



# Defence Infrastructure Organisation

## ADDRESS

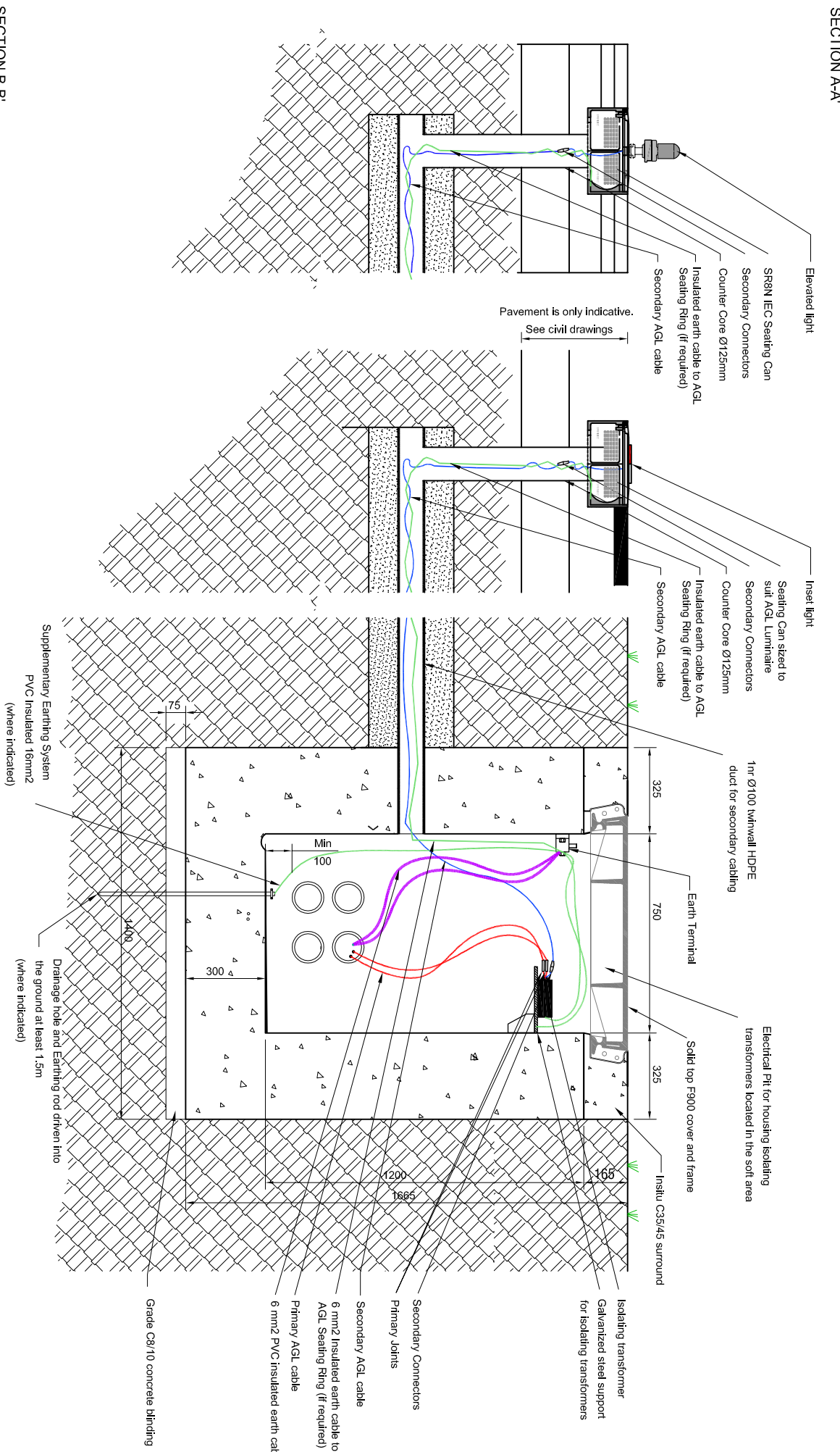
Technical Services, Engineering & Construction, Electrical Infrastructure  
Defence Infrastructure Organisation  
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## PROJECT

