



Defence Infrastructure Organisation

ADDRESS

Technical Services, Engineering & Construction, Electrical Infrastructure
Defence Infrastructure Organisation
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PROJECT

AGL Design Guide
Typical Drawings

NOTES

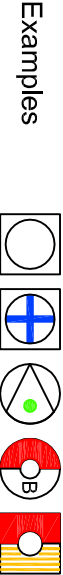
Regulation RA 3515 (16) applies

KEY

- Inset Uni-Directional
- Inset Bi-Directional
- Inset Bi-Directional Curved
- Inset Uni-Directional
- Inset Uni-Directional

The visible colours from the light fixture shall be:

- White (or Clean) - None
- Red - Solid
- Blue - A Cross
- Green - Small Circular Solid Disc
- Yellow - Stripes
- Blank - Letter B.



ISSUE/REVISION

0	25 Sep 20 Issue 0
IR	DATE DESCRIPTION

SHEET TITLE

Taxiway Centreline Lights
Spacing & Configuration

SHEET NUMBER

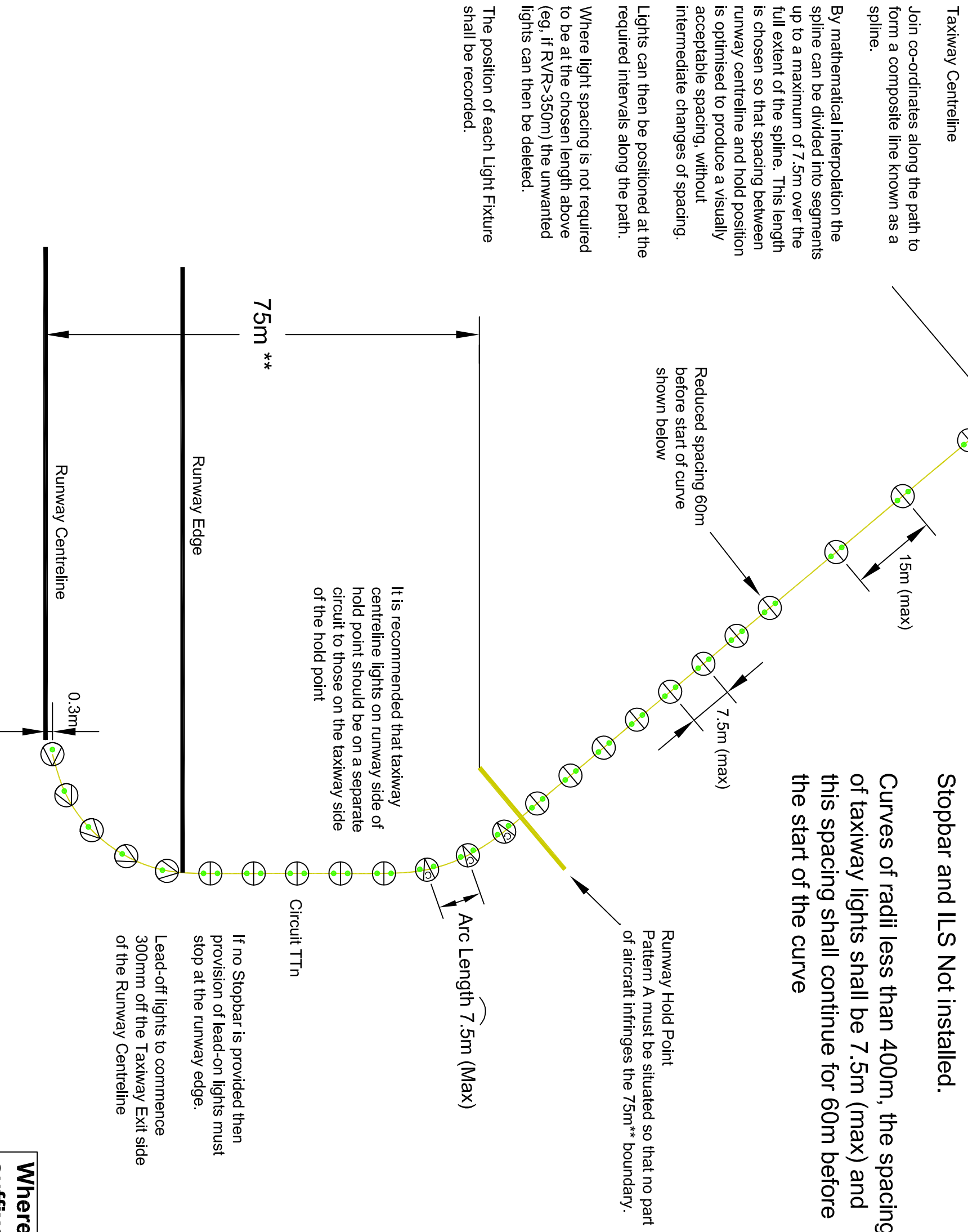
DIO-VA-010

Detail A

Taxiway used for access to runway in RVR operations below 350m.

