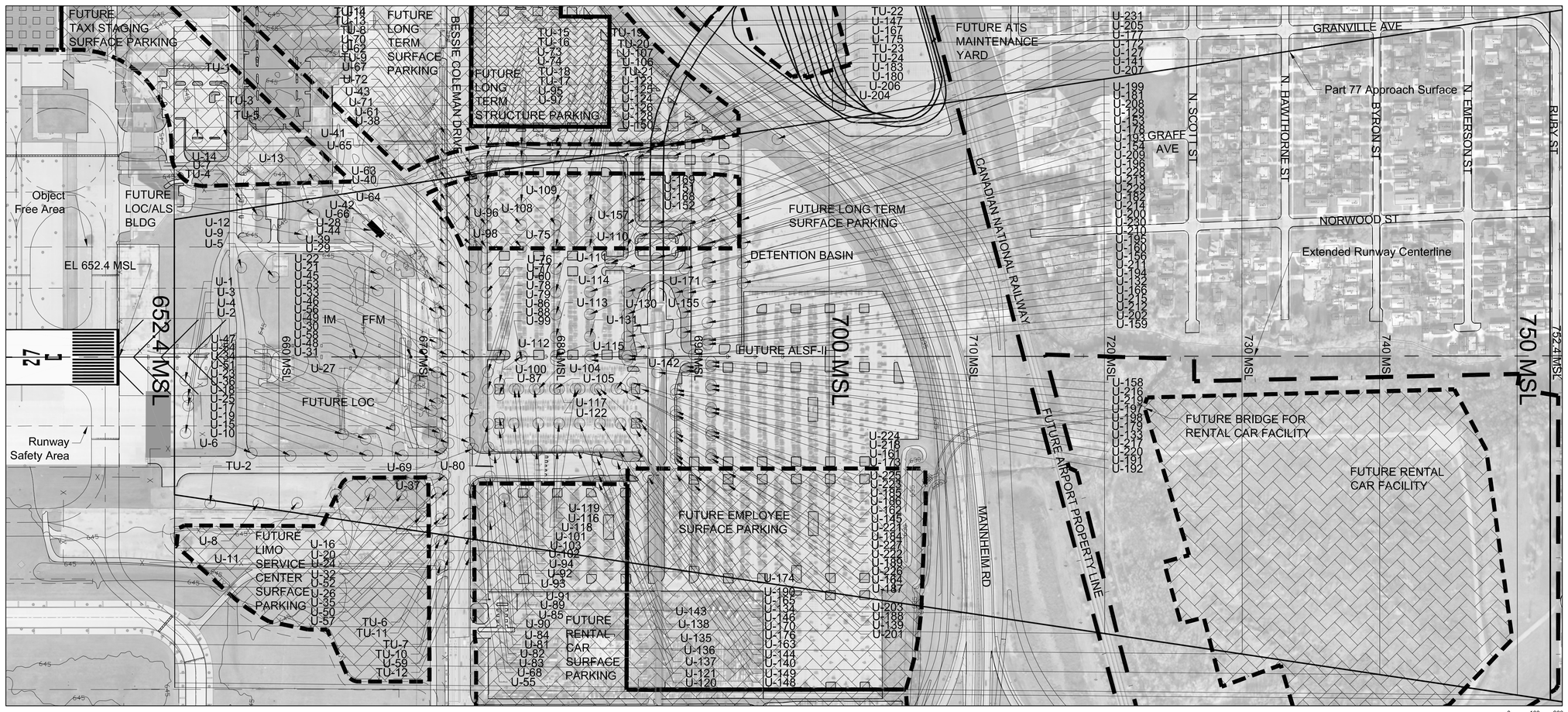
