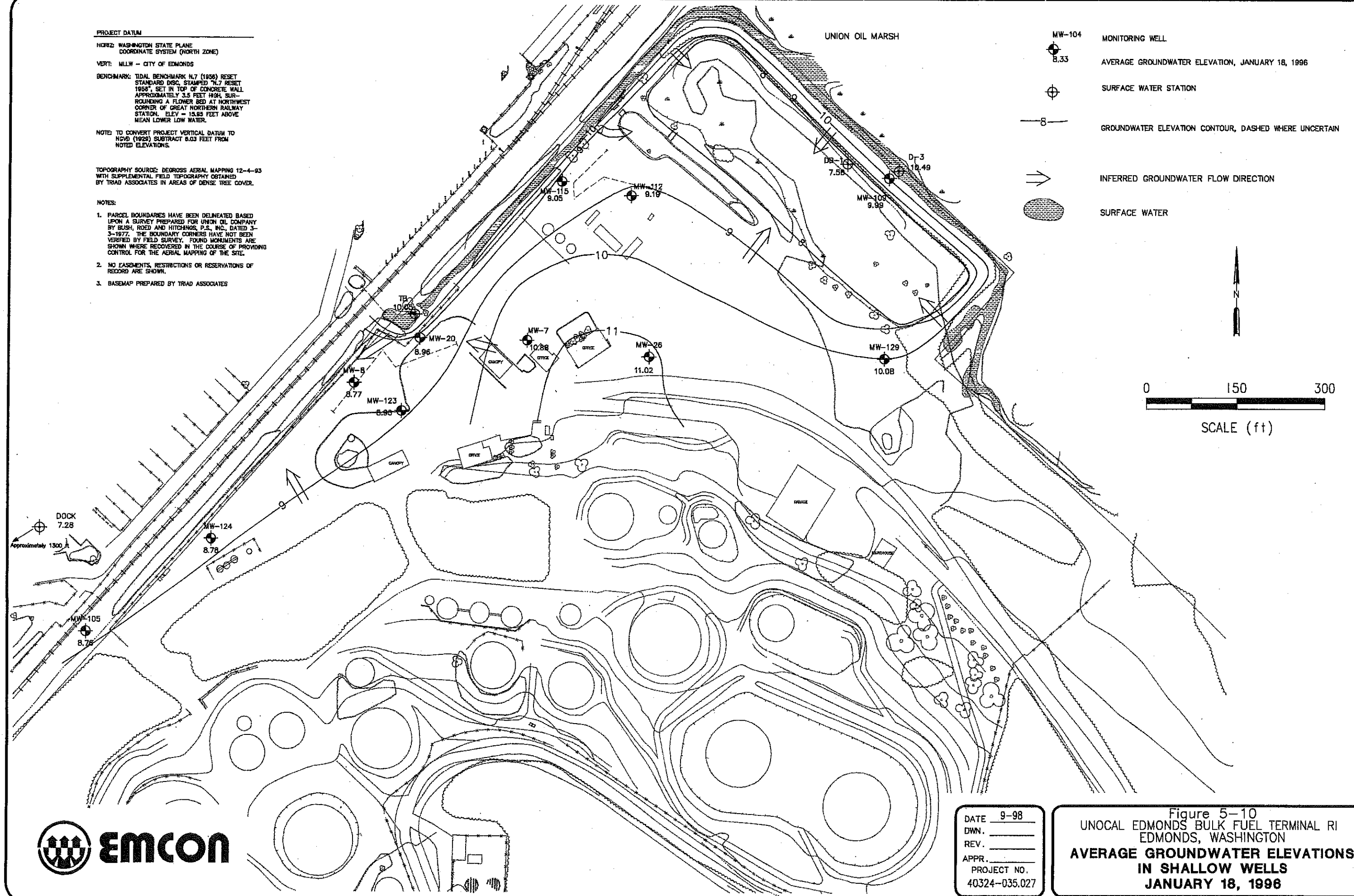
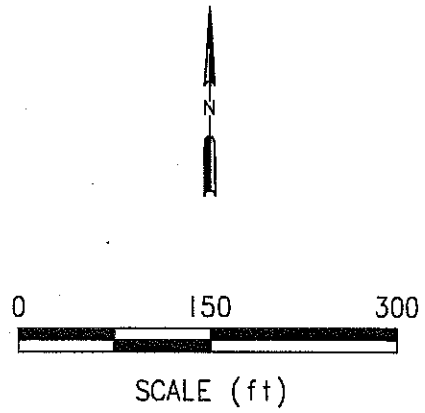
Figure 5-9
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
GROUNDWATER ELEVATIONS
AUGUST 12, 1996

PROJECT DATUM
 HORIZ: WASHINGTON STATE PLANE
 COORDINATE SYSTEM (NORTH ZONE)
 VERT: MLLW - CITY OF EDMONDS
 BENCHMARK: TIDAL BENCHMARK N.7 (1956) RESET
 STANDARD DISC, STAMPED "N.7 RESET
 1986", SET IN TOP OF CONCRETE WALL
 APPROXIMATELY 3.5 FEET HIGH, SUR-
 ROUNDING A FLOWER BED AT NORTHWEST
 CORNER OF GREAT NORTHERN RAILWAY
 STATION. ELEV = 15.83 FEET ABOVE
 MEAN LOWER LOW WATER.
 NOTE: TO CONVERT PROJECT VERTICAL DATUM TO
 NGVD (1929) SUBTRACT 8.03 FEET FROM
 NOTED ELEVATIONS.

TOPOGRAPHY SOURCE: DEGROSS AERIAL MAPPING 12-4-93
 WITH SUPPLEMENTAL FIELD TOPOGRAPHY OBTAINED
 BY TRIAD ASSOCIATES IN AREAS OF DENSE TREE COVER.

- NOTES:**
1. PARCEL BOUNDARIES HAVE BEEN DELINEATED BASED UPON A SURVEY PREPARED FOR UNION OIL COMPANY BY BUSH, ROED AND HITCHINGS, P.S., INC., DATED 3-3-1977. THE BOUNDARY CORNERS HAVE NOT BEEN VERIFIED BY FIELD SURVEY. FOUND MONUMENTS ARE SHOWN WHERE RECOVERED IN THE COURSE OF PROVIDING CONTROL FOR THE AERIAL MAPPING OF THE SITE.
 2. NO EASEMENTS, RESTRICTIONS OR RESERVATIONS OF RECORD ARE SHOWN.
 3. BASEMAP PREPARED BY TRIAD ASSOCIATES

- MW-104
 MONITORING WELL
- 8.33
 AVERAGE GROUNDWATER ELEVATION, JANUARY 18, 1996
-  SURFACE WATER STATION
-  GROUNDWATER ELEVATION CONTOUR, DASHED WHERE UNCERTAIN
-  INFERRED GROUNDWATER FLOW DIRECTION
-  SURFACE WATER



DATE 9-98
 DWN. _____
 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.027

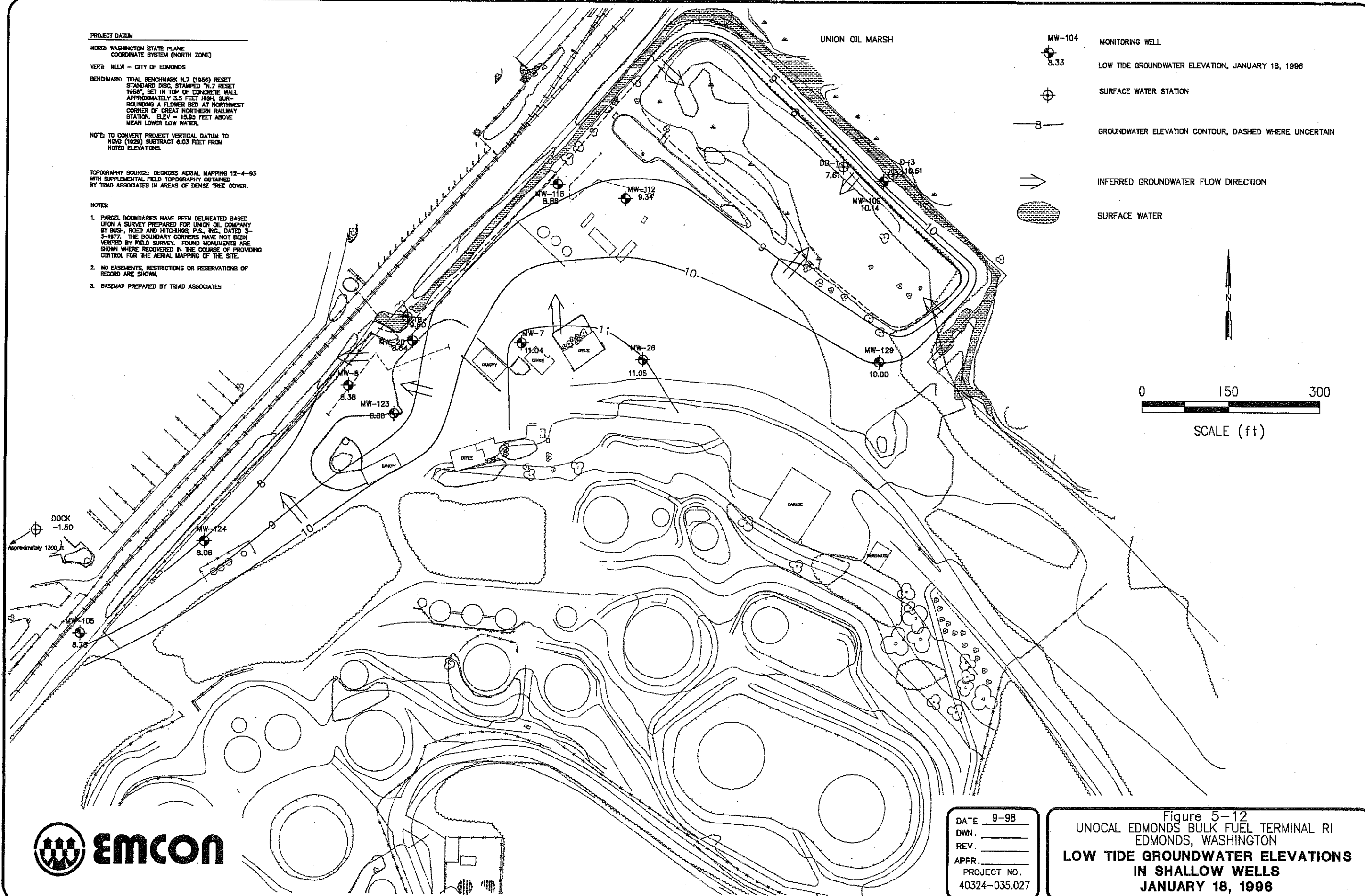
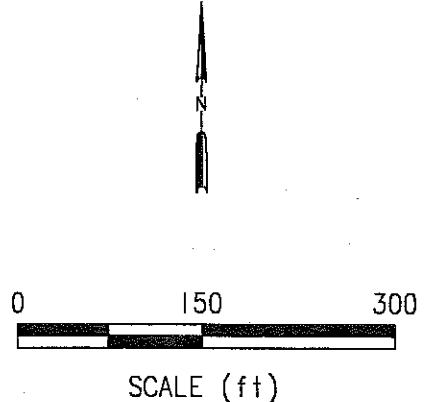
Figure 5-10
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
**AVERAGE GROUNDWATER ELEVATIONS
 IN SHALLOW WELLS
 JANUARY 18, 1996**

