

WATERFRONT WAREHOUSE REDEVELOPMENT

JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS

DRAWING INDEX

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S1.02	FOOTINGS AND SLABS SECTIONS AND DETAILS
S1.03	FOOTINGS AND SLABS SECTIONS
S1.04	EXTERNAL STAIR 1 & 2 PART PLAN AND SECTIONS
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S3.01	WALL FRAMING AND BRACING LAYOUT PLAN - GROUND FLOOR
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S5.01	ROOF TRUSS LAYOUT PLAN, SECTIONS AND DETAILS
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S6.01	GROUND FLOOR REMOVAL WALL PLAN
S6.02	FIRST FLOOR REMOVAL WALL PLAN

GENERAL -				
1. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANT'S DRAWINGS AND SPECIFICATIONS.				
2. ALL DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR A DECISION BEFORE PROCEEDING WITH THE WORK.				
3. DO NOT SCALE FROM THE DRAWINGS.				
4. REFER TO ARCHITECTURAL DRAWINGS FOR SETTING OUT DETAILS.				
5. COMPLY WITH THE LATEST AUSTRALIAN STANDARDS AND AMENDMENTS.				
6. THE CONTRACTOR SHALL ENSURE THE STABILITY OF THE STRUCTURE AND SAFETY TO PERSONNEL DURING ALL PHASES OF CONSTRUCTION. NO PART OF THE STRUCTURE SHALL BE OVERSTRESSED BY EXCESSIVE CONSTRUCTION LOADINGS.				
7. PROVIDE SAFETY ATTACHMENTS FOR CONSTRUCTION AND FUTURE MAINTENANCE OF ROOF TO COMPLY WITH WORKSAFE REQUIREMENTS.				
8. LEVELS SHOWN ON THE STRUCTURAL DRAWINGS ARE INDICATIVE ONLY. REFER TO ARCH'S DRAWINGS FOR FFL/FPL.				
CONCRETE -				
1. ALL MATERIALS AND EXECUTION SHALL COMPLY WITH AS 3600 & AS 1379.				
2. BUILD FORMWORK TO AS 3610 FROM THE ARCHITECTURAL DRAWINGS, CHECK FOR BUILT IN FIXINGS, REBATES, TIES, FLASHINGS, ELECTRICAL FITTINGS AND PLUMBING ETC.				
3. CURE ALL CONCRETE FOR SEVEN DAYS AFTER PLACING BY PONDING OR BY OTHER APPROVED MEANS.				
4. COVER TO REINFORCEMENT UNLESS OTHERWISE SHOWN SHALL BE				
-	FOOTINGS		60mm	
-	SLABS ON GROUND	(INTERNAL)	40mm	
5. COMPACT CONCRETE USING APPROVED INTERNAL VIBRATORS.				
6. ALL CONCRETE SHALL BE SUPPLIED BY AN APPROVED PRE-MIX COMPANY AS FOLLOWS -				
	PAD FOOTINGS	GRADE	SLUMP	MAX. AGG.
	SLABS ON GROUND	N25	80mm	20mm
	(INTERNAL)	N32	80mm	20mm
	SLABS ON GROUND	N32	80mm	20mm
	(EXTERNAL)			
7. NOTIFY THE SUPERINTENDENT AT LEAST 24 HOURS BEFORE PLACING CONCRETE.				
TIMBER TREATMENT -				
1. TIMBER ABOVE GROUND, EXPOSED TO WEATHER TO BE H3 TREATED.				
2. RECYCLE EXISTING JARRAH FROM DEMOLISHED WALLS.				
3. ALL TIMBER FIXINGS ARE TO BE STAINLESS STEEL.				

STEELWORK -				
1. COMPLY WITH AS 4100 AND AS 1554.				
2. MINIMUM STEELWORK GRADES:				
HOT ROLLED SECTIONS & FLAT BAR - GRADE 300 TO AS/NZS 3679.1				
RECTANGULAR HOLLOW SECTIONS - GRADE 350 TO AS/NZS 1163 U.N.O.				
SQUARE HOLLOW SECTIONS - GRADE 350 TO AS/NZS 1163 U.N.O.				
CIRCULAR HOLLOW SECTIONS - GRADE 250 TO AS/NZS 1163 U.N.O.				
3. SITE CHECK ALL DIMENSIONS.				
4. PROVIDE ALL CLEATS, BRACKETS, WELDING AND HOLING, EVEN IF NOT SHOWN, NECESSARY FOR THE COMPLETION OF THE BUILDING.				
5. MINIMUM WELDS ARE TO BE 6mm FILLET WELDS. U.N.O.				
6. FULLY SEAL ALL HOLLOW SECTIONS USING 3mm PLATES U.N.O.				
7. SURFACE TREATMENT TO STEELWORK SHALL BE AS FOLLOWS:				
a. ALL STEELWORK INCLUDED WITHIN THE CEILING SPACE OR EXPOSED WITHIN THE BUILDING SHALL BE DURAGAL TREATED OR INORGANIC ZINC SILICATE PAINTED TO MINIMUM OF 75 MICRONS OR GALVANISED LIGHT STEEL SECTIONS.				
b. ALL STEELWORK EXPOSED TO WEATHER SHALL BE PAINT TREATED TO AS 2312:2014 AS OUTLINED BELOW AS SPECIFIED:				
PRIMER:				
ABRASIVE BLAST CLEAN TO CLASS 2 1/2 OF AS 1627.4 WITH A BLAST PROFILE OF 20 - 50 MICRONS.				
APPLY TO A MINIMUM DRY FILM THICKNESS OF 75 MICRONS, AN ORGANIC ZINC RICH PRIMER TO AS 3750.9 CONFORMING TO AS 2312 (PRN C02). AN EXAMPLE OF PAINT COMPLYING WITH THESE REQUIREMENTS IS DULUX ZINCANODE 402. ALTERNATIVELY, A SIMILAR PRODUCT EQUIVALENT IN FUNCTION AND QUALITY MAY BE SUBMITTED FOR APPROVAL TO THE SUPERINTENDENT.				
INTERMEDIATE COAT:				
APPLY AN INTERMEDIATE EPOXY COATING (PRN C13A), SUCH AS DULUX DUREMAX GFX TO A MINIMUM DRY FILM THICKNESS OF 200 MICRONS (OR A SIMILAR PROTECTION PRODUCT EQUIVALENT IN FUNCTION AND QUALITY TO THE APPROVAL OF THE SUPERINTENDENT - MANUFACTURER TO SPECIFY MINIMUM DRY THICKNESS). COATING SHOULD BE WHITE IN COLOUR UNLESS OTHERWISE NOMINATED.				
TOP COATS:				
THE FINAL HIGH BUILD TOP COAT (PRN C15) OF MINIMUM 75 MICRONS SHALL BE APPLIED OVER THE INTERMEDIATE COAT, ENSURE EVENNESS OF COLOUR. DULUX WEATHERMAX HBR COMPLIES WITH THESE REQUIREMENTS. ALTERNATIVELY, A SIMILAR PRODUCT EQUIVALENT IN FUNCTION AND QUALITY MAY BE SUBMITTED FOR APPROVAL TO THE SUPERINTENDENT. CONSULT THE ARCHITECTURAL DRAWINGS AND SPECIFICATION FOR COLOUR REQUIREMENTS.				
8. ALL STEELWORK BELOW FFL OR FGL TO BE COATED WITH DULUX 'DUREMAX GFX' OR EQUIVALENT APPROVED COMPLYING WITH AS2312, HAVING A MINIMUM DRY FILM THICKNESS OF 400 MICRONS.				
9. ALL BOLTS, NUTS AND WASHERS TO BE HOT DIP GALVANISED OR STAINLESS STEEL AS SPECIFIED.				
10. GROUT ALL BASE PLATES WITH A DRY 3:1 SAND CEMENT MIX.				
11. SEAL ALL VENT HOLES IN HOT DIP GALVANIZED TUBULAR MEMBERS WITH A POLYURETHANE SEALANT PRIOR TO ERECTING THEM.				

DESIGN CRITERIA -				
- DESIGN EVENT CRITERIA IN ACCORDANCE WITH AS/NZS 1170.0:2002				
• IMPORTANCE LEVEL 2				
• DESIGN LIFE: 50 YEARS				
- PERMANENT AND IMPOSED ACTIONS IN ACCORDANCE WITH AS/NZS 1170.1:2002:				
• IMPOSED FLOOR ACTION = 3.0kPa				
• IMPOSED BALCONY FLOOR ACTION = 2kPa				
• IMPOSED ROOF ACTION = 0.25kPa				
- WIND ACTIONS IN ACCORDANCE WITH AS/NZS 1170.2:2021:				
• ANNUAL PROBABILITY OF EXCEEDANCE				
- ULTIMATE = 1/500				
- SERVICEABILITY = 1/25				
• WIND REGION 'C'				
• TERRAIN CATEGORY 1.0: $M_{z,cat} = 0.98$				
• NO SHIELDING: $M_s = 1.0$				
• NO TOPOGRAPHIC MULTIPLIER: $M_t = 1.0$				
• CLIMATE CHANGE MULTIPLIER: $M_c = 1.05$				
• ULTIMATE REGIONAL WIND VELOCITY ($V_{R,u}$) = 66m/s				
• SERVICEABILITY REGIONAL WIND VELOCITY ($V_{R,s}$) = 45m/s				
• INTERNAL PRESSURE COEFFICIENTS = +0.7, -0.7				
- DESIGN WIND PRESSURES FOR WINDOWS IN ACCORDANCE WITH AS 2047-2014:				
• SERVICEABILITY: 2000Pa				
• ULTIMATE: 5000Pa				
- FOOTINGS AND SLABS ON GROUND TO SITE CLASS 'A' IN ACCORDANCE WITH AS2870-2011.				
- EARTHQUAKE ACTIONS IN ACCORDANCE WITH AS 1170.4-2007:				
• ANNUAL PROBABILITY OF EXCEEDANCE 1/500				
• PROBABILITY FACTOR (K_p) = 1.0				
• EARTHQUAKE HAZARD FACTOR (Z) = 0.08				
• SITE SUBSOIL CLASS = C_e				
• EARTHQUAKE DESIGN CATEGORY I ($K_pZ = 0.08$, Cl. 5.4.2.3.)				
- DURABILITY CRITERIA FOR ABOVE GROUND EXTERIOR ENVIRONMENTS:				
• REINFORCED CONCRETE EXPOSURE CLASSIFICATION TO AS 3600: B2				
• STRUCTURAL STEEL ATMOSPHERIC CORROSIVITY CATEGORY TO AS/NZS 2312: C5 (VERY HIGH)				
• BRICK AND BLOCKWORK EXPOSURE ENVIRONMENT TO AS 3700: SEVERE MARINE				
• DURABILITY CLASS FOR BUILT IN COMPONENTS TO AS 3700: R4				

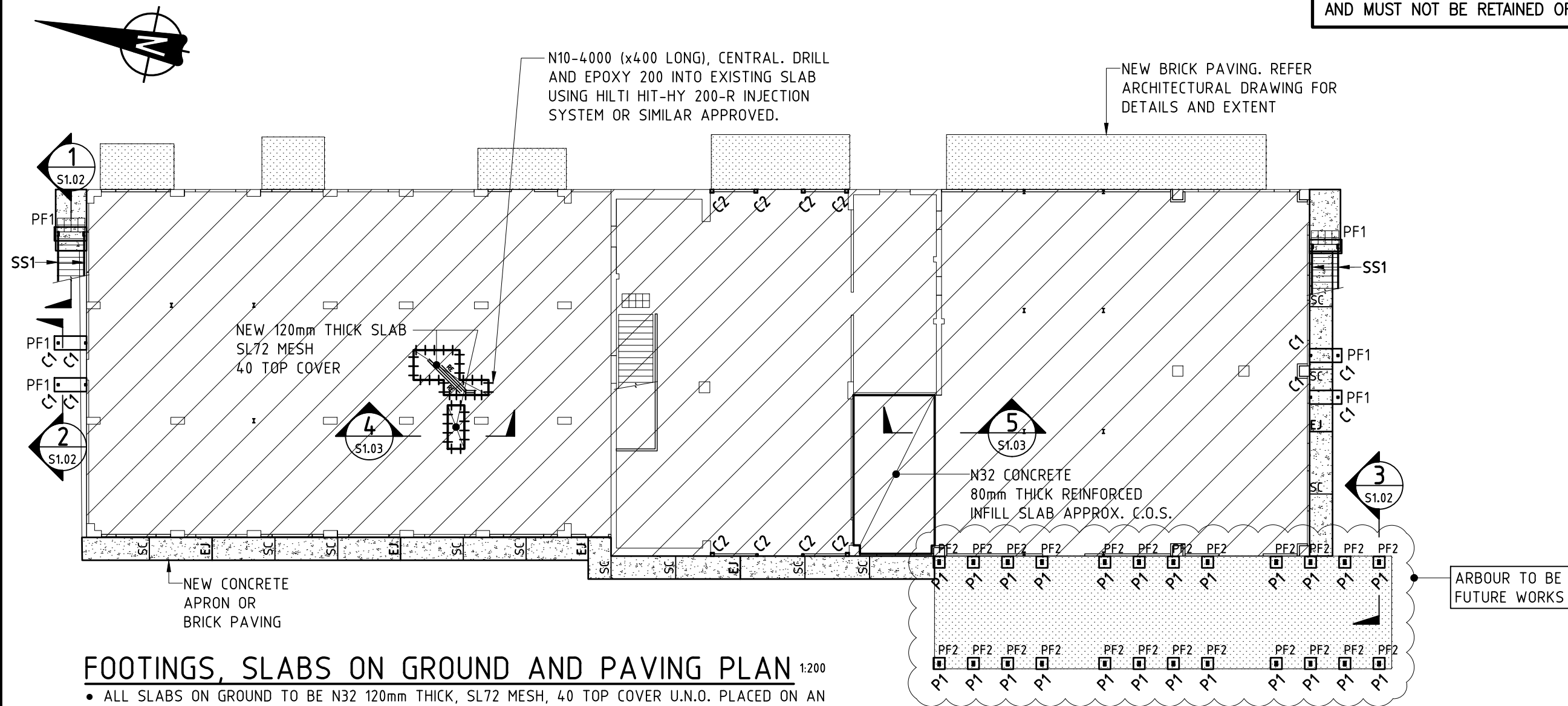


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BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.	
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.	
REV No.	DATE	DESCRIPTION	BY	APPR.	

