FACILITIES TABLE

NO.	FACILITY NAME	TOP ELEVATION (MSL)
1	HANGAR	218.0'
2	HANGAR	219.3'
3	HANGAR (TABLE MOUNTAIN AVIATION)	205.9'
4	HANGAR	213.1'
5	TABLE MOUNTAIN AVIATION FBO	215.5'
6	BUTTE COUNTY SHERIFF	204.3'
7	BUTTE COUNTY MOSQUITO ABATEMENT	207.7'
8	TABLE MOUNTAIN GOLF COURSE CLUB HOUSE	196.1'
9	U.S. DEPARTMENT OF AGRICULTURE	212.7'
10	MOSEYS' PRODUCTION MACHINIST	217.6'
11	2015 CHALLENGER AVENUE (VACANT)	220.2'
12	SIERRA PACIFIC PACKAGING INC.	215.6'
13	ADVANCE TECHNOLOGY CENTER	215.2'
14	T-HANGAR	190.0'
15	T-HANGAR A	201.3'
16	HANGAR	195.8'
17	RESERVED (FORMER FIRE STATION SITE)	210.9'
18	HANGAR	195.5'
19	T-HANGAR	189.7'
20	NORTHWEST LINEMAN COLLEGE	219.2'
21	T-HANGAR B	200.3'
22	T-HANGAR C	201.3'
23	AFC FINISHING SYSTEMS	203.3'
24	BEACON UTILITY HOUSE	187.7'
25	TABLE MOUNTAIN GOLF COURSE BUILDING	216.8'
26	TABLE MOUNTAIN GOLF COURSE BUILDING	193.8'
27	EXPERIMENTAL AIRCRAFT ASSOCIATION (EAA) HANGAR	201.2'
28	HANGAR	210.9'
29	AUTOMATED SURFACE OBSERVATION SYSTEM	218.3'
30	EXISTING FUEL FARM	199.0'
31	FUTURE FUEL FARM	N/A
32-42	FUTURE T-HANGARS	N/A

