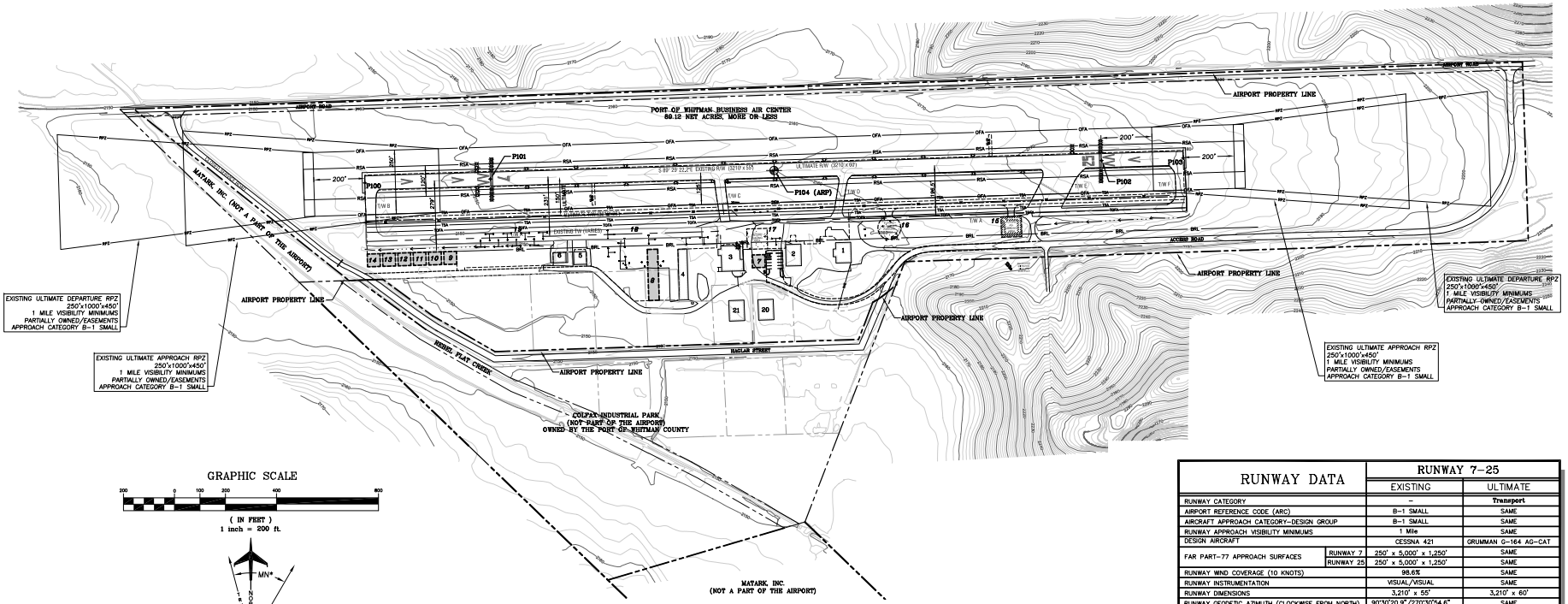

FAA APPROVAL STAMP

Port of Whitman County Approval

APPROVED BY: DATE

LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		PROPOSED PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		AVIGATION EASEMENT (IF APPLICABLE)
		BUILDING CONSTRUCTION
		DRAINAGE
		FACILITY CONSTRUCTION
		FENCING
		RUNWAY THRESHOLD LIGHTS and REIL
		AIRCRAFT TIE DOWNS
		SEGMENTED CIRCLE/WIND INDICATOR
		CONTOURS
		WIND SOCK (LIGHTED)
		RUNWAY LIGHTS
1	f	BUILDING NUMBERS
	P100	SURVEY MONUMENTS
		NAVAID (PAPI)
	BRL	BUILDING RESTRICTION LINE
RPZ	RPZ	RUNWAY PROTECTION ZONE
RSA	RSA	RUNWAY SAFETY AREA
OFA	OFA	RUNWAY OBSTACLE FREE AREA
	TOFA	TAXIWAY OBSTACLE FREE AREA
	TSA	TAXIWAY OBSTACLE FREE AREA

EXISTING BUILDINGS/FACILITIES

NO.	DESCRIPTION	FF ELEV.	TOP ELEV.
1	WINDSOR AG OPERATOR HANGAR (PRIVATE)	2158.84	2182.84
2	MEYERS HANGAR (PRIVATE)	2158.66	2182.66
3	POWBAC OWNED HANGAR/OFFICE	2155.50	2179.50
4	POWBAC OWNED T-HANGARS	2153.83	2169.83
5	BUCKLEY HANGAR (PRIVATE)	2152.87	2174.87
6	REA HANGAR (PRIVATE)	2152.64	2174.64
20	MEYERS BUILDING (PRIVATE)	2156.47	2182.47
21	MEYERS BUILDING (PRIVATE)	2154.92	2180.92