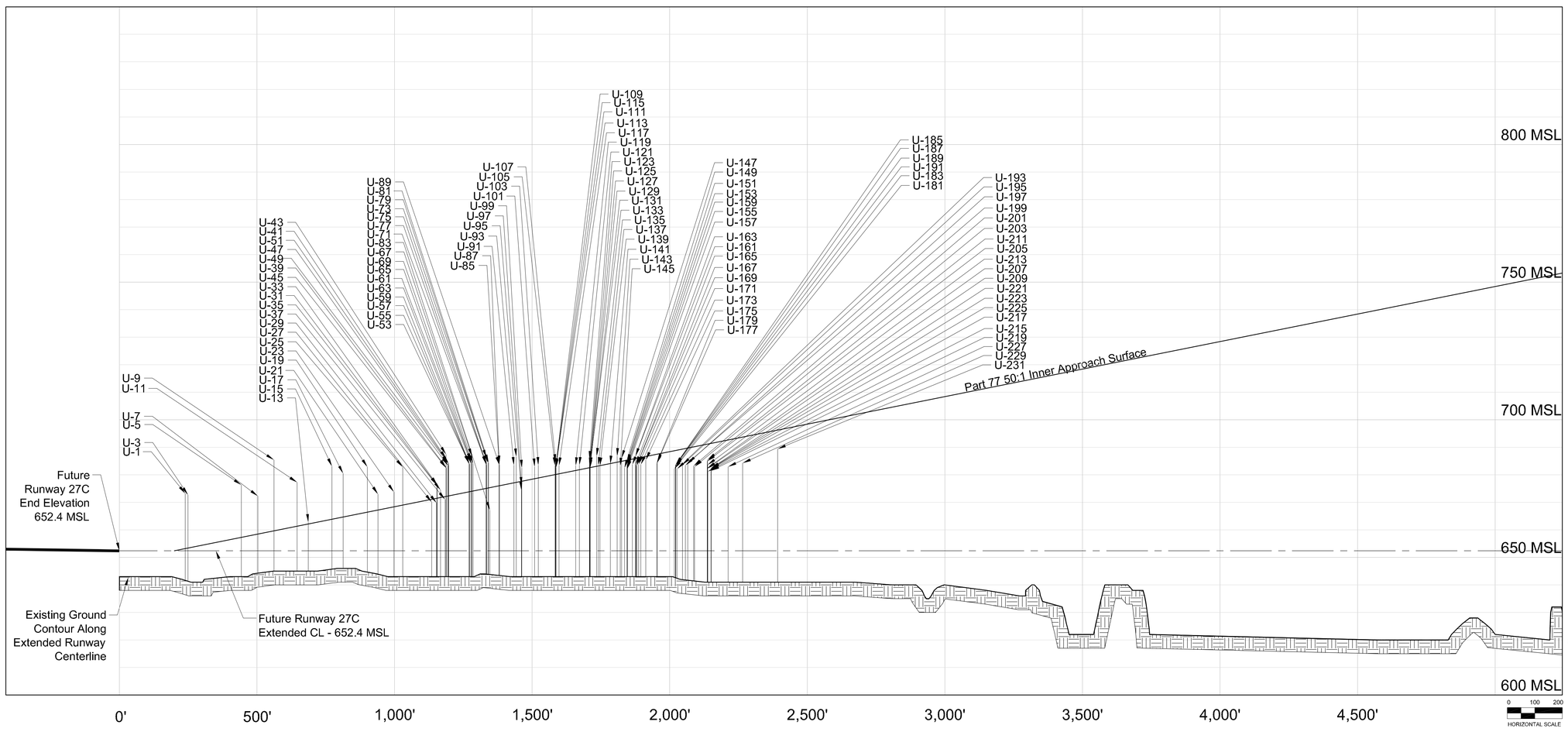
