LEGEND

	EXISTING	FUTURE
FACILITIES		
BUILDINGS		
RUNWAY		
BUILDING RESTRICTION LINE (BRL)	BRL (E)	BRL (F)
AIRCRAFT PARKING LINE (APL)	APL (E)	APL (F)
AIRPORT PROPERTY LINE		
RUNWAY SAFETY AREA (RSA)		
OBJECT FREE AREA (OFA)		
OBSTACLE FREE ZONE (OFZ)		
RUNWAY PROTECTION ZONE (RPZ)		
GROUND CONTOURS	530	530
AIRPORT REFERENCE POINT (ARP)		
PROPOSED AIRFIELD PAVEMENT	NONE	
VISUAL GUIDANCE INDICATORS	PAPI	PAPI
WIND INDICATOR		
AVIGATION EASEMENT		
FENCE	X X	XX XX
PROPOSED ROAD/PARKING	NONE	
BEACON		SAME
THRESHOLD LIGHTS		
SEGMENTED CIRCLE WIND INDICATOR		
REIL	NONE	

AIRPORT DATA

	EXISTING	FUTURE
AIRPORT ELEVATION (MSL)	537.8'	538'.0
DATUM FOR ALL ITEMS	NAD 83/NAVD 88	SAME
AIRPORT REFERENCE POINT COORDINATES (ARP)	LAT. N 43° 55' 50.76" LONG. W 123° 00' 24.05"	LAT. N 43° 55' 54" LONG. W 123° 00' 25"
AIRPORT MAGNETIC VARIATION	17° 4' E (2004)	SAME
MEAN MAXIMUM TEMPERATURE	82° F	SAME
NPIAS ROLE	GA	GA
AIRPORT REFERENCE CODE (ARC)	B-I (SMALL)	B-I (SMALL)
AIRPORT CODE	77S	SAME
LAND OWNED IN FEE (ACRES)	APPROX. 102.6 ACRES	APPROX. 103.2 ACRES

DECLARED DISTANCES

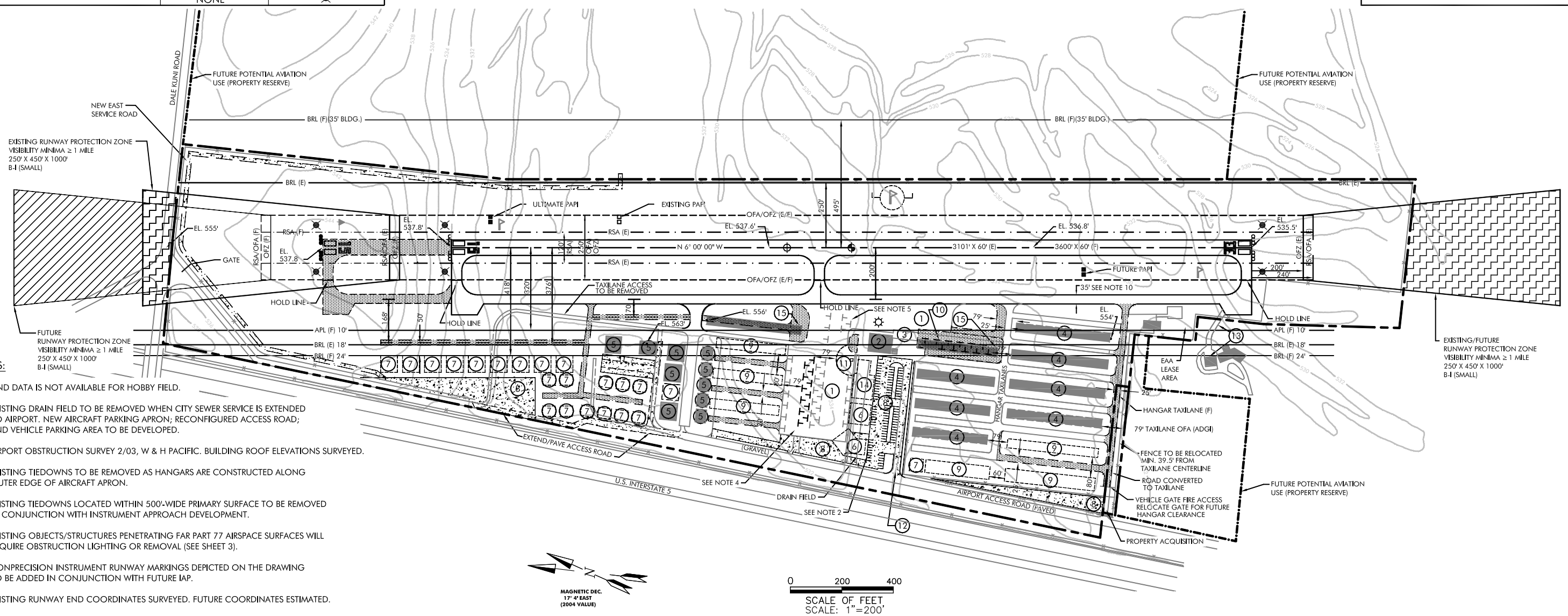
	RUNWAY 15		RUNWAY 33	
	EXISTING	FUTURE	EXISTING	FUTURE
TAKEOFF RUN AVAILABLE (TORA)	3101'	3600'	3101'	3600'
TAKEOFF DISTANCE AVAILABLE (TODA)	3101'	3600'	3101'	3600'
ACCELERATE-STOP DISTANCE (ASDA)	3101'	3600'	3101'	3600'
LANDING DISTANCE AVAILABLE (LDA)	3101'	3600'	3101'	3600'

