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ENVIRONMENTAL STRATEGIES CORPORATION

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DRAFT

PHASE I RCRA FACILITY INVESTIGATION

**AL Tech Specialty Steel Corporation
WATERVLIET, NEW YORK**

FIGURES

prepared for

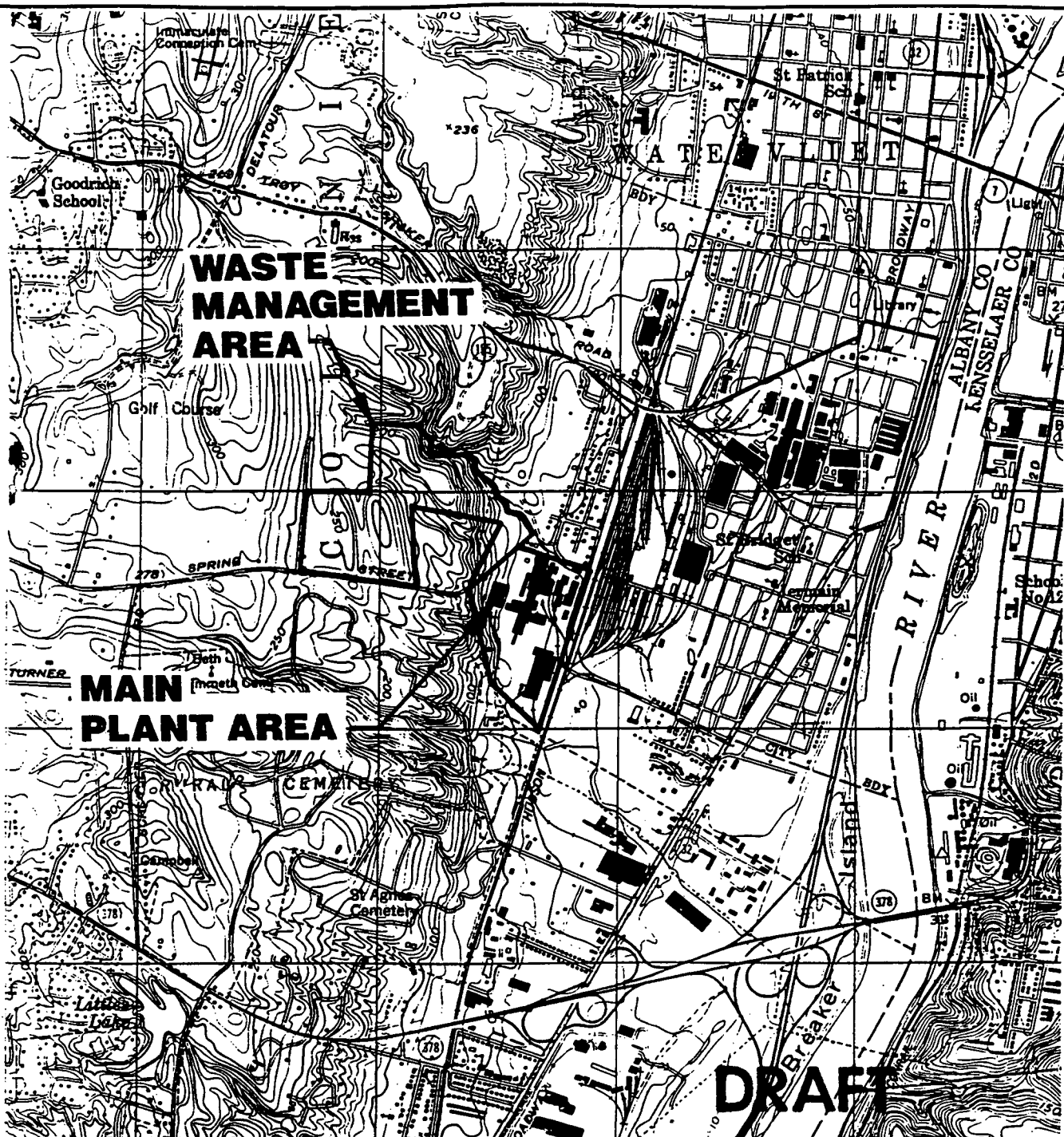
AL Tech Specialty Steel Corporation

AUGUST 11, 1995


**ENVIRONMENTAL STRATEGIES CORPORATION
PITTSBURGH, PENNSYLVANIA**

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REFERENCES:

1. USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE, TROY SOUTH, NY, DATED 1953, PHOTOREVISED 1980. SCALE: 1:24000.
2. REMCOR, INC. DWG. No. 94067-A11/29415, DATED 06/25/95.

FIGURE 1-1

SITE LOCATION MAP

PHASE I RCRA FACILITY INVESTIGATION

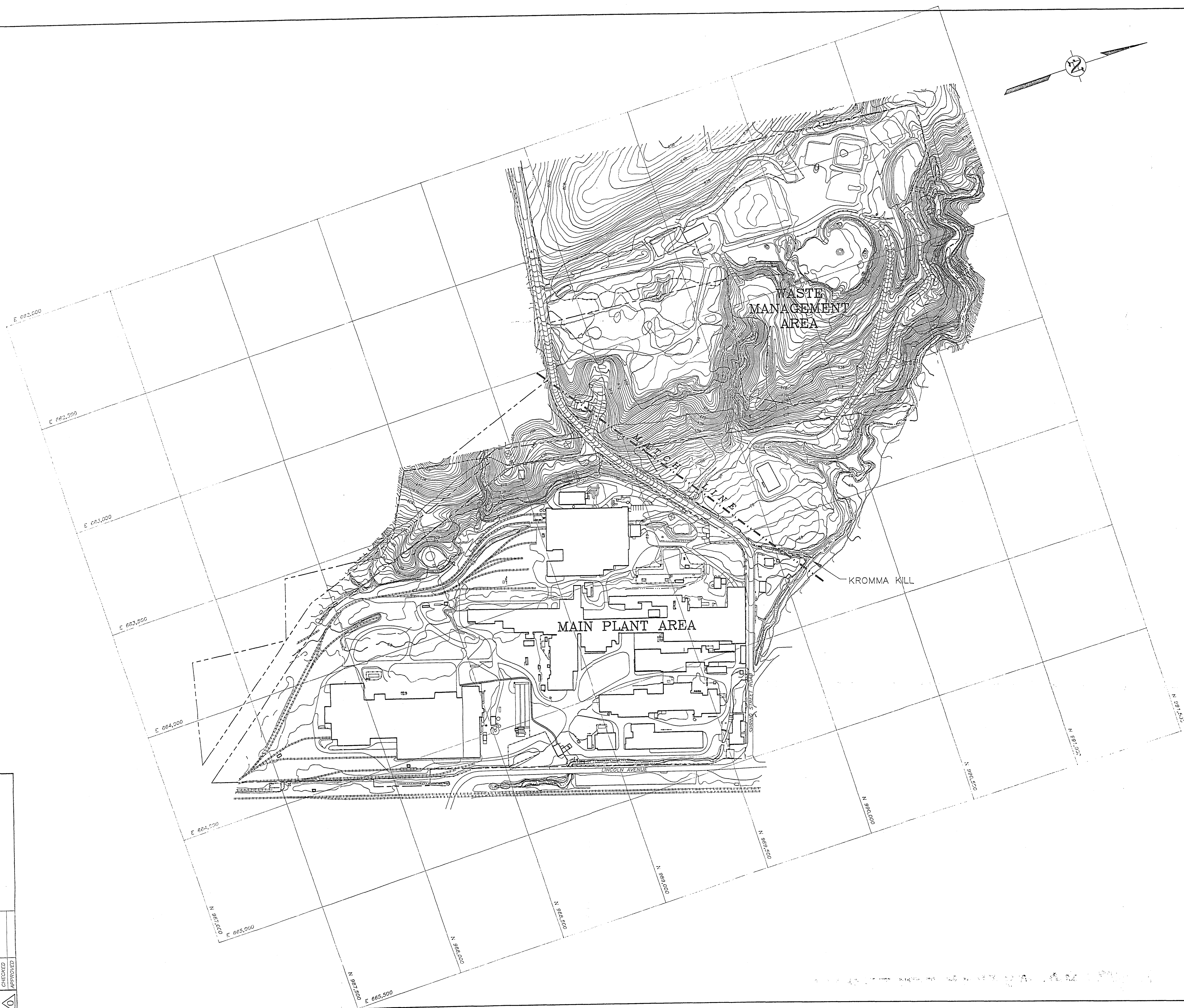
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Watervliet, New York



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LEGEND

---	PROPERTY LINE
---	UTILITY RIGHT-OF-WAY LINE

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REFERENCES:
 1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
 2. REMCOR, INC. DWG. No. 94067-E11/27693, DATED 06/20/95.

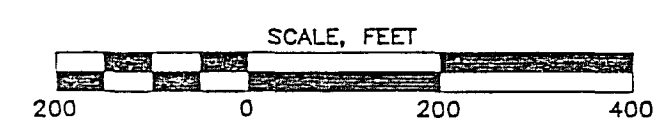


FIGURE 1-2

SITE PLAN

PHASE I RCRA FACILITY INVESTIGATION
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 Watervliet, New York

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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (REFER TO FIGURE 1-4)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
 - * 2 PROCESS PITS
 - 3 SEPTIC TANKS
 - 4 PICKLING ROOM
 - 5 THOMPSON ETCH ROOM
 - 6 7 UNDERGROUND STORAGE TANKS (USTs)
 - 8 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
 - 9 FORMER COAL STORAGE AREA
 - 10 KROMMA KILL
 - * 11 OILED ROADS
 - 12 13 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 18 TRANSFORMER/CAPACITOR AREA LOCATION AND DESIGNATION
- MW-A1 9 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- OW-1 10 OBSERVATION WELL LOCATION AND DESIGNATION
- PZ-1 11 PIEZOMETER LOCATION AND DESIGNATION
- RW-1 12 RECOVERY WELL LOCATION AND DESIGNATION
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE
- BOUNDARY OF GENERALIZED REGIONS

NOTES:

1. THE MONITORING, RECOVERY, AND OBSERVATION WELLS ON THIS FIGURE ARE THOSE THAT EXISTED PRIOR TO THE PHASE I RFI.
2. LOCATIONS FOR AP-1, AP-2, RW-1, AND RW-3 ARE APPROXIMATE.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 6025S1 THROUGH 6025S7.
3. REMCOR, INC. DWG. No. 94067-E16/28326, DATED 06/27/95.

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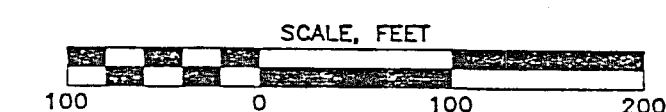


FIGURE 1-3

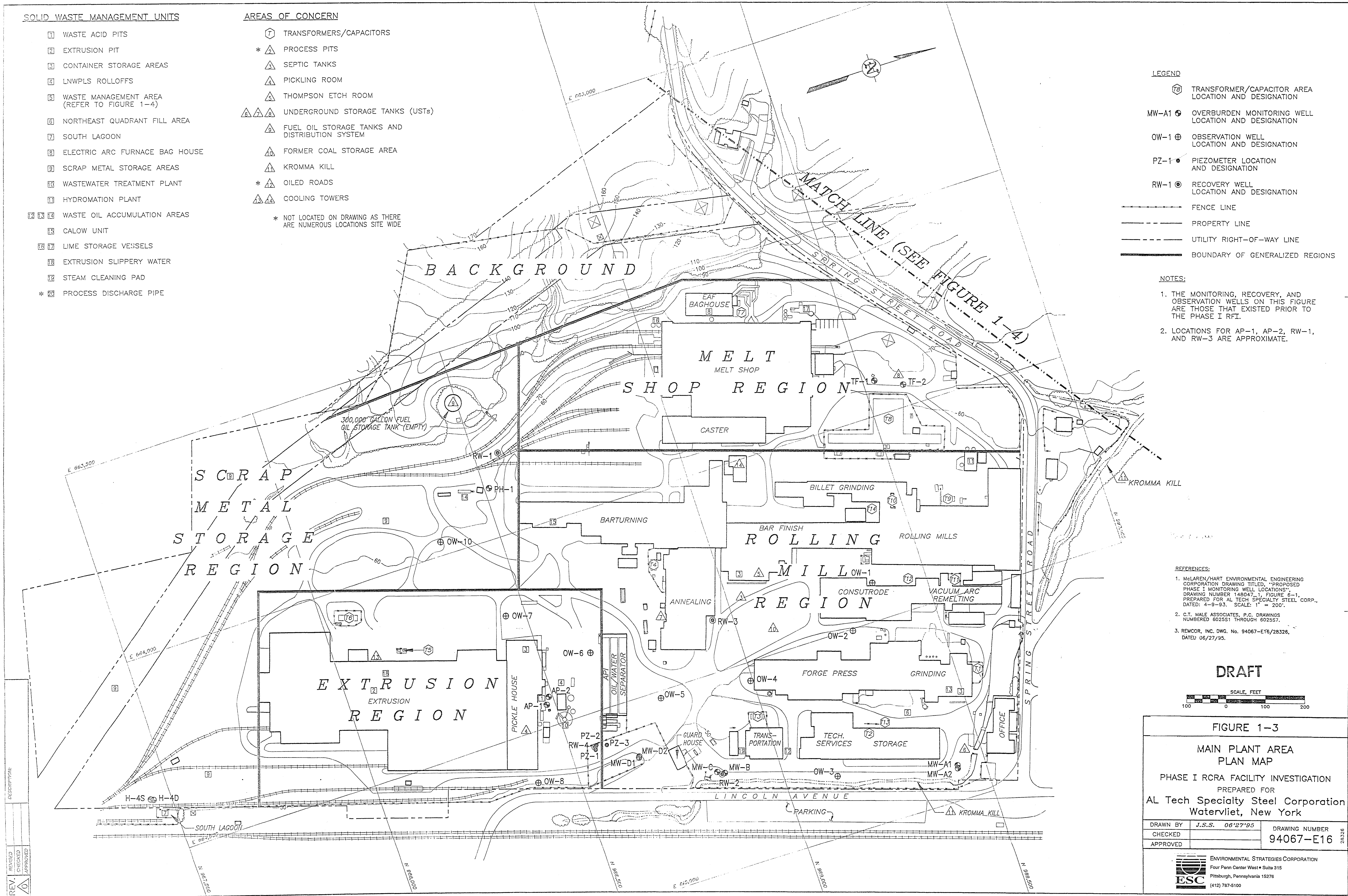
MAIN PLANT AREA PLAN MAP

PHASE I RCRA FACILITY INVESTIGATION
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AL Tech Specialty Steel Corporation
Watervliet, New York

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LEGEND

- MW-8 OVERBURDEN MONITORING WELL
LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL
LOCATION AND DESIGNATION
- FENCE LINE
- PROPERTY LINE

NOTES:

1. ALL WELL LOCATIONS ARE APPROXIMATE.
2. NO CONSTRUCTION INFORMATION IS AVAILABLE FOR MW-5 OR MW-9; THEY ARE BELIEVED TO MONITOR BEDROCK AND OVERBURDEN, RESPECTIVELY.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR: MCLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED, "PLAN MAP WITH SURVEY COVERAGE."
3. REMCOR, INC. DWG. No. 94067-E17/28364, DATED 06/20/95.

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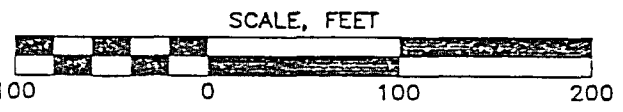


FIGURE 1-4

WASTE MANAGEMENT AREA
PLAN MAP
PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWLPS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (REFER TO FIGURE 2-2)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
- * 2 PROCESS PITS
- 3 SEPTIC TANKS
- 4 PICKLING ROOM
- 5 THOMPSON ETCH ROOM
- 6 7 8 UNDERGROUND STORAGE TANKS (USTs)
- 9 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- 10 FORMER COAL STORAGE AREA
- 11 KROMMA KILL
- * 12 OILED ROADS
- 13 14 COOLING TOWERS

* NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 1 TRANSFORMER/CAPACITOR AREA LOCATION AND DESIGNATION (SEE NOTE 2 FOR SAMPLE LOCATIONS)
- BS-1 2 BACKGROUND SURFACE SOIL SAMPLE LOCATION AND DESIGNATION
- B-1 3 TEST BORING LOCATION AND DESIGNATION
- MW-1 4 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B 5 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

NOTES:

1. BACKGROUND SURFACE SOIL SAMPLES WERE ALSO COLLECTED FROM MW-7B AND MW-8B.
2. THE SAMPLE COLLECTION LOCATIONS FOR EACH OF THE TRANSFORMER/CAPACITOR AREAS ARE PRESENTED IN INDIVIDUAL PLAN MAPS CONTAINED IN APPENDIX A.
3. SURFACE SOIL SAMPLE LOCATIONS FOR THE BORINGS AND MONITORING WELLS WERE COLLECTED FROM A LOCATION PROXIMATE TO THE BORINGS OR WELL NESTS.
4. THE DECISION TO INSTALL MONITORING WELL MW-11 WAS MADE SUBSEQUENT TO COMPLETION OF SOIL SAMPLE COLLECTION FROM BORING B-2.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E18/28411, DATED 06/27/95.

