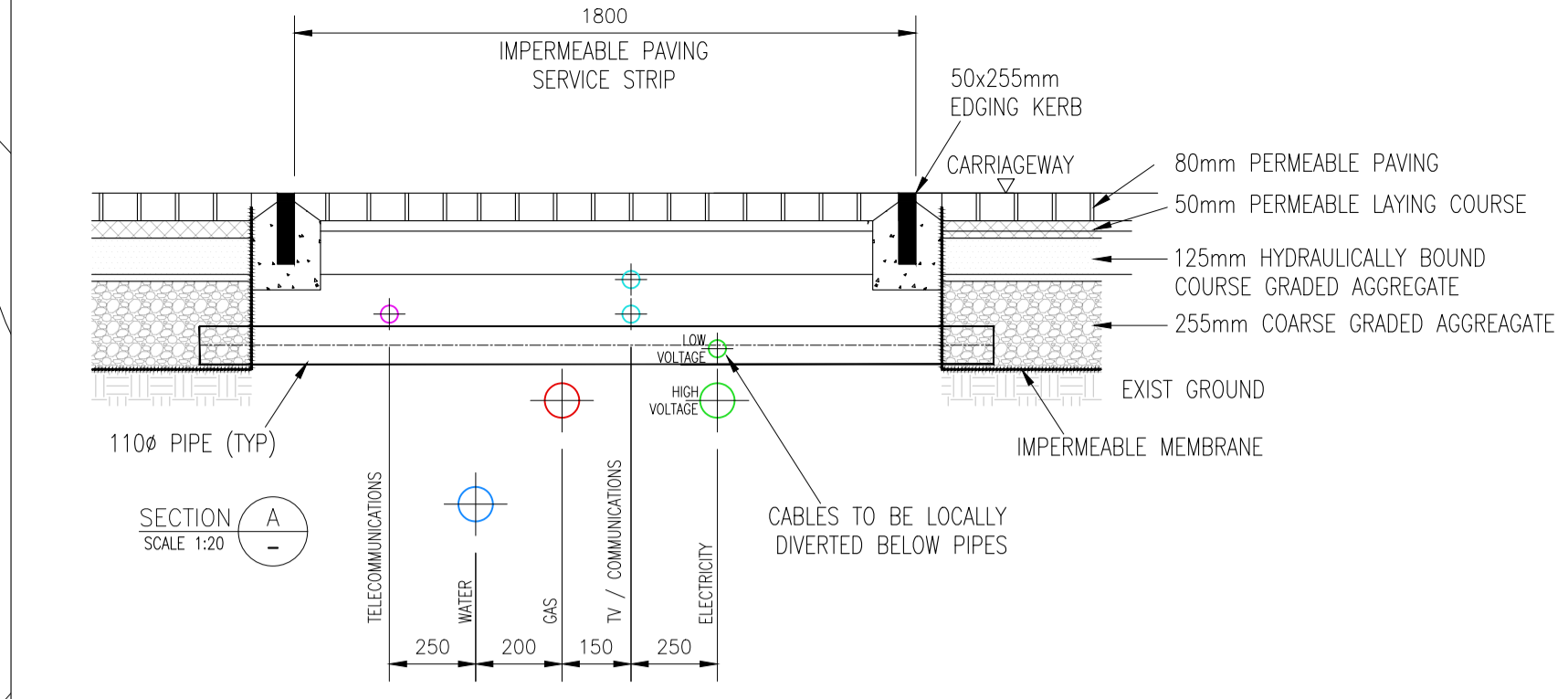
