NOTES

1) ALL TAXIWAY LABELS REFER TO EXISTING AIRFIELD ONLY. NO FUTURE TAXIWAY LABELS HAVE BEEN ASSIGNED.
2) SPECIFIC SITING FOR FUTURE RELOCATED BUILDINGS MAY VARY WITHIN FUTURE AVIATION DEVELOPMENT AREAS.
3) THE GRAY BASE MAP SHOWING EXISTING INFORMATION IS BASED ON PRECISE AERIAL PHOTOGRAPHY FROM NOVEMBER 2001.
4) RUNWAY 10L LANDING DISTANCE AVAILABLE (LDA) = 12,246 FEET.
5) RUNWAY 10C LANDING DISTANCE AVAILABLE (LDA) = 10,540 FEET.
6) SPECIFIC SITING OF FUTURE UNDERGROUND AUTOMATED PEOPLE MOVER STATIONS AND PEDESTRIAN TUNNELS WILL BE DEFINED AFTER ADDITIONAL ANALYSIS.
7) NO OFZ OBJECT PENETRATIONS.
8) NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
9) MODE OF ACCESS AND ROUTE TO APPROACH LIGHTS BEYOND THIS POINT NOT SHOWN. ACCESS WILL BE PROVIDED AND DETAILS WILL BE FINALIZED DURING FACILITY DESIGN.
10) SBC WILL RELOCATE SWITCH BUILDING (464) AND GARAGE (466) TO EXISTING OFF-AIRPORT FACILITY.
11) ALL EXISTING RENTAL CAR FACILITIES WILL BE RELOCATED FROM RUNWAYS 27C AND 27L RPZ.
12) FUTURE SOUTH AIR TRAFFIC CONTROL TOWER LOCATION SUBJECT TO FURTHER ANALYSIS.
13) ON-AIRPORT SURVEY MONUMENTS INSTALLED WITH CARSONITE SURVEY MARKERS AND LABELED "DO NOT DESTROY".
14) EXISTING RAILROAD INFRASTRUCTURE WILL BE DEMOLISHED AS REQUIRED.
15) ALL EXISTING MILITARY FACILITIES WILL BE DEMOLISHED.
16) ALL NON-AIRPORT FACILITIES WITHIN THE FUTURE AIRPORT PROPERTY LINE WILL BE DEMOLISHED AS REQUIRED FOR NEW AIRPORT FACILITIES.
17) ALL EXISTING NAVAID FACILITIES WILL BE RELOCATED OR REMOVED AS REQUIRED FOR FUTURE FACILITIES.
18) ALL FUTURE NAVAID FACILITIES ARE PRELIMINARY AND SUBJECT TO CHANGE.
19) MODIFICATIONS TO STANDARDS (MOS) PROVIDED TO FAA UNDER SEPARATE COVER.
20) SPECIFIC DETAILED CONFIGURATION OF FACILITIES AND ALIGNMENT OF ACCESS TO AND AROUND RESTHAVEN CEMETERY WILL BE FINALIZED AT LATER DATE.
21) IF BLAST PROTECTION IS DETERMINED TO BE REQUIRED AROUND RESTHAVEN CEMETERY AT A LATER DATE, IT WILL BE PROVIDED IN ACCORDANCE WITH FAA STANDARDS.

Terminal Area (000 - 400)

