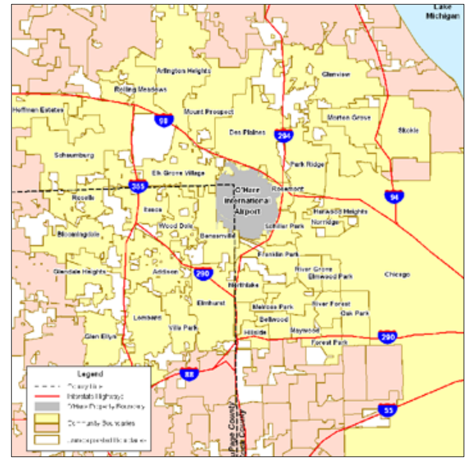
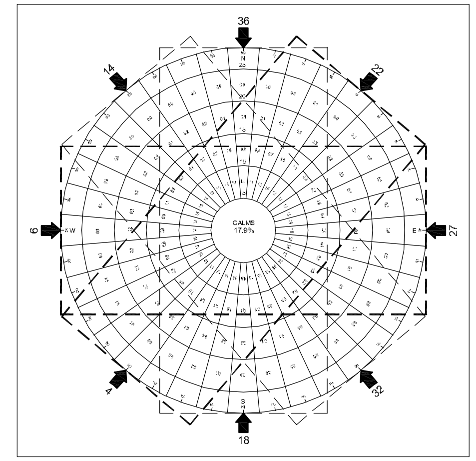
LOCATION MAP

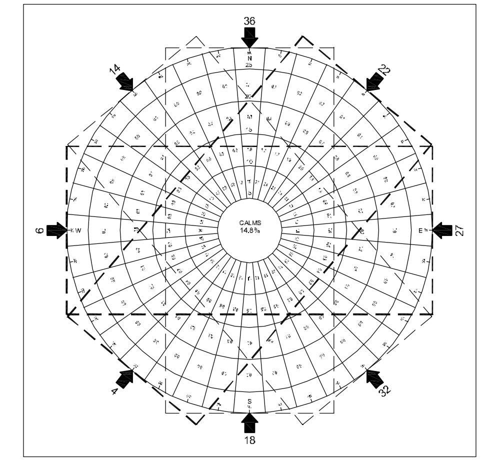
VICINITY MAP



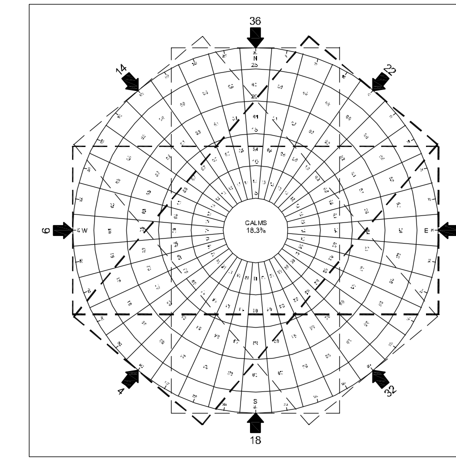
ALL WEATHER WIND ROSE



IFR WIND ROSE



VFR WIND ROSE



AIRPORT DATA TABLE

ITEM		EXISTING	FUTURE
Airport Category		Air Carrier Large Hub	Air Carrier Large Hub
Operational Role		Transport	Transport
Airport Reference Code (ARC)		D-V	D-VI
Airport Reference Point	Latitude	41° 58' 45.6"	41° 58' 37.0"
	Longitude	87° 54' 16.2"	87° 54' 29.3"
	Datums	NAD 83, NGVD 29	NAD 83, NAVD 88
Airport Elevation (NAVD 88)		667.7' MSL	668.3' MSL
Mean Max Temperature (Hottest Month)		84° F	84° F
Distance & Direction from Chicago		16 miles NW	16 miles NW
Land Owned in Fee (Acres)		6,789.0	7,265.2
Avigation Easement (Acres)		514	604
Owner		City of Chicago	City of Chicago
Critical Design Aircraft		Boeing 747-400	Airbus A380
Terminal Navigational Aids		ASR-9, VOR/DME ASDE	ASR-9, VOR/DME ASDE, ASDE-X
Weather Aids		TDWR, LLWAS	TDWR, LLWAS

WIND DATA SOURCE INFORMATION

Source	National Climatic Data Center US Department of Commerce Asheville, North Carolina, USA
Observation Station	O'Hare International Airport, Chicago, Illinois
Period of Record	January 1991 - December 2000
Number of Observations	87,543

ALL WEATHER WIND COVERAGE TABLE

CROSSWIND COMPONENT	RUNWAY COVERAGE 4-22	9-27 (10-28)	14-32	18-36
10.5 KTS	90.4%	87.0%	84.4%	88.5%
	96.7% (Future)		N/A	
	100.0% (Exisitng)			
13 KTS	96.3%	94.3%	92.8%	95.1%
	99.0% (Future)		N/A	
	100.0% (Exisitng)			
16 KTS	99.0%	98.3%	97.8%	98.5%
	99.8% (Future)		N/A	
	100.0% (Exisitng)			
20 KTS	99.9%	99.7%	99.5%	99.7%
	100.0% (Future)		N/A	
	100.0% (Exisitng)			

IFR WIND COVERAGE TABLE

CROSSWIND COMPONENT	RUNWAY COVERAGE 4-22	9-27 (10-28)	14-32	18-36
10.5 KTS	91.9%	83.1%	79.9%	88.1%
	96.3% (Future)		N/A	
	100.0% (Exisitng)			
13 KTS	96.9%	91.8%	89.5%	95.0%
	98.8% (Future)		N/A	
	100.0% (Exisitng)			
16 KTS	99.1%	97.1%	96.5%	98.5%
	99.7% (Future)		N/A	
	100.0% (Exisitng)			
20 KTS	99.9%	99.4%	99.4%	99.8%
	100.0% (Future)		N/A	
	100.0% (Exisitng)			

VFR WIND COVERAGE TABLE

CROSSWIND COMPONENT	RUNWAY COVERAGE 4-22	9-27 (10-28)	14-32	18-36
10.5 KTS	90.2%	87.4%	84.9%	88.6%
	96.7% (Future)		N/A	
	100.0% (Exisitng)			
13 KTS	96.2%	94.5%	93.1%	95.1%
	99.0% (Future)		N/A	
	100.0% (Exisitng)			
16 KTS	99.0%	98.4%	98.0%	98.6%
	99.8% (Future)		N/A	
	100.0% (Exisitng)			
20 KTS	99.9%	99.8%	99.6%	99.7%
	100.0% (Future)		N/A	
	100.0% (Exisitng)			

