INDUSTRI-PLEX SITE
OU-1 COVER CERTIFICATION REPORT
LOCUS OF TAX MAP LOT 10-1-9, 10-1-11 & 10-1-12 (AKA LOTS IC-22, 23, & 24)
N/F CHESTNUT HILL REALTY TRUST (E.C.H.P. & CREATED WETLANDS)
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.

3a. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY DANA F. PERKINS – MARCH 20, 1979", SCALE: 1"=100', CERT. OF TITLE NO. 158076 BOOK 920 PAGE 126, RECORDED AS PLAN NO. 7312–U ON AUGUST 20, 1979 AT SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

3b. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY DANA F. PERKINS – JULY 28, 1977", SCALE: 1"=160', CERT. OF TITLE NO. 153288 BOOK 896 PAGE 138, RECORDED AS PLAN NO. 7312–S ON APRIL 7, 1977 AT SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

3C. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY DANA F. PERKINS – MARCH 21, 1977", SCALE 1"=160', CERT. OF TITLE NO. 138934 BOOK 824 PAGE 184, RECORDED AS PLAN NO.7312–Q ON AUGUST 12, 1977 AT SOUTH REGISTRY DISTRICT OF MIDDLESEX COUNTY.

3d. "SUBDIVISION PLAN OF LAND IN WOBURN – PERFORMED BY MASSPORT SURVEY UNIT – OCTOBER 21, 1996", SCALE 1"=300', CERT. OF TITLE NO. 209396 BOOK 1188 PAGE 186, RECORDED AS PLAN NO.7312–Z ON JANUARY 18, 2000 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. "THE COMMONWEALTH OF MASSACHUSETTS – DEPARTMENT OF HIGHWAYS – PLAN AND PROFILE OF – ROUTE I–93 INTERCHANGE – IN THE CITY OF – WOBURN – MIDDLESEX COUNTY", SHEETS 18–23 OF 107, SCALE 1"=40', PREPARED BY VHB, INC. PROJECT NO. 072310.

6. "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.

SURVEY CONTROL NETWORK POINTS

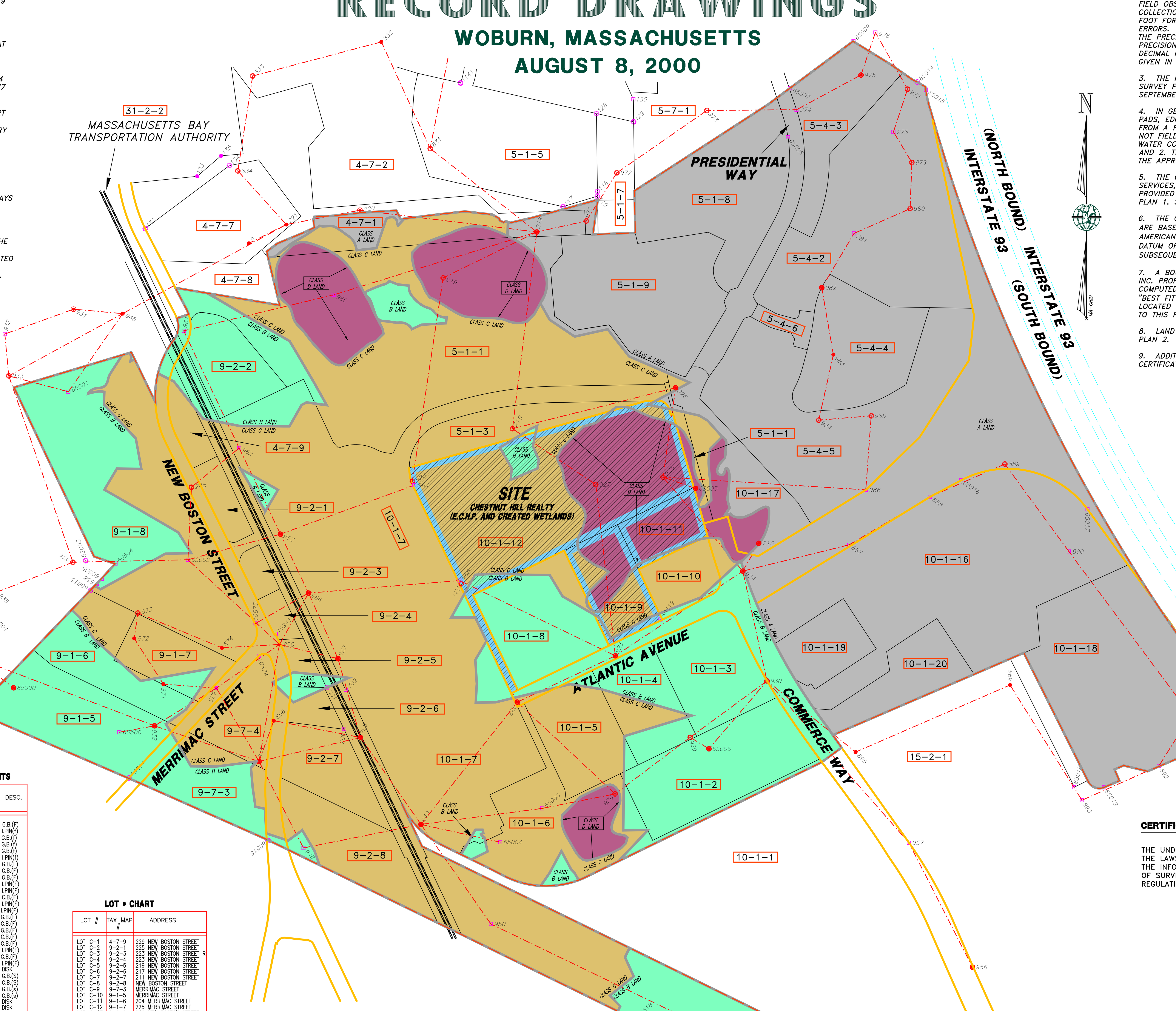
POINT #	NORTHING (FEET)	EASTING (FEET)	ELEVATION (FEET)	DESC.
8	555829.94	696197.41	88.93	PIN/C(s)
9	554787.93	695334.79	93.29	MAGNL(s)
117	554935.71	696605.05	119.44	I.PIN(f)
118	554997.69	696744.31	124.49	I.PIN(f)
119	554977.42	696743.93	125.72	I.PIN(f)
120	556005.46	696613.05	95.27	C.B.(f)
128	555312.88	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
LIMIT OF CHESTNUT HILL REALTY TRUST PARCELS

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 OWNER OF RECORD FOR LOTS 10–1–9, 10–1–11 & 10–1–12 IS (NOW OR FORMERLY) CHESTNUT HILL REALTY TRUST, C/O MARGARET METZLER, TRUSTEE – 728 BOYLSTON STREET CHESTNUT HILL, MA. 02167. DEED REFERENCE TO PARCELS IS TRANSFER CERTIFICATE #151393 BOOK 887 PAGE 43, DATED APRIL 14, 1997 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	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, 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 (LOTS 10-1-9, 11 & 12)

N/F CHESTNUT HILL REALTY TRUST E.C.H.P. AND CREATED WETLANDS

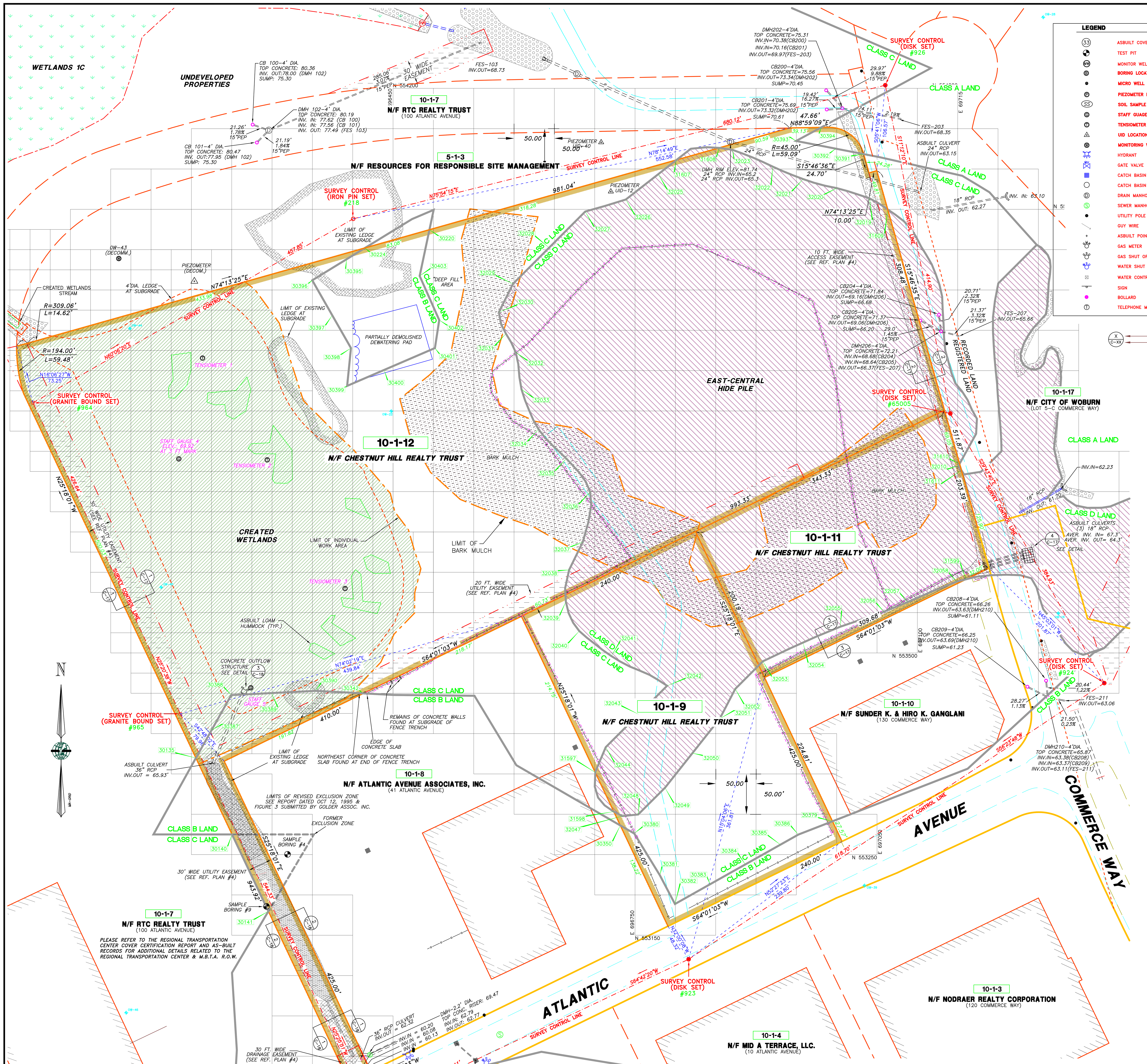
INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

SCALE: 1" = 200'
AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900111I1.dwg
DO NOT SCALE DRAWING

C-11
SHEET NO.
PROJECT: 2900.00

Sep 26, 2008 – 8:08am MDP Land Desktop 2004 – LDT4
H:\mls\02900-0-AB\2900.11\AS-BUILTS\0-PARCEL-1\



LEGEND

- ASBUILT COVER TYPE
- TEST PIT
- MONITOR WELL
- BORING LOCATION
- MICRO WELL LOCATION
- PIEZOMETER LOCATION
- SOIL SAMPLE LOCATION
- STAFF GUAGE LOCATION
- TENSIOMETER LOCATION
- UID LOCATION
- MONITORING WELL LOCATION
- 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
- BOUNDARY LINE
- RIGHT-OF-WAY
- ABUTTING PROPERTY LINES
- ASPHALT, CONCRETE, GRANITE CURB
- TRANSITION ZONE
- LAND CLASS LINE
- GRID LINE (N 551,000)
- 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
- 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
- LIMIT OF CREATED WETLANDS
- 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
- OVERHEAD WIRES (OHW)
- UNDERGROUND GAS LINE (UGG)
- POINT MARKER (SEE POINTS CHART) (99999)
- TIE COURSE
- SURVEY CONTROL LINE
- DECOMMISSIONED WELL PER REFERENCE PLAN #2 (OW-50)

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

LAND CLASS RESTRICTED AREAS POINTS CHART

NUMBER	NORTHING*	EASTING*	BEARING	LENGTH
30391	554118.5	697033.5	N79°01'46"W	35.32'
30392	554125.2	696998.8	N79°01'46"W	50.00'
30393	554134.7	696949.7	N61°35'55"E	35.27'
30394	554151.5	696980.8		
31610	553734.5	697152.4	S28°55'37"W	2.77'
32010	553732.1	697151.0	S32°39'18"E	6.72'
31611	553726.4	697154.7	N15°47'35"W	8.40'
31610	553734.5	697152.4		
30135	553369.7	696205.6	N29°17'49"E	39.46'
30387	553404.1	696224.9	N29°17'49"E	50.00'
30388	553447.7	696249.4	N87°08'07"E	50.00'
30389	553450.2	696299.3	N87°08'07"E	54.41'
30390	553453.0	696353.7	S86°59'16"E	59.51'
30342	553449.8	696413.1		
30350	553286.1	696731.8	S59°54'32"E	19.90'
30380	553276.2	696749.0	S31°30'45"E	61.96'
30381	553224.2	696780.9	S27°46'43"E	40.06'
30382	553188.7	696799.5	N60°38'27"E	50.00'
30383	553213.3	696843.1	N60°38'27"E	50.00'
30384	553237.8	696886.7	N60°38'27"E	50.00'
30385	553262.3	696930.3	N60°38'27"E	25.51'
30386	553274.8	696952.5	N68°44'59"E	45.40'
30379	553291.3	696994.8		
30224	554002.0	696415.2	S58°28'37"W	26.62'
30395	553988.2	696392.5	S58°28'37"W	50.00'
30396	553962.0	696349.9	S29°44'34"E	50.00'
30397	553918.6	696374.7	S29°44'34"E	46.79'
30398	553878.0	696397.9	S05°49'29"W	47.15'
30399	553831.0	696393.1	N66°40'52"E	50.00'
30400	553850.8	696439.0	N66°40'52"E	68.50'
30401	553878.0	696501.9	N08°45'36"E	35.15'
30402	553912.7	696507.3	N23°51'22"W	59.82'
30403	553967.4	696483.1	N11°53'44"E	58.50'
30220	554024.6	696495.1		
31609	554049.9	697063.3	N58°47'11"W	26.49'
32019	554063.6	697040.6	N72°41'09"W	42.35'
32020	554076.2	697000.2	N74°58'02"W	43.29'
32021	554087.5	696958.4	N67°42'19"W	40.65'
32022	554102.9	696920.8	N67°18'33"W	54.05'
32023	554123.7	696870.9	N81°34'08"W	16.62'
31608	554126.2	696854.5	S74°13'25"W	55.11'
31607	554111.2	696801.4	S52°01'41"W	28.55'
32025	554093.6	696778.9	S52°01'41"W	51.08'
32026	554062.2	696738.6	S73°26'01"W	52.51'
32027	554047.2	696688.3	S45°00'00"W	63.39'
32028	554002.4	696643.5	S45°00'00"W	63.39'
32029	553957.6	696598.7	S26°24'35"W	39.21'
32030	553922.4	696581.2	S18°12'04"E	28.01'
32031	553895.8	696590.0	S27°42'37"E	26.18'
32032	553872.7	696602.2	S08°49'12"E	46.46'
32033	553826.7	696609.3	S23°10'14"E	53.86'
32034	553777.2	696630.5	S43°28'10"E	50.02'
32035	553740.9	696664.9	S35°34'57"E	50.68'
32036	553699.7	696694.4	S08°22'56"W	62.87'
32037	553637.5	696685.2	S26°03'19"W	38.50'
32038	553602.9	696668.3	S05°52'14"W	39.62'
32039	553563.5	696664.2	S24°35'52"E	40.01'
32040	553527.1	696680.9	S52°04'31"E	50.38'
32041	553496.2	696720.6	S61°55'56"E	78.40'
32042	553459.3	696789.8	S45°00'00"W	50.00'
32043	553423.9	696754.5	S45°00'00"E	57.70'
32044	553383.1	696713.7	S22°25'24"W	33.87'
31597	553351.8	696700.7	S25°18'01"E	53.68'
31598	553303.3	696723.7	S62°18'19"E	12.01'
32047	553297.7	696734.3	N84°14'16"E	19.76'
32048	553299.7	696754.0	N45°00'00"E	46.94'
32049	553332.9	696787.2	N38°26'13"E	54.68'
32050	553375.7	696821.2	N38°26'13"E	54.68'
32051	553418.5	696855.1	N27°28'04"E	41.50'
32052	553455.4	696874.3	N45°00'00"E	48.45'
32053	553489.6	696908.6	N64°59'30"E	54.84'
32054	553512.8	696958.3	N66°56'35"E	50.18'
32055	553532.5	697004.4	N70°57'17"E	57.12'
32056	553551.1	697058.4	N68°03'29"E	31.92'
32057	553563.0	697088.0	N67°20'35"E	65.76'
32058	553588.4	697148.7	N75°42'16"E	11.77'
31599	553591.3	697160.1		

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: 50' 25' 0 50' 100' 150'

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		MDP	JGK
B	8/12/01	EPA REVISIONS	JF	MDP	JGK
A	8/8/00	ISSUE FOR REVIEW		MDP	JGK

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

FINAL

PREPARED FOR:

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

PREPARED BY:

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

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

DESIGNED BY:

PROJECT RECORD (LOTS 10-1-9, 11 & 12)

BOUNDARY LINES, LAND CLASSIFICATIONS, EASEMENTS AND ASBUILT DRAINAGE

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

SCALE: 1" = 50'

AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900111I2.dwg
DO NOT SCALE DRAWING

C-12
SHEET NO.
PROJECT: 2900.00
SHEET 2 OF 8

Sep 26, 2008 - 7:48am dbh Land Desktop 2004 - LDT4
H:\mls\02900-0-AB\2900.11\AS-BUILTS\0-PARCEL-1\

WETLANDS 1C

UNDEVELOPED PROPERTIES

10-1-7
N/F RTC REALTY TRUST
(100 ATLANTIC AVENUE)

5-1-3
N/F RESOURCES FOR RESPONSIBLE SITE MANAGEMENT

LIMITS OF ARSENIC PIT BELOW SUBGRADE

SEE DETAIL B C-13

CLASS C LAND
CLASS A LAND
CLASS B LAND
CLASS D LAND

EAST-CENTRAL HIDE PILE

SEE SHEET C-14 FOR RECORD POINTS

RECORDED LAND
REGISTERED LAND

10-1-17
N/F CITY OF WOBURN
(LOT 5-C COMMERCE WAY)

10-1-12
N/F CHESTNUT HILL REALTY TRUST

30' WIDE UTILITY EASEMENT

CREATED WETLANDS

SEE SHEET C-15 FOR RECORD POINTS

20' WIDE UTILITY EASEMENT

10-1-11
N/F CHESTNUT HILL REALTY TRUST

10-1-9
N/F CHESTNUT HILL REALTY TRUST

10-1-10
N/F SUNDER K. & HIRO K. GANGLANI
(130 COMMERCE WAY)

10-1-8
N/F ATLANTIC AVENUE ASSOCIATES, INC.
(41 ATLANTIC AVENUE)

10-1-7
N/F RTC REALTY TRUST
(100 ATLANTIC AVENUE)

PLEASE REFER TO THE REGIONAL TRANSPORTATION CENTER COVER CERTIFICATION REPORT AND AS-BUILT RECORDS FOR ADDITIONAL DETAILS RELATED TO THE REGIONAL TRANSPORTATION CENTER & M.B.T.A. R.O.W.

