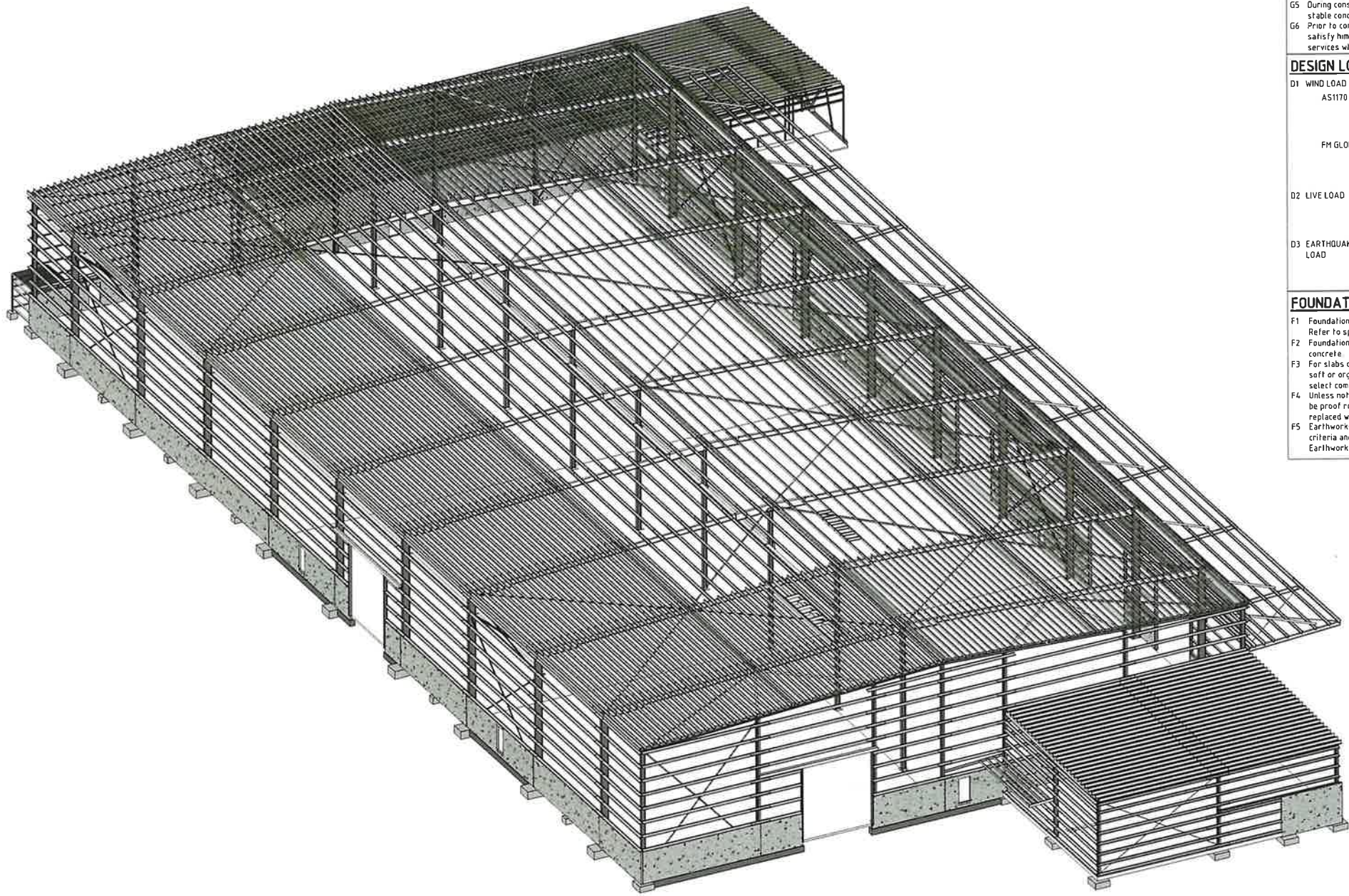


WALLENIUS WILHELMSSEN WAREHOUSE

EST010, PRIORS ROAD, BRISBANE AIRPORT



GENERAL

- G1 This drawing shall be read in conjunction with all architectural and other consultants' drawings and specifications.
- G2 Refer any discrepancy to the Engineer before proceeding with work.
- G3 Verify all setting out dimensions with the Architect.
- G4 Dimensions shall not be obtained by scaling the structural drawings.
- G5 During construction the structure shall be maintained in a stable condition and no part shall be overstressed.
- G6 Prior to commencement of works the contractor will satisfy himself of the correct locations of all existing services whether indicated or not on the plans.

DESIGN LOADS

- D1 WIND LOAD
- AS1170 - Design wind speed for ultimate loads 56.4 m/s
- TC2.2 - Terrain category 2
- FM GLOBAL - Design wind speed for ultimate loads 68.3 m/s
- Factor of safety 2
- Exposure category C
- D2 LIVE LOAD
- Office 3kPa
- Warehouse 25kPa
- Forklift 2.5 S.W.L. on forklift with gross mass of 6t
- D3 EARTHQUAKE LOAD
- Importance level 2
- Hazard factor IZ 0.08
- Site sub-soil class Dc
- Earthquake design category II

FOUNDATIONS

- F1 Foundations have been designed for ground improvement. Refer to specialist contractor.
- F2 Foundation material shall be approved before placing concrete.
- F3 For slabs on ground, all topsoil and upper strata containing soft or organic matter are to be removed and replaced with select compacted fill.
- F4 Unless noted otherwise all subgrade and platform areas to be proof rolled and any soft areas are to be excavated and replaced with select compacted fill.
- F5 Earthworks shall be carried out in accordance with criteria and procedures set out in AS3798 Guidelines on Earthworks for Commercial and Residential Developments.

CONCRETE

- C1 All workmanship and materials shall be in accordance with current relevant codes, in particular AS 3600 CONCRETE STRUCTURES CODE.
- C2 UNLESS SHOWN OTHERWISE Concrete used in the works shall have the following properties:-
- | STRUCTURAL ELEMENT | FC AT 28 DAYS (MPa) TO AS3600 | MAXIMUM AGGREGATE SIZE (mm) | MAXIMUM SLUMP (mm) |
|--------------------|-------------------------------|-----------------------------|--------------------|
| Blinding | 15 | 20 | 100 |
| Footings | 25 | 20 | 80 |
| Elsewhere | as noted | 20 | 80 |
- All concrete shall be vibrated.
- Clear concrete cover to reinforcement shall be as follows unless specified otherwise:-
- | Structural Member | Cast against forms complying with AS 3600 | Cast against ground |
|-------------------|---|---|
| Surfaces | Exposure Class A1 (Interior environment) | Exposure Class B1 (Above ground exterior environment) |
| Footings | - | - |
| Columns | 20 | 40 |
| Beams | 20 | 40 |
| Walls | 20 | 40 |
| Suspended Slab | 20 | 40 |
| Slab on Ground | 20 | 60 |
- Note: Damp proof membrane 1200 um thick mml to be used under slabs in contact with ground.
- Note: Any construction tolerances to be added to clear concrete covers shown in table.
- C4 Concrete cover to be maintained by the use of approved chairs and/or concrete blocks spread at approximately 600mm cross centres.
- C5 Formwork to be placed, maintained, stripped and backpropped in accordance with AS 3610.
- C6 In the absence of control testing and / or calculation and unless noted otherwise, formwork stripping times to be as per the following table:-
- | Formed Surface | Temperature Conditions | | |
|--------------------------------|------------------------|----------------------|------------------|
| | Hot - 20°C | Average 12°C to 20°C | Cold 5°C to 12°C |
| Stripping of Walls and Columns | 1 day | 2 day | 3 day |
| Slabs and Beams | Stripping 5 days | 8 days | 12 days |
| Backpropping (See Notes) | 18 days | 28 days | 28 days |
- Note (i) Maximum Construction Load = 2.0kPa
- Note (ii) Figures shown do not apply to slabs supporting loads over including propped slabs other than roof loads.
- In multilevel construction, until backpropping is removed from the support slab, the minimum No. of levels to which support shall be maintained is as follows:-
- | Levels | Temperature Conditions | | |
|--------|------------------------|----------------------|------------------|
| | Hot - 20°C | Average 12°C to 20°C | Cold 5°C to 12°C |
| Levels | 4 | 5 | 5 |
- Note (i) Maximum 7 days between pours.
- Note (ii) No stacked materials to be placed on any floor. Construction live load to be a maximum of 1.0kPa at uppermost level and 0.25kPa at intermediate levels.
- Note (iii) In no case stripping / backpropping times be less than given in Note (i).
- Note (iv) Number of backpropped levels to be less than half of supported levels.
- Where construction programming requires stacked materials to be placed on newly poured slabs, all level below shall remain propped for min of 28 days.
- C7 Transfer slabs to remain propped for min of 28 days.
- C8 Construction joints where not shown shall be located to the approval of the Engineer.
- C9 No holes or chases other than those shown on the structural drawings shall be made in concrete members without the prior approval of the Engineer.
- C10 All concrete surfaces are to be cured by an approved method for seven days immediately after concrete is placed.
- C11 Splices in reinforcement shall be made only in the position shown on the structural drawings.
- C12 Where TRANSVERSE TIE-BARS are not shown provide N12 at 400 Lap 400mm where necessary with main bars.
- C13 Reinforcement is shown diagrammatically; it is not necessarily shown in true projection.
- C14 Reinforcement to AS 4671.
- S denotes structural grade deformed bar.
- N denotes 500N grade deformed bar.
- Y denotes 400Y grade deformed bar.
- R denotes structural grade plain round bars.
- SL denotes hard drawn wire reinforcing fabric.
- The number immediately following the bar grade symbol represents the nominal bar diameter in millimetres.
- C17 All laps in reinforcing steel are to be full tension laps unless noted otherwise.
- C18 Bars shown staggered on plan are to be placed alternately.

WAREHOUSE FLOOR SLAB

- W1 GENERAL
- The warehouse floor slab shall be a high quality burnished slab and appropriate measures shall be taken to obtain such finishes with a very hard, compacted surface which is sealed and free of dust and cracking.
- Failure to achieve the essential requirements will result in rejection of the floor.
- W2 The concrete for the warehouse slab shall have the following properties:
- Concrete Grade S40
- Max Slump: 90mm +/- 10mm
- Max Aggregate Size: 20mm
- Min Flexural Strength at 90 days: 4.0 MPa
- Max drying shrinkage at 56 days: 650 microstrain
- W3 The surface tolerance of the finished floor shall be a maximum deviation from a 3m straight edge of 5mm.
- W4 CURING
- Acceptable methods of curing include the following:
- Ponding or continuous sprinkling with water (moist curing).
- An impermeable membrane laid over the concrete surface after completion of all finishing operations, weighted down to prevent air circulation.
- An approved curing compound Evencure AC or similar that is compatible with the proposed slab sealing product and shall comply with AS3799.
- W5 SURFACE SEALING
- The floor shall be dust sealed with an approved compound. Concrete curing system shall be compatible with the proposed slab sealing product. Joining components are to be compatible with sealer.
- W6 TESTING
- Sample, test and assess the concrete for compliance with the specified quality parameters to AS1379 Section 5 and Appendix B.
- W7 Compressive Strength Assessment: Sample, test and assess concrete for compliance with specified compressive strength to AS3600 Section 20.
- W8 Frequency of sampling: Project assessment of strength grade is required. Spread the site sampling evenly throughout the pour.
- W9 Flexural Strength Assessment: Sample and test to AS1012 Part 8 and Part 11. Assess the concrete for compliance with the specified flexural strength by applying the requirements of AS1379 clause B7.3 for sampling frequency and acceptance criteria.
- W10 Drying Shrinkage: Submit the concrete manufacturers test results for the mixes proposed to be used in the project, sampled every 3 months for each type of concrete and tested to AS1012 Part 13, for six months prior to concrete supply. If test results do not exist then take samples of the proposed mix at the start of the project, prior to concrete supply, and report shrinkage strains at 28 and 56 days. Sample and test the mixes at the rate on one sample each 5000 sqm slab constructed to demonstrate compliance with the specification.
- W11 Slump Tests: Sample and test to AS1379 clause 3.1 and Section 7.
- W12 JOINTS
- Sawn joints: Commence sawing, regardless of time or weather conditions, as soon as the concrete has hardened sufficiently to permit cutting without defects, such as uncontrolled cracking, chipping, spalling, undercutting or washing out, occurring to such a degree as to cause structural weakness or excessive cleaning difficulty. Complete sawing not more than 24 hours after concrete placement.
- W13 If required to optimise timing of saw cuts, trial cuts shall be carried out in "non-critical" areas of the slab, for example, within racking aisles.
- Do not use "soft cut" sawing unless approved by the engineer following trials.
- Provide one standby sawing machine for each machine planned to be used.
- Immediately after each joint is sawn, flush the saw cut and adjacent concrete surface with water until the waste from sawing is removed from the joint.
- C14 Dowel Joints: Provide galvanised steel plain rod dowels in expansion and contraction joints. Cut dowels to length by sawing. Avoid any deformities or dags in dowels that would restrain movement relative to the concrete slab.
- Embed each dowel normal to the plane of the joint, so that half the dowel lies on each side of the joint. Heavily grease or bitumen coat one half and fit an expansion cap to that end. Paint the slab joint face with a bond breaking agent prior to pouring subsequent slab panels.
- W15 Key Joints: Key joints shall not be used in the warehouse floor slab.
- W16 JOINT FILLING
- Where joints are to be filled with jointing materials, including sealants, bond breakers, backing rods, preformed strips, and the like, dry and clean the joint surfaces before application and prime if and as recommended by the joint material manufacturer. Joint filling shall be delayed for as long as possible after casting the slabs to allow the maximum amount of shrinkage to take place.
- W17 Sawn joints shall be filled full depth with a semi-rigid epoxy such as Epurez 05 050 or approved equivalent. Backing rods shall not be used. Shaw hardness in the range 07 70-80. Care shall be taken to ensure that the surface tolerance is maintained across construction joints.