RUNWAY DATA TABLE

ITEM		4L Existing	4L Future	22R Existing	22R Future	4R Existing	4R Future	22L Existing	22L Future
Approach Visibility Minimums (RVR)		5000'	5000'	2400'	2400'	2400'	2400'	2400'	2400'
Runway Approach Category		NPI	NPI	CAT I	CAT I	CAT I	CAT I	CAT I	CAT I
Runway Length		7,520'	7,520'	7,520'	7,520'	8,091'	8,091'	8,091'	8,091'
Runway Width		150'	150'	150'	150'	150'	150'	150'	150'
Runway End Elevation (MSL)		655.8'	655.8'	647.7'	647.7'	661.2'	661.2'	654.4'	654.4'
Runway Threshold Elevation (MSL)		655.8'	655.8'	647.7'	647.7'	661.2'	661.2'	654.4'	654.4'
Runway Touchdown Zone Elevation (MSL)		658.7'	658.7'	651.3'	651.3'	661.2'	661.2'	654.4	654.4
Highest Point on Runway Centerline (MSL)		658.7'	658.7'	658.7'	658.7'	661.2'	661.2'	661.2'	661.2'
Lowest Point on Runway Centerline (MSL)		647.3	647.3	647.3'	647.3'	649.9'	649.9'	649.9'	649.9'
Displaced Threshold		None	None	None	None	None	None	None	None
Pavement Strength (x 1000 lb)		S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-200 DT-350	S-100 D-200 DT-350	S-100 D-200 DT-350	S-100 D-200 DT-350
Runway Lighting		HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL
Runway Marking		Precision	Precision	Precision	Precision	Precision	Precision	Precision	Precision
Surface Composition		Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph
Surface Condition		Grooved	Grooved	Grooved	Grooved	Grooved	Grooved	Grooved	Grooved
Navigational Aids		LOC RNAV (GPS)	LOC RNAV (GPS)	ILS CAT-I RNAV (GPS) VOR	ILS CAT-I GPS	ILS CAT-I GPS	ILS CAT-I GPS	ILS CAT-I GPS	ILS CAT-I GPS
Visual Aids		None	None	TDZL, PAPI MALSR	TDZL, PAPI MALSR	TDZL MALSR	TDZL MALSR	TDZL MALSR	TDZL MALSR
True Bearings		39° 29' 32.7"	39° 29' 32.7"	219° 30' 15.1"	219° 30' 15.1"	41° 29' 58.0"	41° 29' 58.0"	221° 30' 45.4"	221° 30' 45.4"
Runway End Coordinates	Latitude (N)	41° 58' 53.8846"	41° 58' 53.8846"	41° 59' 51.2111"	41° 59' 51.2111"	41° 57' 11.8967"	41° 57' 11.8967"	41° 58' 11.7561"	41° 58' 11.7561"
	Longitude (W)	87° 54' 50.1887"	87° 54' 50.1887"	87° 53' 46.8491"	87° 53' 46.8491"	87° 53' 58.0017"	87° 53' 58.0017"	87° 52' 47.0305"	87° 52' 47.0305"
Runway End Coordinates (Illinois State Plane East)	Northing	1936176.7214	1936176.7214	1942003.4221	1942003.4221	1925872.8359	1925872.8359	1931959.7402	1931959.7402
	Easting	1098278.9825	1098278.9825	1103033.1236	1103033.1236	1102272.7048	1102272.7048	1107603.1464	1107603.1464
Critical Wingspan Aircraft Design Group		V	V	V	V	V	V	V	V
Critical Aircraft Approach Category		D	D	D	D	D	D	D	D
Declared Distances	LDA ASDA TORA TODA	None	None	None	None	None	None	None	None

ITEM		9L (Future 9R) Existing	9L (Future 9R) Future	27R (Future 27L) Existing	27R (Future 27L) Future	9R (Future 10L) Existing	9R (Future 10L) Future	27L (Future 28R) Existing	27L (Future 28R) Future
Approach Visibility Minimums (RVR)		2400'	600'	1800'	600'	1800'	600'	1800'	600'
Runway Approach Category		CAT I	CAT II/III	CAT I	CAT II/III	CAT I	CAT II/III	CAT I	CAT II/III
Runway Length		7,974'	11,260'	7,974'	11,260'	10,147'	13,000'	10,147'	13,000'
Runway Width		150'	150'	150'	150'	150'	150'	150'	150'
Runway End Elevation (MSL)		659.6'	668.2'	650.0'	650.3'	665.8'	665.8'	651.3'	651.3'
Runway Threshold Elevation (MSL)		659.6'	668.2'	650.0'	650.3'	665.8'	665.8'	651.3'	651.3'
Runway Touchdown Zone Elevation (MSL)		659.6'	668.2'	653.7'	654.1'	665.8'	666.2'	651.3'	651.3'
Highest Point on Runway Centerline (MSL)		659.6'	668.2'	659.6'	668.2'	665.8'	666.2'	665.8'	666.2'
Lowest Point on Runway Centerline (MSL)		650.0'	650.3'	650.0'	650.3'	649.5'	649.5'	649.5'	649.5'
Displaced Threshold		None	None	None	None	None	None	None	None
Pavement Strength (x 1000 lb)		S-100 D-210 DT-350	S-100 D-210 DT-350	S-100 D-210 DT-350	S-100 D-210 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350
Runway Lighting		HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL
Runway Marking		Precision	Precision	Precision	Precision	Precision	Precision	Precision	Precision
Surface Composition		Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph
Surface Condition		Grooved	Grooved	Grooved	Grooved	Grooved	Grooved	Grooved	Grooved
Navigational Aids		ILS CAT-I GPS	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-I RNAV (GPS) NDB	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-I (DME), NDB RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-I (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)
Visual Aids		TDZL PAPI MALSR	TDZL, PAPI ALSF-II	TDZL PAPI MALSR	TDZL, PAPI ALSF-II	TDZL PAPI MALSR	TDZL PAPI ALSF-II	TDZL PAPI MALSR	TDZL PAPI ALSF-II
True Bearings		89° 58' 55.9"	89° 59' 24.0"	270° 00' 6.5"	270° 00' 3.7"	89° 52' 11.0"	89° 51' 45.8"	269° 53' 40.8"	269° 53' 40.8"
Runway End Coordinates	Latitude (N)	41° 59' 02.0301"	41° 59' 02.0163"	41° 59' 02.0411"	41° 59' 02.0412"	41° 58' 08.4465"	41° 58' 08.3807"	41° 58' 08.6526"	41° 58' 08.6526"
	Longitude (W)	87° 55' 06.1590"	87° 55' 53.6471"	87° 53' 20.5826"	87° 53' 24.5549"	87° 55' 15.7072"	87° 55' 53.4740"	87° 53' 01.3831"	87° 53' 01.3831"
Runway End Coordinates (Illinois State Plane East)	Northing	1936995.3590	1936976.8664	1937036.4720	1937034.9251	1931567.9790	1931547.7636	1931639.8784	1931639.8784
	Easting	1097068.8246	1093482.3933	1105042.2396	1104742.2436	1096373.8193	1093520.9312	1106520.6048	1106520.6048
Critical Wingspan Aircraft Design Group		V	V	V	V	V	V	V	V
Critical Aircraft Approach Category		D	D	D	D	D	D	D	D
Declared Distances	LDA ASDA TORA TODA	None	None	None	None	None	12,246' 12,246' 13,000' 13,000'	None	13,000' 13,000' 13,000' 13,000'

ITEM		14L Existing	32R Existing	14R Existing	32L Existing	18 Existing	36 Existing
Approach Visibility Minimums (RVR)		600'	1800'	600'	1800'	N/A	N/A
Runway Approach Category		CAT II/III	CAT I	CAT II/III	CAT I	Visual	Visual
Runway Length		10,028'	10,028'	13,021'	13,021'	5,341'	5,341'
Runway Width		150'	150'	200'	200'	150'	150'
Runway End Elevation (MSL)		652.6'	648.1'	665.5'	649.4'	646.0'	653.4
Runway Threshold Elevation (MSL)		652.6'	648.1'	665.5'	649.4'	646.0'	653.4
Runway Touchdown Zone Elevation (MSL)		652.6'	652.5'	667.7'	653.9'	651.2	653.8'
Highest Point on Runway Centerline (MSL)		652.7'	652.7'	667.7'	667.7'	653.8'	653.8'
Lowest Point on Runway Centerline (MSL)		647.9	647.9'	649.4'	649.4'	646.0'	646.0
Displaced Threshold		None	None	None	None	None	None
Pavement Strength (x 1000 lb)		S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350	S-100 D-185 DT-350	S-60 D-100 DT-150	S-60 D-100 DT-150
Runway Lighting		HIRL CL	HIRL CL	HIRL CL	HIRL CL	MIRL	MIRL
Runway Marking		Precision	Precision	Precision	Precision	Visual	Visual
Surface Composition		Conc/Asph	Conc/Asph	Conc/Asph	Conc/Asph	Asphalt	Asphalt
Surface Condition		Grooved	Grooved	Grooved	Grooved	Ungrooved	Ungrooved
Navigational Aids		ILS CAT-II/III (DME), NDB RNAV (GPS)	ILS CAT-I RNAV (GPS)	ILS CAT-II/III (DME), NDB RNAV (GPS)	ILS CAT-I (DME) RNAV (GPS)	None	None
Visual Aids		TDZL PAPI ALSF-II	TDZL MALSR	TDZL PAPI ALSF-II	TDZL MALSR	None	None
True Bearings		139° 59' 29.2"	320° 00' 26.3"	139° 58' 5.9"	319° 59' 20.0"	179° 59' 48.3"	359° 59' 48.3"
Runway End Coordinates	Latitude (N)	42° 00' 08.8695"	41° 58' 52.9773"	41° 59' 25.6432"	41° 57' 47.1331"	41° 59' 50.693"	41° 58' 57.929"
	Longitude (W)	87° 54' 55.4393"	87° 53' 30.0747"	87° 55' 59.3882"	87° 54' 08.5276"	87° 54' 01.477"	87° 54' 01.473"
Runway End Coordinates (Illinois State Plane East)	Northing	1943765.0180	1936115.2959	1939366.4299	1929435.5499	1941945.37	1936604.42
	Easting	1097845.3860	1104330.0994	1093037.6345	1101459.4439	1101928.89	1101956.19
Critical Wingspan Aircraft Design Group		V	V	VI	VI	II	II
Critical Aircraft Approach Category		D	D	D	D	B	B
Declared Distances	LDA ASDA TORA TODA	None	None	None	None	None	None
Future		Runway to be Closed	Runway to be Closed	Runway to be Closed	Runway to be Closed	Runway to be Closed	Runway to be Closed

