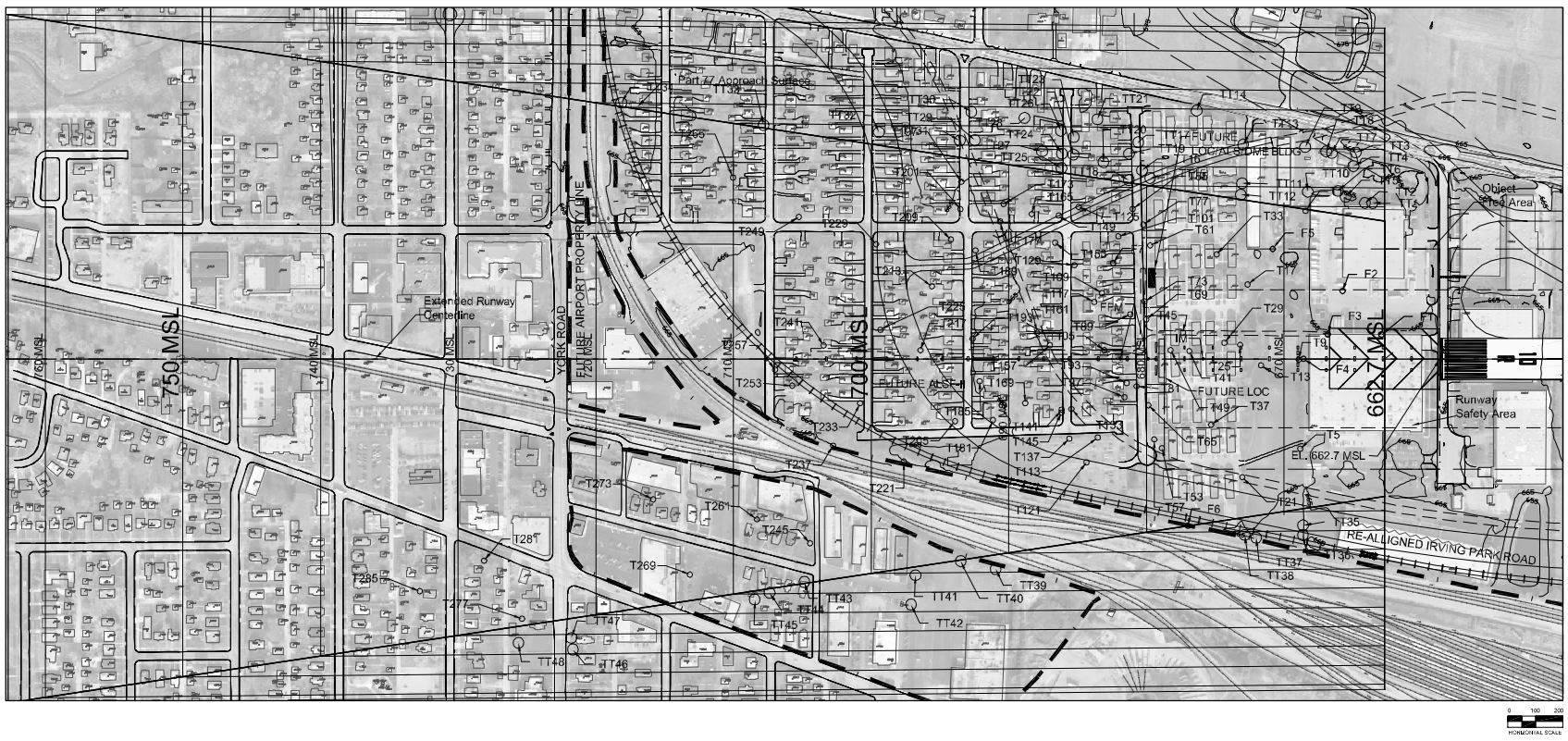
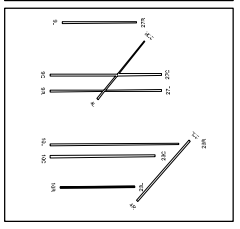
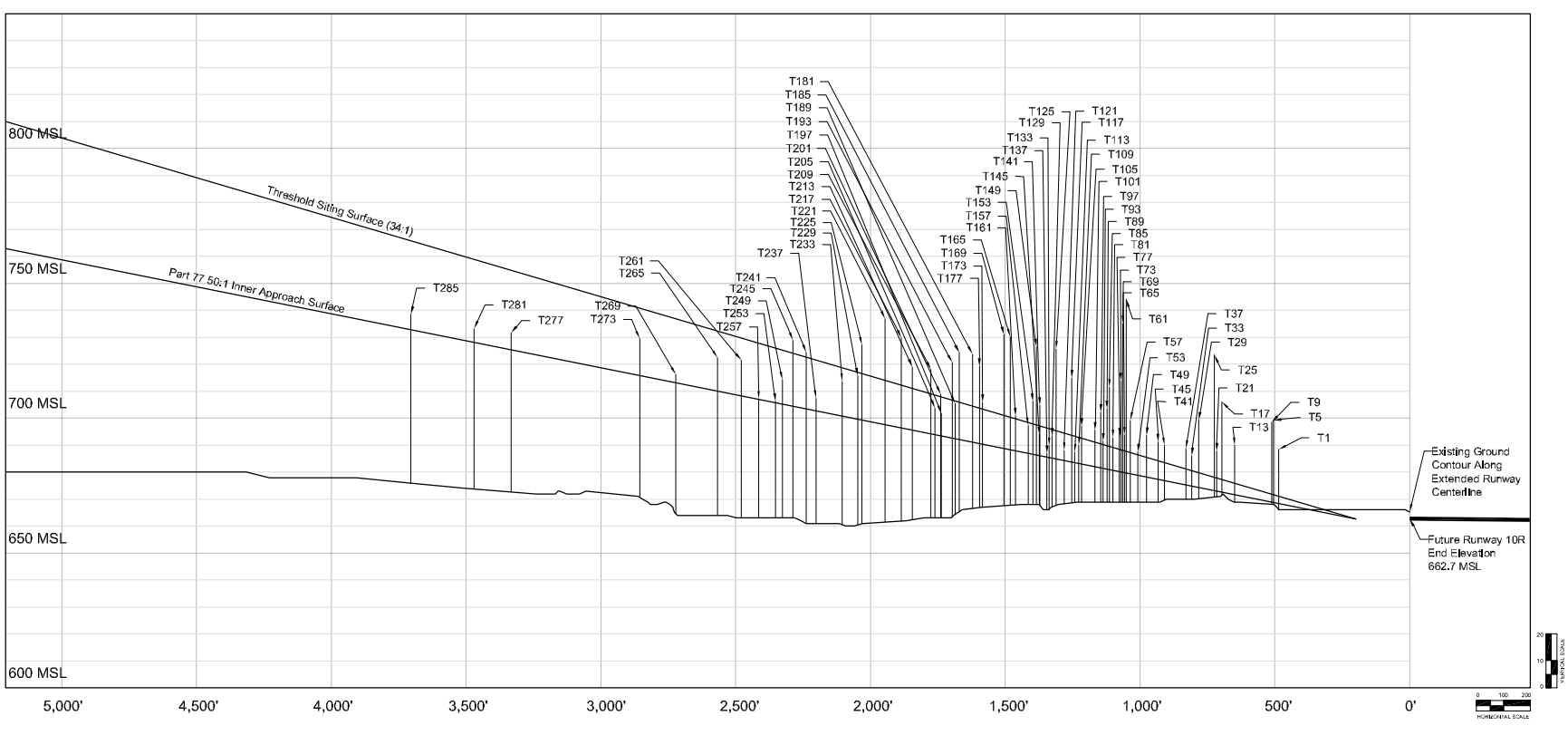


