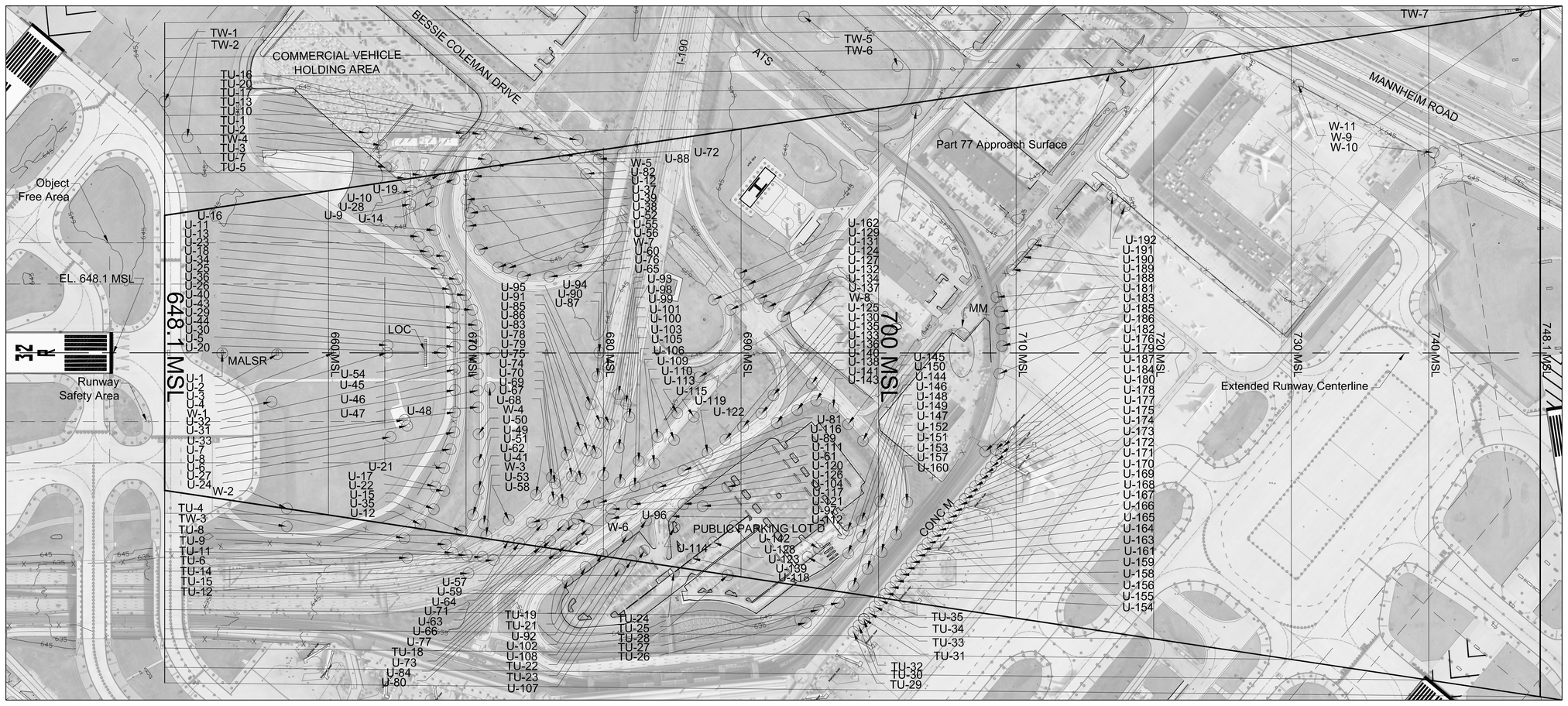
