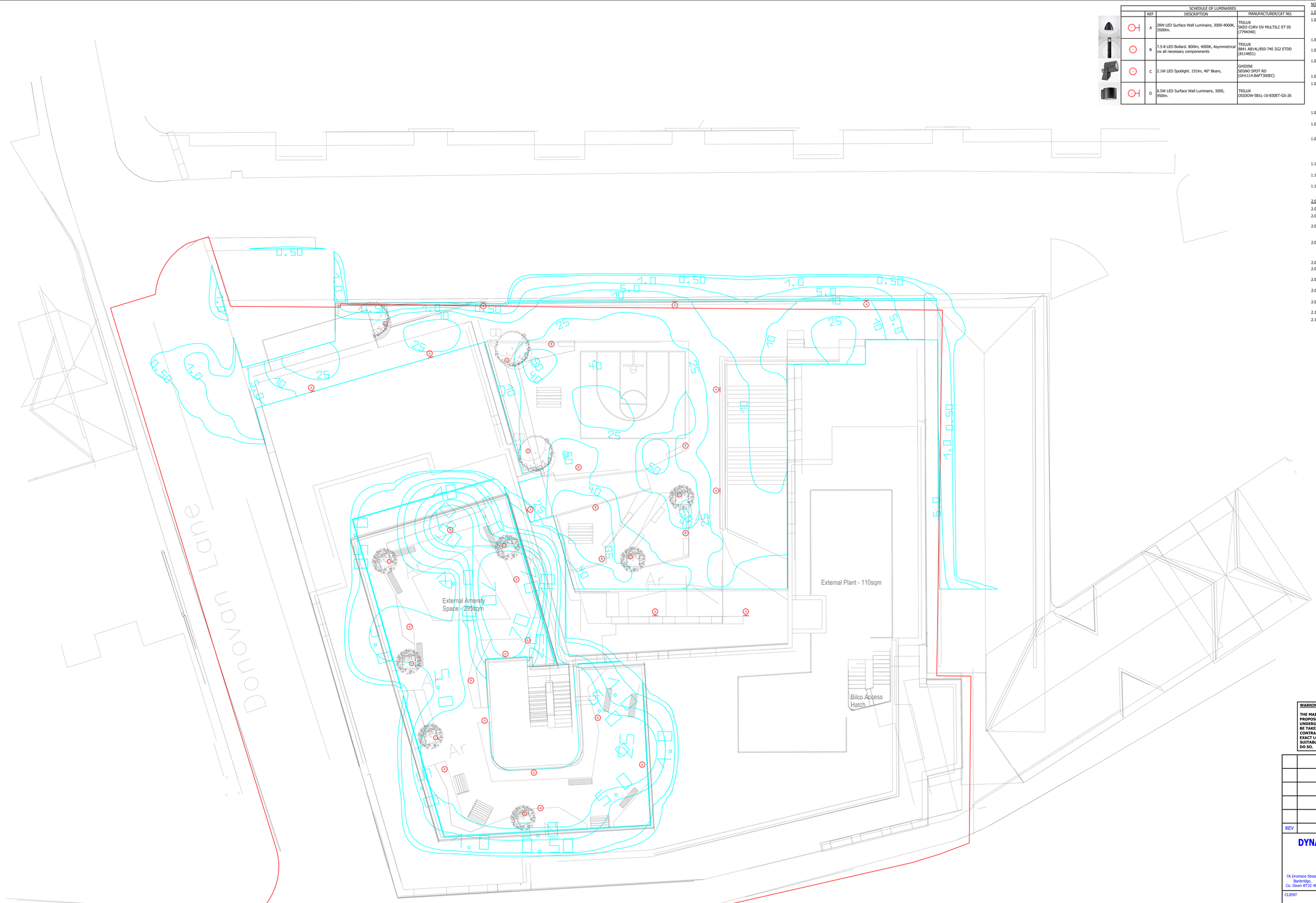
A0 - 1:100



SITE PLAN - GENERAL LIGHTING INSTALLATION

		SCHEDULE OF LUMINAIRES	
	REF	DESCRIPTION	MANUFACTURER/CAT NO.
	A	28W LED Surface Wall Luminaire, 3000-4000K, 3500lm.	TRILUX SKEO CURV OV MULTILC ET 05 (7794340)
	B	7.5-8 LED Bollard. 800lm, 4000K, Asymmetrical ow all necessary componenents	TRILUX 8841 AB14L/850-740 2G2 ETDD (8114851)
	C	2.1W LED Spotlight. 151lm, 46° Beam,	GHIDINI SEGNO SPOT RD (GH1114.8AFT300EC)
	D	8.5W LED Surface Wall Luminaire, 3000, 950lm.	TRILUX OSIDOW-SB1L-10-830ET-GS-26

NOTES:-

1.00 GENERAL NOTES:

1.01 The main contractor shall be responsible for employing a qualified and competent electrical sub-contractor to carry out the electrical services installation as indicated on this drawing, and for ensuring that the installation is complete in every respect.