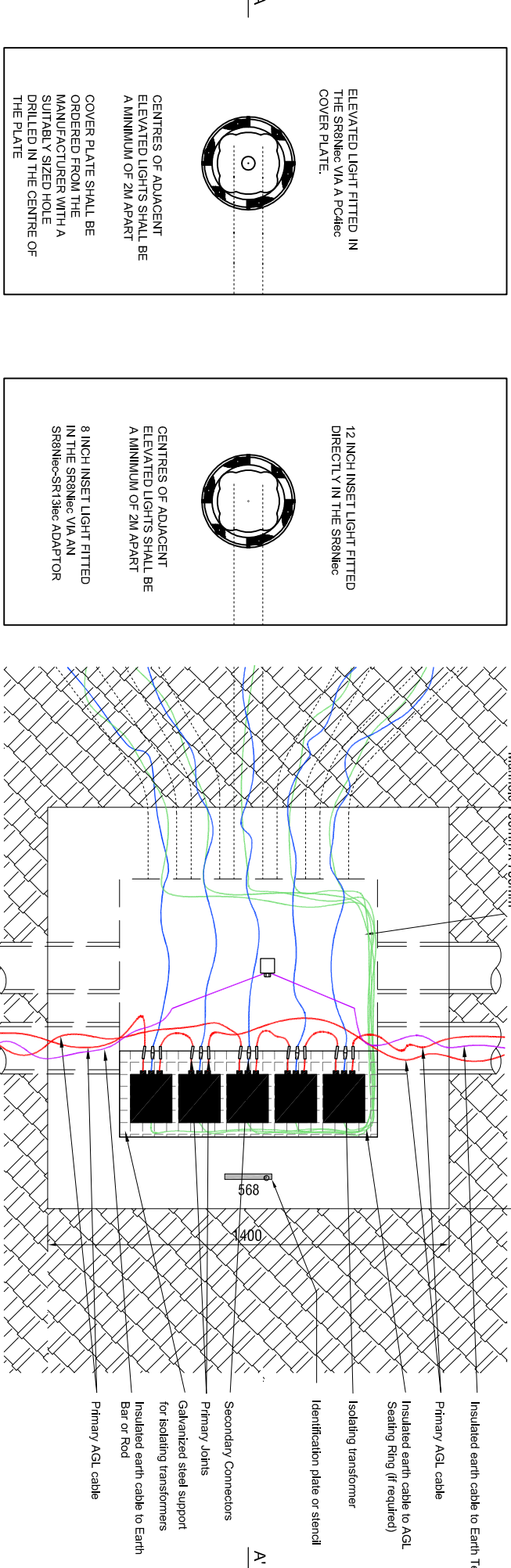
AGL Design Guide  
Typical Drawings

## NOTES

### SECTION A-A'

