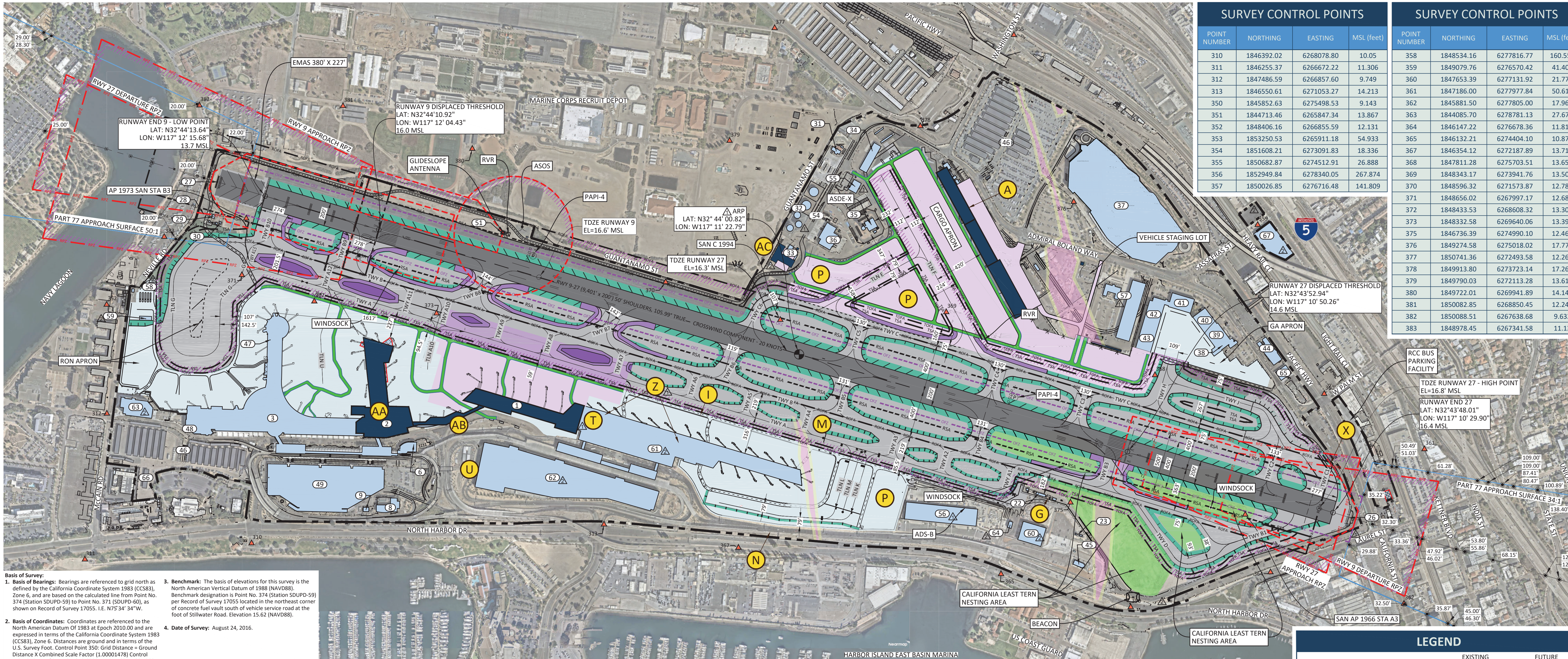


Basis of Survey:

1. **Basis of Bearings:** Bearings are referenced to grid north as defined by the California Coordinate System 1983 (CCS83), Zone 6, and are based on the calculated line from Point No. 374 (Station SDUPD-59) to Point No. 371 (SDUPD-60), as shown on Record of Survey 17055. I.E. N75°34' 34"W.
2. **Basis of Coordinates:** Coordinates are referenced to the North American Datum Of 1983 at Epoch 2010.00 and are expressed in terms of the California Coordinate System 1983 (CCS83), Zone 6. Distances are ground and in terms of the U.S. Survey Foot. Control Point 350: Grid Distance = Ground Distance X Combined Scale Factor (1.00001478) Control Point 350: Northing: 1845852.6289 Easting: 6275498.5303.
3. **Benchmark:** The basis of elevations for this survey is the North American Vertical Datum of 1988 (NAVD88). Benchmark designation is Point No. 374 (Station SDUPD-59) per Record of Survey 17055 located in the northeast corner of concrete fuel vault south of vehicle service road at the foot of Stillwater Road. Elevation 15.62 (NAVD88).
4. **Date of Survey:** August 24, 2016.

