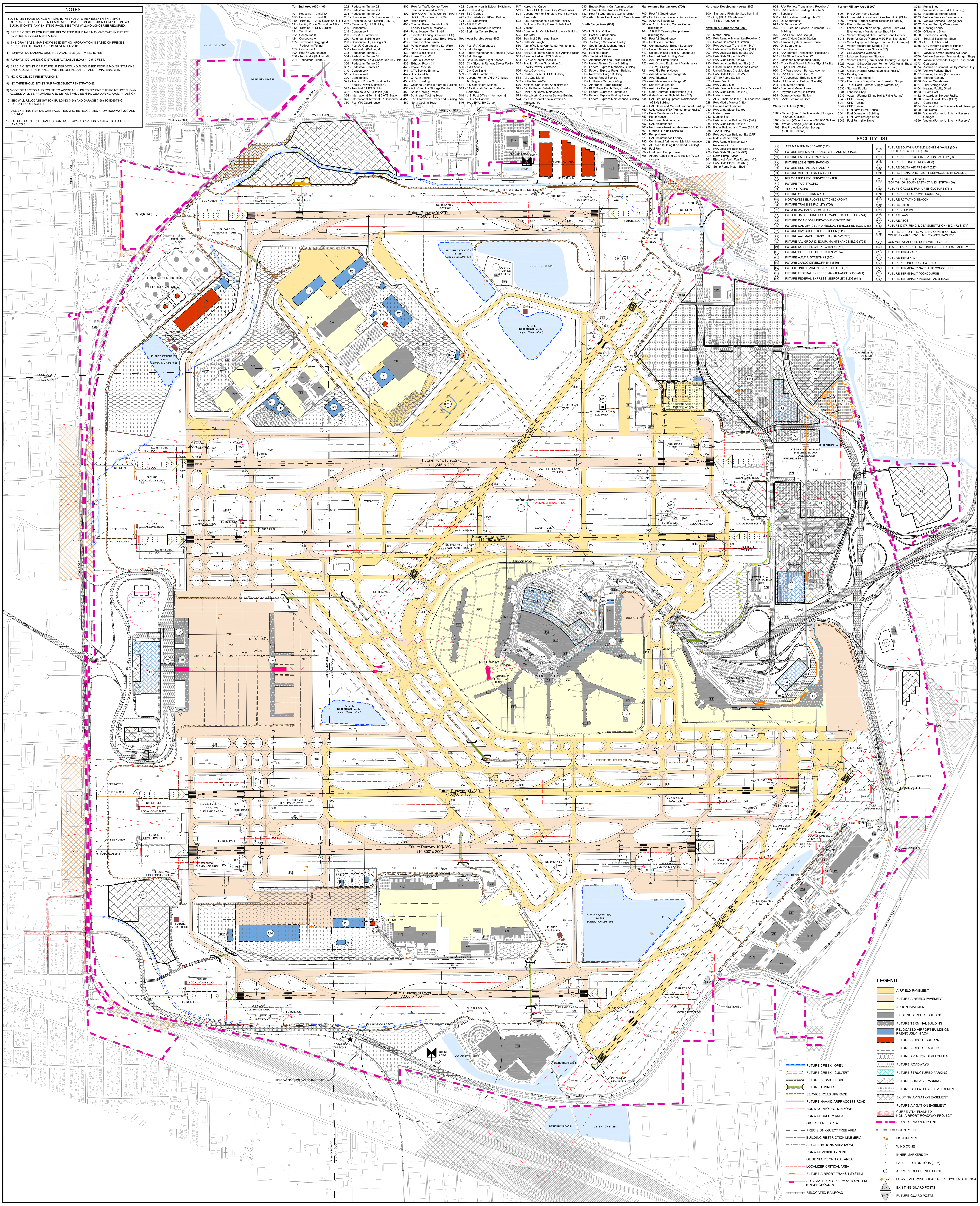

NOTES

1) ULTIMATE PHASE CONCEPT PLAN IS INTENDED TO REPRESENT A SNAPSHOT OF PLANNED FACILITIES IN PLACE AT ULTIMATE CONSTRUCTION COMPLETION. AS SUCH, IT OMITS ANY EXISTING FACILITIES THAT WILL NO LONGER BE REQUIRED.
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.

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
124 - Concourse A
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)
290 - Post #9 Guardhouse
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 - FAA Air Traffic Control Tower (Decommissioned in 1996)
402 - New FAA Air Traffic Control Tower / ASDE (Completed 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 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 - 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
506 - AMC Annex
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 - DHL / Air Canada
516 - JAL / EVA / BA Cargo
517 - Korean Air Cargo
519 - Police - 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 - 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. Post Office
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

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 Control Center (Building #1)
704 - A.R.F.F. Training Pump House (Building #2)
705 - Post #2 Guardhouse
706 - Explosive Chamber
708 - Commonwealth Edison Substation
710 - United Airlines Service Center
711 - Pump House - Service & Pumphouse
712 - 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
732 - AAL Fire Pump House
741 - Gate Gourmet Flight Kitchen (#1)
742 - Gate Gourmet Flight Kitchen (#2)
744 - UAL Ground Equipment Maintenance (GEM) Building
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

