

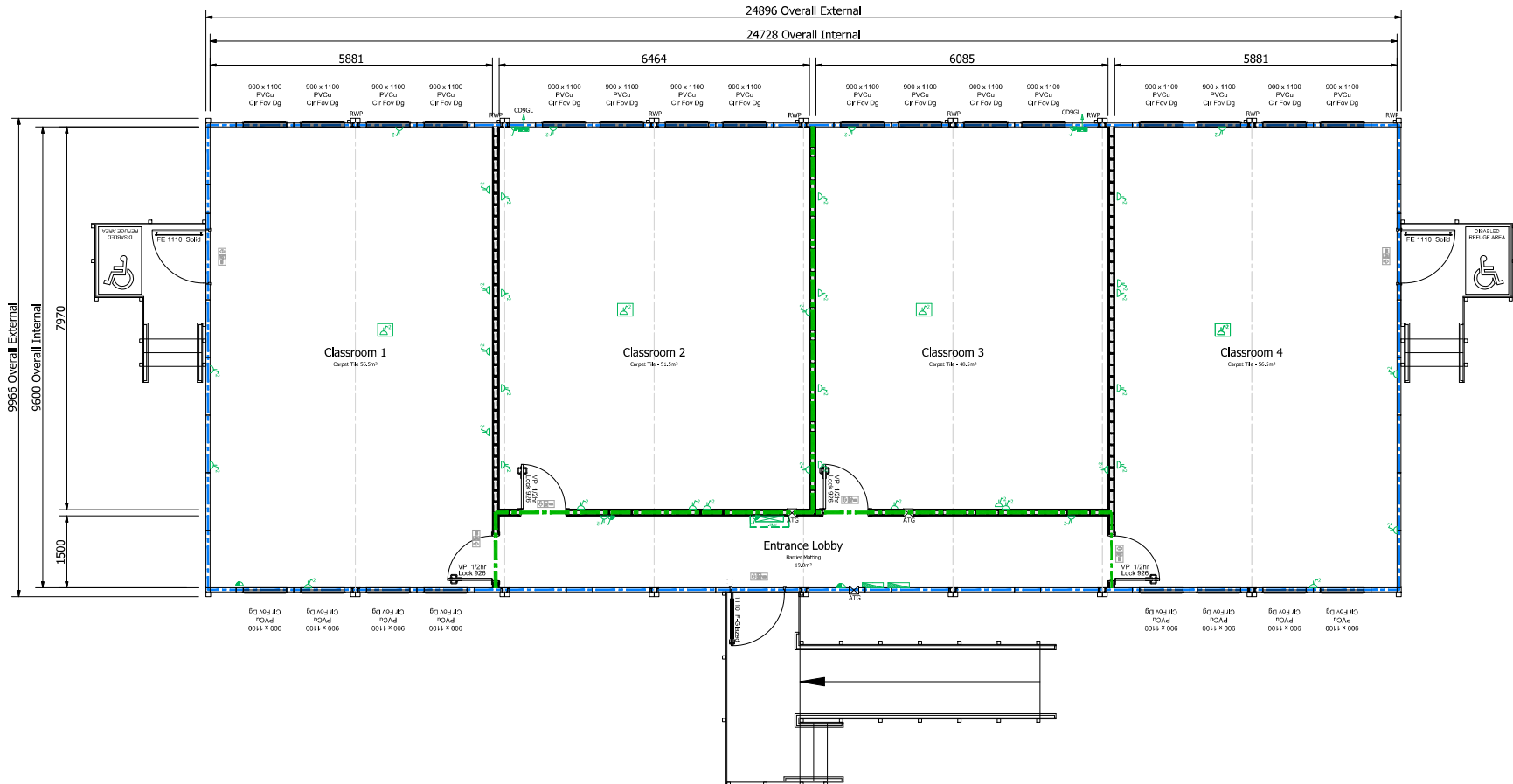
FIRE STRATEGY

1 HOUR FIRE RATING, EXTERNAL PERIMETER
WALLS IN TO OUT ONLY
(EXCLUDING WINDOWS & DOORS).

30 Min FIRE RATING, INTERNAL WALLS & DOORS

PARTITION KEY

TYPE 'D' 45dB 139mm
(x12.5mm Vinyl PlBoard + 89mm Stud + Insul)



Title Block		Revision History	
Rev	Description	Rev	Description
1	Issue	1	Issue

General Notes:

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- Do not scale from this drawing, work to figured dimensions only.
- All dimensions are in millimetres.