Sheet Number	Sheet Name	Current Revision
S001	COVER PAGE AND NOTES	F
S101	FOOTING AND SLAB PLAN	G
S111	FOOTING AND SLAB DETAILS	C
S301	ROOF FRAMING PLAN - PART 1	E
S302	ROOF FRAMING PLAN - PART 2	E
S303	ROOF FRAMING PLAN - PART 3	E
S304	ROOF FRAMING PLAN - PART 4	E
S305	OFFICE, PUMP ROOM, WATER SEPARATOR & TANK PUMP ROOF FRAMING PLANS	D
S311	FRAMING ELEVATIONS - SHEET 1	F
S312	FRAMING ELEVATIONS - SHEET 2	E
S313	FRAMING ELEVATIONS - SHEET 3	C
S321	FRAMING SECTIONS	C
S331	FRAMING DETAILS - SHEET 1	E
S332	FRAMING DETAILS - SHEET 2	C
S401	PRE-CAST PANEL KEY PLAN	E
S411	PRE-CAST PANEL ELEVATIONS	E
S421	PRE-CAST PANEL DETAILS	E

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	S.W.	GENERAL AMENDMENTS	21.04.22	E
	S.W.	AMENDMENTS AS CLOUDED	07.04.22	D
	S.W.	CONSTRUCTION ISSUE	17.03.22	C
	S.W.	PRE CONSTRUCTION ISSUE	07.03.22	B
	S.W.	PRELIMINARY - FOR INFORMATION ONLY	11.02.22	A
DRN		AMENDMENTS	DATE	REV

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Construction Checked

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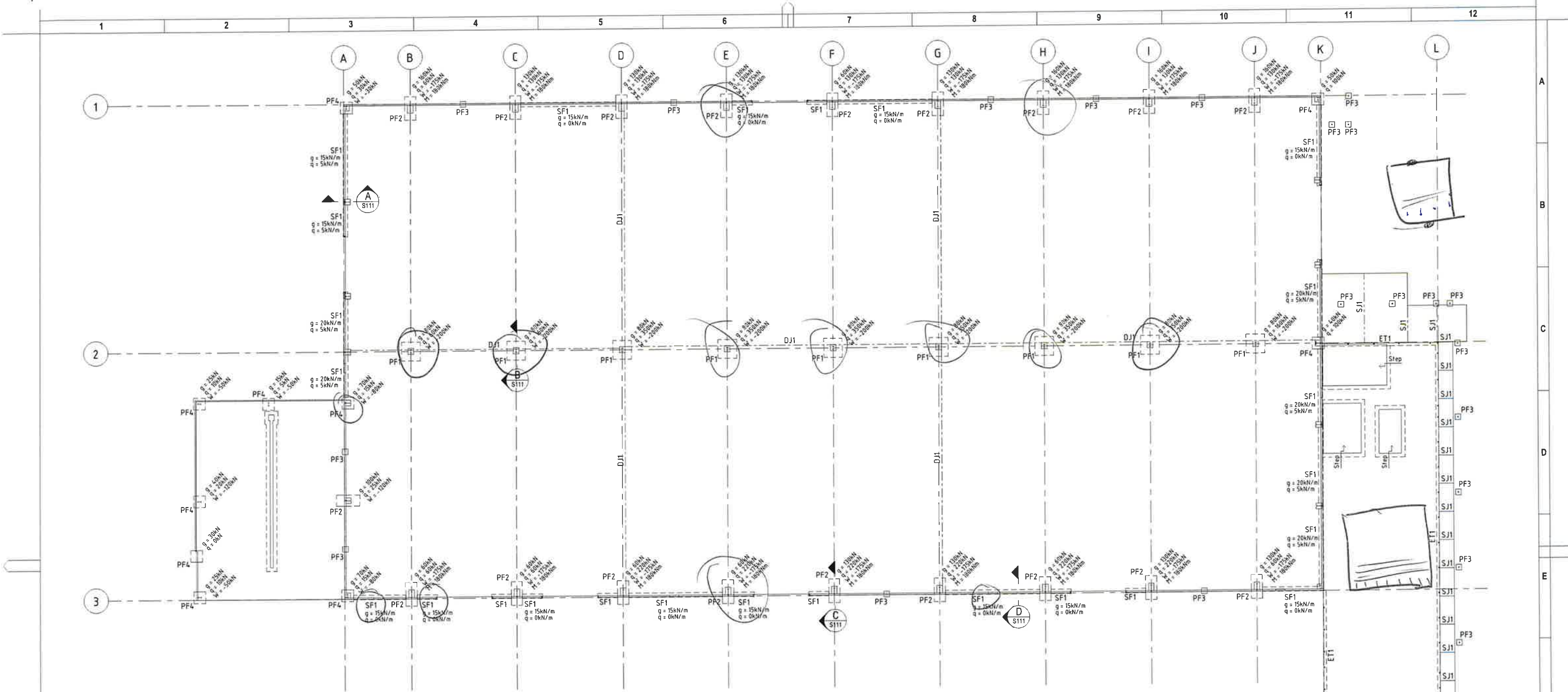
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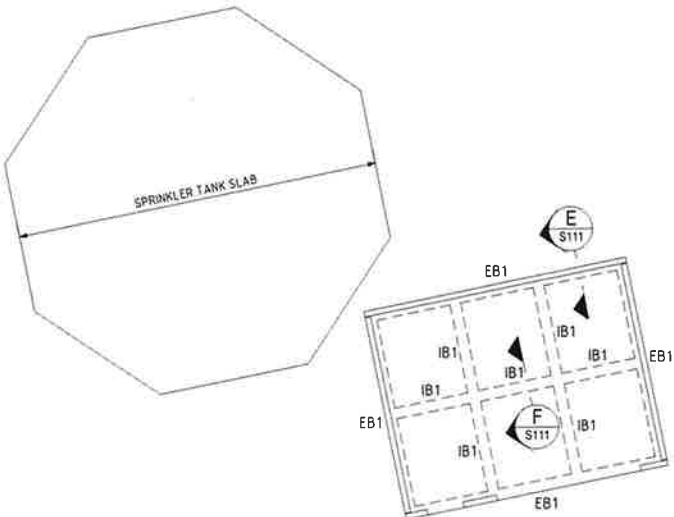
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COVER PAGE AND NOTES

BRISBANE AIRPORT CORPORATION PTY LTD 11 The Central Brisbane Airport QLD 4008 PO Box 91 Hawthorne QLD 4006 Australia Telephone: 61 7 3406 3000 Facsimile: 61 7 2406 3111 Email: info@brisbaneairport.com.au www.brisbaneairport.com.au ABN 54 574 472 656	Scale Size Revision F
Design Ref / Project Ref / Discipline / Airport Project / Sub-Number Crg No MCE / P210075 / S / 10 / S001	



FOOTING AND SLAB PLAN
1: 200



PUMP ROOM AND SPRINKLER TANK FOOTING AND SLAB PLAN
1: 100

WAREHOUSE SLAB ON GROUND

165 THICK FIBRE REINFORCED SLAB ON GROUND
WITH 30kg/M² DRAMIX SD 65/60/BG
CAST SLAB ON 2 LAYERS OF VAPOUR BARRIER
OVER 50mm SAND BEDDING

WASH BAY SLAB ON GROUND

160 THICK FIBRE REINFORCED SLAB ON GROUND
WITH 30kg/M² DRAMIX SD 65/60/BG
40mm COVER TO REINFORCEMENT
CONCRETE GRADE = S4.0

OFFICE SLAB ON GROUND

140 THICK FIBRE REINFORCED SLAB ON GROUND
WITH 30kg/M² DRAMIX SD 65/60/BG
REINFORCE WITH SL82 MESH BOTTOM
40mm COVER TO REINFORCEMENT
CONCRETE GRADE = N4.0
CAST SLAB ON 2 LAYERS OF VAPOUR BARRIER
OVER 50mm SAND BEDDING

FOOTING

REFER SCHEDULE AND DETAILS FOR SIZE AND REINFORCEMENT.
CONCRETE GRADE = N25

PUMP ROOM SLAB ON GROUND

125 SLAB ON GROUND
REINFORCE WITH SL82 MESH TOP
40mm COVER TO REINFORCEMENT
CONCRETE GRADE = N4.0

TANK SLAB ON GROUND

34.0 THICK SLAB ON GROUND
REINFORCE WITH N16 AT 200 EACH WAY TOP AND BOTTOM
40mm COVER TO REINFORCEMENT
CONCRETE GRADE = N4.0

PATH SLAB

100 THICK SLAB ON GROUND
REINFORCE WITH SL82 MESH TOP
40mm COVER TO REINFORCEMENT
CONCRETE GRADE = N32

NOTE

FIBRE REINFORCED CONCRETE DESIGN
AND CERTIFICATION BY BOSFA

LEGEND

DJ1	DOWEL JOINT REFER DRG No. 22003/S111 FOR DETAILS
S11	SAWN JOINT REFER DRG No. 22003/S111 FOR DETAILS
EB1	EDGE BEAM REFER DRG No. 22003/S111 FOR DETAILS
IB1	INTERNAL BEAM REFER DRG No. 22003/S111 FOR DETAILS
ET1	EDGE THICKENING REFER DRG No. 22003/S111 FOR DETAILS
q	DEAD LOAD
q	LIVE LOAD
W	UL TIME WIND LOAD
M	UL TIME BASE MOMENT

NOTE

FOR ALL STEPS AND FALLS REFER
ARCHITECTURAL DRAWINGS

PAD FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
PF1	2000	2000	650	N20 AT 200 EACH WAY TOP & BOTTOM, FIBRE ALTERNATIVE 20kg/M ³ DRAMIX SD 65/60/BG
PF2	2500	1200	650	N20 AT 200 EACH WAY TOP & BOTTOM, FIBRE ALTERNATIVE 20kg/M ³ DRAMIX SD 65/60/BG
PF3	600	600	500	N16 AT 200 EACH WAY BOTTOM, FIBRE ALTERNATIVE 20kg/M ³ DRAMIX SD 65/60/BG
PF4	1250	1250	500	N16 AT 200 EACH WAY TOP & BOTTOM, FIBRE ALTERNATIVE 20kg/M ³ DRAMIX SD 65/60/BG

STRIP FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
SF1	450	500	3/N16 TOP & BOTTOM WITH N12 LGS AT 300 CRS