FUTURE AIRFIELD
KEY MAP



Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Penetration	Resolution
T11	Tree	676.2	4.3	Remove
T12	Tree	679.9	4.0	Remove
T13	Tree	702.8	4.7	Remove
T14	Tree	699.8	8.9	Remove
T15	Tree	679.2	4.2	Remove
T16	Tree	680.8	2.9	Remove
T17	Tree	698.4	0.8	Remove
T18	Tree	704.4	6.1	Remove
T19	Tree	713.0	12.8	Remove
T110	Tree	700.4	23.0	Remove
T111	Tree	708.8	27.5	Remove
T112	Tree	705.5	30.2	Remove
T113	Tree	715.5	14.1	Remove
T114	Tree	723.3	406	Remove
T115	Tree	718.1	31.7	Remove
T116	Tree	705.9	18.6	Remove
T117	Tree	708.9	7.0	Remove
T118	Tree	698.3	16.1	Remove
T119	Tree	701.1	5.3	Remove
T120	Tree	725.1	33.8	Remove
T121	Tree	720.9	7.4	Remove
T122	Tree	712.3	17.3	Remove
T123	Tree	722.0	17.9	Remove
T124	Tree	706.9	11.4	Remove
T125	Tree	697.2	9.3	Remove
T126	Tree	716.8	9.4	Remove
T127	Tree	699.2	2.7	Remove
T128	Tree	722.4	8.7	Remove
T129	Tree	702.3	0.3	Remove
T130	Tree	717.4	0.8	Remove
T131	Tree	703.5	1.9	Remove
T132	Tree	721.8	16.4	Remove
T133	Tree	710.1	1.8	Remove
T134	Tree	722.8	3.9	Remove
T135	Tree	686.5	9.1	Remove
T136	Tree	683.7	1.2	Remove
T137	Tree	695.0	11.4	Remove
T138	Tree	696.2	14.0	Remove
T139	Tree	709.8	10.9	Remove
T140	Tree	711.1	16.3	Remove
T141	Tree	718.5	16.6	Remove
T142	Tree	738.8	21.7	Remove
T143	Tree	716.6	11.6	Remove
T144	Tree	713.6	3.2	Remove
T145	Tree	717.7	3.8	Remove
T146	Tree	740.6	1.4	Remove
T147	Tree	734.0	0.9	Remove
T148	Tree	740.6	5.1	Remove



Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Surface Penetration	Threshold Siting Surface Penetration	Resolution
T1	Tree	688.4	19.9	Yes	Remove
T5	Tree	699.2	30.3	Yes	Remove
T9	Tree	696.6	29.7	Yes	Remove
T13	Tree	689.9	18.2	Yes	Remove
T17	Tree	706.1	33.4	Yes	Remove
T21	Tree	687.7	14.7	Yes	Remove
T25	Tree Cluster	723.5	50.3	Yes	Remove
T29	Tree Cluster	699.4	28.1	Yes	Remove
T33	Tree	686.1	11.2	Yes	Remove
T37	Tree	688.8	13.5	Yes	Remove
T41	Tree	689.9	13.0	Yes	Remove
T45	Tree Cluster	691.2	13.9	Yes	Remove
T49	Tree	693.7	15.4	Yes	Remove
T53	Tree	687.5	8.6	Yes	Remove
T57	Tree	690.3	19.9	Yes	Remove
T61	Tree	744.2	64.5	Yes	Remove
T65	Tree	693.8	14.0	Yes	Remove
T69	Tree	735.2	55.2	Yes	Remove
T73	Tree	713.9	33.8	Yes	Remove
T77	Tree	694.7	14.5	Yes	Remove
T81	Tree Cluster	692.7	12.0	Yes	Remove
T85	Tree Cluster	711.6	30.6	Yes	Remove
T89	Tree Cluster	703.5	22.3	Yes	Remove
T93	Tree Cluster	691.5	10.1	Yes	Remove
T97	Tree Cluster	702.3	20.7	Yes	Remove
T101	Tree	685.5	13.4	Yes	Remove
T105	Tree Cluster	697.1	14.1	No	Remove
T109	Tree Cluster	690.0	6.8	No	Remove
T113	Tree	687.3	3.8	Yes	Remove
T117	Tree	715.0	31.2	No	Remove
T121	Tree Cluster	688.1	2.7	Yes	Remove
T125	Tree Cluster	728.6	40.7	No	Remove
T129	Tree Cluster	693.5	8.2	No	Remove
T133	Tree Cluster	689.6	4.4	No	Remove
T137	Tree Cluster	687.0	1.4	Yes	Remove
T141	Tree Cluster	704.9	18.7	No	Remove
T145	Tree	694.0	7.8	Yes	Remove
T149	Tree Cluster	728.4	40.0	Yes	Remove
T153	Tree Cluster	706.3	19.6	No	Remove
T157	Tree Cluster	697.3	10.3	Yes	Remove
T161	Tree	700.9	12.9	Yes	Remove
T165	Tree Cluster	730.1	41.8	Yes	Remove
T169	Tree Cluster	731.0	42.2	Yes	Remove
T173	Tree Cluster	705.9	15.5	Yes	Remove
T177	Tree	719.2	28.6	Yes	Remove
T181	Tree	723.8	32.6	Yes	Remove
T185	Tree	724.3	32.1	No	Remove
T189	Tree Cluster	705.5	13.0	Yes	Remove
T193	Tree Cluster	720.7	28.1	Yes	Remove
T197	Tree Cluster	701.9	8.4	No	Remove
T201	Tree	708.9	15.4	Yes	Remove
T205	Tree Cluster	703.8	9.9	Yes	Remove
T209	Tree	718.1	23.9	Yes	Remove
T213	Tree Cluster	719.0	23.4	Yes	Remove
T217	Tree Cluster	728.5	33.4	Yes	Remove
T221	Tree Cluster	736.9	39.3	No	Remove
T225	Tree	727.2	27.9	No	Remove
T229	Tree	715.8	16.2	No	Remove
T233	Tree	713.7	12.9	Yes	Remove
T237	Tree Cluster	707.4	4.7	Yes	Remove
T241	Tree Cluster	724.4	21.0	No	Remove
T245	Tree Cluster	738.9	24.4	No	Remove
T249	Tree Cluster	714.2	8.9	No	Remove
T253	Tree	706.2	0.9	No	Remove
T257	Tree	707.1	0.1	No	Remove
T261	Tree Cluster	721.5	13.2	No	Remove
T265	Tree Cluster	722.5	12.4	No	Remove
T269	Tree	716.2	3.1	No	Remove
T273	Tree	729.4	13.6	No	Remove
T277	Tree Cluster	731.6	6.2	No	Remove
T281	Tree Cluster	733.2	5.1	No	Remove
T285	Tree	738.6	5.6	No	Remove

