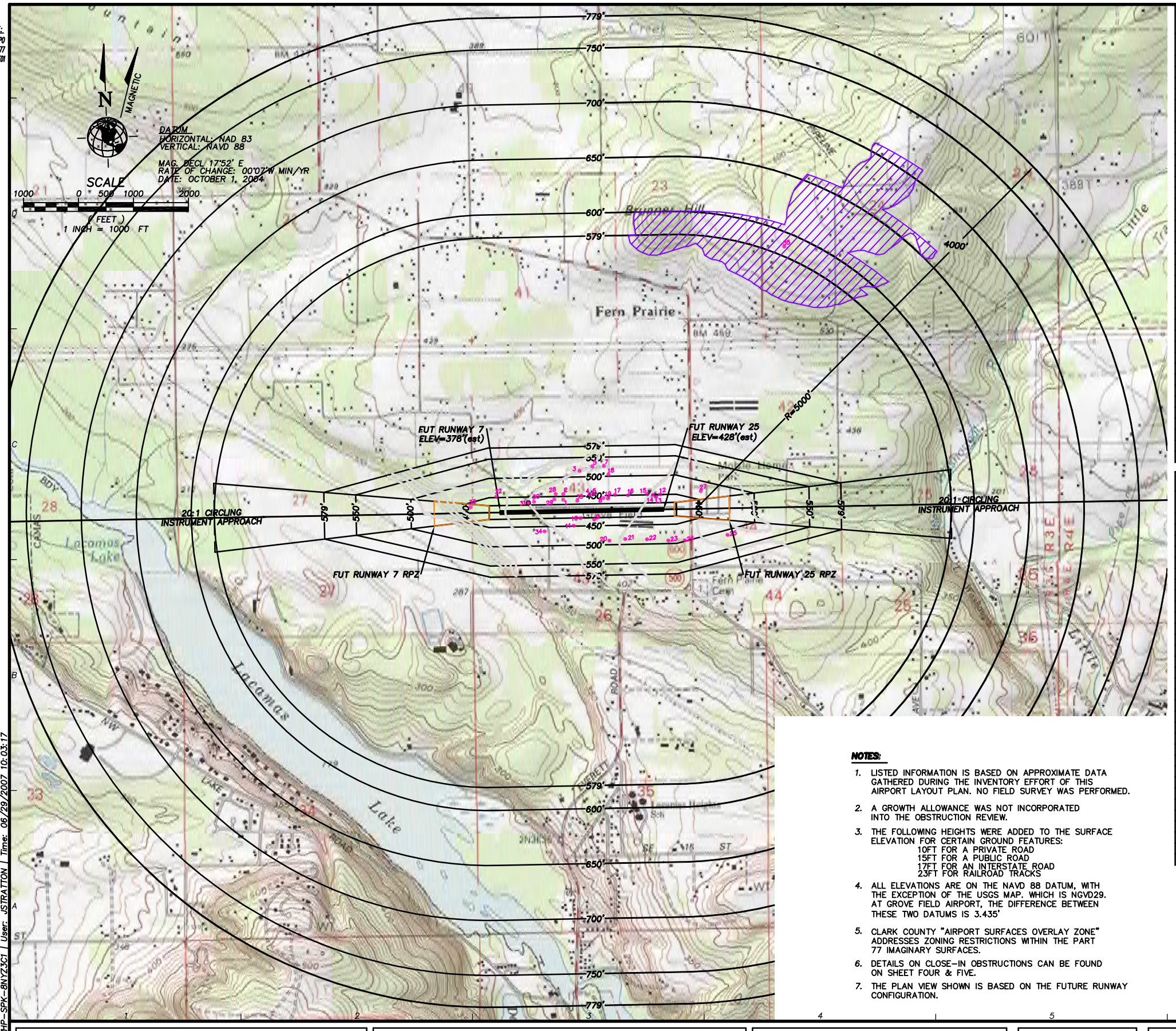
INDEX:
SEE-TOPO
T-PART77
VREF-DEOI



EXISTING OBSTRUCTION DATA TABLE

OBSTRUCTION NO.	DESCRIPTION	TOP ELEVATION	PART 77 SURFACE OBSTRUCTED	PART 77 ELEVATION	PENETRATION	PROPOSED DISPOSITION OF OBSTRUCTION
1	HANGAR	453'	7:1 TRANSITIONAL SURFACE	436'	17'	OBSTRUCTION LIGHTING
2	TREES	502'	7:1 TRANSITIONAL SURFACE	447'	55'	TOP OR REMOVE
3	TREES	549'	7:1 TRANSITIONAL SURFACE	514'	35'	TOP OR REMOVE
4	HANGAR	477'	7:1 TRANSITIONAL SURFACE	445'	2'	TOP OR REMOVE
5	TREES	542'	7:1 TRANSITIONAL SURFACE	520'	22'	TOP OR REMOVE
6	TREES	454'	7:1 TRANSITIONAL SURFACE	443'	11'	TOP OR REMOVE
7	TREE	536'	7:1 TRANSITIONAL SURFACE	514'	22'	TOP OR REMOVE
8	TREE	487'	7:1 TRANSITIONAL SURFACE	446'	41'	TOP OR REMOVE
9	TREE	521'	7:1 TRANSITIONAL SURFACE	439'	82'	TOP OR REMOVE
10	TREE	513'	PRIMARY SURFACE	439'	74'	TOP OR REMOVE
11	TREES	531'	7:1 TRANSITIONAL SURFACE	456'	75'	TOP OR REMOVE
12	TREES	482'	7:1 TRANSITIONAL SURFACE	443'	39'	TOP OR REMOVE
13	TREES	498'	7:1 TRANSITIONAL SURFACE	439'	59'	TOP OR REMOVE
14	HANGAR	452'	7:1 TRANSITIONAL SURFACE	437'	15'	OBSTRUCTION LIGHTING
15	HANGAR	453'	7:1 TRANSITIONAL SURFACE	440'	12'	OBSTRUCTION LIGHTING
16	HANGAR	453'	7:1 TRANSITIONAL SURFACE	442'	11'	OBSTRUCTION LIGHTING