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S.W.	AMENDMENTS AS CLOUDED	07.04.22	F
S.W.	CONSTRUCTION ISSUE	17.03.22	E
S.W.	COORDINATION ISSUE	11.03.22	D
S.W.	PRE CONSTRUCTION ISSUE	07.03.22	C
S.W.	PRELIMINARY	24.02.22	B
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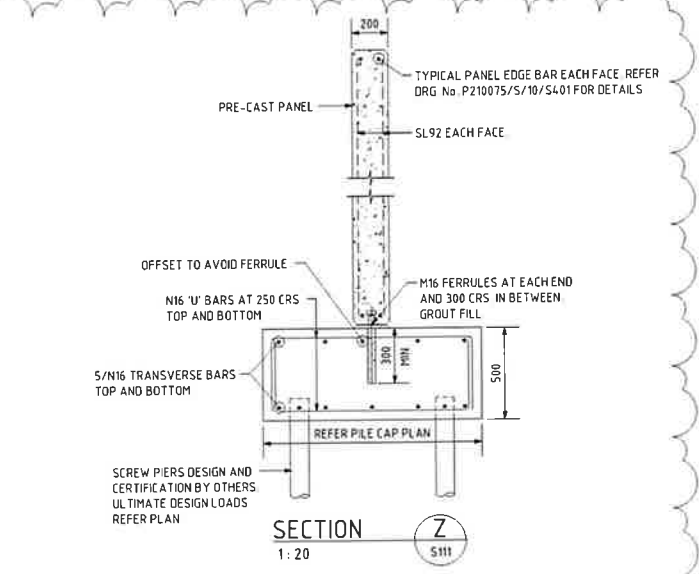
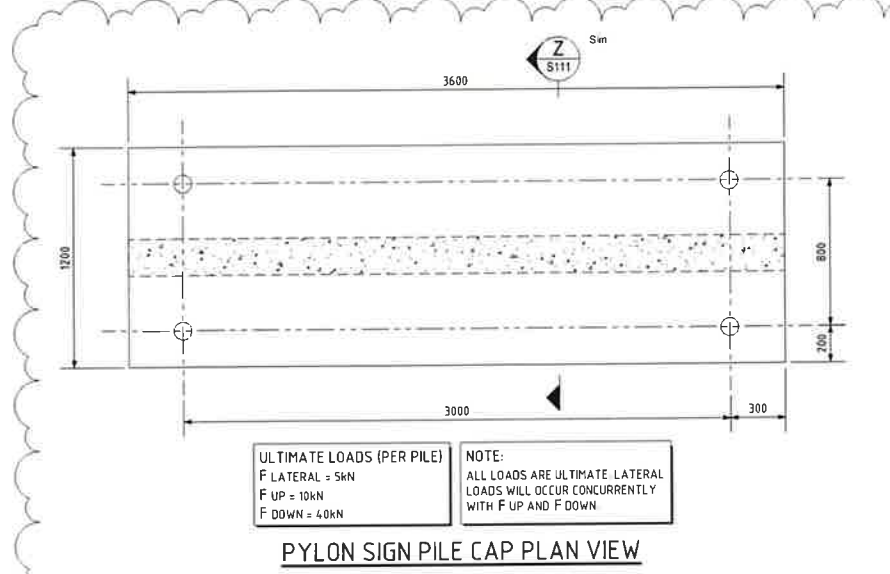
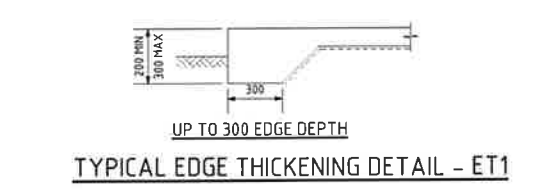
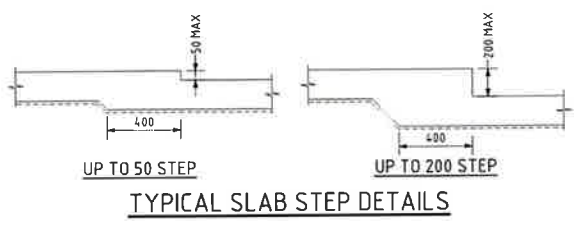
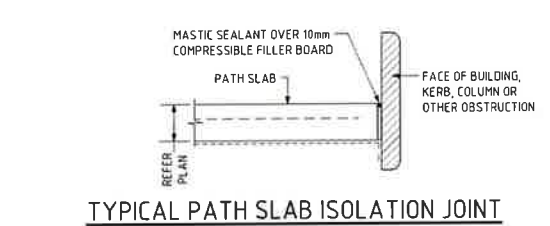
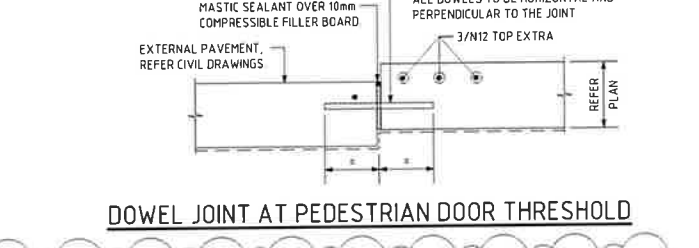
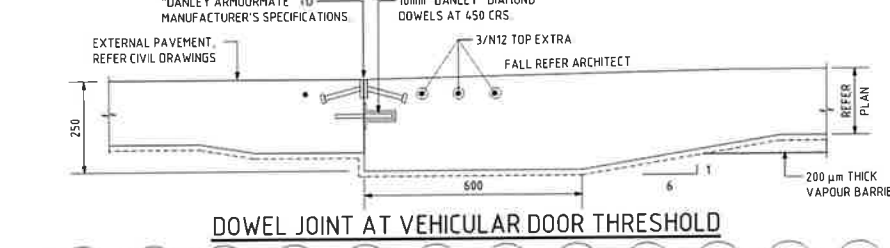
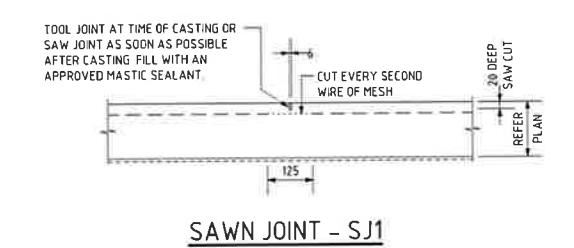
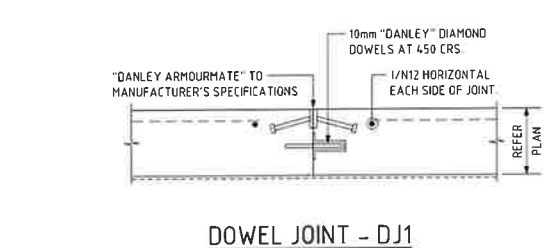
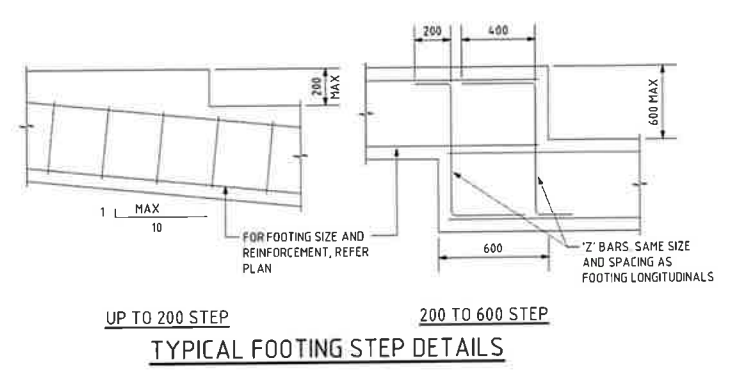
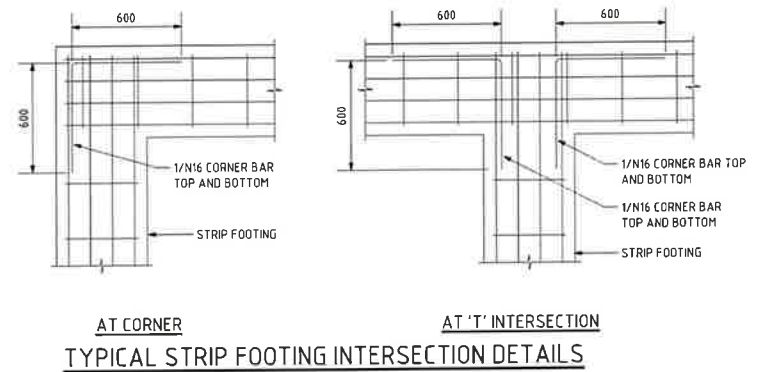
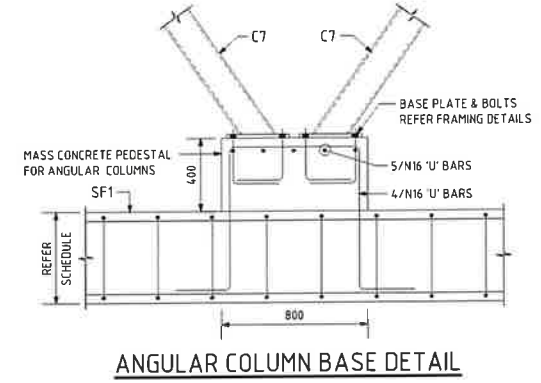
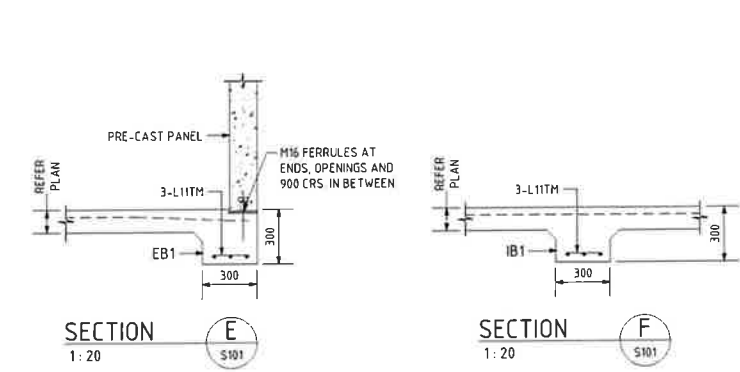
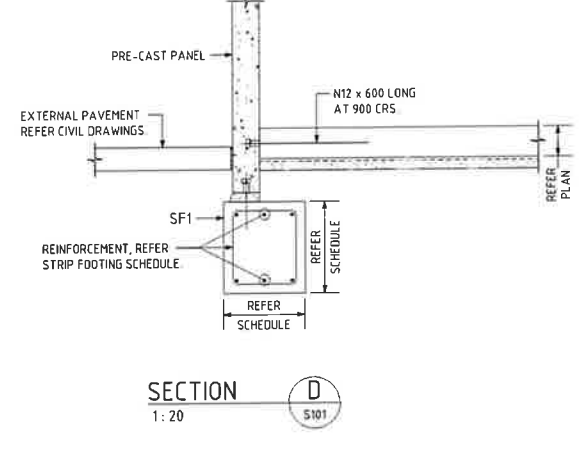
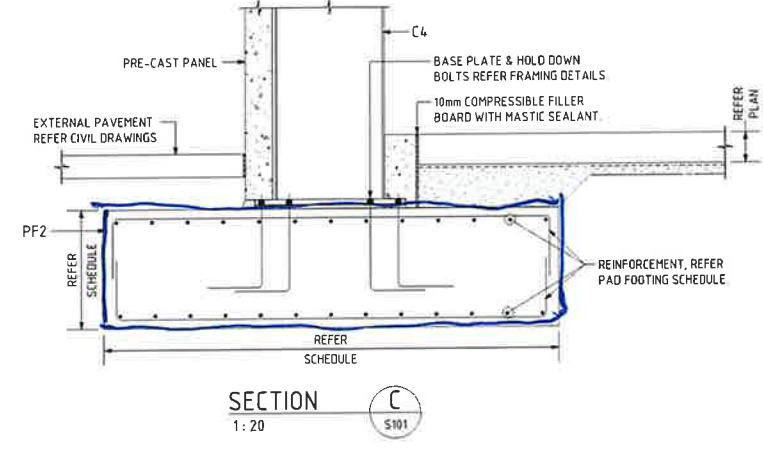
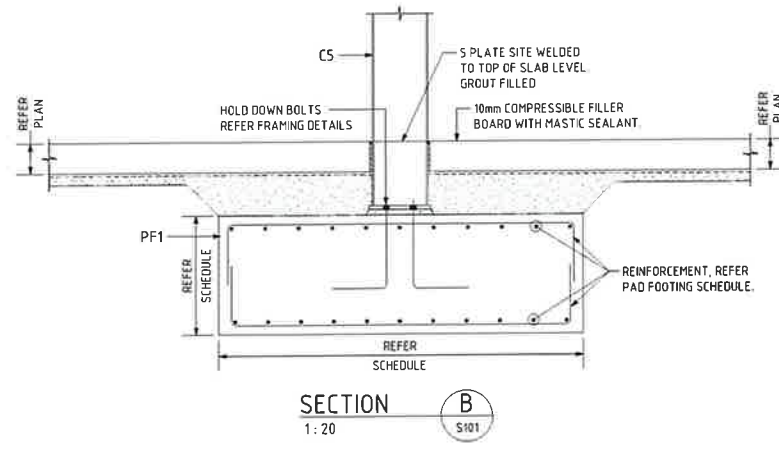
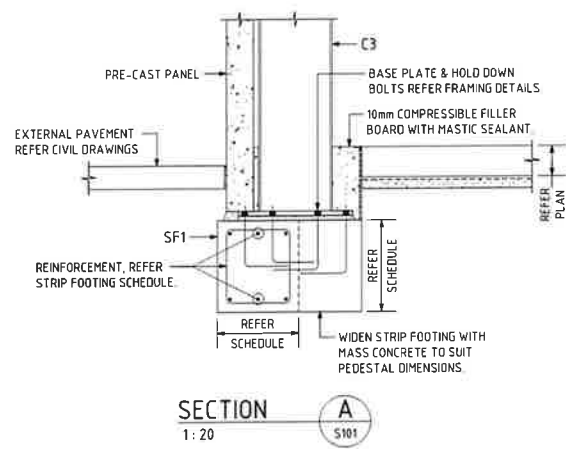
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FOOTING AND SLAB PLAN