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	DRAWING INDEX AND GENERAL NOTES

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S0.01
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	N.T.S.
APPROVED:		CAD REF:	JS 14525S001.dwg 22/12/2022 4:02 PM
THIS DRAWING SHALL BE CONSIDERED FOR REFERENCE PURPOSES ONLY AND NOT FOR CONSTRUCTION UNLESS APPROVED.			



FOOTINGS, SLABS ON GROUND AND PAVING PLAN 1:200

- ALL SLABS ON GROUND TO BE N32 120mm THICK, SL72 MESH, 40 TOP COVER U.N.O. PLACED ON AN APPROVED VAPOUR-PROOF MEMBRANE LAID ON COMPACTED SAND.REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL EXTERNAL SLABS ON GROUND.
- RE - DENOTES 2-N16 RE-ENTRANT BAR, 2000 LONG, PLACED CENTRAL IN SLAB, WHERE SHOWN ON PLAN.
- SC - DENOTES SAW-CUT JOINT. REFER TO S1.02 FOR DETAIL.
- EJ - DENOTES EXPANSION JOINT. REFER TO S1.02 FOR DETAIL.
- EJ* - DENOTES EXPANSION JOINT. REFER TO S1.02 FOR DETAIL.

 - DENOTES BRICK PAVING
TO ARCH'S DETAIL (TYPICAL)

MEMBER SCHEDULE

ITEM	MEMBER
P1	2/200 x 50 POST
C1	75 SHS 4.0
C2	200 SHS
SS1	230 PFC

FOOTING SCHEDULE

MARK	SIZE (L x B x D)	REINFORCEMENT
PF1	1400 x 600 x 300 DEEP	REFER SECTION
PF2	500 x 500 x 400 DEEP	REFER SECTION

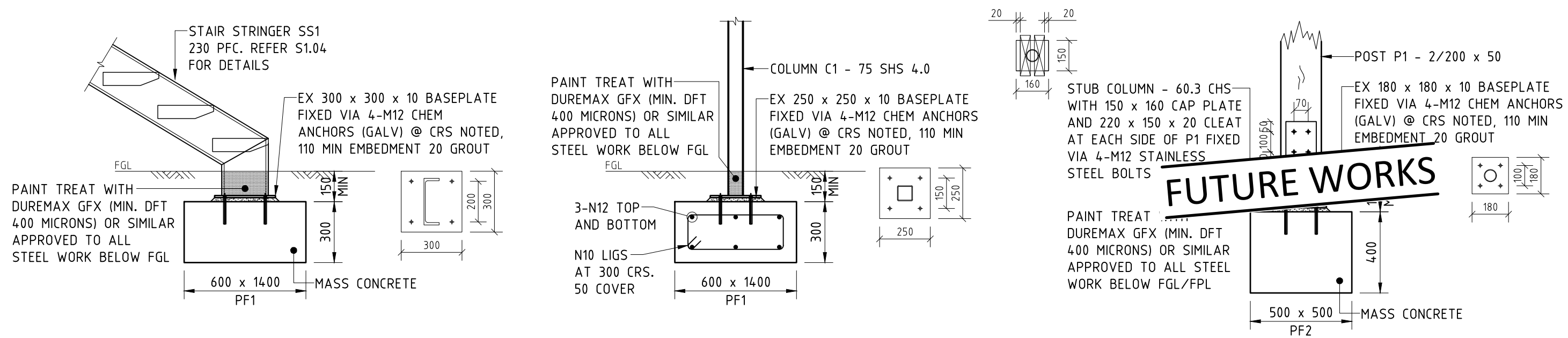


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CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	FOOTINGS, SLABS ON GROUND AND PAVING PLAN

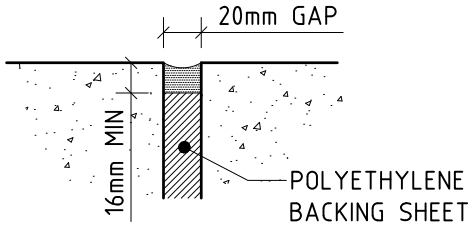
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DRAWN:	A.A.	DRAWING No:	S1.01
CHECKED:	P.T.	REVISION No:	BP
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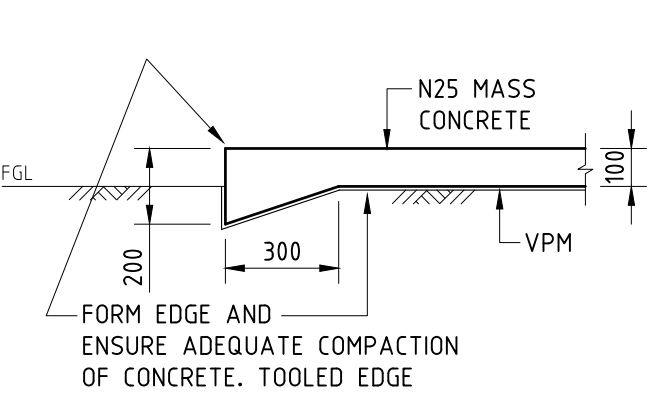
SECTION 1
1:20
S1.01

SECTION 2
1:20
S1.01

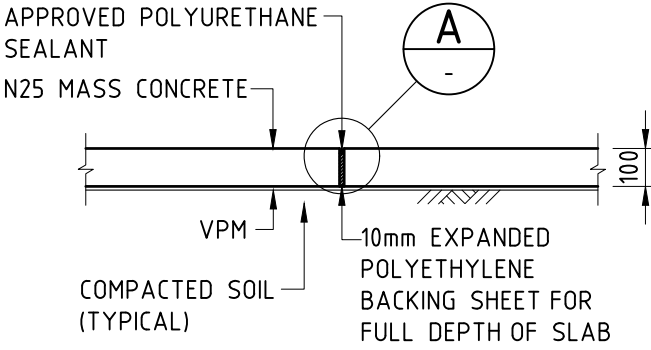
SECTION 3
1:20
S1.01



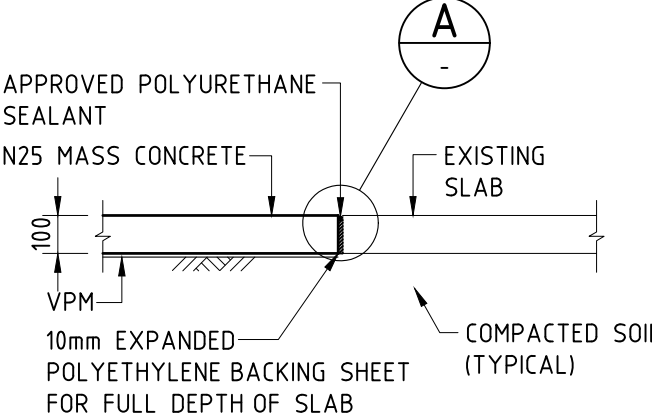
DETAIL A
1:2



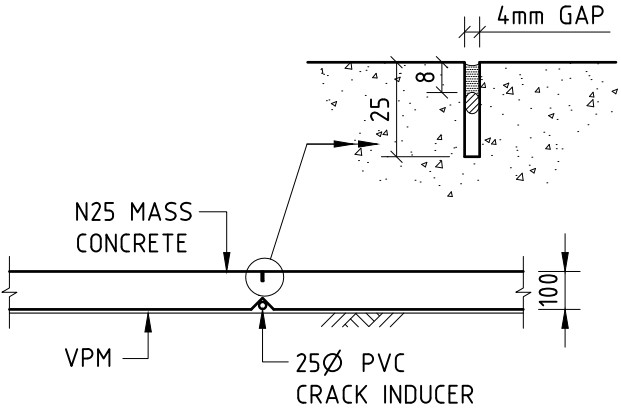
TYPICAL EDGE THICKENING 1:20
UNREINFORCED SLAB



EXPANSION JOINT DETAIL (EJ) 1:20
UNREINFORCED SLAB



EXPANSION JOINT DETAIL (EJ*) 1:20
UNREINFORCED TO EXISTING SLAB



SAW-CUT JOINT DETAIL (SC) 1:20
UNREINFORCED SLAB

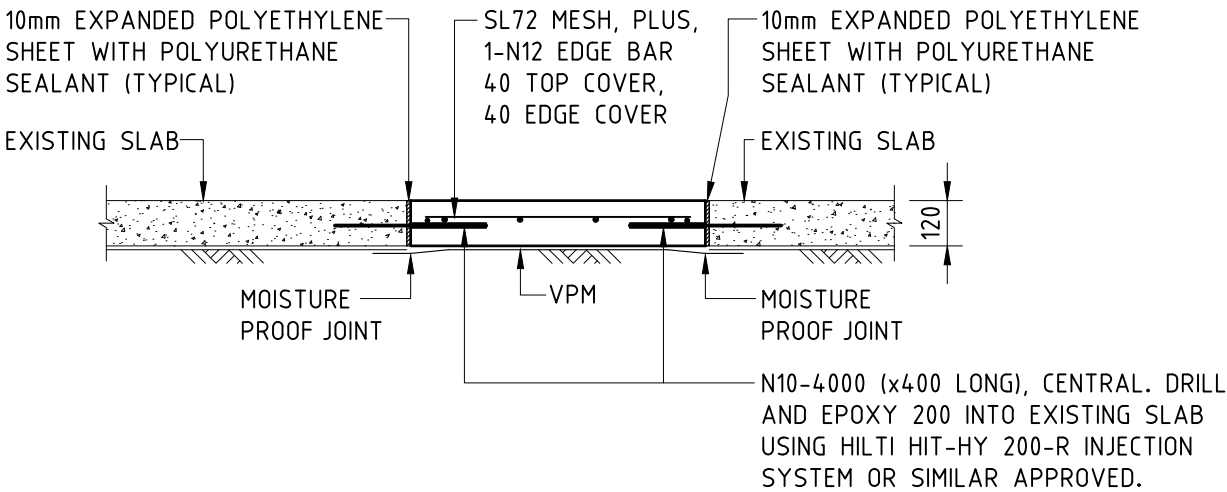


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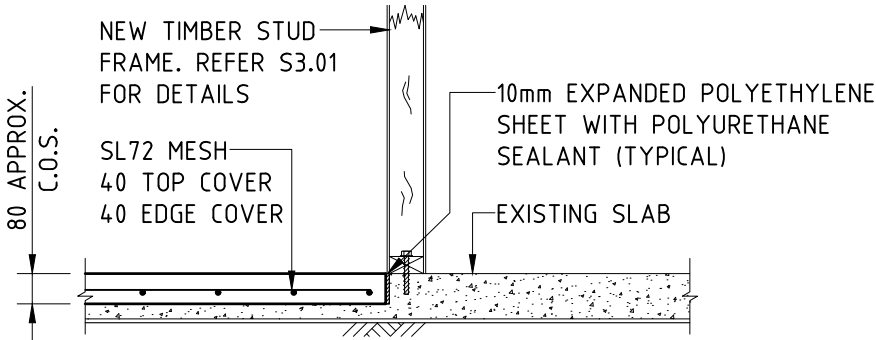
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BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	FOOTINGS AND SLABS SECTIONS AND DETAILS

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S1.02
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:20
APPROVED:		CAD REF:	JS 14525S101.dwg 22/12/2022 4:03 PM
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SECTION 4
1:20



