

A

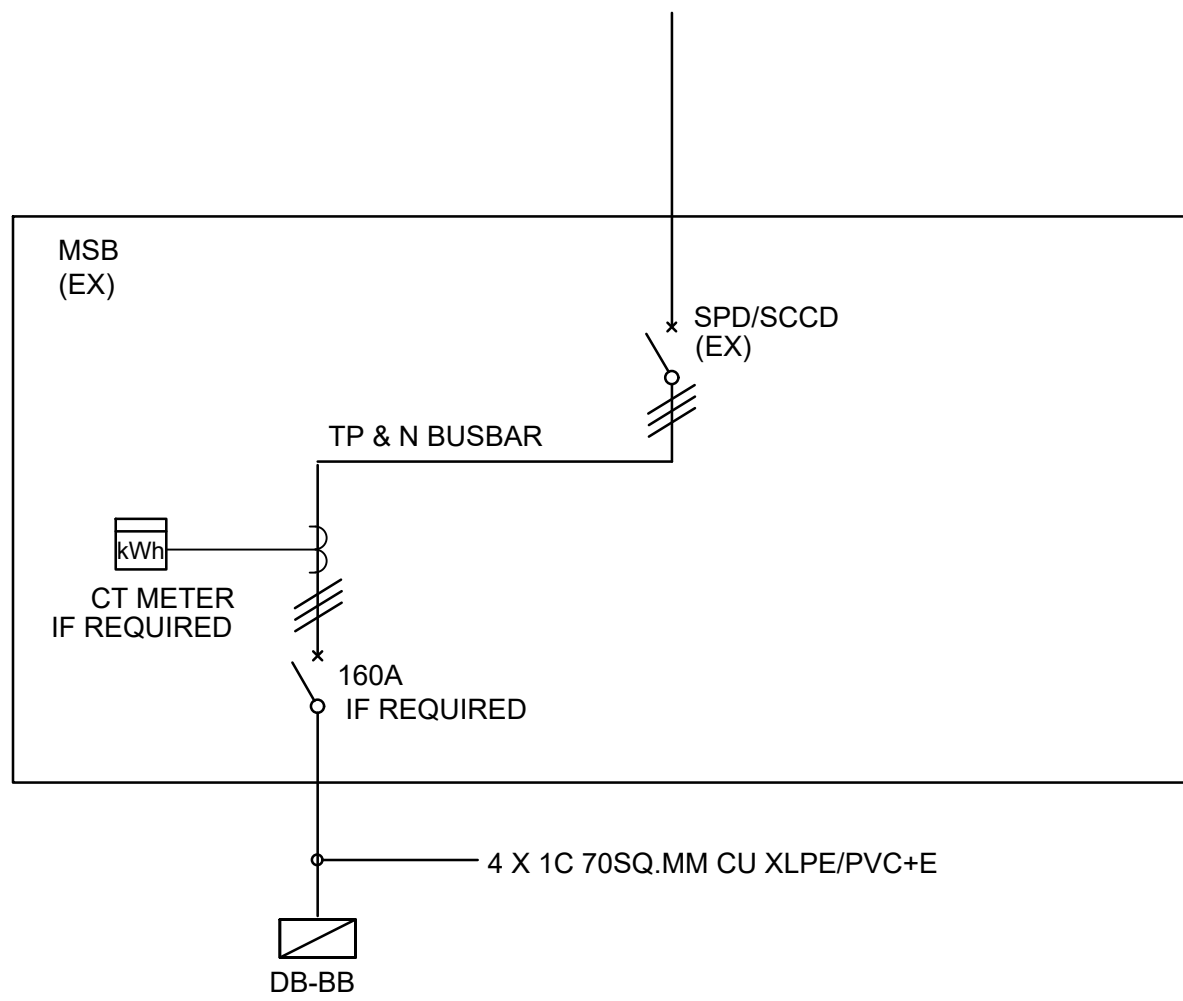
B

C

D

E

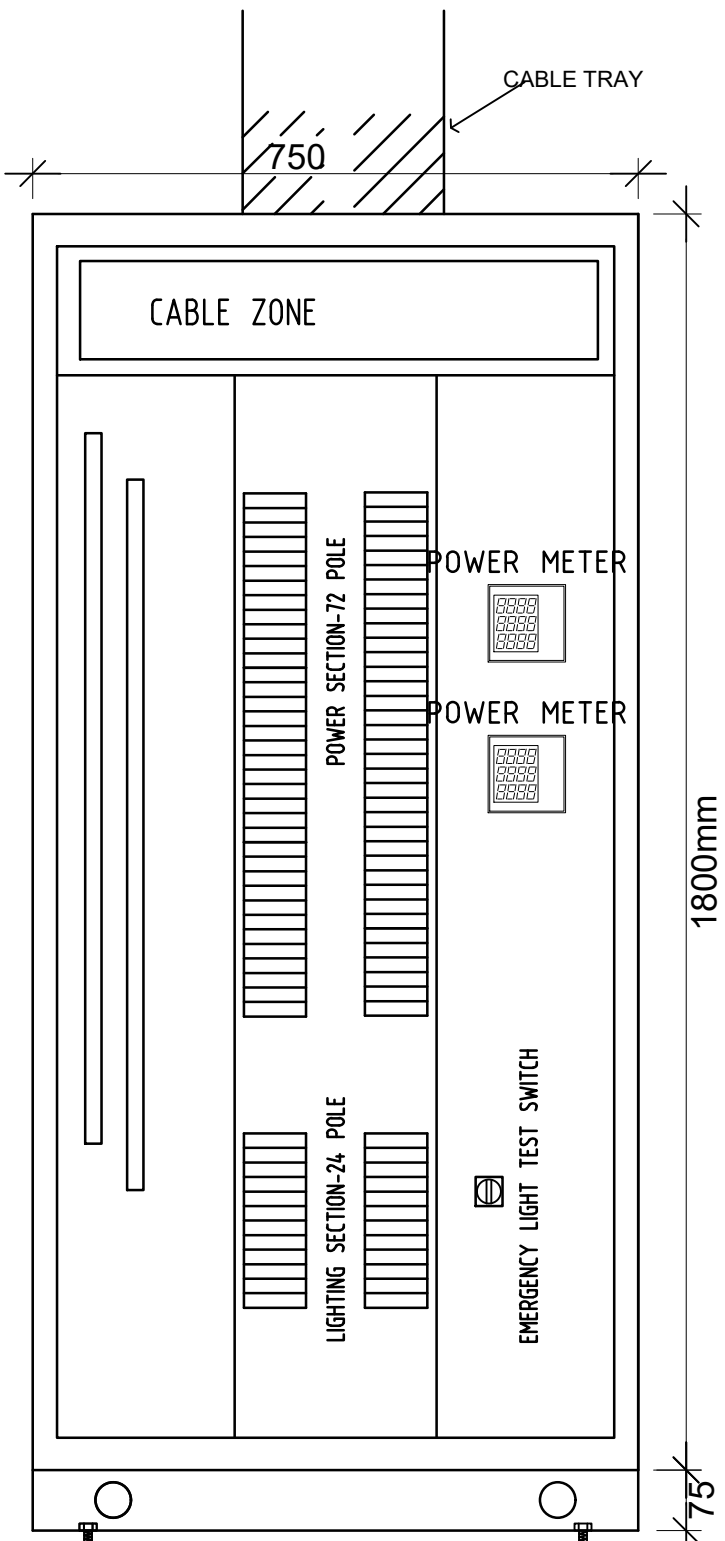
