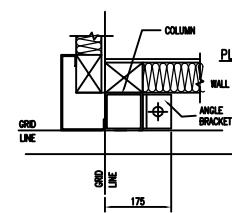
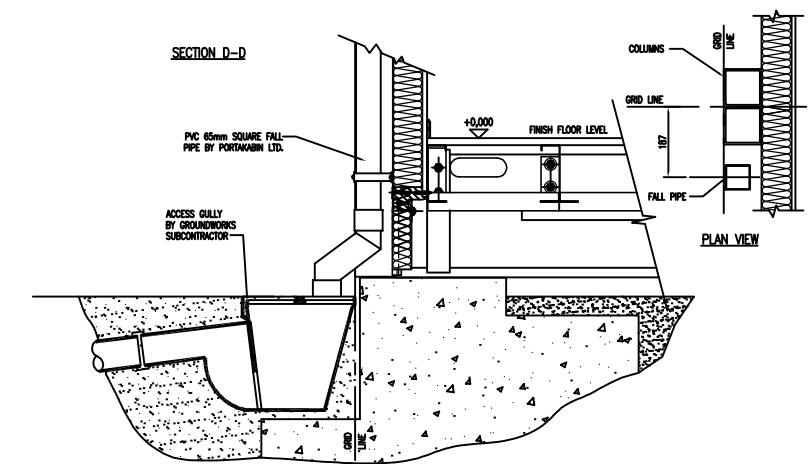
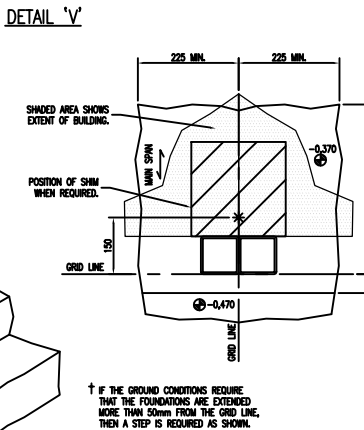
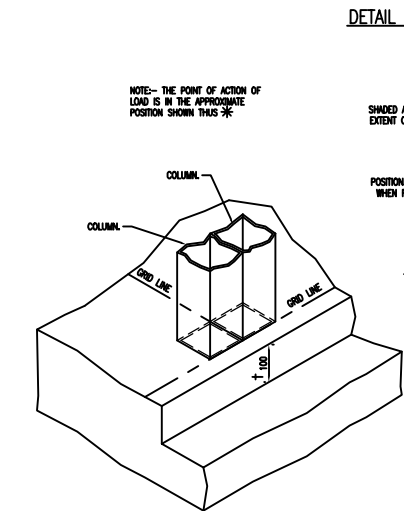
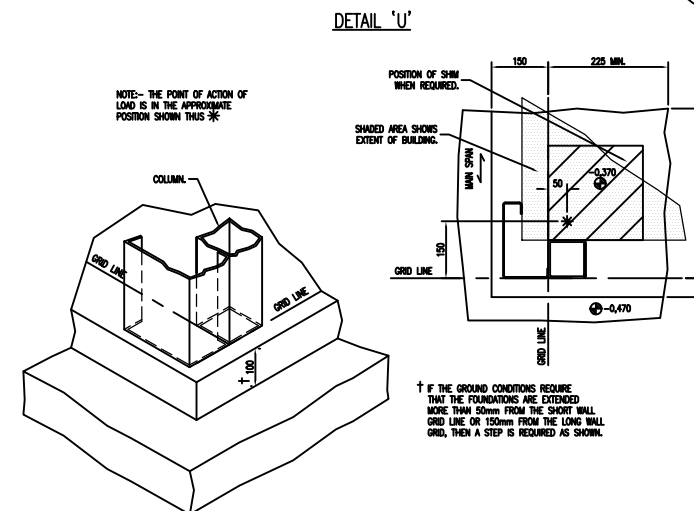