ATLANTIC AVENUE

10-1-4
N/F MID A TERRACE, LLC.
(10 ATLANTIC AVENUE)

LEGEND

- BOUNDARY LINE
- RIGHT-OF-WAY
- ABUTTING PROPERTY LINES
- ASPHALT, CONCRETE, GRANITE CURB
- TRANSITION ZONE
- LAND CLASS LINE
- GRID LINE (N 551,000)
- 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
- AREA OF ENGINEERED COVER (COMPLIES WITH 100% DESIGN PLANS UNLESS OTHERWISE STATED)
- ASBUILT COVER TYPE
- TEST PIT
- 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
- MICRO WELL LOCATION
- PIEZOMETER LOCATION
- SOIL SAMPLE LOCATION
- STAFF GUAGE LOCATION
- TENSIOMETER LOCATION
- UID LOCATION
- MONITORING WELL LOCATION
- HIDE PILES BASED ON CONSENT DECREE
- LIMITS OF RIPRAP = 6" STONE

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

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	PERCO (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
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

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.

EAST CENTRAL HIDE PILE & CREATED WETLANDS (A / C-13)
SCALE: 1"= 50'

CREATED WETLAND STREAM (B / C-13)
SCALE: 1"= 20'

LIMIT OF CLAY LAYER

GRAPHIC SCALE
50' 25' 0 50' 100' 150'

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

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

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.
ENGINEERING - LAND SURVEYORS - 603/431-2222
ENGINEERING - LAND SURVEYORS - 603/431-2222 - LAND PLANNERS

PROJECT RECORD (LOTS 10-1-9, 11 & 12)
RECORD POINTS, TOPOGRAPHY & LIMITS OF ENGINEERED COVER
INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS
AUGUST 8, 2000
SCALE: 1" = 50'

DESIGNED BY: MDP	C-13
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JCK	
FILE: 29001113.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 3 OF 8

Sep 26, 2008 - 7:59am - dbh - Land Desktop 2004 - LDT4
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MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev.	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
4306	553938.9	696869.7	103.17	L		104.55		16.56	R
4307	553959.3	696834.8	105.20	L		106.55		16.20	R
4308	553964.8	696819.5	105.41	L		106.76		16.20	R
4310	553965.8	696811.4	105.54	L		106.90		16.32	R
4311	553962.7	696777.5	105.44	L		106.94		18.00	R
4312	553955.6	696752.5	104.90	L		106.26		16.32	R
4313	553939.9	696731.9	105.53	L		106.94		16.92	R
4314	553901.5	696696.7	105.89	L		107.27		16.56	R
4315	553877.6	696675.1	105.31	L		106.93		19.44	R
4316	553838.7	696664.9	106.32	L		107.67		16.20	R
4317	553800.5	696694.5	105.01	L		106.37		16.32	R
4318	553833.1	696645.4	104.99	L		106.53		18.48	GRID
4340	553858.2	696644.9	103.73	L		105.21		17.76	R
4341	553832.3	696613.4	101.92	L		103.42		18.00	R
4342	553820.7	696620.7	102.31	L		103.68		16.44	R
4343	553802.2	696656.5	103.90	L		105.38		17.76	R
4344	553788.8	696689.8	103.18	L		104.70		18.24	R
4345	553776.4	696720.7	100.26	L		102.80		30.48	R
4388	553980.0	696847.0	100.49	L		102.23		20.88	R
4389	553987.6	696827.1	100.17	L		101.83		19.92	R
4391	553989.7	696809.0	100.10	L		101.69		19.08	R
4392	553986.6	696775.3	100.19	L		101.92		20.76	R
4393	553977.1	696741.9	99.94	L		101.33		16.68	R
4394	553956.0	696714.1	100.47	L		101.85		16.56	R
4416	553968.9	696890.1	98.81	L		100.23		17.04	R
4417	553923.3	696673.5	99.25	L		101.03		21.36	R
4418	553898.9	696650.2	99.26	L		100.71		17.40	R
4419	553876.8	696629.5	98.73	L		100.58		22.20	R
4420	553849.5	696596.6	97.80	L		99.20		16.80	R
4422	553828.2	696589.7	97.49	L		99.13		19.68	R
4423	553806.4	696601.4	97.60	L		99.55		23.40	R
4437	553772.4	696644.6	97.60	L		99.30		20.40	R
4438	553759.1	696677.9	97.43	L		99.23		21.60	R
4439	553746.9	696708.5	96.29	L		99.12		33.96	R
4447	553909.3	696789.6	107.97	L		109.33		16.32	TOP
4518	553807.3	696729.6	106.18	L		107.52		16.08	TOB
4519	553810.8	696698.0	106.28	L		107.66		16.56	TOB
4520	553808.9	696658.8	104.74	L		106.43		20.28	TOB
4521	553831.0	696630.7	104.24	L		105.65		16.92	TOB
4522	553851.9	696650.3	104.84	L		106.33		17.88	TOB
4523	553873.2	696680.5	106.19	L		107.61		17.04	TOB
4524	553897.9	696700.8	106.42	L		107.81		16.68	TOB
4525	553933.6	696739.9	106.85	L		108.29		17.28	TOE
4526	553944.9	696758.1	107.03	L		108.47		17.28	TOB
4527	553952.1	696778.6	106.97	L		108.34		16.44	TOB
4528	553952.9	696812.8	107.05	L		108.49		17.28	TOB
4529	553930.5	696841.7	107.56	L		108.93		16.44	TOB
4531	553872.7	696850.3	107.75	L		109.10		16.20	TOB
4532	553922.3	696844.8	107.49	L		108.85		16.32	TOB
11275	553471.8	696908.0	72.15	A		73.93		21.36	CL
11276	553495.0	696952.4	70.67	A		72.32		19.79	CL
11277	553516.1	696997.2	68.46	A		70.48		24.29	CL
11278	553538.8	697042.8	67.65	A		69.42		21.17	CL
11279	553562.8	697085.8	67.24	A		68.71		17.63	CL
11280	553586.7	697129.9	66.87	A		69.63		33.17	CL
11281	553600.5	697157.8	66.26	A		68.64		28.52	CL
11305	553276.0	696967.2	72.62	73.68	12.65	74.23	6.66	19.31	BR
11306	553323.5	696941.8	74.00	75.07	12.79	75.43	4.30	17.09	BR
11307	553374.3	696917.7	74.69	75.80	13.36	76.22	5.06	18.42	BR
11308	553423.3	696895.5	75.24	76.44	14.40	76.90	5.51	19.91	BR
11309	553460.8	696877.3	75.66	76.77	13.32	77.13	4.34	17.66	BR
11310	553481.2	696894.3	74.05	75.06	12.16	75.79	8.72	20.88	TOP
11311	553482.3	696906.9	73.35	74.37	12.19	74.88	6.11	18.30	TOP
11312	553504.1	696948.3	71.61	72.76	13.80	73.37	7.33	21.13	TOP
11313	553525.8	696993.2	70.74	71.78	12.43	72.14	4.32	16.75	TOP
11314	553549.4	697042.1	70.07	71.11	12.46	71.51	4.84	17.29	TOP
11315	553570.2	697083.6	70.09	71.12	12.41	71.52	4.75	17.16	TOP
11316	553592.5	697129.5	69.72	70.78	12.65	71.14	4.32	16.97	TOP
11319	553282.1	696962.4	73.50	74.50	12.04	D			BR
11320	553264.4	696923.3	74.19	75.25	12.79	D			BR
11321	553253.5	696901.7	74.33	75.34	12.12	D			BR
11322	553245.2	696882.0	74.33	75.48	13.78	D			BR
11323	553648.2	696827.6	90.76	91.83	12.79	92.42	7.09	19.88	TOP
11330	554001.8	696734.6	94.76	98.79	48.36	99.38	7.02	55.38	CLDTCH
11376	553750.3	697071.7	80.34	81.38	12.46	81.83	5.45	17.90	GRID
11391	553950.1	696299.9	75.66	77.82	25.90	D			GRID
11392	553950.3	696350.0	79.47	80.58	13.33	D			GRID
11393	553900.4	696350.0	75.71	76.83	13.51	D			GRID
11394	553850.2	696350.0	75.24	76.35	13.27	D			GRID
11395	553850.2	696400.0	76.31	77.36	12.61	D			GRID
11396	553799.8	696350.0	74.93	76.11	14.17	D			GRID
11397	553799.9	696400.0	75.60	76.72	13.46	D			GRID
11433	553954.1	696682.9	94.64	99.40	57.05	99.98	7.00	64.04	CLDTCH
11434	553884.0	696617.6	93.94	98.66	56.66	99.16	5.94	62.60	CLDTCH
11435	553849.7	696573.8	93.16	97.70	54.48	98.26	6.66	61.14	CLDTCH
11436	553832.6	696571.1	93.27	97.51	50.94	98.06	6.58	57.52	CLDTCH
11437	553823.0	696571.8	93.58	97.51	47.08	97.96	5.39	52.46	CLDTCH
11438	553787.8	696597.8	93.44	97.70	51.12	98.07	4.44	55.56	CLDTCH
11439	553765.6	696634.8	93.32	97.41	49.03	97.90	5.94	54.97	CLDTCH
11440	553723.5	696666.7	91.35	95.66	51.76	96.46	9.53	61.28	CLDTCH
11441	553681.3	696698.4	89.98	94.34	52.39	94.95	7.34	59.74	CLDTCH
11722	553475.4	696906.1	70.97	74.49	42.22	74.86	4.38	46.60	TOE
11723	553498.7	696951.1	69.47	72.45	35.76	73.36	10.88	46.64	TOE
11724	553519.8	696995.3	67.40	70.93	42.42	71.31	4.50	46.92	TOE
11725	553541.7	697040.5	67.38	70.16	33.38	70.94	9.36	42.74	TOE
11726	553566.2	697084.0	67.52	70.29	33.29	70.81	6.26	39.55	TOE
11727	553589.5	697128.3	67.05	70.57	42.28	70.96	4.67	46.94	TOE
11728	553939.1	696759.3	107.27	L		108.70	4.38	17.16	GRID
11734	553933.7	696301.4	74.88	76.16	15.38	D			TOE
11735	553932.1	696307.9	75.22	76.50	15.46	D			E.FAB
11736	553945.0	696359.1	79.05	80.17	13.46	D			E.FAB
11737	553955.4	696411.8	81.81	83.42	19.26	D			E.FAB
11738	553972.7	696448.2	82.19	85.94	45.06	D			E.FAB
11766	553970.5	696348.1	83.52	84.59	12.85	D			R
11767	553977.3	696399.1	85.15	86.13	11.81	D			R
11768	553989.1	696423.6	84.76	86.84	25.00	D			R
11776	553985.8	696380.8	86.97	88.08	13.37	D			BR
11778	553979.3	696347.2	85.18	86.32	13.66	D			BR
11781	553476.9	696894.8	73.81	74.84	12.32	75.46	7.50	19.82	TOB
11782	553443.7	696909.2	72.81	73.95	13.73	74.49	6.42	20.15	TOB
11783	553404.0	696929.0	72.10	73.14	12.46	73.56	5.10	17.56	TOB
11784	553368.9	696947.0	71.61	72.75	13.68	73.18	5.17	18.85	TOB
11785	553327.0	696965.0	71.98	73.08	13.19	73.45	4.39	17.58	TOB
11786	553290.4	696986.1	71.34	72.39	12.54	72.81	5.06	17.60	TOB
11787	553291.2	696988.2	68.15	71.68	42.43	72.22	6.48	48.91	TOE
11788	553329.0	696968.6	68.69	72.27	43.04	72.67	4.76	47.81	TOE
11789	553369.5	696948.3	69.75	72.15	28.82	72.77	7.51	36.34	TOE
11790	553371.2	696953.2	69.85	71.21	16.36	71.94	8.72	25.08	TOE
11791	553405.3	696932.1	69.08	72.62	42.56	73.00	4.49	47.05	TOE
11792	553445.3	696912.3	70.14	73.73	43.10	74.12	4.62	47.72	TOE
11793	553478.6	696898.2	71.30	74.86	42.71	75.49	7.56	50.27	TOE
11794	553975.6	696893.9	96.22	99.24	36.31	99.78	6.46	42.77	CLDTCH
11795	553950.8	696939.1	95.30	98.80	41.96	99.17	4.44	46.40	CLDTCH
11796	553936.0	696970.0	94.38	97.75	40.40	98.22	5.64	46.04	CLDTCH
11797	553885.0	696985.5	93.52	96.94	41.08	97.38	5.26	46.33	CLDTCH
11798	553837.6	696998.4	92.13	95.68	42.59	96.03	4.20	46.79	CLDTCH
11799	553808.8	697002.7	91.33	94.52	38.22	95.23	8.48	46.70	CLDTCH
11800	553754.2	697010.0	88.19	92.69	54.02	93.18	5.84	59.87	CLDTCH
11801	554006.7	696821.7	96.39	99.92	42.30	100.27	4.21	46.51	CLDTCH
11802	553999.3	696844.7	96.01	99.79	45.36	100.42	7.52	52.88	CLDTCH
11803	553706.2	697018.6	84.39	88.18	45.52	89.02	10.02	55.54	CLDTCH
11804	553665.3	697024.6	79.66	83.54	46.60	83.72	2.16	48.76	CLDTCH
11806	553655.6	697027.0	77.61	82.02	52.98	82.26	2.87	55.85	CLDTCH
11807	553614.9	697043.6	72.79	77.03	50.93	77.46	5.20	56.12	CLDTCH
11808	553567.4	697061.3	68.19	71.98	45.53	72.45	5.66	51.19	CLDTCH
11826	553273.0	696993.4	70.75	71.76	12.10	D			E.EXC
11827	553253.0	696950.1	71.44	72.50	12.72	D			E.EXC
11828	553232.9	696907.8	71.66	73.18	18.25	D			E.EXC
11835	553685.8	697129.3	73.82	74.84	12.19	75.21	4.42	16.61	SL
11841	553731.2	697107.9	75.12	76.19	12.85	76.56	4.49	17.34	SL
11847	553778.9	697092.6	76.77	77.79	12.23	78.23	5.22	17.45	SL
11853	553830.4	697089.5	76.69	77.78	13.01	78.14	4.42	17.42	SL
11859	553878.4	697075.3	77.84	78.96	13.39	79.34	4.56	17.95	SL
11865	553918.9	697038.3	84.16	85.27	13.30	85.66	4.66	17.95	SL
11871	553966.2	697022.2	84.95	85.97	12.24	86.43	5.59	17.83	SL
11877	554014.9	697010.2	84.62	85.63	12.11	86.04	4.99	17.10	SL
11889	554069.7	697014.5	80.07	81.10	12.32	81.47	4.37	16.69	SL
11895	554115.5	696992.0	80.37	81.45	13.02	82.58	13.50	26.52	SL
11901	554141.8	696980.7	77.87	79.07	14.47	79.63	6.70	21.17	SL
11907	553646.4	697170.8	70.07	A		71.64		18.89	DTCH
11908	553647.7	697174.6	68.18	A		69.56		16.54	DTCH
11909	553647.9	697175.6	68.09	A		69.60		18.13	DTCH
11912	553694.1	697155.5	70.53	A		72.15		19.46	DTCH
11913	553695.4	697159.4	68.54	A		70.34		21.62	DTCH
11914	553695.4	697160.3	68.59	A		70.19		19.27	DTCH
11917	553741.5	697160.3	71.06	A		72.68		19.48	DTCH
11918	553742.8	697144.1	69.74	A		71.12		16.57	DTCH
11919	553743.3	697145.0	69.29	A		70.78		17.90	DTCH
11920	553744.4	697148.9	70.56	A		72.20		19.68	BERM
11922	553788.9	697124.8	71.64	A		73.44		21.64	DTCH
11923	553790.2	697128.9	69.82	A		71.39		18.84	DTCH
11924	553790.7	697129.8	69.78	A		71.42		19.66	DTCH
11925	553791.8	697133.6	71.09	A		72.73		19.64	BERM
11927	553836.7	697109.8	72.18	A		73.98		21.54	DTCH
11928	553837.9	697113.6	70.30	A		72.03		20.72	DTCH
11929	553838.2	697114.6	70.23	A		71.99		21.17	DTCH
11930	553839.5	697118.4	71.55	A		73.32		21.20	BERM
11932	553884.5	697094.5	72.65	A		74.60		23.40	DTCH
11933	553885.8	697098.3	70.89	A		72.61		20.64	DTCH
11934	553886.1	697099.3	70.89	A		72.56		20.10	DTCH