SECTION 5
1:20



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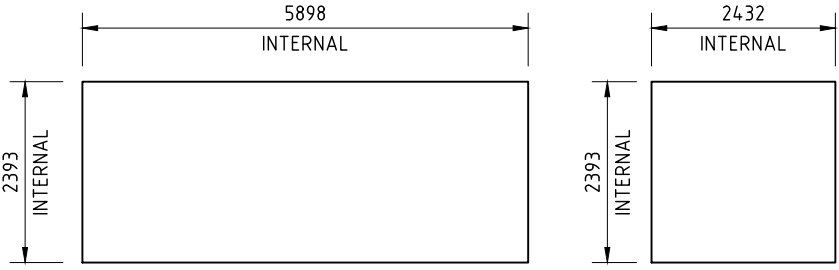
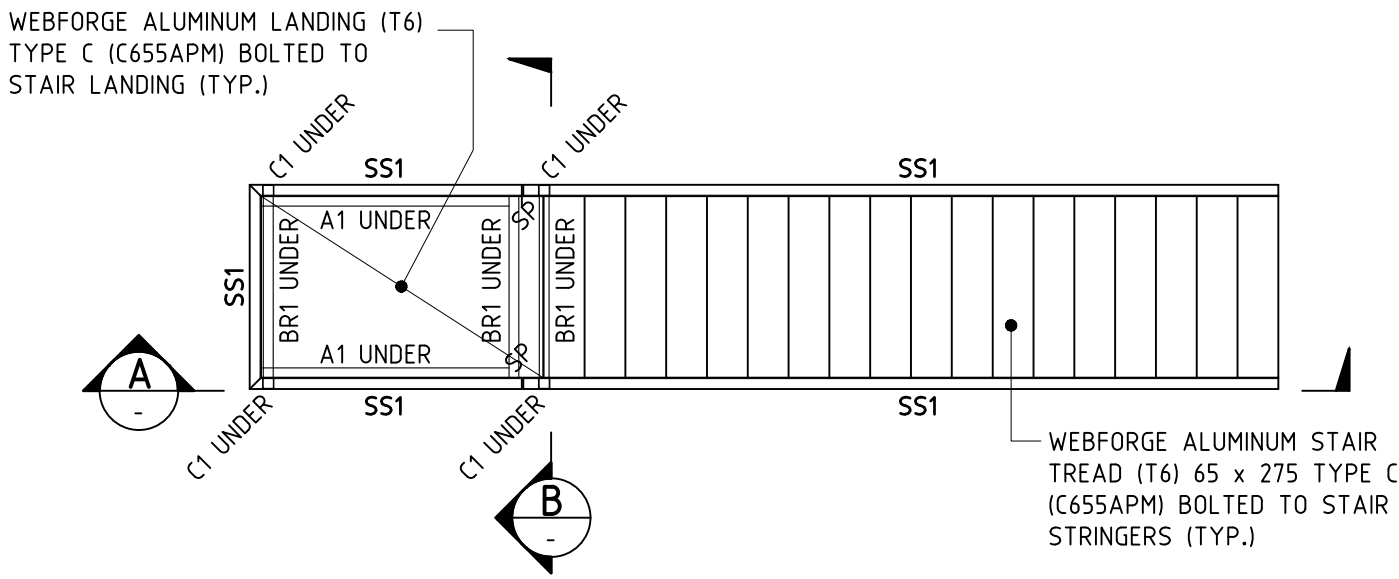
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BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.

CLIENT: SHIRE OF COCOS KEELING ISLANDS

PROJECT: WATERFRONT WAREHOUSE REDEVELOPMENT
JALAN MELATI, HOME ISLAND,
COCOS KEELING ISLANDS

TITLE: FOOTINGS AND SLABS SECTIONS

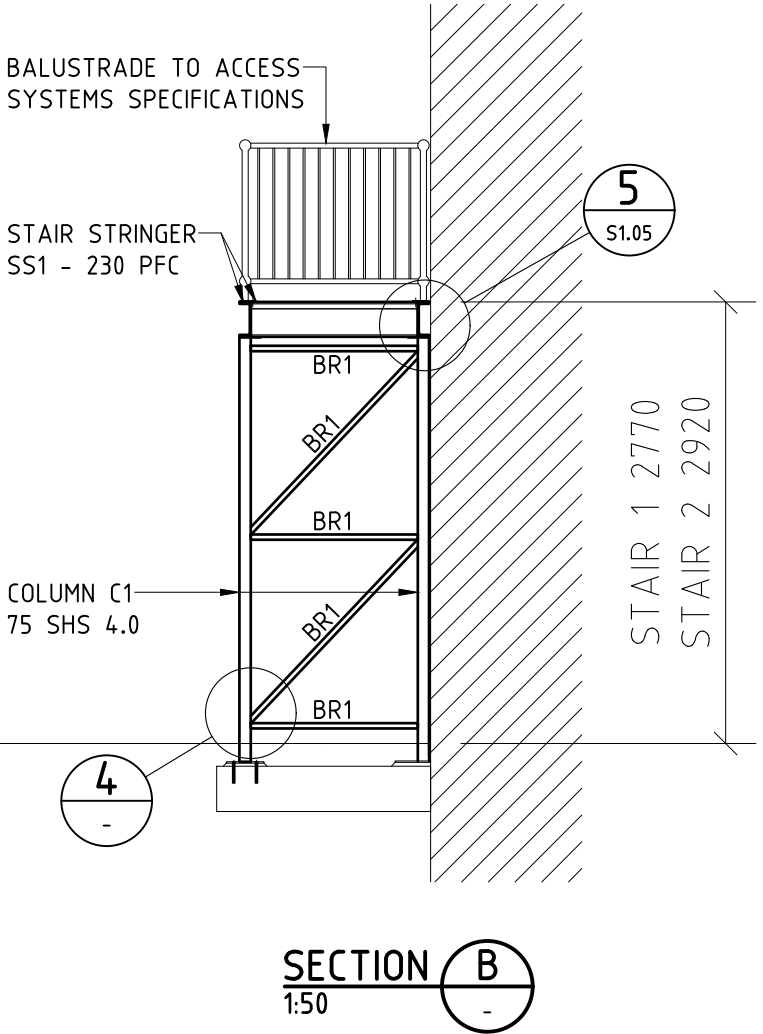
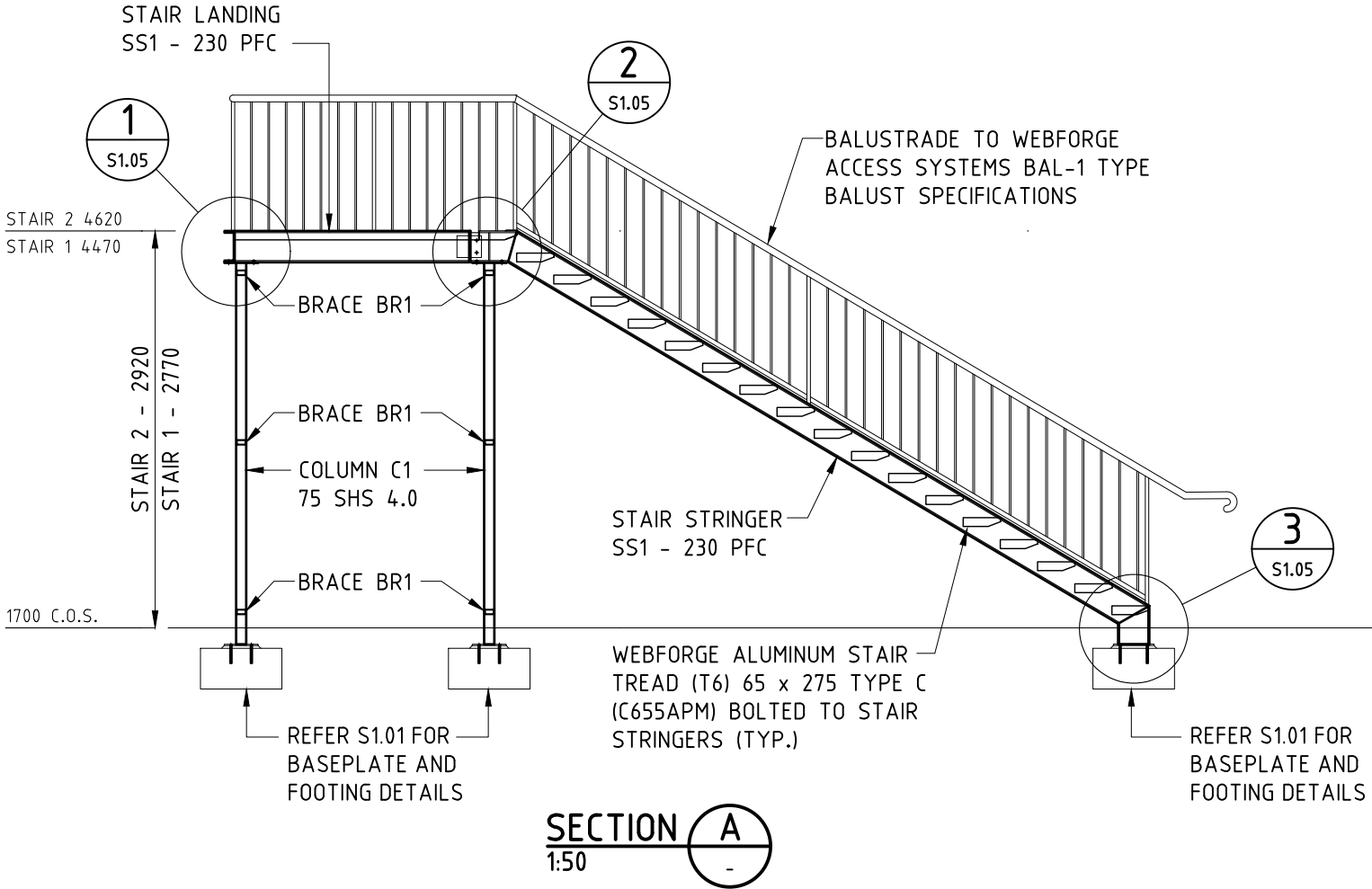
DESIGNED: P.T.	PROJECT No: 14525
DRAWN: A.A.	DRAWING No: S1.03
CHECKED: P.T.	REVISION No: BP
DATE: SEP 2022	SCALE: 1:20
APPROVED:	CAD REF: JS 14525S101.dwg 22/12/2022 4:03 PM
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ELEVATION
SECTION
TRANSPORT STAIR TO SITE VIA 20FT CONTAINER1:100

MEMBER SCHEDULE	
ITEM	MEMBER
C1	75 SHS 4.0
SS1	230 PFC
BR1	65 x 35 RHS 3.0
A1	65 x 5 EA

EXTERNAL STAIR 2 (DRAWN) - PART PLAN1:50
STAIR 1 SIMILAR

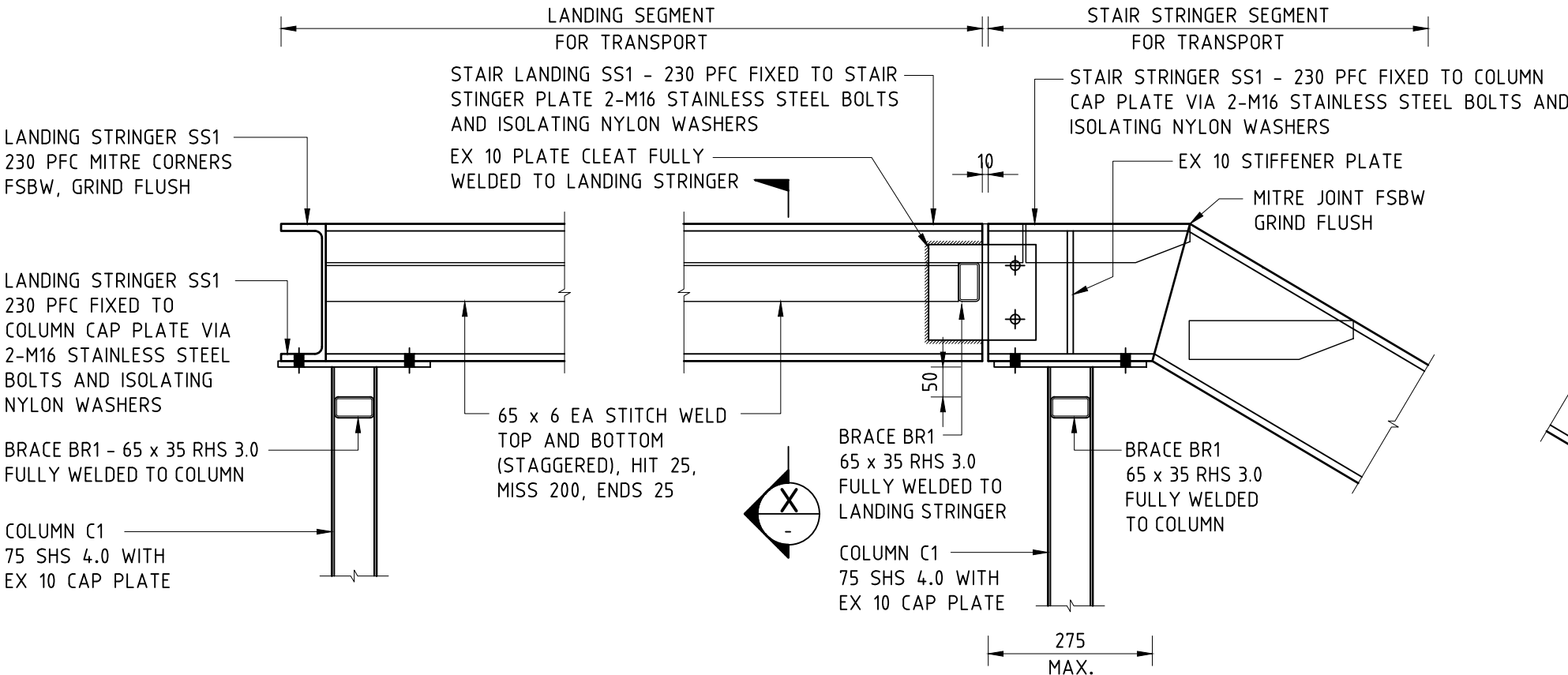


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2	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.
1	20.09.22	PRELIMINARY ISSUE	A.A.	P.T.

