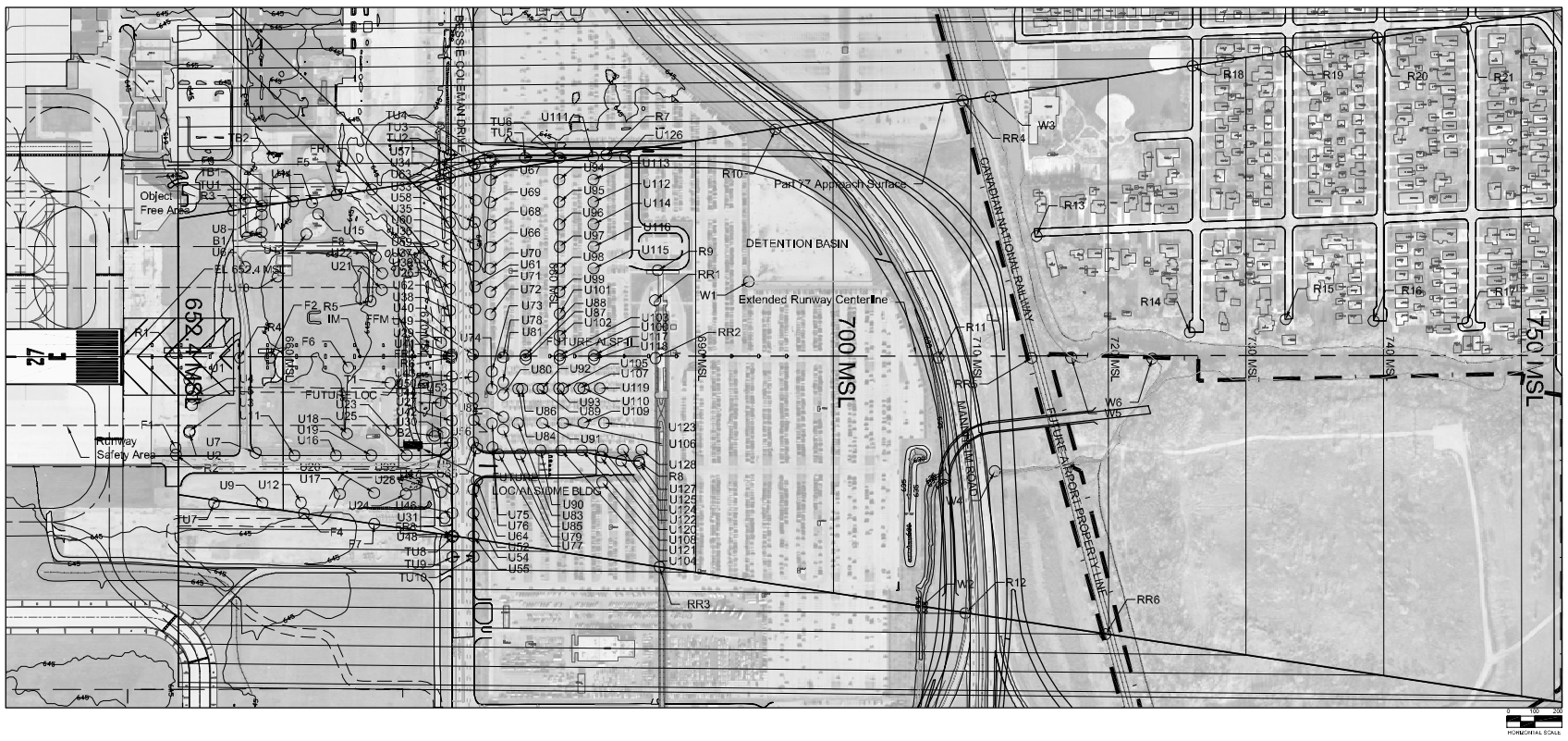
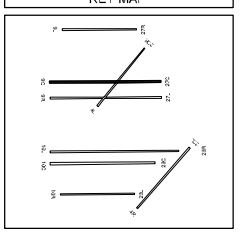
