

Lidl UK**Discharge of Condition 20 on Planning Permission APP/17/00656**

Response to request for additional information on proposed CCTV system from Crime Prevention Officer, as detailed in e-mail from Rachel Ballam to Chris Tookey on 9th November 2018.

- **What type of cameras and what lenses are fitted to these cameras?**
Camera model is the SNV-6084RP fixed dome camera with a 3.5-8mm motorised varifocal lens. See attached datasheet for full technical specifications.
- **Are the cameras to be used to provide images of other than the cycle storage?**
The cameras show a wider angle than just the cycle storage. Three cameras will be installed - two pole mounted and one on the building. These will provide coverage of the site entrance/egress, car park and the cycle parking and pedestrian link on to Manor Road (camera locations are detailed on drawing 3020revCN1 a copy of which is attached). The camera trained on the cycle park will be adjusted in accordance with Home Office guidance (CCTV Operational Requirements Manual 2009), with the lens set so that the image of a person at the cycle racks will fill between 25% and 30% of the screen height.
- **Are the images to be recorded? If the images are to be recorded where are they to be stored?**
The images will be recorded and stored on the in-store system for 28 days, after which they get overwritten. The recorder has a USB port that will allow images to be downloaded to an external device.
- **Are the images to be monitored in real time?**
The images can be viewed in real time in the store, although they not generally monitored.
- **Has the external lighting scheme been designed to work in conjunction with these cameras?**
The external lighting scheme has not been designed in conjunction with the CCTV, however it is Lidl's standard lighting design that provides 10lux throughout the car park. This is sufficient to allow effective use of the CCTV. It is the same lighting/CCTV design utilised successfully at other Lidl stores across the UK.

The Wise Choice for Professionals



SNV-6084R

2MP 1080p Full HD Vandal-Resistant Network IR Dome Camera

- Max. 2M (1920 x 1080) resolution, 1080p Full HD support
- 60fps@1080p Full HD
- Simple focus
- 3 ~ 8.5mm (2.8x) motorized varifocal lens
- Day & Night (ICR), Enhanced DIS, Defog
- WDR (100dB, 30fps@2MP)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming, IP66, IK10

The SNV-6084R is a vandal-resistant IR dome camera from Samsung Techwin WiseNetIII network ranges, which feature the most advanced functions from Samsung with 2 megapixel 1080p high definition images. Its high level of functionalities includes 100dB WDR which delivers 30fps at 2 megapixel 1080p, built-in IR LEDs creating clear images even in the darkness of 0 lux, and motorized varifocal lens which result in easy focus control. With enhanced features and new technologies to combat the challenges of tough environmental conditions, the SNV-6084R will meet the professional security needs of the market. In addition, rated to IP66/IK10, it can work effectively in more demanding environments that are prone to severe or varying weather conditions as well as tampering or physical attack.