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Surface Penetration	Threshold Siting Surface Penetration	Resolution
F1	Fence	666.6	3.7	Yes	Remove
F2	Fence	678.1	12.3	Yes	Remove
F3	Fence	667.8	1.0	No	Remove
F4	Fence	672.8	4.2	Yes	Remove
F5	Fence	674.4	3.6	No	Remove
F6	Fence	671.1	-0.9	No	N/A
F7	Fence	683.8	1.1	No	Remove

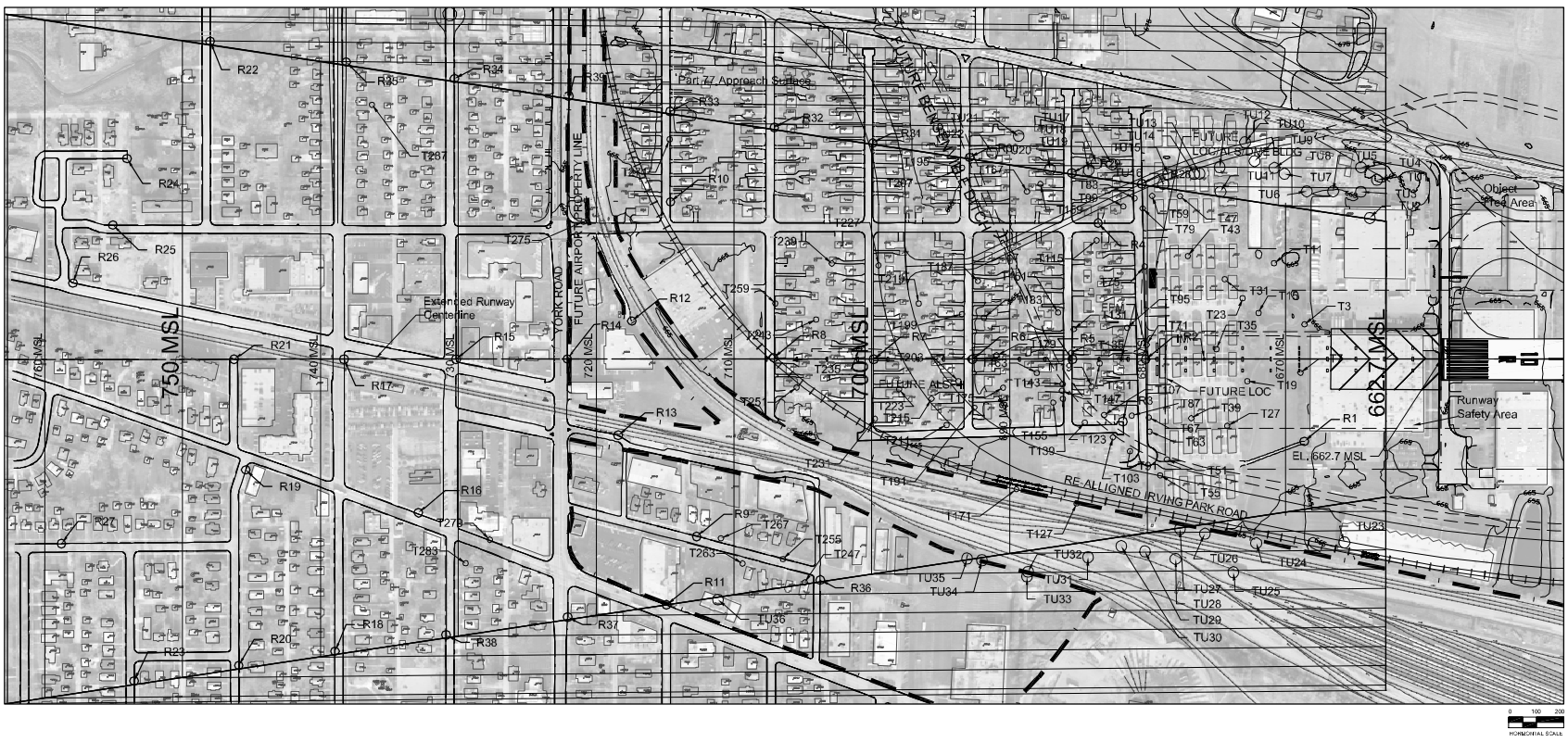
FUTURE RUNWAY 10R APPROACH SURFACE (1 of 6)