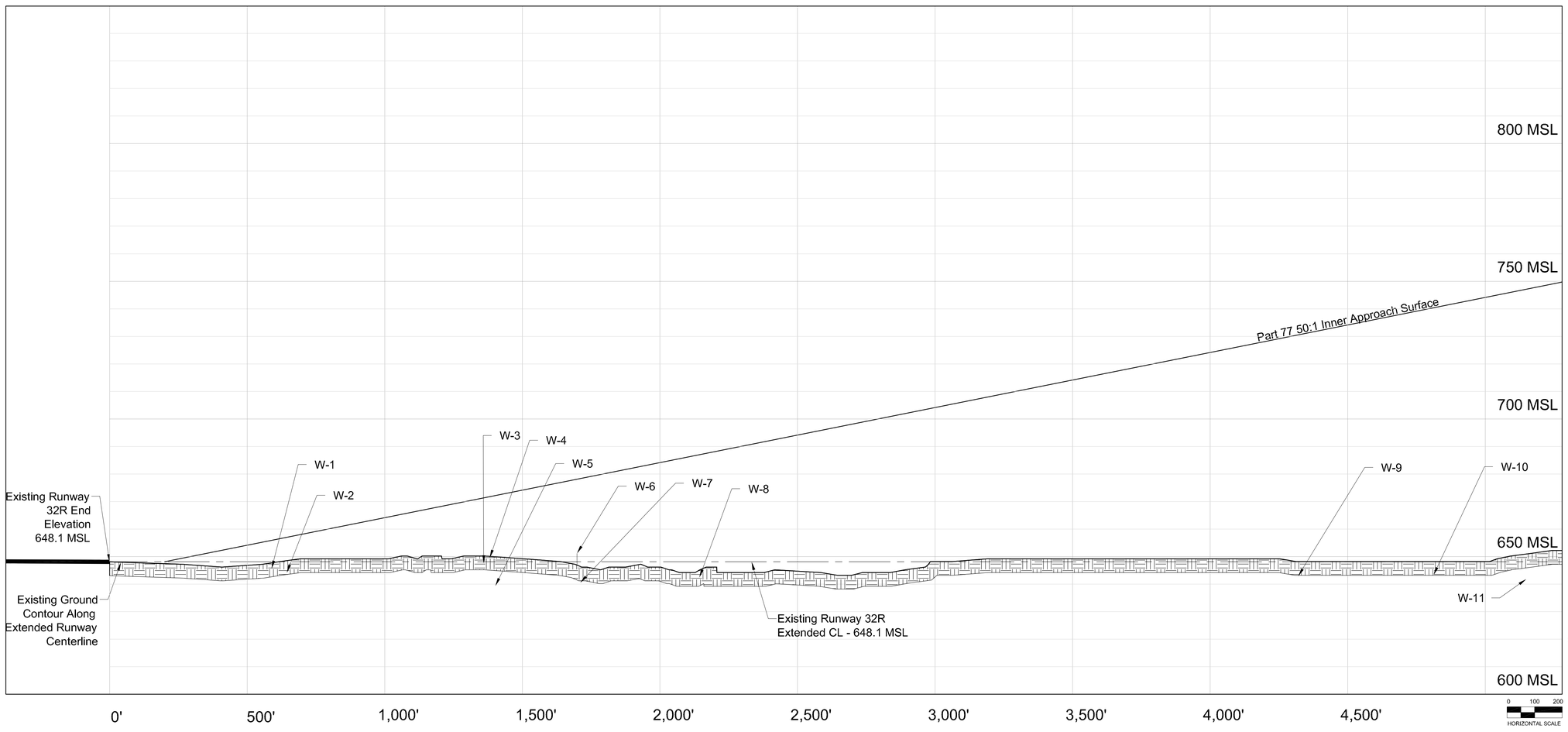