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
125 - Terminal 1 Baggage & Pedestrian Tunnel
126 - Concourse C
190 - Post #7 Guardhouse
200 - Terminal 2 (Building #4)
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 #8 Guardhouse
250 - Rotunda (Building #6)
260 - Concourse G (Building #7)
300 - Terminal 3 (Building #8)
303 - Pedestrian Tunnel 3A
304 - Pedestrian Tunnel 3B
305 - Concourse H/K & Concourse H/K Link
306 - Pedestrian Tunnel 3C
307 - Pedestrian Center #7
310 - Concourse H
315 - Concourse K
320 - Concourse L
321 - Traction Power Substation A / Facility Power Substation 3
322 - Terminal 3 UPS Building
323 - Terminal 3 ATS Station (ATS-T3)
324 - International Terminal 5 ATS Station
325 - International Terminal 5 / Concourse M
330 - Post #10 Guardhouse
400 - DOA Operations (Former ATCT Decommissioned in 1996)
402 - FAA Air Traffic Control Tower / ASDE (Commissioned in 1996)
405 - Hilton Hotel
406 - Traction Power Substation B / Facility Power Substation 4
407 - Pump House - Terminal 5
410 - Elevated Parking Structure (EPS)
411 - Transportation Center Boiler House
412 - Transportation Center
425 - Pump House - Parking Lot (Fire)
427 - Pump House Stairway Enclosure
430 - North Block House
432 - Intake Room #1
437 - Exhaust Room #2
438 - Exhaust Room #1
440 - Intake Room #2
441 - CTA Service Entrance
442 - Bus Dispatch
443 - CTA Air Intake
450 - H & R Building
452 - Chlorine Chemical Storage Building
454 - Acid Chemical Storage Building
456 - South Cooling Tower
457 - Southeast Cooling Tower
458 - FAA RTR Antennas 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 - Taxiway Bridge Lift Station
490 - Sprinkler Control Room

Southeast Service Area (500)

500 - Post #4A Guardhouse
501 - Salt Storage
502 - Airport Maintenance Complex (AMC)
503 - Salt Storage
504 - Gate Gourmet Flight Kitchen
505 - City Glycol & Runway Deicer Facility
507 - City Gas Stand
509 - Post #4 Guardhouse
510 - Vacant (Former LYNX / Chicago Air Cargo)
511 - Sky Chef Flight Kitchen
513 - BAX Global (Former Burlington Northern)
514 - U.S. Post Office - International
515 - Air Canada
516 - JAL / EVA / BA Cargo
517 - Korean Air Cargo
519 - Police - CPD (Former City Warehouse)
521 - Mixed Use Building (Former Signature Flight Services Terminal)
522 - ATS Maintenance & Storage Facility Building / Facility Power Substation 7
523 - Vacant
524 - Commercial Vehicle Holding Area Building
525 - Triturator
526 - Terminal 5 Pumping Station
527 - Delta Air Freight
560 - Alamo/National Car Rental Maintenance
561 - Post #11 Guardhouse
562 - Hertz Car Rental Check-in & Administration
563 - Remote Parking ATS Station
564 - Avis Car Rental Check-in
565 - Traction Power Substation C / Facility Power Substation 5
566 - Hertz Gas Island
567 - Rent-A-Car ATC / UPS Building
568 - Avis Gas Island
569 - Dollar Rent-A-Car
570 - National Car Rental Administration
571 - Facility Power Substation 6
572 - Hertz Car Rental Maintenance
573 - Hertz North Customer Service Building
574 - Avis Car Rental Administration & Maintenance
580 - Budget Rent-A-Car Administration
581 - O'Hare Metra Transfer Station
582 - Post #3 Guardhouse (Centerpoint)
583 - AMC Airline Employee Lot Guardhouse

South Cargo Area (600)

600 - U.S. Postal Service Air Mail Facility (AMF)
601 - Post #5 Guardhouse
602 - A.R.F.F. Station #1
603 - Air Cargo Simulation Facility
604 - South Airfield Lighting Vault
605 - Post #5A Guardhouse
606 - Fueling Station
608 - Electrical Utilities
609 - American Airlines Cargo Building
610 - United Airlines Cargo Building
611 - Federal Express Metroplex Building
612 - Federal Express Freight Building
613 - Northwest Cargo Building
614 - United Parcel Service
616 - Lufthansa Cargo Building
617 - Air France Cargo Building
618 - KLM Royal Dutch Cargo Building
619 - Federal Express Guardhouse
620 - Federal Express Fueling System
621 - Federal Express Maintenance Building
660 - U.S. Postal Service Processing and Distribution Center (PDC)
663 - Nippon Cargo Airlines

