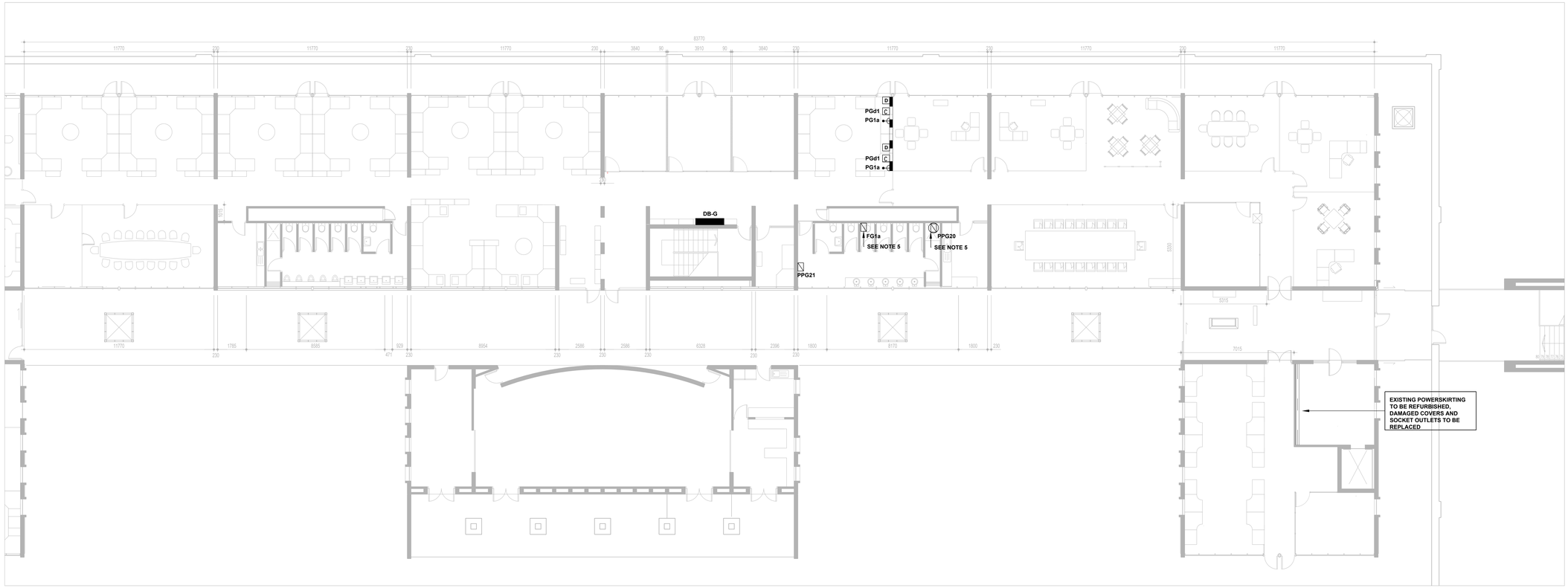


SECOND FLOOR POWER LAYOUT

Scale 1:100

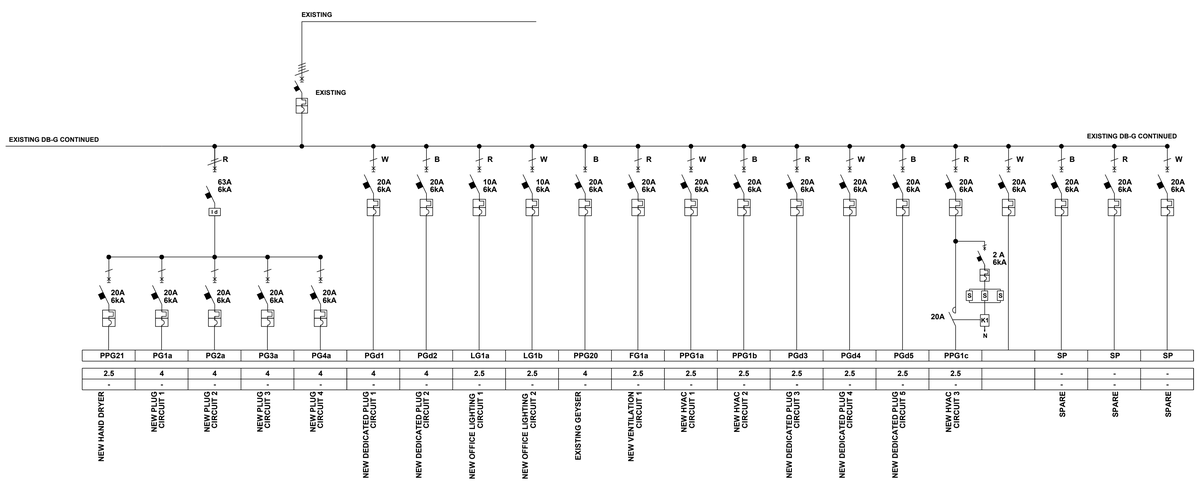
LEGEND

- 20A SINGLE PHASE ISOLATOR TO BE INSTALLED 2.2 m ABOVE FLOOR LEVEL TO COMPLY WITH TPD:A01-SDPERFSPEC
- 20A SINGLE PHASE ISOLATOR (WEATHERPROOF) TO COMPLY WITH TPD:A04-OISOLATEPERFSPEC
- ELECTRICAL DISTRIBUTION BOARD
- 16A SINGLE SOCKET OUTLET (ON POWER SKIRTING) TO COMPLY WITH TPD:A01-SDPERFSPEC AND TPD:A03-PSKIRTPERFSPEC
- 4X4 16A SWITCHED SINGLE FACILITY SINGLE PHASE SOCKET OULET (300mm ABOVE FLOOR LEVEL) GRAPHITE WITH 3 X SILIMLINE (164-2) SOCKET AND 1 X RSA (164-1) TO COMPLY WITH TPD:A01-SDPERFSPEC
- TWO-TIER POWER SKIRTING (70mm2 data, 70mm2 power) TO COMPLY WITH TPD:A03-PSKIRTPERFSPEC
- D — RJ45 POWER SKIRTING DATA OUTLET TO COMPLY WITH TPD:A01-SDPERFSPEC AND TPD:A03-PSKIRTPERFSPEC
- C — 4X2 GRAPHITE WITH 1 X DEDICATED SOCKET OUTLETS (300mm ABOVE FLOOR LEVEL ON POWER SKIRTING) TO COMPLY WITH TPD:A01-SDPERFSPEC AND TPD:A03-PSKIRTPERFSPEC

NOTES

1. THIS DRAWING IS FOR EL&P ONLY.
2. A CERTIFICATE OF COMPLIANCE TO BE COMPLETED BY CONTRACTOR ON COMPLETION OF WORK.
3. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.
5. ALL EXISTING PLUG AND ISOLATOR CIRCUITS SHALL BE RETAINED AND RE-USED.
6. THE CONTRACTOR SHALL TEST AND VERIFY ALL ELECTRICAL CIRCUITS AT DB-G. THE CONTRACTOR SHALL ALSO RE-LABEL DB-G AND LABEL ALL SOCKET OUTLETS, ISOLATORS AND LIGHT SWITCHES INDICATING RELEVANT CIRCUIT NUMBERS.

ADDITIONS TO EXISTING DB.G



NOTES

1. THE CONTRACTOR SHALL MODIFY THE EXISTING DB-G BY REPLACING 19 OLD 20A, 6KA CIRCUIT BREAKERS WITH NEW 20A, 6kA, NARROW FRAME CBI MCB'S TO ALLOW FOR MORE SPACE.
