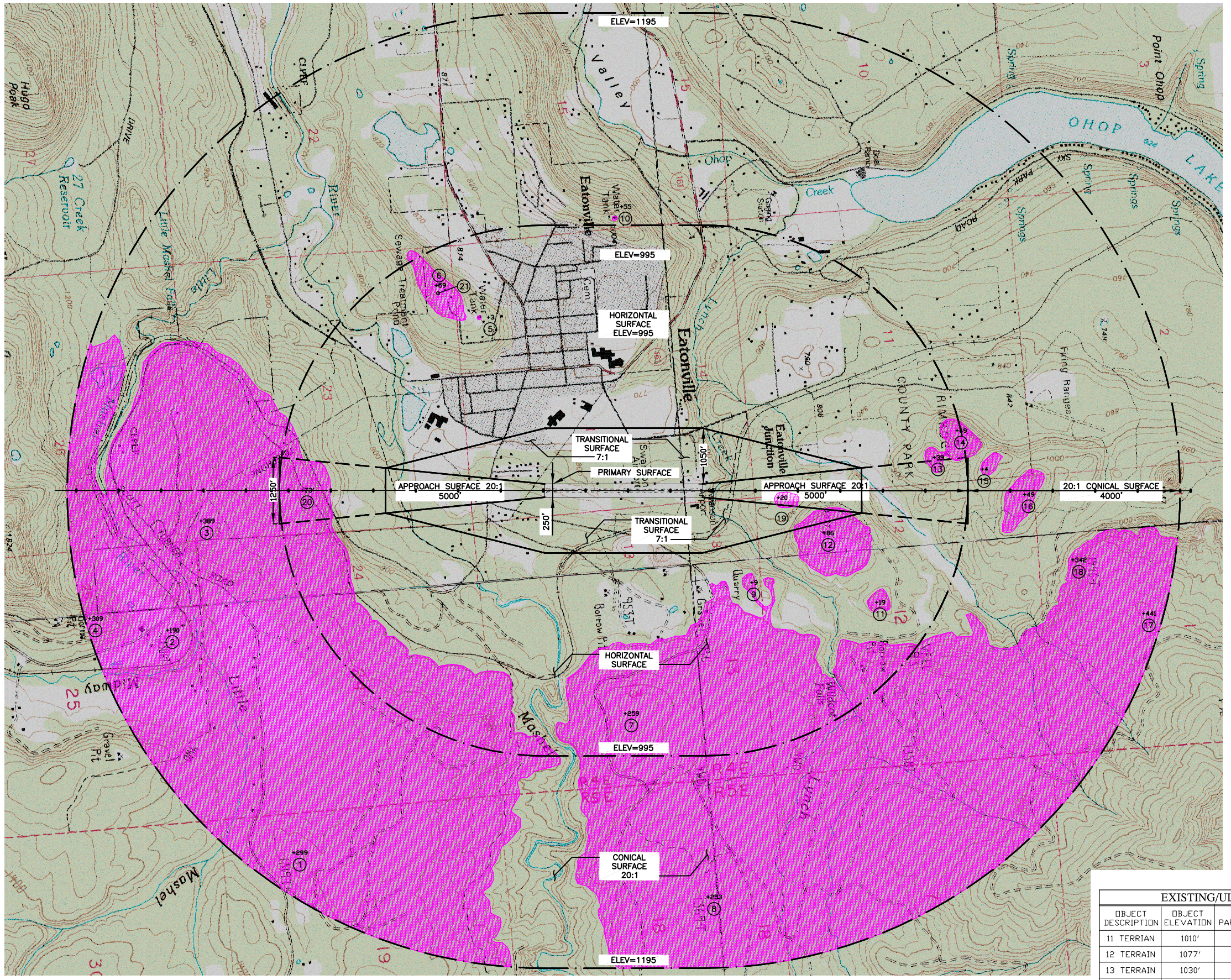
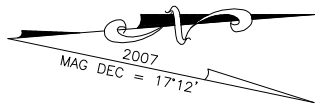