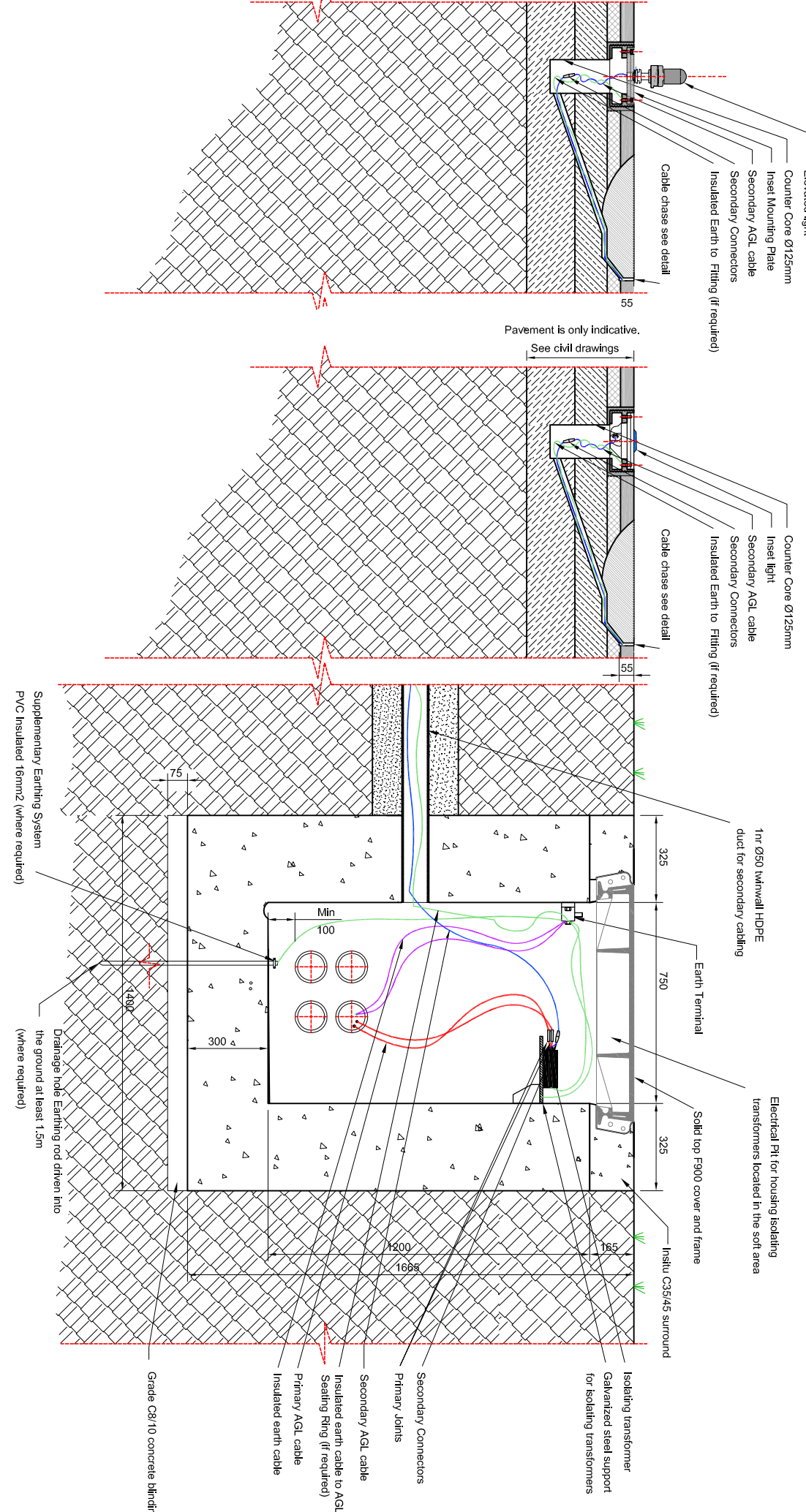


### SECTION B-B'

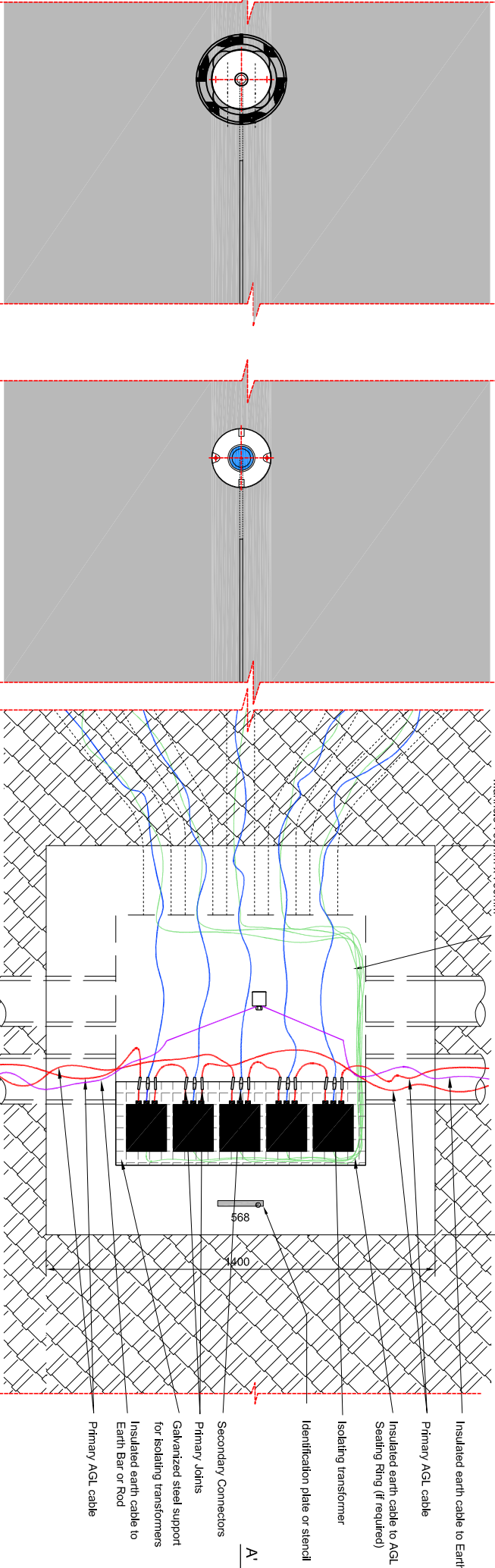


