TRUE N

FLOOR PLAN
Scale 1:100

SYMBOLS

- SINGLE 15A SWITCHED SOCKET OUTLET 300mm A.F.F.L.
- WT SINGLE 16A WATER TIGHT SWITCHED SOCKET OUTLET 300mm A.F.F.L.
- DOUBLE 16A SWITCHED SOCKET OUTLET 1100mm A.F.F.L.
- SINGLE 16A SWITCHED SOCKET OUTLET 1100mm A.F.F.L.
- GEYSER OUTLET
- SINGLE PHASE ISOLATOR
- THREE PHASE ISOLATOR
- 25 x 3 Cu DOWN CONDUCTOR WITH 200 x 25 x 5 EARTHBAR 300mm AFFL
- CONNECTION TO ROOF STEEL TRUSS WITH M10 BOLT WELDED TO STEELWORK
- EARTH MAT CONDUCTOR CIRCULAR ANNEALED COPPER ROD 10mm DIA BURIED 1000mm BELOW GROUND
- EARTHING TAIL CONDUCTOR CIRCULAR ANNEALED COPPER ROD 2 x 10mm DIA RODS
- BRAZED, EXOTHERMIC OR APPROVED CONNECTION
- EARTH ROD 16MM DIA X 3 X 1,5M LENGTH COPPER CLAD STEEL RODS CONNECTED (4,5M).
- EARTH ROD 16MM DIA 1 X 1,5M LENGTH COPPER CLAD STEEL ROD.

- DISTRIBUTION BOARD FLUSH MOUNTED
- DISTRIBUTION BOARD FLUSH MOUNTED TEL / DATA
- INDICATES CONDUIT IN FLOOR SLAB (POWER LAYOUT)
- P1 / GH INDICATES CIRCUIT NUMBER / INDICATES DB NUMBER

NOTES

1. THIS DRAWING IS PREPARED AND ISSUED IN LINE WITH THE LATEST INFORMATION AVAILABLE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS INVOLVED TO ENSURE THAT LUMINAIRES CAN BE INSTALLED AS DESIGNED. IN THE EVENT OF ANY CONFLICT OF INTEREST, IT MUST BE IMMEDIATELY REFERRED TO AN ESKOM SITE ENGINEER. UNDER NO CIRCUMSTANCES WILL ESKOM PAY FOR LUMINAIRES TO BE INSTALLED, REMOVED AND RE-INSTALLED.
2. CIRCUIT WIRING FOR SOCKET OUTLET CIRCUITS SHALL CONSIST OF 4,0mm² PVC INSULATED Cu CONDUCTORS.
3. CONCEALED CONDUIT MAY CONSIST OF PVC CONDUIT WITH CONDUIT AND INSTALLATION AS PER SABS SPECIFICATION. ALL SURFACE MOUNTED CONDUIT SHALL BE STELL BLACK, SECURED WITH HOSPITAL TYPE SADDLES ON 1,5m INTERVALS.
4. FINAL POSITION OF LIGHT FITTINGS, CONDUIT AND P2000 WIRING CHANNELS TO BE DETERMINED ON SITE AFTER CABLE RACKS, SWITCHGEAR, C&I AND HVAC EQUIPMENT HAVE BEEN INSTALLED.
5. ALL SOCKET OUTLETS TO BE ELECTRICAL ORANGE.

FOR CONSTRUCTION

STRUCTURE CODE
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	1	03/13/19	1. FOR CONSTRUCTION	AO	AO	GW			
	0	11/13/17	1. ISSUED FOR TENDER	AO	AO	GW		50895/3	SCHEMATIC DIAGRAM DB-GH4
	A	05/02/17	1. ISSUED FOR REVIEW	AO	AO	GW		50895/1	FLOOR PLAN LIGHTING LAYOUT

D.O.	REV	DATE	** REVISION **	REV BY	CHKD BY	AUTH BY	KKS APP	0.84/REFERENCE DRAWINGS
			INDEX REFERENCE:					

			AUTHORISED FOR ESKOM BY	DATE
DRG REGISTER				
DESIGN APPROVED	02/15/17	GW	Mphe Ramunenyiwa	-
KKS APP				
DO AUTH	02/15/17	GW		
CHKD BY	02/15/17	AO		
DRAWN BY	02/15/17	AO		
SCALE	1 : 100			

MEDUPI POWER STATION
GATE HOUSE 4
Floor Plan
SMALL POWER AND LIGHTNING PROTECTION LAYOUT

803/2 - WGB - 23.1

0.84/50895 | SHEET 2 | REV 1

SIZE GROOTTE A1L