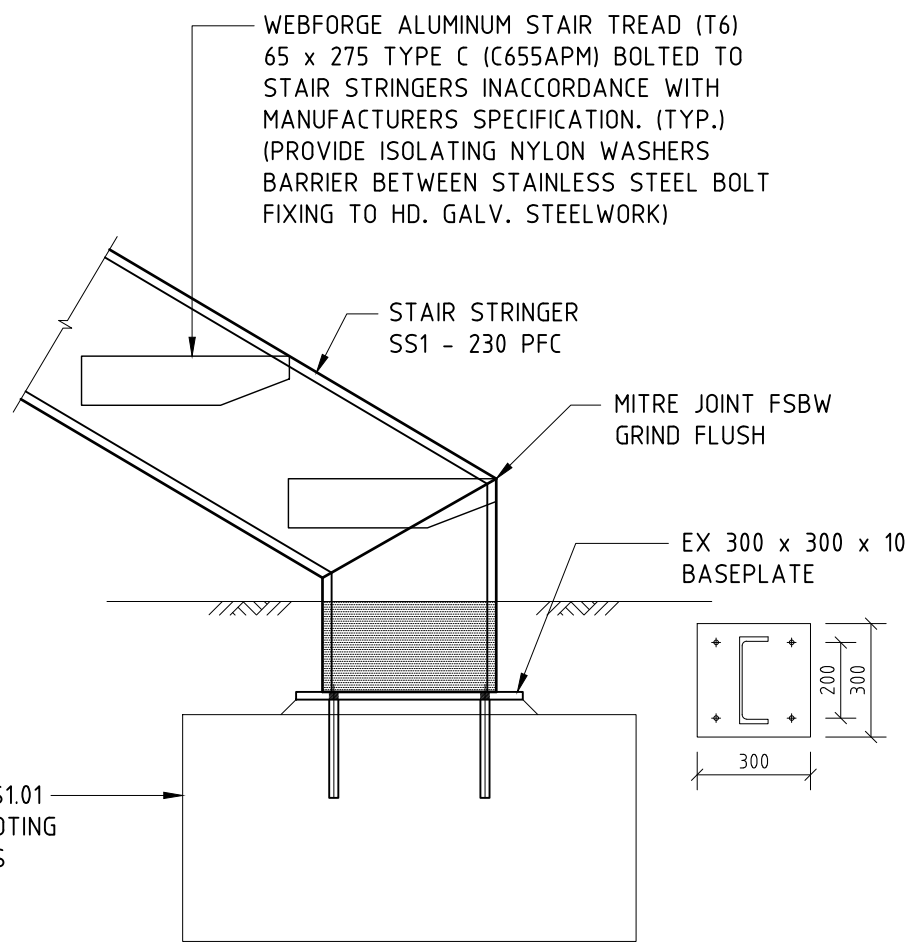
CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	EXTERNAL STAIR 1 & 2 PART PLAN AND SECTIONS

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S1.04
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:50
APPROVED:		CAD REF:	JS 14525S104.dwg 22/12/2022 1:49 PM
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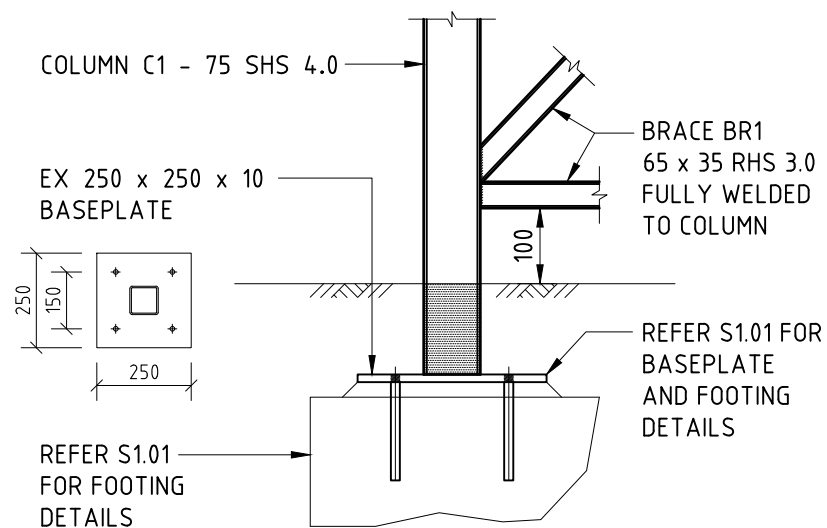


DETAIL 1
1:10 S1.04

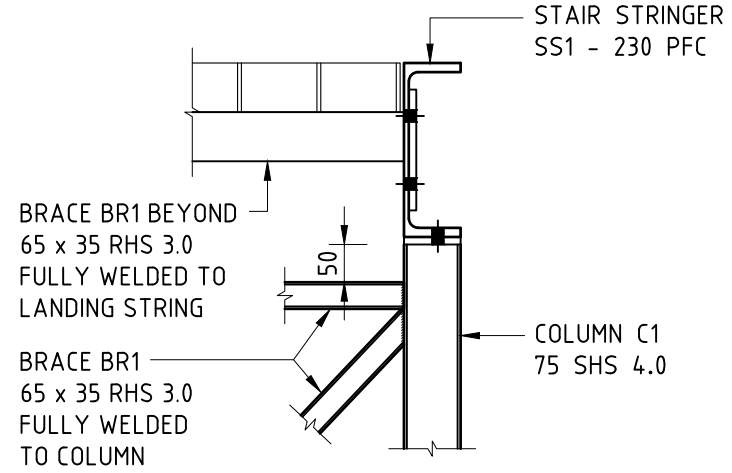
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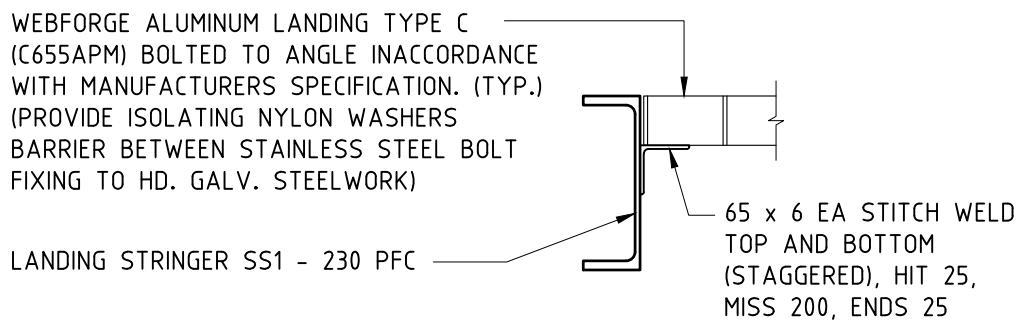
DETAIL 3
1:10 S1.04



DETAIL 4
1:10 S1.04



DETAIL 5
1:10 S1.04



SECTION X
1:10 S1.04



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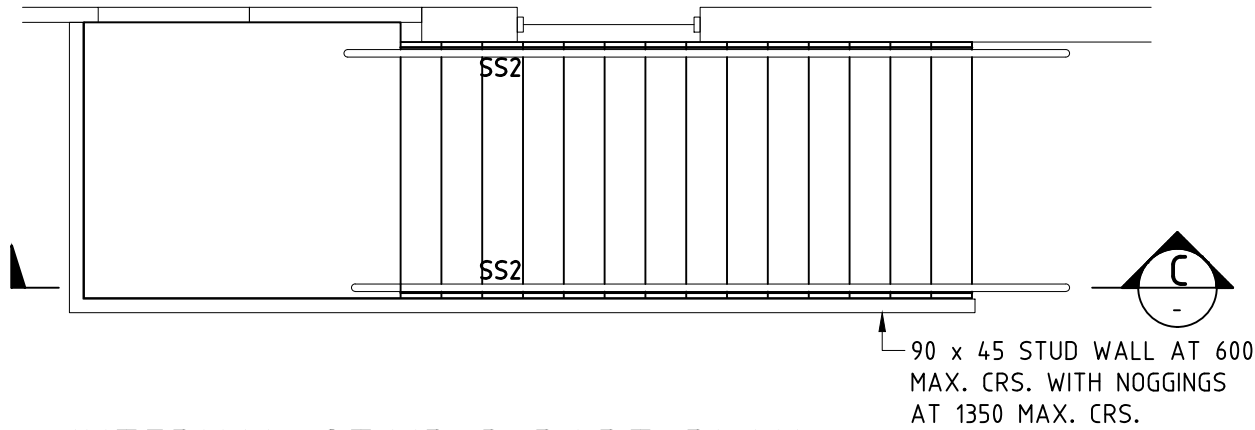
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1	20.09.22	PRELIMINARY ISSUE	A.A.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	EXTERNAL STAIR 1 & 2 DETAILS

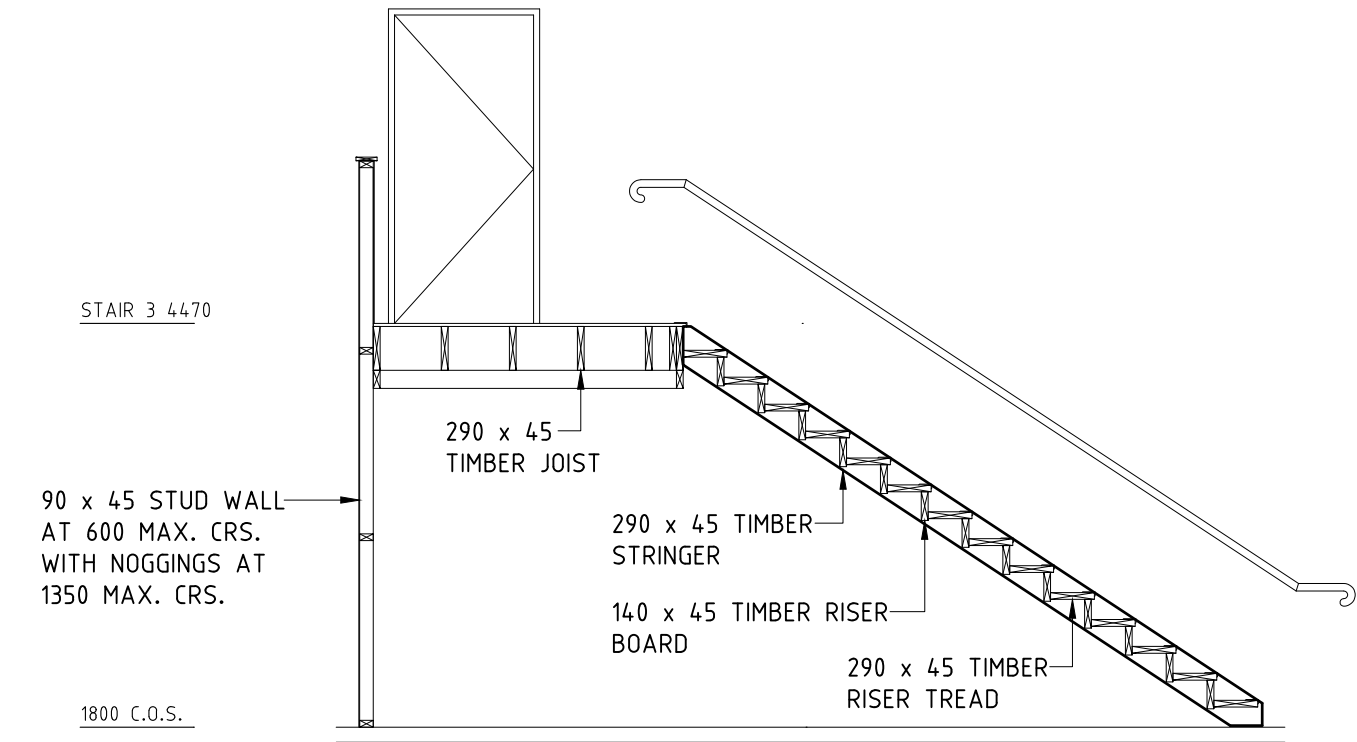
DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	J.S.	DRAWING No:	S1.05
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:50
APPROVED:		CAD REF:	JS 14525S104.dwg 22/12/2022 1:49 PM
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MEMBER SCHEDULE