RUNWAY DATA 15/33

		EXISTING	FUTURE
LENGTH AND WIDTH		3101' X 60'	3600' X 60'
PERCENT EFFECTIVE GRADIENT		0.1%	0.07%
PERCENT WIND COVERAGE (12 MPH)		95% ALL WEATHER	SAME
PAVEMENT TYPE		ASPHALT CONCRETE	SAME
PAVEMENT STRENGTH		12,500 SINGLE WHEEL	SAME
APPROACH SLOPE/TYPE		20:1/VISUAL	20:1/NONPRECISION INSTRUMENT (LNAV)
RUNWAY LIGHTING		MIRL	SAME
RUNWAY MARKING		BASIC	NPI
RUNWAY SAFETY AREA		3581' X 120'	4080' X 120'
OBJECT FREE AREA		3581' X 250'	4080' X 250'
OBSTACLE FREE ZONE		3501' X 250'	4000' X 250'
CRITICAL AIRCRAFT		BE-58	SAME
NAVIGATIONAL AIDS		NONE	GPS
APPROACH AND LANDING AIDS	15	PAPI	PAPI, REIL
	33	NONE	PAPI, REIL
RUNWAY END COORDINATES ★(SEE NOTE 8)	15	LAT.N 43° 56' 05.99" LONG.W 123° 00' 26.20"	LAT.N 43° 56' 10.89" LONG.W 123° 00' 26.89"
	33	LAT.N 43° 55' 35.52" LONG.W 123° 00' 21.89"	SAME
TAXIWAY LIGHTING		NONE	REFLECTORS/MITL

BUILDING KEY

1. GA AIRCRAFT TIEDOWN APRON (EXISTING)
2. FBO/OFFICE/HANGAR (EXISTING)
3. AIRCRAFT FUELING (EXISTING)
4. T-HANGAR (EXISTING)
5. CONVENTIONAL HANGAR (EXISTING)
6. BUSINESS / COMMERCIAL HANGAR (FUTURE)
7. CONVENTIONAL STORAGE HANGAR (FUTURE)
8. AUTO PARKING (FUTURE)
9. T-HANGAR (FUTURE)
10. GA AIRCRAFT TIEDOWN APRON (FUTURE)
11. AIRCRAFT FUELING (FUTURE)
12. ACCESS ROAD (FUTURE RECONFIGURATION)
13. HANGAR (OFF AIRPORT/THROUGH-THE-FENCE)
14. FBO RESERVE
15. EXISTING HANGAR TO BE REMOVED



NOTES:

1. WIND DATA IS NOT AVAILABLE FOR HOBBY FIELD.
2. EXISTING DRAIN FIELD TO BE REMOVED WHEN CITY SEWER SERVICE IS EXTENDED TO AIRPORT. NEW AIRCRAFT PARKING APRON; RECONFIGURED ACCESS ROAD; AND VEHICLE PARKING AREA TO BE DEVELOPED.
3. AIRPORT OBSTRUCTION SURVEY 2/03, W & H PACIFIC. BUILDING ROOF ELEVATIONS SURVEYED.
4. EXISTING TIEDOWNS TO BE REMOVED AS HANGARS ARE CONSTRUCTED ALONG OUTER EDGE OF AIRCRAFT APRON.
5. EXISTING TIEDOWNS LOCATED WITHIN 500'-WIDE PRIMARY SURFACE TO BE REMOVED IN CONJUNCTION WITH INSTRUMENT APPROACH DEVELOPMENT.
6. EXISTING OBJECTS/STRUCTURES PENETRATING FAR PART 77 AIRSPACE SURFACES WILL REQUIRE OBSTRUCTION LIGHTING OR REMOVAL (SEE SHEET 3).
7. NONPRECISION INSTRUMENT RUNWAY MARKINGS DEPICTED ON THE DRAWING TO BE ADDED IN CONJUNCTION WITH FUTURE IAP.
8. EXISTING RUNWAY END COORDINATES SURVEYED. FUTURE COORDINATES ESTIMATED.
9. USGS TOPOGRAPHICAL CONTOUR MAPPING BASED ON NAVD 29. ALL OTHER ELEVATION DATA BASED ON SURVEY USING NAVD 88.
10. FUTURE PARALLEL TAXIWAY IMPROVEMENTS PER ADGI STANDARDS. AIRPORT SPONSOR TO PERFORM COST-BENEFIT ANALYSIS TO EVALUATE MAINTAINING CURRENT 35' WIDTH.

"THE PREPARATION OF THIS DOCUMENT MAY HAVE BEEN SUPPORTED, IN PART, THROUGH THE AIRPORT IMPROVEMENT PROGRAM FINANCIAL ASSISTANCE FROM THE FEDERAL AVIATION ADMINISTRATION (PROJECT NUMBER 3-41-0083-005)AS PROVIDED UNDER TITLE 49, UNITED STATES CODE, SECTION 47104. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS REPORT BY THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING.
0" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

FEDERAL AVIATION ADMINISTRATION APPROVAL

APPROVAL DATE: _____

MANAGER, SEATTLE ADO

CITY OF CRESWELL APPROVAL

APPROVAL DATE: _____

SIGNATURE

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DESIGNED BY: DM	DRAWN BY: SLK	CHECKED BY: DM	SCALE: AS SHOWN
DATE: NOVEMBER 2007		PROJECT NO: 41324002.01	

CITY OF CRESWELL HOBBY FIELD

AIRPORT LAYOUT PLAN

DRAWING NO. -

SHEET NO. 2 OF 5