ITEM		Future 9L Future	Future 27R Future	Future 9C Future	Future 27C Future	Future 10C Future	Future 28C Future	Future 10R Future	Future 28L Future
Approach Visibility Minimums (RVR)		600'	600'	600'	600'	600'	600'	600'	600'
Runway Approach Category		CAT II/III	CAT II/III	CAT II/III	CAT II/III	CAT II/III	CAT II/III	CAT II/III	CAT II/III
Runway Length		7,500'	7,500'	11,245'	11,245'	10,800'	10,800'	7,500'	7,500'
Runway Width		150'	150'	200'	200'	200'	200'	150'	150'
Runway End Elevation (MSL)		662.0'	660.5'	668.3'	652.4'	665.8'	650.0'	662.7'	658.0'
Runway Threshold Elevation (MSL)		662.0'	660.5'	668.3'	652.4'	665.8'	650.0'	662.7'	658.0'
Runway Touchdown Zone Elevation (MSL)		662.0'	660.5'	668.3'	652.4	665.8	651.1'	662.7'	659.9'
Highest Point on Runway Centerline (MSL)		662.0'	662.0'	668.3'	668.3'	665.8	665.8'	662.7	662.7'
Lowest Point on Runway Centerline (MSL)		651.7'	651.7'	651.4'	651.4'	650.0'	650.0'	658.0'	658.0'
Displaced Threshold		None	None	None	None	None	None	None	None
Pavement Strength (x 1000 lb)		S-100 D-210 DT-350	S-100 D-210 DT-350	ADG VI (To be defined)	ADG VI (To be defined)	ADG VI (To be defined)	ADG VI (To be defined)	S-100 D-210 DT-350	S-100 D-210 DT-350
Runway Lighting		HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL	HIRL CL
Runway Marking		Precision	Precision	Precision	Precision	Precision	Precision	Precision	Precision
Surface Composition		Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Surface Condition		Grooved	Grooved	Grooved	Grooved	Grooved	Grooved	Grooved	Grooved
Navigational Aids		ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)	ILS CAT-II/III (DME) RNAV (GPS)
Visual Aids		TDZL ALSF-II	TDZL ALSF-II	TDZL, PAPI ALSF-II	TDZL, PAPI ALSF-II	TDZL, PAPI ALSF-II	TDZL, PAPI ALSF-II	TDZL ALSF-II	TDZL ALSF-II
True Bearings		89° 59' 40.7"	270° 00' 47.2"	89° 58' 24.0"	270° 00' 03.6"	89° 51' 45.6"	269° 53' 21.2"	89° 51' 54.4"	269° 53' 0.8"
Runway End Coordinates	Latitude (N)	42° 00' 10.1957"	42° 00' 10.1907"	41° 59' 17.8919"	41° 59' 17.9168"	41° 57' 56.5258"	41° 57' 56.7568"	41° 57' 25.9245"	41° 57' 26.0870"
	Longitude (W)	87° 55' 36.0329"	87° 53' 56.6968"	87° 55' 53.6570"	87° 53' 24.7531"	87° 55' 53.4360"	87° 53' 30.4755"	87° 55' 40.3004"	87° 54' 01.0354"
Runway End Coordinates (Illinois State Plane East)	Northing	1943884.5021	1943920.8220	1938583.8451	1938641.8264	1930347.7938	1930424.3199	1927254.9119	1927308.0567
	Easting	1094779.8994	1102279.8115	1093474.1073	1104718.9578	1093529.4341	1104329.1629	1094536.4115	1102036.2233
Critical Wingspan Aircraft Design Group		V	V	VI	VI	VI	VI	V	V
Critical Aircraft Approach Category		D	D	D	D	D	D	D	D
Declared Distances	LDA ASDA TORA TODA	None	None	None	None	10,540' 10,540' 10,800' 10,800'	10,800' 10,800' 10,800' 10,800'	None	None

Note: (Geographic Coordinates are listed in NAD 83, NAVD 88, US Survey Feet)
(State Plane Coordinates are listed in Illinois East 1201, NAVD 88, US Survey Feet)

NATIONAL AIRSPACE SYSTEM EQUIPMENT PLATFORMS AND OTHER AIRPORT RELATED ABBREVIATIONS

TERM	ITEM
ADG	Airplane Design Group
ALSF-II	High Intensity Approach Lighting System with Sequenced Flashing Lights in ILS CAT-II
ASDE (-X)	Airport Surface Detection Equipment (Model X)
ASOS	Automated Surface Observation System
ASR-9	Airport Surveillance Radar - Model 9
CAT	Category
DME	Distance Measuring Equipment
GPS	Global Positioning System
HIRL - CL	High Intensity Runway Lights - Centerline Lights
ILS	Instrument Landing System
LAAS	Local Area Augmentation System
LLWAS	Low Level Wind Shear Alert System

TERM	ITEM
LOC	Localizer (ILS)
MALSR	Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights
MIRL	Medium Intensity Runway Lights
NDB	Nondirectional Beacon
NPI	Non-Precision Instrument
PAPI	Precision Approach Path Indicator
RNAV	Radio Navigation
SPA	Special Purposes Area
TDWR	Terminal Doppler Weather Radar
TDZL	Touchdown Zone Lighting
VOR/DME	Very High-Frequency (VHF) Omni-Directional Range / Distance Measuring Equipment

