INDUSTRI-PLEX SITE

OU-1 COVER CERTIFICATION REPORT

WOBURN, MASSACHUSETTS

TAX MAP PARCELS 4-7-9, 9-2-1, 9-2-3, 9-2-4, 9-2-5 9-2-6, 9-2-7, 9-2-8, 9-7-3, 9-1-5, 9-1-6, 9-1-7, 9-1-8, 9-7-4, 31-2-2 & 15-1-11

RECORD DRAWINGS

ATTACHMENT 1 (VOLUME A)

SEPTEMBER 30, 2008

PREPARED BY:

MERIDIAN
Land Services, Inc.
STREET ADDRESS: 31 OLD NASHUA RD. SUITE 2, AMHERST, N.H. 03031 TEL 603-673-1441 FAX 603-673-1584
MAILING ADDRESS: PO BOX 118, MILFORD, N.H. 03055-0118 EMAIL: MERIDIAN@MeridianLandServices.COM
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

FINAL

Sep 29, 2008 - 8:12am dbh Land Desktop 2005 - LDT5
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ATTACHMENT 1 RECORD DRAWINGS
SHEET INDEX:

VOLUME A

TAX MAP PARCELS 4-7-9, 9-2-1, 9-2-3, 9-2-4, 9-2-5, 9-2-6, 9-2-7, 9-2-8, 9-7-3, 9-1-5, 9-1-6, 9-1-7, 9-1-8, 9-7-4, 31-2-2 & 15-1-11

A-1 TITLE SHEET
A-2 INDEX SHEET
A-3 LAND CLASSIFICATION "A", "B" & "C"
A-4 LAND CLASSIFICATION "D" (HIDE PILES)
A-5 LAND CLASSES POINTS CHART
A-6 OU-1 INDUSTRI-PLEX SITE ENGINEERED COVER AREAS
A-7 NW 1/4 CITY OF WOBURN R.O.W./ROADS
A-8 SW 1/4 CITY OF WOBURN R.O.W./ROADS
A-9 NE 1/4 CITY OF WOBURN R.O.W./ROADS
A-10 SE 1/4 CITY OF WOBURN R.O.W./ROADS

KOSTER REVOCABLE TRUST (PARCEL 1)

A-11 LOCUS OF TAX MAP OF LOT 4-7-9
A-12 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-13 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-14 COVER TYPES & TRANSITIONS
A-15 DETAILS AND TRANSITIONS

KOSTER REVOCABLE TRUST (PARCEL 2)

A-16 LOCUS OF TAX MAP OF LOT 9-2-1
A-17 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-18 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-19 COVER TYPES & TRANSITIONS
A-20 DETAILS AND TRANSITIONS

AERO REALTY TRUST (PARCEL 1)

A-21 LOCUS OF TAX MAP OF LOT 9-2-3
A-22 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-23 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-24 COVER TYPES & TRANSITIONS
A-25 DETAILS AND TRANSITIONS

AERO REALTY TRUST (PARCEL 2)

A-26 LOCUS OF TAX MAP OF LOT 9-2-4
A-27 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-28 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-29 COVER TYPES & TRANSITIONS
A-30 DETAILS AND TRANSITIONS

KOSTER NOMINEE TRUST (PARCEL 3)

A-31 LOCUS OF TAX MAP OF LOT 9-2-5
A-32 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-33 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
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A-35 DETAILS AND TRANSITIONS

KOSTER REVOCABLE TRUST (PARCEL 4)

A-36 LOCUS OF TAX MAP OF LOT 9-2-6
A-37 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-38 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-39 COVER TYPES & TRANSITIONS
A-40 DETAILS AND TRANSITIONS

STEPHEN & ADELINE DAGATA

A-41 LOCUS OF TAX MAP OF LOT 9-2-7
A-42 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-43 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-44 COVER TYPES & TRANSITIONS
A-45 DETAILS AND TRANSITIONS

BOSTON EDISON COMPANY (PARCEL 1)

A-46 LOCUS OF TAX MAP OF LOT 9-2-8
A-47 BOUNDARY LINES, LAND CLASSIFICATIONS EASEMENTS & DRAINAGE (SHEET 1)
A-48 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 2)
A-49 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 1)
A-50 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 2)
A-51 COVER TYPES & TRANSITIONS (SHEET 1)
A-52 COVER TYPES & TRANSITIONS (SHEET 2)
A-53 DETAILS AND TRANSITIONS

BOSTON EDISON COMPANY (PARCEL 2)

A-54 LOCUS OF TAX MAP OF LOT 9-7-3
A-55 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-56 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-57 COVER TYPES & TRANSITIONS
A-58 DETAILS AND TRANSITIONS

BOSTON EDISON COMPANY (PARCEL 3)

A-59 LOCUS OF TAX MAP OF LOT 9-1-5
A-60 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-61 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-62 COVER TYPES & TRANSITIONS
A-63 DETAILS AND TRANSITIONS

POSITIVE START REALTY, INC.

A-64 LOCUS OF TAX MAP OF LOT 9-1-6
A-65 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-66 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-67 COVER TYPES & TRANSITIONS
A-68 DETAILS AND TRANSITIONS

PX REALTY TRUST (PARCEL 1)

A-69 LOCUS OF TAX MAP LOT 9-1-7
A-70 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-71 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-72 COVER TYPES & TRANSITIONS
A-73 DETAILS AND TRANSITIONS

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A-74 LOCUS OF TAX MAP OF LOT 9-1-8
A-75 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 1)
A-76 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 2)
A-77 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 3)
A-78 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 4)
A-79 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 1)
A-80 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 2)
A-81 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 3)
A-82 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 4)
A-83 COVER TYPES & TRANSITIONS (SHEET 1)
A-84 COVER TYPES & TRANSITIONS (SHEET 2)
A-85 COVER TYPES & TRANSITIONS (SHEET 3)
A-86 COVER TYPES & TRANSITIONS (SHEET 4)
A-87 DETAILS AND TRANSITIONS

WJP REALTY TRUST(FORMERLY PEBCO)

A-88 LOCUS OF TAX MAP OF LOT 9-7-4
A-89 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
A-90 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
A-91 COVER TYPES & TRANSITIONS
A-92 DETAILS AND TRANSITIONS

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

A-93 LOCUS OF TAX MAP OF M.B.T.A. (WEST SIDE OF RIGHT-OF-WAY) 31-2-2
A-94 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (NORTH VIEW)
A-95 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SOUTH VIEW)
A-96 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (NORTH VIEW)
A-97 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SOUTH VIEW)
A-98 COVER TYPES & TRANSITIONS (NORTH VIEW)
A-99 COVER TYPES & TRANSITIONS (SOUTH VIEW)
A-100 DETAILS AND TRANSITIONS

BOSTON EDISON COMPANY (PARCEL 4)

A-101 LOCUS OF TAX MAP OF LOT 15-1-11 (BECO EAST)
A-102 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 1)
A-103 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE (SHEET 2)
A-104 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 1)
A-105 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER (SHEET 2)
A-106 COVER TYPES & TRANSITIONS (SHEET 1)
A-107 COVER TYPES & TRANSITIONS (SHEET 2)
A-108 DETAILS AND TRANSITIONS

VOLUME B

TAX MAP PARCELS 10-1-8, 10-1-5, 10-1-4, 10-1-3, 10-1-10 & 10-1-2

B-1 TITLE SHEET
B-2 INDEX SHEET
B-3 LAND CLASSIFICATION "A", "B" & "C"
B-4 LAND CLASSIFICATION "D" (HIDE PILES)
B-5 LAND CLASSES POINTS CHART
B-6 OU-1 INDUSTRI-PLEX SITE ENGINEERED COVER AREAS
B-7 NW 1/4 CITY OF WOBURN R.O.W./ROADS
B-8 SW 1/4 CITY OF WOBURN R.O.W./ROADS
B-9 NE 1/4 CITY OF WOBURN R.O.W./ROADS
B-10 SE 1/4 CITY OF WOBURN R.O.W./ROADS

ATLANTIC AVENUE ASSOCIATES, INC.

B-11 LOCUS OF TAX MAP OF LOT 10-1-8
B-12 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
B-13 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
B-14 COVER TYPES & TRANSITIONS
B-15 DETAILS AND TRANSITIONS

20 ATLANTIC AVENUE REALTY TRUST

B-16 LOCUS OF TAX MAP OF LOT 10-1-5
B-17 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
B-18 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
B-19 COVER TYPES & TRANSITIONS
B-20 DETAILS AND TRANSITIONS

MID A TERRACE, LLC.

B-21 LOCUS OF TAX MAP OF LOT 10-1-4
B-22 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
B-23 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
B-24 COVER TYPES & TRANSITIONS
B-25 DETAILS AND TRANSITIONS

NODRAER REALTY CORPORATION

B-26 LOCUS OF TAX MAP OF LOT 10-1-3
B-27 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
B-28 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
B-29 COVER TYPES & TRANSITIONS
B-30 DETAILS AND TRANSITIONS

SUNDER K. & HIRO K. GANGLANI

B-31 LOCUS OF TAX MAP OF LOT 10-1-10
B-32 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
B-33 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
B-34 COVER TYPES & TRANSITIONS
B-35 DETAILS AND TRANSITIONS

PACER HEADQUARTERS, INC.

B-36 LOCUS OF TAX MAP OF LOT 10-1-2
B-37 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
B-38 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
B-39 COVER TYPES & TRANSITIONS
B-40 DETAILS AND TRANSITIONS

VOLUME C

TAX MAP PARCELS 10-1-9, 10-1-11, 10-1-12, 10-1-17, 5-1-3, 5-1-1, 4-7-1 & 10-1-6

C-1 TITLE SHEET
C-2 INDEX SHEET
C-3 LAND CLASSIFICATION "A", "B" & "C"
C-4 LAND CLASSIFICATION "D" (HIDE PILES)
C-5 LAND CLASSES POINTS CHART
C-6 OU-1 INDUSTRI-PLEX SITE ENGINEERED COVER AREAS
C-7 NW 1/4 CITY OF WOBURN R.O.W./ROADS
C-8 SW 1/4 CITY OF WOBURN R.O.W./ROADS
C-9 NE 1/4 CITY OF WOBURN R.O.W./ROADS
C-10 SE 1/4 CITY OF WOBURN R.O.W./ROADS

CHESTNUT HILL REALTY TRUST
(AKA E.C.H.P. AND CREATED WETLANDS)

C-11 TAX MAP LOCUS OF LOTS 10-1-9, 10-1-11, & 10-1-12
C-12 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
C-13 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
C-14 E.C.H.P. RECORD POINTS CHARTS
C-15 CREATED WETLANDS RECORD POINTS CHARTS
C-16 COVER TYPES & TRANSITIONS
C-17 DETAILS AND TRANSITIONS 1
C-18 DETAILS AND TRANSITIONS 2

CITY OF WOBURN

C-19 TAX MAP LOCUS OF LOT 10-1-17
C-20 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
C-21 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
C-22 COVER TYPES & TRANSITIONS
C-23 DETAILS AND TRANSITIONS 1

RESOURCES FOR RESPONSIBLE SITE MANAGEMENT, INC., AS TRUSTEE FOR THE INDUSTRI-PLEX SITE CUSTODIAL TRUST
(AKA UNDEVELOPED PROPERTIES)

C-24 TAX MAP LOCUS OF LOT 5-1-3
C-25 BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS & DRAINAGE
C-26 RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
C-27 COVER TYPES & TRANSITIONS
C-28 DETAILS AND TRANSITIONS 1

RESOURCES FOR RESPONSIBLE SITE MANAGEMENT, INC., AS TRUSTEE FOR THE INDUSTRI-PLEX SITE CUSTODIAL TRUST
(AKA WEST HIDE PILE)

C-29 TAX MAP LOCUS OF LOT 5-1-1
C-30 WEST HIDE PILE BOUNDARY LINES, LAND CLASSIFICATIONS, & EASEMENTS
C-31 WEST HIDE PILE RECORD POINTS, TOPOGRAPHY, DRAINAGE & LIMITS OF ENGINEERED COVER
C-32 WEST HIDE PILE COVER TYPES & TRANSISTIONS
C-33 WEST HIDE PILE DETAILS & TRANSITIONS

RESOURCES FOR RESPONSIBLE SITE MANAGEMENT, INC., AS TRUSTEE FOR THE INDUSTRI-PLEX SITE CUSTODIAL TRUST
(WETLANDS 1C & UNDEVELOPED PROPERTIES)

C-34 TAX MAP LOCUS OF LOT 5-1-1
C-35 WET-1C & UNDEVELOPED PROPERTIES BOUNDARY LINES, LAND CLASSIFICATIONS, & EASEMENTS
C-36 WET-1C & UNDEVELOPED PROPERTIES RECORD POINTS, TOPOGRAPHY, DRAINAGE & LIMITS OF ENGINEERED COVER
C-37 WET-1C & UNDEVELOPED PROPERTIES RECORD POINTS CHART
C-38 WET-1C & UNDEVELOPED PROPERTIES COVER TYPES & TRANSITIONS
C-39 WET-1C & UNDEVELOPED PROPERTIES DETAILS & TRANSITIONS

RESOURCES FOR RESPONSIBLE SITE MANAGEMENT, INC., AS TRUSTEE FOR THE INDUSTRI-PLEX SITE CUSTODIAL TRUST
(AKA EAST HIDE PILE, NORTH SLOPE & WETLANDS 2A)

C-40 TAX MAP LOCUS OF LOT 5-1-1
C-41 EAST HIDE PILE BOUNDARY LINES, LAND CLASSIFICATIONS, & EASEMENTS
C-42 EAST HIDE PILE & ACCESS ROAD RECORD POINTS, TOPOGRAPHY, DRAINAGE & LIMITS OF ENGINEERED COVER
C-43 EAST HIDE PILE & ACCESS ROAD POINT CHARTS
C-44 EAST HIDE PILE & ACCESS ROAD COVER TYPES & TRANSITIONS
C-45 EAST HIDE PILE LINER SHEET
C-46 EAST HIDE PILE LINER POINT CHARTS
C-47 EAST HIDE PILE & ACCESS ROAD COVER TYPES
C-48 EAST HIDE PILE & ACCESS ROAD DETAILS & TRANSITIONS

TABBY ASSOCIATES, LLC

C-49 TAX MAP LOCUS OF LOTS 4-7-1
C-50 BOUNDARY LINES, LAND CLASSIFICATIONS, & EASEMENTS
C-51 RECORD POINTS, TOPOGRAPHY, DRAINAGE & LIMITS OF ENGINEERED COVER
C-52 COVER TYPES & TRANSITIONS
C-53 EAST HIDE PILE LINER SHEET
C-54 EAST HIDE PILE LINER POINT CHARTS
C-55 DETAILS & TRANSITIONS

RESOURCES FOR RESPONSIBLE SITE MANAGEMENT, INC., AS TRUSTEE FOR THE INDUSTRI-PLEX SITE CUSTODIAL TRUST
(AKA SOUTH HIDE PILE & DETENTION BASIN)

C-56 TAX MAP LOCUS OF LOT 10-1-6
C-57 SOUTH HIDE PILE & DETENTION BASIN BOUNDARY LINES, LAND CLASSIFICATIONS, DRAINAGE & EASEMENTS
C-58 SOUTH HIDE PILE & DETENTION BASIN RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
C-59 SOUTH HIDE PILE & DETENTION BASIN RECORD POINTS CHARTS
C-60 SOUTH HIDE PILE & DETENTION BASIN COVER TYPES & TRANSITIONS
C-61 DETENTION BASIN LINER SHEET & MEMBRANE POINTS
C-62 SOUTH HIDE PILE & DETENTION BASIN DETAILS & TRANSITIONS

FINAL

Sep 29, 2008 - 8:19am dbh Land Desktop 2005 - LDT5
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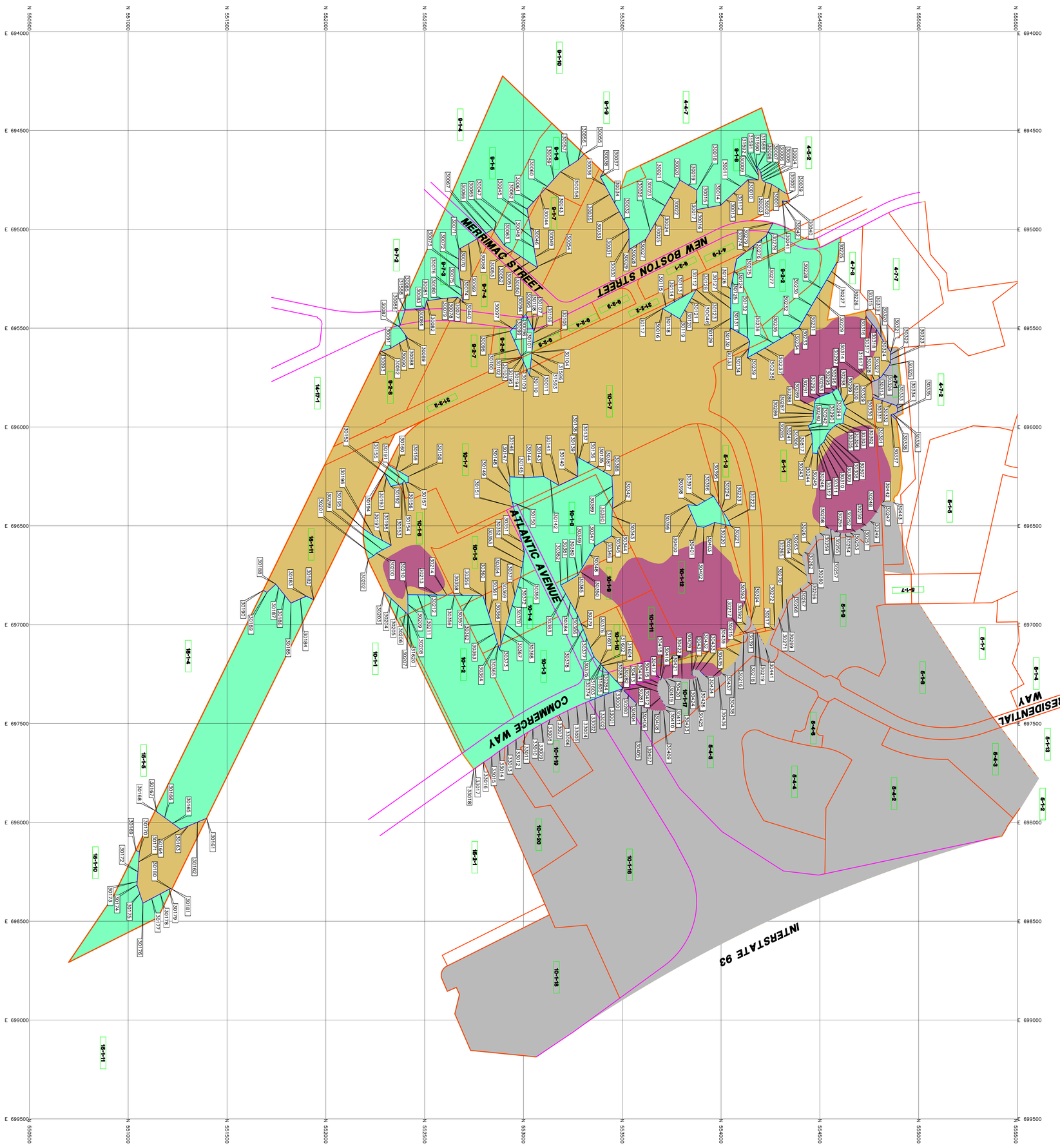


LEGEND

- BOUNDARY LINE
- RIGHT-OF-WAY
- LAND CLASS LINE
- GRID LINE
- N 551,000 — 350000
- SURVEY POINT DELINEATING ANGLE POINTS IN LAND CLASSES
- *CLASS A LAND* MAY CONTAIN CONTAMINATED GROUNDWATER
- *CLASS B LAND* MAY CONTAIN CONTAMINATED GROUNDWATER AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B
- *CLASS C LAND* MAY CONTAIN CONTAMINATED GROUNDWATER AND CONTAINS CONTAMINATED SOIL AND COVER.
- *CLASS D LAND* MAY CONTAIN CONTAMINATED GROUNDWATER AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

NOTE:

SEE SHEET A-5 FOR NORTHINGS, EASTINGS & INVERSES OF LAND CLASS POINT MARKERS.

MA-GRID

N

GRAPHIC SCALE
200' 100' 0 200' /8/08 600'

PROJECT RECORD

INSTITUTIONAL CONTROLS
LAND CLASSIFICATIONS "A", "B", "C"

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 200' AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900-0-11.dwg
DO NOT SCALE DRAWING

SHEET NO. A-3
PROJECT: 2900.00
SHEET 3 OF 10

DESIGNED BY:

Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603-668-0880 • FAX 603-668-1199

PREPARED FOR:

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:

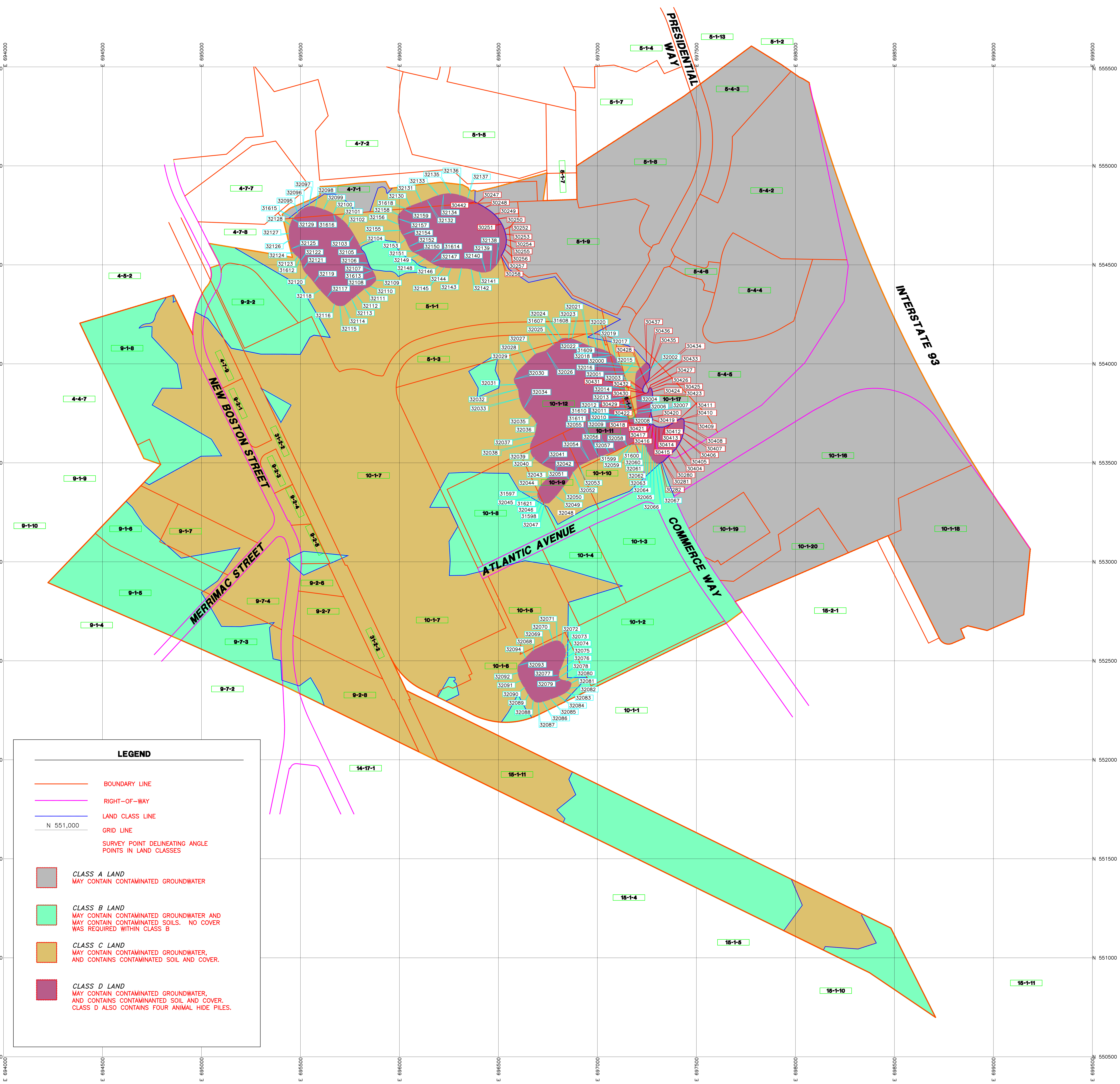
MERIDIAN Land Services, Inc.
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

PROFESSIONAL ENGINEER

FINAL

PROFESSIONAL LAND SURVEYOR

REV.	DATE	DESCRIPTION		DR	CK
I	9/30/08	FINAL SUBMISSION	TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08	TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP	JGK
C	10/16/03	DEP REVISIONS	JF	MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK



LAND CLASS 'D' RESTRICTED AREAS POINTS CHART

POINT–POINT	BEARING	LENGTH
32000–32001	S45°00'00"W	33.70'
32001–32002	S08°56'33"W	42.47'
32002–32003	S02°19'22"E	51.01'
32003–32004	S04°53'24"E	49.03'
32004–32006	S04°20'22"E	49.43'
32006–32007	S01°48'25"E	17.15'
32007–32008	S45°00'00"W	35.95'
32008–32009	S81°09'37"W	21.18'
32009–31611	N32°39'18"W	6.07'
31611–32010	N32°39'18"W	6.72'
32010–31610	N28°55'37"E	2.77'
31610–32011	N28°55'37"E	42.37'
32011–32012	N02°58'54"E	18.67'
32012–32013	N31°15'59"W	51.47'
32013–32014	N17°01'45"W	42.46'
32014–32015	N03°18'31"W	66.96'
32015–32016	N17°55'25"W	42.12'
32016–32017	N30°19'58"W	51.68'
32017–32018	N48°10'04"W	25.04'
32018–31609	N55°17'35"W	11.96'
31609–32019	N58°47'11"W	26.49'
32019–32020	N72°41'09"W	42.35'
32020–32021	N74°58'02"W	43.29'
32021–32022	N67°42'19"W	40.65'
32022–32023	N67°18'33"W	54.05'
32023–31608	N81°34'08"W	16.62'
31608–32024	S88°10'30"W	35.30'
32024–31607	S52°01'41"W	22.53'
31607–32025	S52°01'41"W	28.56'
32025–32026	S52°01'41"W	51.08'
32026–32027	S73°26'01"W	52.51'
32027–32028	S45°00'00"W	63.39'
32028–32029	S45°00'00"W	63.39'
32029–32030	S26°24'35"W	39.21'
32030–32031	S18°12'04"E	28.01'
32031–32032	S27°42'37"E	26.18'
32032–32033	S08°49'12"E	46.46'
32033–32034	S23°10'14"E	53.86'
32034–32035	S43°28'10"E	50.02'
32035–32036	S35°34'57"E	50.68'
32036–32037	S08°22'56"W	62.87'
32037–32038	S26°03'19"W	38.50'
32038–32039	S05°52'14"W	39.61'
32039–32040	S24°35'52"E	40.01'
32040–32041	S52°04'31"E	50.38'
32041–32042	S61°55'56"E	78.40'
32042–32043	S45°00'00"W	50.00'
32043–32044	S45°00'00"W	57.70'
32044–31597	S22°25'24"W	33.87'
31597–32045	S02°07'10"W	17.63'
32045–31621	S17°02'00"E	14.15'
31621–32046	S39°49'07"E	12.55'
32046–31598	S55°51'04"E	13.79'
31598–32047	S62°18'19"E	12.00'
32047–32048	N84°14'14"E	19.76'
32048–32049	N45°00'00"E	46.94'
32049–32050	N38°26'13"E	54.68'
32050–32051	N38°26'13"E	54.68'
32051–32052	N27°28'04"E	41.49'
32052–32053	N45°00'00"E	48.45'
32053–32054	N64°59'30"E	54.84'
32054–32055	N66°56'35"E	50.18'
32055–32056	N70°57'17"E	57.12'
32056–32057	N68°03'29"E	31.92'
32057–32058	N67°20'35"E	65.76'
32058–31599	N75°42'16"E	11.77'
31599–32059	N75°42'16"E	12.71'
32059–31600	N84°09'34"E	19.09'
31600–32060	N89°51'59"E	36.07'
32060–32061	S74°20'14"E	14.34'
32061–32062	S29°53'26"E	12.95'
32062–32063	S17°07'58"E	28.28'
32063–32064	S34°46'15"E	25.40'
32064–32065	S31°30'11"E	25.71'
32065–32066	S44°07'17"E	12.50'
32066–32067	S69°09'24"E	13.70'
32067–30282	N78°57'22"E	13.49'
30282–30281	N65°43'54"E	14.03'
30281–30280	N45°00'00"E	36.41'
30280–30404	N45°00'00"E	56.34'
30404–30405	N32°30'57"E	28.91'
30405–30406	N24°18'35"E	35.38'
30406–30407	N16°02'24"E	25.82'
30407–30408	N04°52'59"E	38.80'
30408–30409	N00°06'14"W	17.65'
30409–30410	N23°26'50"W	13.44'
30410–30411	S83°12'18"W	20.21'
30411–30412	S59°26'52"W	50.10'
30412–30413	S67°45'00"W	32.32'
30413–30414	S86°29'26"W	28.30'
30414–30415	N78°24'26"W	14.97'
30415–30416	N52°28'45"W	18.91'
30416–30417	S74°21'46"W	12.75'
30417–30418	N88°01'30"W	8.55'
30418–30419	N33°59'43"E	32.74'
30419–30420	N17°41'16"W	14.07'
30420–30421	N12°55'45"W	22.13'
30421–30422	N06°09'20"E	49.82'
30422–30423	N04°55'07"E	38.83'
30423–30424	N04°05'28"W	16.54'
30424–30425	N15°11'50"W	14.41'
30425–30426	N47°18'16"W	9.76'
30426–30427	S49°06'52"W	6.94'
30427–30428	S14°56'22"W	7.98'
30428–30429	S26°11'59"W	14.58'
30429–30430	S72°17'01"W	6.11'
30430–30431	N68°44'50"W	15.73'
30431–30432	N15°52'19"W	14.31'
30432–30433	N22°40'29"E	24.79'
30433–30434	N39°53'57"E	34.05'
30434–30435	N05°11'26"E	39.13'
30435–30436	N03°05'36"E	28.07'
30436–30437	N40°39'37"W	25.07'
30437–32000	S45°00'00"W	33.70'

LAND CLASS 'D' RESTRICTED AREAS POINTS CHART

POINT–POINT	BEARING	LENGTH
32130–32131	N69°29'00"E	***60.32'***
32131–32132	N69°21'40"E	30.30'
32132–32133	N68°13'47"E	63.38'
32133–32134	N76°16'57"E	24.07'
32134–32135	N86°41'33"E	37.59'
32135–32136	S79°22'46"E	45.44'
32136–32137	S69°51'27"E	41.33'
32137–30247	S65°11'29"E	54.66'
30247–30248	S60°19'25"E	44.01'
30248–30249	S53°28'54"E	56.87'
30249–30250	S42°43'57"E	31.27'
30250–30251	S33°39'51"E	31.87'
30251–30252	S24°31'48"E	30.02'
30252–30253	S16°56'12"E	24.79'
30253–30254	S07°31'41"E	27.56'
30254–30255	S03°22'50"W	23.53'
30255–30256	S15°58'34"W	26.97'
30256–30257	S26°48'16"W	26.97'
30257–30258	S30°44'42"W	10.43'
30258–32138	S29°18'15"W	49.62'
32138–32139	S45°00'00"W	42.50'
32139–32140	S75°35'43"W	24.56'
32140–32141	N86°42'00"W	33.48'
32141–32142	N71°58'10"W	42.08'
32142–32143	N84°08'57"W	48.36'
32143–32144	N88°43'49"W	51.90'
32144–32145	N85°59'13"W	33.12'
32145–32146	N78°06'14"W	29.84'
32146–32147	N63°53'28"W	39.63'
32147–31614	N58°54'53"W	4.39'
31614–32148	N58°07'59"W	34.13'
32148–32149	N58°37'38"W	38.59'
32149–32150	N60°46'28"W	25.98'
32150–32151	N72°05'01"W	9.40'
32151–32152	N34°29'42"W	29.62'
32152–32153	N24°21'20"W	40.07'
32153–32154	N30°30'16"W	25.82'
32154–32155	N30°11'53"W	25.86'
32155–32156	N15°20'24"W	28.77'
32156–32157	N08°34'33"W	31.07'
32157–32158	N03°40'16"E	18.93'
32158–32159	N45°00'00"E	39.35'
32159–31618	N66°03'46"E	10.83'
31618–32130	N66°03'46"E	23.95'

LAND CLASS 'D' RESTRICTED AREAS POINTS CHART

POINT–POINT	BEARING	LENGTH
32095–32096	N45°00'00"E	36.69'
32096–32097	N69°06'01"E	30.61'
32097–32098	S85°25'00"E	32.84'
32098–32099	S72°11'36"E	42.16'
32099–32100	S65°48'51"E	53.49'
32100–31616	S60°41'14"E	4.76'
31616–32101	S56°09'51"E	46.29'
32101–32102	S43°05'30"E	50.03'
32102–32103	S32°53'50"E	51.14'
32103–32104	S29°00'12"E	52.01'
32104–32105	S29°01'50"E	52.01'
32105–32106	S25°16'08"E	53.12'
32106–32107	S26°49'54"E	39.47'
32107–31613	S28°14'01"E	2.64'
31613–32108	S26°02'59"E	36.97'
32108–32109	S07°44'00"E	15.71'
32109–32110	S45°00'00"W	41.24'
32110–32111	S68°18'21"W	31.59'
32111–32112	S50°27'35"W	50.00'
32112–32113	S50°27'35"W	31.38'
32113–32114	S50°27'35"W	50.00'
32114–32115	S82°05'33"W	20.73'
32115–32116	N69°47'47"W	27.54'
32116–32117	N46°27'16"W	50.02'
32117–32118	N43°48'04"W	50.01'
32118–32119	N39°12'23"W	50.26'
32119–32120	N41°00'48"W	50.12'
32120–32121	N34°13'00"W	38.17'
32121–32122	N17°46'44"W	42.17'
32122–31612	N31°05'13"W	9.17'
31612–32123	N40°26'07"W	16.15'
32123–32124	N48°13'10"W	25.04'
32124–32125	N31°24'27"W	25.72'
32125–32126	N11°29'45"W	44.97'
32126–32127	N03°32'43"W	33.36'
32127–32128	N06°39'16"E	40.30'
32128–32129	N22°27'53"E	32.62'
32129–31615	N45°00'00"E	8.68'
31615–32095	N45°00'00"E	28.02'

LAND CLASS 'D' RESTRICTED AREAS POINTS CHART

POINT–POINT	BEARING	LENGTH
32068–32069	N64°08'26"E	57.18'
32069–32070	N66°00'48"E	52.29'
32070–32071	N80°39'40"E	21.44'
32071–32072	S61°53'32"E	26.13'
32072–32073	S30°45'13"E	25.79'
32073–32074	S07°20'13"E	31.58'
32074–32075	S15°19'21"W	25.25'
32075–32076	S21°52'35"W	63.66'
32076–32077	S12°44'49"W	23.42'
32077–32078	S10°40'27"E	15.14'
32078–32079	S46°41'04"E	12.51'
32079–32080	S75°34'28"E	29.04'
32080–32081	S66°15'50"E	26.83'
32081–32082	S15°00'57"W	25.01'
32082–32083	S45°00'00"W	27.28'
32083–32084	S62°59'00"W	40.49'
32084–32085	S70°15'59"W	43.93'
32085–32086	S71°40'57"W	41.76'
32086–32087	S79°32'28"W	22.05'
32087–32088	N66°08'56"W	26.81'
32088–32089	N38°47'32"W	37.72'
32089–32090	N29°08'14"W	38.98'
32090–32091	N30°08'00"W	38.80'
32091–32092	N18°16'07"W	41.99'
32092–32093	N01°06'42"E	36.06'
32093–32094	N45°00'00"E	52.25'
32094–32068	N45°00'00"E	52.25'

N

MA–GRID

NOTE:

SEE SHEET A–5 FOR NORTHINGS, EASTINGS & INVERSES OF LAND CLASS POINT MARKERS.