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev.	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
11935	553887.3	697103.1	72.22	A		73.88		19.94	BERM
11937	553932.2	697079.2	73.13	A		75.14		24.06	DTCH
11938	553933.1	697083.1	71.50	A		73.10		19.22	DTCH
11939	553933.5	697084.1	71.51	A		73.10		19.09	DTCH
11940	553934.7	697087.9	72.76	A		74.39		19.56	BERM
11942	553980.0	697063.9	73.78	A		75.60		21.82	DTCH
11943	553980.8	697067.9	72.05	A		73.60		18.61	DTCH
11944	553981.0	697068.8	72.06	A		73.60		18.44	DTCH
11945	553982.5	697072.5	73.26	A		74.95		20.28	BERM
11947	554027.5	697048.7	74.33	A		76.17		22.12	DTCH
11948	554028.7	697052.5	72.59	A		74.24		19.72	DTCH
11949	554029.2	697053.4	72.60	A		74.24		19.68	DTCH
11950	554030.1	697057.3	73.91	A		75.44		18.34	BERM
11957	554075.6	697033.7	74.95	A		76.75		21.65	DTCH
11958	554076.6	697037.5	72.97	A		74.77		21.61	DTCH
11959	554076.8	697038.5	73.04	A		74.81		21.17	DTCH
11960	554078.2	697042.3	74.43	A		76.08		19.79	BERM
11962	554123.8	697019.3	76.08	A		77.78		20.35	DTCH
11963	554124.6	697023.3	74.23	A		75.85		19.48	DTCH
11964	554124.8	697024.3	74.23	A		75.86		19.58	DTCH
11965	554126.0	697028.1	75.56	A		77.17		19.43	BERM
11972	553700.3	697009.0	88.51	89.62	13.30	89.98	4.26	17.56	TOP
11973	553662.0	696950.1	88.61	89.74	13.54	90.32	7.01	20.54	GRID
11974	553641.0	696899.7	88.42	89.47	12.61	90.09	7.45	20.06	TOP
11975	553621.8	696850.7	87.42	88.45	12.36	88.95	6.08	18.44	TOP
14601	553905.0	696968.7	96.64	97.60	11.52	98.10	6.00	17.52	TIEIN
14602	553888.9	696927.4	97.23	98.51	15.36	99.51	12.00	27.36	TIEIN
14603	553877.2	696902.4	99.08	101.33	27.00	102.43	13.20	40.20	TIEIN
14604	553859.5	696861.1	107.09	108.03	11.28	108.54	6.12	17.40	TIEIN
14605	553838.3	696814.0	107.09	108.01	11.04	108.90	10.68	21.72	TIEIN
14606	553817.2	696778.1	106.56	107.49	11.16	108.39	10.80	21.96	TIEIN
14607	553803.2	696715.4	105.48	106.51	12.36	107.02	6.12	18.48	TIEIN
14608	553755.9	696732.0	96.26	97.82	18.72	98.72	10.80	29.52	TIEIN
14609	553701.5	696753.0	93.48	94.53	12.60	95.22	8.28	20.88	TIEIN
14610	553654.8	696769.8	91.09	92.31	14.64	93.11	9.60	24.24	TIEIN
14611	553658.8	696824.2	91.05	91.92	10.44	92.72	9.60	20.04	TIEIN
14612	553668.2	696873.9	91.18	92.01	9.96	93.01	12.00	21.96	TIEIN
14613	553684.8	696920.0	91.37	92.28	10.92	92.77	5.88	16.80	TIEIN
14614	553713.7	696960.3	91.31	92.04	8.76	93.15	13.32	22.08	TIEIN
14615	553742.8	696998.4	91.20	91.84	7.68	92.84	12.00	19.68	TIEIN
14616	553775.9	696998.7	92.45	92.91	5.52	93.91	12.00	17.52	TIEIN
14617	553822.3	696992.4	94.20	94.81	7.32	95.61	9.60	16.92	TIEIN
14618	553869.5	696980.3	95.65	96.54	10.68	97.14	7.20	17.88	TIEIN
14619	553856.1	696945.9	95.72	97.48	21.12	98.00	6.24	27.36	TOE
14620	553807.3	696962.7	94.74	95.67	11.16	96.17	6.00	17.16	TOE
14621	553751.0	696961.3	92.79	93.80	12.12	94.50	8.40	20.52	TOE
14622	553720.4	696925.7	92.40	93.49	13.08	94.59	13.20	26.28	TOE
14623	553699.8	696880.5	92.29	93.71	17.04	94.51	9.60	26.64	TOE
14624	553704.8	696826.7	92.93	94.26	15.96	95.16	10.80	26.76	TOE
14625	553726.9	696776.2	94.25	95.42	14.04	96.62	14.40	28.44	TOE
14626	553752.4	696744.9	95.78	97.39	19.32	98.38	11.88	31.20	TOE
14627	553801.0	696744.0	105.33	106.23	10.80	106.83	7.20	18.00	TOB
14628	553784.9	696793.4	105.33	106.67	16.08	106.81	1.68	17.76	TOB
14629	553784.4	696841.1	105.30	106.16	10.32	106.75	7.08	17.40	TOB
14630	553793.7	696871.3	104.95	105.94	11.88	106.52	6.96	18.84	TOB
14631	553847.0	696863.8	106.65	107.31	7.92	108.12	9.72	17.64	TOB
15251	552999.4	696398.5	60.57	L		N			R
15252	553000.7	696402.1	60.70	L		N			R
15253	553022.4	696388.3	60.88	L		N			R
15254	553023.0	696390.5	60.91	L		N			R
15255	553042.1	696371.5	67.33	L		N			R
15256	553044.7	696377.2	62.10	L		N			R
15257	553045.4	696379.7	61.98	L		N			R
15258	553048.3	696385.7	67.41	L		N			R
15260	553067.1	696367.9	61.46	L		L		18.36	R
15261	553068.2	696369.5	61.57	L		L		16.10	R
15266	553111.6	696343.4	61.60	L		L		15.73	R
15267	553114.3	696349.2	60.78	L		L		25.04	R
15278	553157.3	696321.7	61.83	L		L		15.12	R
15279	553159.5	696328.7	61.56	L		L		27.52	R
15290	553202.1	696300.8	61.85	L		L		23.14	R
15291	553204.8	696305.7	62.06	L		L		19.08	R
15302	553246.5	696277.6	62.12	L		L		19.27	R
15303	553248.5	696281.8	62.15	L		L		23.38	R
15314	553290.6	696254.6	62.90	L		L		23.84	R
15315	553293.0	696258.9	62.33	L		L		13.51	R
15377	552970.9	696394.5	67.08	L		N			TOP
15378	552993.4	696385.9	71.49	L		N			TOP
15379	553018.4	696379.2	69.04	L		N			TOP
15380	553041.7	696370.6	67.35	L		N			TOP
15489	553209.7	696313.4	68.21	L		L		27.72	TOB
15490	553253.0	696290.5	67.95	N		69.77		21.91	TOB
15491	553297.7	696267.5	68.13	N		69.59		17.46	TOB
15858	553077.1	696353.5	68.19	A		68.88		8.30	TOB
15859	553107.4	696335.8	67.94	A		69.14		14.33	TOB
15860	553154.3	696314.7	67.65	A		69.03		16.58	TOB
15861	553199.7	696295.4	67.20	A		68.14		11.30	TOB
15862	553242.3	696270.7	67.21	A		68.89		20.17	TOB
15863	553287.4	696250.6	66.33	A		68.55		26.69	TOB
15864	553312.8	696233.7	67.71	A		68.88		14.05	TOB
15866	553366.1	696219.5	68.63	A		69.07		5.39	TOB
15867	553317.9	696239.0	64.20	A		64.80		7.25	TOE
15868	553321.2	696243.5	63.56	A		64.48		11.09	TOE
15869	553341.5	696224.7	64.64	A		65.55		10.96	TOE
15870	553342.2	696230.6	64.65	A		65.50		10.12	TOE
15871	553363.0	696234.4	68.23	A		69.63		16.91	TOB
15872	553340.9	696239.1	68.32	A		69.30		11.78	TOB
15873	553325.3	696252.3	68.89	A		70.14		14.92	TOB
16229	553924.7	696302.2	74.71	75.99	15.40	D			BR
16230	553899.7	696314.4	75.12	76.14	12.20	D			BR
16231	553883.5	696321.9	74.96	76.22	15.16	D			BR
16232	553861.9	696322.1	74.34	75.56	14.60	D			BR
16233	553815.3	696343.7	75.16	76.33	14.05	D			BR
16234	553782.1	696372.7	75.14	76.31	14.06	D			BR
16235	553769.1	696383.3	74.89	76.02	13.58	D			BR
16236	553808.4	696354.2	75.51	76.82	15.70	D			TOP
16331	553234.2	696862.0	74.38	75.39	12.12	D			R
16332	553224.0	696895.4	71.39	72.90	18.11	D			E.FAB
16333	553211.4	696870.4	71.68	72.95	15.13	D			E.FAB
16334	553198.2	696849.7	72.17	72.26	1.08	D			E.FAB
16335	553173.0	696794.5	73.30	73.35	0.58	D			E.FAB
16336	553230.8	696770.9	73.23	74.63	16.75	D			E.FAB
16337	553180.9	696815.0	73.99	B		D			GATE
16338	553173.5	696798.3	73.32	B		73.98		7.98	GATE
16339	553195.7	696812.2	73.83	B		75.20		16.50	RD
16340	553206.8	696809.8	74.61	B		75.99		16.61	RD
16341	553229.0	696805.0	75.37	B		76.71		16.10	RD
16342	553250.2	696800.0	75.50	B		76.87		16.46	RD
16343	553277.1	696794.2	76.04	B		77.41		16.44	RD
16344	553272.8	696775.2	75.80	B		77.25		17.45	RD
16345	553245.5	696781.7	75.19	B		76.60		17.03	RD
16346	553224.4	696786.3	74.81	B		76.27		17.57	RD
16347	553203.2	696791.1	74.43	B		75.82		16.67	RD
16516	553649.3	696572.3	77.42	78.45	12.37	D			TOE
16517	553627.4	696626.8	78.32	79.43	13.26	D			TOE
16518	553599.6	696671.5	78.59	79.63	12.42	D			TOE
16519	553568.8	696714.5	78.63	79.75	13.42	D			TOE
16533	553436.3	696684.4	74.27	75.29	12.25	D			BR
16534	553415.2	696710.1	75.05	76.06	12.17	D			BR
16535	553386.4	696719.9	74.53	75.57	12.50	D			BR
16536	553364.4	696711.2	72.67	73.70	12.28	D			BR
16538	553388.0	696693.5	71.53	72.53	12.00	D			BR
16539	553406.7	696674.8	71.31	72.32	12.14	D			BR
16548	553280.2	696744.8	72.95	D		D			LIM-EXC
16551	553740.7	696631.2	95.72	96.74	12.18	D			TOP
16552	553602.5	697156.9	66.65	69.57	35.10	69.86	3.44	38.54	TOE
16553	553610.4	697172.4	65.51	69.45	47.28	D			TOE
16554	553614.1	697170.1	68.27	D		D			TOP
16555	553607.0	697155.3	68.96	69.99	12.38	70.47	5.74	18.12	TOP
16557	553620.9	697180.2	67.87	D		D			R
16571	553367.0	696704.0	69.14	73.13	47.96	D			CLDTCH
16572	553414.8	696678.8	68.69	73.27	54.96	D			CLDTCH
16573	553458.7	696657.8	71.97	76.06	49.03	76.52	5.47	54.50	CLDTCH
16574	553497.8	696636.9	73.29	76.86	42.80	77.43	6.83	49.63	CLDTCH
16575	553617.2	696745.3	84.40	89.39	59.86	89.99	7.22	67.08	CLDTCH
16576	553591.2	696698.4	75.90	80.33	53.23	80.91	6.98	60.22	CLDTCH
16577	553566.0	696645.8	73.79	78.15	52.30	78.68	6.44	58.74	CLDTCH
16578	553534.7	696579.5	72.67	76.27	43.21	76.84	6.88	50.09	CLDTCH
16619	553295.3	696740.3	70.02	74.56	54.48	D			CLDTCH
16620	553547.5	696610.5	72.58	76.80	50.62	77.62	9.77	60.38	CLDTCH
16625	553286.1	696990.1	68.20	71.73	42.46	D			TOE
16628	553285.6	696989.2	70.94	71.95	12.05	D			TOB
16631	553828.1	696543.8	95.21	96.34	13.61	D			TOP
16632	553859.9	696551.8	95.77	96.83	12.71	D			TOP
16633	553801.5	696425.2	76.77	L		D			TOE
16634	553850.2	696411.4	76.70	77.74	12.50	D			TOE
16636	553919.7	696382.3	77.36	78.84	17.77	D			SL-TOE
16637	553931.0	696420.4	80.06	81.88	21.85	D			SL-TOE
16638	553979.9	696428.0	83.79	86.04	26.98	D			SL-TOE
16651	554009.1	696461.3	85.10	86.84	20.81	D			TOE
16691	553529.3	696569.1	71.83	75.98	49.78	76.48	6.00	55.78	CLDTCH
16692	553508.7	696527.3	70.56	75.39	57.97	75.77	4.51	62.48	CLDTCH
16693	553497.2	696503.5	70.92	75.36	53.39	75.92	6.65	60.04	CLDTCH
16766	553494.5	696501.8	69.20	75.39	74.28	75.99	7.26	81.54	CLDTCH
16790	553445.5	696403.6	70.01	72.10	25.06	D			TRAN
16792	553275.3	696738.2	72.57	73.64	12.84	D			TRAN
19354	553949.1	696277.2	74.42	75.70	15.42	D			C76
19355	553908.0	696307.1	74.60	75.89	15.40	D			C76
19356	553860.5	696321.4	74.20	75.46	15.12	D			C76
19357	553811.7	696337.2	74.06	75.10	12.48	D			C76

