

Car Park Floodlighting Local to Overhead Electric Power Lines

Project Description

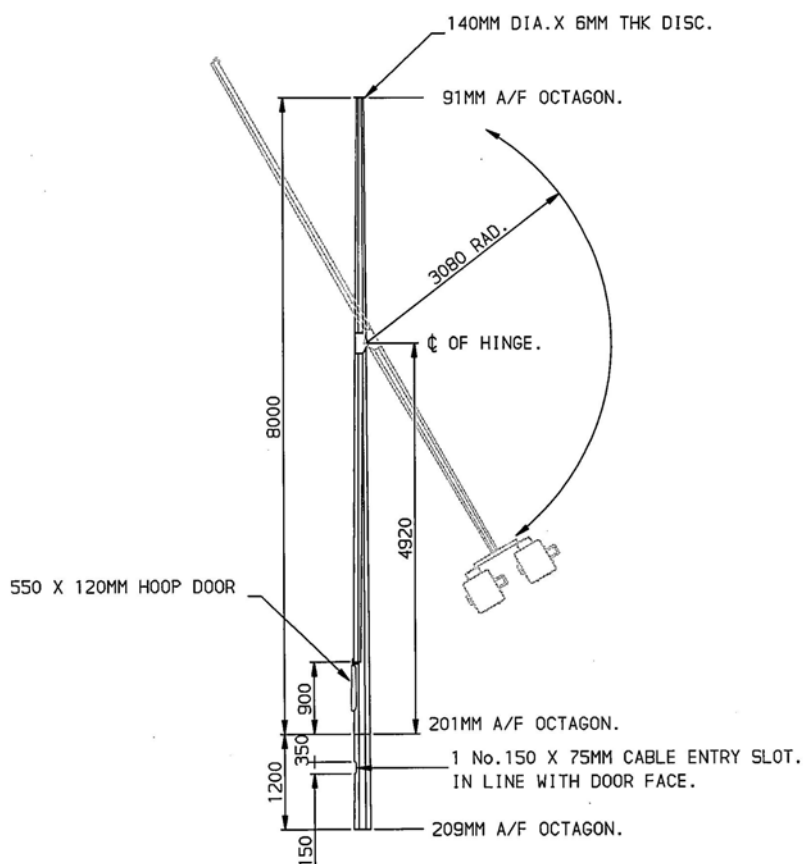
The project was the floodlighting of a car park that had overhead electric power lines installed across the site.

A risk assessment was carried out to prevent or reduce hazards for the installation of the columns and it was decided to utilise raising and lowering columns, due to the closeness of the columns to the overhead power lines, and also to assist during lamp change and maintenance.

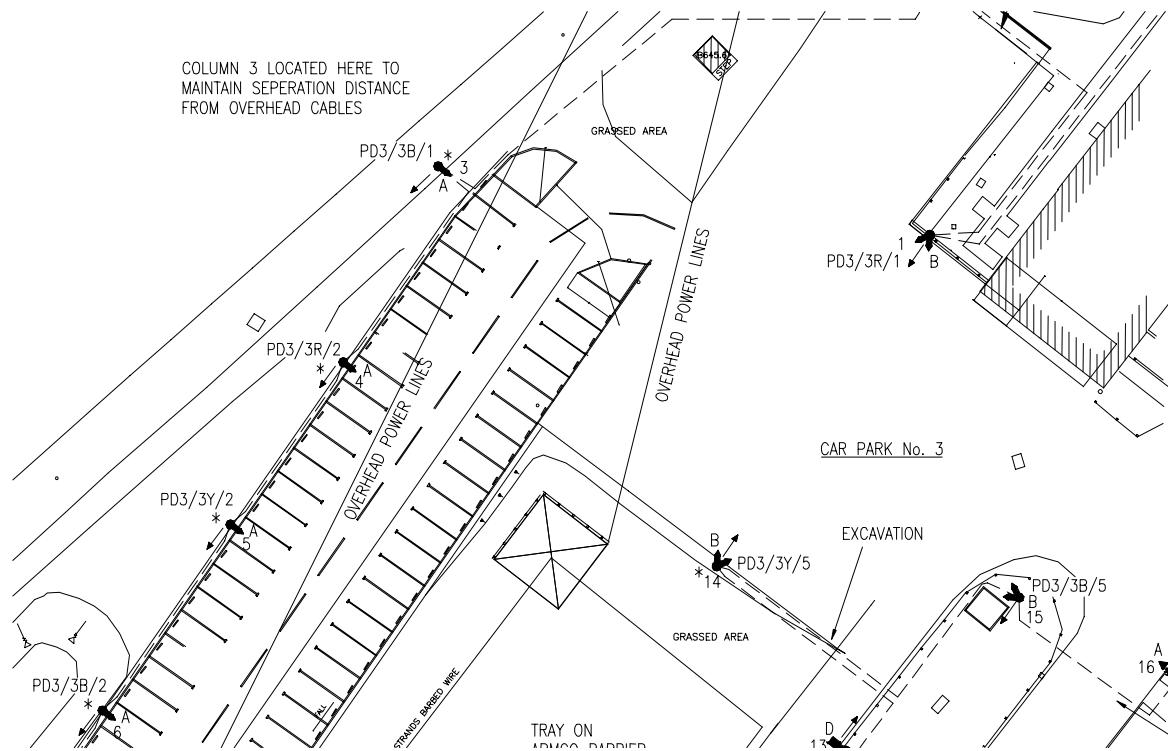
Within the design the contractor's attention was drawn to the Health and Safety Guide - HSE GS6 – Avoidance of Danger from Overhead Electric Power Lines.

A requirement within the design was that the contractor included a method statement for safe lamp change and maintenance to be included within the operating and maintenance manual, and that labels warning of overhead power lines were installed on the columns.

General Arrangement of Raising and Lowering Lighting Column



Part Drawing Showing Location of Overhead Power Lines in Relation to Car Park



This advantages of using raising and lowering columns are: -

- Demonstrates risk awareness and management due to the presence of overhead power lines
- Safe lamp change and maintenance at ground level.
- No obstruction of existing roadways and walkways during maintenance.

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