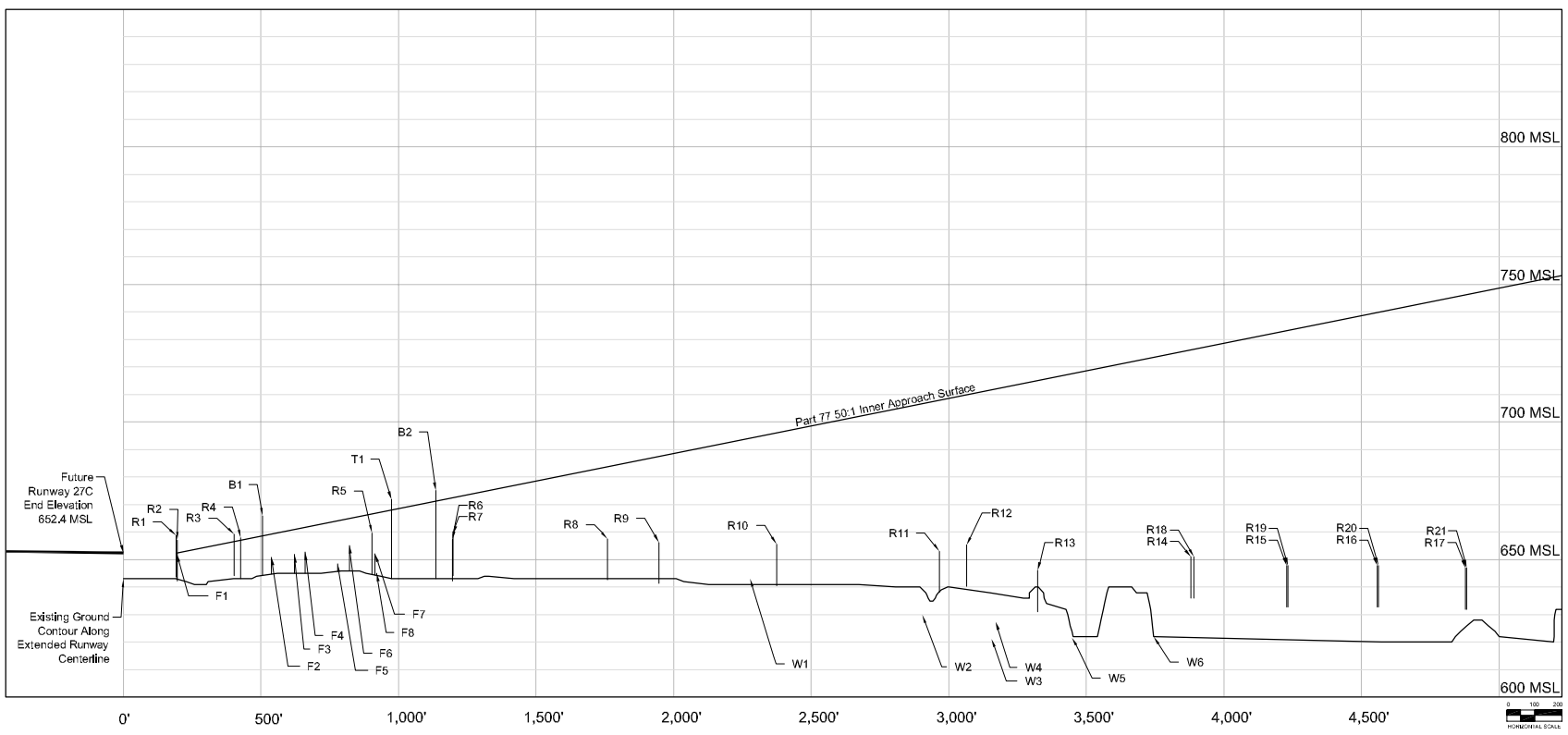
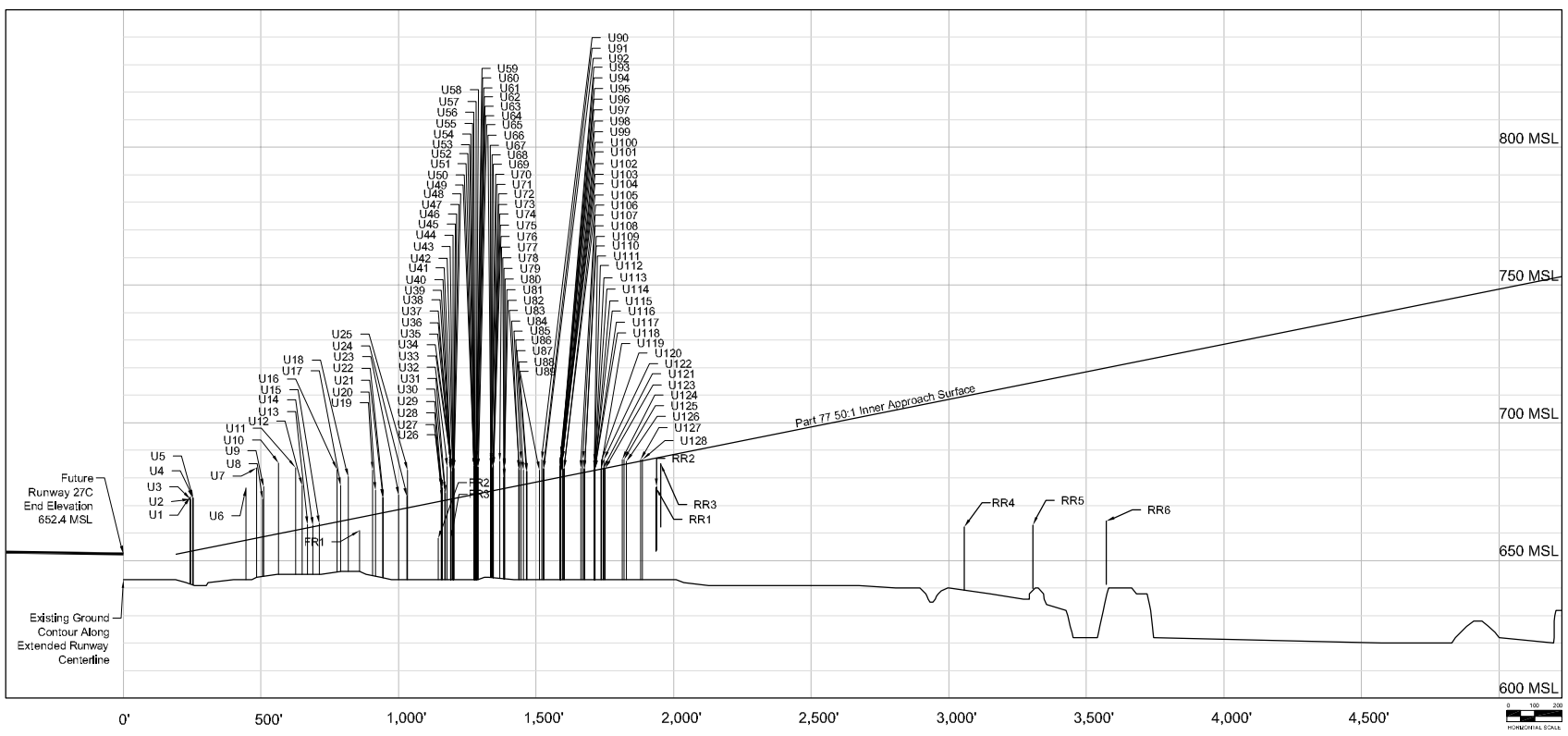


