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

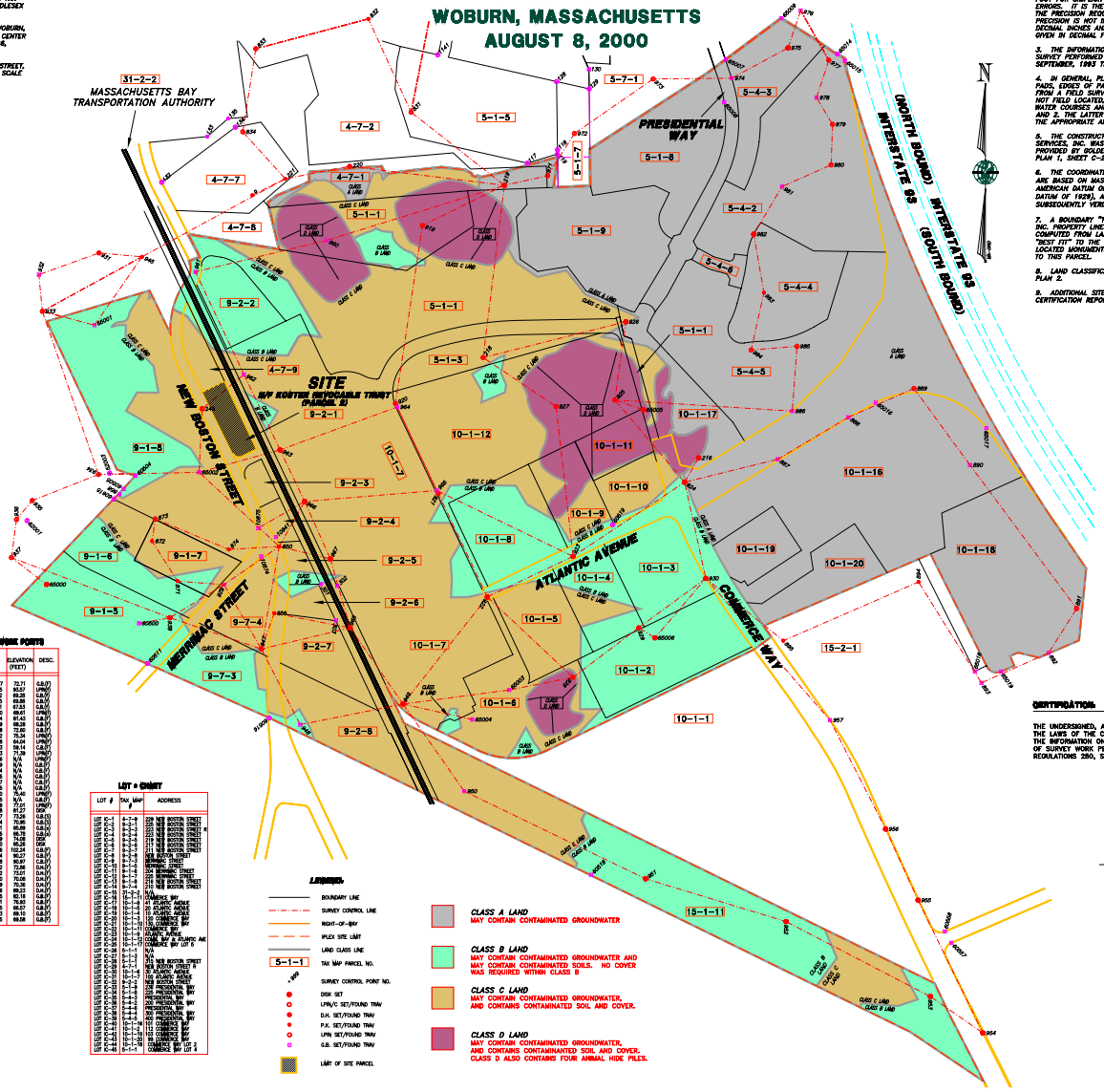
WOBURN, MASSACHUSETTS
AUGUST 8, 2000

REFERENCE PLANS:

1. "REGIONAL TRANSPORTATION CENTER– WOBURN, MASSACHUSETTS" ALTERNATE COVER DESIGN– ISSUED FOR EPA/DEP APPROVAL, DATE ISSUED: MAY 14, 1985 LATEST ISSUE: JULY 28, 1986, 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 2 OF 6", PREPARED BY GOLDER ASSOCIATES, MT. LAUREL, N.J., APRIL 28, 1992.
3. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY SPARTAN SURVEY SERVICE DECEMBER 14, 1978", SCALE 1"=100', CERT. OF TITLE NO. 137980 BOOK 918 PAGE 118, RECORDED AS PLAN NO. 73127 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, 1968, SHEETS 1–8. 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. 579280.

NOTES:

1. THE OWNERS OF RECORD FOR LOT 9-2-1 ARE (NOW OR FORMERLY) JOHN W. AND GARY S. KOSTER, TRUSTEES OF THE 225–231 NEW BOSTON STREET REALTY TRUST, PO BOX 42 WOBURN, MASSACHUSETTS 01801. DEED REFERENCE TO PARCEL IS TRANSFER CERTIFICATE #216183 BOOK 1211 PAGE 45, DATED AUGUST 12, 1969 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.



SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
0	2668239.94	4361197.41	88.93	PK/(Cb)
1	2647197.93	4360324.79	93.34	MON(Lb)
112	2648635.71	4360426.05	114.44	LPM(Y)
113	2648477.61	4360435.58	114.44	LPM(Y)
114	2648317.43	4360443.91	120.41	LPM(Y)
115	2648006.46	4360413.66	95.27	CB.(Y)
116	2648213.88	4360416.29	115.61	LPM(Y)
139	2650276.16	4360660.89	117.47	LPM(Y)
140	2650370.20	4360660.85	116.61	CB.(Y)
152	2648417.71	4360515.86	78.43	LPM(Y)
153	2650508.80	4361206.15	96.01	P.K.(Y)
154	2650122.46	4360256.34	96.55	LPM(Y)
155	2651412.01	4360222.65	96.28	P.K.(Y)
157	2650902.41	4360264.79	90.69	CB.(Y)
216	2653570.07	4361586.19	72.34	DISK
218	2654328.23	4360430.64	91.30	LPM(W)
219	2654833.75	4360456.37	113.01	DISK
220	2654221.67	4360764.06	73.06	D.H.(Y)
221	2654048.96	4360456.38	96.74	P.K.(Y)
248	2653801.79	4361102.81	70.74	PK/(Ga)
301	2653997.89	4360927.25	67.70	G.B.(Y)
302	2653963.08	4360726.35	68.00	G.B.(Y)
303	2653924.40	4360530.82	68.00	G.B.(Y)
761	2653114.48	4360691.21	68.42	G.B.(Y)
762	2653268.63	4360811.23	68.42	G.B.(Y)
764	2653366.43	4361014.89	68.42	G.B.(Y)
765	2653155.77	4360326.27	54.70	G.B.(Y)
766	2653150.19	4360530.06	54.00	PK/(Ga)
828	2653998.66	4360344.98	72.68	MON(Ga)
831	2654171.27	4360347.05	72.68	MON(Ga)
832	2654622.39	4360770.66	96.06	P.K.(Y)
833	2654644.46	4360350.07	76.24	PK/(Ga)
834	2653980.77	4360330.39	96.82	PK/(Ga)
850	2653160.01	4360460.74	60.79	P.K.(Y)
857	2654268.42	4360414.00	73.19	PK/(Ga)
868	2653807.27	4360121.18	73.66	P.K.(Y)
871	2653005.63	4360489.09	70.27	P.K.(Y)
873	2653190.49	4360471.47	74.35	P.K.(Y)
873	2653263.14	4360486.21	73.74	PK/(Ga)
874	2653152.40	4360230.05	72.66	P.K.(Y)
887	2653569.05	4360782.19	74.67	G.B.(Y)
888	2653762.89	4360630.15	75.46	G.B.(Y)
889	2653966.68	4360631.10	74.41	PK/(Ga)
890	2653452.21	4360449.66	74.67	PK/(Ga)
891	2652878.28	4360142.49	69.34	PK/(Ga)
892	2652874.64	4360013.87	69.45	G.B.(S)
893	2652636.04	4360702.70	69.67	G.B.(S)
894	2653002.10	4361102.19	69.45	MON(Ga)
895	2652730.69	4360707.70	67.00	MON(Ga)
919	2654466.09	4360730.30	70.00	PK/(Ga)
921	2653624.01	4360965.76	78.40	PK/(Ga)
922	2653615.01	4360965.76	78.40	PK/(Ga)
923	2653520.80	4360816.89	72.78	DISK
924	2653402.61	4360733.77	72.78	DISK
925	2653842.65	4360709.22	94.98	PK/(Ga)
926	2654203.87	4360730.28	94.98	PK/(Ga)
927	2653812.76	4360737.39	107.69	PK/(Ga)
928	2653661.74	4360618.28	99.15	PK/(Ga)
929	2653760.05	4360719.09	71.76	PK/(Ga)
930	2653784.63	4360742.00	99.02	PK/(Ga)
931	2654021.49	4360426.27	97.39	D.H.(Y)
932	2654251.87	4360435.61	90.95	D.H.(Y)
933	2654251.87	4360435.61	90.95	PK/(Ga)
934	2654251.87	4360435.61	90.95	PK/(Ga)
935	2653240.61	4360480.59	91.03	PK/(Ga)
936	2653241.65	4360481.09	91.04	PK/(Ga)
937	2653826.93	4360453.72	90.60	DISK
944	2654814.66	4360787.80	0.A.	G.B.(Y)
945	2654003.77	4360295.96	74.68	P.K.(Y)
947	2653992.72	4360376.15	95.02	DISK
948	2653453.09	4360555.77	63.57	G.B.(A)
949	2653454.47	4360555.92	63.57	G.B.(A)
950	2653635.72	4360313.83	69.40	G.B.(A)
951	2651851.65	4360781.14	69.67	DISK
952	2651433.89	4360930.32	73.68	DISK
953	2651433.89	4360930.32	73.68	DISK
954	2650819.29	4360763.21	63.45	DISK
955	2651632.44	4360410.23	63.71	DISK
956	2651991.31	4360260.16	65.21	DISK
957	2652364.28	4360035.18	67.73	G.B.(T)
960	2654776.77	4360727.06	96.52	G.B.(A)
961	2654434.15	4360721.84	90.91	G.B.(A)
962	2653862.20	4360626.67	76.76	G.B.(A)
963	2653612.09	4360422.70	78.01	DISK
964	2653613.44	4360423.31	78.01	G.B.(A)
965	2653424.46	4360196.34	79.67	G.B.(A)
966	2653424.46	4360196.34	79.67	G.B.(A)
967	2653708.65	4360706.11	74.49	DISK
968	2652760.10	4360786.11	73.69	DISK
971	2654678.15	4360668.61	126.11	PK/(Ga)
972	2655773.02	4360822.69	125.79	PK/(Ga)
973	2655824.08	4360778.40	117.15	PK/(Ga)
974	2655328.09	4360748.61	96.63	G.B.(T)
975	2655468.36	4360769.50	92.45	DISK
976	2655840.49	4360787.72	72.09	G.B.(A)
977	2655841.42	4360787.77	95.67	PK/(Ga)
978	2655285.37	4360740.64	70.49	G.B.(S)
979	2655175.28	4360715.18	70.49	G.B.(S)
980	2654828.03	4360638.18	80.83	PK/(Ga)
981	2654825.02	4360739.32	96.05	DISK
982	2654830.27	4360787.59	76.05	DISK
983	2654317.41	4360787.77	96.05	PK/(Ga)
984	2654317.41	4360787.77	96.05	PK/(Ga)
985	2654062.37	4360780.88	75.15	PK/(Ga)

