

**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 9<sup>th</sup> 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).
- **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.
- **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 SND-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

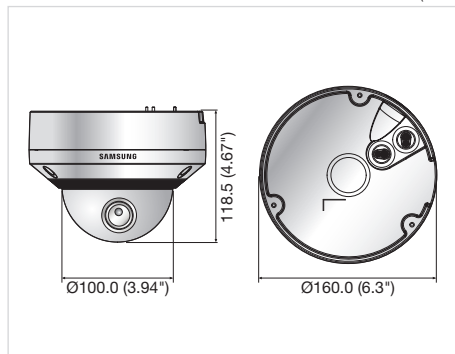
|                                  | SNV-6084RN/P                                                                                                                                                                                                                                                                      |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VIDEO</b>                     |                                                                                                                                                                                                                                                                                   |
| 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                                                                                                                                                                                 |
| <b>LENS</b>                      |                                                                                                                                                                                                                                                                                   |
| 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)                                                                                                                                                                                                                                                            |
| <b>Lens Type</b>                 | DC auto iris                                                                                                                                                                                                                                                                      |
| <b>Mount Type</b>                | Board-in type                                                                                                                                                                                                                                                                     |
| <b>PAN / TILT / ROTATE</b>       |                                                                                                                                                                                                                                                                                   |
| Pan / Tilt / Rotate Range        | 0° ~ 354° / 0° ~ 67° / 0° ~ 355°                                                                                                                                                                                                                                                  |
| <b>OPERATIONAL</b>               |                                                                                                                                                                                                                                                                                   |
| 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                                                                                                            |
| <b>NETWORK</b>                   |                                                                                                                                                                                                                                                                                   |
| 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<br>MJPEG : 1920 x 1080, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps<br>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)<br>G.711 u-law / G.726 selectable, G.726 (ADPCM) 8KHz, G.711 8KHz                                                                                                                                                                               |
| Audio Communication              | G.726 : 16Kbps, 24Kbps, 32Kbps, 40Kbps                                                                                                                                                                                                                                            |
| IP                               | Bi-directional audio                                                                                                                                                                                                                                                              |
| Protocol                         | IPv4, IPv6                                                                                                                                                                                                                                                                        |
| Security                         | 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                                                                                                         |
| Streaming Method                 | HTTP(S) login authentication, Digest login authentication                                                                                                                                                                                                                         |