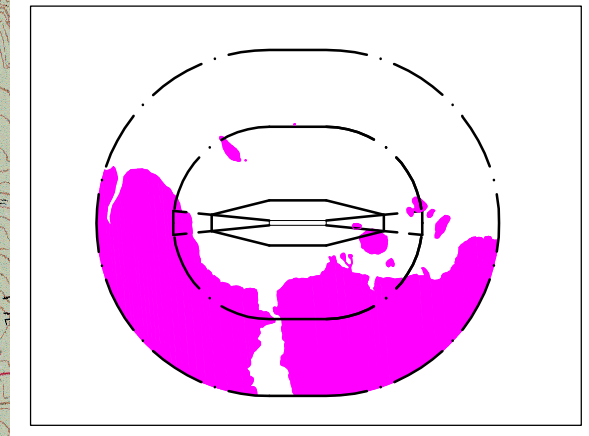


OBSTRUCTION LEGEND

- OBSTRUCTION ITEM
- TOPOGRAPHIC OBSTRUCTION

GENERAL NOTES

1. THE VERTICAL DATUM USED FOR THIS PROJECT IS NAVD88. THE EXISTING ELEVATIONS AND EXISTING GROUND CONTOURS ON THIS PLAN REFERENCE NGVD29 DATUM. CONICAL SECTION ELEVATIONS ARE BASED ON RECENT RUNWAY CENTERLINE SURVEYS USING NAVD88 ELEVATIONS. NAVD88 SURFACE ELEVATIONS WERE ADJUSTED −3.47' TO NGVD29 TO DETERMINE OBJECT PENETRATION VALUES. DUE TO LIMITED SURVEY DATA OUTSIDE OF THE AIRPORT RUNWAY AREA, USGS 7.5 MIN. QUADRANGLE MAPS WERE USED TO IDENTIFY OBSTRUCTION ELEVATIONS THAT WERE OUTSIDE THE LIMITS OF SURVEY.
2. DEVELOPER GRADING WITHIN THE TRANSITIONAL SURFACE AND WITHIN RUNWAY 34 APPROACH HAS ELIMINATED ANY GROUND SURFACE OBSTRUCTIONS DEPICTED ON THE USGS QUADRANGLE WITHIN THE PART 77 TRANSITIONAL SURFACE AND APPROACH SURFACE IN THAT AREA. SEE RPZ PLAN AND PROFILE.
3. SEE ULTIMATE RUNWAY PROTECTION ZONE PLAN AND PROFILE SHEET FOR ADDITIONAL OBSTRUCTIONS AND OBSTRUCTION TABLE.
4. WATER TANK TOP OF STRUCTURE ELEVATIONS WERE OBTAINED FROM TOWN OF EATONVILLE COMPREHENSIVE WATER SYSTEM PLAN. IT IS UNDETERMINED IF FAA FORM 7460 HAS BEEN SUBMITTED FOR THESE STRUCTURES



OBSTRUCTION VICINITY MAP
NTS

1000' 0 500' 1000' 2000'
SCALE IN FEET

EXISTING/ULTIMATE PART 77 OBSTRUCTION TABLE

OBJECT DESCRIPTION	OBJECT ELEVATION	OBSTRUCTED PART 77 SURFACE	SURFACE ELEVATION	OBJECT PENETRATION	PROPOSED OBJECT DISPOSITION
1 TERRAIN	1440'	CONICAL	1141'	299'	NO ACTION
2 TERRAIN	1306'	CONICAL	1116'	190'	NO ACTION
3 TERRAIN	1430'	CONICAL	1041'	389'	NO ACTION
4 TERRAIN	1500'	CONICAL	1191'	309'	NO ACTION
5 STRUCT.	998'	HORIZONTAL	995'	3'	NO ACTION

EXISTING/ULTIMATE PART 77 OBSTRUCTION TABLE

OBJECT DESCRIPTION	OBJECT ELEVATION	OBSTRUCTED PART 77 SURFACE	SURFACE ELEVATION	OBJECT PENETRATION	PROPOSED OBJECT DISPOSITION
6 TERRAIN	1050'	HORIZONTAL	991'	59'	NO ACTION
7 TERRAIN	1250'	HORIZONTAL	991'	259'	NO ACTION
8 TERRAIN	1369'	CONICAL	1116'	253'	NO ACTION
9 TERRAIN	1000'	HORIZONTAL	991'	9'	NO ACTION
10 STRUCT.	1057'	CONICAL	1002'	55'	NO ACTION

EXISTING/ULTIMATE PART 77 OBSTRUCTION TABLE

OBJECT DESCRIPTION	OBJECT ELEVATION	OBSTRUCTED PART 77 SURFACE	SURFACE ELEVATION	OBJECT PENETRATION	PROPOSED OBJECT DISPOSITION
11 TERRIAN	1010'	HORIZONTAL	991'	19'	NO ACTION
12 TERRAIN	1077'	HORIZONTAL	991'	86'	NO ACTION
13 TERRAIN	1030'	HORIZONTAL	991'	39'	NO ACTION
14 TERRAIN	1040'	HORIZONTAL	991'	49'	NO ACTION
15 TERRAIN	1020'	CONICAL	1016'	4'	NO ACTION
16 TERRAIN	1090'	CONICAL	1041'	49'	NO ACTION
17 TERRAIN	1620'	CONICAL	1179'	441'	NO ACTION
18 TERRAIN	1446'	CONICAL	1104'	342'	NO ACTION
19 TERRAIN	930'	20:1 APPROACH	910'	20'	NO ACTION
20 RAIL LINE	1040'	20:1 APPROACH	967'	73'	NO ACTION
21 STRUCT.	1080'	HORIZONTAL	991'	89'	NO ACTION

HDR Engineering, Inc.
500 108th Ave. NE
Suite 1200
BELLEVUE, WA
98004

REVISIONS

NO.	DATE	BY	DESCRIPTION

SWANSON FIELD
EATONVILLE, WASHINGTON
AIRPORT AIRSPACE PLAN (FAR PART 77)

DESIGNED TBL
DESIGN CHECKED LMB/RJG
DETAILED TBL
DRAWING CHECKED RJG
FILE NAME
DRAWING DATE 10 / 12 / 2009
DRAWING SCALE AS SHOWN
SHEET 2 OF 6