

**INDUSTRI-PLEX SITE  
OU-1 COVER CERTIFICATION REPORT  
LOCUS OF TAX MAP LOT 10-1-5 (AKA LOT IC-18)  
N/F 20 ATLANTIC AVENUE REALTY TRUST  
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, 1986 LATEST ISSUE: JULY 26, 1994, BY WASSER, HANCOCK, BRISTOL, INC., WATERTOWN, MA.
2. "INDUSTRI-PLEX SITE - WOBURN, MASSACHUSETTS - 100% DESIGN REPORT, PART 1 - GENERAL WORK FOR SOIL, SEDIMENTS AND AIR - VOLUME 7 OF 8", PREPARED BY SOLOER ASSOCIATES, INC., LAUREL, N.J., APRIL 25, 1992.
3. "SUBDIVISION PLAN OF LAND IN WOBURN - PERFORMED BY JANA F. PERDUE - JUNE 2, 1974, SCALE 1"=40', CERT. OF TITLE NO. 182147 BOOK 891 PAGE 33, RECORDED AS PLAN NO. 73128 ON AUGUST 12 1977 IN SOUTH REDEVELOPMENT DISTRICT OF WINDHAM COUNTY, MA.
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, LOC 7312.
5. "THE COMMONWEALTH OF MASSACHUSETTS - DEPARTMENT OF HIGHWAYS - PLAN AND PROFILE OF - ROUTE I-495 INTERCHANGE - IN THE CITY OF - WOBURN - WINDHAM COUNTY - SHEETS 18-23 OF 107, SCALE 1"=40', PREPARED BY 1986, INC. PROJECT NO. 072310.
6. "THE COMMONWEALTH OF MASSACHUSETTS - PLAN OF ROAD - IN THE CITY OF - WOBURN - WINDHAM COUNTY - ALTERED AND Laid OUT AS A STATE HIGHWAY - BY THE DEPARTMENT OF HIGHWAYS", SCALE 1"=40' DATED MAY 21, 1987, ON FILE AT THE COMMONWEALTH OF MASSACHUSETTS, DEPARTMENT OF HIGHWAYS AS LAYOUT NO. 7376, PROJECT FILE NO. 072310.