PROJECT DATUM
 HORIZ: WASHINGTON STATE PLANE
 COORDINATE SYSTEM (NORTH ZONE)
 VERT: MLLW - CITY OF EDMONDS
 BENCHMARK: TIDAL BENCHMARK N.7 (1956) RESET
 STANDARD DISC, STAMPED "N.7 RESET
 1956", SET IN TOP OF CONCRETE WALL
 APPROXIMATELY 3.5 FEET HIGH, SUR-
 ROUNDING A FLOWER BED AT NORTHWEST
 CORNER OF GREAT NORTHERN RAILWAY
 STATION. ELEV = 15.92 FEET ABOVE
 MEAN LOWER LOW WATER.
 NOTE: TO CONVERT PROJECT VERTICAL DATUM TO
 NAVD (1929) SUBTRACT 6.03 FEET FROM
 NOTED ELEVATIONS.

TOPOGRAPHY SOURCE: DEGRESS AERIAL MAPPING 12-4-83
 WITH SUPPLEMENTAL FIELD TOPOGRAPHY OBTAINED
 BY TRIAD ASSOCIATES IN AREAS OF DENSE TREE COVER.

- NOTES:**
1. PARCEL BOUNDARIES HAVE BEEN DELINEATED BASED
 UPON A SURVEY PREPARED FOR UNION OIL COMPANY
 BY BUSH, ROED AND HITCHINGS, P.S., INC. DATED 3-
 3-1977. THE BOUNDARY CORNERS HAVE NOT BEEN
 VERIFIED BY FIELD SURVEY. FOUND MONUMENTS ARE
 SHOWN WHERE RECOVERED IN THE COURSE OF PROVIDING
 CONTROL FOR THE AERIAL MAPPING OF THE SITE.
 2. NO EASEMENTS, RESTRICTIONS OR RESERVATIONS OF
 RECORD ARE SHOWN.
 3. BASEMAP PREPARED BY TRIAD ASSOCIATES

- MW-104 MONITORING WELL
- 8.33 LOW TIDE GROUNDWATER ELEVATION, JANUARY 18, 1996
- ⊕ SURFACE WATER STATION
- 8 — GROUNDWATER ELEVATION CONTOUR, DASHED WHERE UNCERTAIN
- ⇒ INFERRED GROUNDWATER FLOW DIRECTION
- SURFACE WATER



DATE 9-98
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 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.027

Figure 5-12
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
**LOW TIDE GROUNDWATER ELEVATIONS
 IN SHALLOW WELLS
 JANUARY 18, 1996**

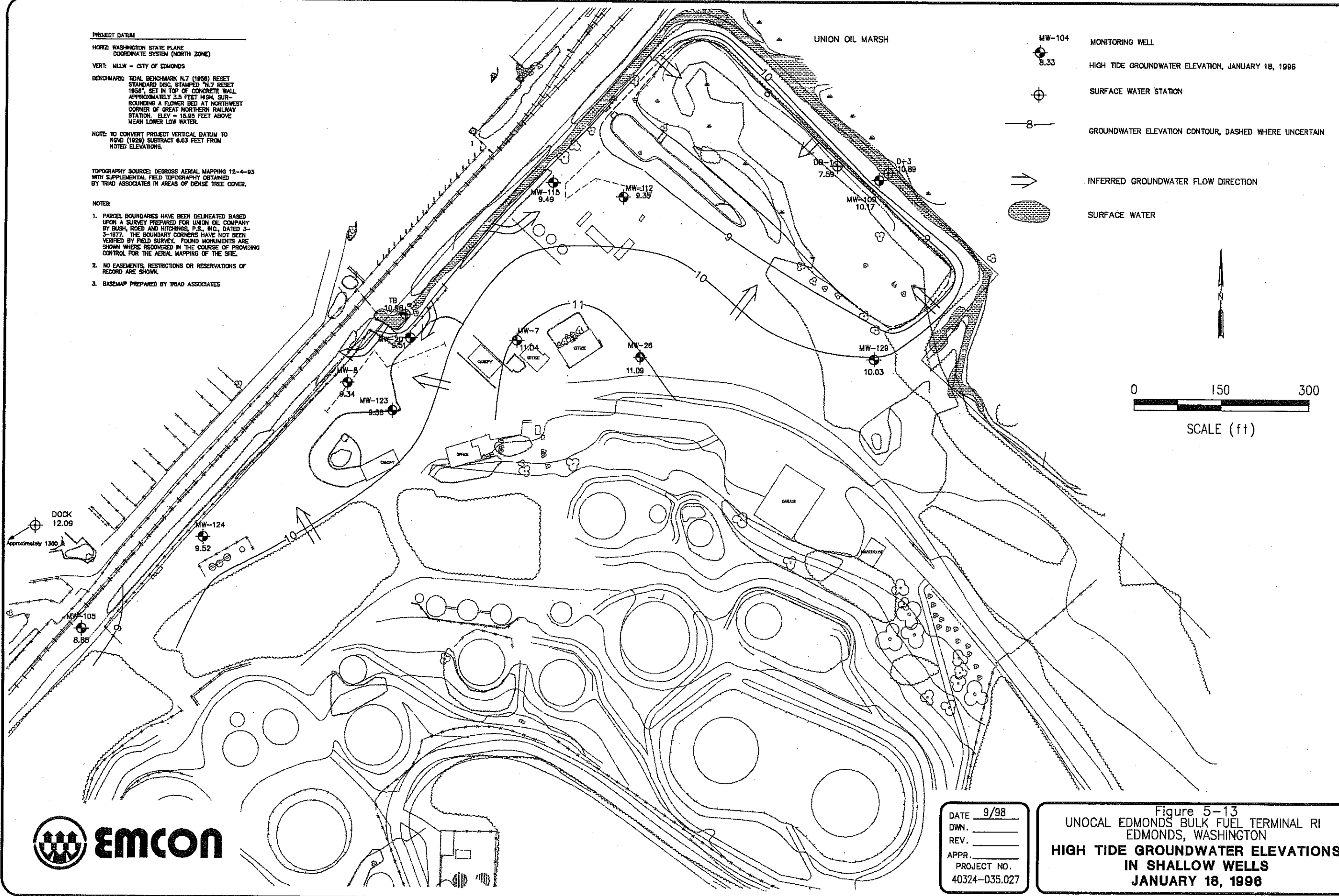
PROJECT DATUM
 HORIZ: WASHINGTON STATE PLANE
 COORDINATE SYSTEM (NORTH ZONE)

VERT: MLLW - CITY OF EDMONDS
 BENCHMARK: TIDAL BENCHMARK N.7 (1956) RESET
 STANDARD DISC, STAMPED "N.7 RESET
 1956", SET IN TOP OF CONCRETE WALL
 APPROXIMATELY 3.5 FEET HIGH, SUR-
 ROUNDING A FLOWER BED AT NORTHWEST
 CORNER OF GREAT NORTHERN RAILWAY
 STATION. ELEV = 15.85 FEET ABOVE
 MEAN LOWER LOW WATER.

NOTE: TO CONVERT PROJECT VERTICAL DATUM TO
 NGVD (1929) SUBTRACT 6.03 FEET FROM
 NOTED ELEVATIONS.

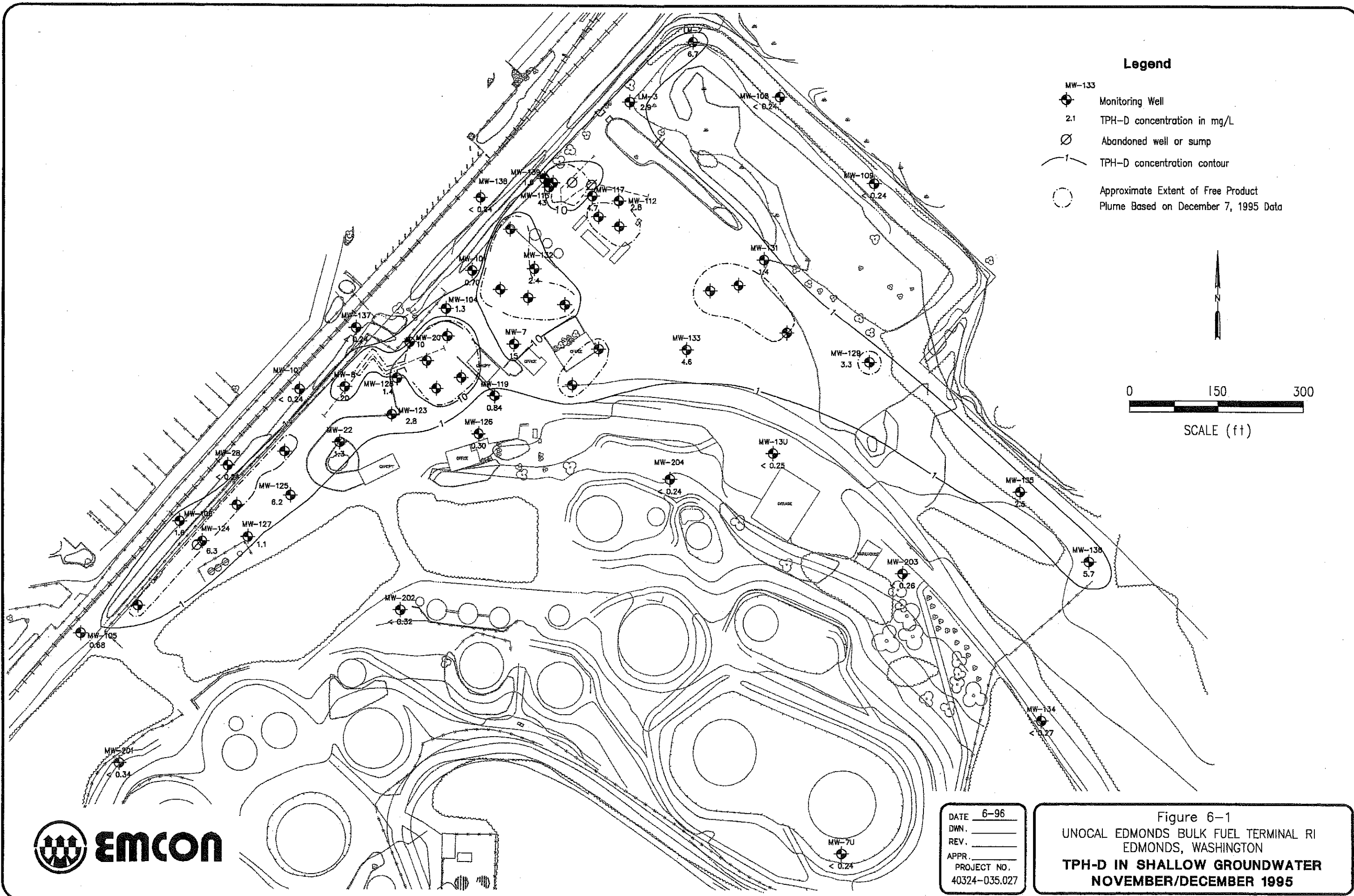
TOPOGRAPHY SOURCE: DEBROSS AERIAL MAPPING 12-4-83
 WITH SUPPLEMENTAL FIELD TOPOGRAPHY OBTAINED
 BY TRIAD ASSOCIATES IN AREAS OF DENSE TREE COVER.

