



No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission from Human O'Brien Associates as copyright holder except as agreed for use on the project for which the document was originally issued. © Human O'Brien Associates Copyright.

General Notes:

1. Execution of all plant, equipment and penetrations are the responsibility of the Electrical Contractor with whom co-ordinate the installation with the Main Contractor and other trades.
2. This drawing to be read in conjunction with the relevant sections of the specification, schedules, architects drawings and structural engineers drawings.
3. The Consulting Engineer shall be notified by the Electrical Contractor of any errors and omissions.

Site Symbols Reference:

- COMS-COMS 2x100mm² Comm Underground Ducts. (Unless otherwise noted)
- DR-DR 2x100mm² Open EIR Underground Ducts. (Unless otherwise noted)
- CB-LV- 2x125mm² ESB LV Underground Ducts. (Unless otherwise noted)
- SL- 100mm Site Lighting Underground Ducts. (Unless otherwise noted)
- LT-LT 100mm Landlord LT Underground Ducts. (Unless otherwise noted)
- ELT-ELT-ELT 100mm Landlord ELT Underground Ducts. (Unless otherwise noted)
- PL-PL 100mm² Public Lighting Underground Ducts. (Unless otherwise noted)

- 600mm x 600mm Site Lighting Manhole
- MH- 600mm x 600mm Comms Manhole
- EIR- Openair Manhole - Refer to Dwg. EMR-HOB-XX-XX-DR-E-0800 for Details
- Lighting Column
- MP- ESB Mini-pillar
- MP (1)- Mini Pillar Incorporating 63A TP WC ESB Meter & Cut Out.
- MP (2)- Mini Pillar Incorporating 63A TP Isolator & Local Sub Distribution Board.
- MP (3)- Mini Pillar Incorporating ESB 63A SP WC Meter & Cut Out.
- M- ESB Meter
- EV- Dual EV Car Charger.
- EV- Monhole for Future EV Car Charger.
- PL- Public Lighting Mini Pillar
- Indicates Electrical SwitchRoom
- Indicates Comms Room.
- Meter Cabinet
- Dome Camera (PTZ) mounted on external lighting columns
- Dome Camera (Fixed) mounted on external lighting columns
- ESB Earth Mat.

ISSUED FOR INFORMATION

0 4 8 12 16 20 METRES

Revision Issue: P-Preliminary T-Tender CN-Construction A-Approval I-Information

Date Checked Revision Issue: P-Preliminary T-Tender CN-Construction A-Approval I-Information

Date Checked Revision Issue: P-Preliminary T-Tender CN-Construction A-Approval I-Information

Date Checked

Issued for Information.
Issued for Information.

09-04-2025 P02 S.S.
20-03-2025 P01 S.S.

HUMAN O'BRIEN		Consulting Engineers 89 Booterstown Avenue, Blackrock, Co. Dublin. Telephone: 2056300, Fax: 2056301 E-mail: info@humanobrien.ie Web: www.humanobrien.ie	
Stables & Courtyards at Rathfarnham		SDCC	
Electrical Services Installation		Howley Hayes Cooney Architecture 19 Rock Hill, Blackrock, Dublin, A94D235	
Site Plan	Electrical Site Services Layout	Date	Scale
21-10-2024	Refer to Scalebar	Status	Drawn S.S. R.B.
Drawing Number		Checked	Issue
RATH-HOB-XX-XX-DR-E-1000		P02	P02