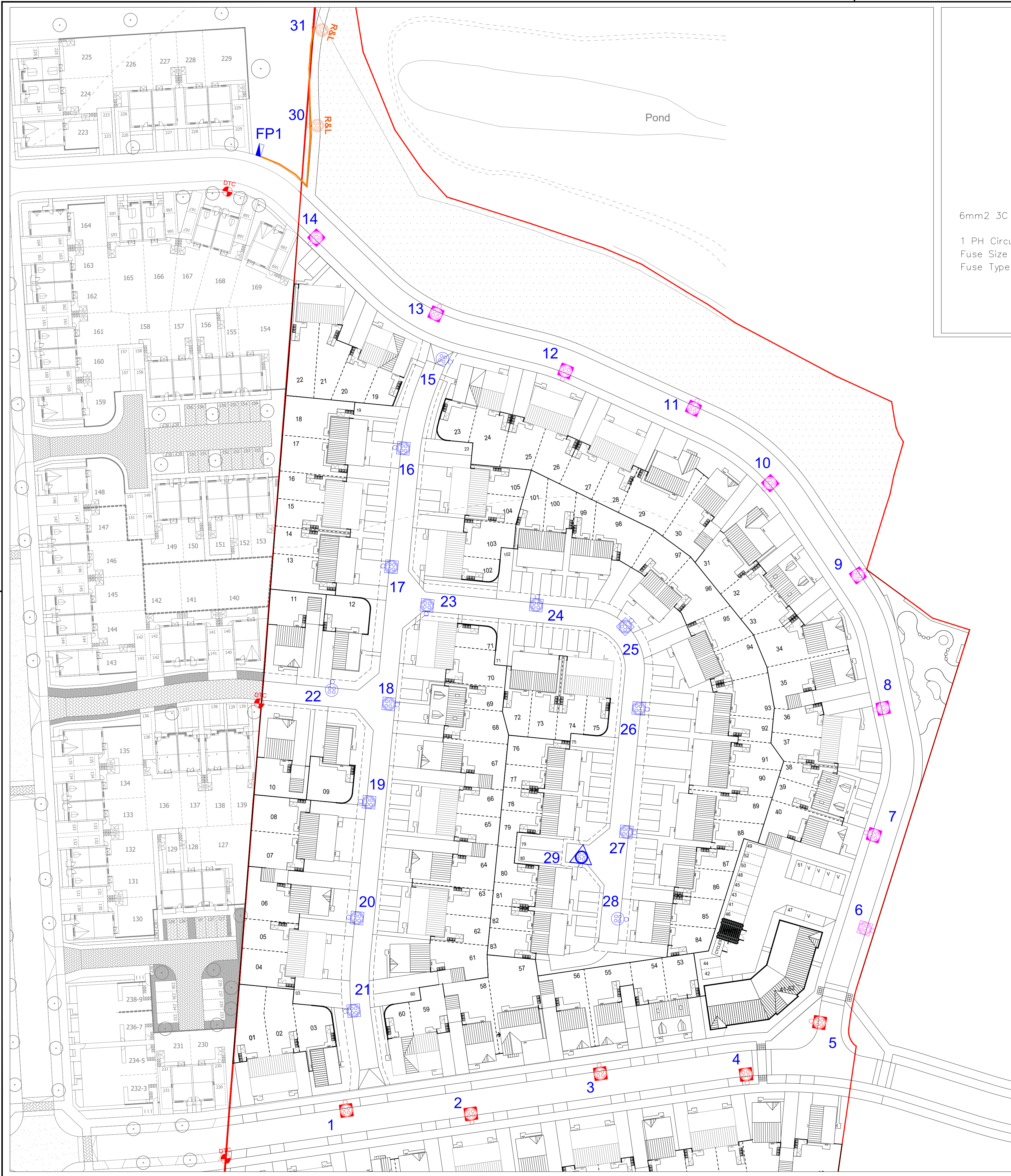
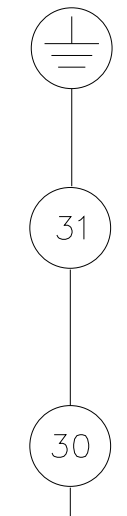
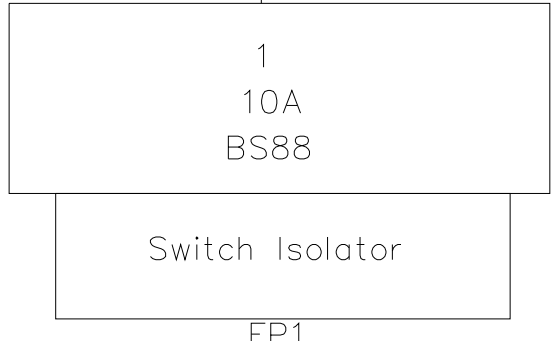