FUTURE AIRFIELD KEY MAP







Transitional Surface Obstructions

No.	Object	Top EL (MSL)	Part 77 Penetration	Resolution
TU1	Light Pole	677.2	14.9	Remove
TU2	Light Pole	688.3	3.9	Remove
TU3	Light Pole	687.1	7.6	Remove
TU4	Light Pole	686.1	3.6	Remove
TU5	Light Pole	686.0	3.6	Remove
TU6	Light Pole	687.3	5.0	Remove
TU7	Light Pole	674.1	17.7	Remove
TU8	Light Pole	683.5	10.9	Remove
TU9	Light Pole	683.7	0.7	Remove
TU10	Light Pole	684.1	1.2	Remove
TB1	Building	666.1	7.2	Remove
TB2	Building	768.4	84.4	Remove

Approach Surface Obstructions

No.	Object	Top EL (MSL)	Part 77 Penetration	Resolution
T1	Tree Cluster	671.9	4.0	Remove
W1	Water	643.0	-51.1	N/A
W2	Water	629.9	-76.7	N/A
W3	Water	621.2	-90.5	N/A
W4	Water	627.5	-84.9	N/A
W5	Water	621.7	-95.8	N/A
W6	Water	622.0	-101.4	N/A

Approach Surface Obstructions

No.	Object	Top EL (MSL)	Part 77 Penetration	Resolution
B1	Building	665.8	7.1	Remove
B2	Building	679.1	4.0	Remove
U1	Light Pole	673.2	19.9	Remove
U2	Light Pole	672.3	19.0	Remove
U3	Light Pole	672.3	19.0	Remove
U4	Light Pole	672.7	19.2	Remove
U5	Light Pole	672.7	19.2	Remove
U6	Light Pole	676.3	19.0	Remove
U7	Light Pole	683.6	25.5	Remove
U8	Light Pole	672.3	13.7	Remove
U9	Light Pole	676.7	18.1	Remove
U10	Light Pole	685.4	25.7	Remove
U11	Light Pole	683.5	22.8	Remove
U12	Light Pole	677.2	15.9	Remove
U13	Light Pole	663.1	1.7	Remove
U14	Light Pole	662.7	0.3	Remove
U15	Light Pole	663.5	0.8	Remove
U16	Light Pole	683.1	19.1	Remove
U17	Light Pole	677.1	12.9	Remove
U18	Utility Pole	680.5	15.7	Remove
U19	Light Pole	682.8	16.3	Remove
U20	Utility Pole	673.5	8.8	Remove
U21	Utility Pole	673.0	5.7	Remove
U22	Utility Pole	672.7	5.4	Remove
U23	Utility Pole	673.7	5.3	Remove
U24	Utility Pole	673.4	4.4	Remove
U25	Utility Pole	682.8	13.7	Remove
U26	Utility Pole	676.9	5.4	Remove
U27	Utility Pole	676.2	4.7	Remove
U28	Utility Pole	672.6	1.1	Remove
U29	Light Pole	676.3	4.7	Remove
U30	Utility Pole	678.6	3.8	Remove
U31	Utility Pole	674.5	2.8	Remove
U32	Utility Pole	684.2	12.2	Remove
U33	Light Pole	686.6	14.4	Remove
U34	Light Pole	687.4	13.7	Remove
U35	Light Pole	688.9	13.7	Remove
U36	Light Pole	684.8	12.6	Remove
U37	Light Pole	683.8	11.6	Remove
U38	Light Pole	682.7	10.5	Remove
U39	Light Pole	683.0	10.8	Remove
U40	Light Pole	682.4	10.2	Remove
U41	Light Pole	683.4	11.0	Remove
U42	Light Pole	684.0	11.7	Remove
U43	Light Pole	683.4	11.0	Remove
U44	Light Pole	683.6	11.2	Remove
U45	Light Pole	684.2	11.8	Remove
U46	Light Pole	683.9	11.5	Remove
U47	Light Pole	683.4	11.0	Remove
U48	Light Pole	683.5	11.1	Remove
U49	Light Pole	684.1	10.2	Remove
U50	Light Pole	683.9	10.0	Remove
U51	Light Pole	684.3	10.4	Remove
U52	Light Pole	683.9	10.0	Remove
U53	Light Pole	684.1	10.2	Remove
U54	Light Pole	683.9	10.0	Remove
U55	Light Pole	683.9	10.0	Remove
U56	Light Pole	684.3	10.3	Remove
U57	Light Pole	686.8	12.8	Remove
U58	Light Pole	684.9	10.9	Remove
U59	Light Pole	684.1	10.0	Remove
U60	Light Pole	684.7	10.7	Remove
U61	Light Pole	682.8	8.8	Remove
U62	Light Pole	682.7	8.6	Remove
U63	Light Pole	686.6	12.5	Remove
U64	Light Pole	683.8	9.6	Remove
U65	Light Pole	684.1	9.9	Remove