No.	Revisions	Date

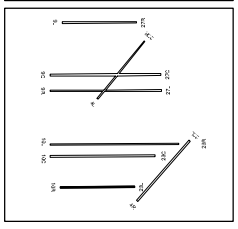
O'Hare International Airport

DRAWN BY: WGS/MNT
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 29 of 50

Drawing Z:\Chicago\ORD\OMP\ALP-DrawingSet-FINAL\29-10R-e-Obstructions.dwg, Layout: 10R_Nov 25, 2008, 1:14pm

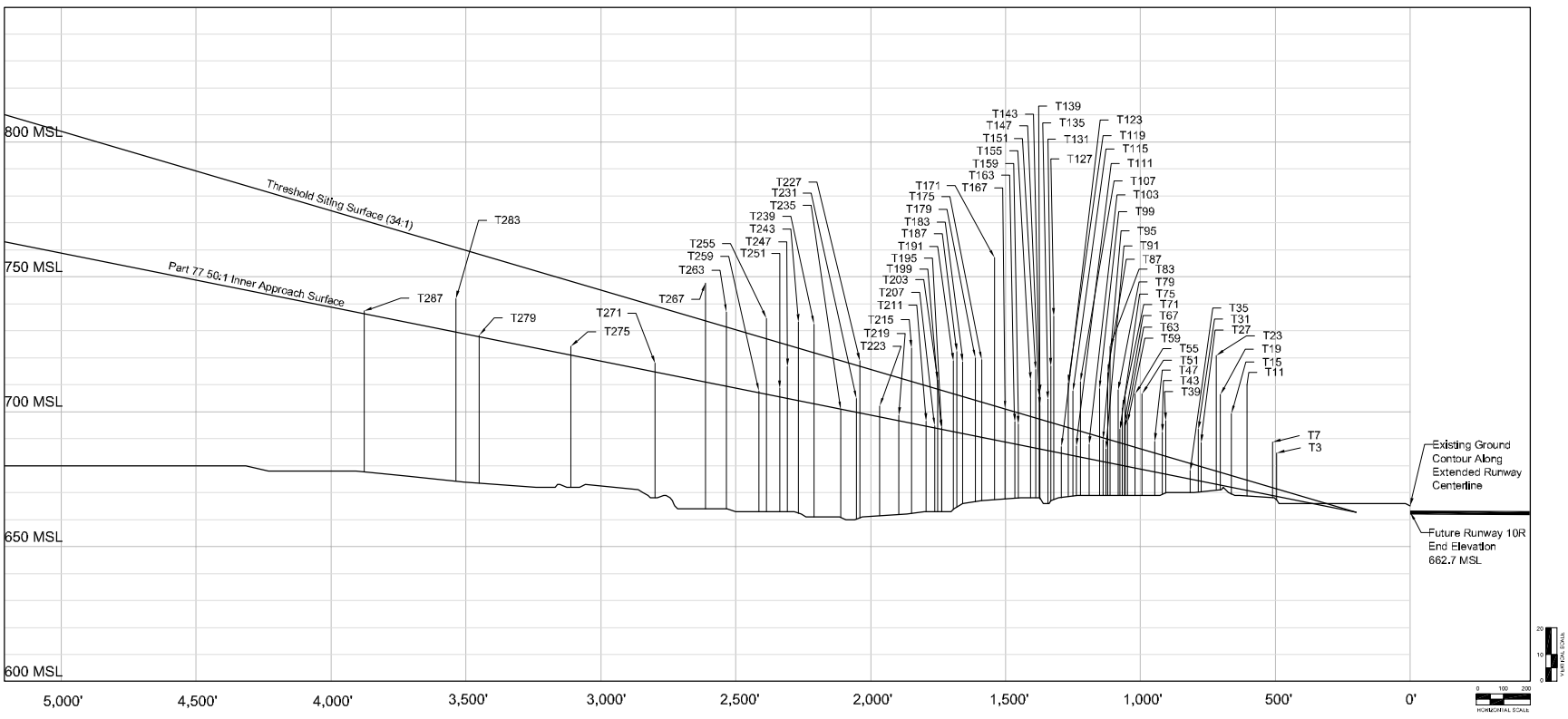


FUTURE AIRFIELD KEY MAP



Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Penetration	Resolution
TU1	Light Pole	693.4	9.3	Remove
TU2	Light Pole	699.6	35.4	Remove
TU3	Light Pole	697.1	19.4	Remove
TU4	Light Pole	695.9	5.5	Remove
TU5	Light Pole	696.8	19.0	Remove
TU6	Light Pole	689.8	12.2	Remove
TU7	Light Pole	692.9	6.4	Remove
TU8	Light Pole	700.6	11.1	Remove
TU9	Light Pole	698.2	2.3	Remove
TU10	Light Pole	713.7	11.1	Remove
TU11	Light Pole	700.5	23.6	Remove
TU12	Light Pole	700.0	10.5	Remove
TU13	Light Pole	700.0	13.9	Remove
TU14	Light Pole	699.8	14.0	Remove
TU15	Light Pole	698.4	13.0	Remove
TU16	Light Pole	698.9	18.9	Remove
TU17	Light Pole	691.9	1.3	Remove
TU18	Light Pole	702.9	12.1	Remove
TU19	Light Pole	690.7	3.8	Remove
TU20	Light Pole	688.2	0.9	Remove
TU21	Light Pole	704.5	0.1	Remove
TU22	Light Pole	696.0	0.4	Remove
TU23	Light Pole	701.3	15.1	Remove
TU24	Light Pole	699.3	13.1	N/A
TU25	Light Pole	703.8	2.6	N/A
TU26	Light Pole	691.6	0.5	N/A
TU27	Light Pole	692.3	13.8	N/A
TU28	Light Pole	697.1	3.0	N/A
TU29	Light Pole	711.0	20.9	N/A
TU30	Light Pole	707.5	20.2	N/A
TU31	Light Pole	702.8	9.9	N/A
TU32	Light Pole	723.8	23.8	N/A
TU33	Light Pole	725.7	23.1	N/A
TU34	Light Pole	697.3	3.3	N/A
TU35	Light Pole	719.6	26.5	N/A
TU36	Light Pole	737.7	24.2	Remove



Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Surface Penetration	Threshold Siting Surface Penetration	Resolution
T3	Tree Cluster	684.7	16.1	Yes	Remove
T7	Tree Cluster	688.7	19.8	Yes	Remove
T11	Tree	710.0	39.2	Yes	Remove
T15	Tree	699.3	27.3	Yes	Remove
T19	Tree	706.3	33.5	Yes	Remove
T23	Tree	720.8	47.7	Yes	Remove
T27	Tree	688.5	14.3	Yes	Remove
T31	Tree Cluster	700.7	26.3	Yes	Remove
T35	Tree	687.2	3.2	No	Remove
T39	Tree	696.7	19.9	Yes	Remove
T43	Tree	692.4	19.3	Yes	Remove
T47	Tree	689.1	11.4	Yes	Remove
T51	Tree	706.7	28.1	Yes	Remove
T55	Tree	706.7	27.3	Yes	Remove
T59	Tree	696.0	16.3	Yes	Remove
T63	Tree	705.5	25.3	Yes	Remove
T67	Tree	696.1	16.2	Yes	Remove
T71	Tree	701.4	21.3	Yes	Remove
T75	Tree	693.5	13.3	Yes	Remove
T79	Tree	708.1	27.8	Yes	Remove
T83	Tree	734.3	43.3	Yes	Remove
T87	Tree Cluster	714.5	33.4	Yes	Remove
T91	Tree Cluster	686.1	4.6	Yes	Remove
T95	Tree	689.6	8.1	No	Remove
T99	Tree Cluster	708.6	26.8	No	Remove
T103	Tree Cluster	687.9	9.4	Yes	Remove
T107	Tree Cluster	711.2	52.1	No	Remove
T111	Tree Cluster	687.9	3.8	Yes	Remove
T115	Tree	707.7	2.0	No	Remove
T119	Tree	710.7	26.7	Yes	Remove
T123	Tree Cluster	687.1	2.6	Yes	Remove
T127	Tree Cluster	738.4	90.3	No	Remove
T131	Tree Cluster	716.9	31.6	Yes	Remove
T135	Tree Cluster	704.6	19.0	Yes	Remove
T139	Tree Cluster	707.0	20.8	Yes	Remove
T143	Tree Cluster	702.8	16.1	Yes	Remove
T147	Tree Cluster	705.7	19.5	Yes	Remove
T151	Tree Cluster	718.6	29.1	Yes	Remove
T155	Tree	711.7	24.9	Yes	Remove
T159	Tree Cluster	695.5	7.7	Yes	Remove
T163	Tree	696.3	8.3	No	Remove
T167	Tree	701.0	12.3	No	Remove
T171	Tree Cluster	737.1	67.6	Yes	Remove
T175	Tree	719.3	28.9	Yes	Remove
T179	Tree	720.0	29.1	Yes	Remove
T183	Tree Cluster	718.5	26.6	Yes	Remove
T187	Tree Cluster	722.3	30.0	Yes	Remove
T191	Tree	718.8	26.2	Yes	Remove
T199	Tree Cluster	694.2	0.7	No	Remove
T199	Tree	693.9	0.4	Yes	Remove
T203	Tree	711.8	18.1	Yes	Remove
T207	Tree	694.8	0.7	No	Remove
T211	Tree	696.5	1.9	No	Remove
T219	Tree Cluster	723.6	27.9	No	Remove
T219	Tree	698.8	2.0	No	Remove
T223	Tree	702.1	4.1	No	Remove
T227	Tree	718.8	19.3	Yes	Remove
T231	Tree	704.9	5.1	No	Remove
T235	Tree	700.7	0.1	No	Remove
T239	Tree Cluster	732.5	29.3	Yes	Remove
T243	Tree Cluster	733.2	29.2	Yes	Remove
T247	Tree Cluster	716.8	11.8	No	Remove
T251	Tree	708.7	3.2	No	Remove
T255	Tree Cluster	734.6	28.2	Yes	Remove
T259	Tree	707.6	0.6	No	Remove
T263	Tree Cluster	736.9	27.5	Yes	Remove
T267	Tree	747.7	36.7	Yes	Remove
T271	Tree	717.9	3.2	No	Remove
T279	Tree	724.3	3.4	No	Remove
T279	Tree	728.4	0.7	No	Remove
T283	Tree Cluster	741.8	12.4	No	Remove
T287	Tree Cluster	737.3	1.1	No	Remove

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Surface Penetration	Threshold Siting Surface Penetration	Resolution
R1	Road	681.1	12.4	Yes	Remove
R2	Road	682.3	2.1	No	Remove
R3	Road	683.3	1.5	No	Remove
R4	Road	685.3	1.7	No	Remove
R5	Road	681.0	-4.5	No	N/A
R6	Road	678.8	-13.9	No	N/A
R7	Road	675.4	-24.5	No	N/A
R8	Road	677.5	-29.6	No	N/A
R9	Road	689.2	-23.5	No	N/A
R10	Road	692.8	-22.1	No	N/A
R11	Road	685.4	-32.0	No	N/A
R12	Road	687.8	-30.6	No	N/A
R13	Road	686.3	-35.8	No	N/A
R14	Road	688.1	-36.7	No	N/A
R15	Road	687.8	-42.4	No	N/A
R16	Road	692.7	-40.2	No	N/A
R17	Road	678.8	-44.5	No	N/A
R18	Road	673.7	-50.2	No	N/A
R19	Road	682.5	-47.9	No	N/A
R20	Road	673.6	-57.3	No	N/A
R21	Road	679.6	-51.7	No	N/A
R22	Road	662.3	-70.7	No	N/A
R23	Road	676.3	-62.2	No	N/A
R24	Road	666.0	-73.0	No	N/A
R25	Road	668.0	-72.1	No	N/A
R26	Road	673.6	-69.3	No	N/A
R27	Road	677.0	-66.8	No	N/A
R28	Road	684.0	3.5	No	Remove
R29	Road	681.0	-4.4	No	N/A
R30	Road	678.0	-14.9	No	N/A
R31	Road	675.0	-24.9	No	N/A
R32	Road	677.5	-29.2	No	N/A
R33	Road	683.3	-31.6	No	N/A
R34	Road	689.7	-40.5	No	N/A
R35	Road	693.0	-44.7	No	N/A
R36	Road	676.7	-27.0	No	N/A
R37	Road	687.3	-34.9	No	N/A
R38	Road	690.0	-40.8	No	N/A
R39	Road	687.5	-34.3	No	N/A

