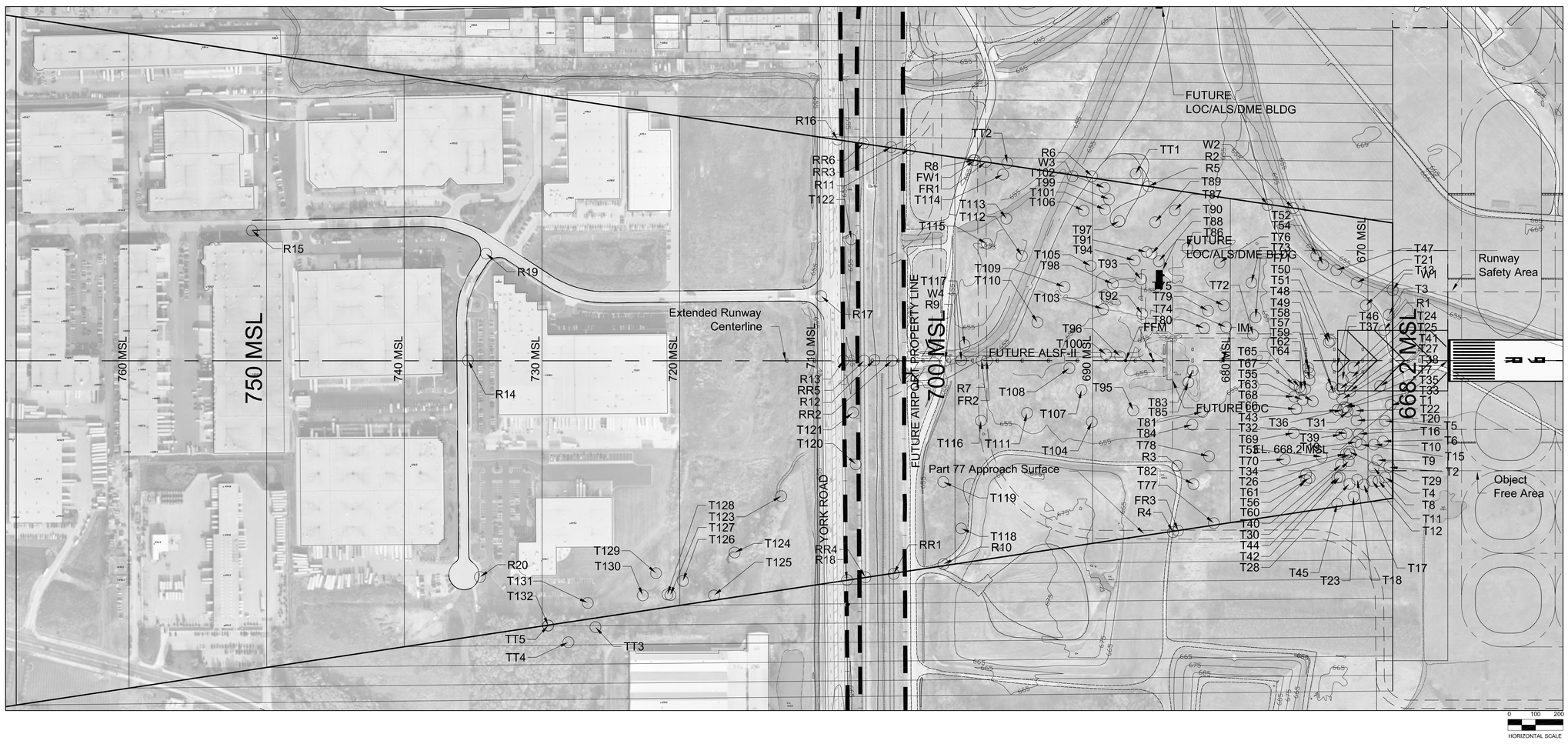

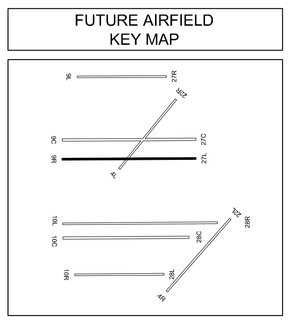

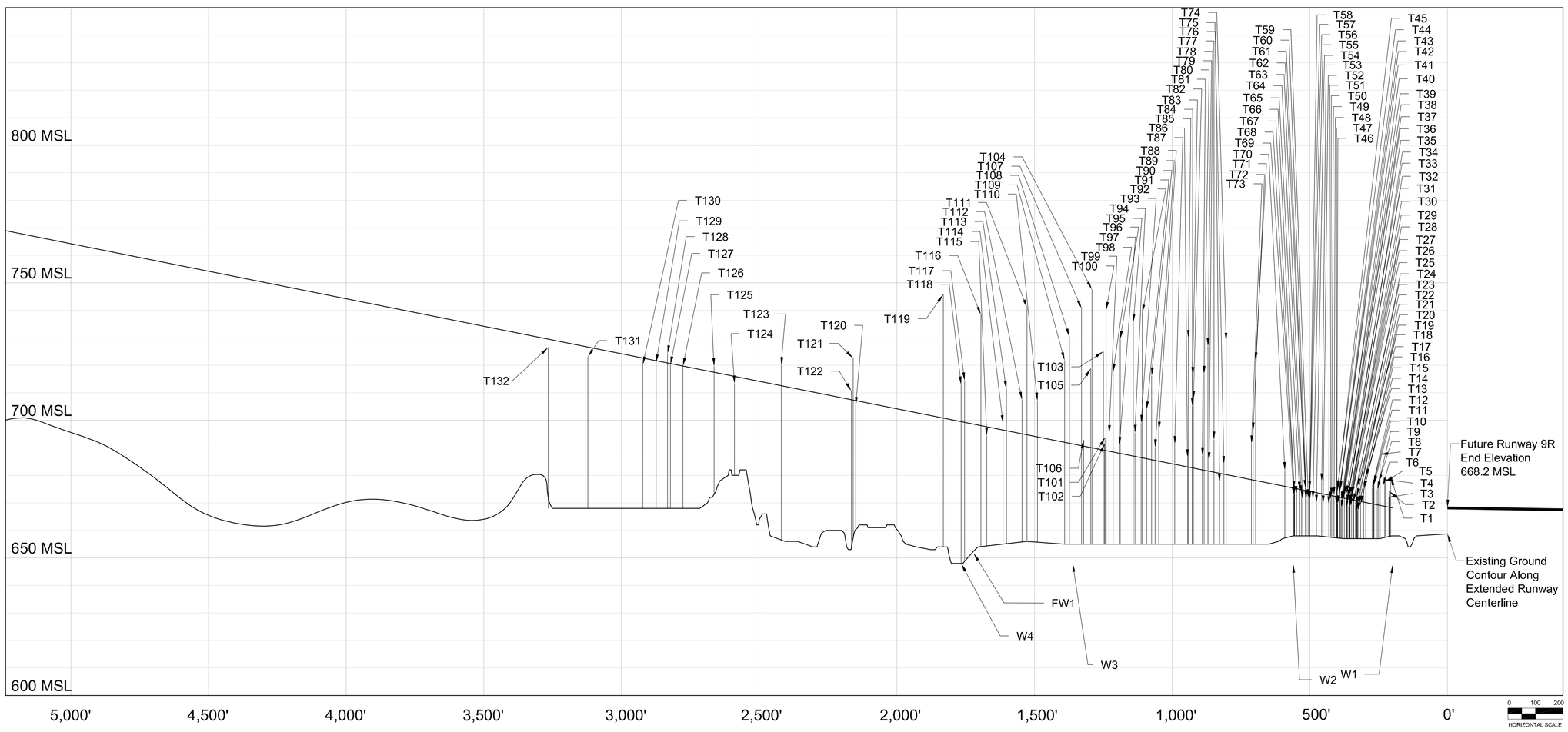

