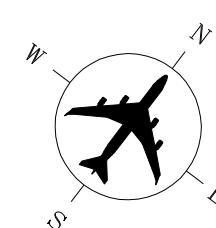


MAGNETIC VARIATION 1° 31' 25" EAST
APR 2012 ANNUAL INCREASE 0.8

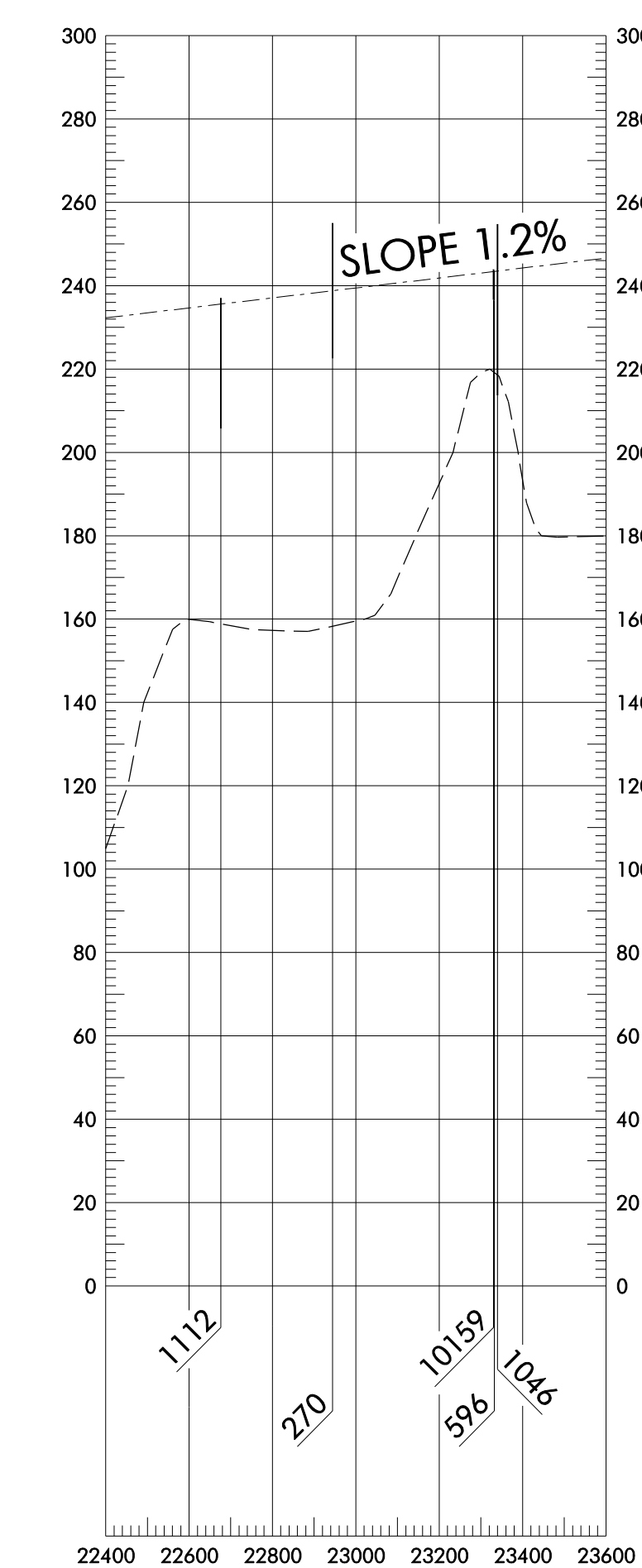
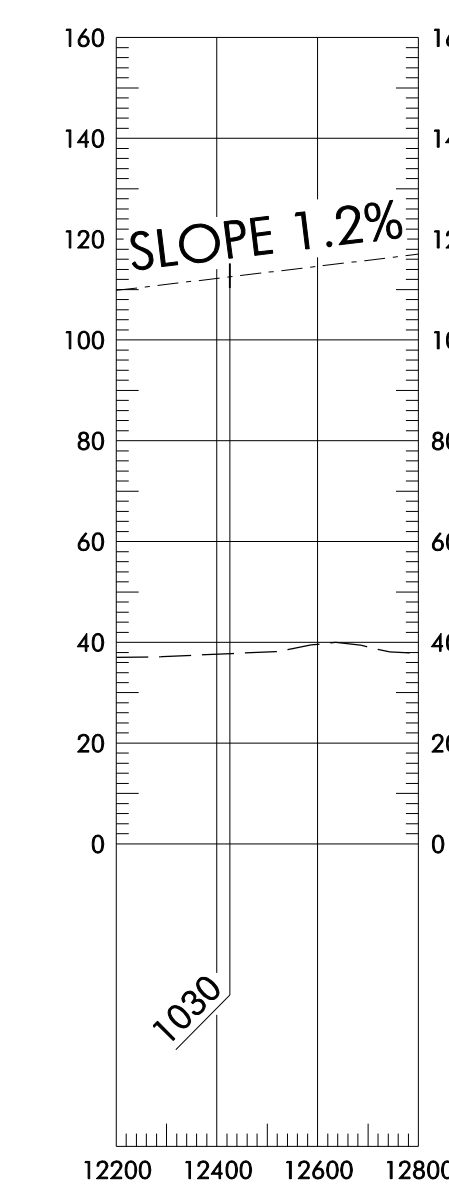