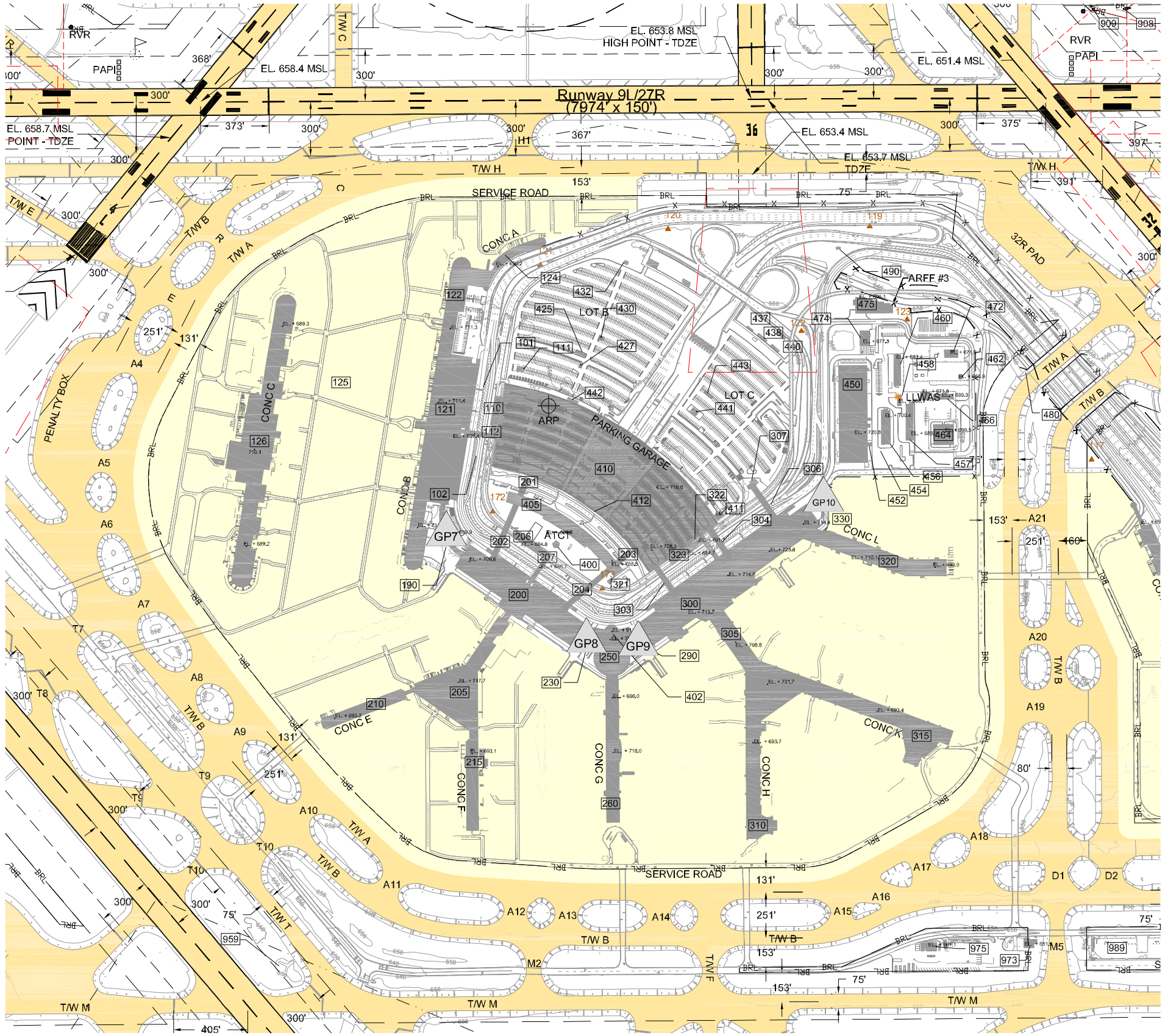
AIRPORT DATA SHEET

DRAWN BY: MRR
CHECKED BY: PDH
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 4 of 50

O'Hare International Airport

No	Revisions	Date

Drawing: Z: \Chicago \ORD \OMP \ALP-DrawingSet-FINAL \04-DataSheet.dwg_Layout: 36x48_Nov 24, 2003, 3:57pm



Terminal Area 000-400

101 - Pedestrian Tunnel 1A
102 - Pedestrian Tunnel 1B
110 - Terminal 1 - ATC Station (ATS-T1)
111 - Facility Power Substation 1 & 2
112 - Terminal 1 UPS Building
121 - Terminal 1
120 - Concourse B
124 - Concourse A
125 - Terminal 1 Baggage & Pedestrian Tunnel
126 - Concourse C
190 - Post 47 Guardhouse
200 - Terminal 2 (Building 46)
201 - Pedestrian Tunnel 2A
202 - Pedestrian Tunnel 2B
203 - Pedestrian Tunnel 2C
204 - Pedestrian Tunnel 2D
205 - Concourse E/F & Concourse E/F Link
206 - Terminal 2 ATS Station (ATS-T2)
207 - Terminal 2 UPS Building
210 - Concourse E
215 - Concourse F
230 - Post 48 Guardhouse
250 - Rotunda (Building 48)
260 - Concourse G (Building 47)
290 - Post 49 Guardhouse
300 - Terminal 3 (Building 48)
303 - Pedestrian Tunnel 3A
304 - Pedestrian Tunnel 3B
306 - Concourse H/K & Concourse H/K Link
307 - Pedestrian Tunnel 3C
310 - Concourse H
315 - Concourse K
320 - Concourse L
321 - Transition Power Substation A / Facility Power Substation 3
322 - Terminal 3 UPS Building
323 - Terminal 3 ATS Station (ATS-T3)
330 - Post 410 Guardhouse
400 - FAA Air Traffic Control Tower (Decommissioned in 1996)
402 - New FAA Air Traffic Control Tower / ARSR Radar (Made in 1998)
405 - Cargo Building
410 - Elevated Parking Structure (EPS)
411 - Transportation Center Bridge House
412 - Transportation Center
425 - Pump House - Parking Lot (Fire)
427 - Pump House Stairway Enclosure
430 - Rental Block House
432 - Inspire Room #1
437 - Enthusiast Room #2
438 - Enthusiast Room #1
440 - Inspire Room #2
441 - CTA Service Entrance
442 - Bus Dock #1
443 - CTA Affiliate
450 - H & R Building
452 - Citgo Inc Chemical Storage Building
454 - Hulpi Chemical Storage Building
456 - South Cooling Tower
457 - Pump House Cooling Tower
458 - FAA Maintenance Tower and Building
460 - North Cooling Tower
462 - Commonwealth Edison Substation
464 - SBC Building
466 - SBC Garage
472 - City Substation RH-10 Building
474 - CTA Substation
475 - A,R,F,F #3
480 - Taxiway Bridge UR Station
490 - Sprinkler Control Room

Rentable & Support Area 900-989

908 - FAA Office Slope Site (27R)
909 - FAA Office Slope Site (32R)
950 - Rough Pump Station
972 - Oil Separator #2
973 - AAL - Ground Service Equipment (GSE) Building
989 - Super Fuel Seattle

LEGEND

- AIRFIELD PAVEMENT
- APRON PAVEMENT
- AIRPORT BUILDING
- RUNWAY PROTECTION ZONE
- RUNWAY SAFETY AREA
- OBJECT FREE AREA
- PRECISION OBJECT FREE AREA
- BUILDING RESTRICTION LINE (BRL)
- AIR OPERATIONS AREA (AOA)
- RUNWAY VISIBILITY ZONE
- GLIDE SLOPE CRITICAL AREA
- LOCALIZER CRITICAL AREA
- TOPOGRAPHICAL CONTOURS
- MONUMENTS
- WIND CONE
- AIRPORT REFERENCE POINT
- LOW-LEVEL WIND SHEAR ALERT SYSTEM ANTENNA
- EXISTING GUARD POSTS

DRAWN BY: EB

CHECKED BY: FG

PREPARED BY:
Rijconda & Associates, Inc.