U66	Light Pole	683.8	8.7	Remove
U67	Light Pole	686.1	11.0	Remove
U68	Light Pole	684.3	9.2	Remove
U69	Light Pole	685.4	10.2	Remove
U70	Light Pole	683.9	8.8	Remove
U71	Light Pole	683.7	8.6	Remove
U72	Light Pole	683.5	8.4	Remove
U73	Light Pole	684.2	8.9	Remove
U74	Light Pole	684.3	9.1	Remove
U75	Light Pole	684.7	9.4	Remove
U76	Light Pole	684.4	9.1	Remove
U77	Light Pole	686.0	10.3	Remove
U78	Light Pole	680.2	4.1	Remove
U79	Light Pole	683.6	7.3	Remove
U80	Light Pole	684.0	7.9	Remove
U81	Light Pole	684.0	7.9	Remove
U82	Light Pole	683.5	7.3	Remove
U83	Light Pole	683.5	6.3	Remove
U84	Light Pole	682.9	5.7	Remove
U85	Light Pole	686.5	9.2	Remove
U86	Light Pole	682.9	5.4	Remove
U87	Light Pole	682.4	4.7	Remove
U88	Light Pole	682.4	4.7	Remove
U89	Light Pole	682.9	4.3	Remove
U90	Light Pole	686.6	7.8	Remove
U91	Light Pole	683.5	4.3	Remove
U92	Light Pole	683.2	4.2	Remove
U93	Light Pole	683.3	3.1	Remove
U94	Light Pole	684.5	4.3	Remove
U95	Light Pole	684.0	3.8	Remove
U96	Light Pole	685.4	5.2	Remove
U97	Light Pole	682.7	2.5	Remove
U98	Light Pole	685.4	8.3	Remove
U99	Light Pole	682.5	2.3	Remove
U100	Light Pole	683.0	2.8	Remove
U101	Light Pole	682.5	2.3	Remove
U102	Light Pole	682.5	2.3	Remove
U103	Light Pole	683.0	1.8	Remove
U104	Light Pole	686.7	6.4	Remove
U105	Light Pole	683.3	2.9	Remove
U106	Light Pole	683.5	3.0	Remove
U107	Light Pole	683.3	1.7	Remove
U108	Light Pole	686.7	4.9	Remove
U109	Light Pole	683.5	1.5	Remove
U110	Light Pole	683.3	1.3	Remove
U111	Light Pole	685.6	3.0	Remove
U112	Light Pole	683.2	0.9	Remove
U113	Light Pole	683.3	0.8	Remove
U114	Light Pole	682.8	0.1	Remove
U115	Light Pole	682.7	0.1	Remove
U116	Light Pole	683.0	0.3	Remove
U117	Light Pole	683.3	0.6	Remove
U118	Light Pole	683.3	0.6	Remove
U119	Light Pole	683.3	0.1	Remove
U120	Light Pole	686.7	3.6	Remove
U121	Light Pole	683.4	0.1	Remove
U122	Light Pole	686.7	3.4	Remove
U123	Light Pole	683.5	0.1	Remove
U124	Light Pole	686.7	2.1	Remove
U125	Light Pole	686.7	1.9	Remove
U126	Light Pole	686.0	1.0	Remove
U127	Light Pole	686.7	0.8	Remove
U128	Light Pole	686.7	0.6	Remove
R1	Road	658.8	6.4	Remove
R2	Road	657.2	4.7	Remove
R3	Road	659.2	2.6	Remove
R4	Road	658.0	0.9	Remove
R5	Road	659.6	-7.0	N/A
R6	Road	657.2	-15.3	N/A
R7	Road	658.3	-13.3	N/A
R8	Road	657.6	-26.2	N/A
R9	Road	656.3	-31.2	N/A
R10	Road	659.6	-40.4	N/A
R11	Road	653.1	-54.8	N/A
R12	Road	655.3	-54.6	N/A
R13	Road	646.1	-68.9	N/A
R14	Road	651.0	-75.2	N/A
R15	Road	647.8	-85.3	N/A
R16	Road	647.8	-91.8	N/A
R17	Road	669.6	-99.1	N/A
R18	Road	651.0	-75.2	N/A
R19	Road	647.8	-85.3	N/A
R20	Road	647.8	-91.9	N/A
R21	Road	669.6	-99.2	N/A
FR1	Future Road	661.0 [est.]	-4.7 [est.]	N/A
FR2	Future Road	658.0 [est.]	-13.4 [est.]	N/A
FR3	Future Road	658.0 [est.]	-13.9 [est.]	N/A
RR1	Railroad	676.4	-10.8	N/A
RR2	Railroad	676.7	-10.6	N/A
RR3	Railroad	659.2	-2.4	N/A
RR4	Railroad	662.2	-47.4	N/A
RR5	Railroad	662.9	-51.7	N/A
RR6	Railroad	664.3	-55.7	N/A
F1	Fence	652.2	-0.4	N/A
F2	Fence	650.9	-4.9	N/A
F3	Fence	651.9	-8.1	N/A
F4	Fence	652.7	-9.0	N/A
F5	Fence	646.5	-15.6	N/A
F6	Fence	655.2	-9.8	N/A
F7	Fence	652.0	-14.8	N/A
F8	Fence	648.0	-21.9	N/A