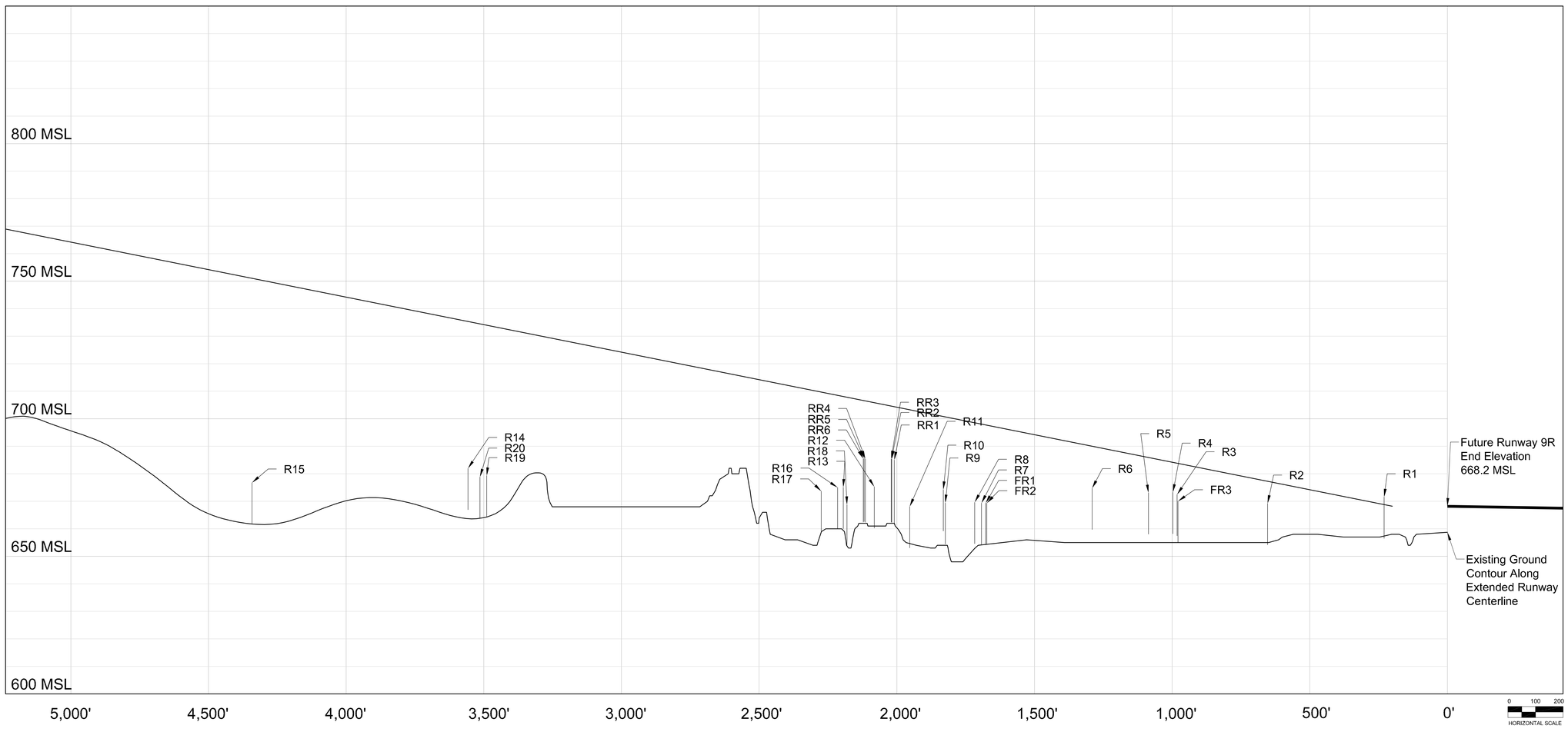

Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
TT1	Tree	707.7	15.3	Remove
TT2	Tree	698.3	1.0	Remove
TT3	Tree	740.2	9.3	Remove
TT4	Tree	740.6	2.0	Remove
TT5	Tree	726.5	3.4	Remove