Stopbar and ILS Not installed.

Curves of radii less than 400m, the spacing of taxiway lights shall be 7.5m (max) and this spacing shall continue for 60m before the start of the curve

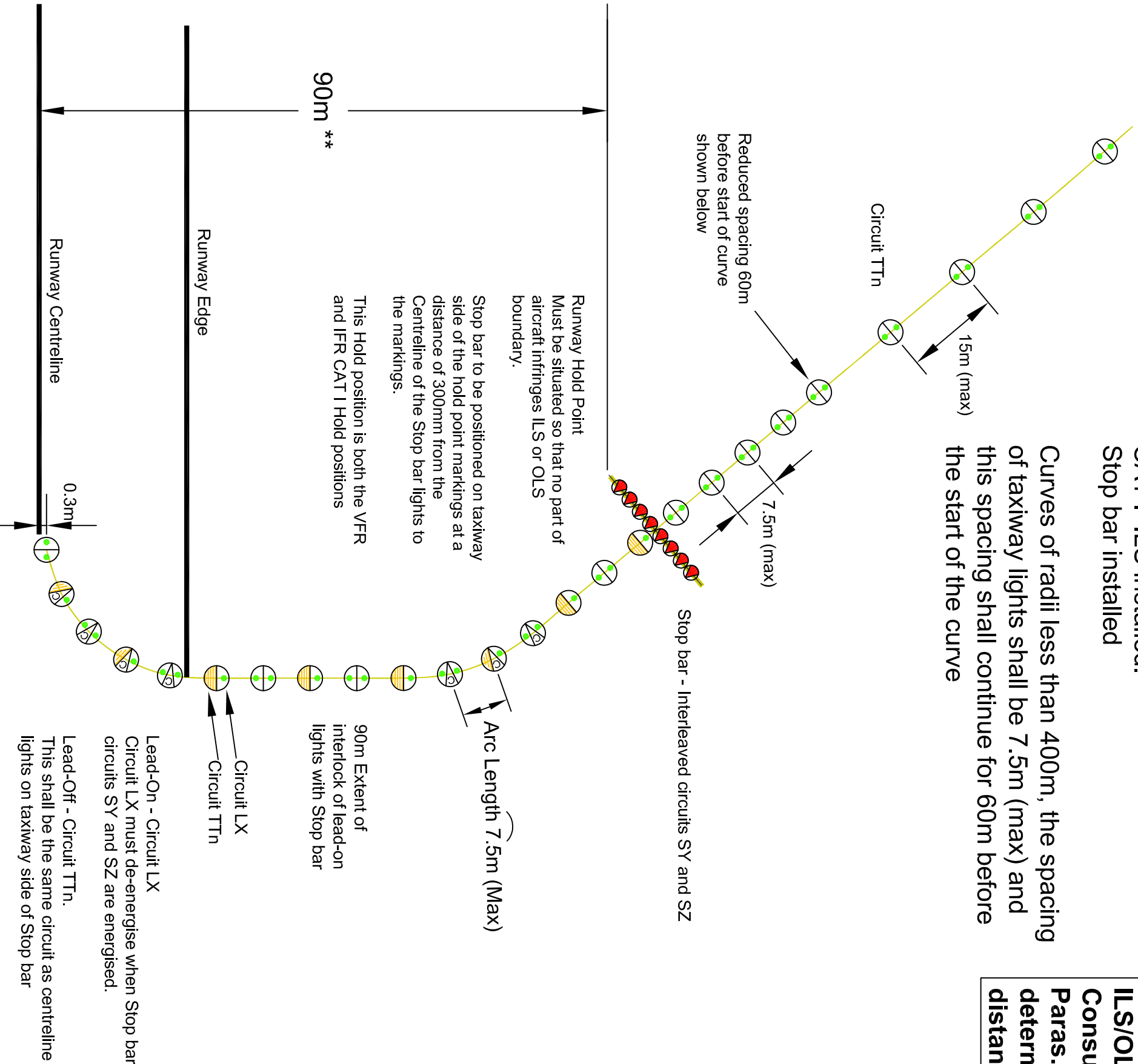


Detail C

Taxiway used for access to Runway in RVR operations below 350m.
CAT I ILS installed.
Stop bar installed

Curves of radii less than 400m, the spacing of taxiway lights shall be 7.5m (max) and this spacing shall continue for 60m before the start of the curve