**SUPPORT CONTROL NETWORK POINTS**

POINT	NORTHING	EASTING	ELEVATION	DESC.
1	896232.0	896232.0	71.29	PRIVACY
2	896232.0	896232.0	71.29	PRIVACY
3	896232.0	896232.0	71.29	PRIVACY
4	896232.0	896232.0	71.29	PRIVACY
5	896232.0	896232.0	71.29	PRIVACY
6	896232.0	896232.0	71.29	PRIVACY
7	896232.0	896232.0	71.29	PRIVACY
8	896232.0	896232.0	71.29	PRIVACY
9	896232.0	896232.0	71.29	PRIVACY
10	896232.0	896232.0	71.29	PRIVACY
11	896232.0	896232.0	71.29	PRIVACY
12	896232.0	896232.0	71.29	PRIVACY
13	896232.0	896232.0	71.29	PRIVACY
14	896232.0	896232.0	71.29	PRIVACY
15	896232.0	896232.0	71.29	PRIVACY
16	896232.0	896232.0	71.29	PRIVACY
17	896232.0	896232.0	71.29	PRIVACY
18	896232.0	896232.0	71.29	PRIVACY
19	896232.0	896232.0	71.29	PRIVACY
20	896232.0	896232.0	71.29	PRIVACY
21	896232.0	896232.0	71.29	PRIVACY
22	896232.0	896232.0	71.29	PRIVACY
23	896232.0	896232.0	71.29	PRIVACY
24	896232.0	896232.0	71.29	PRIVACY
25	896232.0	896232.0	71.29	PRIVACY
26	896232.0	896232.0	71.29	PRIVACY
27	896232.0	896232.0	71.29	PRIVACY
28	896232.0	896232.0	71.29	PRIVACY
29	896232.0	896232.0	71.29	PRIVACY
30	896232.0	896232.0	71.29	PRIVACY
31	896232.0	896232.0	71.29	PRIVACY
32	896232.0	896232.0	71.29	PRIVACY
33	896232.0	896232.0	71.29	PRIVACY
34	896232.0	896232.0	71.29	PRIVACY
35	896232.0	896232.0	71.29	PRIVACY
36	896232.0	896232.0	71.29	PRIVACY
37	896232.0	896232.0	71.29	PRIVACY
38	896232.0	896232.0	71.29	PRIVACY
39	896232.0	896232.0	71.29	PRIVACY
40	896232.0	896232.0	71.29	PRIVACY
41	896232.0	896232.0	71.29	PRIVACY
42	896232.0	896232.0	71.29	PRIVACY
43	896232.0	896232.0	71.29	PRIVACY
44	896232.0	896232.0	71.29	PRIVACY
45	896232.0	896232.0	71.29	PRIVACY
46	896232.0	896232.0	71.29	PRIVACY
47	896232.0	896232.0	71.29	PRIVACY
48	896232.0	896232.0	71.29	PRIVACY
49	896232.0	896232.0	71.29	PRIVACY
50	896232.0	896232.0	71.29	PRIVACY
51	896232.0	896232.0	71.29	PRIVACY
52	896232.0	896232.0	71.29	PRIVACY
53	896232.0	896232.0	71.29	PRIVACY
54	896232.0	896232.0	71.29	PRIVACY
55	896232.0	896232.0	71.29	PRIVACY
56	896232.0	896232.0	71.29	PRIVACY
57	896232.0	896232.0	71.29	PRIVACY
58	896232.0	896232.0	71.29	PRIVACY
59	896232.0	896232.0	71.29	PRIVACY
60	896232.0	896232.0	71.29	PRIVACY
61	896232.0	896232.0	71.29	PRIVACY
62	896232.0	896232.0	71.29	PRIVACY
63	896232.0	896232.0	71.29	PRIVACY
64	896232.0	896232.0	71.29	PRIVACY
65	896232.0	896232.0	71.29	PRIVACY
66	896232.0	896232.0	71.29	PRIVACY
67	896232.0	896232.0	71.29	PRIVACY
68	896232.0	896232.0	71.29	PRIVACY
69	896232.0	896232.0	71.29	PRIVACY
70	896232.0	896232.0	71.29	PRIVACY
71	896232.0	896232.0	71.29	PRIVACY
72	896232.0	896232.0	71.29	PRIVACY
73	896232.0	896232.0	71.29	PRIVACY
74	896232.0	896232.0	71.29	PRIVACY
75	896232.0	896232.0	71.29	PRIVACY
76	896232.0	896232.0	71.29	PRIVACY
77	896232.0	896232.0	71.29	PRIVACY
78	896232.0	896232.0	71.29	PRIVACY
79	896232.0	896232.0	71.29	PRIVACY
80	896232.0	896232.0	71.29	PRIVACY
81	896232.0	896232.0	71.29	PRIVACY
82	896232.0	896232.0	71.29	PRIVACY
83	896232.0	896232.0	71.29	PRIVACY
84	896232.0	896232.0	71.29	PRIVACY
85	896232.0	896232.0	71.29	PRIVACY
86	896232.0	896232.0	71.29	PRIVACY
87	896232.0	896232.0	71.29	PRIVACY
88	896232.0	896232.0	71.29	PRIVACY
89	896232.0	896232.0	71.29	PRIVACY
90	896232.0	896232.0	71.29	PRIVACY