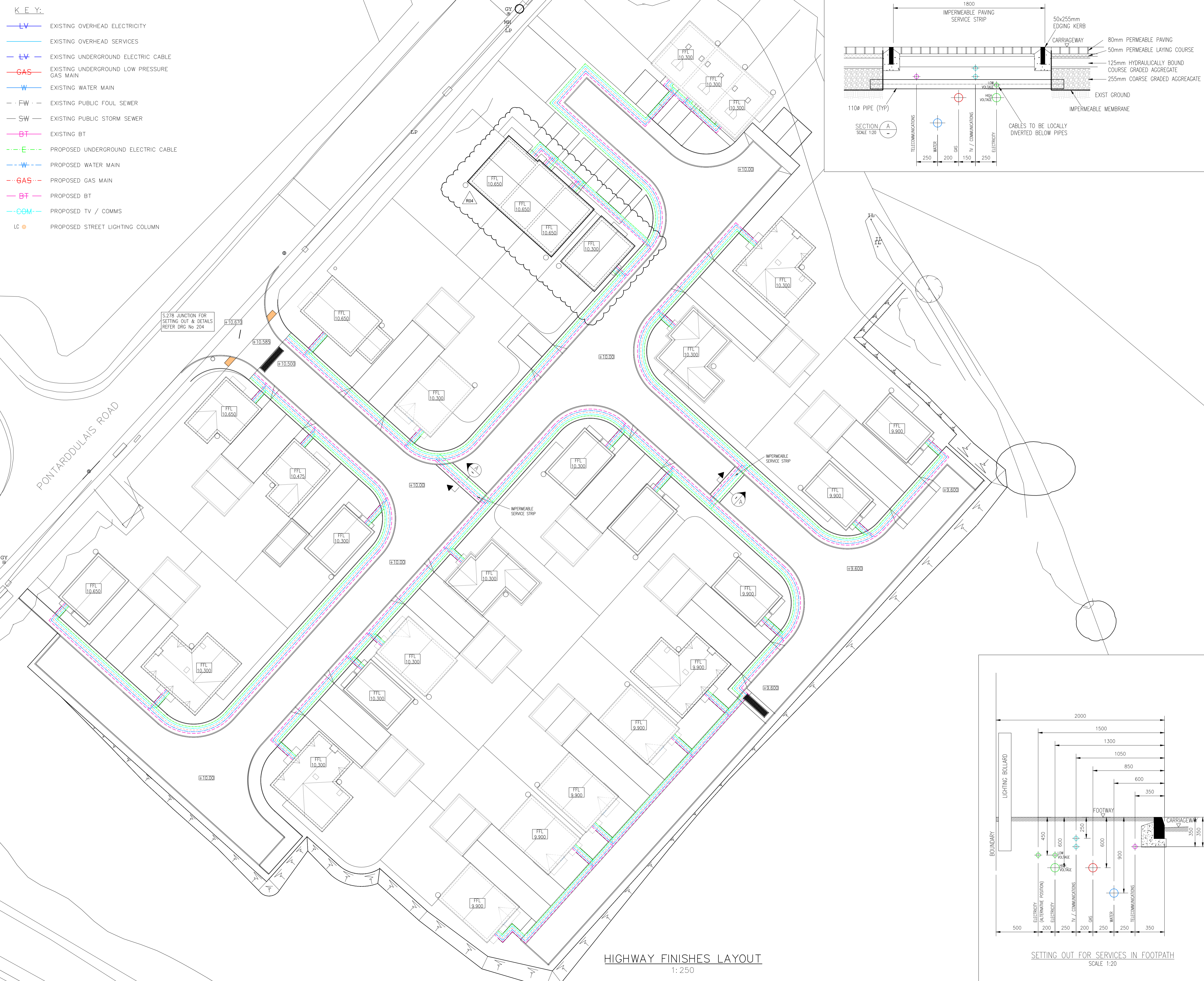