SURVEY CONTROL NETWORK POINTS

POINT #	NORTHING	EASTING	ELEVATION	DESC.
996	2652761.19	4361528.87	72.71	G.B.(T)
1141	2654636.21	4361190.95	90.57	LPM(Y)
10875	2651710.00	4360376.62	69.28	G.B.(Y)
10876	2653350.99	4360361.99	69.88	G.B.(Y)
10877	2653824.59	4360361.99	69.88	G.B.(Y)
65000	2653824.59	4360411.44	91.42	G.B.(Y)
65000	2653851.04	4360411.44	91.42	G.B.(Y)
65000	2654048.08	4360746.89	68.28	G.B.(Y)
65000	2654321.74	4361140.48	72.60	G.B.(Y)
65001	2652636.22	4360850.13	75.34	LPM(Y)
65016	2652373.96	4360412.38	64.04	LPM(Y)
65016	2652373.96	4360412.38	64.04	LPM(Y)
65016	2652636.42	4360850.13	N/A	G.B.(Y)
65016	2652636.42	4360850.13	N/A	G.B.(Y)
65021	2650844.47	4361172.79	N/A	G.B.(T)
65021	2650908.62	4361563.34	N/A	G.B.(T)
65022	2650611.64	4361101.88	N/A	G.B.(T)
65057	2651335.71	4360944.07	N/A	G.B.(T)
65057	2651356.23	4360944.35	N/A	G.B.(T)
65070	2653350.09	4360361.99	N/A	LPM(Y)
65070	2653350.09	4360361.99	N/A	LPM(Y)
65201	2653350.49	4360434.18	77.01	LPM(Y)
65201	2653960.73	4360434.68	81.57	DISK
65201	2654197.99	4360435.57	72.26	G.B.(S)
65202	2653906.43	4360360.74	70.96	G.B.(S)
65202	2653906.43	4360360.74	70.96	G.B.(S)
65204	2653766.69	4360360.89	69.78	G.B.(S)
65204	2653766.69	4360360.89	69.78	G.B.(S)
65207	2654514.66	4360722.66	102.54	G.B.(S)
65207	2654514.66	4360722.66	102.54	G.B.(S)
65208	2656277.20	4361014.64	90.27	G.B.(S)
65209	2656605.36	4361779.80	90.97	G.B.(S)
65211	2653702.53	4361014.64	72.05	G.B.(S)
65211	2653702.53	4361014.64	72.05	G.B.(S)
65212	2653702.94	4361006.23	70.66	G.B.(S)
65212	2653702.94	4361006.23	70.66	G.B.(S)
65213	2653702.53	4361014.64	72.05	G.B.(S)
65214	2654403.08	4360326.86	69.23	G.B.(S)
65214	2654403.08	4360326.86	69.23	G.B.(S)
65215	2653829.73	4360314.05	76.83	G.B.(S)
65215	2653829.73	4360314.05	76.83	G.B.(S)
65216	2653961.61	4360722.66	69.78	G.B.(S)
65216	2653961.61	4360722.66	69.78	G.B.(S)

