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1987



Executive Summary for 65 Walls Road

P 0800 222 898 E info@euroclass.co.nz A Level 3, 40 Onehunga Mall, Onehunga, Auckland 1061 PO 13129, Onehunga, Auckland 1643 euroclass.co.nz

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Presented by:
Euroclass Design and Build
October 2026

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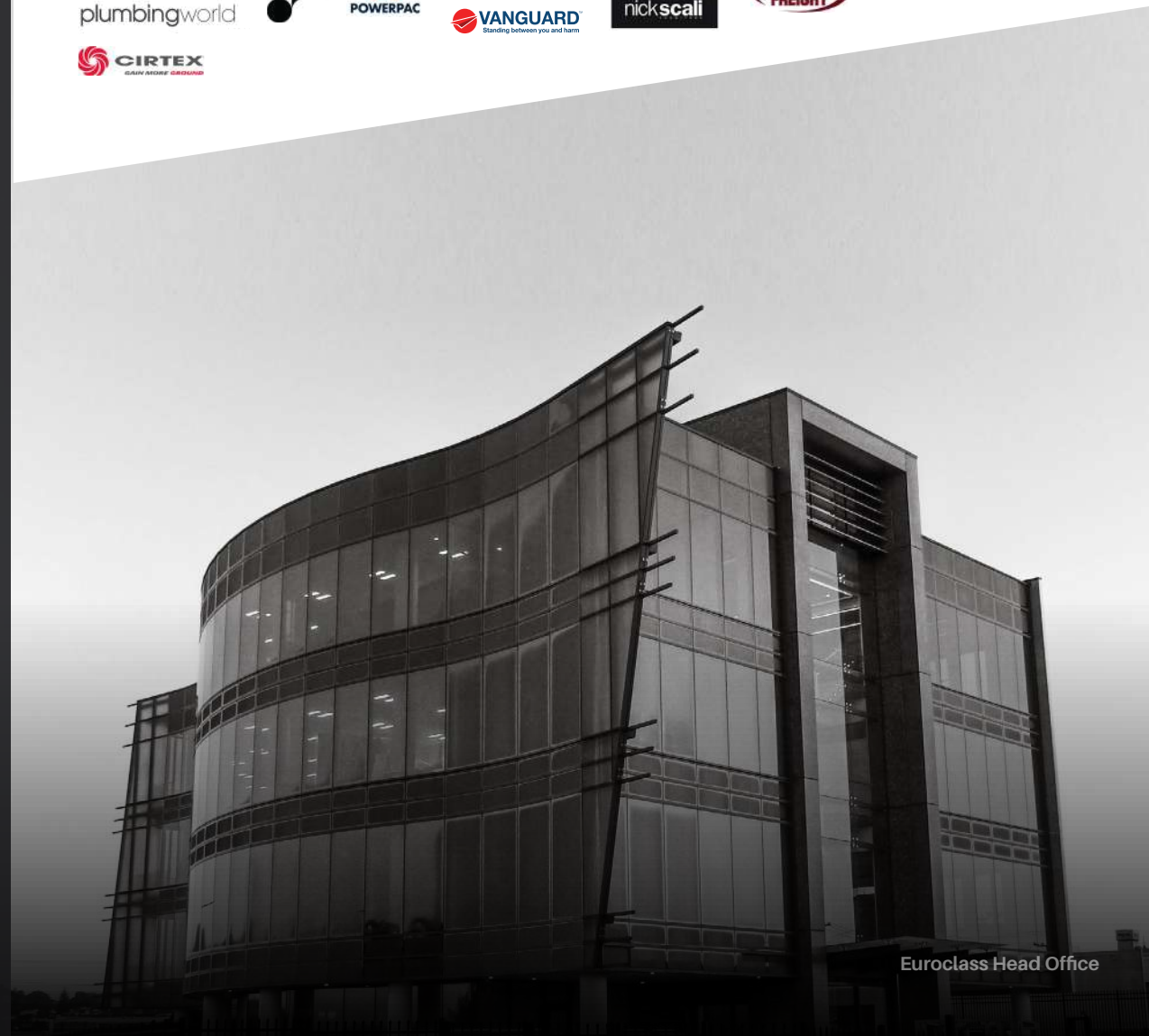
About Euroclass

Euroclass is a family-run business that has been operating in New Zealand for over 40 years. We have completed over 300 projects around the country, with our main focus being commercial and industrial construction.

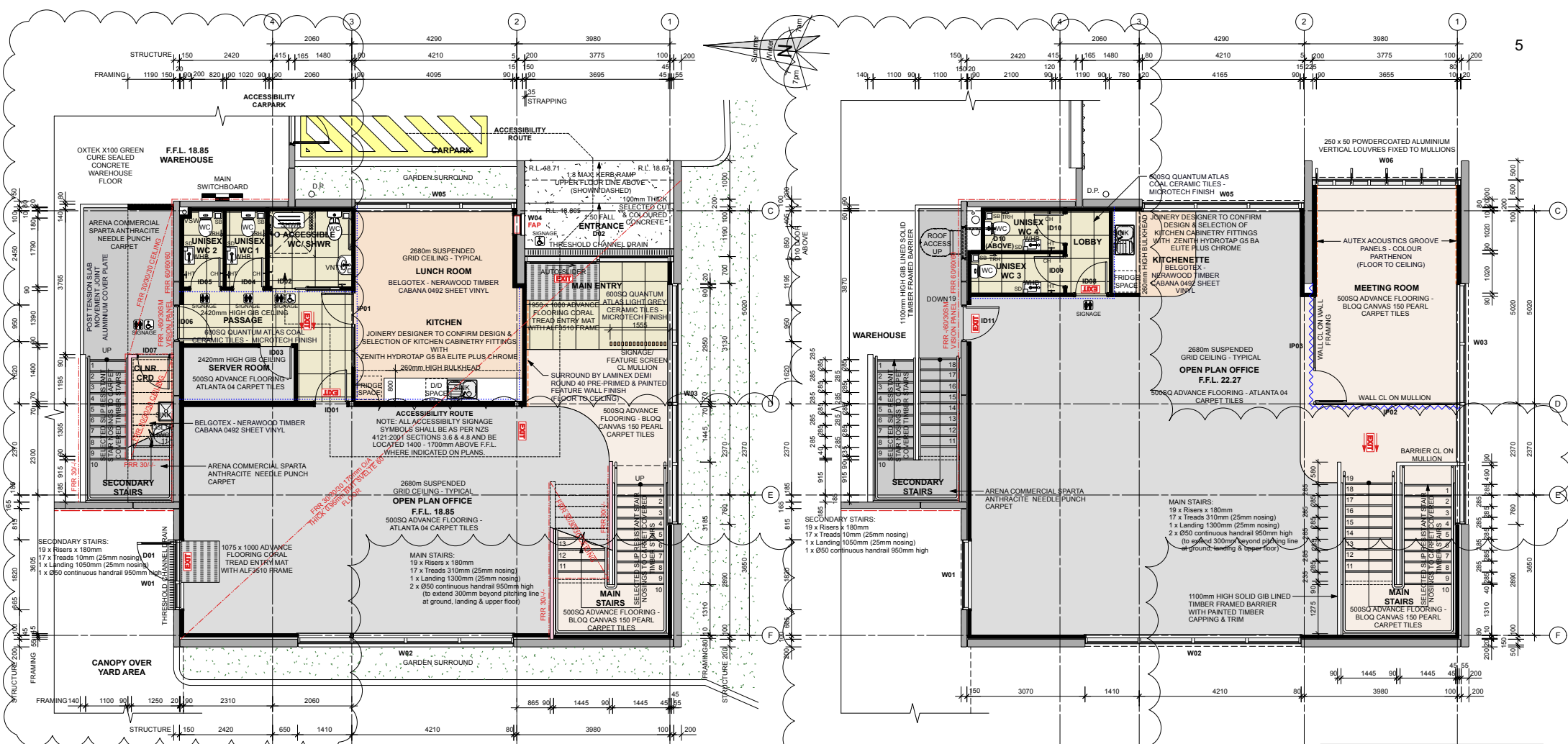
We offer a comprehensive service, from developing the concept to delivering the completed project. We manage the entire project with our civil and building arms, ensuring that the project is delivered on time, within budget, and to the highest standard. We focus on building long-term relationships with our clients and have completed projects for a wide range of tenants, investors, and owner-occupiers.

Our focus is on developing a deep understanding of our client's requirements to ensure that we deliver projects that meet their needs. We believe in a collaborative approach and work closely with our clients, consultants, and contractors to achieve the best possible outcome. Our aim is to deliver exceptional service, whether it's a design and build project or a turnkey development, that exceeds our client's expectations.

With Innovated buildings come innovative partners, some of our clients are listed below:³



Euroclass Head Office



GROUND FLOOR

UPPER FLOOR

WALL FRAMING:

- TO NZS 3604:2011 - TABLE 8.4

INTERIOR NON-LOAD-BEARING WALLS:

INDICATED ON PLAN:
3.0m MAX. 90 x 45 H1.2 SGB STUDS AT 600CRS, NOGS AT 1350CRS MAX
3.8m MAX. 90 x 45 H1.2 SGB STUDS AT 400CRS, NOGS AT 1350CRS MAX
3.8m MAX. 90 x 45 H1.2 SGB STUDS AT 300CRS, NOGS AT 1350CRS MAX OR
3.8m MAX. 140 x 45 H1.2 SGB STUDS AT 600CRS, NOGS AT 1350CRS MAX
3.8m MAX. 90 x 45 H1.2 SGB STUDS AT 300CRS, NOGS AT 1350CRS OR
3.8m MAX. 90 x 45 H1.2 SGB STUDS AT 300CRS, NOGS AT 1350CRS

CEILING/ SOFFIT JOISTS:

- TO NZS 3604:2011 - TABLE 10.3 - SGB
2.0m MAX. SPAN 90 x 45 H1.2 SGB JOISTS AT 600CRS MAX.
2.3m MAX. SPAN 90 x 45 H1.2 SGB JOISTS AT 600CRS MAX.
2.4m MAX. SPAN 90 x 45 H1.2 SGB JOISTS AT 480CRS MAX.
3.1m MAX. SPAN 140 x 45 H1.2 SGB JOISTS AT 900CRS MAX.
3.6m MAX. SPAN 140 x 45 H1.2 SGB JOISTS AT 600CRS MAX.
3.8m MAX. SPAN 140 x 45 H1.2 SGB JOISTS AT 480CRS MAX.
4.6m MAX. SPAN 190 x 45 H1.2 SGB JOISTS AT 600CRS MAX.