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev.	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
19358	553774.0	696374.6	74.67	75.86	14.29	D			C76
19359	553742.3	696424.3	75.00	76.10	13.26	D			C76
19360	553703.1	696458.6	74.40	75.64	14.92	D			C76
19361	553661.9	696488.4	74.54	75.63	13.08	D			C76
19362	553618.3	696513.3	74.45	75.52	12.89	D			C76
19363	553554.9	696527.1	74.38	75.49	13.36	D			C76
21141	554149.9	696950.0	77.64	78.67	12.30	79.23	6.77	19.07	GRID
21142	554149.9	697000.0	77.24	78.29	12.54	78.66	4.49	17.03	GRID
21161	554099.9	696800.0	86.04	87.05	12.23	87.43	4.51	16.74	GRID
21162	554100.1	696850.1	85.53	86.62	13.13	87.16	6.37	19.50	GRID
21163	554100.0	696900.0	84.88	86.16	15.34	86.70	6.54	21.88	GRID
21164	554099.8	696950.0	84.54	85.55	12.14	85.96	4.93	17.08	GRID
21166	554099.9	697000.0	80.75	81.78	12.31	82.17	4.66	16.97	GRID
21180	554050.0	696600.0	88.25	89.27	12.26	D			GRID
21181	554049.9	696649.9	91.77	92.80	12.34	D			GRID
21182	554049.9	696699.9	94.73	95.77	12.56	96.21	5.27	17.83	GRID
21183	554049.9	696749.9	95.08	96.13	12.58	96.49	4.40	16.98	GRID
21184	554050.0	696800.0	94.96	95.98	12.19	96.51	6.40	18.59	GRID
21185	554050.0	696850.0	94.78	95.81	12.29	96.27	5.59	17.88	GRID
21186	554049.9	696900.0	94.45	95.51	12.76	95.86	4.20	16.96	GRID
21187	554049.9	696950.0	93.03	94.06	12.29	94.44	4.63	16.92	GRID
21200	553999.9	696450.0	84.95	87.28	27.94	D			GRID
21201	554000.3	696500.1	85.68	86.73	12.61	D			GRID
21202	554000.2	696550.1	88.28	89.43	13.76	D			GRID
21203	554000.2	696600.1	91.04	92.13	13.09	D			GRID
21204	553999.7	696650.0	94.61	95.72	13.34	D			GRID
21205	554000.7	696700.1	97.37	98.43	12.71	99.01	6.98	19.69	GRID
21206	553999.7	696749.8	98.67	99.70	12.31	100.14	5.29	17.60	GRID
21207	553999.9	696799.9	98.92	100.12	14.40	100.51	4.63	19.03	GRID
21208	553999.9	696850.0	98.84	99.90	12.68	100.49	7.06	19.74	GRID
21209	554000.1	696900.0	97.96	99.01	12.66	99.38	4.36	17.02	GRID
21210	554000.2	696950.0	96.00	97.06	12.72	97.46	4.74	17.46	GRID
21211	554000.1	697000.0	87.65	88.80	13.85	89.17	4.33	18.18	GRID
21215	553950.1	696400.0	80.79	82.32	18.37	D			GRID
21216	553949.6	696449.9	83.62	85.30	20.11	D			GRID
21217	553949.8	696499.9	86.96	88.52	18.64	D			GRID
21218	553949.8	696549.9	91.21	92.48	15.20	D			GRID
21219	553950.2	696600.1	94.61	95.71	13.12	D			GRID
21220	553950.0	696650.0	97.19	98.34	13.80	D			GRID
21221	553950.3	696700.1	99.23	L					GRID
21222	553950.2	696750.1	101.24	102.45	14.48	102.78	4.07	18.55	GRID
21223	553949.9	696800.0	107.16	L		108.51		16.20	GRID
21224	553950.1	696850.0	99.92	100.97	12.50	101.45	5.77	18.28	GRID
21225	553950.3	696900.0	98.70	99.74	12.48	100.13	4.70	17.18	GRID
21226	553950.2	696950.0	97.60	98.63	12.36	99.07	5.33	17.69	GRID
21227	553950.2	697000.0	90.99	92.08	13.13	92.56	5.77	18.90	GRID
21229	553899.9	696400.0	77.56	78.65	13.09	D			GRID
21230	553900.0	696450.0	81.73	83.26	18.36	D			GRID
21231	553900.1	696500.0	87.77	89.24	17.66	D			GRID
21232	553899.7	696549.9	94.58	95.64	12.70	D			GRID
21233	553899.9	696600.0	96.58	97.80	14.64	D			GRID
21234	553900.0	696650.0	98.78	L		100.21		17.16	GRID
21235	553900.1	696700.0	99.94	100.96	12.34	101.68	8.54	20.88	GRID
21236	553900.2	696750.1	107.45	L		108.90		17.40	GRID
21237	553900.2	696800.1	107.80	L		109.30		18.00	GRID
21238	553900.1	696850.0	107.56	L		109.06		18.00	GRID
21239	553900.0	696900.0	97.53	98.57	12.53	99.10	6.35	18.88	GRID
21240	553900.1	696950.0	96.60	97.61	12.12	98.40	21.60	21.60	GRID
21241	553899.8	697000.0	93.82	94.96	13.66	95.35	4.70	18.36	GRID
21244	553850.1	696450.0	80.22	81.74	18.29	D			GRID
21245	553850.0	696500.0	88.15	89.24	13.00	D			GRID
21247	553850.4	696599.9	97.61	98.64	12.36	L			GRID
21248	553849.6	696650.1	98.97	100.08	13.28	D			GRID
21249	553849.6	696699.9	107.08	L		108.45		16.44	GRID
21250	553850.3	696750.1	107.15	L		108.66		18.12	GRID
21251	553849.7	696799.9	107.45	L		109.40		23.40	GRID
21252	553850.1	696850.0	107.73	108.20	5.64	109.22	12.24	17.88	GRID
21253	553850.3	696900.0	101.08	102.15	12.84	103.16	12.12	24.96	GRID
21254	553850.1	696950.0	95.45	97.03	18.96	97.72	8.28	27.24	GRID
21255	553849.8	697000.0	95.14	96.18	12.48	96.56	4.54	17.02	GRID
21256	553850.0	697050.0	84.84	85.61	9.24	86.18	6.89	16.13	GRID
21258	553800.0	696450.0	78.49	79.51	12.30	D			GRID
21259	553800.1	696500.0	87.73	88.79	12.74	D			GRID
21260	553800.1	696549.6	95.64	96.68	12.58	D			GRID
21261	553800.1	696600.0	96.88	97.98	13.18	98.32	4.07	17.24	GRID
21262	553800.3	696650.2	97.49	98.63	13.68	D			GRID
21263	553799.7	696700.3	96.91	98.15	14.90	98.82	8.02	22.92	GRID
21264	553800.4	696750.2	105.29	106.12	9.96	106.91	9.48	19.44	GRID
21265	553799.6	696799.9	106.35	107.00	7.80	107.72	8.64	16.44	GRID
21266	553800.2	696850.1	105.99	106.63	7.68	107.53	10.80	18.48	GRID
21267	553800.2	696900.0	102.51	103.43	11.04	103.93	6.00	17.04	GRID
21268	553800.1	696950.0	95.88	96.62	8.88	97.22	7.20	16.08	GRID
21269	553800.1	697000.0	93.57	94.59	12.31	94.99	4.84	17.15	GRID
21270	553799.9	697050.0	85.09	86.15	12.74	86.50	4.19	16.93	GRID
21272	553749.9	696450.0	76.55	77.64	13.07	D			GRID
21273	553749.5	696500.1	83.26	84.42	13.86	D			GRID
21274	553749.6	696550.2	90.24	91.33	13.06	D			GRID
21276	553750.0	696649.9	96.16	97.17	12.14	D			GRID
21277	553749.6	696700.1	95.71	96.73	12.26	97.15	5.02	17.28	GRID
21278	553749.8	696749.9	96.07	97.23	13.92	98.24	12.12	26.04	GRID
21279	553750.2	696800.0	98.97	99.85	10.56	100.75	10.80	21.36	GRID
21280	553750.2	696850.0	100.12	101.16	12.48	101.66	6.00	18.48	GRID
21281	553750.1	696900.0	97.75	98.84	13.08	99.34	6.00	19.08	GRID
21282	553750.4	696950.0	93.50	94.40	10.80	95.10	8.40	19.20	GRID
21283	553749.9	697000.2	91.53	L		93.04		18.12	GRID
21284	553749.9	697050.0	83.20	84.25	12.61	84.63	4.58	17.20	GRID
21286	553700.0	696500.0	77.50	78.56	12.73	D			GRID
21287	553700.1	696550.0	82.81	83.98	13.98	D			GRID
21288	553699.9	696600.0	87.05	88.20	13.82	D			GRID
21246	553849.6	696549.8	95.81	96.89	12.96	D			GRID
21289	553699.7	696650.2	91.28	92.38	13.26	92.78	4.76	18.02	GRID
21291	553699.8	696750.1	93.61	94.63	12.23	95.07	5.29	17.52	GRID
21292	553699.5	696799.9	92.83	93.94	13.32	94.64	8.40	21.72	GRID
21293	553699.9	696850.0	92.68	93.91	14.76	94.81	10.80	25.56	GRID
21294	553700.0	696900.0	92.27	93.35	12.96	94.05	8.40	21.36	GRID
21295	553699.9	696950.1	91.16	92.21	12.65	92.57	4.32	16.97	GRID
21296	553700.1	697000.2	89.86	90.90	12.44	91.35	5.34	17.78	GRID
21297	553699.8	697050.1	81.62	82.77	13.80	83.16	4.64	18.44	GRID
21298	553700.1	697100.0	77.67	78.76	13.08	79.26	5.96	19.04	GRID
21299	553649.9	696500.0	74.67	75.70	12.43	D			GRID
21300	553649.8	696550.0	76.82	77.91	13.01	D			GRID
21301	553649.7	696600.0	78.44	79.51	12.80	D			GRID
21302	553650.0	696650.0	83.59	84.65	12.80	85.21	6.64	19.44	GRID
21303	553649.8	696699.9	89.21	90.47	15.16	D			GRID
21304	553650.0	696750.0	90.64	91.71	12.80	92.28	6.89	19.69	GRID
21305	553650.0	696800.0	91.03	92.11	13.02	D			GRID
21306	553649.8	696850.5	90.78	91.82	12.48	92.31	5.89	18.37	GRID
21307	553649.9	696900.3	90.28	90.85	6.85	91.70	10.14	16.99	GRID
21308	553649.9	696950.1	86.37	87.46	13.12	88.08	7.42	20.53	GRID
21309	553650.0	697000.0	82.48	83.51	12.41	83.94	5.18	17.59	GRID
21310	553649.8	697050.2	78.37	79.51	13.67	79.90	4.69	18.36	GRID
21311	553650.0	697100.0	75.94	76.97	12.31	77.49	6.19	18.50	GRID
21312	553600.0	696550.0	75.44	76.52	12.96	D			GRID
21313	553599.8	696600.0	76.85	77.89	12.52	D			GRID
21314	553600.1	696650.0	78.07	79.15	12.97	D			GRID
21315	553600.0	696700.0	80.20	81.38	14.24	D			GRID
21316	553600.0	696750.0	85.86	86.90	12.52	D			GRID
21318	553600.0	696849.9	84.20	85.25	12.59	85.63	4.55	17.14	GRID
21319	553600.0	696900.1	82.00	83.01	12.11	83.51	5.96	18.07	GRID
21320	553599.9	696950.2	79.52	80.55	12.38	80.92	4.42	16.80	GRID
21321	553600.0	696999.9	76.89	77.91	12.20	78.26	4.25	16.45	GRID
21322	553599.9	697050.2	74.56	75.62	12.76	75.99	4.44	17.20	GRID
21323	553600.0	697100.0	72.25	73.40	13.84	73.82	5.00	18.84	GRID
21324	553549.9	696550.0	74.90	76.03	13.56	D			GRID
21325	553550.0	696600.0	75.92	77.01	13.08	D			GRID
21326	553550.0	696650.0	76.96	78.12	13.92	D			GRID
21327	553549.9	696700.0	78.15	79.17	12.23	D			GRID
21328	553550.2	696750.2	79.96	81.10	13.76	D			GRID
21330	553550.0	696850.2	80.50	81.60	13.22	82.13	6.31	19.54	GRID
21331	553550.0	696900.0	78.07	79.08	12.10	79.55	5.64	17.74	GRID
21332	553550.0	696950.0	75.32	76.41	13.03	76.77	4.27	17.30	GRID
21333	553550.0	696999.8	72.52	73.61	13.09	73.97	4.31	17.40	GRID
21337	553499.9	696649.9	76.27	77.40	13.56	D			GRID
21338	553500.1	696700.1	77.11	78.30	14.30	D			GRID
21339	553500.0	696749.9	78.57	79.59	12.24	D			GRID
21341	553500.0	696850.3	78.15	79.32	14.15	79.67	4.10	18.25	GRID
21342	553500.0	696900.1	74.74	75.89	13.78	76.36	5.64	19.42	GRID
21346	553450.2	696700.3	75.77	76.89	13.55	D			GRID
21347	553450.1	696750.1	77.29	78.44	13.86	D			GRID
21348	553450.0	696799.9	77.80	78.80	12.02	D			GRID
21349	553450.0	696850.0	76.82	77.89	12.89	D			GRID
21350	553450.0	696900.1	73.79	74.84	12.55	75.34	6.00	18.55	GRID
21356	553400.0	696750.0	76.68	77.78	13.18	D			GRID
21357	553400.0	696800.1	77.14	78.16	12.26	D			GRID
21358	553400.0	696850.0	76.38	77.52	13.68	D			GRID
21359	553400.0	696900.0	75.46	76.49	12.37	D			GRID
21360	553349.9	696749.9	76.12	76.90	9.41	D			GRID
21361	553350.1	696800.1	76.62	77.64	12.22	D			GRID
21362	553349.9	696850.0	75.87	76.97	13.27	D			GRID
21363	553349.8	696900.0	75.27	76.28	12.08	D			GRID
21364	553350.1	696950.0	72.18	73.38	14.45	73.76	4.51	18.96	GRID
21366	553300.0	696800.0	76.04	77.06	12.18	D			GRID
21367	553300.3	696850.1	75.30	76.47	14.08	D			GRID
21368	553299.9	696900.0	74.98	76.03	12.55	D			GRID
21369	553300.1	696950.0	74.02	75.06	12.46	D			GRID
21370	553249.9	696850.0	74.89	76.08	14.29	D			GRID
21371	553250.0	696900.0	74.08	75.11	12.41	D			GRID
21394	553314.9	696765.4	76.21	B		77.82		19.32	RD
21396	553322.2	696783.6	76.18	B		77.69		18.07	RD
21397	553334.1	696760.9	76.39	77.08	8.21	77.87	9.47	17.68	RD

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev.	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish Grade Elev. Feet	Finish Grade Depth Inches	Total Depth Inches	Desc.
21399	553335.2	696780.8	76.39	76.92	6.38	77.98	12.77	19.15	RD
21400	553345.8	696761.4	76.32	76.90	7.00	77.90	11.99	18.98	RD
21402	553343.1	696781.2	76.34	77.01	8.05	77.97	11.45	19.50	RD
21403	553356.0	696762.9	76.57	77.17	7.22	78.03	10.34	17.57	RD
21405	553353.1	696782.3	76.66	77.16	6.10	78.06	10.78	16.87	RD
21406	553405.4	696769.3	77.24	77.88	7.60	78.68	9.65	17.24	RD
21408	553402.7	696789.2	77.24	77.76	6.22	78.74	11.70	17.92	RD
21409	553430.1	696772.6	77.52	78.12	7.14	79.03	10.97	18.11	RD
21411	553427.6	696792.8	77.49	78.11	7.46	79.14	12.36	19.82	RD
21412	553455.0	696776.2	77.98	78.55	6.77	79.45	10.82	17.59	RD
21414	553452.4	696796.2	77.80	78.40	7.16	79.53	13.56	20.72	RD
21416	553504.4	696782.8	79.60	80.20	7.21	81.24	12.54	19.75	RD
21418	553501.8	696802.8	79.66	80.21	6.64	81.38	13.99	20.63	RD
21421	553544.9	696788.4	81.86	82.43	6.83	83.44	12.06	18.89	RD
21423	553542.2	696808.3	81.93	82.44	6.02	83.47	12.42	18.44	RD
21425	553555.2	696848.9	80.80	81.92	13.48	82.51	7.07	20.54	DSGN
21427	553560.1	696787.6	83.23	83.73	6.00	84.81	13.01	19.01	RD
21429	553565.1	696807.1	83.54	84.06	6.16	85.11	12.68	18.84	RD
21430	553575.0	696845.7	81.96	83.03	12.86	83.39	4.36	17.22	DSGN
21431	553595.2	696842.6	83.57	84.71	13.73	85.19	5.68	19.40	DSGN
21433	553574.2	696781.4	84.54	85.04	5.93	86.21	14.10	20.03	RD
21435	553585.9	696797.4	85.10	85.64	6.46	86.64	12.00	18.46	RD
21438	553590.8	696768.9	86.32	86.86	6.38	87.89	12.44	18.83	RD
21440	553602.5	696785.0	86.73	87.31	6.88	88.35	12.48	19.36	RD
21441	553614.2	696801.0	87.01	88.26	14.93	88.86	7.26	22.19	DSGN
21443	553631.3	696739.5	90.24	90.86	7.39	91.91	12.67	20.06	RD
21445	553642.9	696755.5	90.10	90.79	8.26	91.75	11.51	19.76	RD
21448	553671.5	696709.9	92.84	93.46	7.40	94.61	13.87	21.28	RD
21450	553683.2	696726.0	93.23	93.89	7.90	94.84	11.35	19.25	RD
21458	553711.6	696680.3	94.47	95.06	7.16	96.15	13.10	20.27	RD
21460	553723.7	696696.5	94.91	95.57	7.91	96.55	11.75	19.66	RD
21462	553731.9	696665.6	94.95	95.59	7.72	96.93	16.14	23.86	RD
21464	553743.6	696681.7	95.44	96.08	7.70	97.22	13.66	21.36	RD
21470	553769.1	696638.4	96.65	97.27	7.45	98.31	12.41	19.86	RD
21472	553780.7	696654.5	96.91	97.67	9.07	98.56	10.68	19.75	RD
21483	553817.0	697046.8	86.12	87.20	12.90	87.64	5.29	18.19	TOP
21484	553857.8	697004.9	94.37	95.48	13.33	95.87	4.72	18.05	TOP
21485	553905.3	696986.3	96.41	97.45	12.53	97.99	6.47	19.00	TOP
21486	553951.0	696974.3	96.75	97.80	12.68	98.23	5.11	17.80	TOP
21487	554000.0	696961.5	95.93	96.98	12.66	97.37	4.68	17.34	TOP
21992	553225.7	696865.3	73.70	74.72	12.25	D			EZ
21993	553213.3	696843.1	73.22	74.50	15.36	D			EZ
21994	553188.6	696799.5	73.55	B		74.97		17.00	EZ
21995	553232.5	696775.6	74.00	75.19	14.22	D			EZ
21996	553276.3	696749.2	72.87	74.49	19.44	D			EZ

TABLE REMARKS

A	IN RIP RAP– SUBGRADE AND FINISH GRADE ONLY
B	IN GRAVEL ROAD– SUBGRADE AND FINISH GRADE ONLY
C	CULVERT– ONLY SUBGRADE AND FINISH GRADE
D	REMEDIATION IN PROGRESS
E	UNABLE TO COLLECT
F	ON CLAY BERM– NO SUBGRADE
G	BOX CULVERT SUBGRADE ONLY
H	TOP/TOE OF UTILITY CORRIDOR– SUBGRADE ONLY
I	CREATED WETLANDS STREAM– SEE COVER GRADE
J	FINISH GRADE ON CONCRETE WEIR
K	NO "TEWKSBURY" LOAM APPLIED
L	NOT COLLECTED
M	OUTSIDE LIMIT OF CLAY GRADE
N	UNDER WATER
P	AT TRANSITION– NO COVER GRADE
Q	IN GRAVEL ROAD– SEE ADJACENT SUBGRADE
R	IN GRAVEL ROAD– SEE ADJACENT FINISH GRADE
S	IN GRAVEL ROAD AT UTILITY CORRIDOR– NO SUBGRADE

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
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

GRAPHIC SCALE

50' 25' 0 50' 100' 150'

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: 3 OLD NASHUA RD, SUITE 2, AMHERST, N.H. 03031 TEL 603-673-1441 FAX 603-673-1584
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ENGINEERS - LAND SURVEYORS - SCIENTISTS - LAND PLANNERS

DESIGNED BY:

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603-668-0880 • FAX 603-668-1199

PROJECT RECORD (LOTS 10-1-9, 11 & 12)

RECORD POINTS CHART (E.C.H.P.)

INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

SCALE: 1" = 50'

AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 290011I4.dwg
DO NOT SCALE DRAWING

C-14
SHEET NO.