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)
906 - FAA Localizer Building Site (9L)
907 - FAA Glide Slope Site (27R)
908 - FAA Glide Slope Site (32R)
909 - FAA Glide Slope Site (4L)
910 - FAA Localizer Building Site (4L)
912 - United Airlines Reservation Center
913 - United Airlines Credit Union
915 - FAA Glide Slope Site (22R)
920 - ST140 Pump Station
921 - Power Vault
922 - FAA Vortac Site
923 - FAA Remote Transmitter / Receiver F
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
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)
8017 - Vacant Storage/Office (Former Band Center)
8018 - Polar Air Cargo (Former ANG Flightline Maint.)
8019 - Snow Equipment Hangar (Former ANG Hangar)
8021 - Vacant Hazardous Storage (#1)
8022 - Vacant Hazardous Storage (#2)
8023 - CSP/Records Warehouse
8024 - Laborers Equipment Storage
8025 - Vacant Offices (Former ANG Security So Ops.)
8026 - Vacant Offices/Garage (Former ANG Maint. Shop)
8027 - Vacant Offices (Former Avionics Shop)
8028 - Offices (Former Crew Readiness Facility)
8029 - Parking Shed
8030 - VIP Arrivals Hangar
8031 - Electricians Shop (Former Corrosion Shop)
8032 - Truck Dock (Former Supply Warehouse)
8033 - Storage Facility
8034 - Laborers Shop
8039 - Vacant (Former Dining Hall & Firing Range)
8040 - CPD Training
8041 - CPD Training
8042 - CPD Training
8043 - Fuel Farm Pump House
8044 - Fuel Operations Building
8045 - Fuel Farm Storage Shed
8046 - Fuel Farm (No Tanks)
8048 - Pump Shed
8051 - Vacant (Former C & E Training)
8053 - Hazardous Storage Shed
8055 - Vehicle Services Storage (#1)
8056 - Vehicle Services Storage (#2)
8057 - Vacant Supply Warehouse
8058 - Heating Facility
8059 - Offices and Shop
8060 - Operations Facility
8061 - Survival Equipment Shop
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)
8073 - Guardpost
8074 - Asphalt Equipment Facility (Winter Only)
8075 - Vehicle Parking Shed
8077 - Heating Facility (Incinerator)
8080 - Storage Canopy
8086 - Vacant Warehouse
8087 - Fuel Storage Shed
8104 - Heating Facility Shed
8133 - Guard Post
8412 - Hazardous Storage Facility
8500 - Central Field Office (CFO)
8501 - Guard Post
8504 - Vacant (Former Reserve Med. Training)
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	RELOCATED LIMO SERVICE CENTER	R23	FUTURE GROUND RUN-UP ENCLOSURE (761)
P7	FUTURE TAXI STAGING	R24	FUTURE AAL FIRE PUMP HOUSE (732)
P8	TRUCK STAGING	R25	FUTURE ROTATING BEACON
P9	FUTURE QUICK TURN AREA	R26	FUTURE ASR-9
P10	NORTHWEST EMPLOYEE LOT CHECKPOINT	R27	FUTURE VOR/DME
R1	FUTURE TRAINING FACILITY (706)	R28	FUTURE LAAS
R2	FUTURE UAL HANGAR 5/5A (750)	R29	FUTURE ASOS
R3	FUTURE UAL GROUND EQUIP. MAINTENANCE BLDG (744)	R30	FUTURE D177, RB40, & CTA SUBSTATION (462, 472 & 474)
R4	FUTURE DOA COMMUNICATIONS CENTER (701)	R31	FUTURE AIRPORT REPAIR AND CONSTRUCTION COMPLEX (ARC) (798) / MULTIWASTE FACILITY
R5	FUTURE UAL OFFICE AND MEDICAL PERSONNEL BLDG (746)	S1	COMMONWEALTH EDISON SWITCH YARD
R7	FUTURE SKY CHEF FLIGHT KITCHEN (511)	S2	HEATING & REFRIGERATION/CO-GENERATION FACILITY
R8	FUTURE AAL MAINTENANCE HANGAR #2 (725)	T1	FUTURE TERMINAL 6
R9	FUTURE AAL GROUND EQUIP. MAINTENANCE BLDG (723)	T2	FUTURE TERMINAL 4
R10	FUTURE DOBBS FLIGHT KITCHEN #1 (741)	T3	FUTURE K CONCOURSE EXTENSION
R11	FUTURE DOBBS FLIGHT KITCHEN #2 (742)	T4	FUTURE TERMINAL 7 SATELLITE CONCOURSE
R12	FUTURE A.R.F.F. STATION #2 (702)	T5	FUTURE TERMINAL 7 / CONCOURSE
R13	FUTURE CARGO DEVELOPMENT (510)	T6	FUTURE TERMINAL 7 PEDESTRIAN BRIDGE
R14	FUTURE UNITED AIRLINES CARGO BLDG (610)		
R15	FUTURE FEDERAL EXPRESS MAINTENANCE BLDG (621)		
R16	FUTURE FEDERAL EXPRESS METROPLEX BLDG (611)		

LEGEND

AIRFIELD PAVEMENT
FUTURE AIRFIELD PAVEMENT
APRON PAVEMENT
EXISTING AIRPORT BUILDING
FUTURE TERMINAL BUILDING
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
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
FUTURE AIRPORT TRANSIT SYSTEM
AUTOMATED PEOPLE MOVER SYSTEM (UNDERGROUND)
RELOCATED RAILROAD

MAGNETIC NORTH DECLINATION = 2.8° W (SEPTEMBER 23, 2003)
TRUE NORTH
GRAPHICAL SCALE IN FEET: 0 300 600 1200
ALL DRAWING ELEVATIONS IN FEET

O'Hare Modernization Program

CHICAGO Airport System — O'HARE · MIDWAY — RICHARD M. DALEY, MAYOR

ULTIMATE PHASE CONCEPT PLAN

No	Revisions	Date

O'Hare International Airport

DRAWN BY: TRS
CHECKED BY: FG
PREPARED BY: Ricondo & Associates, Inc.
October 2003
Sheet 12 of 50

Drawing: Z:\Chicago\ORD\OMP\ALP-DrawingSet-FINAL\12-Ultimate-Concept Plan.dwg_Layout: ALP-Future_Oct 07, 2003, 6:43pm