FITOUT/ BASE BUILD:

- PROVIDED FOR CONTRACTUAL PURPOSES ONLY

WALLS TYPES INDICATED, INCLUDING DOORS & GLAZING WITHIN THE IDENTIFIED WALLS, ARE NOT PART OF EUROCLASS CONTRACT - SUPPLY & FITOUT BY OTHERS

AMENITIES FITTINGS KEY & NOTES:

HT - HAND TOWEL RAIL STRIPPUR
TRH - TOILET ROLL HOLDER
SB - SANITARY BIN - WALL MOUNTED SANIPOD SHOWN
SD - SOAP DISPENSER
CH - COAT HOOK/ DOOR STOP

1/ ALL HYGIENE FITTINGS INDICATED & HEIGHTS SPECIFIED ARE FOR A GENERIC CONTRACTED HYGIENE PROVIDER OR AS SPECIFIED IN SPACEWORKS INTERIOR DESIGN DOCUMENTATION
2/ CONSULT WITH SUPPLIER FOR CONFIRMATION OF REQUIRED AND/OR APPROPRIATE MOUNTING POSITIONS & FOR NOGGING/ STUD SUPPORT WHERE REQUIRED.

SIGNAGE NOTES:

1/ SIGNAGE AS REQUIRED AND WHERE INDICATED SHALL BE MOUNTED BETWEEN 1400mm & 1700mm ABOVE FLOOR LEVEL
2/ ALL ACCESSIBILITY SIGNAGE SHALL HAVE CORRECT PROPORTIONAL LAYOUT, LETTERING AND COLOUR CONTRAST WITH BACKGROUND AS PER NZS4121:2001 SECTION 4.8
3/ ALL SIGNS, INFORMATION BOARDS AND ALL ELEMENTS OF ACCESSIBLE ROUTES ARE WELL ILLUMINATED
4/ FIRE EXIT SIGNS DESIGNED TO EMERGENCY LIGHTING DESIGN TO F8/A5.1

OFFICE FIRE RATING KEY & NOTES:

- 240 FRR BOUNDARY PROTECTION FIRE RATED WALLS INDICATED INCLUDE:
- 165mm & 180mm THICK PRECAST PANEL WALLS

- 60 FRR WALLS INDICATED TO UNDERSIDE OF ROOF OR FIRE RATED CEILING INCLUDE:
- 165mm MIN. PRECAST PANEL WALLS (GIB LININGS N/A)
DOORS - 60/30SM FRR

- 30 FRR WALLS INDICATED TO UNDERSIDE OF FIRE RATED CEILING REQUIRED FOR STRUCTURAL SUPPORT INCLUDE:
- FRAMING (TYPICAL)
- 150mm MIN. PRECAST PANEL WALLS (LININGS N/A)

- FIRE RATED HORIZONTAL AREA AS INDICATED & AS NOTED ON REFLECTED CEILING & FLOOR PLANS INCLUDE:
- GBTL 30 2S - 13mm GIB FYRELINE TO 70 x 35mm MIN. TIMBER FRAMING/ STRAPPING
- SVELITE 60 CONCRETE FLOOR/ CEILING SYSTEM

FAP - FIRE ALARM PANEL
EXIT - PRIMARY EXIT SIGNAGE. DESIGN BY OTHERS TO F8/A5.1

1/ INTUMESCENT PAINT SYSTEM TO ALL STEEL WORK WHERE INDICATED/ SPECIFIED BY ENGINEER TO ACHIEVE REQUIRED FRR
2/ THICKNESS OF WALL LININGS TO BE CONTINUOUS THROUGH TO NEXT WALL INTERSECTION TO ACCOMMODATE THE MINIMUM FIRE RATING REQUIRED.
3/ REFER TO OVERALL FLOOR PLAN FOR FIRE PROTECTION INFORMATION
- PLANS & SECTIONS WHERE INDICATED REQUIRE GIB SMOKE OR FIRE RATED SYSTEM LININGS

SURFACE FINISHES SLIP & FIRE HAZARD SPECIFICATIONS:

WALL FINISHES FIRE MATERIAL GROUP NUMBERS (MGN):		MGN		
TYPICAL	CEILING	CEILING TILES	AMF THERMACTEK THERMOFON	1-5
	CEILING	CEILING PAINT D305		1-5
	WALLS	TRM	ZYLONE SHEEN D302	1-5
	DOORS	TIMBER	LUSTACRYL D310	NA
AMENITY	CEILING	PLASTERBOARD	SPACECOOTE LOW SHEEN D314K	1-5
	WALLS	PLASTERBOARD	SPACECOOTE LOW SHEEN D314K	1-5
	WALLS	TIMBER	LUSTACRYL D310	NA
FEATURE	WALLS	PANELS	AUTEX ACOUSTICS GROOVE	2-5
	WALLS	PANELS	SURROUND BY LAMINEX DEMI	1-5

FLOORING CRITICAL RADIANT FLUX RATINGS (RAD. FLUX - kWh/m²):

OFFICE	OFFICE	CARPET TILES	ADVANCE FLOORING ATLANTA	8.6
OFFICE <td>LUNCH ROOM<td>VINYL SHEET<td>ADVANCE FLOORING BLOQ CANVAS<td>8.2</td></td></td></td>	LUNCH ROOM <td>VINYL SHEET<td>ADVANCE FLOORING BLOQ CANVAS<td>8.2</td></td></td>	VINYL SHEET <td>ADVANCE FLOORING BLOQ CANVAS<td>8.2</td></td>	ADVANCE FLOORING BLOQ CANVAS <td>8.2</td>	8.2
SEC. STAIRS <td>DOORS<td>CARPET<td>BELGOTEX NERAWOOD CABANA<td>8.1</td></td></td></td>	DOORS <td>CARPET<td>BELGOTEX NERAWOOD CABANA<td>8.1</td></td></td>	CARPET <td>BELGOTEX NERAWOOD CABANA<td>8.1</td></td>	BELGOTEX NERAWOOD CABANA <td>8.1</td>	8.1
			ARENA SPARTA ANTHRACITE <td>8.7</td>	8.7

FLOORING SLIP RESISTANCE (WET PENDULUM TEST):

OFFICE	TYPICAL	FLOOR TILES	QUANTUM ATLAS (MICROTECH)	P6
REFER TO SPECIFICATION FOR PRODUCT RATING INFORMATION/ TEST DATA.				

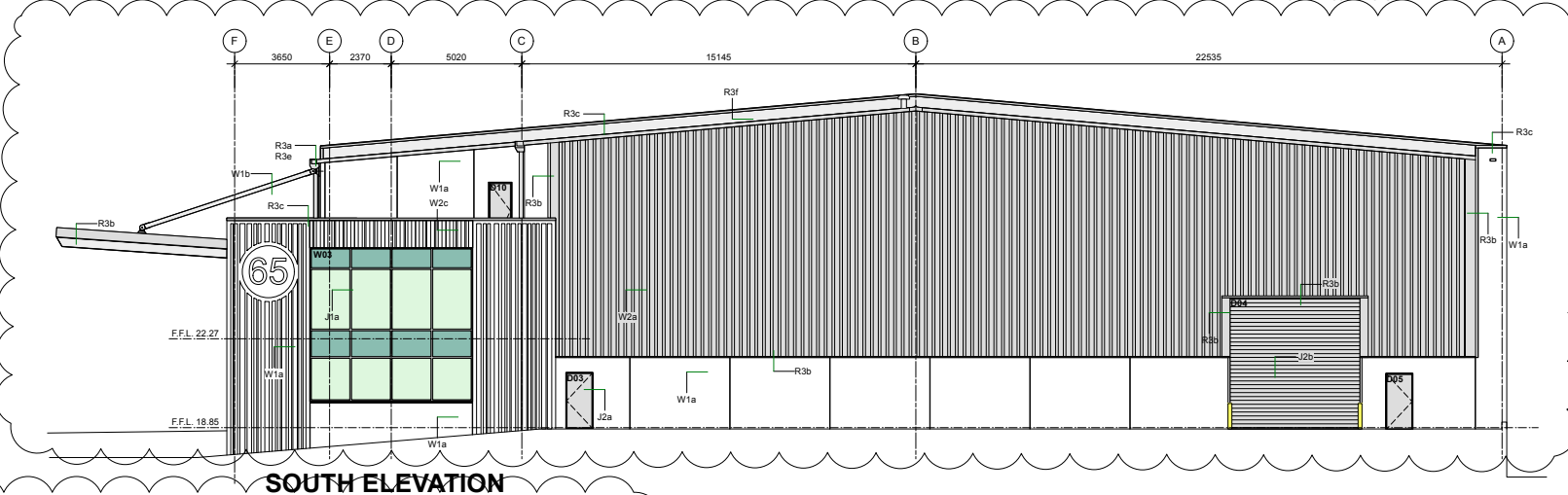
OFFICE LINING NOTES:

1/ FLOORING CONTRASTOR TO MAKE GOOD ALL JOINERY REBATES AND SUBSTRATE PREPARATION.
2/ WALL LININGS TO BE 10mm STANDARD GIB EXCEPT WHERE SPECIFIED FOR FYRELINE GIB WALL LININGS FOR FIRE RATED WALLS & 10mm AQUALINE FOR TILED KITCHEN SPLASHBACKS. 10mm AQUALINE GIB WALL LININGS TO ACCESSIBLE WC/SHOWER WALLSWITH FULL HEIGHT 300 x 600 CERAMIC WHITE WALL TILES MEMBRANE SYSTEM TO FULL LENGTH OF ACCESSIBLE SHOWER WALLS & TO FULL LENGTH OF WALLS BEHIND WCs.
3/ TYPICAL - PAINTED (ENAMEL) 60 x 10 DRESSED FJ PINE BEVEL EGED SKIRTINGS & ARCHITRAVES TYPICAL TO ALL WALL FRAMING.
WCS & ACCESSIBLE WC/ SHOWER - PAINTED (ENAMEL) 60 x 18 DRESSED FJ PINE BEVEL EGED ARCHITRAVES WITH 100mm HIGH TILED SKIRTING USING RESPECTIVE FLOORING TILE
4/ 2.4m HIGH 10mm STANDARD GIB CEILING TO AMENITIES & ADJOINING PASSAGE. SERVER ROOM WITH 10mm AQUALINE TO ACCESSIBLE WC/SHOWER. FULL LENGTH RAKING FIRE RATED CEILING TO CLEANERS CUPBOARD.
5/ ALL LIGHT SWITCHES SHALL ALIGN HORIZONTALLY WITH DOOR HANDLES.