F



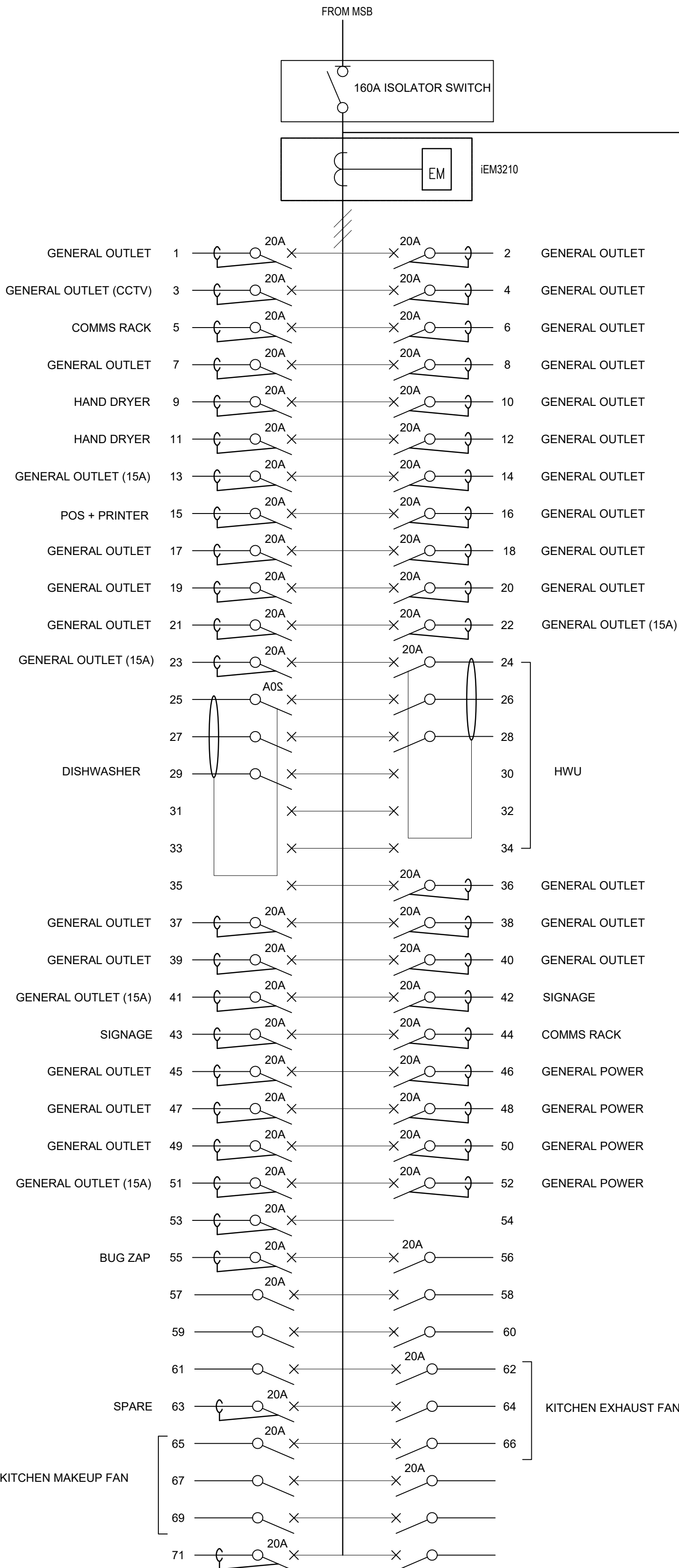
MAIN SWITCHBAORD AND METER
PANEL SCHEMATIC