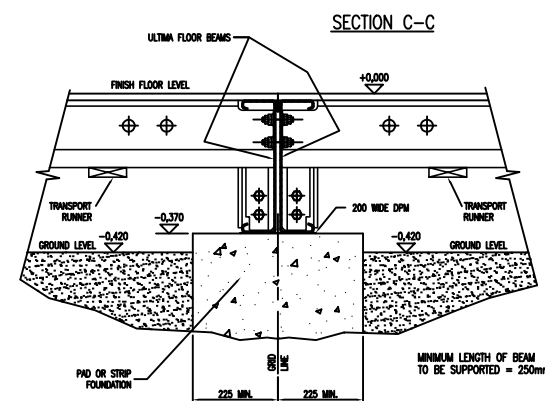
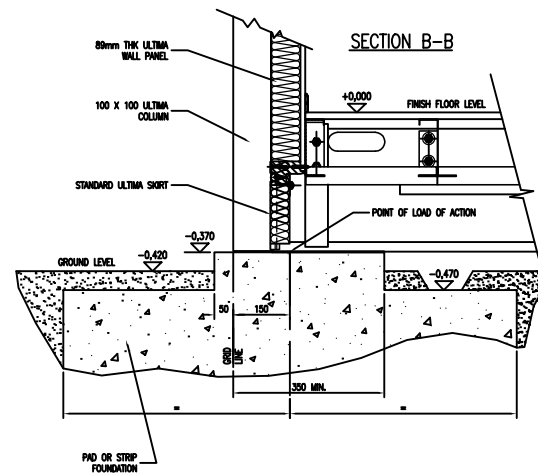
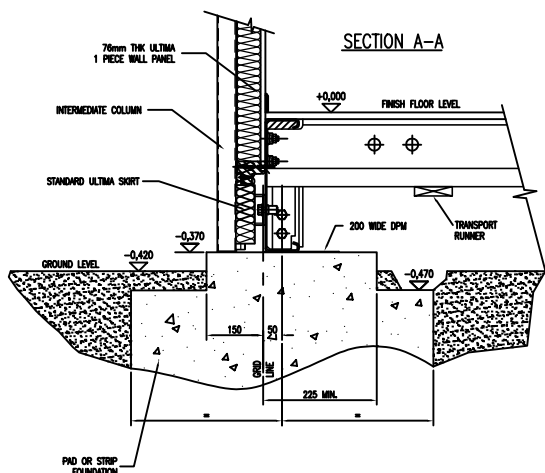
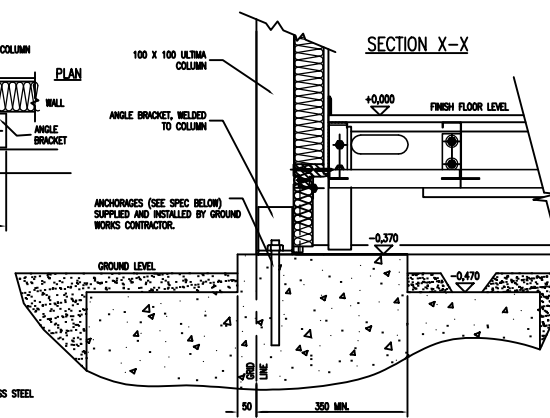