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Dwg No. NCE / P210075 / S / 10 / S101

Scale
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Revision
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DRN	AMENDMENTS	DATE	REV

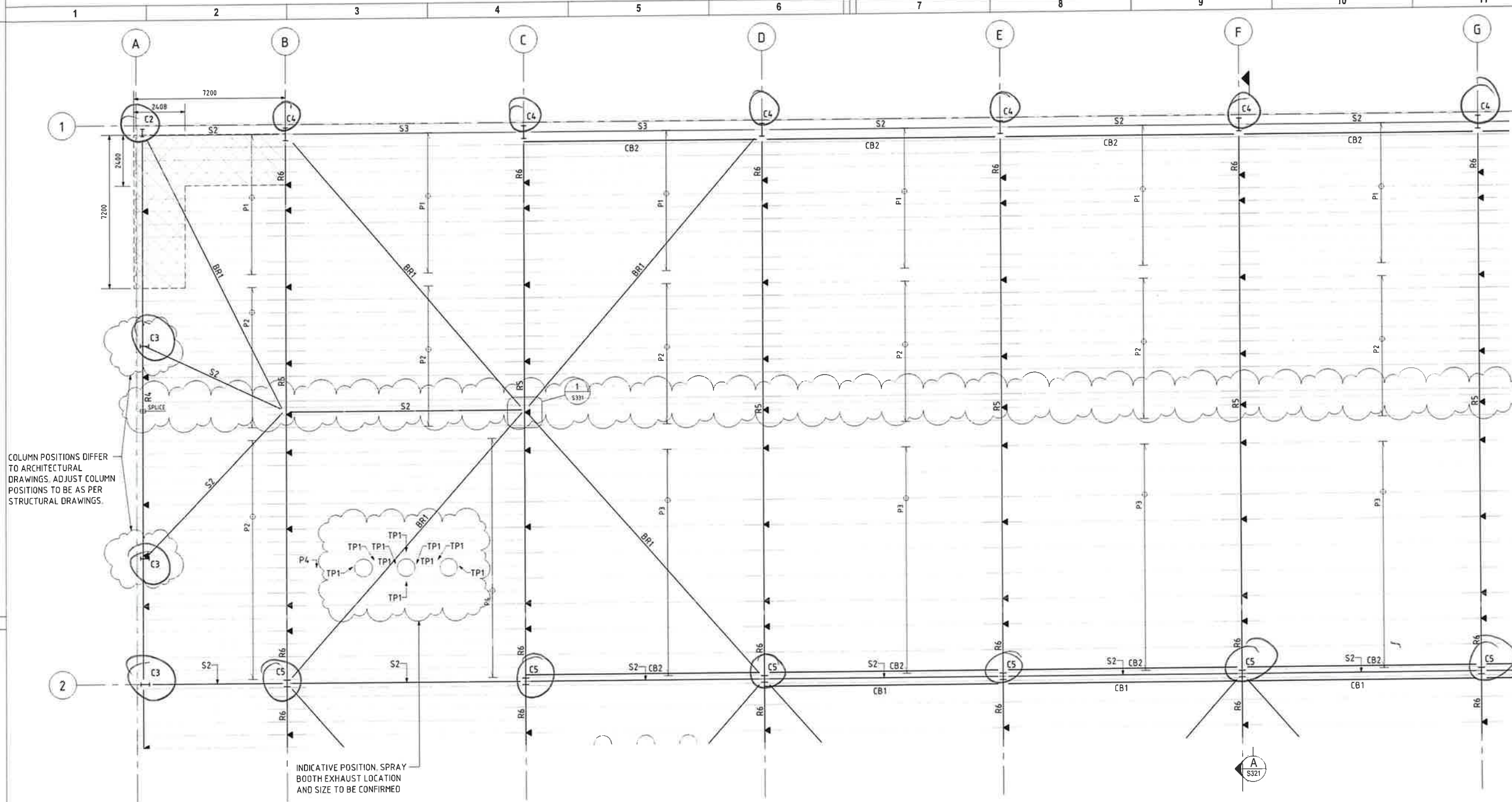
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WALLENUS WILHELMSEN WAREHOUSE EST010, PRIORS ROAD, BRISBANE AIRPORT
FOOTING AND SLAB DETAILS

BRISBANE AIRPORT
Design Ref / Project Ref / Discipline / Airport Precinct
MCE / P210075 / S / 10 / S111
Scale
As indicated
Size
A1
Revision
D
Sub-Number
S111



FRAMING SCHEDULE		
MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GIRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY
B1	200PFC	BEAM
B2	250PFC	BEAM
B3	300PFC	BEAM
B4	300PFC	BEAM
B5	300PFC	BEAM
B6	300PFC	BEAM
B7	300PFC	BEAM
B8	300PFC	BEAM
B9	300PFC	BEAM
B10	300PFC	BEAM
B11	300PFC	BEAM
B12	300PFC	BEAM
CB1	610UB101	CRANE BEAM
CB2	530UB82	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	S225019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G2	S225019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G3	S225024	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 3 ROWS OF BRIDGING EACH BAY
G4	S225024	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G5	S225019	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED 1 ROW OF BRIDGING EACH BAY
G6	C15015	GIRTS AT 1200 MAX CRS 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	410UB101	RAFTER
R7	180PFC	RAFTER
R8	150PFC	RAFTER
RA1	100x10 EA	RAKING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT GRADE 350
S2	168x6.4CHS	STRUT GRADE 350
S3	219x6.8CHS	STRUT GRADE 350
S4	125x4.5SHS	STRUT GRADE 350
S5	165x3 SCHS	STRUT GRADE 350
TG1	C10019	TRIMMING GRT. FIX TO EACH PURLIN WITH 1/2" BOLT
TP1	SC25015	TRIMMER PULIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4.5SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	610UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3 SCHS	STEEL COLUMN
M2	89x5SHS	MULLION
▲	50x5 0 EA	DENOTES ANIT-SWAY BRACE REFER TYPICAL DETAIL ON DRG No 22003/5331

STRUCTURAL STEEL

- S1 Fabricate and erect all structural steelwork in accordance with AS 4100 and AS 1554.
- S2 Two copies of the shop drawings are to be submitted to the Engineer, and approval of same obtained before commencing fabrication. Approval will not cover dimensions or layout.
- S3 Engineer's review of shop drawings is only for general conformance with design concept and project requirements, and does not imply approval or any variance from the Contract Documents. Dimensions and quantities will not be checked by the Engineer.
- S4 Unless noted otherwise:
- Join all components with 6mm continuous fillet weld
 - Plates are 10mm
 - Bolts are M20, 8.8/s
 - Welds are category GP.
- S5 The contractor shall provide and employ any additional temporary bracing etc. necessary to support the steelwork during construction.
- S6 Unless noted otherwise, surface treatment to interior steelwork shall be:
- Abrasive blast cleaned to AS 1527.4 Class 2
 - Primed with 'Tolmans Chromox Zinc Phosphate Primer' to a dry film thickness of 75 microns
- S7 Unless noted otherwise, surface treatment to exterior steelwork shall be Hot dipped galvanised.
- S8 For friction grip bolted joints, the contact surfaces shall be free from paint, lacquer, galvanising or other applied finishes.
- S9 All cast in bolts and plates shall be hot dipped galvanised.
- S10 Provide 6 seal plate to open ends of all RHS/SHS/CHS members UNO.

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S.W.	AMENDMENTS AS CLOUDED	07.04.22	E
S.W.	CONSTRUCTION ISSUE	17.03.22	D
S.W.	PRE CONSTRUCTION ISSUE	07.03.22	C
S.W.	PRELIMINARY	24.02.22	B
S.W.	PRELIMINARY - FOR INFORMATION ONLY	11.02.22	A

WAREHOUSE ROOF FRAMING PLAN - Part 1

1: 100

DENOTES ZONE WITH ADDITIONAL FIXING REQUIRED TO ACHIEVE 1-210 RATING IN ACCORDANCE WITH FM GLOBAL REQUIREMENTS.

NOTE

PURLIN AND GIRT SPACINGS HAVE BEEN DESIGNED TO MEET FM GLOBAL REQUIREMENTS USING STRAMIT SPEED DECK ULTRA 0.48mm BMT

NOTE

STRUCTURE CAN ACCOMMODATE A SOLAR PANEL SYSTEM TO BE INSTALLED IN THE FUTURE.

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Design Coordinated
Authorised For Issue

Checked W.J.
Compliance Checked
Construction Checked

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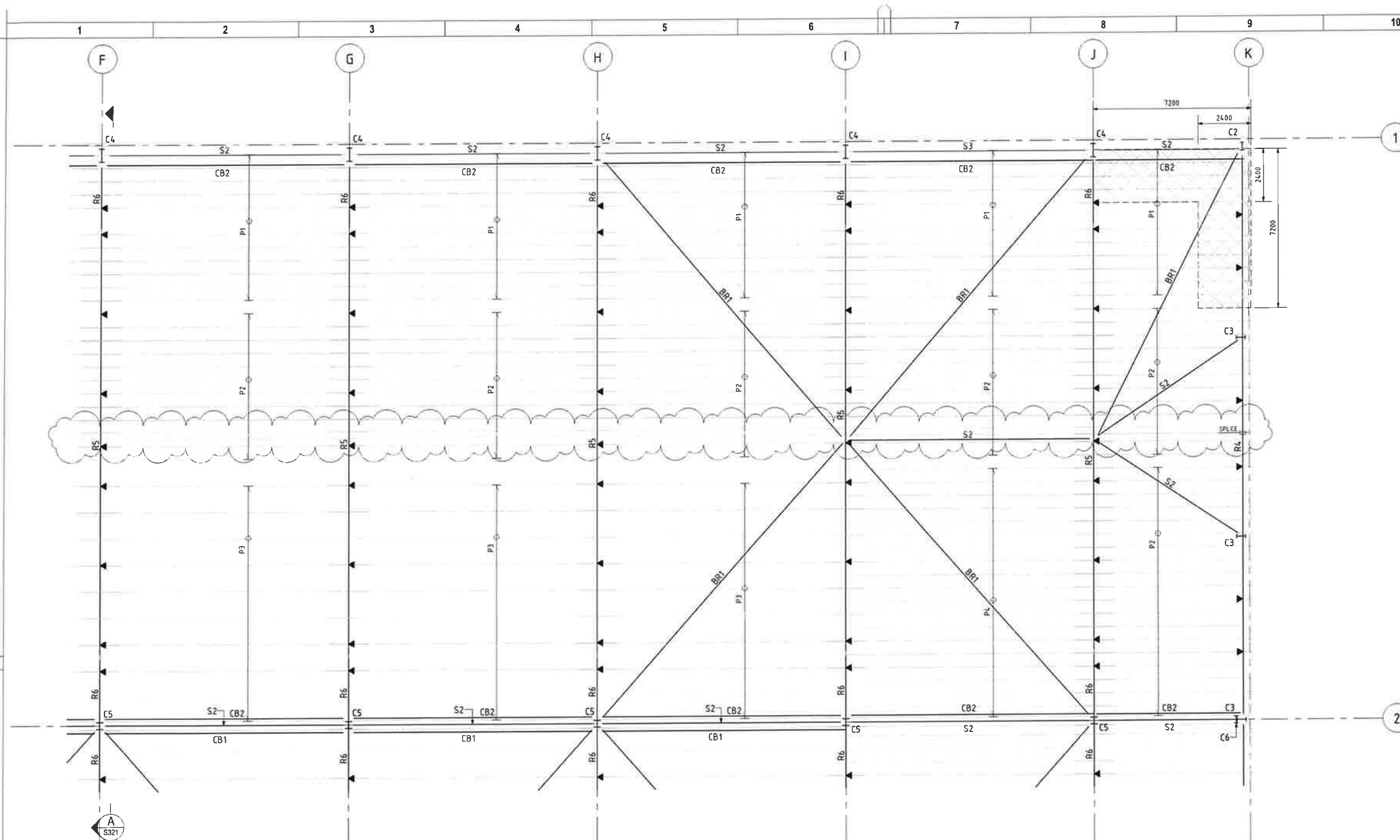
ROOF FRAMING PLAN - PART 1



Brisbane Airport Corporation Pty Ltd
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Design Ref / Project Ref / Discoping / Airport Precinct / Sub-Number
Drg No MCE / P210075 / S / 10 / S301

