

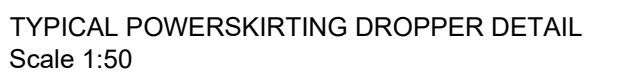
This drawing is issued for Electrical purposes only, and should be read in conjunction with the Electrical Specification. Setting out of Electrical and Electronic accessories are to be as indicated on Architects details.

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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Approved in Principle
Justin Mckelvie-King
Pr Eng : 20120548



TITLE	Ground Floor Electronics Layout
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ENGINEER:	DRAWN BY:	DATE:	CHECKED:	SCALE:
KM	CW	19/07/24	KM	1:100
				PAPER SIZE: A0
PROJECT No.	DRAWING No.	SHEET:		REV:
32308	300	1		0
FILE: 32308_300 LAYERS:				

EST_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 These will be withdrawn and checked at random.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.

6 CABLE NUMBER - REFER CABLE SCHEDULE FOR DETAILS.

HD^B LUMINAIRE TYPE "B" - REFER LUMINAIRE SCHEDULE.

	100x100 CONDUIT BOX		ROUND DRAW BOX
	100x100 CONDUIT BOX AT 500APPL.		100x100 DRAW BOX
	100x100 CONDUIT BOX AT 1400APPL.		100x50 BOX REHEND POWER SKIRTING
	100x50 CONDUIT BOX		CONDUIT TURNED UP (°° FOR DOWN)
	100x50 CONDUIT BOX AT 300APPL.		DOWN CONDUCTOR TO EARTH OR EARTH TIE.
	100x50 CONDUIT BOX AT 1400APPL.		
	ROUND CONDUIT BOX.		
	CLUSTER BOX (SIZE AS NOTED)		

CON CMT etc.	FOUND CONDUIT BOX FOR:				
DM - DOOR MONITOR	DM - DOOR MONITOR	---	---	20mm. DIA. CONDUIT.	
CAM - CAMERA	CAM - CAMERA	---	---	25mm. DIA. CONDUIT.	
AA - ACCESS ALARM	AA - ACCESS ALARM	---	---	25mm. DIA. CONDUIT.	
AC - ACCESS CONTROL	AC - ACCESS CONTROL	---	---	50mm. DIA. CONDUIT.	
CR - CARD READER	CR - CARD READER	---	---	SECTION OF CONDUIT	
COM - COMMUNICATION/INTERCOM	COM - COMMUNICATION/INTERCOM	---	---	OMITTED FOR CLARITY.	
BSW - BACK GROUND MUSIC	BSW - BACK GROUND MUSIC	---	---	50MMX	
EL - ELECTRIC LOCK/STRAZE	EL - ELECTRIC LOCK/STRAZE	---	---	THRU AND GIRTH	
		---	---	CABLE ROUTE	

10	OVERHEAD CAST-IN	
11	OVERHEAD ON SURFACE OR LAID ON CEILING	
12	FLOOR SLAB CAST-IN	
13	FLOOR SURFACE (IN FLOOR VOID)	
		POWER GASTING
		TRUNKING
		CABLE SLEEVE
		CABLE TRAY/LADDER

	SQUARE GALV. STEEL DRAIN 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 164-8 RED SSO (1st SHAVED EARTH PIN)
- 16A SANS 164-8 RED SSO ON PEDESTAL.
- 3 PHASE C-FORM SSO.
- 2 POLE ISOLATOR
- 3 POLE ISOLATOR
- 4 POLE ISOLATOR

	6A SANS 164-3 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/DOWNLIGHT
	WALL MOUNTED LUMINAIRE
	POLE MOUNTED LUMINAIRE

TELEPHONE, ETC.	▶ TELEPHONE POINT.
WIRES	▶ TELEPHONE POINT OR
WIRE.	▶ DIRECT OUTSIDE LINE (CALL BOX).
	▶ TV OUTLET.
	▶ DATA/COMMS OUTLET.

PEDESTAL
TELEPHONE POCKET

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

	REFERENCE TO QUANTITY i.e. 396.
	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

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HD[®] LUMINAIRE TYPE "B" - REFER LUMINAIRE SCHEDULE.