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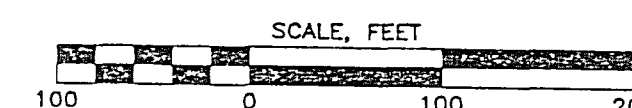


FIGURE 2-1

SURFACE SOIL SAMPLE LOCATIONS
MAIN PLANT AREA
PHASE I RCRA FACILITY INVESTIGATION
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- LEGEND**
- WMAB-1 ▲ SURFACE SOIL SAMPLE LOCATION AND DESIGNATION
 - MW-8 ● OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
 - MW-7 ● BEDROCK MONITORING WELL LOCATION AND DESIGNATION
 - FENCE LINE
 - PROPERTY LINE

- NOTES:**
1. SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
 2. SURFACE SOIL SAMPLES WERE NOT COLLECTED FROM THE WELL LOCATIONS; THE WELL LOCATIONS ARE PRESENTED IN THIS FIGURE FOR REFERENCE ONLY.
 3. ALL WELL LOCATIONS ARE APPROXIMATE.
 4. NO CONSTRUCTION INFORMATION IS AVAILABLE FOR MW-5 OR MW-9; THEY ARE BELIEVED TO MONITOR BEDROCK AND OVERBURDEN, RESPECTIVELY.

- REFERENCES:**
1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
 2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR: McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED "PLAN MAP WITH SURVEY COVERAGE."
 3. REMCOR, INC. DWG.-No. 94067-E19/28423, DATED 06/27/95.

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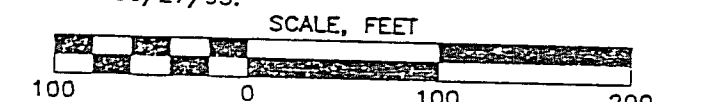


FIGURE 2-2

**SURFACE SOIL SAMPLE LOCATIONS
WASTE MANAGEMENT AREA**

PHASE I RCRA FACILITY INVESTIGATION
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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (IN ACCORDANCE WITH THE RFI WORK PLAN, SUBSURFACE SOIL SAMPLES WERE NOT COLLECTED FROM THIS SWMU, CONSEQUENTLY NO DRAWING HAS BEEN PREPARED)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 WASTE OIL ACCUMULATION AREAS
- 13 CALOW UNIT
- 14 LIME STORAGE VESSELS
- 15 EXTRUSION SLIPPERY WATER
- 16 STEAM CLEANING PAD
- * 17 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 17 TRANSFORMERS/CAPACITORS
- * 18 PROCESS PITS
- 19 SEPTIC TANKS
- 20 PICKLING ROOM
- 21 THOMPSON ETCH ROOM
- 22 UNDERGROUND STORAGE TANKS (USTs)
- 23 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- 24 FORMER COAL STORAGE AREA
- 25 KROMMA KILL
- * 26 OILED ROADS
- 27 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 17 TRANSFORMER/CAPACITOR AREA LOCATION AND DESIGNATION (SEE NOTE 3)
- B-1 TEST BORING LOCATION AND DESIGNATION
- TP-1 TEST PIT LOCATION AND DESIGNATION
- MW-1 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- PZ-4 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

NOTES:

- SUBSURFACE SOIL SAMPLES WERE COLLECTED FROM BOTH THE OVERBURDEN AND BEDROCK WELL LOCATIONS; HOWEVER, THE SAMPLES WERE COLLECTED FROM THE BEDROCK WELL BORINGS.
- THE DECISION TO INSTALL MONITORING WELL MW-11 WAS MADE SUBSEQUENT TO COMPLETION OF SOIL SAMPLE COLLECTION FROM BORING B-2.
- SUBSURFACE SOIL SAMPLES WERE NOT COLLECTED FROM THE TRANSFORMER/CAPACITOR AREAS. THESE LOCATIONS ARE PRESENTED IN THIS FIGURE TO IDENTIFY THE RELATIVE LOCATIONS OF THIS AOC.

REFERENCES:

- McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
- C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
- REMCOR, INC. DWG. No. 94067-E20/28431, DATED 06/20/95.

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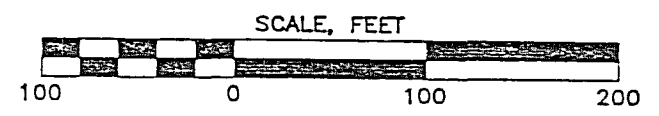


FIGURE 2-3

SUBSURFACE SOIL SAMPLE LOCATIONS

PHASE I RCRA FACILITY INVESTIGATION
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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA
(IN ACCORDANCE WITH THE RFI
WORK PLAN, GROUND WATER
SAMPLES WERE NOT COLLECTED
FROM THIS SWMU, CONSEQUENTLY
NO DRAWING HAS BEEN PREPARED
FOR THIS UNIT; FOR WATER LEVEL
MEASURING POINTS FOR THIS SWMU
REFER TO FIGURE 2-3)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 WASTE OIL ACCUMULATION AREAS
- 14 CALOW UNIT
- 15 17 LIME STORAGE VESSELS
- 16 EXTRUSION SLIPPERY WATER
- 18 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 7 TRANSFORMERS/CAPACITORS
- * 2 PROCESS PITS
- 3 SEPTIC TANKS
- 4 PICKLING ROOM
- 5 THOMPSON ETCH ROOM
- 6 6 6 UNDERGROUND STORAGE TANKS (USTs)
- 9 FUEL OIL STORAGE TANKS AND
DISTRIBUTION SYSTEM
- 10 FORMER COAL STORAGE AREA
- 11 KROMMA KILL
- * 12 OILED ROADS
- 13 14 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE
ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 71 TRANSFORMER/CAPACITOR AREA
LOCATION AND AREA DESIGNATION
- MW-A1 6 EXISTING MONITORING WELL
LOCATION AND DESIGNATION
- MW-8 6 OVERBURDEN MONITORING WELL
LOCATION AND DESIGNATION
- MW-1B 6 BEDROCK MONITORING WELL
LOCATION AND DESIGNATION
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

NOTES:

1. GROUND WATER SAMPLES WERE COLLECTED
FROM ALL WELLS SHOWN EXCLUDING TF-2.
THE TF-2 RISER PIPE IS BLOCKED
PROHIBITING WATER LEVEL MEASUREMENT
AND GROUND WATER SAMPLE COLLECTION.
2. LOCATIONS FOR AP-1 AND AP-2
ARE APPROXIMATE.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING
CORPORATION DRAWING TITLED, "PROPOSED
PHASE I MONITORING WELL LOCATIONS"
DRAWING NUMBER 148047-1, FIGURE 6-1,
PREPARED FOR AL TECH SPECIALTY STEEL CORP.,
DATED: 4-9-93, SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS
NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E21/28436,
DATED 06/27/95.

DRAFT

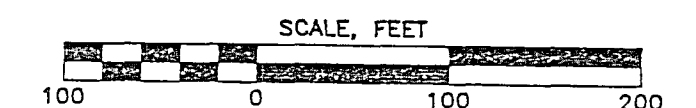


FIGURE 2-4

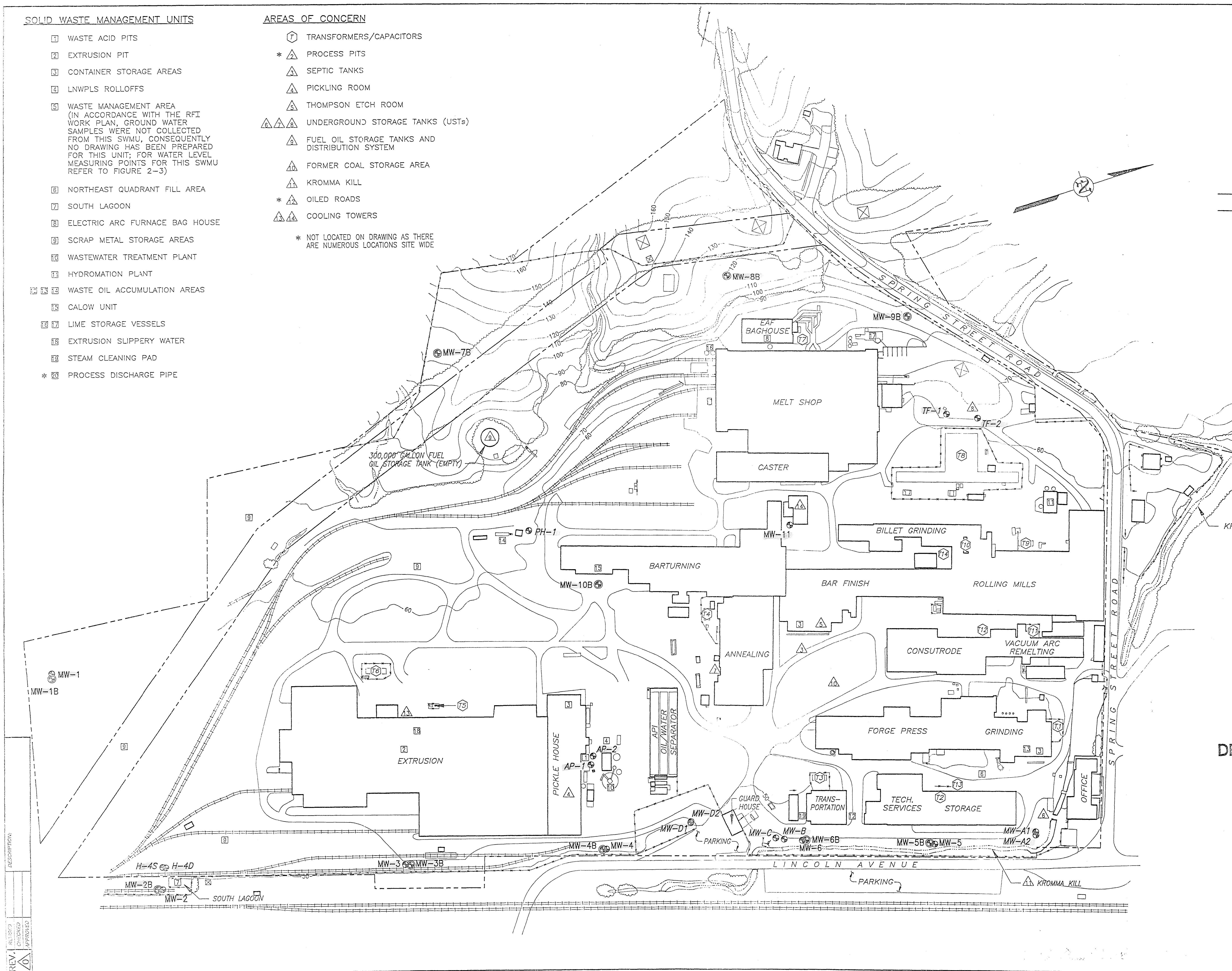
GROUND WATER SAMPLE LOCATIONS
MAIN PLANT AREA

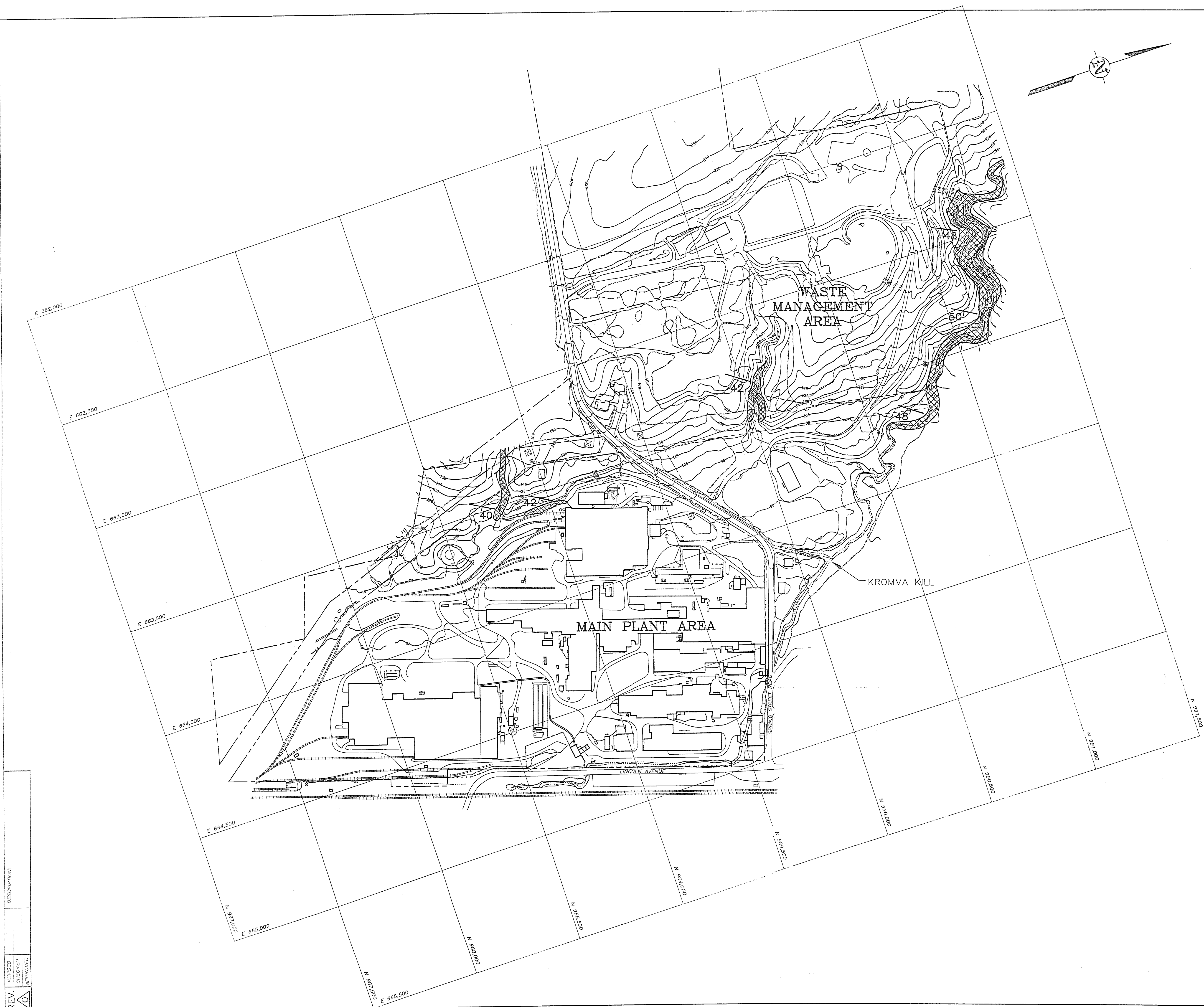
PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	J.S.S. 06/27/95	DRAWING NUMBER	94067-E21
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APPROVED			

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- LEGEND**
- PROPERTY LINE
 - UTILITY RIGHT-OF-WAY LINE
 - APPROXIMATE AREA OF BEDROCK OUTCROP
 - STRIKE AND DIP ORIENTATION IN DEGREES

DRAFT

- REFERENCES:**
1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 6025S1 THROUGH 6025S7.
 2. REMCOR, INC. DWG. No. 94067-E42/30131, DATED 06/20/95.
- SCALE, FEET**
- 0 200 400

FIGURE 2-6

BEDROCK OUTCROP LOCATIONS

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	RA2-06/20/95	DRAWING NUMBER 94067-E42
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REV.	REVISED	CHECKED	APPROVED

SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (BEDROCK SURFACE ELEVATION CONTOURS FOR THIS SWMU ARE SHOWN ON FIGURE 3-2)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 WASTE OIL ACCUMULATION AREAS
- 13 CALOW UNIT
- 14 LIME STORAGE VESSELS
- 15 EXTRUSION SLIPPERY WATER
- 16 STEAM CLEANING PAD
- * 17 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
- * 2 PROCESS PITS
- 3 SEPTIC TANKS
- 4 PICKLING ROOM
- 5 THOMPSON ETCH ROOM
- 6 UNDERGROUND STORAGE TANKS (USTs)
- 7 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- 8 FORMER COAL STORAGE AREA
- 9 KROMMA KILL
- * 10 OILED ROADS
- 11 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 1 TRANSFORMER/CAPACITOR LOCATION AND DESIGNATION
- MW-8 2 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B 3 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- TP-1 4 TEST PIT LOCATION AND DESIGNATION
- B-1 5 TEST BORING LOCATION AND DESIGNATION
- PZ-4 6 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- PZ-6B 7 BEDROCK PIEZOMETER LOCATION AND DESIGNATION
- [46.83] 8 BEDROCK SURFACE ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 50 9 BEDROCK SURFACE ELEVATION CONTOUR (DASHED WHERE INFERRED)
- 10 FENCE LINE
- 11 PROPERTY LINE
- 12 UTILITY RIGHT-OF-WAY LINE

NOTE:
SECTIONS A-A' THROUGH F-F' CAN BE FOUND ON FIGURES 3-3 THROUGH 3-8.

- REFERENCES:
1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93, SCALE: 1" = 200'.
 2. G.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
 3. REMCOR, INC. DWG. No. 94067-E22/28456, DATED 06/27/95.

