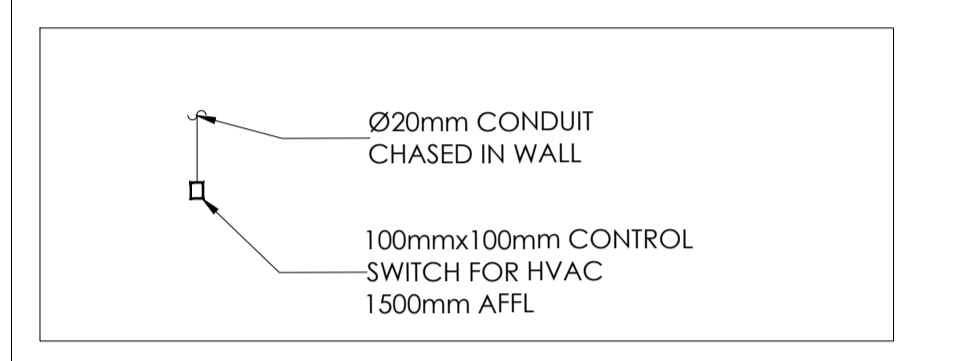
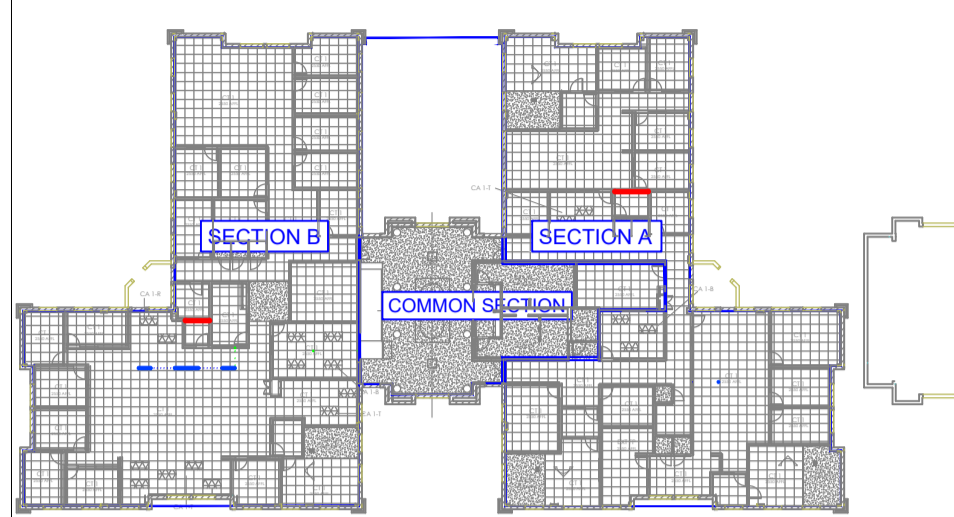


CIRCUITING

A - CIRCUIT NUMBER
B - DB NAME

POWER SKIRTING TO BE AT FLOOR HEIGHT UNLESS OTHERWISE SPECIFIED ON PLAN.
COLOUR: WHITE

SURFACE MOUNTED TRUNKING
COLOUR: BLACK



02	ISSUED FOR CONSTRUCTION	06.05.2026
01	CONTROL SWITCH POSITION FOR HVAC INDICATED	03.03.2026
00	ISSUED FOR CONSTRUCTION	02.02.2026