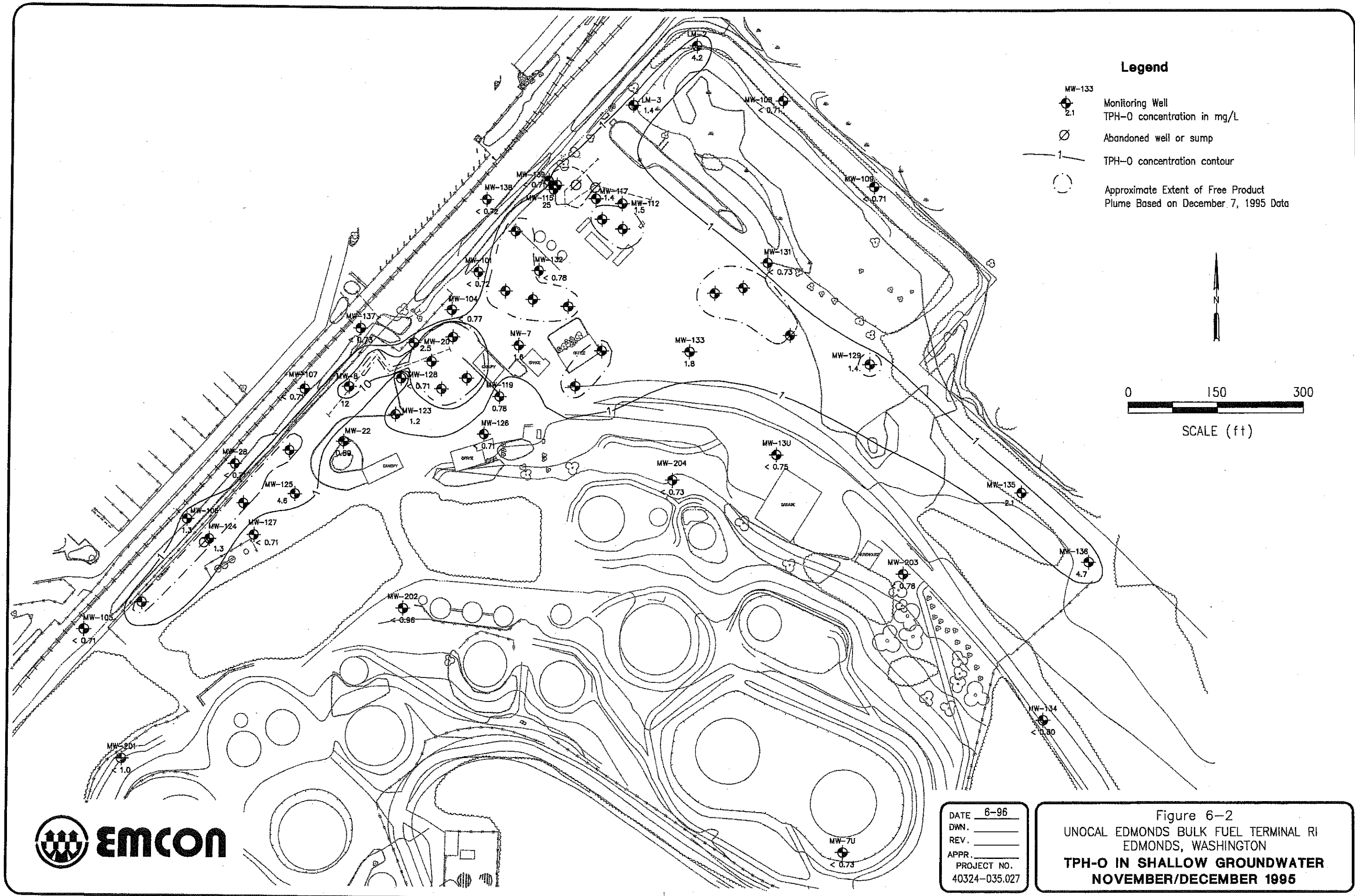
- NOTES:
1. PARCEL BOUNDARIES HAVE BEEN DELINEATED BASED
 UPON A SURVEY PREPARED FOR UNION OIL COMPANY
 BY BUSH, ROED AND HITCHINGS, P.S., INC., DATED 3-
 3-1977. THE BOUNDARY CORNERS HAVE NOT BEEN
 VERIFIED BY FIELD SURVEY. FOUND MONUMENTS ARE
 SHOWN WHERE RECOVERED IN THE COURSE OF PROVIDING
 CONTROL FOR THE AERIAL MAPPING OF THE SITE.
 2. NO EASEMENTS, RESTRICTIONS OR RESERVATIONS OF
 RECORD ARE SHOWN.
 3. BASEMAP PREPARED BY TRIAD ASSOCIATES