ITEM	MEMBER
SS2	290 x 45 STRINGER



INTERNAL STAIR 3 PART PLAN 1:50



SECTION C 1:50

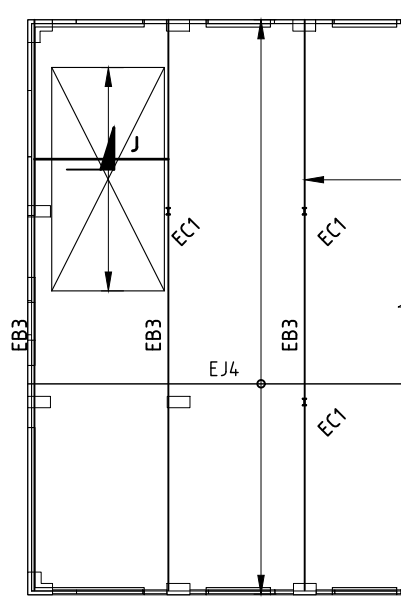
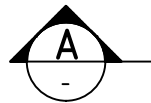
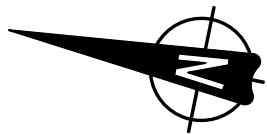


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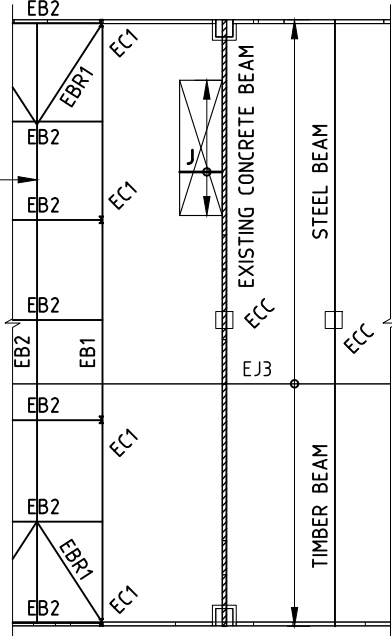
CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	INTERNAL STAIR 3 PART PLAN, SECTIONS AND DETAILS

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S1.06
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:50
APPROVED:		CAD REF:	JS 14525S104.dwg 22/12/2022 1:49 PM
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ROOM 21

INDICATES EXISTING
STRUCTURE UNDER.
CHECK ON SITE.

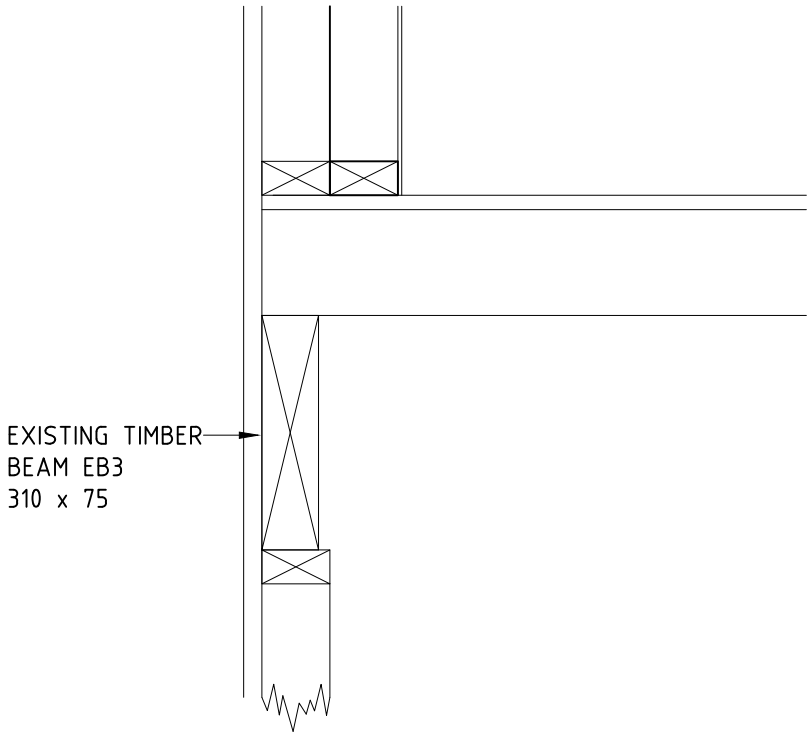


ROOM 12

NEW JOIST INFILL PART PLANS - FIRST FLOOR 1:200

- ===== - DENOTES WALLS BELOW JOIST AND BEARER.
- ===== - DENOTES WALLS ABOVE JOIST AND BEARER.

MEMBER SCHEDULE	
ITEM	MEMBER
EB1	180 x 95 UB
EB2	80 x 80 UC
EB3	310 x 75 TIMBER BEAM
EBR1	75 x 75 x 8.0 EA
EJ3	100 x 50 JARRAH JOISTS (F14) AT 310 CRS. APPROX.
EJ4	140 x 45 JARRAH JOISTS (F14) AT 600 CRS. APPROX.
EC1	178 x 96 TFB
ECC	EXISTING CONCRETE COLUMN



SECTION A
1:10

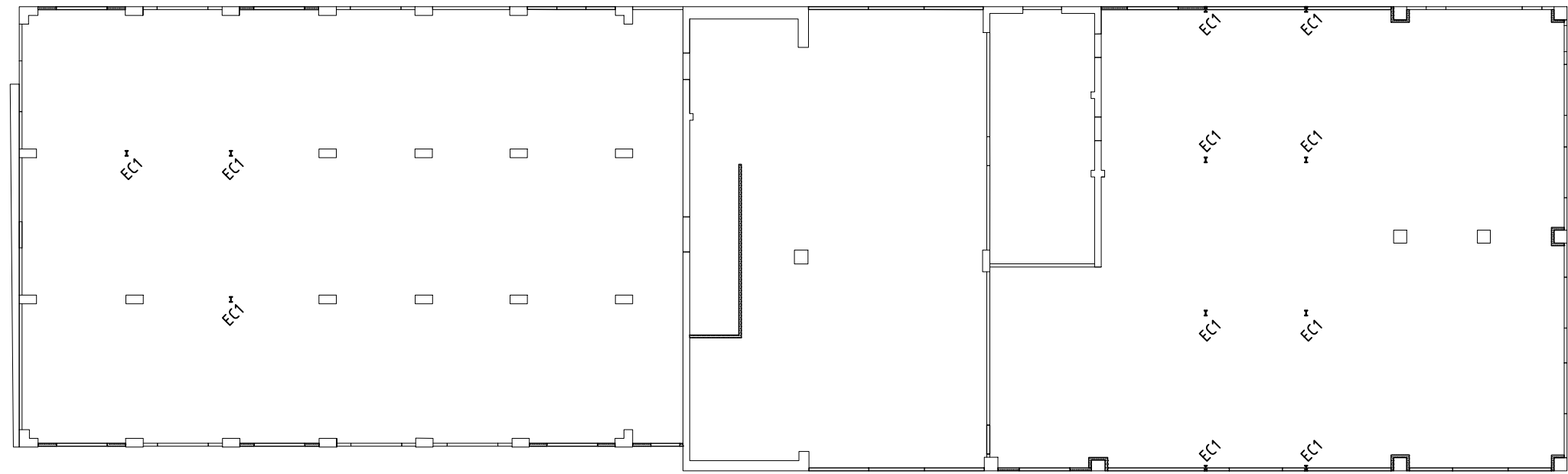
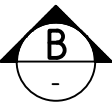
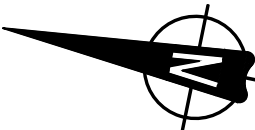


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REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.

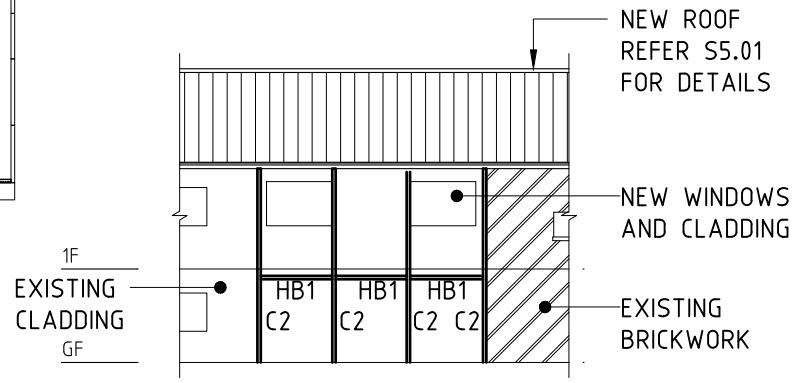
CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	NEW JOIST INFILL PART PLANS FIRST FLOOR

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S2.01
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:200
APPROVED:		CAD REF:	JS 14525S201.dwg 22/12/2022 4:04 PM
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MEMBER SCHEDULE

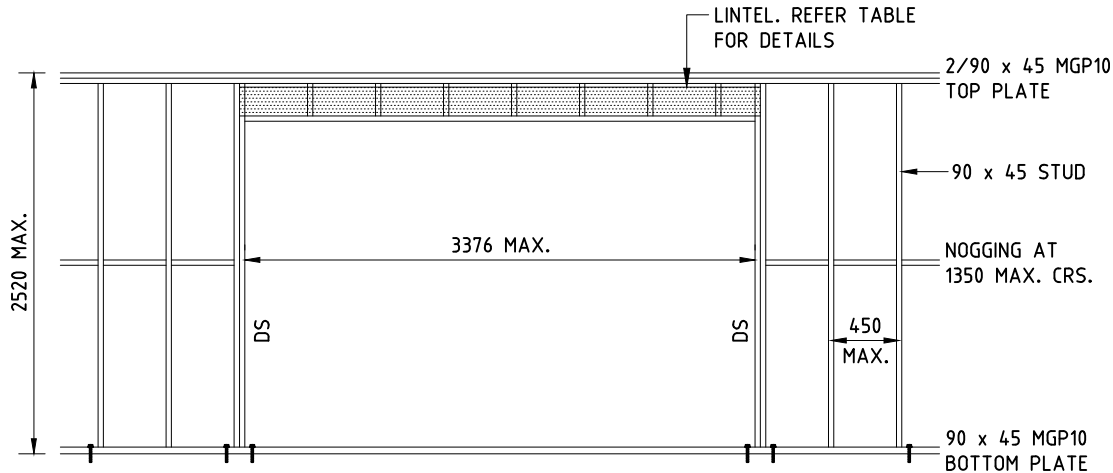
ITEM	MEMBER
C2	200 SHS
HB1	200 x 100 RHS



ELEVATION A
1:200

WALL FRAMING AND BRACING LAYOUT PLAN - GROUND FLOOR 1:200

- DENOTES TIMBER STUD FRAME.
- DENOTES EXISITING WALL.
- EC1 - DENOTES 178 x 96 TFB EXISTING COLUMN.

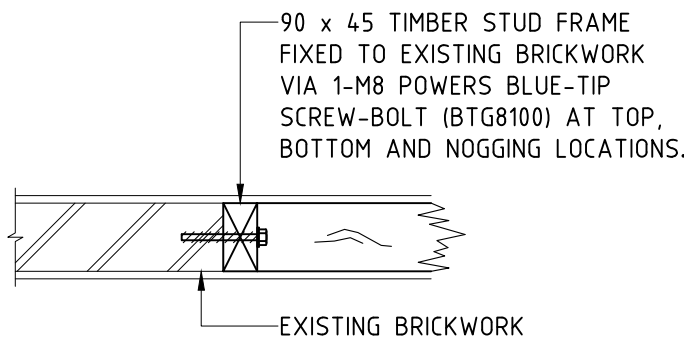


TYPICAL EXTERNAL WALL BRACING

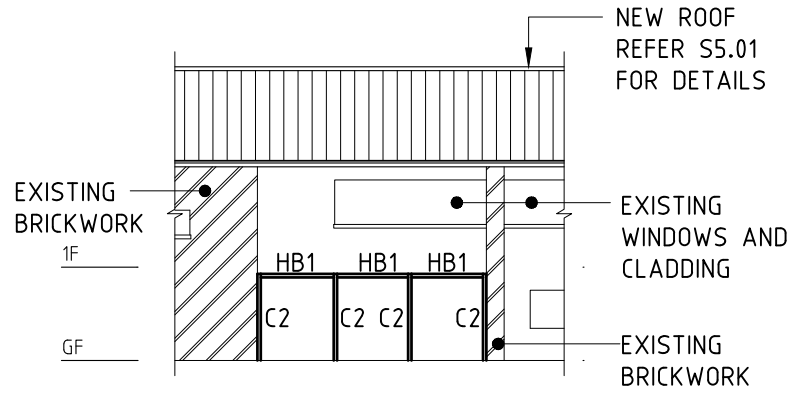
FIX BOTTOM PLATE TO CONCRETE WITH-

- (i) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) AT EACH END OF WALL FRAME AND WALL OPENING.
- (ii) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) AT 900 MAX. CRS INTERMEDIATELY.

ALL M10 FIXINGS TO HAVE 1-30Ø x 2.5 NOMINAL WASHER.