## ELECTRICAL LOADINGS

TOTAL LOAD = 29.54kW  
 DIVERSE LOAD = 18.56kW  
 THREE PHASE DIVERSIFIED LOAD = 26.90  
 Amps/phase



ANCHORAGE COMPONENTS  
 MULTI-ANCHORAGES  
 HWS-B 162X170mm STAINLESS STEEL  
 ROD C/W NUT & WASHER  
 HWS 162X170mm ADHESIVE FILL  
 CAPSULE  
 SPECIAL PRODUCT REF. 28 NYLON  
 ISOLATING BUSH



## NOTES:

- THE INFORMATION CONTAINED ON THIS DRAWING DESCRIBES THE FOUNDATION REQUIREMENTS FOR THE PROPOSED BUILDING TO ASSIST WITH THE DESIGN AND DETAILING OF CONSTRUCTION DRAWINGS. THE GRID REFERENCES AS SHOWN SHOULD BE INCLUDED ON ALL FOUNDATION CONSTRUCTION DRAWINGS.
- FOUNDATIONS MAY TAKE THE FORM OF EITHER PADS OR STRIPS, DEPENDING ON SITE CONDITIONS. WHERE STRIP FOUNDATIONS ARE TO BE USED REVISED FOUNDATION DESIGN LOADS CAN BE PROVIDED ON REQUEST. THE DESIGN SHOULD BE ESTABLISHED BY AN ENGINEER, ARCHITECT OR EXPERIENCED BUILDING CONTRACTOR.
- FOUNDATIONS SHOULD BE DESIGNED IN ACCORDANCE WITH BS 8004 & BS8110. CONCRETE FOUNDATIONS SHALL BE AT LEAST TO C20P OR C30 GRADE TO BS5328.
- FOUNDATION DESIGN LOADS AS SHOWN AT EACH PAD POSITION ARE IN kN & INCLUDE:  
 THE DEAD WEIGHT OF THE BUILDING  
 IMPOSED FLOOR LOAD OF 3kN/m<sup>2</sup>  
 IMPOSED ROOF LOAD OF 0.75kN/m<sup>2</sup>  
 IMPOSED WIND LOAD  
 FOR BOLTING DOWN REQUIREMENTS WHEN REQUIRED SEE SECTION X-X. BOLTING DOWN POSITIONS ARE INDICATED ON FOUNDATION LAYOUT (4 NO. MARKED "X")
- CONSTRUCTION TOLERANCES:  
 TOPS OF FOUNDATIONS MUST BE SMOOTH, FLAT & LEVEL.  
 ALL FOUNDATIONS MUST BE LEVEL TO +0, -5mm. THE POSITION OF FOUNDATIONS MUST BE WITHIN 5mm OF STATED DIMENSIONS. CHECKS SHOULD BE MADE FOR SQUARENESS. THE OVERALL DIAGONAL TO BE +10mm OF CALCULATED DIMENSION.
- ALL GRID LINES TO BE CLEARLY MARKED WITH INDELIBLE MARKING ON THE COMPLETED FOUNDATIONS TO ASSIST WITH CHECKING LEVELS & POSITIONING THE BUILDING.
- LEVELS AT THE POINT OF LOAD FOR EACH GRID REFERENCE TO BE TAKEN & RECORDED ON THE FOUNDATION COMPLETION FORM.  
 THE FOUNDATION COMPLETION FORM IS TO BE COMPLETED & RETURNED TO PORTAKABIN LTD. BY THE AGREED DATE, IDEALLY 7 DAYS MINIMUM PRIOR TO THE ERECTION OF THE BUILDING.
- ASSOCIATED GROUNDWORKS:  
 THE FOLLOWING WORKS SHOULD BE COMPLETED AFTER THE ERECTION OF THE BUILDING:  
 BOLTING DOWN (WHERE REQUIRED), DRAINAGE & SERVICE CONNECTIONS, CONCRETE FLOORS, ENTRANCE RAMPS, STEPS, PERIMETER PAVING, BRICK PLINTHS, & KERBING,
- ALL DIMENSIONS ARE FROM GRID LINES.
- THE UNDERSIDE OF THE BUILDING SHALL HAVE AN INERT SURFACE. TOPSOIL & ANY VEGETABLE MATTER SHALL BE REMOVED FROM THE AREA TO BE COVERED BY THE BUILDING & A CHEMICAL WEED KILLER APPLIED TO THIS AREA. A LAYER OF CRUSHED STONE 100mm THICK MINIMUM SHALL BE PLACED & COMPACTED BY APPROPRIATE MECHANICAL MEANS, TO THIS AREA.
- IF PAVEMENTS, LANDINGS, RAMPS, WALLS, ETC. ARE TO BE CONSTRUCTED ADJACENT TO THE WALLS OF THE ULTIMA BUILDING, SUCH WORKS SHALL BE DESIGNED & CONSTRUCTED TO AVOID DAMAGE TO THE ULTIMA BUILDING. THE REQUIREMENT FOR ADEQUATE VENTILATION TO THE UNDERSIDE OF THE BUILDING TO MEET THE BUILDING REGULATIONS SHOULD BE TAKEN INTO ACCOUNT.
- RWP = RAINWATER FALL PIPE (5 No.).

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Rev. Date By  
 A 21.08.05 SECTION D-D AMEDNED. CG

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Project **CLASSROOM SOLUTIONS**

Client **CLASSROOM STOCK**

Title  
**FOUNDATION  
 LOADING DRAWING  
 SINGLE STOREY**

Date **01.08.03** Drawn **C GURDEN**

Scale **1:75 & 1:10 @ A1**

Drg. No. **U0367/04** Rev. **A**