2. THE CONTRACTOR SHALL INSTALL NEW CIRCUIT BREAKERS AS PER THE ABOVE SINGLE LINE DIAGRAM
3. ALL NEW SWITCHGEAR SHALL BE OF THE CBI MAKE.
4. CERTIFICATE OF COMPLIANCE TO BE COMPLETED BY CONTRACTOR ON COMPLETION OF WORK.
5. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TNPA SPECIFICATION TPD-002-DBSPEC.

DRAWING NO.	DRAWING DESCRIPTION
REFERENCE DRAWINGS	

NOTES
1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.
3. ALL LEVELS ARE IN METERS TO MEAN SEA LEVEL

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
E	ISSUED FOR TENDER	ZD	PM	SS	27.07.2026

REVISIONS

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PRIVATE OPERATOR LOGO

CONSULTANTS ENGINEERS LOGO

CONTRACTOR / CONSULTANT	NAME	SIGN	DATE
DRAWN	-		- - -
CHECKED	-		- - -
DESIGNED	-		- - -
CHECKED	-		- - -
PR.ENG. / PR.TECH./PR. ARCH			
NAME	XX		DATE
SIGNATURE			- - -
REG. NUMBER	XXXXX		
TITLE			
SCALE :	XX		
TRANSNET DRG. NO.			

TRANSNET NATIONAL PORTS AUTHORITY	NAME	SIGN	DATE
TITLE			
DRAWN	ZD	pp	19 09 25
CHECKED	PM		19 09 25
DESIGNED	ZD	pp	19 09 25
CHECKED	SS		19 09 25
PR.ENG. / PR.TECH./PR. ARCH			
NAME	SUDESH SEWDAYAL		DATE
SIGNATURE			27 07 26
REG. NUMBER	200970129		
TITLE			
PAPER SIZE :			A0

Transnet National Ports Authority

TRANSNET SOC Ltd : REG No. 1990/000900/30
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4001
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PROJECT / AREA / ASSET / SUBJECT/DRAWING TITLE

PORT OF DURBAN

REFURBISHMENT TO QUEENS WAREHOUSE
SECOND FLOOR
ELECTRICAL POWER LAYOUT

PROJECT DRG. NO.: XDN.E.0037 - 1 - 100 - E - LA - 2002 - 01

REV.: E