Maintenance Hangar Area (700)

700 - Post #1 Guardhouse
701 - DOA Communications Service Center
702 - A.R.F.F. Station #2
703 - A.R.F.F. Training Pump House
704 - A.R.F.F. Training Control Center
705 - Post #2 Guardhouse
706 - Explosive Chamber
707 - A.R.F.F. Propane Tanks
708 - Commonwealth Edison Substation
709 - North Airfield Stormwater Pump Station (Winter Basin Pump Station)
710 - United Airlines Service Center
711 - A.R.F.F. Training Simulator
712 - United Airlines Boiler & Pumphouse
721 - North Airfield Lighting Vault
722 - AAL Fire Pump House
723 - AAL Ground Equipment Maintenance (GEM) Building
724 - AAL Fire Pump House
725 - AAL Maintenance Hangar #2
726 - AAL Triturator
727 - AAL Maintenance Hangar #1
728 - Sanitary Lift Station
729 - UAL Ground Equipment Maintenance (GEM) Building
732 - AAL Fire Pump House
741 - Gate Gourmet Flight Kitchen (#1)
742 - Gate Gourmet Flight Kitchen (#2)
746 - UAL Office and Medical Personnel Building
750 - UAL Hangar 5/5A (Maintenance Facility)
751 - Delta Maintenance Hangar
753 - Pump House
755 - Northwest Maintenance
757 - UAL Maintenance
760 - Northwest-American Maintenance Facility
761 - Ground Run-up Enclosure
762 - Pump House
770 - UAL Maintenance Facility
780 - Continental Airlines Vehicle Maintenance
790 - AGI Main Building (Lockheed Building)
795 - Fuel Farm
797 - Fuel Farm Pump House
798 - Airport Repair and Construction (ARC) Complex

Northeast Development Area (800)

800 - Signature Flight Services Terminal
891 - City (DOA) Warehouse / Skilled Trade Center
893 - Building #3 (Vacant/No Tenant)
899 - Department of Homeland Security

Navaids & Support Area (900)

901 - Meter House
902 - FAA Remote Transmitter/Receiver C
903 - Bessie Coleman Lift Station
904 - FAA Localizer Transmitter (14L)
905 - FAA Localizer Building Site (14L)
907 - FAA Localizer Building Site (9L)
908 - FAA Glide Slope Site (27R)
909 - FAA Glide Slope Site (32R)
910 - FAA Localizer Building Site (4L)
912 - United Airlines Reservation Center
913 - United Airlines Credit Union
915 - FAA Glide Slope Site (22R)
920 - Willow-Higgins Pump Station (ST140)
921 - Power Vault
922 - FAA Vortac Site
923 - FAA Remote Center Air/Ground (RCAG) Facility
925 - FAA Glide Slope Site (14L)
926 - Meter House
927 - ALS Substation (14L) 32R Localizer Building
928 - FAA Middle Marker (14L)
929 - Canine Patrol Service
930 - FAA Glide Slope Site (9L)
931 - Meter House
932 - Monitor Site
933 - FAA Localizer Building Site (32L)
935 - FAA Glide Slope Site (14R)
936 - Radar Building and Tower (ASR-9)
938 - FAA Building
940 - FAA Localizer Building Site (27R)
954 - Middle Marker (9R)
956 - FAA Remote Transmitter / Receiver - ORD
957 - FAA Localizer Building Site (22R)
958 - FAA Glide Slope Site (9R)
959 - North Pump Station
961 - Electrical Vault, Fan Rooms 1 & 2
962 - FAA Glide Slope Site (32L)
963 - Sump Pump Motor Shed
964 - FAA Remote Transmitter / Receiver A
966 - FAA Localizer Building Site (14R)
967 - Substation
968 - FAA Localizer Building Site (22L)
971 - Oil Separator #1
973 - Oil Separator #2
975 - AAL - Ground Service Equipment (GSE) Building
976 - FAA Glide Slope Site (4R)
977 - Lake O'Hare Outfall Station
979 - Aeration System Blower House
980 - Oil Separator #3
981 - Pump House (Inactive)
982 - South Drainage Lift Station
984 - FAA Remote Transmitter / Receiver B
985 - FAA Glide Slope Site (27L)
987 - Lockheed Maintenance Facility
988 - Truck Fuel Stand & Airline Glycol Facility
989 - Super Fuel Satellite
990 - City Warehouse - Berteau Avenue
991 - FAA Glide Slope Site (22L)
992 - FAA Localizer Building Site (9R)
994 - FAA Localizer Building Site (4R)
995 - East Meter House
996 - Southeast Meter House
997 - Daytona Beach Lift Station
998 - Domestic Water Station
999 - LAAS Electronics Shed