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
T1	Tree Cluster	679.3	11.0	Remove
T2	Tree	674.2	5.8	Remove
T3	Tree Cluster	672.0	3.6	Remove
T4	Tree	678.5	9.8	Remove
T5	Tree Cluster	677.7	9.0	Remove
T6	Tree Cluster	676.2	7.3	Remove
T7	Tree Cluster	687.6	18.5	Remove
T8	Tree	677.4	8.2	Remove
T9	Tree	674.8	5.5	Remove
T10	Tree Cluster	676.7	7.2	Remove
T11	Tree	677.0	7.4	Remove
T12	Tree	675.4	5.8	Remove
T13	Tree Cluster	679.5	9.3	Remove
T14	Tree	675.1	4.9	Remove
T15	Tree	669.7	-0.8	Remove
T16	Tree	669.6	-1.0	Remove
T17	Tree	667.3	-3.4	Remove
T18	Tree	676.0	5.2	Remove
T19	Tree	672.3	1.5	Remove
T20	Tree	669.4	-1.4	Remove
T21	Tree Cluster	667.3	-3.5	Remove
T22	Tree	669.1	-1.8	Remove
T23	Tree	673.1	2.1	Remove
T24	Tree	670.5	-0.6	Remove
T25	Tree	672.8	1.7	Remove
T26	Tree	668.7	-2.6	Remove
T27	Tree	670.0	-1.21	Remove
T28	Tree	672.7	1.4	Remove
T29	Tree	669.8	-1.5	Remove
T30	Tree	668.7	-2.7	Remove
T31	Tree	671.9	0.4	Remove
T32	Tree	670.0	-1.5	Remove
T33	Tree	673.3	1.8	Remove
T34	Tree	667.9	-3.7	Remove
T35	Tree	673.0	1.4	Remove
T36	Tree	671.1	-0.7	Remove
T37	Tree	671.9	-0.1	Remove
T38	Tree	671.5	-0.3	Remove
T39	Tree	671.2	-0.7	Remove
T40	Tree	668.1	-3.7	Remove
T41	Tree	674.8	2.8	Remove
T42	Tree	674.2	2.2	Remove
T43	Tree	669.7	-2.4	Remove
T44	Tree	675.2	3.0	Remove
T45	Tree	674.1	1.9	Remove
T46	Tree	669.5	-2.8	Remove
T47	Tree	669.6	-2.7	Remove
T48	Tree	672.9	0.4	Remove
T49	Tree	672.5	-0.1	Remove
T50	Tree	671.1	-1.6	Remove
T51	Tree	669.4	-3.4	Remove
T52	Tree	669.7	-3.5	Remove
T53	Tree	677.8	4.4	Remove
T54	Tree	670.0	-3.7	Remove
T55	Tree	671.4	-2.6	Remove
T56	Tree	671.2	-3.0	Remove
T57	Tree	674.9	0.7	Remove
T58	Tree	670.6	-3.6	Remove
T59	Tree	671.9	-2.4	Remove
T60	Tree	671.3	-3.2	Remove
T61	Tree	671.3	-3.2	Remove
T62	Tree	675.4	0.9	Remove
T63	Tree	671.2	-3.5	Remove
T64	Tree	673.4	-1.4	Remove
T65	Tree	674.7	-0.2	Remove
T66	Tree	673.1	-2.1	Remove
T67	Tree	673.2	-2.2	Remove
T68	Tree	674.9	-0.4	Remove
T69	Tree	672.7	-2.6	Remove
T70	Tree	681.8	5.8	Remove
T71	Tree Cluster	721.7	43.5	Remove
T72	Tree Cluster	696.2	17.9	Remove
T73	Tree Cluster	691.5	13.1	Remove
T74	Tree Cluster	728.8	48.5	Remove
T75	Tree Cluster	684.0	3.6	Remove
T76	Tree Cluster	677.5	-3.2	Remove
T77	Tree Cluster	693.0	11.8	Remove
T78	Tree Cluster	685.4	3.9	Remove
T79	Tree Cluster	726.9	45.3	Remove
T80	Tree Cluster	716.8	34.9	Remove
T81	Tree Cluster	687.2	5.2	Remove
T82	Tree Cluster	707.7	25.1	Remove
T83	Tree Cluster	716.4	33.7	Remove
T84	Tree Cluster	705.1	22.4	Remove
T85	Tree Cluster	729.8	46.8	Remove
T86	Tree	686.5	3.4	Remove
T87	Tree	691.3	7.3	Remove
T88	Tree	696.5	11.3	Trim
T89	Tree Cluster	690.1	4.7	Trim
T90	Tree	716.2	30.5	Remove
T91	Tree	703.9	17.8	Remove
T92	Tree Cluster	739.1	52.7	Remove
T93	Tree	699.0	12.6	Remove
T94	Tree	695.4	8.5	Trim
T95	Tree Cluster	735.5	48.5	Remove
T96	Tree Cluster	729.5	41.5	Remove
T97	Tree Cluster	691.0	2.9	Trim
T98	Tree Cluster	717.6	29.1	Remove
T99	Tree Cluster	695.3	6.5	Trim
T100	Tree Cluster	740.0	51.0	Remove
T101	Tree Cluster	693.8	4.7	Trim
T102	Tree Cluster	691.5	2.4	Trim
T103	Tree Cluster	725.0	35.8	Remove
T104	Tree Cluster	747.5	57.5	Remove
T105	Tree Cluster	718.8	28.7	Remove
T106	Tree Cluster	692.9	2.3	Trim
T107	Tree Cluster	740.7	49.9	Remove
T108	Tree Cluster	730.4	38.7	Remove
T109	Tree Cluster	721.8	29.8	Remove
T110	Tree Cluster	707.1	13.1	Remove
T111	Tree Cluster	741.0	46.2	Remove
T112	Tree Cluster	707.4	12.3	Remove
T113	Tree Cluster	711.2	15.0	Remove
T114	Tree Cluster	698.9	2.7	Trim
T115	Tree Cluster	694.4	-3.3	Remove
T116	Tree Cluster	738.4	40.3	Remove
T117	Tree	714.4	15.2	Remove
T118	Tree Cluster	713.0	13.4	Remove
T119	Tree Cluster	745.8	45.0	Remove
T120	Tree Cluster	705.5	-1.7	Trim
T121	Tree Cluster	722.6	15.2	Remove
T122	Tree Cluster	710.7	3.2	Trim
T123	Tree	720.0	7.4	Trim
T124	Tree Cluster	713.3	-2.6	Trim
T125	Tree Cluster	719.6	2.1	Trim
T126	Tree Cluster	719.7	0.0	Trim
T127	Tree	720.2	-0.4	Trim
T128	Tree	724.3	3.4	Trim
T129	Tree Cluster	720.9	-0.7	Trim
T130	Tree Cluster	720.2	-2.4	Trim
T131	Tree Cluster	723.1	-3.5	Trim
T132	Tree Cluster	726.5	-3.0	Trim
W1	Water	647.6	-20.6	N/A
W2	Water	647.7	-27.7	N/A
W3	Water	648.0	-43.5	N/A
W4	Water	647.9	-51.6	N/A
FW1	Future Water	651.8	-46.9	N/A