October 2003

Sheet 5 of 50

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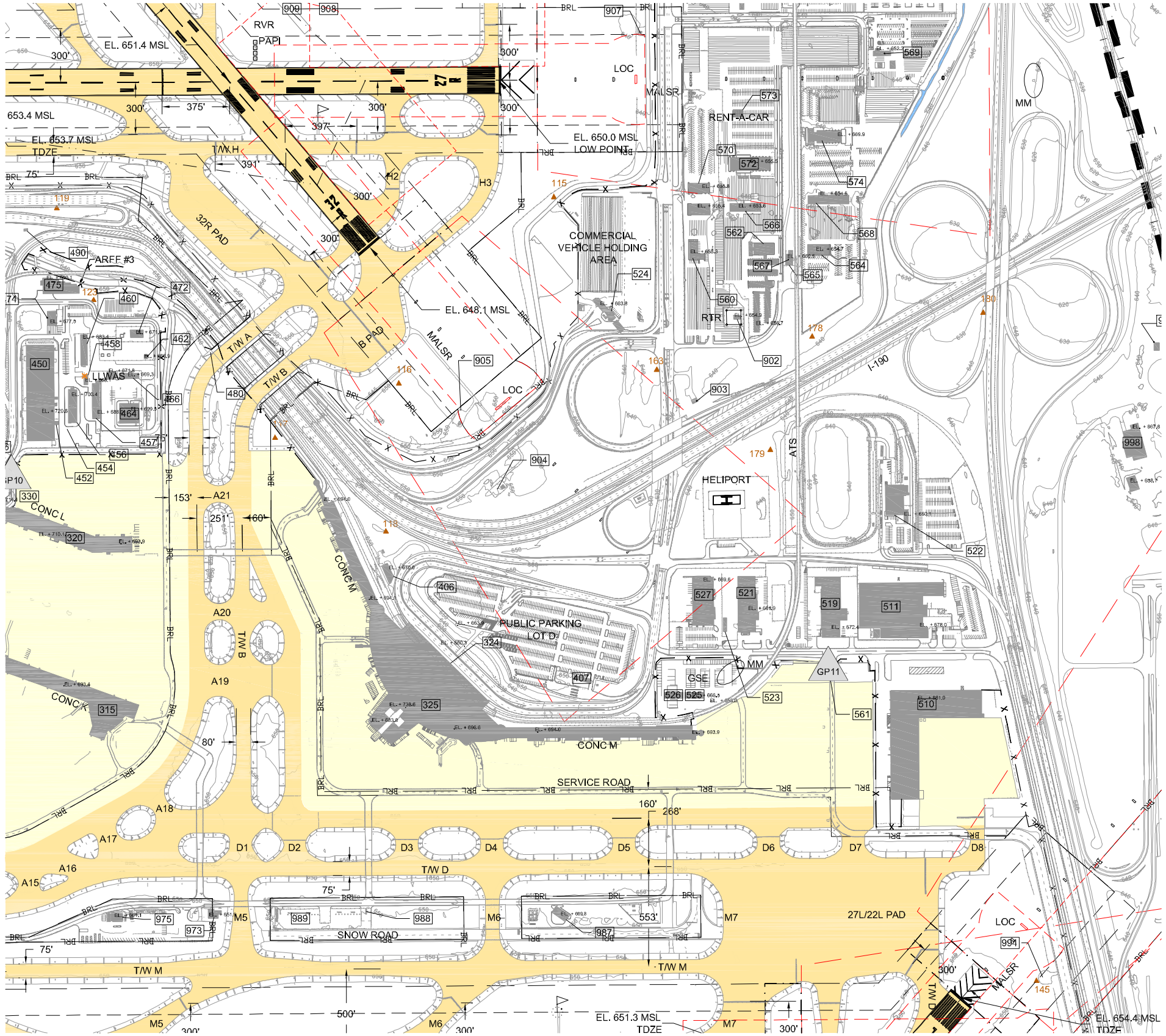
GRAPHICAL SCALE IN FEET

O'Hare International Airport

No.	Revisions	Date

EXISTING TERMINAL AREA PLAN - CORE

Drawing Z:\Chicago\ORD\OMP\ALP-Drawings\ref\FINAL_102-ORD-Existing.dwg, Layout: CORE AREA PLAN, Nov 24, 2003, 3:31pm



Terminal Area (400-499)

315 - Concourse K
320 - Concourse L
324 - International Terminal/ATO Station
325 - International Terminal/Concourse M
330 - Pos/LRTO Guardhouse
406 - Transition Power Substation B/ Facility Power Substation
407 - Pump House - Terminal 5
450 - H & R Building
452 - Chlorine Chemical Storage Building
454 - Acid Chemical Storage Building
456 - South Cooling Tower
457 - Commonwealth Edison Tower
458 - FAA Microwave Tower and Building
460 - North Cooling Tower
462 - Commonwealth Edison Switchyard
464 - SBC Building
466 - SBC Garage
472 - City Substation RB-40 Building
474 - CTA Substation
475 - A.R.F.F. #3
480 - Tie Amp 84Kv UG Station
490 - Satellite Control Room

Support Service Area (500-)

510 - Vacant (Former UPS/ Chicago Air Cargo)
511 - Sky Chef Flight Kitchen
519 - Pitlick - CPD (Former City Warehouse)
521 - Vacant (Former Signature Flight Services Terminal)
522 - ATS Maintenance & Storage Facility Building / Facility Power Substation 7
523 - Vacant
524 - Commercial Vehicle Holding Area Building
525 - Tribune
526 - Terminal 5 Pumping Station
527 - Delta Air Freight
560 - Alamo/National Car Rental Maintenance
561 - Pos/LRTO Guardhouse
562 - Hertz Car Rental Check-In & Administration
564 - Avis Car Rental Check-In
565 - Transition Power Substation C/ Facility Power Substation 5
566 - Hertz Gas Island
567 - Avis Gas Cell, ATO/UPS Building
568 - Hertz Tire Mount
569 - Dollar Gas Island
570 - National Car Rental Administration
572 - Hertz Car Rental Maintenance
573 - Hertz Rent-A-Customer Service Building
574 - Avis Car Rental Administration & Maintenance

Vacation & Support Area (900-)

902 - FAA Remote Transmitter/Receiver C
903 - Bensie Coleman LB Station
904 - FAA Localizer Transmitter (1NL)
905 - FAA Localizer Building Site (1NL)
907 - FAA Localizer Building Site (IL)
908 - FAA Glide Slope Site (27R)
909 - FAA Glide Slope Site (32R)
973 - Oil Separator #2
975 - AAI - Ground Service Equipment (GSE) Building
987 - Lockheed Maintenance Facility
988 - Truck Fuel Dock & Airline Shuttle Facility
989 - Super Fuel Depot
994 - FAA Localizer Building Site (4R)
998 - Domestic Water Station

LEGEND

- AIRFIELD PAVEMENT
- APRON PAVEMENT
- AIRPORT BUILDING
- AIRPORT PROPERTY LINE
- RUNWAY PROTECTION ZONE
- RUNWAY SAFETY AREA
- OBJECT FREE AREA
- PRECISION OBJECT FREE AREA
- BUILDING RESTRICTION LINE (BRL)
- AIR OPERATIONS AREA (AOA)
- RUNWAY VISIBILITY ZONE
- GLIDE SLOPE CRITICAL AREA
- LOCALIZER CRITICAL AREA
- TOPOGRAPHICAL CONTOURS
- MONUMENTS
- WIND CONE
- LOW-LEVEL WINDSHEAR ALERT SYSTEM ANTENNA
- EXISTING GUARDPOSTS

DRAWN BY: EB
CHECKED BY: FG
PREPARED BY: Rijcondo & Associates, Inc.
October 2003
Sheet 6 of 50