TYPICAL TIMBER STUD TO EXISTING BRICKWORK DETAIL 1:10



ELEVATION B
1:200

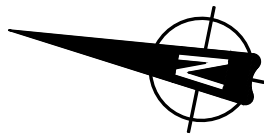


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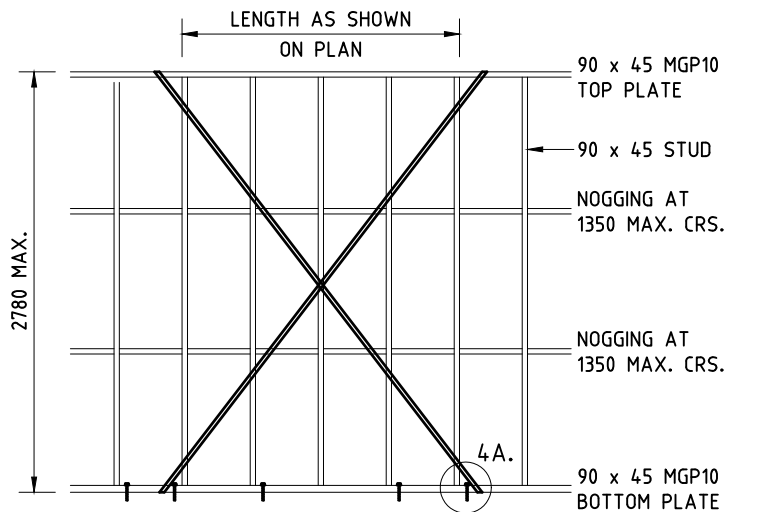
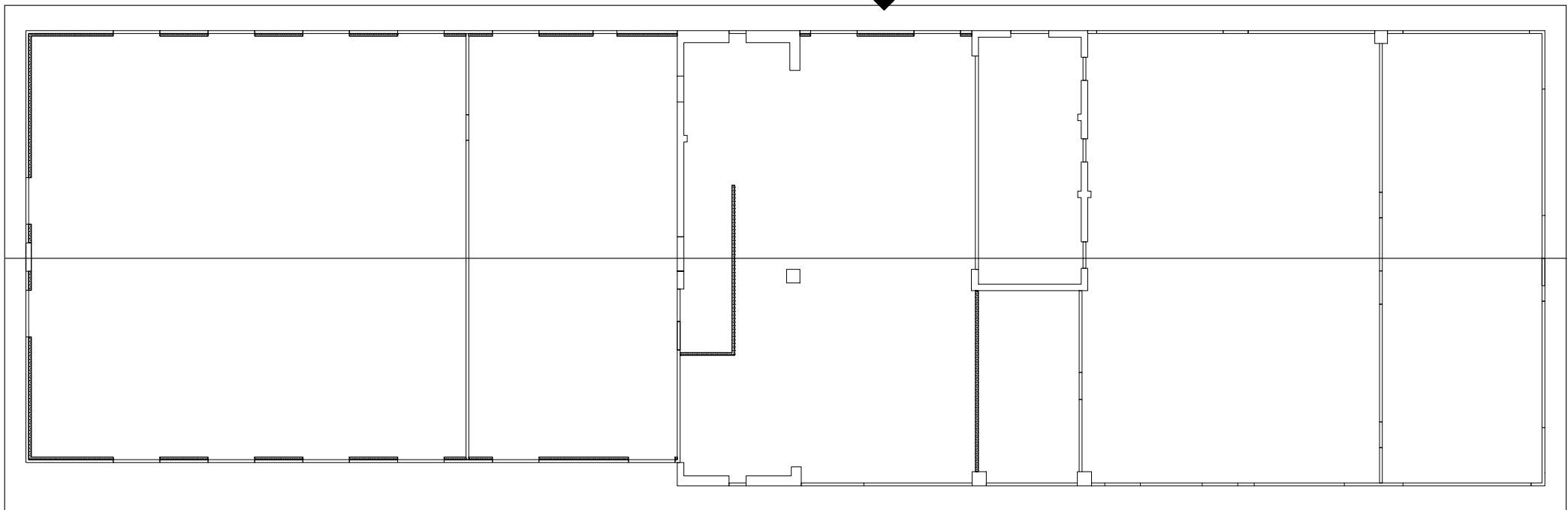
REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	WALL FRAMING AND BRACING LAYOUT PLAN - GROUND FLOOR

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S3.01
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:200
APPROVED:		CAD REF:	JS 14525S301.dwg 22/12/2022 4:04 PM
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A
S3.01



TYPICAL INTERNAL WALL BRACING

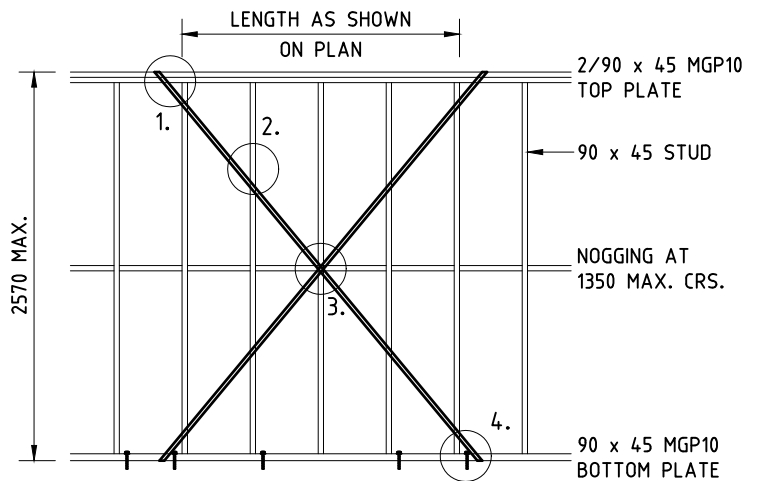
FIX BOTTOM PLATE TO CONCRETE WITH-

- (i) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) AT EACH END OF WALL FRAME AND WALL OPENING.
- (ii) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) AT 900 MAX. CRS INTERMEDIATELY.
- (iii) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) EXTRA, EACH END OF WALL BRACING AND WALL OPENING.

ALL M10 FIXINGS TO HAVE 1-30Ø x 2.5 NOMINAL WASHER.

WALL FRAMING AND BRACING LAYOUT PLAN - FIRST FLOOR 1:200

- 1800 - DENOTES 1800 LONG STRAP BRACE. (TYPE 'D' IN ACCORDANCE WITH TABLE 8.18 AS1684.2)
- PB - DENOTES PLYWOOD BRACE U.N.O. (TYPE 'H' METHOD 'B' IN ACCORDANCE WITH TABLE 8.18 OF AS 1684.2).
- DENOTES TIMBER STUD FRAME.
- DENOTES EXISITING WALL.
- WHERE BRACE LENGTH SHOWN EXCEEDS THE AVAILABLE WALL LENGTH, THE MAXIMUM POSSIBLE WALL BRACE SHALL BE USED. NOTIFY THE ENGINEER IF THE BRACE LENGTH LOST CANNOT BE REPLACED ALONG ANOTHER SECTION OF THE PANEL.
- PROVIDE DOUBLE STUD (DS) IN TIMBER FRAMED WALLS TO AS 1684 AT ALL FLOOR AND ROOF BEAM SUPPORT LOCATIONS.



TYPICAL EXTERNAL WALL BRACING

FIX BOTTOM PLATE TO CONCRETE WITH-

- (i) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) AT EACH END OF WALL FRAME AND WALL OPENING.
- (ii) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) AT 900 MAX. CRS INTERMEDIATELY.
- (iii) 1-M10 POWERS BLUE-TIP SCREW-BOLT (BTG10100) EXTRA, EACH END OF WALL BRACING AND WALL OPENING.

ALL M10 FIXINGS TO HAVE 1-30Ø x 2.5 NOMINAL WASHER.

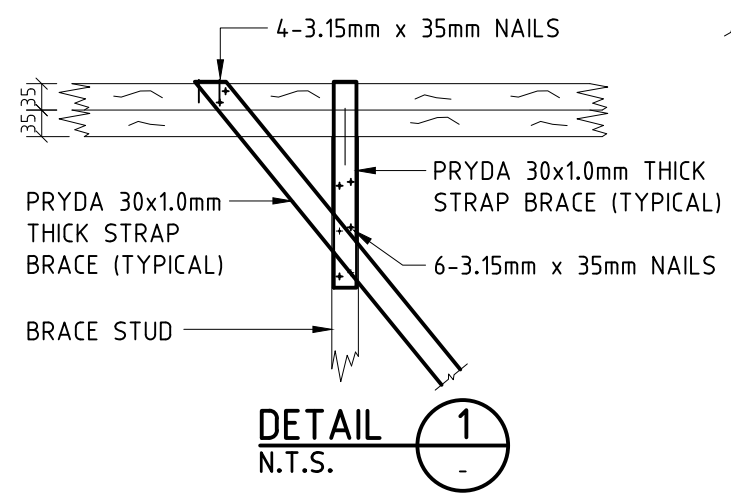


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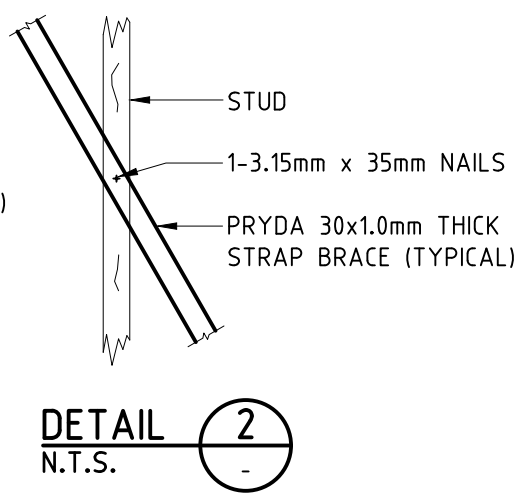
REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	WALL FRAMING AND BRACING LAYOUT PLAN - FIRST FLOOR

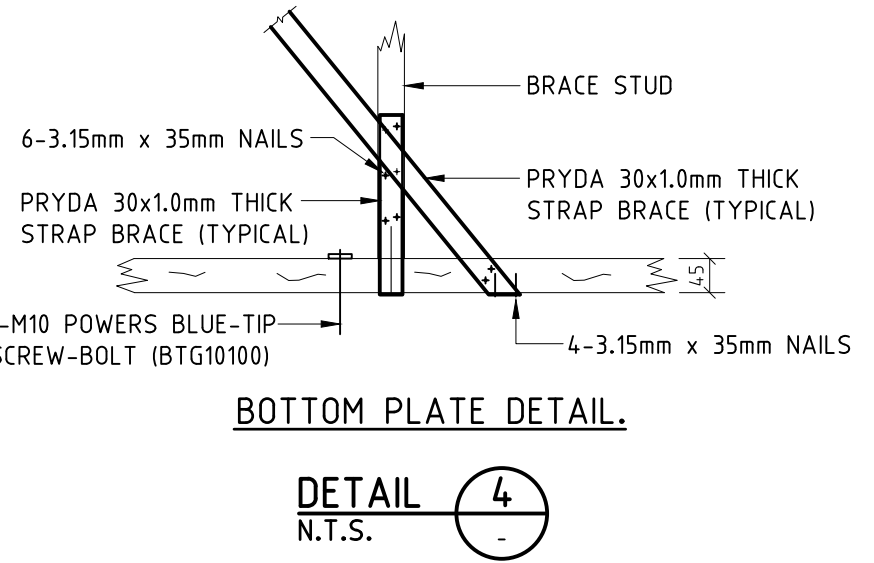
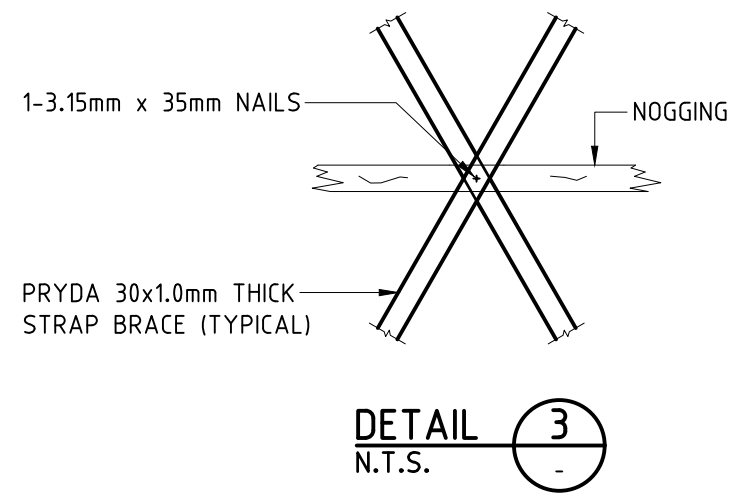
DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S3.02
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:200
APPROVED:		CAD REF:	JS 14525S301.dwg 22/12/2022 4:04 PM
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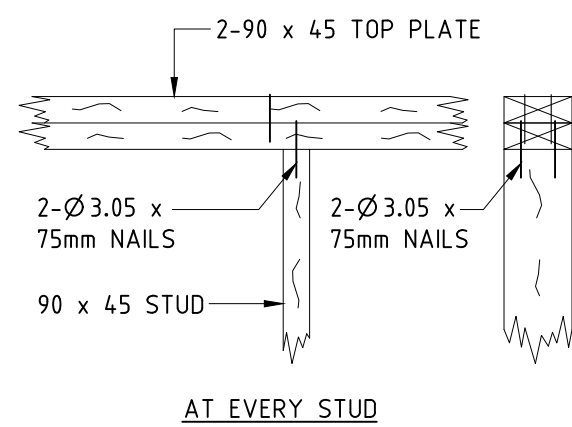
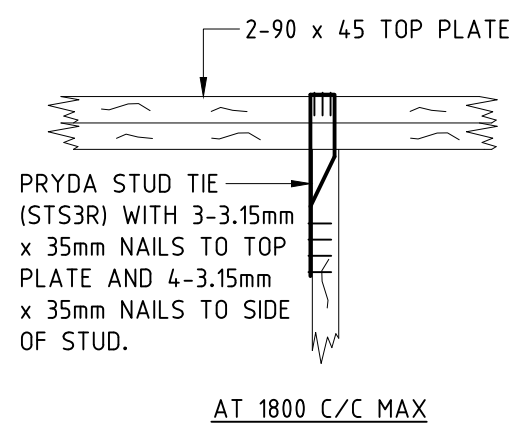
TOP PLATE DETAIL.



