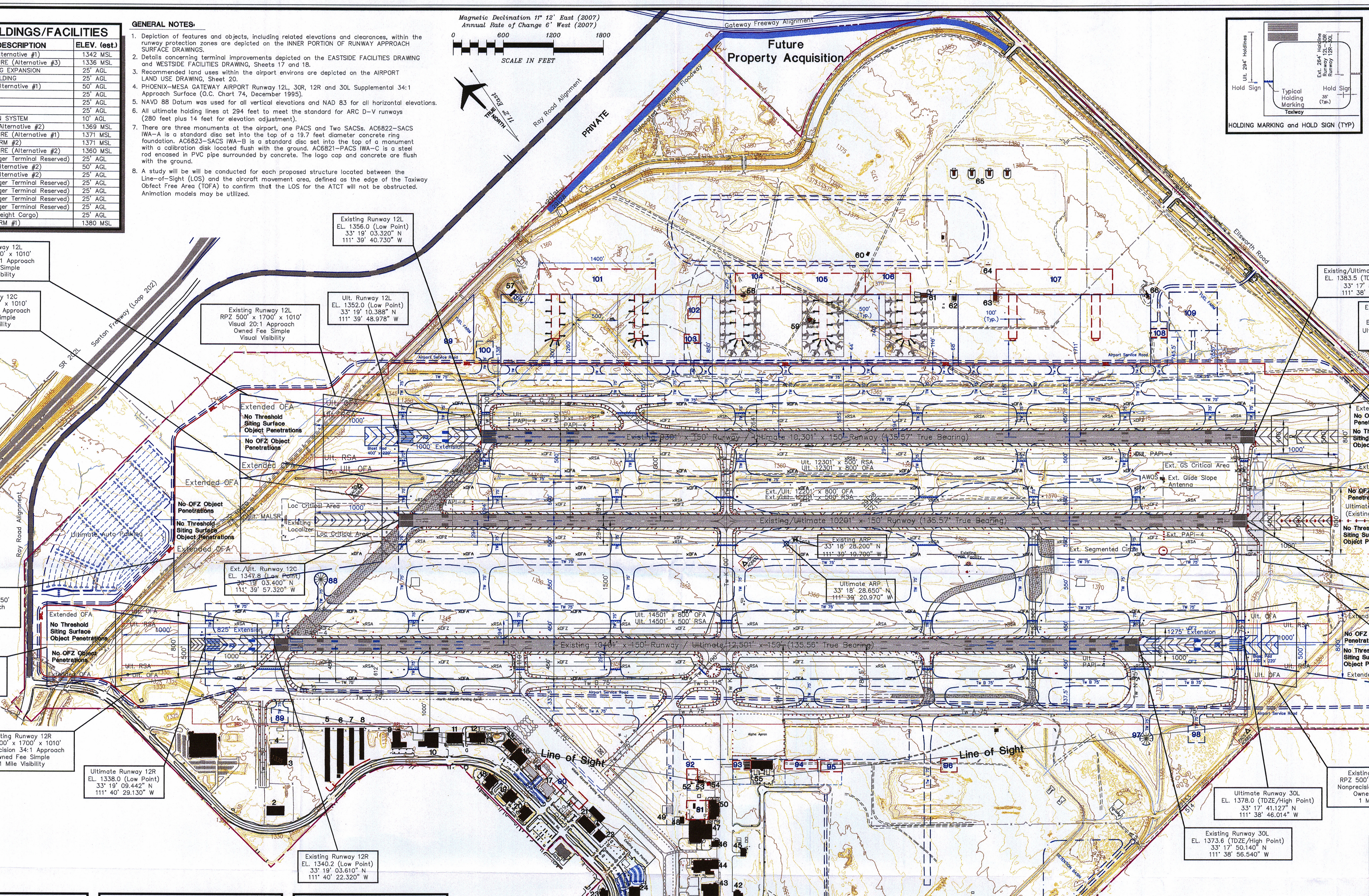
ULTIMATE BUILDINGS/FACILITIES

NO.	DESCRIPTION	ELEV. (est.)
88	COMPASS PAD (Alternative #1)	1342 MSL
89	RUN-UP ENCLOSURE (Alternative #3)	1336 MSL
90	TERMINAL BUILDING EXPANSION	25' AGL
91	MAINTENANCE BUILDING	25' AGL
92	BUILDING (ATCT Alternative #1)	50' AGL
93	BUILDING	25' AGL
94	BUILDING	25' AGL
95	BUILDING (ARFF)	25' AGL
96	FIRE SUPPRESSION SYSTEM	10' AGL
97	COMPASS PAD (Alternative #2)	1369 MSL
98	RUN-UP ENCLOSURE (Alternative #1)	1371 MSL
99	PARCEL (FUEL FARM #2)	1371 MSL
100	RUN-UP ENCLOSURE (Alternative #2)	1360 MSL
101	BUILDING (Passenger Terminal Reserved)	25' AGL
102	BUILDING (ATCT Alternative #2)	50' AGL
103	BUILDING (ARFF Alternative #2)	25' AGL
104	BUILDING (Passenger Terminal Reserved)	25' AGL
105	BUILDING (Passenger Terminal Reserved)	25' AGL
106	BUILDING (Passenger Terminal Reserved)	25' AGL
107	BUILDING (Passenger Terminal Reserved)	25' AGL
108	BUILDING (Belly Freight Cargo)	25' AGL
109	PARCEL (FUEL FARM #1)	1380 MSL

GENERAL NOTES:

1. Depiction of features and objects, including related elevations and clearances, within the runway protection zones are depicted on the INNER PORTION OF RUNWAY APPROACH SURFACE DRAWINGS.
2. Details concerning terminal improvements depicted on the EASTSIDE FACILITIES DRAWING and WESTSIDE FACILITIES DRAWING, Sheets 17 and 18.
3. Recommended land uses within the airport environs are depicted on the AIRPORT LAND USE DRAWING, Sheet 20.
4. PHOENIX-MESA GATEWAY AIRPORT Runway 12L, 30R, 12R and 30L Supplemental 34:1 Approach Surface (O.C. Chart 74, December 1995).
5. NAVD 88 Datum was used for all vertical elevations and NAD 83 for all horizontal elevations.