DRAFT SCALE, FEET
100 0 100 200

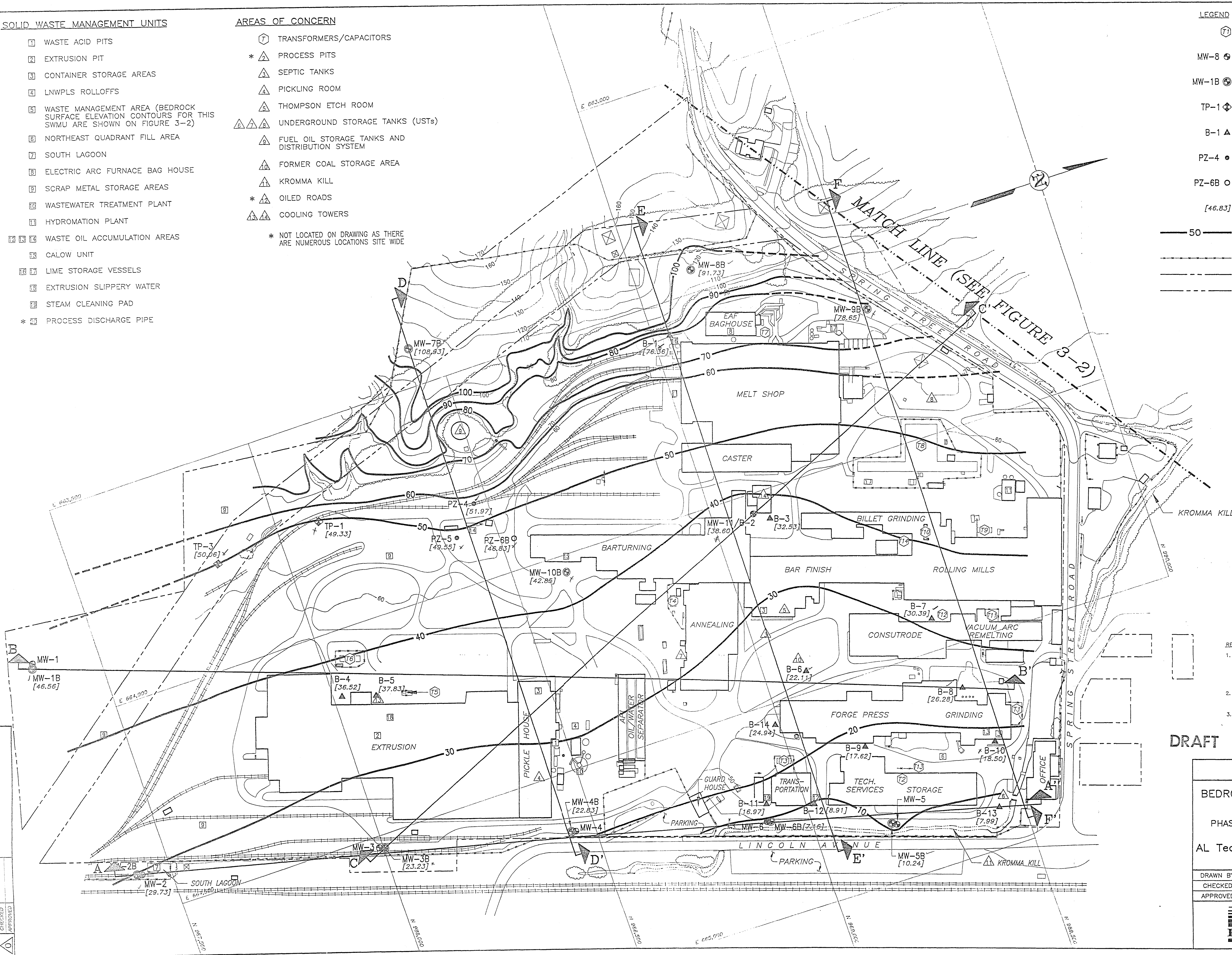
FIGURE 3-1

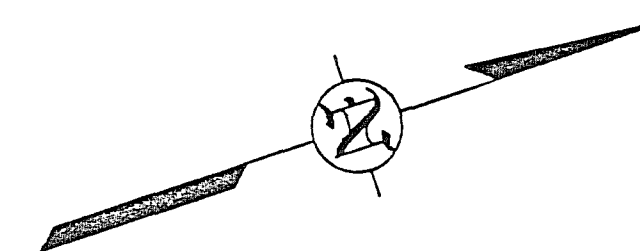
BEDROCK SURFACE CONTOUR MAP
MAIN PLANT AREA
PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	J.S.S. 06/27/95	DRAWING NUMBER	94067-E22
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LEGEND

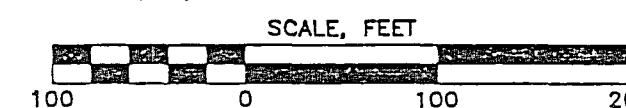
- MW-8 OVERBURDEN MONITORING WELL
LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL
LOCATION AND DESIGNATION
- [68.00] BEDROCK SURFACE ELEVATION IN
FEET ABOVE MEAN SEA LEVEL
- 30 BEDROCK SURFACE ELEVATION CONTOUR
(DASHED WHERE INFERRED)
- FENCE LINE
- PROPERTY LINE

NOTES:

1. ALL WELL LOCATIONS ARE APPROXIMATE.
2. SECTION C-C' CAN BE FOUND ON
FIGURE 3-5.
3. NO CONSTRUCTION INFORMATION IS
AVAILABLE FOR MW-5 OR MW-9;
THEY ARE BELIEVED TO MONITOR
BEDROCK AND OVERBURDEN,
RESPECTIVELY.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS
NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC
REFRACTION SURVEY, AL TECH SPECIALTY STEEL
CORPORATION LANDFILL, WATERVLIET, NEW YORK,"
DATED: DECEMBER 1992, PREPARED FOR:
McLAREN/HART ENVIRONMENTAL ENGINEERING
CORPORATION, FIGURE 2, DRAWING TITLED
"PLAN MAP WITH SURVEY COVERAGE."
3. REMCOR, INC., DWG. No. 94067-E23/28555,
DATED 06/21/95.



DRAFT FIGURE 3-2

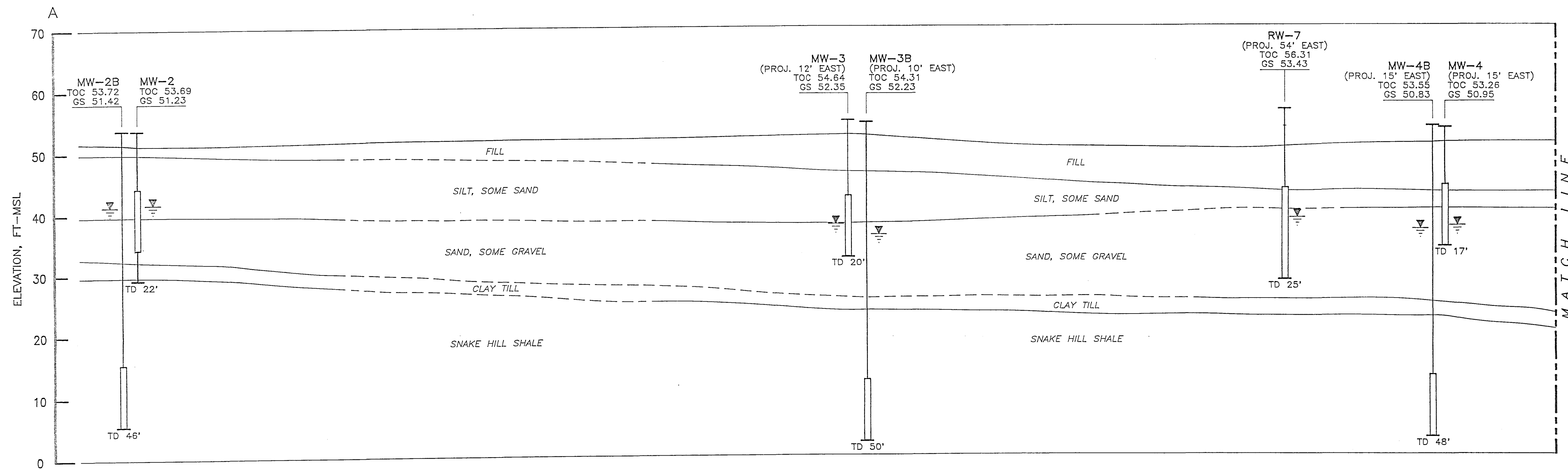
**BEDROCK SURFACE CONTOUR MAP
WASTE MANAGEMENT AREA**

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	J.S.S. 06/21/95	DRAWING NUMBER
CHECKED		94067-E23
APPROVED		28555

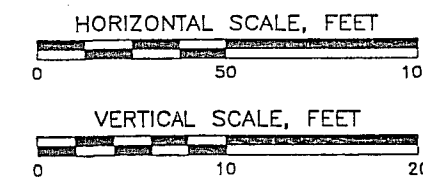
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REV.	DESCRIPTION
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2	CHECKED
3	APPROVED

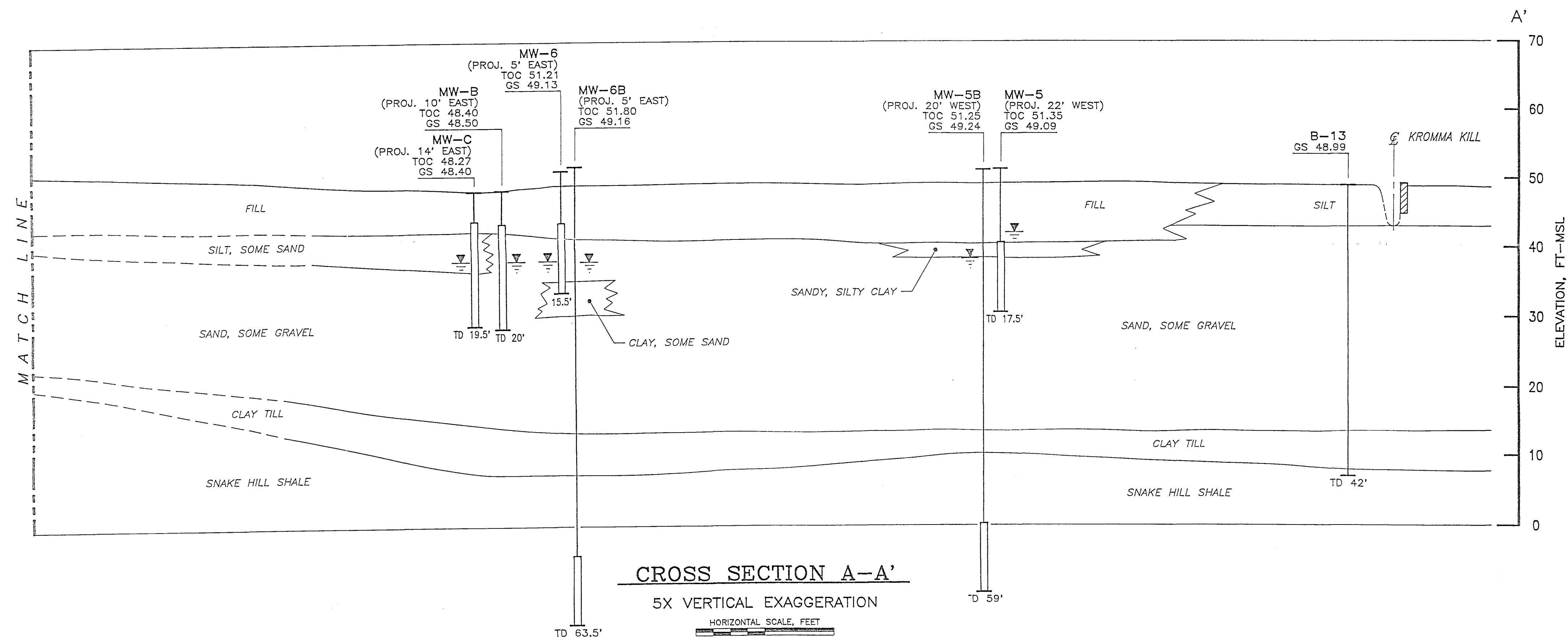
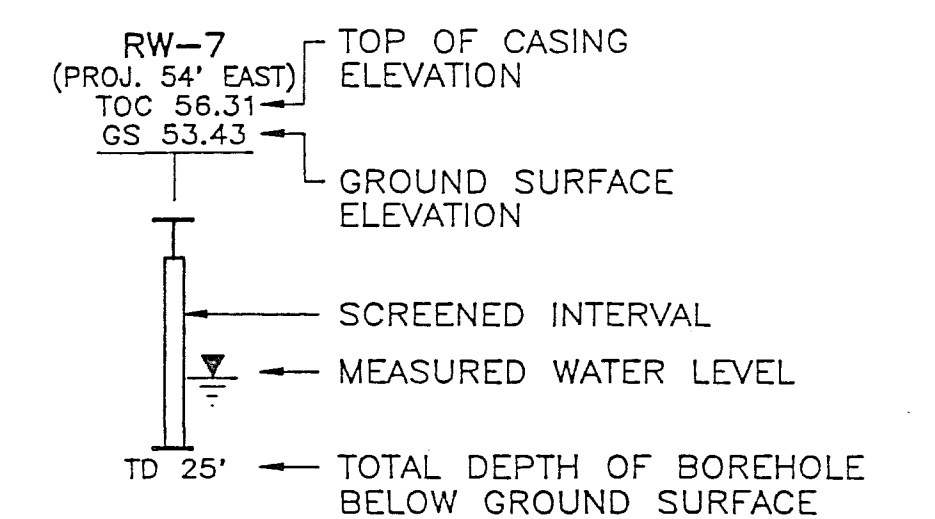


CROSS SECTION A-A'

5X VERTICAL EXAGGERATION

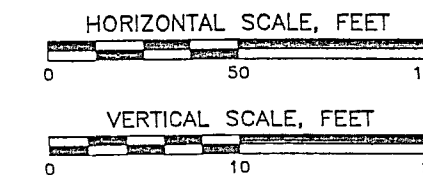


LEGEND



CROSS SECTION A-A'

5X VERTICAL EXAGGERATION



NOTES:

- THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIED LOCATIONS. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA AND WATER LEVELS HAVE BEEN INTERPOLATED BETWEEN THE BORINGS.
- ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ft-msl).
- TOPOGRAPHIC PROFILE IS APPROXIMATE AND DEVELOPED BASED ON KNOWN GROUND SURFACE ELEVATIONS AT EXISTING MONITORING WELLS.
- FOR CROSS SECTION LOCATION, SEE FIGURE 3-1, DRAWING NUMBER 94067-E22.
- GROUND WATER LEVELS MEASURED ON DECEMBER 14, AND 15, 1994.

REFERENCES:

REVCOR, INC. DWS. No. 94067-E30/28678,
DATED 06/21/95.

DRAFT

FIGURE 3-3

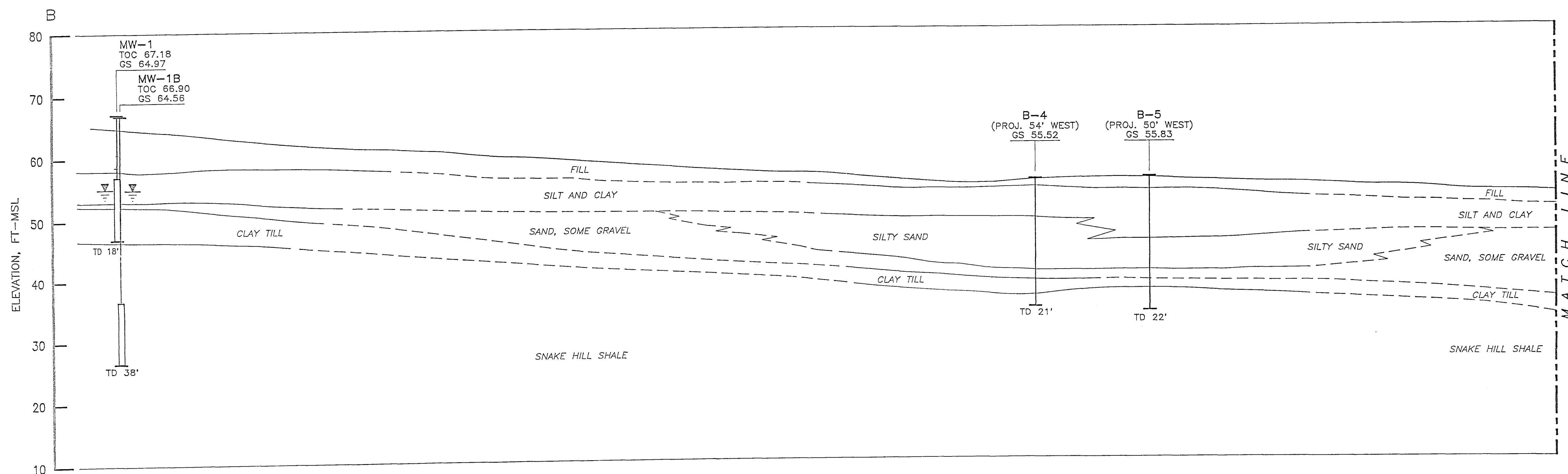
CROSS SECTION A-A'

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	J.S.S. 06/21/95	DRAWING NUMBER
CHECKED		94067-E30
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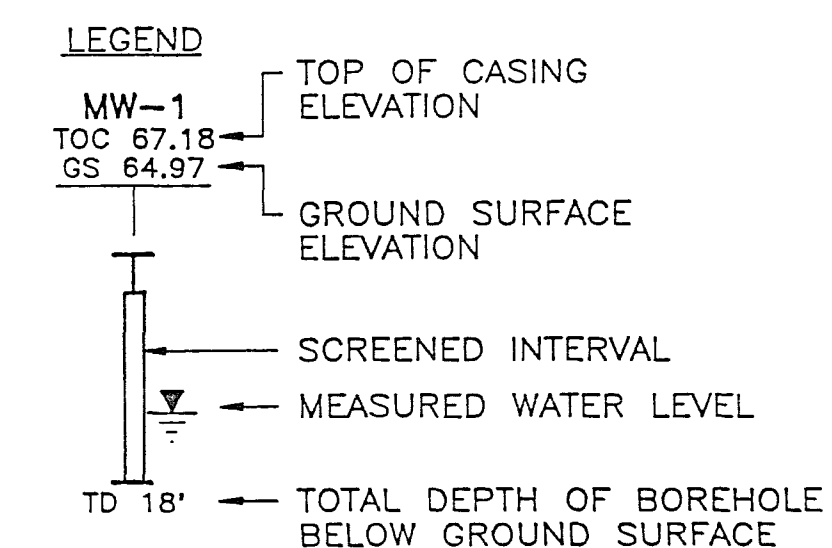
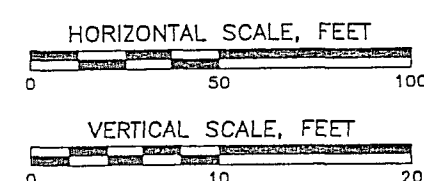


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CROSS SECTION B-B'

5X VERTICAL EXAGGERATION



- NOTES:**
- THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIED LOCATIONS. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA AND WATER LEVELS HAVE BEEN INTERPOLATED BETWEEN THE BORINGS.
 - ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ft-msl).
 - TOPOGRAPHIC PROFILE IS APPROXIMATE AND DEVELOPED BASED ON KNOWN GROUND SURFACE ELEVATIONS AT EXISTING MONITORING WELLS.
 - FOR CROSS SECTION LOCATION, SEE FIGURE 3-1, DRAWING NUMBER 94067-E22.
 - GROUND WATER LEVELS WERE MEASURED ON DECEMBER 14 AND 15, 1994.