Water Tank Area (1700)

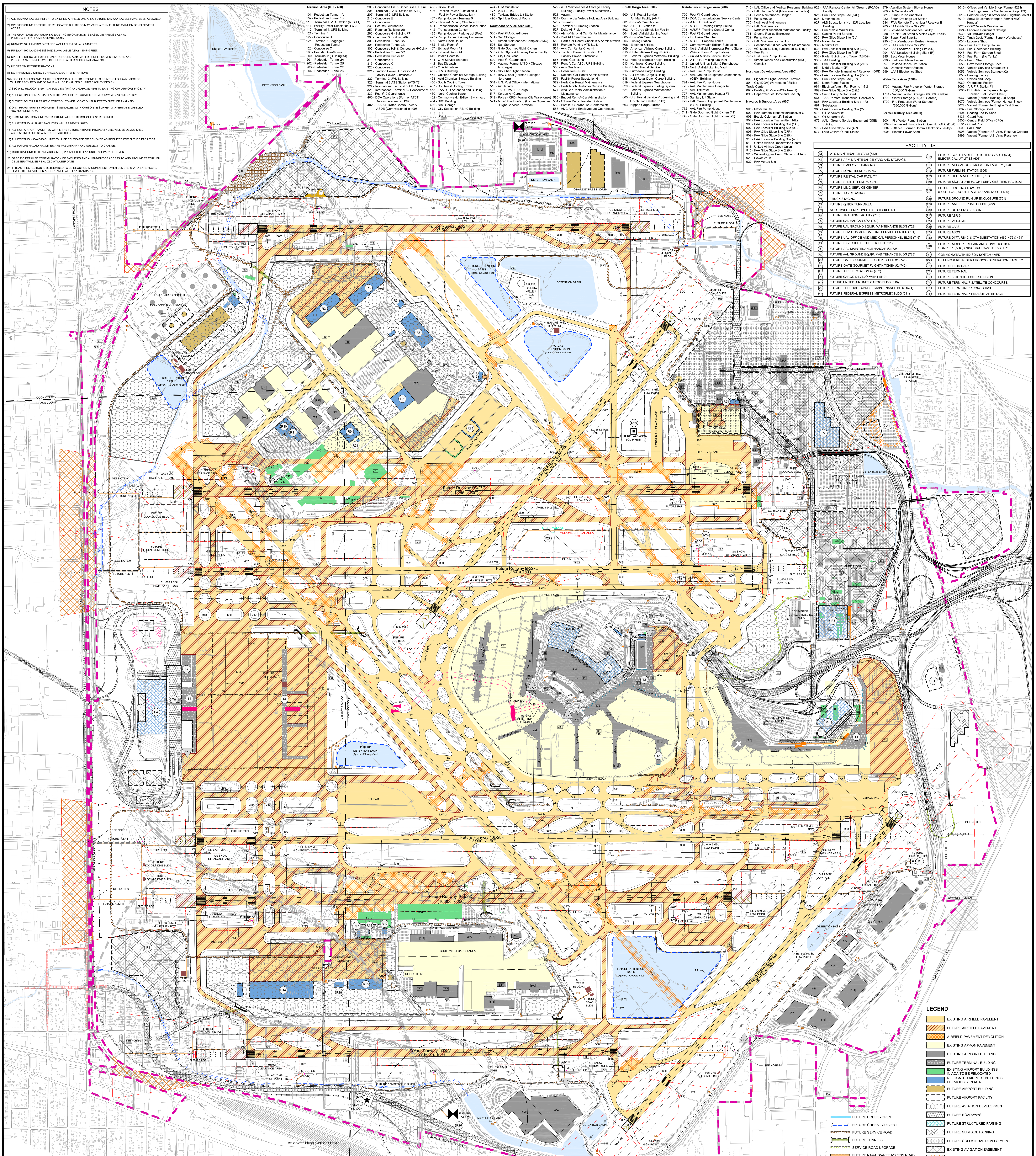
1700 - Vacant (Fire Protection Water Storage - 680,000 Gallons)
1701 - Vacant (Water Storage - 680,000 Gallons)
1702 - Water Storage (730,000 Gallons)
1709 - Fire Protection Water Storage - (680,000 Gallons)