6. All ultimate holding lines at 294 feet to meet the standard for ARC D-V runways (280 feet plus 14 feet for elevation adjustment).
7. There are three monuments at the airport, one PACS and Two SACSs. AC6822-SACS IWA-A is a standard disc set into the top of a 19.7 feet diameter concrete ring foundation. AC6823-SACS IWA-B is a standard disc set into the top of a monument with a calibration disk located flush with the ground. AC6821-PACS IWA-C is a steel rod encased in PVC pipe surrounded by concrete. The logo cap and concrete are flush with the ground.
8. A study will be will be conducted for each proposed structure located between the Line-of-Sight (LOS) and the aircraft movement area, defined as the edge of the Taxiway Obfect Free Area (TOFA) to confirm that the LOS for the ATCT will not be obstructed. Animation models may be utilized.



LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		AIRPORT PROPERTY LINE
	SAME	ABANDONED PAVEMENT (To Be Removed)
		AIRPORT PROPERTY LINE/FENCE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
	SAME	AVIGATION EASEMENT
	SAME	BUILDING ABANDONMENT (To Be Removed)
		BUILDING CONSTRUCTION (Off / on Airport)
		DRAINAGE
		FACILITY CONSTRUCTION
		FENCING
PAPI-4	PAPI-4	NAVIGATIONAL AID INSTALLATION (GVGI)
		RUNWAY THRESHOLD LIGHTS and REIL
	SAME	SECTION CORNER
		SEGMENTED CIRCLE/WIND INDICATOR
1080	SAME	TOPOGRAPHY (2007)
		WIND INDICATOR (Lighted)
		HOLDING POSITION MARKING
BRL		BUILDING RESTRICTION LINE (BRL)
		DIRT ROAD
		PARCELS
		CRITICAL AREA
OFZ		RUNWAY OBSTACLE FREE ZONE
RSA		RUNWAY SAFETY AREA
OFA		RUNWAY OBJECT FREE AREA
		SURVEY MONUMENT (PACS/SACS)
LOC		LOCALIZER ANTENNA
GS		GLIDE SLOPE ANTENNA
		MALSR APPROACH LIGHT SYSTEM
		RUNWAY PROTECTION ZONE (RPZ)
		RUNWAY SHADE
		AWOS