REFERENCES:
REWCOR, INC. DWG. No. 94067-E31/28891,
DATED 06/21/95.

DRAFT

FIGURE 3-4

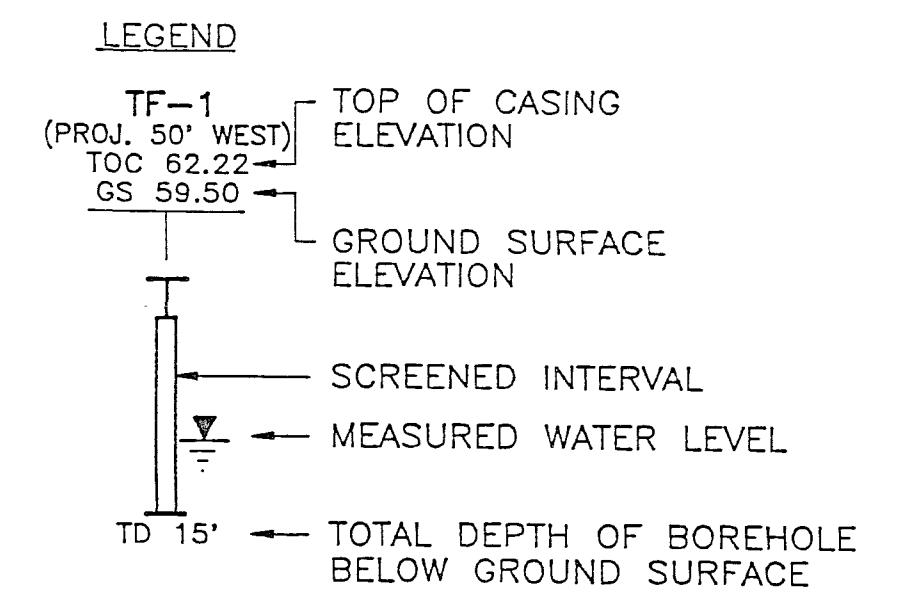
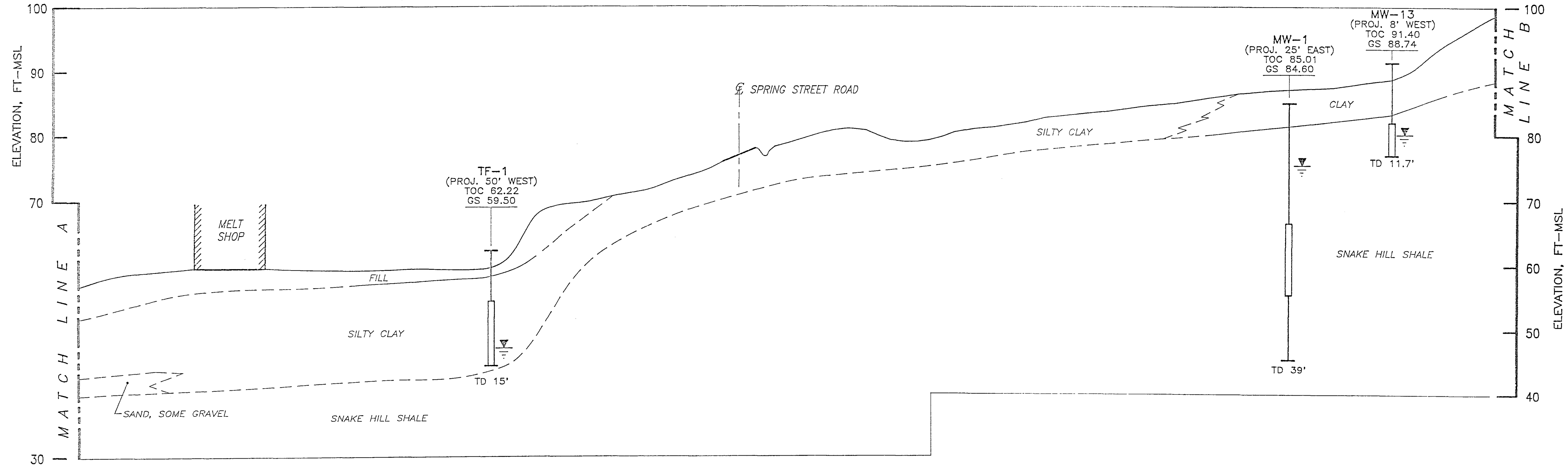
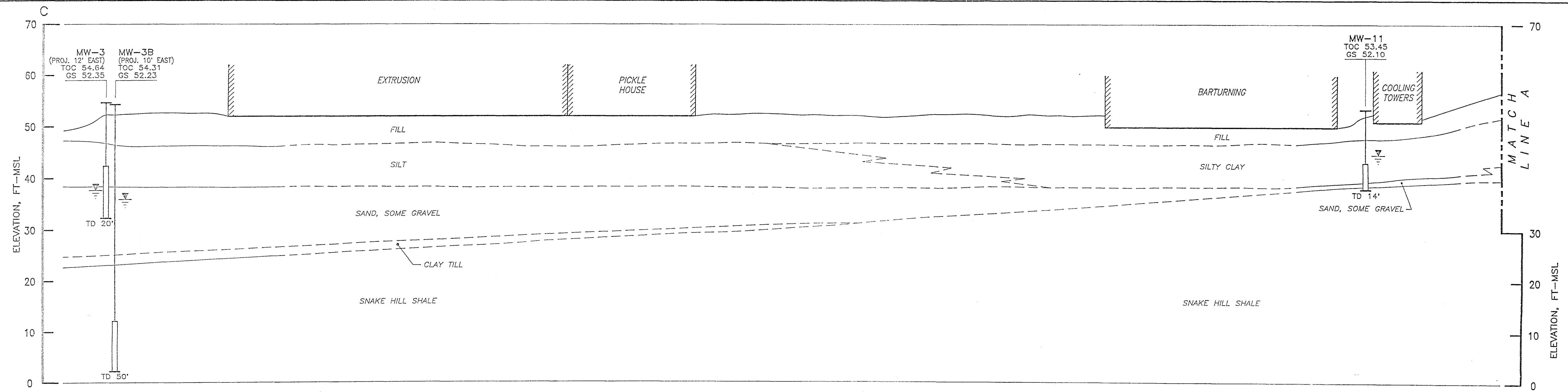
CROSS SECTION B-B'

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
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Watervliet, New York

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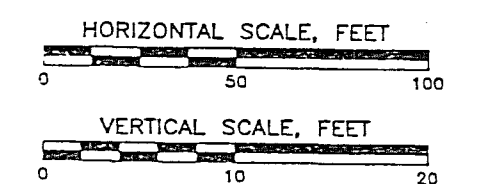
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- NOTES:**
- THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIED LOCATIONS. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA AND WATER LEVELS HAVE BEEN INTERPOLATED BETWEEN THE BORINGS.
 - ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ft-msl).
 - TOPOGRAPHIC PROFILE IS APPROXIMATE AND DEVELOPED BASED ON KNOWN GROUND SURFACE ELEVATIONS AT EXISTING MONITORING WELLS.
 - FOR CROSS SECTION LOCATION, SEE FIGURE 3-1 AND 3-2, DRAWING NUMBER 94067-E22 AND 94067-E23.
 - GROUND WATER LEVELS WERE MEASURED ON DECEMBER 14 AND 15, 1994.
 - WELL MW-15 IS DRY.

REFERENCES:
 REMCOR, INC. DWG. No. 94067-E32/29740,
 DATED 06/22/95.

5X VERTICAL EXAGGERATION



DRAFT

FIGURE 3-5

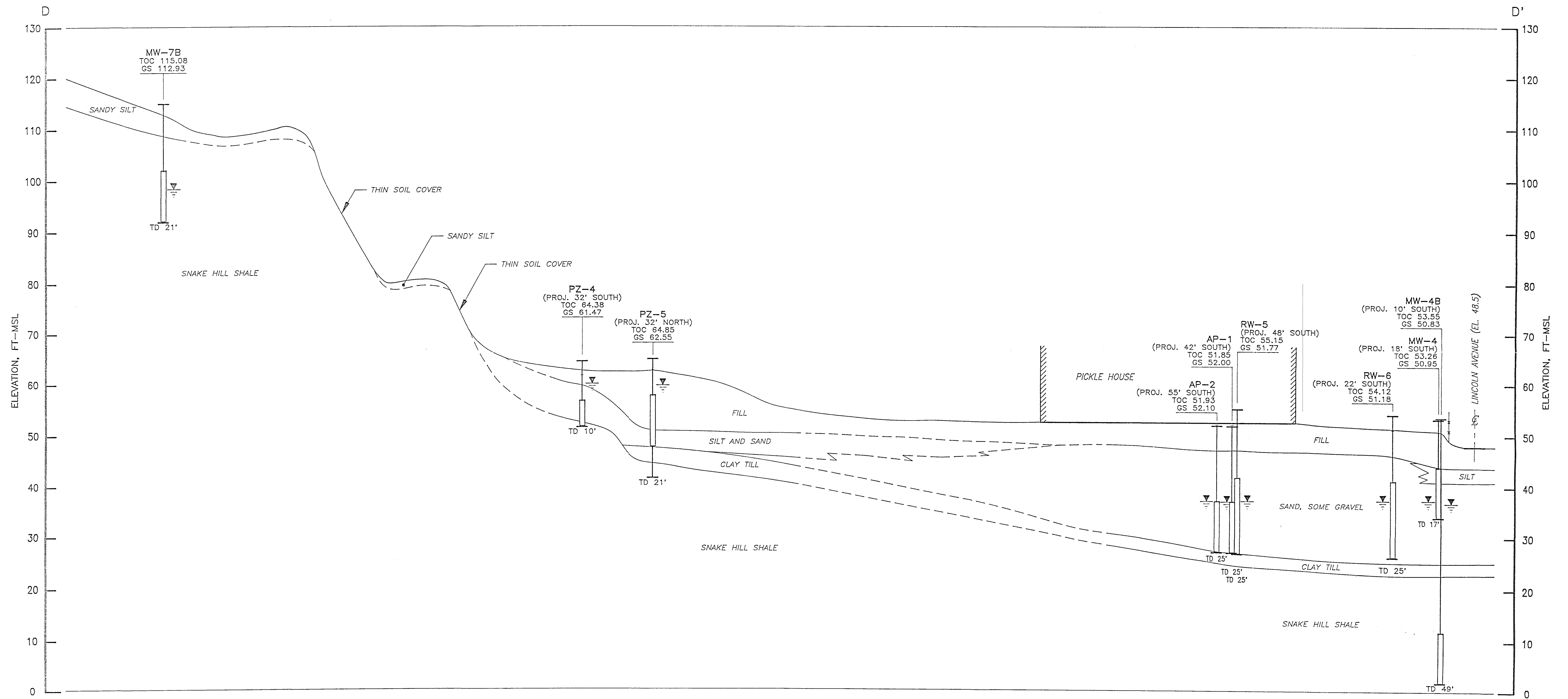
CROSS SECTION C-C'

PHASE I RCRA FACILITY INVESTIGATION
 PREPARED FOR
 AL Tech Specialty Steel Corporation
 Watervliet, New York

DRAWN BY	J.S.S. 06/22/95	DRAWING NUMBER
		94067-E32

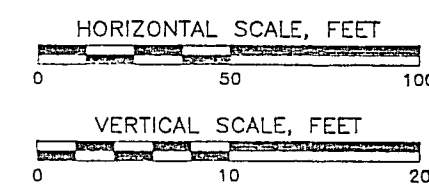
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CROSS SECTION D-D'

5X VERTICAL EXAGGERATION



REFERENCES:
REMCON, INC. DWG. No. 94067-E33/28908,
DATED 06/21/95.

NOTES:

1. THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIED LOCATIONS. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA AND WATER LEVELS HAVE BEEN INTERPOLATED BETWEEN THE BORINGS.
2. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ft-msl).
3. TOPOGRAPHIC PROFILE IS APPROXIMATE AND DEVELOPED BASED ON KNOWN GROUND SURFACE ELEVATIONS AT EXISTING MONITORING WELLS.
4. FOR CROSS SECTION LOCATION, SEE FIGURE 3-1, DRAWING NUMBER 94067-E22.
5. GROUND WATER LEVELS WERE MEASURED ON DECEMBER 14 AND 15, 1994.

LEGEND

- TOP OF CASING ELEVATION
- GROUND SURFACE ELEVATION
- SCREENED INTERVAL
- MEASURED WATER LEVEL
- TOTAL DEPTH OF BOREHOLE BELOW GROUND SURFACE

DRAFT

FIGURE 3-6

CROSS SECTION D-D'

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

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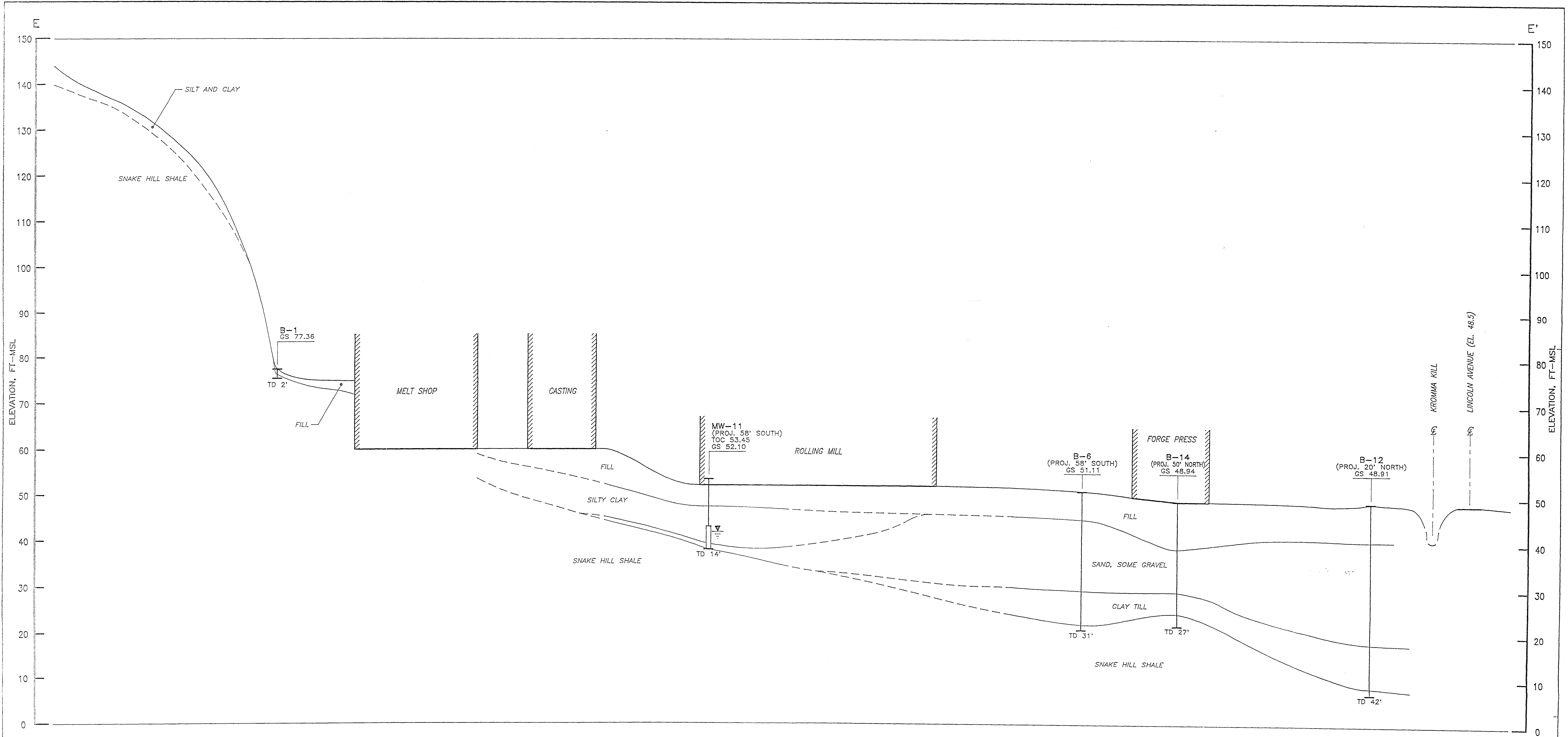
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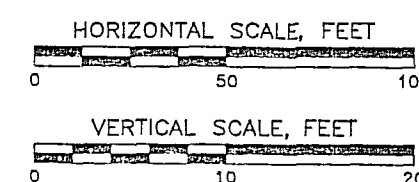
DESCRIPTION:

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CROSS SECTION E-E'

5X VERTICAL EXAGGERATION



REFERENCES:
REMCO, INC. DWG. No. 94067-E34/28958,
DATED 06/20/95.