SNV-6084R



Specifications

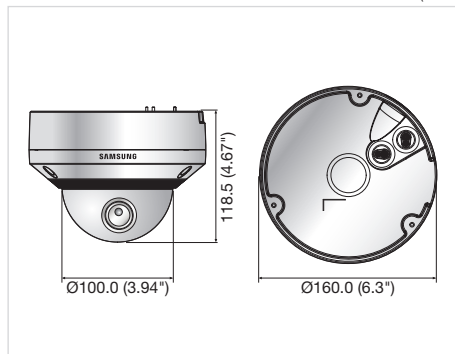
	SNV-6084RN/P
VIDEO	
Imaging Device	1/2.8" PS Exmor 2.38M CMOS
Total Pixels	1,952(H) x 1,116(V)
Effective Pixels	1,944(H) x 1,104(V)
Scanning System	Progressive
Min. Illumination	Color : 0.1Lux (1/30sec, F1.2, 50IRE), 0.0017Lux (2sec, F1.2, 50IRE), B/W : 0Lux (IR LED on)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, 704 x 480(N), 704 x 576(P), for installation, DIP connector type
LENS	
Focal Length (Zoom Ratio)	3 ~ 8.5mm (2.8x) motorized varifocal
Max. Aperture Ratio	F1.2
Angular Field of View	H : 105.5°(Wide) ~ 37.1°(Tele) / V : 57.5°(Wide) ~ 21.0°(Tele)
Min. Object Distance	0.5m (1.64ft)
Focus Control	Simple focus (Motorized V/F) / Manual
Remote control via network	(Manual, Simple focus)
Lens Type	DC auto iris
Mount Type	Board-in type
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
OPERATIONAL	
IR LED	12ea
Viewable Length	15m (49.21ft)
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (ICR) / Color / B/W / External / Schedule
Backlight Compensation	Off / BLC
Wide Dynamic Range	100dB+
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
Digital Noise Reduction	SSNR III (2D+3D noise filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto / Manual
Motion Detection	Off / On (4ea 4points polygonal zones)
Privacy Masking	Off / On (32zones with 4points of polygonal)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Minimum / Maximum / Anti flicker
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter/Exit, Appear / Disappear, Audio detection, Face detection
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Motion detection, Tempering, Audio detection, Face detection, Video analytics, Network disconnection, Alarm input
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, TCP, Local storage (SD/SDHC/SDXC) recording at Network disconnected & Event (Alarm triggers), External output
NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180
Max. Framerate	H.264 : Max. 60fps at all resolutions MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps
Video Quality Adjustment	H.264 : Compression level, Target bitrate level control, MJPEG : Quality level control
Bitrate Control Method	H.264 : CBR or VBR, MJPEG : VBR
Streaming Capability	Multiple streaming (Up to 10 profiles)
Audio In	Selectable (Mic in / Line in), Max output level : 1 Vrms
Audio Out	Supply voltage : 2.5V DC (4mA), Input impedance : approx. 2K Ohm
Audio Compression Format	Line out (3.5mm stereo mini jack) G.711 u-law / G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps
Audio Communication	Bi-directional audio
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP/UDP, RTP(TCP), RTCP/RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS/SSL login authentication, Digest login authentication
Streaming Method	IP address filtering, User access log, 802.1x authentication
Max. User Access	Unicast / Multicast 15 users at unicast mode
Memory Slot	Micro SD/SDHC/SDXC
Application Programming Interfac	Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
Webpage Language	ONVIF profile S, HTTP API v2.0, S/NP 1.2 English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver. 10, 9, 8, 7), Mozilla Firefox (Ver. 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9), Google Chrome (Ver. 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15), Apple Safari (Ver. 6.0.2(Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only
Central Management Software	SmartViewer 4.0
ENVIRONMENTAL	
Operating Temperature / Humidity	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
Ingress Protection	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Vandal Resistance	IP66 grade
ELECTRICAL	
Input Voltage / Current	IK10
Power Consumption	12V DC, 24V AC, PoE (IEEE802.3af)
MECHANICAL	Max. 9.5W (Heater off), Max. 13.5W (24V AC - Heater on)
Color / Material	
Dimensions (WxH)	Ivory / Aluminum
Weight	Ø160.0 x 118.5mm (Ø6.3" x 4.67") 960g (2.12 lb)

* Data recorded on an SD memory card may be lost or damaged by data access during power-off, mechanical shock, memory card detachment, or other operations. Data loss or damage can also occur when a memory card reaches end of life, which varies according to operational conditions. No guarantee is given against damage (including passive damage).

Design and specifications are subject to change without notice.

Dimensions

Unit : mm (inch)