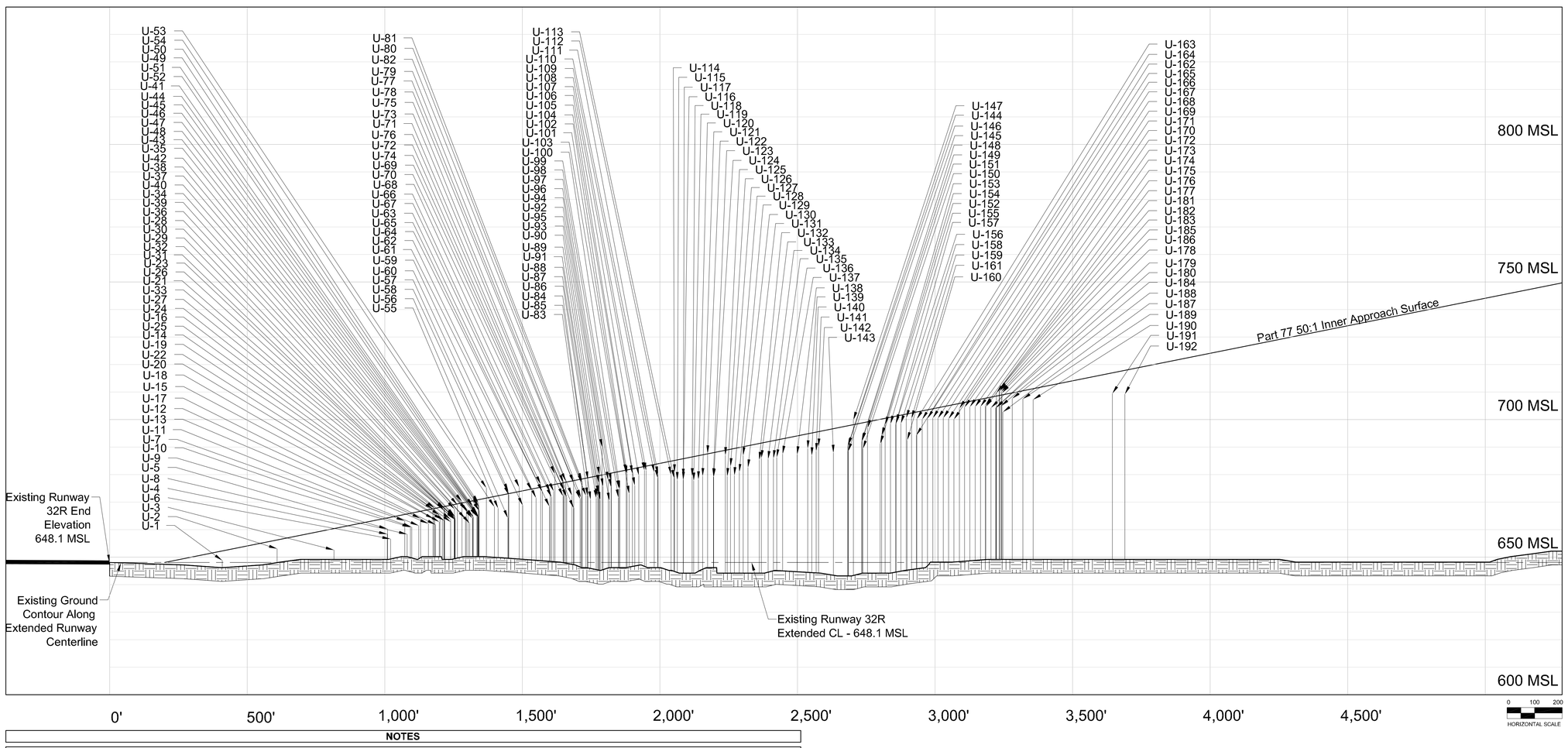