CLIENT

MHSC
Mine Health and Safety Council

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P.O Box
East London
5201

APPROVAL

DESIGN ENGINEER: M. BUTHELEZI
2021300956

SIGNATURE: _____

DATE SIGNED: 06.05.2026

DESIGN REVIEWER: P. LANGENI

SIGNATURE: _____

DATE SIGNED: 06.05.2026

CONSULTING ENGINEERS

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PROJECT

MHSC OFFICE BUILDING RENOVATION

DRAWING TITLE

UPPER GROUND POWER LAYOUT

ISSUED FOR CONSTRUCTION

DRAWN BY		DRAWING CHECKED BY	
B.T		P.M	
SCALE	DATE	SHEET SIZE	
1:100	02.02.2026	A1	

PROJECT - ORIG - ZONE - LEVEL - TYPE - DISC - CLASS - NUMBER - REVISION

25002 - HF - ZZ - L1 - DR - EE - DD - 1000 - 02

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170 PVD SCHEDULE

Legend	Type Mark	Description	Standard Installation Height	QTY	Image
AC	AC	ACCESS CONTROL POINT-ALLOW FOR DATA (CAT 6A) AND POWER POINT (OLD SA 3 PIN).	<varies>	9	
EL B1	BRICK WALL	SINGLE NORMAL POWER POINT TO BE INSTALLED IN BRICK WALL TO BE CHASED. FITTING: SINGLE SOCKET WITH 4X4 COVERPLATE. COLOUR: BLACK MODULES ON GRAPHITE COVER. MODULE: BLACK MODULE -1 X 16A OLD SA 3 PIN - SWITCHED	300mm AFFL	11	
EL B2	BRICK WALL	DOUBLE NORMAL POWER POINT INSTALLED IN BRICK WALL TO BE CHASED. FITTING: DOUBLE SOCKET WITH 4X4 COVERPLATE. COLOUR: BLACK MODULES ON GRAPHITE COVER. MODULE: BLACK MODULE -2 X 16A OLD SA 3 PIN - SWITCHED	300mm AFFL	11	
EL B3	BRICK WALL	SINGLE DEDICATED POWER POINT INSTALLED IN BRICK WALL TO BE CHASED. FITTING: SINGLE DEDICATED SOCKET WITH 4X4 COVERPLATE. COLOUR: RED MODULES ON GRAPHITE COVER. MODULE: 1 X 16A OLD SA 3 PIN - SWITCHED	300mm AFFL	1	
EL B4	BRICK WALL	DOUBLE DEDICATED POWER POINT INSTALLED IN BRICK WALL TO BE CHASED. FITTING: DOUBLE DEDICATED SOCKET WITH 4X4 COVERPLATE. COLOUR: RED MODULES ON GRAPHITE COVER. MODULE: 2 X 16A OLD SA 3 PIN - SWITCHED	300mm AFFL	6	
EL C1	CEILING	SINGLE 16A POWER SOCKET TO BE INSTALLED IN CEILING VOID. STANDARD WHITE FITTING TO BE INSTALLED. MODULE: 1X OLD SA 3 PIN NOT SWITCHED	IN CEILING VOID	3	
EL C2	CEILING	DOUBLE 16A POWER SOCKET TO BE INSTALLED IN CEILING VOID. STANDARD WHITE FITTING TO BE INSTALLED. MODULE: 2X OLD SA 3 PIN NOT SWITCHED	IN CEILING VOID	4	

Legend	Type Mark	Description	Standard Installation Height	QTY	Image
EL CC1		IN DESK CORPORATE CONNECTOR. MODULES: 1X OLD SA 3 PIN, 1X NEW SA 3 PIN, 1X DEDICATED RED OLD SA 3 PIN, 1X USB A, 1X USB C, 1X HDMI, 1X DATA PASS THROUGH. COLOUR: GRAPHITE. BODY AND MODULES MOUNTING: FLUSH IN DESK SURFACE - CUTOUTS TO BE MADE PRIOR TO INSTALLATION. TECHNICAL SPECIFICATIONS: BODY MATERIAL: ANODISED ALUMINIUM. MAX CURRENT: 16amp. OPERATING VOLTAGE: 220-240V AC 50/60HZ. USB CONNECTOR STRENGTH: 30W SHARED. CORD LEGTH: 4m STANDARD	TOP - FLUSH	4	
EL CC2		IN DESK CORPORATE CONNECTOR. MODULES: 1X OLD SA 3 PIN, 1X NEW SA 3 PIN, 1X DEDICATED RED OLD SA 3 PIN, 1X USB A, 1X USB C, 1X DATA PASS THROUGH. COLOUR: GRAPHITE. BODY AND MODULES MOUNTING: FLUSH IN DESK SURFACE - CUTOUTS TO BE MADE PRIOR TO INSTALLATION. TECHNICAL SPECIFICATIONS: BODY MATERIAL: ANODISED ALUMINIUM. MAX CURRENT: 16amp. OPERATING VOLTAGE: 220-240V AC 50/60HZ. USB CONNECTOR STRENGTH: 30W SHARED. CORD LEGTH: 4m STANDARD	TOP - FLUSH	1	
EL CC3		IN DESK CORPORATE CONNECTOR. MODULES: 1X OLD SA 3 PIN, 1X NEW SA 3 PIN, 1X DEDICATED RED OLD SA 3 PIN, 1X USB A, 1X USB C, 1X DATA PASS THROUGH. COLOUR: GRAPHITE. BODY AND MODULES MOUNTING: FLUSH IN DESK SURFACE - CUTOUTS TO BE MADE PRIOR TO INSTALLATION. TECHNICAL SPECIFICATIONS: BODY MATERIAL: ANODISED ALUMINIUM. MAX CURRENT: 16amp. OPERATING VOLTAGE: 220-240V AC 50/60HZ. USB CONNECTOR STRENGTH: 30W SHARED. CORD LEGTH: 4m STANDARD	TOP - FLUSH	4	

