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.

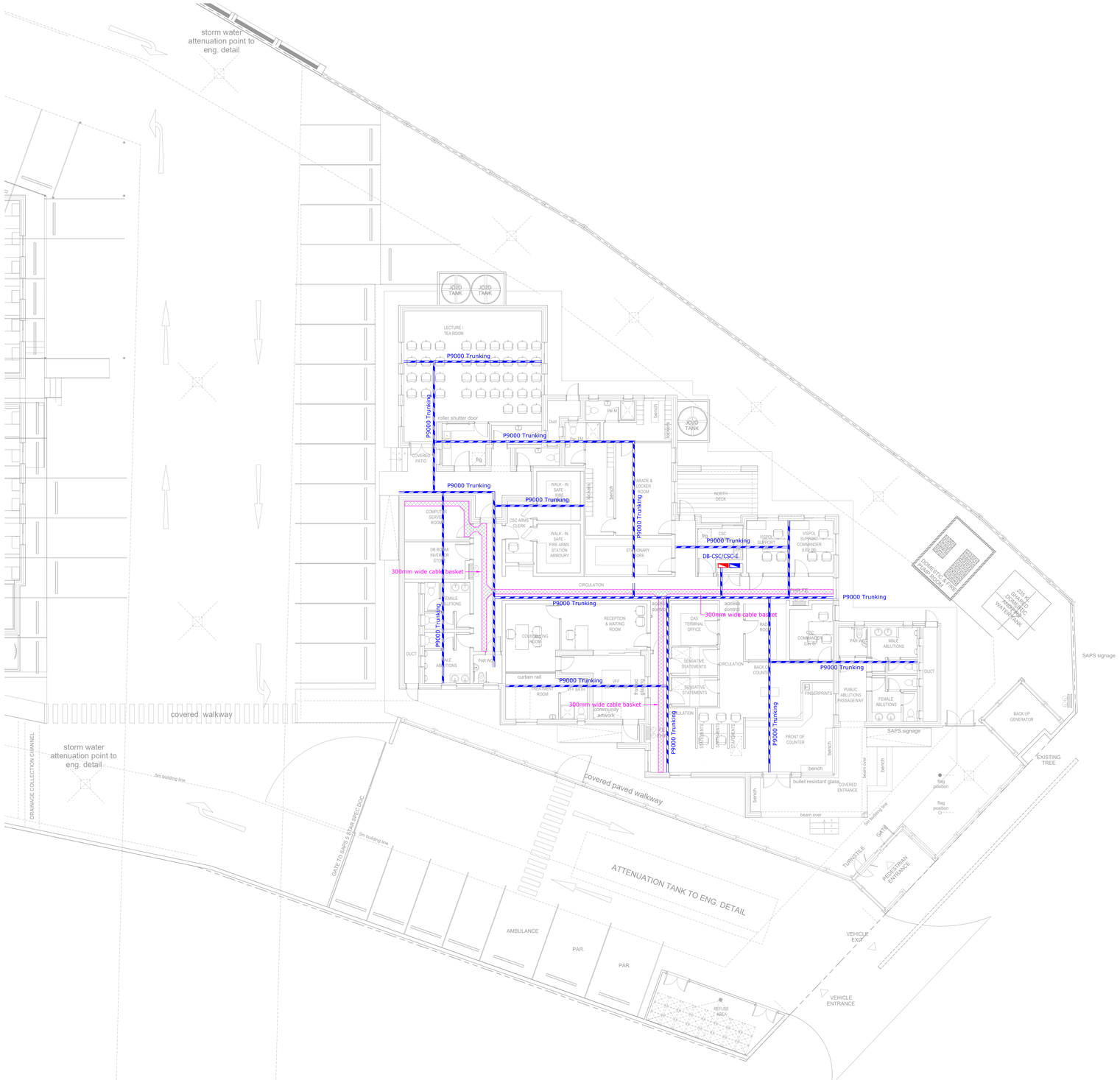
Do not scale this drawing.