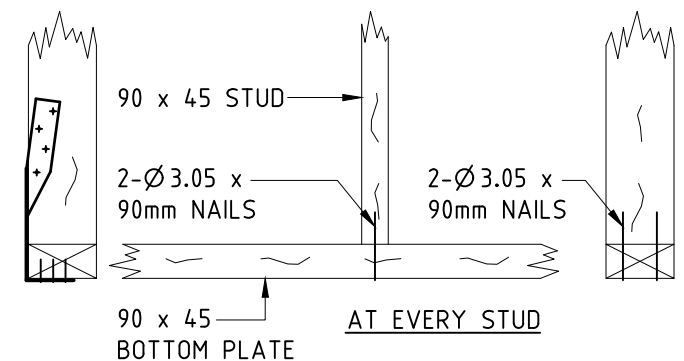
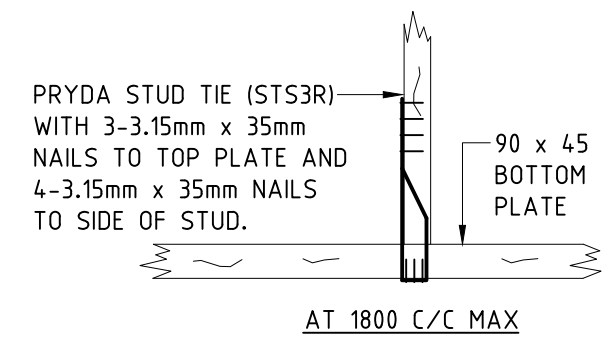
TYPICAL EXTERNAL WALL BRACING DETAILS N.T.S.
INTERNAL BRACING SIMILAR. (SINGLE TOP PLATE)



BOTTOM PLATE DETAIL.

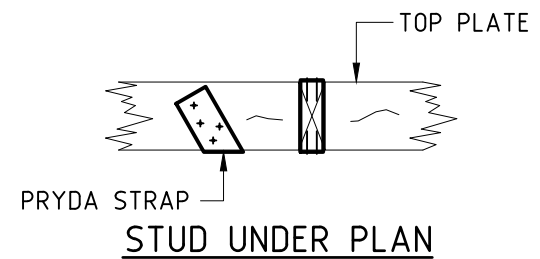


EXTERNAL TOP PLATES



METHOD 1
AT 1800 MAX. CRS AND AT OPENINGS AND
ENDS OF WALL BRACING

WALL PLATE TO STUD FIXING REQUIREMENTS N.T.S.
REFER TO AS1684 FOR ALL OTHER STANDARD FIXING



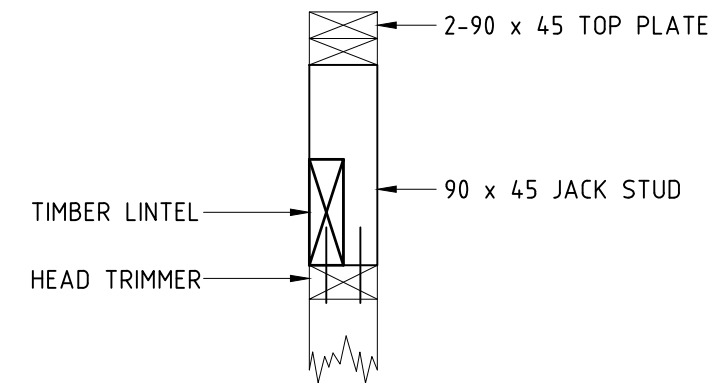
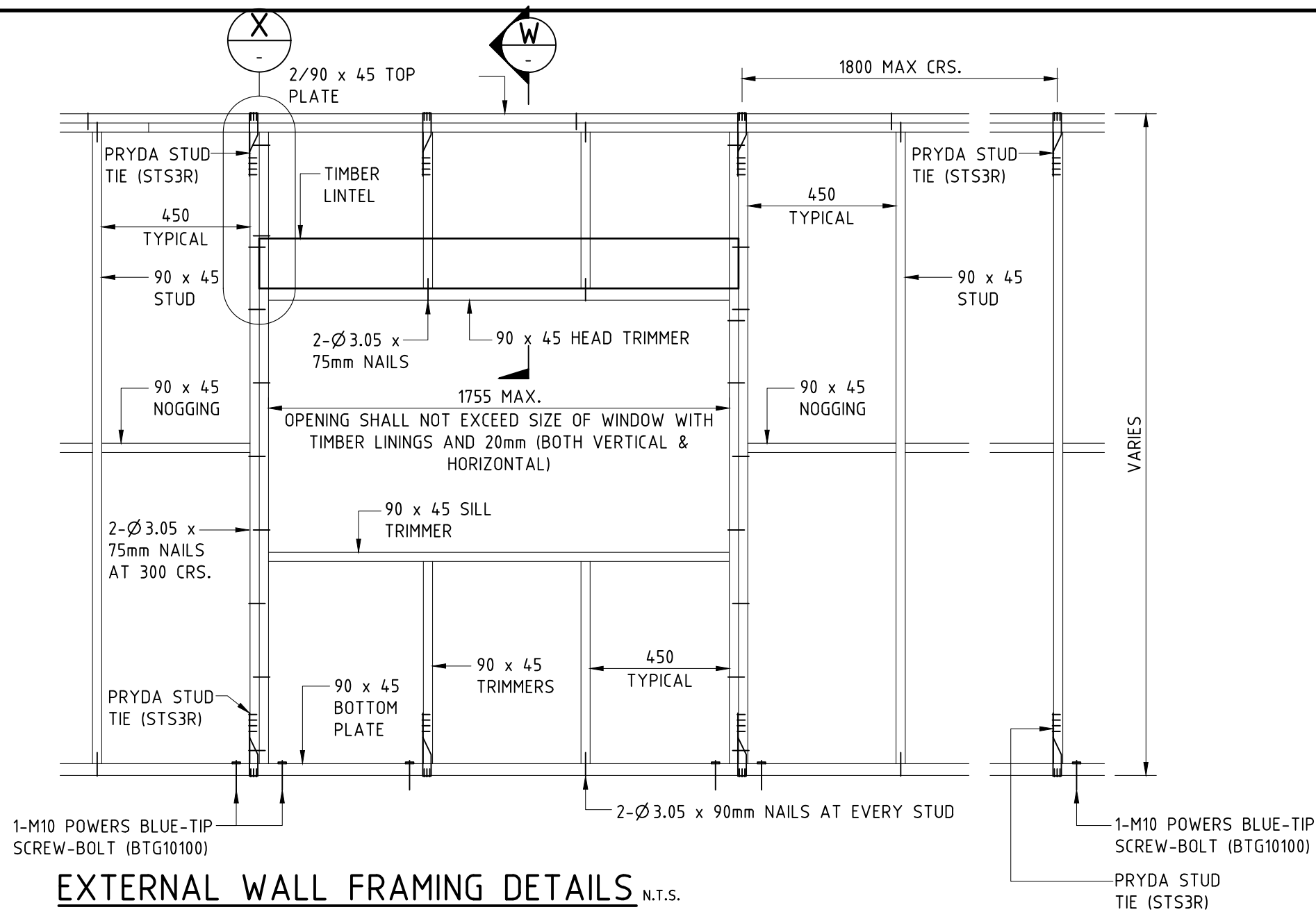
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REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	TYPICAL FRAMING DETAILS

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S3.03
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	N.T.S.
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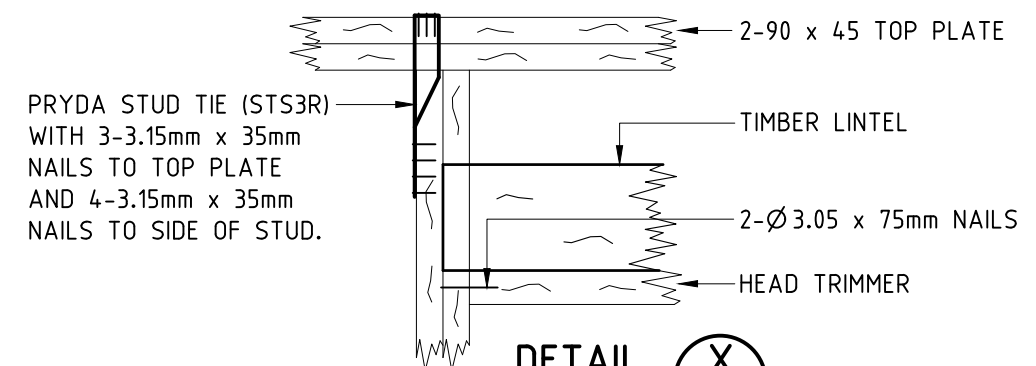
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SECTION W
N.T.S. -

LINTEL SCHEDULE	
SPAN	SIZE
LESS THAN 1700	140 x 45 MGP10 TIMBER LINTEL
1701 TO 2700	190 x 45 MGP10 TIMBER LINTEL
2701 TO 3200	240 x 45 MGP10 TIMBER LINTEL
3201 TO 3700	290 x 45 MGP10 TIMBER LINTEL

