



Street Lighting Legend

- Proposed 1x 100mm diameter orange HA duct.
- Existing WPD pole & LV overhead line to remain unaltered.
- Existing WPD pole & LV overhead line to be relocated. (Subject to a separate application to WPD.)
- Proposed WPD 1x 50mm black electricity duct.
- Proposed WPD 1x 150mm black electricity duct.
- WPD joint pit as per CC standard drawing 12/125 diagram JT1.
- Proposed 2x 100mm diameter orange HA ducts. (For possible future signal cable network.)
- Proposed 3x 100mm diameter orange HA ducts. (For possible future signal cable network.)
- Proposed new 6m mid-hinged tubular steel column with new post top mounted DW Windsor Kirium Mini KM2 NW RD 4000K lantern with neutral white LED light source driven at 500mA. Lantern to be finished light grey. [x2 no. - SL001 to SL002]
SL001 to be in same location as relocated street lighting column K001. SSE to transfer existing electrical supply.
SL002 to be in same location as relocated street lighting column K002. SSE to transfer existing electrical supply.
To be fitted with a secondary double pole 1 way isolator.
To be controlled by a WIMAC enabled driver and fitted with a Zodion ballast node, compatible with CC's Zodion CMS.
- Existing 8m tubular steel column to be relocated. Remove existing CPO lantern and bracket & return to stores. Replace with new post top mounted Thorn R2L2 RM84L50WS 4000K MEDIUM lantern with wide street optic & neutral white 84xLED light source driven at 500mA. Lantern to be finished light grey. [x3 no. - K002, K006 & K010]
New DNO supply required. (Relocation more than 3m.)
K002 & K010 to be fitted with a secondary double pole 1 way isolator.
K006 to be fitted with a secondary double pole 2 way isolator.
All to be controlled by a WIMAC enabled driver and fitted with a Zodion ballast node, compatible with CC's Zodion CMS.
- Existing 8m tubular steel column to remain in situ. Remove existing CPO lantern and bracket & return to stores. Replace with new post top mounted Thorn R2L2 RM60L50RC 4000K MEDIUM lantern with wide street optic & neutral white 84xLED light source driven at 500mA. Lantern to be finished light grey. [x1 no. - K012]
To be controlled by a WIMAC enabled driver and fitted with a Zodion ballast node, compatible with CC's Zodion CMS.
- Existing 8m tubular steel column to be relocated. Remove existing CPO lantern and bracket & return to stores. Replace with new post top mounted Thorn R2L2 RM60L50RC 4000K MEDIUM lantern with road comfort optic & neutral white 60xLED light source driven at 500mA. Lantern to be finished light grey. [x1 no. - K001]
New DNO supply required. (Relocation more than 3m.)
To be fitted with a secondary double pole 1 way isolator.
To be controlled by a WIMAC enabled driver and fitted with a Zodion ballast node, compatible with CC's Zodion CMS.
- Existing 8m tubular steel column to remain in situ. Remove existing CPO lantern and bracket & return to stores. Replace with new post top mounted Thorn R2L2 RM60L50RC 4000K MEDIUM lantern with road comfort optic & neutral white 60xLED light source driven at 500mA. Lantern to be finished light grey. [x3 no. - K007, K011 & K013]
To be controlled by a WIMAC enabled driver and fitted with a Zodion ballast node, compatible with CC's Zodion CMS.
- Proposed prefabricated modular type duct access chamber 600mm x 600mm x 950mm deep with steel frame and 121 composite lid. (For possible future signal cable network.)
- Proposed prefabricated modular type duct access chamber 450mm x 450mm x 650mm deep with steel frame and 121 composite lid. (For possible future signal cable network.)

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- NOTES:**
- All dimensions are in metres unless otherwise stated.
 - Do not scale from this drawing.
 - The contractor/developer shall be responsible for checking with WPD that all necessary clearances to existing overhead lines are met both during erection and for the final position of the column. Refer to WPD Standard Technique document OS6C/2.
 - Refer to the WPD plan & quotation for details of the proposed points-of-connection and associated cable & duct routes.
 - Western Power Distribution** (new WPD supplies)
WPD ref: xxxxxxxx/xxxxxx/x SSE ref: xxxxx
(Subject to a revised application to WPD.)

HEALTH AND SAFETY INFORMATION

- SIGNIFICANT OR EXCEPTIONAL RISKS ARE IDENTIFIED BELOW
- CONSTRUCTION PHASE
- PLEASE REFER TO THE HAZARD RISK REGISTER AND THE WORKS INFORMATION FOR DETAILS OF THE RISKS ASSOCIATED WITH THIS WORK.
 - IN PREPARATION OF CONSTRUCTION METHOD STATEMENTS CONSIDERATION SHOULD BE GIVEN TO THE CLOSE PROXIMITY OF ANY STRUCTURES THAT MAY BE AFFECTED BY CONSTRUCTION.
 - RESIDUAL HAZARDS ARE LISTED HERE AND REFERENCED ON THE CONSTRAINTS PLAN 70020998-0103.
 - POTENTIAL ASBESTOS BURIED IN THIS LOCATION.
 - STATUTORY UNDERTAKERS OVERHEAD AND UNDERGROUND PLANT IN THE AREA.
 - WORKING NEAR LIVE TRAFFIC.
 - CLOSE PROXIMITY TO STEEP CUTTING SLOPE.
 - CLOSE PROXIMITY TO RAILWAY LINE.
 - BENCHED QUARRY WITH STEEP FACES.
 - PETROL FUELING STATION ADJACENT TO SITE
 - THE CONTRACTOR SHALL REFER TO STATUTORY UNDERTAKERS LAYOUT DRAWINGS AND IDENTIFY LOCATIONS OF EXISTING UNDERGROUND SERVICES PRIOR TO CARRYING OUT EXCAVATION WORKS.

REV	DATE	NATURE OF REVISION
A	10/08/16	RSA2 ISSUE
-	27/07/16	FIRST ISSUE



PROJECT:
T5134-001
TRELUSWELL
DETAILED DESIGN
DRAWING TITLE:
STREET LIGHTING LAYOUT

SHEET 1 OF 1

SCALE:
1:500 @ A1

PROJECT MANAGER: CB	DRAWN BY: TP
CHECKED: TP	10/08/16
APPROVED: CB	10/08/16
DRAWING NO: 70020998-1301	REVISION: A