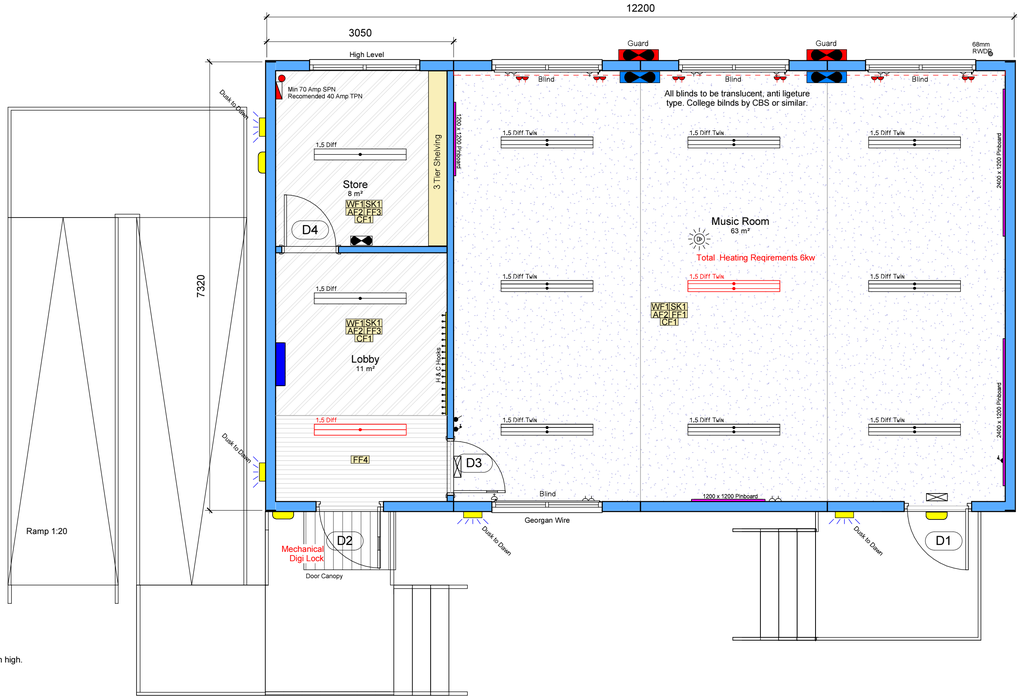
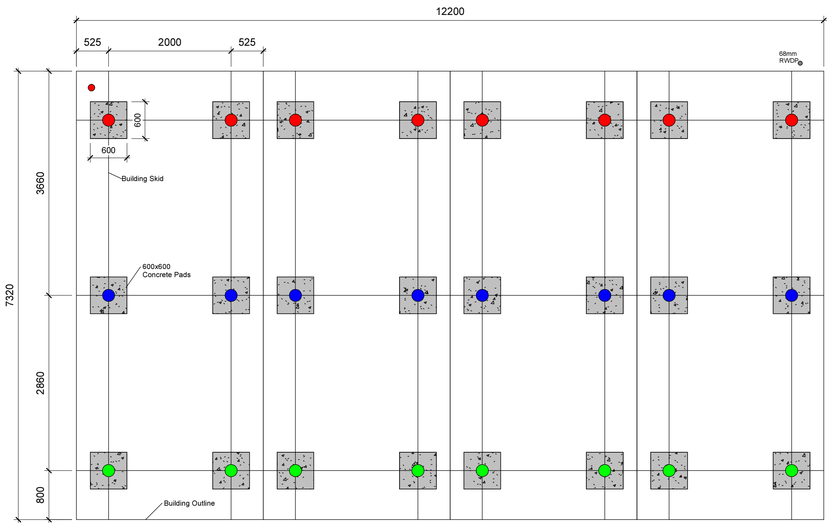


Ramps to have an ddditional handrail at 600mm high.
Ramp and stairs to be boxed in underneath.
Stairs to have closed risers.



