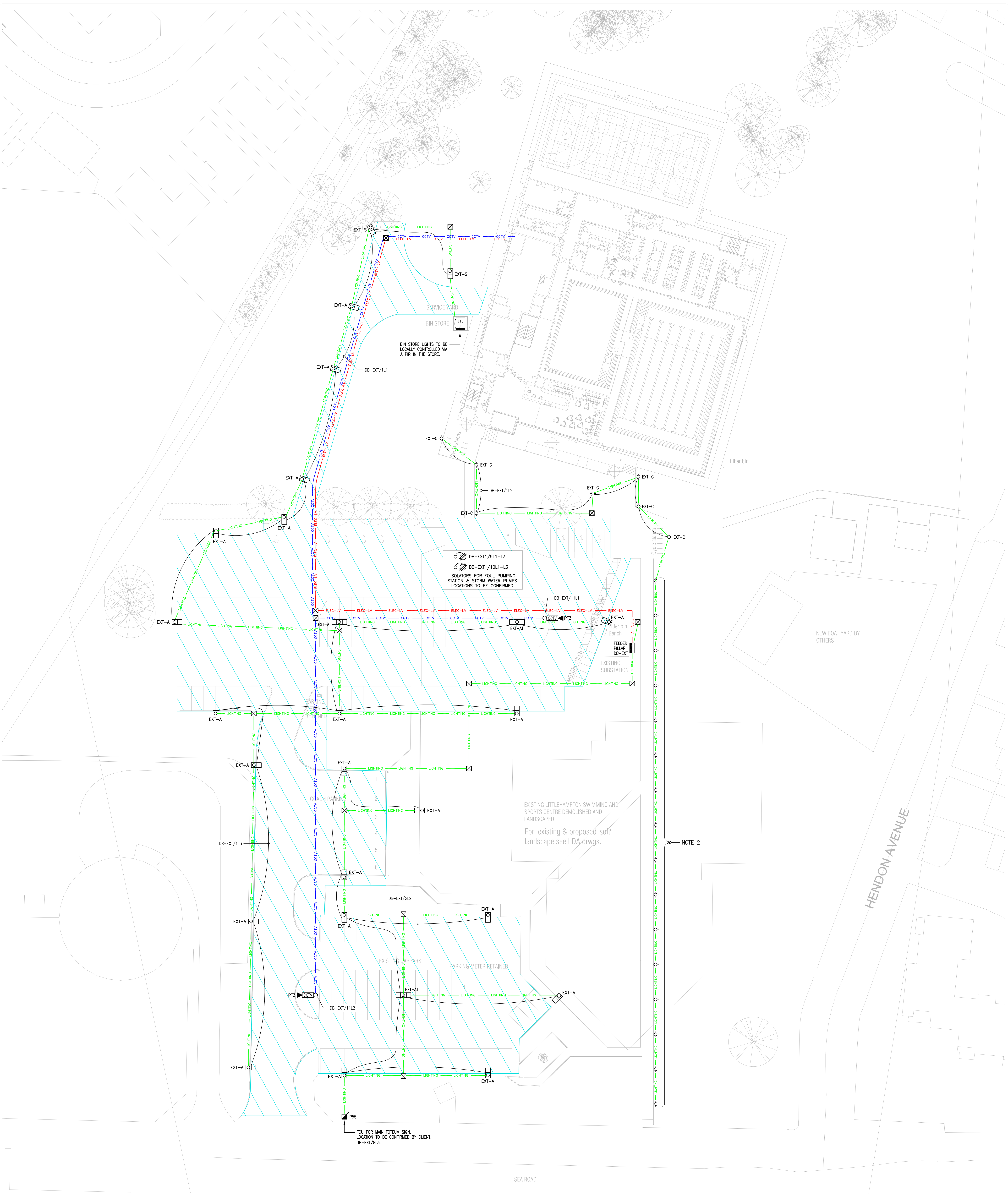




| SYMBOL LEGEND & DESCRIPTION |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
|                             | EXTERNAL IP66 CCTV CAMERA                                                                       |
|                             | PAN/TILT/ZOOM CAMERA MOUNTED ON 6M HIGH CCTV COLUMN                                             |
|                             | CCTV COVERAGE ZONES, NOTE 3                                                                     |
|                             | COLUMN MOUNTED SINGLE HEAD LUMINAIRE, REFER TO M&E SPECIFICATION FOR FURTHER DETAILS.           |
|                             | COLUMN MOUNTED TWIN HEAD LUMINAIRE, REFER TO M&E SPECIFICATION FOR FURTHER DETAILS.             |
|                             | WALL MOUNTED BULKHEAD LUMINAIRE                                                                 |
|                             | LED BOLLARD                                                                                     |
|                             | DOWNLIGHTER, IP66, MOUNTED IN SOFFIT                                                            |
|                             | COLUMN MOUNTED SINGLE HEAD LUMINAIRE, REFER TO M&E SPECIFICATION FOR FURTHER DETAILS.           |
|                             | EXTERNAL FEEDER PILLAR (REFER TO M&E SPECIFICATION V90/SOLOIST FOR FEEDER PILLAR SPECIFICATION) |
|                             | MAN-HOLE / DRAW PIT                                                                             |
|                             | FUSED CONNECTION UNIT, IP55.                                                                    |
|                             | IP RATED THREE PHASE ISOLATOR.                                                                  |
|                             | ELEC-LV 100mmØ DUCT                                                                             |
|                             | LV 100mmØ DUCT                                                                                  |
|                             | DATA 100mmØ DUCT                                                                                |
|                             | 100mmØ DUCT FOR LIGHTING                                                                        |
|                             | 2x 100mmØ DUCTS FOR CCTV, 1 FOR POWER & 1 FOR DATA                                              |

- NOTES :
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH VAN ZYL & DE VILLIERS STANDARD AND DETAILED ELECTRICAL/MECHANICAL SPECIFICATION.
  - AVENUE LIGHTING IS TO BE PROCURED UNDER THE REINSTATEMENT WORKS (BY OTHERS).
  - CCTV COVERAGE TO BSEN 50132-7 "IDENTIFY".
  - TESTING OF EMERGENCY LUMINAIRES VIA KEYSWITCH ADJACENT TO LOCAL DISTRIBUTION BOARD DB-GEN(G).

| REVISIONS                 |          |                |       |
|---------------------------|----------|----------------|-------|
| NO.                       | DATE     | DESCRIPTION    | APPD. |
| P1                        | 12/04/17 | STAGE 4A DRAFT | PV    |
| P2                        | 14/06/17 | STAGE 4B ISSUE | PV    |
| APLS&P 3519(03)/100 Rev 1 |          |                |       |



PROJECT:  
LITTLEHAMPTON  
LEISURE CENTRE

DESCRIPTION:  
EXTERNAL LIGHTING AND  
CCTV LAYOUT

van zyl & de villiers  
CONSULTING ENGINEERS

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|                                          |               |                 |              |
|------------------------------------------|---------------|-----------------|--------------|
| DRAWN:<br>PFL                            | DESIGN:<br>PF | SCALE:<br>1:250 | PAPER:<br>A0 |
| DRAWING NO:<br>1860-VZV-V4-00-DR-E-00001 |               |                 | REV:<br>P2   |