LOT • CHART

LOT #	TAX MAP #	ADDRESS
LOT 1	4–7–8	239 NEW BOSTON STREET
LOT 2	9–1–1	229 NEW BOSTON STREET
LOT 3	9–1–2	225 NEW BOSTON STREET
LOT 4	9–1–3	221 NEW BOSTON STREET
LOT 5	9–1–4	211 NEW BOSTON STREET
LOT 6	9–1–5	201 NEW BOSTON STREET
LOT 7	9–1–6	MERRIMAC STREET
LOT 8	9–1–7	MERRIMAC STREET
LOT 9	9–1–8	200 NEW BOSTON STREET
LOT 10	9–1–9	MERRIMAC STREET
LOT 11	9–1–10	210 NEW BOSTON STREET
LOT 12	9–1–11	N/A
LOT 13	9–1–12	41 ATLANTIC AVENUE
LOT 14	9–1–13	41 ATLANTIC AVENUE
LOT 15	9–1–14	41 ATLANTIC AVENUE
LOT 16	9–1–15	10 COMMERCE WAY
LOT 17	9–1–16	10 COMMERCE WAY
LOT 18	9–1–17	COMMERCE WAY
LOT 19	9–1–18	41 ATLANTIC AVENUE
LOT 20	9–1–19	41 ATLANTIC AVENUE
LOT 21	9–1–20	10 COMMERCE WAY
LOT 22	9–1–21	N/A
LOT 23	9–1–22	200 NEW BOSTON STREET
LOT 24	9–1–23	50 ATLANTIC AVENUE
LOT 25	9–1–24	150 ATLANTIC AVENUE
LOT 26	9–1–25	NEW BOSTON STREET
LOT 27	9–1–26	200 PRESIDENTIAL WAY
LOT 28	9–1–27	200 PRESIDENTIAL WAY
LOT 29	9–1–28	PRESIDENTIAL WAY
LOT 30	9–1–29	225 NEW BOSTON STREET
LOT 31	9–1–30	225 NEW BOSTON STREET
LOT 32	9–1–31	100 COMMERCE WAY
LOT 33	9–1–32	100 COMMERCE WAY
LOT 34	9–1–33	100 COMMERCE WAY
LOT 35	9–1–34	100 COMMERCE WAY LOT 2
LOT 36	9–1–35	100 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.
- 1149 SURVEY CONTROL POINT NO.
- DISK SET
- LPM/Y SET/FOUND TRAV
- D.H. SET/FOUND TRAV
- P.K. SET/FOUND TRAV
- LPM 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.

RESTRICTION 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.

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.

PROFESSIONAL LAND SURVEYOR DATE

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

REV.	DATE	DESCRIPTION	BY
A	8/9/00	ISSUE FOR REVIEW	MJP
B	8/10/01	DEP RESPONSE	JF
C	8/16/02	DEP RESPONSE	JF
D	8/7/03	EPA & DEP COMMENTS OF 8/7/03	MJP
E	8/7/04	EPA & DEP COMMENTS OF 8/7/04	MJP
F	8/7/07	EPA & DEP COMMENTS OF 8/7/07	MJP
G	8/7/08	EPA & DEP COMMENTS OF 8/7/08	MJP
H	8/9/09	EPA COMMENTS OF 8/9/09	MJP
I	6/11/08	FINAL SUBMISSION	DRH

PROFESSIONAL SURVEYOR

PROFESSIONAL ENGINEER

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

MERIDIAN Land Services, Inc.
Surveying, Mapping & Geographic Information Systems
10 Industrial Avenue, Unit 3, Mooresville, NH 03054
Tel: 603-429-9440 Fax: 603-429-9441

Golder Associates
Mountaineering Years Worldwide
400 Commercial Street
Manchester, New Hampshire 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: MJP
DRAFTED BY: MJP
CHECKED BY: JGK
FILE: 2900152R1.dwg
DO NOT SCALE DRAWING

