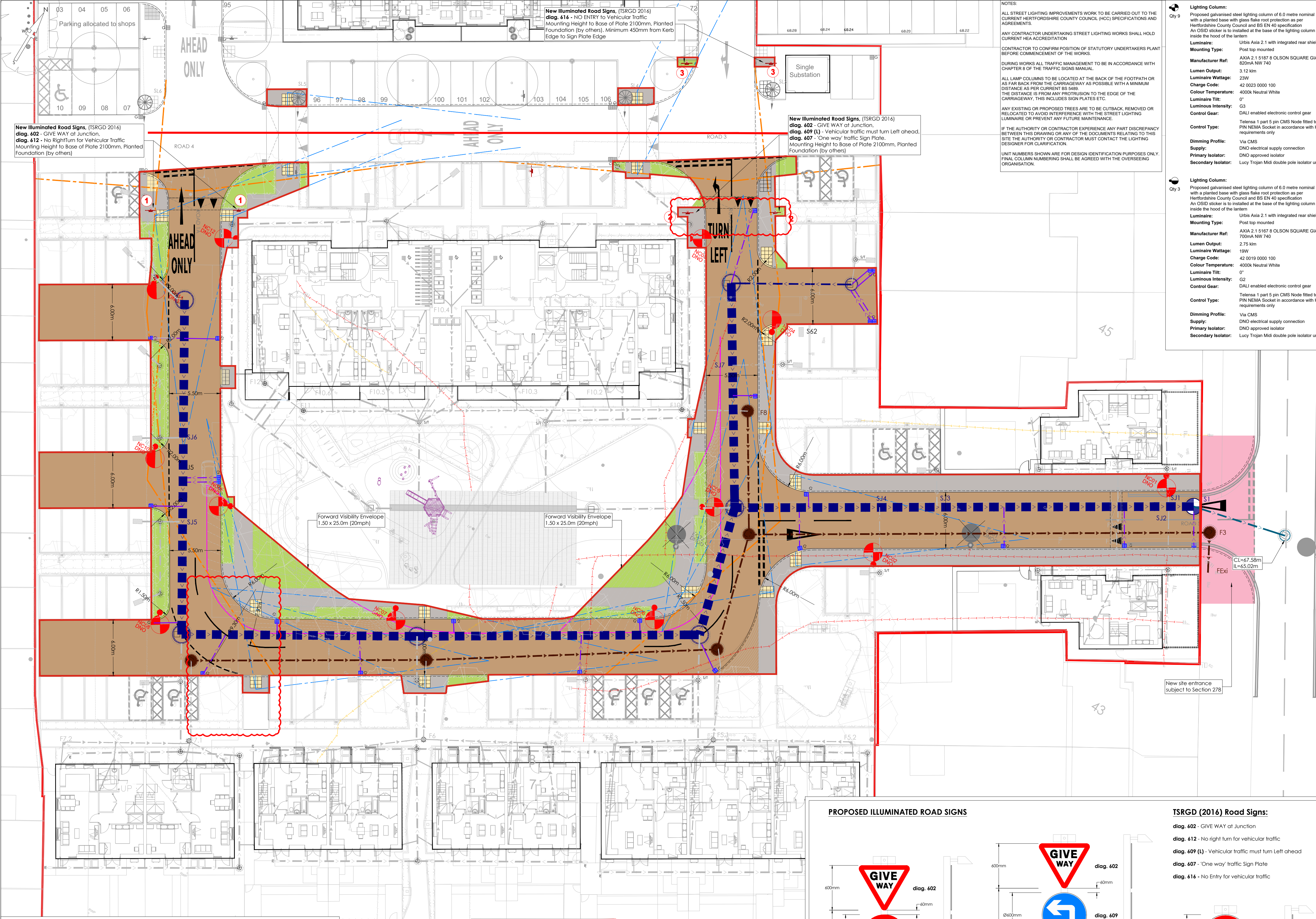




NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE CURRENT HERTFORDSHIRE COUNTY COUNCIL (HCC) SPECIFICATIONS AND AGREEMENTS.

ANY CONTRACTOR UNDERTAKING STREET LIGHTING WORKS SHALL HOLD CURRENT HCC ACCREDITATION.

CONTRACTOR TO CONFIRM POSITION OF STATUTORY UNDERTAKERS PLANT BEFORE COMMENCEMENT OF THE WORKS.

DURING WORKS ALL TRAFFIC MANAGEMENT WILL BE IN ACCORDANCE WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.