SCOPE OF WORKS

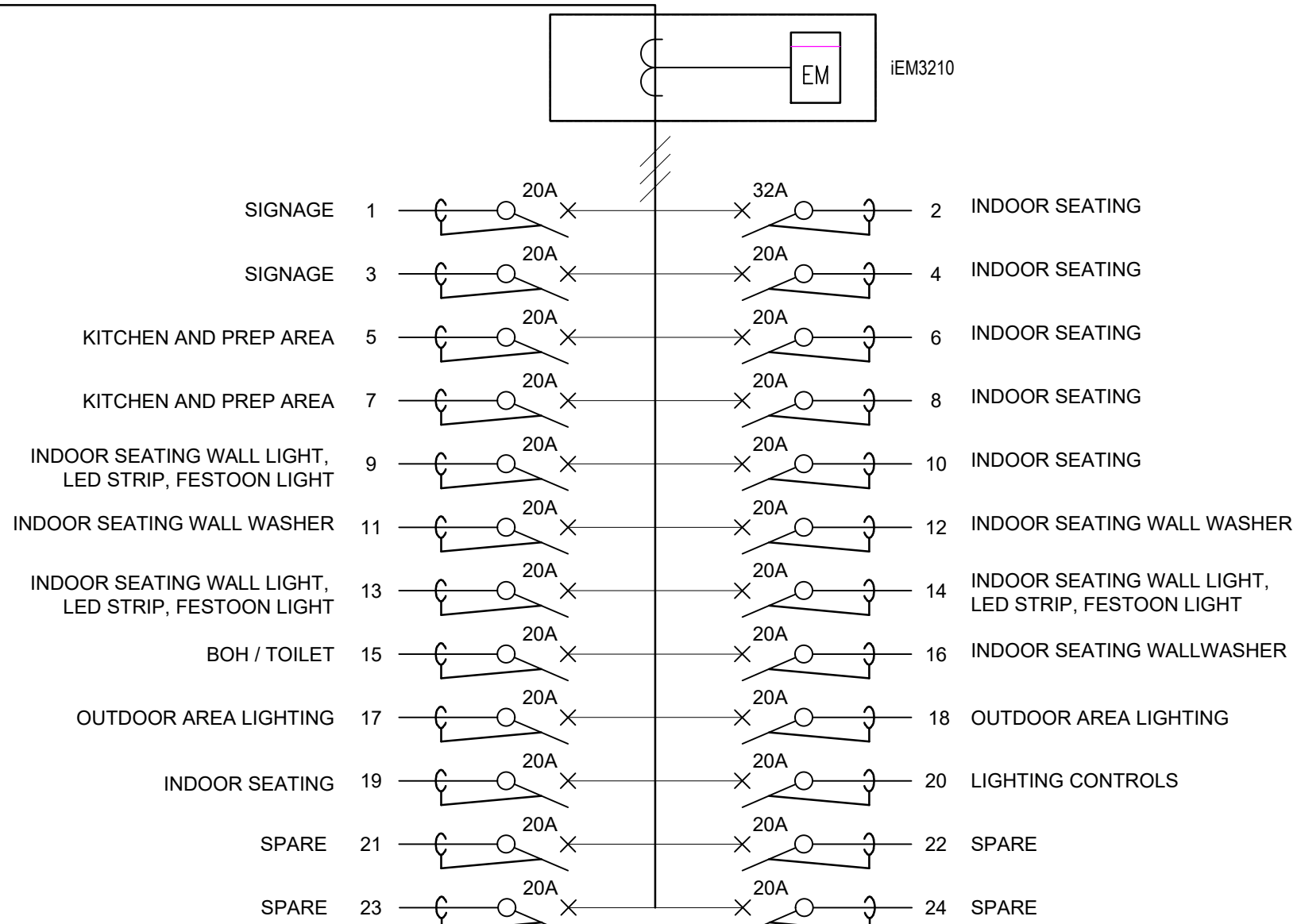
- CONTRACTOR TO ALLOW FOR A FULL SITE INSPECTION TO REVIEW THE EXISTING ELECTRICAL INFRASTRUCTURE, INCLUDING THE SITE SWITCH BOARD, THE METER PANEL AND ALL THE CIRCUIT BREAKER AND CABLE ALLOWANCE
- CONTRACTOR TO ENSURE THE CIRCUIT BREAKER AT THE METER PANEL AND SITE SWITCHBOARD IS SET AT APPROPRIATE SETTINGS TO ACHIEVE DISCRIMINATION AND SUPPLY A MINIMUM OF 160A.
- ALLOW FOR NEW CABLES AND SITE SWITCHBOARD UPDATE IF REQUIRED