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

Jun 11, 2008 – 8:06am MJP Land Desktop 2004 – LDT4
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Jun 11, 2008 - 5:18pm MDP Land Desktop 2004 - LDT4
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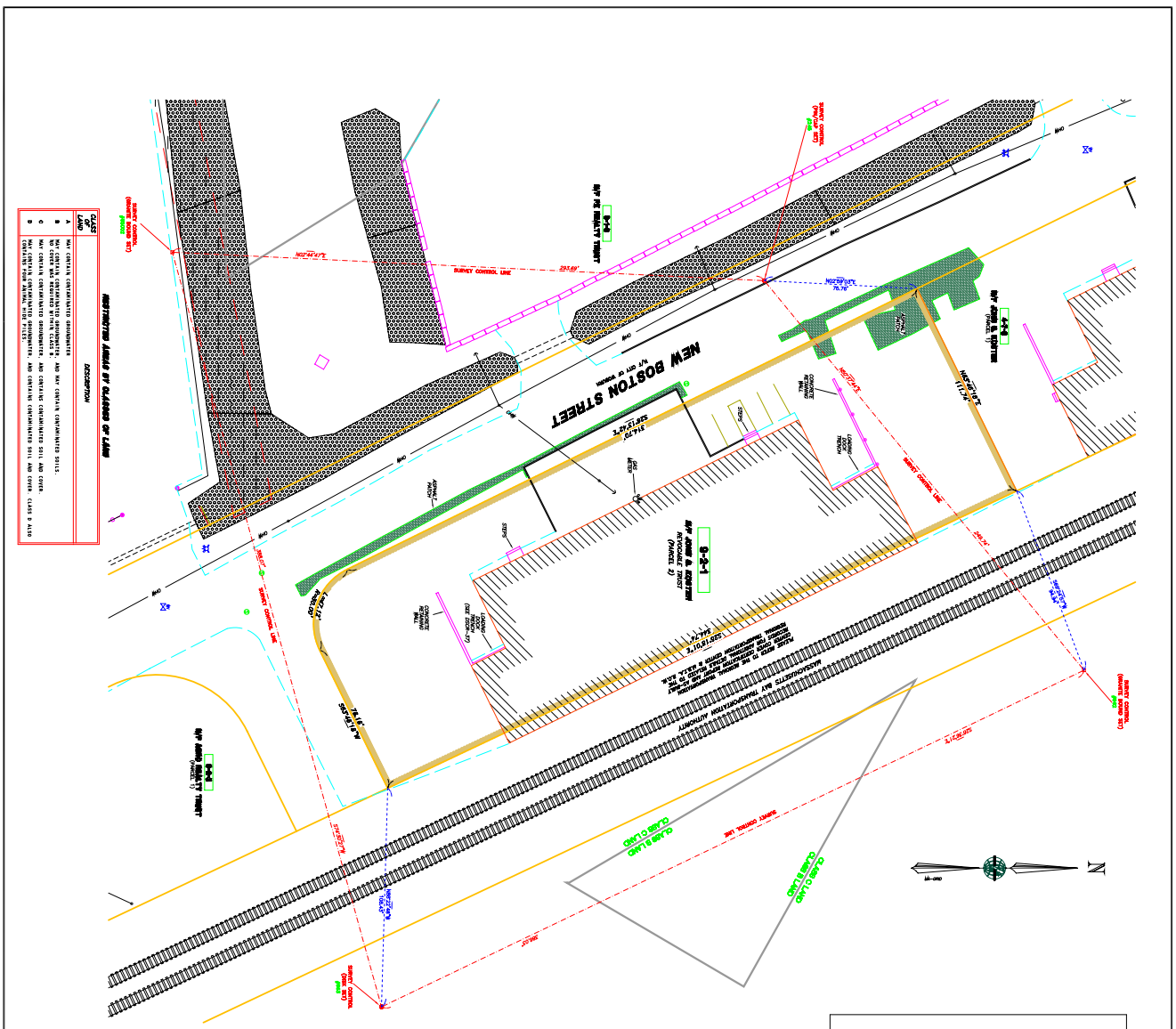

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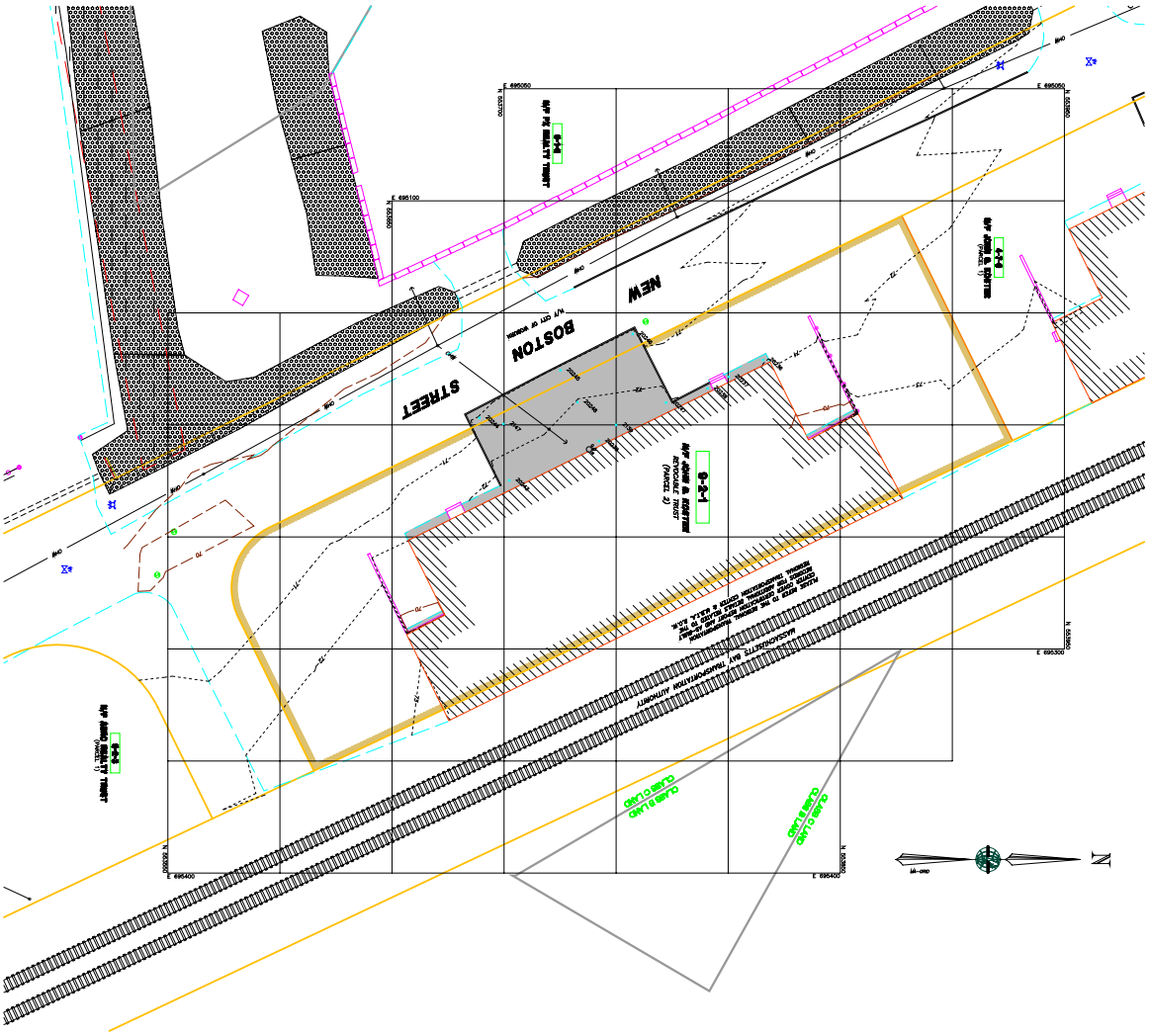
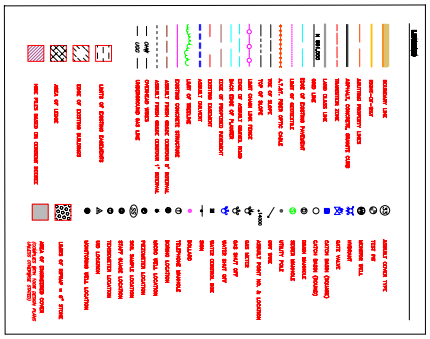