DETAIL OF INSET AND ELEVATED LIGHT FED VIA DUCTS

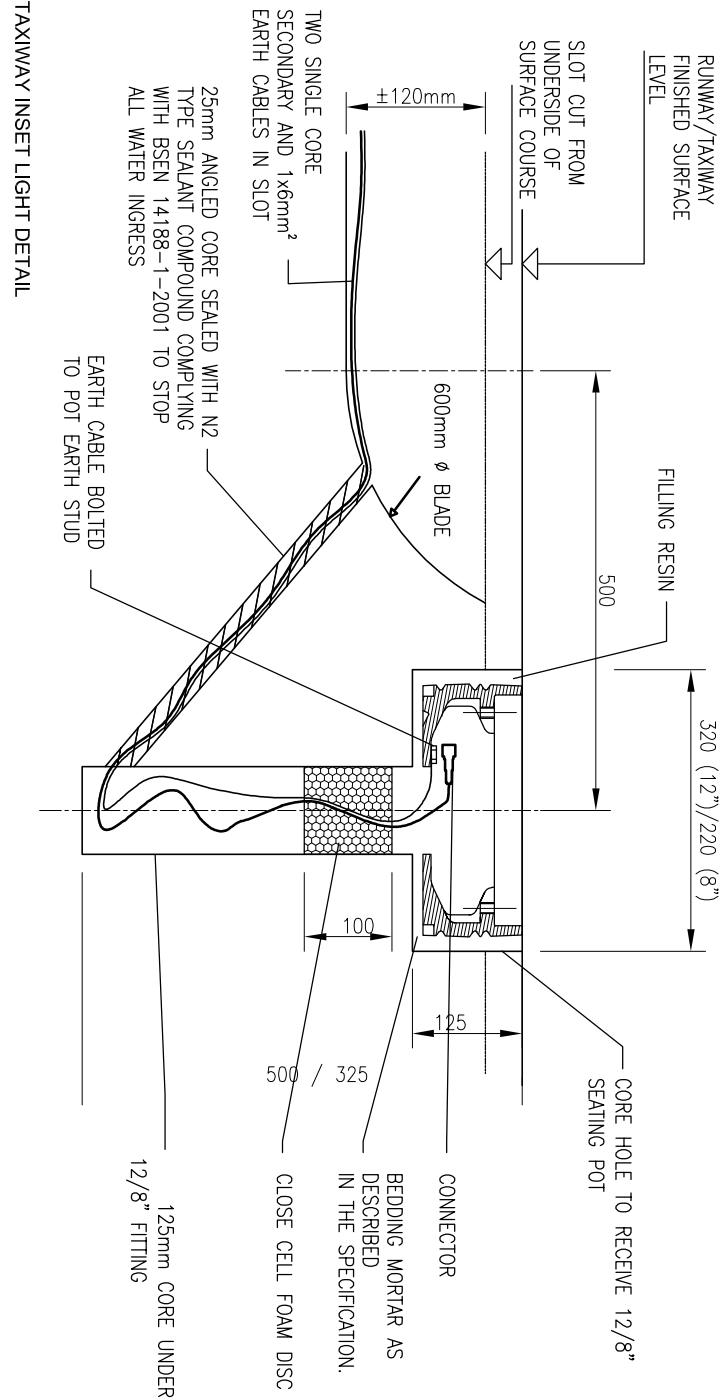
### SECTION A-A'