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
R1	Road	671.5	2.7	Remove
R2	Road	669.2	-8.0	N/A
R3	Road	672.3	-11.4	N/A
R4	Road	673.3	-10.9	N/A
R5	Road	673.1	-12.9	N/A
R6	Road	674.8	-15.3	N/A
R7	Road	669.4	-28.7	N/A
R8	Road	669.6	-28.9	N/A
R9	Road	669.4	-31.2	N/A
R10	Road	674.2	-26.6	N/A
R11	Road	668.1	-35.2	N/A
R12	Road	675.3	-30.5	N/A
R13	Road	675.1	-33.0	N/A
R14	Road	682.0	-53.4	N/A
R15	Road	676.8	-74.3	N/A
R16	Road	675.0	-33.4	N/A
R17	Road	673.7	-35.9	N/A
R18	Road	668.7	-39.0	N/A
R19	Road	679.3	-54.5	N/A
R20	Road	678.8	-55.6	N/A
FR1	Future Road	669.1 [est.]	-28.4 [est.]	N/A
FR2	Future Road	669.3 [est.]	-28.3 [est.]	N/A
FR3	Future Road	670.0 [est.]	-13.7 [est.]	N/A
RR1	Railroad	685.2	-19.4	N/A
RR2	Railroad	685.4	-19.2	N/A
RR3	Railroad	685.4	-19.2	N/A
RR4	Railroad	662.4	-21.1	N/A
RR5	Railroad	662.6	-21.0	N/A
RR6	Railroad	662.5	-21.1	N/A

O'Hare Modernization Program

CHICAGO Airport System
RICHARD M. DALEY, MAYOR

FUTURE RUNWAY 9R APPROACH SURFACE

No	Revisions	Date

O'Hare International Airport

MAGNETIC NORTH DECLINATION = 2.8° W (SEPTEMBER 23, 2003)
TRUE NORTH
GRAPHICAL SCALE IN FEET
ALL DRAWING ELEVATIONS IN FEET

DRAWN BY: WGS/MNT
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 23 of 50

Drawing: \\CHISERVER\Project\Chicago\ORD\OMP\ALP-DrawingSet-FINAL \23-9R-Obstructions.dwg_Layout: 9R_Oct 06, 2003, 10:23pm