VD = 0.03%
Zs = 0.780 Ohm



6mm2 3C XLPE/SWA/PVC
1 PH Circuit Way
Fuse Size
Fuse Type



- ALL COLUMNS & LANTERNS (IN ADOPTED AREA) TO BE TUBULAR GALVANISED STEEL PAINTED **BLACK** (RAL 9005) INSTALLED AT BACK EDGE OF VERGE ON AVENUE STYLE AND BACK OF PATH ON ALL ACCESS ROADS AND LANES
- ALL COLUMNS TO BE INSTALLED MINIMUM 800MM FROM CARRIAGEWAY UNLESS STATED OTHERWISE
- ALL COLUMNS TO BE NEW SCOTTISH POWER DNO / IDNO CONNECTION UNLESS STATED OTHERWISE
- ALL PRIVATE CABLE TO BE INSTALLED IN 100MM ORANGE DUCTING
- ALL PRIVATE CABLE ROUTES TO BE SHOWN ON AS-BUILT DRAWING
- ALL LANTERNS TO BE COMPLETE WITH INTERNAL MAYFLOWER NODE
- LIGHTING COLUMNS TO BE INSTALLED AS PER STANDARD DETAILS SSE/L/SD/01, SSE/L/SD/02, SSE/L/SD/016 & SSE/L/SD/017 AND IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS
- DESIGNED IN ACCORDANCE WITH HALSNEAD DESIGN GUIDE

RESIDENTIAL
AVENUE
STREETS
LANES
FOOTPATHS

5 HALSNEAD TYPE F - PROPOSED 8 METER NOMINAL HEIGHT CASTILATED TUBULAR LIGHTING COLUMN WITH ROCO BRACKET (1.0M PROJECTION) @ 0 DEGREE TILT WITH 76MM SHAFT PAINTED BLACK (RAL 9005), COMPLETE TOP ENTRY MOUNTED LANTERN WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY B, PENDAND EASYFIT, WIDE BRIM, WITH 32x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX3-A2 DISTRIBUTION @ 700mA 7.97KLM 0 DEGREE TILT (72W)].
UMSUG - 42 0072 0000 100- ORDER CODE - EB E W PL32 30 **A2 0700** 10 IMA

1 HALSNEAD TYPE H - PROPOSED 6 METER NOMINAL HEIGHT TUBULAR LIGHTING COLUMN WITH ROCO BRACKET (0.5M PROJECTION) @ 0 DEGREE TILT WITH 76MM SHAFT PAINTED BLACK (RAL 9005), COMPLETE TOP ENTRY MOUNTED WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY C, PENDAND EASYFIT, WIDE BRIM, WITH 16x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX6-A2 DISTRIBUTION @ 500mA 3.13KLM 0 DEGREE TILT (27W)].
UMSUG - 42 0027 0000 100- ORDER CODE - EC E W PL16 30 **A2 0500** 10 IMA

8 HALSNEAD TYPE I - PROPOSED 6 METER NOMINAL HEIGHT TUBULAR LIGHTING COLUMN WITH ROCO BRACKET (0.5M PROJECTION) @ 0 DEGREE TILT WITH 76MM SHAFT PAINTED BLACK (RAL 9005), COMPLETE TOP ENTRY MOUNTED WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY C, PENDAND EASYFIT, WIDE BRIM, WITH 16x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX6-A2 DISTRIBUTION @ 700mA 4.14KLM 0 DEGREE TILT (38W)].
UMSUG - 42 0038 0000 100- ORDER CODE - EC E W PL16 30 **A2 0700** 10 IMA

11 HALSNEAD TYPE H - PROPOSED 6 METER NOMINAL HEIGHT TUBULAR LIGHTING COLUMN WITH TEAR DROP "U" STIRRUP POST TOP BRACKET PAINTED BLACK (RAL 9005), COMPLETE STIRRUP MOUNTED LANTERN WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY C, TEAR DROP "U" BRACKET, WIDE BRIM, WITH 16x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX6-A2 DISTRIBUTION @ 500mA 3.13KLM 0 DEGREE TILT (27W)].
UMSUG - 42 027 0000 100- ORDER CODE - EC UBT W PL16 30 **A2 0500** 10 IMA