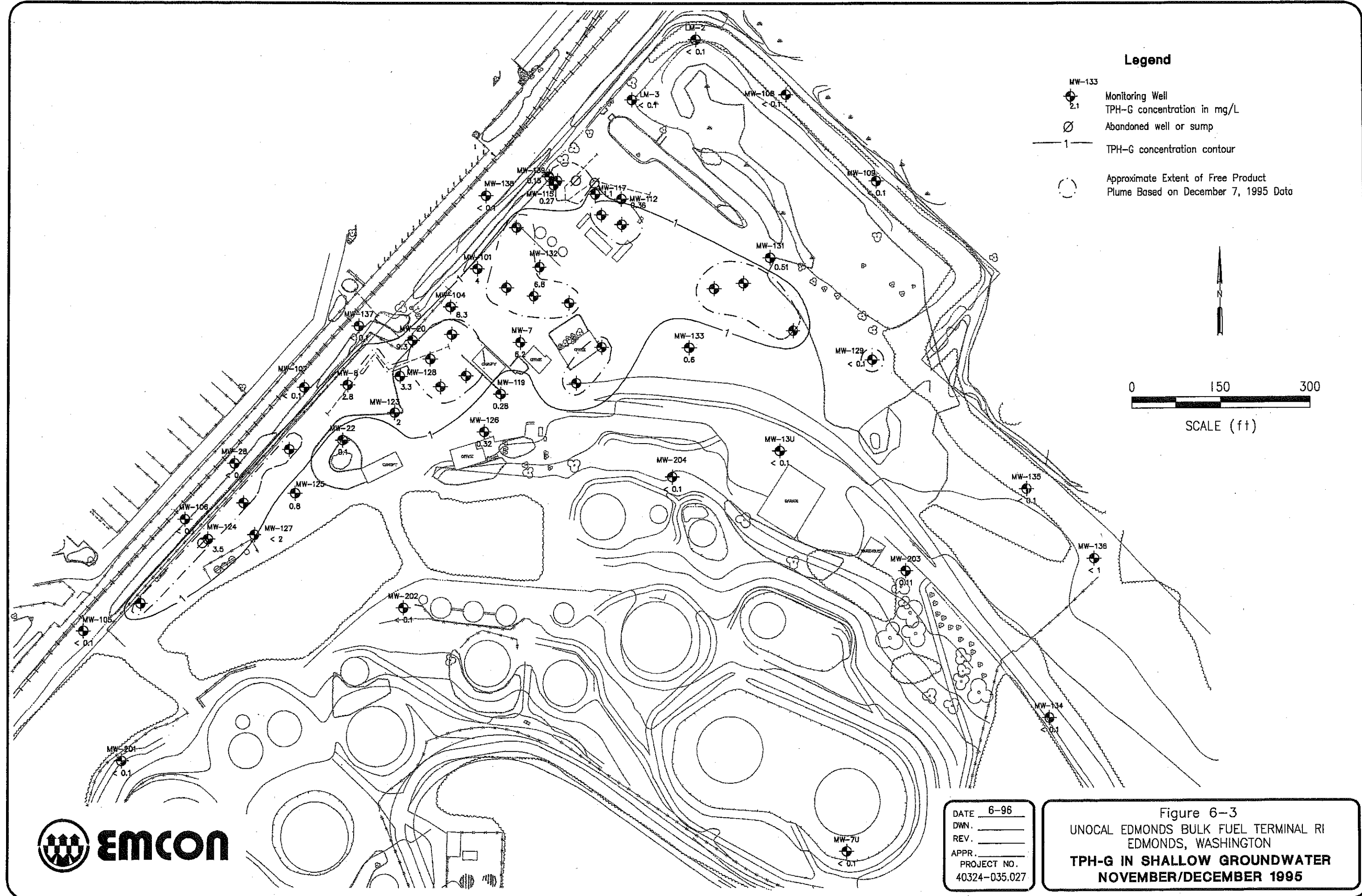


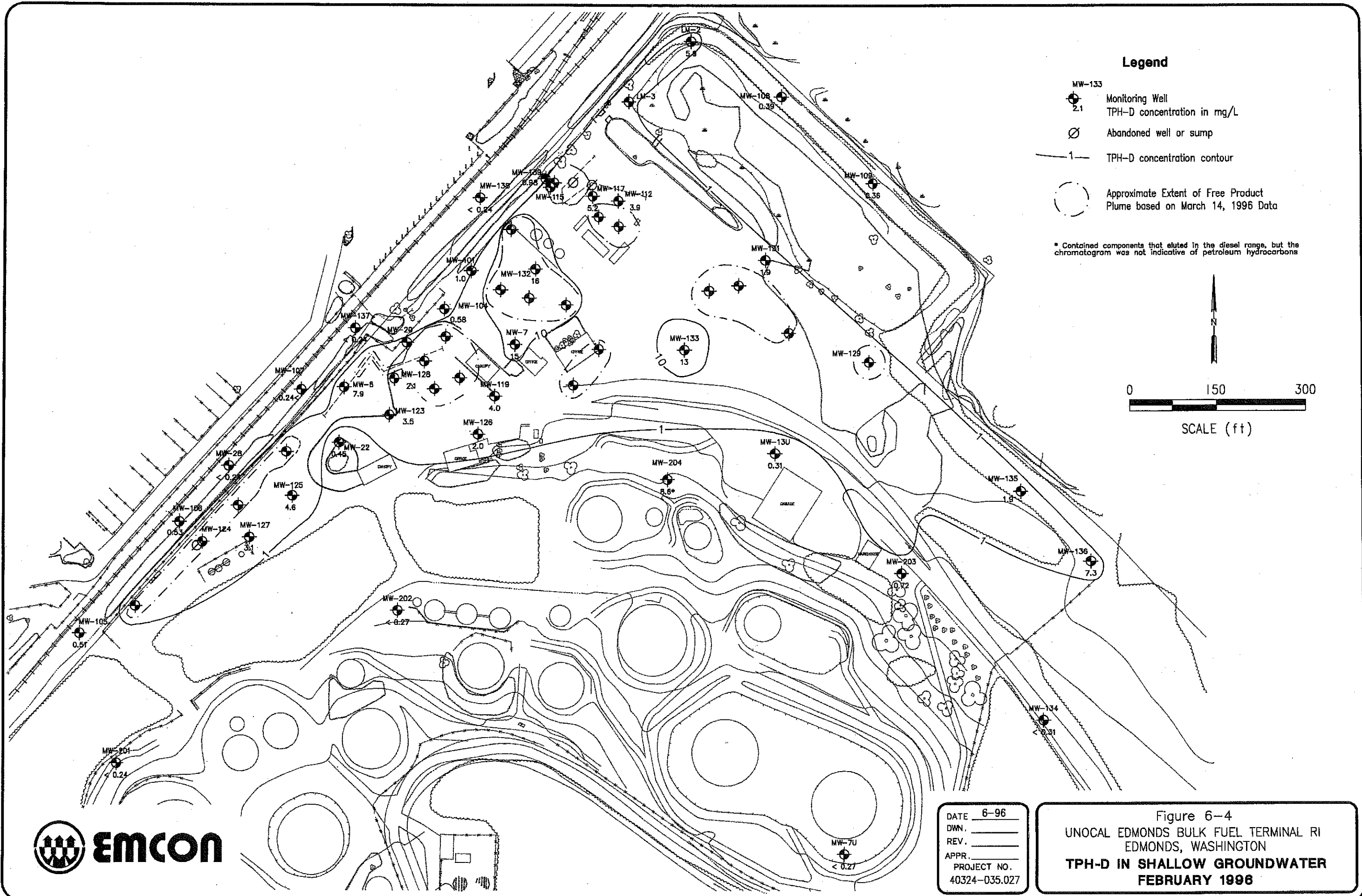
DATE 9/98
 DWN. _____
 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.027

Figure 5-13
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
**HIGH TIDE GROUNDWATER ELEVATIONS
 IN SHALLOW WELLS
 JANUARY 18, 1996**





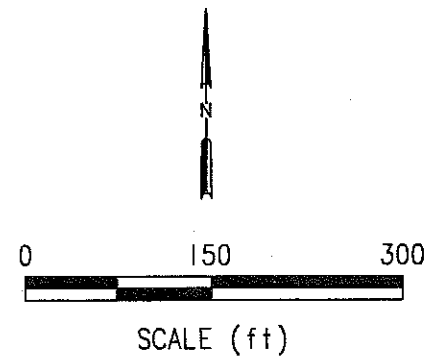




Legend

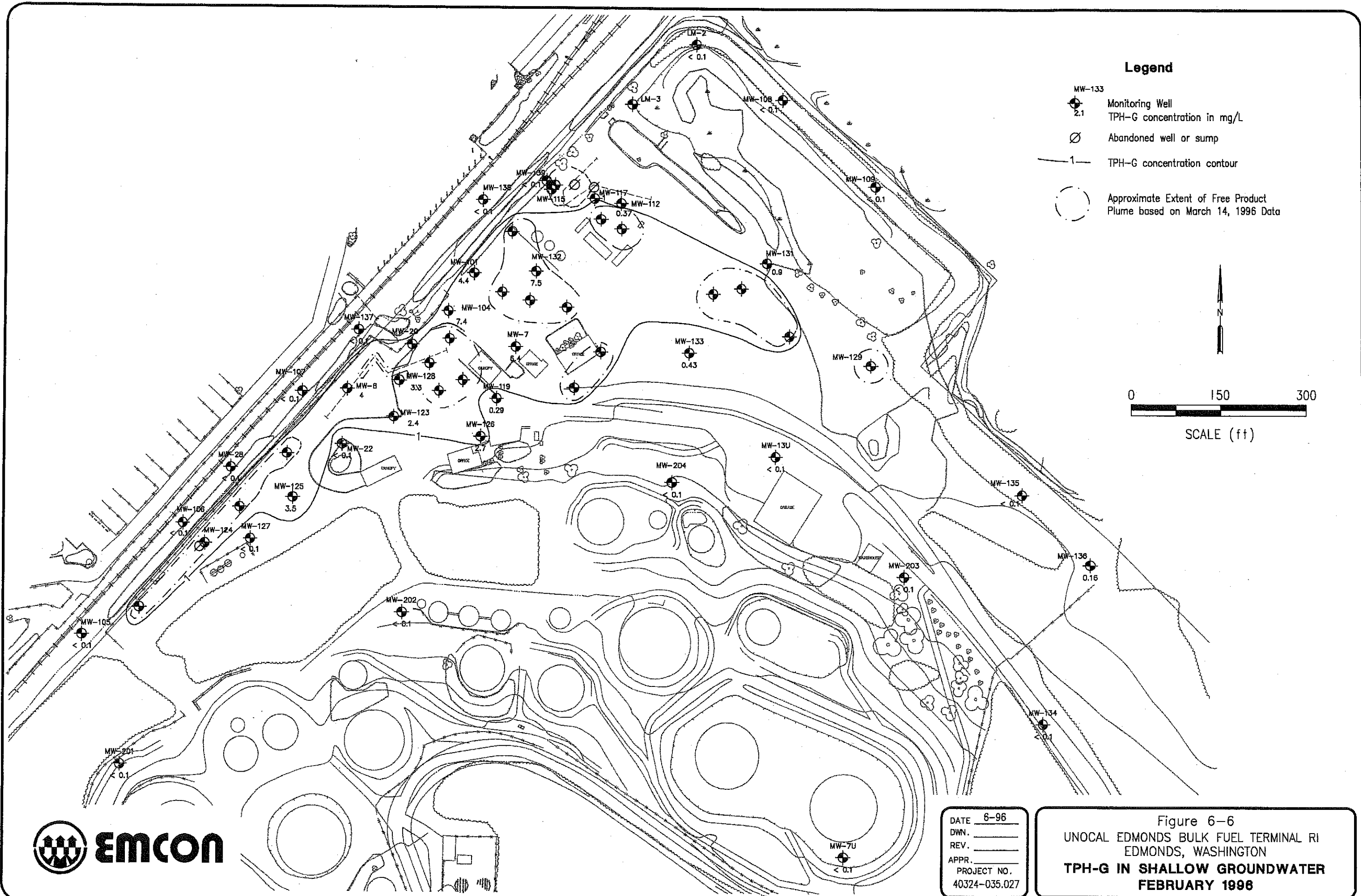
- MW-133
Monitoring Well
- 2.1
TPH-D concentration in mg/L
- Ø
Abandoned well or sump
- 1 —
TPH-D concentration contour
- Approximate Extent of Free Product Plume based on March 14, 1996 Data

* Contained components that eluted in the diesel range, but the chromatogram was not indicative of petroleum hydrocarbons








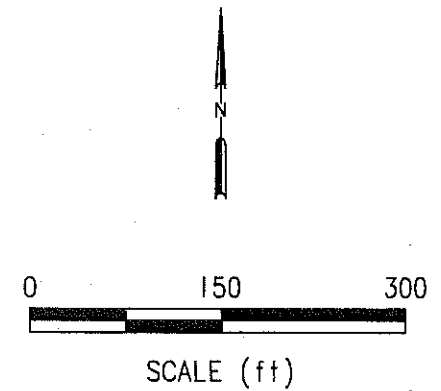
DATE 6-96
 DWN. _____
 REV. _____
 APPR. _____
 PROJECT NO. 40324-035.027

Figure 6-4
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
TPH-D IN SHALLOW GROUNDWATER
FEBRUARY 1996