**SUPPORT CONTROL NETWORK POINTS**

POINT	NORTHING	EASTING	ELEVATION	DESC.
101	896232.0	896232.0	71.29	PRIVACY
102	896232.0	896232.0	71.29	PRIVACY
103	896232.0	896232.0	71.29	PRIVACY
104	896232.0	896232.0	71.29	PRIVACY
105	896232.0	896232.0	71.29	PRIVACY
106	896232.0	896232.0	71.29	PRIVACY
107	896232.0	896232.0	71.29	PRIVACY
108	896232.0	896232.0	71.29	PRIVACY
109	896232.0	896232.0	71.29	PRIVACY
110	896232.0	896232.0	71.29	PRIVACY
111	896232.0	896232.0	71.29	PRIVACY
112	896232.0	896232.0	71.29	PRIVACY
113	896232.0	896232.0	71.29	PRIVACY
114	896232.0	896232.0	71.29	PRIVACY
115	896232.0	896232.0	71.29	PRIVACY
116	896232.0	896232.0	71.29	PRIVACY
117	896232.0	896232.0	71.29	PRIVACY
118	896232.0	896232.0	71.29	PRIVACY
119	896232.0	896232.0	71.29	PRIVACY
120	896232.0	896232.0	71.29	PRIVACY
121	896232.0	896232.0	71.29	PRIVACY
122	896232.0	896232.0	71.29	PRIVACY
123	896232.0	896232.0	71.29	PRIVACY
124	896232.0	896232.0	71.29	PRIVACY
125	896232.0	896232.0	71.29	PRIVACY
126	896232.0	896232.0	71.29	PRIVACY
127	896232.0	896232.0	71.29	PRIVACY
128	896232.0	896232.0	71.29	PRIVACY
129	896232.0	896232.0	71.29	PRIVACY
130	896232.0	896232.0	71.29	PRIVACY
131	896232.0	896232.0	71.29	PRIVACY
132	896232.0	896232.0	71.29	PRIVACY
133	896232.0	896232.0	71.29	PRIVACY
134	896232.0	896232.0	71.29	PRIVACY
135	896232.0	896232.0	71.29	PRIVACY
136	896232.0	896232.0	71.29	PRIVACY
137	896232.0	896232.0	71.29	PRIVACY
138	896232.0	896232.0	71.29	PRIVACY
139	896232.0	896232.0	71.29	PRIVACY
140	896232.0	896232.0	71.29	PRIVACY
141	896232.0	896232.0	71.29	PRIVACY
142	896232.0	896232.0	71.29	PRIVACY
143	896232.0	896232.0	71.29	PRIVACY
144	896232.0	896232.0	71.29	PRIVACY
145	896232.0	896232.0	71.29	PRIVACY
146	896232.0	896232.0	71.29	PRIVACY
147	896232.0	896232.0	71.29	PRIVACY
148	896232.0	896232.0	71.29	PRIVACY
149	896232.0	896232.0	71.29	PRIVACY
150	896232.0	896232.0	71.29	PRIVACY

**LOT & SUBLOT**

LOT #	TAX MAP	ADDRESS
1	10-1-1	10-1-1
2	10-1-2	10-1-2
3	10-1-3	10-1-3
4	10-1-4	10-1-4
5	10-1-5	10-1-5
6	10-1-6	10-1-6
7	10-1-7	10-1-7
8	10-1-8	10-1-8
9	10-1-9	10-1-9
10	10-1-10	10-1-10
11	10-1-11	10-1-11
12	10-1-12	10-1-12
13	10-1-13	10-1-13
14	10-1-14	10-1-14
15	10-1-15	10-1-15
16	10-1-16	10-1-16
17	10-1-17	10-1-17
18	10-1-18	10-1-18
19	10-1-19	10-1-19
20	10-1-20	10-1-20
21	10-1-21	10-1-21
22	10-1-22	10-1-22
23	10-1-23	10-1-23
24	10-1-24	10-1-24
25	10-1-25	10-1-25
26	10-1-26	10-1-26
27	10-1-27	10-1-27
28	10-1-28	10-1-28
29	10-1-29	10-1-29
30	10-1-30	10-1-30
31	10-1-31	10-1-31
32	10-1-32	10-1-32
33	10-1-33	10-1-33
34	10-1-34	10-1-34
35	10-1-35	10-1-35
36	10-1-36	10-1-36
37	10-1-37	10-1-37
38	10-1-38	10-1-38
39	10-1-39	10-1-39
40	10-1-40	10-1-40
41	10-1-41	10-1-41
42	10-1-42	10-1-42
43	10-1-43	10-1-43
44	10-1-44	10-1-44
45	10-1-45	10-1-45
46	10-1-46	10-1-46
47	10-1-47	10-1-47
48	10-1-48	10-1-48
49	10-1-49	10-1-49
50	10-1-50	10-1-50
51	10-1-51	10-1-51
52	10-1-52	10-1-52
53	10-1-53	10-1-53
54	10-1-54	10-1-54
55	10-1-55	10-1-55
56	10-1-56	10-1-56
57	10-1-57	10-1-57
58	10-1-58	10-1-58
59	10-1-59	10-1-59
60	10-1-60	10-1-60
61	10-1-61	10-1-61
62	10-1-62	10-1-62
63	10-1-63	10-1-63
64	10-1-64	10-1-64
65	10-1-65	10-1-65
66	10-1-66	10-1-66
67	10-1-67	10-1-67
68	10-1-68	10-1-68
69	10-1-69	10-1-69
70	10-1-70	10-1-70
71	10-1-71	10-1-71
72	10-1-72	10-1-72
73	10-1-73	10-1-73
74	10-1-74	10-1-74
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76	10-1-76	10-1-76
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78	10-1-78	10-1-78
79	10-1-79	10-1-79
80	10-1-80	10-1-80
81	10-1-81	10-1-81
82	10-1-82	10-1-82
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84	10-1-84	10-1-84
85	10-1-85	10-1-85
86	10-1-86	10-1-86
87	10-1-87	10-1-87
88	10-1-88	10-1-88
89	10-1-89	10-1-89
90	10-1-90	10-1-90
91	10-1-91	10-1-91
92	10-1-92	





