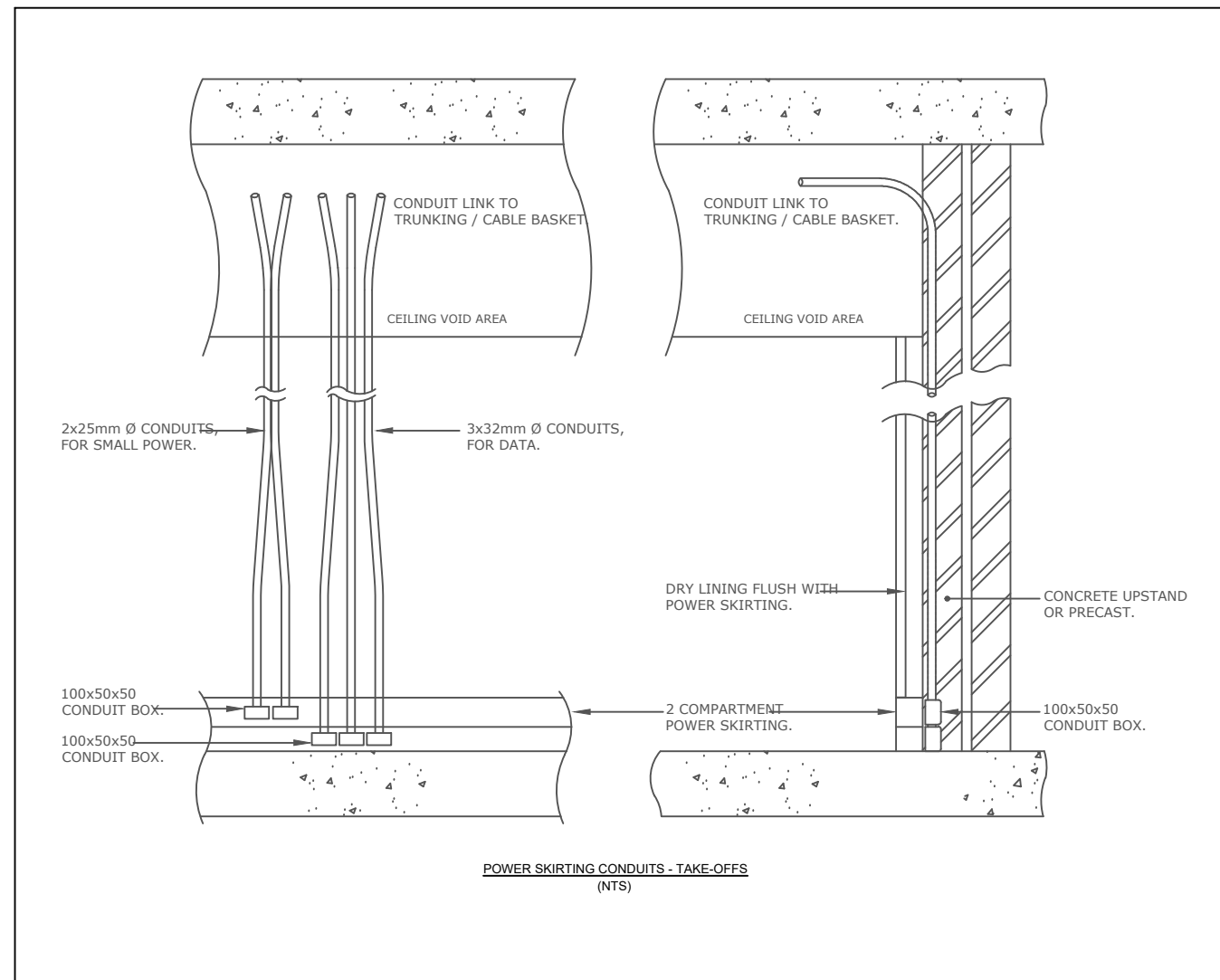
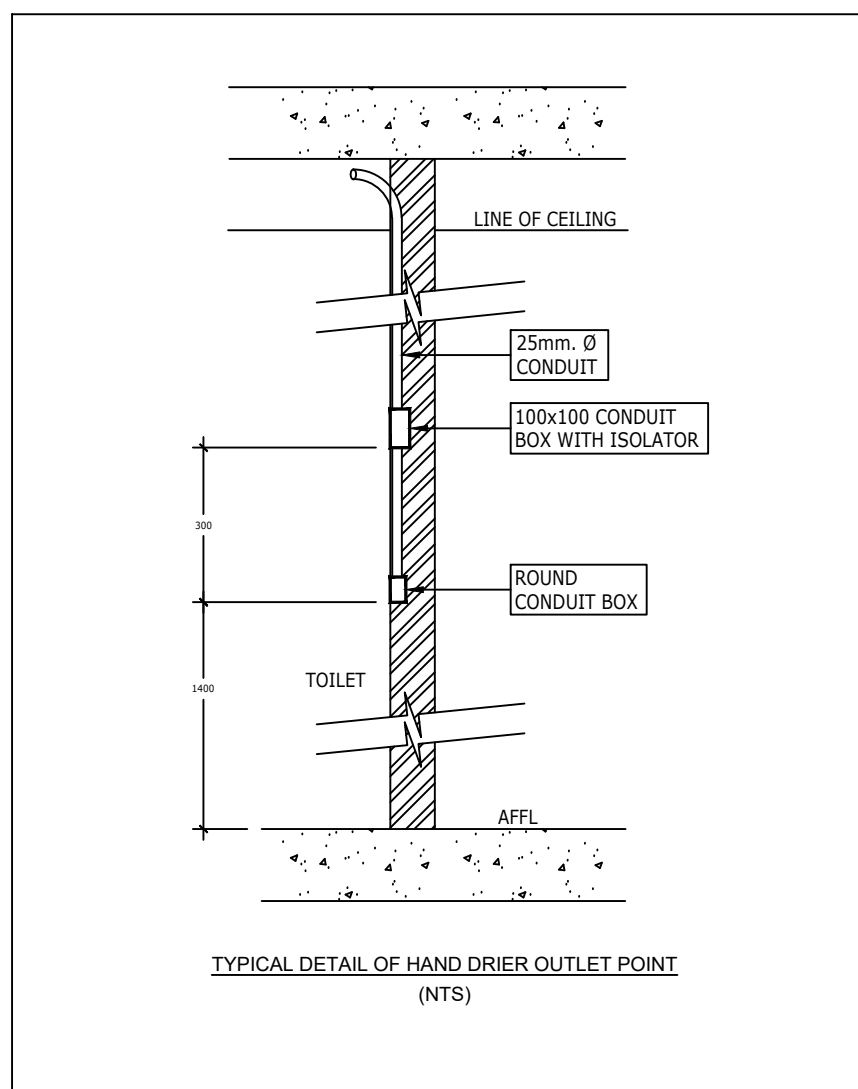