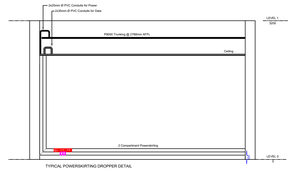
All work to comply with relevant Standards, Codes of Practice, Specification and Regulations.

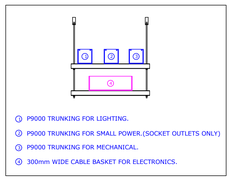
Notwithstanding anything to the contrary, all rights reserved. No part of this drawing may be reproduced in any material form (including photo-copying or storage in any medium or by electronic means and whether or not transiently or incidentally to some other use of this drawing). In addition, this drawing may not be used for any purpose or reason other than for which it was originally issued, without written permission of the author.

DRAWING NOTES

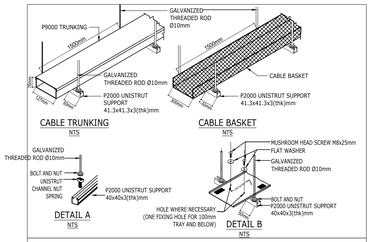
① REFER TO TRUNKING RISER DETAIL.







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



INSTALLATION OF CABLE TRAY/TRUNKING AND HANGER/SUPPORT
NTS

REV	DATE	BY	DESCRIPTION	CHK
A	18/11/24	CW	P9000 Trunking Revised	MK
0	13/09/24	CW	Original Issue	MK

REVISIONS

Approved in Principle
Justin Mckelvie-King
Pr Eng : 20120548

PROJECT/SERVICES
Samora Machel Police Station
Electrical Installation

TITLE
CSC Block Ground Floor
Ceiling Power Layout

ENGINEER:	DRAWN BY	DATE:	CHECKED	SCALE:
KM	CW	19/07/24	KM	1:100

PROJECT No.	DRAWING No.	SHEET:	PAPER SIZE:	REV:
32308	212	1	A0	A

FILE: 32308_212 LAYERS:

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 500AFFL.
100x100 CONDUIT BOX AT 1400AFFL.
100x50 CONDUIT BOX
100x50 CONDUIT BOX AT 300AFFL.
100x50 CONDUIT BOX AT 1400AFFL.
ROUND CONDUIT BOX.
CLUSTER BOX (SIZE AS NOTED)

ROUND DRAW BOX
100x100 DRAW BOX
100x50 BOX BEHIND POWER SKIRTING
CONDUIT TURNED UP (T) OR DOWN(t)
DOWN CONDUCTOR TO EARTH OR EARTH TIE.

DH DOOR HOOK
CAM CAMERA
ATL ATTENUATION TANK
ROUND CONDUIT BOX FOR:
DM - DOOR MONITOR
CAM - CAMERA
AA - ACCESS ALARM
AC - ACCESS CONTROL
CR - CARD READER
COM - COMMUNICATION/INTERCOM
BGM - BACK GROUND MUSIC
EL - ELECTRIC LOCK/STRIKE

25mm. DIA. CONDUIT.
25mm. DIA. CONDUIT.
32mm. DIA. CONDUIT.
50mm. DIA. CONDUIT.
SECTION OF CONDUIT OMMITED FOR CLARITY.
SURFTX
TWIN AND EARTH
CABLE ROUTE

OH OVERHEAD CAST IN.
OS OVERHEAD ON SURFACE OR LAID ON CEILING.
FC FLOOR SLAB CAST IN.
FS FLOOR SURFACE (IN 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.

16A SANS 164-1 SWITCHED SOCKET OUTLET (SSO).
16A SANS 164-1 DOUBLE SSO.
16A SANS 164-1 SSO ON PEDESTAL.
16A SANS 164-2 3 PIN SSO.
16A SANS 164-1 AND 164-2 COMBINATION SSO.
16A SANS 164-4 RED SSO (IP SHAVED EARTH PIN)
16A SANS 164-4 RED SSO ON PEDESTAL.
3 PHASE C-FORM SSO.
2 POLE ISOLATOR
3 POLE ISOLATOR
4 POLE ISOLATOR

6A SANS 164-1 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 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. 3No.
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.

A0_MST_1