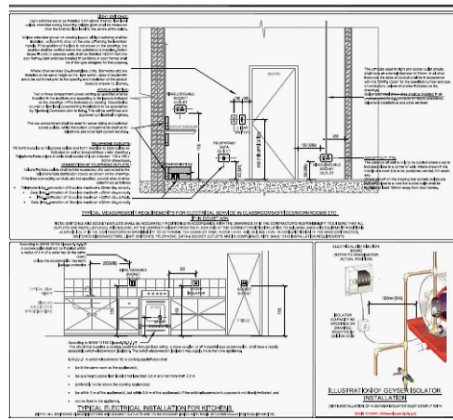




Typical PL1 Plug



LIGHTS
LIGHTS
PLUGS
PLUGS
GEYSER
GEYSER
ISOLATOR
ISOLATOR
ISOLATOR

=
=
=
=
=
=
=
=
=

MINIMUM CIRCUIT
WIRING SIZES : 2,5mm²
10A = 2,5mm² + 2,5mm²
15A = 2,5mm² + 2,5mm²
20A = 2,5mm² + 2,5mm²
25A = 4,0mm² + 2,5mm²
20A or 25A = 4,0mm² + 2,5mm²
30A or 40A = 6,0mm² + 4,0mm²
20A or 25A = 4,0mm² + 2,5mm²
30A or 40A = 6,0mm² + 4,0mm²
45A = 10mm² + 6,0mm²

2,5mm²
2,5mm²
2,5mm²
2,5mm²
2,5mm²
2,5mm²
2,5mm²
2,5mm²
2,5mm²

Legend	
SYMBOL	DESCRIPTION
	Dedicated 16A Switched Socket Outlet (Single)
	16A Switched Socket Outlet (Double)
	16A Switched Socket Outlet (Single) With 2 pin plugs and USB Ports
	Electrical Distribution Board
	2 x 18W LED Light
	Emergency 2 x 18W LED with Battery Backup
	Wall mounted 12W LED Bulbhead Light
	Wall Mounted Self Contained Battery Exit Sign
	24 Main Exit Sign - One Sided
	Photo-Electric Daylight Switch
	16A One Way Single Pole Light Switch
	16A One Way Single Pole Light Switch - Explosion Proof type
	Ceiling Fan Control
	3-Blade Ceiling Fan
	2-Compartment Power Skirting
	Indicates Circuit Number
	Data Outlet Point
	Telephone Outlet Point
	Single Phase Isolator

Signature by the Client department

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Revisions			
Rev. No.	Date	Description	Rev. by

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PROVINCE OF KWAZULU NATAL
DEPARTMENT
OF
EDUCATION
HEAD: EDUCATION

PROJECT
DEPARTMENT OF EDUCATION:
KING CETSHWAYO DISTRICT MUNICIPALITY
PROPOSAL - UPGRADES & ADDITIONS
AT NDABAYAKHE PRIMARY SCHOOL

DRAWING DESCRIPTION
THREE CLASS ROOM
SMALL POWER & DATA

PROJECT No.		DRAWING No.	REVISION
1905-04		EE-SP-01	0
SCALE	DATE	DESIGNED/DRAWN	CHECKED
N.T.S	Sep 2022	T.M	A.M

NDABAYAKHE PRIMARY SCHOOL

Electrical Notes	
1. ALL CONDUIT RECESSED SABS APPROVED PVC WITH GALVANISED OUTLET BOXES (EXCEPT 50 DIA ROUND TO BE PVC).	
2. HEIGHTS ABOVE FINISHED FLOOR LEVEL SHOWN TO BOTTOM OF OUTLET/EQUIPMENTS.	
3. ALL EQUIPMENT TO BE SUPPLIED AS SPECIFIED. NO ALTERNATIVES TO BE TENDERED.	
4. ALL LIGHT SWITCHES MOUNTED AT 1400mm AFFL UNLESS OTHERWISE SPECIFIED.	
5. ALL OUTLETS, WIRING AND CONDUITS TO BE INSTALLED BY ELECTRICAL CONTRACTOR.	
6. SOCKET OUTLETS MOUNTED AT 300mm AFFL UNLESS OTHERWISE SPECIFIED.	
7. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS FOR CO-ORDINATION PURPOSES.	