ACOUSTIC WALL KEY:

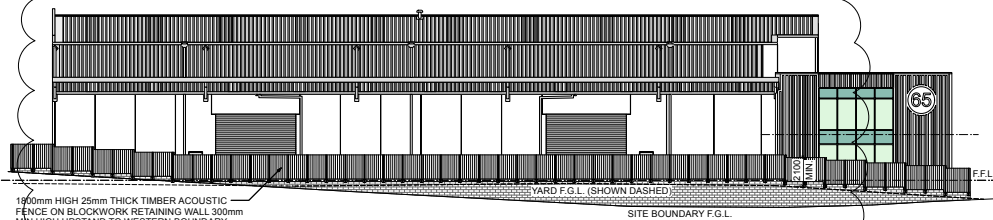
----- 80 x 45 MIN. FULL HEIGHT WALL FRAMING TYPICAL WITH 10mm MIN. STANDARD GIB LININGS EACH SIDE INSULATED WITH 90mm ACOUSTIC INSULATION.
----- 600mm WIDE BALE CARPET OVER ALUMINUM PARTITION WALLS OR WITH 90 x 45 MIN. TIMBER FRAMED WALLS WITH 10mm MIN. STANDARD GIB LININGS EACH SIDE INSULATED WITH 90mm ACOUSTIC INSULATION TO CEILING HEIGHT.

NOTE: IN ADDITION TO WALLS INDICATED ACOUSTIC INSULATE ALL ADJOINING WC & ACCESSIBLE WC & SHOWERS WALLS AND CEILINGS



RISK MATRIX CALCULATION (TABLE 2 of NZBC E(A51))			Score
Wind Zone	High		0
Northward Intercorrelation	Low		0
Roadside Interception Design	Very High		5
Escape Width	Very High		5
Entrapment Complexity	Very High		3
Deck Design	Low		0
Total Risk Score			13

RISK MATRIX COVERS WORST CASE ALL ELEVATIONS
 Selected Wall Cladding: Precast panel solid construction
 vertical long run aluminium cladding on cavity system



WEST ELEVATION BOUNDARY FENCE

SCALE 1:200

D 19/02/2026 REVISED FOR BUILDING CONSENT
C 27/01/2026 REVISED FOR BUILDING CONSENT
B 18/11/2025 REVISED FOR BUILDING CONSENT
A 11/09/2025 ISSUED FOR BUILDING CONSENT

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PROJECT NAME	
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PROPOSED NEW DEVELOPMENT
65 WALLS ROAD
PENROSE
AUCKLAND

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DRAWING NAME

WEST & SOUTH ELEVATIONS

SCALE - 1:100 @ A1

	DRAWN -
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DATE - 05/04/2026

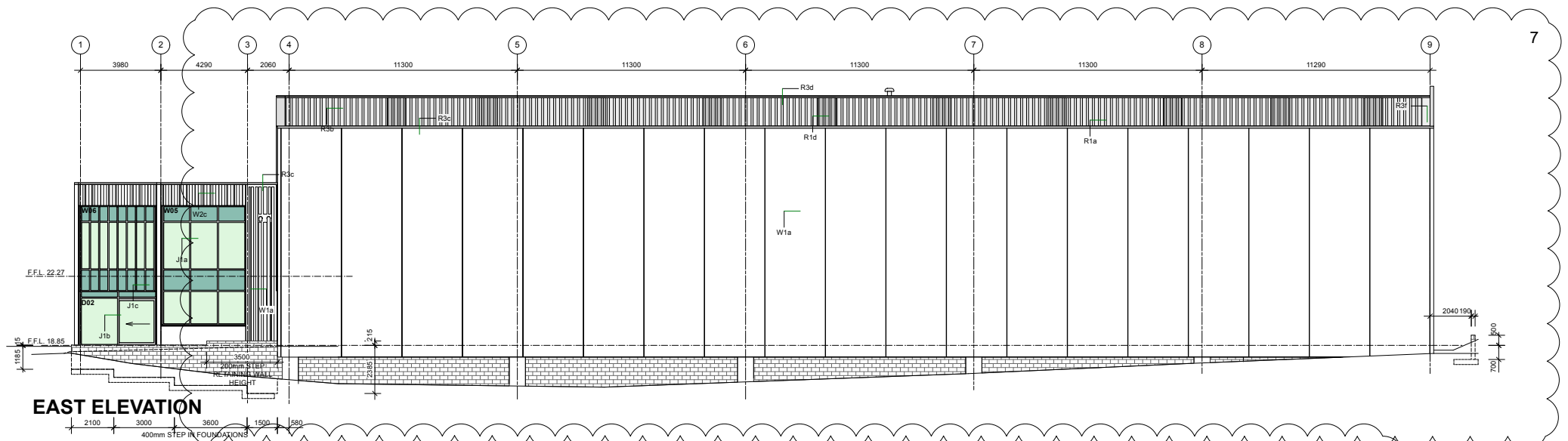
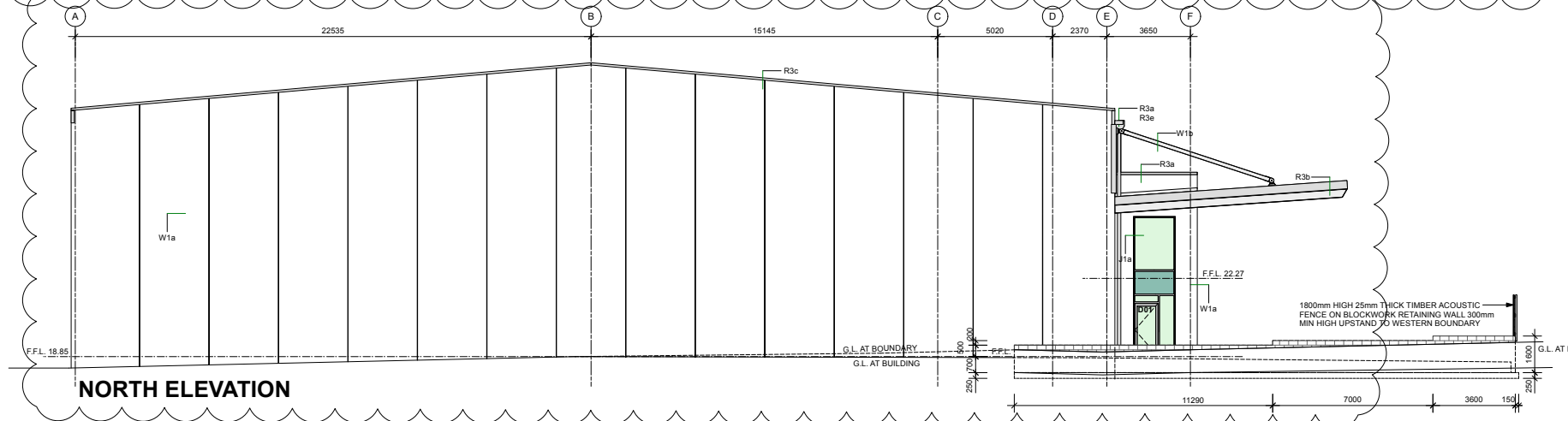
JOB REF. 24 003

DRAWING NO.

A09

REV.

D



FINISHES LEGEND	
Keynote Text	
J1a	R0.35 Selected powderedcoat commercial 132mm aluminium flush glaze joinery to offices. All glazing to be Low E3 double glazed Argon Gas 'Light Green' body tint glass and compliant with NZS 4223, Parts 3 and 4.
J1b	R0.35 Selected powderedcoat commercial 132mm aluminium flush glaze joinery to Main Entry door with sliding auto opening double door. All glazing to be Low E3 double glazed Argon Gas 'Light Green' body tint and compliant with NZS4223, Parts 3 and 4.
J1c	Selected 250 x 50 RHPS powderedcoat aluminium vertical decorative fins bracket fixed to joinery mullions.
J2a	Selected exterior finished Parkwood Commercial Gannson FL or similar aluminium panel bonded door in Box Frame 75mm with finish aluminium frame.
J2b	Electrically operated heavy duty roller shutter door with Envisafe frame system with high mount roller and roller cover or other approved roller cover.
R1a	0.55mm BMT Kiwi Roofing Zincalume 1900mm zincalume roofing laid over Thermaflex 'Thermaflex 39' white cap and vapour control laminate underlay over Kwikseal, fixed to manufacturers specifications.
R1b	0.55mm BMT Kiwi Roofing Smarttek 710 natural zincalume roofing with DHP150P anticondensation membrane to underside to expose breezeway, fixed to manufacturers specifications. No underlay under sheets.
R1c	Alpex SL 3 Steel 37 R20400 translucent sheeting to warehouse over Kwikseal and Aquaplex Webstop 650B60mm to match selected roofing profile, installed to manufacturers specifications at equal spacings as indicated on roof plan.
R2a	0.55mm BMT Zincalume eaves flashing into 0.55mm BMT 300 x 165 x 120mm Dimond Box 300 Colorsteel fascia gutter fixed on matching coloured hot dipped galvanneal brackets.
R3a	0.55mm BMT folded Colorsteel flashings
R3b	0.55mm BMT folded Colorsteel parapet cap flashings with 5° slope to inside.
R3c	0.55mm BMT folded Zincalume ridge flashing with 0.55mm BMT folded Colorsteel visible ends to ridge flashings.
R3d	0.55mm BMT folded Zincalume rain water head with overflow and 1500 PVC downpipes securely fixed with purpose made brackets at 2000cra max.
R4a	0.55mm BMT folded Zincalume flashings
W1a	400kPa 150mm x 105mm thick reinforced precast concrete panels typically to warehouse with 190mm thick panels to grid line 3 walls with unpainted 'natural' concrete finish typical and exterior paint finish Grids E & 4.
W1b	400kPa exterior paint finished 200mm thick full height panels with 15mm decorative rebates where specified to office (150mm thick precast panels to grid line 4).
W1c	All canopy structure and braces to be unfinished 'natural' hot-dipped galvanneal. All canopy pillars & girts to be Z450 galvanneal.
W2a	0.4mm BMT Steel and Zinc 15963 Colorsteel rain cladding over MSS girts.
W2b	0.4mm BMT Steel and Zinc 15963 Colorsteel E-Series Vertical cladding to all walls (pattern dependent) over masonry barrier base to Hx 1.45 x 2.0 castellated horizontal battens at 600cra over Thermaflex Watermate Plus building underlay