GRAPHIC SCALE

200' 100' 0 200' 400' 600'

REV.	DATE	DESCRIPTION		DR	CK
I	9/30/08	FINAL SUBMISSION	TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08	TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP	JGK
C	10/16/03	DEP REVISIONS	JF	MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK

PROFESSIONAL LAND SURVEYOR

FINAL

PROFESSIONAL ENGINEER

PREPARED FOR:

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:

MERIDIAN Land Services, Inc.
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY:

Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603–668–0880 • FAX 603–668–1199

PROJECT RECORD

INSTITUTIONAL CONTROLS
LAND CLASSIFICATIONS "D" (HIDE PILES)

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 200'

AUGUST 8, 2000

DESIGNED BY: MDP		A-4	
DRAFTED BY: MDP			
CHECKED BY: JGK		SHEET NO.	
FILE: 2900001I4.dwg		PROJECT:	2900.00
DO NOT SCALE DRAWING		SHEET	4 OF 10

Sep 29, 2008 – 8:43am dbh Land Desktop 2005 – LDT5
H:\mis\02900-0-AB\2900.00\AS-BUILTS\0-PARCEL-ALL\ATTACHMENT-1\

LAND CLASS 'A', 'B' & 'C' RESTRICTED AREAS POINTS CHART

POINT NUMBER	NORTHING	EASTING	DESCRIPTION	BEARING	LENGTH	LAND CLASS
30000	554335.8	694822.0	PX2	S31°56'W	50.0'	C/B
30001	554293.4	694795.6	PX2	S32°00'W	44.2'	"
30002	554255.9	694772.2	PX2	S17°18'W	31.3'	"
30003	554226.0	694762.9	PX2	S30°17'W	14.8'	"
30004	554213.3	694755.4	PX2	S57°23'W	12.2'	"
30005	554206.7	694745.1	PX2	S74°52'W	12.8'	"
30006	554203.3	694732.8	PX2	S82°48'W	18.7'	"
30007	554201.0	694714.2	PX2	S68°52'W	14.4'	"
30008	554195.8	694700.8	PX2	S48°40'W	19.7'	"
31589	554182.8	694686.0	PX-2	S11°43'W	2.8'	"
31590	554180.1	694685.4	PX-2	N73°21'E	14.6'	"
31591	554184.3	694699.4	PX-2	N80°32'E	29.0'	"
31592	554189.1	694728.1	PX-2	S86°08'E	22.6'	"
30009	554187.5	694750.7	PX2	S01°46'W	51.5'	"
30010	554136.1	694749.1	PX2	S43°13'E	50.0'	"
30011	554099.6	694783.3	PX2	S43°13'E	50.0'	"
30012	554063.2	694817.5	PX2	S43°13'E	50.0'	"
30013	554026.7	694851.8	PX2	S43°13'E	38.4'	"
30014	553998.8	694878.1	PX2	S10°21'E	64.8'	"
30015	553935.0	694889.7	PX2	S10°21'E	60.1'	"
30016	553875.9	694900.5	PX2	N89°14'W	48.7'	"
30017	553876.6	694851.8	PX2	N89°14'W	50.0'	"
30018	553877.2	694801.8	PX2	S30°42'W	49.3'	"
30019	553834.9	694776.6	PX2	S30°42'W	50.0'	"
30020	553791.9	694751.1	PX2	S60°09'E	50.0'	"
30021	553767.0	694794.5	PX2	S60°09'E	50.0'	"
30022	553742.1	694837.9	PX2	S60°09'E	50.0'	"
30023	553717.2	694881.2	PX2	S59°58'E	50.0'	"
30024	553692.1	694924.5	PX2	S59°48'E	50.0'	"
30025	553667.0	694967.7	PX2	S59°48'E	50.0'	"
30026	553641.9	695010.9	PX2	S59°48'E	45.1'	"
30027	553619.2	695049.9	PX2	S31°46'E	53.2'	"
30028	553573.9	695077.9	PX2	S31°46'E	45.6'	"
30029	553535.1	695101.9	PX2	S88°52'W	54.1'	"
30030	553534.1	695047.9	PX2	S88°52'W	50.0'	"
30031	553533.1	694997.9	PX2	S61°14'W	50.0'	"
30032	553509.0	694954.0	PX2	S61°14'W	50.0'	"
30033	553485.0	694910.2	PX2	S61°14'W	50.0'	"
30034	553460.9	694866.4	PX2	S61°14'W	50.0'	"
30035	553436.8	694822.6	PX2	S61°14'W	50.0'	"
30036	553412.8	694778.7	PX2	S61°14'W	49.0'	"
30037	553389.2	694735.8	PX2	N59°38'W	27.9'	"
30038	553403.3	694711.7	PX2	S43°47'W	134.4'	C
30055	553306.2	694618.7	PS	S46°15'E	44.3'	C/B
30056	553275.6	694650.7	PS	S33°28'E	52.5'	"
30057	553231.8	694679.7	PS	S33°28'E	52.6'	"
30058	553187.9	694708.7	PS	S48°07'E	50.0'	"
30059	553154.5	694745.9	PS	S48°07'E	50.0'	"
30060	553121.1	694783.1	PS	S48°07'E	14.4'	"
30043	553111.5	694793.9	PX1	S48°07'E	40.3'	"
30044	553084.6	694823.8	PX1	S48°07'E	50.0'	"
30061	553051.3	694861.1	PS	S48°07'E	49.1'	"
30062	553018.5	694897.6	PS	N80°00'E	45.8'	"
30045	553026.4	694942.8	PX1	N80°00'E	50.0'	"
30046	553035.1	694992.0	PX1	N80°00'E	50.0'	"
30047	553043.8	695041.2	PX1	N80°00'E	50.0'	"
30048	553052.5	695090.5	PX1	N80°00'E	50.0'	"
30049	553061.2	695139.7	PX1	N80°00'E	50.0'	"
30054	553069.9	695189.0	PX1	N80°00'E	5.4'	"
30050	553070.8	695194.2	PX1	S33°58'W	50.0'	"
30051	553029.3	695166.3	PX1	S33°58'W	50.0'	"
30052	552987.9	695138.4	PX1	S33°58'W	51.9'	"
30053	552944.9	695109.4	PX1	S33°58'W	49.9'	"
30063	552903.5	695081.5	PS	S54°17'W	89.2'	"
30065	552851.4	695009.1	PS	S54°17'W	11.9'	"
30066	552844.5	694999.4	BECO3	S31°31'E	39.6'	"
30067	552810.7	695020.1	BECO3	S31°31'E	52.4'	"
30068	552766.1	695047.5	BECO2	S31°31'E	7.6'	"
30510	552759.6	695051.5	BECO2	S29°51'E	42.4'	"
30069	552722.8	695072.6	BECO2	S29°51'E	50.0'	"
30070	552679.4	695097.5	BECO2	S29°51'E	6.8'	"
30071	552673.5	695100.9	BECO2	S89°11'E	50.0'	"
30072	552672.8	695150.8	BECO2	S89°11'E	48.8'	"
30073	552672.1	695199.6	BECO2	N82°49'E	50.0'	"
30074	552678.4	695249.2	BECO2	N82°49'E	50.0'	"
30075	552684.6	695298.8	BECO2	N82°49'E	40.3'	"
30076	552689.7	695338.8	BECO2	N82°49'E	28.6'	"
30440	552693.2	695367.2	PEBCO	S42°25'W	16.4'	"
30077	552681.2	695356.2	BECO2	S42°25'W	18.8'	"
30078	552667.3	695343.5	BECO2	S05°02'E	50.0'	"
30079	552617.5	695347.9	BECO2	S05°02'E	30.2'	"
30080	552587.5	695350.6	BECO2	S08°04'E	8.6'	"
30081	552518.3	695360.4	BECO2	S08°04'E	69.8'	"
30082	552509.8	695361.6	BECO2	S77°38'E	39.3'	"
30083	552501.4	695400.0	BECO2	S03°07'E	50.0'	"
30084	552451.5	695402.7	BECO2	S03°07'E	49.4'	"
30085	552402.1	695405.4	BECO2	S71°35'E	4.6'	"
31588	552400.7	695409.8	BECO2	S71°35'E	79.2'	"
30086	552375.7	695484.9	BECO1	S71°35'E	9.2'	"
30087	552372.7	695493.7	BECO1	N53°31'E	50.0'	"
30088	552402.5	695533.9	BECO1	N53°31'E	21.1'	"
30089	552415.0	695550.9	BECO1	S30°30'E	48.9'	"
30090	552372.9	695575.5	BECO1	S30°30'E	50.0'	"
30091	552329.8	695601.1	BECO1	S19°11'E	50.0'	"
30092	552282.6	695617.5	BECO1	S19°11'E	10.3'	"
30093	552272.9	695620.9	BECO1	S63°57'E	1342.3'	C
30190	551683.4	696826.8	BECO4	N26°06'E	21.6'	C/B
30189	551702.7	696836.3	BECO4	N43°26'W	60.5'	"
30188	551746.7	696794.7	BECO4	N51°13'E	23.1'	"
30187	551761.1	696812.7	BECO4	N51°13'E	50.0'	"
30186	551792.4	696851.6	BECO4	N51°13'E	50.0'	"
30185	551823.7	696890.6	BECO4	N24°15'W	50.0'	"
30184	551869.3	696870.1	BECO4	N24°15'W	35.3'	"
30183	551901.5	696855.6	BECO4	N26°06'E	41.5'	"
30182	551938.7	696873.8	BECO4			
30191	552316.8	696193.1	RRSM4	N29°56'E	45.0'	C/B
30160	552355.8	696215.5	RTC	N29°56'E	20.4'	"
30159	552373.4	696225.7	RTC	N29°56'E	50.0'	"
30158	552416.8	696250.6	RTC	S90°00'E	29.0'	"
30157	552416.8	696279.6	RTC	S13°07'E	13.4'	"
30156	552403.7	696282.6	RTC	S62°01'W	10.5'	"
30155	552398.8	696273.3	RTC	S42°10'E	14.0'	"
30154	552388.4	696282.7	RTC	S62°45'E	4.5'	"
30153	552386.4	696286.7	RTC	S13°07'E	15.6'	"
30152	552371.2	696290.2	RTC	S13°07'E	43.4'	"
30192	552329.0	696300.1	RRSM4	S63°49'W	50.0'	"
30193	552306.9	696255.2	RRSM4	S63°49'W	23.3'	"
30194	552296.6	696234.3	RRSM4			
30195	552191.5	696515.6	RRSM4	N34°40'E	61.1'	C/B
30196	552241.7	696550.4	RRSM4	N28°22'E	50.0'	"
30197	552285.7	696574.1	RRSM4	N28°22'E	51.0'	"
30198	552330.6	696598.4	RRSM4	S28°00'E	50.0'	"
30199	552286.5	696621.9	RRSM4	S28°00'E	34.4'	"
30200	552256.2	696638.0	RRSM4	S44°58'E	18.7'	"
30201	552242.9	696651.2	RRSM4	S29°37'E	32.1'	"
30202	552215.0	696667.1	RRSM4			
30203	552294.5	696833.8	RRSM4	N43°25'E	50.0'	C/B
30204	552330.8	696868.2	RRSM4	N43°25'E	50.0'	"
30205	552367.1	696902.5	RRSM4	N43°25'E	50.0'	"
30206	552403.5	696936.9	RRSM4	N43°25'E	15.4'	"
30207	552414.6	696947.5	RRSM4	N43°25'E	1.9'	"
31620	552416.0	696948.8	PACER	S89°14'W	2.0'	"
30208	552416.0	696946.8	RRSM4	S89°14'W	50.0'	"
30209	552415.3	696896.8	RRSM4	S89°14'W	48.5'	"
30210	552414.7	696848.3	RRSM4	N00°41'E	50.0'	"
30211	552464.7	696849.0	RRSM4	N00°41'E	50.0'	"
30212	552514.6	696849.6	RRSM4	N00°41'E	50.0'	"
30213	552564.6	696850.2	RRSM4	N00°40'E	48.5'	"
30214	552613.1	696850.7	RRSM4	N00°38'E	37.7'	"
30359	552650.8	696851.1	AART	N00°38'E	42.2'	"
30358	552693.0	696851.6	AART	N00°38'E	50.0'	"
30357	552743.0	696852.1	AART	N00°38'E	52.0'	"
30756	552795.0	696852.7	AART	S00°38'W	2.0'	"
30356	552793.0	696852.7	AART	N70°46'E	50.0'	"
30360	552809.4	696899.9	MAT	N72°59'E	50.0'	"
30361	552824.1	696947.7	MAT	N72°59'E	50.0'	"
30362	552838.7	696995.5	MAT	N72°59'E	50.0'	"
30363	552853.3	697043.3	MAT	N72°59'E	50.0'	"
30364	552868.0	697091.1	MAT	N72°59'E	16.7'	"
30365	552872.9	697107.1	MAT			

LAND CLASS 'A', 'B' & 'C' RESTRICTED AREAS POINTS CHART

POINT NUMBER	NORTHING	EASTING	DESCRIPTION	BEARING	LENGTH	LAND CLASS
30373	552878.5	697125.5	NOD	N72°59'E	19.2'	C/B
30366	552885.7	697100.9	MAT	N73°45'W	25.7'	"
30367	552901.2	697047.5	MAT	N73°45'W	55.6'	"
30368	552915.2	696999.5	MAT	N73°45'W	50.0'	"
30369	552929.2	696951.5	MAT	N73°45'W	50.0'	"
30370	552943.2	696903.5	MAT	N73°45'W	50.0'	"
30371	552957.1	696855.5	MAT	N73°45'W	50.0'	"
30372	552971.1	696807.5	MAT	N73°49'W	50.5'	"
30355	552985.2	696759.0	AART	N80°47'W	46.6'	"
30354	552992.7	696713.0	AART	N80°47'W	30.1'	"
30353	552997.5	696683.3	AART	N80°47'W	50.0'	"
30352	553005.5	696634.0	AART	S76°19'W	52.6'	"
30351	552993.0	696582.8	AART	S76°19'W	184.3'	"
30151	552949.4	696403.8	RTC	S76°19'W	23.6'	"
30150	552943.9	696380.9	RTC	S76°19'W	50.0'	"
30149	552932.3	696332.3	RTC	S89°02'W	30.4'	"
30148	552931.5	696302.0	RTC	S89°02'W	50.0'	"
30147	552930.7	696252.0	RTC	N03°16'E	23.1'	"
30146	552953.7	696253.3	RTC	N03°16'E	50.0'	"
30145	553003.6	696256.1	RTC	N03°35'W	50.0'	"
30144	553053.5	696253.0	RTC	N03°02'W	50.0'	"
30143	553103.4	696250.4	RTC	N30°37'E	38.6'	"
30142	553136.6	696270.0	RTC	N30°37'E	50.0'	"
30141	553179.7	696295.5	RTC	N25°18'W	105.4'	"
30140	553275.0	696250.4	RTC	N90°00'W	47.4'	"
30139	553275.0	696203.0	RTC	N90°00'W	50.0'	"
30138	553275.0	696153.0	RTC	N29°01'E	8.4'	"
30137	553282.3	696157.1	RTC	N29°01'E	50.0'	"
30136	553326.0	696181.3	RTC	N29°04'E	50.0'	"
30135	553369.7	696205.6	RTC	N29°18'E	39.5'	"
30387	553404.1	696224.9	CHRT	N29°18'E	50.0'	"
30388	553447.7	696249.4	CHRT	N87°08'E	50.0'	"
30389	553450.2	696299.3	CHRT	N87°08'E	54.4'	"
30390	553453.0	696353.7	CHRT	S86°59'E	59.5'	"
30342	553449.8	696413.1	AAA	S86°59'E	37.6'	"
30343	553447.9	696450.7	AAA	S89°27'E	50.3'	"
30344	553447.4	696501.0	AAA	S89°27'E	50.0'	"
30345	553446.9	696551.0	AAA	S31°06'E	50.5'	"
30346	553403.7	696577.0	AAA	S31°06'E	50.0'	"
30347	553360.8	696602.9	AAA	S59°55'E	50.0'	"
30348	553335.8	696646.1	AAA	S59°55'E	78.3'	"
30349	553296.5	696713.9	AAA	S59°55'E	20.7'	"
30350	553286.1	696731.8	AAA	S59°55'E	19.9'	"
30380	553276.2	696749.0	CHRT	S31°31'E	61.0'	"
30381	553224.2	696780.9	CHRT	S27°47'E	40.1'	"
30382	553188.7	696799.5	CHRT	N60°38'E	50.0'	"
30383	553213.3	696843.1	CHRT	N60°38'E	50.0'	"
30384	553237.8	696886.7	CHRT	N60°38'E	50.0'	"
30385	553262.3	696930.3	CHRT	N60°38'E	25.5'	"
30386	553274.8	696952.5	CHRT	N68°45'E	45.4'	"
30379	553291.3	696994.8	GANG	N68°45'E	29.9'	"
30378	553302.1	697022.7	GANG	N68°45'E	50.0'	"
30377	553320.2	697069.3	GANG	N68°45'E	50.0'	"
30376	553338.3	697115.9	GANG	N68°45'E	50.0'	"
30375	553356.5	697162.5	GANG	N47°23'E	45.9'	"
31601	553387.5	697196.3	GANG	N47°23'E	2.5'	"
31602	553389.2	697198.1	GANG	N47°23'E	1.6'	"
30374	553390.3	697199.3	GANG	N47°23'E	5.1'	"
31603	553393.7	697203.0	GANG	N47°23'E	6.3'	"
31604	553398.0	697207.6	GANG	N47°23'E	7.3'	"
31605	553403.0	697213.0	GANG	N47°23'E	38.3'	"
30284	553428.9	697241.2	WRA	N47°23'E	55.4'	"
30283	553466.4	697282.0	WRA	N47°23'E	50.0'	"
30282	553500.2	697318.7	WRA	N65°44'E	14.0'	"
30281	553506.0	697331.5	WRA	S72°13'W	27.3'	C/D
32067	553497.7	697305.5	WRA	N69°09'W	13.7'	"
32066	553502.5	697292.7	WRA	N44°07'W	12.5'	"
32065	553511.5	697284.0	WRA	N31°30'W	25.7'	"
32064	553533.4	697270.6	WRA	N34°46'W	25.4'	"
32063	553554.3	697256.1	WRA	N17°08'W	28.3'	"
32062	553581.3	697247.7	WRA	N29°53'W	13.0'	"
32061	553592.6	697241.3	WRA	N74°20'W	14.3'	"
32060	553596.4	697227.5	WRA	S89°52'W	36.1'	"
31600	553596.6	697191.4	GANG	S84°10'W	19.1'	"
32059	553594.4	697172.4	GANG	S75°42'W	12.7'	"
31599	553591.3	697160.1	CHRT	S75°42'W	11.8'	"
32058	553588.4	697148.7	CHRT	S67°21'W	65.8'	"
32057	553563.0	697088.0	CHTR	S68°03'W	31.9'	"
32056	553551.1	697058.4	CHRT	S70°57'W	57.1'	"
32055	553532.5	697004.4.	CHRT	S66°57'W	50.2'	"
32054	553512.8	696958.3	CHRT	S64°59'W	54.8'	"
32053	553489.6	696908.6	CHRT	S45°00'W	48.5'	"
32052	553455.4	696874.3	CHRT	S27°28'W	41.5'	"
32051	553418.5	696855.1	CHRT	S38°26'W	54.7'	"
32050	553375.7	696821.2	CHRT	S38°26'W	54.7'	"
32049	553332.9	696787.2	CHRT	S45°00'W	46.9'	"
32048	553299.7	696754.0	CHRT	S84°14'W	19.8'	"
32047	553297.7	696734.3	CHRT	N62°18'W	12.0'	"
31598	553303.3	696723.7	ATLA	N55°51'W	13.8'	"
32046	553311.0	696712.3	AAA	N39°49'W	12.6'	"
31621	553320.7	696704.2	AAA	N17°02'W	14.2'	"
32045	553334.2	696700.1	AAA	N02°07'E	17.6'	"
31597	553351.8	696700.7	ATLA	N22°25'E	33.9'	"
32044	553383.1	696713.7	CHRT	N45°00'E	57.7'	"
32043	553423.9	696754.5	CHRT	N45°00'E	50.0'	"
32042	553459.3	696789.8	CHRT	N61°56'W	78.4'	"
32041	553496.2	696720.6	CHRT	N52°05'W	50.4'	"
32040	553527.1	696680.9	CHRT	N24°36'W	40.0'	"
32039	553563.5	696664.2	CHRT	N05°52'E	39.6'	"
32038	553602.9	696668.3	CHRT	N26°03'E	38.5'	"
32037	553637.5	696685.2	CHRT	N08°23'E	62.9'	"
32036	553699.7	696694.4	CHRT	N35°35'W	50.7'	"
32035	553740.9	696664.9	CHRT	N43°28'W	50.0'	"
32034	553777.2	696630.5	CHRT	N23°10'W	53.9'	"
32033	553826.7	696609.3	CHRT	N08°49'W	46.5'	"
32032	553872.7	696602.2	CHRT	N27°43'W	26.2'	"
32031	553895.8	696590.0	CHRT	N18°12'W	28.0'	"
32030	553922.4	696581.2	CHRT	N26°25'E	39.2'	"
32029	553957.6	696598.7	CHRT	N45°00'E	63.4'	"
32028	554002.4	696643.5	CHRT	N45°00'E	63.4'	"
32027	554047.2	696688.3	CHRT	N73°26'E	52.5'	"
32026	554062.2	696738.6	CHRT	N52°02'E	51.1'	"
32025	554093.6	696778.9	CHRT	N52°02'E	28.6'	"
31607	554111.2	696801.4	CHRT	N52°02'E	22.5'	"
32024	554125.0	696819.2	RRSM	N88°11'E	35.3'	"
31608	554126.2	696854.5	CHRT	S81°34'E	16.6'	"
32023	554123.7	696870.9	CHRT	S67°19'E	54.0'	"
32022	554102.9	696920.8	CHRT	S67°42'E	40.6'	"
32021	554087.5	696958.4	CHRT	S74°58'E	43.3'	"
32020	554076.2	697000.2	CHRT	S72°41'E	42.3'	"
32019	554063.6	697040.6	CHRT	S58°47'E	26.5	"
31609	554049.9	697063.3	CHRT	S55°18'E	12.0'	"
32018	554043.1	697073.1	RRSM3	S48°10'E	25.0'	"
32017	554026.4	697091.8	RRSM3	S30°20'E	51.7'	"
32016	553981.8	697117.9	RRSM3	S17°55'E	42.1'	"
32015	553941.7	697130.8	RRSM3	S03°19'E	67.0'	"
32014	553874.9	697134.7	RRSM4	S17°02'E	42.5'	"
32013	553834.3	697147.1	RRSM4	S31°16'E	51.5'	"
32012	553790.3	697173.8	RRSM4	S02°59'W	18.7'	"
32011	553771.6	697172.9	RRSM4	S28°56'W	42.4'	"
31610	553734.5	697152.4	CHRT	S28°56'W	2.8'	"
32010	553732.1	697151.0	CHRT	S32°39'E	6.7'	"
31611	553726.4	697154.7	CHRT	S32°39'E	6.1'	"
32009	553721.3	697157.9	RRSM4	N81°10'E	21.2'	"
32008	553724.6	697178.9	RRSM4	N45°00'E	19.1'	"
32005	553738.1	697192.4	COW	N45°00'E	16.9'	"
32007	553750.0	697204.3	COW	N01°48'W	17.2'	"
32006	553767.1	697203.7	COW	N04°20'W	49.4'	"
32004	553816.4	697200.0	COW	N04°53'W	49.0'	"
32003	553865.3	697195.8	COW	N02°19'W	51.0'	"
32002	553916.2	697193.8	COW	N08°57'E	42.5'	"
32001	553958.2	697200.4	COW	N45°00'E	33.7'	"
32000	553982.0	697224.2	COW	N45°00'E	33.7'	"
30437	554005.9	697248.0	COW	N41°56'W	87.8'	C/A
30438	554071.2	697189.3	COW	N58°53'W	39.4'	"
30439	554091.5	697155.6	COW	N77°17'W	65.0'	"
30215	554105.8	697092.2	RRSM3	N77°17'W	40.2'	"
30216	554114.7	697053.1	RRSM3	N79°02'W	8.7'	"
30217	554116.3	697044.5	RRSM3	N79°02'W	11.2'	"
30391	554118.5	697033.5	CHRT	N79°02'W	35.3'	"
30392	554125.2	696998.8	CHRT	N79°02'W	50.0'	"
30393	554134.7	696949.7	CHRT			

LAND CLASS 'A', 'B' & 'C' RESTRICTED AREAS POINTS CHART

POINT NUMBER	NORTHING	EASTING	DESCRIPTION	BEARING	LENGTH	LAND CLASS
30394	554151.5	696980.8	CHRT	N61°36'E	35.3'	C/A
30218	554176.7	697027.4	RRSM3	N61°36'E	53.1'	"
30219	554184.2	697041.3	RRSM3	N61°36'E	15.7'	"
30441	554225.0	697116.8	COW	N61°36'E	85.8'	"
30273	554265.1	697024.0	RRSM1	N66°38'W	101.0'	"
30272	554271.4	697009.5	RRSM1	N66°38'W	15.8'	"
30271	554291.2	696963.6	RRSM1	N66°38'W	50.0'	"
30270	554311.0	696917.7	RRSM1	N66°38'W	50.0'	"
30269	554330.9	696871.8	RRSM1	N66°38'W	50.0'	"
30268	554362.0	696847.2	RRSM1	N38°16'W	39.6'	"
30267	554401.2	696816.3	RRSM1	N38°16'W	50.0'	"
30266	554440.5	696785.3	RRSM1	N38°16'W	50.0'	"
30265	554432.6	696749.8	RRSM1	S77°28'W	36.4'	"
30264	554421.7	696701.0	RRSM1	S77°28'W	50.0'	"
30263	554410.9	696652.2	RRSM1	S77°28'W	50.0'	"
30262	554423.1	696634.0	RRSM1	N56°05'W	21.9'	"
30261	554451.0	696592.5	RRSM1	N56°05'W	50.0'	"
30260	554478.9	696551.0	RRSM1	N56°05'W	50.0'	"
30259	554501.8	696538.0	RRSM1	N29°37'W	26.3'	"
30258	554545.2	696513.3	RRSM1	N29°37'W	50.0'	"
32138	554502.0	696489.0	RRSM1	S29°18'W	49.6'	C/D
32139	554471.9	696458.9	RRSM1	S45°00'W	42.5'	"
32140	554465.8	696435.2	RRSM1	S75°36'W	24.6'	"
32141	554467.7	696401.7	RRSM1	N86°42'W	33.5'	"
32142	554480.7	696361.7	RRSM1	N71°58'W	42.1'	"
32143	554485.7	696313.6	RRSM1	N84°09'W	48.4'	"
32144	554486.8	696261.7	RRSM1	N88°44'W	51.9'	"
32145	554489.1	696228.7	RRSM1	N85°59'W	33.1'	"
32146	554495.3	696199.5	RRSM1	N78°06'W	29.8'	"
32147	554512.7	696163.9	RRSM1	N63°53'W	39.6'	"
31614	554515.0	696160.1	RRSM1	N58°55'W	4.4'	"
32148	554533.0	696131.2	RRSM1	N58°08'W	34.1'	"
32149	554553.1	696098.2	RRSM1	N58°38'W	38.6'	"
32150	554565.8	696075.5	RRSM1	N60°46'W	26.0'	"
32151	554568.7	696066.6	RRSM1	N72°05'W	9.4'	"
32152	554593.1	696049.8	RRSM1	N34°30'W	29.6'	"
32153	554629.6	696033.3	RRSM1	N24°21'W	40.1'	"
32154	554651.9	696020.2	RRSM1	N30°30'W	25.8'	"
32155	554674.2	696007.2	RRSM1	N30°12'W	25.9'	"
32156	554702.0	695999.6	RRSM1	N15°20'W	28.8'	"
32157	554732.7	695994.9	RRSM1	N08°35'W	31.1'	"
32158	554751.6	695996.1	RRSM1	N03°40'E	18.9'	"
32159	554779.4	696024.0	RRSM1	N45°00'E	39.4'	"
31618	554783.8	696033.9	TRT	N66°04'E	10.8'	"
32130	554793.5	696055.8	TRT	N66°04'E	24.0'	"
32131	554814.6	696112.3	TRT	N69°29'E	60.3'	"
32132	554825.3	696140.6	TRT	N69°22'E	30.3'	"
32133	554848.8	696199.5	TRT	N68°14'E	63.4'	"
32134	554854.5	696222.9	TRT	N76°17'E	24.1'	"
32135	554856.7	696260.4	TRT	N86°42'E	37.6'	"
32136	554848.3	696305.0	TRT	S79°23'E	45.4'	"
32137	554834.1	696343.8	TRT	S69°51'E	41.3'	"
30442	554817.7	696380.5	TRT	S65°52'E	40.1'	"
30443	554874.5	696381.9	TRT	N01°29'E	56.8'	C/A
32176	554877.2	696373.9	TRT	N71°06'W	8.5'	C
32175	554872.7	696364.8	TRT	S63°29'W	10.2'	"
32174	554879.6	696349.8	TRT	N65°17'W	16.5'	"
32173	554888.8	696346.9	TRT	N17°34'W	9.7'	"
32172	554904.6	696317.7	TRT	N61°35'W	33.2'	"
32171	554916.9	696208.1	TRT	N83°35'W	110.3'	"
32170	554902.3	696079.7	TRT	S83°31'W	129.3'	"
30338	554887.8	695964.0	TRT	S82°49'W	116.6'	"
30337	554859.7	695937.9	TRT	S42°54'W	38.4'	C/A
30336	554868.4	695933.9	TRT	N24°25'W	9.6'	"
30335	554888.8	695926.6	TRT	N19°37'W	21.7'	"
30334	554892.9	695905.3	TRT	N79°12'W	21.7'	"
30333	554887.5	695891.1	TRT	S69°07'W	15.2'	"
30332	554863.2	695882.8	TRT	S18°51'W	25.7'	"
30331	554815.9	695866.6	TRT	S18°51'W	50.0'	"
30330	554768.6	695850.5	TRT	S18°51'W	50.0'	"
30313	554766.6	695832.2	RRSM1	S83°43'W	18.4'	"
30314	554759.8	695770.8	RRSM1	S83°43'W	61.7'	"
31617	554761.5	695770.5	TRT	N11°03'W	1.8'	"
30329	554768.5	695769.0	TRT	N12°26'W	7.1'	"
30328	554777.0	695766.7	TRT	N14°55'W	8.9'	"
30327	554802.4	695753.7	TRT	N27°04'W	28.5'	"
30326	554820.8	695732.0	TRT	N49°45'W	28.5'	"
30325	554851.6	695688.2	TRT	N54°56'W	53.6'	"
30324	554856.9	695675.0	TRT	N68°02'W	14.2'	"
30323	554857.8	695660.8	TRT	N86°17'W	14.2'	"
30322	554856.3	695633.5	TRT	S86°49'W	27.4'	"
30321	554858.8	695621.9	TRT	N77°37'W	11.8'	"
30320	554846.8	695603.9	TRT	S56°15'W	21.6'	"
30319	554812.3	695550.4	TRT	S57°10'W	63.7'	"
30318	554787.3	695507.0	TRT	S60°07'W	50.0'	"
30317	554765.1	695479.1	TRT	S51°27'W	35.7'	"
30316	554733.9	695440.0	TRT	S51°27'W	50.0'	"
30315	554731.3	695412.6	TRT	S84°27'W	27.56	"
30225	554584.6	695169.8	RRSM1	S59°29'E	50.0'	C/B
30226	554559.2	695212.9	RRSM1	S60°03'E	50.0'	"
30227	554534.3	695256.2	RRSM1	S59°29'E	50.0'	"
30228	554508.9	695299.3	RRSM1	S59°29'E	50.0'	"
30229	554483.5	695342.4	RRSM1	S59°57'E	50.0'	"
30230	554458.5	695385.7	RRSM1	S60°03'E	50.0'	"
30231	554433.5	695429.0	RRSM1	S60°03'E	50.0'	"
30232	554408.5	695472.3	RRSM1	S60°03'E	31.3'	"
30233	554392.9	695499.5	RRSM1	S30°45'E	48.6'	"
30234	554351.1	695524.3	RRSM1	S30°41'E	51.4'	"
30235	554306.9	695550.5	RRSM1	S30°19'E	49.0'	"
30236	554264.6	695575.3	RRSM1	S30°19'E	50.0'	"
30237	554221.4	695600.5	RRSM1	S29°16'E	50.0'	"
30238	554177.8	695625.0	RRSM1	S29°16'E	50.9'	"
30239	554133.4	695649.9	RRSM1	N82°07'W	47.8'	"
30134	554139.9	695602.5	RTC	N82°07'W	34.9'	"
30133	554144.7	695568.0	RTC	S61°45'W	22.4'	"
30132	554134.1	695548.2	RTC	S29°40'W	49.1'	"
30131	554091.5	695523.9	RTC	S29°40'W	50.0'	"
30130	554048.0	695499.1	RTC	N89°34'W	48.3'	"
30129	554048.4	695450.8	RTC	S90°00'W	50.0'	"
30128	554048.4	695400.8	RTC	N89°35'W	50.0'	"
30127	554048.7	695350.8	RTC	N90°00'W	50.0'	"
30126	554048.7	695300.8	RTC	N78°40'W	38.4'	"
30125	554056.3	695263.2	RTC	N78°40'W	50.0'	"
30124	554066.1	695214.2	RTC	N58°52'W	119.4'	"
30274	554127.8	695112.0	KOSTER1	N38°15'W	50.0'	"
30275	554167.1	695081.0	KOSTER1	N38°15'W	50.0'	"
30276	554206.4	695050.1	KOSTER1	N38°15'W	29.2'	"
30277	554229.3	695032.0	KOSTER1	N62°54'W	19.2'	"
30278	554238.0	695014.9	KOSTER1	N62°54'W	53.2'	"
30279	554262.3	694967.6	WRA			
30042	554319.7	694873.0	PX2	S61°41'W	18.7'	C/B
30041	554310.8	694856.6	PX2	N06°43'E	17.7'	"
30040	554328.4	694858.6	PX2	N14°02'W	17.7'	"
30039	554345.5	694854.4	PX2	S73°20'W	33.7'	"
30000	554335.8	694822.0	PX2			
30161	551397.1	697979.2	BECO4	S22°52'E	51.0'	C/B
30162	551350.2	697999.0	BECO4	S22°53'E	50.0'	"
30163	551304.1	698018.4	BECO4	S22°53'E	41.9'	"
30164	551265.4	698034.7	BECO4	S36°06'W	50.0'	"
30165	551225.1	698005.2	BECO4	S36°06'W	50.0'	"
30166	551184.7	697975.8	BECO4	S36°06'W	50.0'	"
30167	551144.3	697946.3	BECO4	S36°06'W	8.6'	"
30168	551137.3	697941.2	BECO4	S63°54'E	223.2'	C
30169	551039.1	698141.7	BECO4	N26°06'E	19.5'	C/B
30170	551056.6	698150.3	BECO4	S85°47'E	50.0'	"
30171	551052.9	698200.1	BECO4	S85°47'E	50.0'	"
30172	551049.2	698250.0	BECO4	S85°47'E	50.0'	"
30173	551045.5	698299.9	BECO4	S85°47'E	16.9'	"
30174	551044.3	698316.7	BECO4	N71°52'E	46.7'	"
30175	551058.8	698361.0	BECO4	N71°52'E	50.0'	"
30176	551074.4	698408.6	BECO4	N28°00'W	50.0'	"
30177	551118.6	698385.1	BECO4	N28°00'W	50.0'	"
30178	551162.7	698361.6	BECO4	N28°00'W	50.0'	"
30179	551206.8	698338.1	BECO4	N28°00'W	8.5'	"
30180	551214.3	698334.2	BECO4	N26°06'E	8.0'	"
30181	551221.5	698337.7	BECO4	N63°54'W	399.2'	C
30161	551397.1	697979.2	BECO4			