DRAFT

NOTES:

1. THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIED LOCATIONS. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA AND WATER LEVELS HAVE BEEN INTERPOLATED BETWEEN THE BORINGS.
2. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ft-msl).
3. TOPOGRAPHIC PROFILE IS APPROXIMATE AND DEVELOPED BASED ON KNOWN GROUND SURFACE ELEVATIONS AT EXISTING MONITORING WELLS.
4. FOR CROSS SECTION LOCATION, SEE FIGURE 3-1, DRAWING NUMBER 94067-E22.
5. GROUND WATER LEVELS WERE MEASURED ON DECEMBER 14 AND 15, 1994.

LEGEND

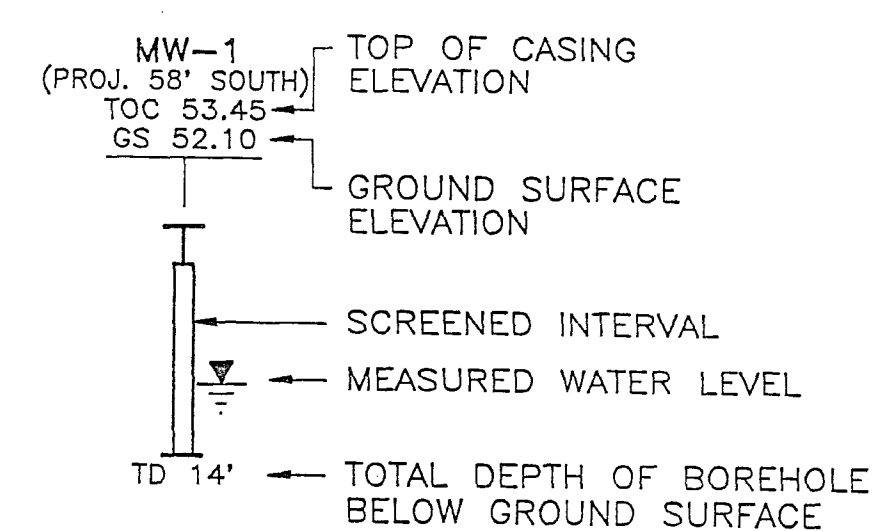


FIGURE 3-7

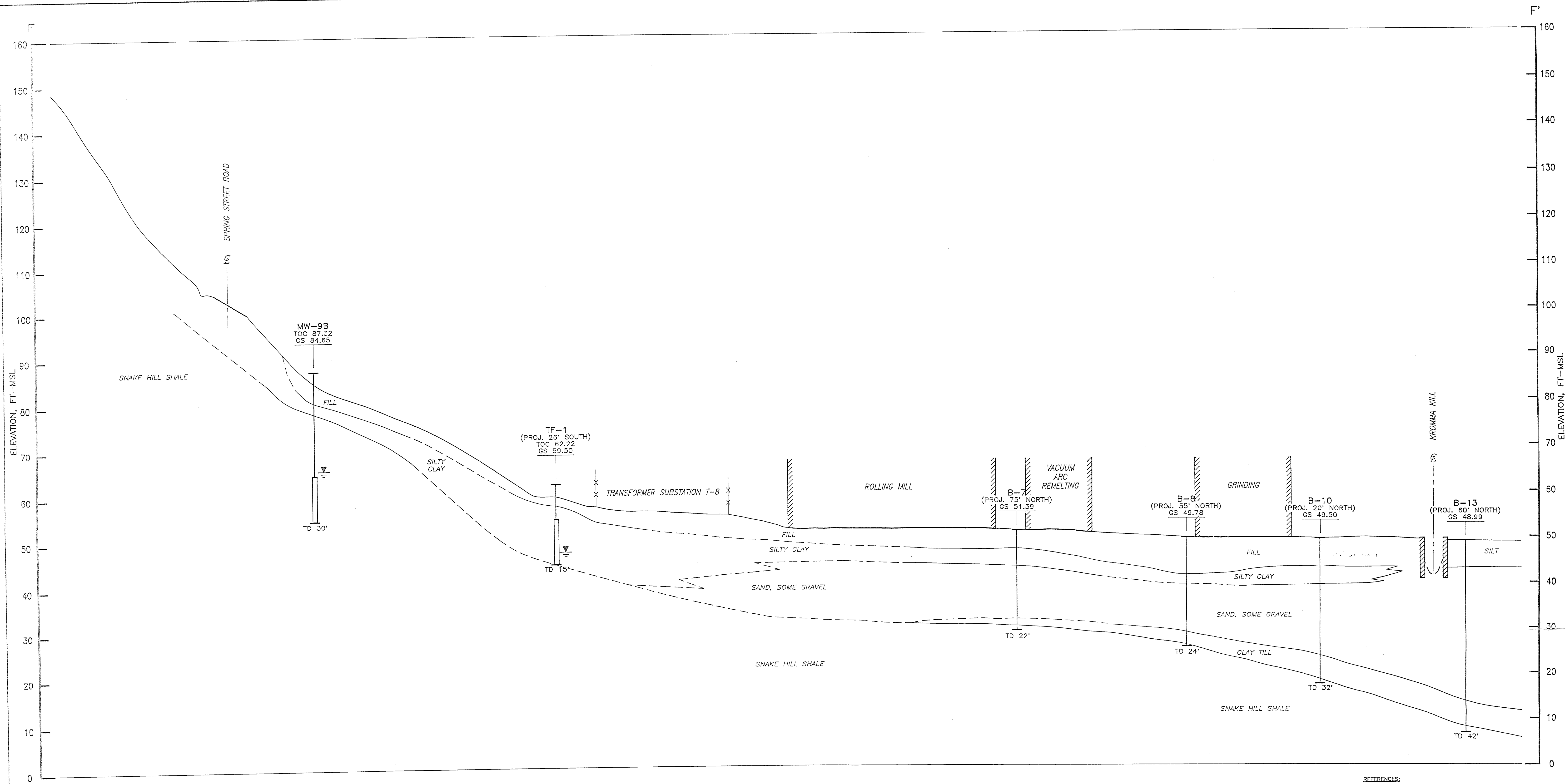
CROSS SECTION E-E'

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NOTES:

1. THE BORING LOGS AND RELATED INFORMATION DEPICT SUBSURFACE CONDITIONS ONLY AT THE SPECIFIED LOCATIONS. THE DEPTH AND THICKNESS OF THE SUBSURFACE STRATA AND WATER LEVELS HAVE BEEN INTERPOLATED BETWEEN THE BORINGS.
2. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ft-msl).
3. TOPOGRAPHIC PROFILE IS APPROXIMATE AND DEVELOPED BASED ON KNOWN GROUND SURFACE ELEVATIONS AT EXISTING MONITORING WELLS.
4. FOR CROSS SECTION LOCATION, SEE FIGURE 3-1, DRAWING NUMBER 94067-E22.
5. GROUND WATER LEVELS WERE MEASURED ON DECEMBER 14 AND 15, 1994.

REFERENCES:
REMCOR, INC. DWG. No. 94067-E35/29362,
DATED 06/21/95.

DRAFT

FIGURE 3-8

CROSS SECTION F-F'

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

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SOLID WASTE MANAGEMENT UNITS

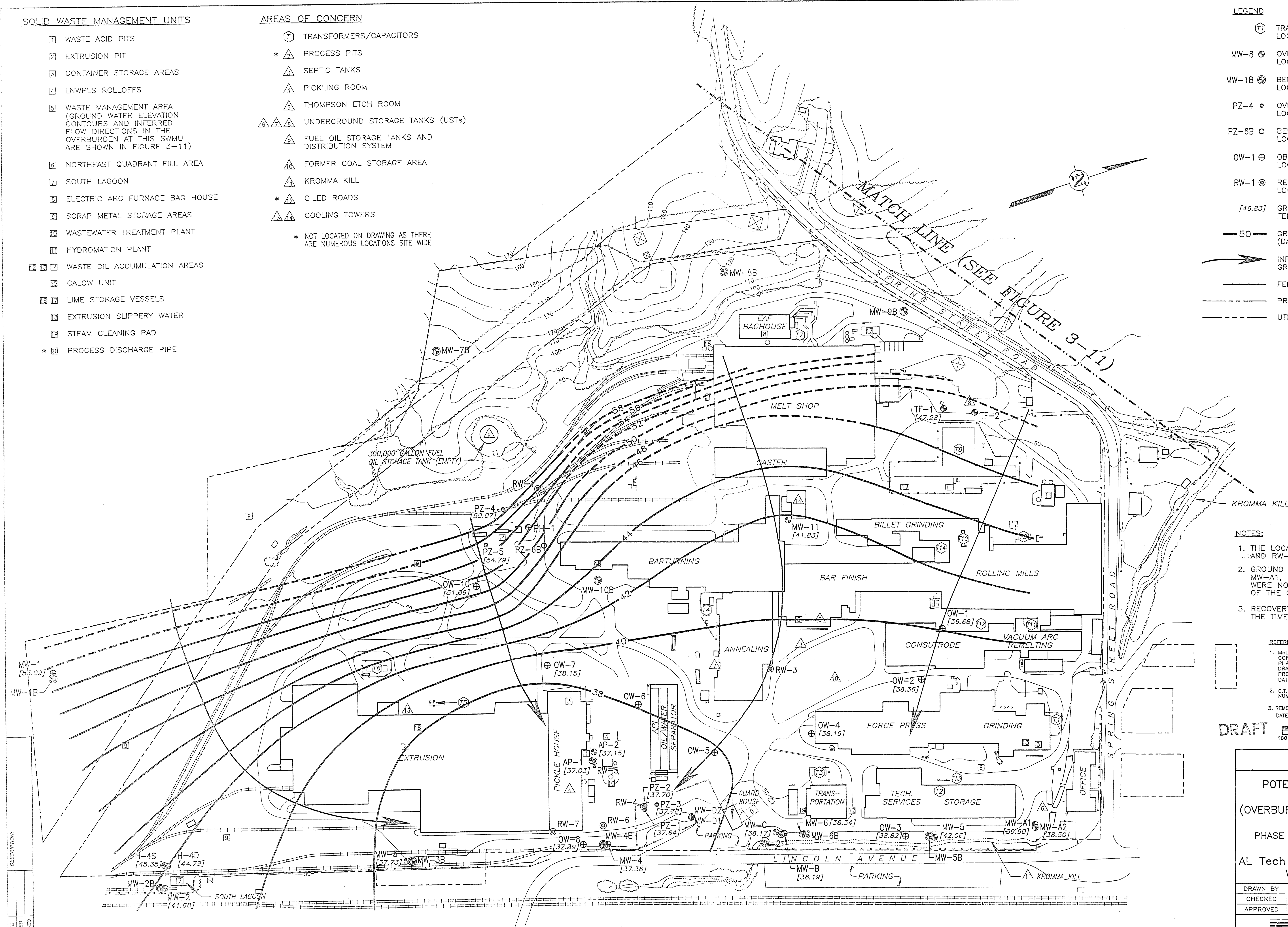
- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (GROUND WATER ELEVATION CONTOURS AND INFERRED FLOW DIRECTIONS IN THE OVERBURDEN AT THIS SWMU ARE SHOWN IN FIGURE 3-11)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 WASTE OIL ACCUMULATION AREAS
- 13 CALOW UNIT
- 14 LIME STORAGE VESSELS
- 15 EXTRUSION SLIPPERY WATER
- 16 STEAM CLEANING PAD
- * 17 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
 - * 2 PROCESS PITS
 - 3 SEPTIC TANKS
 - 4 PICKLING ROOM
 - 5 THOMPSON ETCH ROOM
 - 6 UNDERGROUND STORAGE TANKS (USTs)
 - 7 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
 - 8 FORMER COAL STORAGE AREA
 - 9 KROMMA KILL
 - * 10 OILED ROADS
 - 11 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 17 TRANSFORMER/CAPACITOR LOCATION AND DESIGNATION
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- PZ-4 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- PZ-6B BEDROCK PIEZOMETER LOCATION AND DESIGNATION
- OW-1 OBSERVATION WELL LOCATION AND DESIGNATION
- RW-1 RECOVERY WELL LOCATION AND DESIGNATION
- [46.83] GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 50 GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE



NOTES:

1. THE LOCATIONS FOR AP-1, AP-2, RW-1, AND RW-3 ARE APPROXIMATE.
2. GROUND WATER ELEVATIONS FOR OW-1, MW-A1, MW-5, H-4S, AND H-4D WERE NOT USED IN THE DEVELOPMENT OF THE CONTOURS.
3. RECOVERY WELL RW-3 WAS NOT PUMPING AT THE TIME OF WATER LEVEL MEASUREMENTS.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 3-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E24/28562, DATED 06/27/95.

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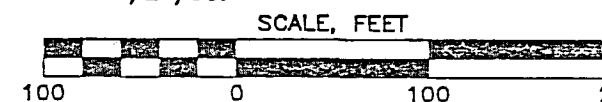


FIGURE 3-9

POTENTIOMETRIC SURFACE MAP MAIN PLANT AREA (OVERBURDEN - DECEMBER 14, 1994)

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

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SOLID WASTE MANAGEMENT UNITS

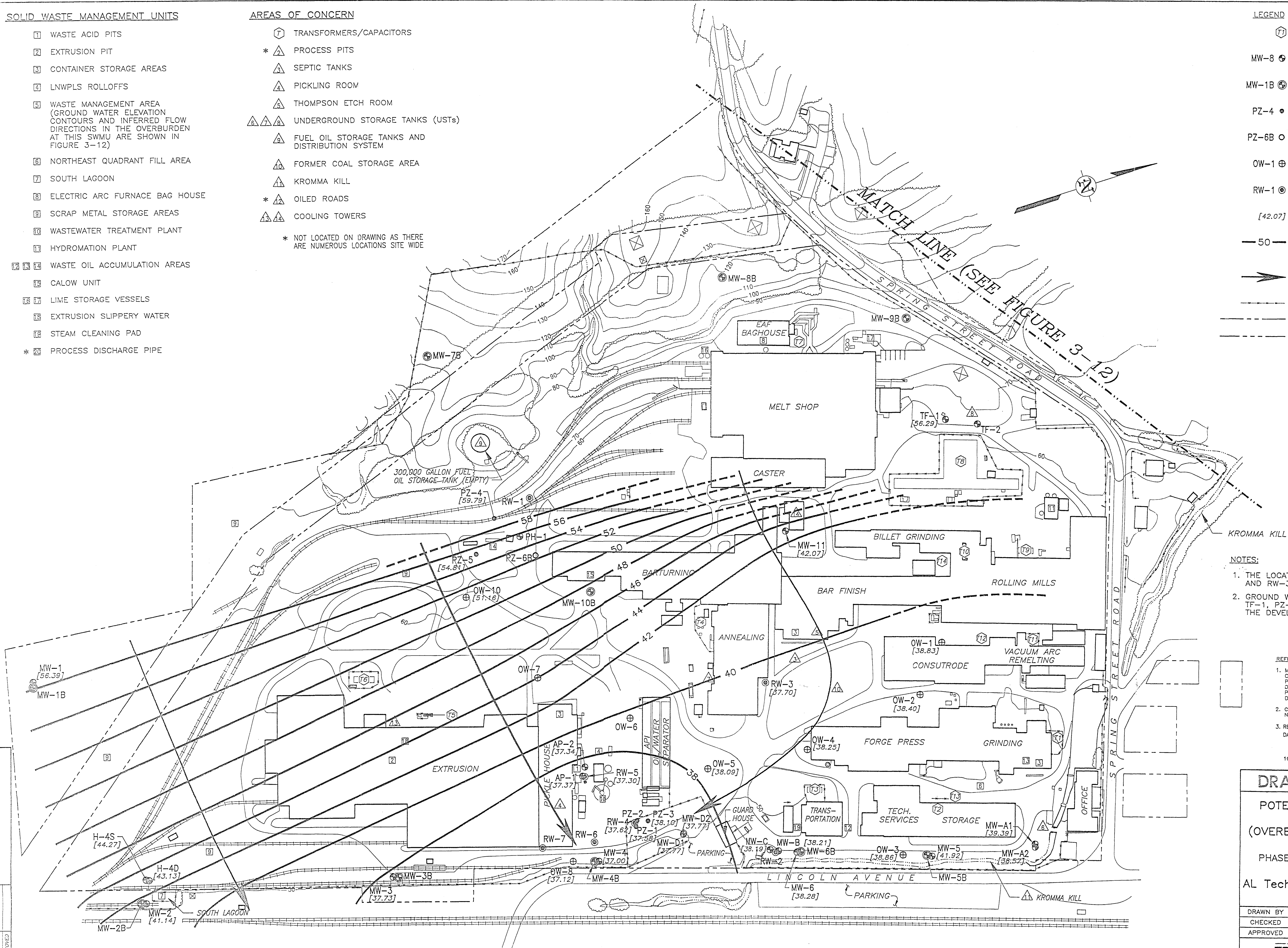
- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWLPS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (GROUND WATER ELEVATION CONTOURS AND INFERRED FLOW DIRECTIONS IN THE OVERBURDEN AT THIS SWMU ARE SHOWN IN FIGURE 3-12)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 7 TRANSFORMERS/CAPACITORS
- * 2 PROCESS PITS
- 3 SEPTIC TANKS
- 4 PICKLING ROOM
- 5 THOMPSON ETCH ROOM
- 6 UNDERGROUND STORAGE TANKS (USTs)
- 7 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- 8 FORMER COAL STORAGE AREA
- 9 KROMMA KILL
- * 10 OILED ROADS
- 11 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 7 TRANSFORMER/CAPACITOR LOCATION AND DESIGNATION
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- PZ-4 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- PZ-6B BEDROCK PIEZOMETER LOCATION AND DESIGNATION
- OW-1 OBSERVATION WELL LOCATION AND DESIGNATION
- RW-1 RECOVERY WELL LOCATION AND DESIGNATION
- [42.07] GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 50- GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

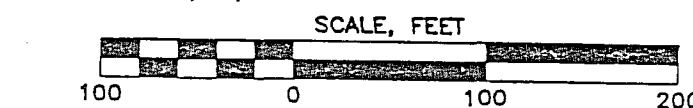


NOTES:

- THE LOCATIONS FOR AP-1, AP-2, RW-1, AND RW-3 ARE APPROXIMATE.
- GROUND WATER ELEVATIONS FROM MW-5, H-4S, TF-1, PZ-3 AND RW-3 WERE NOT USED IN THE DEVELOPMENT OF THE CONTOURS.