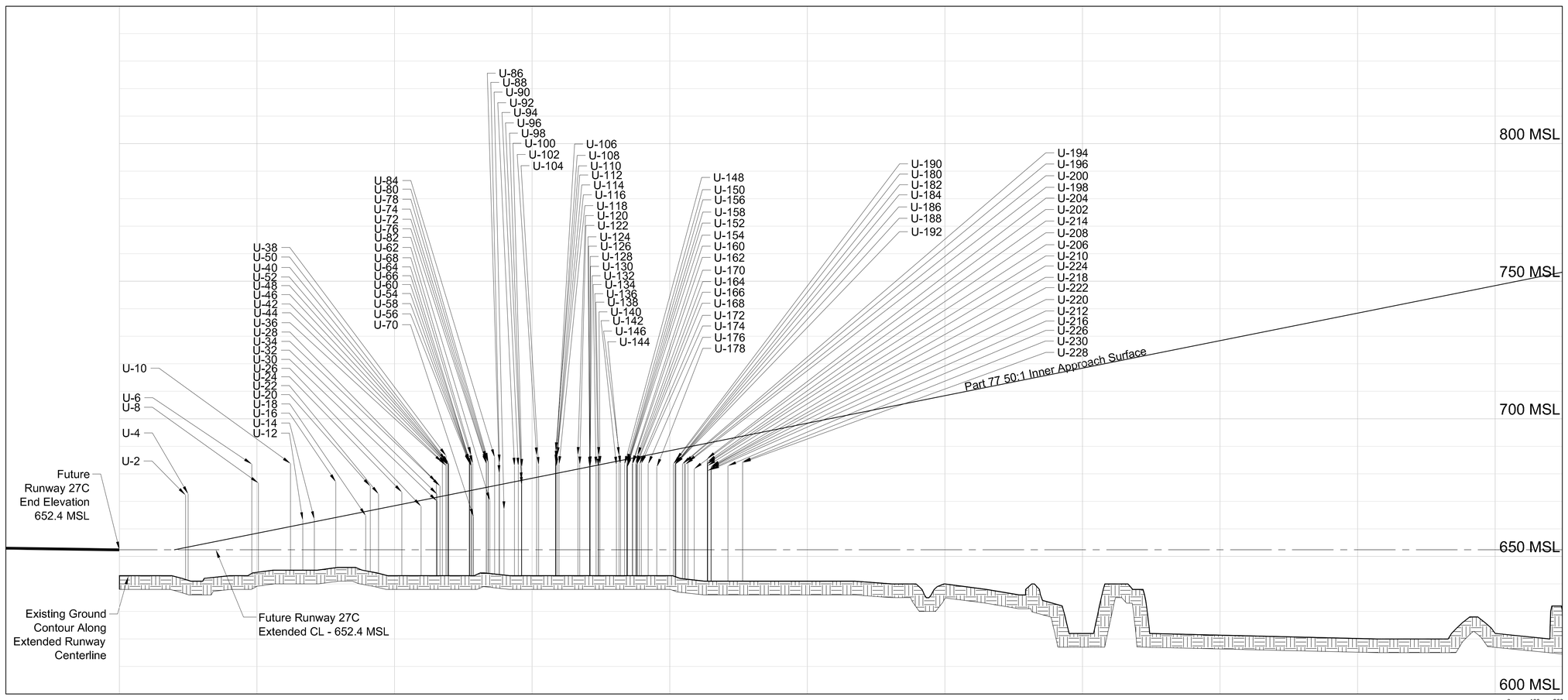