PROJECT: 2900.00

SHEET 4 OF 8

Sep 26, 2008 - 8:11am dbh Land Desktop 2004 - LDT4
H:\mls\02900-0-AB\2900.11\AS-BUILTS\0-PARCEL-1\

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev. Feet	Clay Grade Elev. Feet	Clay Grade Depth Inches	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish 1 Grade Elev. Feet	Finish 1 Grade Depth Inches	Finish 2 Grade Elev. Feet	Finish 2 Grade Depth Inches	Total Depth Inches	Desc.
19241	553900.1	696100.0	68.22	68.89	8.06	69.67	9.32	70.50	9.98	71.01	6.12	33.49	GRID
19242	553900.0	696150.0	66.69	67.66	11.54	68.36	8.48	68.80	5.20	69.35	6.62	31.85	GRID
19243	553899.9	696200.0	66.46	67.33	10.49	68.11	9.30	68.39	3.37	68.90	6.11	29.27	GRID
19244	553900.0	696250.0	67.17	68.10	11.15	68.86	9.10	69.65	9.46	69.97	3.84	33.54	GRID
19246	553850.2	696249.9	66.38	67.24	10.36	67.92	8.12	68.13	2.51	68.65	6.24	27.23	GRID
19247	553850.3	696199.9	65.95	66.64	8.24	67.34	8.42	67.64	3.55	68.04	4.87	25.09	GRID
19248	553850.3	696150.0	65.81	66.63	9.73	67.21	6.97	67.56	4.24	68.07	6.14	27.08	GRID
19249	553850.2	696100.1	65.94	66.97	12.38	67.51	6.49	68.06	6.54	68.60	6.50	31.92	GRID
19250	553850.2	696050.1	66.97	M		68.24		68.86	7.48	69.32	5.54	28.30	GRID
19251	553800.1	696050.0	68.48	M		69.54		69.97	5.15	70.58	7.34	25.21	GRID
19252	553800.1	696100.0	66.28	67.19	10.92	67.67	5.77	68.08	4.91	68.63	6.62	28.22	GRID
19253	553800.0	696150.0	65.15	66.09	11.23	66.52	5.22	66.89	4.43	67.40	6.16	27.04	GRID
19254	553800.2	696200.0	65.26	66.22	11.52	67.02	9.59	67.31	3.47	67.81	6.01	30.59	GRID
19255	553800.1	696250.0	65.84	66.36	6.22	66.91	6.71	67.30	4.63	67.83	6.35	23.90	GRID
19256	553800.2	696299.9	65.88	67.07	14.26	67.35	3.44	67.92	6.82	68.47	6.59	31.10	GRID
19258	553749.8	696350.1	66.38	67.33	11.32	68.10	9.30	68.90	9.62	69.06	1.88	32.12	GRID
19259	553750.3	696299.9	65.55	66.28	8.75	67.01	8.86	67.43	4.94	68.67	14.88	37.43	GRID
19260	553750.2	696249.9	65.26	66.14	10.55	66.70	6.72	67.22	6.30	67.74	6.19	29.76	GRID
19261	553749.9	696200.0	64.87	65.77	10.80	66.29	6.24	66.70	5.02	67.26	6.72	28.78	GRID
19262	553750.1	696150.0	64.91	65.76	10.27	66.36	7.20	66.78	5.04	67.29	6.10	28.61	GRID
19263	553750.0	696100.0	67.42	68.35	11.15	68.89	6.52	69.35	5.54	69.49	1.60	24.80	GRID
19264	553699.8	696100.0	68.33	M		69.43		70.03	7.19	70.31	3.44	23.78	GRID
19265	553700.1	696150.0	64.72	65.41	8.28	66.21	9.50	66.41	2.46	67.00	7.01	27.25	GRID
19266	553700.3	696200.0	64.80	65.57	9.20	65.85	3.40	66.33	5.83	66.97	7.60	26.03	GRID
19267	553700.1	696250.0	65.15	66.07	11.03	66.52	5.38	67.07	6.61	67.60	6.43	29.45	GRID
19268	553700.0	696300.0	65.76	66.46	8.45	66.58	1.33	66.95	4.54	67.65	8.32	22.63	GRID
19269	553700.1	696350.0	65.73	66.43	8.40	66.53	1.22	K		66.93		14.46	GRID
19270	553700.1	696399.9	65.59	66.53	11.23	67.64	13.39	68.20	6.76	68.90	8.36	39.74	GRID
19271	553650.1	696399.9	65.94	66.73	9.48	67.27	6.48	K		67.48		18.42	GRID
19272	553649.8	696350.0	65.99	66.71	8.60	66.94	2.80	67.57	7.56	68.08	6.10	25.06	GRID
19273	553649.9	696300.0	65.68	66.40	8.68	66.98	6.92	67.28	3.59	68.04	9.20	28.39	GRID
19274	553650.4	696249.9	65.17	66.03	10.33	66.52	5.87	66.82	3.50	67.32	6.02	25.73	GRID
19275	553650.0	696200.0	64.99	65.70	8.50	66.24	6.50	66.58	4.06	67.12	6.53	25.58	GRID
19276	553650.0	696150.0	67.44	68.26	9.85	68.90	7.58	69.43	6.41	69.64	2.50	26.34	GRID
19277	553599.9	696150.0	68.30	M		69.63		69.94	3.71	70.73	9.46	29.14	GRID
19278	553599.9	696200.1	65.02	65.89	10.42	66.76	10.51	67.12	4.32	67.64	6.26	31.51	GRID
19279	553599.9	696250.1	65.79	66.60	9.62	67.05	5.41	67.32	3.25	67.82	6.01	24.30	GRID
19280	553600.1	696300.0	66.96	67.85	10.67	68.84	11.88	68.93	1.07	69.74	9.70	33.31	GRID
19281	553600.0	696350.0	65.85	66.55	8.40	67.24	8.21	67.32	1.04	67.86	6.46	24.11	GRID
19282	553600.1	696400.0	65.98	66.88	10.81	67.32	5.30	67.50	2.15	68.29	9.44	27.71	GRID
19283	553599.8	696449.9	66.93	67.91	11.70	68.68	9.20	69.02	4.12	69.18	1.88	26.90	GRID
19284	553549.9	696450.0	67.71	68.57	10.39	69.24	7.99	69.63	4.74	69.64	0.01	23.14	GRID
19285	553550.0	696400.0	65.99	66.87	10.58	67.49	7.42	67.70	2.53	68.48	9.34	29.87	GRID
19286	553550.0	696350.0	65.80	66.58	9.28	67.22	7.69	67.49	3.32	67.76	3.22	23.51	GRID
19287	553550.1	696300.0	65.81	66.62	9.76	67.17	6.60	67.35	2.16	67.98	7.61	26.12	GRID
19288	553550.1	696249.9	66.80	67.61	9.61	68.13	6.32	68.32	2.21	69.20	10.55	28.69	GRID
19289	553550.0	696200.0	67.10	67.99	10.72	68.89	10.80	69.19	3.61	69.81	7.37	32.50	GRID
19290	553499.8	696200.4	68.22	M		69.81		70.16	4.27	70.54	4.57	27.84	GRID
19291	553500.1	696249.9	65.75	66.67	10.98	67.11	5.38	67.45	4.00	67.86	4.97	25.32	GRID
19292	553499.8	696300.1	65.77	66.73	11.51	67.01	3.37	67.17	1.86	67.81	7.73	24.47	GRID
19293	553500.2	696350.0	65.80	66.71	10.93	67.36	7.87	67.53	1.97	68.81	15.41	36.18	GRID
19294	553500.0	696400.0	66.42	67.40	11.72	68.19	9.52	68.61	5.08	69.14	6.36	32.68	GRID
19295	553450.0	696299.9	67.56	68.30	8.82	68.63	3.95	68.98	4.21	69.42	5.33	22.31	GRID
19296	553450.0	696250.0	67.39	68.10	8.52	68.71	7.34	68.87	1.94	70.33	17.47	35.28	GRID
19348	553950.0	696250.0	72.60	M		75.01		K		75.47		34.44	GRID
19352	553750.1	696399.9	73.33	M		74.92		K		74.96		19.46	GRID
19364	553548.7	696424.8	65.99	66.95	11.52	67.92	11.59	68.16	2.93	69.08	10.99	37.03	C68
19365	553929.2	696184.8	68.61	69.35	8.94	70.67	15.86	70.96	3.46	71.18	2.65	30.91	C69
19500	553363.7	696208.6	69.41	D		D		K		D			C71
19501	553408.8	696187.2	69.19	D		D		K		D			C71
19502	553454.1	696165.9	69.50	D		D		K		D			C71
19503	553499.6	696144.5	69.33	D		D		K		D			C71
19504	553544.7	696123.1	69.24	D		D		K		D			C71
19505	553589.8	696101.8	69.38	D		D		K		D			C71
19506	553635.1	696080.4	69.35	D		D		K		D			C71
19507	553680.3	696059.0	69.40	D		D		K		D			C71
19508	553725.5	696037.7	69.58	D		D		K		D			C71
19509	553770.6	696016.3	69.44	D		D		K		D			C71
19510	553815.9	695995.0	69.21	D		D		K		D			C71
19513	553384.1	696254.6	68.85	70.59	20.88	P		K		70.93			
19514	553404.4	696300.6	J	70.65		P		K		71.14			
19515	553424.6	696345.7	72.59	73.28	8.35	P		K		73.61			
19516	553444.9	696391.1	J	71.17		P		K		71.70			
19517	553878.5	696000.6	68.84	69.14	3.56	P		K		D			
19518	553885.6	696006.4	66.60	67.08	5.75	67.55	5.60	K		67.54		11.29*	C69
19523	553474.2	696378.1	68.71	70.14	17.20	F		K		71.14		29.18	TOE
19524	553453.6	696332.9	73.07	73.69	7.36	F		K		74.69		19.40	TOE
19525	553433.6	696287.0	68.97	71.93	35.54	F		K		72.68		44.50	TOE
19526	553413.3	696241.3	68.89	72.24	40.30	F		K		72.65		45.20	TOE
19527	553405.7	696224.1	68.92	72.05	37.56	F		K		72.58		43.94	TOE
19528	553422.6	696216.3	68.86	70.19	16.00	F		K		71.30		29.26	TOE
19529	553467.8	696194.9	68.98	69.87	10.62	F		K		71.04		24.65	TOE
19530	553513.1	696173.4	68.95	70.00	12.67	F		K		71.03		24.97	TOE
19531	553558.3	696152.1	68.94	70.67	20.70	F		K		71.01		24.79	TOE
19532	553603.4	696130.7	68.81	70.25	17.27	F		K		71.02		26.57	TOE
19533	553648.5	696109.3	68.83	70.17	16.09	F		K		71.03		26.41	TOE
19534	553693.7	696087.9	68.83	69.94	13.37	F		K		71.04		26.59	TOE
19535	553738.9	696066.5	68.81	70.25	17.28	F		K		71.12		27.78	TOE
19536	553784.4	696045.3	68.86	70.45	19.09	F		K		71.23		28.48	TOE
19537	553829.5	696023.8	68.95	70.25	15.65	F		K		71.11		25.96	TOE
19541	553870.7	695984.0	F	73.75		F		K		75.11			TOP
19542	553872.8	695988.6	F	73.20		F		K		74.21			TOP
19543	553823.8	696011.5	F	74.38		F		K		75.57			TOP
19544	553821.7	696007.0	F	74.55		F		K		75.61			TOP
19545	553778.6	696032.9	F	74.86		F		K		75.73			TOP
19546	553776.4	696028.4	F	74.74		F		K		75.70			TOP
19547	553731.2	696049.8	F	74.59		F		K		75.55			TOP
19548	553733.5	696054.2	F	74.53		F		K		75.77			TOP
19549	553688.0	696075.8	F	73.93		F		K		75.80			TOP
19550	553686.0	696071.2	F	74.05		F		K		75.53			TOP
19551	553597.9	696118.3	F	74.03		F		K		75.54			TOP
19552	553595.5	696114.0	F	74.32		F		K		75.52			TOP
19553	553550.1	696135.7	F	74.15		F		K		75.59			TOP
19554	553552.5	696139.8	F	73.92		F		K		75.51			TOP
19555	553507.4	696161.0	F	73.83		F		K		75.52			TOP
19556	553505.2	696156.6	F	74.40		F		K		75.54			TOP
19557	553459.9	696178.1	F	74.49		F		K		75.59			TOP
19558	553462.1	696182.5	F	74.01		F		K		75.51			TOP
19559	553416.9	696203.9	F	73.99		F		K		75.51			TOP
19560	553414.8	696199.1	F	74.18		F		K		75.59			TOP
19562	553388.0	696217.4	F	74.48		F		K		75.60			TOP
19563	553400.9	696247.0	F	74.09		F		K		75.58			TOP
19564	553396.4	696248.9	F	74.29		F		K		75.54			TOP
19565	553417.0	696294.3	F	74.29		F		K		75.60			TOP
19566	553421.4	696292.4	F	74.40		F		K		75.56			TOP
19567	553441.8	696338.1	F	76.33		F		K		77.47			TOP
19568	553437.0	696340.2	F	76.32		F		K		77.58			TOP
19569	553457.3	696385.6	F	74.46		F		K		74.67			TOP
19570	553461.6	696383.5	F	74.35		F		K		74.83			TOP
19578	553642.9	696097.1	F	73.87		F		K		75.59			TOP
19579	553640.6	696092.7	F	74.71		F		K		75.71			TOP
19599	553579.4	696198.8	65.89	66.86	11.64	67.82	11.59	68.21	4.63	68.74	6.38	34.25	C68
19606	553578.7	696195.5	66.89	67.61	8.60	68.17	6.74	68.57	4.80	69.07	6.01	26.16	C69
19607	553623.9	696174.1	66.78	67.48	8.41	68.07	7.04	68.37	3.60	68.52	1.88	20.94	C69
19608	553669.2	696152.7	66.75	67.49	8.82	67.84	4.28	68.24	4.78	68.32	0.94	18.82	C69
19609	553714.3	696131.3	66.77	67.53	9.06	J		K		68.61		22.03	C69
19610	553759.7	696110.0	66.58	67.70	13.37	68.18	5.81	68.34	1.91	68.48	1.67	22.75	C69
19611	553804.6	696088.5	66.83	68.13	15.56	68.39	3.06	68.64	3.10	69.17	6.28	28.00	C69
19612	553826.5	696078.3	66.93	68.09	13.88	68.44	4.19	68.71	3.30	69.01	3.55	24.92	C69
19613	553865.1	696031.1	66.58	67.23	7.81	67.81	6.92	68.11	3.65	68.45	4.13	22.51	C69
19620	553755.9	696335.5	65.82	66.64	9.85	67.65	12.12	68.43	9.40	68.60	1.96	33.32	C68
19621	553718.9	696374.9	65.78	66.49	8.53	67.16	8.03	67.71	6.58	68.52	9.76	32.89	C68
19622	553676.5	696402.7	65.82	66.54	8.57	66.97	5.22	67.36	4.64	68.63	15.31	33.74	C68
19623	553683.9	696417.8	66.80	67.53	8.71	68.34	9.67	68.84	6.10	69.77	11.08	35.56	C69
19624	553725.2	696387.6	66.96	67.90	11.39	69.21	15.68	69.24	0.36	69.94	8.35	35.78	C69
19625	553759.8	696344.0	66.96	67.89	11.24	69.21	15.77	69.77	6.77	70.10	4.00	37.78	C69
19627	553846.5	696290.2	66.99	68.30	15.76	69.12	9.77	69.67	6.65	70.19	6.18	38.35	C69
19628	553886.5	696261.3	66.92	68.07	13.76	68.64	6.82	68.89	3.05	69.76	10.37	34.00	C69
19629	553921.5	696218.2	66.56	67.45	10.74	69.08	19.54	69.38	3.61	69.64	3.13	37.02	C69
19630	553900.7	696132.2	66.92	67.92	11.94	68.31	4.70	69.05	8.92	69.56	6.08	31.64	C69
19631	553886.9	696076.7	66.79	67.94	13.85	68.77	10.00	69.84	12.79	70.35	6.16	42.79	C69
19635	553896.7	696071.9	68.94	M		71.77		K		72.18		38.96	C71
19636	553911.7	696127.0	68.72	69.31	7.08	70.82	18.11	K		71.05		27.92	C71
19638	553926.4	696228.9	68.55	69.29	8.90	70.00	8.50	70.25	3.00	70.58	4.00	24.40	C71
19639	553890.2	696269.1	68.53	69.25	8.71	69.73	5.76	69.97	2.87	70.67	8.40	25.74	C71
19640	553849.3	696295.9	68.91	69.88	11.68	70.49	7.34	70.91	5.02	71.57	7.85	31.88	C71