RISK MATRIX CALCULATION		
TABLE 2 of NZBC E2/AS1		Score
Wind Zone	High	9
Number of Storeys	4 or more	5
Roof/Wall Intersection Design	Very High	5
Eave's Width	Very High	5
Envelope Complexity	Very High	5
Deck Design	Low	0
Total Risk Score		13

RISK MATRIX COVERS WORST CASE ALL ELEVATIONS

Selected Wall Cladding: Precast panel solid construction

vertical long run aluminum cladding on cavity system

C 19/02/2026 REVISED FOR BUILDING CONSENT
B 18/11/2025 REVISED FOR BUILDING CONSENT
A 11/09/2025 ISSUED FOR BUILDING CONSENT

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PROJECT NAME

PROPOSED NEW DEVELOPMENT
65 WALLS ROAD
PENROSE
AUCKLAND

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	DRAWING NAME
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EAST & NORTH ELEVATIONS

SCALE - 1:100 @ A1

	DRAWN - S
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DATE - 05/04/2026

JOB REF.	24 003
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DRAWING NO.

A10

REV.

C

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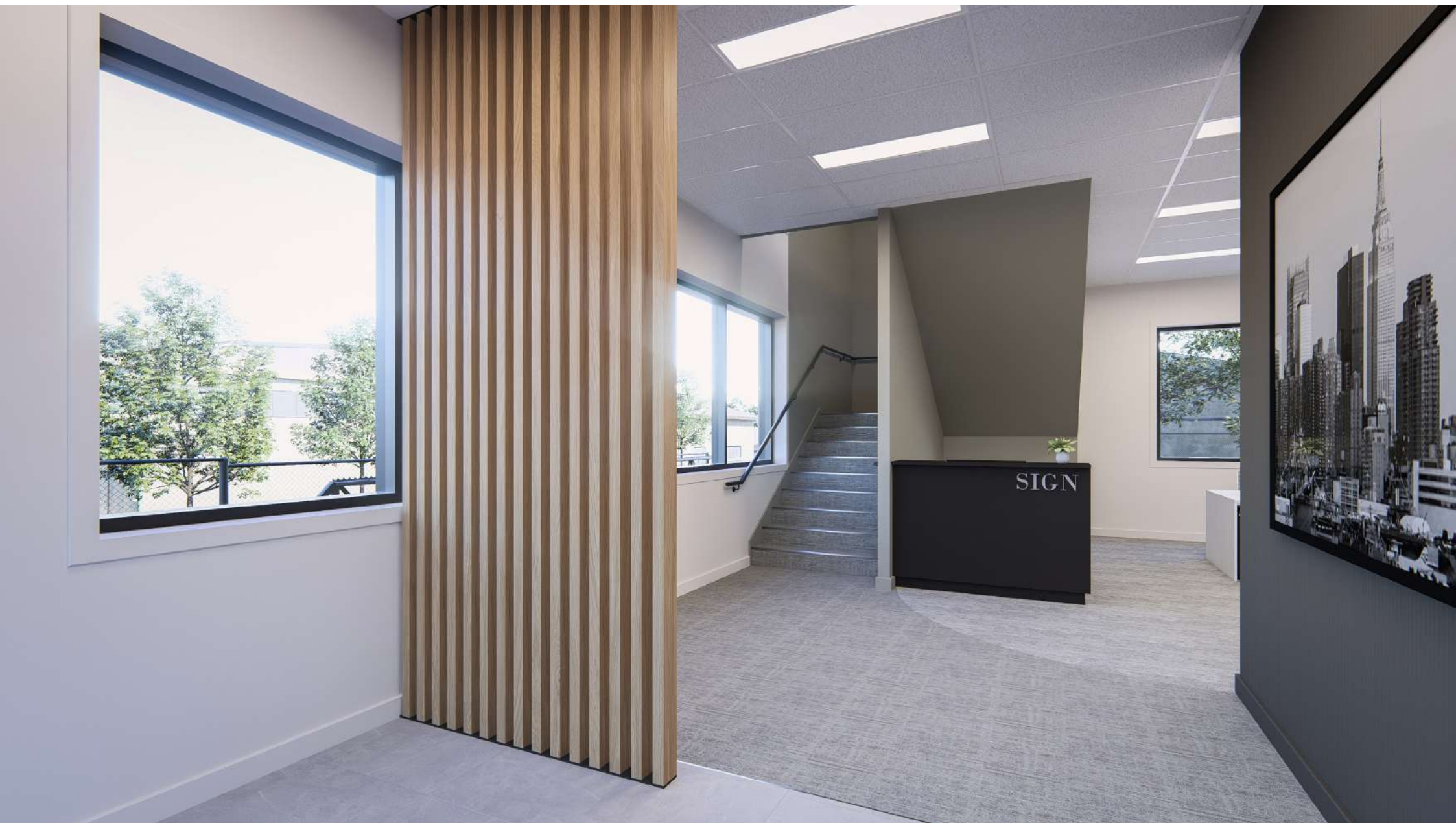
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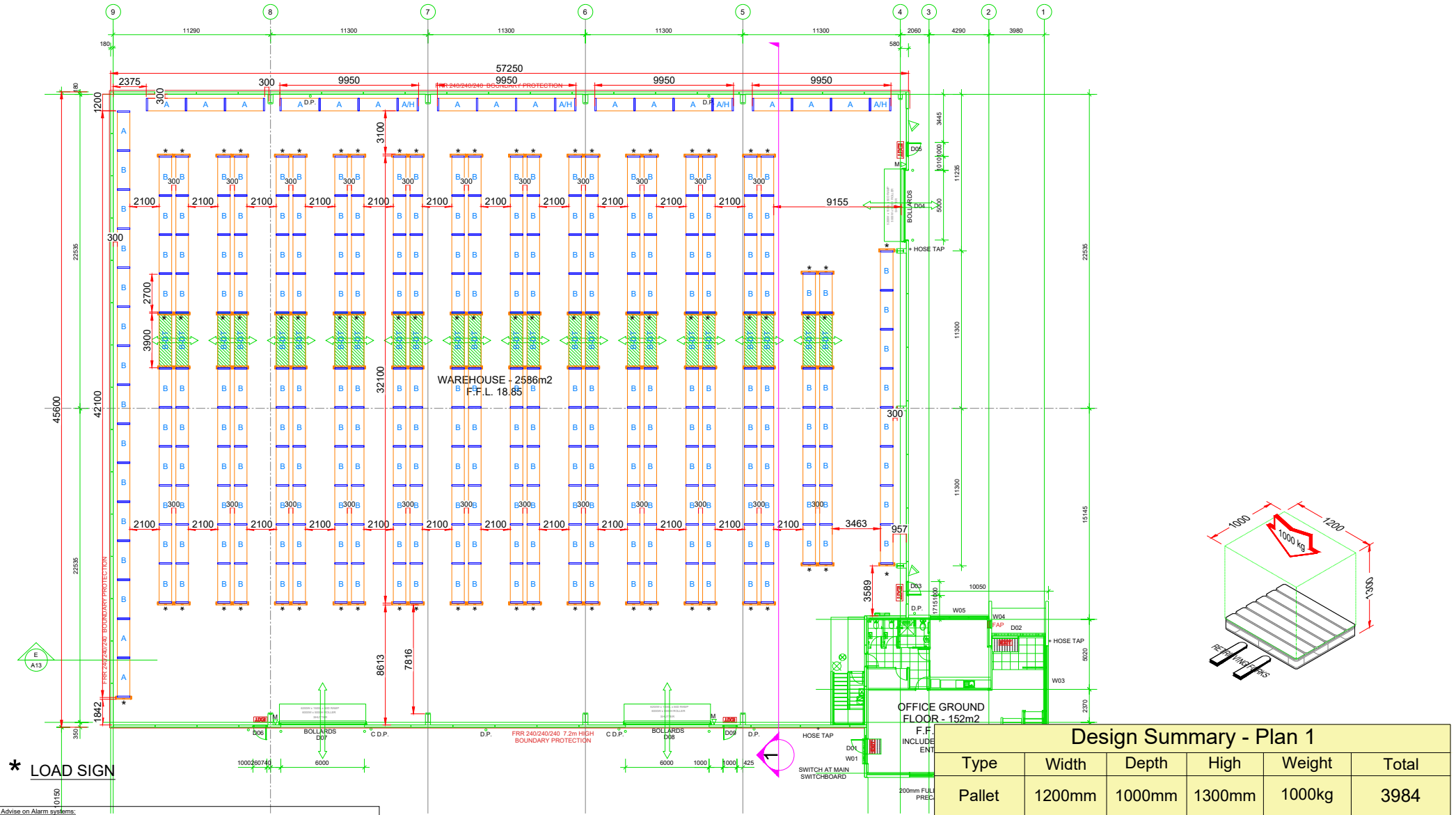












* LOAD SIGN

ACON Advise on Alarm systems:
For alarms relating to storage there is no required clearance.