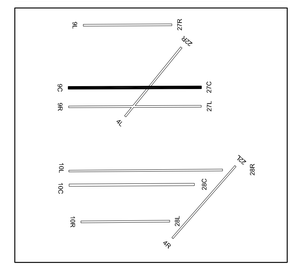




NOTES

1) WITH THE EXCEPTION OF ROAD, RAIL, AND WATER, ONLY OBJECTS WITH TOP ELEVATIONS LOCATED 10FT BELOW THE PART 77 SURFACE AND HIGHER ARE IDENTIFIED. FUTURE OBJECTS AND ROAD, RAIL AND WATER OBJECT EVALUATION POINTS ARE IDENTIFIED REGARDLESS OF CLEARANCE HEIGHT TO THE PART 77 SURFACE.
2) OBJECTS UNDER THE PART 77 TRANSITIONAL SURFACES ARE ONLY IDENTIFIED IN THE PLAN VIEW. THEY DO NOT APPEAR IN THE APPROACH SURFACE PROFILE VIEW.
3) ALL TOP ELEVATIONS OF ROAD AND RAIL OBJECT EVALUATION POINTS INCLUDE MOBILE OBJECT CLEARANCE HEIGHTS AS DEFINED BY 14 CFR PART 77.
4) FUTURE ROADS AND RAILROADS ARE IDENTIFIED IN THE PLAN AND PROFILE VIEWS. THE LOCATION AND ELEVATION OF FUTURE ROADS AND RAILROADS DEPICTED IS PRELIMINARY AND SUBJECT TO CHANGE. THE ELEVATION OF FUTURE OBJECTS WILL BE DETERMINED DURING THE ENGINEERING/DESIGN PHASE IN ACCORDANCE WITH FAA REQUIREMENTS.
5) FUTURE NAVIGATIONAL AIDS HAVE NOT BEEN ASSESSED AS PART OF THIS ANALYSIS. THE LOCATION AND ELEVATION OF EACH FUTURE SYSTEM COMPONENT DEPICTED ON THIS DRAWING WILL BE COORDINATED, CONTROLLED, AND ULTIMATELY APPROVED BY THE FAA THROUGHOUT THE ENGINEERING DESIGN REVIEW (EDR) AND IMPLEMENTATION PROCESS.
6) IN GENERAL TERMS, OBJECTS WITHIN THE OBJECT FREE AREAS (OFA) ARE TO BE REMOVED. TREES OUTSIDE THE OFA THAT PENETRATE THE PART 77 50:1 SURFACE HAVE THE OPTION TO BE TRIMMED OR REMOVED AND ARE LISTED AS "TRIM/REMOVE". GENERALLY, BUILDINGS WITHIN THE RUNWAY PROTECTION ZONES (RPZ) AND WITHIN AIRPORT PROPERTY ARE ALSO SLATED TO BE REMOVED. ALL OTHER OBJECTS WITHIN AIRPORT PROPERTY THAT DO NOT PENETRATE THE APPROACH SURFACE MAY BE REMOVED FOR OTHER PURPOSES, HOWEVER FOR PURPOSES OF THE APPROACH DRAWINGS THEY ARE LISTED AS NOT APPLICABLE "N/A". THE RESOLUTION FOR OBJECTS OUTSIDE AIRPORT PROPERTY THAT PENETRATE THE PART 77 50:1 SURFACE IS THE PLACEMENT OF AN OBSTRUCTION LIGHT (OL) ON THE OBJECT.
7) SOURCE: O'HARE INTERNATIONAL AIRPORT PHOTOGRAMMETRY, MARTINEZ CORPORATION, NOVEMBER 20, 2001.

FUTURE AIRFIELD KEY MAP



Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
TU-1	Utility	685.53	-9.13	N/A
TU-2	Utility	674.10	17.37	Remove
TU-3	Utility	685.78	-8.69	N/A
TU-4	Utility	677.15	15.22	Remove
TU-5	Utility	663.40	-8.13	N/A
TU-6	Utility	670.89	-4.09	N/A
TU-7	Utility	681.21	-6.44	N/A
TU-8	Utility	688.35	-6.43	N/A
TU-9	Utility	688.33	4.31	Remove
TU-10	Utility	683.73	0.26	Remove
TU-11	Utility	683.52	10.38	Remove
TU-12	Utility	684.06	0.60	Remove
TU-13	Utility	687.10	7.94	Remove
TU-14	Utility	687.90	-6.93	N/A
TU-15	Utility	686.55	-2.93	N/A
TU-16	Utility	686.12	3.99	Remove
TU-17	Utility	685.99	3.93	Remove
TU-18	Utility	681.97	-6.71	N/A
TU-19	Utility	681.26	-7.44	N/A
TU-20	Utility	687.30	5.38	Remove
TU-21	Utility	683.69	-4.92	N/A
TU-22	Utility	682.57	-5.92	N/A
TU-23	Utility	684.14	-4.26	N/A
TU-24	Utility	691.07	-7.63	N/A