ALL LAMP COLUMNS TO BE LOCATED AT THE BACK OF THE FOOTPATH OR AS FAR BACK FROM THE CARRIAGEWAY AS POSSIBLE WITH A MINIMUM DISTANCE AS PER CURRENT BS 5489.

THE DISTANCE IS FROM ANY PROTRUSION TO THE EDGE OF THE CARRIAGEWAY. THIS INCLUDES SIGN PLATES ETC.

ANY EXISTING OR PROPOSED TREES ARE TO BE OUTCUT, REMOVED OR RELOCATED TO AVOID INTERFERENCE WITH THE STREET LIGHTING LUMINAIRE OR PREVENT ANY FUTURE MAINTENANCE.

IF THE AUTHORITY OR CONTRACTOR EXPERIENCE ANY PART DISCREPANCY BETWEEN THIS DRAWING OR ANY OF THE DOCUMENTS RELATING TO THIS SITE, THE AUTHORITY OR CONTRACTOR MUST CONTACT THE LIGHTING DESIGNER FOR CLARIFICATION.

UNIT NUMBERS SHOWN ARE FOR DESIGN IDENTIFICATION PURPOSES ONLY. FINAL COLUMN NUMBERING SHALL BE AGREED WITH THE OVERSEEING ORGANISATION.

Lighting Column:
Proposed galvanised steel lighting column of 6.0 metre nominal height with a planted base with glass flake root protection as per Hertfordshire County Council and BS EN 40 specification. An OSD sticker is to be installed at the base of the lighting column and inside the hood of the lantern.

Luminaire: Urbis Axis 2.1 with integrated rear shield.

Mounting Type: Post top mounted.

Manufacturer Ref: AXIA 2.1 5187 8 OLSON SQUARE GIANT 600mA NW 740.

Lumen Output: 3.12 km.

Luminaire Wattage: 23W.

Charge Code: 42 0023 0000 100.

Colour Temperature: 4000K Neutral White.

Luminaire Tilt: 0°.

Luminous Intensity: G3.

Control Gear: DALI enabled electronic control gear.

Control Type: Telenisa 1 part 5 pin CMS Node fitted to a 7 PIN NEMA Socket in accordance with HCC requirements only.

Dimming Profile: Via CMS.

Supply: DNO electrical supply connection.

Primary Isolator: DNO approved isolator.

Secondary Isolator: Lucy Trojan Midi double pole isolator unit.

Survey: SOR018003 Sheets 1/2/3
Site Plan: MW201113-HUN-00-ZZ-DR-A-3001 P1
Rec'd: 05.10.2020
Rec'd: 20.11.2020

NOTES

- All dimensions and levels are in metres unless otherwise noted.
- This drawing is to be read in conjunction with the relevant Architects/Engineers' drawings, specifications and CDM documentation.
- This drawings have been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
- This drawing contains coloured lines / information that may not be clear if reproduced in black and white.
- Digital copies of this plan can only be considered accurate if supplied directly by Infrastruct CS Ltd.

DESIGNERS CDM NOTE - RESIDUAL RISKS NOT IDENTIFIED

The design Engineer(s) have assessed this design as the scheme has been developed in order to identify if there are any residual risk hazards (i.e. unusual, unexpected, abnormal or difficult).

No residual risks have been identified for this scheme and therefore no entries were added to the risk register.

This statement assumes that a competent Contractor with the appropriate qualified staff will be employed for the works, and that they will be familiar with site wide construction risks and hazards that they can reasonably be expected to encounter as part of their work.

Section 38 Legend	
	Section 38 Agreement Area
	Adoptable Carriageway
	Adoptable Footway
	Adoptable Verge
Section 278 Agreement Works	
	Tactile Blister Paved Uncontrolled Pedestrian Crossing Points - Buff Colour
	Tactile Corduroy Paved Drop Kerb Access Point - Buff Colour
	Junction Visibility - 2.40 x 25.0m (20mph)
	Forward Visibility envelope - 1.50 x 25.0m (20mph)
	Pedestrian Visibility - 1.50 x 25.0m (20mph) Measured to 1.50m off Kerbline (oncoming Traffic Direction)

Drainage Legend	
	Foul water drain (private/non adoptable)
	Surface water drain (private/non adoptable)
	Foul water sewer (Adoptable)
	Surface water sewer (Adoptable)

Chambers Legend	
	Manhole
	Depth: 1.25m to 1.5m*
	Depth: 1.55m to 3.0m*

* General note
(Refer to standard details & longitudinal sections for chamber sizes. Size may need to increase dependant on number of incoming pipes/sizes of incoming pipes)