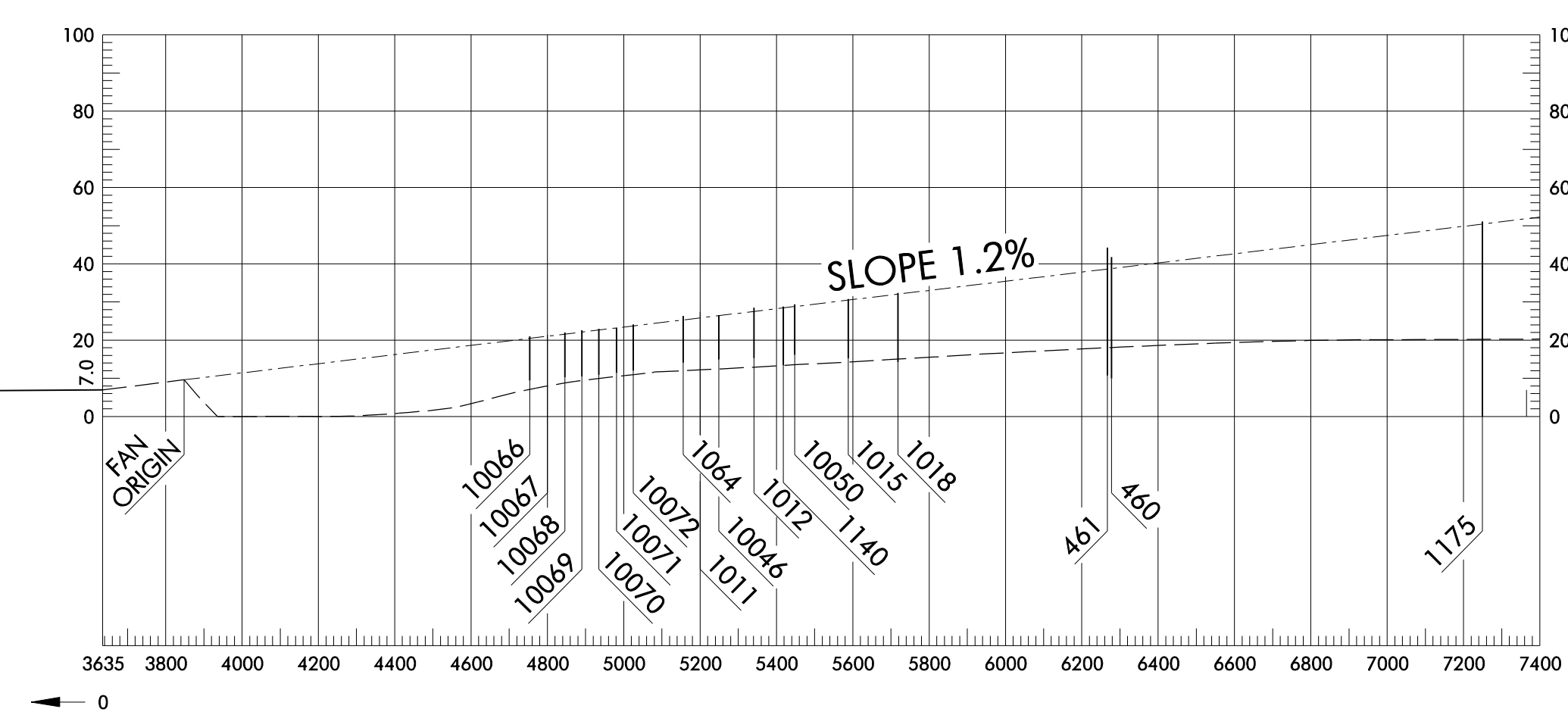
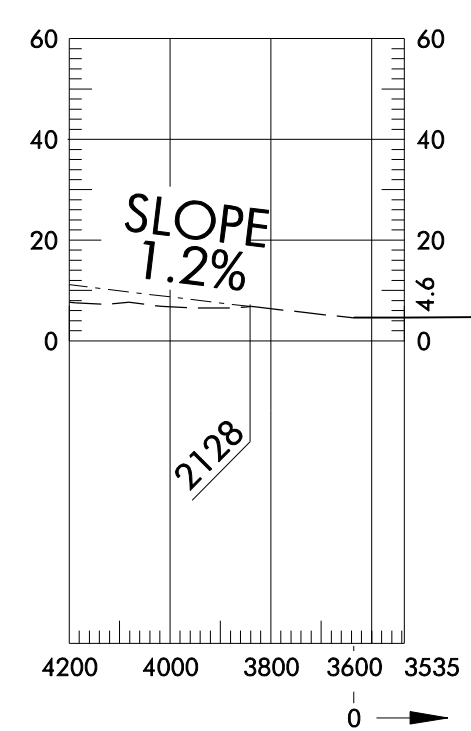
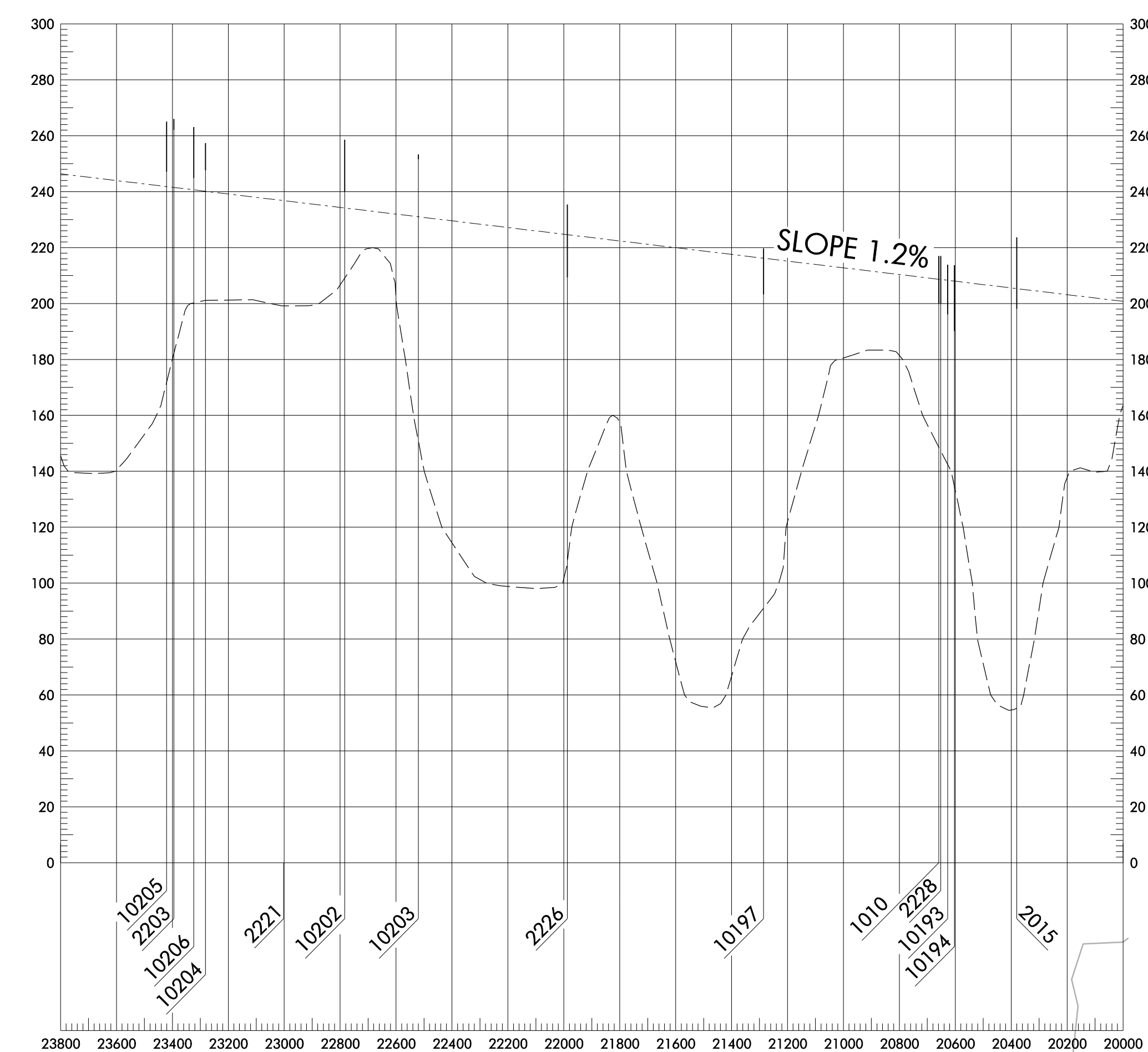