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev. Feet	Clay Grade Elev. Feet	Clay Grade Depth Inches	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish 1 Grade Elev. Feet	Finish 1 Grade Depth Inches	Finish 2 Grade Elev. Feet	Finish 2 Grade Depth Inches	Total Depth Inches	Desc.
19642	553762.6	696350.5	68.98	69.67	8.23	70.57	10.82	70.91	4.12	71.27	4.26	27.43	C71
19643	553729.2	696396.7	69.58	70.25	7.99	70.98	8.78	71.11	1.56	71.61	6.04	24.37	C71
19644	553689.2	696428.6	68.99	69.93	11.26	70.55	7.42	70.58	0.30	71.31	8.84	27.82	C71
19645	553572.3	696205.2	65.99	66.89	10.84	67.50	7.31	68.04	6.52	68.59	6.61	31.27	C68
19646	553596.5	696250.3	65.74	66.65	10.94	67.21	6.67	67.45	2.86	67.69	2.96	23.44	C68
19647	553620.8	696295.3	65.73	66.70	11.58	67.10	4.84	67.57	5.66	67.72	1.74	23.82	C68
19648	553610.3	696331.0	65.76	66.66	10.75	67.83	14.14	68.20	4.40	69.08	10.57	39.86	C68
19649	553574.2	696320.9	65.99	66.68	8.27	67.30	7.43	67.58	3.35	67.94	4.26	23.30	C68
19650	553548.1	696275.0	65.95	66.86	10.94	67.60	8.81	67.96	4.30	68.36	4.82	28.87	C68
19651	553522.1	696228.9	66.00	66.96	11.58	67.51	6.55	68.07	6.77	68.52	5.36	30.26	C68
19652	553489.3	696241.4	65.95	66.87	11.03	67.66	9.44	K		68.30		28.15	C68
19653	553444.3	696262.6	65.96	66.88	10.98	E		K		72.23		75.19	C68
19654	553451.4	696278.8	65.86	66.60	8.90	67.57	11.69	67.65	0.89	68.84	14.29	35.77	C68
19655	553472.3	696324.5	65.98	66.94	11.50	68.10	13.99	68.58	5.68	68.95	4.49	35.65	C68
19656	553492.8	696369.6	65.81	66.71	10.78	67.51	9.66	68.03	6.13	69.06	12.37	38.94	C68
19657	553513.4	696408.5	65.85	66.80	11.50	67.66	10.25	68.22	6.77	69.09	10.46	38.98	C68
19658	553578.4	696428.4	65.98	66.88	10.90	67.48	7.12	67.92	5.32	68.57	7.74	31.07	C68
19659	553630.8	696422.2	65.95	66.72	9.25	67.13	4.81	K		67.55		19.20	C68
19660	553562.0	696210.6	66.93	67.65	8.68	68.27	7.51	68.64	4.43	69.23	7.04	27.66	C69
19661	553585.9	696256.0	66.94	67.65	8.51	67.97	3.89	68.29	3.78	68.84	6.60	22.78	C69
19662	553610.1	696301.0	66.75	67.63	10.64	68.07	5.17	68.28	2.54	68.55	3.30	21.66	C69
19663	553604.4	696320.5	66.73	67.44	8.54	68.55	13.24	69.07	6.24	69.11	0.52	28.54	C69
19664	553584.7	696315.0	66.87	67.57	8.40	68.46	10.72	68.65	2.32	68.91	3.02	24.46	C69
19665	553558.7	696268.9	66.81	67.58	9.18	68.08	5.99	68.42	4.09	68.59	2.11	21.37	C69
19666	553532.6	696222.8	66.73	67.64	10.96	68.18	6.48	68.60	4.99	69.02	5.05	27.48	C69
19667	553488.4	696238.1	66.74	67.48	8.83	68.01	6.42	K		68.45		20.53	C69
19670	553440.5	696283.6	66.92	67.82	10.78	67.88	0.77	68.78	10.76	71.52	32.88	55.19	C69
19671	553461.3	696329.4	70.03	70.83	9.60	71.31	5.70	K		71.93		22.75	C69
19672	553482.2	696374.5	66.92	67.84	11.04	68.88	12.48	69.33	5.40	69.89	6.62	35.54	C69
19673	553505.7	696416.7	66.81	67.73	11.02	68.66	11.15	K		69.22		28.92	C69
19674	553545.6	696441.5	66.86	67.81	11.45	68.70	10.62	69.03	3.95	69.21	2.17	28.19	C69
19675	553588.5	696449.9	66.75	67.52	9.23	68.51	11.92	69.05	6.47	69.14	1.12	28.73	C69
19676	553638.8	696440.0	66.99	67.96	11.69	68.62	7.97	69.08	5.47	69.26	2.22	27.35	C69
19677	553644.1	696450.8	68.96	69.70	8.80	69.91	2.54	70.31	4.78	70.89	7.00	23.11	C71
19678	553595.1	696463.8	68.90	69.64	8.89	69.68	0.44	70.12	5.30	70.43	3.73	18.37	C71
19679	553542.6	696455.1	68.81	69.72	10.92	69.93	2.56	70.08	1.82	70.48	4.79	20.09	C71
19680	553497.9	696424.8	68.91	M		70.31		K		71.05		25.62	C71
19685	553941.5	696261.0	72.61	M		74.66		K		75.25		31.68	C74
19686	553901.3	696292.7	72.57	M		73.64		K		74.35		21.38	C74
19687	553854.9	696308.7	72.23	M		73.07		K		73.72		17.87	C74
19688	553806.6	696326.2	71.22	M		72.25		K		72.71		17.83	C74
19689	553768.2	696362.2	72.40	M		73.66		K		74.04		19.70	C74
19690	553736.3	696410.9	73.28	M		74.29		K		74.29		12.04	C74
19691	553696.7	696445.0	72.64	M		74.47		K		74.47		21.98	C74
19692	553652.0	696467.2	72.48	M		73.53		K		73.99		18.14	C74
19693	553603.7	696482.6	72.64	M		72.97		K		74.17		18.31	C74
19694	553538.8	696472.6	72.48	M		73.54		K		74.21		20.78	C74
19695	553490.0	696433.4	72.46	M		73.52		K		74.09		19.55	C74
20504	553925.0	696150.0	69.86	70.58	8.60	71.30	8.70	71.48	2.15	72.03	6.55	26.00	GRID
20505	553925.1	696175.0	68.28	69.09	9.73	70.10	12.08	70.48	4.50	71.03	6.71	33.02	GRID
20506	553925.2	696199.9	67.35	68.59	14.81	69.77	14.21	69.90	1.56	70.42	6.26	36.84	GRID
20507	553925.1	696224.9	67.86	68.49	7.57	69.62	13.57	69.76	1.69	70.28	6.19	29.03	GRID
20508	553925.2	696249.8	70.14	71.01	10.48	71.58	6.80	72.22	7.66	72.76	6.47	31.40	GRID
20512	553900.1	696274.9	70.35	71.22	10.48	71.56	4.13	71.94	4.49	72.51	6.85	25.94	GRID
20513	553900.1	696224.9	66.22	67.08	10.26	67.85	9.30	68.09	2.90	68.73	7.70	30.17	GRID
20514	553899.9	696175.0	66.78	67.64	10.32	68.26	7.45	68.76	6.00	69.29	6.43	30.20	GRID
20515	553899.9	696125.0	67.15	68.11	11.48	68.71	7.15	69.13	5.05	69.65	6.20	29.89	GRID
20519	553874.9	695999.9	69.12	M		70.33		E		E			GRID
20520	553875.0	696025.0	66.47	67.36	10.61	67.69	4.04	68.13	5.26	68.67	6.50	26.41	GRID
20521	553875.0	696050.0	66.41	67.50	13.08	68.19	8.26	68.87	8.14	69.39	6.34	35.81	GRID
20522	553874.9	696075.0	66.71	67.54	9.85	68.23	8.38	68.52	3.49	69.12	7.20	28.92	GRID
20523	553874.9	696100.0	66.51	67.32	9.70	67.77	5.35	68.22	5.40	68.82	7.28	27.73	GRID
20524	553875.0	696125.0	66.57	67.26	8.24	67.73	5.60	68.00	3.29	68.62	7.46	24.60	GRID
20525	553875.2	696150.0	66.49	67.07	6.89	67.45	4.58	67.83	4.54	68.38	6.64	22.64	GRID
20526	553874.9	696175.0	66.45	67.11	7.93	67.75	7.72	68.00	2.99	68.53	6.36	25.00	GRID
20527	553875.3	696199.9	66.15	66.80	7.72	67.37	6.84	67.71	4.14	68.42	8.54	27.24	GRID
20528	553875.2	696224.9	66.11	67.04	11.18	67.70	7.92	68.09	4.73	68.62	6.38	30.22	GRID
20529	553875.0	696250.0	66.39	67.37	11.75	68.06	8.28	68.29	2.78	69.04	8.96	31.78	GRID
20530	553875.0	696275.0	67.65	68.66	12.02	69.34	8.26	69.69	4.16	70.26	6.88	31.32	GRID
20531	553875.2	696299.9	72.31	M		73.00		73.54	6.50	73.80	3.17	17.93	GRID
20535	553850.1	696274.9	66.34	67.25	10.82	68.01	9.12	68.30	3.56	68.86	6.71	30.22	GRID
20536	553850.0	696225.0	66.10	66.74	7.70	67.21	5.64	67.83	7.46	68.37	6.41	27.22	GRID
20537	553850.1	696175.0	65.83	66.73	10.84	67.29	6.74	67.55	3.05	68.07	6.32	26.95	GRID
20538	553850.2	696125.0	65.82	66.73	10.90	67.35	7.52	67.65	3.55	68.25	7.25	29.22	GRID
20539	553849.6	696074.8	66.59	67.57	11.81	68.29	8.64	68.55	3.05	69.08	6.43	29.93	GRID
20540	553849.8	696024.9	68.29	M		69.36		69.61	2.95	70.02	4.93	20.77	GRID
20543	553825.0	696025.0	68.99	M		69.74		69.89	1.84	70.64	8.93	19.74	GRID
20544	553825.1	696050.1	68.22	M		69.44		69.89	5.35	70.02	1.54	21.55	GRID
20545	553825.0	696075.0	67.08	68.13	12.64	68.52	4.67	69.00	5.70	69.54	6.56	29.57	GRID
20546	553824.9	696100.0	65.62	66.58	11.58	67.41	9.97	67.71	3.53	68.23	6.22	31.30	GRID
20547	553825.0	696125.0	65.32	66.28	11.53	67.01	8.80	67.33	3.84	67.99	7.82	31.99	GRID
20548	553825.1	696150.0	65.19	66.24	12.68	66.80	6.74	67.14	4.00	67.71	6.91	30.34	GRID
20549	553825.0	696175.0	65.45	66.40	11.46	67.03	7.46	67.43	4.80	67.94	6.22	29.94	GRID
20550	553825.0	696200.0	65.34	66.38	12.48	67.19	9.72	67.42	2.68	67.94	6.30	31.18	GRID
20551	553825.1	696225.0	65.72	66.46	8.86	66.98	6.24	67.38	4.76	67.92	6.55	26.41	GRID
20552	553825.1	696250.0	65.91	66.84	11.26	67.40	6.62	67.71	3.78	68.22	6.07	27.73	GRID
20553	553825.0	696275.0	66.07	66.89	9.92	67.65	9.05	68.09	5.27	68.61	6.25	30.49	GRID
20554	553825.2	696299.9	67.15	68.03	10.54	68.95	11.05	69.17	2.62	69.99	9.85	34.06	GRID
20559	553799.9	696325.0	69.99	M		70.88		71.09	2.53	71.81	8.68	21.89	GRID
20560	553800.1	696275.0	65.63	66.59	11.51	67.22	7.56	67.55	4.04	68.09	6.43	29.54	GRID
20561	553800.1	696225.0	65.33	66.20	10.43	66.79	7.15	67.12	4.00	67.77	7.80	29.38	GRID
20562	553800.1	696175.0	65.09	65.92	10.03	66.47	6.52	66.83	4.36	67.41	6.98	27.89	GRID
20563	553800.0	696125.0	65.14	66.03	10.74	66.90	10.36	67.20	3.66	67.73	6.31	31.07	GRID
20564	553799.9	696075.0	67.94	M		69.63		69.88	2.95	70.35	5.72	28.98	GRID
20567	553775.1	696050.1	68.81	M		69.90		69.92	0.22	70.84	11.09	24.37	GRID
20568	553775.0	696075.0	68.26	M		69.57		69.97	4.90	70.29	3.73	24.36	GRID
20569	553775.3	696100.1	67.08	67.93	10.16	68.34	4.93	68.76	4.98	69.30	6.53	26.60	GRID
20570	553775.0	696125.0	64.71	66.02	15.73	66.85	9.98	67.16	3.71	67.69	6.29	35.71	GRID
20571	553775.1	696150.0	64.68	65.73	12.70	66.46	8.74	66.74	3.36	67.28	6.43	31.22	GRID
20572	553775.1	696175.0	64.95	65.91	11.54	66.56	7.73	66.94	4.66	67.45	6.11	30.04	GRID
20573	553774.8	696200.0	65.01	66.02	12.19	66.83	9.67	67.10	3.28	67.66	6.74	31.88	GRID
20574	553774.9	696225.0	65.12	66.28	13.91	66.64	4.30	67.09	5.36	67.64	6.71	30.28	GRID
20575	553775.0	696250.0	65.40	66.03	7.46	66.54	6.23	66.97	5.16	67.50	6.30	25.15	GRID
20576	553775.1	696275.0	65.59	66.46	10.43	66.93	5.60	67.35	5.02	67.89	6.52	27.56	GRID
20577	553775.0	696300.0	65.52	66.43	10.96	67.07	7.63	67.75	8.27	68.50	8.89	35.75	GRID
20578	553775.2	696324.9	66.40	67.25	10.25	68.25	11.96	K		68.98		30.98	GRID
20579	553775.1	696349.9	71.85	M		72.55		72.91	4.30	73.19	3.32	16.07	GRID
20582	553750.0	696375.0	70.77	71.48	8.58	71.63	1.82	71.67	0.47	71.96	3.43	14.30	GRID
20583	553749.8	696325.1	65.33	66.13	9.64	67.07	11.22	67.81	8.94	68.40	7.00	36.79	GRID
20584	553749.9	696275.0	65.65	66.39	8.89	66.94	6.64	67.44	5.99	68.60	13.92	35.44	GRID
20585	553749.8	696225.0	64.93	65.87	11.26	66.71	10.13	66.80	1.08	67.39	7.01	29.47	GRID
20586	553749.9	696175.0	65.02	65.92	10.82	66.54	7.39	66.54	0.05	67.28	8.84	27.11	GRID
20587	553750.1	696125.0	64.90	66.00	13.09	67.12	13.54	67.31	2.28	67.82	6.12	35.03	GRID
20588	553750.3	696075.1	68.49	M		69.59		70.24	7.85	70.67	5.14	26.16	GRID
20592	553725.0	696075.0	68.82	M		69.60		K		70.41		19.10	GRID
20593	553725.0	696100.0	68.10	M		69.46		69.91	5.41	69.97	0.71	22.45	GRID
20594	553725.0	696125.0	66.94	67.67	8.80	68.18	6.02	68.40	2.64	68.96	6.72	24.18	GRID
20595	553724.9	696150.0	64.83	65.56	8.80	66.18	7.45	66.64	5.54	67.17	6.34	28.13	GRID
20596	553725.1	696175.0	64.83	65.57	8.89	65.73	1.90	66.31	6.96	66.95	7.74	25.49	GRID
20597	553724.8	696200.0	64.96	65.55	7.15	65.97	4.98	66.33	4.37	67.08	8.96	25.46	GRID
20598	553725.1	696225.0	64.94	65.80	10.28	66.21	4.93	66.78	6.80	67.34	6.76	28.78	GRID
20599	553724.9	696250.0	65.09	65.91	9.84	66.69	9.26	67.12	5.27	67.64	6.20	30.58	GRID
20600	553724.9	696275.1	65.45	66.21	9.18	66.83	7.42	67.39	6.73	67.95	6.72	30.05	GRID
20601	553724.8	696300.1	65.71	66.41	8.38	66.76	4.24	67.31	6.60	68.46	13.70	32.92	GRID
20602	553725.1	696325.0	65.59	66.35	9.14	66.74	4.66	67.32	6.98	67.84	6.32	27.11	GRID
20603	553725.1	696349.9	65.50	66.33	10.06	66.96	7.55	67.43	5.62	67.96	6.38	29.60	GRID
20604	553725.0	696375.0	65.30	66.21	10.94	67.33	13.44	67.86	6.30	68.68	9.86	40.55	GRID
20605	553724.9	696400.1	69.32	70.03	8.52	70.63	7.31	70.78	1.69	71.35	6.94	24.46	GRID
20606	553700.1	696424.9	70.47	M		70.89		71.23	3.98	71.94	8.59	17.70	GRID
20607	553700.0	696375.0	65.51	66.43	11.10	66.89	5.47	K		67.31		21.60	GRID
20608	553700.1	696325.0	65.81	66.49	8.21	66.87	4.48	67.09	2.70	67.32	2.68	18.06	GRID
20609	553700.0	696275.0	65.62	66.37	8.95	66.90	6.42	67.20	3.60	67.71	6.08	25.06	GRID
20610	553700.1	696225.0	65.03	65.77	8.86	66.29	6.26	66.84	6.66	67.39	6.60	28.38	GRID
20611	553700.3	696175.0	64.93	65.48	6.59	65.70	2.59	66.36	8.02	66.87	6.04	23.23	GRID
20612	553700.2	696125.0	67.49	68.33	10.03	68.73	4.80	69.28	6.66	69.39	1.25	22.74	GRID
20616	553675.4	696100.1	68.69	M		69.75		70.07	3.84	70.28	2.62	19.16	GRID
20617	553675.2	696125.0	67.78	M		69.28		69.89	7.37	70.28	4.67	30.05	GRID
20618	553675.1	696150.0	66.48	67.27	9.54	67.87	7.12	67.96	1.08	68.47	6.20	23.94	GRID
20619	553675.1	696175.0	64.92	65.60	8.15	66.08	5.71	66.46	4.56	66.97	6.14	24.56	GRID
20620	553675.2	696200.0	65.16	65.79	7.61	66.00	2.47	66.34	4.12	67.01	8.09	22.28	GRID
20621	553675.1	696225.0	65.06	65.79	8.74	66.29	6.04	66.56	3.20	67.16	7.20	25.18	GRID
20622	553675.1	696250.0	65.33	66.21	10.50	66.69	5.78	67.15	5.45	67.65	6.02	27.76	GRID
20623	553674.7	696275.1	65.47	66.23	9.17	66.81	6.86	67.22	4.98	67.81	7.07	28.08	GRID
20624	553675.2	696299.9	65.87	66.57	8.33	66.95	4.56	67.31	4.32	67.57	3.20	20.41	GRID
20625	553675.3	696324.9	66.06	66.73	8.08	66.81	0.94	67.18	4.49	67.55	4.48	17.98	GRID
20626	553675.0	696350.0	65.63	66.43	9.62	66.89	5.52	K		67.34		20.57	GRID