However, you need to keep in mind the when storing to the roof, storage may effectively create a wall.

NZS 4512:2010 states that anything over 460mm is considered a wall. (storage pallets with product stored to roof could be considered as a wall)

Any clearance is recommended to stop the above from happening.

To be checked and confirmed by alarm contractor issuing P53.

ISSUED FOR APPROVAL

WE HAVE ASSUMED THE EXISTING SURFACE ONTO WHICH THIS INSTALLATION IS TO BE BUILT IS CAPABLE OF SUPPORTING THE STRUCTURAL AND ITS CONTENTS. WE RECOMMEND YOU OBTAIN INDEPENDENT VERIFICATION THAT THE EXISTING BUILDING IS CAPABLE OF SUSTAINING THE LOADS.

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PLAN 1

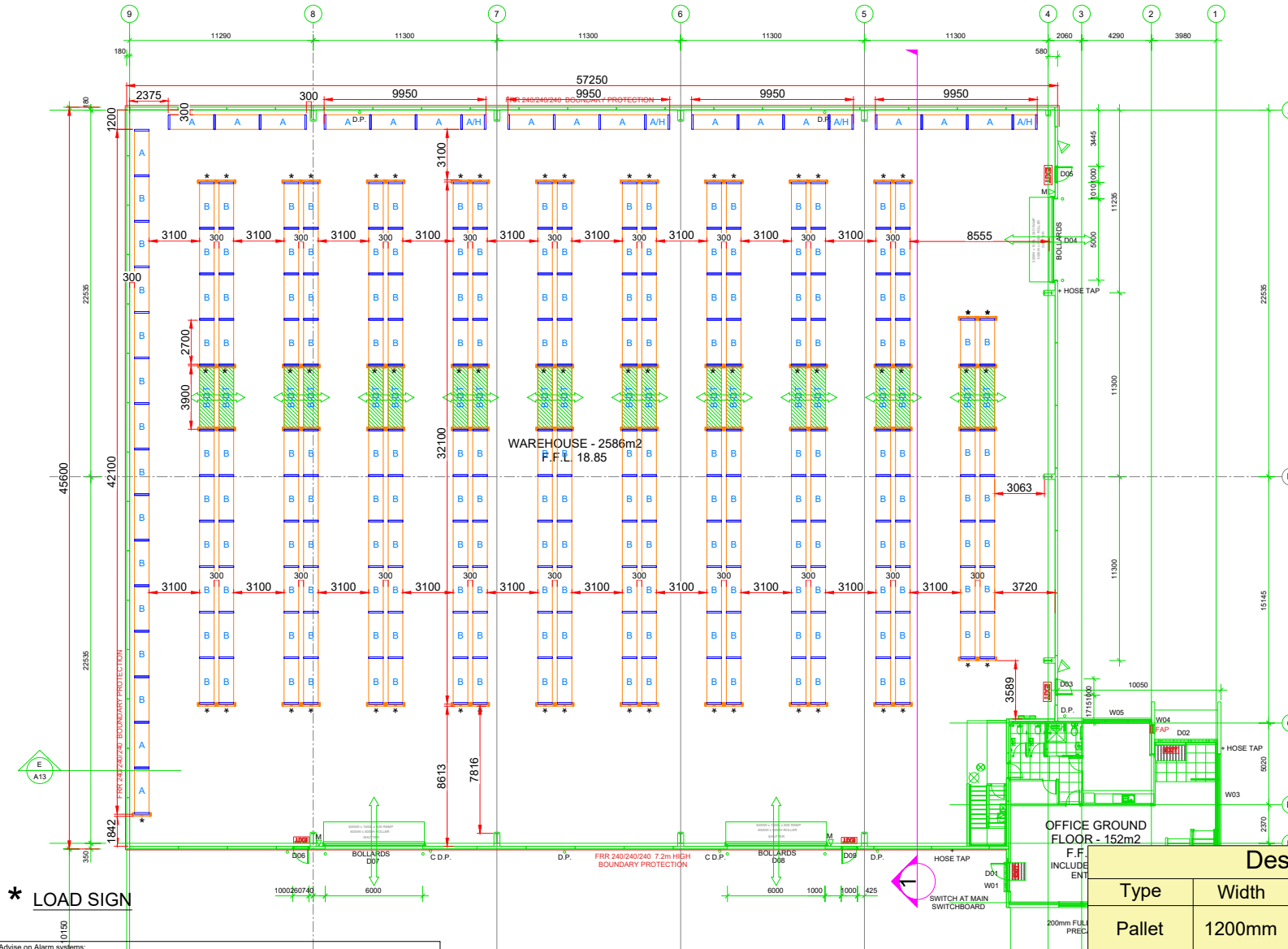
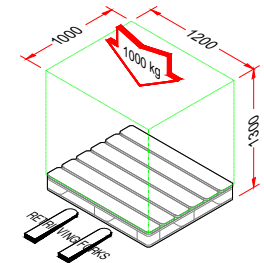
- For Aislemaster Style Articulated Forklift

PROPOSED RACKING LAYOUT
EUROCLASS NZ

65 Walls Road, Penrose

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Rev	Description	By	Date
Drawn By : KB	Date : 9/04/2026	Paper Size : A3	
Checked By : JB		Scale : NTS	
Rev. No. : 0		Rev. No. : 0	
Drawing No. : AR005957-01		Sht. No. : 1	



Design Summary - Plan 2

Type	Width	Depth	High	Weight	Total
Pallet	1200mm	1000mm	1300mm	1000kg	3276

PLAN 2

- For Reach Truck Style Forklift



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PROPOSED RACKING LAYOUT EUROCLASS NZ

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Checked By :	JB	Paper Size :	A3
		Scale :	NTS
		Rev. No. :	0
Drawing No. :	AR005957-01	Sht. No. :	2

ACON Advise on Alarm systems:
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However, you need to keep in mind the when storing to the roof, storage may effectively create a wall.

NZS 4512:2010 states that anything over 460mm is considered a wall. (storage pallets with product stored to roof could be considered as a wall)

Any clearance is recommended to stop the above from happening.

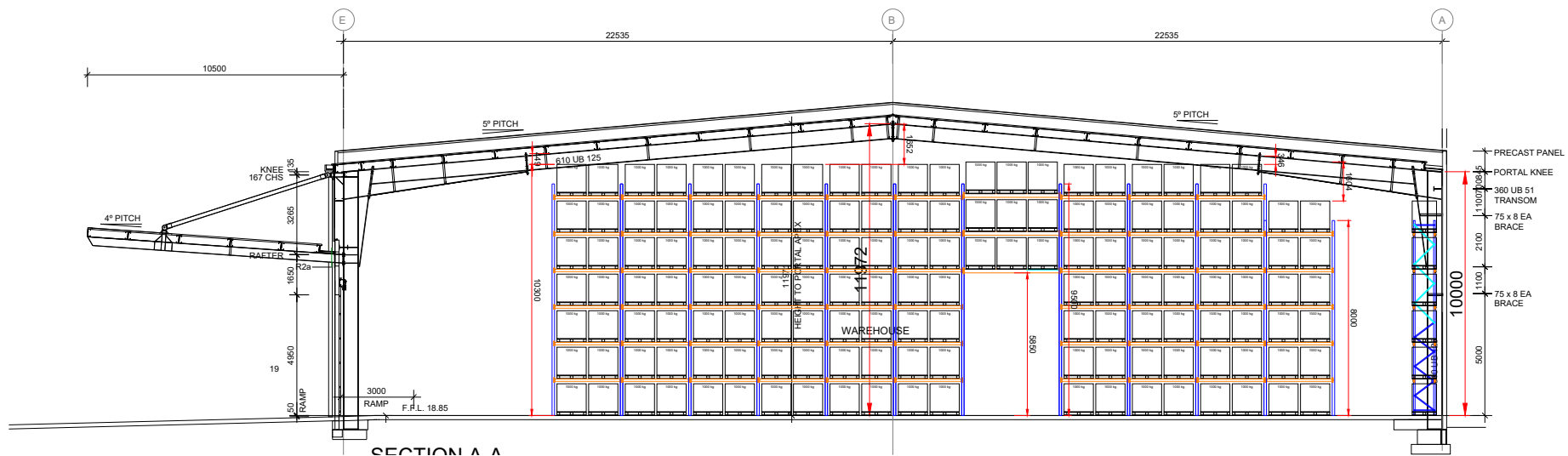
To be checked and confirmed by alarm contractor issuing PS3.