Plot Date & Time 7/04/2022 1:10:07 PM



WAREHOUSE ROOF FRAMING PLAN - Part 2

1: 100

--- DENOTES ZONE WITH ADDITIONAL FIXING REQUIRED TO ACHIEVE 1-210 RATING IN ACCORDANCE WITH FM GLOBAL REQUIREMENTS

NOTE
PURLIN AND GIRT SPACINGS HAVE BEEN DESIGNED TO MEET FM GLOBAL REQUIREMENTS USING STRAMIT SPEED DECK ULTRA 0.48mm BMT

NOTE
STRUCTURE CAN ACCOMMODATE A SOLAR PANEL SYSTEM TO BE INSTALLED IN THE FUTURE

FRAMING SCHEDULE		
MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GIRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY
B1	200PFC	BEAM
B2	250PFC	BEAM
BR1	10x6EA	ROOF BRACE BOVIE R6 HOOF FROM EVERY 2ND PURLIN
BR2	M20 ROD	ROOF BRACE COMPLETE WITH TENSIONERS
CB1	610UB101 + 380PFC	CRANE BEAM
CB2	530UB82 + 380PFC	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G2	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G3	SZ25024	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED 3 ROWS OF BRIDGING EACH BAY
G4	SZ25024	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX. CRS. LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G5	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX. CRS. LAP 1600 AS REQUIRED 4 ROWS OF BRIDGING EACH BAY
G6	C15015	GIRTS AT 1200 MAX. CRS. 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	610UB101	RAFTER
R7	180PFC	RAFTER
RA1	150PFC	RAFTER
RA1	100x10 EA	BRACING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT GRADE 350
S2	168x6 SCHS	STRUT GRADE 350
S3	219x4 SCHS	STRUT GRADE 350
S4	125x4 SHS	STRUT GRADE 350
S5	165x3 SCHS	STRUT GRADE 350
TG1	C10019	TRIMMING GIRT. FIX TO EACH PURLIN WITH 1/16" BOLT
TP1	SC25015	TRIMMER PURLIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4 SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	610UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3 SCHS	STEEL COLUMN
M2	89x5SHS	MULLION
50x5 0 EA		DENOTES ANIT-SWAY BRACE REFER TYPICAL DETAIL ON DRG No. 22003/S331

PURLIN SCHEDULE	
Mark	Description
P1	Lysaght SupaPurlin SZ25015 AT 600 with 2 rows of bridging each bay. Lap 1800
P2	Lysaght SupaPurlin SZ25015 AT 600 with 2 rows of bridging each bay. Lap 1800
P3	Lysaght SupaPurlin SZ25019 AT 1200 with 2 rows of bridging each bay. Lap 1800
P4	Lysaght SupaPurlin SZ25015 AT 1200 with 2 rows of bridging each bay. Lap 1800
P5	Lysaght SupaPurlin SZ20019 AT 1200 with 2 rows of bridging each bay. Lap 1800
P6	Lysaght SupaPurlin SZ25024 AT 600 with 2 rows of bridging each bay. Lap 1600
P7	Lysaght SupaPurlin SZ20015 AT 600 with 2 rows of bridging each bay. Lap 1200
P8	Lysaght SupaPurlin SZ20019 AT 600 with 2 rows of bridging each bay
P9	Lysaght SupaPurlin SC20024 AT 600 with 2 rows of bridging
P10	C15015 Purlins AT 600 with 1 row of bridging

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DRN	AMENDMENTS	11.02.22	A

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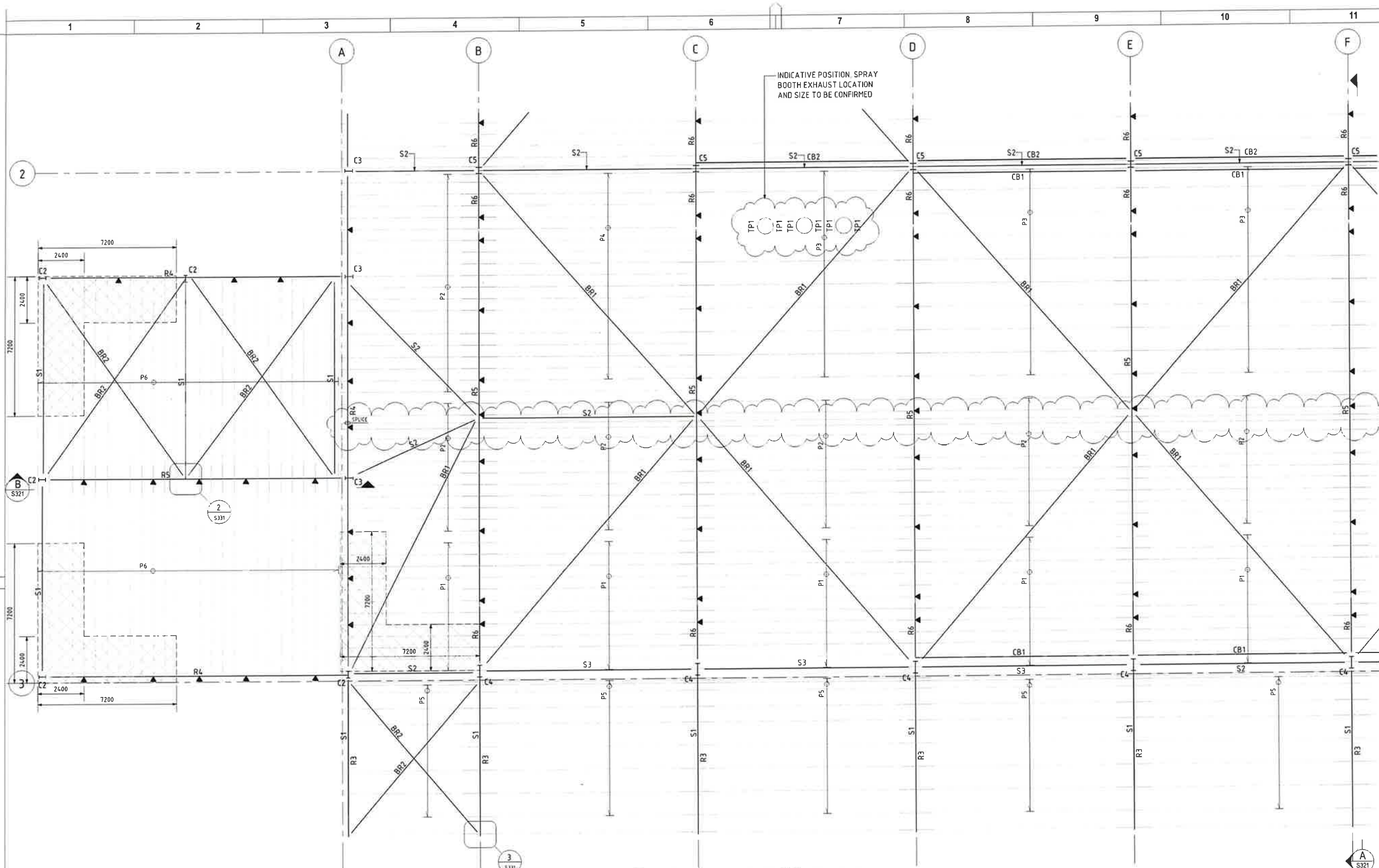
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WALLENUS WILHELMSEN WAREHOUSE EST010, PRIORS ROAD, BRISBANE AIRPORT

ROOF FRAMING PLAN - PART 2

Design Ref	Project Ref	Discipline	Project	Sub-Number
DRG No.	MCE	P210075	S	10
Scale	As indicated			
Size	A1			
Revision	E			



FRAMING SCHEDULE		
MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GIRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY
B1	250PFC	BEAM
B2	250PFC	BEAM
BR1	90x6EA	ROOF BRACE PROVIDE R6 HOOK FROM EVERY 2ND PURLIN
BR2	M20 ROD	ROOF BRACE COMPLETE WITH TENSIONERS
CB1	610UB101 + 380PFC	CRANE BEAM
CB2	530UB82 + 300PFC	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1800 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G2	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G3	SZ25024	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 3 ROWS OF BRIDGING EACH BAY
G4	SZ25024	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G5	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED 1 ROW OF BRIDGING EACH BAY
G6	C15015	GIRTS AT 1200 MAX CRS 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	610UB101	RAFTER
R7	180PFC	RAFTER
R8	150PFC	RAFTER
RA1	100x10 EA	BAKING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT GRADE 350
S2	168x6 4CHS	STRUT GRADE 350
S3	219x4 8CHS	STRUT GRADE 350
S4	125x4 5CHS	STRUT GRADE 350
S5	165x3 5CHS	STRUT GRADE 350
TG1	C10019	TRIMMING GIRTS FIX TO EACH PURLIN WITH 1/12 BOLT
TP1	SC25015	TRIMMER PURLIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4 SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	610UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3 5CHS	STEEL COLUMN
M2	89x5SHS	MULLION
▲	50x5 0 EA	DENOTES ANIT-SWAY BRACE REFER TYPICAL DETAIL ON DRG No. 22003/S331

PURLIN SCHEDULE	
Mark	Description
P1	Lysaght SupaPurlin SZ25015 AT 600 with 2 rows of bridging each bay Lap 1800
P2	Lysaght SupaPurlin SZ25015 AT 600 with 2 rows of bridging each bay Lap 1800
P3	Lysaght SupaPurlin SZ25019 AT 1200 with 2 rows of bridging each bay Lap 1800
P4	Lysaght SupaPurlin SZ25015 AT 1200 with 2 rows of bridging each bay Lap 1800
P5	Lysaght SupaPurlin SZ20019 AT 1200 with 2 rows of bridging each bay Lap 1800
P6	Lysaght SupaPurlin SZ25024 AT 600 with 2 rows of bridging each bay Lap 1600
P7	Lysaght SupaPurlin SZ20015 AT 600 with 2 rows of bridging each bay Lap 1200
P8	Lysaght SupaPurlin SZ20019 AT 600 with 2 rows of bridging each bay
P9	Lysaght SupaPurlin SC20024 AT 600 with 2 rows of bridging
P10	C15015 Purlins AT 600 with 1 row of bridging

WAREHOUSE ROOF FRAMING PLAN - Part 3

1 : 100
DENOTES ZONE WITH ADDITIONAL FIXING REQUIRED TO ACHIEVE 1-210 RATING IN ACCORDANCE WITH FM GLOBAL REQUIREMENTS

NOTE
PURLIN AND GIRT SPACINGS HAVE BEEN DESIGNED TO MEET FM GLOBAL REQUIREMENTS USING STRAMIT SPEED DECK ULTRA 0.48mm BMT

NOTE
STRUCTURE CAN ACCOMMODATE A SOLAR PANEL SYSTEM TO BE INSTALLED IN THE FUTURE

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DRN	AMENDMENTS	DATE	REV

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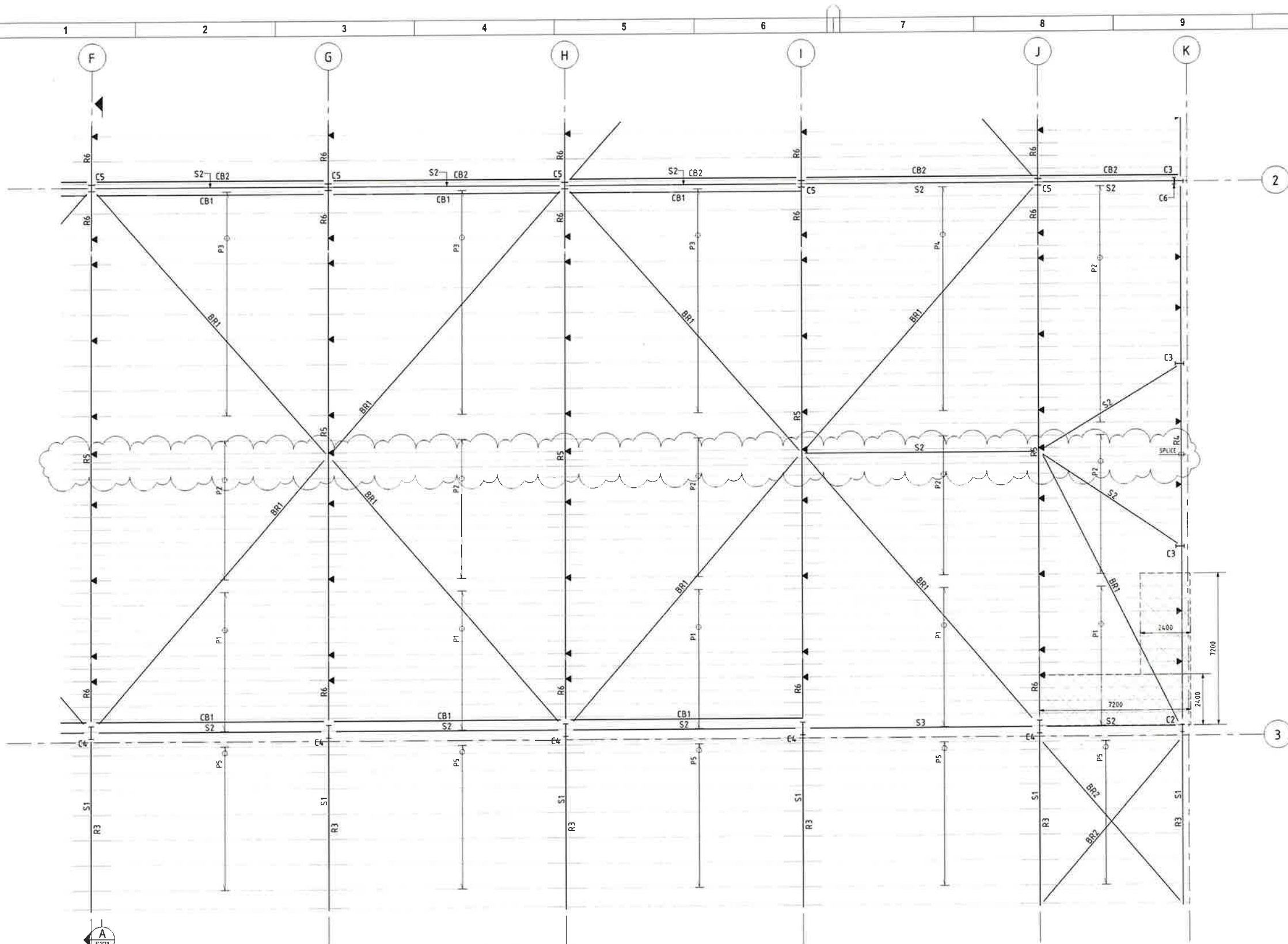
ROOF FRAMING PLAN - PART 3

