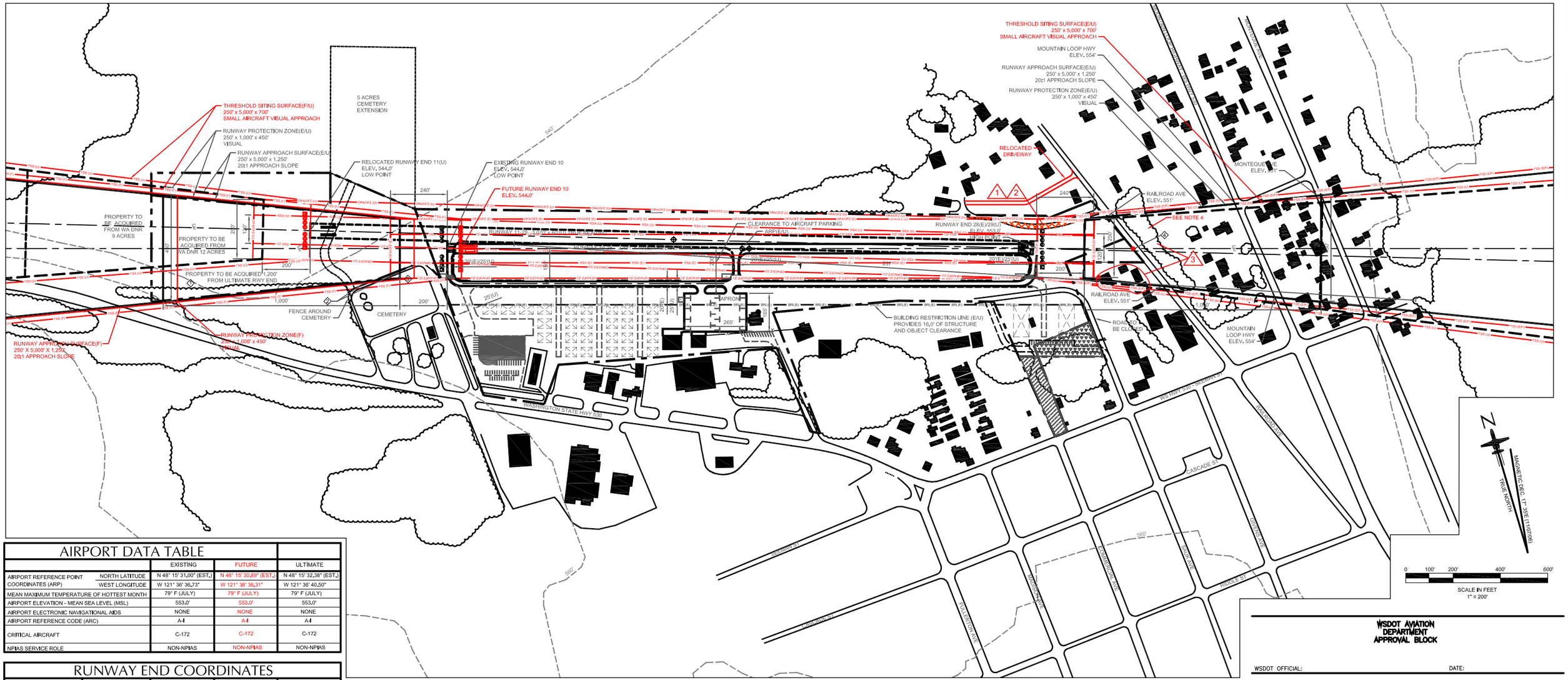
AIRPORT LAYOUT DRAWING



AIRPORT DATA TABLE

		EXISTING	FUTURE	ULTIMATE
AIRPORT REFERENCE POINT COORDINATES (ARP)	NORTH LATITUDE	N 48° 15' 31,00" (EST.)	N 48° 15' 30,89" (EST.)	N 48° 15' 32,38" (EST.)
	WEST LONGITUDE	W 121° 36' 36,73"	W 121° 36' 36,31"	W 121° 36' 40,50"
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		79° F (JULY)	79° F (JULY)	79° F (JULY)
AIRPORT ELEVATION - MEAN SEA LEVEL (MSL)		553.0'	553.0'	553.0'
AIRPORT ELECTRONIC NAVIGATIONAL AIDS		NONE	NONE	NONE
AIRPORT REFERENCE CODE (ARC)		A-I	A-I	A-I
CRITICAL AIRCRAFT		C-172	C-172	C-172
NPIAS SERVICE ROLE		NON-NPIAS	NON-NPIAS	NON-NPIAS

