TYPICAL LED DOWN-LIGHTER

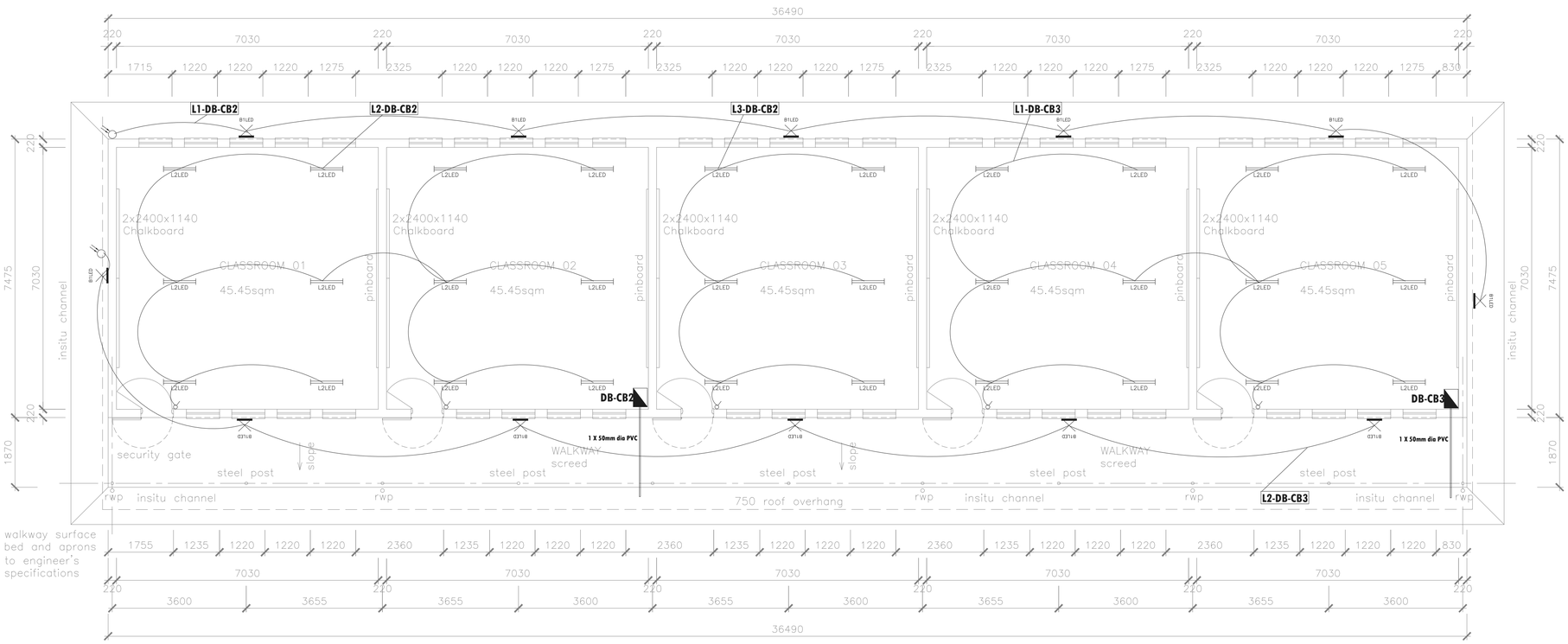
TYPICAL DB

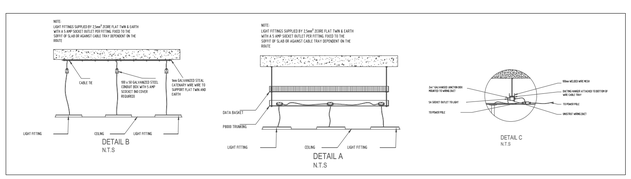
TYPICAL 18W LED TUBE

TYPICAL LED BULKHEAD

MINIMUM CIRCUIT WIRING SIZES : 2,5mm²

LIGHTS	=	10A	=	2,5mm²	+	2,5mm²	E
LIGHTS	=	15A	=	2,5mm²	+	2,5mm²	E
PLUGS	=	20A	=	2,5mm²	+	2,5mm²	E
PLUGS	=	25A	=	4,0mm²	+	2,5mm²	E
GEYSER	=	20A or 25A	=	4,0mm²	+	2,5mm²	E
GEYSER	=	30A or 40A	=	6,0mm²	+	4,0mm²	E
ISOLATOR	=	20A or 25A	=	4,0mm²	+	2,5mm²	E
ISOLATOR	=	30A or 40A	=	6,0mm²	+	4,0mm²	E
ISOLATOR	=	45A	=	10mm²	+	6,0mm²	E





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 OUTLETS/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.

Legend

SYMBOL	DESCRIPTION
	Dedicated16A Switched Socket Outlet (Single)
	16A Switched Socket Outlet (Double)
1PL1	16A Switched Socket Outlet (Single) With 2 pin plugs and USB Ports
	Electrical Distribution Board
	Data Distribution Board
FS2	2 x 18W LED Light
FX0 FY2	Emergency 2 x 18W LED with Battery Backup
	Wall mounted 12W LED Bulkhead Light
	Wall Mounted Self Contained Battery Exit Sign a) Main Exit Sign - One Sided.
	Photo-Electric Daylight Switch.
	16A One Way Single Pole Light Switch.
(FP)	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

CHECKED BY CONSULTANT

NAME

SIGNATURE Date

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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

FIVE CLASS ROOM BLOCK
LIGHTING LAYOUT

PROJECT No.	DRAWING No.	REVISION
1905-04	EE-LL-02	0

SCALE	DATE	DESIGNED/DRAWN	CHECKED
N.T.S	Sep 2022	T.M	A.M

NDABAYAKHE PRIMARY SCHOOL