ULT. BUILDINGS/FACILITIES

NO.	DESCRIPTION
7	VISITOR CENTER
8	T-HANGAR
9	HANGARS
10	HANGARS
11	HANGARS
12	HANGARS
13	HANGARS
14	HANGARS
15	AG. LOADING
16	HELICOPTER PARKING AREA
17	FUELING
18	TIE DOWN PARKING (ITINERANT)
19	TIE DOWN PARKING (BASED)

WHITMAN COUNTY MEMORIAL AIRPORT DATA

OWNER: Port of Whitman County	AIRPORT ID: S94	
CITY: Colfax, Washington	COUNTY: Whitman County, Washington	
RANGE: 43 E. TOWNSHIP: 16 N		
WHITMAN COUNTY MEMORIAL AIRPORT (EAT)	EXISTING	ULTIMATE
AIRPORT NPIAS SERVICE LEVEL	GENERAL AVIATION (GA)	SAME
AIRPORT REFERENCE CODE (ARC)	B-1 SMALL	B-1 SMALL
AIRPORT ELEVATION	2180.88 MSL	SAME
AIRPORT REFERENCE POINT (NAD 83) Latitude	46° 51' 31.34" N	SAME
SURVEY - P104 Longitude	117° 24' 50.69" W	SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH	JULY /AUGUST 92.8° F	SAME
AIRPORT INSTRUMENT APPROACH	NONE VISUAL	PAPI
AIRPORT and TERMINAL NAVIGATIONAL AIDS	ROTATING BEACON LIGHTED WIND CONE	ROTATING BEACON LIGHTED WIND CONE GPS
GPS AT AIRPORT	NONE	YES
RUNWAY WIND COVERAGE (10 KNOTS)	98.6%	SAME

RUNWAY END COORDINATES (NAD 1983)

RUNWAY	POINT NO.		EXISTING	ULTIMATE
RUNWAY 7 END / EDGE OF PAVEMENT (492' FROM THRESHOLD BAR) ELEV. 2148.88	P100	LATITUDE LONGTUDE	46° 51' 31.4854" N 117° 25' 13.7814" W	SAME
RUNWAY 7 DISPLACED THRESHOLD ELEV. 2151.37	P101	LATITUDE LONGTUDE	46° 51' 31.4425" N 117° 25' 06.7028" W	SAME
RUNWAY 25 DISPLACED THRESHOLD ELEV. 2175.01	P102	LATITUDE LONGTUDE	46° 51' 31.2315" N 117° 24' 32.2019" W	SAME
RUNWAY 25 END / EDGE OF PAVEMENT (319' FROM THRESHOLD BAR) ELEV. 2180.88	P103	LATITUDE LONGTUDE	46° 51' 31.2031" N 117° 24' 27.5979" W	SAME