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
U-1	Utility	673.19	20.00	Remove
U-3	Utility	672.69	19.30	Remove
U-5	Utility	676.32	19.06	Remove
U-7	Utility	672.26	13.79	Remove
U-9	Utility	685.40	25.77	Remove
U-11	Utility	677.25	15.93	Remove
U-13	Utility	662.73	0.60	Remove
U-15	Utility	683.06	19.21	Remove
U-17	Utility	680.45	15.79	Remove
U-19	Utility	682.84	16.41	Remove
U-21	Utility	672.95	5.76	Remove
U-23	Utility	673.72	5.37	Remove
U-25	Utility	682.79	13.79	Remove
U-27	Utility	670.06	-1.05	N/A
U-29	Utility	669.81	-1.64	N/A
U-31	Utility	676.25	4.77	Remove
U-33	Utility	676.32	4.82	Remove
U-35	Utility	674.46	2.72	Remove
U-37	Utility	670.99	-1.08	N/A
U-39	Utility	682.68	10.54	Remove
U-41	Utility	685.86	13.71	Remove
U-43	Utility	687.39	15.24	Remove
U-45	Utility	682.44	10.29	Remove
U-47	Utility	684.04	11.75	Remove
U-49	Utility	683.37	11.07	Remove
U-51	Utility	684.23	11.90	Remove
U-53	Utility	684.11	10.29	Remove
U-55	Utility	683.89	10.06	Remove
U-57	Utility	683.89	10.05	Remove
U-59	Utility	683.92	10.08	Remove
U-61	Utility	684.93	10.96	Remove
U-63	Utility	684.08	10.11	Remove
U-65	Utility	684.75	10.78	Remove
U-67	Utility	686.62	12.59	Remove
U-69	Utility	684.11	10.00	Remove
U-71	Utility	683.81	8.74	Remove
U-73	Utility	686.12	11.05	Remove
U-75	Utility	683.94	8.86	Remove
U-77	Utility	683.53	8.45	Remove
U-79	Utility	684.33	9.14	Remove
U-81	Utility	684.38	9.15	Remove
U-83	Utility	667.17	-8.15	N/A
U-85	Utility	683.58	7.58	Remove
U-87	Utility	684.01	8.00	Remove
U-89	Utility	683.55	7.53	Remove
U-91	Utility	683.45	6.37	Remove
U-93	Utility	686.55	9.31	Remove
U-95	Utility	674.36	-3.26	N/A
U-97	Utility	676.20	-1.43	N/A
U-99	Utility	682.44	4.80	Remove
U-101	Utility	682.90	4.32	Remove
U-103	Utility	683.45	4.60	Remove
U-105	Utility	683.34	3.28	Remove
U-107	Utility	684.48	4.38	Remove
U-109	Utility	682.70	2.59	Remove
U-111	Utility	682.45	2.33	Remove
U-113	Utility	682.54	2.41	Remove
U-115	Utility	683.01	2.88	Remove
U-117	Utility	683.32	2.97	Remove
U-119	Utility	683.35	1.79	Remove
U-121	Utility	683.45	1.61	Remove
U-123	Utility	685.63	3.06	Remove
U-125	Utility	683.26	0.68	Remove
U-127	Utility	682.73	0.14	Remove
U-129	Utility	682.17	-0.43	N/A
U-131	Utility	682.43	-0.18	N/A
U-133	Utility	683.33	0.71	Remove
U-135	Utility	686.74	3.65	Remove
U-137	Utility	683.42	0.21	Remove
U-139	Utility	683.25	-0.08	N/A
U-141	Utility	683.95	-0.14	N/A
U-143	Utility	686.74	2.16	Remove
U-145	Utility	683.16	-1.65	N/A
U-147	Utility	686.00	1.11	Remove
U-149	Utility	682.47	-2.65	N/A
U-151	Utility	684.55	-0.75	N/A
U-153	Utility	684.06	-1.25	N/A
U-155	Utility	682.78	-2.53	N/A
U-157	Utility	682.16	-3.16	N/A
U-159	Utility	683.53	-1.80	N/A
U-161	Utility	683.71	-1.98	N/A
U-163	Utility	686.74	0.83	Remove
U-165	Utility	683.76	-2.16	N/A
U-167	Utility	683.19	-2.79	N/A
U-169	Utility	683.51	-2.50	N/A
U-171	Utility	683.83	-2.31	N/A
U-173	Utility	683.71	-2.60	N/A
U-175	Utility	685.41	-1.25	N/A
U-177	Utility	684.11	-3.35	N/A
U-179	Utility	684.71	-2.79	N/A
U-181	Utility	682.18	-6.56	N/A
U-183	Utility	682.94	-5.88	N/A
U-185	Utility	683.60	-5.23	N/A
U-187	Utility	683.61	-5.23	N/A
U-189	Utility	683.61	-5.23	N/A
U-191	Utility	683.60	-5.25	N/A
U-193	Utility	682.13	-6.82	N/A
U-195	Utility	683.69	-5.63	N/A
U-197	Utility	683.42	-6.12	N/A
U-199	Utility	684.30	-5.41	N/A
U-201	Utility	683.22	-6.92	N/A
U-203	Utility	682.94	-7.27	N/A
U-205	Utility	684.92	-6.21	N/A
U-207	Utility	682.39	-8.75	N/A
U-209	Utility	682.29	-8.86	N/A
U-211	Utility	685.48	-5.68	N/A
U-213	Utility	683.59	-7.57	N/A
U-215	Utility	681.20	-9.97	N/A
U-217	Utility	682.14	-9.26	N/A
U-219	Utility	681.49	-9.92	N/A
U-221	Utility	682.41	-9.00	N/A
U-223	Utility	682.34	-9.08	N/A
U-225	Utility	682.34	-9.08	N/A
U-227	Utility	682.93	-9.72	N/A
U-229	Utility	684.27	-9.44	N/A
U-231	Utility	689.40	-6.84	N/A