LAND CLASS 'D' RESTRICTED AREAS POINTS CHART

POINT NUMBER	NORTHING	EASTING	DESCRIPTION	BEARING	LENGTH	LAND CLASS
30437	554005.9	697248.0	COW	S40°40'E	25.1'	D/A
30436	553986.8	697264.4	COW	S03°06'W	28.1'	"
30435	553958.8	697262.8	COW	S05°11'W	39.1'	"
30434	553919.8	697259.3	COW	S39°54'W	34.1'	"
30433	553893.7	697237.5	COW	S22°40'W	24.8'	"
30432	553870.8	697227.9	COW	S15°52'E	14.3'	"
30431	553857.1	697231.8	COW	S68°45'E	15.7'	"
30430	553851.4	697246.5	COW	N72°17'E	6.1'	"
30429	553853.2	697252.3	COW	N26°12'E	14.6'	"
30428	553866.3	697258.7	COW	N14°56'E	8.0'	"
30427	553874.0	697260.8	COW	N49°07'E	6.9'	"
30426	553878.6	697266.0	COW	S47°18'E	9.8'	"
30425	553872.0	697273.2	COW	S15°12'E	14.4'	"
30424	553858.1	697277.0	COW	S04°05'E	16.5'	"
30423	553841.6	697278.2	COW	S04°55'W	38.8'	"
30422	553802.9	697274.8	COW	S06°09'W	49.8'	"
30421	553753.3	697269.5	COW	S12°56'E	22.1'	"
30420	553731.8	697274.4	COW	S17°41'E	14.1'	"
30419	553718.4	697278.7	COW	S34°00'W	32.7'	"
30418	553691.2	697260.4	COW	N88°02'E	8.5'	"
30417	553690.9	697269.0	COW	N74°22'E	12.7'	"
30416	553694.4	697281.2	COW	S52°29'E	18.9'	"
30415	553682.8	697296.2	COW	S78°24'E	15.0'	"
30414	553679.8	697310.9	COW	N86°29'E	28.3'	"
30413	553681.6	697339.2	COW	N67°45'E	32.3'	"
30412	553693.8	697369.1	COW	N59°27'E	50.1'	"
30411	553719.3	697412.2	COW	N83°12'E	20.2'	"
30410	553721.7	697432.3	COW	S23°27'E	13.4'	"
30409	553709.3	697437.6	COW	S00°06'E	17.6'	"
30408	553691.7	697437.7	COW	S04°53'W	38.8'	"
30407	553653.0	697434.4	COW	S16°02'W	25.8'	"
30406	553628.2	697427.2	COW	S24°19'W	35.4'	"
30405	553596.0	697412.7	COW	S32°31'W	28.9'	"
30404	553571.6	697397.1	COW	S45°00'W	56.3'	"
30280	553531.8	697357.3	WRA	S45°00'W	36.4'	"
30281	553506.0	697331.5	WRA	S65°44'W	8.7'	"
33000	553502.4	697323.6	WRA	S65°44'W	5.4'	"
30282	553500.2	697318.7	WRA	S78°57'W	13.5'	D/C
32067	553497.7	697305.5	WRA	N69°09'W	13.7'	"
32066	553502.5	697292.7	WRA	N44°07'W	12.5'	"
32065	553511.5	697284.0	WRA	N31°30'W	25.7'	"
32064	553533.4	697270.6	WRA	N34°46'W	25.4'	"
32063	553554.3	697256.1	WRA	N17°08'W	28.3'	"
32062	553581.3	697247.7	WRA	N29°53'W	13.0'	"
32061	553592.6	697241.3	WRA	N74°20'W	14.3'	"
32060	553596.4	697227.5	WRA	S89°52'W	36.1'	"
31600	553596.6	697191.4	GANG	S84°10'W	19.1'	"
32059	553594.4	697172.4	GANG	S75°42'W	12.7'	"
31599	553591.3	697160.1	CHRT	S75°42'W	11.8'	"
32058	553588.4	697148.7	CHRT	S67°21'W	65.8'	"
32057	553563.0	697088.0	CHTR	S68°03'W	31.9'	"
32056	553551.1	697058.4	CHRT	S70°57'W	57.1'	"
32055	553532.5	697004.4	CHRT	S66°57'W	50.2'	"
32054	553512.8	696958.3	CHRT	S64°59'W	54.8'	"
32053	553489.6	696908.6	CHRT	S45°00'W	48.5'	"
32052	553455.4	696874.3	CHRT	S27°28'W	41.5'	"
32051	553418.5	696855.1	CHRT	S38°26'W	54.7'	"
32050	553375.7	696821.2	CHRT	S38°26'W	54.7'	"
32049	553332.9	696787.2	CHRT	S45°00'W	46.9'	"
32048	553299.7	696754.0	CHRT	S84°14'W	19.8'	"
32047	553297.7	696734.3	CHRT	N62°18'W	12.0'	"
31598	553303.3	696723.7	ATLA	N55°51'W	13.8'	"
32046	553311.0	696712.3	AAA	N39°49'W	12.6'	"
31621	553320.7	696704.2	AAA	N17°02'W	14.2'	"
32045	553334.2	696700.1	AAA	N02°07'E	17.6'	"
31597	553351.8	696700.7	ATLA	N22°25'E	33.9'	"
32044	553383.1	696713.7	CHRT	N45°00'E	57.7'	"
32043	553423.9	696754.5	CHRT	N45°00'E	50.0'	"
32042	553459.3	696789.8	CHRT	N61°56'W	78.4'	"
32041	553496.2	696720.6	CHRT	N52°05'W	50.4'	"
32040	553527.1	696680.9	CHRT	N24°36'W	40.0'	"
32039	553563.5	696664.2	CHRT	N05°52'E	39.6'	"
32038	553602.9	696668.3	CHRT	N26°03'E	38.5'	"
32037	553637.5	696685.2	CHRT	N08°23'E	62.9'	"
32036	553699.7	696694.4	CHRT	N35°35'W	50.7'	"
32035	553740.9	696664.9	CHRT	N43°28'W	50.0'	"
32034	553777.2	696630.5	CHRT	N23°10'W	53.9'	"
32033	553826.7	696609.3	CHRT	N08°49'W	46.5'	"
32032	553872.7	696602.2	CHRT	N27°43'W	26.2'	"
32031	553895.8	696590.0	CHRT	N18°12'W	28.0'	"
32030	553922.4	696581.2	CHRT	N26°25'E	39.2'	"
32029	553957.6	696598.7	CHRT	N45°00'E	63.4'	"
32028	554002.4	696643.5	CHRT	N45°00'E	63.4'	"
32027	554047.2	696688.3	CHRT	N73°26'E	52.5'	"
32026	554062.2	696738.6	CHRT	N52°02'E	51.1'	"
32025	554093.6	696778.9	CHRT	N52°02'E	28.6'	"
31607	554111.2	696801.4	CHRT	N52°02'E	22.5'	"
32024	554125.0	696819.2	RRSM	N88°11'E	35.3'	"
31608	554126.2	696854.5	CHRT	S81°34'E	16.6'	"
32023	554123.7	696870.9	CHRT	S67°19'E	54.0'	"
32022	554102.9	696920.8	CHRT	S67°42'E	40.6'	"
32021	554087.5	696958.4	CHRT	S74°58'E	43.3'	"
32020	554076.2	697000.2	CHRT	S72°41'E	42.3'	"
32019	554063.6	697040.6	CHRT	S58°47'E	26.5	"
31609	554049.9	697063.3	CHRT	S55°18'E	12.0'	"
32018	554043.1	697073.1	RRSM3	S48°10'E	25.0'	"
32017	554026.4	697091.8	RRSM3	S30°20'E	51.7'	"
32016	553981.8	697117.9	RRSM3	S17°55'E	42.1'	"
32015	553941.7	697130.8	RRSM3	S03°19'E	67.0'	"
32014	553874.9	697134.7	RRSM4	S17°02'E	42.5'	"
32013	553834.3	697147.1	RRSM4	S31°16'E	51.5'	"
32012	553790.3	697173.8	RRSM4	S02°59'W	18.7'	"
32011	553771.6	697172.9	RRSM4	S28°56'W	42.4'	"
31610	553734.5	697152.4	CHRT	S28°56'W	2.8'	"
32010	553732.1	697151.0	CHRT	S32°39'E	6.7'	"
31611	553726.4	697154.7	CHRT	S32°39'E	6.1'	"
32009	553721.3	697157.9	RRSM4	N81°10'E	21.2'	"
32008	553724.6	697178.9	RRSM4	N45°00'E	36.0'	"
32007	553750.0	697204.3	COW	N01°48'W	17.2'	"
32006	553767.1	697203.7	COW	N04°20'W	49.4'	"
32004	553816.4	697200.0	COW	N04°53'W	49.0'	"
32003	553865.3	697195.8	COW	N02°19'W	51.0'	"
32002	553916.2	697193.8	COW	N08°57'E	42.5'	"
32001	553958.2	697200.4	COW	N45°00'E	33.7'	"
32000	553982.0	697224.2	COW	N45°00'E	33.7'	"
30437	554005.9	697248.0	COW			
32068	552549.7	696675.7	RRSM4	N64°08'E	57.2'	D/C
32069	552574.6	696727.2	RRSM4	N66°01'E	52.3'	"
32070	552595.9	696775.0	RRSM4	N80°40'E	21.4'	"
32071	552599.4	696796.1	RRSM4	S61°53'E	26.1'	"
32072	552587.1	696819.2	RRSM4	S30°45'E	25.8'	"
32073	552564.9	696832.4	RRSM4	S07°20'E	31.6'	"
32074	552533.6	696836.4	RRSM4	S15°19'W	25.2'	"
32075	552509.2	696829.7	RRSM4	S21°53'W	63.7'	"
32076	552450.2	696806.0	RRSM4	S12°45'W	23.4'	"
32077	552427.3	696800.8	RRSM4	S10°40'E	15.1'	"
32078	552412.4	696803.6	RRSM4	S46°41'E	12.5'	"
32079	552403.9	696812.7	RRSM4	S75°34'E	29.0'	"
32080	552396.6	696840.9	RRSM4	S66°16'E	26.8'	"
32081	552385.8	696865.4	RRSM4	S15°01'W	25.0'	"
32082	552361.7	696858.9	RRSM4	S45°00'W	27.3'	"
32083	552342.4	696839.7	RRSM4	S62°59'W	40.5'	"
32084	552324.0	696803.6	RRSM4	S70°16'W	43.9'	"
32085	552309.2	696762.2	RRSM4	S71°41'W	41.8'	"
32086	552296.0	696722.6	RRSM4	S79°32'W	22.0'	"
32087	552292.0	696700.9	RRSM4	N66°09'W	26.8'	"
32088	552302.9	696676.4	RRSM4	N38°47'W	37.7'	"
32089	552332.3	696652.8	RRSM4	N29°08'W	39.0'	"
32090	552366.3	696633.8	RRSM4	N30°08'W	38.8'	"
32091	552399.9	696614.3	RRSM4	N18°16'W	41.9'	"
32092	552439.8	696601.1	RRSM4	N01°07'E	36.0'	"
32093	552475.8	696601.8	RRSM4	N45°00'E	52.2'	"
32094	552512.8	696638.8	RRSM4	N45°00'E	52.2'	"
32068	552549.7	696675.7	RRSM4			

LAND CLASS 'D' RESTRICTED AREAS POINTS CHART

POINT NUMBER	NORTHING	EASTING	DESCRIPTION	BEARING	LENGTH	LAND CLASS
30258	554545.2	696513.3	RRSM1	S29°18'W	49.6'	D/C
32138	554502.0	696489.0	RRSM1	S45°00'W	42.5'	"
32139	554471.9	696458.9	RRSM1	S75°36'W	24.6'	"
32140	554465.8	696435.2	RRSM1	N86°42'W	33.5'	"
32141	554467.7	696401.7	RRSM1	N71°58'W	42.1'	"
32142	554480.7	696361.7	RRSM1	N84°09'W	48.4'	"
32143	554485.7	696313.6	RRSM1	N88°44'W	51.9'	"
32144	554486.8	696261.7	RRSM1	N85°59'W	33.1'	"
32145	554489.1	696228.7	RRSM1	N78°06'W	29.8'	"
32146	554495.3	696199.5	RRSM1	N63°53'W	39.6'	"
32147	554512.7	696163.9	RRSM1	N58°55'W	4.4'	"
31614	554515.0	696160.1	RRSM1	N58°08'W	34.1'	"
32148	554533.0	696131.2	RRSM1	N58°38'W	38.6'	"
32149	554553.1	696098.2	RRSM1	N60°46'W	26.0'	"
32150	554565.8	696075.5	RRSM1	N72°05'W	9.4'	"
32151	554568.7	696066.6	RRSM1	N34°30'W	29.6'	"
32152	554593.1	696049.8	RRSM1	N24°21'W	40.1'	"
32153	554629.6	696033.3	RRSM1	N30°30'W	25.8'	"
32154	554651.9	696020.2	RRSM1	N30°12'W	25.9'	"
32155	554674.2	696007.2	RRSM1	N15°20'W	28.8'	"
32156	554702.0	695999.6	RRSM1	N08°35'W	31.1'	"
32157	554732.7	695994.9	RRSM1	N03°40'E	18.9'	"
32158	554751.6	695996.1	RRSM1	N45°00'E	39.4'	"
32159	554779.4	696024.0	RRSM1	N66°04'E	10.8'	"
31618	554783.8	696033.9	TRT	N66°04'E	24.0'	"
32130	554793.5	696055.8	TRT	N69°29'E	60.3'	"
32131	554814.6	696112.3	TRT	N69°22'E	30.3'	"
32132	554825.3	696140.6	TRT	N68°14'E	63.4'	"
32133	554848.8	696199.5	TRT	N76°17'E	24.1'	"
32134	554854.5	696222.9	TRT	N86°42'E	37.6'	"
32135	554856.7	696260.4	TRT	S79°23'E	45.4'	"
32136	554848.3	696305.0	TRT	S69°51'E	41.3'	"
32137	554834.1	696343.8	TRT	S65°52'E	40.1'	"
30442	554817.7	696380.5	TRT	S63°20'E	14.5'	D/A
30247	554811.2	696393.5	RRSM1	S60°19'E	44.0'	"
30248	554789.4	696431.7	RRSM1	S53°29'E	56.9'	"
30249	554755.5	696477.4	RRSM1	S42°44'E	31.3'	"
30250	554732.6	696498.6	RRSM1	S33°40'E	31.9'	"
30251	554706.0	696516.3	RRSM1	S24°32'E	30.0'	"
30252	554678.7	696528.8	RRSM1	S16°56'E	24.8'	"
30253	554655.0	696536.0	RRSM1	S07°32'E	27.6'	"
30254	554627.7	696539.6	RRSM1	S03°23'W	23.5'	"
30255	554604.2	696538.2	RRSM1	S15°59'W	27.0'	"
30256	554578.3	696530.8	RRSM1	S26°48'W	27.0'	"
30257	554554.2	696518.6	RRSM1	S30°45'W	10.4'	"
30258	554545.2	696513.3	RRSM1			
31612	554531.4	695498.2	RRSM1	N40°26'W	16.2'	D/C
32123	554543.6	695487.7	RRSM1	N48°13'W	25.0'	"
32124	554560.3	695469.0	RRSM1	N31°24'W	25.7'	"
32125	554582.3	695455.6	RRSM1	N11°30'W	45.0'	"
32126	554626.4	695446.7	RRSM1	N03°33'W	33.4'	"
32127	554659.6	695444.6	RRSM1	N06°04'E	40.3'	"
32128	554699.7	695449.3	RRSM1	N22°28'E	32.6'	"
32129	554729.8	695461.7	RRSM1	N45°00'E	8.7'	"
31615	554736.0	695467.9	TRT	N45°00'E	28.0'	"
32095	554755.8	695487.7	TRT	N45°00'E	36.7'	"
32096	554781.7	695513.6	TRT	N69°06'E	30.6'	"
32097	554792.6	695542.2	TRT	S85°25'E	32.8'	"
32098	554790.0	695575.0	TRT	S72°12'E	42.2'	"
32099	554777.1	695615.1	TRT	S65°49'E	53.5'	"
32100	554755.2	695663.9	TRT	S60°41'E	4.8'	"
31616	554752.9	695668.1	TRT	S56°10'E	46.3'	"
32101	554727.1	695706.5	RRSM1	S43°06'E	50.0'	"
32102	554690.5	695740.7	RRSM1	S32°54'E	51.1'	"
32103	554647.6	695768.4	RRSM1	S29°00'E	52.0'	"
32104	554602.1	695793.7	RRSM1	S29°02'E	52.0'	"
32105	554556.6	695818.9	RRSM1	S25°16'E	53.1'	"
32106	554508.6	695841.6	RRSM1	S26°50'E	39.5'	"
32107	554473.4	695859.4	RRSM1	S28°14'E	2.6'	"
31613	554471.1	695860.7	RRSM1	S26°03'E	37.0'	"
32108	554437.8	695876.9	RRSM1	S07°44'E	15.7'	"
32109	554422.3	695879.0	RRSM1	S45°00'W	41.2'	"
32110	554393.1	695849.8	RRSM1	S68°18'W	31.6'	"
32111	554381.4	695820.5	RRSM1	S50°28'W	50.0'	"
32112	554349.6	695781.9	RRSM1	S50°28'W	31.4'	"
32113	554329.6	695757.7	RRSM1	S50°28'W	50.0'	"
32114	554297.8	695719.2	RRSM1	S82°06'W	20.7'	"
32115	554294.9	695698.6	RRSM1	N69°48'W	27.5'	"
32116	554304.5	695672.8	RRSM1	N46°27'W	50.0'	"
32117	554338.9	695636.5	RRSM1	N43°48'W	50.0'	"
32118	554375.0	695601.9	RRSM1	N39°12'W	50.3'	"
32119	554414.0	695570.2	RRSM1	N41°01'W	50.1'	"
32120	554451.8	695537.3	RRSM1	N34°13'W	38.2'	"
32121	554483.3	695515.8	RRSM1	N17°47'W	42.2'	"
32122	554523.5	695502.9	RRSM1	N31°05'W	9.2'	"
31612	554531.4	695498.2	RRSM1			

ADDITIONAL LAND CLASS 'B' RESTRICTED AREAS POINTS CHART

POINT NUMBER	NORTHING	EASTING	DESCRIPTION	BEARING	LENGTH	LAND CLASS
30104	553042.5	695625.0	KOSTER3	N84°18'W	50.0'	B/C
30105	553047.4	695575.3	KOSTER3	N84°18'W	50.0'	"
30106	553052.4	695525.5	KOSTER3	N84°18'W	9.7'	"
30107	553053.3	695515.9	KOSTER3	S64°27'W	14.8'	"
30108	553047.0	695502.6	KOSTER3	S64°27'W	63.7'	"
30096	553019.5	695445.1	PEBCO	S64°27'W	16.1'	"
30095	553012.6	695430.6	PEBCO	S46°36'E	20.9'	"
30094	552998.2	695445.8	PEBCO	S46°36'E	76.7'	"
30097	552945.6	695501.5	KOSTER4	S46°36'E	19.3'	"
30098	552932.3	695515.5	KOSTER4	N66°10'E	50.0'	"
30099	552952.5	695561.3	KOSTER4	N66°10'E	50.0'	"
30100	552972.7	695607.0	KOSTER4	N66°10'E	37.9'	"
30101	552988.0	695641.7	KOSTER4	N66°10'E	7.3'	"
30102	552991.0	695648.4	KOSTER3	N66°10'E	0.9'	"
30103	552991.3	695649.2	KOSTER3	N66°10'E	1.3'	"
31595	552991.9	695650.4	MBTA	N66°10'E	23.5'	"
31594	553001.3	695671.8	MBTA	N66°10'E	41.3'	"
30109	553018.0	695709.6	RTC	N66°10'E	32.3'	"
30110	553031.1	695739.2	RTC	N84°18'W	37.7'	"
30111	553034.8	695701.7	RTC	N84°18'W	48.1'	"
31593	553039.6	695653.8	MBTA	N84°18'W	27.8'	"
31596	553042.3	695626.2	MBTA	N84°18'W	1.1'	"
30104	553042.5	695625.0	KOSTER3			
30112	553850.5	695316.1	RTC	S30°19'E	50.0'	"
30113	553807.3	695341.3	RTC	S30°19'E	50.0'	"
30114	553764.1	695366.6	RTC	S30°19'E	50.0'	"
30115	553721.0	695391.8	RTC	S30°19'E	18.4'	"
30116	553705.1	695401.1	RTC	S00°00'W	1.4'	"
30117	553703.7	695401.1	RTC	N30°24'E	51.9'	"
30118	553748.5	695427.4	RTC	N30°24'E	50.0'	"
30119	553791.6	695452.7	RTC	N60°45'W	50.0'	"
30120	553816.0	695409.0	RTC	N60°45'W	50.0'	"
30121	553840.5	695365.4	RTC	N60°45'W	19.5'	"
30122	553850.0	695348.4	RTC	N60°45'W	50.0'	"
30123	553874.4	695304.8	RTC	S25°18'E	26.5'	"
30112	553850.5	695316.1	RTC			
30246	554489.0	696120.9	RRSM1	S84°15'E	13.3'	"
30245	554487.7	696134.2	RRSM1	S05°19'W	23.1'	"
30244	554464.7	696132.1	RRSM1	S86°42'W	52.4'	"
30243	554461.7	696079.7	RRSM1	S86°42'W	47.1'	"
30817	554459.0	696032.7	RRSM1	S64°59'W	28.8'	"
30242	554446.8	696006.7	RRSM1	S64°59'W	14.4'	"
30241	554440.7	695993.6	RRSM1	N33°56'W	11.2'	"
30240	554450.0	695987.4	RRSM1	N50°52'W	18.3'	"
30285	554461.5	695973.2	RRSM1	N78°20'W	29.1'	"
30286	554467.4	695944.7	RRSM1	S88°46'W	12.0'	"
30287	554467.2	695932.7	RRSM1	N83°08'W	12.0'	"
30288	554468.6	695920.8	RRSM1	N81°12'W	20.9'	"
30289	554471.8	695900.1	RRSM1	N85°24'W	20.9'	"
30290	554473.5	695879.3	RRSM1	N68°17'W	23.8'	"
30291	554482.3	695857.1	RRSM1	N29°51'W	23.8'	"
30292	554503.0	695845.3	RRSM1	N18°33'W	50.6'	"
30293	554550.9	695829.2	RRSM1	N26°33'W	13.2'	"
30294	554562.7	695823.3	RRSM1	N42°33'W	13.2'	"
30295	554572.5	695814.3	RRSM1	N36°41'W	12.9'	"
30296	554582.8	695806.6	RRSM1	N24°48'E	12.9'	"
30297	554594.5	695812.0	RRSM1	N66°26'E	29.9'	"
30298	554606.5	695839.5	RRSM1	N69°03'E	38.2'	"
30299	554620.1	695875.1	RRSM1	N71°36'E	16.1'	"
30300	554625.2	695890.4	RRSM1	N52°12'E	16.1'	"
30301	554635.1	695903.1	RRSM1	S67°58'E	35.6'	"
30302	554621.7	695936.2	RRSM1	S83°42'E	46.4'	"
30303	554616.6	695982.3	RRSM1	S04°05'E	20.5	"
30304	554596.2	695983.7	RRSM1	S25°41'E	20.5'	"
30305	554577.7	695992.7	RRSM1	S41°23'E	28.0'	"
30306	554556.6	696011.2	RRSM1	S51°10'E	28.0'	"
30307	554539.0	696033.0	RRSM1	S60°45'E	13.9'	"
30308	554532.2	696045.2	RRSM1	S70°09'E	13.9'	"
30309	554527.5	696058.3	RRSM1	S64°24'E	17.7'	"
30310	554519.9	696074.2	RRSM1	S43°30'E	17.7'	"
30311	554507.1	696086.4	RRSM1	S54°13'E	19.7'	"
30312	554495.5	696102.3	RRSM1	S70°33'E	19.7'	"
30246	554489.0	696120.9	RRSM1			
30220	554024.6	696495.1	RRSM2	N11°54'E	25.3'	"
30221	554049.4	696500.3	RRSM2	S66°47'W	29.1'	"
30222	554037.9	696473.6	RRSM2	S58°29'W	50.0	"
30223	554011.7	696431.0	RRSM2	S58°29'W	18.5'	"
30224	554002.0	696415.2	RRSM2	S58°29'W	26.6'	"
30395	553988.1	696392.5	CHRT	S58°29'W	50.0'	"
30396	553962.0	696349.9	CHRT	S29°45'E	50.0'	"
30397	553918.6	696374.7	CHRT	S29°45'E	46.8	"
30398	553878.0	696397.9	CHRT	S05°50'W	47.2'	"
30399	553831.0	696393.1	CHRT	N66°41'E	50.0'	"
30400	553850.8	696439.0	CHRT	N66°41'E	68.5'	"
30401	553878.0	696501.9	CHRT	N08°46'E	35.2'	"
30402	553912.7	696507.3	CHRT	N23°51'W	59.8'	"
30403	553967.4	696483.1	CHRT	N11°55'E	58.5'	"
30220	554024.6	696495.1	RRSM2			
30395	553988.2	696392.5	CHRT	S58°29'W	50.0'	"
30396	553962.0	696349.9	CHRT	S29°45'E	50.0'	"
30397	553918.6	696374.7	CHRT	S29°45'E	46.8'	"
30398	553878.0	696397.9	CHRT	S05°49'W	47.2'	"
30399	553831.0	696393.1	CHRT	N66°41'E	50.0'	"
30400	553850.8	696439.0	CHRT	N66°41'E	68.5'	"
30401	553878.0	696501.9	CHRT	N08°46'E	35.2'	"
30402	553912.7	696507.3	CHRT	N23°51'W	59.8'	"
30403	553967.4	696483.1	CHRT	N11°54'E	58.5'	"
30220	554024.6	696495.1	RRSM2	N11°54'E	25.3'	"
30221	554049.4	696500.3	RRSM2	S66°47'W	29.1'	"
30222	554037.9	696473.6	RRSM2	S58°29'W	50.0'	"
30223	554011.7	696431.0	RRSM2	S58°29'W	18.5'	"
30224	554002.0	696415.2	RRSM2	S58°29'W	26.6'	"
30395	553988.2	696392.5	RRSM2			
33000	553502.4	697323.6	COMM ROW	S18°37'E	50.0'	B/A
33001	553455.1	697339.6	COMM ROW	S19°53'E	50.0'	"
33002	553408.0	697356.6	COMM ROW	S21°08'E	50.0'	"
33003	553361.4	697374.6	COMM ROW	S22°24'E	50.0'	"
33004	553315.2	697393.7	COMM ROW	S23°40'E	50.0'	"
33005	553269.4	697413.7	COMM ROW	S24°55'E	50.0'	"
33006	553224.0	697434.8	COMM ROW	S26°11'E	50.0'	"
33007	553179.2	697456.9	COMM ROW	S27°27'E	50.0'	"
33008	553134.8	697479.9	COMM ROW	S28°42'E	50.0'	"
33009	553090.9	697503.9	COMM ROW	S29°58'E	50.0'	"
33010	553047.6	697528.9	COMM ROW	S31°13'E	50.0'	"
33011	553004.9	697554.8	COMM ROW	S32°29'E	50.0'	"
33012	552962.7	697581.7	COMM ROW	S33°45'E	50.0'	"
33013	552921.1	697609.4	COMM ROW	S35°00'E	50.0'	"
33014	552880.1	697638.1	COMM ROW	S36°16'E	50.0'	"
33015	552839.8	697667.7	COMM ROW	S34°27'E	50.0'	"
33016	552798.6	697696.0	COMM ROW	S35°19'E	50.0'	"
33017	552757.8	697724.9	COMM ROW	S35°19'E	10.9'	"
33018	552748.9	697731.2	COMM ROW			