Legend	Type Mark	Description	Standard Installation Height	QTY	Image
EL CD1		UNDER DESK DAISY CHAIN POWER UNIT, INCLUDE MODULES: 1X DEDICATED 3 PIN, 1X NORMAL 3 PIN, 1X NEW SA 3 PIN, DATA TO BE RETICULATED TO DESK THROUGH UNDER DESK CABLE TRAYS.	<varies>	20	
EL CW		WIFI POINT TO BE INSTALLED IN CEILING	<varies>	7	
EL D1		SINGLE NORMAL POWER POINT TO BE INSTALLED IN DRYWALL. FITTING: SINGLE SOCKET WITH 4X4 COVERPLATE. COLOUR: BLACK MODULES ON GRAPHITE COVER. MODULE: BLACK MODULE -1 X 16A OLD SA 3 PIN - SWITCHED. SINGLE NORMAL POWER POINT TO BE INSTALLED IN DRYWALL. FITTING: SINGLE SOCKET WITH 4X4 COVERPLATE. COLOUR: BLACK MODULES ON GRAPHITE COVER. MODULE: BLACK MODULE -1 X 16A OLD SA 3 PIN - SWITCHED	<varies>	57	
EL D2		DOUBLE NORMAL POWER POINT TO BE INSTALLED IN DRYWALL. FITTING: DOUBLE SOCKET WITH 4X4 COVERPLATE. COLOUR: BLACK MODULES ON GRAPHITE COVER. MODULE: BLACK MODULE -2 X 16A OLD SA 3 PIN - SWITCHED	300mm AFFL	9	
EL D4		DOUBLE DEDICATED POWER POINT TO BE INSTALLED IN DRYWALL. FITTING: DOUBLE DEDICATED SOCKET WITH 4X4 COVERPLATE. COLOUR: RED MODULES ON GRAPHITE COVER. MODULE: 2 X 16A OLD SA 3 PIN - SWITCHED	300mm AFFL	44	
EL DP		DATA POINT. MINIMUM REQUIREMENT FOR CABLEING: CAT-6A	300mm AFFL	61	
EL IS		60AMP ISOLATOR SWITCH - FITTING: ONESHO MATRIX 60A ISOLATOR SWITCH MODULE WITH 4X4 COVERPLATE. COLOUR: BLACK MODULES ON GRAPHITE COVER.	AS PER PLAN	2	

Legend	Type Mark	Description	Standard Installation Height	QTY	Image
EL NT		NO TOUCH ACCESS CONTROL. ALLOW FOR DATA AND NORMAL POINT	<varies>	7	
EL PC		POP UP BOX TO BE INSTALLED IN FLOOR. 146X146mm SOFT POP-UP STYLE FLOOR BOX. MATERIAL: ALUMINIUM ALLOY. COLOUR: SILVER. MOUNTING: TO BE CHASED INTO SLAB (SUBJECT TO APPROVAL BY STRUCTURAL ENGINEER). MODULES: TO INCLUDE 1X OLD RSA 3 PIN, 1X DEDICATED RED OLD RSA 3 PIN, 2X DATA, 1X COMBINATION TRIPLE SUMLINE NEW RSA 3 PIN.	FLUSH WITH FLOOR FINISH	1	
EL PY		PYRAMID SURFACE MOUNTED FLOOR BOX TO BE INSTALLED. SPECIFICATION & MODULES TO BE CONFIRMED	FLUSH WITH FLOOR FINISH	1	
EL S4		DOUBLE 16A POWER POINT INSTALLED IN POWER SKIRTING MODULE: 2X DEDICATED RED OLD SA 3 PIN	SKIRTING	4	
EL TV		TV POINT - ALLOW FOR DATA (CAT 6A) AND POWER POINT (OLD SA 3 PIN).	1500mm AFFL	12	
EL WI		WIFI POINT TO BE INSTALLED IN CEILING VOID	IN CEILING VOID	1	
SB		EXTERIOR SECURITY BEAMS. SPECIFICATION AS PER ECT AND ELECTRICAL ENGINEER. ALLOW FOR POWER & DATA FOR BEAM POINT. MOUNTING: FUTURE AND HEIGHT AS PER MANUFACTURER.	<varies>	2	
SP		CEILING/SOFT FIXED PUBLIC ADDRESS SPEAKER. SPECIFICATION BY SPECIALIST. ALLOW FOR POWER AND DATA.	<varies>	30	
SW D1		SINGLE LEVER LIGHT SWITCH. DIMMABLE. FITTING: SINGLE LEVER SWITCH ON 2X4 COVER PLATE. COLOUR: GRAPHITE BLACK. 2 WAY SWITCH. DIMMABLE SWITCHES TO OVERRIDE MOTION SENSORS	1100mm AFFL	3	
SW N1		SINGLE LEVER SWITCH. COLOUR: GRAPHITE BLACK.	1100mm AFFL	8	