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Design Ref: Project Ref: Discipline: Airport Precinct: Sub-Number:
Drg No: MCE / P210075 / S / 10 / S303

Scale: As indicated
Size: A1
Revision: E

Print Date & Time: 7/4/2022 4:19:20 PM



WAREHOUSE ROOF FRAMING PLAN - Part 4

1 : 100

DEMOTES ZONE WITH ADDITIONAL FIXING
REQUIRED TO ACHIEVE 1-210 RATING IN
ACCORDANCE WITH FM GLOBAL REQUIREMENTS.

NOTE

PURLIN AND GIRT SPACINGS HAVE BEEN DESIGNED
TO MEET FM GLOBAL REQUIREMENTS USING
STRAMIT SPEED DECK ULTRA 0.48mm BMT

NOTE

STRUCTURE CAN ACCOMMODATE A SOLAR PANEL
SYSTEM TO BE INSTALLED IN THE FUTURE

FRAMING SCHEDULE

MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GIRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY
B1	200PFC	BEAM
B2	250PFC	BEAM
BR1	90x6EA	DOOR BRACE PROVIDE R6 HOOK FROM EVERY 2ND PURLIN
BR2	M20 ROD	ROOF BRACE COMPLETE WITH TENSIONERS
CB1	410UB101 + 380PFC	CRANE BEAM
CB2	530UB82 + 300PFC	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1800 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G2	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G3	SZ25024	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED 3 ROWS OF BRIDGING EACH BAY
G4	SZ25024	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED 2 ROWS OF BRIDGING EACH BAY
G5	SZ25019	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED 1 ROW OF BRIDGING EACH BAY
G6	C15015	GIRTS AT 1200 MAX CRS 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	410UB101	RAFTER
R7	180PFC	RAFTER
R8	150PFC	RAFTER
RA1	100x10 EA	BRACING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT GRADE 350
S2	168x6.4CHS	STRUT GRADE 350
S3	219x6.4CHS	STRUT GRADE 350
S4	125x4.5HS	STRUT GRADE 350
S5	165x3.5CHS	STRUT GRADE 350
TG1	C10019	TRIMMER GIRT FIX TO EACH PURLIN WITH 1/2" BOLT
TP1	SC25015	TRIMMER PURLIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	410UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3.5CHS	STEEL COLUMN
M2	89x5SHS	MULLION
▲	50x5 0 EA	DENOTES ANIT-SWAY BRACE REFER TYPICAL DETAIL ON DRG No 22003/5331

PURLIN SCHEDULE

Mark	Description
P1	Lysaght Supapurlin SZ25015 AT 600 with 2 rows of bridging each bay. Lap 1800
P2	Lysaght Supapurlin SZ25015 AT 600 with 2 rows of bridging each bay. Lap 1800
P3	Lysaght Supapurlin SZ25019 AT 1200 with 2 rows of bridging each bay. Lap 1800
P4	Lysaght Supapurlin SZ25015 AT 1200 with 2 rows of bridging each bay. Lap 1800
P5	Lysaght Supapurlin SZ20019 AT 1200 with 2 rows of bridging each bay. Lap 1800
P6	Lysaght Supapurlin SZ25024 AT 600 with 2 rows of bridging each bay. Lap 1600
P7	Lysaght Supapurlin SZ20015 AT 600 with 2 rows of bridging each bay. Lap 1200
P8	Lysaght Supapurlin SZ20019 AT 600 with 2 rows of bridging each bay
P9	Lysaght Supapurlin SC20024 AT 600 with 2 rows of bridging
P10	C15015 Purlins AT 600 with 1 row of bridging

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S.W.	17.03.22	D
S.W.	07.03.22	C
S.W.	24.02.22	B
S.W.	11.02.22	A
DRN	AMENDMENTS	

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Drawn
S.W.

Design Coordinated

Authorised For Issue

Checked
W.J.

Compliance Checked

Construction Checked

WALLENUS WILHELMSEN WAREHOUSE EST010, PRIORS
ROAD, BRISBANE AIRPORT

ROOF FRAMING PLAN - PART 4



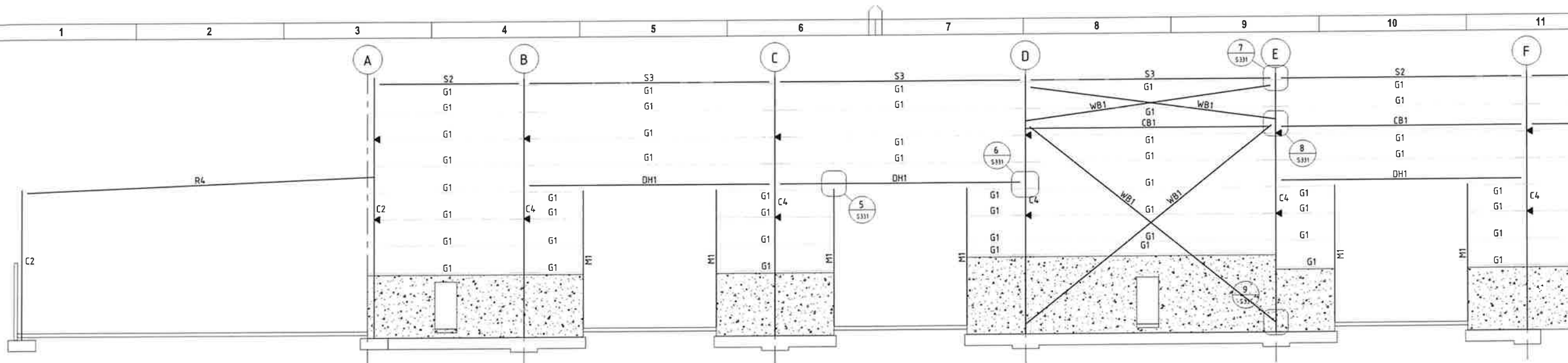
Brisbane Airport Corporation Pty Ltd
11 The Curtis Brisbane Airport QLD 4008
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Telephone: 61 7 3408 2000
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Design Ref / Project Ref / Discipline / Airport Precinct / Sub-Number

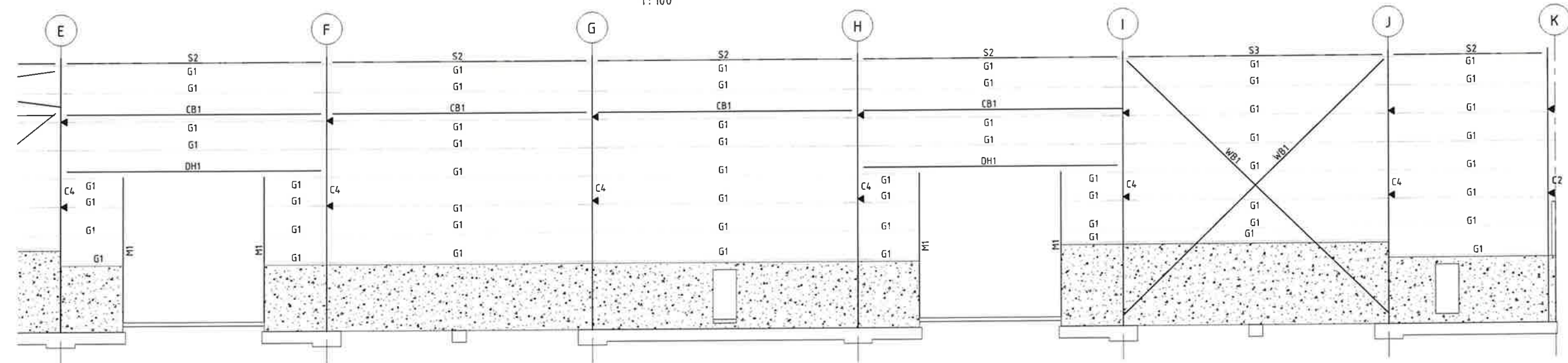
Drp. No. MCE / P210075 / S / 10 / S304

Plot Date & Time

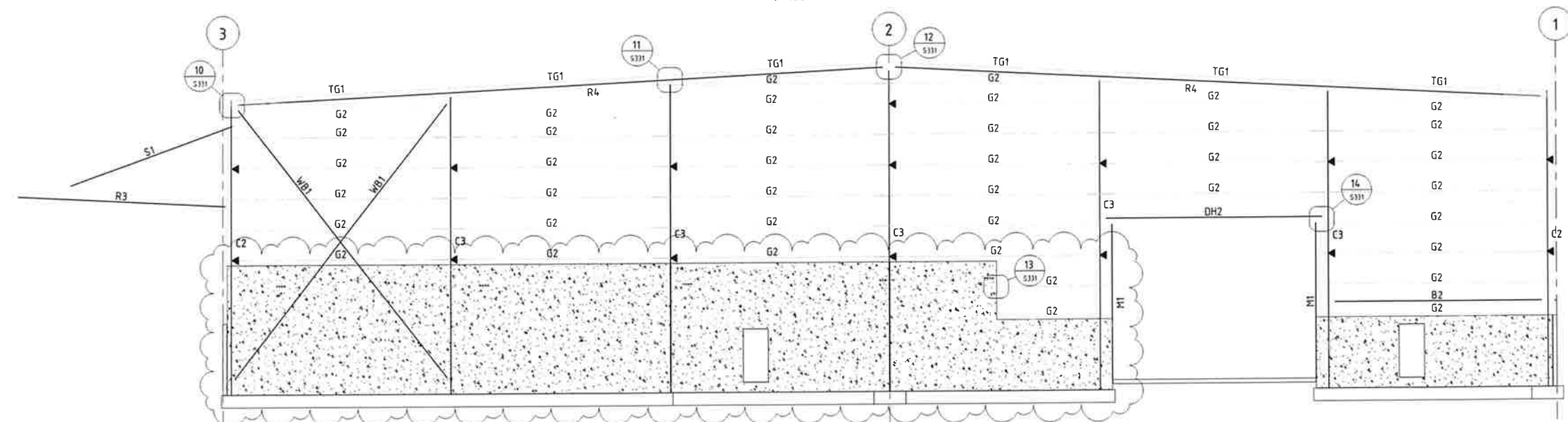
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WAREHOUSE EAST ELEVATION - PART 1
1: 100



WAREHOUSE EAST ELEVATION - PART 2
1: 100



WAREHOUSE NORTH ELEVATION
1: 100

FRAMING SCHEDULE		
MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY.
B1	200PFC	BEAM
B2	250PFC	BEAM
BR1	90x6EA	ROOF BRACE PROVIDE R6 HOOK FROM EVERY 2ND PURLIN
BR2	M20 ROD	ROOF BRACE COMPLETE WITH TENSIONERS
CB1	610UB101 + 300PFC	CRANE BEAM
CB2	530UB82 + 300PFC	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	SZ25019	GRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1800 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G2	SZ25019	GRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G3	SZ25024	GRTS LYSAGHT SUPAPURLIN AT 1200 MAX CRS LAP 1600 AS REQUIRED. 3 ROWS OF BRIDGING EACH BAY.
G4	SZ25024	GRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G5	SZ25019	GRTS LYSAGHT SUPAPURLIN AT 900 MAX CRS LAP 1600 AS REQUIRED. 1 ROW OF BRIDGING EACH BAY.
G6	C15015	GRTS AT 1200 MAX CRS 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	610UB101	RAFTER
R7	180PFC	RAFTER
R8	150PFC	RAFTER
RA1	100x10 EA	RAKING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT GRADE 350
S2	168x6 CHS	STRUT GRADE 350
S3	219x4 CHS	STRUT GRADE 350
S4	125x4 SHS	STRUT GRADE 350
S5	165x3 SCHS	STRUT GRADE 350
TG1	C10019	TRIMMER GIRT FIX TO EACH PURLIN WITH 1/12 BOLT
TP1	SC25015	TRIMMER PURLIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4 SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	610UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3 SCHS	STEEL COLUMN
M2	89x5SHS	MULLION
▲	50x5 0 EA	DENOTES ANIT-SWAY BRACE REFER TYPICAL DETAIL ON DRG No 22003/S331