POINT DESCRIPTORS

AAA	ATLANTIC AVENUE REALTY ASSOCIATES
AART	ATLANTIC AVENUE REALTY TRUST
BECO1	BOSTON EDISON COMPANY (PARCEL 1)
BECO2	BOSTON EDISON COMPANY (PARCEL 2)
BECO3	BOSTON EDISON COMPANY (PARCEL 3)
BECO4	BOSTON EDISON COMPANY (PARCEL 4)
CHRT	CHESTNUT HILL REALTY TRUST
COMM ROW	RIGHT OF WAY COMMERCE WAY
GANG	SUNDER K. & HIRO K. GANGLANI
KOSTER1	JOHN G. KOSTER REVOCABLE TRUST (PARCEL 1)
KOSTER3	JOHN G. KOSTER REVOCABLE TRUST (PARCEL 2)
KOSTER4	JOHN G. KOSTER REVOCABLE TRUST (PARCEL 3)
MAT	MID A TERRACE, LLC.
NOD	NODRAER REALTY CORPORATION
PEBCO	TRANSCOMM REALTY TRUST (NOW WJP REALTY TRUST)
PS	POSITIVE START
PX1	PX REALTY TRUST (PARCEL 1)
PX2	PX REALTY TRUST (PARCEL 2)
RRSM1	RESOURCES FOR RESPONSIBLE SITE MANAGEMENT (PARCEL 1)
RRSM2	RESOURCES FOR RESPONSIBLE SITE MANAGEMENT (PARCEL 2)
RRSM3	RESOURCES FOR RESPONSIBLE SITE MANAGEMENT (PARCEL 3)
RRSM4	RESOURCES FOR RESPONSIBLE SITE MANAGEMENT (PARCEL 3)
RTC	REGIONAL TRANSPORTATION CENTER
TRT	TABBY REALTY TRUST
WRA	WOLBURN REDEVELOPMENT AUTHORITY

GRAPHIC SCALE

200' 100' 0 200' 400' 600'

REV.	DATE	DESCRIPTION		DR	CK
I	9/30/08	FINAL SUBMISSION	TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08	TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP	JGK
C	10/16/03	DEP REVISIONS	JF	MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR:
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:
MERIDIAN Land Services, Inc.
STREET ADDRESS: 31 OLD NASHUA RD. SUITE 2, AMHERST, NH 03031 TEL 603-673-1441 FAX 603-673-1584
MAILING ADDRESS: PO BOX 118, MILFORD, NH 03055-0118 EMAIL: MERIDIAN@MeridianLandServices.COM
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY:
Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603-668-0880 • FAX 603-668-1199

PROJECT RECORD

INSTITUTIONAL CONTROLS
LAND CLASSES POINTS CHART

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

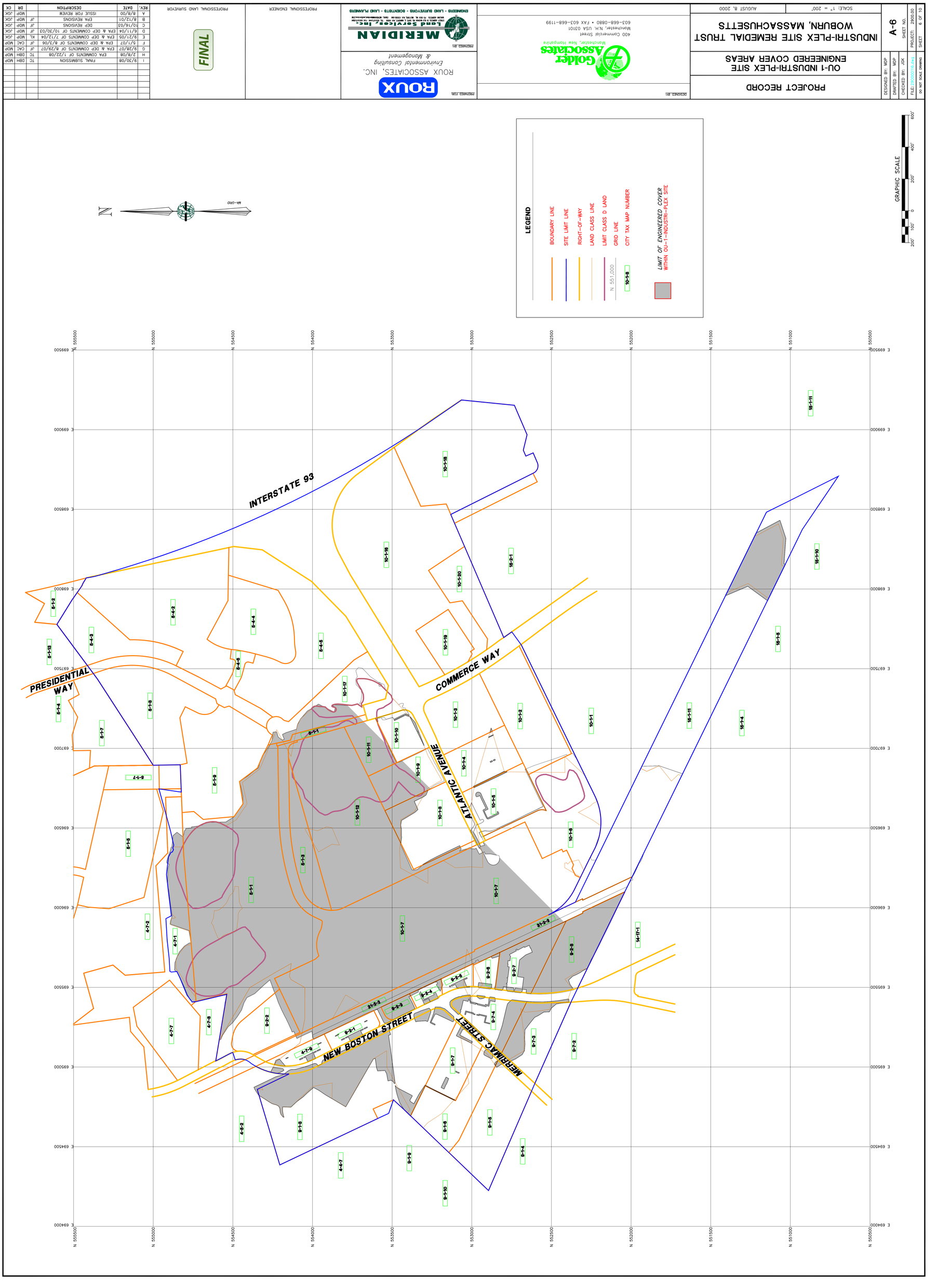
SCALE: 1" = 200'

AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 290000115.dwg
DO NOT SCALE DRAWING

A-5
SHEET NO.
PROJECT: 2900.00
SHEET 5 OF 10

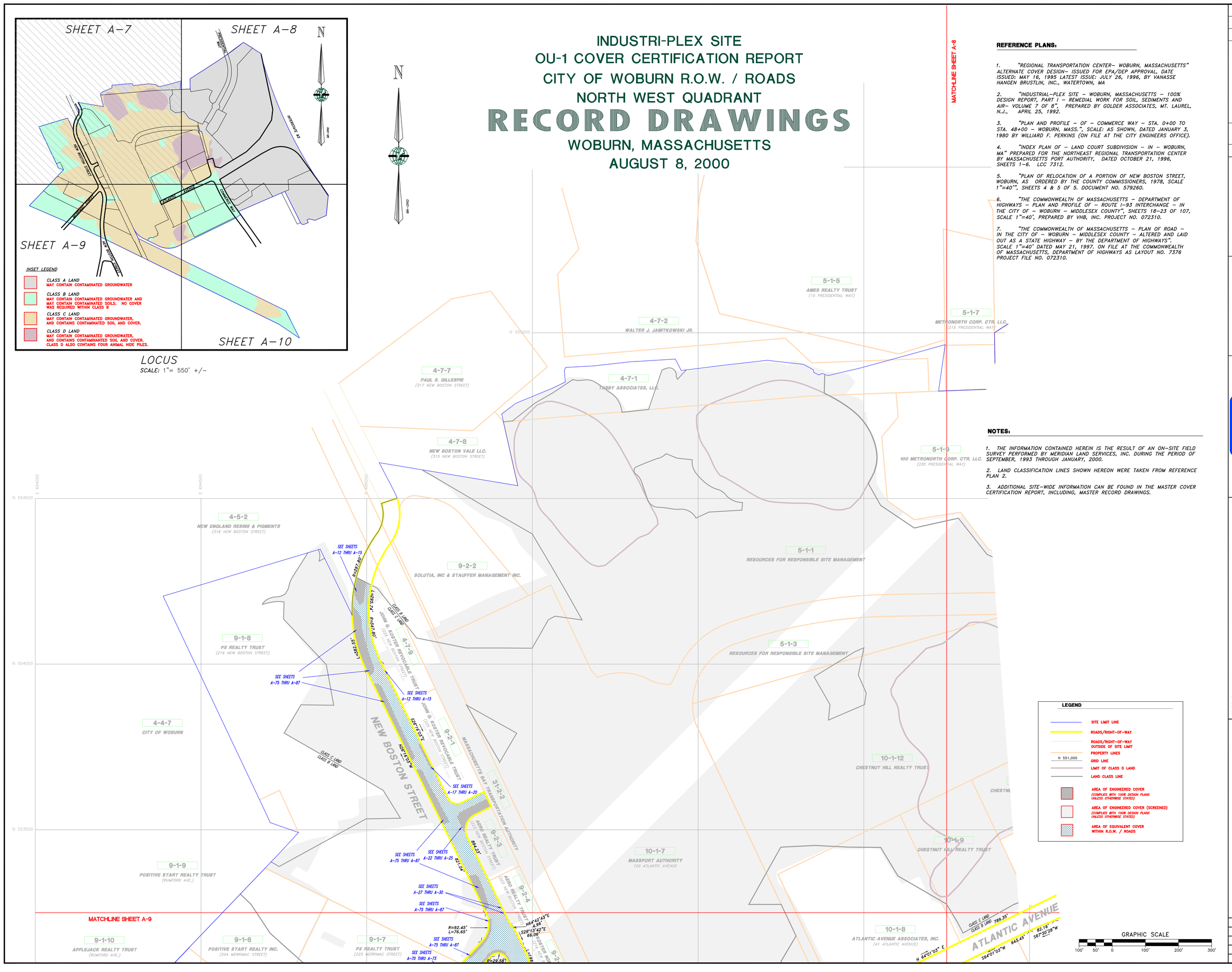
Sep 29, 2008 – 8:52am dbh Land Desktop 2005 – LDT5
H:\mls\02900-0-AB\2900.00\AS-BUILTS\0-PARCEL-ALL\ATTACHMENT-1\



PROJECT RECORD
OU-1 INDUSTRI-PLEX SITE
ENGINEERED COVER AREAS
INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS
A-6
SHEET NO.
SCALE: 1" = 200'
AUGUST 8, 2000
DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 23000016.dwg
DO NOT SCALE DRAWING
PROJECT: 23000.00
SHEET 6 OF 10
Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603-668-0880 • FAX 603-668-1199
ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management
MERIDIAN
Land Services, Inc.
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS
FINAL
PROFESSIONAL ENGINEER
PROFESSIONAL LAND SURVEYOR
LEGEND
BOUNDARY LINE
SITE LIMIT LINE
RIGHT-OF-WAY
LAND CLASS LINE
LIMIT CLASS D LAND
GRID LINE
CITY TAX MAP NUMBER
N 551,000
10-1-8
LIMIT OF ENGINEERED COVER WITHIN OU-1-INDUSTRI-PLEX SITE
GRAPHIC SCALE
200' 100' 0 200' 400' 600'
INTERSTATE 93
PRESIDENTIAL WAY
COMMERCE WAY
ATLANTIC AVENUE
NEW BOSTON STREET
MERRIMAC STREET

INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
CITY OF WOBURN R.O.W. / ROADS
NORTH WEST QUADRANT
RECORD DRAWINGS
WOBURN, MASSACHUSETTS
AUGUST 8, 2000

LOCUS
SCALE: 1"= 550' +/-



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7. "THE COMMONWEALTH OF MASSACHUSETTS – PLAN OF ROAD – IN THE CITY OF – WOBURN – MIDDLESEX COUNTY – ALTERED AND LAID OUT AS A STATE HIGHWAY – BY THE DEPARTMENT OF HIGHWAYS". SCALE 1"=40' DATED MAY 21, 1997. ON FILE AT THE COMMONWEALTH OF MASSACHUSETTS, DEPARTMENT OF HIGHWAYS AS LAYOUT NO. 7376 PROJECT FILE NO. 072310.

NOTES:

1. THE INFORMATION CONTAINED HEREIN IS THE RESULT OF AN ON–SITE FIELD SURVEY PERFORMED BY MERIDIAN LAND SERVICES, INC. DURING THE PERIOD OF SEPTEMBER, 1993 THROUGH JANUARY, 2000.

2. LAND CLASSIFICATION LINES SHOWN HEREON WERE TAKEN FROM REFERENCE PLAN 2.

3. ADDITIONAL SITE–WIDE INFORMATION CAN BE FOUND IN THE MASTER COVER CERTIFICATION REPORT, INCLUDING, MASTER RECORD DRAWINGS.

REV.	DATE	DESCRIPTION	DR	CK
I	9/30/08	FINAL SUBMISSION	TC DBH	MDP
H	4/28/08	EPA COMMENTS OF 4/17/08	TC DBH	MDP
G	9/26/07	EPA & DEP COMMENTS OF 8/29/07	JF CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL MDP	JCK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF MDP	JCK
C	8/18/03	DEP REVISIONS	JF MDP	JCK
B	8/11/03	EPA REVISIONS	JF MDP	JCK
A	8/8/00	ISSUE FOR REVIEW	MDP	JCK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services, Inc. ENGINEERS • LAND SURVEYORS • SCIENTISTS • LAND PLANNERS

DESIGNED BY:

Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603–668–0880 • FAX 603–668–1199

PROJECT RECORD

CITY OF WOBURN R.O.W. / ROADS
NORTH WEST QUADRANT

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = 100'

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JCK
FILE: 290000117.dwg
DO NOT SCALE DRAWING

A-7
SHEET NO.
PROJECT: 2900.00
SHEET 7 OF 10

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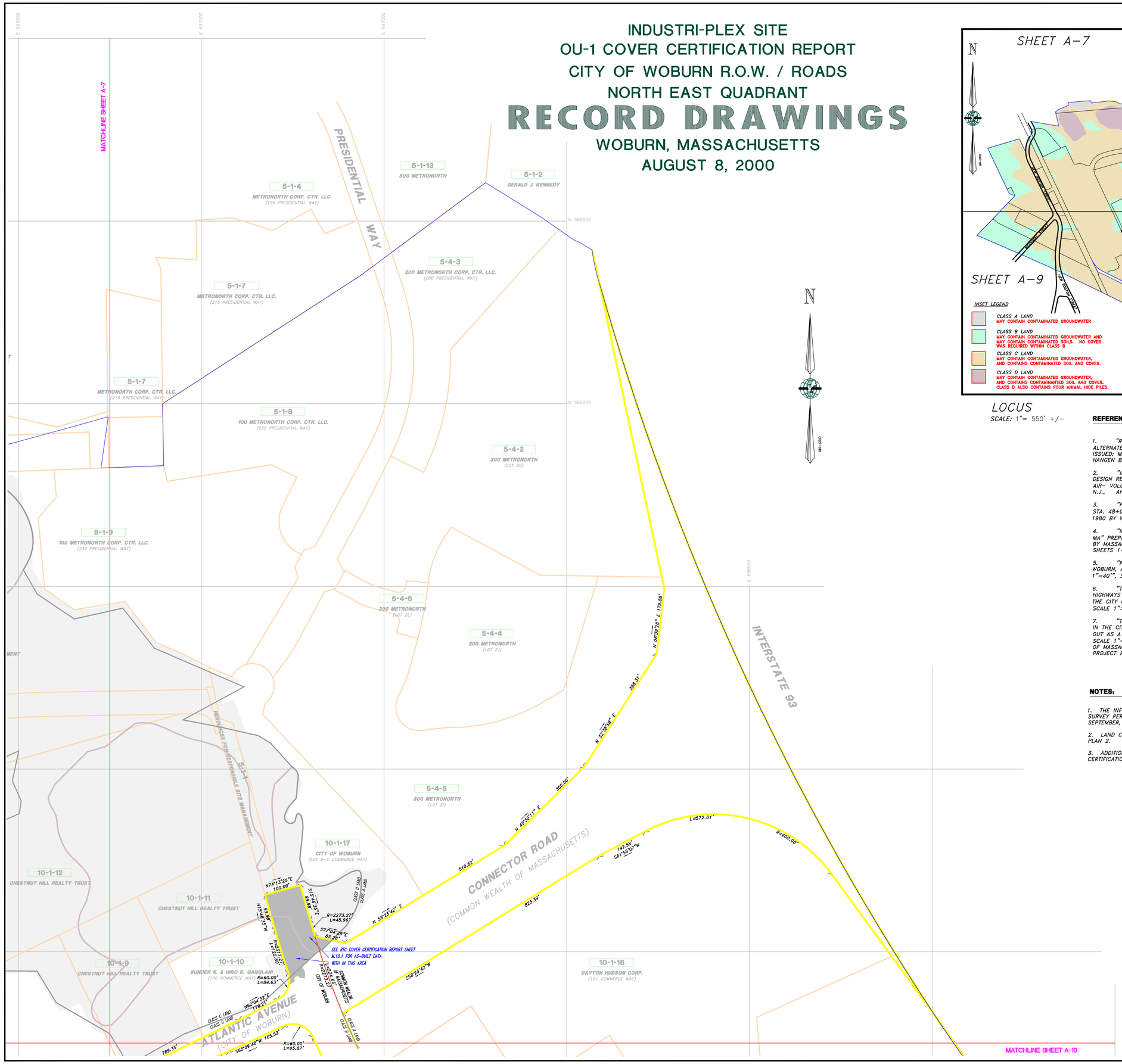
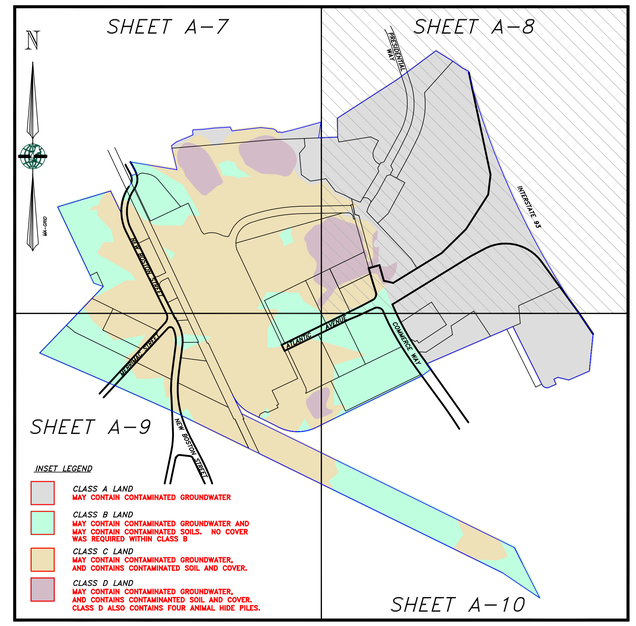
INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
CITY OF WOBURN R.O.W. / ROADS
NORTH EAST QUADRANT

RECORD DRAWINGS

WOBURN, MASSACHUSETTS
AUGUST 8, 2000





LOCUS
SCALE: 1"= 550' +/-

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LEGEND

- SITE LIMIT LINE
- ROADS/RIGHT–OF–WAY
- LIMIT OF CITY/STATE OWNERSHIP
- ROADS/RIGHT–OF–WAY OUTSIDE OF SITE LIMIT
- PROPERTY LINES
- N 551,000 GRID LINE
- LIMIT OF CLASS D LAND
- LAND CLASS LINE
- AREA OF ENGINEERED COVER (COMPLIES WITH 100% DESIGN PLANS UNLESS OTHERWISE STATED)
- AREA OF ENGINEERED COVER (SCREENED) (COMPLIES WITH 100% DESIGN PLANS UNLESS OTHERWISE STATED)
- AREA OF EQUIVALENT COVER WITHIN R.O.W. / ROADS

GRAPHIC SCALE
100' 50' 0 100' 200' 300'

REV.	DATE	DESCRIPTION	DR	CK
I	9/30/08	FINAL SUBMISSION	TC DBH	MDP
H	7/28/05	EPA COMMENTS OF 4/27/06	TC CAH	MDP
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F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF CAC	MDP
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C	10/16/03	DEP REVISIONS	JF MDP	JCK
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A	8/8/00	ISSUE FOR REVIEW	MDP	JCK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services, Inc. 1993-2000 © Copyright Meridian Land Services, Inc. ENGINEERS • LAND SURVEYORS • GEOMETERS • LAND PLANNERS

DESIGNED BY: Golder Associates, Manchester, New Hampshire, 400 Commercial Street, Manchester, N.H. USA 03101, 603-668-0880 • FAX 603-668-1199

PROJECT RECORD

CITY OF WOBURN R.O.W. / ROADS
NORTH EAST QUADRANT

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 100'

AUGUST 8, 2000

DESIGNED BY: MDP	A-8
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JCK	
FILE: 290000117.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 8 OF 10

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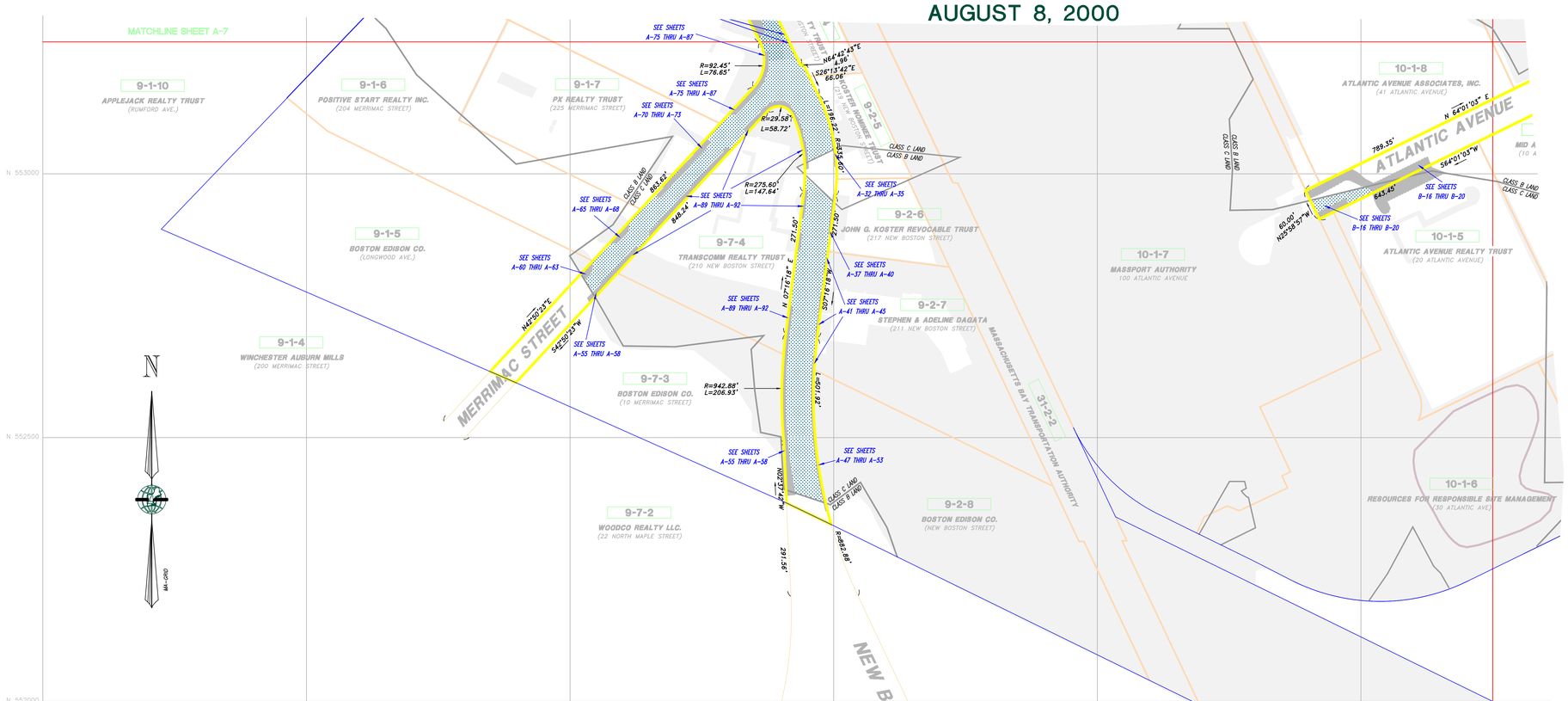
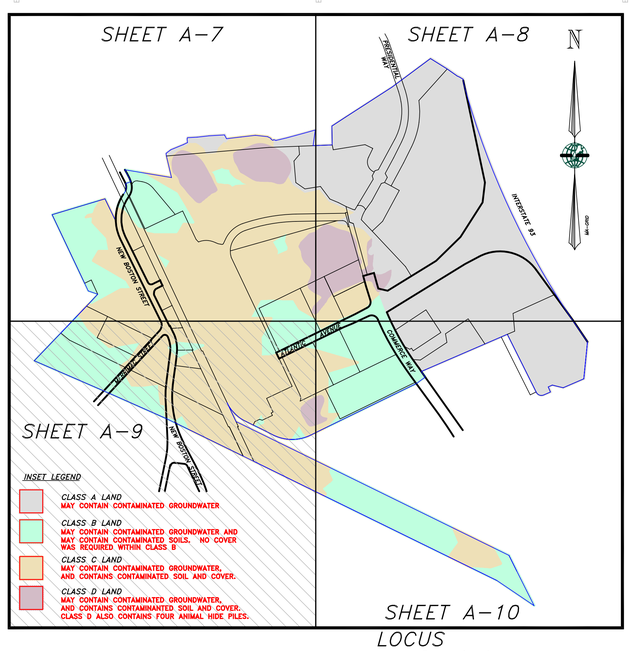
INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
CITY OF WOBURN R.O.W. / ROADS
SOUTH WEST QUADRANT

RECORD DRAWINGS

WOBURN, MASSACHUSETTS
AUGUST 8, 2000





LOCUS
SCALE: 1"= 550' +/-

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GRAPHIC SCALE
100' 50' 0 100' 200' 300'

REV.	DATE	DESCRIPTION	DR	CK
I	9/30/08	FINAL SUBMISSION	TC DBH	MDP MDP
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FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services Inc. 1 Tech Drive, Suite 1, Hudson, NH 03051 Tel. 603-883-3043 www.meridianlandservices.com ENGINEERS • LAND SURVEYORS • GCERI1819 • LAND PLANNERS

DESIGNED BY: Golder Associates Manchester, New Hampshire 400 Commercial Street Manchester, N.H. USA 03101 603–668–0880 • FAX 603–668–1199

PROJECT RECORD
CITY OF WOBURN R.O.W. / ROADS
SOUTH WEST QUADRANT

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = 100'

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JCK
FILE: 290000117.dwg
DO NOT SCALE DRAWING

A-9
SHEET NO.
PROJECT: 2900.00
SHEET 9 OF 10

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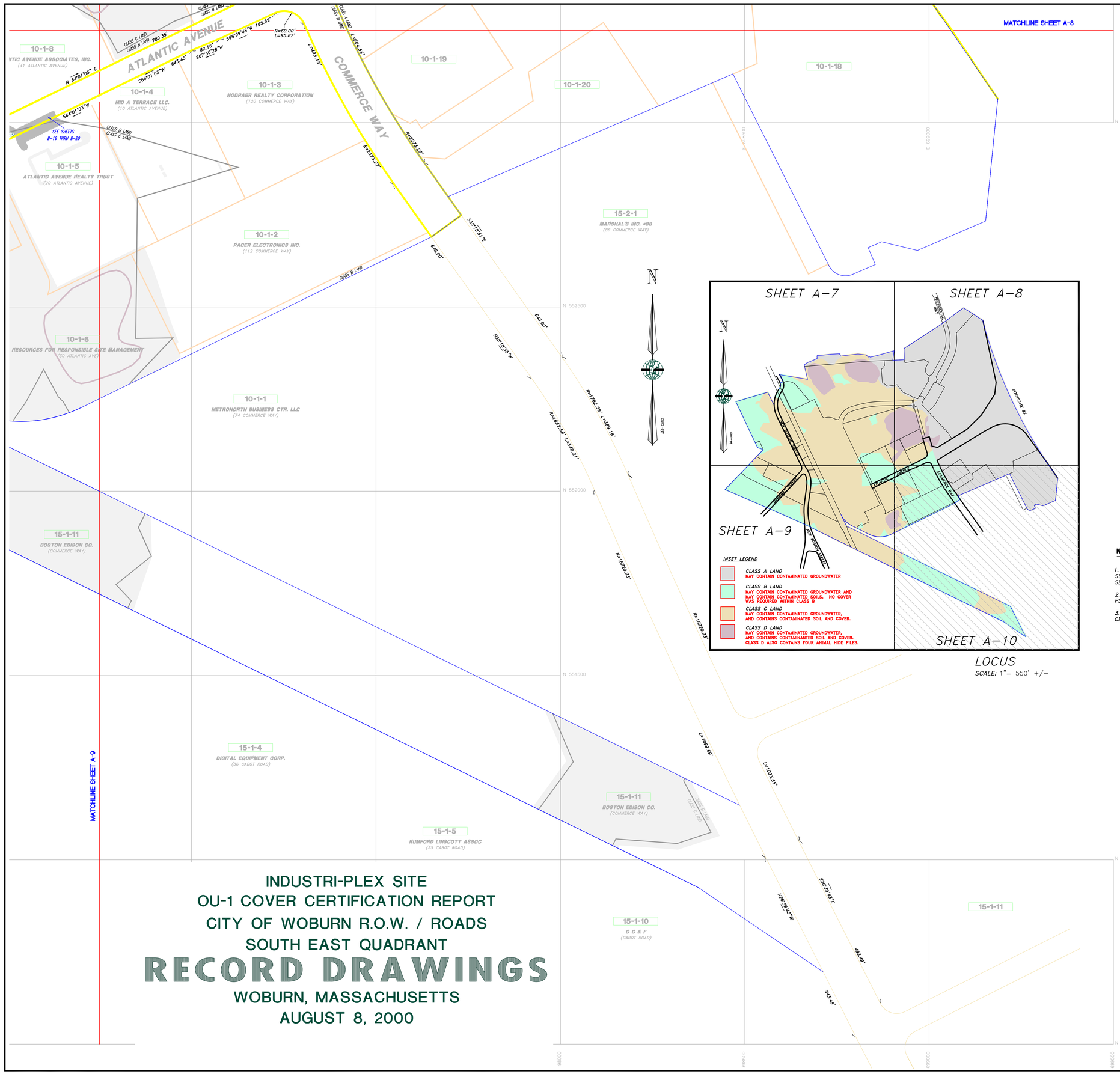

INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
CITY OF WOBURN R.O.W. / ROADS
SOUTH EAST QUADRANT

RECORD DRAWINGS

WOBURN, MASSACHUSETTS
AUGUST 8, 2000

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PROJECT RECORD

CITY OF WOBURN R.O.W. / ROADS
SOUTH WEST QUADRANT

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = 100'

DESIGNED BY: MDP	A-10
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JGK	
FILE: 290000117.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 10 OF 10

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INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
LOCUS OF TAX MAP LOT 4-7-9 (AKA LOT IC-1)
N/F KOSTER REVOCABLE TRUST (PARCEL 1)
RECORD DRAWINGS
WOBURN, MASSACHUSETTS
AUGUST 8, 2000

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3. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY SPARTAN SURVEY SERVICE DECEMBER 14, 1978", SCALE 1"=100', CERT. OF TITLE NO. 157868 BOOK 919 PAGE 118, RECORDED AS PLAN NO. 7312T ON JUNE 14, 1979 AT SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