| Max. User Access                 | IP address filtering, User access log, 802.1x authentication                                                                                                                                                                                                                      |
| Memory Slot                      | Unicast / Multicast                                                                                                                                                                                                                                                               |
| Application Programming Interfac | 15 users at unicast mode                                                                                                                                                                                                                                                          |
| Webpage Language                 | Micro SD/SDHC/SDXC                                                                                                                                                                                                                                                                |
| Web Viewer                       | Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded                                                                                                                                                                                                          |
| Central Management Software      | ONVIF profile S, HTTP API v2.0, S/NP 1.2                                                                                                                                                                                                                                          |
| ENVIRONMENTAL                    | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish                                                                      |
| Operating Temperature / Humidity | Supported OS : Windows XP / VISTA / 7 / 8, MAC OS X 10.7                                                                                                                                                                                                                          |
| Storage Temperature / Humidity   | 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 |
| Ingress Protection               | SmartViewer 4.0                                                                                                                                                                                                                                                                   |
| Vandal Resistance                | 24V AC : -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH                                                                                                                                                                                                                        |
| ELECTRICAL                       | 12V DC, PoE : -10°C ~ +55°C (-14°F ~ +131°F) / Less than 90% RH                                                                                                                                                                                                                   |
| Input Voltage / Current          | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH                                                                                                                                                                                                                                 |
| Power Consumption                | IP66 grade                                                                                                                                                                                                                                                                        |
| MECHANICAL                       | IK10                                                                                                                                                                                                                                                                              |
| Color / Material                 | Ivory / Aluminum                                                                                                                                                                                                                                                                  |
| Dimensions (WxH)                 | Ø160.0 x 118.5mm (Ø6.3" x 4.67")                                                                                                                                                                                                                                                  |
| Weight                           | 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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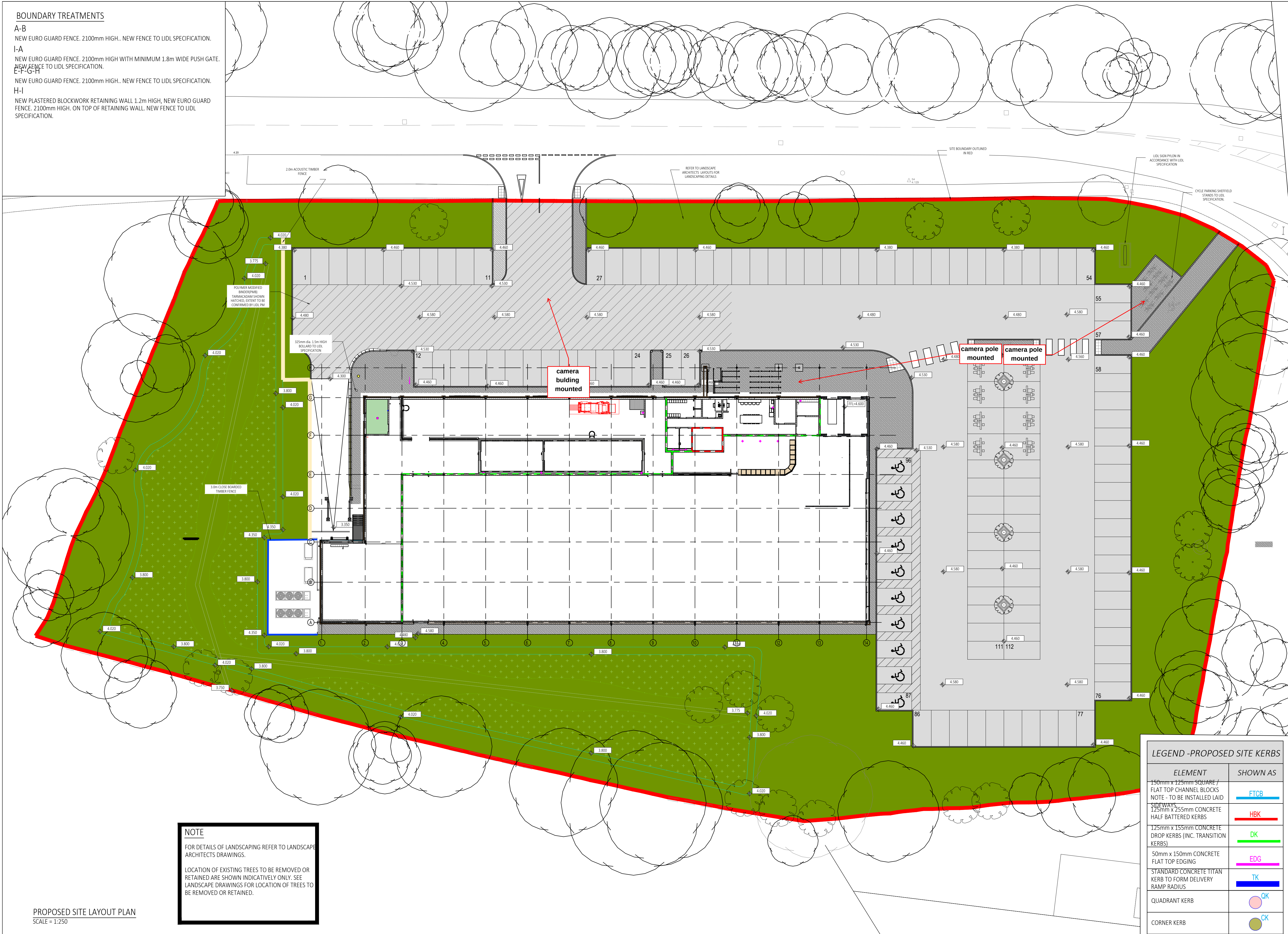
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**SAMSUNG TECHWIN**

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:<br>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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ADSTON

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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                    |

|            |       |            |          |            |              |
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