RUNWAY DATA

		RUNWAY 7-25 EXISTING	RUNWAY 7-25 ULTIMATE
RUNWAY CATEGORY		–	Transport
AIRPORT REFERENCE CODE (ARC)		B-1 SMALL	SAME
AIRCRAFT APPROACH CATEGORY-DESIGN GROUP		B-1 SMALL	SAME
RUNWAY APPROACH VISIBILITY MINIMUMS		1 Mile	SAME
DESIGN AIRCRAFT		CESSNA 421	GRUMMAN G-164 AG-CAT
FAR PART-77 APPROACH SURFACES	RUNWAY 7	250' x 5,000' x 1,250'	SAME
	RUNWAY 25	250' x 5,000' x 1,250'	SAME
RUNWAY WIND COVERAGE (10 KNOTS)		98.6%	SAME
RUNWAY INSTRUMENTATION		VISUAL/VISUAL	SAME
RUNWAY DIMENSIONS		3,210' x 55'	3,210' x 60'
RUNWAY GEODETIC AZIMUTH (CLOCKWISE FROM NORTH)		90°30'20.9"/270°30'54.6"	SAME
RUNWAY BEARING (TRUE BEARING)		S 89° 29' 22.2" E	SAME
RUNWAY LIGHTING		MIRL (NON STD)	MIRL
RUNWAY SAFETY AREA (RSA)		3,690' x 120'	SAME
RUNWAY OBSTACLE FREE ZONE (OFZ)		3,610' x 250'	SAME
RUNWAY OBJECT FREE AREA (OFA)		3,690' x 250'	SAME
RUNWAY EFFECTIVE GRADIENT		0.99 %	1.00 %
MAX. GRADE WITHIN RUNWAY LENGTH		2.33%	1.40 %
RUNWAY MAXIMUM ELEVATION ABOVE MSL		2180.88 MSL	SAME
RUNWAY PAVEMENT MATERIAL		ASPHALT	SAME
RUNWAY PAVEMENT SURFACE TREATMENT		NONE	SAME
RUNWAY PAVEMENT STRENGTH (in thousand lbs.) [1]		12.5(S) NA(D) NA(DT)	SAME
RUNWAY PROTECTION ZONE (RPZ)	RUNWAY 7	250' x 1000' x 450'	SAME
	RUNWAY 25	250' x 1000' x 450'	SAME
TAXIWAY WIDTH		25' (VARIES)	SAME
TAXIWAY LIGHTING		NONE	MITL/REFLECTORS
TAXIWAY MARKING		NONE/CENTERLINE/HOLDING	CENTERLINE/HOLDING
TAXIWAY SURFACE MATERIAL		ASPHALT & GRAVEL	SAME
TAXIWAY SAFETY AREA WIDTH		49'	SAME
TAXIWAY OBJECT FREE AREA WIDTH		89'	SAME
TAXIWAY HOLDING POSITION MARKING/HOLDSIGN		125'	SAME
		RUNWAY 7 / RUNWAY 25	RUNWAY 7 / RUNWAY 25
RUNWAY THRESHOLD DISPLACEMENT		492' / 320'	SAME / SAME
RUNWAY DISPLACED THRESHOLD ELEVATION		2151.37' MSL / 2175.01' MSL	SAME / SAME
RUNWAY END ELEVATION		2148.88' MSL / 2180.88' MSL	SAME / SAME
F.A.R. PART-77 CATEGORY		VISUAL / VISUAL	SAME / SAME
F.A.R. PART-77 APPROACH SLOPE		20:1 / 20:1	SAME / SAME
THRESHOLD SITING REQUIREMENTS (APPENDIX 2)		Par.-5b / Par.-5b	SAME / SAME
RUNWAY SAFETY AREA (BEYOND RUNWAY THRESHOLD)		240' / 240'	SAME / SAME
OBJECT FREE AREA (BEYOND RUNWAY THRESHOLD)		240' / 240'	SAME / SAME
RUNWAY TOUCHDOWN ZONE ELEVATION		2151.37 MSL / 2175.01 MSL	SAME / SAME
RUNWAY MARKING		VISUAL / VISUAL	SAME / SAME
RUNWAY APPROACH LIGHTING		NONE / NONE	SAME / SAME
ELECTRONIC NAVIGATIONAL AIDS		NONE / NONE	GPS / GPS
RUNWAY VISUAL NAVIGATIONAL AIDS		NONE / NONE	PAPI-2L / PAPI-2L

NOTES:

[1] Pavement strengths are expressed in Single (S), Dual (D), Dual Tandem (DT), and/or Double Dual Tandem (DDT) wheel loading capacities.

DECLARED DISTANCES R/W 7/25

RUNWAY DATA	EXISTING		ULTIMATE	
TAKEOFF RUN AVAILABLE (TORA)	3210'	3210'	SAME	SAME
TAKEOFF DISTANCE AVAILABLE (TODA)	3210'	3210'	SAME	SAME
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	3210'	3210'	SAME	SAME
LANDING DISTANCE AVAILABLE (LDA)	2718'	2890'	SAME	SAME

THRESHOLD SITING SURFACE OBJECT PENETRATIONS

OBJECT	PENETRATION	DISPOSITION
–	–	–
–	–	–
–	–	–
–	–	–

MODIFICATIONS AND NON-STANDARD CONDITIONS OF FAA AIRPORT DESIGN STANDARDS TABLE

NO.	DEVIATION DESCRIPTION	EFFECTED DESIGN STANDARD	AIRSPACE CASE NUMBER	APPROVAL DATE	PROPOSED DISPOSITION
1	RUNWAY SAFETY AREAS	NEEDS TO BE GRADED	–	–	FUTURE AIP GRANT
2					
3					
4					

Date Stamped:

Date	Revision	By

USKH

Engineering • Architectural • Planning
Land Surveying • Environmental

621 W. Mallon Ave, Ste 309
Spokane, WA 99201
(509) 328-5139

303 D Street, Ste 200
Lewiston, Idaho 83501
(208) 746-2661

1920 Main Street, Ste 14
Ferndale, WA 98248
(360) 312-1815

5 North Colville
Walla Walla, WA 99362
(509) 522-4843

Project:

PORT OF WHITMAN BUSINESS AIR CENTER (POWBAC)

AIRPORT LAYOUT PLAN

A.I.P. NO. 3-53-0015-02

Owned by:
Port of Whitman County
Colfax, Washington

Project Mgr.	TRK	
Drawn	BDS	
Drawn	ZCS	LLC
Checked	LLC	TRK
Date	08-09-06	

Sheet Contents:

AIRPORT LAYOUT PLAN

(ALP)

Sheet No.:

C1.1

USKH W.O. 820600

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