

TRUNKING

= = = = CABLE SLEEVE.

CABLE TRAY/LADDER

\_\_\_\_\_ S\_\_\_\_\_ SURFIX

U TWIN AND EARTH

CABLE ROUTE

COM - COMMUNICATION/INTERCOM

BGM - BACK GROUND MUSIC

EL - ELECTRIC LOCK/STRIKE

ROUND CONDUIT BOX.

**GENERAL NOTES** 

This drawing is issued for Electrical purposes only, and should be read in conjunction with the Electrical Specification. Settin 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.

permission of the author.

**DRAWING NOTES** 

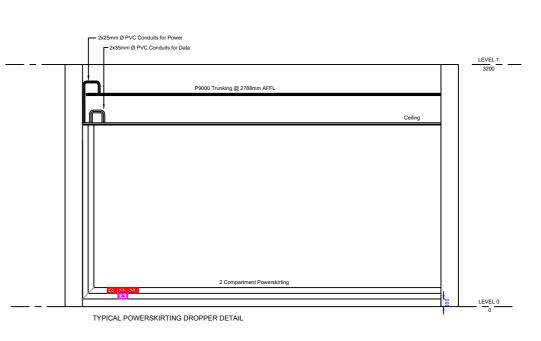
All work to comply with relevant Standards, Codes of Practice,

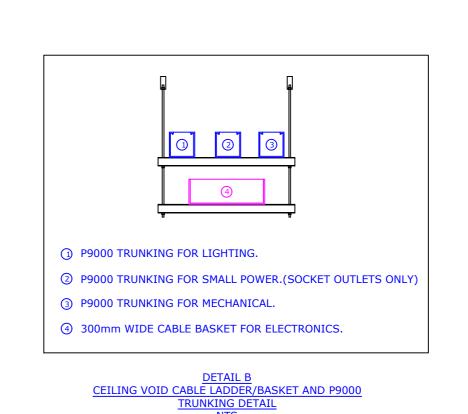
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① Refer to power skirting dropper detail Mid Wall AC Units fed from P9000 Trunking

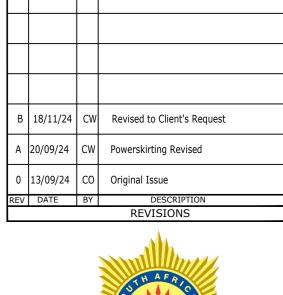
Console Unit Isolators mounted on Powerskirting ③ 30A 3Phase Isolator in Lift Shaft for Lift







Approved in Principle Justin Mckelvie-King Pr Eng: 20120548





PROJECT/SERVICES
Samora Machel Police Station Electrical Installation
Electrical Installation

First Floor Mechanical Power Layout

32308 221

(2) - Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends. (4) - Cast in conduits to be spaced 35mm. minimum. NOTES: (1) - Contractor to ensure max distance between draw boxes 20 metres notwithstanding anything to contrary. (3) - All unwired conduits to be provided with draw wires. These will be withdrawn and checked at random. SQUARE GALV. STEEL DRAW TRAY SIZE AS SHOWN. 20mm. DIA. CONDUIT. 25mm. DIA. CONDUIT. M ROUND CONDUIT BOX FOR: 16A SANS 164-1 SWITCHED SOCKET OUTLET (SSO). TELEPHONE POINT. 6 CABLE NUMBER - REFER CABLE SCHEDULE FOR DETAILS. 3 REFERENCE TO QUANTITY i.e. 3No. ⇒ 16A SANS 164-1 DOUBLE SSO. SINGLE LEVER ONE WAY LIGHT SWITCH. ■S 100x100 DRAW BOX etc. DM - DOOR MONITOR OVERHEAD ON SURFACE OR LAID ON CEILING. TELEPHONE JUNCTION BOX. BELL OUTLET. INTERMEDIATE LIGHT SWITCH BULKHEAD/DOWNLIGHTER, ETC. TELEPHONE POINT ON PEDESTAL. H 16A SANS 164-1 SSO ON PEDESTAL. - - - 32mm. DIA. CONDUIT. FLOOR SLAB CAST-IN. € 100x100 CONDUIT BOX AT 1400AFFL P 100x50 BOX BEHIND POWER SKIRTING CAM - CAMERA REFERENCE TO A DETAIL i.e. DETAIL 2. INTERCOM JUNCTION BOX. 16A SANS 164-2 3 PIN SSO. TWO WAY LIGHT SWITCH DIRECT OUTSIDE LINE TELEPHONE POINT (CALL BOX). — — — — 50mm. DIA. CONDUIT.  $\biguplus^{\mathsf{B}}$  Luminaire type "b" - Refer Luminaire Schedule. S SIGN POINT. AA - ACCESS ALARM FLOOR SURFACE (IN FLOOR VOID). M WALL MOUNTED LUMINAIRES ₱ 16A SANS 164-1 AND 164-2 COMBINATION SSO. REFERENCE TO AN ELECTRICAL NOTE i.e. NOTE 4. CONDUIT TURNED UP ("D" FOR DOWN) D DATA/COMMS JUNCTION BOX. SECTION OF CONDUIT
OMMITED FOR CLARITY MOTION SENSOR AC - ACCESS CONTROL Po 16A SANS 164-4 RED SSO (0° SHAVED EARTH PIN) <u>★</u> 100x50 CONDUIT BOX AT 300AFFL. POWER SKIRTING CLOCK OUTLET. DOWN CONDUCTOR TO EARTH OR EARTH TIE. SECURITY, ETC. JUNCTION BOX TV OUTLET. De 164 SANS 164-4 RED SSO (N° SHAVED EARTH
De 16A SANS 164-4 RED SSO ON PEDISTAL
E 3 PHASE C-FORM SSO.
De 2 POLE ISOLATOR
De 3 POLE ISOLATOR
De 4 POLE ISOLATOR ◆D POLE MOUNTED LUMINAIRE. CR - CARD READER # 34 REFERENCE TO A STANDARD DRAWING i.e. STANDARD DRAWING No.34

DISTRIBUTION BOARD POSITION.

DB-1 BOARD DESIGNATION NUMBER.

LIGHT SWITCH WITH MOTION SENSOR

DATA/COMMS OUTLET.