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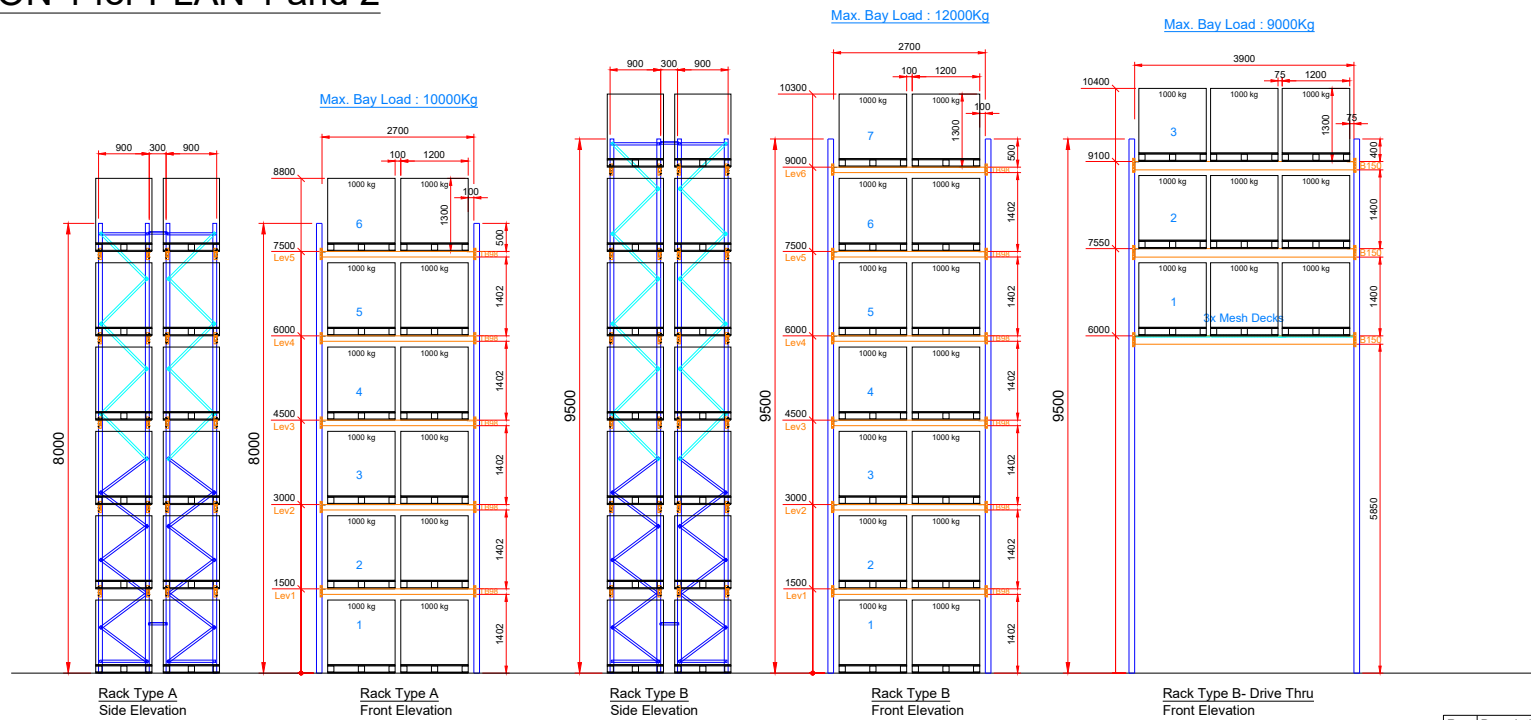
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SECTION 1 for PLAN 1 and 2



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PROPOSED RACKING LAYOUT EUROCLASS NZ

65 Walls Road, Penrose



Rev	Description	By	Date
1	Drawn By : KB	KB	9/04/2026
2	Checked By : JB	JB	9/04/2026
3	Rev. No. : 0		
4	Drawn No. : AR005957-01		
5	Sht. No. : 3		

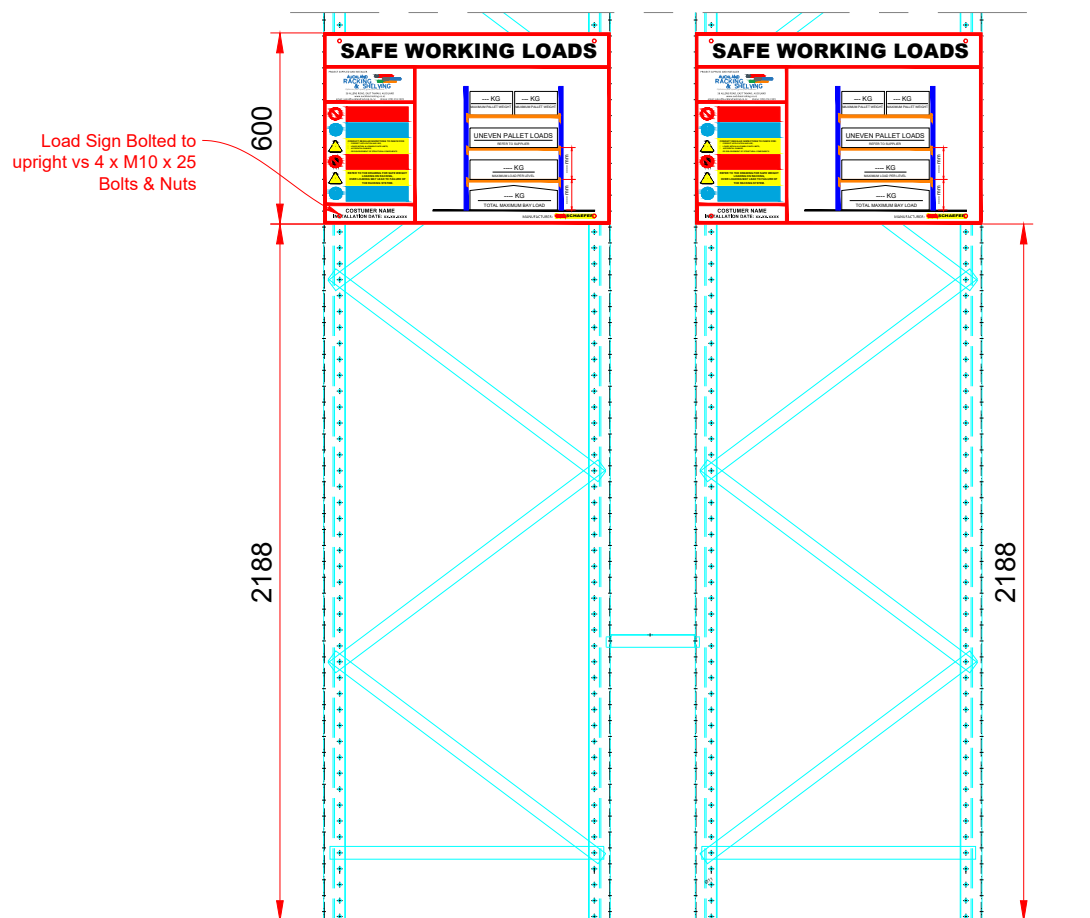
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Sht. No. : 3



Signage Install

Load Sign, Alphabet Sign

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SIGNAGE INSTALLATION

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Checked By :	9/04/2026	Scale :	NTS
Rev. No. :	0	Rev. No. :	0
Drawing No. : ARSS IN HOUSE		Sht. No. :	1

OUTLINE SPECIFICATION

Project: 65 Walls Road, Penrose, Auckland 0510
Date: 26/05/2026

The following “outline specification” is a precise description of the construction elements, plumbing services, internal fitting out, sundry costs and contingencies provided and included for in the Design & Build proposal. Any specified product may be substituted with a comparable product with the same or better performance characteristics at the discretion of the main contractor.

The outline specification, the bulk & location plan attached hereto constitute the essential documentation to a bona fide tender. Each of the above documents should be read in conjunction with each other.

Contents:

Section 1	Preliminary & General
Section 2	Site Preparation
Section 3	Office – Basic Structure and Elements
Section 4	Warehouse – Basic Structure and Elements
Section 5	Internal Fitout and Finishes to the Offices
Section 6	Services
Section 7	External Works
Section 8	Exclusions + Clarifications
Section 9	Programme

PRELIMINARY & GENERAL

1.1 Professional Fees (Design Consultants)

Allowance is included for professional fees associated with a structural engineering design and architectural design of the project by a registered engineer and architectural consultant. This also includes the fees of consultants required to provide reports to get the design complete.

1.2 Fire Design Summary (Fire Report)

Allowance is included for professional fees associated with the preparation of a fire design summary. The fire design will be prepared to allow for the greatest storage height allowed based on the building height and will generally be designed in accordance with the Verification Method C/VM2. Note as outlined in 8.1, sprinklers are excluded. There is no allowance for addressing inadequate firefighting water supply.

1.3 Geotechnical Report (Soil Report)

Allowance is included for the preparation of a geotechnical soil report by a registered engineer experienced in geotechnical engineering.

1.4 Cranes, Plant, Small Tools and Scaffolding

Allowance is included for the provision of all craneage, plant and equipment, all installed and operated in accordance with pertinent standards, codes and regulations and in accordance with local authority requirements.

1.5 Builders Site Services

Allowance is included for all necessary on-site sheds, fencing/hoardings, builders' sign, toilets, data, power, water supply and safety requirements.

1.6 Insurance

Allowance is included for contract works insurance, Professional Indemnity insurance, Public Liability insurance, accident compensation, tool and plant insurance.

1.7 Consent Fees

Allowance is included for building consent fees. No allowance for resource consent costs, development levies, infrastructure upgrades or compliance costs for special conditions are included in our offer.

1.8 Waste Disposal

Allowance is included for periodic cleaning up of the works of waste materials, and removal from site.

1.9 Final Clean Up

Allowance is included for final cleaning of the works and removal of waste and for final interior and exterior clean, including windows.

SITE PREPARATION

2.1 Demolition

No allowance is included for demolition of any kind.

2.2 Excavation

Allowance is included for excavation to levels to be specified in the detailed design and for all excess material to be removed from site and or relocated and compacted elsewhere on the site all in accordance with such pertinent standards, codes and regulations as may apply and to the satisfaction of the local authority.

2.3 Rock Excavation

No allowance has been made for the excavation and removal of any solid rock. Solid rock is defined as rock which requires blasting or drilling and/or rock breaking and cannot be removed by a 12-tonne excavator machine.

2.4 Unsuitable Ground

No allowance is included for the excavation and removal of unsuitable founding materials as determined and instructed by the Geotechnical Engineer.

2.5 Relocation of Existing Services

No allowance has been made to relocate any existing services, sewer, stormwater lines or manholes, as may be required by local authority.

OFFICE – BASIC STRUCTURE AND ELEMENTS

3.1 Foundations

Allowance is included to construct 25 MPa in situ reinforced concrete strip footings, column pads, tie beams etc. all as designed and specified by the Registered Structural Engineer.