GRAPHIC SCALE

Point Number	Northing	Easting	Subgrade Elev. Feet	Cover Grade Elev. Feet	Finish Grade Elev. Feet	Total Inches	Desc.
20001	930,000.00	695,000.00	72.00	72.75	73.25	15	GRID
20002	930,000.00	695,050.00	72.00	72.75	73.25	15	GRID
20003	930,000.00	695,100.00	72.00	72.75	73.25	15	GRID
20004	930,000.00	695,150.00	72.00	72.75	73.25	15	GRID
20005	930,000.00	695,200.00	72.00	72.75	73.25	15	GRID
20006	930,000.00	695,250.00	72.00	72.75	73.25	15	GRID
20007	930,000.00	695,300.00	72.00	72.75	73.25	15	GRID
20008	930,000.00	695,350.00	72.00	72.75	73.25	15	GRID
20009	930,000.00	695,400.00	72.00	72.75	73.25	15	GRID
20010	930,050.00	695,000.00	72.00	72.75	73.25	15	GRID
20011	930,050.00	695,050.00	72.00	72.75	73.25	15	GRID
20012	930,050.00	695,100.00	72.00	72.75	73.25	15	GRID
20013	930,050.00	695,150.00	72.00	72.75	73.25	15	GRID
20014	930,050.00	695,200.00	72.00	72.75	73.25	15	GRID
20015	930,050.00	695,250.00	72.00	72.75	73.25	15	GRID
20016	930,050.00	695,300.00	72.00	72.75	73.25	15	GRID
20017	930,050.00	695,350.00	72.00	72.75	73.25	15	GRID
20018	930,050.00	695,400.00	72.00	72.75	73.25	15	GRID
20019	930,100.00	695,000.00	72.00	72.75	73.25	15	GRID
20020	930,100.00	695,050.00	72.00	72.75	73.25	15	GRID
20021	930,100.00	695,100.00	72.00	72.75	73.25	15	GRID
20022	930,100.00	695,150.00	72.00	72.75	73.25	15	GRID
20023	930,100.00	695,200.00	72.00	72.75	73.25	15	GRID
20024	930,100.00	695,250.00	72.00	72.75	73.25	15	GRID
20025	930,100.00	695,300.00	72.00	72.75	73.25	15	GRID
20026	930,100.00	695,350.00	72.00	72.75	73.25	15	GRID
20027	930,100.00	695,400.00	72.00	72.75	73.25	15	GRID
20028	930,150.00	695,000.00	72.00	72.75	73.25	15	GRID
20029	930,150.00	695,050.00	72.00	72.75	73.25	15	GRID
20030	930,150.00	695,100.00	72.00	72.75	73.25	15	GRID
20031	930,150.00	695,150.00	72.00	72.75	73.25	15	GRID
20032	930,150.00	695,200.00	72.00	72.75	73.25	15	GRID
20033	930,150.00	695,250.00	72.00	72.75	73.25	15	GRID
20034	930,150.00	695,300.00	72.00	72.75	73.25	15	GRID
20035	930,150.00	695,350.00	72.00	72.75	73.25	15	GRID
20036	930,150.00	695,400.00	72.00	72.75	73.25	15	GRID