FUTURE RUNWAY 10R APPROACH SURFACE (2 of 6)

No	Revisions	Date

O'Hare International Airport

DRAWN BY: WGS/MNT

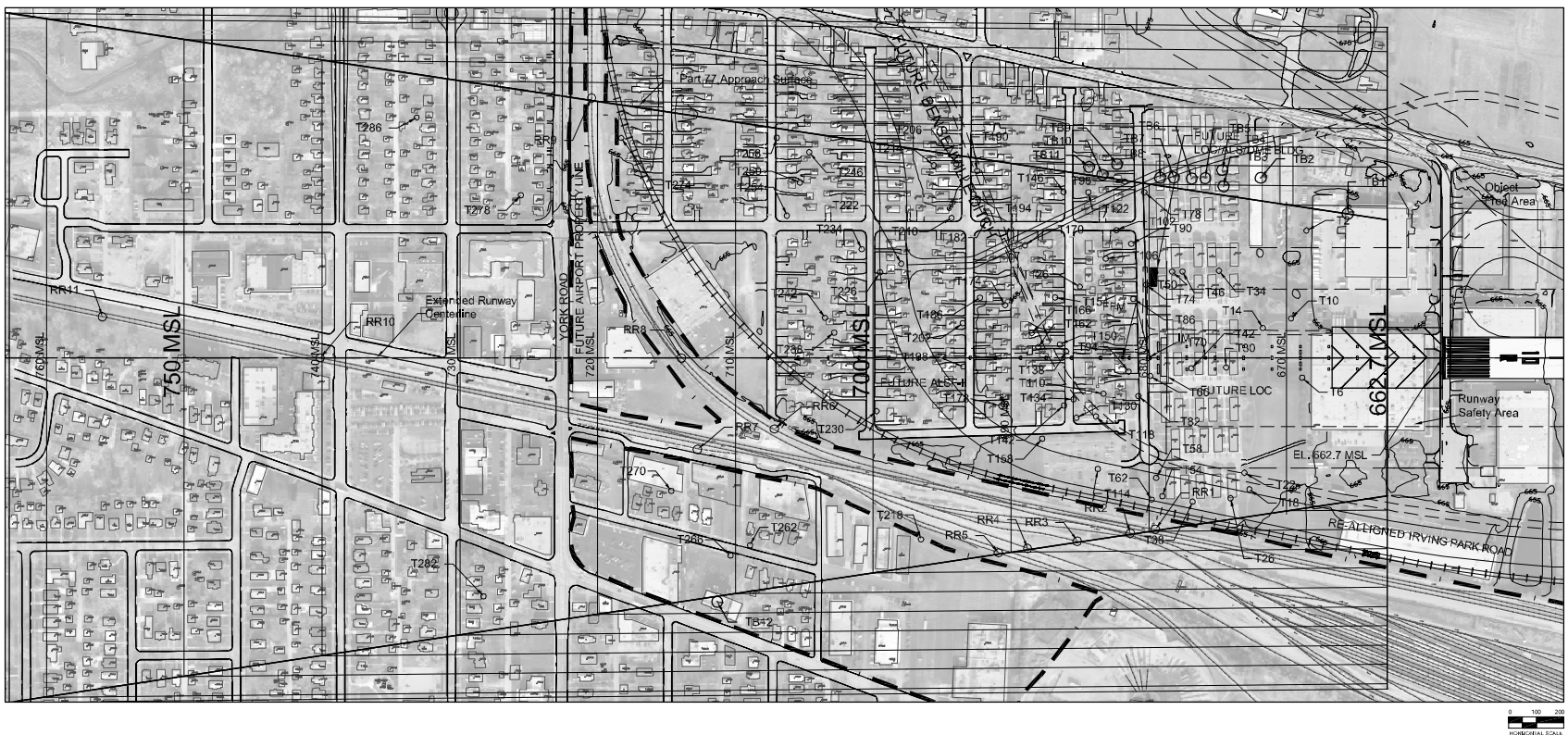
CHECKED BY: FG

PREPARED BY: Ricondo & Associates, Inc.

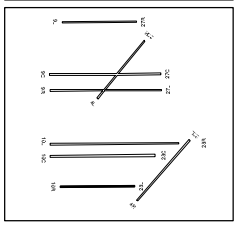
October 2003

Sheet 30 of 50

Drawing Z: \Chicago\ORD\OMP\ALP-Drawing\Set-FINAL 130-10R-L-Obstructions.dwg, Layout: 10R, Nov 25, 2003, 1:19pm

