



- NOTES
1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figure dimensions only are to be taken from this drawing.
  2. This drawing is to be read in conjunction with all relevant engineers' and service engineers' drawings and specifications. This drawing is copyright.
  3. Access control and CCTV layout to be developed in subsequent design stages.
  4. Drawing shows ducting for main electrical services. Additional ducting for external lighting, CCTV to be provided as part of subsequent design stages.
  5. Positions for power supplies for EV chargers shall be co-ordinated with EV charge point locations.
  6. Refer to luminaire schedule for luminaire details.
  7. All external luminaires and CCTV shall be mounted on 6m columns. This excludes building perimeter luminaires and CCTV.
  8. HV Substation shall be provided with a 300A 2 Way SPN Distribution board as required by NGED. This shall be fed from Feeder Pillar FP1 LP. Refer to Distribution schedule for further details.
  9. HV substation and LV substation have been assumed to require raised platform due to site area being located within a flood risk zone. Awaiting final confirmation from NGED on further information.
  10. LV substation transformer shall be provided within a GRP enclosure. The enclosure shall incorporate bunding to allow for fluid leakage. Loosers within the GRP shall be used as required by the Transformer manufacturer.

- LEGEND
- Floodlight - EX1
  - Floodlight - EX3
  - Square Wall Luminaire - EX2 Low Power
  - Square Wall Luminaire - EX2 High Power
  - Proposed LV
  - Proposed Telecommunications
  - Proposed HV
  - Electrical Feeder Pillar
  - Mains Water
  - Metered Main Water Supply
  - Unmetered Main Water Supply
  - CAT 5 Water Supply

REVISIONS

PO3	Stage 4/ Issue - For Comment	23/06/2024	M. J. Lewis	D. Finley   A. Haines
Rev.	Revision Description	Date	Drawn By	Checked   Approved By

**Hydrock**  
3rd Floor, Wharfedale Place  
13 Wharfedale  
Cardiff  
CF10 3GS  
t: +44(0)2920 023665  
e: cardiff@hydrock.com

CLIENT  
**Morgan Sindall**

PROJECT  
**SWITCH Harbourside**

TITLE  
**Electrical Services  
External Lighting Isolines Layout**

HYDROCK PROJECT NO. <b>C-26279</b>	SCALE @ A0 <b>1 : 250</b>
STATUS DESCRIPTION <b>SUITABLE FOR REVIEW &amp; COMMENT</b>	STATUS <b>S3</b>
DRAWING NO. <b>26CB02-HYD-55-XX-D-E-550002</b>	REVISION <b>P01</b>

Autodesk Docs: [Project File Path]