1.02 All equipment, wiring accessories, etc. shall be as detailed on the schedule of materials

1.03 The complete electrical installation shall be carried out in accordance with the main contractors overall programme.

1.04 The entire electrical works shall be carried out in full compliance with the latest edition of the IS10101:2020 National Rules for Electrical Installations and to the satisfaction of the engineer.

1.05 All cable routes shall be agreed with the engineer/client on site.

1.06 The electrical sub-contractor shall be responsible for the inspection and testing of the completed installation. 2 No copies of the appropriate test certification, "As Installed" drawings, H.& S. info, etc. to be enclosed in "O.& M. manuals", and issued on the day of handover for approval by the engineer. A copy of the complete manuals shall be handed over on compact disc

1.07 All items of equipment to be suitably labelled, and circuit charts provided upon completion of the works.

1.08 All new equipment installed shall have a circuit identifiable label provided to detail the distribution board, circuit reference & breaker rating. The exact format of which shall be agreed with the engineer.

1.09 The electrical contractor shall allow for the safe removal of all redundant electrical equipment, cabling, containment, etc in line with the main contractors program ensuring the building is left electrically safe at all times. The electrical contractor shall visit site during the tender process to ascertain the full extent of these works.

1.10 Outlets, switches and controls are to be installed in full compliance with **Technical Guidance Booklet M**

1.11 This drawing shall be read in conjunction with all other drawings and the specification.

1.12 The contractor shall submit all technical/performance information and sample of each light fitting for client approval before ordering.

2.00 EXTERNAL LIGHTING NOTES:

2.01 For lighting types refer to adjacent schedule of luminaires.

2.02 The exterior lighting is to be supplied from the lighting control kiosks as indicated.

2.03 Exterior lighting to be cabled using XLPE/SWA/LSZH run in 100mm dia UPVC underground ducts, with warning tape to be laid above ducts. For cable sizes refer to cabling schedule.

2.04 The electrical contractor shall test, commission and set to work the entire external lighting installation on completion of the works and demonstrate the operation of all systems in the presence of the engineer.

2.05 All luminaires shall be installed as per manufacturers details.

2.06 The lighting circuits shall be controlled via a hand-off-auto switch and photocell.

2.07 Along the underground ductwork route manholes shall be installed at 30 meter intervals and at changes of direction.

2.08 Luminaire positions shown are approximate only, exact positions are to be agreed with the Client & Architect on site.

2.09 The emergency lighting installation shall be in accordance with **I.S. 3217:2023**.

2.10 Denotes luminaires wired on the same circuit

2.11 Denotes luminaires controlled by the same switch

FIRE STOPPING NOTES -

The Electrical Contractor shall be responsible for all firestopping as detailed below.

1. Cable tray passing through fire compartment walls to receive Hilti cable basket fire sleeves (incorporating Hilti infill material upon cable completion) for up to 120 minute fire protection in partitions. gap between plasterboard and sleeves to be no bigger than 10mm and to be filled with intumescent sealant, all installed in strict accordance with manufactures recommendations.

2. Switches and sockets within stud partition fire compartment walls to receive Hilti socket box inserts for up to 120 minute fire protection in partitions. all installed in strict accordance with manufactures recommendations.

WARNING

THE MAIN/ELECTRICAL CONTRACTOR SHALL NOTE THAT THE PROPOSED CABLE ROUTES ARE IN THE VICINITY OF EXISTING UNDERGROUND HV/LV CABLES, THEREFORE DUE CARE SHOULD BE TAKEN WHEN WORKING IN AND AROUND THESE CABLES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE UNDERGROUND CABLES USING A SUITABLY LICENSED COMPANY APPROVED BY THE ENGINEER TO DO SO.

REV	DESCRIPTION	DRN	CKD	DATE

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CLIENT
BLACKPITTS RESIDENCE COMPANY

PROJECT
BLACKPITTS STUDENT HOUSING

PROJECT No.: 4994
DRAWING No.: E01

PLANNING

DRAWING TITLE
ELECTRICAL SERVICES INSTALLATION
SITE PLAN
SITE ELECTRICAL SERVICES

DATE	SCALE	DRAWN	CHECKED
JUL'25	1:100	JMcG	TMcP