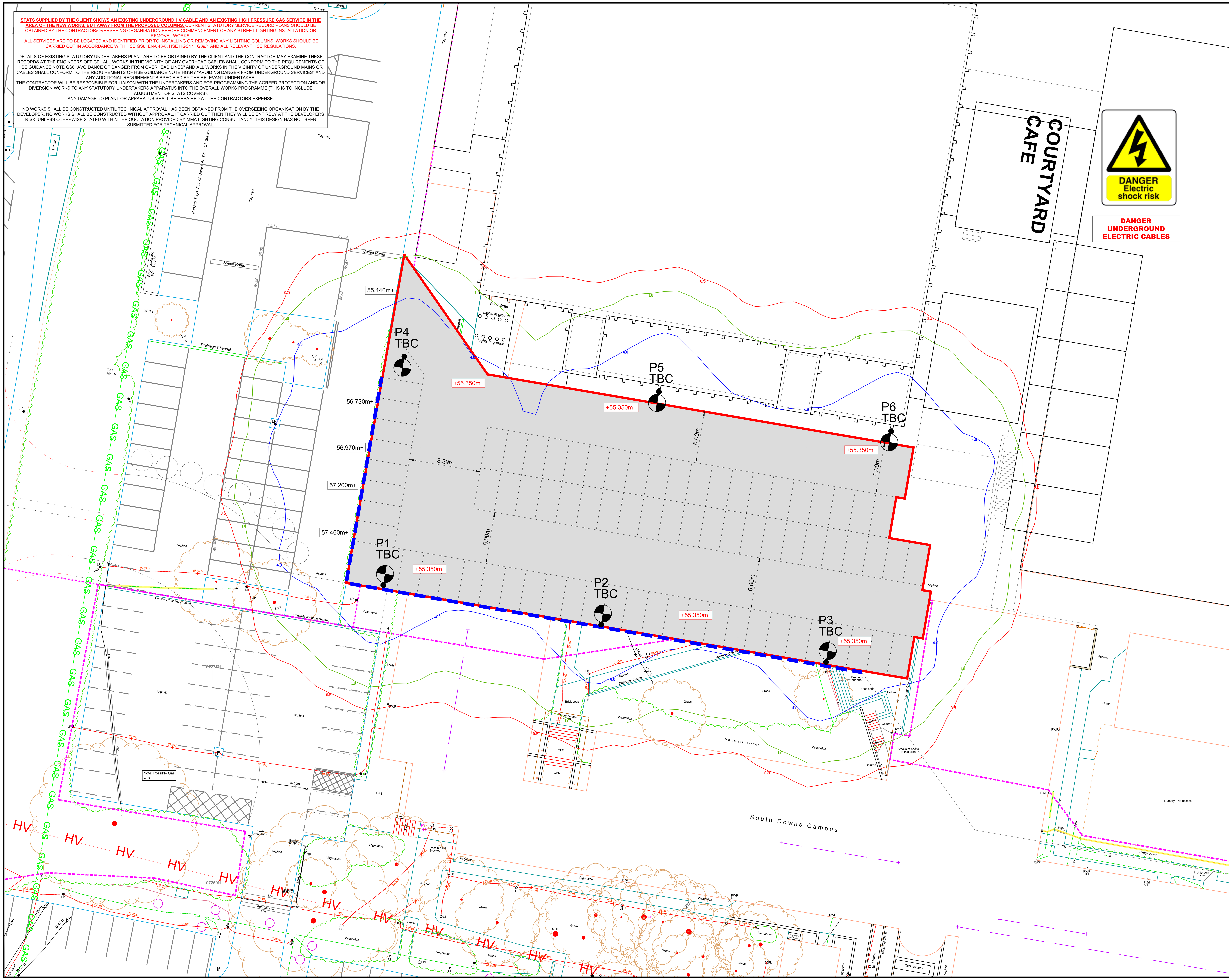
STATS SUPPLIED BY THE CLIENT SHOWS AN EXISTING UNDERGROUND HV CABLE AND AN EXISTING HIGH PRESSURE GAS SERVICE IN THE AREA OF THE NEW WORKS, BUT AWAY FROM THE PROPOSED COLUMNS. CURRENT STATUTORY SERVICE RECORD PLANS SHOULD BE OBTAINED BY THE CONTRACTOR/OVERSEEING ORGANISATION BEFORE COMMENCEMENT OF ANY 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 GS6, 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 GS6 "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.



