

This drawing is issued for Electrical purposes only, and should be read in conjunction with the Electrical Specification. Setting out of Electrical and Electronic accessories are to be as indicated on Architects details.

Refer to Architects and Structural Drawings for all building dimensions, latest building revisions and services.

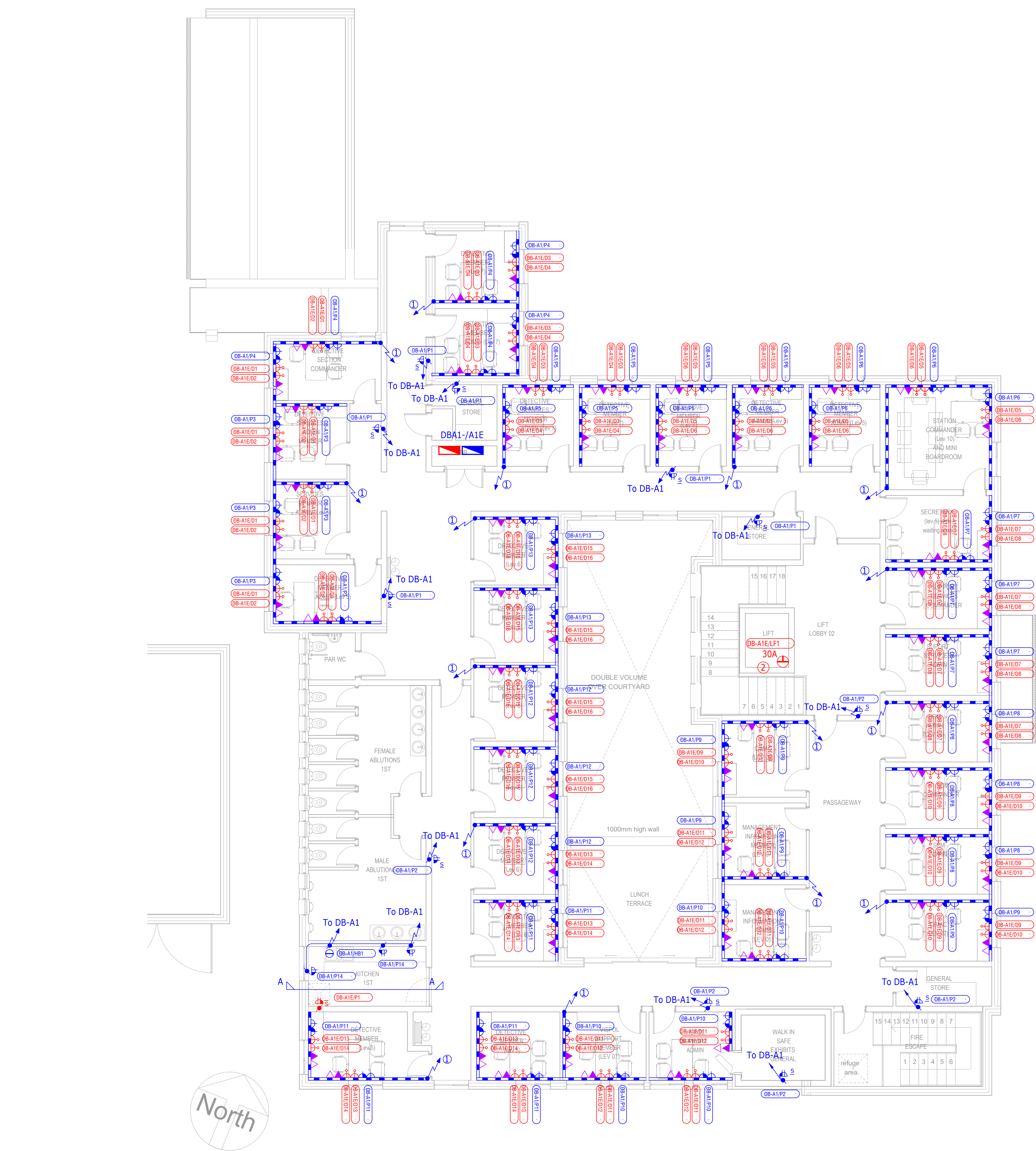