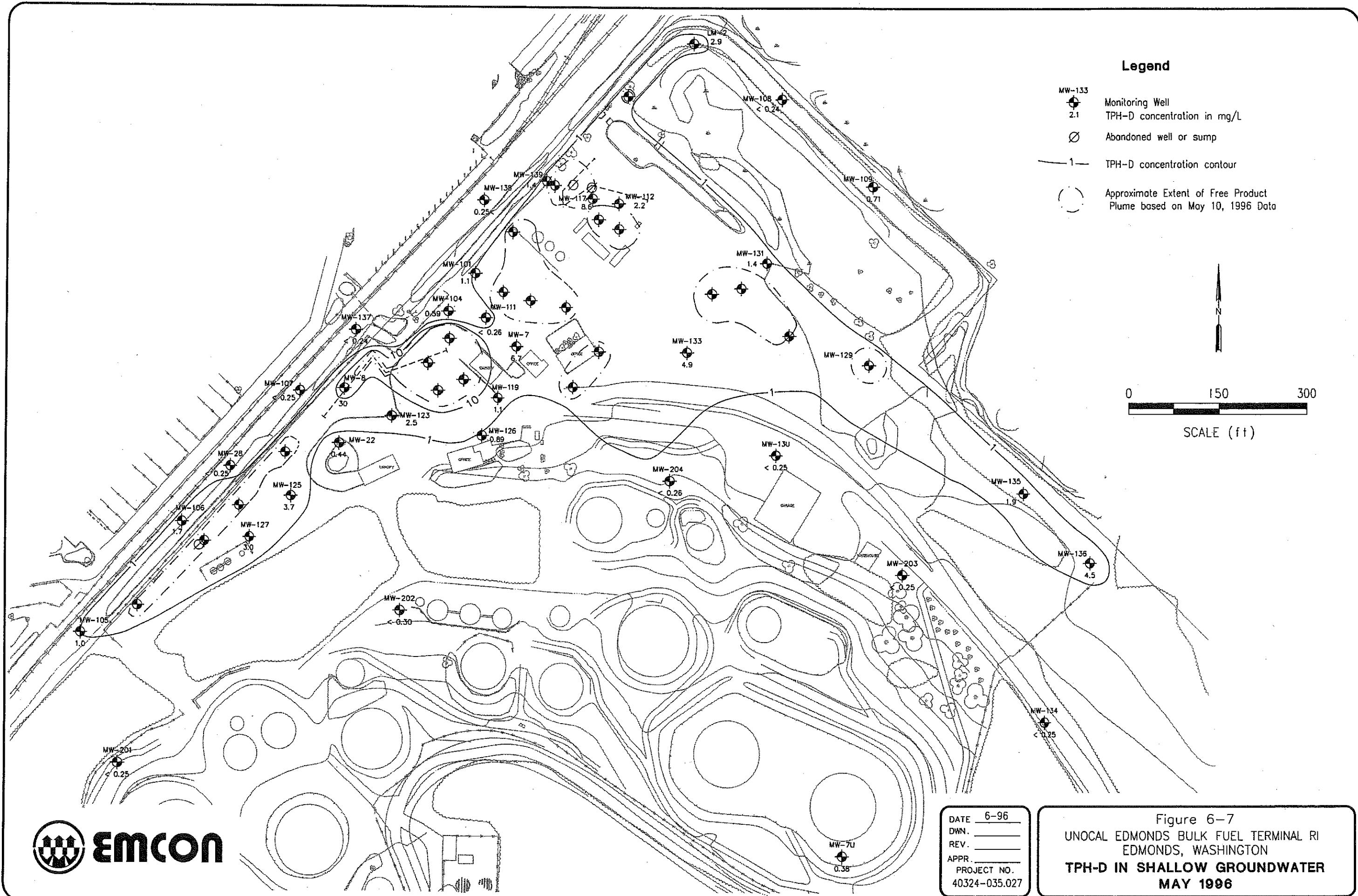
Legend

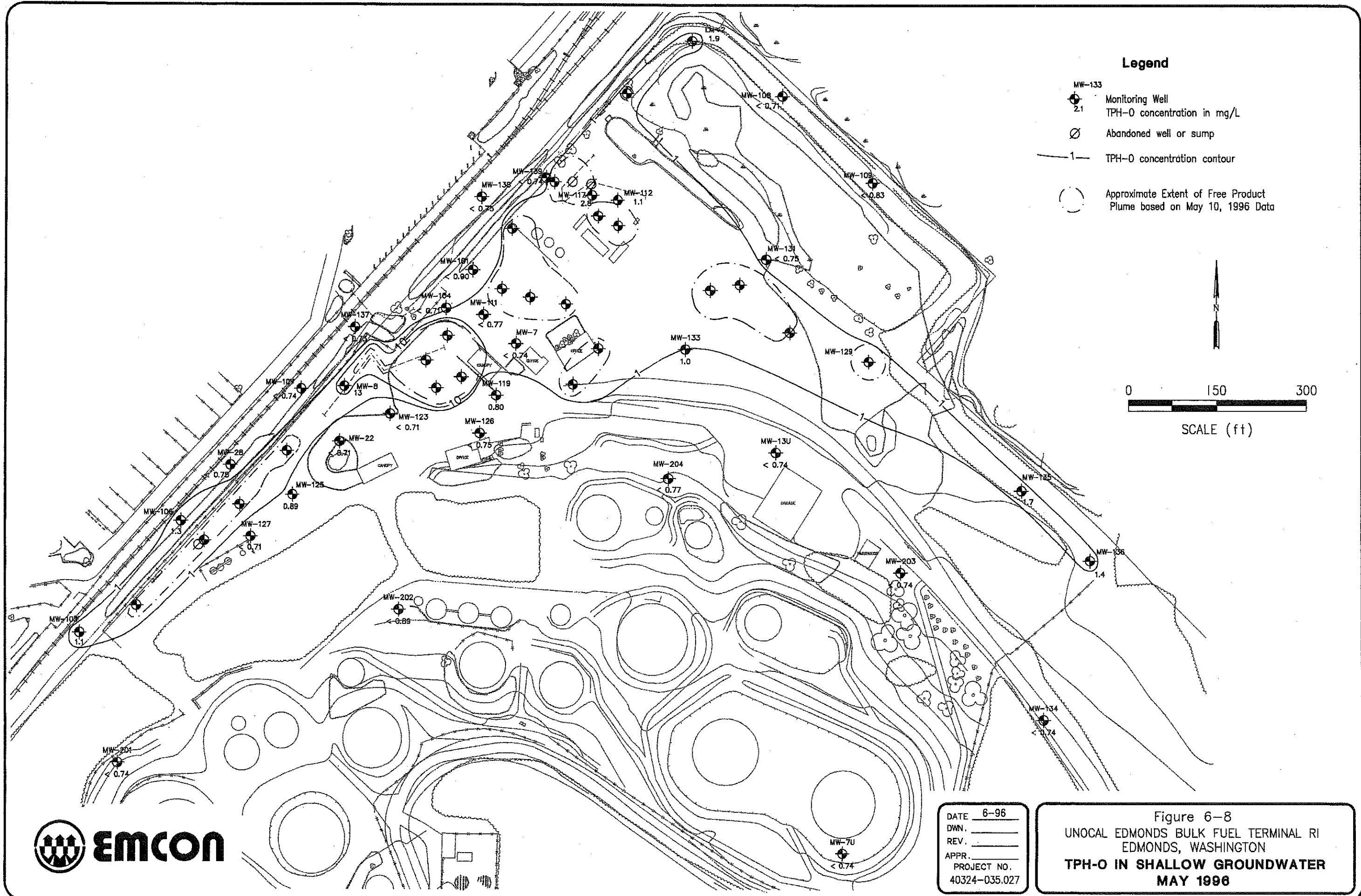
- MW-133
 Monitoring Well
 2.1 TPH-G concentration in mg/L
-  Abandoned well or sump
-  1 TPH-G concentration contour
-  Approximate Extent of Free Product Plume based on March 14, 1996 Data