FUTURE RUNWAY 27C APPROACH SURFACE

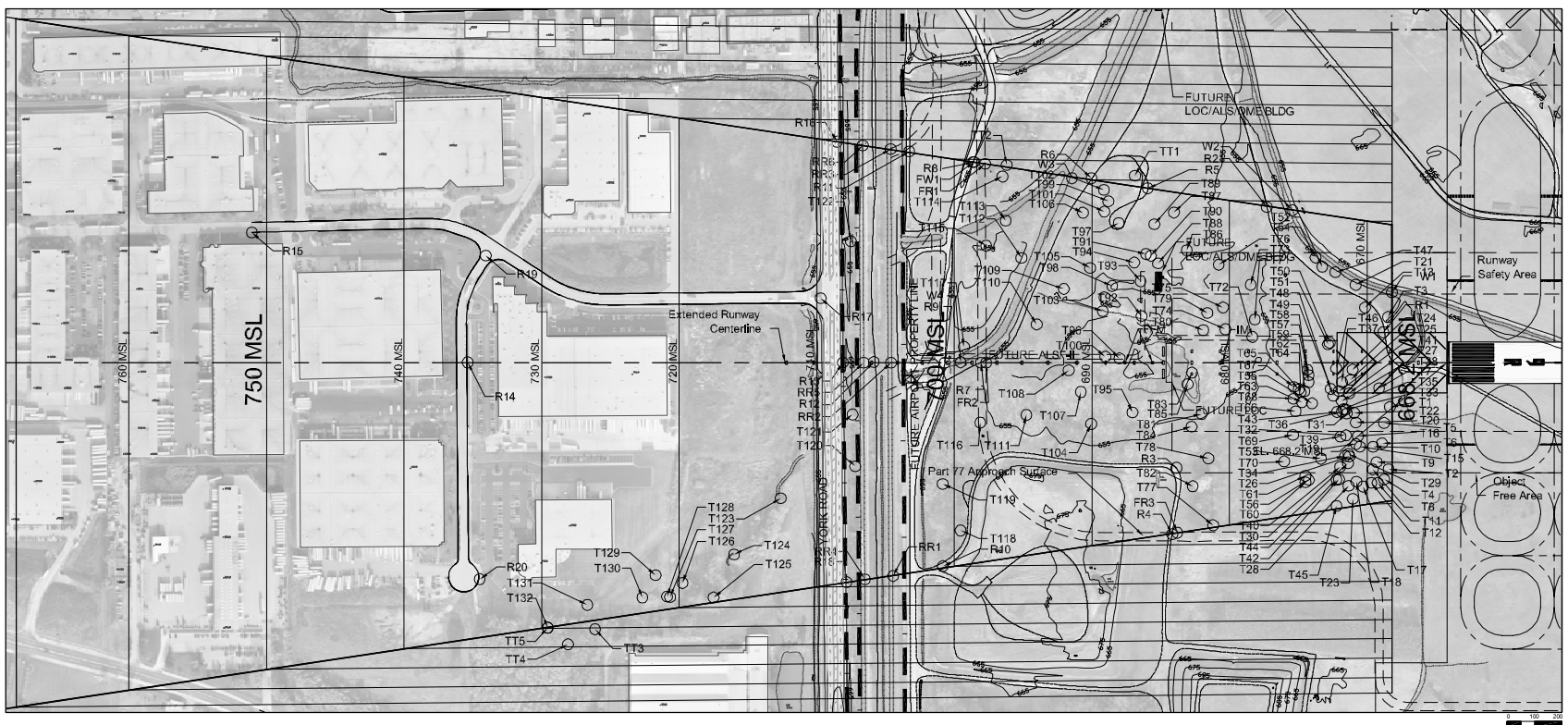
No	Revisions	Date

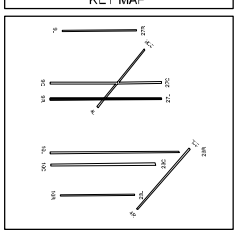
O'Hare International Airport

N
MAGNETIC NORTH
TRUE NORTH
GRAPHICAL SCALE IN FEET

DRAWN BY: WGS/MNT
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 22 of 50

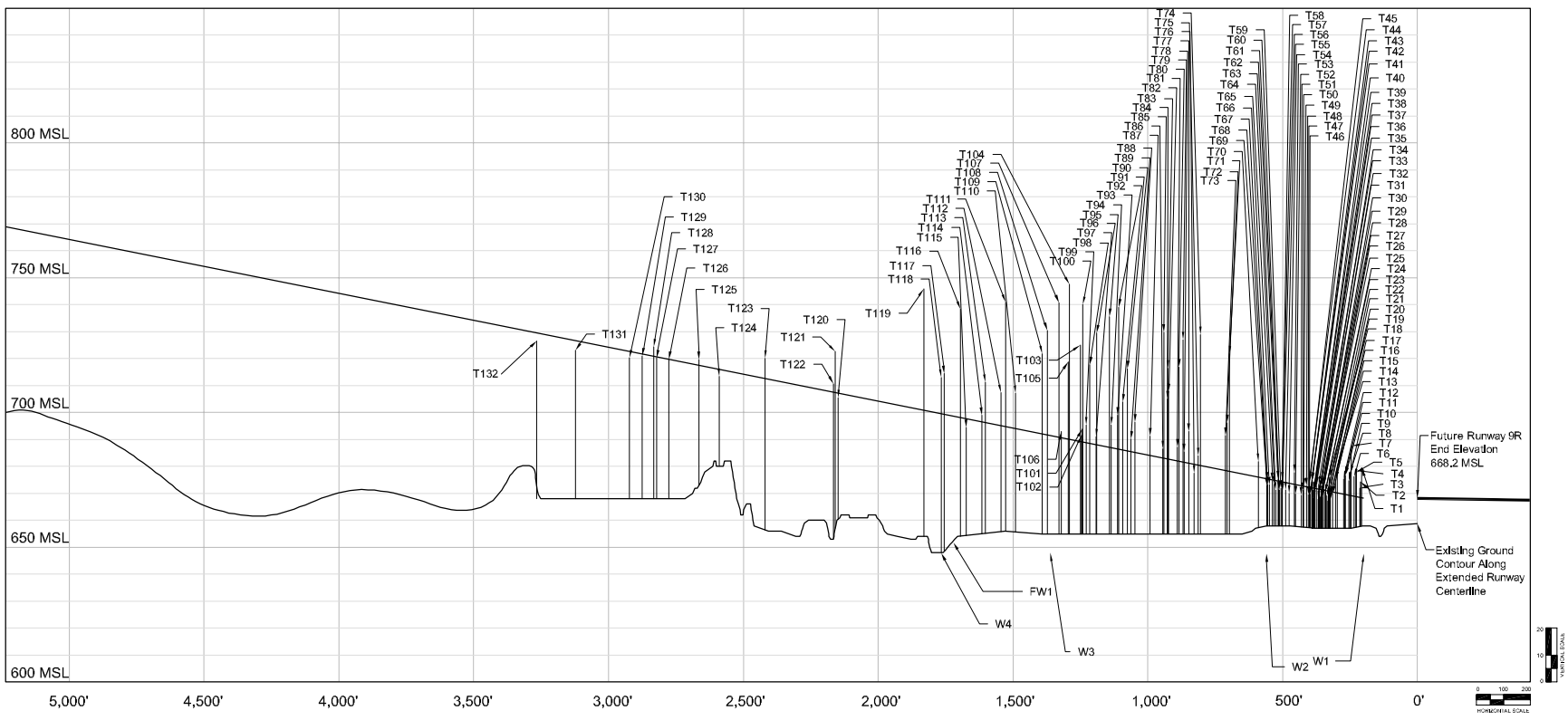
Drawing Z:\Chicago\ORD\OMP\ALP-Drawing Set-FINAL\22-27C-Obstructions.dwg, Layout: 27C, Nov 25, 2003, 10:32am