17	HANGAR	455'	7:1 TRANSITIONAL SURFACE	445'	10'	OBSTRUCTION LIGHTING
18	TREES	504'	7:1 TRANSITIONAL SURFACE	498'	6'	TOP OR REMOVE
19	HANGAR	452'	7:1 TRANSITIONAL SURFACE	435'	17'	OBSTRUCTION LIGHTING
20	TREES	579'	7:1 TRANSITIONAL SURFACE	488'	91'	TOP OR REMOVE
21	TREES	543'	7:1 TRANSITIONAL SURFACE	484'	59'	TOP OR REMOVE
22	TREES	538'	7:1 TRANSITIONAL SURFACE	484'	54'	TOP OR REMOVE
23	TREES	524'	7:1 TRANSITIONAL SURFACE	484'	40'	TOP OR REMOVE
24	TREES	504'	7:1 TRANSITIONAL SURFACE	497'	7'	TOP OR REMOVE
25	TREES	550'	7:1 TRANSITIONAL SURFACE	526'	24'	TOP OR REMOVE
26	TREES	511'	20:1 APPROACH SURFACE	492'	19'	TOP OR REMOVE
27	TREES	545'	7:1 APPROACH SURFACE	477'	68'	TOP OR REMOVE
28	TREES	478'	7:1 TRANSITIONAL SURFACE	436'	42'	TOP OR REMOVE
29	TREES	503'	7:1 TRANSITIONAL SURFACE	427'	76'	TOP OR REMOVE
30	TREES	468'	7:1 TRANSITIONAL SURFACE	419'	49'	TOP OR REMOVE
31	TREES	484'	7:1 TRANSITIONAL SURFACE	440'	43'	TOP OR REMOVE
32	TREES	561'	7:1 TRANSITIONAL SURFACE	478'	83'	TOP OR REMOVE
33	TREES	520'	20:1 APPROACH SURFACE	501'	20'	TOP OR REMOVE
34	TREES	570'	7:1 TRANSITIONAL SURFACE	448'	190'	TOP OR REMOVE
35	TERAIN	VARIES	20:1 CONICAL SURFACE	VARIES	122'	PUBLISH ADVISORY NOTICE
36	DELP ROAD	420'	PRIMARY SURFACE	412'	8'	RELOCATE ROAD
37	SR500	443'	PRIMARY SURFACE	428'	15'	FUTURE RELOCATED THRESHOLD

