**Alert Number: GI13_21**                                        **15 June 2021**
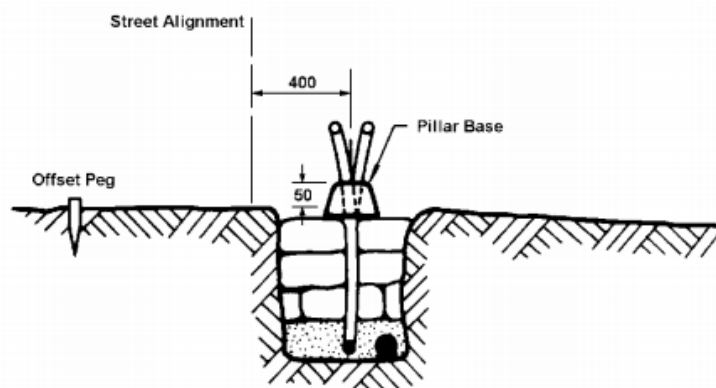
## Subject: Installation & labelling requirements for network pillars

Dear ASP1's

This GI notices outlines the requirements when installing and labelling low voltage pillars on Ausgrid's network.

### Installation of pillar bases – NS130 Cl 12.1

The pillar base is installed in the footpath, square to the kerb, with the centre of the top opening 400mm in front of the street alignment, and normally in a direct line with the extension of the Lot Boundary line. For link pillars (ie single and double) the short edge of the pillar base shall be installed parallel to the building line and for all other pillars (ie solid pillars, service pillars) the long side of the pillar base shall be installed parallel to the building line.



### Contrast against Surrounding Surfaces – NS127 Cl 3.11.3

Where pillars that have been identified to be a trip hazard for visually impaired pedestrians at night, a white reflective tape 50mm wide (Stockcode 56564) shall be installed 100mm from the top of the turret. This white reflective tape shall cover the entire circumference of the turret and is to be cut into four individual lengths to match the four sides of the turret such that it sits flat on the turret surface.

### Identification labels (asset numbers) – NS148 Cl 8.4

Identification labels for pillars shall be 25mm slide-in aluminium embossed black on silver character labels and holders . These shall be fixed to Ausgrid pillar housings using double-sided acrylic foam tape. The double-sided acrylic foam tape must be used with 3M Tape Primer 94 (Adhesion Promoter) when attaching character holders to polypropylene pillars.

Refer to NS148 Annexure A for relevant stock codes.

https://www.ausgrid.com.au/-/media/Documents/Technical-Documentation/NS/NS148.pdf

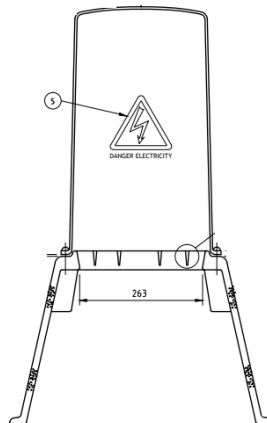## Pillar identification label installation procedure

1. Using a file, round off the identification labels corners to remove any sharp points.

2. Clean the area on the pillar, and back of the character holder, using Isopropyl Alcohol and a clean cloth. The cleaner shall be sprayed onto the area of the pillar or holder to be cleaned, and a clean face of cloth used to wipe across the area sprayed. It must be wiped ONCE ONLY and in one direction.

3. Turn the cloth to expose a new clean face, or use a new cloth, and wipe once more in the same direction as previously wiped. Repeat this step if necessary, depending on how much cleaning liquid remains on the surface. It may be necessary to respray the area and repeat the wiping procedure if the surface is particularly dirty.

4. When the pillar area is completely dry, apply 3M Tape Primer 94 to the area of the pillar where the character holder is to be fixed.

5. Wait five minutes for the primer to dry. 6. Cut off two 150mm long strips of adhesive tape and stick to the upper and lower long edges of the back of the character holder.

6. After the primer has dried, peel the backing paper from the foam tape and place the character holder against the pillar and press firmly and evenly along the upper and lower edges of the holder.
**Note**: Care should be exercised when placing the character holder because once stuck, it will be very difficult to remove.

7. If it is necessary to remove and reapply the character holder, it can be forcibly peeled off, but the area will need to be cleaned and re-primed

It is recommended that clean nitrile gloves are worn when installing pillar Identification labels to prevent skin contact with the primer and isopropyl alcohol, as well as prevent contamination of the adhesive tape.

Pillar identification labels are routinely checked when conduction 3-year warranty inspections. Any pillar identification number found to be missing may result in a non-conformance being issued.

## Danger electricity stickers – DWG 63185

Yellow triangular "DANGER ELECTRICITY" self-adhesive labels are to be placed on both long sides of the pillar turret.



**Ausgrid**

**Network Compliance & Authorisations**