

DRAWING NOTES:

1. DUCTING SHALL COMPLY WITH BSEN 50086-1-2-3-4 LATEST EDITION & SHALL BE SINGLE WALL, COLOURED RED & MANUFACTURED FROM HIGH DENSITY POLYETHYLENE. THE NOMINAL EXTERNAL DIAMETER OF THE DUCT SHALL BE 107mm WITH A MINIMAL WALL THICKNESS OF 5mm. EACH LENGTH OF DUCT SHALL BE STAMPED WITH THE WORDS "PUBLIC LIGHTING", OR ALTERNATIVELY, "STREET LIGHTING", IN 18mm BLACK LETTERING AT 0 DEGREES, AT ONE METRE INTERVALS. DUCT SHALL BE LAID WITH THIS LEGEND FACING UPWARDS. DUCT SHALL BE LAID IN A STRAIGHT LINE CLOSE TO THE LINE OF THE COLUMN LOCATIONS & SHALL CONTAIN A CONTINUOUS DRAW WIRE OF 8KN STRENGTH.

A MINIMUM DEPTH OF 450mm COVER IS REQUIRED IN URBAN PATHWAYS & A
MINIMUM OF 600mm COVER IS REQUIRED FOR GRASS MARGINS, PEDESTRIAN
WAYS, LANEWAYS & GATEWAY ENTRANCES & A MINIMUM DEPTH OF 750mm IS
REQUIRED AT ROAD CROSSINGS OR IN CARRIAGEWAYS.

3. ALL EQUIPMENT TO BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE BEING INSTALLED.

4. FOR SCHEDULES OF EQUIPMENT SEE SPECIFICATION. 5. THE COMPLETE INSTALLATION TO BE CO-ORDINATED WITH ALL OTHER SERVICES.

LEGEND OF SYMBOLS:

MCP PUBLIC LIGHTING MICROPILLAR MP ESB MINI PILLAR

A 6M POLE MOUNTED LIGHT TYPE 1-AXIA 3.1 50025 23W

B 6M POLE MOUNTED LIGHT TYPE 2-AXIA 3.1 5293 20W C 6M POLE MOUNTED LIGHT TYPE 3-AXIA 3.1 5293 45W

D 6M POLE MOUNTED LIGHT TYPE 4-AXIA 3.1 5293 45W

1M HIGH LED BOLLARD LIGHT

PL 100mm PUBLIC LIGHTING DUCT

\_\_\_\_\_ LV \_\_\_\_ 50mm LV DUCT

PUBLIC LIGHTING CHAMBER

O'CONNOR . SUTTON . CRONIN MULTIDISCIPLINARY CONSULTING EN Civil / Structural / Environmental / Mechanical / Electrical / Sustainability

Client: SDCC
Project: CLONBURRIS KSG5

Title: ELECTRICAL SITE B

PUBLIC LIGHTING LAYOUT SITE PLAN

FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.

Rev No. Date Revision Note

Drn by Chkd by