The Symbols specified are indicative only and are not to scale

Note:
- All CCTV to be directed into site.

CCTV Codes:

- Hi-Res Dome Camera CCTV (EBD 4701) under canopies
- Hi-Res Camera Field of View CCTV (ABL 4703) fixed to Structures
- Microphone
- Loud Speaker

		GV-ABL4703	GV-EBD4701
Camera			
Image Sensor		1/3" progressive scan super low lux CMOS	1/3" progressive scan super low lux CMOS
Picture Elements		2592 (H) x 1520 (V)	2688 (H) x 1520 (V)
Minimum Illumination	Color	0.03 Lux (F2.0, AGC ON)	0.01 Lux (F2.0, AGC ON)
	B/W	N/A	N/A
	IR ON	0 Lux	0 Lux
Shutter Speed		Auto / Manual (1/5 ~ 1/100000 sec)	Auto / Manual (1/6 ~ 1/100000 s)
White Balance		Auto / Manual	Auto / Manual
Gain Control		Auto / Manual	Auto / Manual
S/N Ratio		52 dB	56 dB
WDR		Yes	WDR Pro
Dynamic Range		Up to 72 dB	Up to 120 dB
Operation			
Video Compression		H.265, H.264, MJPEG	H.265
Video Streaming		Triple streams	Triple streams
Frame Rate		20 fps at 2592 x 1520	30 fps at 2688 x 1520 30 fps at 2560 x 1440 30 fps at 1920 x 1080
Audio Compression		N/A	G.711
Audio Support		N/A	One-way Audio
Optical Lens			
Day/Night		Yes (with removable IR-cut filter)	Yes (with removable IR-cut filter)
Lens Type		Fixed	Fixed
Focal Length		4 mm	2.8 mm
Maximum Aperture		F2.0	F/2.0
Mount		M12	M12
Image Format		1/3"	1/3"
Horizontal FOV		80°	107°
Operation	Focus	Fixed	Fixed
	Zoom		
	Iris		
IR LED Quantity		1 IR LED	1 IR LED
Max. IR Distance		30 m (100 ft)	30 m (100 ft)
Mechanical			
Camera Angle Adjustment	Pan	0° ~ 360°	0° ~ 360°
	Tilt	0° ~ 90°	0° ~ 90°
	Rotate	0° ~ 360°	0° ~ 360°
Connectors	Power	DC Jack, PoE	Yes
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable	DC Jack, PoE
	Audio	N/A	RJ-45 connector (10/100 Base-T)
	Digital I/O	N/A	1 In (built-in microphone)
	Local Storage	N/A	N/A microSD card slot (SD/SDHC/SDXC/UHS-I, Class 10) *UHS-II card type is not supported.
	TV Out	N/A	N/A
General			
Environment	Startup Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-31°F ~ 140°F)
	Operation Humidity	10% ~ 90% (no condensation)	0% ~ 95% (no condensation)
Power Source		12V DC / PoE (IEEE 802.3af)	12V DC / PoE (IEEE 802.3af)
Max. Power Consumption		4 W	5.5 W
Certification		FCC, CE, RoHS compliant	CE, FCC, RoHS, UL compliant
Dimensions (L X W X H)		162.9 x 62.4 x 62.7 mm (6.4" x 2.5" x 2.5")	Ø 126 x 94 mm (Ø 5.0" x 3.7")
Weight		0.37 kg (0.81 lb)	0.45 kg (0.99 lb)
Ingress Protection		IP67	IP67
Vandal Resistance		N/A	N/A

New 3.0m high Jakoustic Fence (Noise Barrier) Around Site.

Lance Wash Canopy fully covered by Dome Cameras at various locations

Drive Thru Washes fully covered by Dome Cameras at various locations

Forecourt Canopy fully covered by Dome Cameras at various locations

Vent Stack

Control Room + Store

HGV Canopy fully covered by Dome Cameras at various locations

Service Bay

Site Layout Plan - CCTV Scale 1:200

1:200

4m 0 4m 8m 12m 16m 20m

Codes:

1A — GDS KN 4K 31.8 watt 5092 1m A-V05 Lantern fitted flush on Forecourt Canopy (Swiching as required by client)

1B — 5m Steel Column to comply with BS EN 40 T111 OrangeTek IGNIS WPE 20 LED (4000K) 249mA Lantern fitted with Rear Louvre (IP66) Lantern mounted directly on top of column. Circuit watts 16

The Symbols specified are indicative only and are not to scale

Refer to Lighting Assessment Report for Details

Note:
- All Lighting to be fitted with Shielding hoods that block all upward and sideways light emission. To prevent light from spilling onto neighbor properties or the night sky.

New 3.0m high Jakoustic Fence (Noise Barrier) Around Site.

Drive Thru Washes fully covered by Lighting at various locations

Forecourt Canopy fully covered by Lights at various locations

Vent Stack

Control Room + Store

HGV Canopy fully covered by Lights at various locations

Service Bay

Site Layout Plan - Lighting Scale 1:200

1:200

4m 0 4m 8m 12m 16m 20m

Rev	description	date	by
Rev F	Lighting Consultant Amendments	06.11.26	KD
Rev E	Planning Consultant amendments	31.07.26	KD
Rev D	Planning Consultant amendments	29.07.26	KD
Rev C	Red Line updated	08.07.26	DC
Rev B	Planning Consultant Amendments	09.06.26	KD
Rev A	Planning Consultant Amendments	08.06.26	KD

Page Size	Scale	Date
A1	1:200	Jun 26
Work Status	Drawn By	Checked By
Developed Design	KD	DC

Project Title

Proposed Development Of Lands At
Liverpool Road (A57)
Liverpool, L36 2NL

Stage	Project No.	Dwg.No.	Rev
3	3736	01-04	F

Drawing Title
Site Layout Plan
CCTV and Lighting

Client
LCC Group Ltd

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NOTES:
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