MERIDIAN LAND SERVICES POINTS TABLE

Point Number	Northing	Easting	Subgrade (Geotextile) Elev. Feet	Clay Grade Elev. Feet	Clay Grade Depth Inches	Cover Grade Elev. Feet	Cover Grade Depth Inches	Finish 1 Grade Elev. Feet	Finish 1 Grade Depth Inches	Finish 2 Grade Elev. Feet	Finish 2 Grade Depth Inches	Total Depth Inches	Desc.
20627	553675.0	696375.0	65.90	66.65	9.05	66.94	3.43	K		67.31		16.92	GRID
20628	553675.2	696399.9	65.34	66.27	11.10	66.94	8.11	67.39	5.35	68.20	9.77	34.33	GRID
20629	553675.0	696425.0	67.15	67.97	9.83	68.98	12.08	69.13	1.85	69.74	7.26	31.02	GRID
20630	553675.0	696450.1	71.73	M		72.76		K		73.11		16.48	GRID
20631	553650.2	696424.9	65.91	66.83	11.04	67.50	7.99	67.87	4.50	68.51	7.66	31.19	GRID
20632	553650.2	696374.9	65.89	66.58	8.28	66.97	4.76	67.43	5.47	67.59	1.98	20.50	GRID
20633	553650.1	696325.0	65.96	66.66	8.44	66.96	3.62	67.59	7.56	67.89	3.53	23.15	GRID
20634	553650.0	696275.0	65.22	65.99	9.19	66.77	9.37	67.12	4.16	67.61	5.90	28.63	GRID
20635	553649.8	696225.0	64.82	65.75	11.20	66.28	6.35	66.69	4.91	67.20	6.16	28.61	GRID
20636	553649.9	696175.0	64.73	65.59	10.21	66.82	14.81	K		67.34		31.27	GRID
20637	553649.6	696125.0	68.25	M		69.68		69.99	3.68	70.66	8.09	28.92	GRID
20641	553624.7	696125.0	68.71	M		69.73		69.75	0.25	70.22	5.65	18.20	GRID
20642	553625.1	696150.0	67.76	M		68.99		69.78	9.48	70.27	5.96	30.22	GRID
20643	553624.9	696175.1	66.50	67.17	8.14	67.79	7.39	68.02	2.80	68.49	5.65	23.98	GRID
20644	553625.2	696199.9	65.13	65.79	7.99	66.41	7.37	66.70	3.52	67.34	7.72	26.59	GRID
20645	553625.1	696224.9	65.21	65.94	8.77	66.63	8.30	66.84	2.46	67.39	6.62	26.16	GRID
20646	553624.8	696250.1	65.00	65.68	8.23	66.47	9.47	67.13	7.86	67.63	6.00	31.56	GRID
20647	553625.3	696274.9	65.34	66.06	8.58	66.88	9.82	67.17	3.54	67.85	8.10	30.04	GRID
20648	553625.0	696300.0	65.38	66.31	11.17	67.24	11.05	67.28	0.56	67.78	5.99	28.78	GRID
20649	553625.0	696325.0	65.45	66.36	10.92	67.30	11.33	67.84	6.42	68.56	8.68	37.34	GRID
20650	553625.2	696350.0	66.01	66.78	9.26	67.03	3.00	67.53	5.98	68.32	9.43	27.67	GRID
20651	553625.1	696375.0	65.58	66.39	9.70	66.85	5.50	67.46	7.36	67.80	4.13	26.68	GRID
20652	553624.9	696400.0	66.04	66.83	9.52	67.34	6.11	67.58	2.82	67.80	2.65	21.10	GRID
20653	553625.0	696425.0	65.90	66.78	10.58	67.28	5.98	67.76	5.80	68.15	4.64	27.00	GRID
20654	553624.9	696450.0	67.89	68.79	10.87	69.49	8.35	69.63	1.66	70.16	6.42	27.30	GRID
20655	553625.0	696475.0	71.76	M		E		K		73.58		21.84	GRID
20656	553599.8	696474.9	70.40	M		71.74		K		72.59		26.32	GRID
20657	553600.0	696425.0	66.11	66.85	8.77	67.63	9.47	67.91	3.29	68.57	7.96	29.48	GRID
20658	553600.1	696375.0	65.99	66.72	8.80	67.17	5.32	67.59	5.04	67.64	0.71	19.86	GRID
20659	553599.9	696325.0	66.39	67.35	11.50	68.38	12.40	68.91	6.34	69.08	2.02	32.24	GRID
20660	553600.1	696275.0	66.65	67.38	8.77	67.93	6.64	68.08	1.82	68.61	6.26	23.50	GRID
20661	553600.2	696224.9	65.31	66.18	10.45	66.82	7.58	67.13	3.79	67.64	6.16	27.98	GRID
20662	553599.8	696175.0	67.31	68.02	8.59	68.99	11.58	69.24	3.02	69.90	7.87	31.07	GRID
20666	553575.0	696150.0	68.59	M		69.79		70.11	3.90	70.89	9.36	27.55	GRID
20667	553575.3	696175.0	67.66	M		69.25		69.64	4.75	70.25	7.24	31.04	GRID
20668	553574.9	696200.1	66.73	67.37	7.67	68.00	7.61	68.22	2.57	68.88	7.92	25.76	GRID
20669	553574.9	696225.1	66.56	67.29	8.77	67.61	3.90	67.98	4.44	68.51	6.38	23.50	GRID
20670	553574.9	696250.1	67.02	67.77	8.90	68.16	4.70	68.34	2.21	68.89	6.60	22.42	GRID
20671	553575.1	696275.0	66.83	67.70	10.43	68.15	5.42	68.72	6.79	69.42	8.46	31.10	GRID
20672	553575.0	696300.0	66.42	67.28	10.38	68.32	12.40	68.59	3.30	69.52	11.12	37.20	GRID
20673	553575.1	696325.0	65.97	66.66	8.28	67.37	8.53	67.55	2.15	67.89	4.10	23.06	GRID
20674	553575.1	696350.0	65.98	66.73	8.98	67.11	4.63	67.32	2.54	67.86	6.47	22.62	GRID
20675	553574.8	696375.0	66.00	66.73	8.77	67.26	6.35	67.61	4.25	68.06	5.45	24.82	GRID
20676	553574.9	696400.0	66.14	66.97	9.97	67.46	5.82	67.77	3.72	69.22	17.38	36.89	GRID
20677	553574.6	696424.9	66.21	67.17	11.41	67.43	3.17	67.89	5.52	68.35	5.47	25.57	GRID
20678	553574.9	696450.0	66.88	67.77	10.72	68.74	11.57	69.17	5.18	69.77	7.19	34.66	GRID
20679	553574.9	696474.9	70.57	M		72.01		K		72.71		25.63	GRID
20680	553550.0	696475.0	71.92	M		73.13		K		73.64		20.54	GRID
20681	553549.9	696425.0	66.21	67.14	11.16	67.82	8.17	68.14	3.84	69.10	11.56	34.73	GRID
20682	553550.2	696375.0	66.23	66.96	8.76	67.21	2.95	67.52	3.77	68.14	7.46	22.94	GRID
20683	553550.0	696325.0	66.14	66.90	9.07	66.94	0.47	67.46	6.25	67.66	2.39	18.18	GRID
20684	553550.1	696274.9	66.29	67.11	9.88	67.62	6.07	68.10	5.75	68.80	8.45	30.14	GRID
20685	553550.0	696225.0	66.74	67.68	11.21	68.12	5.33	68.68	6.67	69.15	5.70	28.91	GRID
20686	553550.1	696175.0	68.33	M		69.74		70.09	4.20	70.74	7.78	28.88	GRID
20690	553525.1	696175.0	68.66	M		69.76		70.31	6.71	70.78	5.59	25.42	GRID
20691	553525.1	696200.0	67.69	M		69.29		69.81	6.29	70.19	4.52	30.01	GRID
20692	553525.0	696225.1	66.60	67.51	10.90	67.87	4.36	68.54	7.96	68.81	3.26	26.47	GRID
20693	553525.1	696249.9	65.75	66.67	11.03	67.27	7.20	67.50	2.81	68.09	7.10	28.14	GRID
20694	553525.0	696275.0	65.95	66.67	8.62	67.32	7.78	67.58	3.13	68.11	6.42	25.94	GRID
20695	553525.0	696300.0	65.93	66.63	8.42	67.40	9.28	67.54	1.70	67.75	2.42	21.83	GRID
20696	553524.8	696325.1	65.88	66.57	8.27	66.94	4.45	67.33	4.74	67.37	0.40	17.86	GRID
20697	553525.0	696350.0	66.17	66.88	8.54	67.00	1.46	67.33	3.91	67.47	1.75	15.67	GRID
20698	553525.0	696375.0	66.13	66.83	8.35	67.30	5.71	67.52	2.58	68.74	14.63	31.27	GRID
20699	553525.1	696400.0	65.78	66.62	10.04	67.39	9.25	67.90	6.06	68.70	9.68	35.04	GRID
20700	553524.9	696424.9	66.43	67.33	10.81	68.24	10.91	68.61	4.48	68.91	3.64	29.83	GRID
20701	553524.8	696449.9	69.42	M		E		K		71.24		21.84	GRID
20703	553500.1	696375.0	65.68	66.65	11.71	67.33	8.12	67.82	5.84	69.00	14.14	39.82	GRID
20704	553499.9	696325.0	65.93	66.60	8.09	67.00	4.80	67.20	2.40	67.42	2.57	17.86	GRID
20705	553500.1	696274.9	65.91	66.61	8.35	67.06	5.40	67.50	5.24	67.77	3.31	22.31	GRID
20706	553500.0	696225.0	67.39	68.10	8.59	68.39	3.46	68.78	4.61	69.18	4.91	21.56	GRID
20710	553475.1	696199.8	68.91	M		70.12		70.30	2.24	70.66	4.22	20.96	GRID
20711	553474.8	696225.4	68.19	M		69.29		69.54	3.05	69.81	3.22	19.42	GRID
20712	553474.9	696250.1	65.88	66.67	9.42	67.68	12.17	K		68.18		27.52	GRID
20713	553475.0	696275.1	65.51	66.29	9.42	66.91	7.44	67.13	2.68	67.75	7.44	26.98	GRID
20714	553475.1	696299.9	65.48	66.24	9.02	67.05	9.73	67.56	6.10	67.62	0.83	25.68	GRID
20715	553475.4	696324.8	65.53	66.45	10.98	67.58	13.55	68.05	5.70	68.61	6.67	36.90	GRID
20716	553475.1	696350.0	68.44	69.15	8.58	69.21	0.73	69.83	7.39	70.45	7.43	24.13	GRID
20717	553475.1	696375.0	67.86	68.56	8.42	69.71	13.75	69.99	3.35	70.94	11.36	36.89	GRID
20723	553449.9	696225.3	68.85	69.45	7.19	69.69	2.89	69.80	1.32	70.18	4.58	15.98	GRID
20727	553425.0	696225.0	68.76	70.88	25.43	F		K		71.72		35.60	GRID
20728	553425.0	696250.0	68.50	M		69.68		K		72.57		48.90	GRID

* TOTAL DEPTH MODIFIED PER RTC CONSTRUCTION
(SEE RTC COVER CERTIFICATION REPORT)

TABLE REMARKS	
A	IN RIP RAP– SUBGRADE AND FINISH GRADE ONLY
B	IN GRAVEL ROAD– SUBGRADE AND FINISH GRADE ONLY
C	CULVERT– ONLY SUBGRADE AND FINISH GRADE
D	REMEDIATION IN PROGRESS
E	UNABLE TO COLLECT
F	ON CLAY BERM– NO SUBGRADE
G	BOX CULVERT SUBGRADE ONLY
H	TOP/TOE OF UTILITY CORRIDOR– SUBGRADE ONLY
I	CREATED WETLANDS STREAM– SEE COVER GRADE
J	FINISH GRADE ON CONCRETE WEIR
K	NO "TEWKSBURY" LOAM APPLIED
L	NOT COLLECTED
M	OUTSIDE LIMIT OF CLAY GRADE
N	UNDER WATER
P	AT TRANSITION– NO COVER GRADE
Q	IN GRAVEL ROAD– SEE ADJACENT SUBGRADE
R	IN GRAVEL ROAD– SEE ADJACENT FINISH GRADE
S	IN GRAVEL ROAD AT UTILITY CORRIDOR– NO SUBGRADE

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
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

GRAPHIC SCALE
50' 25' 0 50' 100' 150'

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, 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

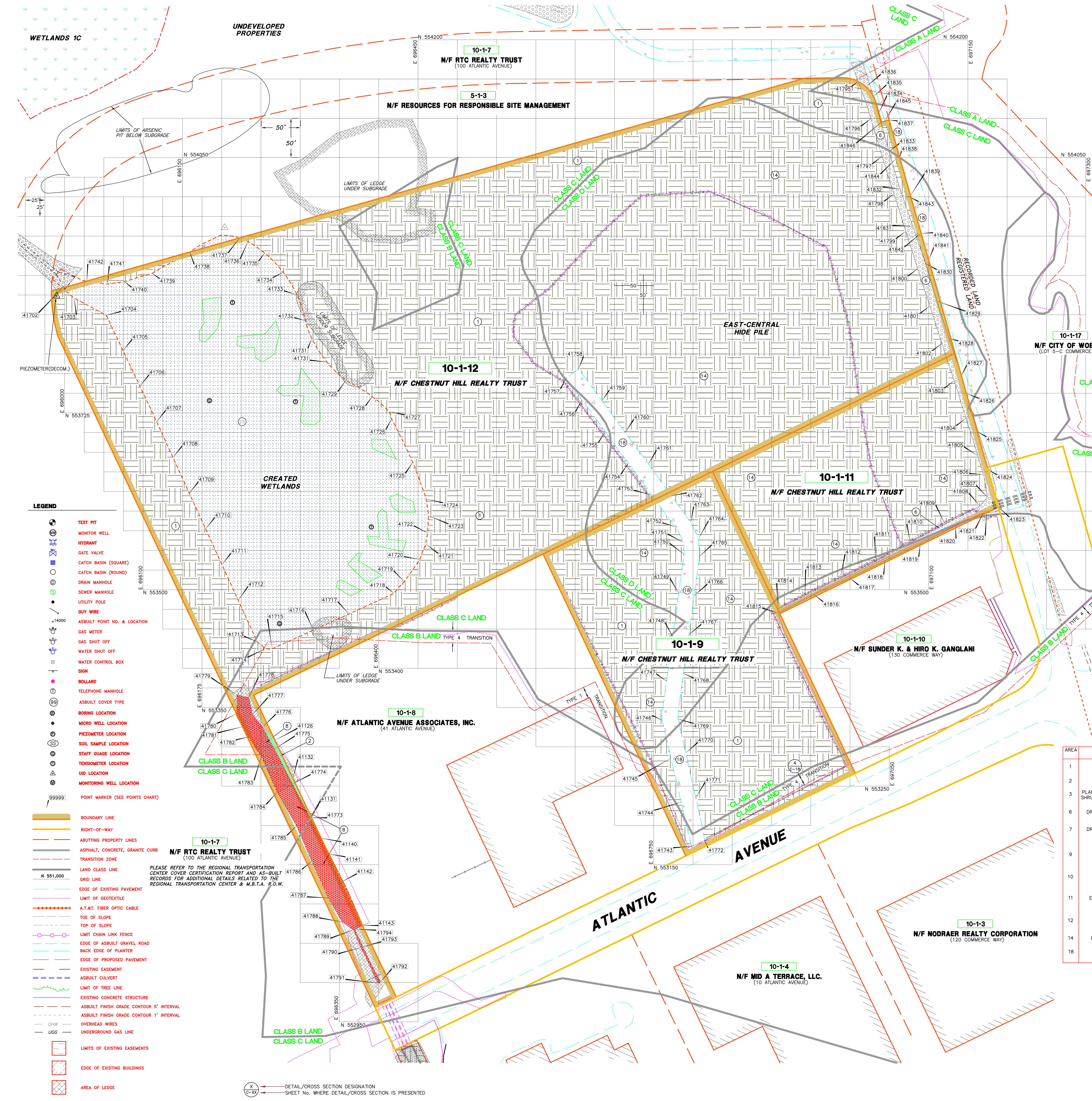
PROJECT RECORD (LOT S10-1-9, 11 & 12)
RECORD POINTS (CREATED WETLANDS)
INDUSTRI-PLEX SITE REMEDIAL TRUST WOBURN, MASSACHUSETTS

SCALE: 1" = 50'
AUGUST 8, 2000

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 290011115.dwg
DO NOT SCALE DRAWING

C-15
SHEET NO.
PROJECT: 2900.00
SHEET 5 OF 8

Sep 26, 2008 – 8:21am dbh Land Desktop 2004 – LDT4
H:\mls\02900-0-AB\2900.11\AS-BUILTS\0-PARCEL-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.
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.

COVER TYPE POINT CHART

NUMBER	NORTHING*	EASTING*
41702	553884.0	695997.2
41703	553871.2	696012.2
41704	553849.4	696053.0
41705	553804.2	696074.5
41706	553759.0	696095.9
41707	553713.8	696117.2
41708	553668.3	696138.0
41709	553622.8	696158.8
41710	553577.4	696179.6
41711	553531.9	696200.3
41712	553486.4	696221.1
41713	553433.6	696245.2
41714	553425.0	696255.8
41715	553424.8	696264.3
41716	553448.5	696316.6
41717	553469.2	696362.2
41718	553495.5	696419.5
41719	553510.1	696432.5
41720	553538.6	696452.3
41721	553558.1	696460.0
41722	553572.2	696462.4
41723	553594.2	696463.5
41724	553615.2	696460.7
41725	553662.0	696443.3
41726	553717.5	696416.3
41727	553726.5	696413.8
41728	553745.9	696391.6
41729	553766.3	696358.2
41730	553789.8	696334.0
41731	553819.8	696314.8
41732	553842.4	696306.7
41733	553875.1	696296.0
41734	553904.1	696278.4
41735	553928.4	696254.8
41736	553943.0	696233.5
41737	553947.7	696223.0
41738	553929.8	696159.5
41739	553902.7	696111.6
41740	553892.1	696076.3
41741	553889.0	696054.7
41742	553892.8	696028.4
41743	553173.4	696798.3
41744	553229.7	696784.9
41745	553285.3	696772.1
41746	553334.0	696760.7
41747	553383.6	696766.4
41748	553440.4	696774.4
41749	553495.5	696781.9
41750	553545.1	696788.7
41751	553560.3	696787.8
41752	553580.3	696776.8
41753	553620.7	696747.4
41754	553661.0	696717.8
41755	553701.4	696688.3
41756	553741.7	696658.6
41757	553769.4	696638.5
41758	553781.0	696654.5
41759	553740.7	696684.1
41760	553700.3	696713.6
41761	553660.1	696743.3
41762	553619.5	696772.6
41763	553585.8	696797.3
41764	553565.1	696807.1
41765	553542.1	696808.2
41766	553492.6	696801.6
41767	553443.0	696794.9
41768	553393.5	696787.8
41769	553335.4	696780.9
41770	553292.1	696790.8
41771	553235.2	696803.5
41772	553180.9	696815.0
41773	553209.7	696313.4
41774	553253.0	696290.5