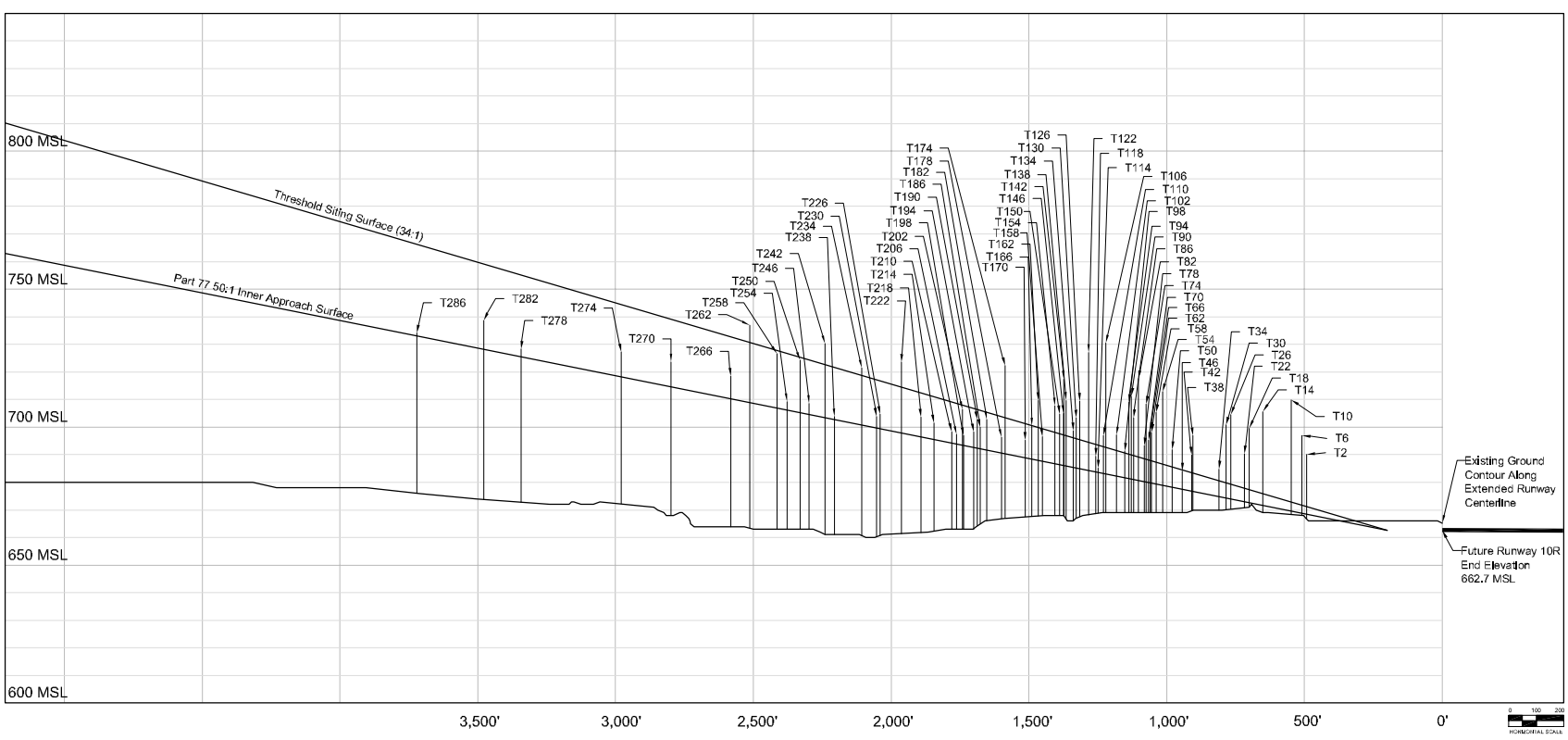


FUTURE AIRFIELD KEY MAP



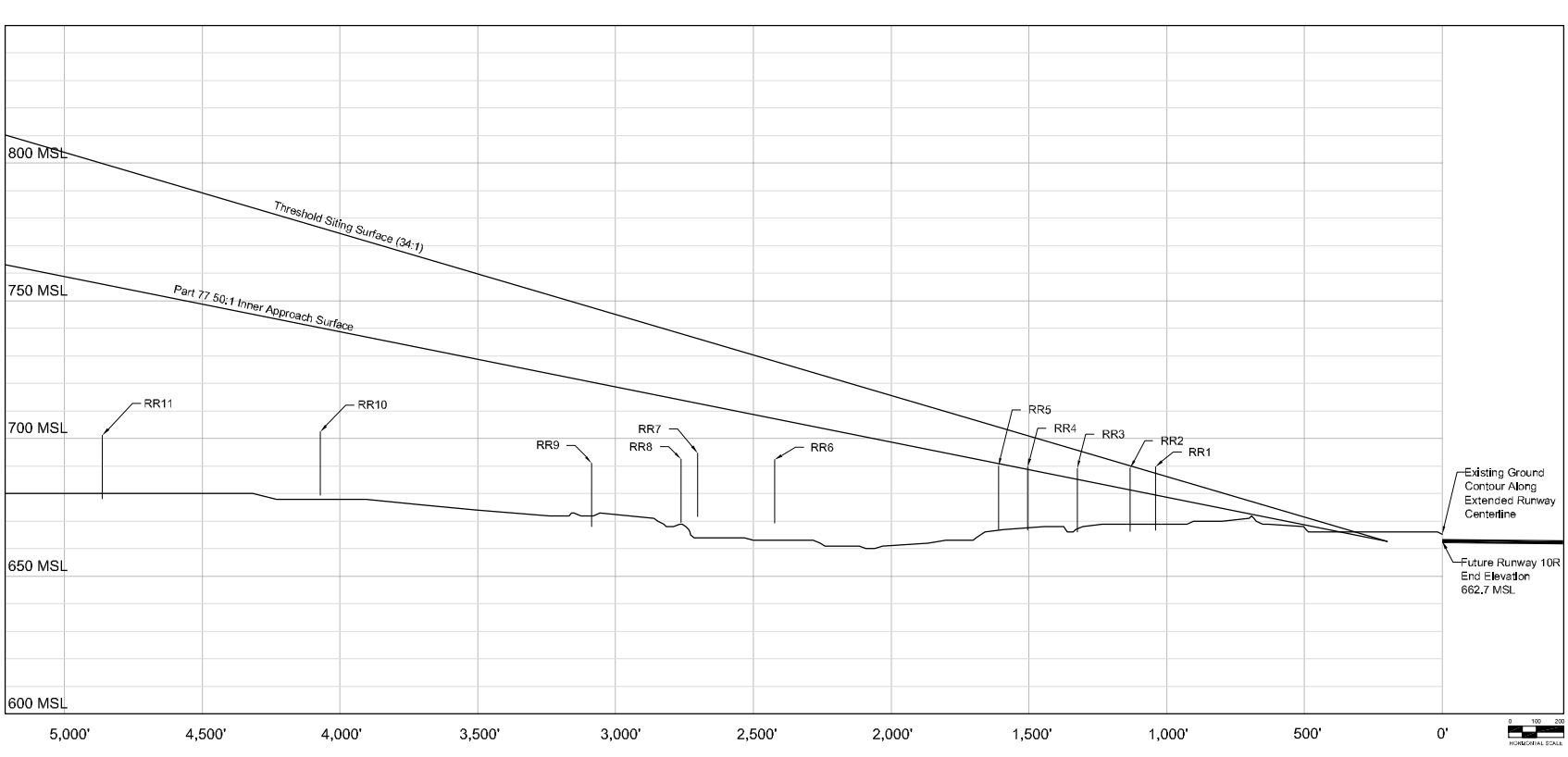
Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Penetration	Resolution
TB1	Building	689.3	29.7	Remove
TB2	Building	693.2	9.5	Remove
TB3	Building	697.9	18.9	Remove
TB4	Building	697.4	10.0	Remove
TB5	Building	697.3	14.3	Remove
TB6	Building	697.2	14.4	Remove
TB7	Building	696.7	13.5	Remove
TB8	Building	686.8	3.8	Remove
TB9	Building	690.3	0.6	Remove
TB10	Building	689.0	0.9	Remove
TB11	Building	688.3	0.2	Remove
TB12	Building	723.8	8.3	Remove