Former Military Area (8000)

8001 - Fire Water Pump Station
8004 - Former Administrative Offices Non-AFC (DLA)
8007 - Offices (Former Comm. Electronics Facility)
8008 - Electric Power Shed
8010 - Offices and Vehicle Shop (Former 928th Civil Engineering / Maintenance Shop / BX)
8018 - Polar Air Cargo (Former ANG Flightline Maint.)
8019 - Snow Equipment Hangar (Former ANG Hangar)
8023 - ODP/Records Warehouse
8024 - Laborers Equipment Storage
8030 - VIP Arrivals Hangar
8032 - Truck Dock (Former Supply Warehouse)
8034 - Laborers Shop
8043 - Fuel Farm Pump House
8044 - Fuel Operations Building
8045 - Fuel Farm Storage Shed
8046 - Fuel Farm (No Tanks)
8048 - Pump Shed
8053 - Hazardous Storage Shed
8055 - Vehicle Services Storage (#1)
8056 - Vehicle Services Storage (#2)
8058 - Heating Facility
8059 - Offices and Shop
8060 - Operations Facility
8063 - A.R.F.F. Station #4
8065 - DHL Airborne Express Hangar (Former Fuel System Maint.)
8067 - Vacant (Former Training Aid Shop)
8070 - Vehicle Services (Former Hangar Shop)
8072 - Vacant (Former Jet Engine Test Stand)
8087 - Fuel Storage Shed
8104 - Heating Facility Shed
8133 - Guard Post
8500 - Central Field Office (CFO)
8501 - Guard Post
8600 - Salt Dome
8998 - Vacant (Former U.S. Army Reserve Garage)
8999 - Vacant (Former U.S. Army Reserve)