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Client: Willmott Dixon Construction Ltd

Project: Classroom Accommodation
Blessed Carlo Acutis Catholic School
Steelplan Multi

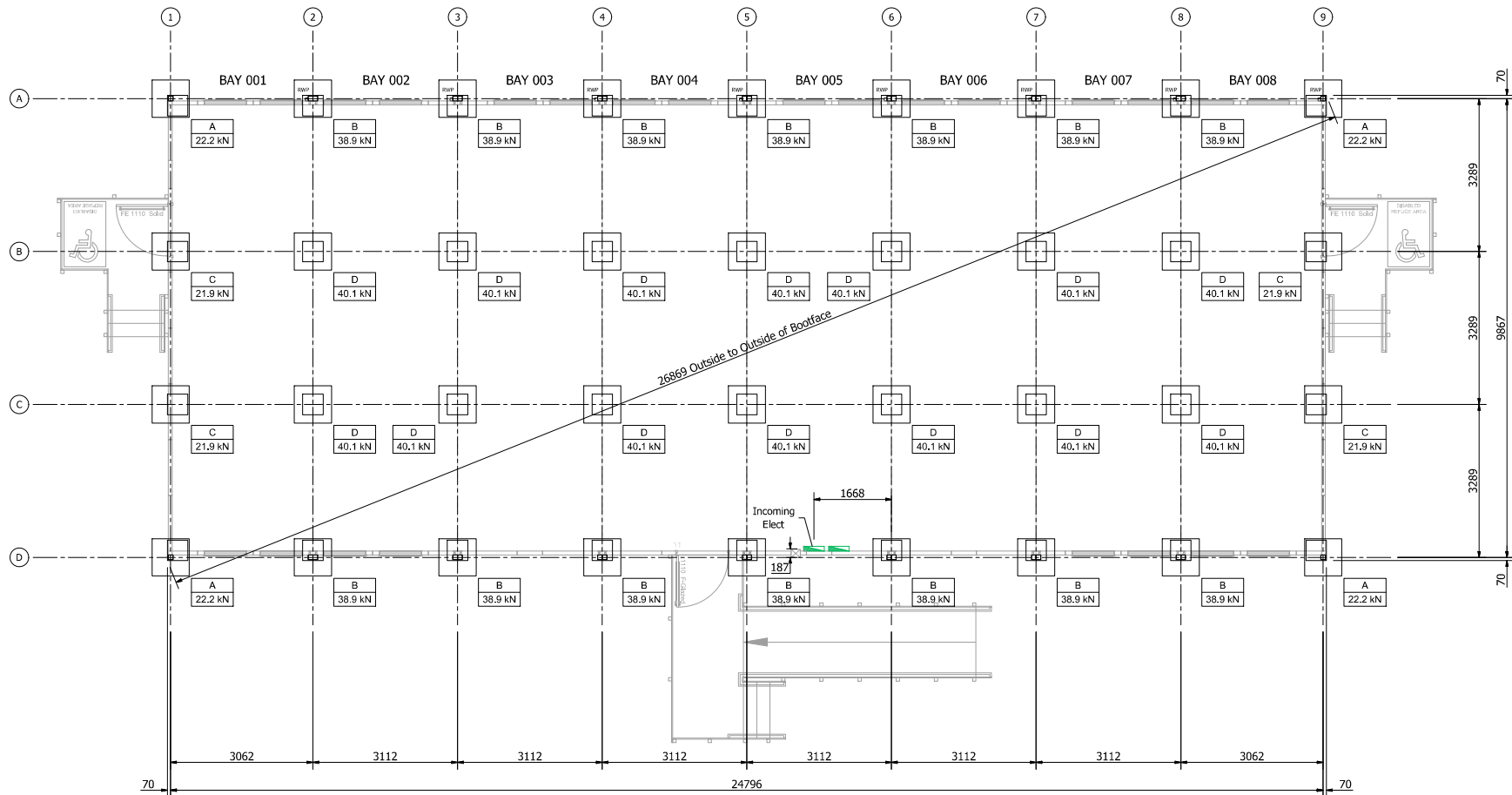
Drawn By:	Drawn Date:	Checked By:	Checked Date:
DC	20.03.23	BJP	20.03.23

Scale: 1:50
Sheet Size: A1
Sheet Number: 1 of 1

Drawing Title: 8 No. Bays 9.6 x 3.1m
2.5m Ceiling Height
Plan Layout (Option 1)

Drawing Number: L220118-111
Rev: A





All loads indicated are unfactored
(Combined dead & imposed loads)