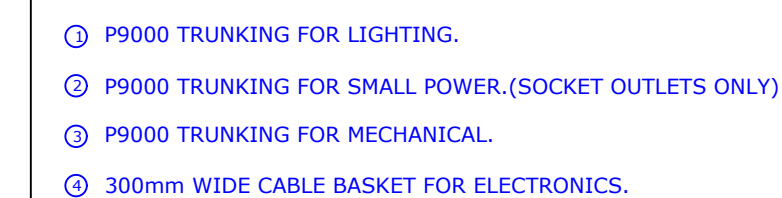
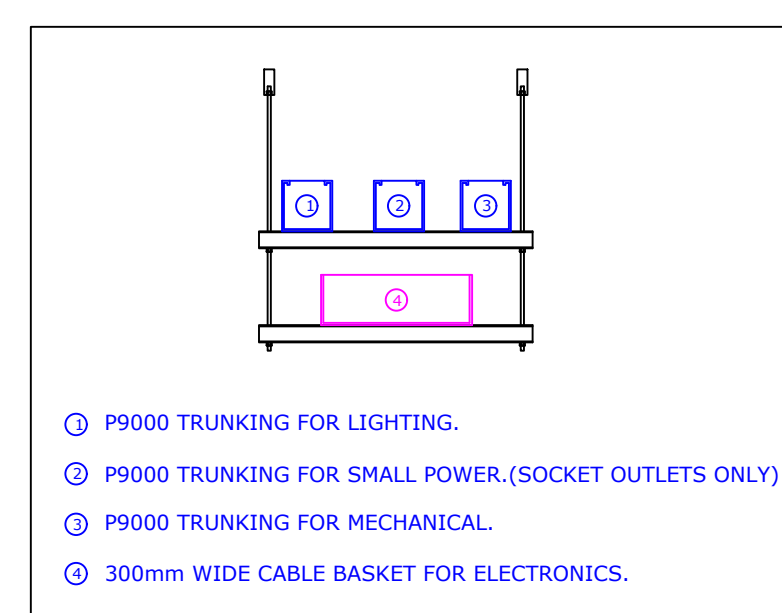
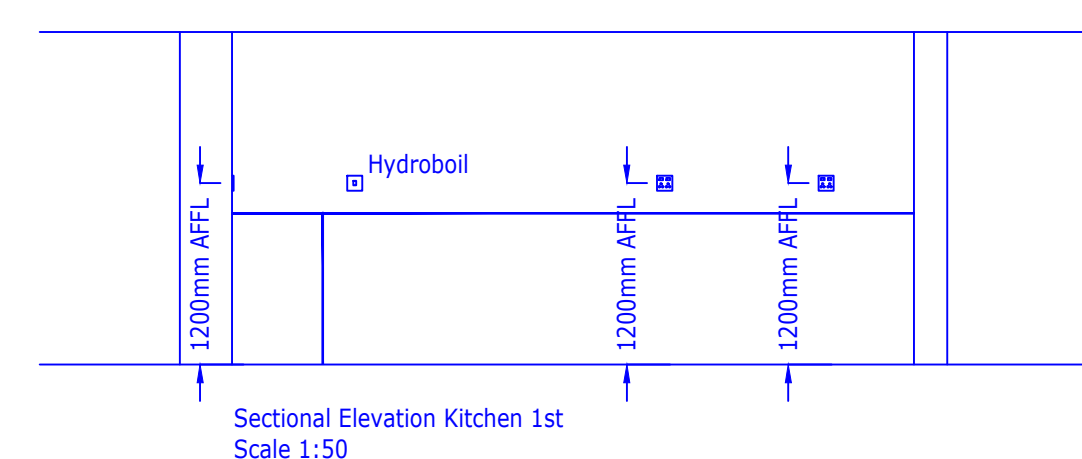
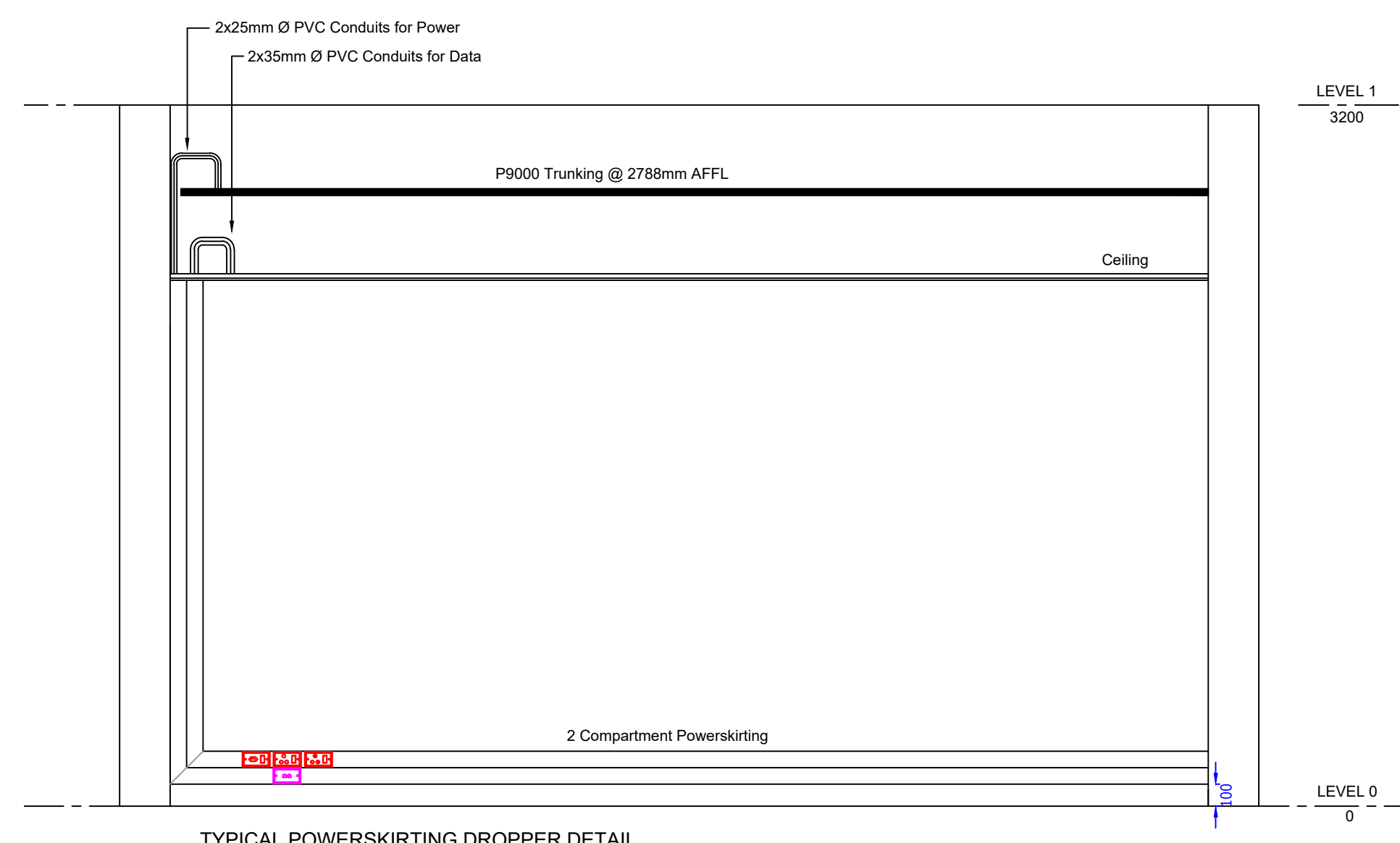
Do not scale this drawing.