REFERENCES:

- McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
- C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
- REMCOR, INC. DWG. No. 94067-E40/29886, DATED 06/24/95.



DRAFT FIGURE 3-10

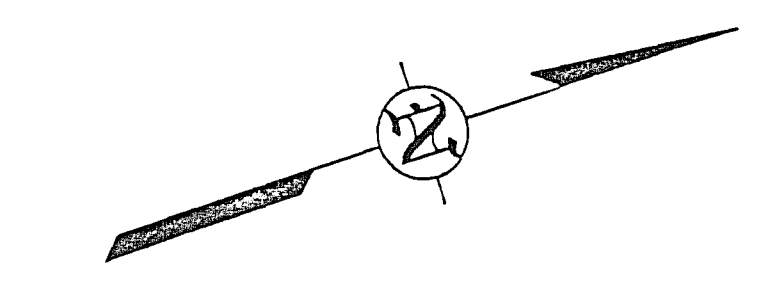
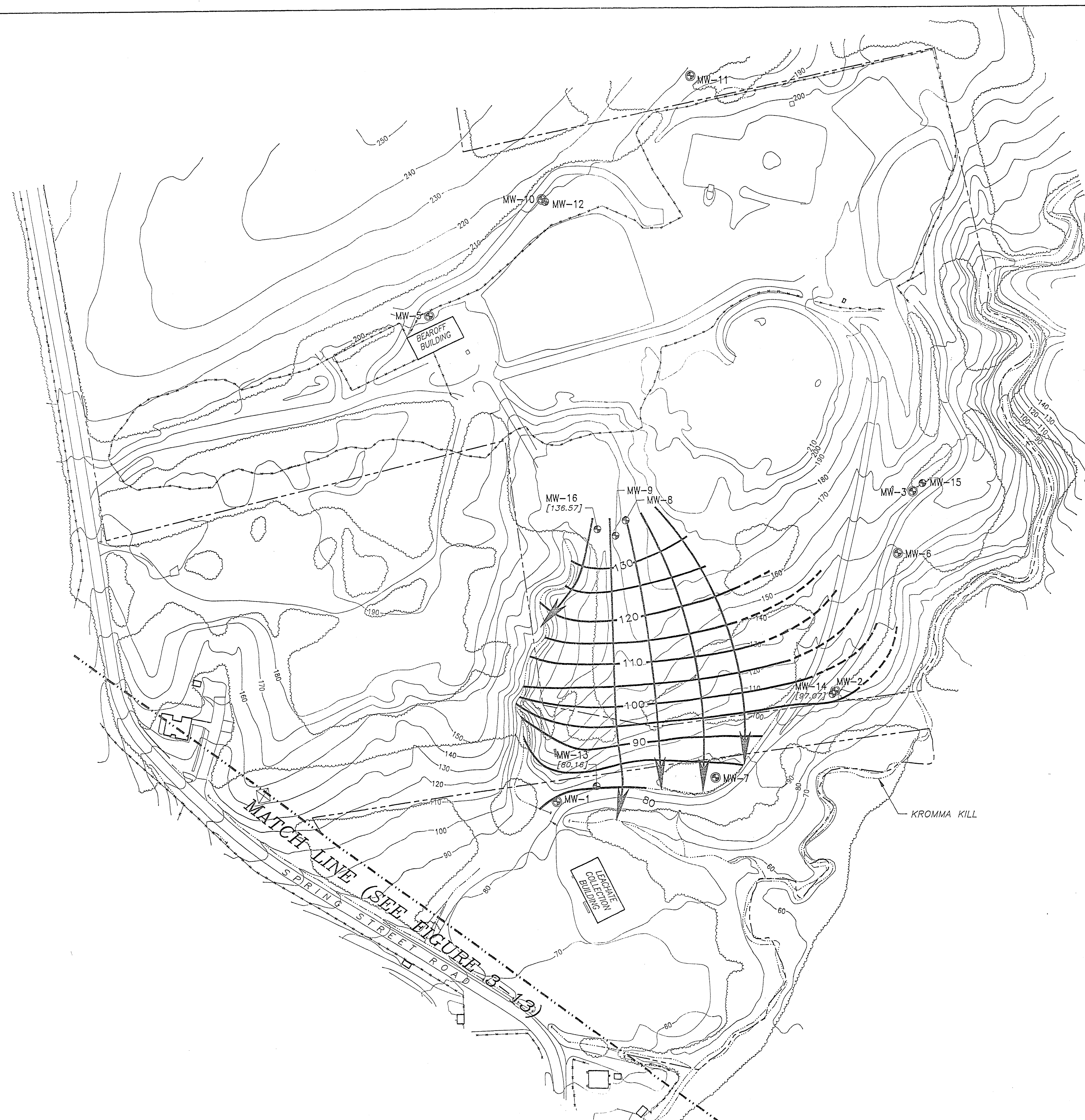
POTENTIOMETRIC SURFACE MAP MAIN PLANT AREA (OVERBURDEN - MARCH 4, 1995)

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

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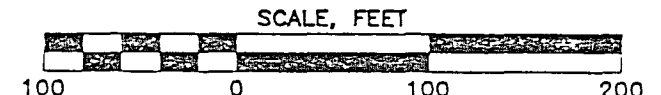
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- [75.53] GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 100— GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- +—+— FENCE LINE
- - - - - PROPERTY LINE

NOTES:

1. ALL WELL LOCATIONS ARE APPROXIMATE.
2. NO CONSTRUCTION INFORMATION IS AVAILABLE FOR MW-5 OR MW-9; THEY ARE BELIEVED TO MONITOR BEDROCK AND OVERBURDEN, RESPECTIVELY.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR: McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED "PLAN, MAP WITH SURVEY COVERAGE."
3. REMCOR, INC. DWG. No. 94067-E25/28607, DATED 06/22/95.



DRAFT FIGURE 3-11

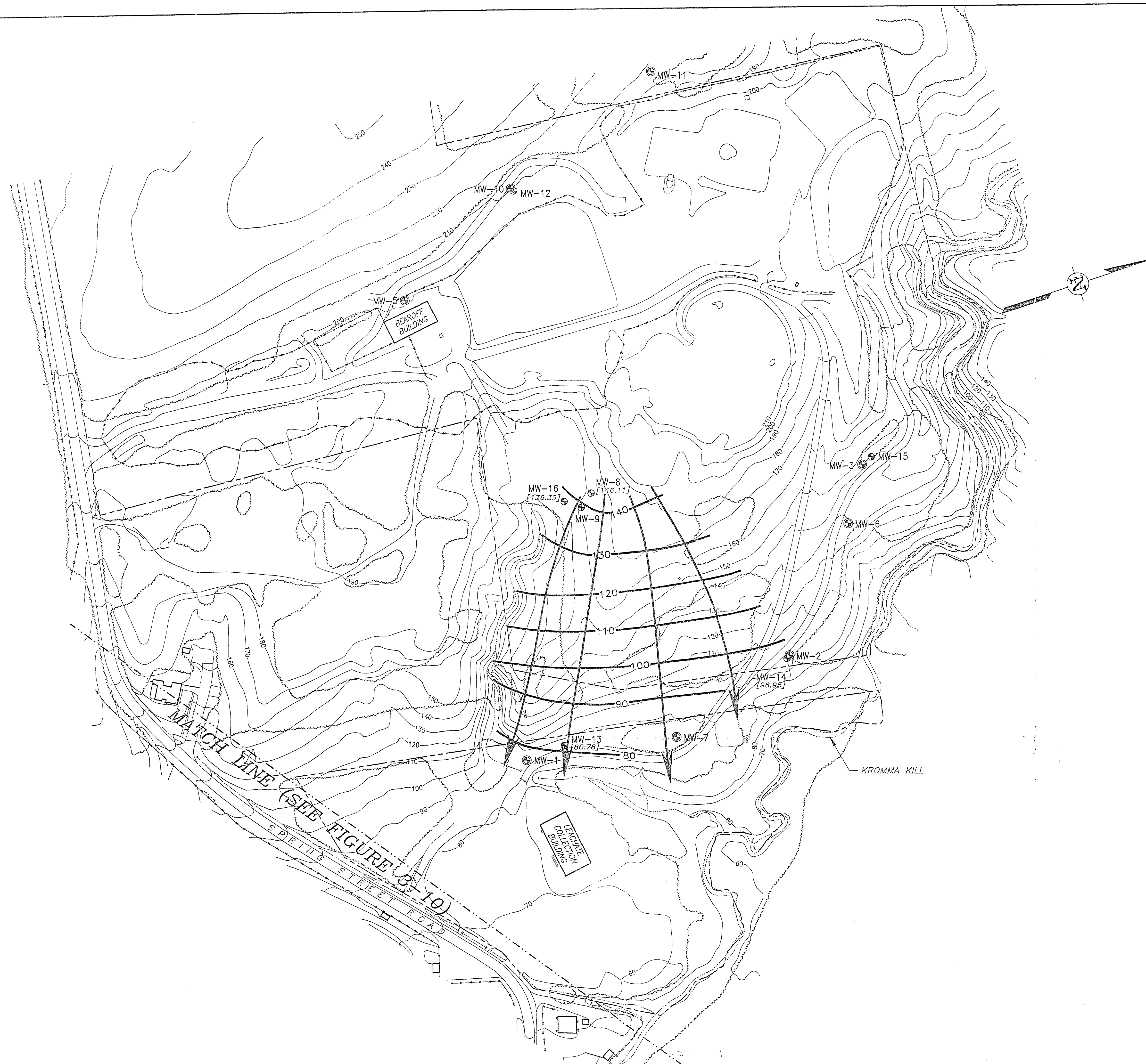
POTENTIOMETRIC SURFACE MAP
WASTE MANAGEMENT AREA
(OVERBURDEN - DECEMBER 15, 1994)

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	J.S.S. 06'22'95	DRAWING NUMBER
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APPROVED		28607

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REV.	DESCRIPTION



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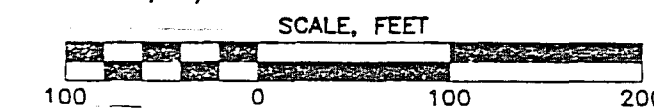
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- [75.53] GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 100— GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- — — FENCE LINE
- - - - - PROPERTY LINE

NOTES:

1. ALL WELL LOCATIONS ARE APPROXIMATE.
2. NO CONSTRUCTION INFORMATION IS AVAILABLE FOR MW-5 OR MW-9; THEY ARE BELIEVED TO MONITOR BEDROCK AND OVERBURDEN, RESPECTIVELY.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR: MCLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED "PLAN MAP WITH SURVEY COVERAGE."
3. REMCOR, INC. DWG. No. 94067-E41/29903, DATED 06/22/95.



DRAFT FIGURE 3-12

POTENTIOMETRIC SURFACE MAP
WASTE MANAGEMENT AREA
(OVERBURDEN - MARCH 4, 1995)

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY JER 06'22'95
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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWLPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (GROUND WATER ELEVATION CONTOURS AND INFERRED FLOW DIRECTIONS IN THE BEDROCK AT THIS SWMU ARE SHOWN IN FIGURE 3-15)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 WASTE OIL ACCUMULATION AREAS
- 13 CALOW UNIT
- 14 LIME STORAGE VESSELS
- 15 EXTRUSION SLIPPERY WATER
- 16 STEAM CLEANING PAD
- * 17 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
 - * 2 PROCESS PITS
 - 3 SEPTIC TANKS
 - 4 PICKLING ROOM
 - 5 THOMPSON ETCH ROOM
 - 6 UNDERGROUND STORAGE TANKS (USTs)
 - 7 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
 - 8 FORMER COAL STORAGE AREA
 - 9 KROMMA KILL
 - * 10 OILED ROADS
 - 11 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

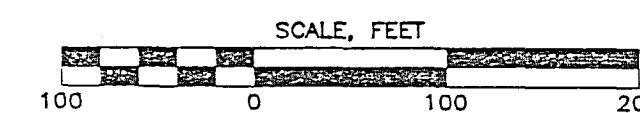
- 17 TRANSFORMER/CAPACITOR LOCATION AND DESIGNATION
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- PZ-4 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- PZ-6B BEDROCK PIEZOMETER LOCATION AND DESIGNATION
- OW-1 OBSERVATION WELL LOCATION AND DESIGNATION
- RW-1 RECOVERY WELL LOCATION AND DESIGNATION
- [55.00] GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 40 GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

NOTE:

THE LOCATIONS FOR AP-1, AP-2, RW-1, AND RW-3 ARE APPROXIMATE.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E26/28639, DATED 06/22/95.



DRAFT FIGURE 3-13

POTENTIOMETRIC SURFACE MAP
MAIN PLANT AREA
(BEDROCK - DECEMBER 14, 1994)

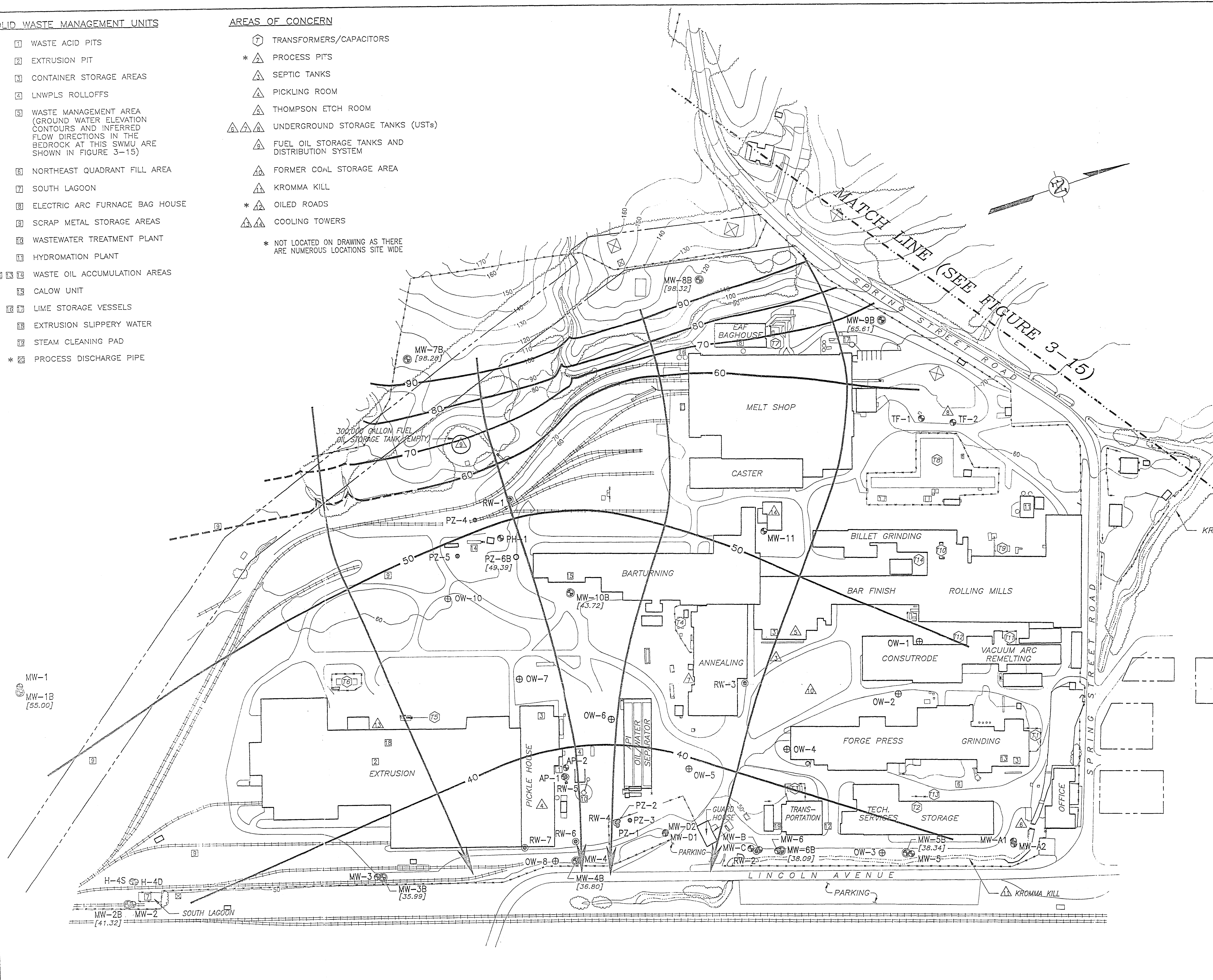
PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (GROUND WATER ELEVATION CONTOURS AND INFERRED FLOW DIRECTIONS IN THE BEDROCK AT THIS SWMU ARE SHOWN ON FIGURE 3-16)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
- * 2 PROCESS PITS
- 3 SEPTIC TANKS
- 4 PICKLING ROOM
- 5 THOMPSON ETCH ROOM
- 6 7 UNDERGROUND STORAGE TANKS (USTs)
- 8 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- 9 FORMER COAL STORAGE AREA
- 10 KROMMA KILL
- * 11 OILED ROADS
- 12 13 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