RUNWAY END COORDINATES

RUNWAY END	LAT/LONG	EXISTING	FUTURE	ULTIMATE
RUNWAY 10(E)/11(U)	NORTH LATITUDE	N 48° 15' 35,33"	N 48° 15' 35,27"	N 48° 15' 38,15"
	WEST LONGITUDE	W 121° 36' 53,96"	W 121° 36' 53,74"	W 121° 37' 1,71"
RUNWAY 28(E)/29(U)	NORTH LATITUDE	N 48° 15' 26,67"	N 48° 15' 26,67"	N 48° 15' 26,67"
	WEST LONGITUDE	W 121° 36' 19,50"	W 121° 36' 19,50"	W 121° 36' 19,50"

RUNWAY DATA TABLE

	RUNWAY 10-28		RUNWAY 10-28		RUNWAY 11-29	
	EXISTING		FUTURE		ULTIMATE	
APPROACH CATEGORY/DESIGN GROUP	A-I (SMALL AIRCRAFT)		A-I (SMALL AIRCRAFT)		A-I (SMALL AIRCRAFT)	
RUNWAY LENGTH/WIDTH	2,491' x 40'		2,431' x 40'		3,070' x 60' (1)	
RUNWAY LIGHTING	MIRL		MIRL		MIRL	
RUNWAY TYPE/MARKINGS	NON-STANDARD		VISUAL		VISUAL	
EFFECTIVE RUNWAY GRADIENT (%)	0.4%		0.4%		0.4%	
PAVEMENT MATERIAL	ASPHALT		ASPHALT		ASPHALT	
PAVEMENT STRENGTH (LBS.)	12,500 (SWG)		12,500 (SWG)		12,500 (SWG)	
RUNWAY SAFETY AREA (RSA) LENGTH	2,971' (240' BEYOND RWY END)		2,911' (240' BEYOND RWY END)		3,550' (240' BEYOND RWY END)	
RUNWAY SAFETY AREA (RSA) WIDTH	77' (2)	120'	120'		120'	
OBJECT FREE AREA (OFA) LENGTH	2,971' (240' BEYOND RWY END)		2,911' (240' BEYOND RWY END)		3,550' (240' BEYOND RWY END)	
OBJECT FREE AREA (OFA) WIDTH	142' (2)	250'	250'		250'	
OBSTACLE FREE ZONE (OFZ) LENGTH	2,891' (200' BEYOND RWY END)		2,831' (200' BEYOND RWY END)		3,470' (200' BEYOND RWY END)	
OBSTACLE FREE ZONE (OFZ) WIDTH	142' (2)	250'	250'		250'	
HOLDING POSITION	125'		125'		125'	
TAXIWAY WIDTH	20'		25'		25'	
TAXIWAY MARKING/ LIGHTING	REFLECTORS		MITL		MITL	
	10	28	10	28	11	29
INSTRUMENT APPROACH AIDS	NONE	NONE	NONE	GPS	NONE	GPS
VISUAL APPROACH AIDS	NONE	NONE	PAPI-2L/REILS	PAPI-2R/REILS	PAPI-2L/REILS	PAPI-2R/REILS
RUNWAY VISIBILITY MINIMUMS	VISUAL	VISUAL	VISUAL	VISUAL	VISUAL	VISUAL
FAR PART-77 APPROACH SLOPE	0:1	20:1	20:1	20:1	20:1	20:1
TOUCHDOWN ZONE ELEVATION (TDZE)	548'	553'	548'	553'	548'	553'
(SWG)=SINGLE WHEEL GEAR						