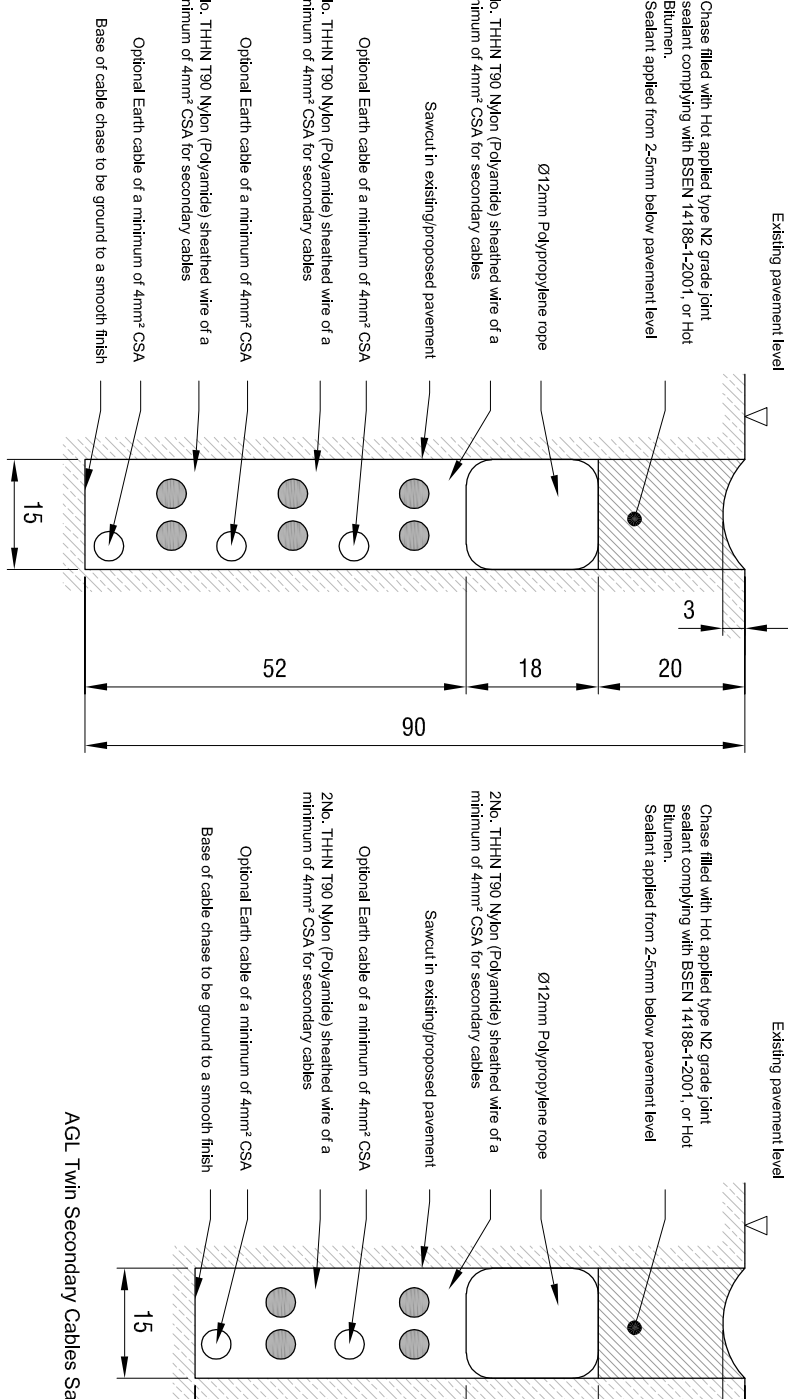
### SECTION B-B'



