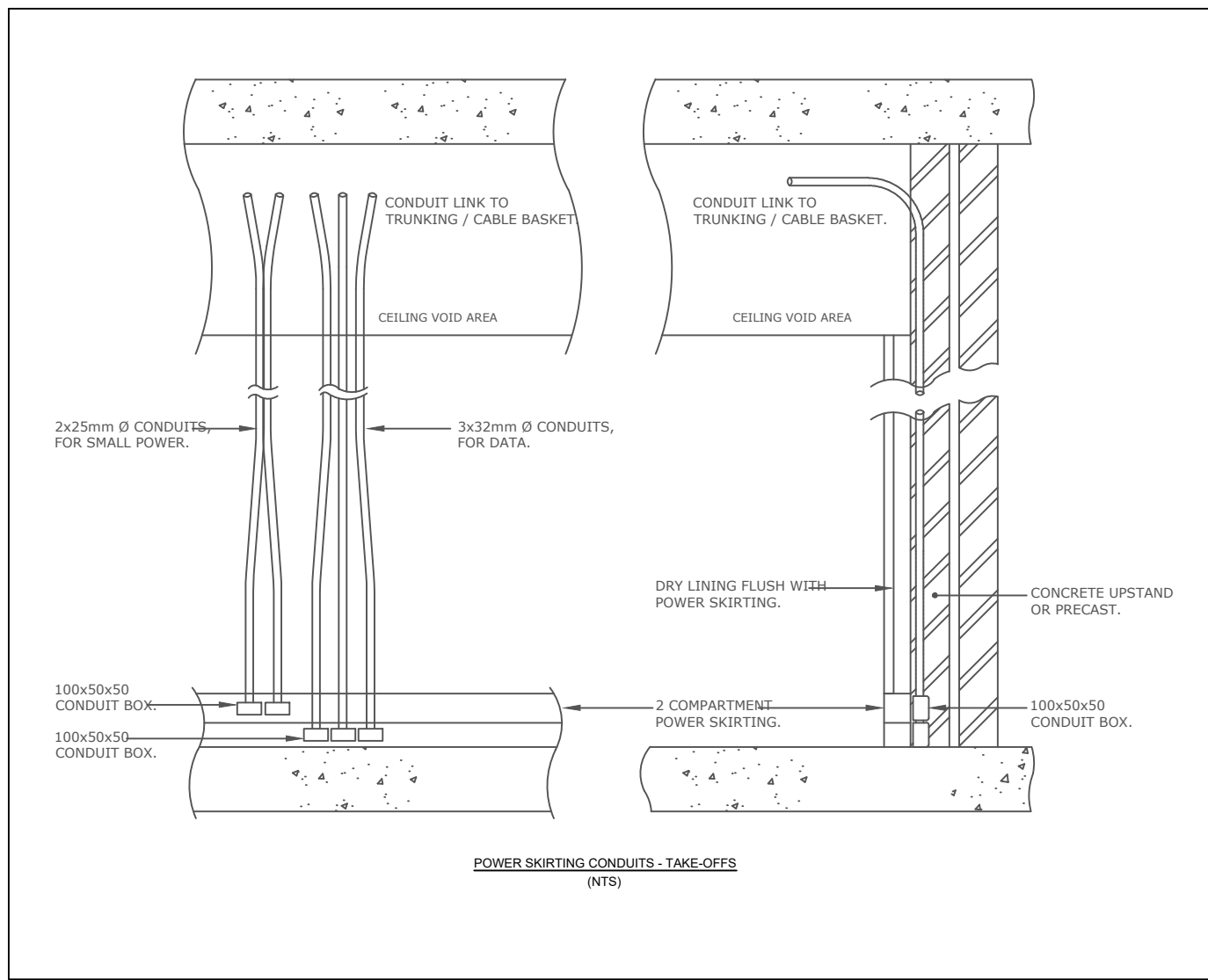
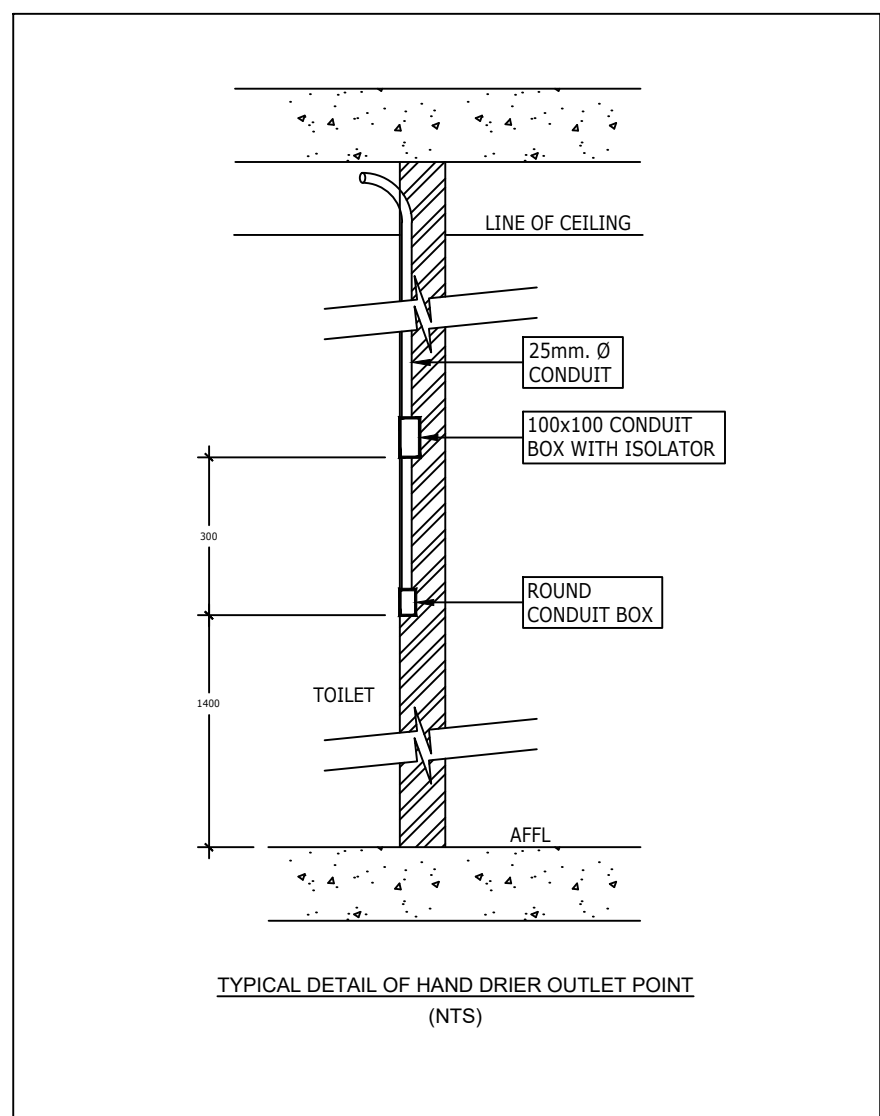