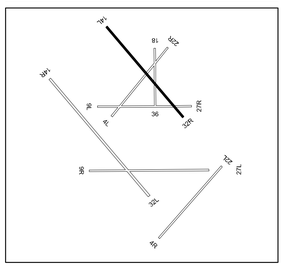




NOTES

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) 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.
5) SOURCE: O'HARE INTERNATIONAL AIRPORT PHOTOGRAMMETRY, MARTINEZ CORPORATION, NOVEMBER 20, 2001.

EXISTING AIRFIELD KEY MAP



Transitional Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
TU-1	Utility	680.66	-9.17	N/A
TU-2	Utility	680.00	-3.33	N/A
TU-3	Utility	665.14	-6.65	N/A
TU-4	Utility	664.66	-7.01	N/A
TU-5	Utility	660.62	-5.52	N/A
TU-6	Utility	673.78	-8.07	N/A
TU-7	Utility	660.20	-7.46	N/A
TU-8	Utility	672.94	-1.80	N/A
TU-9	Utility	674.22	-4.80	N/A
TU-10	Utility	679.94	-9.10	N/A
TU-11	Utility	682.38	2.21	Add OL
TU-12	Utility	680.39	-9.08	N/A
TU-13	Utility	683.84	-4.71	N/A
TU-14	Utility	674.78	-6.09	N/A
TU-15	Utility	676.68	-5.83	N/A
TU-16	Utility	682.89	-7.75	N/A
TU-17	Utility	682.34	-3.25	N/A
TU-18	Utility	683.84	5.14	Add OL
TU-19	Utility	687.93	-4.92	N/A
TU-20	Utility	678.36	-6.69	N/A
TU-21	Utility	689.91	4.27	Add OL
TU-22	Utility	680.37	-6.31	N/A
TU-23	Utility	681.43	-0.66	N/A
TU-24	Utility	683.03	-4.97	N/A
TU-25	Utility	679.78	-9.41	N/A
TU-26	Utility	704.19	-9.28	N/A
TU-27	Utility	702.65	-4.03	N/A
TU-28	Utility	701.28	-1.67	N/A
TU-29	Utility	710.67	-7.35	N/A
TU-30	Utility	710.63	-4.03	N/A
TU-31	Utility	712.00	0.81	Add OL
TU-32	Utility	710.53	-0.79	N/A
TU-33	Utility	704.72	-3.32	N/A
TU-34	Utility	698.12	-6.55	N/A
TU-35	Utility	698.10	-3.33	N/A
TW-1	Water	645.00	-62.23	N/A
TW-2	Water	643.47	-45.05	N/A
TW-3	Water	643.14	-23.01	N/A
TW-4	Water	639.36	-36.18	N/A
TW-5	Water	638.30	-109.80	N/A
TW-6	Water	639.55	-82.19	N/A
TW-7	Water	641.87	-106.23	N/A

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
W-1	Water	645.57	-10.31	N/A
W-2	Water	644.16	-12.81	N/A
W-3	Water	647.45	-23.85	N/A
W-4	Water	649.50	-22.23	N/A
W-5	Water	639.36	-32.77	N/A
W-6	Water	651.14	-26.94	N/A
W-7	Water	640.54	-37.77	N/A
W-8	Water	642.40	-44.57	N/A
W-9	Water	642.88	-87.62	N/A
W-10	Water	643.30	-97.04	N/A
W-11	Water	641.79	-105.29	N/A

