## GENERAL NOTES

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 power skirting dropper detail
2. Corporate Connector Consisting of:
   1 x UPS SSO
   1 X Dedicated SSO
   1 x Data Point
   1 x Normal SSO
3. Floor Box - Existing Position to Remain
4. Existing conduits to be re-used
5. Existing 100x100x50mm conduit boxes and conduits to be re-used
6. Socket Outlet in Ceiling Void
7. 10A Isolator for Fire Panel
8. SSO mounted @ 1200mm AFFL

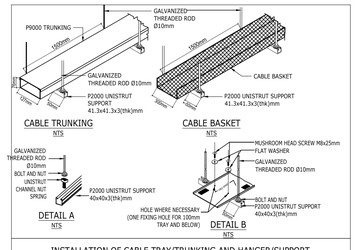
*Colour Coding of Socket Outlets:*

| | |
|---|---|
| • Normal SSO Unshaved | Cover Plate Colour: White<br>Switch Colour: White |
| • Essential SSO | Cover Plate Colour: White<br>Switch Colour: White |
| • UPS SSO 45 Degree shave | Cover Plate Colour: Black<br>Switch Colour: Black |
| • Dedicated SSO 0 Degree shave | Cover Plate Colour: Red<br>Switch Colour: Red |

*Colour Coding of Isolators:*

| | |
|---|---|
| • Normal Isolator | Cover Plate Colour: White<br>Switch Colour: White |
| • Essential Isolator | Cover Plate Colour: White<br>Switch Colour: Red |
| • UPS Isolator Socket Outlet | Cover Plate Colour: Black<br>Switch Colour: Black |

TYPICAL POWERSKIRTING DROPPER DETAIL
Scale 1:50




INSTALLATION OF CABLE TRAY/TRUNKING AND HANGER/SUPPORT
NTS

| REV | DATE | BY | DESCRIPTION | CHK |
|---|---|---|---|---|
| 0 | | SVJ | Original Issue | MK |

REVISIONS

Approved in Principle
Justin McKelvie-King
Pr Eng : 20120548

PROJECT/SERVICES
Makhaza Police Station
Electrical Installation

TITLE
Ground Floor
Electronics Layout

| ENGINEER: | DRAWN BY: | DATE: | CHECKED: | SCALE: |
|---|---|---|---|---|
| MK | SVJ | 19/07/24 | MK | 1:100 |

| PROJECT NO. | DRAWING No. | SHEET | PAPER SIZE | REV. |
|---|---|---|---|---|
| 32307 | 300 | 1 of 1 | A0 | 0 |

FILE: 32307_300 LAYERS:

A0 MST 1

NOTES: (1) - Contractor to ensure max distance between draw boxes 20 metres notwithstanding anything to contrary. (2) - Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends. (3) - All unwired conduits to be provided with draw wires. These will be withdrawn and checked at random. (4) - Cast in conduits to be spaced 35mm. minimum.

- 100x100 CONDUIT BOX.
- 100x100 CONDUIT BOX AT 300MFFL.
- 100x100 CONDUIT BOX AT 1400MFFL.
- 100x50 CONDUIT BOX
- 100x50 CONDUIT BOX AT 300MFFL.
- 100x50 CONDUIT BOX AT 1400MFFL.
- ROUND CONDUIT BOX.
- CLUSTER BOX (SIZE AS NOTED)
- ROUND DRAW BOX
- 100x100 DRAW BOX
- 100x50 BOX BEHIND POWER SKIRTING
- CONDUIT TURNED UP ("D" FOR DOWN)
- DOWN CONDUCTOR TO EARTH OR EARTH TIE.
- ROUND CONDUIT BOX FOR:
  - DH - DOOR MONITOR
  - CAM - CAMERA
  - AA - ACCESS ALARM
  - AC - ACCESS CONTROL
  - CR - CARD READER
  - COM - COMMUNICATION/INTERCOM
  - BGR - BACK GROUND MUSIC
  - EL - ELECTRIC LOCK/STRIKE
- 20mm. DIA. CONDUIT.
- 25mm. DIA. CONDUIT.
- 32mm. DIA. CONDUIT.
- 50mm. DIA. CONDUIT.
- SECTION OF CONDUIT OMITTED FOR CLARITY.
- SUBTEX
- TWIN AND EARTH
- CABLE ROUTE.
- OC OVERHEAD CABT-IN
- IN OVERHEAD ON SURFACE OR LAID ON CEILING.
- FC FLOOR SLAB CABT-IN.
- FL FLOOR SURFACE (ON FLOOR VOID).
- POWER SKIRTING
- TRUNKING
- CABLE SLEEVE.
- CABLE TRAY/LADDER
- SQUARE GALV. STEEL DRAW TRAY SIZE AS SHOWN.
- TELEPHONE JUNCTION BOX.
- INTERCOM JUNCTION BOX.
- DATA/COMMS JUNCTION BOX.
- SECURITY, ETC. JUNCTION BOX
- DISTRIBUTION BOARD POSITION.
- DB-1 BOARD DESIGNATION NUMBER.
- 6A SANS 164-1 SWITCHED SOCKET OUTLET (SSO).
- 16A SANS 164-1 DOUBLE SSO.
- 16A SANS 164-1 SSO ON PEDESTAL.
- 16A SANS 164-2-1 FIN SSO.
- 16A SANS 164-1 AND 164-2 COMBINATION SSO.
- 16A SANS 164-4 RED SSO (3rd SHAKED EARTH PIN)
- 16A SANS 164-4 RED SSO ON PEDESTAL.
- 3 PHASE C-FORM SSO.
- 2 POLE ISOLATOR
- 3 POLE ISOLATOR
- 4 POLE ISOLATOR
- LINEAR LUMINAIRE
- BULKHEAD/DOWNLIGHTER, ETC.
- WALL MOUNTED LUMINAIRES
- POLE MOUNTED LUMINAIRE.
- TELEPHONE POINT.
- TELEPHONE POINT ON PEDESTAL.
- DIRECT OUTSIDE LINE TELEPHONE POINT (CALL BOX).
- TV OUTLET.
- DATA/COMMS OUTLET.
- BELL PUSH.
- BELL OUTLET.
- SIGN POINT.
- CLOCK OUTLET.
- PHOTOCELL
- REFERENCE TO QUANTITY i.e. 2No.
- REFERENCE TO A DETAIL i.e. DETAIL 2.
- REFERENCE TO AN ELECTRICAL NOTE i.e. NOTE 4.
- REFERENCE TO A STANDARD DRAWING i.e. STANDARD DRAWING No.34
- CABLE NUMBER - REFER CABLE SCHEDULE FOR DETAILS.
- LUMINAIRE TYPE 'B' - REFER LUMINAIRE SCHEDULE.