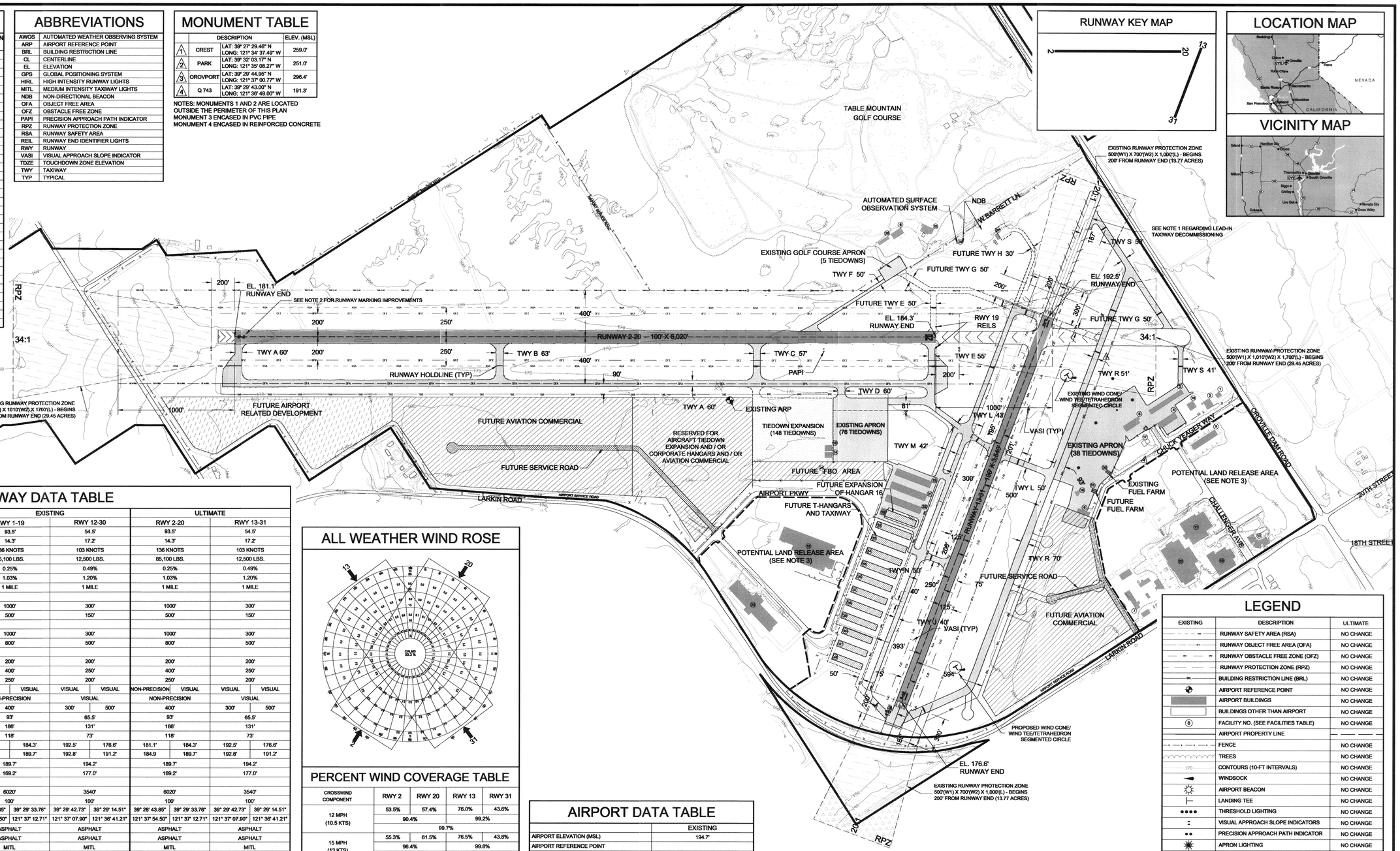
ABBREVIATIONS

AWOS	AUTOMATED WEATHER OBSERVING SYSTEM
ARP	AIRPORT REFERENCE POINT
BRL	BUILDING RESTRICTION LINE
CL	CENTERLINE
EL	ELEVATION
GPS	GLOBAL POSITIONING SYSTEM
HIRL	HIGH INTENSITY RUNWAY LIGHTS
MITL	MEDIUM INTENSITY TAXIWAY LIGHTS
NDB	NON-DIRECTIONAL BEACON
OFA	OBJECT FREE AREA
OFZ	OBSTACLE FREE ZONE
PAPI	PRECISION APPROACH PATH INDICATOR
RPZ	RUNWAY PROTECTION ZONE
RSA	RUNWAY SAFETY AREA
REIL	RUNWAY END IDENTIFIER LIGHTS
RWY	RUNWAY
VASI	VISUAL APPROACH SLOPE INDICATOR
TDZE	TOUCHDOWN ZONE ELEVATION
TWY	TAXIWAY
TYP	TYPICAL

MONUMENT TABLE

	DESCRIPTION		ELEV. (MSL)
1	CREST	LAT: 39° 27' 29.46" N LONG: 121° 34' 37.49" W	259.0'
2	PARK	LAT: 39° 32' 03.17" N LONG: 121° 35' 08.27" W	251.0'
3	OROVPORT	LAT: 39° 29' 44.95" N LONG: 121° 37' 00.77" W	296.4'
4	Q 743	LAT: 39° 29' 43.00" N LONG: 121° 36' 49.00" W	191.3'

NOTES: MONUMENTS 1 AND 2 ARE LOCATED OUTSIDE THE PERIMETER OF THIS PLAN
MONUMENT 3 ENCASED IN PVC PIPE
MONUMENT 4 ENCASED IN REINFORCED CONCRETE