Approach Surface Obstructions

No.	Object	Top El. (MSL)	Part 77 Surface Penetration	Threshold Siting Surface Penetration	Resolution
T2	Tree	680.2	21.6	Yes	Remove
T6	Tree	697.1	28.2	Yes	Remove
T10	Tree	710.0	40.3	Yes	Remove
T14	Tree	705.7	33.9	Yes	Remove
T18	Tree	699.6	26.9	Yes	Remove
T22	Tree	690.3	17.3	Yes	Remove
T26	Tree Cluster	704.4	30.4	Yes	Remove
T30	Tree Cluster	693.5	19.1	Yes	Remove
T34	Tree	684.8	9.9	Yes	Remove
T38	Tree	696.9	20.1	Yes	Remove
T42	Tree	689.9	13.0	Yes	Remove
T46	Tree Cluster	684.1	6.6	No	Remove
T50	Tree	691.9	13.6	Yes	Remove
T54	Tree	712.9	33.9	Yes	Remove
T58	Tree	705.3	25.8	Yes	Remove
T62	Tree	698.1	18.3	Yes	Remove
T66	Tree	696.8	16.9	Yes	Remove
T70	Tree	695.3	15.3	Yes	Remove
T74	Tree	708.3	28.1	Yes	Remove
T78	Tree	693.3	13.0	Yes	Remove
T82	Tree Cluster	717.5	36.8	Yes	Remove
T86	Tree Cluster	703.5	22.4	Yes	Remove
T90	Tree Cluster	711.2	29.9	Yes	Remove
T94	Tree Cluster	709.0	27.5	Yes	Remove
T98	Tree Cluster	691.3	9.6	Yes	Remove
T102	Tree	697.1	14.8	Yes	Remove
T106	Tree Cluster	730.4	47.3	Yes	Remove
T110	Tree Cluster	696.9	13.6	Yes	Remove
T114	Tree	685.2	1.5	No	Remove
T118	Tree	683.8	5.7	No	Remove
T122	Tree Cluster	727.1	42.7	Yes	Remove
T126	Tree Cluster	709.4	24.4	Yes	Remove
T130	Tree Cluster	703.3	18.1	Yes	Remove
T134	Tree Cluster	696.7	13.3	Yes	Remove
T138	Tree Cluster	709.7	23.7	Yes	Remove
T142	Tree Cluster	717.3	31.3	Yes	Remove
T146	Tree	704.9	18.7	Yes	Remove
T150	Tree Cluster	704.8	18.3	Yes	Remove
T154	Tree Cluster	707.7	20.9	Yes	Remove
T158	Tree Cluster	686.4	8.7	No	Remove
T162	Tree	705.7	21.7	Yes	Remove
T166	Tree Cluster	700.3	11.9	No	Remove
T170	Tree Cluster	698.2	6.2	No	Remove
T174	Tree Cluster	722.3	31.8	Yes	Remove
T178	Tree	696.3	5.8	No	Remove
T182	Tree	702.8	11.0	No	Remove
T186	Tree	700.2	7.7	No	Remove
T190	Tree Cluster	702.7	10.2	No	Remove
T194	Tree Cluster	698.3	5.8	No	Remove
T198	Tree Cluster	696.9	3.5	No	Remove
T202	Tree	706.4	12.9	No	Remove
T206	Tree	697.4	3.5	No	Remove
T210	Tree	698.4	4.1	No	Remove
T214	Tree Cluster	701.6	6.0	No	Remove
T218	Tree Cluster	703.6	7.1	No	Remove
T222	Tree	723.5	22.6	Yes	Remove
T226	Tree	704.7	5.2	No	Remove
T230	Tree	703.3	4.2	No	Remove
T234	Tree	721.4	20.5	Yes	Remove
T238	Tree	703.8	0.9	No	Remove
T242	Tree	730.3	26.8	Yes	Remove
T246	Tree Cluster	708.6	3.9	No	Remove
T250	Tree Cluster	724.3	19.0	No	Remove
T254	Tree	709.2	3.0	No	Remove
T258	Tree	726.7	19.7	No	Remove
T262	Tree Cluster	737.0	28.1	Yes	Remove
T266	Tree	718.5	8.1	No	Remove
T270	Tree	723.6	9.0	No	Remove
T274	Tree Cluster	727.6	8.9	No	Remove
T278	Tree Cluster	728.3	2.8	No	Remove
T282	Tree	723.7	10.4	No	Remove
T286	Tree	734.1	1.0	Yes	Remove



Approach Surface Obstructions

No.	Object	Top El. (MSL)	Part 77 Surface Penetration	Threshold Siting Surface Penetration	Resolution
RR1	Railroad	689.8	10.2	Yes	Relocate
RR2	Railroad	666.3	8.0	Yes	N/A
RR3	Railroad	668.1	3.9	Yes	N/A
RR4	Railroad	666.8	1.0	Yes	N/A
RR5	Railroad	667.0	-0.9	No	N/A
RR6	Railroad	692.2	-14.9	No	N/A
RR7	Railroad	694.8	-18.0	No	N/A
RR8	Railroad	692.5	-21.4	No	N/A
RR9	Railroad	668.1	-23.9	No	N/A
RR10	Railroad	679.4	-37.7	No	N/A
RR11	Railroad	678.2	-54.7	No	N/A

FUTURE RUNWAY 10R APPROACH SURFACE (3 of 6)

No	Revisions	Date

O'Hare International Airport

DRAWN BY: WGS/MNT

CHECKED BY: FG

PREPARED BY: Ricondo & Associates, Inc.

October 2003

Sheet 31 of 50

Drawing Z: \Chicago\ORD\OMP\ALP-DrawingSet-FINAL \31-10R-c-Obstructions.dwg, Layout: 10R, Nov 25, 2003, 1:26pm