SURVEY CONTROL POINTS

POINT NUMBER	NORTHING	EASTING	MSL (feet)
310	1846392.02	6268078.80	10.05
311	1846255.37	6266672.22	11.306
312	1847486.59	6266857.60	9.749
313	1846550.61	6271053.27	14.213
350	1845852.63	6275498.53	9.143
351	1844713.46	6265847.34	13.867
352	1848406.16	6266855.59	12.131
353	1853250.53	6265911.18	54.933
354	1851608.21	6273091.83	18.336
355	1850682.87	6274512.91	26.888
356	1852949.84	6278340.05	267.874
357	1850026.85	6276716.48	141.809

SURVEY CONTROL POINTS

POINT NUMBER	NORTHING	EASTING	MSL (feet)
358	1848534.16	6277816.77	160.555
359	1849079.76	6276570.42	41.408
360	1847653.39	6277131.92	21.776
361	1847186.00	6277977.84	50.612
362	1845881.50	6277805.00	17.967
363	1844085.70	6278781.13	27.675
364	1846147.22	6276678.36	11.816
365	1846132.21	6274404.10	10.873
367	1846354.12	6272187.89	13.717
368	1847811.28	6275703.51	13.654
369	1848343.17	6273941.76	13.503
370	1848596.32	6271573.87	12.788
371	1848656.02	6267997.17	12.689
372	1848433.53	6268608.32	13.309
373	1848332.58	6269640.06	13.399
375	1846736.39	6274990.10	12.466
376	1849274.58	6275018.02	17.773
377	1850741.36	6272493.58	12.269
378	1849913.80	6273723.14	17.267
379	1849790.03	6272113.28	13.619
380	1849722.01	6269941.89	14.149
381	1850082.85	6268850.45	12.242
382	1850088.51	6267638.68	9.632
383	1848978.45	6267341.58	11.13

EXISTING BUILDING AND FACILITIES TABLE

ID	TOP ELEV MSL	DESCRIPTION
1	48'	TERMINAL ONE (T1)
2	55'	TERMINAL TWO (T2) EAST
3	90'	T2 WEST
6	47'	USO AND PARKING OPERATIONS BUILDING
8	44'	HVAC PLANT
9	32'	SWITCHGEAR BUILDING
22	N/A	AIRFIELD LIGHTING VAULT/FACILITIES
23	N/A	RUNWAY STATUS LIGHTS (RWSL) SHELTER & MALS PAD
26	34'	RUNWAY 9 LOCALIZER SHELTER, LOCALIZER ANTENNA, & DME ANTENNA
27	19'	RUNWAY 27 LOCALIZER ANTENNA
28	N/A	ELECTRICAL UTILITY AREA
29	22'	RUNWAY 27 LOCALIZER TRANSMITTER BUILDING (INSIDE ROFA)
30	20'	RUNWAY 27 DME AND LOCALIZER ANTENNAS (INSIDE ROFA)
31	14'	FUEL DISPENSING FACILITY ADMINISTRATION BUILDING
32	46'	FUEL STORAGE TANKS
33	35'	ARFF STATION
34	48'	FEDEX SORT FACILITY
35	152'	AIRPORT TRAFFIC CONTROL TOWER
36	44'	CENTRAL RECEIVING AND DISTRIBUTION CENTER
37	92'	RENTAL CAR FACILITY
38	55'	SIGNATURE FLIGHT SUPPORT TERMINAL
39	55'	SIGNATURE FLIGHT SUPPORT HANGAR 1
40	61'	SIGNATURE FLIGHT SUPPORT HANGAR 2
41	55'	SIGNATURE FLIGHT SUPPORT HANGAR 3
42	55'	SIGNATURE FLIGHT SUPPORT HANGAR 4
43	55'	SIGNATURE FLIGHT SUPPORT HANGAR 5
44	TBD	SAN DIEGO WIND TUNNEL
45	25'	RCC BUS / TAXI HOLD LOT BUILDING
46	TBD	VEHICLE PARKING LOT WITH SOLAR CANOPY
47	TBD	RAMP CONTROL TOWER