COVER TYPE POINT CHART

NUMBER	NORTHING*	EASTING*
41775	553297.6	696267.6
41776	553325.3	696252.3
41777	553340.7	696239.1
41778	553362.8	696234.5
41779	553366.0	696219.5
41780	553341.9	696218.8
41781	553325.5	696226.5
41782	553312.6	696233.8
41783	553287.6	696250.5
41784	553242.3	696270.7
41785	553199.7	696295.4
41786	553154.3	696314.7
41787	553107.7	696335.7
41788	553077.1	696353.5
41789	553067.3	696367.9
41790	553044.7	696377.2
41791	552999.4	696398.5
41792	553000.7	696402.1
41793	553045.4	696379.7
41794	553068.0	696369.6
41795	554146.8	697010.4
41796	554099.5	697026.5
41797	554051.6	697040.8
41798	554003.9	697055.8
41799	553956.2	697071.0
41800	553908.6	697086.1
41801	553861.0	697101.4
41802	553813.4	697116.9
41803	553766.0	697132.6
41804	553718.3	697147.5
41805	553670.6	697162.6
41806	553646.5	697170.0
41807	553617.8	697174.9
41808	553606.6	697165.2
41809	553583.5	697120.9
41810	553560.0	697076.7
41811	553536.6	697032.6
41812	553514.7	696987.6
41813	553493.0	696942.6
41814	553475.9	696908.5
41815	553470.1	696908.5
41816	553493.8	696954.4
41817	553515.1	696999.6
41818	553537.0	697044.5
41819	553558.7	697089.6
41820	553581.0	697134.3
41821	553597.5	697169.5
41822	553598.0	697173.8
41823	553605.3	697188.9
41824	553653.4	697175.3
41825	553701.5	697161.7
41826	553749.6	697148.1
41827	553772.3	697141.7
41828	553819.8	697126.1
41829	553867.4	697110.8
41830	553915.2	697096.2
41831	553962.5	697080.0
41832	554009.8	697063.9
41833	554057.8	697049.7
41834	554105.9	697036.2
41835	554127.7	697029.9
41836	554139.9	697020.4
41837	554097.8	697049.7
41838	554049.7	697063.3
41839	554001.6	697076.9
41840	553953.5	697090.5
41841	553919.4	697100.1
41842	553953.2	697089.3
41843	554000.9	697074.0
41844	554048.6	697058.7
41845	554096.3	697044.2
41846	554095.1	697040.1

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

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

(8) BLAST/EXCAVATE CHANNEL EQUIVALENT COVER

COVER TYPES (ENGINEERED)

AREA	ORIGINAL CONDITION	COVER TYPE
1	VARIES	ABOVE GRADE PERMEABLE COVER
2	VARIES	AT GRADE PERMEABLE COVER
3	PLANTER WITH GRASS SHRUBS, SMALL TREES	AT GRADE PERMEABLE COVER
6	DRAINAGE SWALE	GRAVEL/COBBLE LINED
7	DRAINAGE SWALE	CONCRETE CULVERT (BENEATH EAST-CENTRAL HIDE PILE REMEDIATED SLOPE)
9	WETLANDS	ABOVE GRADE PERMEABLE COVER (WETLANDS REMEDIATION)
10	WETLANDS	DREDGE SEDIMENT, PLACE PERMEABLE COVER (WETLANDS REMEDIATION)
11	EAST HIDE PILE	IMPERMEABLE COVER (EAST HIDE PILE REMEDIATION)
12	VARIES	ABOVE GRADE PERMEABLE COVER (EXTENT OF SOUTH HIDE PILE REMEDIATION)
14	EAST CENTRAL HIDE PILE	ABOVE GRADE PERMEABLE COVER
18	VARIES	GRAVEL ACCESS ROAD

AREA	ORIGINAL CONDITION	COVER TYPE
22	PAVED	REGRADE, ABOVE GRADE ASPHALT
23	VARIES	PLACE CULVERT
24	CULVERT	EXTEND CULVERT
25	VARIES	SEE NOTE 4 (SHEET 11-3D) (ON REFERENCE PLAN 2)
26	VARIES	ABOVE GRADE ASPHALT COVER
27	VARIES	EXCAVATE, STORMWATER STORAGE, PLACE 16" FILL
28	DRAINAGE CHANNEL	DREDGE 16" SEDIMENT, PLACE GRAVEL/COBBLE LINING
29	EXISTING MDC SEWER SERVICE	RAISE MANHOLES
31	DRAINAGE SWALE	DREDGE 16", PLACE GRAVEL/COBBLE (GROUNDWATER RECHARGE BASIN)
32	VARIES	AT GRADE COVER (GRAVEL SURFACE)
33	VARIES	ABOVE GRADE COVER (GRAVEL SURFACE)

(1) & (14) ABOVE GRADE ENGINEERED PERMEABLE COVER
(2) AT GRADE ENGINEERED PERMEABLE COVER
(6) LIMITS OF RIP RAP = 6" STONE (DRAINAGE SWALE / COBBLE LINED) ENGINEERED COVER
(18) GRAVEL ACCESS ROAD
(25) ABOVE GRADE PERMEABLE COVER (ENHANCED WETLANDS)

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

GRAPHIC SCALE
50' 25' 0 50' 100' 150'

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.
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 (LOT S10-1-9, 11 & 12)
COVER TYPES AND TRANSITIONS
INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000
SCALE: 1" = 50'

DESIGNED BY: MDP
DRAFTED BY: MDP
CHECKED BY: JGK
FILE: 2900111I6.dwg
DO NOT SCALE DRAWING

C-16
SHEET NO.
PROJECT: 2900.00
SHEET 6 OF 8

Sep 26, 2008 – 8:30am dbh Land Desktop 2004 – LDT4
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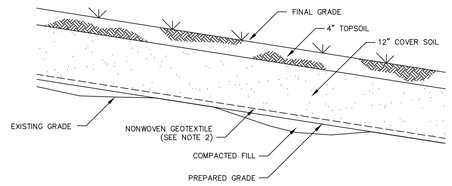
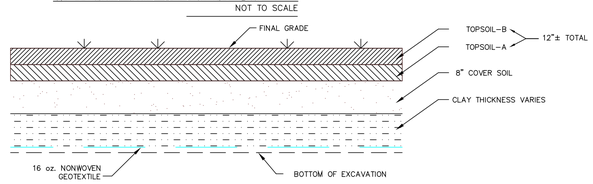
COVER TYPES

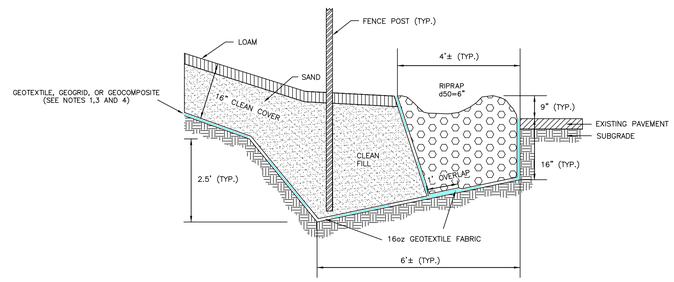
(1) & (14) ABOVE GRADE PERMEABLE COVER
(SEE NOTES: 1, 3 & 4)
NOT TO SCALE



COVER TYPE

(25) ABOVE GRADE PERMEABLE COVER WETLAND AND SEDIMENT CAP
NOT TO SCALE

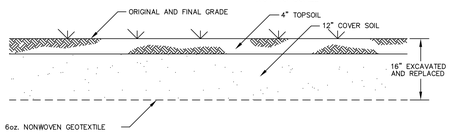


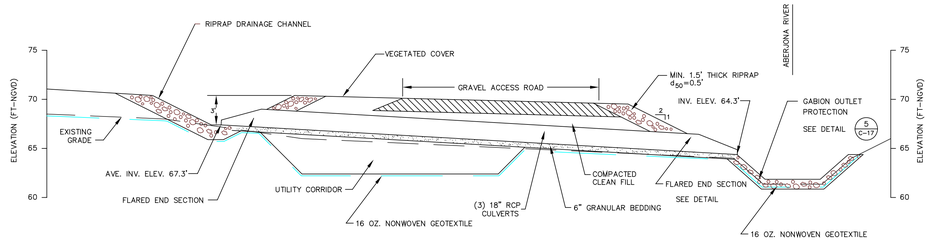


(3) / C-17 FENCE TRENCH ADJACENT TO PAVEMENT
NOT TO SCALE

COVER TYPE

(2) AT GRADE ENGINEERED PERMEABLE COVER
(PLANTERS WITH GRASS)
NOT TO SCALE

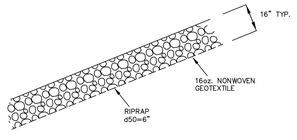


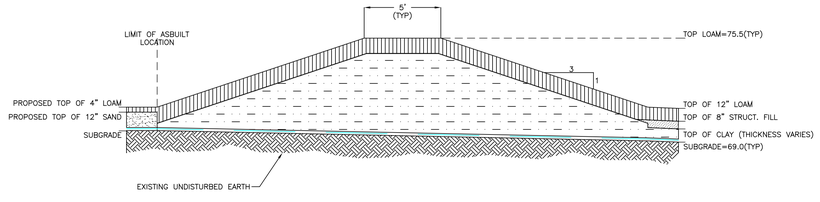


(4) / C-17 TRIPLE CULVERT DETAIL
(HAS BEEN REPLACED WITH A 24" RCP BY OTHERS SINCE THE COMPLETION OF THIS PHASE)

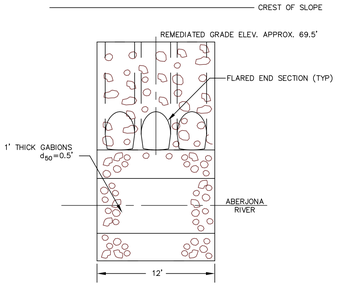
COVER TYPE

(6) ENGINEERED DRAINAGE SWALE/COBBLE LINED
NOT TO SCALE





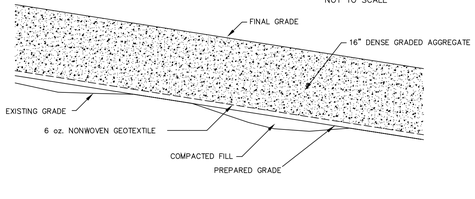
(1) / C-17 CREATED WETLANDS BERM TYPICAL CROSS SECTION
NOT TO SCALE

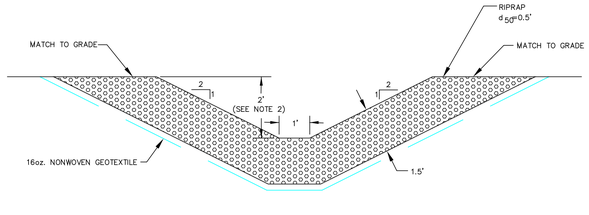


(5) / C-17 GABION OUTLET PROTECTION DETAIL

COVER TYPE

(18) GRAVEL ACCESS ROAD ENGINEERED PERMEABLE COVER
FOR SLOPES FLATTER THAN 25%
NOT TO SCALE





(2) / C-17 RIPRAP DRAINAGE CHANNEL-TYPICAL DETAIL
NOT TO SCALE

LEGEND

(X / C-17) — DETAIL/CROSS SECTION DESIGNATION
SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED

NOTES

1.) SEE SPECIFICATIONS FOR DETAILS AND MATERIALS USED.

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

3.) FOR SLOPES 25% OR STEEPER, A GEOSYNTHETIC DRAIN WAS USED AS FOLLOWS:

a. ON HIDE PILES, A GEOCOMPOSITE DRAIN WAS EXTENDED FROM THE TOE OF SLOPE A DISTANCE EQUAL TO A 10 FOOT CHANGE IN ELEVATION. A 16oz. NONWOVEN GEOTEXTILE WAS USED ELSEWHERE AND FIELD SEWN WITH THE GEOCOMPOSITE.

b. IN AREAS OTHER THAN HIDE PILES, A 16oz. NONWOVEN GEOTEXTILE WAS USED THROUGHOUT.

4.) FOR SLOPES STEEPER THAN 33%, A GEOGRID WAS PLACED DIRECTLY ABOVE THE GEOSYNTHETIC AND EXTENDED A DISTANCE OF 10 FEET BEYOND THE CREST OF THE SLOPE. FOR SLOPES 50% OR STEEPER A RIPRAP FACING WAS PLACED WITHOUT GEOGRID.

5.) VERTICAL EXAGGERATION OF GEOSYNTHETICS SCALE FOR VISUAL PURPOSES ONLY.

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

GRAPHIC SCALE
50' 25' 0 50' 100' 150'

REV.	DATE	DESCRIPTION	DR	CK
I	9/30/08	FINAL SUBMISSION	TC	DBH
H	9/29/08	EPA COMMENTS OF 8/29/07	DBH	MDP
G	9/29/08	EPA & DEP COMMENTS OF 8/29/07	DBH	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	8/11/00	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

DESIGNED BY:

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

PROJECT RECORD (LOTS 10-1-9, 11 & 12)

DETAILS AND TRANSITIONS

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = NONE

DESIGNED BY: MDP	C-17
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JCK	
FILE: 29001117.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 7 OF 8

Sep 26, 2008 - 8:40am dbh Land Desktop 2004 - LDT4
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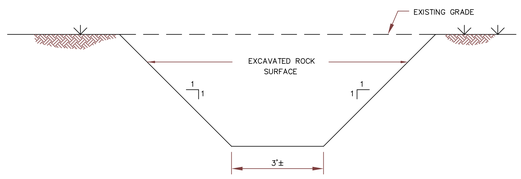
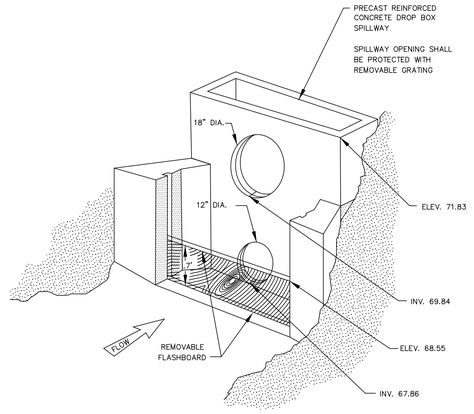


1 / C-18 **EXTENSION OF ATLANTIC AVENUE DRAINWAY SECTION**

NOT TO SCALE



PERSPECTIVE

3 / C-18 **CREATED WETLAND OUTFLOW STRUCTURE DETAIL**

NOT TO SCALE

LEGEND

X / C-18 — DETAIL/CROSS SECTION DESIGNATION
SHEET No. WHERE DETAIL/CROSS SECTION IS PRESENTED

NOTES

1.) SEE SPECIFICATIONS FOR DETAILS AND MATERIALS USED.

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

3.) FOR SLOPES 25% OR STEEPER, A GEOSYNTHETIC DRAIN WAS USED AS FOLLOWS:

a. ON HIDE PILES, A GEOCOMPOSITE DRAIN WAS EXTENDED FROM THE TOE OF SLOPE A DISTANCE EQUAL TO A 10 FOOT CHANGE IN ELEVATION, A 16oz. NONWOVEN GEOTEXTILE WAS USED ELSEWHERE AND FIELD SEWN WITH THE GEOCOMPOSITE.

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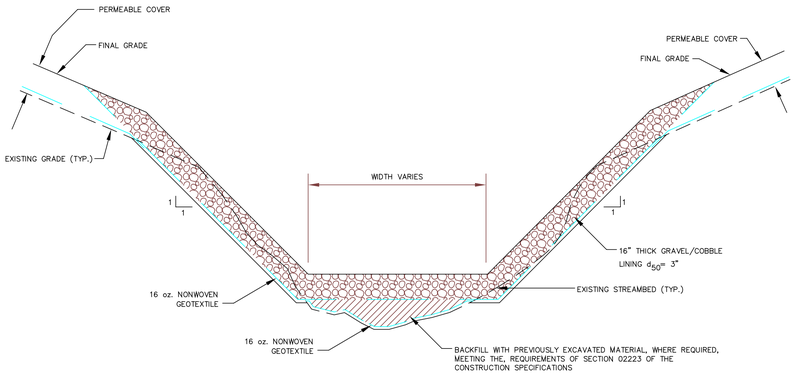
4.) FOR SLOPES STEEPER THAN 33% A GEOGRID WAS PLACED DIRECTLY ABOVE THE GEOSYNTHETIC AND EXTENDED A DISTANCE OF 10 FEET BEYOND THE CREST OF THE SLOPE. FOR SLOPES 50% OR STEEPER A RIPRAP FACING WAS PLACED WITHOUT GEOGRID.

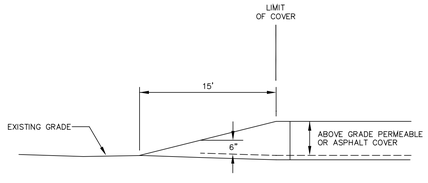
5.) VERTICAL EXAGGERATION OF GEOSYNTHETICS SCALE FOR VISUAL PURPOSES ONLY.

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



2 / C-18 **TYPICAL GRAVEL/COBBLE LINING STREAM REMEDY WITH ADJACENT COVER SECTION**

NOT TO SCALE



4 / C-18 **TYPICAL TYPE 4 TRANSITION**

NOT TO SCALE

GRAPHIC SCALE

50' 25' 0 50' 100' 150'

REV.	DATE	DESCRIPTION	DR	CK
I	9/30/08	FINAL SUBMISSION	TC	MDP
H	2/8/08	EPA COMMENTS OF 1/7/08	DBH	MDP
G	9/26/07	EPA & DEP COMMENTS OF 8/29/07	CAH	MDP
F	5/1/07	EPA & DEP COMMENTS OF 8/3/06	CAC	MDP
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	6/11/01	EPA REVISIONS	JF	MDP
A	8/8/00	ISSUE FOR REVIEW	JF	MDP

FINAL

PROFESSIONAL LAND SURVEYOR

PROFESSIONAL ENGINEER

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

PREPARED BY: MERIDIAN Land Services, Inc. 24 STUART ROAD, SUITE 300, P.O. BOX 804, N. WALPOLE, NH 03609-0804 (603) 445-5405 FAX: (603) 445-5412 WWW.MERIDIANLAND.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 (LOTS 10-1-9, 11 & 12)

DETAILS AND TRANSITIONS 2

INDUSTRI-PLEX SITE REMEDIAL TRUST
WOBURN, MASSACHUSETTS

AUGUST 8, 2000

SCALE: 1" = NONE

DESIGNED BY: MDP	C-18
DRAFTED BY: MDP	SHEET NO.
CHECKED BY: JCK	
FILE: 29001118.dwg	PROJECT: 2900.00
DO NOT SCALE DRAWING	SHEET 8 OF 8

Sep 26, 2008 - 8:49am dbh Land DeskTop 2004 - LDT4
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