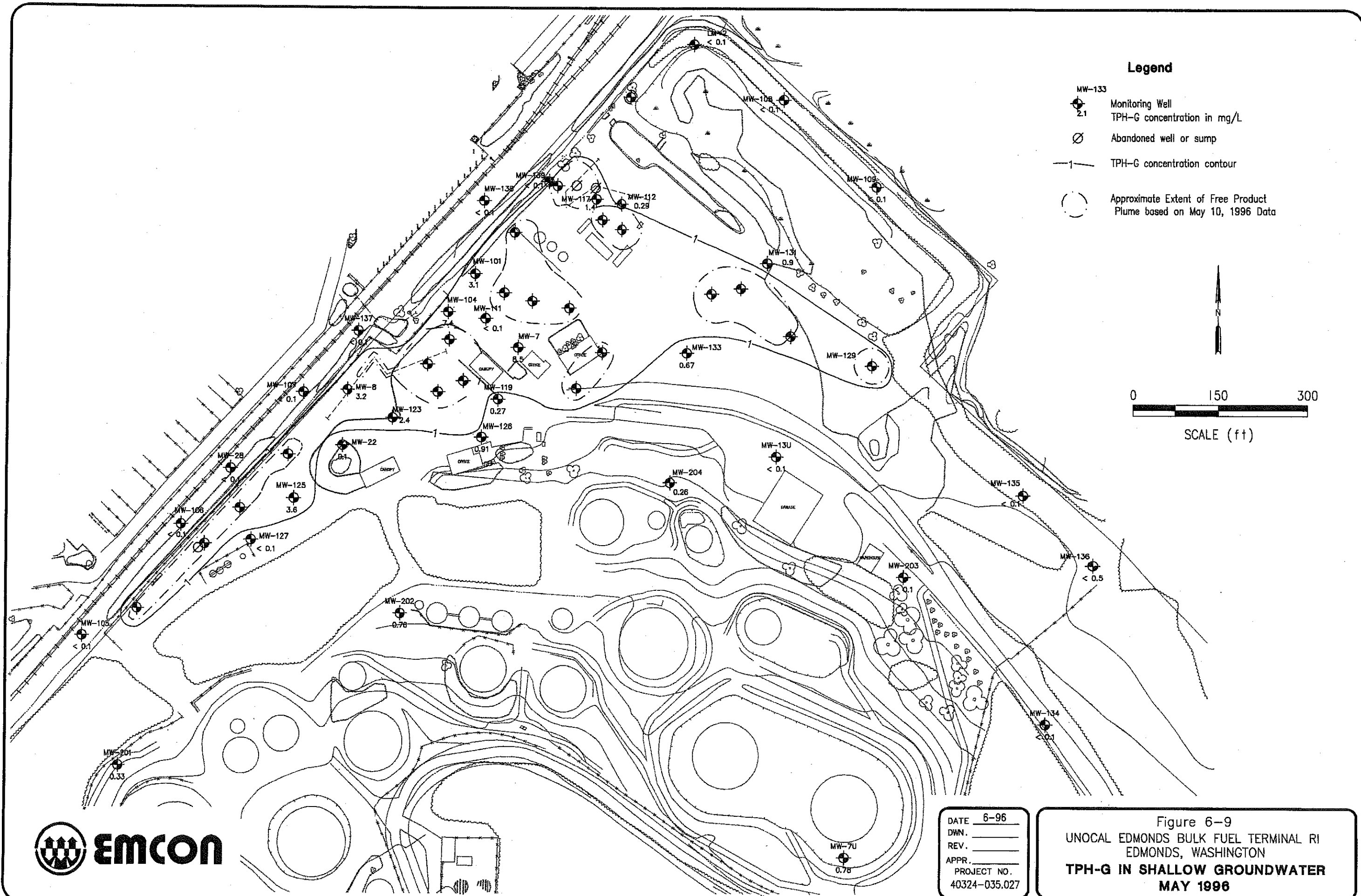


DATE 6-96
 DWN. _____
 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.027

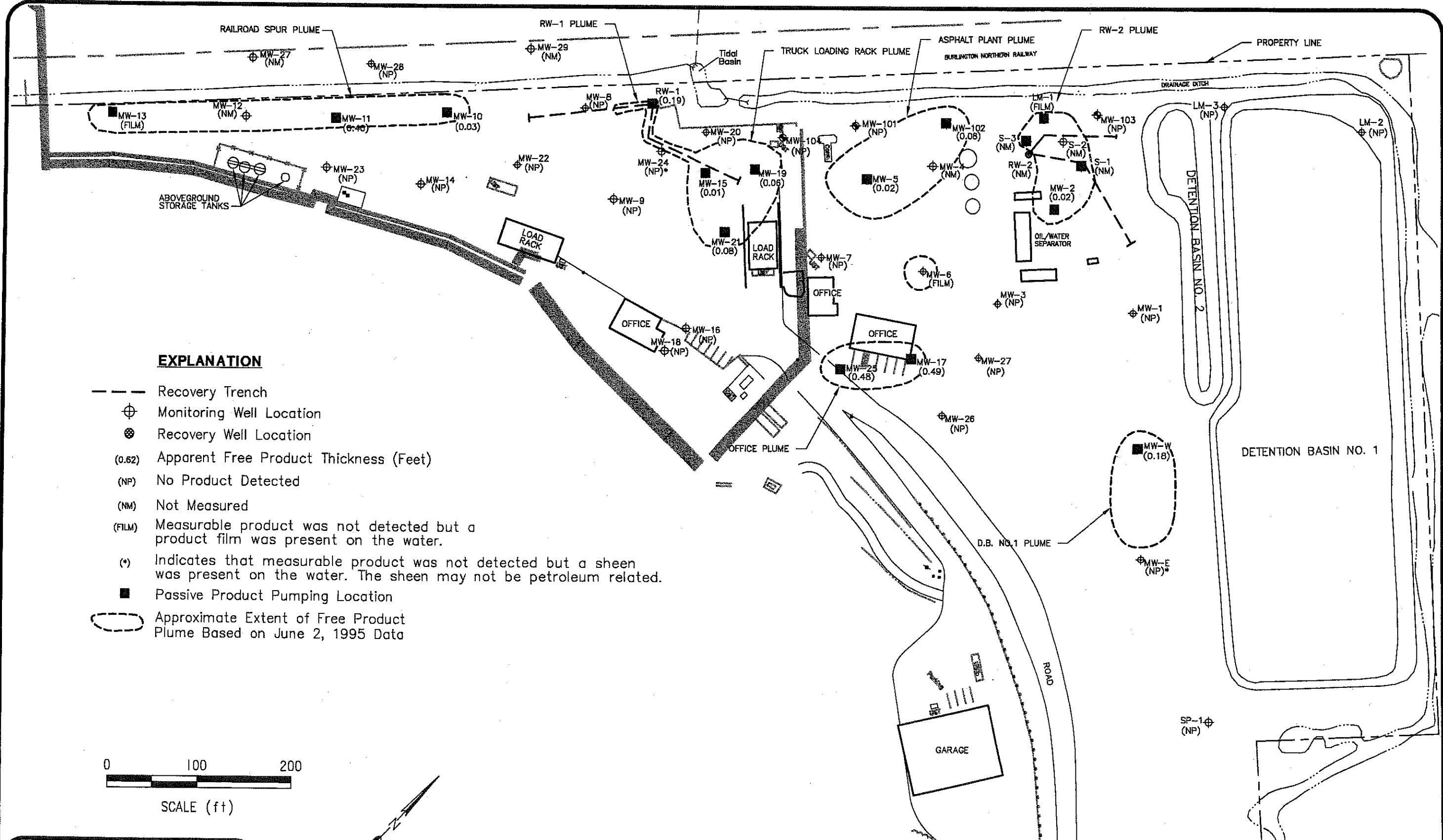
Figure 6-6
 UNOCAL EDMONDS BULK FUEL TERMINAL RI
 EDMONDS, WASHINGTON
TPH-G IN SHALLOW GROUNDWATER
FEBRUARY 1996





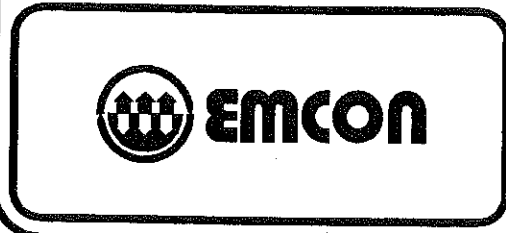
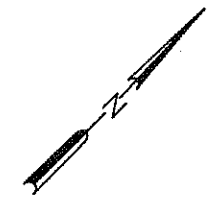
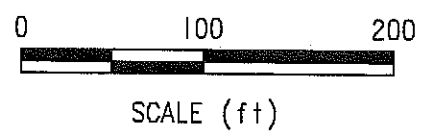


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EXPLANATION

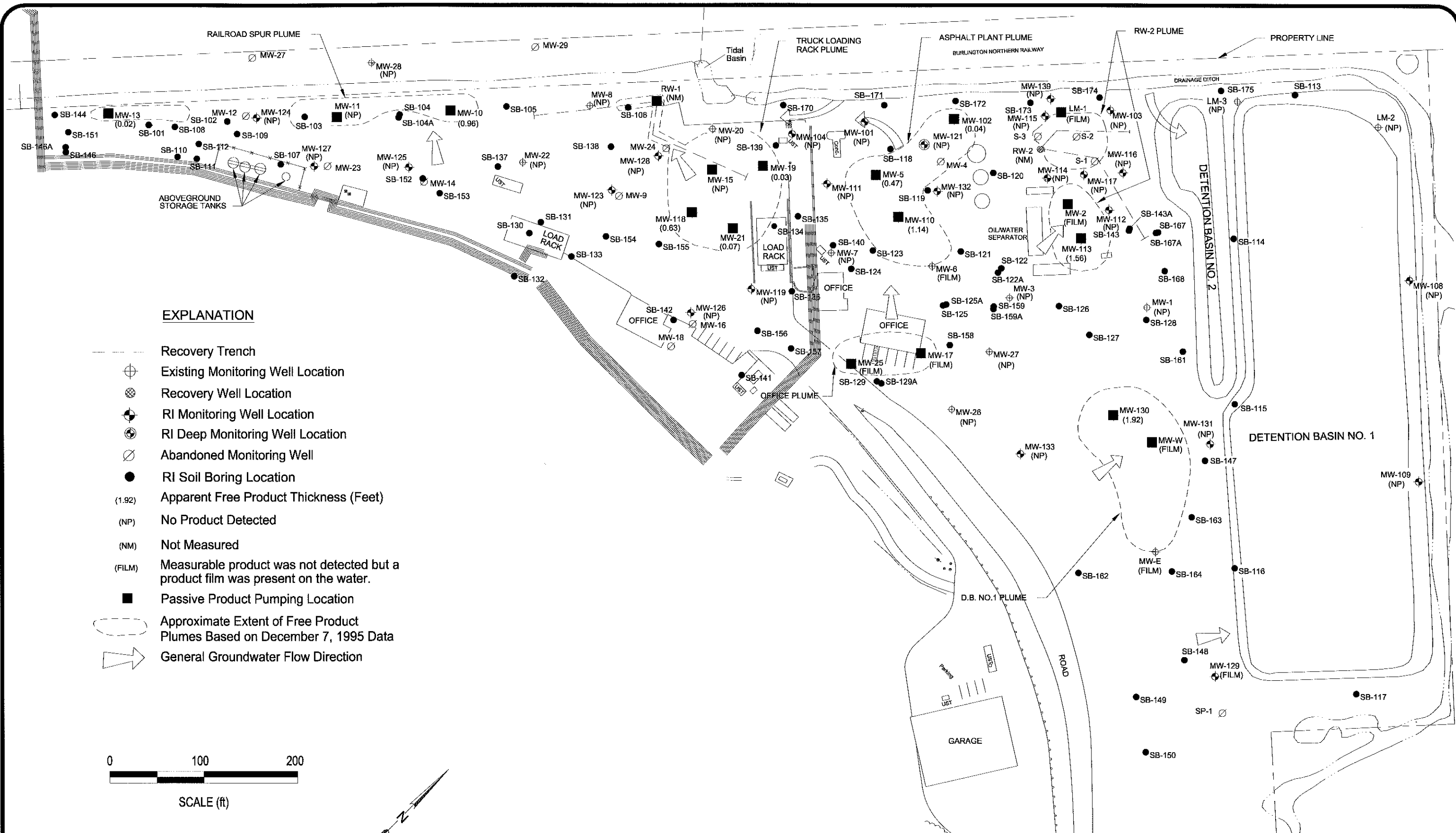
- Recovery Trench
- ⊕ Monitoring Well Location
- ⊗ Recovery Well Location
- (0.62) Apparent Free Product Thickness (Feet)
- (NP) No Product Detected
- (NM) Not Measured
- (FILM) Measurable product was not detected but a product film was present on the water.
- (*) Indicates that measurable product was not detected but a sheen was present on the water. The sheen may not be petroleum related.
- Passive Product Pumping Location
- (dashed) Approximate Extent of Free Product Plume Based on June 2, 1995 Data