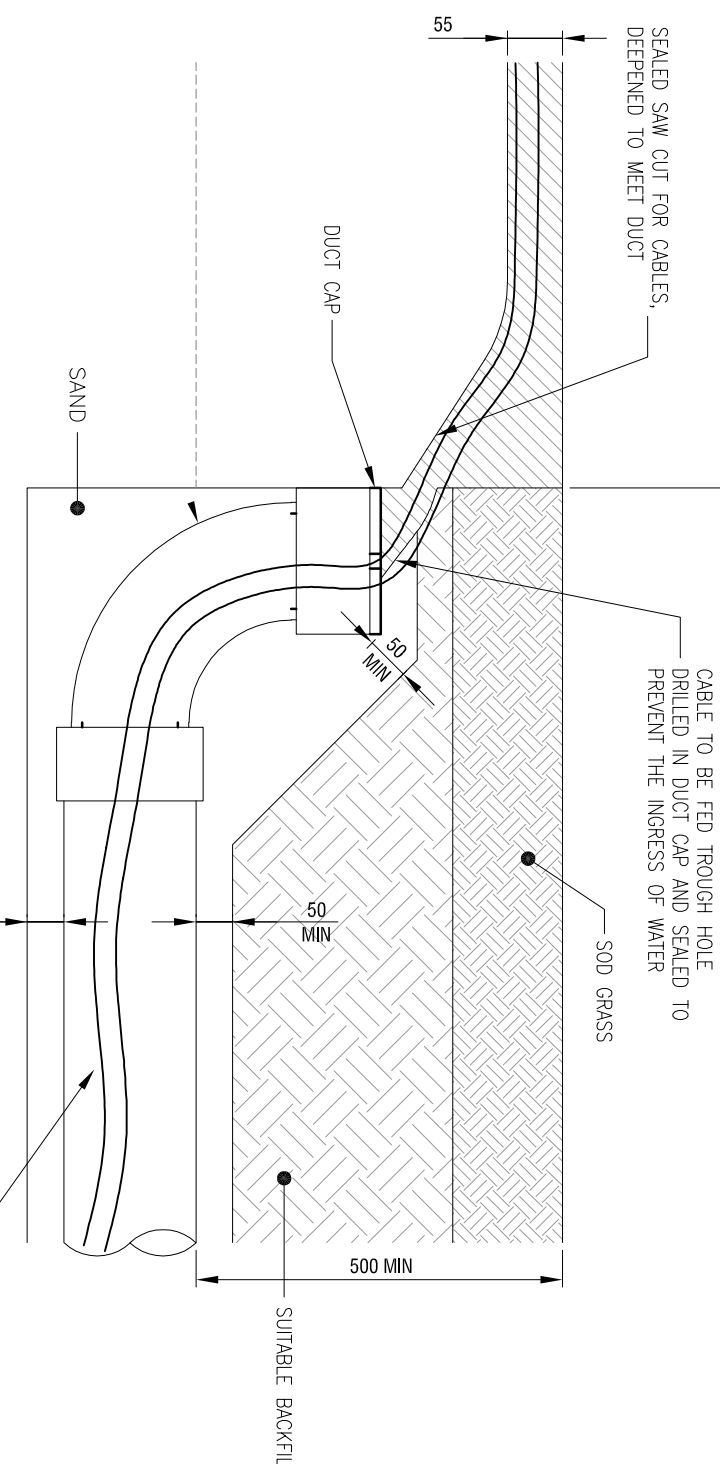
DETAIL OF INSET AND ELEVATED LIGHT FED VIA SAN CUT