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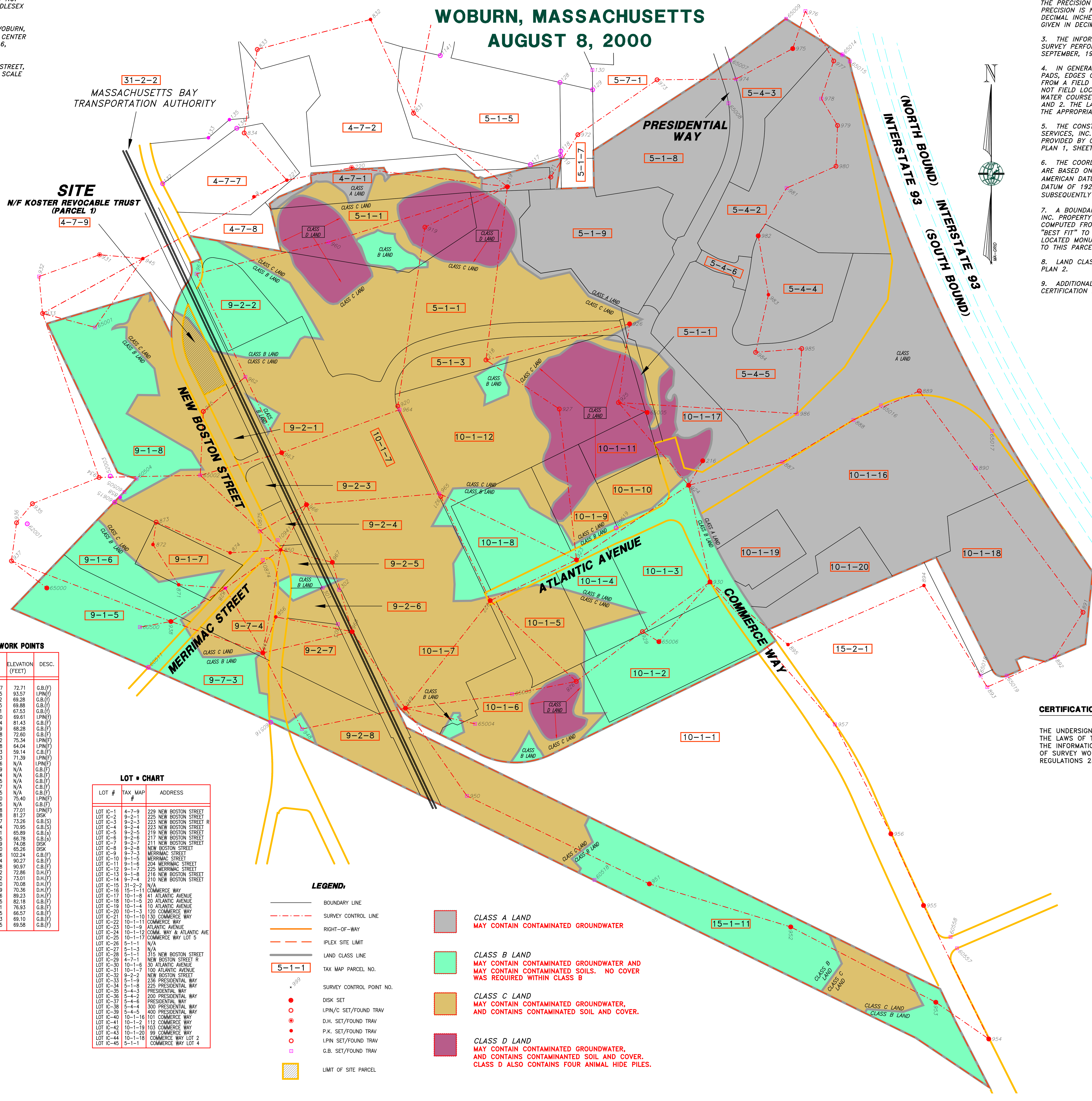


SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
8	555829.94	696197.41	88.93	PIN/C(s)
9	554787.93	695334.79	93.29	MAGNL(s)
117	554935.71	696605.05	119.44	I.PIN(f)
118	554997.69	696744.31	124.49	I.PIN(f)
119	554977.42	696743.93	125.72	I.PIN(f)
120	556005.46	696613.05	95.27	C.B.(f)
128	555312.88	696740.29	115.51	I.PIN(f)
129	555279.16	696890.59	117.47	I.PIN(f)
130	555370.20	696889.50	118.61	C.B.(f)
132	554847.71	694915.95	78.43	I.PIN(f)
133	555058.90	695126.18	96.01	P.K.(f)
134	555102.46	695256.34	96.55	I.PIN(f)
135	555142.01	695222.63	90.28	P.K.(f)
157	555902.41	696284.78	90.59	C.B.(f)
216	553575.07	697396.19	72.34	DISK
218	554038.23	696400.64	91.30	I.PIN(s)
219	554833.75	696498.97	113.51	DISK
220	554921.67	695784.06	73.06	D.H.(f)
221	554863.96	695486.38	98.35	P.K.(f)
245	553801.79	695102.81	70.74	PIN/C(s)
301	552991.99	695650.71	67.70	G.B.(f)
302	552983.08	695726.35	68.00	G.B.(f)
303	552824.40	695720.82	66.92	G.B.(f)
751	550314.48	698866.23	58.42	G.B.(f)
752	550363.63	698811.51	57.52	G.B.(f)
754	550089.43	697819.49	53.51	G.B.(f)
755	550155.77	697925.27	54.70	G.B.(f)
756	550192.19	698080.56	56.08	PIN/C(f)
828	552989.66	695204.98	72.68	RRSPK(S)
831	555171.27	696067.95	92.16	PIN/C(s)
832	555602.29	695870.66	86.06	P.K.(s)
833	555464.48	695350.57	78.24	PIN/C(s)
834	555080.77	695290.39	96.82	PIN/C(s)
850	553166.01	695458.74	66.79	P.K.(f)
857	554268.42	694914.00	73.19	PIN/C(S)
858	553407.27	694721.18	73.66	P.K.(S)
871	553005.63	694989.59	75.27	P.K.(s)
872	553190.49	694871.47	74.38	P.K.(s)
873	553293.14	694886.21	73.74	PIN/C(s)
874	553152.45	695225.83	72.96	P.K.(s)
887	553569.05	697762.19	74.67	G.B.(s)
888	553762.69	698088.18	75.46	G.B.(F)
889	553895.58	698391.10	74.41	PIN/C(s)
890	553542.21	698649.64	72.97	G.B.(S)
891	552879.28	699142.48	69.34	PIN/C(s)
892	552674.56	699013.57	68.58	G.B.(S)
893	552536.04	698702.70	69.67	G.B.(S)
894	553002.10	698412.19	69.40	MAGNL(s)
895	552730.89	697787.70	67.50	MAGNL(s)
919	554648.09	696120.30	106.02	PIN/C(s)
920	553826.01	695995.76	79.40	PIN/C(s)
921	553411.21	696193.36	78.92	PIN/C(s)
922	552932.88	696420.08	71.72	DISK
923	553120.20	696816.46	72.78	DISK
924	553462.61	697331.77	68.39	DISK
925	553842.55	697009.22	94.88	PIN/C(s)
926	554203.87	697060.28	79.00	DISK
927	553812.75	696737.39	107.69	PIN/C(s)
928	552561.74	696815.28	88.15	PIN/C(s)
929	552790.55	697119.09	71.75	PIN/C(s)
930	553018.55	697429.53	68.02	DISK
931	554521.49	694626.27	87.39	D.H.(f)
932	554421.26	694348.31	101.39	G.B.(f)
933	554251.87	694364.55	90.95	PIN/C(s)
934	553498.56	694623.81	69.94	PIN/C(s)
935	553378.01	694317.96	72.10	PIN/C(s)
936	553290.51	694245.09	81.03	PIN/C(s)
937	553114.85	694221.58	97.94	PIN/C(s)
938	552836.93	694953.72	80.60	DISK
944	550614.66	697637.80	N/A	G.B.(F)
945	554503.77	694825.96	74.68	P.K.(f)
947	552692.72	695376.15	65.92	DISK
948	552343.09	695555.77	63.57	G.B.(s)
949	552438.47	696030.92	71.73	DISK
950	552035.73	696313.53	68.40	G.B.(s)
951	551631.65	697151.14	65.87	DISK
952	551433.89	697800.32	73.68	DISK
953	551087.91	698466.50	63.64	DISK
954	550919.29	698709.73	60.45	DISK
955	551532.44	698410.23	63.71	DISK
956	551861.31	698260.16	65.21	DISK
957	552364.26	698003.18	67.73	G.B.(F)
960	554579.37	695677.56	96.32	G.B.(s)
961	554434.15	695071.84	85.91	G.B.(s)
962	553960.20	695295.87	79.76	G.B.(s)
963	553612.09	695462.70	78.81	DISK
964	553810.04	696003.71	79.67	G.B.(s)
965	553424.46	696186.34	79.67	G.B.(s)
966	553373.67	695576.30	77.68	DISK
967	553108.66	695695.24	76.92	DISK
968	552790.10	695786.11	73.69	DISK
971	554878.15	696698.61	129.11	PIN/C(s)
972	555073.02	696822.69	125.79	PIN/C(s)
973	555324.98	697186.40	117.15	PIN/C(s)
974	555328.29	697548.91	96.63	G.B.(f)
975	555468.38	697809.50	92.45	DISK
976	555640.49	697867.72	72.09	G.B.(s)
977	555411.42	697997.77	85.47	PIN/C(s)
978	555238.37	697940.64	70.49	G.B.(S)
979	555115.28	698015.18	87.78	PIN/C(s)
980	554928.03	698008.18	80.93	PIN/C(s)
981	554828.02	697781.52	67.51	G.B.(S)
982	554608.27	697651.96	76.95	DISK
983	554337.91	697697.91	77.28	MAGNL(s)
984	554073.15	697638.96	76.58	PIN/C(s)
985	554090.37	697850.88	75.15	PIN/C(s)

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
986	553791.19	697828.87	72.71	G.B.(F)
1141	555436.21	696190.95	93.57	I.PIN(f)
10874	553119.80	695375.82	69.28	G.B.(f)
10875	553250.96	695361.95	69.88	G.B.(f)
10941	553209.59	695443.61	67.53	G.B.(f)
52003	553504.76	694675.40	69.61	I.PIN(f)
60500	552811.04	694811.44	81.43	G.B.(F)
60504	553493.08	694795.99	68.28	G.B.(F)
60505	553431.74	694740.48	72.60	G.B.(F)
60511	552626.22	694850.12	75.34	I.PIN(F)
60516	552373.95	695412.38	64.04	I.PIN(F)
60518	551650.24	696899.13	59.14	C.B.(F)
60519	553266.67	696998.63	71.39	I.PIN(F)
60545	550535.42	698962.56	N/A	I.PIN(F)
60549	550646.41	699172.79	N/A	G.B.(F)
60551	550588.82	697583.34	N/A	G.B.(F)
60552	550611.64	697561.55	N/A	G.B.(F)
60557	551335.71	698564.07	N/A	C.B.(F)
60558	551388.23	698534.25	N/A	G.B.(F)
60615	553385.09	694695.50	75.40	I.PIN(F)
60950	550705.00	699289.45	N/A	G.B.(F)
62001	553285.48	694294.18	77.01	I.PIN(F)
65000	552990.73	694384.08	81.27	DISK
65001	554187.89	694605.57	73.26	G.B.(S)
65002	553508.43	695088.74	70.95	G.B.(S)
65003	552503.26	696521.21	65.89	G.B.(s)
65004	552366.69	696350.85	66.78	G.B.(s)
65005	553796.88	697140.89	74.08	DISK
65006	552744.10	697194.90	65.26	DISK
65007	555414.66	697522.06	102.24	G.B.(F)
65008	555217.20	697514.54	90.27	G.B.(F)
65009	555605.36	697779.98	90.97	C.B.(F)
65010	555803.93	697977.42	72.86	D.H.(F)
65011	555708.75	697858.52	73.01	D.H.(F)
65012	555702.94	697888.20	70.08	D.H.(F)
65013	555745.19	697945.39	70.36	D.H.(F)
65014	555440.08	698036.86	89.23	D.H.(F)
65015	555409.32	698071.85	82.18	G.B.(F)
65016	553829.73	698214.01	76.93	G.B.(F)
65017	553712.31	698725.05	66.57	G.B.(F)
65018	552588.82	698672.03	69.10	G.B.(F)
65019	552588.11	698792.15	69.58	G.B.(F)

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
C	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.
D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

LOT # CHART

LOT #	TAX MAP #	ADDRESS
LOT IC–1	4–7–9	229 NEW BOSTON STREET
LOT IC–2	9–2–1	225 NEW BOSTON STREET
LOT IC–3	9–2–3	223 NEW BOSTON STREET R
LOT IC–4	9–2–4	223 NEW BOSTON STREET
LOT IC–5	9–2–5	219 NEW BOSTON STREET
LOT IC–6	9–2–6	217 NEW BOSTON STREET
LOT IC–7	9–2–7	211 NEW BOSTON STREET
LOT IC–8	9–2–8	NEW BOSTON STREET
LOT IC–9	9–7–3	MERRIMAC STREET
LOT IC–10	9–1–5	MERRIMAC STREET
LOT IC–11	9–1–6	204 MERRIMAC STREET
LOT IC–12	9–1–7	225 MERRIMAC STREET
LOT IC–13	9–1–8	216 NEW BOSTON STREET
LOT IC–14	9–7–4	210 NEW BOSTON STREET
LOT IC–15	31–2–2	N/A
LOT IC–16	15–1–11	COMMERCE WAY
LOT IC–17	10–1–8	41 ATLANTIC AVENUE
LOT IC–18	10–1–5	20 ATLANTIC AVENUE
LOT IC–19	10–1–4	10 ATLANTIC AVENUE
LOT IC–20	10–1–3	120 COMMERCE WAY
LOT IC–21	10–1–10	130 COMMERCE WAY
LOT IC–22	10–1–11	COMMERCE WAY
LOT IC–23	10–1–9	ATLANTIC AVENUE
LOT IC–24	10–1–12	COMM. WAY & ATLANTIC AVE
LOT IC–25	10–1–17	COMMERCE WAY LOT 5
LOT IC–26	5–1–1	N/A
LOT IC–27	5–1–3	N/A
LOT IC–28	5–1–1	315 NEW BOSTON STREET
LOT IC–29	4–7–1	NEW BOSTON STREET R
LOT IC–30	10–1–6	30 ATLANTIC AVENUE
LOT IC–31	10–1–7	100 ATLANTIC AVENUE
LOT IC–32	9–2–2	NEW BOSTON STREET
LOT IC–33	5–1–9	236 PRESIDENTIAL WAY
LOT IC–34	5–1–8	225 PRESIDENTIAL WAY
LOT IC–35	5–4–3	PRESIDENTIAL WAY
LOT IC–36	5–4–2	200 PRESIDENTIAL WAY
LOT IC–37	5–4–6	PRESIDENTIAL WAY
LOT IC–38	5–4–4	300 PRESIDENTIAL WAY
LOT IC–39	5–4–5	400 PRESIDENTIAL WAY
LOT IC–40	10–1–16	101 COMMERCE WAY
LOT IC–41	10–1–2	112 COMMERCE WAY
LOT IC–42	10–1–19	103 COMMERCE WAY
LOT IC–43	10–1–20	99 COMMERCE WAY
LOT IC–44	10–1–18	COMMERCE WAY LOT 2
LOT IC–45	5–1–1	COMMERCE WAY LOT 4

LEGEND:

- BOUNDARY LINE
- SURVEY CONTROL LINE
- RIGHT–OF–WAY
- IPLEX SITE LIMIT
- LAND CLASS LINE
- 5–1–1 TAX MAP PARCEL NO.
- 999 SURVEY CONTROL POINT NO.
- DISK SET
- I.PIN/C SET/FOUND TRAV
- D.H. SET/FOUND TRAV
- P.K. SET/FOUND TRAV
- I.PIN SET/FOUND TRAV
- G.B. SET/FOUND TRAV
- LIMIT OF SITE PARCEL

CLASS A LAND
MAY CONTAIN CONTAMINATED GROUNDWATER

CLASS B LAND
MAY CONTAIN CONTAMINATED GROUNDWATER AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B

CLASS C LAND
MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.

CLASS D LAND
MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINANTED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

NOTES:

1. THE OWNERS OF RECORD FOR LOT 4–7–9 ARE (NOW OR FORMERLY) JOHN M. AND GARY R. KOSTER, TRUSTEES OF THE 225–231 NEW BOSTON STREET REALTY TRUST PO BOX 42 WOBURN, MASSACHUSETTE 01801. DEED REFERENCE TO PARCEL IS TRANSFER CERTIFICATE #216193 BOOK 1211 PAGE 43, DATED AUGUST 12, 1999 AND FILED IN THE LAND REGISTRATION OFFICE OF THE SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

2. ELEVATION RECORDS TABULATED ON THESE DRAWINGS WERE COMPILED FROM FIELD OBSERVATIONS COLLECTED BY ELECTRONIC TOTAL STATION AND DATA COLLECTION TECHNIQUES. ELEVATIONS ARE SHOWN TO ONE HUNDREDTH OF A FOOT FOR SIMPLICITY OF TABULATION AND TO REDUCE COMPOUNDING ROUNDING ERRORS. IT IS THE INTENTION OF THE SURVEY TO REFLECT ELEVATIONS ONLY TO THE PRECISION REQUIRED BY THE PROJECT SPECIFICATIONS. ADDITIONAL PRECISION IS NOT IMPLIED BY THE TABULATION. COVER DEPTHS ARE GIVEN IN DECIMAL INCHES AND CALCULATED BY MULTIPLYING THE ELEVATION DIFFERENCES GIVEN IN DECIMAL FEET BY 12.

3. THE INFORMATION CONTAINED HEREIN IS THE RESULT OF AN ON–SITE FIELD SURVEY PERFORMED BY MERIDIAN LAND SERVICES, INC. DURING THE PERIOD OF SEPTEMBER, 1993 THROUGH JANUARY, 2000.

4. IN GENERAL, PLAN GRAPHICS SUCH AS BUILDINGS, WALKWAYS, CONCRETE PADS, EDGES OF PAVEMENT, CURBING, DRAINAGE FEATURES, ETC. WERE LOCATED FROM A FIELD SURVEY BY THIS OFFICE. ADDITIONAL GRAPHIC REPRESENTATIONS, NOT FIELD LOCATED, SUCH AS NON–GERMANE EDGES OF PAVEMENT, FENCE LINES, WATER COURSES AND ABUTTING DETAIL WERE TAKEN FROM REFERENCE PLANS 1 AND 2. THE LATTER MENTIONED DETAIL WILL BE REFERENCED ON THE PLAN WITHIN THE APPROPRIATE AREAS.

5. THE CONSTRUCTION SURVEY CONTROL NETWORK USED BY MERIDIAN LAND SERVICES, INC. WAS DERIVED ENTIRELY FROM THE EXISTING SITE CONTROL POINTS PROVIDED BY GOLDER ASSOCIATES AND VHB, INC., AS SHOWN ON REFERENCE PLAN 1, SHEET C–2 AND REFERENCE PLAN 2, SHEETS 11–1A THRU 11–1D.

6. THE COORDINATES AND ELEVATIONS OF THE EXISTING SITE CONTROL POINTS ARE BASED ON MASSACHUSETTS GRID COORDINATE SYSTEM/NAD–27 (NORTH AMERICAN DATUM OF 1927) AND NGVD–29 (THE NATIONAL GEODETIC VERTICAL DATUM OF 1929), AS STATED IN THE REFERENCE PLAN 2 NOTE 3 & SUBSEQUENTLY VERIFIED BY THIS OFFICE VIA GPS (GLOBAL POSITIONING) IN 2001.

7. A BOUNDARY "TIE IN" SURVEY WAS PERFORMED BY MERIDIAN LAND SERVICES, INC. PROPERTY LINES SHOWN HEREON WERE COMPILED AND MATHEMATICALLY COMPUTED FROM LAND COURT CASE NUMBER 7312. THESE COMPUTED PLANS WERE "BEST FIT" TO THE PROJECT COORDINATE SYSTEM USING NUMEROUS FIELD LOCATED MONUMENTS. SEE REFERENCE PLAN #3 FOR BOUNDARY LINES PERTAINING TO THIS PARCEL.

8. LAND CLASSIFICATION LINES SHOWN HEREON WERE TAKEN FROM REFERENCE PLAN 2.

9. ADDITIONAL SITE–WIDE INFORMATION CAN BE FOUND IN THE MASTER COVER CERTIFICATION REPORT, INCLUDING, MASTER RECORD DRAWINGS.

DIG SAFE – RI-ME-NH-VT-MA – 1-888-344-7233 CALL TOLL FREE – UTILITIES UNDERGROUND PLANT DAMAGE PREVENTION SYSTEM

CERTIFICATION:

THE UNDERSIGNED, A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS, HEREBY CERTIFIES THAT THE INFORMATION ON THESE RECORD PLANS CONTAINED HEREIN IS THE RESULT OF SURVEY WORK PERFORMED IN CONFORMANCE WITH THE CODE OF MASSACHUSETTS REGULATIONS 250, SECTION 6.03.

FINAL

PROFESSIONAL LAND SURVEYOR DATE

GRAPHIC SCALE
200' 100' 0 200' 400' 600'

REV.	DATE	DESCRIPTION		DR	CK
I	5/16/08	FINAL SUBMISSION	TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08	TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP	JGK
C	10/16/03	DEP REVISIONS	JF	MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR:
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:
MERIDIAN Land Services, Inc.
STREET ADDRESS: 31 OLD NASHUA RD, SUITE 2, AMHERST, N.H. 03031 TEL 603–673–1441 FAX 603–673–1584
MAILING ADDRESS: PO BOX 118, MILFORD, N.H. 03055–0118 EMAIL: MERIDIAN@MeridianLandServices.COM
ENGINEERS · LAND SURVEYORS · SCIENTISTS · LAND PLANNERS

DESIGNED BY:
Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603–668–0880 • FAX 603–668–1199

PROJECT RECORD (TAX MAP LOT 4-7-9)

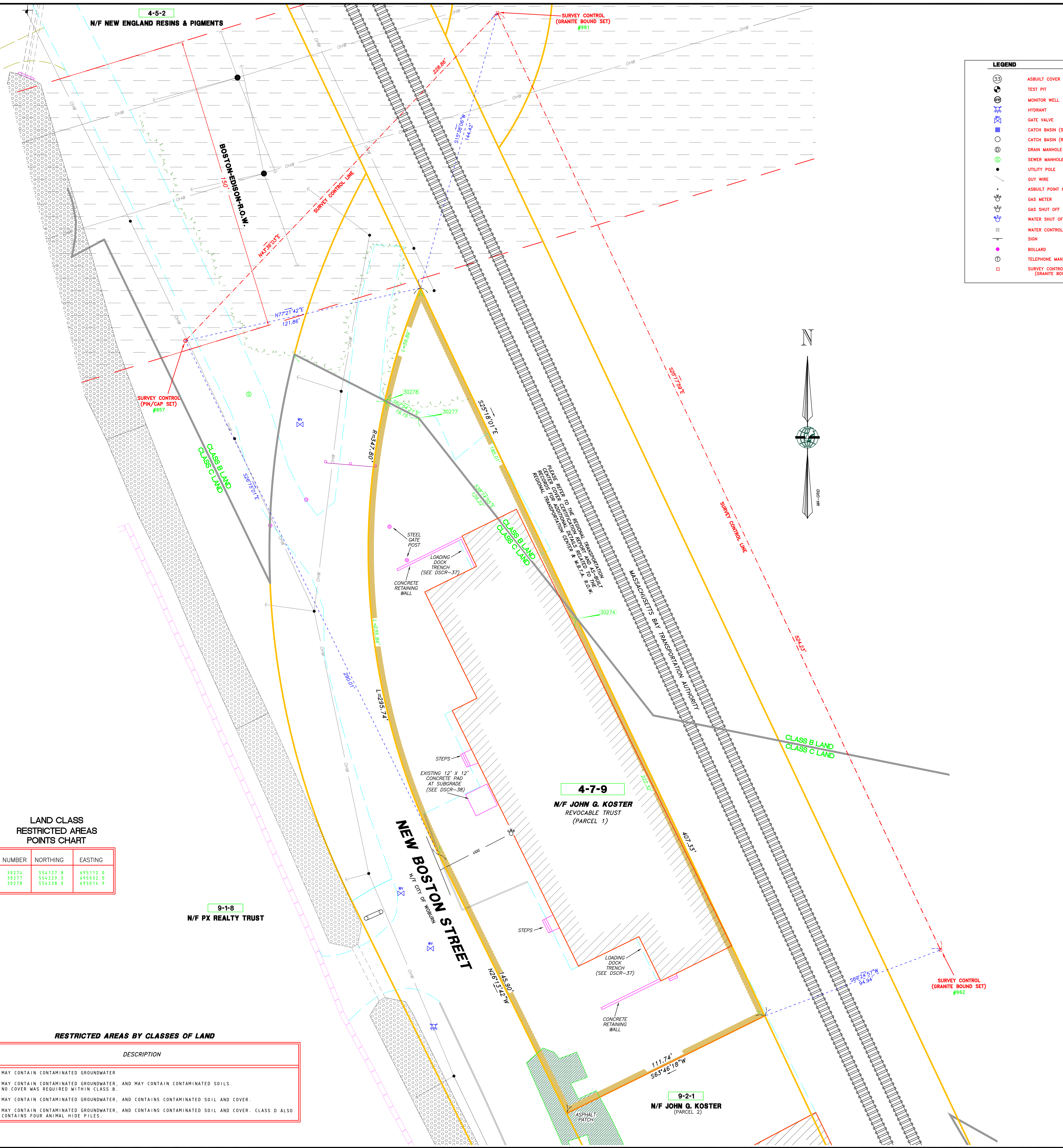
N/F KOSTER REV. TRUST (PARCEL 1)

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 200'
AUGUST 8, 2000

DESIGNED BY: MDP	A-11
DRAFTED BY: MDP	
CHECKED BY: JGK	SHEET NO.
FILE: 29001511I.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 1 OF 5

May 16, 2008 – 11:02am MDP Land Desktop 2004 – LDT4
H:\mls\02900-0-AB\2900.15\AS-BUILTS\0-PARCEL-1\



LAND CLASS RESTRICTED AREAS POINTS CHART

NUMBER	NORTHING	EASTING
30274	554127.8	695112.0
30277	554229.3	695032.0
30278	554238.0	695014.9

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
C	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.
D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

LEGEND

- ASBUILT COVER TYPE
- TEST PIT
- MONITOR WELL
- HYDRANT
- GATE VALVE
- CATCH BASIN (SQUARE)
- CATCH BASIN (ROUND)
- DRAIN MANHOLE
- SEWER MANHOLE
- UTILITY POLE
- GUY WIRE
- ASBUILT POINT NO. & LOCATION
- GAS METER
- GAS SHUT OFF
- WATER SHUT OFF
- WATER CONTROL BOX
- SIGN
- BOLLARD
- TELEPHONE MANHOLE
- SURVEY CONTROL MONUMENT (GRANITE BOUND SET)
- BOUNDARY LINE
- RIGHT-OF-WAY
- ABUTTING PROPERTY LINES
- ASPHALT, CONCRETE, GRANITE CURB
- TRANSITION ZONE
- LAND CLASS LINE
- N 551,000 GRID LINE
- EDGE OF EXISTING PAVEMENT
- LIMIT OF GEOTEXTILE
- A.T.&T. FIBER OPTIC CABLE
- TOE OF SLOPE
- TOP OF SLOPE
- LIMIT CHAIN LINK FENCE
- EDGE OF ASBUILT GRAVEL ROAD
- BACK EDGE OF PLANTER
- EDGE OF PROPOSED PAVEMENT
- EXISTING EASEMENT
- ASBUILT CULVERT
- LIMIT OF TREELINE
- EXISTING CONCRETE STRUCTURE
- LIMITS OF EXISTING EASEMENTS
- EDGE OF EXISTING BUILDINGS
- AREA OF LEDGE
- HIDE PILES BASED ON CONSENT DECREE
- LIMITS OF RIPRAP = 6" STONE
- AREA OF ENGINEERED COVER (COMPLIES WITH 100% DESIGN PLANS UNLESS OTHERWISE STATED)
- DSCR — DRAWING/SPECIFICATION CHANGE REQUEST
- ASBUILT FINISH GRADE CONTOUR 5' INTERVAL
- ASBUILT FINISH GRADE CONTOUR 1' INTERVAL
- OHW — OVERHEAD WIRES
- UGG — UNDERGROUND GAS LINE
- 99999 — POINT MARKER (SEE POINTS CHART)
- TIE COURSE
- SURVEY CONTROL LINE
- BORING LOCATION
- MICRO WELL LOCATION
- PIEZOMETER LOCATION
- SOIL SAMPLE LOCATION
- STAFF GUAGE LOCATION
- TENSIOMETER LOCATION
- UID LOCATION
- MONITORING WELL LOCATION

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
8	555829.94	696197.41	88.93	PIN/C(s)
9	554787.93	695334.79	93.29	MAGNL(s)
117	554935.71	696605.05	119.44	I.PIN(f)
118	554997.69	696744.31	124.49	I.PIN(f)
119	554977.42	696743.93	125.72	I.PIN(f)
120	556005.46	696613.05	95.27	C.B.(f)
128	555312.88	696740.29	115.51	I.PIN(f)
129	555279.16	696890.59	117.47	I.PIN(f)
130	555370.20	696889.50	118.61	C.B.(f)
132	554847.71	694915.95	78.43	I.PIN(f)
133	555058.90	695126.18	96.01	P.K.(f)
134	555102.46	695256.34	96.55	I.PIN(f)
135	555142.01	695222.63	90.28	P.K.(f)
157	555902.41	696284.78	90.59	C.B.(f)
216	553575.07	697396.19	72.34	DISK
218	554038.23	696400.64	91.30	I.PIN(s)
219	554833.75	696498.97	113.51	DISK
220	554921.67	695784.06	73.06	D.H.(f)
221	554863.96	695486.38	98.35	P.K.(f)
245	553801.79	695102.81	70.74	PIN/C(s)
301	552991.99	695650.71	67.70	G.B.(f)
302	552983.08	695726.35	68.00	G.B.(f)
303	552824.40	695720.82	66.92	G.B.(f)
751	550314.48	698866.23	58.42	G.B.(f)
752	550363.63	698811.51	57.52	G.B.(f)
754	550089.43	697819.49	53.51	G.B.(f)
755	550155.77	697925.27	54.70	G.B.(f)
756	550192.19	698080.56	56.08	PIN/C(f)
828	552989.66	695204.98	72.68	RRSPK(S)
831	555171.27	696067.95	92.16	PIN/C(s)
832	555602.29	695870.66	86.06	P.K.(s)
833	555464.48	695350.57	78.24	PIN/C(s)
834	555080.77	695290.39	96.82	PIN/C(s)
850	553166.01	695458.74	66.79	P.K.(f)
857	554268.42	694914.00	73.19	PIN/C(S)
858	553407.27	694721.18	73.66	P.K.(S)
871	553005.63	694989.59	75.27	P.K.(s)
872	553190.49	694871.47	74.38	P.K.(s)
873	553293.14	694886.21	73.74	PIN/C(s)
874	553152.45	695225.83	72.96	P.K.(s)
887	553569.05	697762.19	74.67	G.B.(s)
888	553762.69	698088.18	75.46	G.B.(F)
889	553895.58	698391.10	74.41	PIN/C(s)
890	553542.21	698649.64	72.97	G.B.(S)
891	552879.28	699142.48	69.34	PIN/C(s)
892	552674.56	699013.57	68.58	G.B.(S)
893	552536.04	698702.70	69.67	G.B.(S)
894	553002.10	698412.19	69.40	MAGNL(s)
895	552730.89	697787.70	67.50	MAGNL(s)
919	554648.09	696120.30	106.02	PIN/C(s)
920	553826.01	695995.76	79.40	PIN/C(s)
921	553411.21	696193.36	78.92	PIN/C(s)
922	552932.88	696420.08	71.72	DISK
923	553120.20	696816.46	72.78	DISK
924	553462.61	697331.77	68.39	DISK
925	553842.55	697009.22	94.88	PIN/C(s)
926	554203.87	697060.28	79.00	DISK
927	553812.75	696737.39	107.69	PIN/C(s)
928	552561.74	696815.28	88.15	PIN/C(s)
929	552790.55	697119.09	71.75	PIN/C(s)
930	553018.55	697429.53	68.02	DISK
931	554521.49	694626.27	87.39	D.H.(f)
932	554421.26	694348.31	101.39	G.B.(f)
933	554251.87	694364.55	90.95	PIN/C(s)
934	553498.56	694623.81	69.94	PIN/C(s)
935	553378.01	694317.96	72.10	PIN/C(s)
936	553290.51	694245.09	81.03	PIN/C(s)
937	553114.85	694221.58	97.94	PIN/C(s)
938	552836.93	694953.72	80.60	DISK
944	550614.66	697637.80	N/A	G.B.(F)
945	554503.77	694825.96	74.68	P.K.(f)
947	552692.72	695376.15	65.92	DISK
948	552343.09	695555.77	63.57	G.B.(s)
949	552438.47	696030.92	71.73	DISK
950	552035.73	696313.53	68.40	G.B.(s)
951	551631.65	697151.14	65.87	DISK
952	551433.89	697800.32	73.68	DISK
953	551087.91	698466.50	63.64	DISK
954	550919.29	698709.73	60.45	DISK
955	551532.44	698410.23	63.71	DISK
956	551861.31	698260.16	65.21	DISK
957	552364.26	698003.18	67.73	G.B.(F)
960	554579.37	695677.56	96.32	G.B.(s)
961	554434.15	695071.84	85.91	G.B.(s)
962	553960.20	695295.87	79.76	G.B.(s)
963	553612.09	695462.70	78.81	DISK
964	553810.04	696003.71	79.67	G.B.(s)
965	553424.46	696186.34	79.67	G.B.(s)
966	553373.67	695576.30	77.68	DISK
967	553108.66	695695.24	76.92	DISK
968	552790.10	695786.11	73.69	DISK
971	554878.15	696698.61	129.11	PIN/C(s)
972	555073.02	696822.69	125.79	PIN/C(s)
973	555324.98	697186.40	117.15	PIN/C(s)
974	555328.29	697548.91	96.63	G.B.(f)
975	555468.38	697809.50	92.45	DISK
976	555640.49	697867.72	72.09	G.B.(s)
977	555411.42	697997.77	85.47	PIN/C(s)
978	555238.37	697940.64	70.49	G.B.(S)
979	555115.28	698015.18	87.78	PIN/C(s)
980	554928.03	698008.18	80.93	PIN/C(s)
981	554828.02	697781.52	67.51	G.B.(S)
982	554608.27	697651.96	76.95	DISK
983	554337.91	697697.91	77.28	MAGNL(s)
984	554073.15	697638.96	76.58	PIN/C(s)
985	554090.37	697850.88	75.15	PIN/C(s)