Approach Surface Obstructions

No.	Object	Top EL. (MSL)	Part 77 Penetration	Resolution
U-1	Utility	648.80	-3.49	N/A
U-2	Utility	653.08	-3.20	N/A
U-3	Utility	652.63	-7.78	N/A
U-4	Utility	658.40	-5.89	N/A
U-5	Utility	660.32	-3.97	N/A
U-6	Utility	656.65	-7.87	N/A
U-7	Utility	663.22	-2.33	N/A
U-8	Utility	658.36	-7.37	N/A
U-9	Utility	660.90	-5.06	N/A
U-10	Utility	660.98	-5.08	N/A
U-11	Utility	661.52	-5.04	N/A
U-12	Utility	664.10	-2.60	N/A
U-13	Utility	662.21	-5.06	N/A
U-14	Utility	667.39	-0.22	N/A
U-15	Utility	663.93	-3.74	N/A
U-16	Utility	667.78	0.04	Add OL
U-17	Utility	661.81	-5.98	N/A
U-18	Utility	662.85	-5.21	N/A
U-19	Utility	665.19	-2.92	N/A
U-20	Utility	663.63	-4.65	N/A
U-21	Utility	667.26	-1.15	N/A
U-22	Utility	663.31	-5.12	N/A
U-23	Utility	667.68	-0.77	N/A
U-24	Utility	663.74	-5.14	N/A
U-25	Utility	662.83	-6.06	N/A
U-26	Utility	664.33	-4.83	N/A
U-27	Utility	663.84	-5.32	N/A
U-28	Utility	667.50	-1.67	N/A
U-29	Utility	664.75	-4.43	N/A
U-30	Utility	664.97	-4.22	N/A
U-31	Utility	664.10	-5.10	N/A
U-32	Utility	664.08	-5.12	N/A
U-33	Utility	663.65	-5.56	N/A
U-34	Utility	669.04	-0.34	N/A
U-35	Utility	670.21	0.49	Add OL
U-36	Utility	663.95	-6.01	N/A
U-37	Utility	667.01	-3.02	N/A
U-38	Utility	666.45	-3.71	N/A
U-39	Utility	662.29	-7.98	N/A
U-40	Utility	664.13	-6.35	N/A
U-41	Utility	668.57	-1.93	N/A
U-42	Utility	664.55	-5.99	N/A
U-43	Utility	664.87	-5.91	N/A
U-44	Utility	665.64	-5.20	N/A
U-45	Utility	665.41	-5.45	N/A
U-46	Utility	665.05	-5.81	N/A
U-47	Utility	664.91	-5.96	N/A
U-48	Utility	664.57	-6.32	N/A
U-49	Utility	668.91	-2.00	N/A
U-50	Utility	669.67	-1.24	N/A
U-51	Utility	668.32	-2.61	N/A
U-52	Utility	666.84	-4.14	N/A
U-53	Utility	675.17	3.68	Add OL
U-54	Utility	668.32	-3.75	N/A
U-55	Utility	667.73	-4.61	N/A
U-56	Utility	664.23	-8.82	N/A
U-57	Utility	673.85	0.76	Add OL
U-58	Utility	672.61	-0.51	N/A
U-59	Utility	675.41	1.53	Add OL
U-60	Utility	668.79	-5.34	N/A
U-61	Utility	674.23	-0.55	N/A
U-62	Utility	671.51	-3.59	N/A
U-63	Utility	676.50	1.07	Add OL
U-64	Utility	673.79	-1.78	N/A
U-65	Utility	668.44	-7.63	N/A
U-66	Utility	673.71	-2.42	N/A
U-67	Utility	671.81	-4.42	N/A
U-68	Utility	673.98	-2.40	N/A
U-69	Utility	680.23	3.76	Add OL
U-70	Utility	672.13	-4.93	N/A
U-71	Utility	677.03	-0.08	N/A
U-72	Utility	674.01	-3.14	N/A
U-73	Utility	677.59	0.33	Add OL
U-74	Utility	671.82	-5.51	N/A
U-75	Utility	672.38	-5.33	N/A
U-76	Utility	667.85	-9.98	N/A
U-77	Utility	677.11	-0.73	N/A
U-78	Utility	671.14	-7.17	N/A
U-79	Utility	671.61	-6.76	N/A
U-80	Utility	676.94	-1.50	N/A
U-81	Utility	677.64	-0.81	N/A
U-82	Utility	672.35	-6.38	N/A
U-83	Utility	672.33	-6.51	N/A
U-84	Utility	678.15	-0.71	N/A
U-85	Utility	670.91	-8.16	N/A
U-86	Utility	671.40	-8.07	N/A
U-87	Utility	671.99	-7.57	N/A
U-88	Utility	673.06	-6.58	N/A
U-89	Utility	676.92	-2.74	N/A
U-90	Utility	679.85	0.15	NAVAID
U-91	Utility	670.74	-9.02	N/A
U-92	Utility	689.92	10.02	Add OL
U-93	Utility	675.68	-4.29	N/A
U-94	Utility	678.07	-2.27	N/A
U-95	Utility	670.47	-9.96	N/A
U-96	Utility	675.44	-5.11	N/A
U-97	Utility	677.62	-2.95	N/A
U-98	Utility	671.64	-9.45	N/A
U-99	Utility	674.89	-6.23	N/A
U-100	Utility	674.85	-6.34	N/A
U-101	Utility	680.71	-0.93	N/A
U-102	Utility	680.32	-1.40	N/A
U-103	Utility	672.98	-8.89	N/A
U-104	Utility	680.38	-1.72	N/A