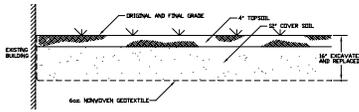
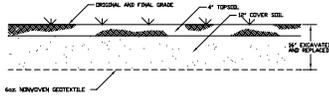


**COVER TYPE**

② & ③

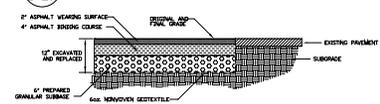
**AT GRADE ENGINEERED PERMEABLE COVER**  
(PLANTERS WITH GRASS)

NOT TO SCALE



① **TYPICAL AT GRADE ENGINEERED COVER AT BUILDING TIE-IN**  
NOT TO SCALE

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

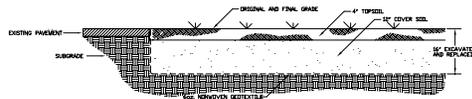
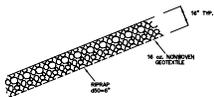


**COVER TYPE**

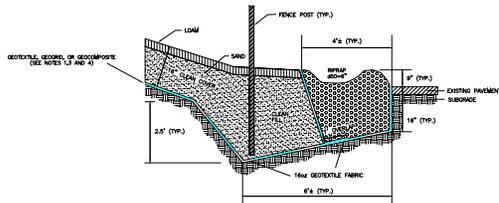
⑤

**ENGINEERED DRAINAGE SWALE/CORRAL LINED**

NOT TO SCALE



② **TYPICAL AT GRADE ENGINEERED PERMEABLE COVER AT EXISTING ASPHALT TIE-IN**  
NOT TO SCALE



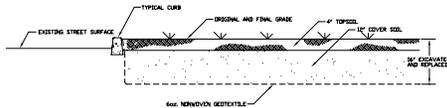
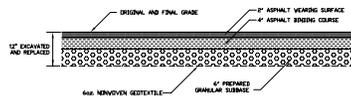
⑤ **ENGINEERED FENCE TRENCH ADJACENT TO PAVEMENT**  
NOT TO SCALE