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
986	553791.19	697828.87	72.71	G.B.(F)
1141	555436.21	696190.95	93.57	I.PIN(f)
10874	553119.80	695375.82	69.28	G.B.(f)
10875	553250.96	695361.95	69.88	G.B.(f)
10941	553209.59	695443.61	67.53	G.B.(f)
52003	553504.76	694675.40	69.61	I.PIN(f)
60500	552811.04	694811.44	81.43	G.B.(F)
60504	553493.08	694795.99	68.28	G.B.(F)
60505	553431.74	694740.48	72.60	G.B.(F)
60511	552626.22	694850.12	75.34	I.PIN(F)
60516	552373.95	695412.38	64.04	I.PIN(F)
60518	551650.24	696899.13	59.14	C.B.(F)
60519	553266.67	696998.63	71.39	I.PIN(F)
60545	550535.42	698962.56	N/A	I.PIN(F)
60549	550646.41	699172.79	N/A	G.B.(F)
60551	550588.82	697583.34	N/A	G.B.(F)
60552	550611.64	697561.55	N/A	G.B.(F)
60557	551335.71	698564.07	N/A	C.B.(F)
60558	551388.23	698534.25	N/A	G.B.(F)
60615	553385.09	694695.50	75.40	I.PIN(F)
60950	550705.00	699289.45	N/A	G.B.(F)
62001	553285.48	694294.18	77.01	I.PIN(F)
65000	552990.73	694384.08	81.27	DISK
65001	554187.89	694605.57	73.26	G.B.(S)
65002	553508.43	695088.74	70.95	G.B.(S)
65003	552503.26	696521.21	65.89	G.B.(s)
65004	552366.69	696350.85	66.78	G.B.(s)
65005	553796.88	697140.89	74.08	DISK
65006	552744.10	697194.90	65.26	DISK
65007	555414.66	697522.06	102.24	G.B.(F)
65008	555217.20	697514.54	90.27	G.B.(F)
65009	555605.36	697779.98	90.97	C.B.(F)
65010	555803.93	697977.42	72.86	D.H.(F)
65011	555708.75	697858.52	73.01	D.H.(F)
65012	555702.94	697888.20	70.08	D.H.(F)
65013	555745.19	697945.39	70.36	D.H.(F)
65014	555440.08	698036.86	89.23	D.H.(F)
65015	555409.32	698071.85	82.18	G.B.(F)
65016	553829.73	698214.01	76.93	G.B.(F)
65017	553712.31	698725.05	66.57	G.B.(F)
65018	552588.82	698672.03	69.10	G.B.(F)
65019	552588.11	698792.15	69.58	G.B.(F)

GRAPHIC SCALE
20' 10' 0 20' 40' 60'

REV.	DATE	DESCRIPTION		DR	CK
I	5/16/08	FINAL SUBMISSION	TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08	TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP	JGK
C	10/16/03	DEP REVISIONS	JF	MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR:
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:
MERIDIAN Land Services, Inc.
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY:
Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 4-7-9)

BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS AND ASBUILT DRAINAGE

INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

SCALE: 1" = 20'
AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900151l2.dwg
DO NOT SCALE DRAWING

A-12
SHEET NO.
PROJECT: 2900.00
SHEET 2 OF 5

May 16, 2008 - 1:13pm MDP Land Desktop 2004 - LDT4
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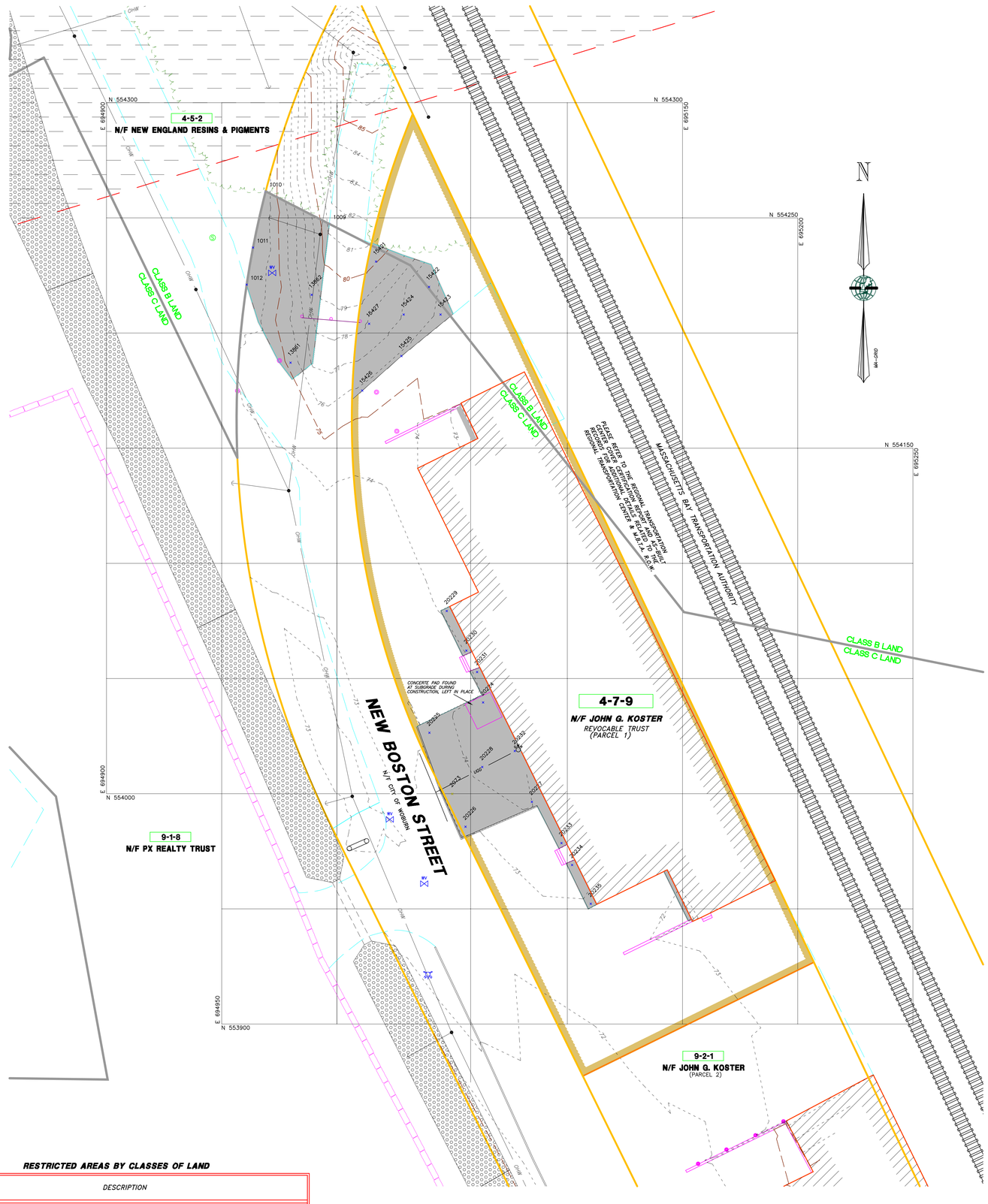

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	(Subgrade) Geotextile Elev. Feet	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
1009	554246.2	694994.0	79.40	80.82	17.04	81.22	4.80	21.84	EZ
1010	554260.2	694968.8	70.84	72.72	22.56	73.32	7.20	29.76	EZ
1011	554236.3	694963.9	70.94	72.95	24.12	73.45	6.00	30.00	EZ
1012	554225.4	694961.5	71.77	73.04	15.24	73.24	0.20	17.64	EZ
2073	554000.4	695049.9	71.61	73.18	18.84	73.52	4±	22.92	GRID
13861	554186.2	694979.9	73.24	74.57	15.96	75.07	0.50	21.96	R
13862	554217.7	694989.2	76.56	77.70	13.68	78.10	4.80	18.48	R
20224	554037.9	695064.9	73.70	74.74	12.48	75.08	4±	16.56	R
20225	554026.3	695040.3	71.69	73.43	20.88	73.77	4±	24.96	R
20226	553986.7	695056.0	71.38	73.17	21.48	73.51	4±	25.56	R
20227	553997.2	695085.2	72.20	73.80	19.20	74.14	4±	23.28	R
20228	554009.5	695063.6	72.14	73.73	19.08	74.07	4±	23.16	R
20229	554079.0	695048.1	72.91	73.93	12.24	74.27	4±	16.32	R
20230	554061.5	695055.6	72.86	73.92	12.72	74.26	4±	16.80	R
20231	554053.0	695060.9	72.49	73.63	13.68	73.97	4±	17.76	R
20232	554015.8	695076.9	72.86	73.94	12.96	74.28	4±	17.04	R
20233	553978.4	695097.9	71.93	73.31	16.56	73.65	4±	20.64	R
20234	553969.4	695102.7	72.02	73.10	12.96	73.44	4±	17.04	R
20235	553952.6	695110.4	71.56	72.61	12.60	72.95	4±	16.68	R

EARTH-TECH POINTS TABLE

Point Number	Northing	Easting	(Subgrade) Geotextile Elev. Feet	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
15421	554231.0	695017.0	78.65	79.65	12.00	80.21	6.72	18.72	K-21
15422	554220.0	695040.0	74.14	75.49	16.20	76.31	9.84	26.04	K-22
15423	554208.0	695045.0	73.85	75.01	13.92	75.99	11.76	25.68	K-23
15424	554208.0	695029.0	75.35	75.90	6.60	76.88	11.76	18.36	K-24
15425	554190.0	695028.0	73.90	74.90	12.00	75.90	12.00	24.00	K-25
15426	554175.0	695011.0	74.22	75.14	11.04	75.87	8.76	19.80	K-26
15427	554204.0	695014.0	76.47	77.23	9.12	78.03	9.60	18.72	K-27

NOTE: INFORMATION SHOWN ON THE TABLE ABOVE WAS PROVIDED BY EARTH-TECH, AND IS THE RESULT OF FIELD DATA COLLECTED BY EARTH-TECH DURING THE CONSTRUCTION SEASON OF 1992-1994.

POINT DESCRIPTORS			
A	AERO	HYD	HYDRANT
BEOP	BACK EDGE OF PLANTER	K	KOSTER
BLDG	BUILDING	LIM	LIMIT
BNDY	BOUNDARY	MW	MONITOR WELL
BR	BREAK IN SLOPE	P	PERO (NOW WIP REALTY TRUST)
C##	CONTOUR INTERVAL	PLNTR	PLANTER
CG	COVER GRADE	PC	POINT OF CURVATURE
CHNL	CHANNEL	POC	POINT ON CURVE
CL	CENTERLINE	PT	POINT OF TANGENCY
CLF	CHAIN LINK FENCE	PX	PX REALTY
CONT	CONTOURS	R	RANDOM
COR	CORNER	RD	ROAD
CUL	CULVERT	REM	REMEDIATION
CURBa	ASPHALT CURB	RPRP	RIPRAP
CURBg	GRANITE CURB	SG	SUBGRADE
D	DAGATA	SL	SLOPE
DTCH	DITCH	SWL	SWALE
E.	EDGE OF	TOB	TOP OF BANK
E.C.	EDGE OF CONCRETE	TOE	TOE OF SLOPE
E.P	EDGE OF PAVEMENT	TOP	TOP OF SLOPE
EX	EXCAVATION	TRAN	TRANSITION ZONE
EZ	EXCLUSION ZONE	UC	UTILITY CORRIDOR
FAB	FABRIC	UCN	NORTH UTILITY CORRIDOR
FG	FINISH GRADE	UP	UTILITY POLE
G	GENERAL POINT	WG	WATERGATE
GUY	GUY WIRE	RRBD	RAILROAD BED

LEGEND

BOUNDARY LINE	ASBUILT COVER TYPE
RIGHT-OF-WAY	TEST PIT
ABUTTING PROPERTY LINES	MONITOR WELL
ASPHALT, CONCRETE, GRANITE CURB	HYDRANT
TRANSITION ZONE	GATE VALVE
LAND CLASS LINE	CATCH BASIN (SQUARE)
N 551,000 GRID LINE	CATCH BASIN (ROUND)
EDGE OF EXISTING PAVEMENT	DRAIN MANHOLE
LIMIT OF GEOTEXTILE	SEWER MANHOLE
A.T.&T. FIBER OPTIC CABLE	UTILITY POLE
TOE OF SLOPE	GUY WIRE
TOP OF SLOPE	+14000 ASBUILT POINT NO. & LOCATION
LIMIT CHAIN LINK FENCE	GAS METER
EDGE OF ASBUILT GRAVEL ROAD	GAS SHUT OFF
BACK EDGE OF PLANTER	WATER SHUT OFF
EDGE OF PROPOSED PAVEMENT	WATER CONTROL BOX
EXISTING EASEMENT	SIGN
ASBUILT CULVERT	BOLLARD
LIMIT OF TREELINE	TELEPHONE MANHOLE
EXISTING CONCRETE STRUCTURE	
ASBUILT FINISH GRADE CONTOUR 5' INTERVAL	
ASBUILT FINISH GRADE CONTOUR 1' INTERVAL	
OHW OVERHEAD WIRES	
UGG UNDERGROUND GAS LINE	
LIMITS OF EXISTING EASEMENTS	HIDE PILES BASED ON CONSENT DECREE
EDGE OF EXISTING BUILDINGS	LIMITS OF RIPRAP = 6" STONE
AREA OF LEDGE	AREA OF ENGINEERED COVER (COMPLIES WITH TOOR DESIGN PLANS UNLESS OTHERWISE STATED)

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
C	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.
D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

GRAPHIC SCALE

20' 10' 0 20' 40' 60'

REV.	DATE	DESCRIPTION	DR	CK
I	5/16/08	FINAL SUBMISSION	TC DBH	MDP MDP
G	8/29/07	EPA & DEP COMMENTS OF 8/29/07	TC DBH	MDP MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF CAC	MDP MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL MDP	JGK JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF MDP	JGK JGK
C	10/16/03	DEP REVISIONS	JF MDP	JGK JGK
B	8/11/03	EPA REVISIONS	JF MDP	JGK JGK
A	8/8/00	ISSUE FOR REVIEW	MDP	JGK JGK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services, Inc. 10 Commercial Street, Suite 1, Plaistow, NH 03865 Phone: 603.382.5960 Fax: 603.382.5961 www.meridianlandservices.com ENGINEERS • LAND SURVEYORS • SCIENTISTS • LAND PLANNERS

DESIGNED BY:

Golder Associates 400 Commercial Street Manchester, New Hampshire Manchester, N.H. USA 03101 603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 4-7-9)

RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = 20'

DESIGNED BY: MDP	A-13
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JGK	
FILE: 29001513.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 3 OF 5

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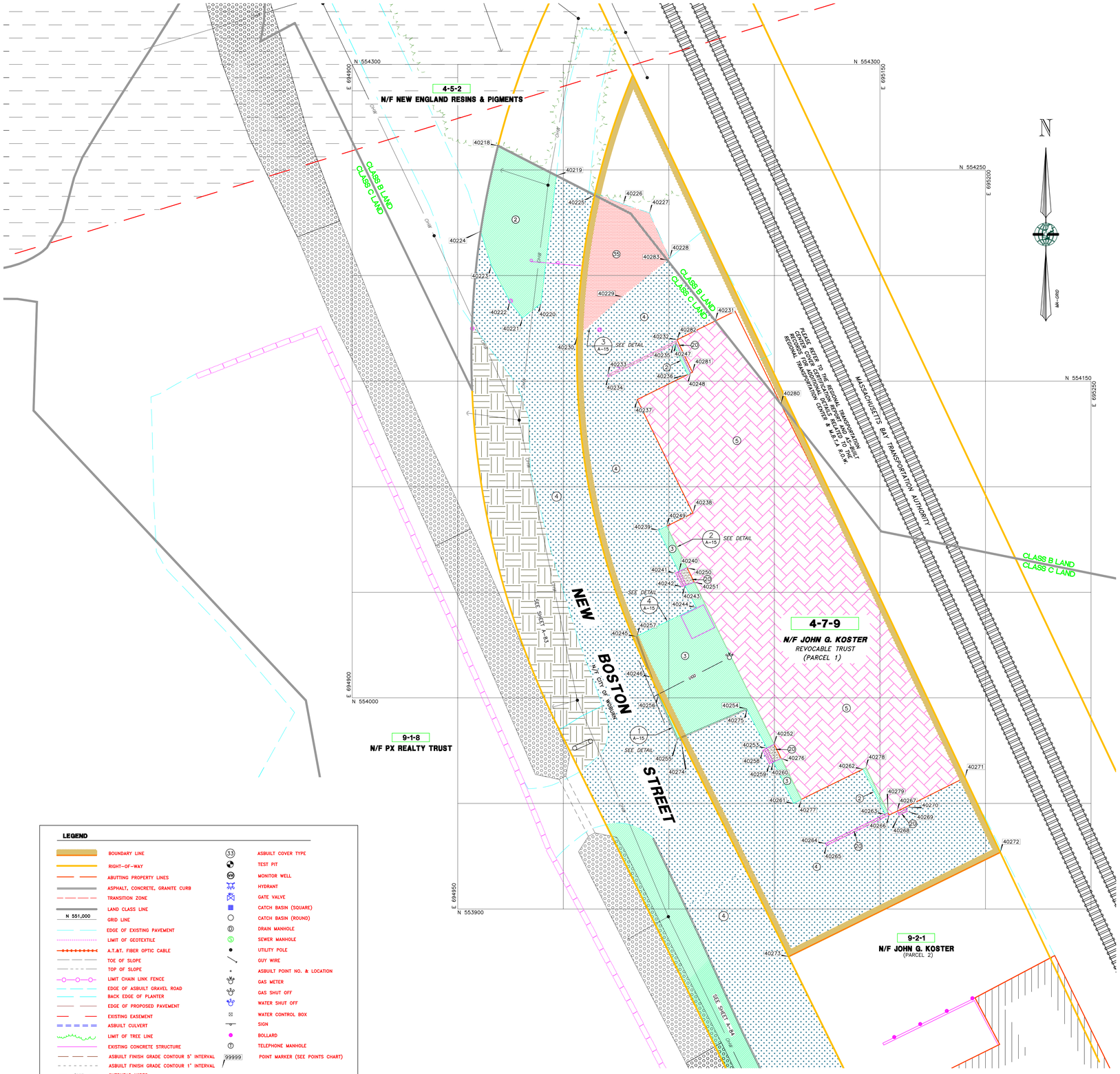

COVER TYPES (ENGINEERED)

AREA	ORIGINAL CONDITION	COVER TYPE
1	VARIES	ABOVE GRADE ENGINEERED PERMEABLE COVER
2	VARIES	AT GRADE ENGINEERED PERMEABLE COVER
3	PLANTER WITH GRASS SHRUBS, SMALL TREES	AT GRADE ENGINEERED PERMEABLE COVER
6	DRAINAGE SWALE	ENGINEERED COVER GRAVEL/COBBLE LINED
7	DRAINAGE SWALE	CONCRETE CULVERT (BENEATH EAST-CENTRAL HIDE PILE REMEDIATED SLOPE)
9	WETLANDS	ABOVE GRADE ENGINEERED PERMEABLE COVER (WETLANDS REMEDIATION)
10	WETLANDS	DREDGE SEDIMENT, PLACE PERMEABLE COVER (WETLANDS REMEDIATION)
11	EAST HIDE PILE	IMPERMEABLE COVER ENGINEERED (EAST HIDE PILE REMEDIATION)
12	VARIES	ABOVE GRADE ENGINEERED PERMEABLE COVER (EXTENT OF SOUTH HIDE PILE REMEDIATION)
13	SOUTH HIDE PILE	ABOVE GRADE ENGINEERED PERMEABLE COVER
14	EAST CENTRAL HIDE PILE	ABOVE GRADE ENGINEERED PERMEABLE COVER
15	DEPRESSION VEGETATION VARIES	AT GRADE ENGINEERED PERMEABLE COVER
16	RAILROAD LINES	ENGINEERED RAILROAD COVER
17	VARIES	PLACE TRENCH DRAIN
18	VARIES	GRAVEL ACCESS ROAD
19	CHROMIUM LAGOONS	FILL, ABOVE GRADE ENGINEERED PERMEABLE COVER

AREA	ORIGINAL CONDITION	COVER TYPE
20	CONCRETE FOUNDATION	CLEAR, CLEAN & PATCH
22	PAVED	REGRADE, ABOVE GRADE ENGINEERED ASPHALT
23	VARIES	PLACE CULVERT
24	CULVERT	EXTEND CULVERT
25	VARIES	SEE NOTE 4 (SHEET 11-30) (ON REFERENCE PLAN 2)
26	VARIES	ABOVE GRADE ENGINEERED ASPHALT COVER
27	VARIES	EXCAVATE, STORMWATER STORAGE, PLACE 16" FILL ENGINEERED COVER
28	DRAINAGE CHANNEL	DREDGE 16" SEDIMENT, PLACE GRAVEL/COBBLE LINING ENGINEERED COVER
29	EXISTING MDC SEWER SERVICE	RAISE MANHOLES
31	DRAINAGE SWALE	DREDGE 16", PLACE GRAVEL/COBBLE (GROUNDWATER RECHARGE BASIN)
32	VARIES	AT GRADE ENGINEERED COVER (GRAVEL SURFACE)
33	VARIES	ABOVE GRADE ENGINEERED COVER (GRAVEL SURFACE)
34	VARIES	GROUNDWATER TREATMENT PLANT
35	VEGETATION VARIES	AT GRADE ENGINEERED ASPHALT COVER
36	WEST HIDE PILE	ABOVE GRADE ENGINEERED PERMEABLE COVER
37	VARIES	GRAVEL/COBBLE LINED CREATED WETLAND STREAM

(2) & (3) AT GRADE ENGINEERED PERMEABLE COVER

(35) AT GRADE ENGINEERED ASPHALT COVER

COVER TYPES (EQUIVALENT)

AREA	ORIGINAL CONDITION	EQUIVALENT COVER TYPE
4	PAVED	EQUIVALENT COVER
5	BUILDING	EQUIVALENT COVER
8	BEDROCK DRAINAGE SWALE	BLAST/EXCAVATE CHANNEL EQUIVALENT COVER
21	BEDROCK OUTCROP	GRUB & CLEAN EQUIVALENT COVER
30	STACK	EQUIVALENT COVER

(4) PAVED EQUIVALENT COVER

(5) BUILDING EQUIVALENT COVER

(20) CONCRETE EQUIVALENT COVER

COVER TYPE POINT CHART

NUMBER	NORTHING*	EASTING*
40218	554261.5	694969.1
40219	554247.4	694996.7
40220	554186.8	694989.4
40221	554180.0	694980.7
40222	554187.7	694974.8
40223	554204.9	694965.9
40224	554221.0	694960.9
40225	554239.0	694915.1
40226	554233.8	695028.5
40227	554229.7	695040.9
40228	554208.2	695050.4
40229	554190.0	695028.0
40230	554171.1	695006.6
40231	554178.5	695072.0
40232	554169.6	695053.9
40233	554152.9	695020.9
40234	554152.0	695021.4
40235	554167.3	695052.2
40236	554153.1	695058.9
40237	554141.3	695035.0
40238	554087.5	695061.4
40239	554079.4	695045.1
40240	554059.8	695054.7
40241	554059.1	695053.2
40242	554052.7	695056.3
40243	554053.2	695057.7
40244	554042.8	695043.1
40245	554029.1	695034.5
40246	554010.0	695041.5
40247	554168.0	695053.5
40248	554153.8	695060.3
40249	554081.3	695048.9
40250	554061.6	695058.6
40251	554054.8	695062.0
40252	553978.0	695099.9
40253	553976.2	695096.5
40254	553994.9	695086.9
40255	553980.8	695054.1
40256	554001.5	695045.1
40257	554029.3	695034.9
40258	553975.2	695094.5
40259	553968.9	695097.6
40260	553969.7	695099.6
40261	553950.0	695109.1
40262	553966.3	695142.0
40263	553944.9	695152.5
40264	553931.0	695124.2
40265	553930.1	695124.8
40266	553944.5	695154.3
40267	553946.3	695158.1
40268	553945.5	695159.1
40269	553946.2	695163.0
40270	553948.3	695162.1
40271	553962.2	695190.3
40272	553926.8	695207.0
40273	553877.4	695106.8
40274	553980.9	695055.8
40275	553996.4	695087.1
40276	553971.3	695103.2
40277	553951.9	695112.8
40278	553966.9	695143.3
40279	553945.6	695153.8
40280	554139.1	695103.1
40281	554154.2	695061.2
40282	554169.3	695054.0
40283	554207.3	695049.3

* HORIZONTAL POSITION REPRESENTED BY DATA LISTED ABOVE WAS DEVELOPED FROM VARIOUS SOURCES. (SEE NOTES 3 & 4 ON SHEET 1)

LEGEND

- BOUNDARY LINE
- RIGHT-OF-WAY
- ABUTTING PROPERTY LINES
- ASPHALT, CONCRETE, GRANITE CURB
- TRANSITION ZONE
- LAND CLASS LINE
- N 551,000 GRID LINE
- EDGE OF EXISTING PAVEMENT
- LIMIT OF GEOTEXTILE
- A.T.&T. FIBER OPTIC CABLE
- TOE OF SLOPE
- TOP OF SLOPE
- LIMIT CHAIN LINK FENCE
- EDGE OF ASBUILT GRAVEL ROAD
- BACK EDGE OF PLANTER
- EDGE OF PROPOSED PAVEMENT
- EXISTING EASEMENT
- ASBUILT CULVERT
- LIMIT OF TREE LINE
- EXISTING CONCRETE STRUCTURE
- ASBUILT FINISH GRADE CONTOUR 5' INTERVAL
- ASBUILT FINISH GRADE CONTOUR 1' INTERVAL
- OHW OVERHEAD WIRES
- UGG UNDERGROUND GAS LINE
- LIMITS OF EXISTING EASEMENTS
- EDGE OF EXISTING BUILDINGS
- (33) ASBUILT COVER TYPE
- TEST PIT
- (MW) MONITOR WELL
- HYDRANT
- GATE VALVE
- CATCH BASIN (SQUARE)
- CATCH BASIN (ROUND)
- DRAIN MANHOLE
- SEWER MANHOLE
- UTILITY POLE
- GUY WIRE
- ASBUILT POINT NO. & LOCATION
- GAS METER
- GAS SHUT OFF
- WATER SHUT OFF
- WATER CONTROL BOX
- SIGN
- BOLLARD
- TELEPHONE MANHOLE
- 99999 POINT MARKER (SEE POINTS CHART)
- AREA OF LEDGE AT SUBGRADE

(X) / (A-XX) DETAIL/CROSS SECTION DESIGNATION / SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
C	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.
D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

GRAPHIC SCALE

20' 10' 0 20' 40' 60'

REV.	DATE	DESCRIPTION	DR	CK
I	5/16/08	FINAL SUBMISSION	TC DBH	MDP MDP
H	8/29/07	EPA & DEP COMMENTS OF 8/29/07	TC CAH	MDP MDP
G	8/3/06	EPA & DEP COMMENTS OF 8/3/06	JF CAC	MDP MDP
F	5/1/07	EPA & DEP COMMENTS OF 7/12/04	KL MDP	JGK JGK
E	9/21/05	EPA & DEP COMMENTS OF 10/30/03	JF MDP	JGK JGK
D	6/11/04	DEP REVISIONS	JF MDP	JGK JGK
C	10/16/03	EPA REVISIONS	JF MDP	JGK JGK
B	8/11/00	ISSUE FOR REVIEW	MDP	JGK
A	8/8/00			

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services, Inc. 2 Technology Park Drive, Westford, MA 01886 Tel. 978-692-1313 Fax 978-692-1314 www.meridian-landservices.com ENGINEERS - LAND SURVEYORS - GEOENTERS - LAND PLANNERS

DESIGNED BY: Golder Associates Manchester, New Hampshire 400 Commercial Street Manchester, NH, USA 03101 603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 4-7-9)

COVER TYPES AND TRANSITIONS

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 20'

AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK

A-14
SHEET NO.

FILE: 290015114.dwg
PROJECT: 2900.00
DO NOT SCALE DRAWING
SHEET 4 OF 5

May 16, 2008 – 1:37am MDP Land Desktop 2004 – LDT4
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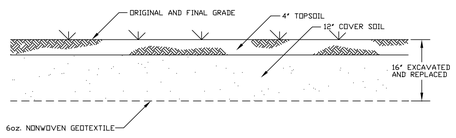
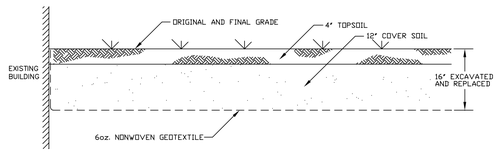
COVER TYPES

(2) & (3)

AT GRADE ENGINEERED PERMEABLE COVER
NOT TO SCALE





2 / A-15 **TYPICAL AT GRADE ENGINEERED COVER AT BUILDING TIE IN**
NOT TO SCALE

LEGEND

(X / A-15) — DETAIL/CROSS SECTION DESIGNATION
SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED

NOTES

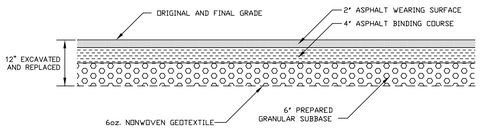
1.) FOR SLOPES FLATTER THAN 25% A 16oz. NONWOVEN GEOTEXTILE WAS INSTALLED ON HIDE PILES AND A 6oz. NONWOVEN GEOTEXTILE WAS INSTALLED ELSEWHERE.

2.) SEE SPECIFICATIONS FOR DETAILS AND MATERIALS USED.

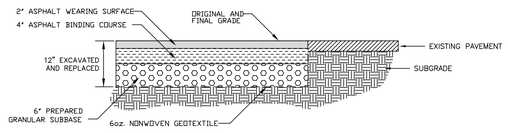
3.) PLEASE REFER TO THE REGIONAL TRANSPORTATION CENTER COVER CERTIFICATION REPORT AND AS-BUILT RECORDS FOR ADDITIONAL DETAILS RELATED TO THE REGIONAL TRANSPORTATION CENTER.