Street Lighting Key:

Symbol	Description	
Qty 6	**Lighting Column:** Proposed galvanised tubular steel lighting column of 6.0 metre nominal height with a planted base with glass flake root protection. Column to be manufactured to: EN 40, BS EN 1461 & BS 5649 standards	
	Luminaire:	DW Windsor Kirium Pro1
	Mounting Type:	Post top mounted
	Manufacturer Ref:	KIRIUM PRO1 24LED 4K C2 CLO 600mA
	Lumen Output:	6.34klm
	Luminaire Wattage:	39 w
	Colour Temperature:	4000k Neutral White
	Luminaire Tilt:	0°
	Luminous Intensity:	G3
	Control Gear:	Electronic DALI enabled driver
	Control Type:	Standard 35/18 Lux Photocell
	Dimming Profile:	N/A
	Supply:	To be confirmed by others
	Primary Isolator:	Double pole Isolator with 32A double pole switch and BS88-2 6A HRC fuse to luminaire
	Secondary Isolator:	N/A

UNIT NUMBERING KEY:

P* Private lighting unit identification number

ELECTRICAL CONNECTION TYPE:

TBC Electrical supply to be confirmed by others

LIGHTING ISOLUX CONTOUR KEY:

0.50 Isolux contour line
1.00 Isolux contour line
4.00 Isolux contour line

EXISTING UTILTIES: LOCATIONS ARE APPROXIMATE AND HAND PLOTTED FROM PROVIDED STATS.

HV — Existing Underground HV Electric Cable with 1.25m Easement.
GAS — Existing Underground HP Gas Main with 6m Easement.

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, G39/1, HSG47 AND THE INSTITUTION OF LIGHTING PROFESSIONALS GENERAL PUBLICATION 03 (ILP GP03).

1. UNDERGROUND HIGH VOLTAGE ELECTRICITY CABLE
2. UNDERGROUND HIGH PRESSURE GAS MAINS

DRAWING TO BE PRINTED IN COLOUR TO ENABLE CORRECT VIEWING OF DRAWING SYMBOLS AND OR ANY PROPOSED CABLING.

ROADWAY DESIGNED IN ACCORDANCE WITH BS 5489:2020 & 12464-2:2014

Standard - BS EN 12464: 2014 Table 5.9.2

Class - Medium Use Car Park

Eave = 10.00 Lux
Uo = 0.25

MF = 0.76

NOTES:

ALL STREET LIGHTING IMPROVEMENTS WORK TO BE CARRIED OUT TO THE DEVELOPERS CURRENT SPECIFICATIONS AND AGREEMENTS.

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

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

PROPOSED LIGHTING COLUMNS ARE TO BE LOCATED TO THE REAR OF THE FOOTPATH WHEREVER POSSIBLE OR A MINIMUM OF 1000mm SETBACK FROM FRONT KERB EDGING.

ANY EXISTING OR PROPOSED TREES ARE TO BE CUTBACK, 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.

REV	AMENDMENT	DATE	INITIAL
R0	INITIAL DESIGN	20/01/2022	SW
R1	BASE MAP UPDATE	07/02/2022	SW

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Project title
SOUTH DOWNS COLLEGE CAR PARK 6

Drawing title
PRIVATE STREET LIGHTING DESIGN
SHEET 1 OF 1

Prepared by SW	Checked by HC
Scale 1:200 @ A1	Date 07/02/2022
Drawing Number MMA17011/001	Revision Details R1