GENERAL NOTES:
A) THIS DRAWING IS TO BE USED FOR SECURITY, ACCESS CONTROL, FIRE DETECTION, INTERCOM, BOM (P.A.), TELEPHONE AND DATA/COMMUNICATIONS ONLY.
B) DO NOT SCALE THIS DRAWING.
C) REFER TO ARCHITECTS AND STRUCTURAL ENGINEERS DRAWINGS FOR ALL BUILDING DIMENSIONS, LATEST BUILDING REGULATIONS AND SERVICES.
D) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SECURITY, ACCESS CONTROL, FIRE DETECTION, INTERCOM, BOM (P.A.), TELEPHONE AND DATA/COMMUNICATIONS SPECIFICATION.
E) ALL WORK TO COMPLY WITH RELEVANT STANDARD CODES OF PRACTICE, SPECIFICATIONS AND REGULATIONS.
F) NOT WITHSTANDING ANYTHING TO THE CONTRARY, ALL RIGHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED IN ANY MANNER, FROM INCLUDING PHOTO COPYING OR OTHERWISE, WITHOUT THE WRITTEN PERMISSION OF DBSA CONSULTING ENGINEERS.



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 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.	09.12.2024	Revised Arch Furniture Layout	BM
5.	27.01.2025	Floor box connection point to desk indicated	BM
6.	24.10.2025	Printing station 16mm Caravan sockets added	BM

© COPYRIGHT: THIS DRAWING MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS IN PART OR IN WHOLE WITHOUT THE PERMISSION OF THE DESIGNER.
ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH SANS CODE PRACTICE, NER & LOCAL AUTHORITY BY-LAWS.
USE FIGURED DIMENSIONS ONLY. DO NOT SCALE.
ANY CONSTRUCTION FROM THESE DRAWINGS IS AT OWNERS RISK.
ALL DIMENSIONS, DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BEFORE CONSTRUCTION AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.
MATERIAL SERVICES: ANY DISCREPANCIES WITH SITE OR OTHER INFORMATION IS TO BE ADVISED TO THE ARCHITECT AND OBTAIN APPROVAL PRIOR TO IMPLEMENTATION OF THE DRAWING.
FOR THE PURPOSE OF COORDINATION, ALL RELEVANT PARTS MUST CHECK THIS INFORMATION PRIOR TO IMPLEMENTATION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.

Engineer: M. Kola
Pr. Eng. 20110196
Date: 08.08.2024

DBSA

Client: Government Printing Works
Signature: _____ Date: _____



PROJECT:
THE UPGRADE AND REPAIR AT THE GOVERNMENT PRINTING WORKS ADMINISTRATIVE HEADQUARTERS
ADDRESS: ERF 3205, 379 Sophie de Bruyn St, Pretoria Central, 0002, RSA.
DRAWING TITLE:
FIFTH FLOOR PLAN SMALL POWER & RETICULATION LAYOUT
Drawing Classification: G1 Offices
Paper Size: A0
Scale: AS SHOWN
Date: 27/01/2025
Project No: GPW/HQ/2017/02
Drawing No: EE-208-C
Revision: 6



5th

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 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. 100x50 DRAW BOX. 100x50 BOX BEHIND POWER SKIRTING. CONDUIT TURNED UP (°) FOR DOWN. DOWN CONDUCTOR TO EARTH OR EARTH TIE.	ROUND CONDUIT BOX FOR: CAM CAM etc. 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 OMITTED FOR CLARITY. SURFEX 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.