FUTURE OBSTRUCTION DATA TABLE

OBSTRUCTION NO.	DESCRIPTION	TOP ELEVATION	PART 77 SURFACE OBSTRUCTED	PART 77 ELEVATION	PENETRATION	PROPOSED DISPOSITION OF OBSTRUCTION
1	HANGAR	453'	7:1 TRANSITIONAL SURFACE	445'	7'	OBSTRUCTION LIGHTING
2	TREES	502'	7:1 TRANSITIONAL SURFACE	457'	46'	TOP OR REMOVE
3	TREES	549'	7:1 TRANSITIONAL SURFACE	523'	6'	TOP OR REMOVE
5	TREES	542'	7:1 TRANSITIONAL SURFACE	529'	13'	TOP OR REMOVE
6	TREES	454'	7:1 TRANSITIONAL SURFACE	451'	3'	TOP OR REMOVE
7	TREE	536'	7:1 TRANSITIONAL SURFACE	506'	30'	TOP OR REMOVE
8	TREE	487'	7:1 TRANSITIONAL SURFACE	454'	33'	TOP OR REMOVE
9	TREE	521'	7:1 TRANSITIONAL SURFACE	431'	90'	TOP OR REMOVE
10	TREE	513'	PRIMARY SURFACE	430'	82'	TOP OR REMOVE
11	TREES	531'	7:1 TRANSITIONAL SURFACE	448'	83'	TOP OR REMOVE
12	TREES	482'	7:1 TRANSITIONAL SURFACE	447'	41'	TOP OR REMOVE
13	TREES	498'	7:1 TRANSITIONAL SURFACE	444'	65'	TOP OR REMOVE
14	HANGAR	452'	7:1 TRANSITIONAL SURFACE	442'	13'	OBSTRUCTION LIGHTING
15	HANGAR	453'	7:1 TRANSITIONAL SURFACE	446'	10'	OBSTRUCTION LIGHTING
16	HANGAR	453'	7:1 TRANSITIONAL SURFACE	449'	9'	OBSTRUCTION LIGHTING
17	HANGAR	455'	7:1 TRANSITIONAL SURFACE	452'	7'	OBSTRUCTION LIGHTING
19	HANGAR	452'	7:1 TRANSITIONAL SURFACE	442'	10'	OBSTRUCTION LIGHTING
20	TREES	579'	7:1 TRANSITIONAL SURFACE	481'	98'	TOP OR REMOVE
21	TREES	543'	7:1 TRANSITIONAL SURFACE	478'	65'	TOP OR REMOVE
22	TREES	538'	7:1 TRANSITIONAL SURFACE	478'	60'	TOP OR REMOVE
23	TREES	524'	7:1 TRANSITIONAL SURFACE	480'	44'	TOP OR REMOVE
24	TREES	504'	7:1 TRANSITIONAL SURFACE	497'	7'	TOP OR REMOVE
25	TREES	550'	7:1 TRANSITIONAL SURFACE	526'	24'	TOP OR REMOVE
27	TREES	545'	7:1 APPROACH SURFACE	477'	68'	TOP OR REMOVE
28	TREES	478'	7:1 TRANSITIONAL SURFACE	438'	26'	TOP OR REMOVE
29	TREES	503'	7:1 TRANSITIONAL SURFACE	437'	66'	TOP OR REMOVE
30	TREES	468'	7:1 TRANSITIONAL SURFACE	444'	24'	TOP OR REMOVE
31	TREES	484'	7:1 TRANSITIONAL SURFACE	450'	33'	TOP OR REMOVE
32	TREES	561'	7:1 TRANSITIONAL SURFACE	471'	90'	TOP OR REMOVE
33	TREES	520'	20:1 APPROACH SURFACE	415'	20'	TOP OR REMOVE
34	TREES	570'	7:1 APPROACH SURFACE	436.0'	134'	TOP OR REMOVE
35	TERAIN	VARIES	20:1 CONICAL SURFACE	VARIES	VARIES	PUBLISH ADVISORY NOTICE

NOTES:

1. LISTED INFORMATION IS BASED ON APPROXIMATE DATA GATHERED DURING THE INVENTORY EFFORT OF THIS AIRPORT LAYOUT PLAN. NO FIELD SURVEY WAS PERFORMED.
2. A GROWTH ALLOWANCE WAS NOT INCORPORATED INTO THE OBSTRUCTION REVIEW.
3. THE FOLLOWING HEIGHTS WERE ADDED TO THE SURFACE ELEVATION FOR CERTAIN GROUND FEATURES:
   - 10FT FOR A PRIVATE ROAD
   - 15FT FOR A PUBLIC ROAD
   - 17FT FOR AN INTERSTATE ROAD
   - 23FT FOR RAILROAD TRACKS
4. ALL ELEVATIONS ARE ON THE NAVD 88 DATUM, WITH THE EXCEPTION OF THE USGS MAP. WHICH IS NGVD29. AT GROVE FIELD AIRPORT, THE DIFFERENCE BETWEEN THESE TWO DATUMS IS 3.435'
5. CLARK COUNTY "AIRPORT SURFACES OVERLAY ZONE" ADDRESSES ZONING RESTRICTIONS WITHIN THE PART 77 IMAGINARY SURFACES.
6. DETAILS ON CLOSE-IN OBSTRUCTIONS CAN BE FOUND ON SHEET FOUR & FIVE.
7. THE PLAN VIEW SHOWN IS BASED ON THE FUTURE RUNWAY CONFIGURATION.

LEGEND:

- OBSTRUCTIONS
- GROUP AND MULTIPLE OBSTRUCTIONS

PART 77 DIMENSIONAL STANDARDS
RUNWAY TYPE = UTILITY, VISUAL
PRIMARY SURFACE WIDTH = 250'
APPROACH SURFACE INNER WIDTH = 250'
APPROACH SURFACE OUTER WIDTH = 1,250'
APPROACH SURFACE LENGTH = 5,000'
RADIUS OF HORIZONTAL SURFACE = 5,000'
APPROACH SLOPE = 20:1
FUTURE RUNWAY LENGTH = 2970'

DESIGNED BY: RMW | CHECKED BY: REA
DRAWN BY: CMB | APPROVED BY:
LAST EDIT: 07/22/05 | PLOT DATE: 06/29/07

DATE	BY	REV#	REVISION	CK'D	APPR.

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WSDOT AVIATION DIVISION
GROVE FIELD AIRPORT
AIRSPACE PLAN

CAMAS WASHINGTON

SCALE:	PROJECT NO.	DRAWING FILE NAME:	SHEET
1"=1000'	32105	32105-AIRP-AS01	3

Office: SPOKANE | System: WHP-SPK-8NY23C1 | User: JSTRATTON | Time: 06/29/2007 10:03:17