LEGEND

EXISTING	ULTIMATE	
		FACILITIES
		BUILDINGS/STRUCTURES
		AIRPORT PROPERTY LINE
		AVIGATION EASEMENTS
		RUNWAY PROTECTION ZONE (RPZ)
		BUILDING RESTRICTION LINE (BRL)
		RUNWAY SAFETY AREA (RSA)
		OBJECT FREE AREA (OFA)
		OBSTACLE FREE ZONE (OFZ)
		AIRPORT REFERENCE POINT (ARP)
		ROTATING BEACON
		PRECISION APPROACH PATH INDICATORS (PAPI-2L)
		HOLD POSITION MARKING
		LIGHTED WIND CONE
		RUNWAY THRESHOLD LIGHTS
		RUNWAY END IDENTIFIER LIGHTS (REIL)
		GROUND CONTOUR (USGS MAP)
		PAVED/GRAVEL/DIRT ROADWAY
		FENCING
		ROAD TO BE REMOVED

NOTES:

1. THE ULTIMATE CONFIGURATION OF THE RUNWAY IS NOT IDENTIFIED IN THE CIP BECAUSE IT IS NOT SCHEDULED IMPROVEMENT AND IS SHOWN TO PROTECT THE FUTURE OPTION OF REALIGNING THE RUNWAY.
2. A FIVE FOOT HIGH CEMETERY FENCE AND HEADSTONES PENETRATE THE PRIMARY SURFACE, OFA AND OFZ BETWEEN 58' AND 250' WEST OF THE RUNWAY END AND SOUTH OF EXTENDED CENTERLINE.
3. RUNWAY NUMBERS WILL CHANGE FROM 10-28(E) TO 11-29(U) WITH NEW ALIGNMENT OF RUNWAY.
4. AN OBSTRUCTION SURVEY IS RECOMMENDED FOR THE RUNWAY 28 INNER APPROACH SURFACE AND ADJACENT TRANSITIONAL SURFACES TO VERIFY LOCATIONS AND ELEVATIONS OF TREE AND BUILT ITEM (HANGARS, ETC.) PENETRATIONS, BASED ON VERIFICATION BY SURVEY, REMOVAL OF TREE PENETRATIONS AND LIGHTING EXISTING BUILT ITEM PENETRATIONS IS RECOMMENDED, DISPLACING THE RUNWAY 28 THRESHOLD WITH/WITHOUT AND OBSTACLE CLEARANCE SURFACE (OCS) REQUIRES ADDITIONAL EVALUATION BASED ON THE OBSTRUCTION SURVEY AND THE PROPOSED ACTION PLAN TO MITIGATE OBSTRUCTIONS.

MODIFICATION TO STANDARDS

NO.	ITEM	DESCRIPTION	DISPOSITION
1	OBJECT FREE AREA (EAST END)	CLEAR UNIMPROVED ROADWAY LOCATED BEYOND EAST END OF RUNWAY	RELOCATE ROAD
2	OBJECT FREE ZONE (EAST END)	CLEAR UNIMPROVED ROADWAY LOCATED BEYOND EAST END OF RUNWAY	RELOCATE ROAD
3	RPZ/APPROACH SURFACE (RWY 28)	LIMITED BY BUILDINGS/TREES	OBSTRUCTION SURVEY TO VERIFY; TREE REMOVAL, OBSTRUCTION LIGHT; OCS AND DISPLACED THRESHOLD TBD BY SURVEY

WSDOT AVIATION DEPARTMENT APPROVAL BLOCK

WSDOT OFFICIAL: DATE:

OFFICIAL TITLE: APPROVAL LETTER DATE:

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DARRINGTON, WASHINGTON
APPROVAL BLOCK

SUBMITTED BY:

OFFICIAL TITLE: DATE:

TOWN OF DARRINGTON, WASHINGTON

DARRINGTON MUNICIPAL AIRPORT

AIRPORT LAYOUT DRAWING

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DRAWING NO. TWO	DRAWN BY: MFL	DATE: 09/16/08	
SCALE AS SHOWN	CHECKED BY: BCW	DATE: 09/16/08	
SHEET: 2 OF 8			