CONTROL LAND SURVEYOR POINTS TABLE

CLASS OF LAND	DESCRIPTION
A	AREA CONTAIN CONTAMINATED GROUNDWATER
B	AREA CONTAIN CONTAMINATED SOILS
C	AREA CONTAIN CONTAMINATED GROUNDWATER AND AREA CONTAIN CONTAMINATED SOILS
D	AREA CONTAIN CONTAMINATED GROUNDWATER AND CONTAIN CONTAMINATED TILE AND COVER
E	AREA CONTAIN CONTAMINATED GROUNDWATER AND CONTAIN CONTAMINATED TILE AND COVER CLASS B LAND

RESTRICTED AREAS OF PLACING OF LAND

PDBC	DESCRIPTION
ABBR	ABBREVIATION
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF SLOPE
BOW	BOTTOM OF WALL
BW	BOTTOM OF WALL
CB	CATCH BASIN
CBC	CATCH BASIN CURB
CC	CONCRETE CURB
CCC	CONCRETE CURB
CCW	CONCRETE CURB
CL	CENTER LINE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CONT	CONTINUE
CPP	CORRUGATED PLASTIC PIPE
DI	DRAIN INLET
DIP	DUCTILE IRON PIPE
DW	DRIVEWAY
EC	EDGE OF CONCRETE
EG	EXISTING GRADE
EOP	EDGE OF PAVEMENT
EX	EXISTING
FF	FINISH FLOOR
FG	FINISH GRADE
FOF	FACE OF FOUNDATION
FOW	FACE OF WALL
GB	GRADE BREAK
GC	GRANITE CURB
GI	GRATE INLET
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LOD	LIMIT OF DISTURBANCE
MH	MANHOLE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PP	POWER POLE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RET	RETAINING WALL
ROW	RIGHT OF WAY
SCO	SEWER CLEANOUT
SF	SILT FENCE
SMH	SEWER MANHOLE
SW	SIDEWALK
TBM	TEMPORARY BENCH MARK
TOB	TOP OF BANK
TOC	TOP OF CURB
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE
TOW	TOP OF WALL
TYP	TYPICAL
UP	UTILITY POLE
UTIL	UTILITY
WM	WATER MAIN
WV	WATER VALVE

LEGEND

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

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
DRAWN BY: JAF
CHECKED BY: MDP
PROJECT NO. 2900.15
DRAWING NO. A-19
SHEET NO. 2 OF 2

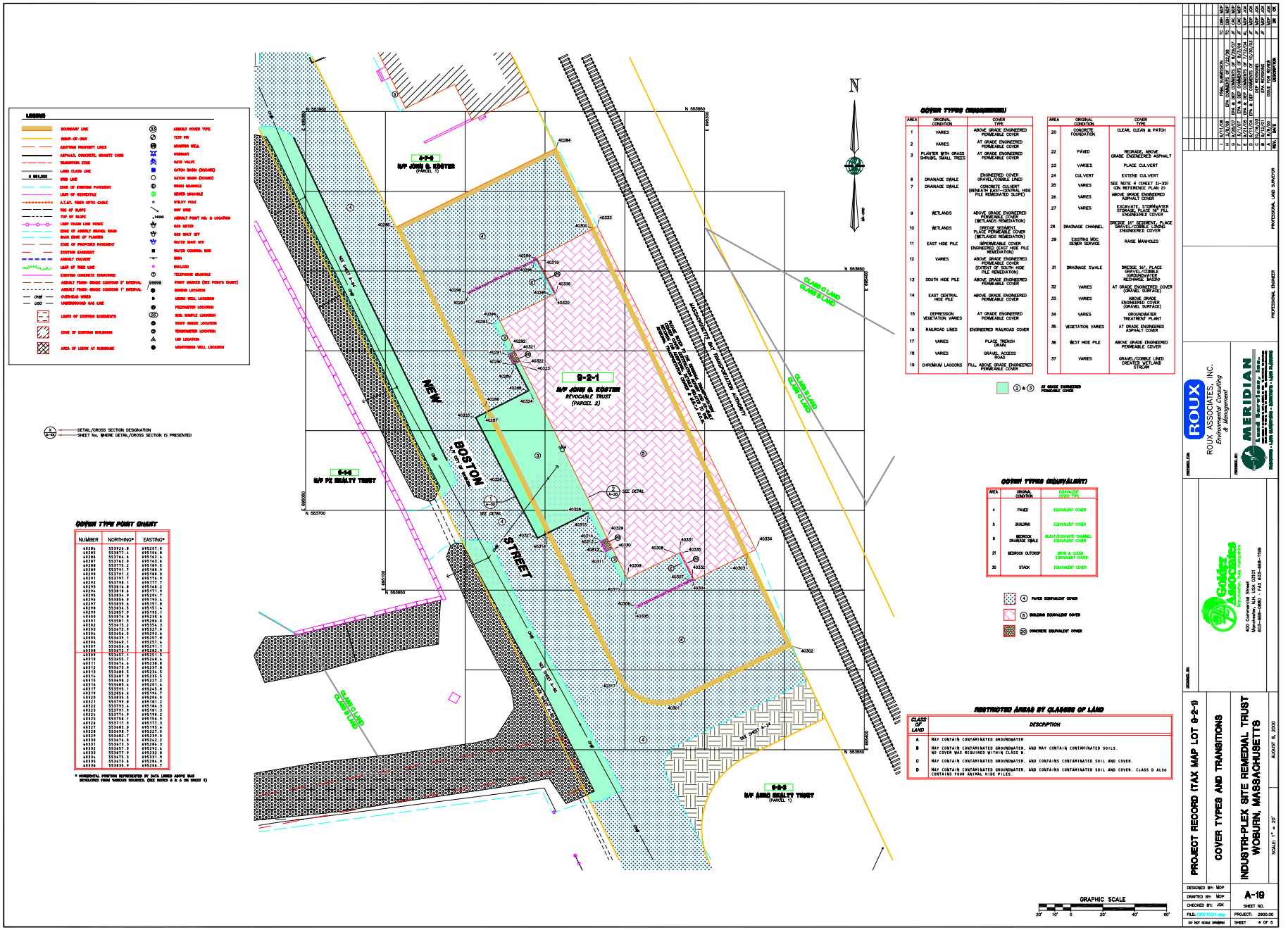
Golder Associates
Manchester, New Hampshire
400 Commercial Street
Manchester, N.H. USA 03101
603-668-0880 - FAX 603-668-1199