24° Single Stacked School, Point Loadings

Gk = 10.9 kN
Qk = 14.1 kN

Gk = 6.4 kN
Qk = 12.0 kN

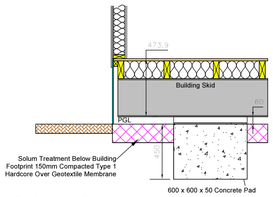
Gk = 10.9 kN
Qk = 14.1 kN

The Variable Point Loads Are Based Upon

Variable Roof Loading
Snow/Serving qk = 0.6kPa

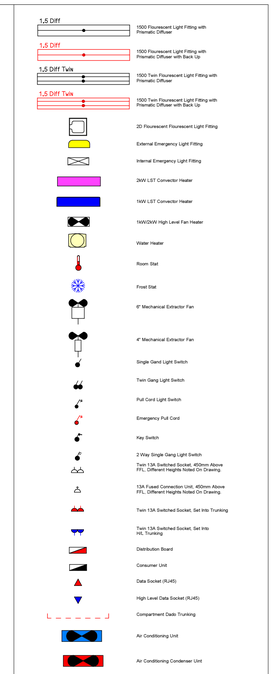
Variable Floor Loadings
Ground Floor qk = 3.0kPa
From Table NA.2 of NA to BS EN 1991-1-1

Note:- Wind Loading Has Not Been Accounted For
All Loads Area Unfactored



Pad Foundation Detail
Scale 1:25

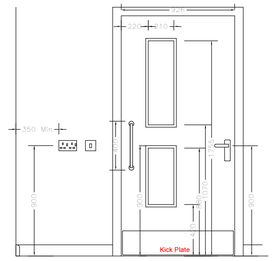
These Foundations Are Based On An Allowable Ground Bearing Pressure Of 100 kPa
If This Bearing Pressure Can Not Be Achieved Then Reference Must Be Made To Sibcas Ltd.
Any Soft Spots Below Foundations Must Either Be Compacted Or Removed And Replaced With Suitable Compacted Granular Fill Or Lean Concrete.
Concrete In Foundations Should Be Of A Grade Not Less Than C20
All Foundations Are Based On A Floor Live Load Of 3 kPa



Internal Wall Legend - A1

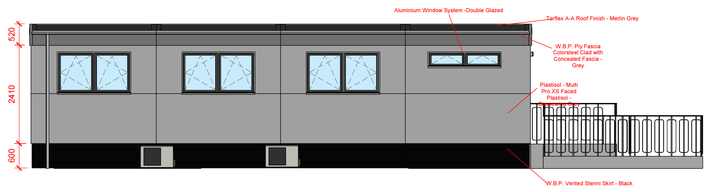
(Manchester)

Internal Door Sizes, Ironmongery Heights
Light Switch and Power socket heights



Doors To Have a closing force not exceeding 20 Newton's
Door Furniture To be Contrasting with the door itself and its surround.
Doors Opening Furniture Should not be cold to the touch.
Doors Thresholds height Will be not more than 15mm Height.

Door and Socket Detail
Scale 1:25





Elevations
Scale 1:75

External Fire Rating Is Indicative Only Until A Full Site Survey Is Carried Out And Position Of Building Is Confirmed

Ramp & Steps Are Indicative Only Until A Full Site Survey Can Be Carried Out (Based On Level 600mm High).
Perimeter Skirting To Ramp to Be Applied.

Ventilation Table

Room Name	Type Of Room	Room Occupancy	Air Supply Rate Requierment	Airflow Rate Due To Temp Differance	Airflow Rate Due To Wind Effect	Airflow Rate Due To Mechanical Extract	Total Airflow Rate Of Room	Air Changes Per Hour
Music Room	Standard Classroom	30	240.0 l/s	375.95 l/s	341.35 l/s	0 l/s	376 l/s	9.0 AC/h
Store	Store	1	2.5 AC/h	8.50 l/s	13.24 l/s	0 l/s	17 l/s	3.2 AC/h

KEY OPERATIONAL LOADINGS FOR BUILDING	
Classroom Occupancy Level	30 Pupils
Floor Loadings	3 kPa
Electrical Loading	Min - 70A SPN Recommended 40A TPN
Water Pressure Req	N/A

Walls
WF1 Matt, Emulsion (Magnolia)
WF2 Mid Sheen, Emulsion (Magnolia)
WF3 Respatex

Skirtings
SK1 90mm x 12.5mm Timber, O.G. Moulding (White Gloss)
SK2 Coved, Sit On Top (Grey)
SK3 Coved, Welded (Grey)