RUNWAY KEY MAP

LOCATION MAP

VICINITY MAP

RUNWAY DATA TABLE

	EXISTING				ULTIMATE			
	RWY 1-19		RWY 12-30		RWY 2-20		RWY 13-31	
WINGSPAN OF CRITICAL AIRCRAFT	93.5'		54.5'		93.5'		54.5'	
UNDERCARRIAGE WIDTH OF CRITICAL AIRCRAFT	14.3'		17.2'		14.3'		17.2'	
APPROACH SPEED OF CRITICAL AIRCRAFT	136 KNOTS		103 KNOTS		136 KNOTS		103 KNOTS	
MAX. CERTIFIED TAKEOFF WEIGHT OF CRITICAL AIRCRAFT	85,100 LBS.		12,500 LBS.		85,100 LBS.		12,500 LBS.	
EFFECTIVE GRADIENT (%)	0.25%		0.49%		0.25%		0.49%	
MAX. GRADIENT (%)	1.03%		1.20%		1.03%		1.20%	
APPROACH VISIBILITY MINIMUMS FOR EACH RUNWAY END	1 MILE		1 MILE		1 MILE		1 MILE	
RUNWAY SAFETY AREA (RSA)								
LENGTH BEYOND STOP END OF RUNWAY	1000'		300'		1000'		300'	
WIDTH	500'		150'		500'		150'	
OBJECT FREE AREA (OFA)								
LENGTH BEYOND STOP END OF RUNWAY	1000'		300'		1000'		300'	
WIDTH	800'		500'		800'		500'	
OBSTACLE FREE ZONE (OFZ)								
LENGTH BEYOND STOP END OF RUNWAY	200'		200'		200'		200'	
WIDTH	400'		250'		400'		250'	
DISTANCE FROM RUNWAY CENTERLINE TO HOLD BARS AND SIGNS	250'		200'		250'		200'	
RUNWAY MARKINGS	VISUAL	VISUAL	VISUAL	VISUAL	NON-PRECISION	VISUAL	VISUAL	VISUAL
FAR PART 77 CATEGORY BY RUNWAY END	NON-PRECISION		VISUAL		NON-PRECISION		VISUAL	
RUNWAY CL TO PARALLEL TAXIWAY CL - SEPARATION	400'		300'	500'	400'		300'	500'
TAXIWAY CL TO FIXED OR MOVABLE OBJECT - SEPARATION	93'		65.5'		93'		65.5'	
TAXIWAY OBJECT FREE AREA WIDTH (TWY OFA)	186'		131'		186'		131'	
TAXIWAY SAFETY AREA WIDTH (TSA)	118'		73'		118'		73'	
ELEVATION OF RUNWAY ENDS (MSL)	181.1'	184.3'	192.5'	176.6'	181.1'	184.3'	192.5'	176.6'
ELEVATION OF RUNWAY TOUCHDOWN ZONE (MSL)	184.9'	189.7'	192.8'	191.2'	184.9	189.7'	192.8'	191.2'
ELEVATION OF RUNWAY HIGHPOINT (MSL)	189.7'		194.2'		189.7'		194.2'	
ELEVATION OF RUNWAY LOWPOINT (MSL)	169.2'		177.0'		169.2'		177.0'	
RUNWAY								
LENGTH	6020'		3540'		6020'		3540'	
WIDTH	100'		100'		100'		100'	
LATITUDE (N)	39° 28' 43.85"	39° 29' 33.76"	39° 29' 42.73"	39° 29' 14.51"	39° 28' 43.85"	39° 29' 33.76"	39° 29' 42.73"	39° 29' 14.51"
LONGITUDE (W)	121° 37' 54.50"	121° 37' 12.71"	121° 37' 07.90"	121° 36' 41.21"	121° 37' 54.50"	121° 37' 12.71"	121° 37' 07.90"	121° 36' 41.21"
RUNWAY SURFACE TYPE	ASPHALT		ASPHALT		ASPHALT		ASPHALT	
TAXIWAY SURFACE TYPE	ASPHALT		ASPHALT		ASPHALT		ASPHALT	
TAXIWAY LIGHTING	MITL		MITL		MITL		MITL	
APPROACH SLOPE	34:1		20:1		34:1		20:1	
TRUE BEARING	32.74	212.74	143.52	323.52	32.74	212.74	143.52	323.52
MAGNETIC BEARING	18.04	197.97	128.75	308.75	18.04	197.97	128.75	308.75
PAVEMENT TYPE AND STRENGTH IN LB. (x1000)	SINGLE-60 DUAL-80		SINGLE-25		SINGLE-60 DUAL-80		SINGLE-25	
RUNWAY LIGHTING	HIRL		HIRL		HIRL		HIRL	
INSTRUMENT APPROACH AIDS	GPS / NDB	NONE	NONE	NONE	TBD	NONE	NONE	NONE
VISUAL AIDS	NONE	PAPI	VASI	VASI	NONE	PAPI	VASI	VASI

NOTES: RUNWAY END COORDINATES AND ELEVATIONS PER NGS NAD83/NAVD88 SURVEY DATED JULY 26, 2008. OTHER ELEVATIONS OBTAINED FROM NAD83/NAVD88 AERIAL SURVEY CONDUCTED IN SEPTEMBER 2007. ALL ELEVATIONS ARE LISTED IN US SURVEY FEET ABOVE MEAN SEA LEVEL.
CHANGES IN MAGNETIC DECLINATION REQUIRE RENUMBERING OF RUNWAY DESIGNATORS FROM 1-19 TO 2-20, AND 12-30 TO 13-31.

ALL WEATHER WIND ROSE

PERCENT WIND COVERAGE TABLE

CROSSWIND COMPONENT	RWY 2	RWY 20	RWY 13	RWY 31
12 MPH (10.5 KTS)	53.5%	57.4%	76.0%	43.6%
	90.4%		99.2%	
	99.7%			
15 MPH (13 KTS)	55.3%	61.5%	76.5%	43.8%
	96.4%		99.8%	
	100.0%			
18 MPH (16 KTS)	55.9%	63.5%	76.6%	43.8%
	98.9%		100.0%	
	100.0%			
23 MPH (20 KTS)	56.1%	64.2%	76.6%	43.9%
	99.8%		100.0%	
	100.0%			

WIND DATA SOURCE: NATIONAL CLIMATIC DATA CENTER, ID#00074504.
DIGITAL DATA FOR OROVILLE MUNICIPAL AIRPORT, JANUARY 14, 1999-SEPTEMBER 25, 2007 (64,472 OBSERVATIONS).