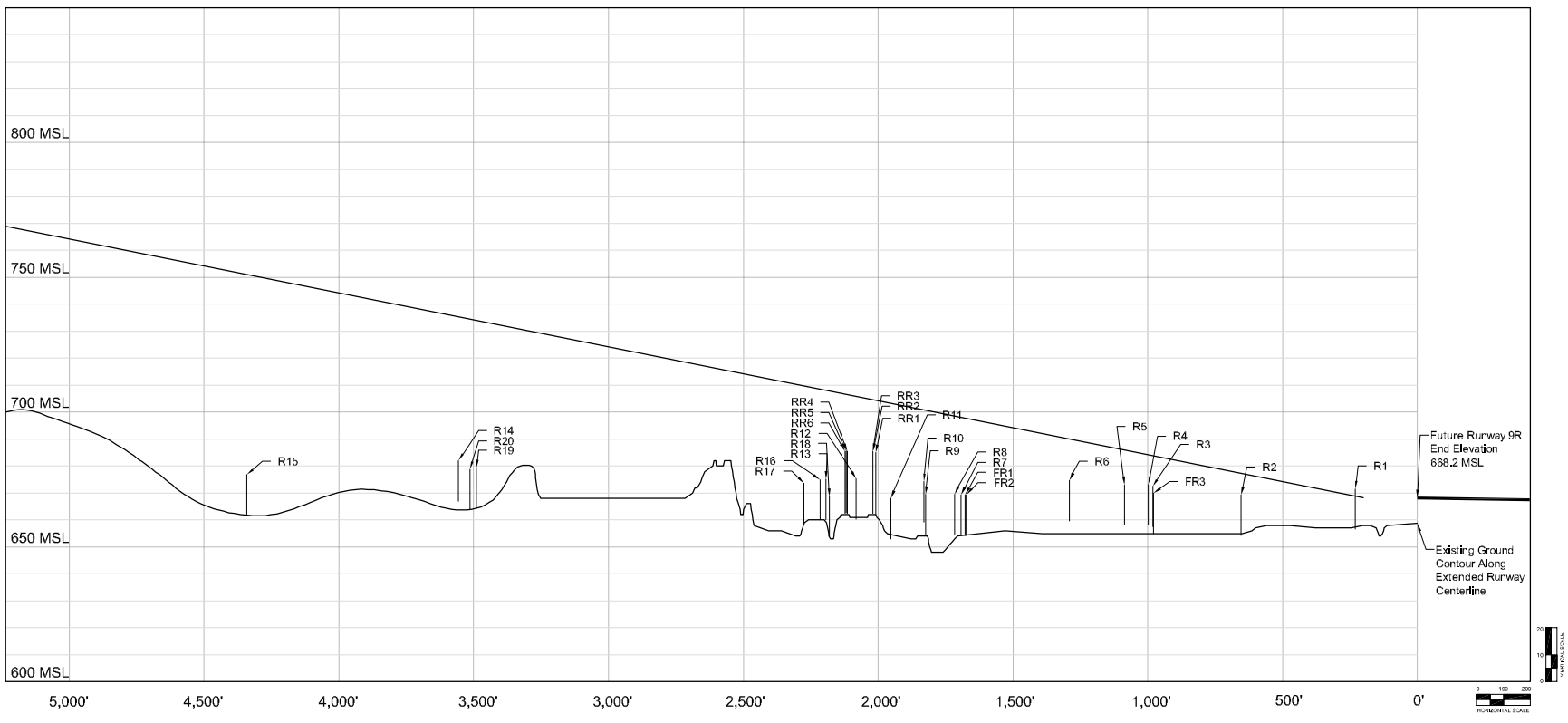
Transitional Surface Obstructions

No.	Object	Top EL (MSL)	Part 77 Penetration	Resolution
TT1	Tree	707.7	15.3	Remove
TT2	Tree	696.3	1.0	Remove
TT3	Tree	740.2	9.3	Remove
TT4	Tree	740.8	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	678.3	9.8	Remove
T5	Tree Cluster	677.7	9.0	Remove
T6	Tree Cluster	676.2	7.3	Remove
T7	Tree Cluster	687.6	18.3	Remove
T8	Tree	677.4	8.3	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	678.4	8.8	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	8.2	Remove
T19	Tree	672.3	1.3	Remove
T20	Tree	669.4	-1.4	Remove
T21	Tree Cluster	667.3	-3.3	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	671.3	-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	673.2	3.0	Remove
T45	Tree	674.1	1.9	Remove
T46	Tree	669.9	-2.9	Remove
T47	Tree	669.6	-2.7	Remove
T48	Tree	672.9	0.4	Remove
T49	Tree	672.3	-0.1	Remove
T50	Tree	671.1	-1.6	Remove
T51	Tree	669.4	-3.4	Remove
T52	Tree	669.7	-3.3	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	48.3	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	683.4	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	709.1	22.4	Remove
T85	Tree Cluster	729.8	46.8	Remove
T86	Tree	686.3	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	689.4	6.3	Trim
T95	Tree Cluster	735.3	46.3	Remove
T96	Tree Cluster	729.3	41.3	Remove
T97	Tree Cluster	691.0	2.9	Trim
T98	Tree Cluster	717.6	29.1	Remove
T99	Tree Cluster	688.3	6.3	Trim
T100	Tree Cluster	740.0	51.0	Remove
T101	Tree Cluster	693.8	4.7	Trim
T102	Tree Cluster	691.3	2.4	Trim
T103	Tree Cluster	723.0	33.8	Remove
T104	Tree Cluster	747.3	57.3	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	705.3	-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	726.3	-3.0	Trim
W1	Water	647.8	-20.8	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	683.0	-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	679.8	-55.8	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

FUTURE RUNWAY 9R APPROACH SURFACE

No.	Revisions	Date

O'Hare International Airport

DRAWN BY: WGS/MNT

CHECKED BY: FG

PREPARED BY: Ricondo & Associates, Inc.