EXISTING BUILDING AND FACILITIES TABLE

ID	TOP ELEV MSL	DESCRIPTION
48	TBD	T2 WEST FIS
49	TBD	T2 PARKING PLAZA
51	TBD	GLIDESLOPE EQUIPMENT SHELTER
54	TBD	ENVIRONMENTAL HAZMAT STORAGE TRAILER
55	TBD	AIRCRAFT FUEL STORAGE OPERATIONS FACILITY △1
56	TBD	AIRLINE SUPPORT BUILDING △1
57	TBD	FACILITIES MANAGEMENT DEPARTMENT CAMPUS △1
58	TBD	WEST FUEL RACK △2
59	TBD	WEST SOLID WASTE FACILITY △2
60	TBD	EAST SOLID WASTE FACILITY △2
61	TBD	T1 REPLACEMENT TERMINAL - 22 GATES △2
62	TBD	T1 PARKING PLAZA △2
63	TBD	AIRPORT ADMINISTRATION BUILDING △2
64	TBD	TRITURATOR/WASH BAY △2
65	TBD	HISTORIC UNITED AIRLINES HANGAR & TERMINAL △2
66	TBD	CELL PHONE LOT △2
67	77'	VECHICLE PARKING GARAGE △2

FUTURE FEATURES

FEATURE ID	DESCRIPTION
	AIRPORT SUPPORT FACILITIES
A	AIR CARGO DEVELOPMENT
G	RUNWAY VISUAL RANGE (RVR)
H	RUNWAY STATUS LIGHTS (RWSL) SHELTER & MALS PAD
I	VEHICLE SERVICE ROAD (VSR)
	PHASE 1A
M	TAXIWAY B RELOCATION & TAXIWAY A CONSTRUCTION
N	ON-AIRPORT ACCESS ROADS
P	RON APRON
	PHASE 1B
T	T1 REPLACEMENT TERMINAL - ADDITIONAL 8 GATES
U	RESERVED FOR FUTURE TRANSIT USE
	OTHER PROJECTS
X	BLAST FENCE
Z	SOLAR PANELS ON ROOF OF T1 REPLACEMENT △1
AA	T2 EAST IMPROVEMENTS
AB	T1 AND T2E CONNECTOR
AC	ARFF STATION REPLACEMENT △2

FUTURE TAXIWAY/TAXILANE DATA TABLE

NAME	DIMENSIONS: TWY WIDTH ACTUAL-STANDARD	SHOULDER WIDTH ACTUAL-STANDARD	TWY SAFETY AREA	OBJECT FREE AREA	TWY EDGE SAFETY MARGIN	TWY DESIGN GROUP	SEPARATION FROM TWY CL TO FIXED/MOVABLE OBJECT	LIGHTING
A	50'-50'	20'-20'	118'	186'	10'	4	93'	MITL
A7	124'-50'	20'-20'	118'	186'	10'	4	93'	MITL
A8	160'-75'	20'-20'	214'	320'	15'	6	160'	MITL
A9	182'-75'	20'-20'	214'	320'	15'	6	160'	MITL
A10	182'-75'	20'-20'	214'	320'	15'	6	160'	MITL
A11	136'-75'	20'-20'	214'	320'	15'	6	160'	MITL
A12	136'-75'	20'-20'	214'	320'	15'	6	160'	MITL
A13	136'-75'	20'-20'	214'	320'	15'	6	160'	MITL
B2	75'-75'	20'-20'	214'	320'	15'	6	160'	MITL
B3	94'-75'	20'-20'	214'	320'	15'	6	160'	MITL
A3 (TLN)	306'-320'	0'-0'	214'	320'	15'	6	160'	MITL
A10 (TLN)	50'-50'	0'-0'	118'	186'	10'	4	93'	MITL
E (TLN)	50'-50'	0'-0'	118'	162'	10'	3	81'	MITL
G (TLN)	276'-75'	0'-0'	214'	276'	15'	5	160'	MITL

