

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.

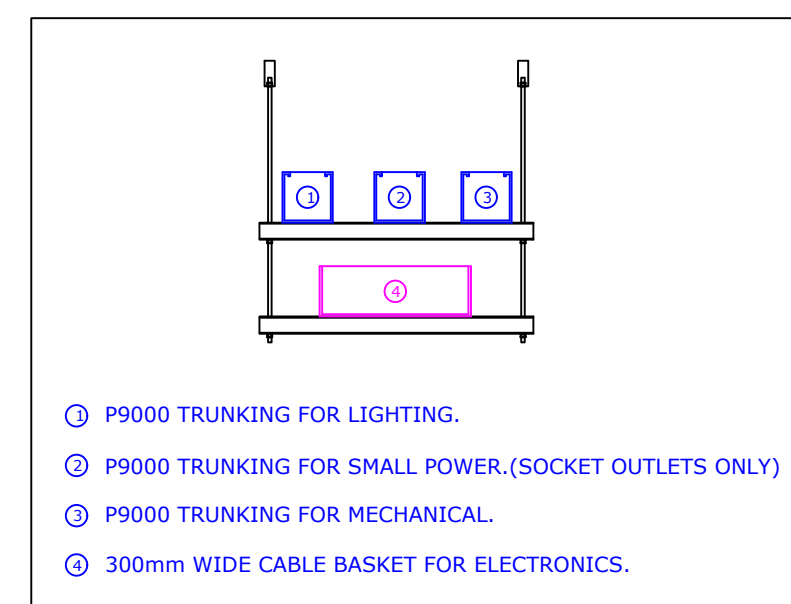
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LIGHT SWITCHES TO BE MOUNTED AT
1100mm AFFL UNLESS OTHERWISE STATED.

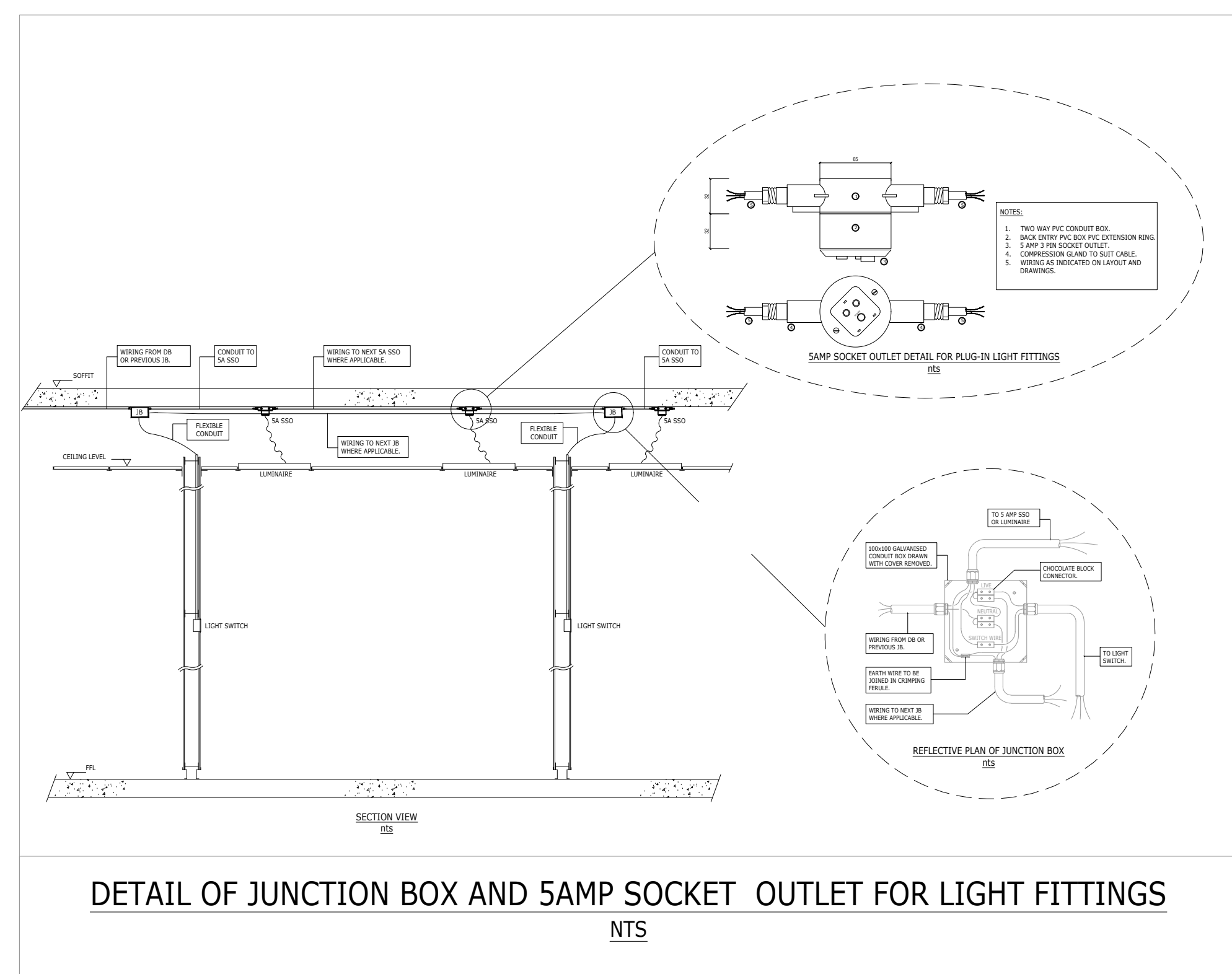
EXTERNAL LIGHTS TO BE AT 2300mm AFFIL
(BULKHEAD)