October 2003

Sheet 23 of 50

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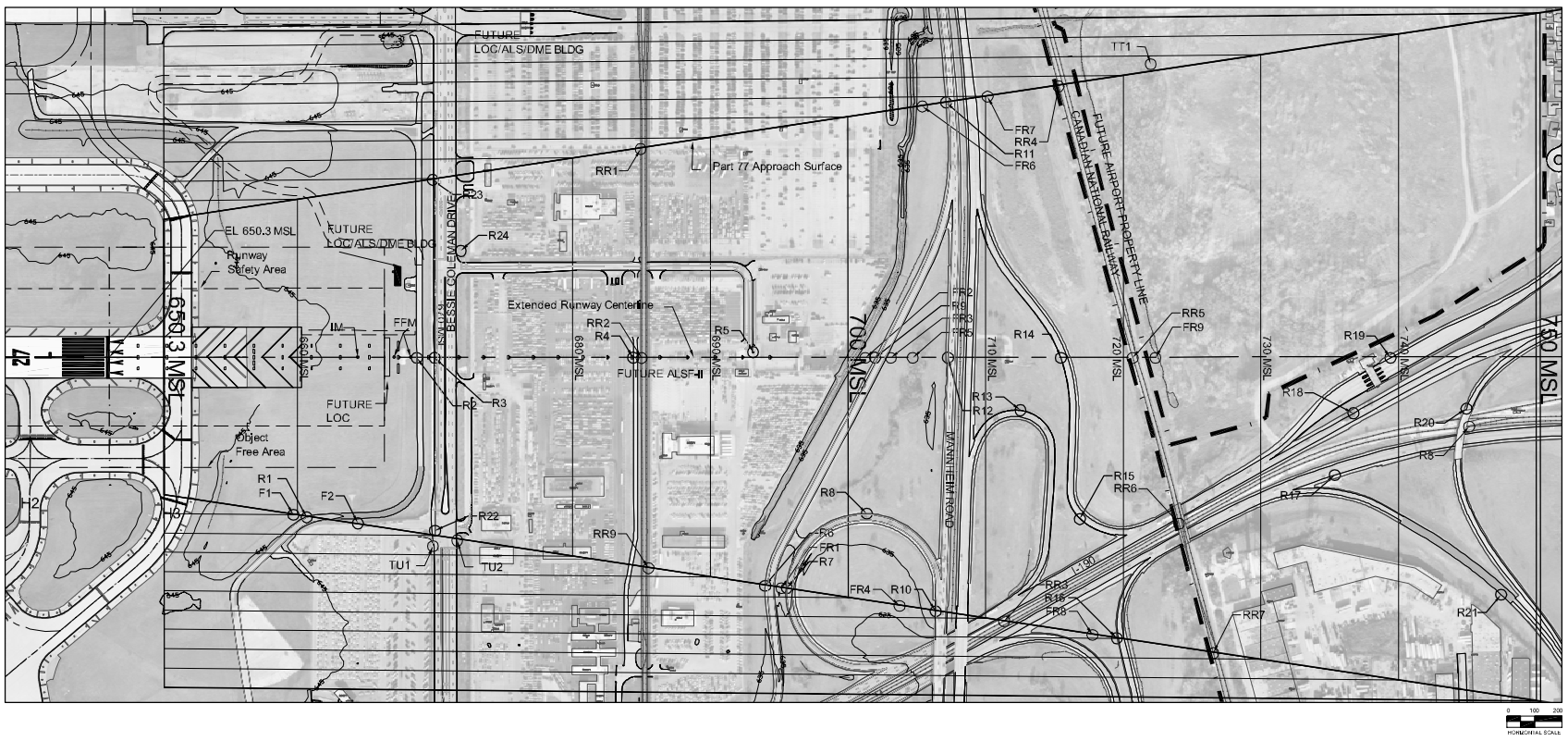
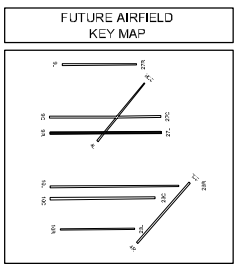
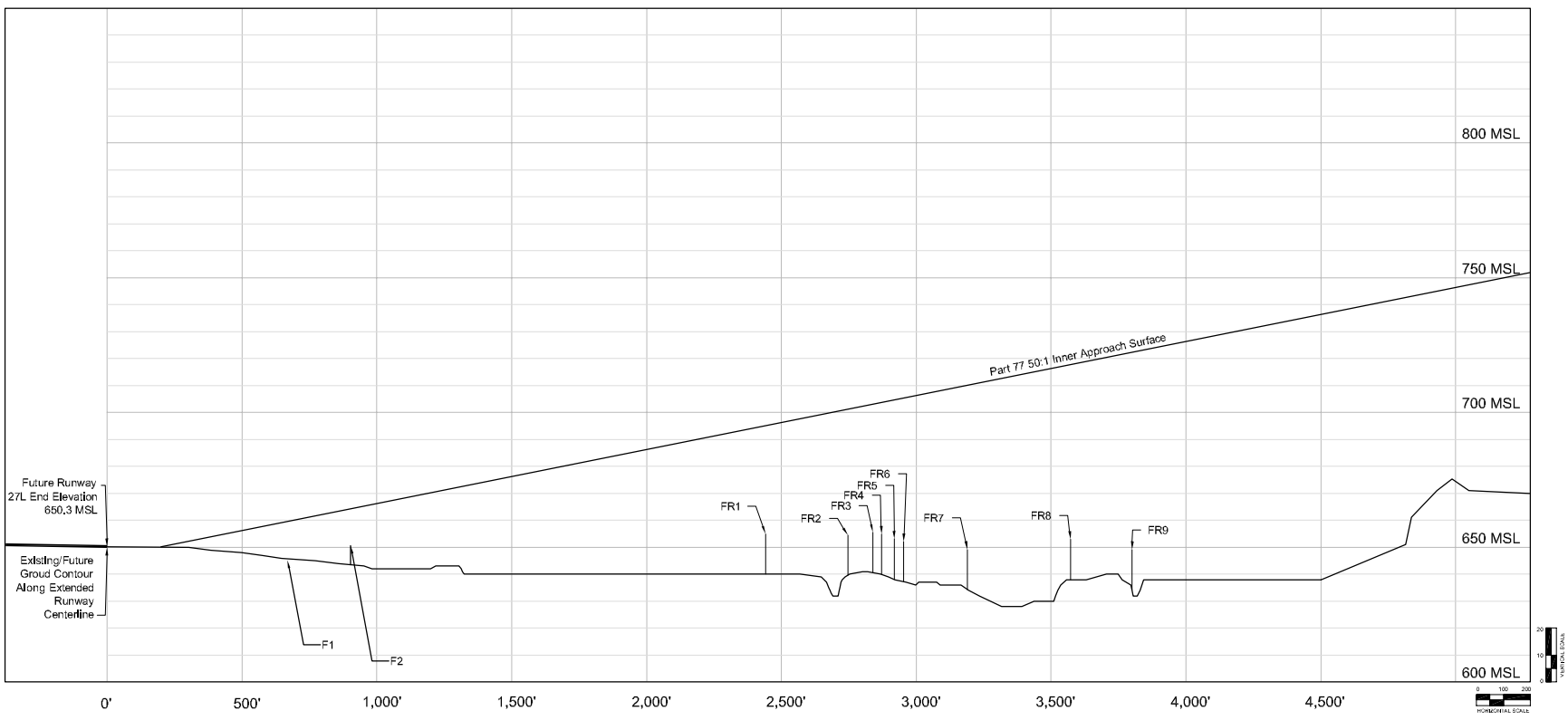