N

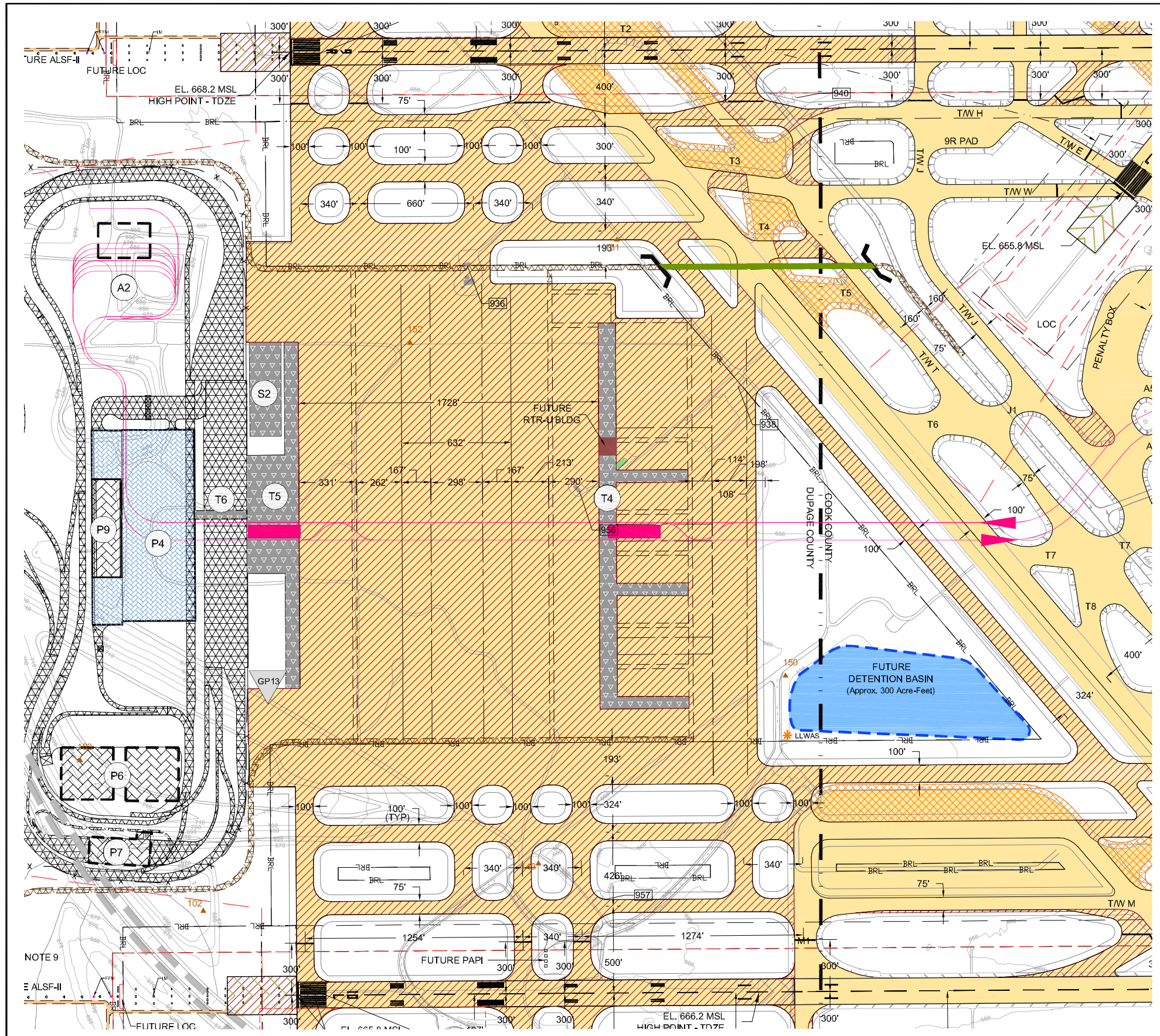
0 100 200 400
GRAPHICAL SCALE IN FEET

O'Hare International Airport

No.	Revisions	Date

EXISTING TERMINAL AREA PLAN - EAST

Drawing Z:\ICNcago\ORD\OMP\ALP-Drawings\Set-FINAL 102-ORD-Existing.dwg, Layout: EAST AREA PLAN, Nov 24, 2003, 8:34pm



Navaids & Scaper-A Area 2003

930 - Radar Building and Tower (ARR4)
935 - FAA Radar Site
935 - FAA Localizer Building Site (ZTR)
950 - FAA Remote Transmitter/Receiver (ORD)
957 - FAA Localizer Building Site (ZDR)

FACILITY LIST	
(G)	FUTURE APM/MAINTENANCE YARD AND STORAGE
(K)	FUTURE SHORT TERM PARKING
(N)	FUTURE UNI STAGING
(P)	FUTURE TAXI STAGING
(R)	FUTURE QUICK TURN AREA
(U)	HEATING & REFRIGERATION CO-GENERATION FACILITY
(L)	FUTURE TERMINAL 7 SATELITE CONCOURSE
(N)	FUTURE TERMINAL 7 I CONCOURSE
(N)	FUTURE TERMINAL 7 PEDESTRIAN BRIDGE

FUTURE SERVICE ROAD
FUTURE TUNNELS
SERVICE ROAD UPGRADE
FUTURE NAVAID/ARFF ACCESS ROAD
RUNWAY PROTECTION ZONE
RUNWAY SAFETY AREA
OBJECT FREE AREA
PRECISION OBJECT FREE AREA
BUILDING RESTRICTION LINE (BRL)
AIR OPERATIONS AREA (AOA)
RUNWAY VISIBILITY ZONE
GLIDE SLOPE CRITICAL AREA
LOCALIZER CRITICAL AREA
AUTOMATED PEOPLE MOVER SYSTEM (UNDERGROUND)
TOPOGRAPHICAL CONTOURS

LEGEND

EXISTING AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
AIRFIELD PAVEMENT DEMOLITION
EXISTING APRON PAVEMENT
FUTURE TERMINAL BUILDING
FUTURE AIRPORT FACILITY
FUTURE ROADWAYS
FUTURE STRUCTURED PARKING
FUTURE SURFACE PARKING
EXISTING AIRPORT PROPERTY LINE
COUNTY LINE
MONUMENTS
INNER MARKERS (IM)
FAR FIELD MONITORS (FFM)
LOW-LEVEL WINDSHEAR ALERT SYSTEM ANTENNA
FUTURE GUARD POSTS

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Sheet 7 of 50	

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GRAPHICAL SCALE IN FEET
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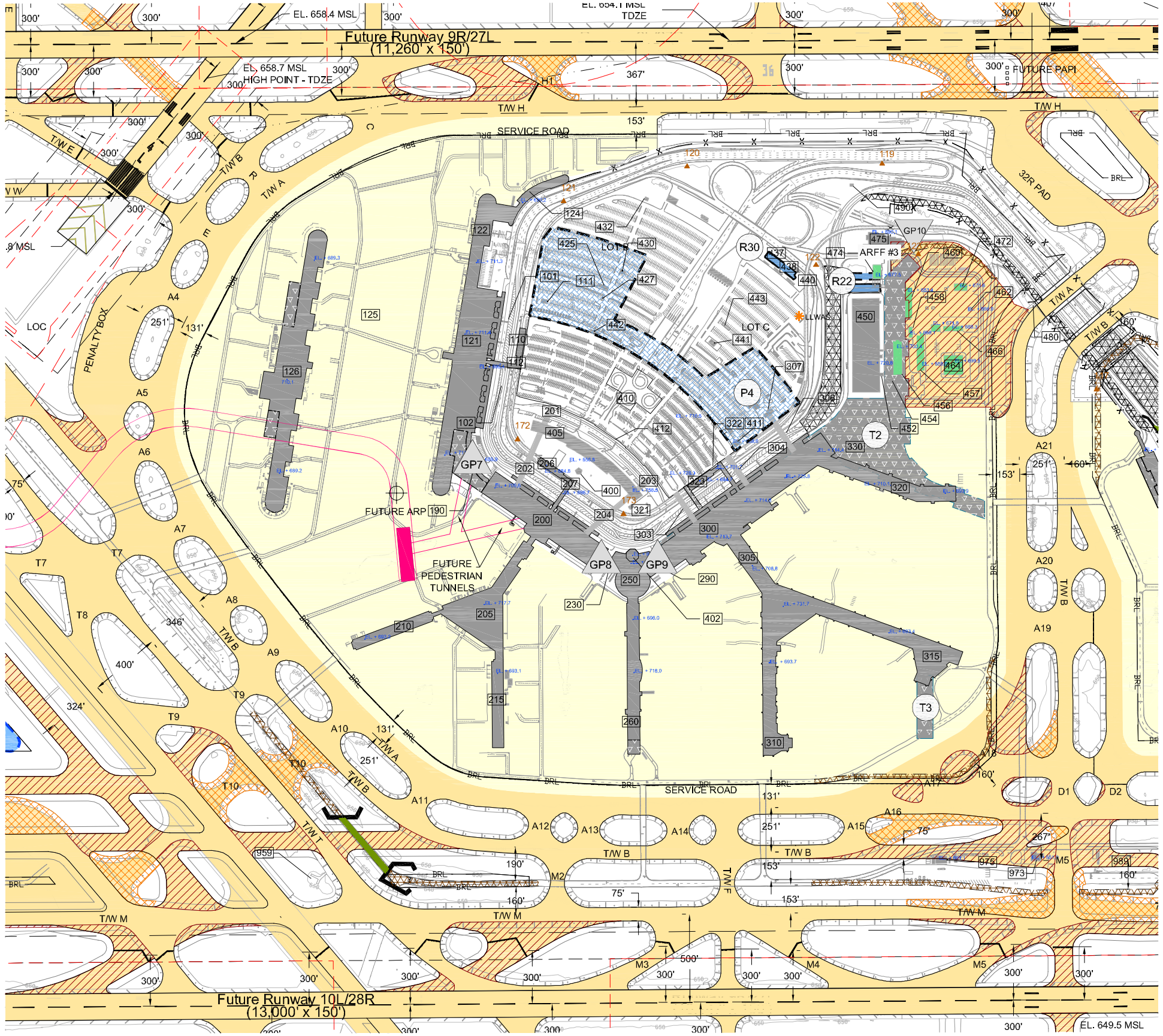
O'Hare International Airport