PACS/SACS LOCATIONS

DESIGNATION	TYPE	LATITUDE	LONGITUDE	ELEVATION
AP 1973SAN STA B3	PACS	32°-44'-11.75616" N	117°-12'-17.53779" W	9.5'
SAN C 1994	SACS	32°-44'-03.69278" N	117°-11'-24.68196" W	14.6'
SAN AP 1966 STA A3	SACS	32°-43'-47.77451" N	117°-10'-38.57462" W	11.8'

0' 400' 800'

GRAPHIC SCALE: 1" = 400'

LEGEND

	EXISTING	FUTURE
AIRPORT BOUNDARY		△1
BUILDING RESTRICTION LINE		
NAVAID CRITICAL AREA		
RUNWAY THRESHOLD LIGHTS		
GLIDESLOPE ANTENNA		
RVR		
ROTATING BEACON		
ASOS		
PAPI-4	P	
WINDSOCK		
SURVEY MONUMENT	150	
TRAVERSE WAY POINT WITH ADJUSTED MSL ELEV.		
AIRPORT REFERENCE POINT (ARP)		
RUNWAY SAFETY AREA (RSA)	RSA	
RUNWAY OBJECT FREE AREA (ROFA)	ROFA	
RUNWAY OBSTACLE FREE ZONE (OFZ)	OFZ	
RUNWAY PROTECTION ZONE (RPZ)	RPZ	
TAXIWAY OBJECT FREE AREA (TOFA)		TOFA
TAXIWAY SAFETY AREA (TSA)		TSA
PRECISION OBSTACLE FREE ZONE (POFZ)	P O F Z	
FENCE	X X X	
BLAST FENCE		
ROADWAY		
FUTURE SERVICE ROADWAY		
BUILDING NUMBER	55	
FEATURE NUMBER		G
BUILDINGS TO BE DEMOLISHED		
BUILDING		
OFF AIRPORT BUILDING		
RUNWAY		
TAXIWAY		
SHOULDER		
APRON		
FAULT ZONE		
FAULT ZONE BUFFER (25 FEET EACH SIDE)		
CALIFORNIA LEAST TERN NESTING AREA		

ALP PREPARED BY

JACOBSEN | DANIELS
Planning, Implementation, Operations & Management

Drawn: CLS
Approved: SRG
Date: 06-16-2021
Project No.: 09-071-12-01

No.	Date	Revisions
△1	01/25/2022	C&S Engineers, Inc.: Updated existing/future property line, updated ARP, added future project "Z", added newly constructed buildings.
△2	07/15/2026	C&S Engineers, Inc.: Update future Twy A centerline, revise TSA/TOFA dims to 13B standards, update existing conditions, update Exhibit A.

Notes

1. Survey Control Points 351, 353, 354, 356, 357, 358 and 363 are located beyond the plan view area.
2. Taxiway and taxilane data is provided on Data Sheet 2; not shown on plan for clarity.
3. NAVAID lights located in Navy Lagoon were not identified because they are beyond the extents of the survey boundary.
4. TSS not shown on plan for clarity. Refer to Approach/Departure Plan & Profile drawing.
5. The TERPS Departure Surface is not shown for clarity. Please refer to the Inner Approach Plan & Profile drawings for their location.
6. See Sheet 4 for existing apron dimensions.
7. See Terminal Area Plan for future terminal apron dimensions.
8. Refer to Inner Approach drawing for traverse way locations.
9. Perimeter fence height TBD.

Sources

1. Additional existing airport information obtained from 2016 SAN ALP dated 08-11-16.
2. Survey control points obtained from topo survey drawing produced by Aerotech Mapping, Inc. for Lindbergh Field Drainage project; aerial photogrammetry flown on August 22, 2016.
4. Fault Zone Source: Kleinfelder, May 22, 2017, Fault Hazard Study, CIP 400002B ADP-Programmatic Documents-ADC

MAGNETIC DECLINATION
11.15° E ±0.35°
CHANGING BY 0.0834° W PER YEAR
MAY 26, 2022 △1

SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

SAN

FUTURE AIRPORT LAYOUT PLAN DRAWING

Airport Layout Plan Drawing Set #724

Plotted On: 7/15/2026 4:02 PM File: F:\Project\714 - San Diego\714.017.003 - ALP Update Support\Planning-Study\CADD\Sheet Files\05 FUTURE ALD Layout: SHEET05