GENERAL NOTES:
A) THIS DRAWING IS TO BE USED FOR SECURITY, ACCESS CONTROL, INTERCOM, INTERCOM, P.A., TELEPHONE AND DATA PURPOSES ONLY.
B) DO NOT SCALE THIS DRAWING.
C) REFER TO ARCHITECTS AND STRUCTURAL ENGINEERS DRAWINGS FOR ALL BUILDING DIMENSIONS, LATEST BUILDING REVISIONS AND REVISIONS.
D) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SECURITY, ACCESS CONTROL, FIRE DETECTION, INTERCOM, P.A., TELEPHONE AND DATA/SPECIFICATION.
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Electrical Notes:

- Power skirting feed cast-in conduits from ceiling void.
2 x 25mm Ø (power) and 3 x 32mm Ø (voice/data) conduits.
- Cluster box @ 1400 AFFL c/w:
 - 1No. Data Point
 - 1No. Switch Socket Outlet
 - 1No. Euro Socket Outlet
 - 2No. Dedicated Switch Socket Outlets
- SSO in ceiling void for TV's.
- Cluster box in ceiling void c/w:
 - 1No. Data Point
 - 1No. HDMI
 - 2No. Switch Socket Outlets
 - 1No. Euro Socket Outlet
- Cluster box @ 500 AFFL c/w:
 - 1No. Data Point
 - 1No. Switch Socket Outlet
 - 1No. Euro Socket Outlet
 - 2No. Dedicated Switch Socket Outlets
- Cast-in Floor box. Conduit links cast-in floor.
2x25mmØ for power, and 1x25mmØ for voice/data.
- Conduit links from above/below to below/above.
- Hand drier power supply. Isolator at 1700mm AFFL, outlet box at 1400mm AFFL.
- TV outlet & power supply @ high level.
- Interconnecting Corporate Connection per desk, fed from power points on powerskirting.
- Isolator power supply, for Extraction.
- Isolator power supply, for Airconditioning.
- Conduit box for Airconditioning controller.
(Height to be confirmed by Architect)
- Isolator power supply, for Hydroboil.
- Where containment crossovers occur, data generally rises over power.
- Power Floor box connecting to desk
- Isolator power supply, for automatic door.
- Isolator power supply, for roller shutter door.
- Dedicated SSO for Access Control doors, in ceiling void or on soffit.