3.2 Floors

3.2.1 Ground Floor

100mm thick 25 MPa in situ reinforced concrete floor laid over polythene damp proof membrane over compacted hardfill. Polystyrene insulation placed under the concrete to achieve the thermal requirements. Concrete floor shall be power float finished to a smooth, dense, even surface. Construction joints and saw cuts as designed and specified by designer.

3.2.2 First Floor

30 MPa concrete floor on proprietary composite steel decking (Hibond or similar) as designed by registered engineer.
Floor loading 3.0 kPa to the office slab.

3.3 Structure

Structural steel frames with rafters at a 4-degree pitch. Stud height 2.68m minimum from concrete floor to underside of ceiling. All structural frames shall be complete with all necessary transverse members, bracing etc and all as designed and specified by the structural engineer.

3.4 External Finishes

3.4.1 Precast Panels

40 MPa Concrete steel reinforced Precast Panels. Produced off-site in approved facilities under structural engineer's supervision.

3.4.2 Aluminium cladding

To be powder coated extrusion systems such as Nuwall or Flashclad. Mounted on a cavity system with approved installation methods and with appropriate flashings.

3.4.3 Painted Precast Panels.

Will be washed, then have one coat of concrete sealer and then two coat of Resene Lumbersider or equivalent.

3.4.4 Windows & Glazing

All windows to be commercial quality powder coated aluminium frames double glazed with selected tinted glass.

3.5 Roof**3.5.1 Conventional Profiled Roofing.**

0.55mm thick zincalume steel roofing either Dimond DP955 or Steel and Tube ST963 profile over minimum R5.0 fibreglass insulation over breather type roof underlay (Covertek 405 or similar) over galvanised wire netting over galvanised steel and/or timber purlins. Roofing sheets are thermally separated from the purlins by 20mm Thermax B (or similar) strips.

3.6 Gutters, Flashings & Downpipes

All external gutters are allowed to be Colourcote Zinacore or Colorsteel fascia gutters with PVC downpipes as designed. All internal gutters shall be 1.5mm Ardex butynol or similar lined plywood internal gutters complete with downpipes and overflow. Downpipes and/or rain heads used in main entrance area.

WAREHOUSE – BASIC STRUCTURE AND ELEMENTS

4.1 Foundations

Allowance is included to construct boxed in situ reinforced concrete strip footings, column pads, tie beams etc, all as designed and specified by the designer and their consultant registered structural engineer.

4.2 Floor

The floor shall be power float finished to a dense, smooth, even surface. The floor shall be coated with Ashfords or similar (surface hardener/dust sealer) on completion.

4.2.1 Post Tensioned Slab

165mm thick in post tensioned floor, 40 MPa concrete floor laid over polythene damp proof membrane over 150mm min compacted hardfill. Floor loading 20 kPa uniform floor load. Concrete finish to FM2 standard. The design of the slab will be carried out and supervised by specialist slab engineers and joints will be at locations specified by the consultant registered structural engineer. The perimeter of the slab will be protected by movement joints (Canzac, Danley or similar), steel cover plates and with aluminium angles to ensure the shrinkage of the slab is managed.

4.3 Structure

4.3.1 Structural steel portal frames at 5 degrees pitch. Stud height to be 10m to top of portal knee and approximately 11.9m in the centre. Clear span as per cross section.

4.3.2 All structural frames shall be complete with all necessary transverse steel members, bracing etc, all as designed and specified by the consultant registered structural engineer.

4.3.3 Precast Concrete Panels shall be designed by the Consultant Registered Structural Engineer. Walls on boundaries shall be full height as required by the NZ Building Code. The front gable wall not required to be fire rated shall be low height panels 2.7m high above floor level and the canopy side precast is 7.2m high above floor level, unless otherwise noted. Precast panels shall be jointed with flexible sealants.

4.3.4 Solar Panels. Roof structure will be designed to be able to withstand the weight of solar panels between gridlines A - E / 6 - 9.

4.4 External Finishes

4.4.1 Precast Panels

Walls are natural finished unless noted otherwise.

4.4.2 Painted Precast Panels.

Will be washed, then have one coat of concrete sealer and then two coat of Resene Lumbersider or equivalent.

4.4.3 Structural Steel

- All external steel will be blasted and have a hot dip galvanised finish.
- All purlins and girts shall be galvanised cold rolled steel type.

4.4.4 Metal Cladding

0.4mm selected Colourcote Zinacore or Colorsteel Endura metal profiled cladding fixed vertically on galvanised steel girts – standard colour range.

4.5 Roof

4.5.1 0.55mm zincalume roofing either Dimond DP955 or Steel and Tube ST963 profile laid over 314 thermobar whitecap paper, over 150mm x 300mm galvanised wire mesh netting over galvanised steel purlins.

4.5.2 Included is 1 strip of translucent sheeting per 5m run of roofing for natural lighting. Typically 2 per bay.

4.6 Gutters, Flashings & Downpipes

Exterior gutters shall be Colourcote Zinacore or Colorsteel Endura finish, with uPVC, painted downpipes. Internal gutters shall be 1.5mm Ardex butynol or similar lined on plywood, complete with downpipes and overflows. All flashings to roofing shall be made from the same material as the roofing.

4.7 External Doors

4.7.1 3x electrically operated Roller Shutter doors (1 x 5m wide x 5m high & 2 x 6m wide x 5m high) provided by an industrial door specialist are included in our offer, powdercoated, Single or three phased motors. If required by the fire report, UPS devices may need to be installed on some of the roller doors which will be included.

4.7.2 External Roller doors to have 150mm diameter steel bollards each side.

4.7.3 5 x Aluminium powdercoated three-sided frame exterior personnel doors to warehouse. Legge 991 V31 individually keyed locks with Alpha 700 series handles fitted to the doors. One of these doors is to access the office roof.

4.7.4 An internally accessed aluminium ladder to provide safe access the office roof will be included.

4.8 Internal Finishes

4.8.1 No allowance has been made for any special finished to any surface including the back of cladding, inside face of precast and concrete floor, apart from the dust seal.

4.8.2 Structural Steel

All internal steel will be blasted and primed with Resene Steelfab or similar paint to 75 Microns thickness. All purlins and girts shall be galvanised cold rolled steel type.

4.8.3 Timber doors from the office into the warehouse are to be enamel paint finished. Kick plates and vision panels will be installed on main through fare routes.

4.9 Canopy

Canopy cantilever clearspan with a minimum clearance height of 6.0m. 2 sheets of translucent roofing as per warehouse roof. Includes 6 x LED lowbay lights to underside of canopy for night loading.

INTERNAL – BASIC STRUCTURE AND ELEMENTS

5.1 Partitions

5.1.1 Office Partitioning

Partitions to the office perimeter, lunchroom and amenities only.
Balance open plan (office partitioning can be provided by Euroclass if required)

5.1.2 Office Perimeter, lunchroom and amenities

Timber or steel partitions 2680mm high, 10mm Gibraltar board lining, flush stopped and paint finished. (Note toilet amenities ceiling at 2.4m high)

5.1.3 Special Finishes to Walls.

As per A05, Rev C, allowance to supply and install special wall finishes. This Includes Autex Groove panels, Laminex Demi Round 40 and feature timber screens.

5.2 Door Hardware

5.2.1 Offices etc

Cylinder Mortice latch sets (Legge Commercial 990 or similar Mortice with lever arm handles. Door closer allowed where necessary. No allowance to master key door locks.

5.2.2 Toilets

Toilet indicator bolts allowed.

5.3 Sundry Hardware

5.3.1 Total 1 toilet roll holder per toilet cubicle

5.3.2 Total 1 mirror per each wash hand basin

5.3.3 Total 1 coat hook per toilet cubicle

5.3.4 Total 1 towel rail per each toilet room

5.4 Sundry Fittings

5.4.1 Water Closets

Total 5x (4 x separate and 1 x disabled persons toilets) white vitreous china wash down pans complete with low level flushing cistern (Clark Alto II or equivalent) complete with white plastic seat.

5.4.2 Wash Hand Basins

Total 5 x white wall mounted wash hand basins complete with hot and cold chrome single lever tap per basin.

5.4.3 Shower

Allowance for one shower in the disabled cubicle. This includes the required grab handles, seat and fabric curtain.

5.4.4 Hot Water Cylinder

Allow to install 1 x 135 litre mains pressure hot water cylinder.

5.4.5 Kitchen Boiler tap

1 x Hydrotap G5 B Classic Plus Chrome tap boiling unit under each kitchen bench included. 2 x total.

5.4.6 Cleaners sink

1 x metal cleaners sink is included under the warehouse stairs.

5.5 Floor Coverings**5.5.1 Carpet**

A PC Sum of \$98.00 per m² laid for commercial carpet (40 oz Godfrey Hirst or similar laid by direct stick method)

5.5.2 Matwell

2 x 'Advance Flooring' CoralTread commercial entrance mat has been included. The allowance of \$98.00 per m² for all floor coverings includes the entrance matwells.

5.5.3 Vinyl (Amenities and Lunchroom)

2mm thick Polyflor commercial vinyl or similar. An allowance of \$98.00 per m² laid is included for floor coverings to the lunchroom and amenities.

5.6 Ceilings**5.6.1 Offices**

1200mm x 600mm two-way white suspended ceiling system with 12mm (AMF Thermafon Thermatex or similar) mineral fibre tiles or 10mm paint finished Gib board.

5.6.2 Amenities

10mm thick Gib board painted ceiling.

5.7 Kitchen

- 5.7.1** Total 2 (1 x 3600mm & 1 x 2100mm) wide sink bench tops in Silestone Range and a matching splashback in Silestone Range
- 5.7.2** Prefinished Melamine cabinetry with under bench and overhead cupboards. 1 x rubbish bin and 1 x microwave box included
- 5.7.3** Cupboard doors and drawer fronts in Melteca range
- 5.7.4** 1 x lever action faucet installed to each sink. 2 x total.
- 5.7.5** 2 x double power outlets above bench. Power outlets to client supplied appliances.
- 5.7.6** A provisional sum per kitchen of \$12,500.00 + GST has been included for kitchen cabinetry

5.8 Internal Finishes

All areas have been allowed to be painted.