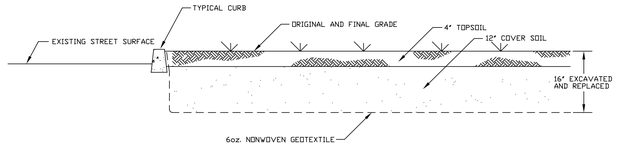
COVER TYPE

(35) **AT GRADE ENGINEERED ASPHALT COVER**
NOT TO SCALE

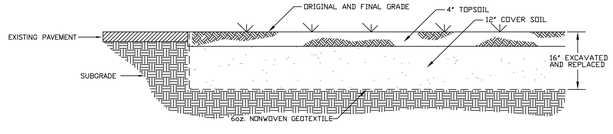


3 / A-15 **TYPICAL AT GRADE ENGINEERED COVER AT EXISTING ASPHALT TIE-IN**
NOT TO SCALE





1 / A-15 **TYPICAL AT GRADE ENGINEERED COVER AT CURB TIE IN**
NOT TO SCALE



4 / A-15 **TYPICAL AT GRADE ENGINEERED COVER AT EXISTING ASPHALT TIE-IN**
NOT TO SCALE

REV.	DATE	DESCRIPTION	DR	CK
I	5/16/08	FINAL SUBMISSION	TC	DBH MDP
H	2/29/08	EPA COMMENTS OF 1/22/08	TC	DBH MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP JCK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP JCK
C	10/16/03	DEP REVISIONS	JF	MDP JCK
B	8/17/01	EPA REVISIONS	JF	MDP JCK
A	8/8/00	ISSUE FOR REVIEW		MDP JCK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. *Environmental Consulting & Management*

PREPARED BY: MERIDIAN Land Services, Inc. — 1 MERIDIAN WAY, BEDFORD, NEW HAMPSHIRE 03110 — (603) 623-8400 FAX (603) 623-8450 — WWW.MERIDIANLSI.COM — ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY: Golder Associates — Manchester, New Hampshire — 400 Commercial Street, Manchester, N.H. USA 03101 — 603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 4-7-9)

DETAILS & TRANSITIONS

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = NONE

DESIGNED BY: MDP	A-15
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JCK	
FILE: 29001515.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 5 OF 5

May 16, 2008 – 2:02pm MDP Land Desktop 2004 – L074
H:\jobs\02900-0-49\29001515\AS-BUILTS\S-PARCEL-1\

INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
LOCUS OF TAX MAP LOT 9-2-1 (AKA LOT IC-2)
N/F KOSTER REVOCABLE TRUST (PARCEL 2)
RECORD DRAWINGS
WOBURN, MASSACHUSETTS
AUGUST 8, 2000

REFERENCE PLANS:

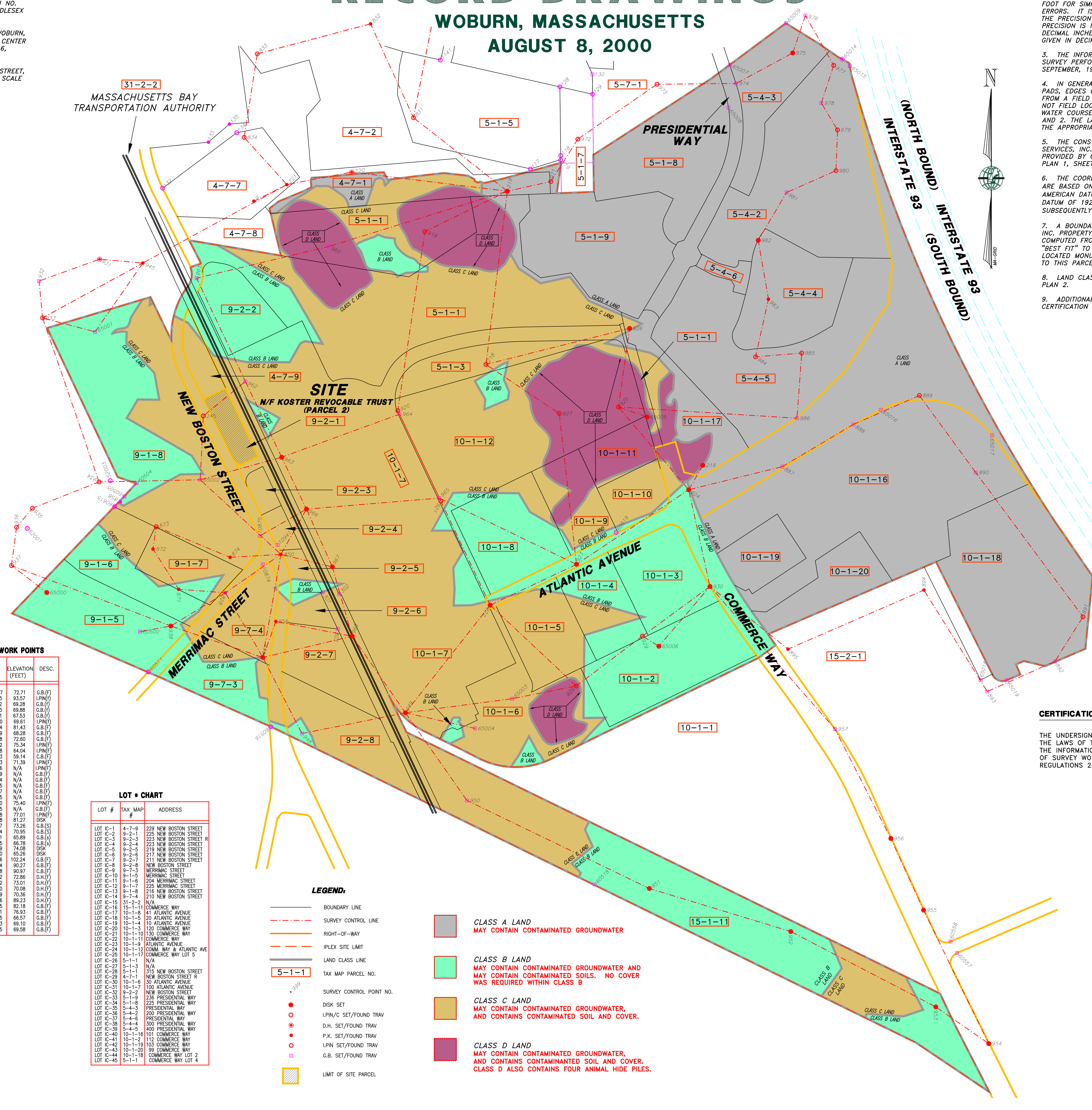
1. "REGIONAL TRANSPORTATION CENTER– WOBURN, MASSACHUSETTS" ALTERNATE COVER DESIGN– ISSUED FOR EPA/DEP APPROVAL, DATE ISSUED: MAY 16, 1995 LATEST ISSUE: JULY 26, 1996, BY VANASSE HANGEN BRUSTLIN, INC., WATERTOWN, MA

2. "INDUSTRIAL–PLEX SITE – WOBURN, MASSACHUSETTS – 100% DESIGN REPORT, PART I – REMEDIAL WORK FOR SOIL, SEDIMENTS AND AIR– VOLUME 7 OF 8", PREPARED BY GOLDER ASSOCIATES, MT. LAUREL, N.J., APRIL 25, 1992.

3. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY SPARTAN SURVEY SERVICE DECEMBER 14, 1978", SCALE 1"=100', CERT. OF TITLE NO. 157868 BOOK 919 PAGE 118, RECORDED AS PLAN NO. 7312T ON JUNE 14, 1979 AT SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

4. "INDEX PLAN OF – LAND COURT SUBDIVISION – IN – WOBURN, MA" PREPARED FOR THE NORTHEAST REGIONAL TRANSPORTATION CENTER BY MASSACHUSETTS PORT AUTHORITY, DATED OCTOBER 21, 1996, SHEETS 1–6. LCC 7312.

5. "PLAN OF RELOCATION OF A PORTION OF NEW BOSTON STREET, WOBURN, AS ORDERED BY THE COUNTY COMMISSIONERS, 1978, SCALE 1"=40'", SHEETS 4 & 5 OF 5. DOCUMENT NO. 579260.



SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
8	555829.94	696197.41	88.93	PIN/C(s)
9	554787.93	695334.79	93.29	MAGNL(s)
117	554935.71	696605.05	119.44	I.PIN(f)
118	554997.69	696744.31	124.49	I.PIN(f)
119	554977.42	696743.93	125.72	I.PIN(f)
120	556005.46	696613.05	95.27	C.B.(f)
128	555312.88	696740.29	115.51	I.PIN(f)
129	555279.16	696890.59	117.47	I.PIN(f)
130	555370.20	696889.50	118.61	C.B.(f)
132	554847.71	694915.95	78.43	I.PIN(f)
133	555058.90	695126.18	96.01	P.K.(f)
134	555102.46	695256.34	96.55	I.PIN(f)
135	555142.01	695222.63	90.28	P.K.(f)
157	555902.41	696284.78	90.59	C.B.(f)
216	553575.07	697396.19	72.34	DISK
218	554038.23	696400.64	91.30	I.PIN(s)
219	554833.75	696498.97	113.51	DISK
220	554921.67	695784.06	73.06	D.H.(f)
221	554863.96	695486.38	98.35	P.K.(f)
245	553801.79	695102.81	70.74	PIN/C(s)
301	552991.99	695650.71	67.70	G.B.(f)
302	552983.08	695726.35	68.00	G.B.(f)
303	552824.40	695720.82	66.92	G.B.(f)
751	550314.48	698866.23	58.42	G.B.(f)
752	550363.63	698811.51	57.52	G.B.(f)
754	550089.43	697819.49	53.51	G.B.(f)
755	550155.77	697925.27	54.70	G.B.(f)
756	550192.19	698080.56	56.08	PIN/C(f)
828	552989.66	695204.98	72.68	RRSPK(S)
831	555171.27	696067.95	92.16	PIN/C(s)
832	555602.29	695870.66	86.06	P.K.(s)
833	555464.48	695350.57	78.24	PIN/C(s)
834	555080.77	695290.39	96.82	PIN/C(s)
850	553166.01	695458.74	66.79	P.K.(f)
857	554268.42	694914.00	73.19	PIN/C(S)
858	553407.27	694721.18	73.66	P.K.(S)
871	553005.63	694989.59	75.27	P.K.(s)
872	553190.49	694871.47	74.38	P.K.(s)
873	553293.14	694886.21	73.74	PIN/C(s)
874	553152.45	695225.83	72.96	P.K.(s)
887	553569.05	697762.19	74.67	G.B.(s)
888	553762.69	698088.18	75.46	G.B.(F)
889	553895.58	698391.10	74.41	PIN/C(s)
890	553542.21	698649.64	72.97	G.B.(S)
891	552879.28	699142.48	69.34	PIN/C(s)
892	552674.56	699013.57	68.58	G.B.(s)
893	552536.04	698702.70	69.67	G.B.(S)
894	553002.10	698412.19	69.40	MAGNL(s)
895	552730.89	697787.70	67.50	MAGNL(s)
919	554648.09	696120.30	106.02	PIN/C(s)
920	553826.01	695995.76	79.40	PIN/C(s)
921	553411.21	696193.36	78.92	PIN/C(s)
922	552932.88	696420.08	71.72	DISK
923	553120.20	696816.46	72.78	DISK
924	553462.61	697331.77	68.39	DISK
925	553842.55	697009.22	94.88	PIN/C(s)
926	554203.87	697060.28	79.00	DISK
927	553812.75	696737.39	107.69	PIN/C(s)
928	552561.74	696815.28	88.15	PIN/C(s)
929	552790.55	697119.09	71.75	PIN/C(s)
930	553018.55	697429.53	68.02	DISK
931	554521.49	694626.27	87.39	D.H.(f)
932	554421.26	694348.31	101.39	G.B.(f)
933	554251.87	694364.55	90.95	PIN/C(s)
934	553498.56	694623.81	69.94	PIN/C(s)
935	553378.01	694317.96	72.10	PIN/C(s)
936	553290.51	694245.09	81.03	PIN/C(s)
937	553114.85	694221.58	97.94	PIN/C(s)
938	552836.93	694953.72	80.60	DISK
944	550614.66	697637.80	N/A	G.B.(F)
945	554503.77	694825.96	74.68	P.K.(f)
947	552692.72	695376.15	65.92	DISK
948	552343.09	695555.77	63.57	G.B.(s)
949	552438.47	696030.92	71.73	DISK
950	552035.73	696313.53	68.40	G.B.(s)
951	551631.65	697151.14	65.87	DISK
952	551433.89	697800.32	73.68	DISK
953	551087.91	698466.50	63.64	DISK
954	550919.29	698709.73	60.45	DISK
955	551532.44	698410.23	63.71	DISK
956	551861.31	698260.16	65.21	DISK
957	552364.26	698003.18	67.73	G.B.(F)
960	554579.37	695677.56	96.32	G.B.(s)
961	554434.15	695071.84	85.91	G.B.(s)
962	553960.20	695295.87	79.76	G.B.(s)
963	553612.09	695462.70	78.81	DISK
964	553810.04	696003.71	79.67	G.B.(s)
965	553424.46	696186.34	79.67	G.B.(s)
966	553373.67	695576.30	77.68	DISK
967	553108.66	695695.24	76.92	DISK
968	552790.10	695786.11	73.69	DISK
971	554878.15	696698.61	129.11	PIN/C(s)
972	555073.02	696822.69	125.79	PIN/C(s)
973	555324.98	697186.40	117.15	PIN/C(s)
974	555328.29	697548.91	96.63	G.B.(f)
975	555468.38	697809.50	92.45	DISK
976	555640.49	697867.72	72.09	G.B.(s)
977	555411.42	697997.77	85.47	PIN/C(s)
978	555238.37	697940.64	70.49	G.B.(S)
979	555115.28	698015.18	87.78	PIN/C(s)
980	554928.03	698008.18	80.93	PIN/C(s)
981	554828.02	697781.52	67.51	G.B.(S)
982	554608.27	697651.96	76.95	DISK
983	554337.91	697697.91	77.28	MAGNL(s)
984	554073.15	697638.96	76.58	PIN/C(s)
985	554090.37	697850.88	75.15	PIN/C(s)

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
986	553791.19	697828.87	72.71	G.B.(F)
1141	555436.21	696190.95	93.57	I.PIN(f)
10874	553119.80	695375.82	69.28	G.B.(f)
10875	553250.96	695361.95	69.88	G.B.(f)
10941	553209.59	695443.61	67.53	G.B.(f)
52003	553504.76	694675.40	69.61	I.PIN(f)
60500	552811.04	694811.44	81.43	G.B.(F)
60504	553493.08	694795.99	68.28	G.B.(F)
60505	553431.74	694740.48	72.60	G.B.(F)
60511	552626.22	694850.12	75.34	I.PIN(F)
60516	552373.95	695412.38	64.04	I.PIN(F)
60518	551650.24	696899.13	59.14	C.B.(F)
60519	553266.67	696998.63	71.39	I.PIN(F)
60545	550535.42	698962.56	N/A	I.PIN(F)
60549	550646.41	699172.79	N/A	G.B.(F)
60551	550588.82	697583.34	N/A	G.B.(F)
60552	550611.64	697561.55	N/A	G.B.(F)
60557	551335.71	698564.07	N/A	C.B.(F)
60558	551388.23	698534.25	N/A	G.B.(F)
60615	553385.09	694695.50	75.40	I.PIN(F)
60950	550705.00	699289.45	N/A	G.B.(F)
62001	553285.48	694294.18	77.01	I.PIN(F)
65000	552990.73	694384.08	81.27	DISK
65001	554187.89	694605.57	73.26	G.B.(S)
65002	553508.43	695088.74	70.95	G.B.(S)
65003	552503.26	696521.21	65.89	G.B.(s)
65004	552366.69	696350.85	66.78	G.B.(s)
65005	553796.88	697140.89	74.08	DISK
65006	552744.10	697194.90	65.26	DISK
65007	555414.66	697522.06	102.24	G.B.(F)
65008	555217.20	697514.54	90.27	G.B.(F)
65009	555605.36	697779.98	90.97	C.B.(F)
65010	555803.93	697977.42	72.86	D.H.(F)
65011	555708.75	697858.52	73.01	D.H.(F)
65012	555702.94	697888.20	70.08	D.H.(F)
65013	555745.19	697945.39	70.36	D.H.(F)
65014	555440.08	698036.86	89.23	D.H.(F)
65015	555409.32	698071.85	82.18	G.B.(F)
65016	553829.73	698214.01	76.93	G.B.(F)
65017	553712.31	698725.05	66.57	G.B.(F)
65018	552588.82	698672.03	69.10	G.B.(F)
65019	552588.11	698792.15	69.58	G.B.(F)

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
C	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.
D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

LOT # CHART

LOT #	TAX MAP #	ADDRESS
LOT IC–1	4–7–9	229 NEW BOSTON STREET
LOT IC–2	9–2–1	225 NEW BOSTON STREET
LOT IC–3	9–2–3	223 NEW BOSTON STREET R
LOT IC–4	9–2–4	223 NEW BOSTON STREET
LOT IC–5	9–2–5	219 NEW BOSTON STREET
LOT IC–6	9–2–6	217 NEW BOSTON STREET
LOT IC–7	9–2–7	211 NEW BOSTON STREET
LOT IC–8	9–2–8	NEW BOSTON STREET
LOT IC–9	9–7–3	MERRIMAC STREET
LOT IC–10	9–1–5	MERRIMAC STREET
LOT IC–11	9–1–6	204 MERRIMAC STREET
LOT IC–12	9–1–7	225 MERRIMAC STREET
LOT IC–13	9–1–8	216 NEW BOSTON STREET
LOT IC–14	9–7–4	210 NEW BOSTON STREET
LOT IC–15	31–2–2	N/A
LOT IC–16	15–1–11	COMMERCE WAY
LOT IC–17	10–1–8	41 ATLANTIC AVENUE
LOT IC–18	10–1–5	20 ATLANTIC AVENUE
LOT IC–19	10–1–4	10 ATLANTIC AVENUE
LOT IC–20	10–1–3	120 COMMERCE WAY
LOT IC–21	10–1–10	130 COMMERCE WAY
LOT IC–22	10–1–11	COMMERCE WAY
LOT IC–23	10–1–9	ATLANTIC AVENUE
LOT IC–24	10–1–12	COMM. WAY & ATLANTIC AVE
LOT IC–25	10–1–17	COMMERCE WAY LOT 5
LOT IC–26	5–1–1	N/A
LOT IC–27	5–1–3	N/A
LOT IC–28	5–1–1	315 NEW BOSTON STREET
LOT IC–29	4–7–1	NEW BOSTON STREET R
LOT IC–30	10–1–6	30 ATLANTIC AVENUE
LOT IC–31	10–1–7	100 ATLANTIC AVENUE
LOT IC–32	9–2–2	NEW BOSTON STREET
LOT IC–33	5–1–9	236 PRESIDENTIAL WAY
LOT IC–34	5–1–8	225 PRESIDENTIAL WAY
LOT IC–35	5–4–3	PRESIDENTIAL WAY
LOT IC–36	5–4–2	200 PRESIDENTIAL WAY
LOT IC–37	5–4–6	PRESIDENTIAL WAY
LOT IC–38	5–4–4	300 PRESIDENTIAL WAY
LOT IC–39	5–4–5	400 PRESIDENTIAL WAY
LOT IC–40	10–1–16	101 COMMERCE WAY
LOT IC–41	10–1–2	112 COMMERCE WAY
LOT IC–42	10–1–19	103 COMMERCE WAY
LOT IC–43	10–1–20	99 COMMERCE WAY
LOT IC–44	10–1–18	COMMERCE WAY LOT 2
LOT IC–45	5–1–1	COMMERCE WAY LOT 4

LEGEND:

- BOUNDARY LINE
- SURVEY CONTROL LINE
- RIGHT–OF–WAY
- IPLEX SITE LIMIT
- LAND CLASS LINE
- 5–1–1 TAX MAP PARCEL NO.
- 999 SURVEY CONTROL POINT NO.
- DISK SET
- I.PIN/C SET/FOUND TRAV
- D.H. SET/FOUND TRAV
- P.K. SET/FOUND TRAV
- I.PIN SET/FOUND TRAV
- G.B. SET/FOUND TRAV
- LIMIT OF SITE PARCEL

CLASS A LAND
MAY CONTAIN CONTAMINATED GROUNDWATER

CLASS B LAND
MAY CONTAIN CONTAMINATED GROUNDWATER AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B

CLASS C LAND
MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.

CLASS D LAND
MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINANTED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

NOTES:

1. THE OWNERS OF RECORD FOR LOT 9–2–1 ARE (NOW OR FORMERLY) JOHN M. AND GARY R. KOSTER, TRUSTEES OF THE 225–231 NEW BOSTON STREET REALTY TRUST, PO BOX 42 WOBURN, MASSACHUSETTS 01801. DEED REFERENCE TO PARCEL IS TRANSFER CERTIFICATE #216193 BOOK 1211 PAGE 43, DATED AUGUST 12, 1999 AND FILED IN THE LAND REGISTRATION OFFICE OF THE SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

2. ELEVATION RECORDS TABULATED ON THESE DRAWINGS WERE COMPILED FROM FIELD OBSERVATIONS COLLECTED BY ELECTRONIC TOTAL STATION AND DATA COLLECTION TECHNIQUES. ELEVATIONS ARE SHOWN TO ONE HUNDREDTH OF A FOOT FOR SIMPLICITY OF TABULATION AND TO REDUCE COMPOUNDING ROUNDING ERRORS. IT IS THE INTENTION OF THE SURVEY TO REFLECT ELEVATIONS ONLY TO THE PRECISION REQUIRED BY THE PROJECT SPECIFICATIONS. ADDITIONAL PRECISION IS NOT IMPLIED BY THE TABULATION. COVER DEPTHS ARE GIVEN IN DECIMAL INCHES AND CALCULATED BY MULTIPLYING THE ELEVATION DIFFERENCES GIVEN IN DECIMAL FEET BY 12.

3. THE INFORMATION CONTAINED HEREIN IS THE RESULT OF AN ON–SITE FIELD SURVEY PERFORMED BY MERIDIAN LAND SERVICES, INC. DURING THE PERIOD OF SEPTEMBER, 1993 THROUGH JANUARY, 2000.

4. IN GENERAL, PLAN GRAPHICS SUCH AS BUILDINGS, WALKWAYS, CONCRETE PADS, EDGES OF PAVEMENT, CURBING, DRAINAGE FEATURES, ETC. WERE LOCATED FROM A FIELD SURVEY BY THIS OFFICE. ADDITIONAL GRAPHIC REPRESENTATIONS, NOT FIELD LOCATED, SUCH AS NON–GERMANE EDGES OF PAVEMENT, FENCE LINES, WATER COURSES AND ABUTTING DETAIL WERE TAKEN FROM REFERENCE PLANS 1 AND 2. THE LATTER MENTIONED DETAIL WILL BE REFERENCED ON THE PLAN WITHIN THE APPROPRIATE AREAS.

5. THE CONSTRUCTION SURVEY CONTROL NETWORK USED BY MERIDIAN LAND SERVICES, INC. WAS DERIVED ENTIRELY FROM THE EXISTING SITE CONTROL POINTS PROVIDED BY GOLDER ASSOCIATES AND VHB, INC., AS SHOWN ON REFERENCE PLAN 1, SHEET C–2 AND REFERENCE PLAN 2, SHEETS 11–1A THRU 11–1D.

6. THE COORDINATES AND ELEVATIONS OF THE EXISTING SITE CONTROL POINTS ARE BASED ON MASSACHUSETTS GRID COORDINATE SYSTEM/NAD–27 (NORTH AMERICAN DATUM OF 1927) AND NGVD–29 (THE NATIONAL GEODETIC VERTICAL DATUM OF 1929), AS STATED IN THE REFERENCE PLAN 2 NOTE 3 & SUBSEQUENTLY VERIFIED BY THIS OFFICE VIA GPS (GLOBAL POSITIONING) IN 2001.

7. A BOUNDARY "TIE IN" SURVEY WAS PERFORMED BY MERIDIAN LAND SERVICES, INC. PROPERTY LINES SHOWN HEREON WERE COMPILED AND MATHEMATICALLY COMPUTED FROM LAND COURT CASE NUMBER 7312. THESE COMPUTED PLANS WERE "BEST FIT" TO THE PROJECT COORDINATE SYSTEM USING NUMEROUS FIELD LOCATED MONUMENTS. SEE REFERENCE PLAN #3 FOR BOUNDARY LINES PERTAINING TO THIS PARCEL.

8. LAND CLASSIFICATION LINES SHOWN HEREON WERE TAKEN FROM REFERENCE PLAN 2.

9. ADDITIONAL SITE–WIDE INFORMATION CAN BE FOUND IN THE MASTER COVER CERTIFICATION REPORT, INCLUDING, MASTER RECORD DRAWINGS.

DIG SAFE
CALL TOLL FREE 1-888-344-7233
RI-ME-NH-VT-MA
UTILITIES UNDERGROUND PLANT DAMAGE PREVENTION SYSTEM

CERTIFICATION:

THE UNDERSIGNED, A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS, HEREBY CERTIFIES THAT THE INFORMATION ON THESE RECORD PLANS CONTAINED HEREIN IS THE RESULT OF SURVEY WORK PERFORMED IN CONFORMANCE WITH THE CODE OF MASSACHUSETTS REGULATIONS 250, SECTION 6.03.

FINAL

PROFESSIONAL LAND SURVEYOR DATE

GRAPHIC SCALE
200' 100' 0 200' 400' 600'

REV.	DATE	DESCRIPTION	DR	CK
I	6/11/08	FINAL SUBMISSION TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08 TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07 JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06 JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04 KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03 JF	MDP	JGK
C	10/16/03	DEP REVISIONS JF	MDP	JGK
B	8/12/01	EPA REVISIONS JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW	MDP	JGK

PROFESSIONAL LAND SURVEYOR

FINAL

PROFESSIONAL ENGINEER

PREPARED FOR:
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:
MERIDIAN Land Services, Inc.
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY:
Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603–668–0880 • FAX 603–668–1199

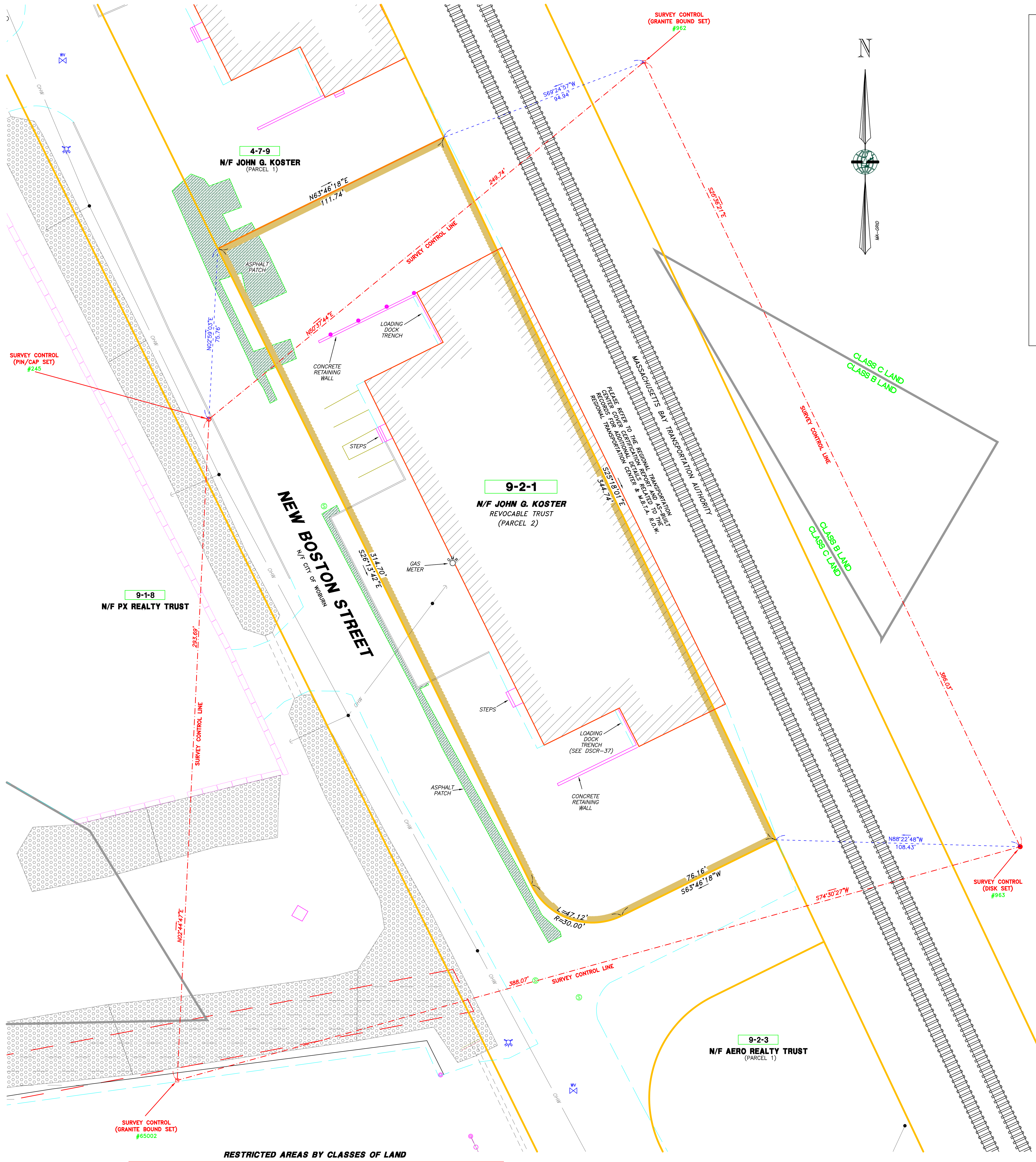
PROJECT RECORD (TAX MAP LOT 9-2-1)
N/F KOSTER REV. TRUST (PARCEL 2)
INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 200'   AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900152I1.dwg
DO NOT SCALE DRAWING

SHEET NO. A-16
PROJECT: 2900.00
SHEET 1 OF 5

Jun 11, 2008 – 5:05pm MDP Land Desktop 2004 – LDT4
H:\mls\02900–0–AB\2900.15\AS–BUILTS\0–PARCEL–2\



LEGEND

Symbol	Description
(33)	ASBUILT COVER TYPE
	TEST PIT
MW	MONITOR WELL
	HYDRANT
WV	GATE VALVE
	CATCH BASIN (SQUARE)
	CATCH BASIN (ROUND)
D	DRAIN MANHOLE
S	SEWER MANHOLE
	UTILITY POLE
	GUY WIRE
+	ASBUILT POINT NO. & LOCATION
GMR	GAS METER
GSO	GAS SHUT OFF
WSO	WATER SHUT OFF
	WATER CONTROL BOX
	SIGN
	BOLLARD
T	TELEPHONE MANHOLE
B	BORING LOCATION
	MICRO WELL LOCATION
P	PIEZOMETER LOCATION
SS	SOIL SAMPLE LOCATION
G	STAFF GUAGE LOCATION
T	TENSIOMETER LOCATION
	UID LOCATION
W	MONITORING WELL LOCATION
	BOUNDARY LINE
	RIGHT-OF-WAY
	ABUTTING PROPERTY LINES
	ASPHALT, CONCRETE, GRANITE CURB
	TRANSITION ZONE
	LAND CLASS LINE
N 551,000	GRID LINE
	EDGE OF EXISTING PAVEMENT
	LIMIT OF GEOTEXTILE
	A.T.&T. FIBER OPTIC CABLE
	TOE OF SLOPE
	TOP OF SLOPE
	LIMIT CHAIN LINK FENCE
	EDGE OF ASBUILT GRAVEL ROAD
	BACK EDGE OF PLANTER
	EDGE OF PROPOSED PAVEMENT
	EXISTING EASEMENT
	ASBUILT CULVERT
	LIMIT OF TREELINE
	EXISTING CONCRETE STRUCTURE
99999	POINT MARKER (SEE POINTS CHART)
	TIE COURSE
	SURVEY CONTROL LINE
	SURVEY CONTROL MONUMENT (GRANITE BOUND SET)
	SURVEY CONTROL MONUMENT (DISK SET)
	SURVEY CONTROL MONUMENT (PIN/CAP SET)
	LIMITS OF EXISTING EASEMENTS
	EDGE OF EXISTING BUILDINGS
	AREA OF LEDGE
	HIDE PILES BASED ON CONSENT DECREE
	LIMITS OF RIPRAP = 6" STONE
	AREA OF ENGINEERED COVER (COMPLIES WITH 100% DESIGN PLANS UNLESS OTHERWISE STATED)
	ASBUILT FINISH GRADE CONTOUR 5' INTERVAL
	ASBUILT FINISH GRADE CONTOUR 1' INTERVAL
OHW	OVERHEAD WIRES
UGG	UNDERGROUND GAS LINE

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
8	555829.94	696197.41	88.93	PIN/C(s)
9	554787.93	695334.79	93.29	MAGNL(s)
117	554935.71	696605.05	119.44	I.PIN(f)
118	554997.69	696744.31	124.49	I.PIN(f)
119	554977.42	696743.93	125.72	I.PIN(f)
120	556005.46	696613.05	95.27	C.B.(f)
128	555312.88	696740.29	115.51	I.PIN(f)
129	555279.16	696890.59	117.47	I.PIN(f)
130	555370.20	696889.50	118.61	C.B.(f)
132	554847.71	694915.95	78.43	I.PIN(f)
133	555058.90	695126.18	96.01	P.K.(f)
134	555102.46	695256.34	96.55	I.PIN(f)
135	555142.01	695222.63	90.28	P.K.(f)
157	555902.41	696284.78	90.59	C.B.(f)
216	553575.07	697396.19	72.34	DISK
218	554038.23	696400.64	91.30	I.PIN(s)
219	554833.75	696498.97	113.51	DISK
220	554921.67	695784.06	73.06	D.H.(f)
221	554863.96	695486.38	98.35	P.K.(f)
245	553801.79	695102.81	70.74	PIN/C(s)
301	552991.99	695650.71	67.70	G.B.(f)
302	552983.08	695726.35	68.00	G.B.(f)
303	552824.40	695720.82	66.92	G.B.(f)
751	550314.48	698866.23	58.42	G.B.(f)
752	550363.63	698811.51	57.52	G.B.(f)
754	550089.43	697819.49	53.51	G.B.(f)
755	550155.77	697925.27	54.70	G.B.(f)
756	550192.19	698080.56	56.08	PIN/C(f)
828	552989.66	695204.98	72.68	RRSPK(S)
831	555171.27	696067.95	92.16	PIN/C(s)
832	555602.29	695870.66	86.06	P.K.(s)
833	555464.48	695350.57	78.24	PIN/C(s)
834	555080.77	695290.39	96.82	PIN/C(s)
850	553166.01	695458.74	66.79	P.K.(f)
857	554268.42	694914.00	73.19	PIN/C(S)
858	553407.27	694721.18	73.66	P.K.(S)
871	553005.63	694989.59	75.27	P.K.(s)
872	553190.49	694871.47	74.38	P.K.(s)
873	553293.14	694886.21	73.74	PIN/C(s)
874	553152.45	695225.83	72.96	P.K.(s)
887	553569.05	697762.19	74.67	G.B.(s)
888	553762.69	698088.18	75.46	G.B.(F)
889	553895.58	698391.10	74.41	PIN/C(s)
890	553542.21	698649.64	72.97	G.B.(S)
891	552879.28	699142.48	69.34	PIN/C(s)
892	552674.56	699013.57	68.58	G.B.(S)
893	552536.04	698702.70	69.67	G.B.(S)
894	553002.10	698412.19	69.40	MAGNL(s)
895	552730.89	697787.70	67.50	MAGNL(s)
919	554648.09	696120.30	106.02	PIN/C(s)
920	553826.01	695995.76	79.40	PIN/C(s)
921	553411.21	696193.36	78.92	PIN/C(s)
922	552932.88	696420.08	71.72	DISK
923	553120.20	696816.46	72.78	DISK
924	553462.61	697331.77	68.39	DISK
925	553842.55	697009.22	94.88	PIN/C(s)
926	554203.87	697060.28	79.00	DISK
927	553812.75	696737.39	107.69	PIN/C(s)
928	552561.74	696815.28	88.15	PIN/C(s)
929	552790.55	697119.09	71.75	PIN/C(s)
930	553018.55	697429.53	68.02	DISK
931	554521.49	694626.27	87.39	D.H.(f)
932	554421.26	694348.31	101.39	G.B.(f)
933	554251.87	694364.55	90.95	PIN/C(s)
934	553498.56	694623.81	69.94	PIN/C(s)
935	553378.01	694317.96	72.10	PIN/C(s)
936	553290.51	694245.09	81.03	PIN/C(s)
937	553114.85	694221.58	97.94	PIN/C(s)
938	552836.93	694953.72	80.60	DISK
944	550614.66	697637.80	N/A	G.B.(F)
945	554503.77	694825.96	74.68	P.K.(f)
947	552692.72	695376.15	65.92	DISK
948	552343.09	695555.77	63.57	G.B.(s)
949	552438.47	696030.92	71.73	DISK
950	552035.73	696313.53	68.40	G.B.(s)
951	551631.65	697151.14	65.87	DISK
952	551433.89	697800.32	73.68	DISK
953	551087.91	698466.50	63.64	DISK
954	550919.29	698709.73	60.45	DISK
955	551532.44	698410.23	63.71	DISK
956	551861.31	698260.16	65.21	DISK
957	552364.26	698003.18	67.73	G.B.(F)
960	554579.37	695677.56	96.32	G.B.(s)
961	554434.15	695071.84	85.91	G.B.(s)
962	553960.20	695295.87	79.76	G.B.(s)
963	553612.09	695462.70	78.81	DISK
964	553810.04	696003.71	79.67	G.B.(s)
965	553424.46	696186.34	79.67	G.B.(s)
966	553373.67	695576.30	77.68	DISK
967	553108.66	695695.24	76.92	DISK
968	552790.10	695786.11	73.69	DISK
971	554878.15	696698.61	129.11	PIN/C(s)
972	555073.02	696822.69	125.79	PIN/C(s)
973	555324.98	697186.40	117.15	PIN/C(s)
974	555328.29	697548.91	96.63	G.B.(f)
975	555468.38	697809.50	92.45	DISK
976	555640.49	697867.72	72.09	G.B.(s)
977	555411.42	697997.77	85.47	PIN/C(s)
978	555238.37	697940.64	70.49	G.B.(S)
979	555115.28	698015.18	87.78	PIN/C(s)
980	554928.03	698008.18	80.93	PIN/C(s)
981	554828.02	697781.52	67.51	G.B.(S)
982	554608.27	697651.96	76.95	DISK
983	554337.91	697697.91	77.28	MAGNL(s)
984	554073.15	697638.96	76.58	PIN/C(s)
985	554090.37	697850.88	75.15	PIN/C(s)