AIRPORT DATA TABLE

	EXISTING
AIRPORT ELEVATION (MSL)	194.7'
AIRPORT REFERENCE POINT	
LATITUDE	39° 29' 16.20" N
LONGITUDE	121° 37' 19.20" W
NAVAIDS	NON-DIRECTIONAL BEACON
HOTTEST MONTH	JULY
MEAN MAX. TEMP	94°F
AIRPORT REFERENCE CODE	C-III
GPS APPROACH	RUNWAY 2

NOTES: THERE ARE NO THRESHOLD SITING SURFACE OBJECT PENETRATIONS.
THERE ARE NO OBSTACLE FREE ZONE (OFZ) PENETRATIONS.

NOTES:
1) THE LEAD-IN TAXIWAY CONNECTING TAXIWAY S AND THE RUNWAY 13 THRESHOLD WILL BE DECOMMISSIONED AND RE-STRIPED PER FAA AC 150/5340-1J, STANDARDS FOR AIRPORT MARKINGS, UPON CONSTRUCTION AND COMMISSIONING OF THE PROPOSED TAXIWAY CONNECTING TAXIWAY R AND RUNWAY 13, ADJACENT TO THE RUNWAY 13 THRESHOLD.
2) RUNWAY 2 MARKINGS WILL BE CHANGED TO NON-PRECISION MARKING PER FAA AC 150/5340-1J, STANDARDS FOR AIRPORT MARKINGS.
3) A REQUEST FOR THE RELEASE OF DEDICATED AIRPORT PROPERTY WILL BE SUBMITTED TO FAA FOR REVIEW AND DETERMINATION.

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY SAFETY AREA (RSA)	NO CHANGE
	RUNWAY OBJECT FREE AREA (OFA)	NO CHANGE
	RUNWAY OBSTACLE FREE ZONE (OFZ)	NO CHANGE
	RUNWAY PROTECTION ZONE (RPZ)	NO CHANGE
	BUILDING RESTRICTION LINE (BRL)	NO CHANGE
	AIRPORT REFERENCE POINT	NO CHANGE
	AIRPORT BUILDINGS	NO CHANGE
	BUILDINGS OTHER THAN AIRPORT	NO CHANGE
6	FACILITY NO. (SEE FACILITIES TABLE)	NO CHANGE
	AIRPORT PROPERTY LINE	
	FENCE	NO CHANGE
	TREES	NO CHANGE
170	CONTOURS (10-FT INTERVALS)	NO CHANGE
	WINDSOCK	NO CHANGE
	AIRPORT BEACON	NO CHANGE
	LANDING TEE	NO CHANGE
	THRESHOLD LIGHTING	NO CHANGE
	VISUAL APPROACH SLOPE INDICATORS	NO CHANGE
	PRECISION APPROACH PATH INDICATOR	NO CHANGE
	APRON LIGHTING	NO CHANGE
	SECTION CORNERS	NO CHANGE
N/A	FUTURE AIRPORT RELATED DEVELOPMENT	
N/A	FUTURE SERVICE ROADS/PARKING	
N/A	FUTURE AIRPORT USES	
N/A	FUTURE TAXIWAY/APRON PAVEMENT	
	RPZ PROPERTY TYPE - FEE	NO CHANGE
	RPZ PROPERTY TYPE - UNREGULATED	NO CHANGE

RICONDO & ASSOCIATES

APPROVED CONDITIONALLY
FEDERAL AVIATION ADMINISTRATION
AIRPORTS DISTRICT OFFICE
SAN FRANCISCO, CALIFORNIA
By Robert Hunt Manager Date 5/5/09
Subject to Letter dated 5/5/2009
Federal Aviation Administration Date

The contents of this plan do not necessarily reflect the official views or policy of the FAA. Acceptance of this plan by the FAA does not in any way constitute a commitment on the part of the United States to participate in any development depicted herein, nor does it indicate that the proposed development is environmentally acceptable in accordance with appropriate public laws.

APPROVED BY:
Airport Manager 3/13/09 Date

AIRPORT LAYOUT PLAN

CITY OF OROVILLE, CALIFORNIA

OROVILLE MUNICIPAL AIRPORT

OROVILLE, CALIFORNIA

NO.	DATE	BY	DESCRIPTION	APPD

TRUE NORTH N
MAGNETIC NORTH DECLINATION = 14°48' E (Dec. 15, 2009)
0 200 400 800
GRAPHICAL SCALE IN FEET

DRAWN BY: DGR
CHECKED BY: PDH
PREPARED BY: Ricondo & Associates, Inc.
DATE: February 17, 2009
Sheet 1 of 1