Accessory (Optional)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

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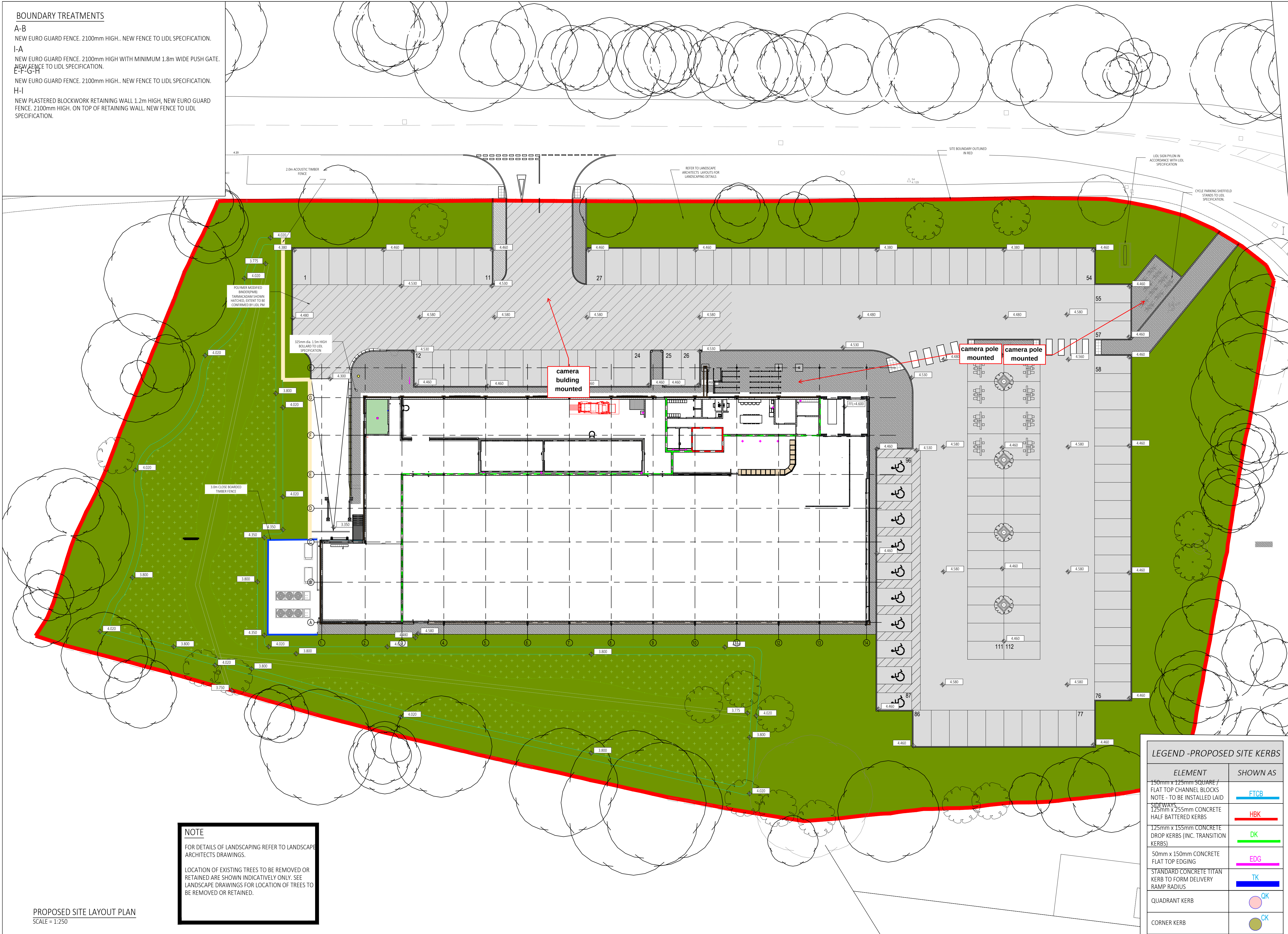
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SAMSUNG TECHWIN

BOUNDARY TREATMENTS

A-B
NEW EURO GUARD FENCE. 2100mm HIGH.. NEW FENCE TO LIDL SPECIFICATION.
I-A
NEW EURO GUARD FENCE. 2100mm HIGH WITH MINIMUM 1.8m WIDE PUSH GATE.
E-F-G-H
NEW FENCE TO LIDL SPECIFICATION.
NEW EURO GUARD FENCE. 2100mm HIGH.. NEW FENCE TO LIDL SPECIFICATION.
H-I
NEW PLASTERED BLOCKWORK RETAINING WALL 1.2m HIGH, NEW EURO GUARD FENCE. 2100mm HIGH. ON TOP OF RETAINING WALL. NEW FENCE TO LIDL SPECIFICATION.