NOTES

- All street lights in verge to have 150mm concrete collar surround
- Tree root barrier required to any tree within 5m of the carriageway/footway
- Black paving to be laid at 45° herringbone pattern. Stretcher course should be used when pattern can't be continued. 1 No stretcher course channel either side of road
- No doors or windows are to open onto the highway at any level.
- No gas boxes or porches are to be located within highway land
- All private footways to be side hung so no runoff into public highway
- No railings or fences to be in adjacent or 600mm from front face of kerb

UNIT NUMBERING KEY:
NC* Proposed lighting column identification number
EC* Existing lighting column identification number

ELECTRICAL CONNECTION TYPE:
DNO Proposed Distribution Network Operator electrical supply connection

LIGHTING SCHEME DESIGNED IN ACCORDANCE WITH:
BS 5489-1:2020 & BS EN 13201-2:2015

SP RATIO: N/A
MAINTENANCE FACTOR: 0.78

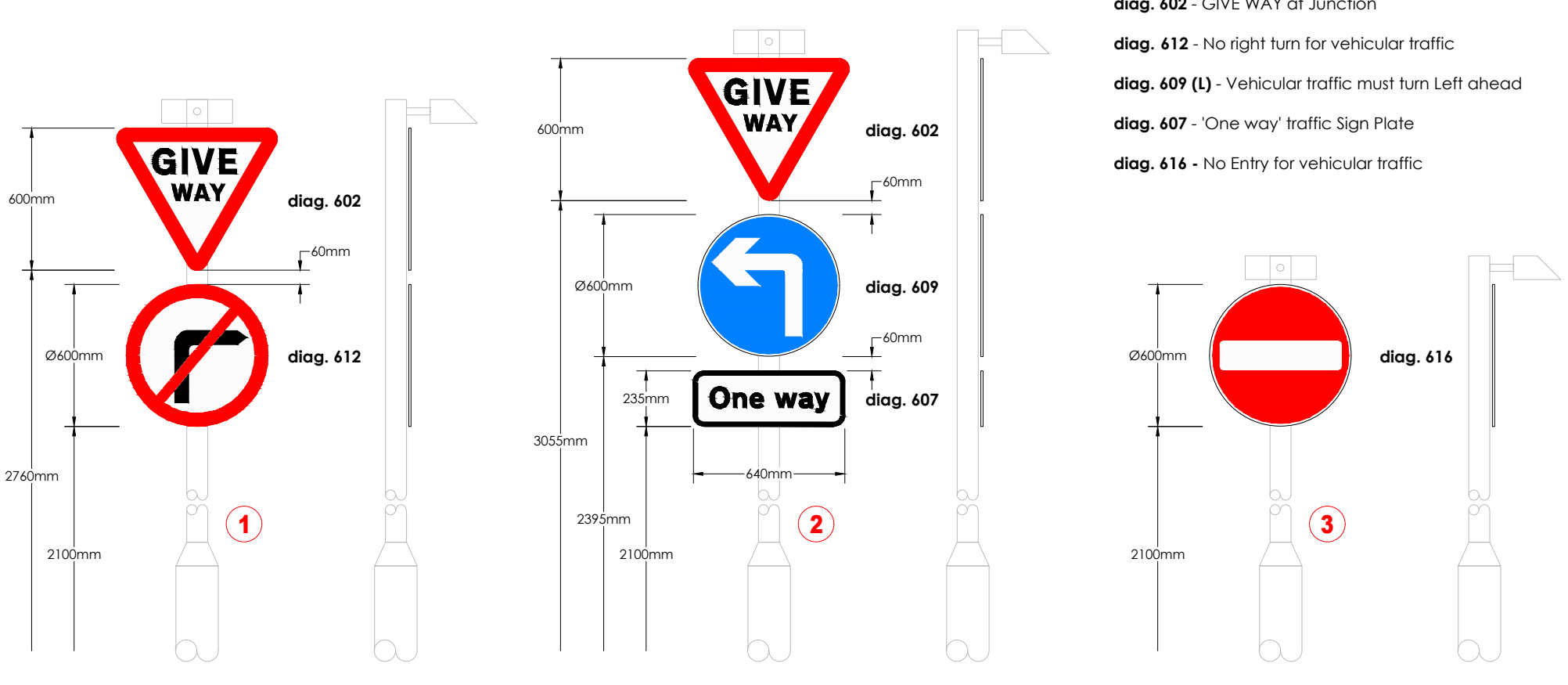
LIGHTING CLASSIFICATION: P4

MIN. MAINTAINED AVERAGE ILLUMINANCE (EAV): >5.00 LUX <7.50 LUX
MIN. ILLUMINANCE (EMIN): >1.00 LUX
EMIN:AV (UNIFORMITY): >0.20 (20%)