Architraves
AF1 Timber (White Gloss)
AF2 Timber (Oak Stain)

Flooring
FF1 Carpet, Gala 35 (Blue)
FF2 Non Slip 2mm Safety Vinyl, Altro-Contrax Range (Grey)
FF3 Vinyl, Tarkett - Tapflex TX243, Sapphire Range (Grey)
FF4 Entrance Barrier Matting, Heckmondwicke Range (Grey)

Ceilings
CF1 Smooth Finish, Matt, Emulsion (White)
CF2 Smooth Finish, Mid Sheen, Emulsion (White)
CF3 Artex, Matt, Emulsion (White)
CF4 Artex, Mid Sheen, Emulsion (White)
CF5 White PVC Paneling

Windows
White powder Coated Aluminium Window Section
Venetian Blinds (Optional)

Splash Backs To Sinks
Minimum 300mm High Wet Wall Behind Sinks and Wash Basins White

Doc 'M' Pack (Disabled WC)
Blue

Debris Skirt Ventilation
To Be Ventilated Both Sides To Every Module

Frost Protection
All Wet Areas To Have Remote Thermostat Installed For Frost Protection

Links Between Modules
All Knock-Through Link Heights To Be To underside Of Window Lintel

Walls
Multi Pro XS Faced with Plastisol (Goosewing Grey)

Fascia
W.B.P. Fascia Board, Colorsteel Clad (Merlin Grey)

Debris Skirt
Plywood (Black)

Rainwater Goods
uPVC (Grey)

Door Schedule			
Mark	Family	Type	Comments
D1	Sibcas - 1100mm - External Fire Exit	Sibcas - Fire Exit - Push Bar - 1100mm with Finger Guards	
D2	Sibcas - External Door with VP - 1100mm Main Entrance	Sibcas - Ext Main Door - 1100mm - Lever Handle - Mechanical Digi Lock & Finger Guards	
D3	Sibcas - Internal - 926mm with VP	Sibcas - Int - 926mm (VP) - Lever Handle & Finger Guards with Euro Cylinder - Key & Turn	
D4	Sibcas - Internal - 926mm No VP	Sibcas - Int - 926mm (No VP) - With Lever Handle & Finger Guard & Euro Cylindar - Key & Turn	

All Internal Walls To Have A Class O Fire Rating / Class 1 Spread Of Flame

All Plumbing To Comply To Current British Standard Requirements BS 6465-Part 1:2006

All Electrics To Comply To Current 17th Edition I.E.E. Regulations BS 7671: 2008

All Internal Doors To Be FD30 (Doors Marked FD30s To Have Intumescent Strip Fitted Etc)

Viewing Panels To Be Fitted On Doors As Indicated On Drawing

All Emergency Lighting To Be In Compliance With BS 5266 Part 1 2005

All Fire Doors To Be Marked With The Appropriate Fire Safety Signs (BS 5499 Pt 1 2002)

All Ramps & Disabled Toilets To Be In Compliance With BS 8300 : 2009

All Ventilation To Be In Compliance With BS 5925 Part 1 1991

All Glazing to Comply with BS6262 : Part 1&4 2005

A 1200mm Clear Working Space Has To Be Provided On All Permaspace Single Module Installations.
A 2500mm Clear Working Space Has To Be Provided On All 2 or More Storey Module Permaspace Installtions. Ground Condition To Be Level, Consolidated Ground. Unless Previously Agreed.

Do Not Scale From Drawing
If Unsure Please Contact The Sibcas Drawing Office
Sibcas Take No Responsibility For Errors Caused By Scaling From The Drawing

Rev	By	Date	Description	Chk	App
S-4	PK	20.09.13	Ramps Amended		
S-3	IF	12.09.13	Ramps and Stairs Added	PK	
S-2	IF	10.09.13	Escape Door Position Amended	PK	
S-1	KG	05.09.13	Internal Wall Amended	PK	
S-0	IF	27.08.13	Initial Drawing	PK	

Stage
SALES

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Client
Manchester City Council

Project
Temporary Music Classroom at Rolls Crescent Primary School

Drawing Title
Plan and Elevations

Scale
1:50 @ A1

Drawing No.
191 13 01

Revision
S-4