**KEY:**

- LV — EXISTING OVERHEAD ELECTRICITY
- — EXISTING OVERHEAD SERVICES
- LV — EXISTING UNDERGROUND ELECTRIC CABLE
- GAS — EXISTING UNDERGROUND LOW PRESSURE GAS MAIN
- W — EXISTING WATER MAIN
- FW — EXISTING PUBLIC FOUL SEWER
- SW — EXISTING PUBLIC STORM SEWER
- BT — EXISTING BT
- - - E - - - PROPOSED UNDERGROUND ELECTRIC CABLE
- - - W - - - PROPOSED WATER MAIN
- - - GAS - - - PROPOSED GAS MAIN
- - - BT - - - PROPOSED BT
- - - CGM - - - PROPOSED TV / COMMS
- LC ● PROPOSED STREET LIGHTING COLUMN



**DO NOT SCALE**

1. FOR GENERAL CIVIL NOTES, ABBREVIATIONS AND REFER DRG No. 001.
2. THIS DRAWING INDICATES THE LOCATION OF KNOWN EXISTING ABOVE & BELOW GROUND SERVICES RELATING TO THIS PROJECT ONLY. THE DRAWINGS ARE FOR THE CONTRACTORS REFERENCE AND INFORMATION, HOWEVER THEY SHALL NOT BE RELIED UPON TO INDICATE THE PRESENCE OF ALL SERVICES IN THE AREAS OF PROPOSED WORKS. THE CONTRACTOR SHALL HAND DIG AND PROBE FOR THE EXISTENCE OF UNDERGROUND SERVICES PRIOR TO UNDERTAKING ANY EXCAVATIONS.
3. SHOULD ANY UNEXPECTED SERVICE BE FOUND THIS SHALL BE MADE KNOWN TO THE RELEVANT SITE PERSONNEL, ALL SERVICES MUST BE MADE SAFE IN AGREEMENT WITH THE ENGINEER / PRINCIPAL.
4. THE CONTRACTOR SHALL ALSO TAKE COGNIZANCE OF ANY MARKER POSTS, MANHOLES OF THE LIKE LOCATED ON SITE, WHICH WOULD INDICATE PRESENCE OF BURIED CABLES.
5. ALL WORKS WILL BE SUBJECT TO A PERMIT TO WORK SYSTEM OPERATED ON THE SITE AND THE CONTRACTOR SHALL COMPLY WITH ALL SITE RULES AND REGULATIONS.
6. THE CONTRACTOR SHALL REFER TO THE REQUIREMENTS OF THE PROJECT SPECIFICATION FOR SITE CLEARANCE AND EARTHWORKS & FOUNDATIONS BEFORE CONDUCTING ANY SITE ACTIVITIES.
7. INCOMING UNDERGROUND SERVICES FOR DWELLINGS TO BE LOCATED BENEATH IMPERMEABLE FOOTPATHS AS INDICATED ON THE DRAWING.

**STREET LIGHTING:**

1. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS DRAWINGS AND SPECIFICATIONS.
2. STREET LIGHTING TO BE DESIGNED BY SPECIALIST CONTRACTOR.
3. STREET LIGHTING DESIGNS MUST COMPLY WITH THE LATEST EDITIONS OF THE FOLLOWING:- BS5489-1 : 2003 CODE OF PRACTICE FOR THE DESIGN OF ROAD LIGHTING-PART 1: LIGHTING OF ROADS AND PUBLIC AMENITY AREAS. BS EN 13201-2 ROAD LIGHTING.
4. ALL MATERIALS MUST COMPLY WITH THE RELEVANT BRITISH STANDARDS.
5. STREET LIGHTING AND ASSOCIATED ELECTRICAL INSTALLATIONS MUST COMPLY WITH THE CURRENT EDITION OF THE IEE REGULATIONS (BS 7671) WITH PARTICULAR REFERENCE TO SECTION 611 (HIGHWAY POWER SUPPLIES AND STREET FURNITURE AND THE ELECTRICITY AT WORK REGULATIONS.
6. THE LIGHTING WORKS SHALL BE CARRIED OUT TO AN APPROVED STANDARD AND COMPLETED PRIOR TO THE OCCUPATION OF PROPERTIES.
7. PRIOR TO THE ISSUE OF THE PART 2 CERTIFICATE THE WHOLE STREET LIGHTING NETWORK SHALL BE TESTED IN ACCORDANCE WITH THE IEE REGULATIONS AND RECORDED. THIS INFORMATION SHALL BE SUBMITTED TO THE ENGINEER TOGETHER WITH THE AS BUILT ELECTRICAL RECORDS DRAWINGS SHOWING FULL DETAILS OF ALL ELECTRICAL CIRCUITS AND CABLE RUNS.

REV	DATE	BY	DESCRIPTION	CHK	APPD
R04	04.04.22	AH	PLOTS 8-11 LAYOUT AMENDED	IH	IH
R03	11.06.2021	JA	UPDATED SITE LAYOUT	IH	IH
R02	04.06.21	AH	AMENDED FOR S38 APPLICATION	JA	IH

**DRAWING STATUS:**

HCE	HCE Limited Canolfan Gorselion Centre Millers Drive Gorselion SA4 4QN
	Civil Engineering Structural Engineering Structural Surveys Project Management Petrochemical
	Tel: 01792 805010 E-mail: info@hcelimited.com Web: www.hcelimited.com