AUCKLAND INTERNATIONAL AIRPORT, NEW ZEALAND

RUNWAY 05R - 23L

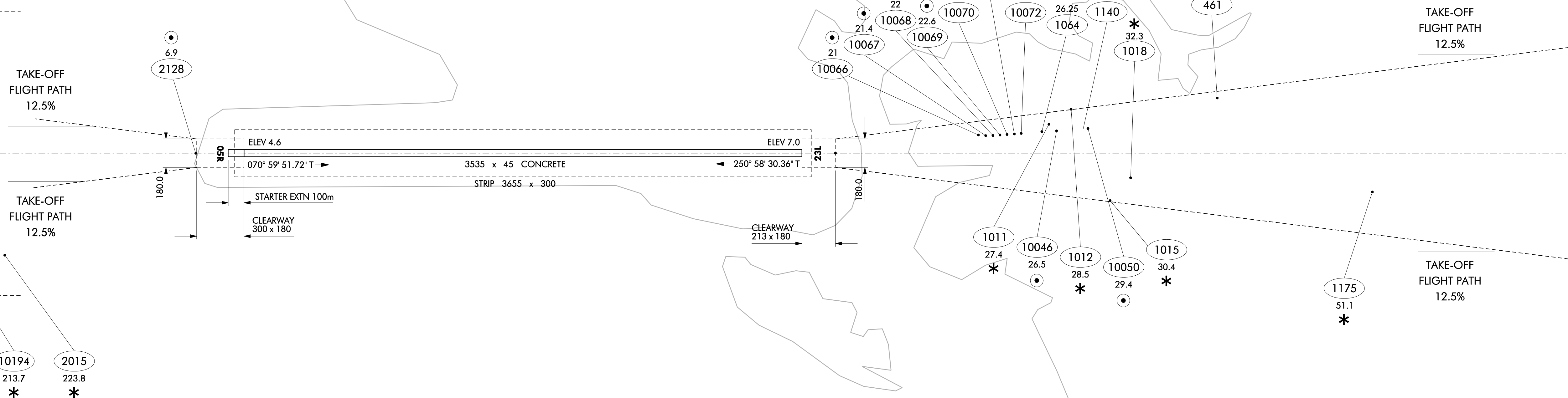
DECLARED DISTANCES

RWY 05R		RWY 23L
3635	TAKE-OFF RUN AVAILABLE	3535
3848	TAKE-OFF DISTANCE AVAILABLE	3835
3635	ACCELERATE STOP DISTANCE AVAILABLE	3535
3292	LANDING DISTANCE AVAILABLE	3292



- * 265 10205
- 257.4 10204
- 249 2221
- * 258.3 10202
- 253.3 10203

- 2203 266 *
- 10206 263 *
- 2226 234.7 *
- 10197 219.7 *
- 1010 216.9 *
- 2228 217 *
- 10193 213.9 *
- 10194 213.7 *
- 2015 223.8 *



- * 237.3 1112
- 254.8 1046
- 1030 115.2
- 270 255.06 *
- 10159 243.9 *
- 596 243.53

LEGEND	
OBSTRUCTION TYPE (refer below)	
TOP ELEVATION (metres) AMSL	*
IDENTIFICATION NUMBER	4444
TREE(S)	*
BUILDING	■
POLE, TOWER, ANTENNA etc	●
APPROX TERRAIN CONTOUR (on centreline)	—
OTHER OBSTRUCTION (ground, etc)	○

AMENDMENT RECORD		
No	DATE	ENTERED BY
9	01/10/07	Jackie Workman
10	15/04/12	Vladimir Stanar

- NOTES
- The obstacle numbers are intentionally NOT consecutive but relate to original survey numbers
 - Accuracy within ICAO specifications
 - Tree heights as at November 2010
 - Tree growth rate 1m per year
 - The origin of the 1.2% surface is at the end of clearway

