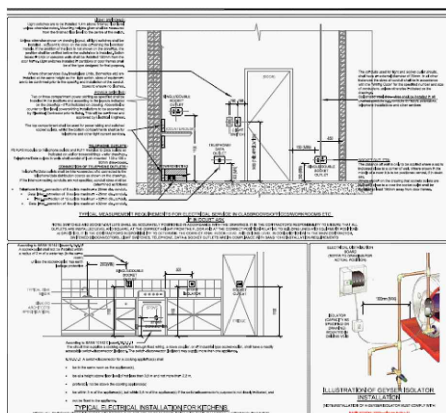
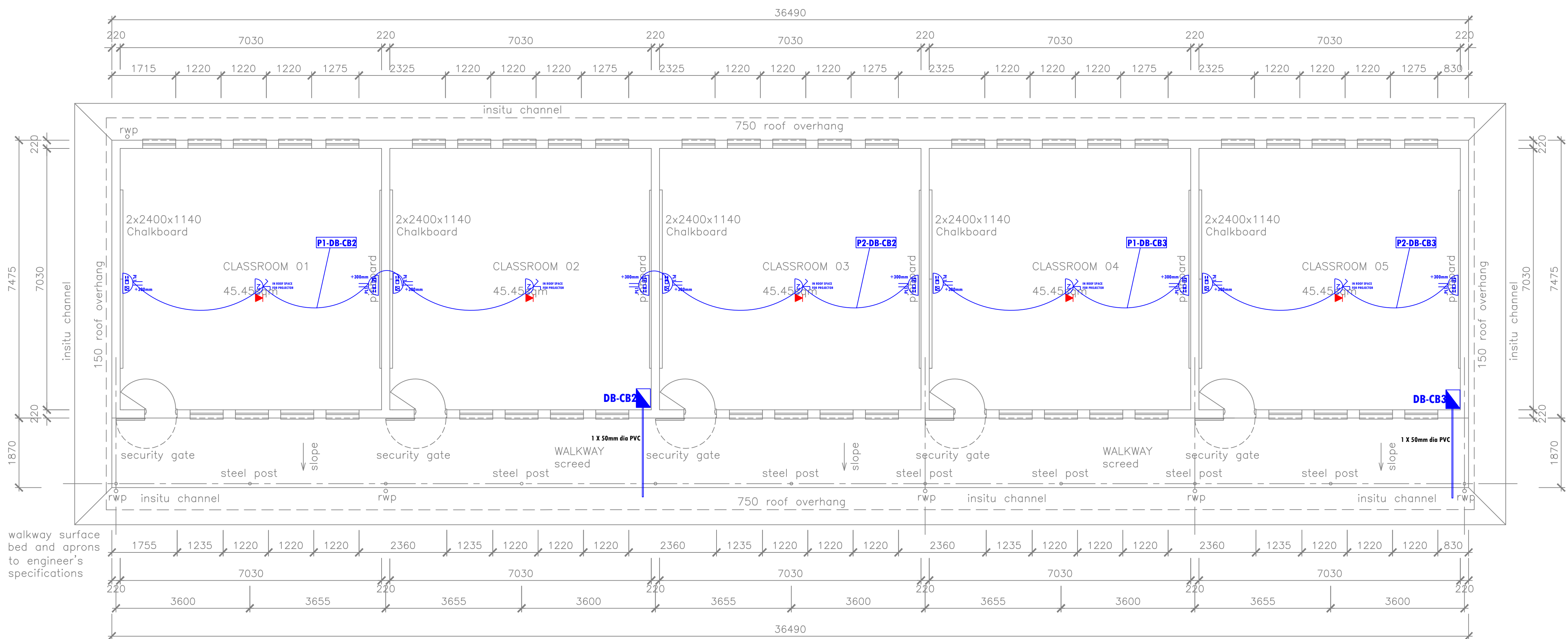




Typical PL1 Plug



| MINIMUM CIRCUIT WIRING SIZES : 2,5mm ² | | | |
|--|---|------------|---|
| LIGHTS | = | 10A | = 2,5mm ² + 2,5mm ² E |
| LIGHTS | = | 15A | = 2,5mm ² + 2,5mm ² E |
| PLUGS | = | 20A | = 2,5mm ² + 2,5mm ² E |
| PLUGS | = | 25A | = 4,0mm ² + 2,5mm ² E |
| GEYSER | = | 20A or 25A | = 4,0mm ² + 2,5mm ² E |
| GEYSER | = | 30A or 40A | = 6,0mm ² + 4,0mm ² E |
| ISOLATOR | = | 20A or 25A | = 4,0mm ² + 2,5mm ² E |
| ISOLATOR | = | 30A or 40A | = 6,0mm ² + 4,0mm ² E |
| ISOLATOR | = | 45A | = 10mm ² + 6,0mm ² E |



| Electrical Notes | | | |
|--|--|--|--|
| 1. ALL CONDUIT RECESSED SABS APPROVED PVC WITH GALVANISED OUTLET BOXES (EXCEPT 60 DIA ROUNDO 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 APFL UNLESS OTHERWISE SPECIFIED. | | | |
| 5. ALL OUTLETS, WIRING AND CONDUITS TO BE INSTALLED BY ELECTRICAL CONTRACTOR. | | | |
| 6. SOCKET OUTLETS MOUNTED AT 300mm APFL UNLESS OTHERWISE SPECIFIED. | | | |
| 7. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS FOR CO-ORDINATION PURPOSES. | | | |

| 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 |
| | Data Distribution Board |
| | 2 x 18W LED Light |
| | Emergency 2 x 18W LED with Battery Backup |
| | Wall mounted 12W LED Bulkhead Light |
| | Wall Mounted Self Contained Battery Ext Sign 30 Min Ext Sign - One Sided |
| | Photo-Electric Daylight Switch |
| | 16A One Way Single Pole Light Switch - Explosion Proof type |
| | 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 NKOSITHANDILE SECONDARY SCHOOL

DRAWING DESCRIPTION
FIVE CLASS ROOM
SMALL POWER & DATA

| PROJECT No. | | DRAWING No. | | REVISION |
|-------------|----------|----------------|---------|----------|
| 1905-04 | | EE-SP-02 | | 0 |
| SCALE | DATE | DESIGNED/DRAWN | CHECKED | |
| N.T.S | Sep 2022 | T.M | A.M | |

NKOSITHANDILE SEC. SCHOOL