- 5.8.1** Office gib walls and gib ceilings will have one coat of boardwall sealer followed by two coats of Resene Spacecoat Low sheen or equivalent.
- 5.8.2** Wet area gib walls and ceilings to have one coat of pigmented sealer followed by two coats of Resene Zylone sheen or equivalent.
- 5.8.3** Wood work; e.g. internal doors, frames, handrail capings, skirtings to have one coat of sealer then two coats of Resene Lystacryl or equivalent.

SERVICES

6.1 Plumbing

Allowance is included to lay a 25mm diameter watermain from the site boundary to the building. All sanitary fittings shall be connected to the mains water supply and drained to the council sanitary drainage connection. All hand basins, sinks, shall be connected to a hot water system. All materials and workmanship shall be in accordance with all applicable regulations, standards and to the satisfaction of the local authority.

6.2 Drainage

6.2.1 Stormwater

All downpipes shall be connected to an underground stormwater drainage system comprising PVC or concrete pipes, complete with all the necessary manholes, traps etc to discharge into the onsite site soakage devices.

6.2.2 Sanitary Drainage

All sanitary fittings shall be connected to an underground sanitary drainage system comprising PVC pipes and complete with all necessary manholes, traps, vents etc and connected to the council sanitary drainage system.

6.3 Electrical

6.3.1 Mains Supply

Allowance is included to supply and lay a 100amps per phase, 3 phase mains cable to the building and to supply 1 no mains switch/meter board. Included is a provisional sum for \$10,000 for your local electrical network provider to provide a plinth at the boundary.

6.3.2 Power Reticulation

Allowance is included for 22 No single phase double switched socket outlets to the office area only.
Wiring is included for the Hot Water cylinders.
Wiring is included for the single phase motorised roller doors.

6.3.3 Lighting

Offices (Generally)

1200 x 300 LED panel lights with diffusers to give lighting level of 500 lux maximum. Flush mounted.

6.3.4 Toilet/Amenity Areas LED
down lights included.

6.3.5 Warehouse
200w high LED Highbay lights 36 x quantity.

6.3.6 Exterior
Includes LED down lighting to the main entry, lowbay lighting to the canopy and 2 off 400w floodlights to building and yard.

6.4 Telephone & Data
Exclusion: The provision of all telephone systems, equipment and cabling shall be the responsibility of the client. Allowance is included for a 100mm diameter PVC telecom duct.

6.5 Fire Protection
An allowance for a minimum of a type 2f (Manual fire alarm system with call points) fire alarm system is included. The alarm system shall be in accordance with the fire design summary as required by the NZ building code.

6.6 Air-Conditioning

6.6.1 Air-conditioning of the offices and ventilation of the toilet/amenity areas is included in our offer, all to comply with the NZBC to offices areas including lunchroom.

6.6.2 Design Parameters

Summer Outdoor conditions	26.5 deg C DB
	21.0 deg C WB
Indoor Temperature	22.0 deg C DB
Winter Outdoor conditions	7.0 deg C DB
	6.0 deg C WB
Indoor Temperature	21.0 deg C DB

Maximum deviation in temperature anywhere	1.5 deg C DB
Occupancy Rate	1 person / 10m ² 30
Total Power & Lighting Input	watts / m ² 0.60 or
Glass Shading Coefficient	better NC 35 and
Sound Levels between	NC 40

6.6.3 Fresh Air

Allowed to introduce fresh air at the rate of 1 litres/second/m² of floor area, or 10 litres/second/person, whichever is the greatest.

6.7 Security System/Data CCTV

Allowance to install 4 x external cameras to provide visibility to the yards and coverage over the gates. 1 x internal camera will be installed in the ground floor lobby to cover the main entrance door.

Access Control

Both office external doors and the warehouse personnel door next to the accessible carpark will be fitted with electronic locks with swipe card and pin access capabilities.

Security

All external doors and office-to-warehouse doors will be fitted with reed switches connected to a security alarm.

Data

A main data cabinet will be installed in the server room along with the fibre ONT connection. 1 x double data outlet will be installed on each floor for printer connections and 2 x access points will be installed to provide wifi coverage throughout the office. A fibre link will be installed to a separate warehouse cabinet for future connections.

EXTERNAL WORKS

7.1 Yards, Car Parking & Drives

Included in our offer is to extend the formation of all yard area shown in the drawings. The warehouse yards to be 150mm 30 MPa reinforced concrete, placed over 150mm hardfill and finished with a light broom finish, and saw cut into rectangles as directed outside main warehouse only. The main front car park is in 30mm Hotmix M10 on 300mm subbase. The joints shall be unfilled. Slab free of any structural cracking but as concrete shrinks, minor shrinkage cracks are inevitable.

7.2 Car Park Marking

Allowance is included for marking out each car parking space in white marking paint, and yellow to disabled car parks.

7.3 Landscaping

A provisional sum allowance of \$20,000 is included to landscape the project.

7.4 Fencing & Gates

Included in our offer is for the supply and installation of standard black chain link security fencing to the perimeter with auto gates.

7.5 Hose Taps

Total 3 x 15mm diameter hose taps with have been allowed for in our offer.

EXCLUSIONS AND CLARIFICATIONS

8.1 Exclusions

No allowance has been made for the following:

- GST
- Computer and data wiring
- Telecom and telephone works
- Fit out additional internal partitioning
- Office furniture / reception counter
- Whiteware / kitchen appliances
- Blinds and curtains
- Specialist equipment
- Additional wiring to the warehouse for power points, forkhoist charges, sub-boards etc.
- Corporate signage
- Flag poles etc
- Lockers
- Gas installation
- Any shelving whatsoever
- Fitout of any kind to warehouse
- Consent lodgement for racking, associated engineering, emergency lighting and fire report revisions
- Additional lighting to suit racking aisles
- Air-conditioning & Ventilation to the general warehouse
- Water and drainage reticulation inside the warehouse for manufacturing
- Sprinklers
- Council reserve contributions
- Development levies
- Infrastructure upgrade levies
- Building Warrant of Fitness fees and ongoing compliance schedule costs
- Piling
- Contamination
- Unsuitable ground conditions
- Any service works outside the boundary, i.e. moving data pits, streetlights, cesspits etc
- No cable trunking included
- Access control to gates

8.2 Clarifications

Any variations to the contract shall be costed out and approved in writing by Client prior to being carried out.

PROGRAMME

9.1.1 Preliminary Programme

The following programme is an indication of the time that we would expect to achieve once all the contracts have become unconditional.
Note: Euroclass can't be held responsible for delays in the consent phase – best endeavours only but we are not contractually liable.

9.1.2 Drawings

Time from acceptance of our quotation	12 Weeks
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9.1.3 Building Consent

Time from lodgement with Local Authority	12 Weeks
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9.1.4 Construction

Time from Issue of Building Consent	32 Weeks
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9.1.5 Total

Total time from acceptance to completion	56 Weeks
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Executive Summary

65 Walls Road, Penrose, Auckland 0510

As per drawings REF 24 003 REV D A01-A23

Areas

Land	4,563m ²
Warehouse	2,586m ²
Office	304m ²
Canopy	550m ²
Carparks	16
Yards	as shown

Design Rationale

The complex has a 10m stud height at the portal knee, to 12m in the centre, clear span warehouse with full height precast on boundary walls. The warehouse has 30kPa UDL floor loading with a post-tensioned jointless floor, allowing for extremely low maintenance. This is served by three roller doors, two of which are under a 10m cantilevered canopy onto a concrete yard.

The office is two levels with a concrete mid floor, carpet and air conditioning, ready for occupants. The location of the office allows for great visual connectivity out onto the operational warehouse face, and the carpark out the front separates the office staff from the truck traffic to mitigate pedestrian health & safety risks. Included is a preliminary office layout.

This high stud warehouse has a racking capacity of 3,900 pallet spaces (refer to page 18-21 of IM) with aisle spaces of 2.3m and space available to stack up to 6 pallets high.

Rental Rates

Area	m ²	\$/m ²	Total
Warehouse	2,586	\$250.00	\$ 646,500.00
Office	304	\$350.00	\$ 106,400.00
Canopy	550	\$103.00	\$ 56,650.00
Carparks	16	\$25ea/week	\$ 20,800.00
Yards	1,026	\$60.00	\$ 61,560.00
Total			\$ 891,910.00 + GST

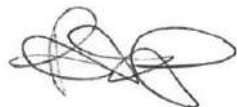
Commercial Terms

10 Year Lease to ADLS 2012 Fifth Edition
Annual increase 3.5%
Midterm review to market hard ratchet
Bank bond for 12 months rental
5+5 rights of renewal

Practical completion: Q2 2027
Available for purchase.



Charlie Bishop
charlie@euroclass.co.nz
021 280 2341



Peter Bishop
peter@euroclass.co.nz
021 228 4656

Sustainability in action

We are committed to:

Sustainable design principles from large-scale developments to single-building units

Implementation of comprehensive environmental management plans on development sites

Recycling of construction materials where possible, including in-house concrete recycling

Encouraging clients to consider additional design features to promote sustainability such as solar electricity, electric vehicle charging stations and rainwater utilisation

Continual education and training of employees and trades on waste minimisation

Maintaining a modern and efficient fleet of vehicles, plant and machinery

Utilisation of local suppliers and service providers to reduce environmental impact

Encouragement and support for industry development of sustainable construction methods



Featurecraft, Hawkes Bay



Esko Safety, New Plymouth



Puretec, Hamilton



Cloke and BrandSpec, Auckland



Jones Trading Group, Auckland



Trade Depot, Hamilton



Stonehill Business Park 2010 / 2025



Basalt Business Park 2016 / 2025



Building quality
since

1987



euroclass
design | develop | deliver

P 0800 222 898 E info@euroclass.co.nz W euroclass.co.nz

A Level 3, 40 Onehunga Mall, Onehunga, Auckland 1061

PO Box 13129, Onehunga, Auckland 1643

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