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
U-2	Utility	672.31	19.11	Remove
U-4	Utility	672.71	19.32	Remove
U-6	Utility	683.58	25.56	Remove
U-8	Utility	676.70	18.20	Remove
U-10	Utility	683.76	22.93	Remove
U-12	Utility	663.06	1.34	Remove
U-14	Utility	663.46	0.89	Remove
U-16	Utility	677.11	12.98	Remove
U-18	Utility	664.80	-1.50	Remove
U-20	Utility	675.53	8.90	Remove
U-22	Utility	672.68	5.45	Remove
U-24	Utility	673.36	4.43	Remove
U-26	Utility	668.24	-2.08	N/A
U-28	Utility	676.94	5.50	Remove
U-30	Utility	670.14	-1.33	N/A
U-32	Utility	672.64	1.15	Remove
U-34	Utility	675.60	3.90	Remove
U-36	Utility	684.19	12.32	Remove
U-38	Utility	686.59	14.45	Remove
U-40	Utility	684.80	12.66	Remove
U-42	Utility	683.78	11.63	Remove
U-44	Utility	683.04	10.89	Remove
U-46	Utility	683.37	11.09	Remove
U-48	Utility	683.61	11.31	Remove
U-50	Utility	683.89	11.56	Remove
U-52	Utility	683.38	11.05	Remove
U-54	Utility	684.28	10.45	Remove
U-56	Utility	683.91	10.08	Remove
U-58	Utility	684.11	10.27	Remove
U-60	Utility	684.26	10.39	Remove
U-62	Utility	686.81	12.84	Remove
U-64	Utility	682.82	8.85	Remove
U-66	Utility	682.66	8.68	Remove
U-68	Utility	683.80	9.71	Remove
U-70	Utility	664.36	-9.78	N/A
U-72	Utility	684.32	9.25	Remove
U-74	Utility	685.37	10.29	Remove
U-76	Utility	683.71	8.63	Remove
U-78	Utility	684.19	9.00	Remove
U-80	Utility	684.69	9.48	Remove
U-82	Utility	670.31	-5.01	N/A
U-84	Utility	686.03	10.35	Remove
U-86	Utility	680.15	4.14	Remove
U-88	Utility	684.01	7.99	Remove
U-90	Utility	667.04	-9.32	N/A
U-92	Utility	682.86	5.75	Remove
U-94	Utility	682.86	5.47	Remove
U-96	Utility	677.52	-0.10	N/A
U-98	Utility	675.87	-1.76	N/A
U-100	Utility	682.44	4.79	Remove
U-102	Utility	686.59	7.86	Remove
U-104	Utility	683.15	4.28	Remove
U-106	Utility	683.99	3.89	Remove
U-108	Utility	685.38	5.27	Remove
U-110	Utility	688.44	8.33	Remove
U-112	Utility	683.01	2.89	Remove
U-114	Utility	682.46	2.33	Remove
U-116	Utility	686.71	6.48	Remove
U-118	Utility	683.45	3.09	Remove
U-120	Utility	686.74	5.01	Remove
U-122	Utility	683.27	1.42	Remove
U-124	Utility	683.17	0.59	Remove
U-126	Utility	682.79	0.20	Remove