No.	Revisions	Date

CHICAGO Airport System

FUTURE TERMINAL AREA PLAN - WEST

Drawing: Z:\Chicago\ORD\OMP\ALP-Drawings\Set-FINAL 103-ORD-Future.dwg_Layout: West Terminal_Nov 24, 2003, 9:30pm



Terminal Area 000-499

101 = Pedestrian Tunnel 1A
102 = Pedestrian Tunnel 1B
110 = Terminal 1, ATS Station (ATS-T1)
111 = Facility Power Substation 1 & 2
112 = Terminal 1, UPS Building
121 = Terminal 1
122 = Concourse B
124 = Concourse A
125 = Terminal 1 Baggage & Pedestrian Tunnel
126 = Concourse C
190 = Pos.147 Guardhouse
200 = Terminal 2 Building (4A)
201 = Pedestrian Tunnel 2A
202 = Pedestrian Tunnel 2B
203 = Pedestrian Tunnel 2C
204 = Pedestrian Tunnel 2D
205 = Concourse E/F & Concourse E/F 1,H
206 = Terminal 2, ATS Station (ATS-T2)
207 = Terminal 2, UPS Building
210 = Concourse E
215 = Concourse F
230 = Pos.148 Guardhouse
250 = Terminal 3 Building (4B)
260 = Concourse G (A&B Alig.41)
290 = Pos.149 Guardhouse
300 = Terminal 3 (Building 4B)
303 = Pedestrian Tunnel 3A
304 = Pedestrian Tunnel 3B
305 = Concourse H/K & Concourse H/K 1,H
306 = Pedestrian Tunnel 3C
307 = Pedestrian Center 4F
310 = Concourse H
315 = Concourse K
320 = Pos.150 Guardhouse
321 = Triangle Power Substation A1
Facility Power Substation 3
322 = Terminal 3 UPS Building
323 = Terminal 3 ATS Station (ATS-T3)
330 = Pos.410 Guardhouse
400 = FAA Air Traffic Control Tower (Decommissioned in 1995)
402 = New FAA Air Traffic Control Tower / ASDE (Completed in 1996)
405 = Hilton Hotel
410 = Elevated Parking Structure (EPS)
411 = Transportation Center Boiler House
412 = Transportation Center
425 = Pump House - Parking Lot E Exp
427 = Pump House Satellite Exp. Lot
430 = North Block House
432 = Inlet Room #1
437 = Exhaust Room #2
438 = Exhaust Room #1
440 = Inlet Room #2
441 = Pump House Expansion
442 = Bus Depot
443 = CTA Hospital
450 = R & R Building
452 = Chicago Chemical Storage Building
454 = Acid Chemical Storage Building
456 = South Cooling Tower
457 = Southeast Cooling Tower
458 = FAA MLS Antenna Tower and Building
460 = North Cooling Tower
462 = Commonwealth Edison Switchyard
464 = Fire Station
466 = EBC Garage
472 = City Substation RR40 Building
474 = CTA Substation
475 = A.R.F.F. #3
480 = Taxiway Bridge Lift Station
490 = Sprinkler Control Room

Hangars & Support Area 500-999

950 = North Pump Station
972 = Old Hangar #2
975 = AAL = Ground Service Equipment (GSE) Building
989 = Super Fuel Station

FACILITY LIST

(PK)	FUTURE SHORT TERM PARKING
(CT)	FUTURE COOLING TOWERS (SOUTH-466, SOUTHEAST-457 AND NORTH-460)
(SS)	FUTURE DTT, RB40, & CTA SUBSTATION (462, 472 & 474)
(S)	COMMONWEALTH EDISON SWITCH YARD
(T)	FUTURE TERMINAL 4
(C)	FUTURE K CONCOURSE EXTENSION

LEGEND

- FUTURE SERVICE ROAD
- FUTURE TUNNELS
- SERVICE ROAD UPGRADE
- RUNWAY PROTECTION ZONE
- RUNWAY SAFETY AREA
- OBJECT FREE AREA
- BUILDING RESTRICTION LINE (BRL)
- AIR OPERATIONS AREA (AOA)
- RUNWAY VISIBILITY ZONE
- LOCALIZER CRITICAL AREA
- AUTOMATED PEOPLE MOVER SYSTEM (UNDERGROUND)
- TOPOGRAPHICAL CONTOURS
- EXISTING AIRFIELD PAVEMENT
- FUTURE AIRFIELD PAVEMENT
- AIRFIELD PAVEMENT DEMOLITION
- EXISTING APRON PAVEMENT
- EXISTING AIRPORT BUILDING
- FUTURE TERMINAL BUILDING
- EXISTING AIRPORT BUILDINGS TO AOA TO BE REUSED
- RELOCATED AIRPORT BUILDINGS PREVIOUSLY TO AOA
- FUTURE ROADWAYS
- FUTURE STRUCTURED PARKING
- MONUMENTS
- AIRPORT REFERENCE POINT
- LOW-LEVEL WINDSHEAR ALERT SYSTEM ANTENNA
- EXISTING GUARD POSTS
- FUTURE GUARD POSTS