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
986	553791.19	697828.87	72.71	G.B.(F)
1141	555436.21	696190.95	93.57	I.PIN(f)
10874	553119.80	695375.82	69.28	G.B.(f)
10875	553250.96	695361.95	69.88	G.B.(f)
10941	553209.59	695443.61	67.53	G.B.(f)
52003	553504.76	694675.40	69.61	I.PIN(f)
60500	552811.04	694811.44	81.43	G.B.(F)
60504	553493.08	694795.99	68.28	G.B.(F)
60505	553431.74	694740.48	72.60	G.B.(F)
60511	552626.22	694850.12	75.34	I.PIN(F)
60516	552373.95	695412.38	64.04	I.PIN(F)
60518	551650.24	696899.13	59.14	C.B.(F)
60519	553266.67	696998.63	71.39	I.PIN(F)
60545	550535.42	698962.56	N./A	I.PIN(F)
60549	550646.41	699172.79	N/A	G.B.(F)
60551	550588.82	697583.34	N/A	G.B.(F)
60552	550611.64	697561.55	N/A	G.B.(F)
60557	551335.71	698564.07	N/A	C.B.(F)
60558	551388.23	698534.25	N/A	G.B.(F)
60615	553385.09	694695.50	75.40	I.PIN(F)
60950	550705.00	699289.45	N/A	G.B.(F)
62001	553285.48	694294.18	77.01	I.PIN(F)
65000	552990.73	694384.08	81.27	DISK
65001	554187.89	694605.57	73.26	G.B.(S)
65002	553508.43	695088.74	70.95	G.B.(S)
65003	552503.26	696521.21	65.89	G.B.(s)
65004	552366.69	696350.85	66.78	G.B.(s)
65005	553796.88	697140.89	74.08	DISK
65006	552744.10	697194.90	65.26	DISK
65007	555414.66	697522.06	102.24	G.B.(F)
65008	555217.20	697514.54	90.27	G.B.(F)
65009	555605.36	697779.98	90.97	C.B.(F)
65010	555803.93	697977.42	72.86	D.H.(F)
65011	555708.75	697858.52	73.01	D.H.(F)
65012	555702.94	697888.20	70.08	D.H.(F)
65013	555745.19	697945.39	70.36	D.H.(F)
65014	555440.08	698036.86	89.23	D.H.(F)
65015	555409.32	698071.85	82.18	G.B.(F)
65016	553829.73	698214.01	76.93	G.B.(F)
65017	553712.31	698725.05	66.57	G.B.(F)
65018	552588.82	698672.03	69.10	G.B.(F)
65019	552588.11	698792.15	69.58	G.B.(F)

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
C	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER.
D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

GRAPHIC SCALE
20' 10' 0 20' 40' 60'

REV.	DATE	DESCRIPTION		DR	CK
I	6/11/08	FINAL SUBMISSION	TC	DBH	MDP
H	2/8/08	EPA COMMENTS OF 1/22/08	TC	DBH	MDP
G	9/28/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP	JGK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP	JGK
C	10/16/03	DEP REVISIONS	JF	MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR:

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:

MERIDIAN Land Services, Inc.
ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY:

Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 9-2-1)

BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS AND ASBUILT DRAINAGE

INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

SCALE: 1" = 20'

AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 290015212.dwg
DO NOT SCALE DRAWING

A-17
SHEET NO.
PROJECT: 2900.00
SHEET 2 OF 5

Jun 11, 2008 – 5:18pm MDP Land Desktop 2004 – LDT4
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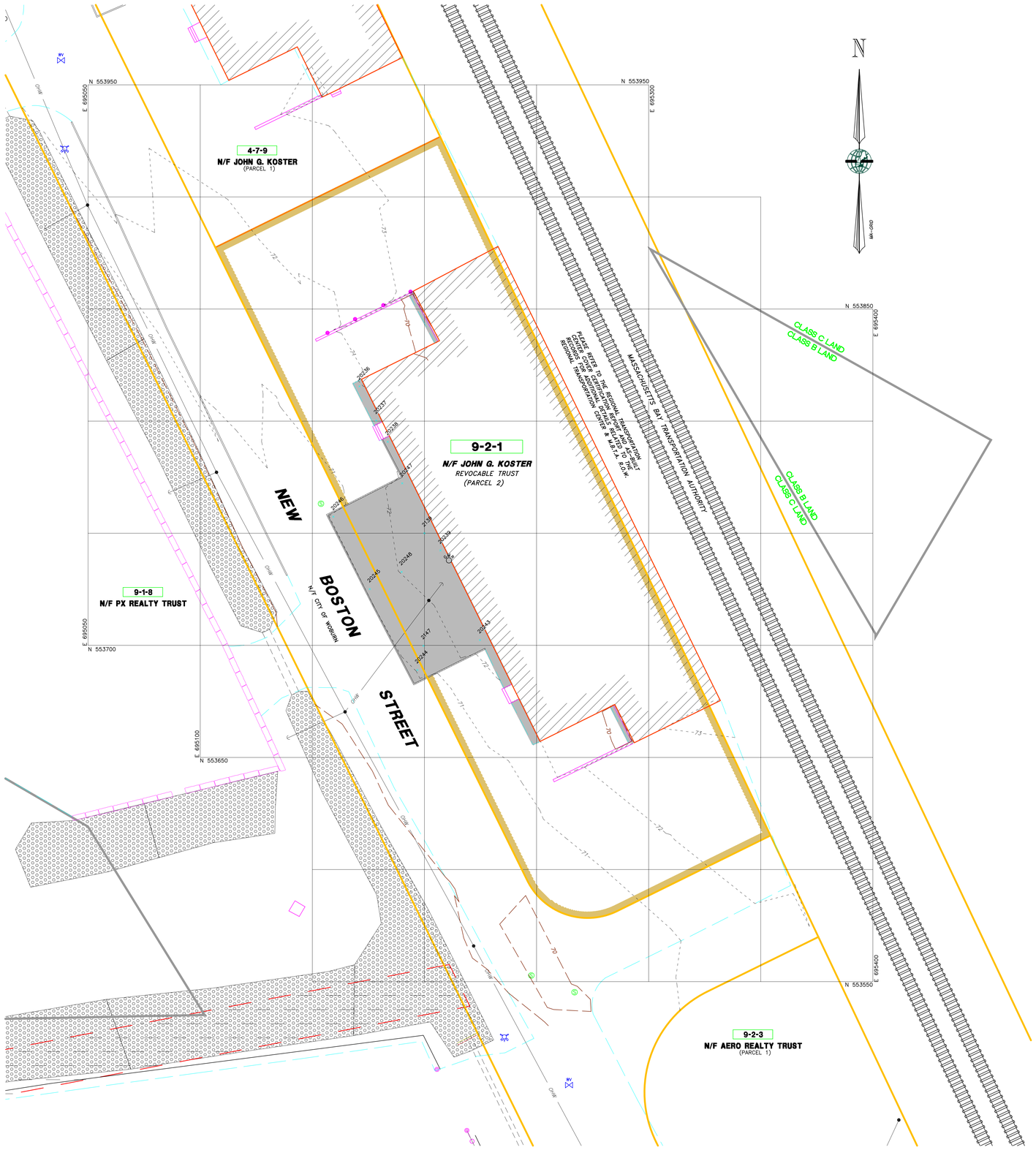

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	(Subgrade) Geotextile Elev. Feet	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
2139	553750.5	695200.5	70.60	72.02	17.04	72.36	4±	21.12	GRID
2147	553699.7	695199.7	70.10	71.44	16.08	71.78	4±	20.16	GRID
20236	553815.5	695171.5	69.87	71.11	14.88	71.45	4±	18.96	R
20237	553800.5	695179.1	70.37	71.64	15.24	71.98	4±	19.32	R
20238	553791.0	695183.7	70.56	71.66	13.20	72.00	4±	17.28	R
20239	553742.7	695207.5	70.58	71.95	16.44	72.29	4±	20.52	R
20243	553702.2	695224.9	70.52	72.20	20.16	72.54	4±	24.24	R
20244	553688.8	695197.0	69.38	70.99	19.32	71.33	4±	23.40	R
20245	553725.4	695175.8	69.57	71.01	17.28	71.35	4±	21.36	R
20246	553756.9	695159.9	69.14	70.93	21.48	71.27	4±	25.56	R
20247	553772.3	695190.3	70.66	72.07	16.92	72.41	4±	21.00	R
20248	553733.3	695189.6	70.38	71.73	16.20	72.07	4±	20.28	R

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
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D	MAY CONTAIN CONTAMINATED GROUNDWATER, AND CONTAINS CONTAMINATED SOIL AND COVER. CLASS D ALSO CONTAINS FOUR ANIMAL HIDE PILES.

POINT DESCRIPTORS

A	AERO	HYD	HYDRANT
BEOP	BACK EDGE OF PLANTER	K	KOSTER
BLDG	BUILDING	LIM	LIMIT
BNDY	BOUNDARY	MW	MONITOR WELL
BR	BREAK IN SLOPE	P	PEBCO (NOW WJP REALTY TRUST)
C##	CONTOUR INTERVAL	PLNTR	PLANTER
CG	COVER GRADE	PC	POINT OF CURVATURE
CHNL	CHANNEL	POC	POINT ON CURVE
CL	CENTERLINE	PT	POINT OF TANGENCY
CLF	CHAIN LINK FENCE	PX	PX REALTY
CONT	CONTOURS	R	RANDOM
COR	CORNER	RD	ROAD
CUL	CULVERT	REM	REMEDIATION
CURBg	ASPHALT CURB	RPRP	RIPRAP
CURBg	GRANITE CURB	SG	SUBGRADE
D	DAGATA	SL	SLOPE
DTCH	DITCH	SWL	SWALE
E	EDGE OF	TOB	TOP OF BANK
E.C.	EDGE OF CONCRETE	TOE	TOE OF SLOPE
E.P.	EDGE OF PAVEMENT	TOP	TOP OF SLOPE
EX	EXCAVATION	TRAN	TRANSITION ZONE
EZ	EXCLUSION ZONE	UC	UTILITY CORRIDOR
FAB	FABRIC	UCN	NORTH UTILITY CORRIDOR
FG	FINISH GRADE	UP	UTILITY POLE
G	GENERAL POINT	WG	WATERGATE
GUY	GUY WIRE	RRBD	RAILROAD BED

LEGEND

- BOUNDARY LINE
- RIGHT-OF-WAY
- ABUTTING PROPERTY LINES
- ASPHALT, CONCRETE, GRANITE CURB
- TRANSITION ZONE
- LAND CLASS LINE
- N 551,000 GRID LINE
- EDGE OF EXISTING PAVEMENT
- LIMIT OF GEOTEXTILE
- A.T.&T. FIBER OPTIC CABLE
- TOE OF SLOPE
- TOP OF SLOPE
- LIMIT CHAIN LINK FENCE
- EDGE OF ASBUILT GRAVEL ROAD
- BACK EDGE OF PLANTER
- EDGE OF PROPOSED PAVEMENT
- EXISTING EASEMENT
- ASBUILT CULVERT
- LIMIT OF TREELINE
- EXISTING CONCRETE STRUCTURE
- ASBUILT FINISH GRADE CONTOUR 5' INTERVAL
- ASBUILT FINISH GRADE CONTOUR 1' INTERVAL
- OHW OVERHEAD WIRES
- UGG UNDERGROUND GAS LINE
- LIMITS OF EXISTING EASEMENTS
- EDGE OF EXISTING BUILDINGS
- AREA OF LEDGE
- HIDE PILES BASED ON CONSENT DECREE
- 3.3 ASBUILT COVER TYPE
- TEST PIT
- MW MONITOR WELL
- HYDRANT
- GATE VALVE
- CATCH BASIN (SQUARE)
- CATCH BASIN (ROUND)
- DRAIN MANHOLE
- SEWER MANHOLE
- UTILITY POLE
- GUY WIRE
- 14000 ASBUILT POINT NO. & LOCATION
- GAS METER
- GAS SHUT OFF
- WATER SHUT OFF
- WATER CONTROL BOX
- SIGN
- BOLLARD
- TELEPHONE MANHOLE
- BORING LOCATION
- MICRO WELL LOCATION
- PIEZOMETER LOCATION
- SS SOIL SAMPLE LOCATION
- STAFF GUAGE LOCATION
- TENSIOMETER LOCATION
- UID LOCATION
- MONITORING WELL LOCATION
- LIMITS OF RIPRAP = 6" STONE
- AREA OF ENGINEERED COVER (COMPLIES WITH 100% DESIGN PLANS UNLESS OTHERWISE STATED)

GRAPHIC SCALE

20' 10' 0 20' 40' 60'

REV.	DATE	DESCRIPTION	DR	CK
I	6/11/08	FINAL SUBMISSION	TC DBH	MDP MDP
G	9/28/06	EPA & DEP COMMENTS OF 8/29/07	TC DBH	MDP MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF CAC	MDP MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL MDP	JCK JCK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF MDP	JCK JCK
C	10/16/03	DEP REVISIONS	JF MDP	JCK JCK
B	8/11/03	EPA REVISIONS	JF MDP	JCK JCK
A	8/8/00	ISSUE FOR REVIEW	MDP	JCK CK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services, Inc. ENGINEERS • LAND SURVEYORS • GEOSYNTHETS • LAND PLANNERS

DESIGNED BY: Golder Associates, 400 Commercial Street, Manchester, New Hampshire, USA 03101, 603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 9-2-1)

RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER

INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

SCALE: 1" = 20'

AUGUST 8, 2000

DESIGNED BY: MDP	A-18
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JCK	
FILE: 290015203.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 3 OF 5

Jun 11, 2008 – 5:36pm MDP Land Desktop 2004 – LDT4
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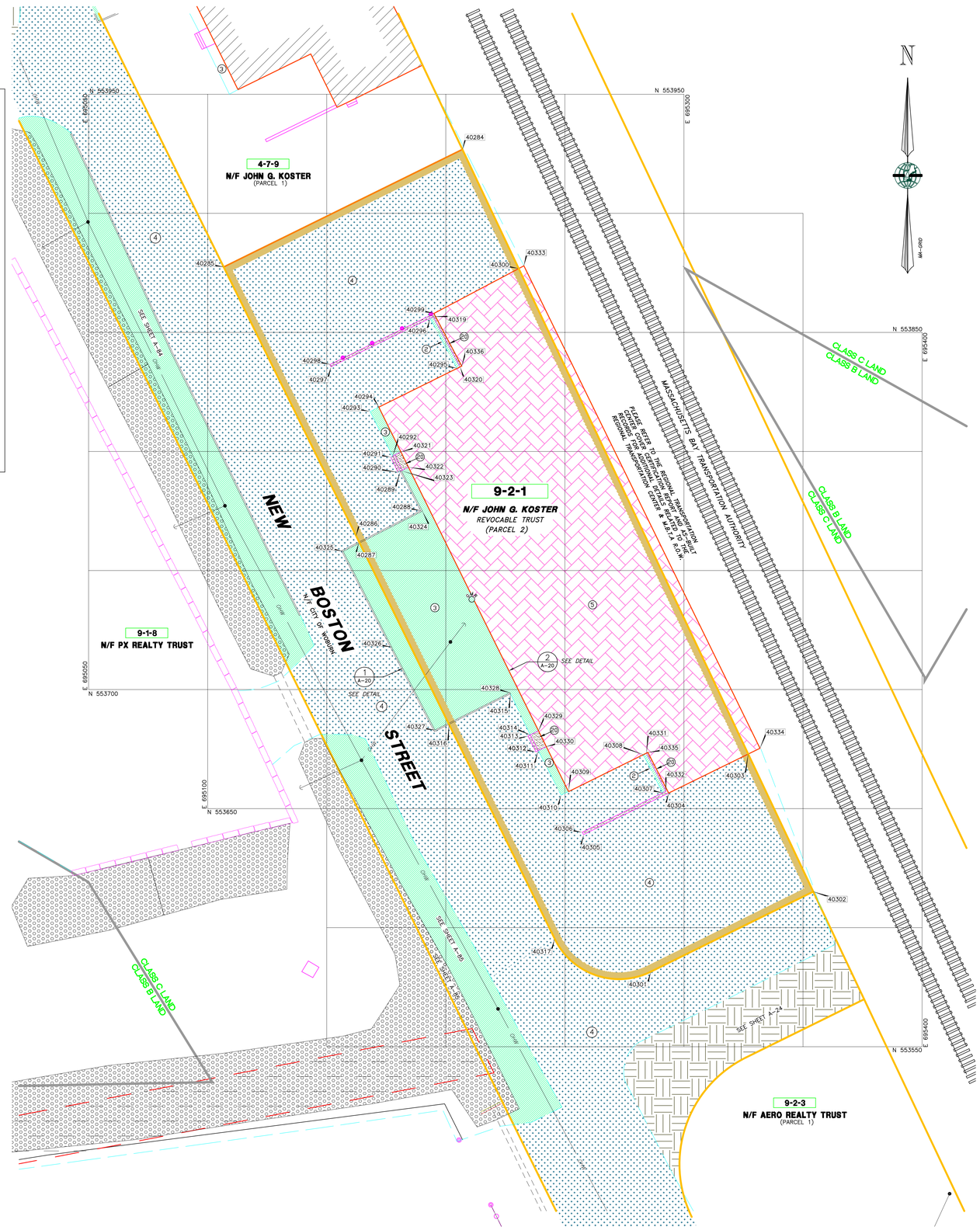
LEGEND

BOUNDARY LINE	ASBUILT COVER TYPE
RIGHT-OF-WAY	TEST PIT
ABUTTING PROPERTY LINES	MONITOR WELL
ASPHALT, CONCRETE, GRANITE CURB	HYDRANT
TRANSITION ZONE	GATE VALVE
LAND CLASS LINE	CATCH BASIN (SQUARE)
N 551,000 GRID LINE	CATCH BASIN (ROUND)
EDGE OF EXISTING PAVEMENT	DRAIN MANHOLE
LIMIT OF GEOTEXTILE	SEWER MANHOLE
A.T.&T. FIBER OPTIC CABLE	UTILITY POLE
TOE OF SLOPE	GUY WIRE
TOP OF SLOPE	+14000 ASBUILT POINT NO. & LOCATION
LIMIT CHAIN LINK FENCE	GAS METER
EDGE OF ASBUILT GRAVEL ROAD	GAS SHUT OFF
BACK EDGE OF PLANTER	WATER SHUT OFF
EDGE OF PROPOSED PAVEMENT	WATER CONTROL BOX
EXISTING EASEMENT	SIGN
ASBUILT CULVERT	BOLLARD
LIMIT OF TREE LINE	TELEPHONE MANHOLE
EXISTING CONCRETE STRUCTURE	99999 POINT MARKER (SEE POINTS CHART)
ASBUILT FINISH GRADE CONTOUR 5' INTERVAL	BORING LOCATION
ASBUILT FINISH GRADE CONTOUR 1' INTERVAL	MICRO WELL LOCATION
OHW OVERHEAD WIRES	PIEZOMETER LOCATION
UGG UNDERGROUND GAS LINE	SOIL SAMPLE LOCATION
LIMITS OF EXISTING EASEMENTS	STAFF GUAGE LOCATION
EDGE OF EXISTING BUILDINGS	TENSIOMETER LOCATION
AREA OF LEDGE AT SUBGRADE	UID LOCATION
	MONITORING WELL LOCATION

X — DETAIL/CROSS SECTION DESIGNATION
A-XX — SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED



COVER TYPES (ENGINEERED)

AREA	ORIGINAL CONDITION	COVER TYPE
1	VARIES	ABOVE GRADE ENGINEERED PERMEABLE COVER
2	VARIES	AT GRADE ENGINEERED PERMEABLE COVER
3	PLANTER WITH GRASS SHRUBS, SMALL TREES	AT GRADE ENGINEERED PERMEABLE COVER
6	DRAINAGE SWALE	ENGINEERED COVER GRAVEL/COBBLE LINED
7	DRAINAGE SWALE	CONCRETE CULVERT (BENEATH EAST-CENTRAL HIDE PILE REMEDIATED SLOPE)
9	WETLANDS	ABOVE GRADE ENGINEERED PERMEABLE COVER (WETLANDS REMEDIATION)
10	WETLANDS	DREDGE SEDIMENT, PLACE PERMEABLE COVER (WETLANDS REMEDIATION)
11	EAST HIDE PILE	IMPERMEABLE COVER ENGINEERED (EAST HIDE PILE REMEDIATION)
12	VARIES	ABOVE GRADE ENGINEERED PERMEABLE COVER (EXTENT OF SOUTH HIDE PILE REMEDIATION)
13	SOUTH HIDE PILE	ABOVE GRADE ENGINEERED PERMEABLE COVER
14	EAST CENTRAL HIDE PILE	ABOVE GRADE ENGINEERED PERMEABLE COVER
15	DEPRESSION VEGETATION VARIES	AT GRADE ENGINEERED PERMEABLE COVER
16	RAILROAD LINES	ENGINEERED RAILROAD COVER
17	VARIES	PLACE TRENCH DRAIN
18	VARIES	GRAVEL ACCESS ROAD
19	CHROMIUM LAGOONS	FILL, ABOVE GRADE ENGINEERED PERMEABLE COVER

AREA	ORIGINAL CONDITION	COVER TYPE
20	CONCRETE FOUNDATION	CLEAR, CLEAN & PATCH
22	PAVED	REGRADE, ABOVE GRADE ENGINEERED ASPHALT
23	VARIES	PLACE CULVERT
24	CULVERT	EXTEND CULVERT
25	VARIES	SEE NOTE 4 <SHEET 11-3D> <DN REFERENCE PLAN 2>
26	VARIES	ABOVE GRADE ENGINEERED ASPHALT COVER
27	VARIES	EXCAVATE, STORMWATER STORAGE, PLACE 16" FILL ENGINEERED COVER
28	DRAINAGE CHANNEL	DREDGE 16" SEDIMENT, PLACE GRAVEL/COBBLE LINING ENGINEERED COVER
29	EXISTING MDC SEWER SERVICE	RAISE MANHOLES
31	DRAINAGE SWALE	DREDGE 16", PLACE GRAVEL/COBBLE (GROUNDWATER RECHARGE BASIN)
32	VARIES	AT GRADE ENGINEERED COVER (GRAVEL SURFACE)
33	VARIES	ABOVE GRADE ENGINEERED COVER (GRAVEL SURFACE)
34	VARIES	GROUNDWATER TREATMENT PLANT
35	VEGETATION VARIES	AT GRADE ENGINEERED ASPHALT COVER
36	WEST HIDE PILE	ABOVE GRADE ENGINEERED PERMEABLE COVER
37	VARIES	GRAVEL/COBBLE LINED CREATED WETLAND STREAM

② & ③ AT GRADE ENGINEERED PERMEABLE COVER

COVER TYPES (EQUIVALENT)

AREA	ORIGINAL CONDITION	EQUIVALENT COVER TYPE
4	PAVED	EQUIVALENT COVER
5	BUILDING	EQUIVALENT COVER
8	BEDROCK DRAINAGE SWALE	BLAST/EXCAVATE CHANNEL EQUIVALENT COVER
21	BEDROCK OUTCROP	GRUB & CLEAN EQUIVALENT COVER
30	STACK	EQUIVALENT COVER

④ PAVED EQUIVALENT COVER
⑤ BUILDING EQUIVALENT COVER
⑳ CONCRETE EQUIVALENT COVER

COVER TYPE POINT CHART

NUMBER	NORTHING*	EASTING*
40284	553926.8	695207.0
40285	553877.4	695106.8
40286	553764.6	695162.4
40287	553762.0	695163.6
40288	553775.2	695189.5
40289	553791.7	695180.9
40290	553791.2	695180.0
40291	553797.7	695176.9
40292	553798.1	695177.7
40293	553816.8	695168.2
40294	553818.6	695171.9
40295	553834.9	695204.7
40296	553856.0	695193.4
40297	553835.6	695151.8
40298	553836.5	695151.4
40299	553857.9	695195.1
40300	553876.8	695230.6
40301	553581.5	695286.0
40302	553615.2	695354.3
40303	553672.9	695327.0
40304	553656.5	695293.6
40305	553639.1	695257.8
40306	553640.1	695257.4
40307	553656.6	695291.1
40308	553672.7	695282.9
40309	553657.1	695251.5
40310	553655.7	695248.4
40311	553674.4	695238.8
40312	553673.9	695237.8
40313	553680.5	695234.5
40314	553681.0	695235.5
40315	553698.2	695227.2
40316	553685.4	695201.4
40317	553595.1	695245.8
40319	553856.6	695194.7
40320	553835.5	695206.0
40321	553799.8	695181.2
40322	553793.4	695184.3
40323	553791.9	695181.3
40324	553774.9	695190.2
40325	553758.1	695156.9
40326	553737.9	695177.3
40327	553683.0	695195.4
40328	553698.7	695227.0
40329	553682.7	695239.0
40330	553676.0	695242.2
40331	553673.3	695284.3
40332	553657.3	695292.4
40333	553877.9	695232.8
40334	553675.3	695331.9
40335	553673.6	695284.9
40336	553835.9	695206.7

* HORIZONTAL POSITION REPRESENTED BY DATA LISTED ABOVE WAS DEVELOPED FROM VARIOUS SOURCES. (SEE NOTES 3 & 4 ON SHEET 1)

RESTRICTED AREAS BY CLASSES OF LAND

CLASS OF LAND	DESCRIPTION
A	MAY CONTAIN CONTAMINATED GROUNDWATER
B	MAY CONTAIN CONTAMINATED GROUNDWATER, AND MAY CONTAIN CONTAMINATED SOILS. NO COVER WAS REQUIRED WITHIN CLASS B.
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GRAPHIC SCALE
20' 10' 0 20' 40' 60'

REV.	DATE	DESCRIPTION	DR	CK
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H	4/28/08	EPA COMMENTS OF 1/7/08	TC DBH	MDP
G	9/26/07	EPA & DEP COMMENTS OF 8/29/07	JF CAC	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF CAC	MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL MDP	JCK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF MDP	JCK
C	10/16/03	DEP REVISIONS	JF MDP	JCK
B	8/11/03	EPA REVISIONS	JF MDP	JCK
A	8/8/00	ISSUE FOR REVIEW	MDP	JCK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. Environmental Consulting & Management

PREPARED BY: MERIDIAN Land Services, Inc. 1 MERRIMACK STREET, SUITE 2, LOWELL, MA 01852 TEL. 978-970-0000 FAX 978-970-0001 NEW ENGLAND ENGINEERS • LAND SURVEYORS • GEOSYSTEMS • LAND PLANNERS

DESIGNED BY: Golder Associates, Manchester, New Hampshire, 400 Commercial Street, Manchester, N.H. USA 03101, 603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 9-2-1)

COVER TYPES AND TRANSITIONS

INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = 20'

DESIGNED BY: MDP	
DRAFTED BY: MDP	A-19
CHECKED BY: JCK	SHEET NO.
FILE: 290015214.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 4 OF 5

Jun 11, 2008 – 5:46pm MDP Land Desktop 2004 – LD14
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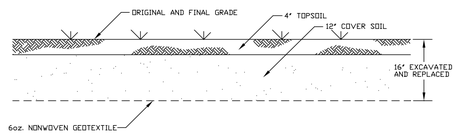
COVER TYPES

2 & 3

AT GRADE ENGINEERED PERMEABLE COVER

NOT TO SCALE



LEGEND

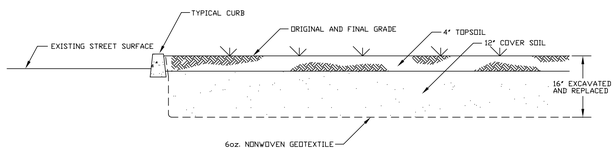
X / A-20 — DETAIL/CROSS SECTION DESIGNATION
SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED

NOTES

1.) FOR SLOPES FLATTER THAN 25% A 16oz. NONWOVEN GEOTEXTILE WAS INSTALLED ON HIDE PILES AND A 6oz. NONWOVEN GEOTEXTILE WAS INSTALLED ELSEWHERE.

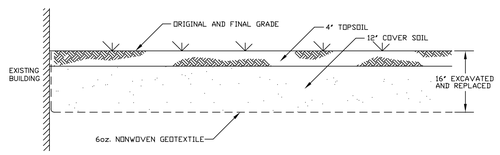
2.) SEE SPECIFICATIONS FOR DETAILS AND MATERIALS USED.

3.) PLEASE REFER TO THE REGIONAL TRANSPORTATION CENTER COVER CERTIFICATION REPORT AND AS-BUILT RECORDS FOR ADDITIONAL DETAILS RELATED TO THE REGIONAL TRANSPORTATION CENTER.



1 / A-20 **TYPICAL AT GRADE ENGINEERED COVER AT CURB TIE IN**

NOT TO SCALE



2 / A-20 **TYPICAL AT GRADE ENGINEERED COVER AT BUILDING TIE IN**

NOT TO SCALE

REV.	DATE	DESCRIPTION	DR	CK
I	6/11/08	FINAL SUBMISSION	TC	DBH MDP
H	2/28/08	EPA COMMENTS OF 1/22/08	TC	DBH MDP
G	9/29/07	EPA & DEP COMMENTS OF 8/29/07	JF	CAC MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	JF	CAC MDP
E	9/21/05	EPA & DEP COMMENTS OF 7/12/04	KL	MDP JCK
D	6/11/04	EPA & DEP COMMENTS OF 10/30/03	JF	MDP JCK
C	10/16/03	DEP REVISIONS	JF	MDP JCK
B	8/11/03	EPA REVISIONS	JF	MDP JCK
A	8/8/00	ISSUE FOR REVIEW		MDP JCK

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

PREPARED FOR: ROUX ASSOCIATES, INC. *Environmental Consulting & Management*

PREPARED BY: MERIDIAN Land Services, Inc. 1 MERRIMACK STREET, SUITE 1 LOWELL, MASSACHUSETTS 01852 (978) 970-7000 FAX: (978) 970-7001 WWW.MERIDIANLS.COM ENGINEERS • LAND SURVEYORS • SCIENTISTS • LAND PLANNERS

DESIGNED BY: Golder Associates, Manchester, New Hampshire, 400 Commercial Street, Manchester, N.H. USA 03101, 603-668-0880 • FAX 603-668-1199

PROJECT RECORD (TAX MAP LOT 9-2-1)

DETAILS & TRANSITIONS

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = NONE

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JCK
FILE: 290015215.dwg
DO NOT SCALE DRAWING

A-20
SHEET NO.

PROJECT: 2900.00
SHEET 5 OF 5

Jun 11, 2008 - 5:55pm MDP Land Desktop 2004 - LD74
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