DB -BB
ELEVATION
N.T.S



POWER CHASIS
72 POLES



LIGHTING CHASIS

24 POLES

DB -BB

FAULT LEVEL 25kA FOR 0.1 SEC

FORM 1 IP54

160A BUSBAR

96 POLES

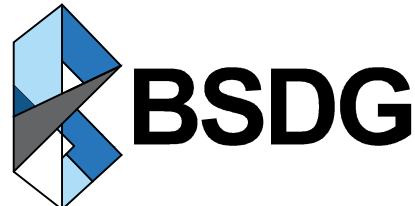
NOTES:

1. ALL CABLE SHALL BE SIZED TO COMPLY WITH THE LATEST VERSION OF AS3008.1 AND BETTY'S BURGER DESIGN BRIEF.
2. ALL CABLES SHALL BE COPPER. **ALUMINIUM WILL NOT BE ACCEPTED.**
3. PROVIDE CALCULATIONS VERIFYING DISCRIMINATION AND CASCADING OF CIRCUITS BREAKERS (INCLUDING DOWNSTREAM CIRCUIT BREAKERS) AS PART OF THE SHOP DRAWING PROCESS.
4. PROVIDE LAMINATED MSB SLD TO BE LOCATED ON SITE ADJACENT TO NEW MSB.
5. REFER TO THE MECHANICAL AND HYDRAULIC DRAWINGS BEFORE FINALISING THE SIZE OF THE BREAKER AND THE FINAL SUB-CIRCUIT OF ALL MECHANICAL AND HYDRAULIC EQUIPMENTS.

NOTE: - ELECTRICAL CONTRACTOR MUST OBTAIN APPROVAL FOR THE PROPOSED SWITCHBOARD AND METER PANEL DESIGN FROM UNITECT ENERGY ELECTRICAL INSPECTOR AND CONTRACTOR'S PRIVATE ELECTRICAL INSPECTOR PRIOR TO THE MANUFACTURING OF THE SWITCHBOARD

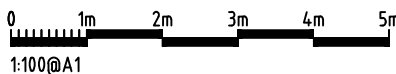
ELECTRICAL SERVICES – PROPOSED SCHEMATICS
N.T.S

REV	DESCRIPTION	DATE
P1	PRELIMINARY	15/08/2022



Suite G251, 442 Auburn Road
Hawthorn, Vic 3122
Tel : +61 3 9916 9141
www.bsdg.com.au
ABN 58 163 913 246

PRELIMINARY ISSUE



CLIENT
BETTY'S BURGERS

PROJECT
BETTY'S BURGERS EASTLANDS
TENANCY R02-03, EASTLANDS
SHOPPING CENTRE
175 MAROONDAH HIGHWAY
RINGWOOD VIC. 3134

DRAWING TITLE ELECTRICAL SERVICES SCHEMATICS			
SCALE	1:50@A1	DRAWING NUMBER	REV.
DATE	07/2022	E07	P1
DRAWN	YW	SHT. SIZE	JOB NUMBER
CHECKED	ZZ	A1	22075