EXISTING FACILITIES

NO.	DESCRIPTION	
1	Hangar/Office	EL. 1376.0
2	Hangar/Office	EL. 1374.3
3	Hangar/Office	EL. 1373.3
4	Fire Suppression System	EL. 1386.1
5	T-Hangar	EL. 1362.5
6	T-Hangar	EL. 1363.5
7	T-Hangar	EL. 1363.5
8	T-Hangar	EL. 1363.5
9	Hangar/Office	EL. 1377.1
10	Hangar/Office	EL. 1381.8
11	Hangar/Office	EL. 1378.2
12	General Aviation Center (FBO)	EL. 1366.0
13	Gazebo	EL. 1358.4
14	Airport Administration Office Building	EL. 1369.1
15	Hangar/Office	EL. 1377.5
16	Office Building (To Be Removed)	EL. 1368.9
17	ARFF Building (To Be Removed)	EL. 1395.1
18	Office Building	EL. 1379.1
19	Office Building	EL. 1379.6
20	Office Building	EL. 1379.4
21	Terminal Building	EL. 1365.3
22	Hangar	EL. 1385.7
23	Office Building	EL. 1356.9
24	Hangar	EL. 1380.0
25	Line Services Building	EL. 1352.5

EXISTING FACILITIES

NO.	DESCRIPTION	
26	Hangar	EL. 1379.4
27	Hangar Shed	EL. 1387.6
28	Line Services Building	EL. 1351.5
29	Hangar	EL. 1390.7
30	Office Building (To Be Removed)	EL. 1358.4
31	Storage Building (To Be Removed)	EL. 1361.3
32	Hangar	EL. 1379.3
33	Office Building (To Be Removed)	EL. 1373.6
34	Office Building	EL. 1360.1
35	Hangar	EL. 1379.3
36	Fuel Farm	EL. 1360.2
37	Office Building	EL. 1375.3
38	Office Building	EL. 1384.3
39	Engine Test Building	EL. 1365.0
40	Office Building	EL. 1366.0
41	Engine Test Building	EL. 1363.1
42	Hangar	EL. 1380.4
43	Hangar/Office	EL. 1376.2
44	Office Building	EL. 1380.0
45	Hangar	EL. 1377.4
46	Office Building	EL. 1372.6
47	Hangar/Office	EL. 1406.5
48	Shade Hangar	EL. 1367.1
49	Hangar (To Be Removed)	EL. 1381.2
50	Office Building	EL. 1371.7

EXISTING FACILITIES

NO.	DESCRIPTION	
51	Fire Suppression System	EL. 1378.6
52	Communications Vault	EL. 1360.7
53	Office Building	EL. 1368.9
54	ATCT/Airport Beacon	EL. 1474.0
55	Building	EL. 1385.0
56	Fire Suppression System	EL. 1387.0
57	Building (To Be Removed)	EL. 1373.3
58	Building (To Be Removed)	EL. 1383.1
59	ASR-8 (To Be Removed)	EL. 1415.0
60	Building (To Be Removed)	EL. 1382.4
61	Building (To Be Removed)	EL. 1387.0
62	Building (To Be Removed)	EL. 1389.7
63	Building (To Be Removed)	EL. 1394.4
64	Building (To Be Removed)	EL. 1389.5
65	Building (To Be Removed)	EL. 1401.6
66	Building (To Be Removed)	EL. 1392.2
67	AWOS (Estimate Elevation)	EL. 1420.7
68	GLIDE SLOPE	EL. 1423.7

FOR APPROVAL BY:

Lynn F. Kusy, C.M., C.A.E. — DATE: 6.8.10
Executive Director

FAA APPROVAL STAMP

Approved conditionally JUL 27 2010
Subject to comments contained in our letter dated: JUL 27 2010
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By ________
Act. Manager - LAX/ADO

No.	REVISIONS	DATE	BY	APP'D.
4	UPDATE TO 1999 MASTER PLAN (ALP APPROVED 2/2/2005)	2/05	LDJ	JMH
3	UPDATE TO 1999 MASTER PLAN (ALP APPROVED 7/12/2000)	6/00	LDJ	JMH
2	1999 MASTER PLAN (ALP APPROVED 6/23/1998)	5/98	WEH	JMH
1	1993 MASTER PLAN	9/93	BH	JMH

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA OR ADOT AERONAUTICS. ACCEPTANCE OF THIS DOCUMENT BY THE FAA AND ADOT AERONAUTICS DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES OR STATE OF ARIZONA TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED HEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

PHOENIX-MESA GATEWAY AIRPORT

AIRPORT LAYOUT PLAN

Mesa, Arizona

PLANNED BY: Steven G. Benson/Patrick Taylor
DETAILED BY: Larry D. Johnson
APPROVED BY: James M. Harris, P.E.

May 24, 2010 — SHEET 2 OF 28

Coffman Associates
Airport Consultants
www.coffmanassociates.com

Coffman Associates-LDJ IWA_sht2_ald.dwg Monday May 24 2010 8:58am