1 HALSNEAD TYPE K - PROPOSED 6 METER NOMINAL HEIGHT TUBULAR LIGHTING COLUMN WITH TEAR DROP "U" STIRRUP POST TOP BRACKET PAINTED BLACK (RAL 9005), COMPLETE STIRRUP MOUNTED LANTERN WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY C, TEAR DROP "U" BRACKET, WIDE BRIM, WITH 16x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX6-B2 DISTRIBUTION @ 200mA 1.31KLM 0 DEGREE TILT (12W)].
UMSUG - 42 012 0000 100- ORDER CODE - EC UBT W PL16 30 **B2 0200** 10 IMA

3 HALSNEAD TYPE D - PROPOSED 6 METER NOMINAL HEIGHT TUBULAR LIGHTING COLUMN WITH TEAR DROP "U" STIRRUP POST TOP BRACKET PAINTED BLACK (RAL 9005), COMPLETE STIRRUP MOUNTED LANTERN WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY C, TEAR DROP "U" BRACKET, WIDE BRIM, WITH 16x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX6-A2 DISTRIBUTION @ 350mA 2.27KLM 0 DEGREE TILT (19W)].
UMSUG - 42 019 0000 100- ORDER CODE - EC UBT W PL16 30 **A2 0350** 10 IMA

2 HALSNEAD TYPE K - PROPOSED 5 METER NOMINAL HEIGHT RAISE & LOWER TUBULAR LIGHTING COLUMN WITH TEAR DROP "U" STIRRUP POST TOP BRACKET PAINTED BLACK (RAL 9005), COMPLETE STIRRUP MOUNTED LANTERN WITH INTEGRAL MAYFLOWER NODE (RAL 9005). [DW WINDSOR, ELY C, TEAR DROP "U" BRACKET, WIDE BRIM, WITH 16x 3000K WARM WHITE LEDs, PERFORMANCE LED OPTICS AND LX6-B2 DISTRIBUTION @ 200mA 1.31KLM 0 DEGREE TILT (12W)].
UMSUG - 42 012 0000 100- ORDER CODE - EC UBT W PL16 30 **B2 0200** 10 IMA

1 NEW BLACK (RAL 9005) PAINTED MINI FEEDER PILLAR CAPABLE OF 2 OUTGOING WAYS TO BE INSTALLED AT BACK EDGE OF FOOTWAY

58m INDICATIVE CABLE ROUTE. CABLE TO 6MM 3 CORE XLPEISWAIPVC TO BE INSTALLED 100MM ORANGE DUCTING

COLUMN DESIGNED / INSTALLED ON EVO20029907-LD-001. FOR INFORMATION ONLY

NOTES

1. If in doubt, ASK.
2. Return ALL previous issues to the Designer.
3. Do NOT measure from existing column positions
4. Contractor should note that the Statutory Undertaker's information is shown on this drawing for indicative purposes only. Exact location of services is to be determined on site.

The approximate location(s) of HV distribution networks have been indicated on this drawing in line with the Company's Risk Assessment process. This information is based on utility drawings provided by the relevant DNO. It is the responsibility of the installing organisation to undertake final due diligence and determine the exact location of the HV distribution network(s) prior to commencement of works on site

• This Outline Design has been prepared in accordance with the HEA-HEMSA Guidance Note - CDM2015 Regulations, Issue 1.1, dated 09/04/15 Procedure 2: This Lighting Scheme design has been prepared based on the information supplied by the client at the time of request (which for the avoidance of doubt provides no information on hazards and risks present).

A	ORIGINAL	20/12/24	AH
REV	DESCRIPTION	DATE	BY
ENERVED			
ENERVED STRETTON WAY HUYTON KNOWSLEY MERSEYSIDE L36 6JF			
TITLE KNOWSLEY GARDEN VILALGE AJP 221-130 RESIDENTIAL AVENUE - P3(P2) - SR5 - N2 STREETS - P4(P3) - SR10 - N1 LANES - P4(P3) - SR10 - N1 FOOTPATHS - P4(P3) - SR10 - N1			
AREA WHISTON & CRONTON KNOWSLEY			
SCALE 1:500		DATE 20/12/24	
		DRAWN	AH
		CHECKED	AB
PAPER SIZE A1		APPROVED	AB
DRAWING NUMBER EVO20029908-LD-001			REVISION A

DRAWING STATUS		
FOR COMMENT / APPROVAL	CONTRACT DRAWING	AS BUILT DRAWING