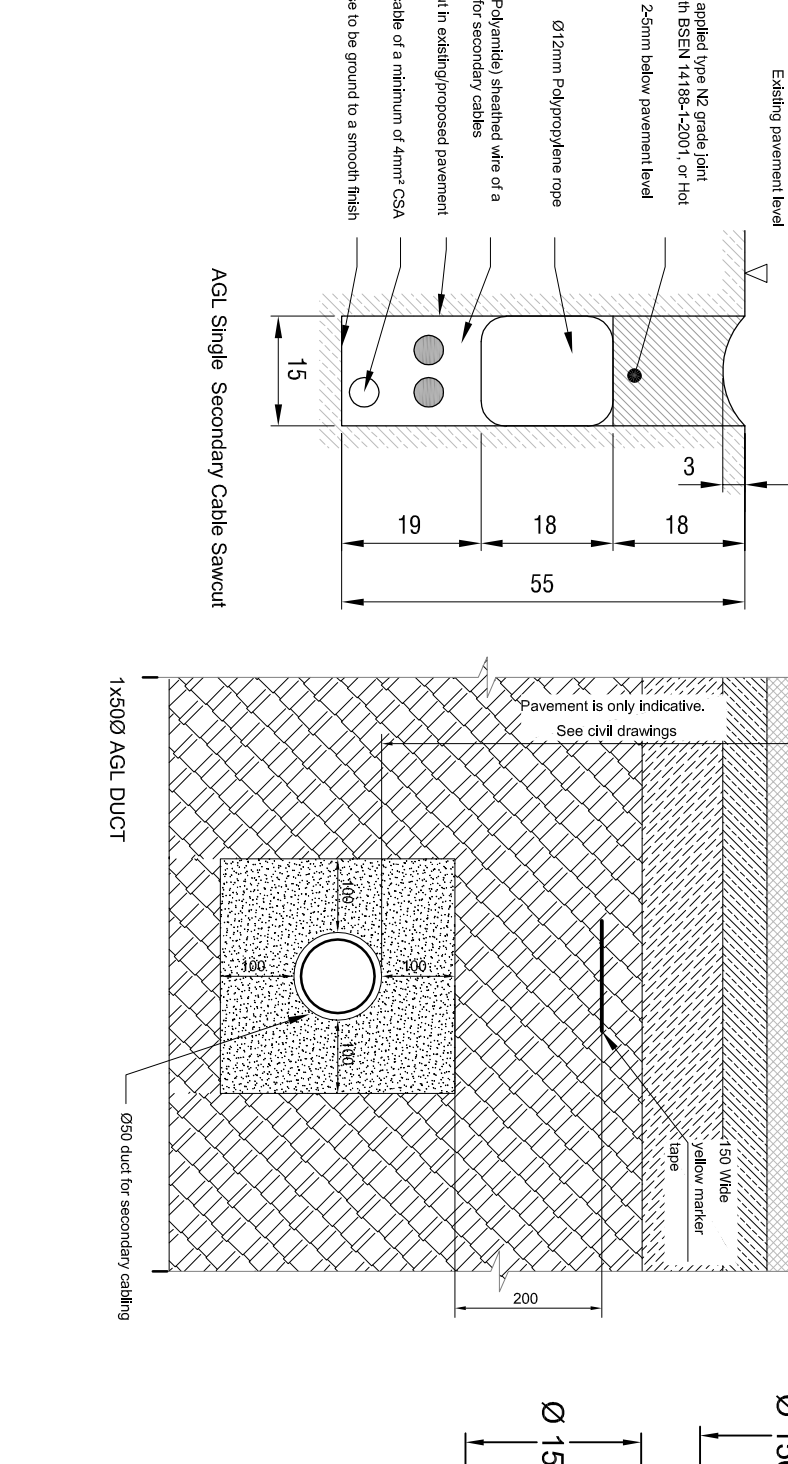
TAXIWAY INSET LIGHT DETAIL



AGL Twin Secondary Cables Standard

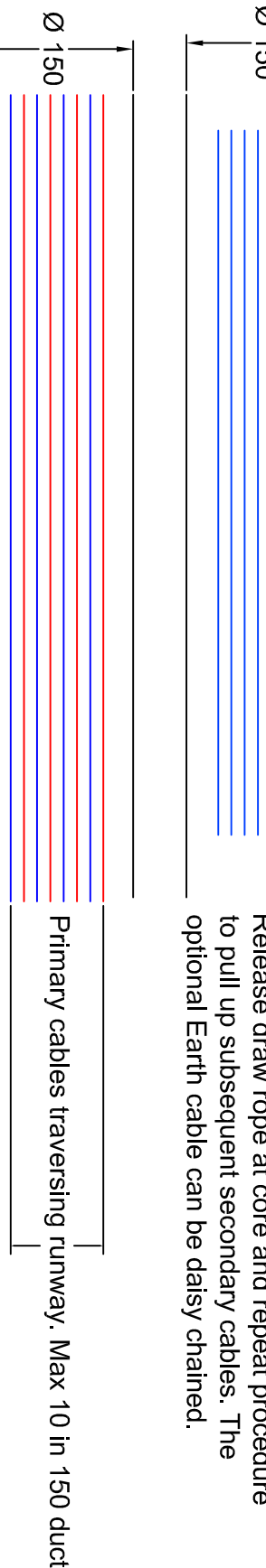


INTERFACE OF CHASED CABLE IN PAVEMENT WITH 14050 AGL DUCT IN SOFT



AGL Single Secondary Cables Standard

H07RN-F twin core secondary cables from SCT in pit at edge of runway. Lay in extra long draw rope and pull up into each core. At core nearest to pit, use draw rope to pull in first secondary cable. Release draw rope at core and repeat procedure to pull up subsequent secondary cables. The optional Earth cable can be daisy chained.



Inset Threshold or Runway End light  
Upper Core Ø350mm for SR8Nlec ring  
Lower Core Ø150mm

Recommend installation of 2 x 2 Ø150 ducts across Threshold. Upper ducts to carry half the secondary cables from each pit at side of Threshold. Lower ducts to carry primary cables.

INSET (OPTIONAL ELEVATED) THRESHOLD OR RUNWAY END LIGHT  
INSTALLED ON DUCT BELOW PAVEMENT

## ISSUE/REVISION

0	25 Aug 20	Issue 0
I/R	DATE	DESCRIPTION

## SHEET TITLE

AGL Ducting System  
Typical Details

## SHEET NUMBER

DIO-VA-011