U-105	Utility	676.03	-6.24	N/A
U-106	Utility	679.69	-2.87	N/A
U-107	Utility	681.53	-1.44	N/A
U-108	Utility	681.41	-1.70	N/A
U-109	Utility	680.81	-2.86	N/A
U-110	Utility	678.75	-5.19	N/A
U-111	Utility	680.01	-3.96	N/A
U-112	Utility	679.92	-5.00	N/A
U-113	Utility	678.72	-6.41	N/A
U-114	Utility	680.75	-4.41	N/A
U-115	Utility	677.93	-7.43	N/A
U-116	Utility	678.00	-7.80	N/A
U-117	Utility	679.18	-6.62	N/A
U-118	Utility	679.38	-7.06	N/A
U-119	Utility	677.77	-8.79	N/A
U-120	Utility	678.23	-8.66	N/A
U-121	Utility	679.39	-7.82	N/A
U-122	Utility	687.64	0.08	Add OL
U-123	Utility	679.31	-8.68	N/A
U-124	Utility	679.14	-8.87	N/A
U-125	Utility	687.03	-1.83	N/A
U-126	Utility	679.37	-9.63	N/A
U-127	Utility	682.97	-6.26	N/A
U-128	Utility	679.72	-9.79	N/A
U-129	Utility	680.89	-8.98	N/A
U-130	Utility	686.98	-3.17	N/A
U-131	Utility	682.54	-7.96	N/A
U-132	Utility	685.28	-6.04	N/A
U-133	Utility	685.93	-5.54	N/A
U-134	Utility	685.60	-6.36	N/A
U-135	Utility	685.90	-6.45	N/A
U-136	Utility	686.20	-6.39	N/A
U-137	Utility	687.51	-5.51	N/A
U-138	Utility	687.29	-6.79	N/A
U-139	Utility	689.48	-5.36	N/A
U-140	Utility	686.91	-8.23	N/A
U-141	Utility	688.48	-6.99	N/A
U-142	Utility	690.15	-5.49	N/A
U-143	Utility	687.86	-8.86	N/A
U-144	Utility	690.29	-7.47	N/A
U-145	Utility	688.43	-9.35	N/A
U-146	Utility	690.60	-7.19	N/A
U-147	Utility	699.86	1.70	Add OL
U-148	Utility	692.10	-6.66	N/A
U-149	Utility	692.37	-6.44	N/A
U-150	Utility	689.39	-9.48	N/A
U-151	Utility	696.95	-2.24	N/A
U-152	Utility	691.25	-8.87	N/A
U-153	Utility	694.18	-6.04	N/A
U-154	Utility	698.13	-2.35	N/A
U-155	Utility	698.45	-2.41	N/A
U-156	Utility	698.30	-2.94	N/A
U-157	Utility	699.01	-2.26	N/A
U-158	Utility	698.60	-3.03	N/A
U-159	Utility	700.54	-1.47	N/A
U-160	Utility	692.48	-9.60	N/A
U-161	Utility	700.40	-1.99	N/A
U-162	Utility	694.29	-8.45	N/A
U-163	Utility	700.22	-2.56	N/A
U-164	Utility	700.07	-3.10	N/A
U-165	Utility	700.43	-3.12	N/A
U-166	Utility	700.55	-3.39	N/A
U-167	Utility	700.52	-3.80	N/A
U-168	Utility	700.60	-4.10	N/A
U-169	Utility	700.28	-4.81	N/A
U-170	Utility	700.08	-5.40	N/A
U-171	Utility	704.09	-1.78	N/A
U-172	Utility	704.51	-1.74	N/A
U-173	Utility	704.65	-1.99	N/A
U-174	Utility	704.69	-2.33	N/A
U-175	Utility	704.74	-2.66	N/A
U-176	Utility	705.10	-2.66	N/A
U-177	Utility	704.66	-3.14	N/A
U-178	Utility	704.31	-3.86	N/A
U-179	Utility	704.20	-4.32	N/A
U-180	Utility	704.43	-4.12	N/A
U-181	Utility	709.75	1.18	Add OL
U-182	Utility	710.90	2.13	Add OL
U-183	Utility	710.33	1.53	Add OL
U-184	Utility	704.98	-3.92	N/A
U-185	Utility	710.17	1.25	Add OL
U-186	Utility	709.71	0.74	Add OL
U-187	Utility	702.78	-6.26	N/A
U-188	Utility	707.68	-2.03	N/A
U-189	Utility	707.53	-2.96	N/A
U-190	Utility	707.27	-3.97	N/A
U-191	Utility	709.46	-7.53	N/A
U-192	Utility	709.23	-8.68	N/A

Rosemarie S. Andolino
Executive Director

John A. Roberson
Commissioner

EXISTING RUNWAY 32R
INNER APPROACH SURFACE (2 of 2)

No	Revisions	Date

O'Hare International Airport

MAGNETIC NORTH DECLINATION = 2.8° W (AUGUST 1, 2005)
TRUE NORTH

DRAWN BY: MNT
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
September 2005
Sheet 41 of 56

Drawing: Z:\Chicago\ORD\OMP\ALP-DrawingSet-FINAL-2005 \ALP Set\41-32R-Obstructions (2 of 2).dwg_Layout: 32R_Sep 19, 2005, 3:21pm