All work to comply with relevant Standards, Codes of Practice, Specification and Regulations.

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DRAWING NOTES

- ① Refer to Trunking Riser Detail  
② 30A 3Phase Isolator in Lift Shaft for Lift



**NOTES:** (1) - Contractor to ensure max distance between draw boxes 20 metres notwithstanding anything to contrary

|                                                                                   |                                 |                                                                                     |                                      |
|-----------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------|--------------------------------------|
|  | 100-120V CONDUIT BOX            |  | ROUND DRAB BOX                       |
|  | 100-120V CONDUIT BOX AT 500AMP  |  | 100-120V DRAB BOX                    |
|  | 100-120V CONDUIT BOX AT 1400AMP |  | 100-50V BOX REVISED POWER SCHEDING   |
|  | 100-120V CONDUIT BOX            |  | CONDUIT TUNED UP (1" FOR 500V)       |
|  | 100-50V CONDUIT BOX AT 3000AMP  |  | DOWN CONDUCTOR TO EARTH OR EARTH TIE |
|  | 100-50V CONDUIT BOX AT 1400AMP  |                                                                                     |                                      |
|  | ROUND CONDUIT BOX               |                                                                                     |                                      |
|  | CLUSTER BOX (SIZE AS NOTED)     |                                                                                     |                                      |

(2) - Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends

00 OVERHEAD CAST-IN  
05 OVERHEAD ON SURFACE OR LAID ON CEILING  
10 FLOOR SLAB CAST-IN  
15 FLOOR SURFACE (IN FLOOR VOID)  
20 POWER SPLITTING  
25 TRUNCONG  
30 CABLE SLEEVE  
35 CABLE TRAY/LADDER

(3) - All unwired conduits to be provided with draw wires. These will be withdrawn and checked at random

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  6A 50/55 15A 3 UNWITTED SOCKET OUTLET.<br> SINGLE LEVER ONE WAY LIGHT SWITCH<br> INTERMEDIATE LIGHT SWITCH<br> TWO WAY LIGHT SWITCH<br> MOTION SENSOR<br> LIGHT SWITCH WITH MOTION SENSOR |  LINPAR LUMINAIRE<br> BULKHEAD/DOWNLIGHTER, ETC.<br> WALL MOUNTED LUMINAIRES<br> POLE MOUNTED LUMINAIRE |
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(4) - Cast in conduits to be spaced 35mm. minimum

|                                                                                       |                                                                |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | REFERENCE TO QUANTITY i.e. 3M6.                                |
|  | REFERENCE TO A DETAIL i.e. DETAIL 2.                           |
|  | REFERENCE TO AN ELECTRICAL NOTE<br>i.e. NOTE 4.                |
| # 34                                                                                  | REFERENCE TO A STANDARD DRAWING<br>i.e. STANDARD DRAWING No.34 |

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6 CABLE NUMBER - REFER CABLE SCHEDULE FOR DETAILS

HD<sup>5</sup> LUMINAIRE TYPE "B" - REFER LUMINAIRE SCHEDULE.

JMK

Approved in Principle  
Justin Mckelvie-King  
Pr Eng : 20120548



|     |          |    |                             |     |
|-----|----------|----|-----------------------------|-----|
|     |          |    |                             |     |
|     |          |    |                             |     |
|     |          |    |                             |     |
|     |          |    |                             |     |
|     |          |    |                             |     |
| B   | 18/11/24 | CW | Revised to Client's Request | MK  |
| A   | 10/09/24 | CW | Powerskirting Revised       | MK  |
| O   | 13/09/24 | CW | Original Issue              | MK  |
| REV | DATE     | BY | DESCRIPTION                 | CHK |

### PROJECT NOTES

Samora Machel Police Station  
Electrical Installation