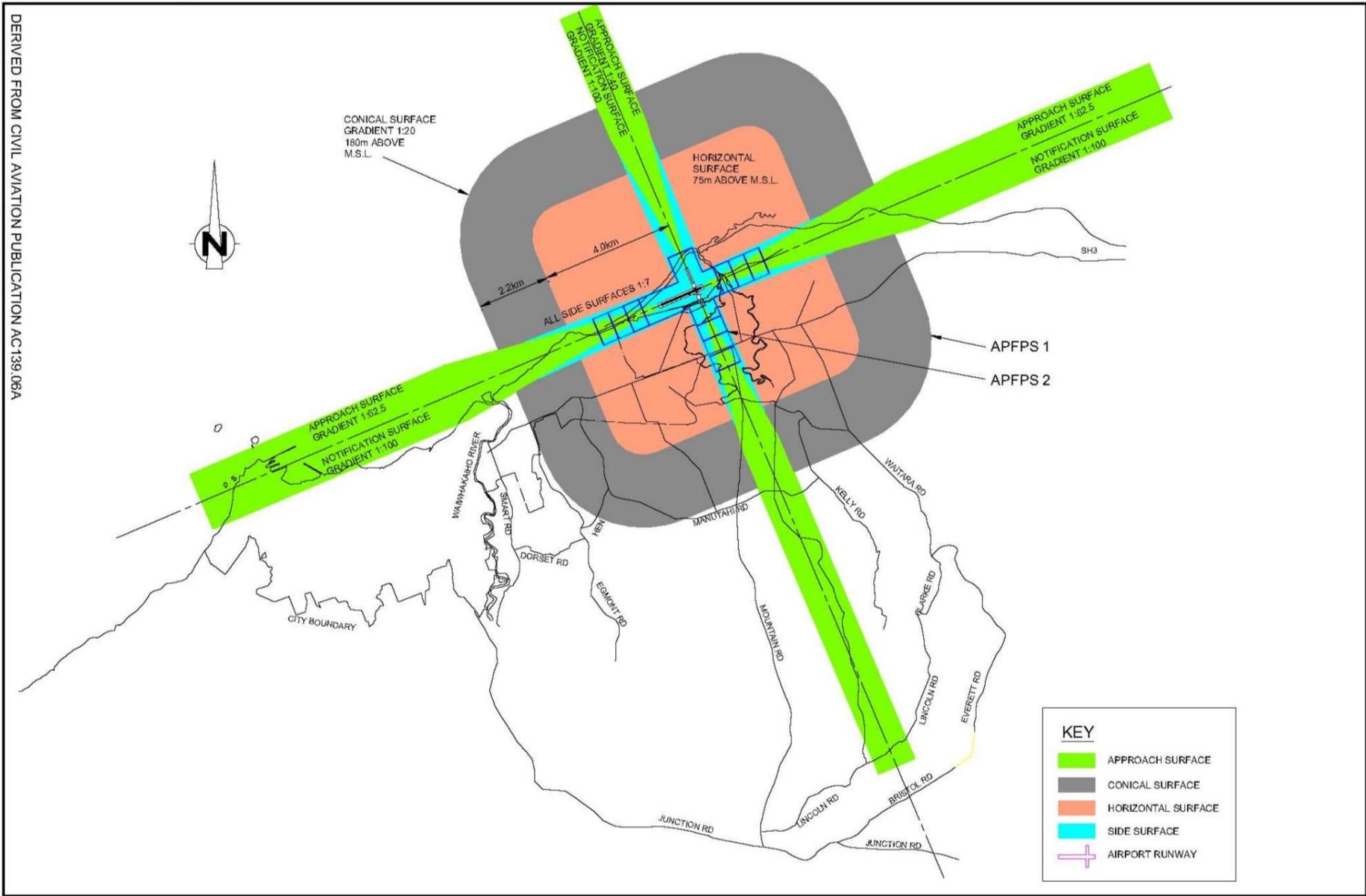


Appendix 3 –Airport flight path protection surfaces

The flight path protection surfaces are given effect through Policy 6.

DRAFT NO LEGAL EFFECT



SIDE SURFACE: These provide a clear area either side of the runway strip in the event of a missed or misaligned approach to land. (Should not be penetrated)

CONICAL SURFACE: Protects aircraft manoeuvring in the aerodrome circuit area. (Should not be penetrated)

HORIZONTAL SURFACE: Protects aircraft manoeuvring in the aerodrome circuit area. (Should not be penetrated)

NOTIFICATION SURFACE : A surface which requires objects penetrating it to be notified to the director of Civil Aviation who may require it to be marked or lit. Applies to all approaches to the runway. This is a requirement of Civil Aviation Rule Pt77, Civil Aviation Act 1990.

APPROACH SURFACE: There are two fans, one for approach and another for take-off. The gradients are generally not the same for take-off and approach. For simplicity only one generalised fan is shown here. (Note that the worst or critical case is the one protected in this District Plan.) These fans provide a clear take-off and approach path, particularly in the event of an engine failure on take-off when the rate of climb is limited and may not be penetrated.