FOR CONSTRUCTION

NO.	DATE	DESCRIPTION	REV. BY
1.	08.08.2024	Issued for Construction	BM
2.	28.08.2024	Revised Floor boxes Layout	BM
3.	20.10.2024	Revised Arch Layout	BM
4.	15.11.2024	Revised Arch Layout	BM
5.	09.12.2024	Revised Arch Furniture Layout	BM
6.	27.01.2025	Plot box connection point to desk indicated	BM
7.	19.05.2025	Add socket points for Printers	BM
8.	24.10.2025	Printing station 164m Caravan sockets added	BM

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USE PROPOSED DIMENSIONS ONLY - DO NOT SCALE.
ANY CONSTRUCTION FROM THESE DRAWINGS IS AT OWNERS RISK.
ALL BOUNDARIES, DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BEFORE CONSTRUCTION AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT.
PARTIAL SERVICE: ANY DISCREPANCIES WITH SITE OR OTHER INFORMATION IS TO BE ADVISED TO THE ARCHITECT AND APPROVAL IS TO BE SOUGHT BEFORE IMPLEMENTATION OF THE DRAWING.

FOR THE PURPOSE OF COORDINATION, ALL RELEVANT PARTIES MUST CHECK THIS INFORMATION PRIOR TO IMPLEMENTATION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
Engineer: M. Kola Signature: 
Pr. Eng. 20110196 Date: 27.01.2025

DBSA

Client: Government Printing Works
Signature: _____ Date: _____



PROJECT: THE UPGRADE AND REPAIR AT THE GOVERNMENT PRINTING WORKS
ADMINISTRATIVE HEADQUARTERS
ADDRESS: ERF 3265, 379 Sophie de Bruyn St
Pretoria Central, 0002, RSA.

DRAWING TITLE: SECOND FLOOR PLAN SMALL POWER & RETICULATION LAYOUT

Building Classification: Office Zone 2: Zone 2:
Paper Size: A0 Scale: AS BROWN

Drawn: B.M. Checked: M.K. Date: 24/10/2025
PROJECT No: GPM/WHQ/2017/02
DRAWING No: EE -203-C

REVISION: 8



NOTES:				(2) - Draw boxes required after every second 90 deg. bend or 180 deg. total of slow bends.				(3) - All univired 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 1200AFFL. 100x50 CONDUIT BOX. 100x50 CONDUIT BOX AT 500AFFL. 100x50 CONDUIT BOX AT 1200AFFL. ROUND CONDUIT BOX. CLUSTER BOX (SIZE AS NOTED).				ROUND DRAW BOX. 100x100 DRAW BOX. 100x50 BOX BEHIND POWER SKIRTING. CONDUIT TURNED UP (90° FOR DOWN). DOWN CONDUCTOR TO EARTH OR EARTH TIE.				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.				20mm. DIA. CONDUIT. 25mm. DIA. CONDUIT. 32mm. DIA. CONDUIT. 50mm. DIA. CONDUIT. SECTION OF CONDUIT OMITTED FOR CLARITY. SURFIX TWIN AND EARTH CABLE ROUTE.				OVERHEAD CAST-IN. OVERHEAD ON SURFACE OR LAID ON CEILING. FLOOR SLAB CAST-IN. 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 SSO ON PEDESTAL. 16A SANS 164-2 3 PIN SSO. 16A SANS 164-1 & 164-2 COMBINATION SSO. 16A SANS 164-4 RED SSO (0° SHAVED EARTH PIN). 16A SANS 164-4 RED SSO ON PEDESTAL. 3 PHASE C-FORM SSO. 1 PHASE CARAVAN SSO. 2 POLE ISOLATOR. 3 POLE ISOLATOR. 4 POLE ISOLATOR.				16A SANS 164-3 UIS 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 LUMINAIRE. 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 "8" - REFER LUMINAIRE SCHEDULE.			

ISSUED FOR CONSTRUCTION