NOTE
PURLIN AND GRT SPACINGS HAVE BEEN DESIGNED TO MEET FM GLOBAL REQUIREMENTS USING STRAMIT SPEED DECK ULTRA 0.48mm BMT

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	S.W.	GENERAL AMENDMENTS	21.04.22	F
	S.W.	AMENDMENTS AS CLOUDED	07.04.22	E
	S.W.	CONSTRUCTION ISSUE	17.03.22	D
	S.W.	PRE CONSTRUCTION ISSUE	07.03.22	C
	S.W.	PRELIMINARY	24.02.22	B
DRN	PRELIMINARY - FOR INFORMATION ONLY		11.02.22	A
	AMENDMENTS		DATE	REV

HUTCHINSON BUILDERS

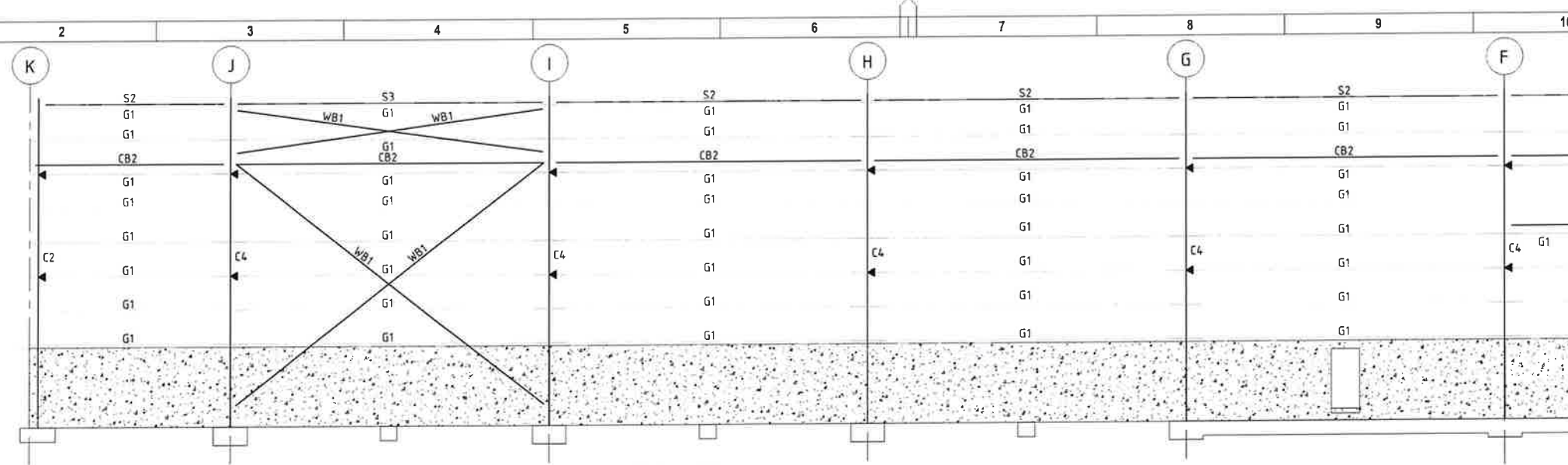
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Drawn S.W.	Checked W.J.
Design Coordinated	Compliance Checked
Authorised For Issue	Construction Checked

WALLONIUS WILHELMSEN WAREHOUSE EST010, PRIORS ROAD, BRISBANE AIRPORT

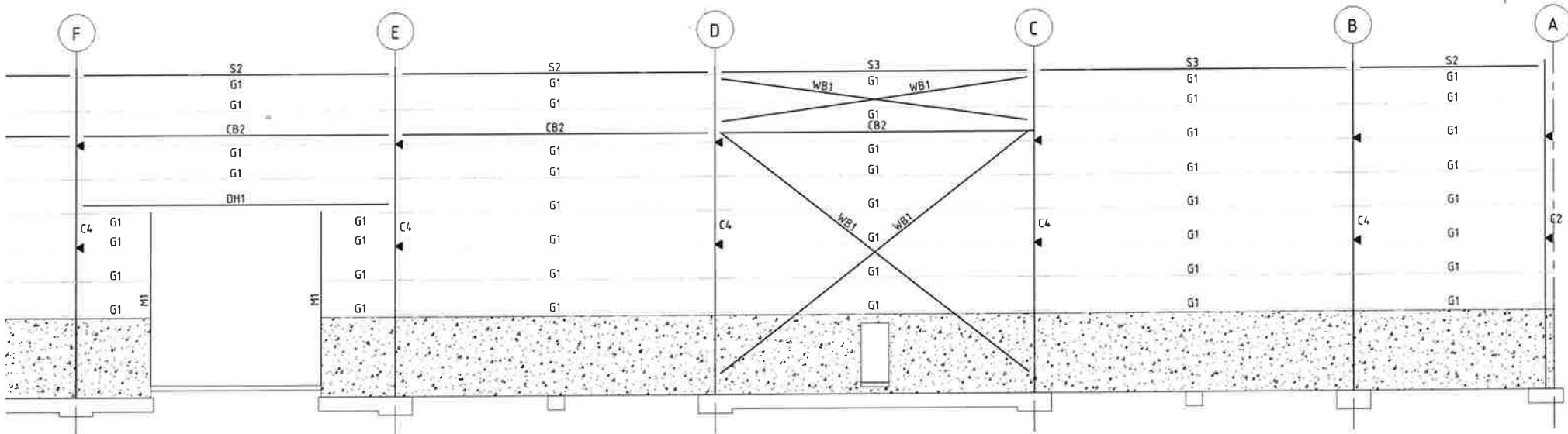
FRAMING ELEVATIONS - SHEET 1

Brisbane Airport Corporation Pty Ltd 11 The Central Brisbane Airport QLD 4008 PO Box 64 Henderson QLD 4017 Australia Telephone: 61 7 3426 2000 Facsimile: 61 7 3426 3117 Email: info@brisbaneairport.com.au 0800 64 376 670 650		Scale As indicated
Design Ref: Project Ref: Discipline: Airport Precinct: Sub-Number		Revision A1
Drg No: MCE / P210075 / S / 10 / S331		Revision G



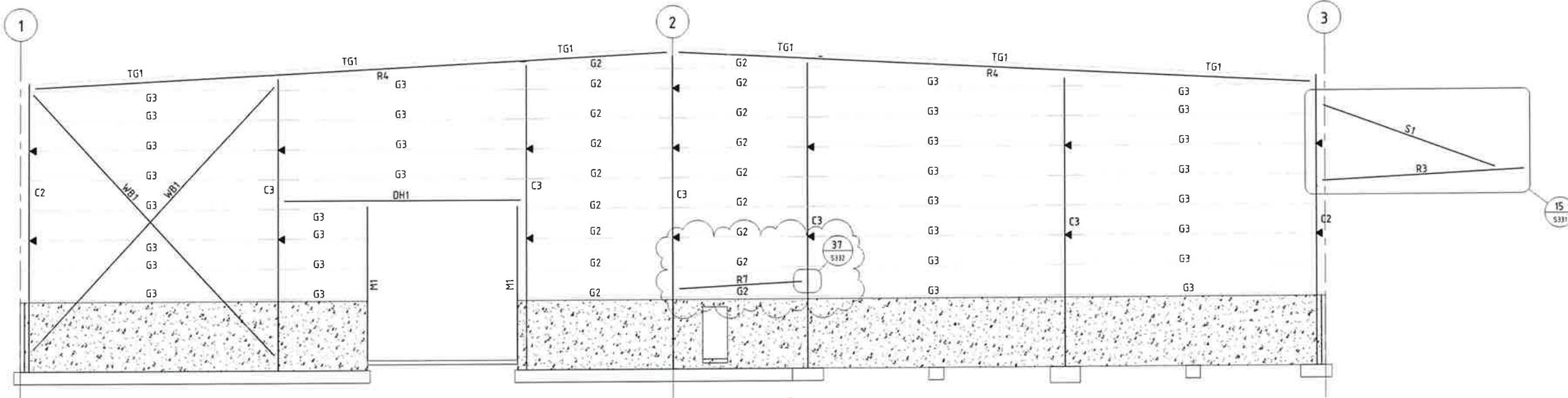
WAREHOUSE WEST ELEVATION - PART 1

1: 100



WAREHOUSE WEST ELEVATION - PART 2

1: 100



WAREHOUSE SOUTH ELEVATION

1: 100

FRAMING SCHEDULE		
MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GIRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY
B1	250PFC	BEAM
B2	250PFC	BEAM
BR1	90x6EA	ROOF BRACE, PROVIDE RS HOOK FROM EVERY 2ND PURLIN
BR2	M20 ROD	ROOF BRACE COMPLETE WITH TENSIONERS
CB1	610UB101 + 380PFC	CRANE BEAM
CB2	530UB92 + 300PFC	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	SZ25019	GIRTS, LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G2	SZ25019	GIRTS, LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G3	SZ25024	GIRTS, LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED. 3 ROWS OF BRIDGING EACH BAY.
G4	SZ25024	GIRTS, LYSAGHT SUPAPURLIN AT 900 MAX. CRS. LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G5	SZ25019	GIRTS, LYSAGHT SUPAPURLIN AT 900 MAX. CRS. LAP 1600 AS REQUIRED. 1 ROW OF BRIDGING EACH BAY.
G6	C15015	GIRTS AT 1200 MAX CRS 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	610UB101	RAFTER
R7	180PFC	RAFTER
R8	150PFC	RAFTER
RA1	100x10 EA	SAKING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT, GRADE 350
S2	168x6.4CHS	STRUT, GRADE 350
S3	219x6.8CHS	STRUT, GRADE 350
S4	125x4.5SHS	STRUT, GRADE 350
S5	165x3.5CHS	STRUT, GRADE 350
TG1	C10019	TRIMMING GIRTS, FIX TO EACH PURLIN WITH 1/2" BOLT
TP1	SC25015	TRIMMER PULIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4.5SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	610UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3.5CHS	STEEL COLUMN
M2	89x5SHS	MULLION
▲	50x5 0 EA	DENOTES ANIT-SWAY BRACE REFER TYPICAL DETAIL ON DRG. No 22003/S331

NOTE
PURLIN AND GIRTS SPACINGS HAVE BEEN DESIGNED TO MEET FM GLOBAL REQUIREMENTS USING STRAMIT SPEED DECK ULTRA 0.48mm BMT

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SW.	AMENDMENTS AS CLOUDED	DATE	REV
SW.	CONSTRUCTION ISSUE	07.04.22	E
SW.	PRE CONSTRUCTION ISSUE	17.03.22	D
SW.	PRELIMINARY	07.03.22	C
SW.	PRELIMINARY - FOR INFORMATION ONLY	24.02.22	B
DRN	AMENDMENTS	11.02.22	A

HUTCHINSON BUILDERS

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E: email@morgance.com.au
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PADDINGTON QLD 4064

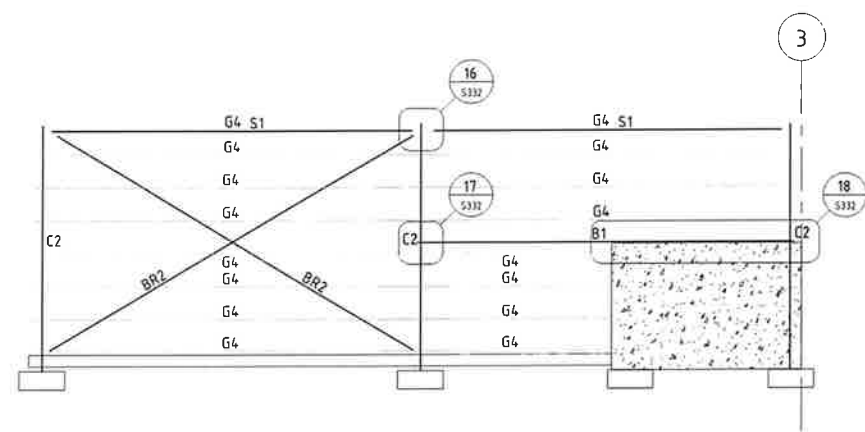
Drawn S.W.	Checked W.J.
Design Coordinated	Compliance Checked
Authorised For Issue	Construction Checked