DATE 10-98
 DWN mlp
 APP _____
 REV _____
 PROJECT NO.
 40324-035.045

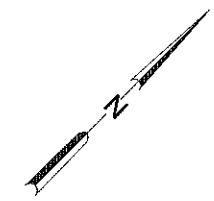
Figure 6-10
 UNOCAL CORPORATION
 BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
**APPROXIMATE EXTENTS OF FREE PRODUCT
 PLUMES - JUNE 2, 1995**

ENW-BOTHEL2\DATA: G:\DWG\40324\035\B0030N08.dwg Xrefs: <NONE>
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EXPLANATION

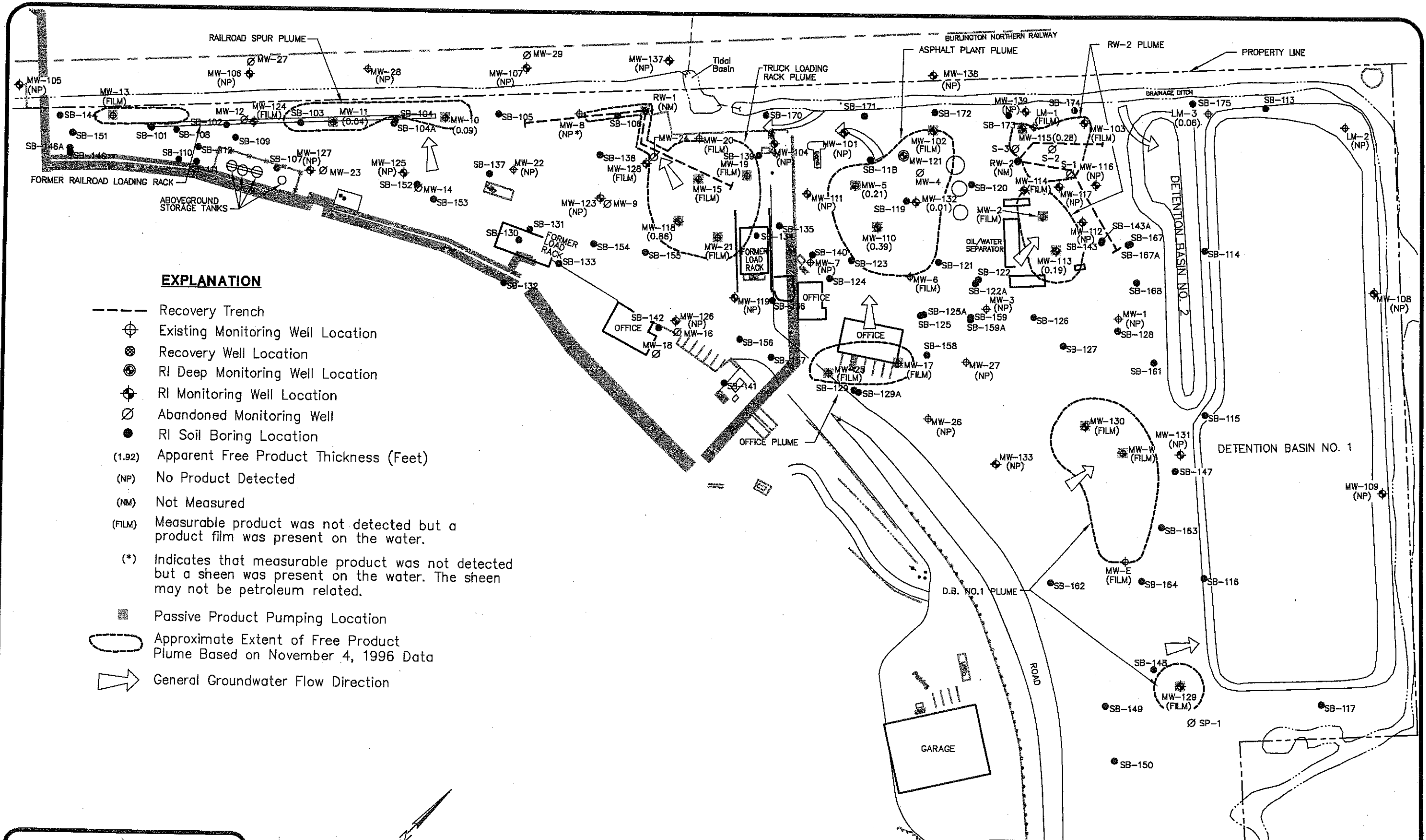
- Recovery Trench
- ⊕ Existing Monitoring Well Location
- ⊗ Recovery Well Location
- ⊕ RI Monitoring Well Location
- ⊕ RI Deep Monitoring Well Location
- ⊘ Abandoned Monitoring Well
- RI Soil Boring Location
- (1.92) Apparent Free Product Thickness (Feet)
- (NP) No Product Detected
- (NM) Not Measured
- (FILM) Measurable product was not detected but a product film was present on the water.
- Passive Product Pumping Location
- Approximate Extent of Free Product Plumes Based on December 7, 1995 Data
- General Groundwater Flow Direction



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| APP | |
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| PROJECT NO. | 40324-035.030 |

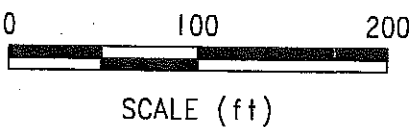
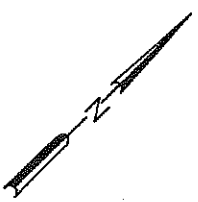
Figure 6-11
UNOCAL CORPORATION
BULK FUEL TERMINAL
EDMONDS, WASHINGTON
APPROXIMATE EXTENTS OF FREE PRODUCT
PLUMES - DECEMBER 7, 1995

E:\BOTHELL2\DATA: G:\DWG\40324035\B0045N24.dwg Xrefs: <NONE>
 Scale: 1 = 100.00 DimScale: 1 = 100.00 Date: 10/15/98 Time: 1:32 PM Operator: MPORTACIO



EXPLANATION

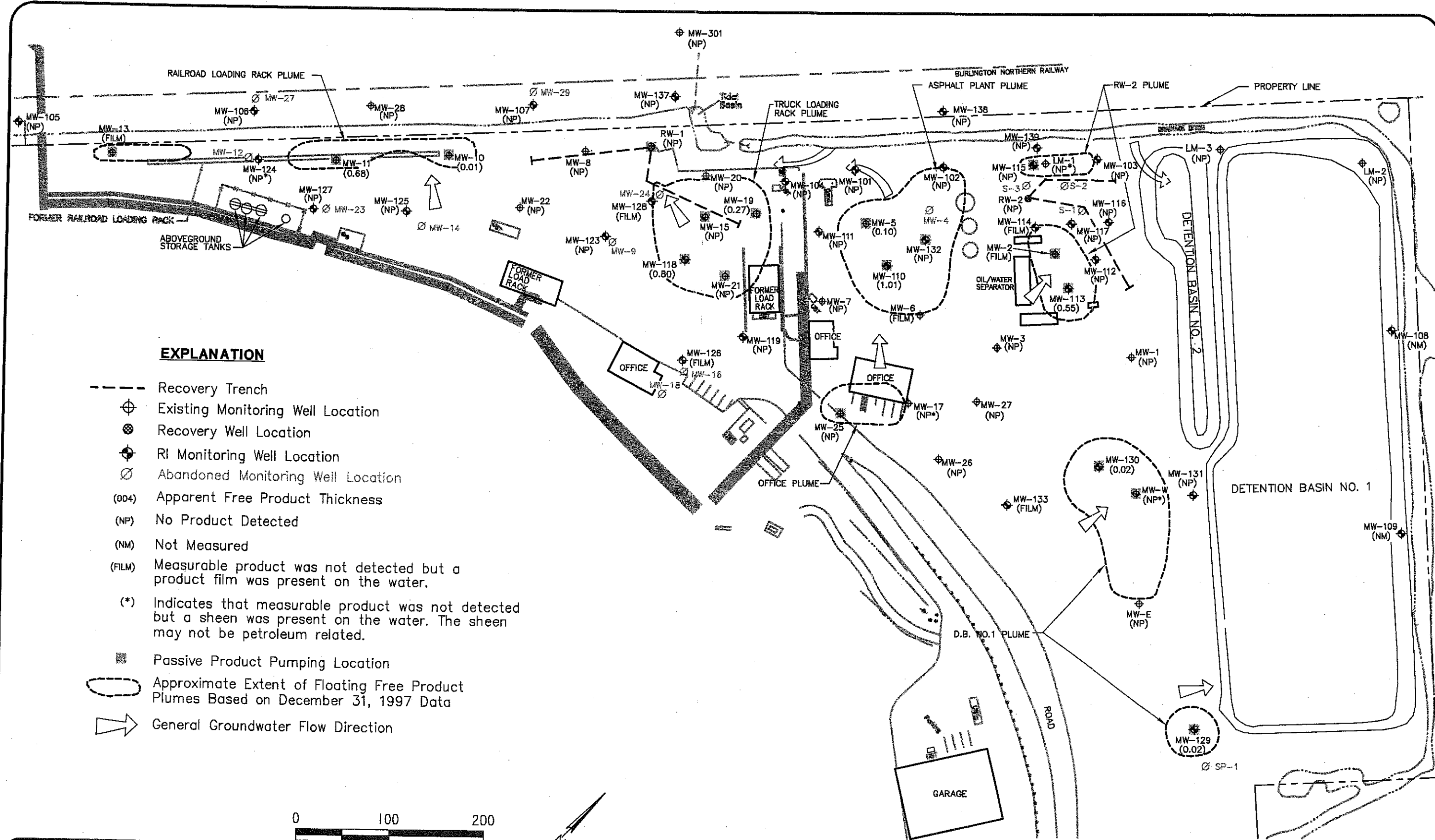
- Recovery Trench
- ⊕ Existing Monitoring Well Location
- ⊗ Recovery Well Location
- ⊙ RI Deep Monitoring Well Location
- ⊕ RI Monitoring Well Location
- ⊘ Abandoned Monitoring Well
- RI Soil Boring Location
- (1.92) Apparent Free Product Thickness (Feet)
- (NP) No Product Detected
- (NM) Not Measured
- (FILM) Measurable product was not detected but a product film was present on the water.
- (*) Indicates that measurable product was not detected but a sheen was present on the water. The sheen may not be petroleum related.
- Passive Product Pumping Location
- Approximate Extent of Free Product Plume Based on November 4, 1996 Data
- ➔ General Groundwater Flow Direction