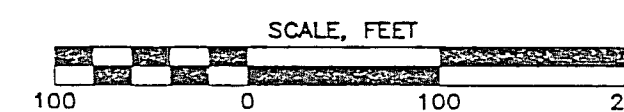
- 1 TRANSFORMER/CAPACITOR LOCATION AND DESIGNATION
- MW-8 2 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B 3 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- PZ-4 4 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- PZ-6B 5 BEDROCK PIEZOMETER LOCATION AND DESIGNATION
- OW-1 6 OBSERVATION WELL LOCATION AND DESIGNATION
- RW-1 7 RECOVERY WELL LOCATION AND DESIGNATION
- [99.86] 8 GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 40 — 9 GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- 10 INFERRED DIRECTION OF GROUND WATER FLOW
- — — — — 11 FENCE LINE
- — — — — 12 PROPERTY LINE
- — — — — 13 UTILITY RIGHT-OF-WAY LINE

NOTE:

THE LOCATIONS FOR AP-1, AP-2, RW-1, AND RW-3 ARE APPROXIMATE.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-8-93, SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E43/29926, DATED 06/22/95.



DRAFT FIGURE 3-14

POTENTIOMETRIC SURFACE MAP
MAIN PLANT AREA
(BEDROCK - MARCH 4, 1995)

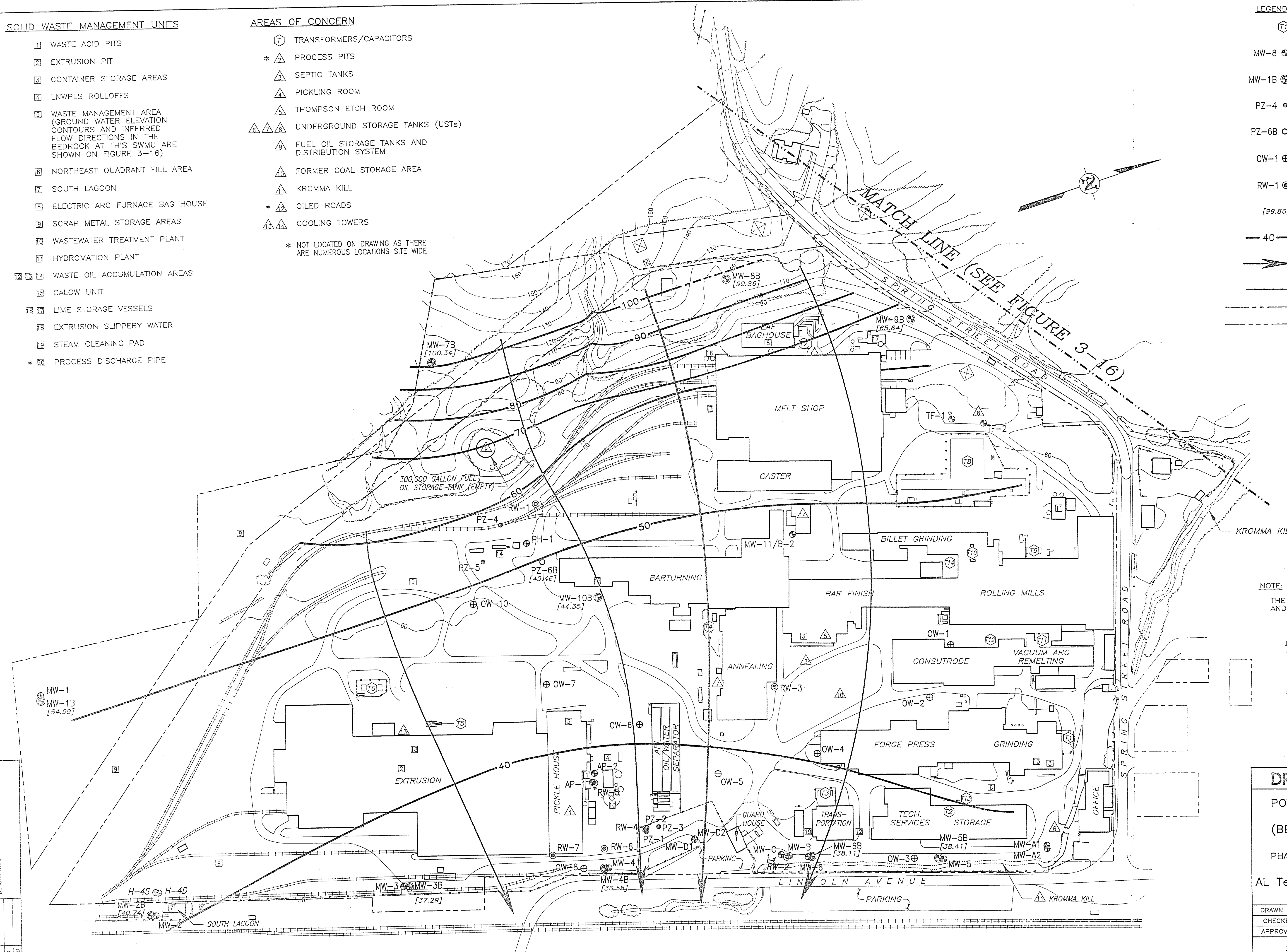
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Watervliet, New York

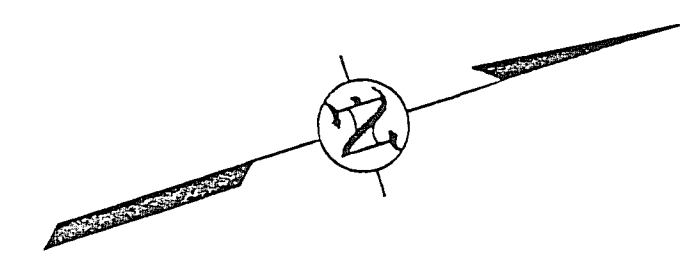
DRAWN BY	JER 06/22/95	DRAWING NUMBER
CHECKED		94067-E43
APPROVED		

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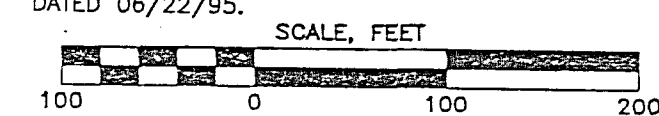
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- [67.82] GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 70 — GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- FENCE LINE
- PROPERTY LINE

NOTES:

1. ALL WELL LOCATIONS ARE APPROXIMATE.
2. NO CONSTRUCTION INFORMATION IS AVAILABLE FOR MW-5 OR MW-9; THEY ARE BELIEVED TO MONITOR BEDROCK AND OVERBURDEN, RESPECTIVELY.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED "PLAN MAP WITH SURVEY COVERAGE."
3. REMCOR, INC. DWG. No. 94067-E27/28648, DATED 06/22/95.



DRAFT FIGURE 3-15

POTENTIOMETRIC SURFACE MAP
WASTE MANAGEMENT AREA
(BEDROCK - DECEMBER 15, 1994)

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Watervliet, New York

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REV.	DESCRIPTION



LEGEND

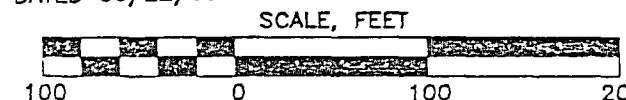
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- [63.15] GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 70 — GROUND WATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- INFERRED DIRECTION OF GROUND WATER FLOW
- — — — — FENCE LINE
- — — — — PROPERTY LINE

NOTES:

1. ALL WELL LOCATIONS ARE APPROXIMATE.
2. NO CONSTRUCTION INFORMATION IS AVAILABLE FOR MW-5 OR MW-9; THEY ARE BELIEVED TO MONITOR BEDROCK AND OVERBURDEN, RESPECTIVELY.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR: McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED "PLAN MAP WITH SURVEY COVERAGE."
3. REMCOR, INC. DWG. No. 94067-E44/29920, DATED 06/22/95.



DRAFT FIGURE 3-16

POTENTIOMETRIC SURFACE MAP
WASTE MANAGEMENT AREA
(BEDROCK - MARCH 4, 1995)

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
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Watervliet, New York

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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWLPS ROLLOFFS
- 5 WASTE MANAGEMENT AREA
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- 7 TRANSFORMERS/CAPACITORS
 - * 1 PROCESS PITS
 - 1 SEPTIC TANKS
 - 1 PICKLING ROOM
 - 1 THOMPSON ETCH ROOM
 - 6 1 UNDERGROUND STORAGE TANKS (USTs)
 - 1 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
 - 1 FORMER COAL STORAGE AREA
 - 1 KROMMA KILL
 - * 1 OILED ROADS
 - 1 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

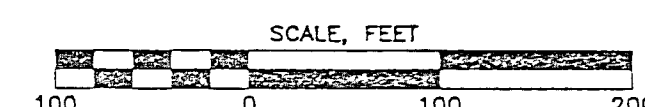
- 7 TRANSFORMER/CAPACITOR LOCATION AND DESIGNATION
- BS-1 1 BACKGROUND SURFACE SOIL SAMPLE LOCATION AND DESIGNATION
- B-1 1 TEST BORING LOCATION AND DESIGNATION
- TP-1 1 TEST PIT LOCATION AND DESIGNATION
- MW-8 1 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B 1 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- PZ-4 1 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
- PZ-6B 1 BEDROCK PIEZOMETER LOCATION AND DESIGNATION
- OW-1 1 OBSERVATION WELL LOCATION AND DESIGNATION
- RW-1 1 RECOVERY WELL LOCATION AND DESIGNATION
- 1 FENCE LINE
- 1 PROPERTY LINE
- 1 UTILITY RIGHT-OF-WAY LINE
- 1 BOUNDARY OF GENERALIZED REGIONS

NOTE:

THE LOCATIONS OF AP-1, AP-2, RW-1, AND RW-3 ARE APPROXIMATE.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E28/28668, DATED 06/24/95.

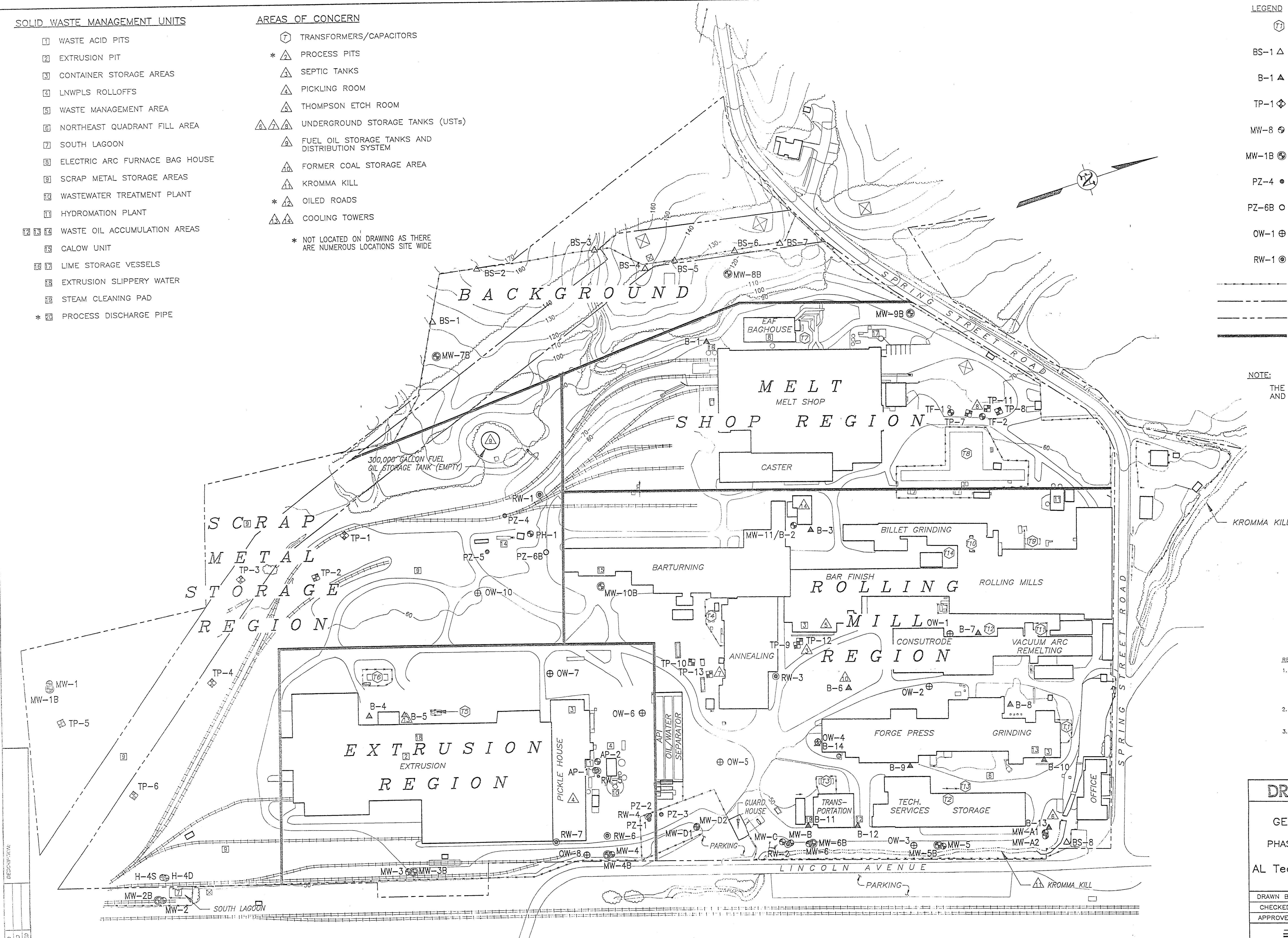


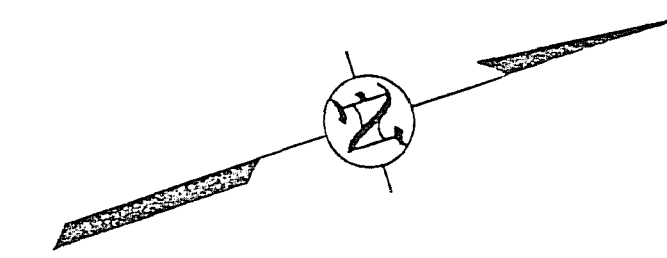
DRAFT FIGURE 4-1

GENERALIZED PLANT REGIONS
PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
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Watervliet, New York

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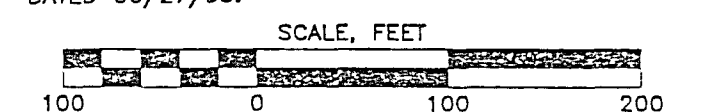
- SW-1 SURFACE WATER SAMPLE LOCATION AND DESIGNATION
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-7 BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- FENCE LINE
- PROPERTY LINE

NOTES:

1. ALL WELL AND SURFACE WATER (SW) LOCATION ARE APPROXIMATE.
2. THE LOCATION FOR SW-6 IS A DRAINAGE PIPE WHICH RUNS FROM A WETLAND AREA NORTHWEST OF THE WASTE MANAGEMENT AREA TO THE NORTH FACE OF THE LANDFILL WHERE THE DISCHARGE DRAINS TO THE KROMMA KILL.

REFERENCES:

1. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
2. WESTON GEOPHYSICAL CORPORATION, "SEISMIC REFRACTION SURVEY, AL TECH SPECIALTY STEEL CORPORATION LANDFILL, WATERVLIET, NEW YORK," DATED: DECEMBER 1992, PREPARED FOR: MCLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION, FIGURE 2, DRAWING TITLED "PLAN MAP WITH SURVEY COVERAGE."
3. REMCOR, INC. DWG. No. 94067-E39/29677, DATED 06/27/95.