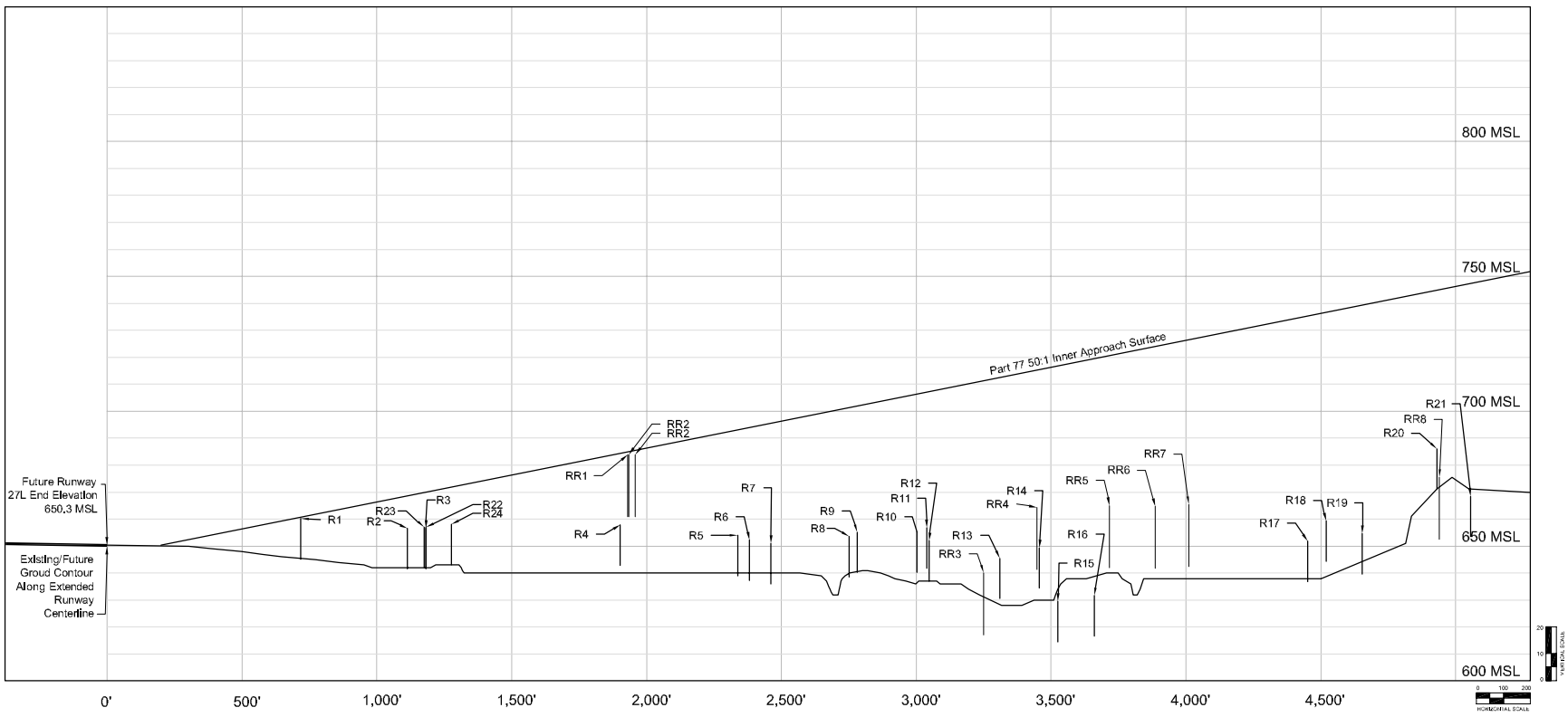
Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
TT1	Tree	734.3	8.2	Remove
TU1	Light Pole	682.9	7.8	Remove
TU2	Light Pole	672.9	0.8	Remove



Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
F1	Fence	648.3	-14.4	N/A
F2	Fence	636.6	-13.7	N/A
FR1	Future Road	To Be Determined	T.B.D	N/A
FR2	Future Road	To Be Determined	T.B.D	N/A
FR3	Future Road	To Be Determined	T.B.D	N/A
FR4	Future Road	To Be Determined	T.B.D	N/A
FR5	Future Road	To Be Determined	T.B.D	N/A
FR6	Future Road	To Be Determined	T.B.D	N/A
FR7	Future Road	To Be Determined	T.B.D	N/A
FR8	Future Road	To Be Determined	T.B.D	N/A
FR9	Future Road	To Be Determined	T.B.D	N/A



Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
R1	Road	660.2	-0.3	N/A
R2	Road	656.8	-12.1	N/A
R3	Road	656.6	-13.3	N/A
R4	Road	655.9	-26.6	N/A
R5	Road	654.1	-39.0	N/A
R6	Road	652.2	-41.7	N/A
R7	Road	651.0	-44.5	N/A
R8	Road	653.5	-47.8	N/A
R9	Road	655.2	-46.8	N/A
R10	Road	655.2	-51.1	N/A
R11	Road	656.8	-50.3	N/A
R12	Road	652.0	-55.2	N/A
R13	Road	645.5	-67.0	N/A
R14	Road	649.4	-66.1	N/A
R15	Road	629.5	-87.3	N/A
R16	Road	631.7	-87.8	N/A
R17	Road	636.9	-83.4	N/A
R18	Road	644.4	-77.3	N/A
R19	Road	639.6	-84.8	N/A
R20	Road	671.1	-58.8	N/A
R21	Road	683.5	-78.9	N/A
R22	Road	657.0	-12.7	N/A
R23	Road	657.0	-12.9	N/A
R24	Road	658.0	-13.8	N/A
RR1	Railroad	683.9	-1.0	N/A
RR2	Railroad	683.9	-1.1	N/A
RR3	Railroad	640.1	-71.2	N/A
RR4	Railroad	664.4	-50.9	N/A
RR5	Railroad	663.1	-55.6	N/A
RR6	Railroad	641.8	-59.2	N/A
RR7	Railroad	642.4	-61.1	N/A
RR8	Railroad	652.5	-69.6	N/A
RR9	Railroad	683.9	-1.8	N/A

FUTURE RUNWAY 27L APPROACH SURFACE

No	Revisions	Date

O'Hare International Airport

N
MAGNETIC NORTH
TRUE NORTH
GRAPHICAL SCALE IN FEET

DRAWN BY: WGS/MNT
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 24 of 50

Drawing 2: \Chicago\ORD\OMP\ALP-DrawingSet-FINAL \24-27L-Obstructions.dwg Layout: 27L Nov 25, 2003 10:55am