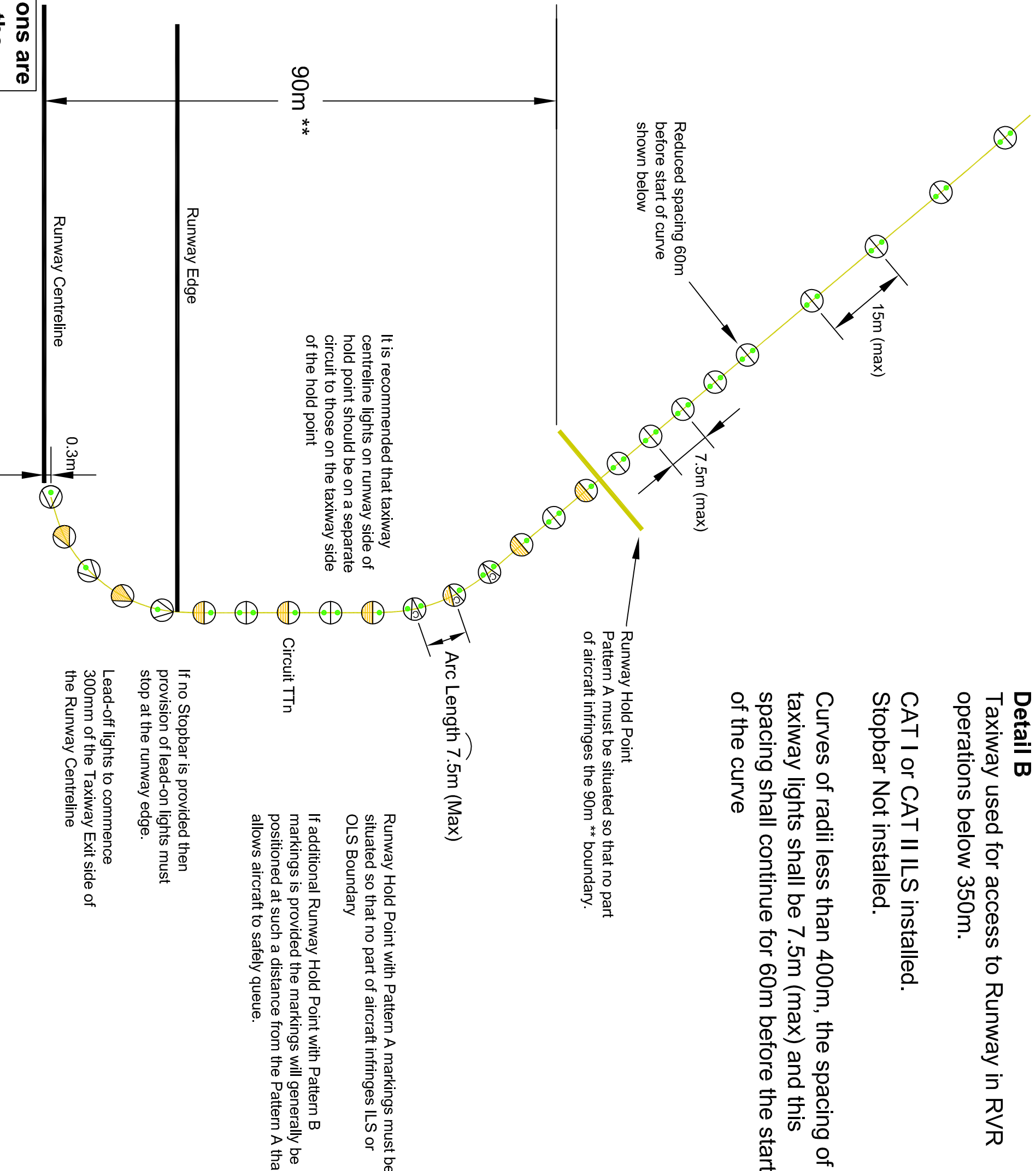
Where Dimensions are suffixed with **, the actual distances vary according to Runway Code, ground heights and position of ILS/OLS boundaries. Consult RA 3511(6) Paras. 144 and 145 to determine the exact distances



Detail B

Taxiway used for access to Runway in RVR operations below 350m.
CAT I or CAT II ILS installed.
Stopbar Not installed.

Curves of radii less than 400m, the spacing of taxiway lights shall be 7.5m (max) and this spacing shall continue for 60m before the start of the curve



Detail D

Taxiway used for access to Runway in RVR operations below 350m.
Stop bar and CAT II ILS installed.

Curves of radii less than 400m, the spacing of taxiway lights shall be 7.5m (max) and this spacing shall continue for 60m before the start of the curve

- Stop bar Options
- Stop bar at the VFR position
 - Stop bar at the CAT I position
 - Stop bar at the CAT II position (ICAO states 107.5m)

Generally all three Stop bar positions will be located at the same minimum hold distance from the runway centreline. However, in discussion with the client one, two or three may be separately provided.

Taxiway Centreline Colour coding to continue to the Hold nearest to the Runway, with the final yellow light positioned at the perimeter of the ILS critical/sensitive area or the lower edge of the inner transitional surface, whichever is the furthest from the runway. If additional ILS Holds are provided, then the colour coding shall continue to those Hold positions. Colour coding shall not extend to additional Holds where these are provided only for traffic management purpose (queuing)