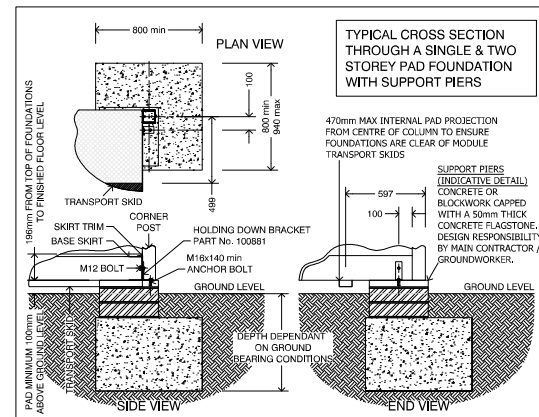
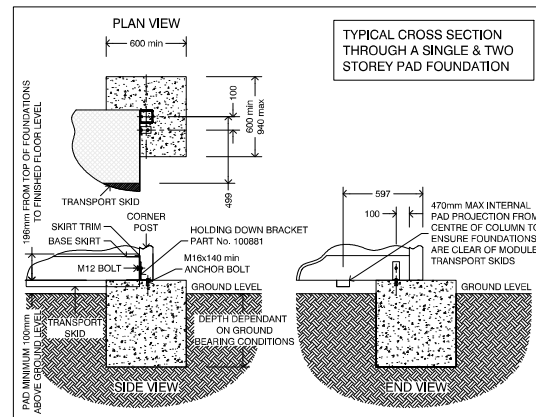
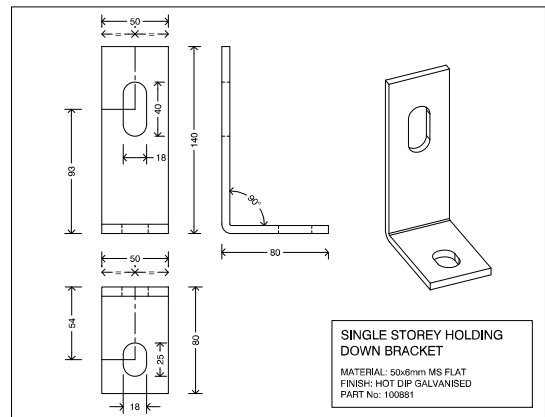
STEELPLAN MULTI FOUNDATION NOTES:

- The size and type of foundation will depend on the bearing capacity of the ground & the conditions prevailing on site. It is important that the building foundations are capable of withstanding the full loads of the building, including all imposed loading and wind loading. This will generally involve the placement of concrete foundations, and competent professional advice should be sought that adequate provisions are made.
- These notes must be read in conjunction with the typical cross section image within this drawing, which indicates the position of the transit skids. It is imperative that the foundation piers are so designed that they do not foul the steel skids. The minimum depth from top of foundation pad to ground is to be no less than 100mm.
- Overall variation in finished levels to be less than +3mm.
- Tolerances on foundation positions to be +10mm from datum.
- Datum lines to be set out square. Tolerance on length of hypotenuse of 10m-sided right angle triangle to be 14.142m +/- 15mm.
- Foundations must take the form of pads at 3.0kN/m² and strips at 5.0kN/m² or above, unless otherwise stipulated on the load cell drawing.
- The point loads indicated on the load cell drawing allow for the dead weight of the modules, wind loads of 50m/sec and floor loads of 3.0kN/m² or 5.0kN/m² unless otherwise stated.
- Rainwater downspouts positions are indicated on the load cell drawing and suitable outlets should be installed to collect the rainwater at these locations.
- Position of service inlets i.e., electrical, water, etc., to be as indicated.
- Holding down bolts to be ØM16x140mm (minimum length) expanding anchor or similar in minimum grade 25N/mm² concrete. For single storey one bolt at every corner and one every four modules. For 2-storey one bolt at every corner and one every three modules. The hot dip galvanised holding down brackets are bolted to the skirt section and the expanding anchor bolt fixed into the concrete. Three storey buildings require to be bolted down at each column position on the perimeter of the building through the plate at the base of the column shown in drawing. See typical cross section image within this drawing.
- Finished floor level is nominally 196mm above the top of the foundation pads.

NOTE:

- All loads indicated are unfactored (combined dead & imposed loads)
- Rainwater pipes to be collected & taken to appropriate drainage
- Pad/skirt for air-con condenser units to be supplied by groundworker
- Steps & Ramps are shown indicatively as a requirement. Their foundations are dependant on ground levels & conditions

A	PAD TYPE
kN	LOAD IN kN



Project	Classroom Accommodation
Client	Blessed Carlo Acutis Catholic School
Design By	DL
Check By	PAA
Issue	1.50
Sheet	1 of 1
Drawing Title	8 No. Bays 9.6 x 3.1m 2.5m Ceiling Height (Loadcell Option 1)
Drawing Number	L220118-211
Rev	A