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

PREPARED BY: MERIDIAN Land Services, Inc.
ENGINEERING - LAND SURVEYING - SUBDIVISIONS - LAND PLANNING

PROFESSIONAL ENGINEER

PROFESSIONAL LAND SURVEYOR



REV.	DATE	DESCRIPTION	BY
I	6/11/08	FINAL SUBMISSION	MDP
H	4/30/08	EPA COMMENTS OF 4/23/08	MDP
G	4/18/07	EPA & MDP COMMENTS OF 4/18/07	MDP
F	6/7/07	EPA & MDP COMMENTS OF 6/7/07	MDP
E	6/17/06	EPA & MDP COMMENTS OF 6/17/06	MDP
D	6/16/06	EPA & MDP COMMENTS OF 6/16/06	MDP
C	6/16/06	DEP REVISIONS	MDP
B	6/16/06	DEP REVISIONS	MDP
A	8/9/00	ISSUE FOR REVIEW	MDP

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

MERIDIAN Land Services, Inc.
PROFESSIONAL LAND SURVEYORS
Boston • New Hampshire • Vermont • New Jersey

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Manchester, New Hampshire
400 Commercial Street
Manchester, NH 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
SCALE: 1" = 20'
AUGUST 6, 2000

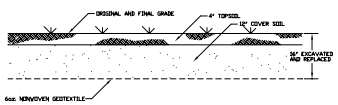
DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900152H.dwg
DO NOT SCALE DRAWING

A-19
SHEET NO.
PROJECT: 2900.00
SHEET 4 OF 5

Jun 11, 2008 – 8:46am MDP Land Desktop 2004 – LDT4
N:\Proj\2900.00 - Ind-Plex\2900.15\A\A-19\A19TOP-HANDEL.dwg

COVER TYPES

(2) & (3) **AT GRADE ENGINEERED PERMEABLE COVER**
NOT TO SCALE



LEGEND

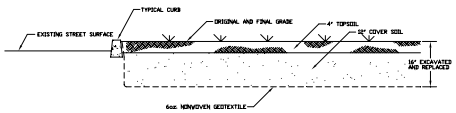
A / A-20 — DETAIL/CROSS SECTION DESIGNATION
SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED

NOTES

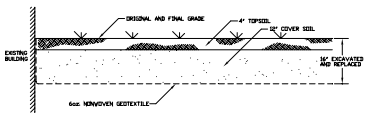
1.) FOR SLOPES FLATTER THAN 20% A 16oz. NONWOVEN GEOTEXTILE WAS INSTALLED ON HDE PILES AND A 6oz. NONWOVEN GEOTEXTILE WAS INSTALLED ELSEWHERE.

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		
-	6/1/06	FINAL SUBMISSION	TC	DRH MJP
H	4/9/06	EPA COMMENTS OF 4/23/06	TC	DRH MJP
G	8/4/07	EPA COMMENTS OF 8/1/07	JF	CAL MJP
F	8/7/07	EPA & MJP COMMENTS OF 8/6/04	JF	CAL MJP
E	8/21/06	EPA & MJP COMMENTS OF 12/30/04	JF	MJP JGK
D	8/15/06	EPA & MJP COMMENTS OF 8/15/06	JF	MJP JGK
C	8/15/06	DEP REVISIONS	JF	MJP JGK
B	8/15/06	DEP REVISIONS	JF	MJP JGK
A	8/9/06	ISSUE FOR REVIEW		MJP JGK

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

DETAILS & TRANSITIONS

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = NONE — AUGUST 9, 2000

DESIGNED BY: MJP
DRAFTED BY: MJP
CHECKED BY: JGK
FILE: 2900152Ts.dwg
DO NOT SCALE DRAWING

A-20
SHEET NO.
PROJECT: 2900.00
SHEET 5 OF 5

Jun 11, 2006 - 8:06am MJP Land Desktop 2004 - LDT4
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