**COVER TYPE**

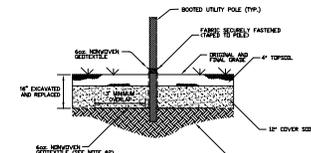
③⑤

**AT GRADE ENGINEERED ASPHALT COVER**

NOT TO SCALE



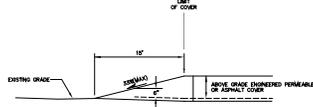
③ **TYPICAL AT GRADE ENGINEERED COVER AT CURB TIE-IN**  
NOT TO SCALE



⑥ **TYPICAL UTILITY POLE ROOT DETAIL**  
NOT TO SCALE

**TYPICAL TYPE 4 TRANSITION**

NOT TO SCALE

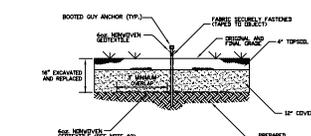


**LEGEND**

③⑤ DETAIL/CROSS SECTION DESIGNATION  
SHEET NO. WHERE DETAIL/CROSS SECTION IS PRESENTED

**NOTES**

- 1) FOR SLOPES FLATTER THAN 2:1 USE A 6-MIL NONWOVEN GEOTEXTILE. FOR SLOPES STEEPER THAN 2:1 USE A 12-MIL NONWOVEN GEOTEXTILE. SEE DETAIL/CROSS SECTION FOR ADDITIONAL INFORMATION.
- 2) FOR SLOPES 2:1 OR STEEPER, A GEOTECHNICAL DRAIN WAS INSTALLED AS FOLLOWS:
  - a) IF THE FILL IS A GEOTECHNICAL DRAIN WAS INSTALLED FROM THE ORIGINAL EXISTING SURFACE TO THE TOP OF THE COVER SOIL.
  - b) IF THE FILL IS A GEOTECHNICAL DRAIN WAS INSTALLED FROM THE ORIGINAL EXISTING SURFACE TO THE TOP OF THE COVER SOIL.
  - c) IF THE FILL IS A GEOTECHNICAL DRAIN WAS INSTALLED FROM THE ORIGINAL EXISTING SURFACE TO THE TOP OF THE COVER SOIL.
- 3) SEE SPECIFICATIONS FOR DETAILS AND MATERIALS USED.
- 4) FOR SLOPES STEEPER THAN 2:1.
- 5) PLEASE REFER TO THE REGIONAL TRANSPORTATION CENTER COVER CERTIFICATION REPORT AND ALL-STATE RECORDS FOR ADDITIONAL DETAILS RELATED TO THE REGIONAL TRANSPORTATION CENTER.



⑦ **TYPICAL GUY ANCHOR ROOT DETAIL**  
NOT TO SCALE



NO.	DATE	DESCRIPTION	BY	CHKD.
1	12/15/08	FINAL SUBMITTAL	JKM	JKM
2	12/15/08	FOR REVIEW BY STATE	JKM	JKM
3	12/15/08	FOR REVIEW BY STATE	JKM	JKM
4	12/15/08	FOR REVIEW BY STATE	JKM	JKM
5	12/15/08	FOR REVIEW BY STATE	JKM	JKM
6	12/15/08	FOR REVIEW BY STATE	JKM	JKM
7	12/15/08	FOR REVIEW BY STATE	JKM	JKM
8	12/15/08	FOR REVIEW BY STATE	JKM	JKM
9	12/15/08	FOR REVIEW BY STATE	JKM	JKM
10	12/15/08	FOR REVIEW BY STATE	JKM	JKM
11	12/15/08	FOR REVIEW BY STATE	JKM	JKM
12	12/15/08	FOR REVIEW BY STATE	JKM	JKM
13	12/15/08	FOR REVIEW BY STATE	JKM	JKM
14	12/15/08	FOR REVIEW BY STATE	JKM	JKM
15	12/15/08	FOR REVIEW BY STATE	JKM	JKM
16	12/15/08	FOR REVIEW BY STATE	JKM	JKM
17	12/15/08	FOR REVIEW BY STATE	JKM	JKM
18	12/15/08	FOR REVIEW BY STATE	JKM	JKM
19	12/15/08	FOR REVIEW BY STATE	JKM	JKM
20	12/15/08	FOR REVIEW BY STATE	JKM	JKM

PROFESSIONAL LAND SURVEYOR  
PROFESSIONAL ENGINEER

**ROUX ASSOCIATES, INC.**  
Environmental Consulting & Management

**MERIDIAN**  
Environmental Consulting & Management

**Coastal Associates**  
Environmental Consulting & Management

600-555-0880 • FAX 603-888-1199

PROJECT RECORD (TAX MAP LOT 10-1-6)  
DETAILS & TRANSITIONS  
INDUSTRIAL-PLEX SITE REMEDIATION TRUST  
WOBURN, MASSACHUSETTS

DESIGNED BY: MJP  
DRAWN BY: MJP  
CHECKED BY: JKM  
FILE: 20001010.dwg  
PROJECT: 2000.00  
SHEET: 0 OF 5

DATE PLOTTED: 12/15/08 10:00 AM PLOTTER: HP DesignJet 2400