CLIENT: **HAYWOOD HOMES**

ARCHITECT: **ZEBRA ARCHITECTS**

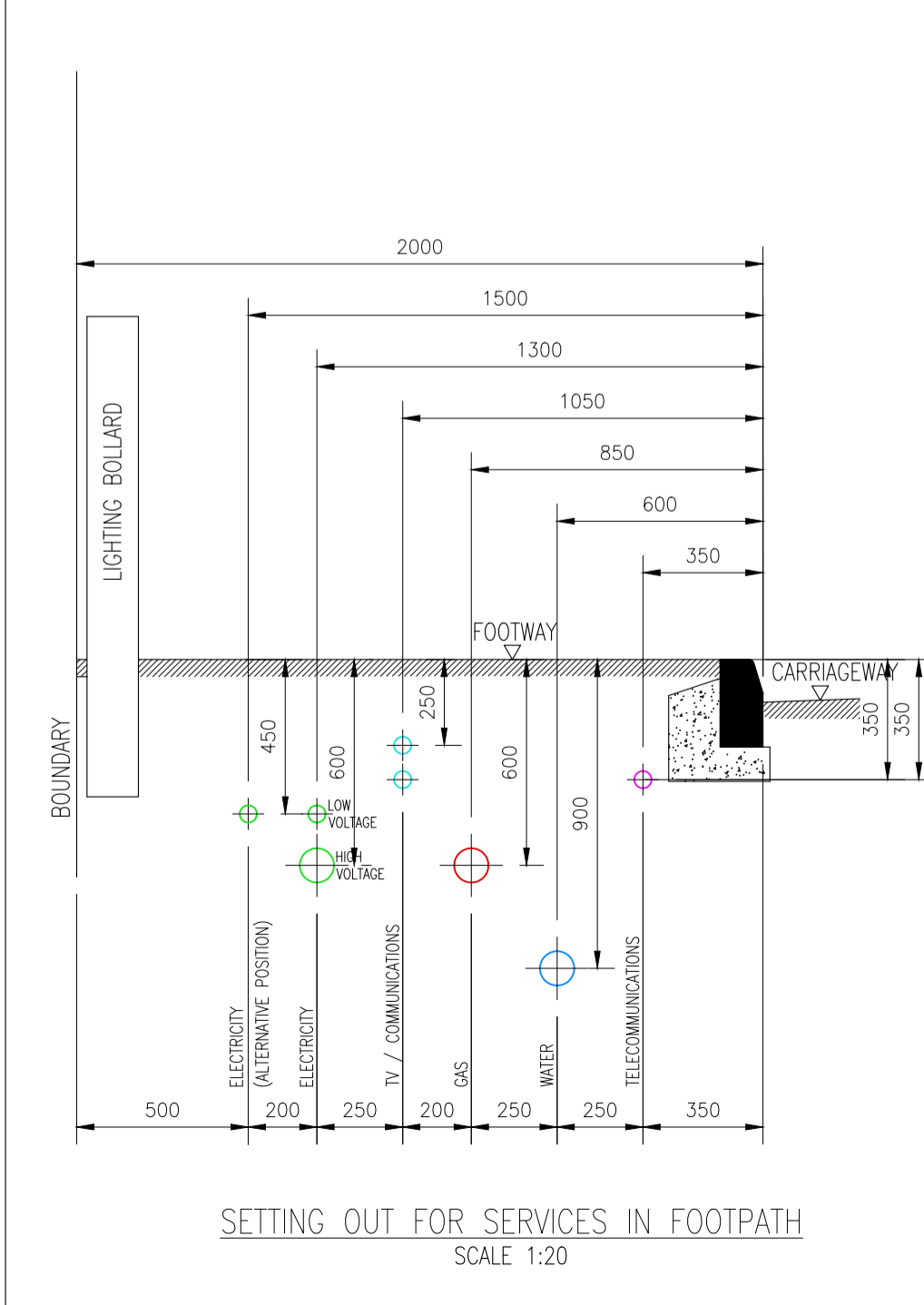
PROJECT: **RESIDENTIAL DEVELOPMENT  
GWAELOD Y MAES  
LLANGENNECH**

TITLE: **SECTION 38  
UNDERGROUND SERVICES LAYOUT**

SCALE @ A1:	1:100	CHECKED:	IH	APPROVED:	IH
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CAD FILE:	HCE-1386-311	DESIGN-DRAWN:	SC	DATE:	APRIL 2021
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PROJECT No:	1386	DRAWING No:	311	REV:	R04
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**HIGHWAY FINISHES LAYOUT**  
1: 250

**SETTING OUT FOR SERVICES IN FOOTPATH**  
SCALE 1:20