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| APP | |
| REV | |
| PROJECT NO. | 40324-035.045 |

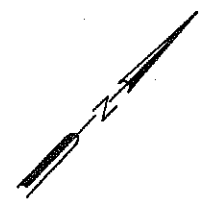
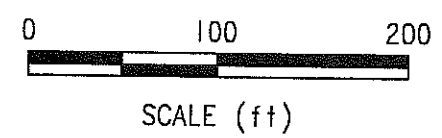
Figure 6-12
 UNOCAL CORPORATION
 BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
APPROXIMATE EXTENTS OF FREE PRODUCT PLUMES - NOVEMBER 4, 1996

ENW-BOTHELL2/DATA/G:\DWC\40324035\B0045N25.dwg Xrefs: <NONE>
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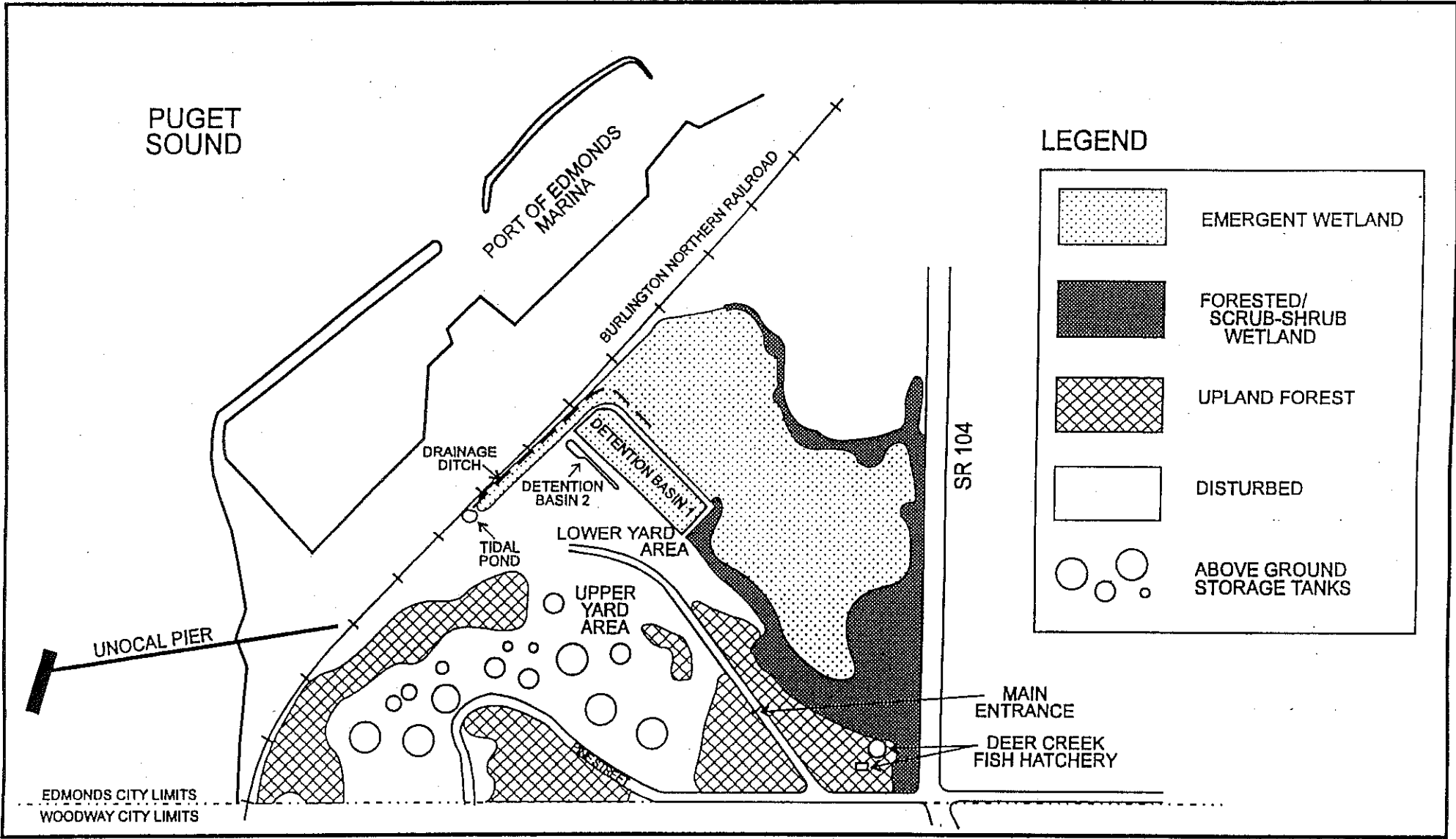
EXPLANATION

- Recovery Trench
- ⊕ Existing Monitoring Well Location
- ⊗ Recovery Well Location
- ⊕ RI Monitoring Well Location
- ⊘ Abandoned Monitoring Well Location
- (004) Apparent Free Product Thickness
- (NP) No Product Detected
- (NM) Not Measured
- (FILM) Measurable product was not detected but a product film was present on the water.
- (*) Indicates that measurable product was not detected but a sheen was present on the water. The sheen may not be petroleum related.
- Passive Product Pumping Location
- Approximate Extent of Floating Free Product Plumes Based on December 31, 1997 Data
- ➔ General Groundwater Flow Direction

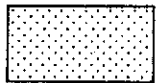


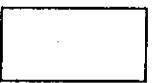



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| DATE | 3-98 |
| DWN | mlp |
| APP | |
| REV | |
| PROJECT NO. | 40324-035.045 |

Figure 6-13
 UNOCAL CORPORATION
 BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
**APPROXIMATE EXTENTS OF FREE PRODUCT
 PLUMES - DECEMBER 31, 1997**



LEGEND

| | |
|---|-------------------------------------|
|  | EMERGENT WETLAND |
|  | FORESTED/ SCRUB-SHRUB WETLAND |
|  | UPLAND FOREST |
|  | DISTURBED |
|  | ABOVE GROUND STORAGE TANKS |



NORTH

Approx. Scale:
1"=600'

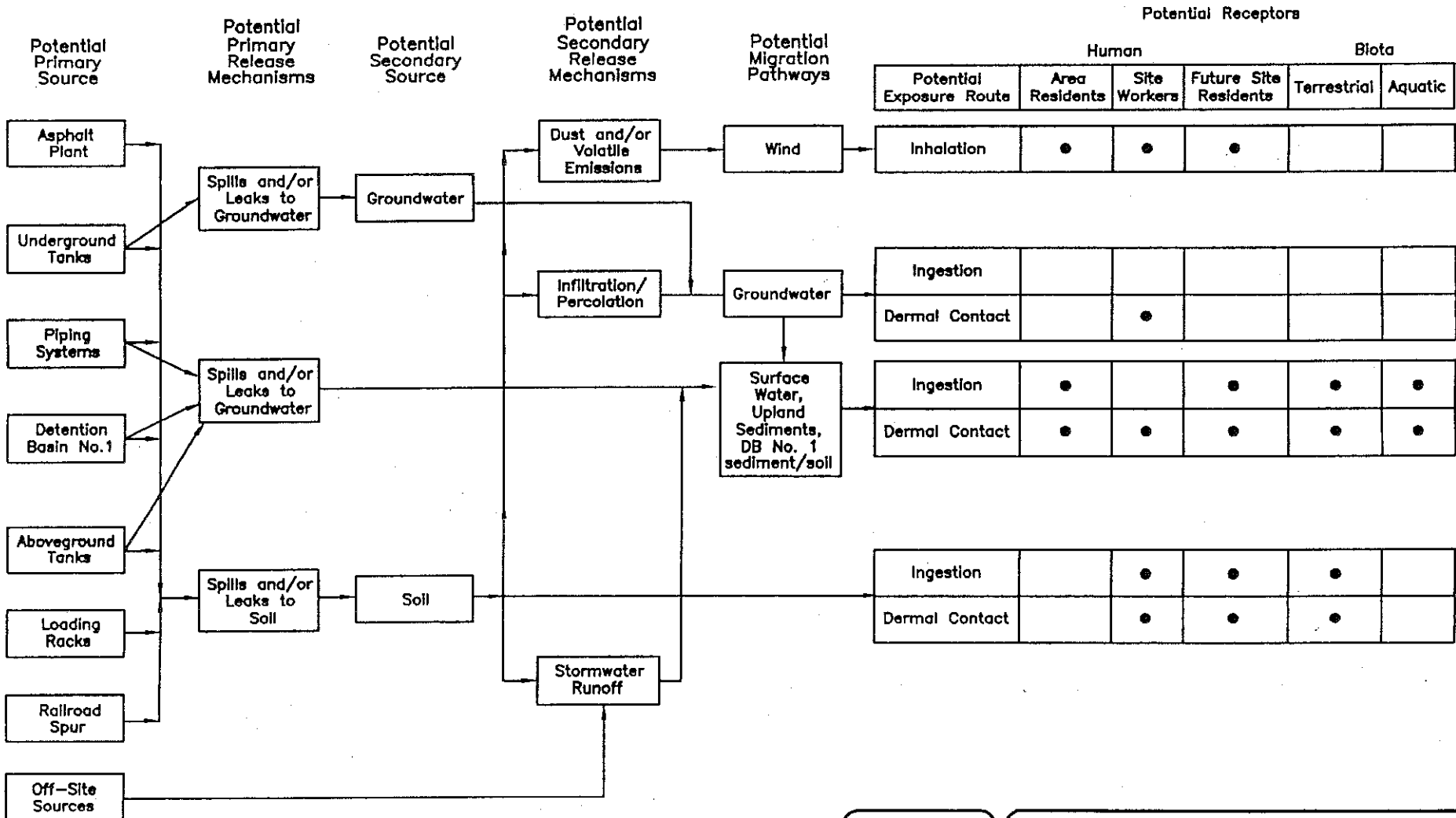
SOURCE: EMCON, 1995.

Habitat Map
UNOCAL Site

Figure 7-1



ADOLFSON
ASSOCIATES, INC.



DATE 8-96
 DWN. MLP
 REV. _____
 APPR. _____
 PROJECT NO.
 40324-035.030

Figure 8-1
 UNOCAL EDMONDS BULK FUEL TERMINAL
 EDMONDS, WASHINGTON
 CONCEPTUAL SITE MODEL