DRAFT FIGURE 5-1

QUARTERLY SAMPLING LOCATIONS WASTE MANAGEMENT AREA

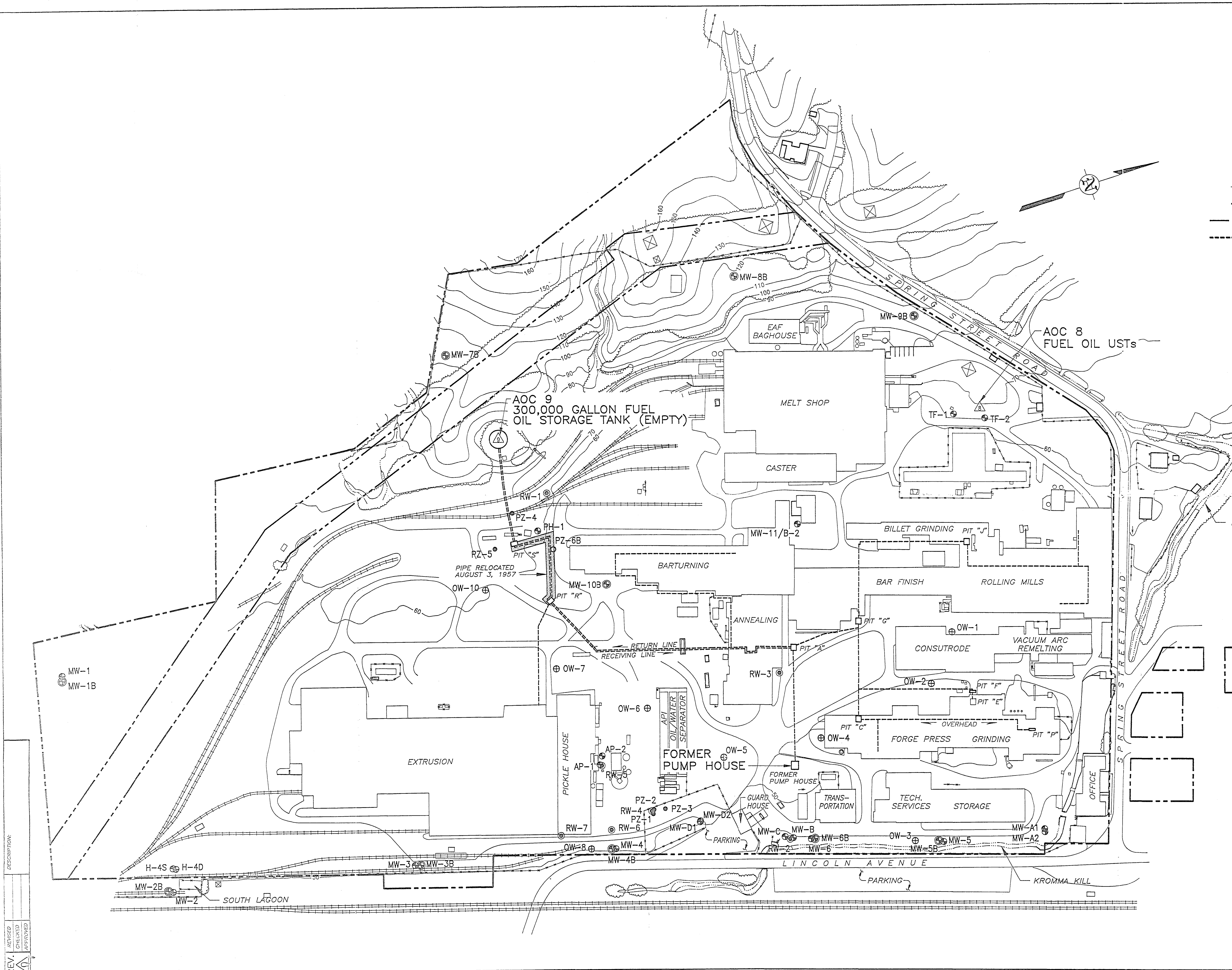
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REV. DESCRIPTION:



- LEGEND**
- MW-8 ⊕ OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
 - MW-1B ⊕ BEDROCK MONITORING WELL LOCATION AND DESIGNATION
 - PZ-4 • OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION
 - PZ-6B ○ BEDROCK PIEZOMETER LOCATION AND DESIGNATION
 - OW-1 ⊕ OBSERVATION WELL LOCATION AND DESIGNATION
 - RW-1 ⊕ RECOVERY WELL LOCATION AND DESIGNATION
 - FENCE LINE
 - - - PROPERTY LINE
 - - - UTILITY RIGHT-OF-WAY
 - - - FUEL OIL DISTRIBUTION LINES

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047.1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93, SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 6025S1 THROUGH 6025S7.
3. REMCOR, INC. DWG. No. 94067-E50/30628, DATED 06/27/95.

SCALE, FEET
100 0 100 200

DRAFT FIGURE 6-1

FUEL OIL STORAGE AND DISTRIBUTION OIL COMPONENTS

PHASE I RCRA FACILITY INVESTIGATION

PREPARED FOR

AL Tech Specialty Steel Corporation

Watervliet, New York

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REV. 100

SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (FUEL OIL-RELATED IMPACT NOT OBSERVED FOR THIS UNIT)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- TRANSFORMERS/CAPACITORS
- * PROCESS PITS
- SEPTIC TANKS
- PICKLING ROOM
- THOMPSON ETCH ROOM
- UNDERGROUND STORAGE TANKS (USTs)
- FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- FORMER COAL STORAGE AREA
- KROMMA KILL
- * OILED ROADS
- COOLING TOWERS

* NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

TRANSFORMER/CAPACITOR AREA LOCATION AND DESIGNATION (SEE NOTE 3)

B-1 TEST BORING LOCATION AND DESIGNATION

TP-1 TEST PIT LOCATION AND DESIGNATION

MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION

MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION

PZ-4 OVERBURDEN PIEZOMETER LOCATION AND DESIGNATION

BTEX PRESENT IN SOILS

TOTAL VOC AND/OR SVOC TIC CONCENTRATIONS OF GREATER THAN 10,000µg/kg PRESENT IN SOILS

TOTAL VOC TIC CONCENTRATIONS OF GREATER THAN 100,000µg/kg PRESENT IN SOILS

TCL SVOCs (PAHs) PRESENT IN SOILS

TOTAL SVOC TIC CONCENTRATIONS OF GREATER THAN 200,000µg/kg PRESENT IN SOILS

FENCE LINE

PROPERTY LINE

UTILITY RIGHT-OF-WAY LINE

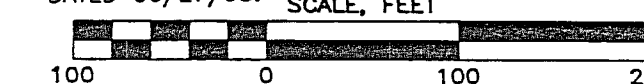
LIMITS OF FUEL OIL-RELATED IMPACT (DASHED WHERE INFERRED)

NOTES:

1. IMPACT AT BORING B-4 IS PRESENT AT THE SURFACE AND IS, THEREFORE, NOT BELIEVED TO BE THE RESULT OF FUEL OIL-IMPACT OBSERVED AT OTHER LOCATIONS.
2. ONLY THOSE LOCATIONS FROM WHICH SOIL SAMPLES WERE COLLECTED ARE SHOWN.
3. SUBSURFACE SOIL SAMPLES WERE COLLECTED FROM BOTH THE OVERBURDEN AND BEDROCK WELL LOCATIONS; HOWEVER, THE SAMPLES WERE COLLECTED FROM THE BEDROCK WELL BORINGS.
4. THE DECISION TO INSTALL MONITORING WELL MW-11 WAS MADE SUBSEQUENT TO COMPLETION OF SOIL SAMPLE COLLECTION FROM BORING B-2.

REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
3. REMCOR, INC. DWG. No. 94067-E49/30625, DATED 06/27/95. SCALE, FEET



DRAFT FIGURE 6-2

APPARENT EXTENT OF FUEL OIL-RELATED IMPACT IN SOIL

PHASE I RCRA FACILITY INVESTIGATION
PREPARED FOR
AL Tech Specialty Steel Corporation
Watervliet, New York

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DRAWING NUMBER
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DESCRIPTION:

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SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWPLS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (GROUND WATER SAMPLES WERE NOT COLLECTED FROM MONITORING WELLS IN THIS UNIT DURING THE PHASE I RFI)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDROMATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

AREAS OF CONCERN

- TRANSFORMERS/CAPACITORS
- * PROCESS PITS
- SEPTIC TANKS
- PICKLING ROOM
- THOMPSON ETCH ROOM
- UNDERGROUND STORAGE TANKS (USTs)
- FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- FORMER COAL STORAGE AREA
- KROMMA KILL
- * OILED ROADS
- COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- TRANSFORMER/CAPACITOR AREA LOCATION AND AREA DESIGNATION
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION

MW-5	Well Designation
Iron	Parameters which exceed potentially applicable criteria
Manganese	
Sodium	

- WELL DESIGNATION
- PARAMETERS WHICH EXCEED POTENTIALLY APPLICABLE CRITERIA
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

NOTE:

GROUND WATER SAMPLES WERE COLLECTED FROM ALL WELLS SHOWN EXCLUDING TF-2. THE TF-2 RISER PIPE IS BLOCKED PROHIBITING WATER LEVEL MEASUREMENT AND GROUND WATER SAMPLE COLLECTION.

REFERENCES:

- McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED, "PROPOSED PHASE I MONITORING WELL LOCATIONS", DRAWING NUMBER 148047.1, FIGURE 8-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
- C.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 602551 THROUGH 602557.
- REMCOR, INC. DWG. No. 94067-E47/30445, DATED 06/23/95.

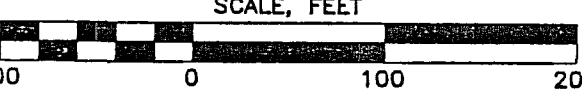


FIGURE 7-1

PARAMETERS EXCEEDING POTENTIALLY APPLICABLE CRITERIA IN OVERBURDEN GROUND WATER PHASE I RCRA FACILITY INVESTIGATION PREPARED FOR AL Tech Specialty Steel Corporation Watervliet, New York

DRAWN BY	RAZ 06/23/95	DRAWING NUMBER	94067-E47
CHECKED			
APPROVED			

REVISED
CHECKED
APPROVED

DESCRIPTION

REVISED
CHECKED
APPROVED

SOLID WASTE MANAGEMENT UNITS

- 1 WASTE ACID PITS
- 2 EXTRUSION PIT
- 3 CONTAINER STORAGE AREAS
- 4 LNWLPS ROLLOFFS
- 5 WASTE MANAGEMENT AREA (GROUND WATER SAMPLES WERE NOT COLLECTED FROM MONITORING WELLS IN THIS UNIT DURING THE PHASE I RFI)
- 6 NORTHEAST QUADRANT FILL AREA
- 7 SOUTH LAGOON
- 8 ELECTRIC ARC FURNACE BAG HOUSE
- 9 SCRAP METAL STORAGE AREAS
- 10 WASTEWATER TREATMENT PLANT
- 11 HYDRINATION PLANT
- 12 13 14 WASTE OIL ACCUMULATION AREAS
- 15 CALOW UNIT
- 16 17 LIME STORAGE VESSELS
- 18 EXTRUSION SLIPPERY WATER
- 19 STEAM CLEANING PAD
- * 20 PROCESS DISCHARGE PIPE

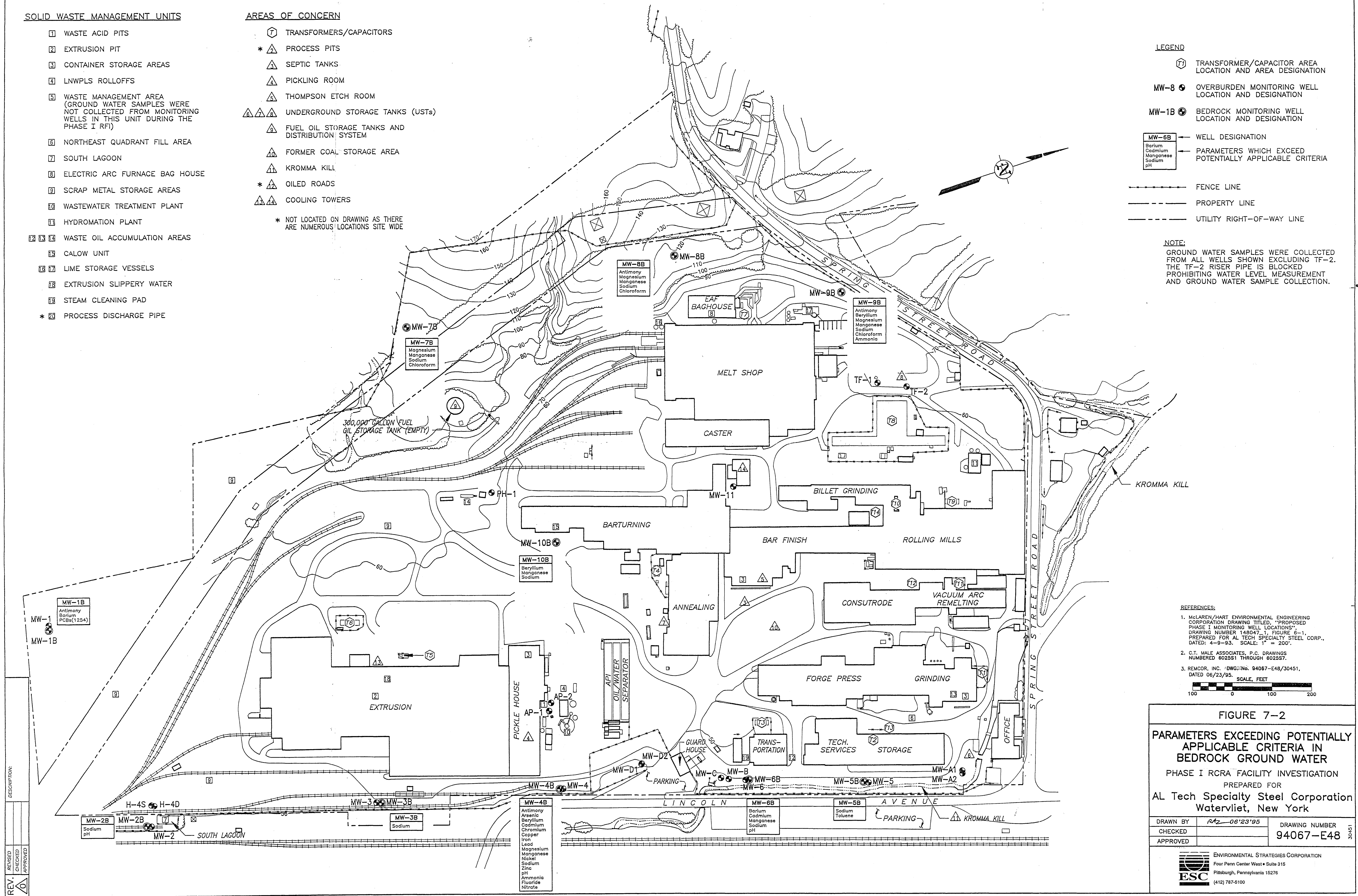
AREAS OF CONCERN

- 1 TRANSFORMERS/CAPACITORS
- * 2 PROCESS PITS
- 3 SEPTIC TANKS
- 4 PICKLING ROOM
- 5 THOMPSON ETCH ROOM
- 6 UNDERGROUND STORAGE TANKS (USTs)
- 7 FUEL OIL STORAGE TANKS AND DISTRIBUTION SYSTEM
- 8 FORMER COAL STORAGE AREA
- 9 KROMMA KILL
- * 10 OILED ROADS
- 11 COOLING TOWERS
- * NOT LOCATED ON DRAWING AS THERE ARE NUMEROUS LOCATIONS SITE WIDE

LEGEND

- 17 TRANSFORMER/CAPACITOR AREA LOCATION AND AREA DESIGNATION
- MW-8 OVERBURDEN MONITORING WELL LOCATION AND DESIGNATION
- MW-1B BEDROCK MONITORING WELL LOCATION AND DESIGNATION
- MW-6B WELL DESIGNATION
- PARAMETERS WHICH EXCEED POTENTIALLY APPLICABLE CRITERIA
- FENCE LINE
- PROPERTY LINE
- UTILITY RIGHT-OF-WAY LINE

NOTE: GROUND WATER SAMPLES WERE COLLECTED FROM ALL WELLS SHOWN EXCLUDING TF-2. THE TF-2 RISER PIPE IS BLOCKED PROHIBITING WATER LEVEL MEASUREMENT AND GROUND WATER SAMPLE COLLECTION.



REFERENCES:

1. McLAREN/HART ENVIRONMENTAL ENGINEERING CORPORATION DRAWING TITLED: "PROPOSED PHASE I MONITORING WELL LOCATIONS" DRAWING NUMBER 148047-1, FIGURE 6-1, PREPARED FOR AL TECH SPECIALTY STEEL CORP., DATED: 4-9-93. SCALE: 1" = 200'.
2. G.T. MALE ASSOCIATES, P.C. DRAWINGS NUMBERED 802551 THROUGH 802557.
3. REMCOR, INC. DWG#ING. 94067-E48/30451, DATED 06/23/95. SCALE: FEET

FIGURE 7-2

PARAMETERS EXCEEDING POTENTIALLY APPLICABLE CRITERIA IN BEDROCK GROUND WATER

PHASE I RCRA FACILITY INVESTIGATION

PREPARED FOR

AL Tech Specialty Steel Corporation
Watervliet, New York

DRAWN BY	RA2-06/23/95	DRAWING NUMBER
CHECKED		94067-E48
APPROVED		

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