EXTERNAL LIGHTS TO BE AT 2300mm AFFIL
(BULKHEAD)

- ③ 3 - LEVER LIGHT SWITCH
- ② 2 - LEVER LIGHT SWITCH
- ③ 2 - WAY LIGHT SWITCH
- ④ EXIT SIGNS (E) ABOVE DOORS TO BE MOUNTED AT 2300mm AFFL
- ⑤ EXIT SIGNS IN PASSAGES (E1) TO BE SUSPENDED FROM CEILING
- ⑥ PHOTOCELL MOUNTED BELOW ROOF EAVES
- ⑦ FITTINGS (J2) MOUNTED AT 3000mm AFFL



DETAIL B
CEILING VOID CABLE LADDER/BASKET AND P9000
TRUNKING DETAIL
NTS



DETAIL OF JUNCTION BOX AND 5AMP SOCKET OUTLET FOR LIGHT FITTINGS

B	12/11/24	CW	Revised to Client's Request		NK
A	19/09/24	CW	Light Switches to Offices Removed		NK
B	13/09/24	CW	Original Issue		NK
REV	DATE	BY	DESCRIPTION		CWK
REVISIONS					

JMK

Approved in Principle
Justin Mckelvie-King
Pr Eng : 20120548



PROJECT/SERVICES
Samora Machel Police Station
Electrical Installation

TITLE	CSC Block Group Lighting Layout
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ENGINEER:	DRAWN BY:	DATE:	CHECKED:	SCALE:
KM	CW	19/07/29	KM	1:100
				PAPER SIZE:
				A0
PROJECT No.	DRAWING No.	SHEET:		REV:
32308	102	1		B
FILE: 32308_102	LAYERS:			

60 MAY 1997








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 These will be withdrawn and checked at random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.





6 CABLE NUMBER - REFER CABLE SCHEDULE FOR DETAILS





-  100x100 CONDUIT BOX.
-  100x100 CONDUIT BOX AT 500AF
-  100x100 CONDUIT BOX AT 1400AF
-  100x50 CONDUIT BOX AT 306AF
-  100x50 CONDUIT BOX AT 1400AF
-  ROUND CONDUIT BOX.
-  CLUSTER BOX (SIZE AS NOTED)

	ROUND DRAW BOX
	100x100 DRAW BOX
	100x50 BOX BEHIND POWER SKIRTING
	CONDUIT TURNED UP ("U" FOR DOWN)
	DOWN CONDUCTOR TO EARTH OR EARTH TIE







CM - DOOR MONITOR
 CAM - CAMERA
 AA - ACCESS ALARM
 AC - ACCESS CONTROL
 CR - CARD READER
 COM - COMMUNICATION
 BGM - BACK GROUND MUSIC
 EL - ELECTRIC LOCK/STR






 20mm. DIA. CONDUIT.
 25mm. DIA. CONDUIT.
 32mm. DIA. CONDUIT.
 50mm. DIA. CONDUIT.
 SECTION OF CONDUIT
 OMITTED FOR CLARITY.
 SURFEX
 TWIN AND EARTH
 CABLE ROUTE





OC	OVERHEAD CAST-IN
OS	OVERHEAD ON SURFACE OR LAID ON CEILING
FC	FLOOR SLAB CAST-IN
FS	FLOOR SURFACE (IN FLOOR VOID)
<hr/>	
	POWER SKIRTING
	TRUNKING
	CABLE SLEEVE
	CABLE TRAY/LADDER





	SQUARE GALV. STEEL DRAW TRAY SIZE SHOWN.
	TELEPHONE JUNCTION BOX.
	INTERCOM JUNCTION BOX.
	DATA/COMMS JUNCTION BOX.
	SECURITY, ETC. JUNCTION BOX.
	DISTRIBUTION BOARD POSITION.
DB-1	BOARD DESIGNATION NUMBER.




- 16A SANS 164-1 SWITCHED SOCKET OUTLET (SSO).
- 16A SANS 164-1 DOUBLE SSO.
- 16A SANS 164-1 SSO ON PEDISTAL.
- 16A SANS 164-2 3 PIN SSO.
- 16A SANS 164-1 AND 164-2 COMBINATION SSO.
- 16A SANS 164-4 RED SSO (3rd GRANDED EARTH PIN)
- 16A SANS 164-4 RED SSO ON PEDISTAL.
- 3 PHASE C-FORM SSO.
- 2 POLE ISOLATOR
- 3 POLE ISOLATOR
- 3 POLE 300VA RCBO

 6A SANS 354-3 UNSWITCHED SOCKET OUTLET
 SINGLE LEVER ONE WAY LIGHT SWITCH
 INTERMEDIATE LIGHT SWITCH
 TWO WAY LIGHT SWITCH
 MOTION SENSOR
 LIGHT SWITCH WITH MOTION SENSOR

	LINEAR LUMINAIRE
	BULKHEAD/DOWNLIGHTER, ETC.
	WALL MOUNTED LUMINAIRES
	POLE MOUNTED LUMINAIRE.

-  TELEPHONE POINT.
-  TELEPHONE POINT ON DIRECT OUTSIDE LINE (CALL BOX).
-  TV OUTLET.
-  DATA CIRCUIT OUTLET.

	BELL PUSH.
	BELL OUTLET.
	SIGN POINT.
	CLOCK OUTLET.

	REFERENCE TO QUANTITY i.e. 3No.
	REFERENCE TO A DETAIL i.e. DETAIL 2
	REFERENCE TO AN ELECTRICAL NOTE i.e. NOTE 4.
# 34	REFERENCE TO A STANDARD DRAWING i.e. STANDARD DRAWING No. 34

6 CABLE NUMBER - REFER CABLE SCHEDULE FOR DETAILS