DRAWN BY: EB
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 8 of 50

N
MAGNETIC NORTH
ONLY ON THE ACTIVE
RUNWAYS ON
OCTOBER 31, 2003
TRUE NORTH
0 100 200 400
GRAPHICAL SCALE IN FEET

O'Hare International Airport

No.	Revisions	Date

FUTURE TERMINAL AREA PLAN - CORE

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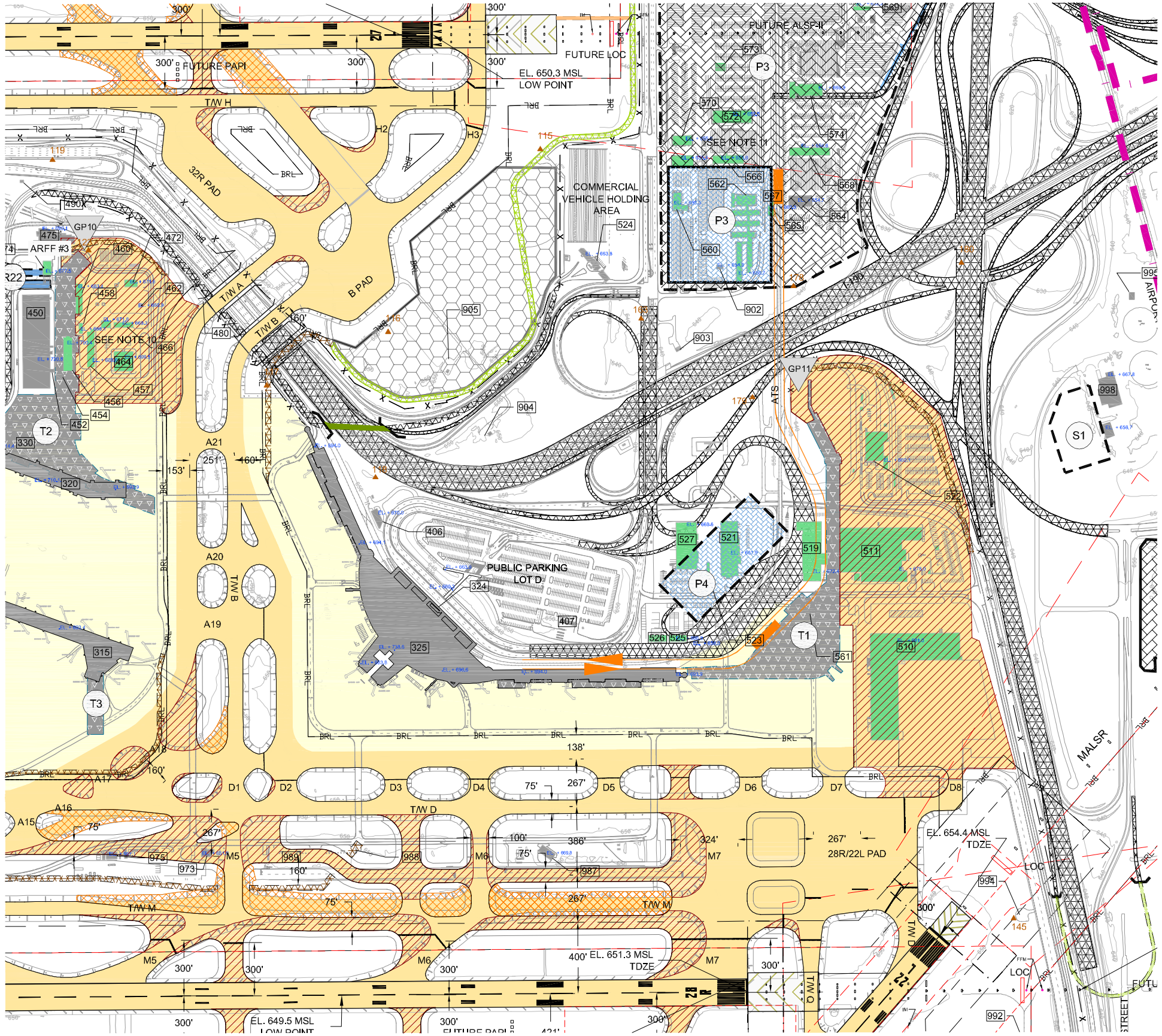

Terminal Area (000-499)

310 - Concourse K
320 - Concourse L
324 - International Terminal/ATO Station
328 - International Terminal/Concourse M
330 - Pier K110 Gatehouse
408 - Transition Power Substation B/ Facility Power Substation 4
407 - Pump House - Terminal 5
450 - H & R Building
452 - Cold Air Chemical Storage Building
454 - Cold Air Chemical Storage Building
456 - South Cooling Tower
457 - Southeast Cooling Tower
458 - FAA Microwave Tower and Building
460 - North Cooling Tower
462 - Commonwealth Edison Switchyard
464 - SBC Building
466 - SBC Garage
472 - City Substation RB40 Building
474 - CTA Substation
475 - A.R.F.F. #3
480 - Tardway Bridge Lift Station
490 - Sprinkler Control Room

Southeast Service Area (500)

510 - Vacant (Former LYNX/Chicago Air Cargo)
511 - Sky Chef Flight Kitchen
519 - Pullco - CFD (Former City Warehouse)
521 - Former Signature Flight Services - Terminal
522 - ATO Maintenance & Storage Facility Building / Facility Power Substation7
523 - Vacant
524 - Commercial Vehicle Holding Area Building
525 - Triangle
526 - Terminal 5 Pumping Station
527 - Delta Air Freight
560 - Alamo/National Car Rental Maintenance
561 - Pier K111 Gatehouse
562 - Hertz Car Rental Check-In & Administration
564 - Avis Car Rental Checkin
565 - Transition Power Substation C/ Facility Power Substation 8
566 - Hertz Stockroom
567 - Alamo Car ATC/UPS Building
568 - Budget Car Rental
569 - Dollar Rental Car
570 - National Car Rental Administration
572 - Hertz Car Rental Maintenance
573 - Hertz North Customer Service Building
574 - Avis Car Rental Administration & Maintenance

Variable & Support Area (900)

902 - FAA Remote Transmitter/Receiver C
903 - Bessie Coleman Station
904 - FAA Localizer Transmitter (HL)
905 - FAA Localizer Building Site (HL)
973 - CB Skyscraper
975 - AAL - Ground Service Equipment(GSE) Building
987 - Lockheed Maintenance Facility
988 - Truck Fuel Stand & Office Office of Facility
989 - Super Fuel Depot
992 - FAA Localizer Building Site (IR)
994 - FAA Localizer Building Site (IR)
995 - Elect. Meter House
998 - Domestic Water Station

FACILITY LIST

(R)	FUTURE RENTAL CAR FACILITY
(S)	FUTURE SHORT TERM PARKING
(CT)	FUTURE COOLING TOWERS (SOUTH-456, SOUTHEAST-457 AND NORTH-460)
(P)	COMMONWEALTH EDISON SWITCH YARD
(T)	FUTURE TERMINAL 6
(T)	FUTURE TERMINAL 4
(TX)	FUTURE K CONCOURSE EXTENSION

LEGEND

EXISTING AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
AIRFIELD PAVEMENT DEMOLITION
EXISTING APRON PAVEMENT
EXISTING AIRPORT BUILDING
FUTURE TERMINAL BUILDING
EXISTING AIRPORT BUILDINGS IN AOA TO BE RELOCATED
RELOCATED AIRPORT BUILDINGS PREVIOUSLY IN AOA
FUTURE AIRPORT BUILDING
FUTURE AIRPORT FACILITY
FUTURE AVIATION DEVELOPMENT
FUTURE ROADWAYS
FUTURE STRUCTURED PARKING
FUTURE SURFACE PARKING
EXISTING AVIGATION EASEMENT
FUTURE AIRPORT PROPERTY LINE
EXISTING AIRPORT PROPERTY LINE
MONUMENTS
INNER MARKERS (IM)
FAR FIELD MONITORS (FFM)
FUTURE GUARD POSTS
FUTURE SERVICE ROAD
FUTURE TUNNELS
SERVICE ROAD UPGRADE
FUTURE BANDSHARP ACCESS ROAD
RUNWAY PROTECTION ZONE
RUNWAY SAFETY AREA
OBJECT FREE AREA
PRECISION OBJECT FREE AREA
BUILDING RESTRICTION LINE (BRL)
AIR OPERATIONS AREA (AOA)
GLIDE SLOPE CRITICAL AREA
LOCALIZER CRITICAL AREA
FUTURE AIRPORT TRANSIT SYSTEM
TOPOGRAPHICAL CONTOURS

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CHECKED BY: FG
PREPARED BY: Rijcondo & Associates, Inc.
October 2003
Sheet 9 of 50

N
MAGNETIC NORTH
ONLINE FOR FACILITY
OCTOBER 2003
TRUE NORTH
0 100 200 400
GRAPHICAL SCALE IN FEET

O'Hare International Airport

No.	Revisions	Date

FUTURE TERMINAL AREA PLAN - EAST

Drawing: Z:\Chicago\ORD\OMP\ALP-Drawings\Set-FINAL 103-ORD-Future.dwg, Layout: East Terminal, Nov 24, 2003, 3:42pm