P03	SNN	APL	Site layout updated. Pedestrian Crossing Points amended	06/08/25
P02	SNN	APL	Amended to RSA comments	06/05/25
P01	SNN	MBD	Initial issue	01/04/25
REV	DRAWN	CHECK	REVISION COMMENTS	ISSUE DATE

DRAWING TITLE		SHEET NO.
Section 38 Agreement Plan Phase 3		2
PROJECT		
John Barker Place Hitchin Hertfordshire		
CLIENT		
Settle		
SCALE @ A1		ENGINEER
1:200		MBD
PROJECT NUMBER		DRAFT
4121		SNN
STATUS		APPROVED
S4		RJW
PROJECT		NO. REVISION
MW201113		0526
ICS		P03
00		
ZZ		
DR		
C		

PROPOSED ILLUMINATED ROAD SIGNS



TSRGD (2016) Road Signs:

- diag. 602 - GIVE WAY at Junction
- diag. 612 - No right turn for vehicular traffic
- diag. 609 (L) - Vehicular traffic must turn Left ahead
- diag. 607 - 'One way' traffic Sign Plate
- diag. 616 - No Entry for vehicular traffic

STATS PROVIDED BY THE CLIENT SHOWS NO INDICATION OF EXISTING HV CABLES, THERE IS A GAS SERVICE THAT DOES NOT HAVE THE PRESSURE STATED.

CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTOR/OVERSEERING ORGANISATION BEFORE COMMENCEMENT OF ANY STREET LIGHTING INSTALLATION OR REMOVAL WORKS.

ALL SERVICES ARE TO BE LOCATED AND IDENTIFIED PRIOR TO INSTALLING OR REMOVING ANY LIGHTING COLUMNS. WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH HSE G58, ENA 43-8, HSE HGS47, G39/1 AND ALL RELEVANT HSE REGULATIONS.

DETAILS OF EXISTING STATUTORY UNDERTAKERS PLANT ARE TO BE OBTAINED BY THE CLIENT AND THE CONTRACTOR MAY EXAMINE THESE RECORDS AT THE ENGINEERS OFFICE. ALL WORKS IN THE VICINITY OF ANY OVERHEAD CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE G56 "AVOIDANCE OF DANGER FROM OVERHEAD LINES" AND ALL WORKS IN THE VICINITY OF UNDERGROUND MAINS OR CABLES SHALL CONFORM TO THE REQUIREMENTS OF HSE GUIDANCE NOTE HGS47 "AVOIDING DANGER FROM UNDERGROUND SERVICES" AND ANY ADDITIONAL REQUIREMENTS SPECIFIED BY THE RELEVANT UNDERTAKER.

THE CONTRACTOR WILL BE RESPONSIBLE FOR LIAISON WITH THE UNDERTAKERS AND FOR PROGRAMMING THE AGREED PROTECTION AND/OR DIVERSION WORKS TO ANY STATUTORY UNDERTAKERS APPARATUS INTO THE OVERALL WORKS PROGRAMME (THIS IS TO INCLUDE ADJUSTMENT OF STATS COVERS).

ANY DAMAGE TO PLANT OR APPARATUS SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

NO WORKS SHALL BE CONSTRUCTED UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE OVERSEEING ORGANISATION BY THE DEVELOPER. NO WORKS SHALL BE CONSTRUCTED WITHOUT APPROVAL. IF CARRIED OUT THEN THEY WILL BE ENTIRELY AT THE DEVELOPERS RISK. UNLESS OTHERWISE STATED WITHIN THE QUOTATION PROVIDED BY MMA LIGHTING CONSULTANCY, THIS DESIGN HAS NOT BEEN SUBMITTED FOR TECHNICAL APPROVAL.

RESIDUAL DESIGN HAZARDS:

LOCATION OF EXISTING UTILITY SERVICES TO BE DETERMINED ON SITE BY THE CONTRACTOR.

INSTALLATION WORKS SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT STANDARDS INCLUDING BS 7671, G38/1, HSG47 AND THE INSTITUTION OF LIGHTING PROFESSIONALS GENERAL PUBLICATION 03 (ILP GP03).

- UNDERGROUND LOW VOLTAGE ELECTRICITY CABLE
- UNDERGROUND UNKNOWN PRESSURE GAS SERVICE