WALLENUS WILHELMSEN WAREHOUSE EST010, PRIORS ROAD, BRISBANE AIRPORT

FRAMING ELEVATIONS - SHEET 2

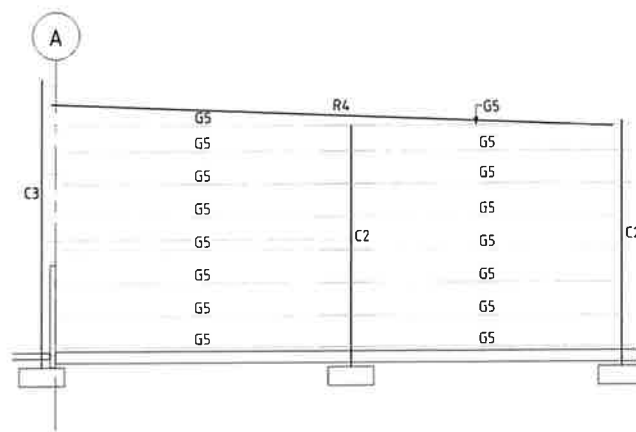
Design Ref	Project Ref	Discipline	Revision	Sub-Number
MCE	P210075	S	10	S312

Plot Date & Time 7/04/2022 3:43 PM



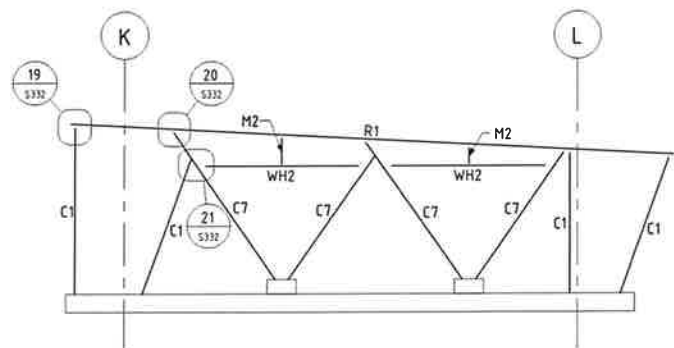
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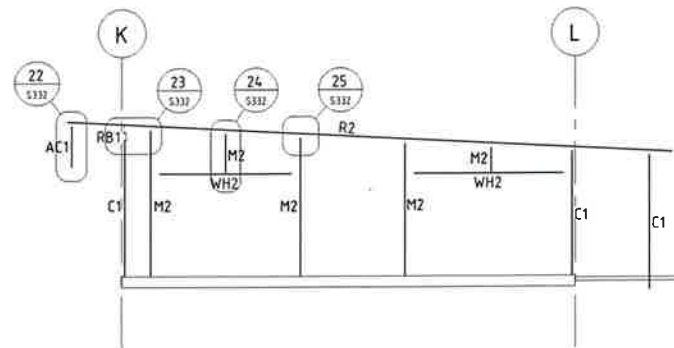
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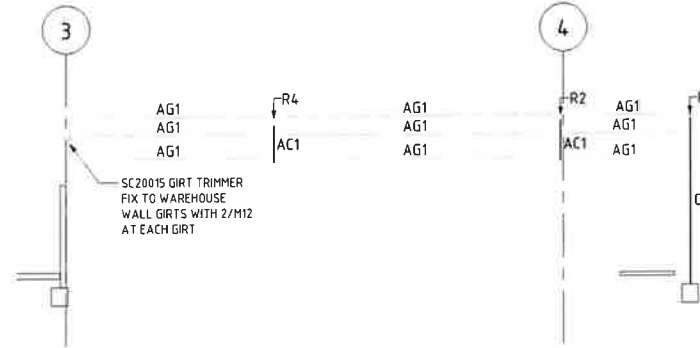
OFFICE EAST ELEVATION

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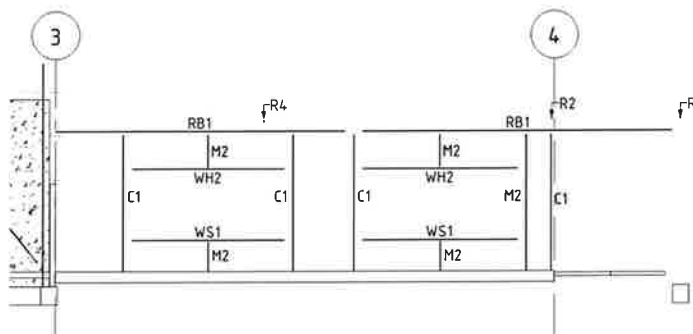
OFFICE EAST WALL ELEVATION

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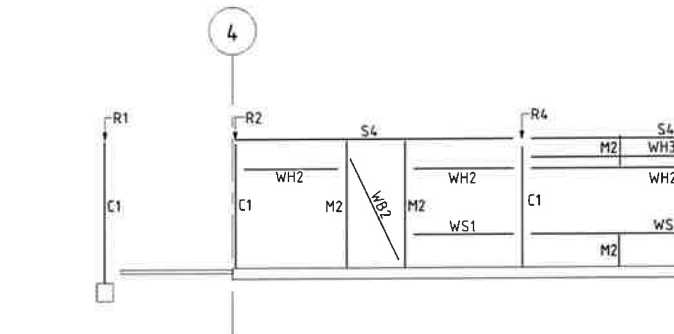
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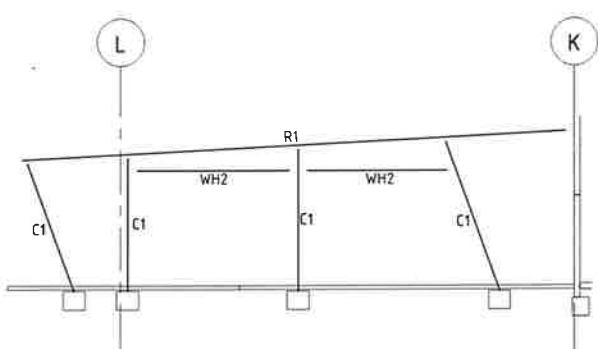
OFFICE SOUTH WALL ELEVATION

1: 100



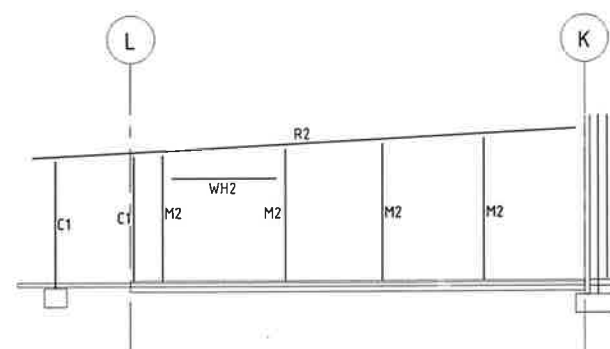
OFFICE NORTH ELEVATION

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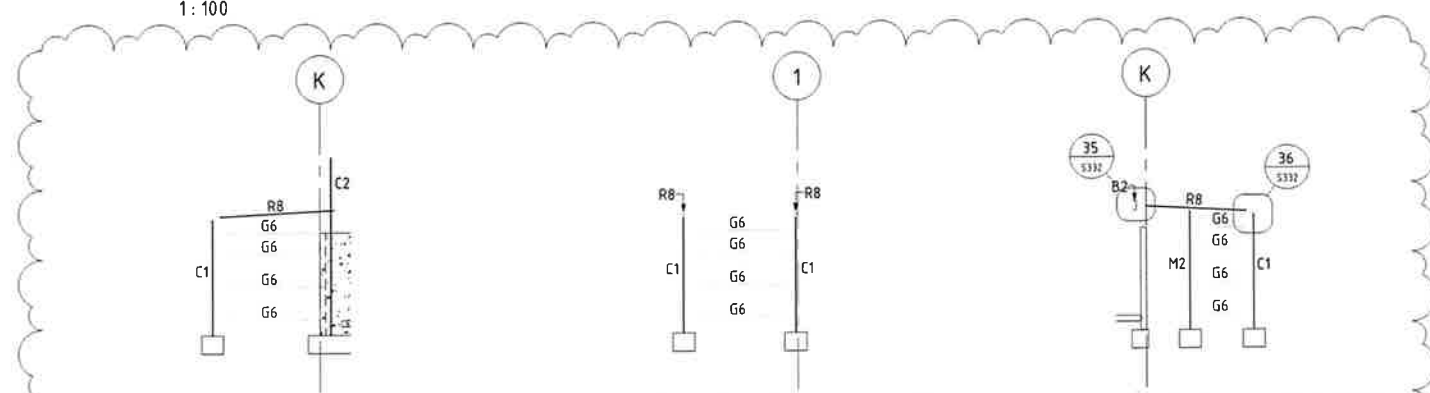
OFFICE WEST ELEVATION

1: 100



OFFICE WEST WALL ELEVATION

1: 100



TANK PUMP WEST ELEVATION

1: 100

TANK PUMP NORTH ELEVATION

1: 100

TANK PUMP EAST ELEVATION

1: 100

FRAMING SCHEDULE

MARK	SIZE	DESCRIPTION
AG1	SC20019	AWNING GIRTS LYSAGHT SUPAPURLIN WITH 2 ROWS OF BRIDGING EACH BAY
B1	200PFC	BEAM
B2	250PFC	BEAM
BR1	90x6EA	ROOF BRACE BOVIDE R6 HOOR+FROM EVERY 2ND PURLIN
BR2	M20 ROD	ROOF BRACE COMPLETE WITH TENSIONERS
CB1	610UB101 - 380PFC	CRANE BEAM
CB2	530UB82 - 300PFC	CRANE BEAM
DH1	250UC73	DOOR HEAD
DH2	250PFC	DOOR HEAD
G1	S225019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1800 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G2	S225019	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G3	S225024	GIRTS LYSAGHT SUPAPURLIN AT 1200 MAX. CRS. LAP 1600 AS REQUIRED. 3 ROWS OF BRIDGING EACH BAY.
G4	S225024	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX. CRS. LAP 1600 AS REQUIRED. 2 ROWS OF BRIDGING EACH BAY.
G5	S225019	GIRTS LYSAGHT SUPAPURLIN AT 900 MAX. CRS. LAP 1600 AS REQUIRED. 1 ROW OF BRIDGING EACH BAY.
G6	C15015	GIRTS AT 1200 MAX. CRS. 1 ROW OF BRIDGING
M1	250PFC	MULLION
R1	200PFC	RAFTER
R2	250UB25	RAFTER
R3	310UB32	RAFTER
R4	360UB45	RAFTER
R5	410UB54	RAFTER
R6	610UB101	RAFTER
R7	180PFC	RAFTER
R8	150PFC	RAFTER
RA1	180x10 EA	BAKING ANGLE
RB1	200PFC	ROOF BEAM
S1	139x3 SCHS	STRUT. GRADE 350
S2	168x5 4CHS	STRUT. GRADE 350
S3	219x4 8CHS	STRUT. GRADE 350
S4	125x4 SHS	STRUT. GRADE 350
S5	165x3 SCHS	STRUT. GRADE 350
TG1	C10019	TRIMMING GIRTS FIX TO EACH PURLIN WITH 1/12 BOLT
TP1	SC25015	TRIMMER PURLIN
WB1	90x6EA	WALL BRACE
WB2	89x5SHS	WALL BRACE
WH2	89x5SHS	WINDOW HEAD
WH3	200PFC	WINDOW HEAD
WH4	150PFC	WINDOW HEAD
WS1	89x5SHS	WINDOW SILL
AC1	100x4 SHS	AWNING COLUMN
C1	89x5SHS	STEEL COLUMN
C2	360UB45	STEEL COLUMN
C3	410UB54	STEEL COLUMN
C4	610UB101	STEEL COLUMN
C5	310UC97	STEEL COLUMN
C6	310UB40	STEEL COLUMN
C7	165x3 SCHS	STEEL COLUMN
M2	89x5SHS	MULLION

NOTE

PURLIN AND GIRTS SPACINGS HAVE BEEN DESIGNED TO MEET FM GLOBAL REQUIREMENTS USING STRAMIT SPEED DECK ULTRA 0.48mm BMT

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HUTCHINSON BUILDERS

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WALLENUS WILHELMSEN WAREHOUSE EST010, PRIORS ROAD, BRISBANE AIRPORT

FRAMING ELEVATIONS - SHEET 3

BRISBANE AIRPORT CORPORATION PTY LTD 11 The Central Brisbane Airport QLD 4008 Telephone: +61 7 3406 9000 Facsimile: +61 7 3406 3111 Email: info@brisbaneairport.com.au 1800 54 376 470 470	Scale 1: 100 Size A1 Revision C
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