LEGEND -PROPOSED LANDSCAPING

ELEMENT	SHOWN AS
EXISTING TREES TO BE REMOVED	
EXISTING TREES TO BE RETAINED	
TOPSOIL & GRASS SEEDED AREA AS PER LIDL CORPORATE SPECIFICATION.	
SOFT LANDSCAPED AREAS TO LIDL SPECIFICATIONS MUST BE PLANTED WITH EASY CARE GROUND COVERING PLANTS (EG. IVY, COTONEASTER, POTENTILLA YELLOW, SPIREA, BUMALDA, PLANT HEIGHT ca.300mm, WITH MIN 5 BRANCHES, PLANT DENSITY 7 PLANTS /m2. SCHRUBS MUST HAVE	

LEGEND -PROPOSED SITE FINISHES

ELEMENT	SHOWN AS
80mm KEYBLOCK PAVING SETS TO PARKING SPACES WITH PENCIL EDGED BLOCK PAVER, HERRINGBONE, ANTHRACITE IN COLOUR. LIGHT GREY BLOCKS USED FOR SPACE DEMARCATION LINES.	
STONE MASTIC ASPHALT (SMA) WITH 10mm CHIP AS PER LIDL CORPORATE SPECIFICATION	
PMB TARMACADAM	
300x300mm PAVING SLABS AROUND FOOT PATHS, and PEDESTRIAN ENTRANCE TO SITE	
SOFT LANDSCAPING REFER TO LANDSCAPE ARCHITECT DRAWINGS FOR DETAILS	
MARSHALL BLOCK PAVING SETS TO TROLLEY BAY, PEDESTRIAN PATHS & RAISED TRAFFIC ISLANDS WITH PENCIL EDGED BLOCK PAVER, STRETCHBOND, ANTHRACITE IN COLOUR.	
LOADING BAY RAMP & FOOTPATHS -CONCRETE	
NOTE: PAVING BLOCK SAMPLES TO BE AGREED WITH PROJECT MANAGER PRIOR TO INSTALLATION	
SITE BOUNDARY	
600mm HIGH TIMBER KNEE RAIL FENCE TO LIDL SPECIFICATION DETAIL	
PROPOSED GATEKEEPER CABLE DUCT (100mm)	
1.2m HIGH PROPOSED RETAINING WALL REFER TO SITE SECTIONS FOR DETAILS	
1.0m HIGH SAFETY METAL FENCE/RAIL IN ACCORDANCE WITH LIDL SPECIFICATION	
2.1m HIGH POWDER COATED BLACK EUROGUARD FENCE TO LIDL SPECIFICATION	
2.1m HIGH CLOSED BOARD TIMBER FENCE TO LIDL SPECIFICATION	

LEGEND -PROPOSED SITE KERBS

ELEMENT	SHOWN AS
150mm x 125mm SQUARE / FLAT TOP CHANNEL BLOCKS NOTE - TO BE INSTALLED LAID SIDEWAYS	
125mm x 255mm CONCRETE HALF BATTERED KERBS	
125mm x 155mm CONCRETE DROP KERBS (INC. TRANSITION KERBS)	
50mm x 150mm CONCRETE FLAT TOP EDGING	
STANDARD CONCRETE TITAN KERB TO FORM DELIVERY RAMP RADIUS	
QUADRANT KERB	
CORNER KERB	

NOTE

FOR DETAILS OF LANDSCAPING REFER TO LANDSCAPE ARCHITECTS DRAWINGS.
LOCATION OF EXISTING TREES TO BE REMOVED OR RETAINED ARE SHOWN INDICATIVELY ONLY. SEE LANDSCAPE DRAWINGS FOR LOCATION OF TREES TO BE REMOVED OR RETAINED.

PROPOSED SITE LAYOUT PLAN
SCALE = 1:250

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SITE LAYOUT
LANDSCAPE LAYOUT, LEVELS FALLS AND GRADIENTS

CN1	20.04.2018	SPK	FIRST DRAFT CONSTRUCTION ISSUE
Rev	Date	By	Description

Scale	1:250	Page Size	@ A1	Status	CONSTRUCTION
Drawn by	SPK	Date	APR 2018	Drawn by	MM
Project No	18059	Project No	3020	Project No	CN1