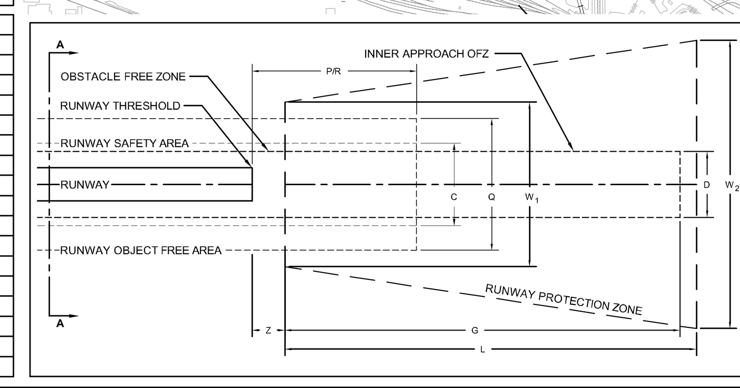
FACILITY LIST

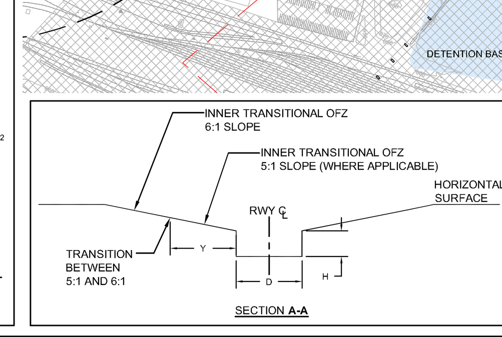
A1	ATS MAINTENANCE YARD (522)	R17	FUTURE SOUTH AIRFIELD LIGHTING VAULT (604) ELECTRICAL UTILITIES (608)
A2	FUTURE APM MAINTENANCE YARD AND STORAGE	R18	FUTURE AIR CARGO SIMULATION FACILITY (603)
P1	FUTURE EMPLOYEE PARKING	R19	FUTURE FUELING STATION (606)
P2	FUTURE LONG TERM PARKING	R20	FUTURE DELTA AIR FREIGHT (527)
P3	FUTURE RENTAL CAR FACILITY	R21	FUTURE SIGNATURE FLIGHT SERVICES TERMINAL (800)
P4	FUTURE SHORT TERM PARKING	R22	FUTURE COOLING TOWERS (SOUTH-456, SOUTHEAST-457 AND NORTH-460)
P6	FUTURE LIMO SERVICE CENTER		
P7	FUTURE TAXI STAGING		
P8	TRUCK STAGING	R23	FUTURE GROUND RUN-UP ENCLOSURE (761)
P9	FUTURE QUICK TURN AREA	R24	FUTURE AAL FIRE PUMP HOUSE (732)
P10	NORTHWEST EMPLOYEE LOT CHECKPOINT	R25	FUTURE ROTATING BEACON
R1	FUTURE TRAINING FACILITY (706)	R26	FUTURE ASR-9
R2	FUTURE UAL HANGAR 5/5A (750)	R27	FUTURE VOR/DME
R3	FUTURE UAL GROUND EQUIP. MAINTENANCE BLDG (729)	R28	FUTURE LAAS
R4	FUTURE DOA COMMUNICATIONS SERVICE CENTER (701)	R29	FUTURE ASOS
R5	FUTURE UAL OFFICE AND MEDICAL PERSONNEL BLDG (746)	R30	FUTURE D177, RB40, & CTA SUBSTATION (462, 472 & 474)
R7	FUTURE SKY CHEF FLIGHT KITCHEN (511)	R31	FUTURE AIRPORT REPAIR AND CONSTRUCTION COMPLEX (ARC) (798) / MULTIWASTE FACILITY
R8	FUTURE AAL MAINTENANCE HANGAR #2 (725)		
R9	FUTURE AAL GROUND EQUIP. MAINTENANCE BLDG (723)	S1	COMMONWEALTH EDISON SWITCH YARD
R10	FUTURE GATE GOURMET FLIGHT KITCHEN #1 (741)	S2	HEATING & REFRIGERATION/CO-GENERATION FACILITY
R11	FUTURE GATE GOURMET FLIGHT KITCHEN #2 (742)	T1	FUTURE TERMINAL 6
R12	FUTURE A.R.F.F. STATION #2 (702)	T2	FUTURE TERMINAL 4
R13	FUTURE CARGO DEVELOPMENT (510)	T3	FUTURE K CONCOURSE EXTENSION
R14	FUTURE UNITED AIRLINES CARGO BLDG (610)	T4	FUTURE TERMINAL 7 SATELLITE CONCOURSE
R15	FUTURE FEDERAL EXPRESS MAINTENANCE BLDG (621)	T5	FUTURE TERMINAL 7 / CONCOURSE
R16	FUTURE FEDERAL EXPRESS METROPLEX BLDG (611)	T6	FUTURE TERMINAL 7 PEDESTRIAN BRIDGE