U-128	Utility	683.00	0.41	Remove
U-130	Utility	682.02	-0.58	N/A
U-132	Utility	683.33	0.71	Remove
U-134	Utility	683.25	0.21	Remove
U-136	Utility	682.47	-0.74	N/A
U-138	Utility	686.74	3.50	Remove
U-140	Utility	683.46	0.13	Remove
U-142	Utility	683.25	-1.28	N/A
U-144	Utility	686.74	2.02	Remove
U-146	Utility	683.59	-1.23	N/A
U-148	Utility	683.52	-1.59	N/A
U-150	Utility	684.30	-0.98	N/A
U-152	Utility	682.68	-2.62	N/A
U-154	Utility	682.48	-2.83	N/A
U-156	Utility	683.37	-1.94	N/A
U-158	Utility	683.53	-1.79	N/A
U-160	Utility	683.73	-1.95	N/A
U-162	Utility	683.71	-2.00	N/A
U-164	Utility	683.80	-2.12	N/A
U-166	Utility	683.53	-2.45	N/A
U-168	Utility	683.44	-2.57	N/A
U-170	Utility	686.74	0.68	Remove
U-172	Utility	683.47	-2.74	N/A
U-174	Utility	683.75	-2.58	N/A
U-176	Utility	683.57	-3.26	N/A
U-178	Utility	682.52	-4.95	N/A
U-180	Utility	683.57	-5.09	N/A
U-182	Utility	683.38	-5.38	N/A
U-184	Utility	683.61	-5.22	N/A
U-186	Utility	683.61	-5.22	N/A
U-188	Utility	683.61	-5.23	N/A
U-190	Utility	685.02	-3.82	N/A
U-192	Utility	683.60	-5.25	N/A
U-194	Utility	683.63	-5.69	N/A
U-196	Utility	684.11	-5.37	N/A
U-198	Utility	683.47	-6.07	N/A
U-200	Utility	684.35	-5.37	N/A
U-202	Utility	681.82	-8.36	N/A
U-204	Utility	685.58	-5.54	N/A
U-206	Utility	683.65	-7.48	N/A
U-208	Utility	683.84	-7.30	N/A
U-210	Utility	682.98	-8.17	N/A
U-212	Utility	681.16	-10.00	N/A
U-214	Utility	684.43	-6.73	N/A
U-216	Utility	681.49	-9.91	N/A
U-218	Utility	682.43	-8.98	N/A
U-220	Utility	682.15	-9.26	N/A
U-222	Utility	682.41	-9.00	N/A
U-224	Utility	682.74	-8.68	N/A
U-226	Utility	682.93	-9.71	N/A
U-228	Utility	684.10	-9.60	N/A
U-230	Utility	684.39	-9.32	N/A

Rosemarie S. Andolino
Executive Director

John A. Roberson
Commissioner

FUTURE RUNWAY 27C
INNER APPROACH SURFACE (1 of 2)

No	Revisions	Date

O'Hare International Airport

MAGNETIC NORTH DECLINATION 4.28° W (AUGUST 1, 2005)
N
TRUE NORTH

DRAWN BY: MNT
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
September 2005
Sheet 22 of 56

Drawing: Z:\Chicago\ORD\OMP\ALP-DrawingSet-FINAL-2005 \ALP Set\22-27C-Obstructions (1 of 2).dwg_Layout: 27C_Sep 19, 2005, 1:33pm