RUNWAY SURFACES TABLE

RUNWAY	APPROACH VISIBILITY MINIMUMS (RVR)	AIRCRAFT GROUP	END EL. (MSL)	RSA / OFA C	RSA / OFA P/R	RSA / OFA Q	RPZ W_1	RPZ W_2	RPZ L	RPZ Z	OFZ D	OFZ G	OFZ H	OFZ Y
9L	600'	D-V	668.0	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
27R	600'	D-V	663.5	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
9C	600'	D-VI	668.3	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	18'	706'
27C	600'	D-VI	652.4	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	18'	706'
9R	600'	D-V	668.2	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
27L	600'	D-V	650.3	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
10L	600'	D-V	672.1	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
28R	600'	D-V	651.3	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
10C	600'	D-VI	669.3	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	18'	706'
28C	600'	D-VI	650.0	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	18'	706'
10R	600'	D-V	662.7	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
28L	600'	D-V	658.0	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	24'	654'
4L	5000'	D-V	655.7	500'	1,000'	800'	500'	1,010'	1,700'	200'	400'	n/a	n/a	n/a
22R	2400'	D-V	647.7	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	39'	n/a
4R	2400'	D-V	661.2	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	39'	n/a
22L	2400'	D-V	654.2	500'	1,000'	800'	1,000'	1,750'	2,500'	200'	400'	2,400'	39'	n/a





FAA Airspace Review No. : 2003-AGL-0878-NRA

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
- FUTURE COLLATERAL DEVELOPMENT
- EXISTING AVIGATION EASEMENT
- FUTURE AVIGATION EASEMENT
- CURRENTLY PLANNED NON-AIRPORT ROADWAY PROJECT
- FUTURE AIRPORT PROPERTY LINE
- EXISTING AIRPORT PROPERTY LINE
- COUNTY LINE
- MONUMENTS
- WIND CONE
- INNER MARKERS (IM)
- FAR FIELD MONITORS (FFM)
- AIRPORT REFERENCE POINT
- LOW-LEVEL WINDSHEAR ALERT SYSTEM ANTENNA
- EXISTING GUARD POSTS
- FUTURE GUARD POSTS
- FUTURE CREEK - OPEN
- FUTURE CREEK - CULVERT
- 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
- EXISTING AIRPORT TRANSIT SYSTEM
- FUTURE AIRPORT TRANSIT SYSTEM
- AUTOMATED PEOPLE MOVER SYSTEM (UNDERGROUND)
- RELOCATED RAILROAD
- TOPOGRAPHICAL CONTOURS

O'Hare Modernization Program
Rosemarie S. Andolino
Executive Director

CHICAGO AIRPORT SYSTEM
John A. Roberson
Commissioner

FUTURE AIRPORT LAYOUT PLAN

APPROVED BY

City of Chicago - O'Hare Modernization Program Executive Director — Date
City of Chicago - Department of Aviation Commissioner — Date
Federal Aviation Administration Manager, Chicago Airports District Office — Date

No	Revisions	Date

O'Hare International Airport

N — MAGNETIC NORTH DECLINATION = 2.8° W (AUGUST 1, 2005) — TRUE NORTH
0 300 600 1200
GRAPHICAL SCALE IN FEET
ALL DRAWING ELEVATIONS IN FEET

DRAWN BY: EB
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
September 2005
Sheet 3 of 56

Drawing: Z:\Chicago\ORD\OMP\ALP-DrawingSet-FINAL-2005 \ALP Set\03-ORD-Future.dwg_Layout: 03-ALP-Future_Sep 20, 2005, 11:53am