STUDS ADJACENT OPENINGS	
SPAN	SIZE
LESS THAN 1800	2-90 x 45 MGP10 TIMBER STUDS
1810 TO 2700	2-90 x 45 MGP10 TIMBER STUDS



DETAIL X
N.T.S. -

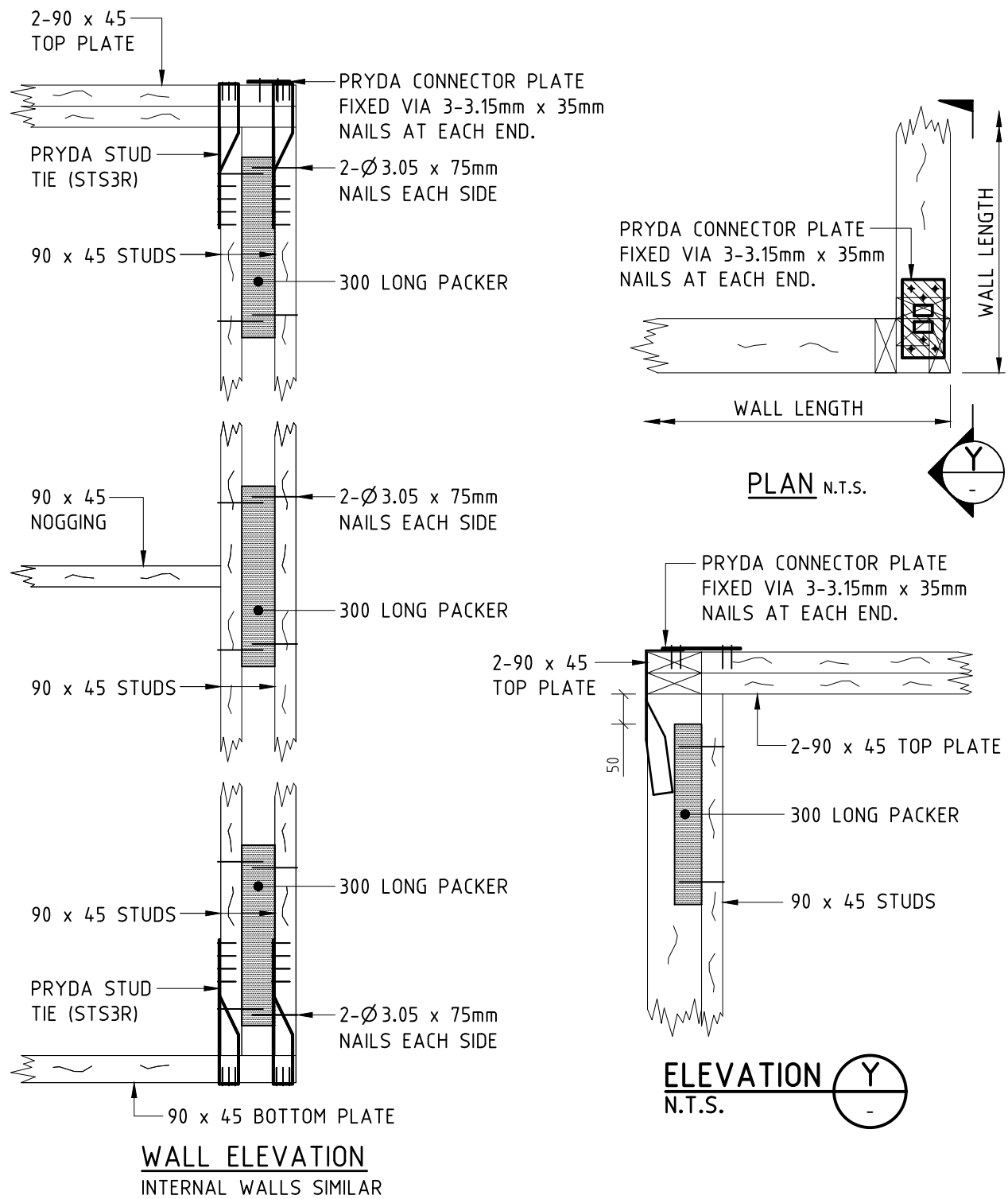


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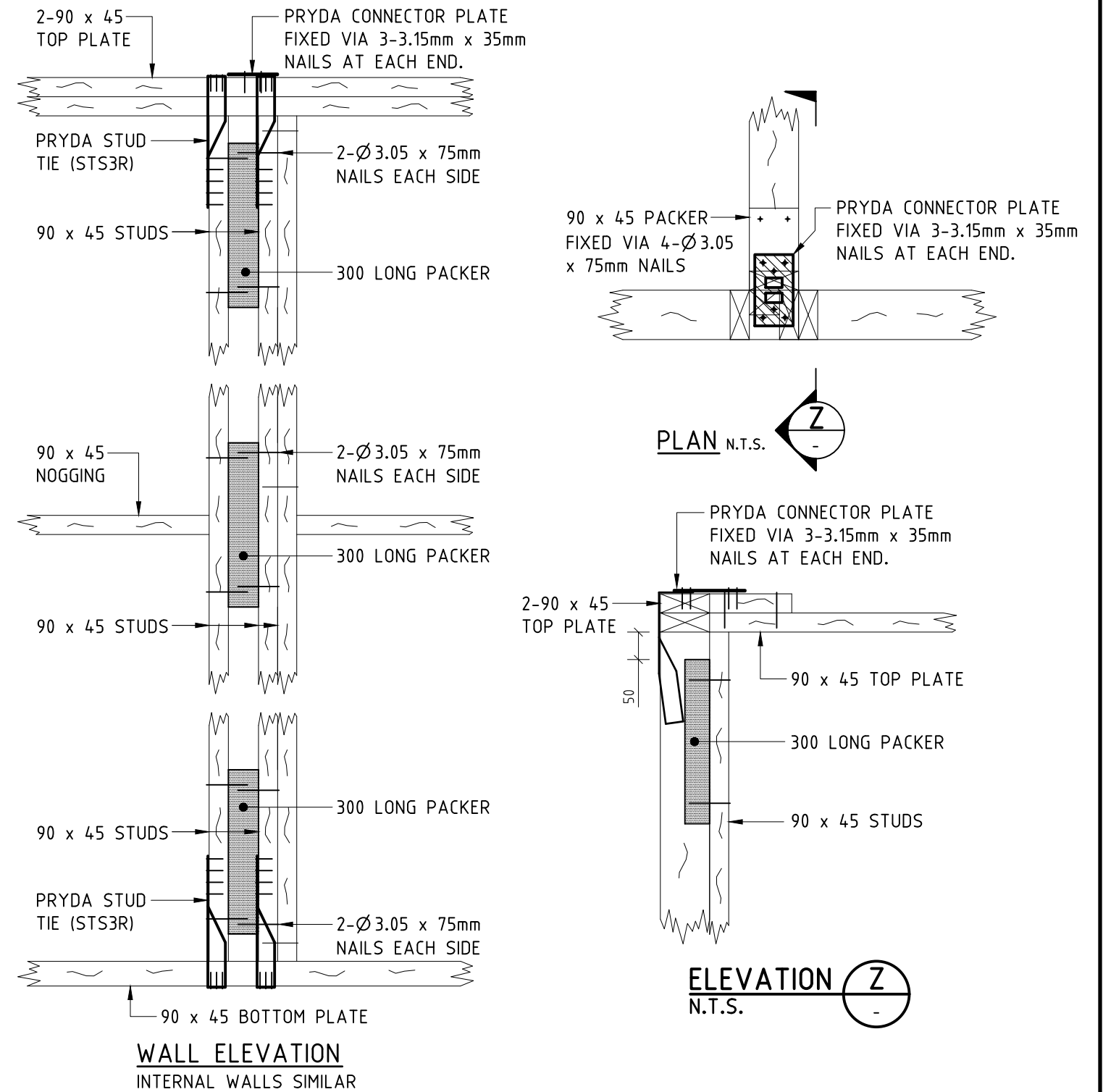
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CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	TYPICAL FRAMING DETAILS

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S3.04
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	N.T.S.
APPROVED:		CAD REF:	JS 14525S301.dwg 22/12/2022 4:04 PM
THIS DRAWING SHALL BE CONSIDERED FOR REFERENCE PURPOSES ONLY AND NOT FOR CONSTRUCTION UNLESS APPROVED			

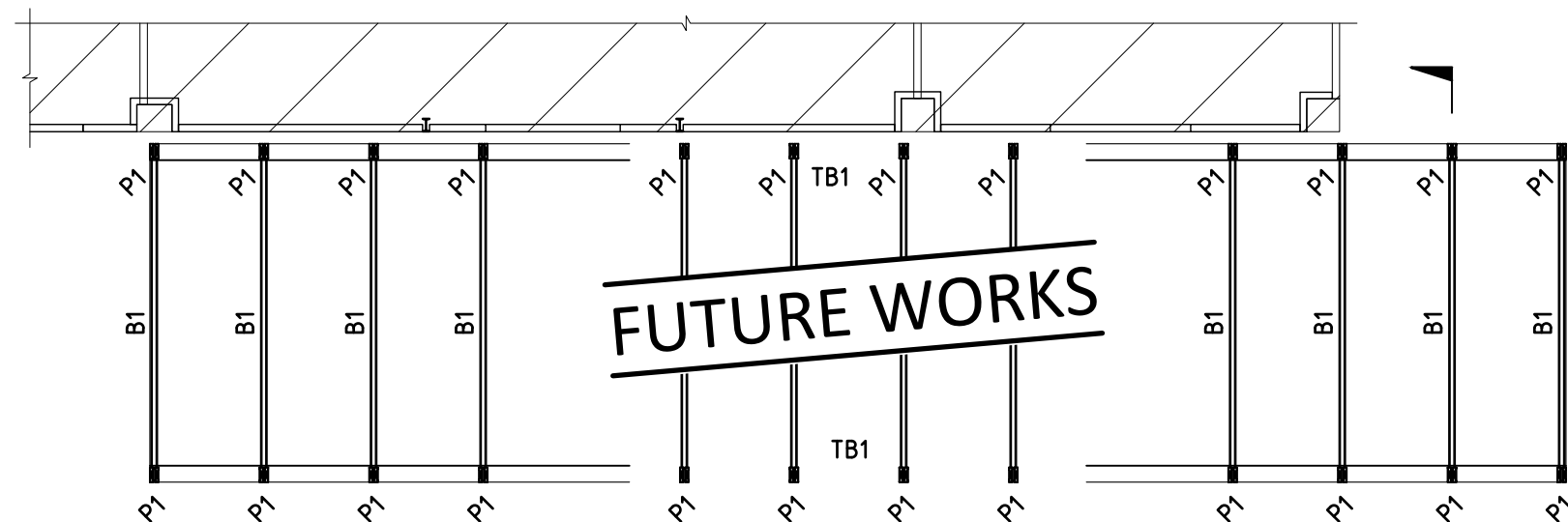
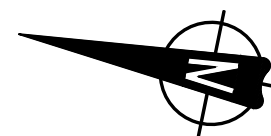


TYPICAL 3-STUD INTERSECTION OF EXTERNAL WALLS



TYPICAL 3-STUD INTERSECTION OF INTERNAL/EXTERNAL WALLS

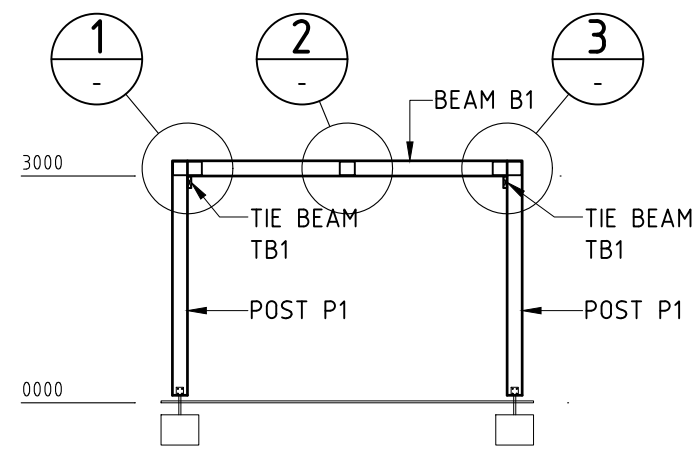
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						DRAWN: A.A.	DRAWING No: S3.05	
						CHECKED: P.T.	REVISION No: BP	
						DATE: SEP 2022	SCALE: N.T.S.	AT SIZE A3
						APPROVED:	CAD REF: JS 14525S301.dwg 22/12/2022 4:04 PM	
						THIS DRAWING SHALL BE CONSIDERED FOR REFERENCE PURPOSES ONLY AND NOT FOR CONSTRUCTION UNLESS APPROVED.		
BP	22.12.22	ISSUED FOR BUILDING PERMIT		A.A.	P.T.			
REV No.	DATE	DESCRIPTION		BY	APPR.			



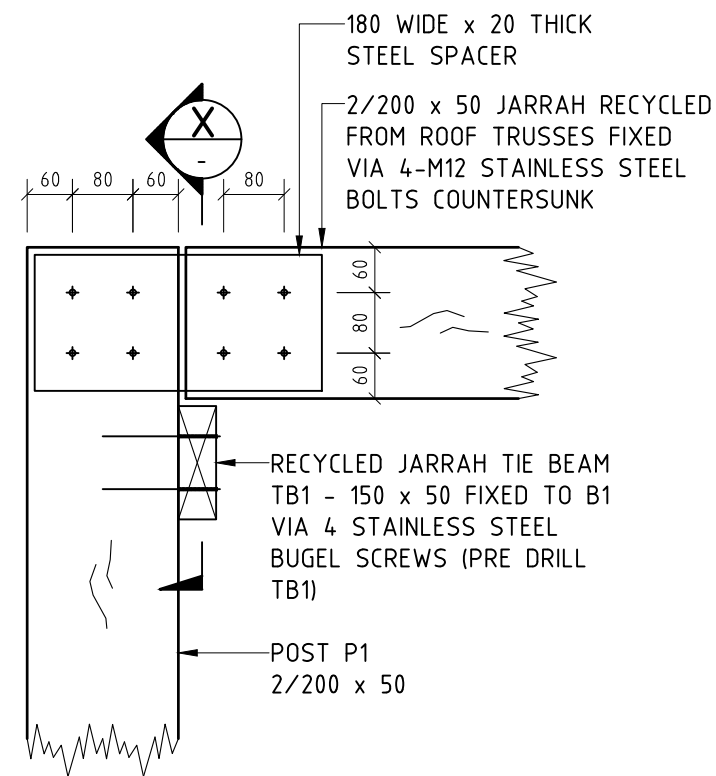
ARBOR STRUCTURAL FRAMING PLAN 1:100

MEMBER SCHEDULE	
ITEM	MEMBER
P1	2/200 x 50 POST
B1	2/200 x 50 RECYCLED JARRAH BEAM
TB1	150 x 50 RECYCLED JARRAH TIE BEAM

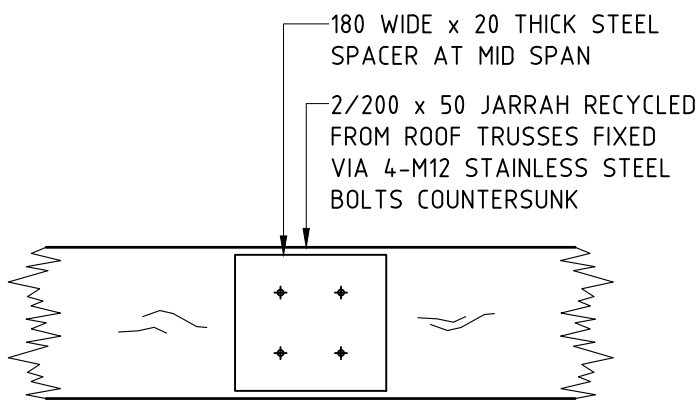
NOTE: ALL STEEL SPACER TO BE STAINLESS STEEL FINISH TO HIGH CORROSION COASTAL ENVIRONMENT STANDARD



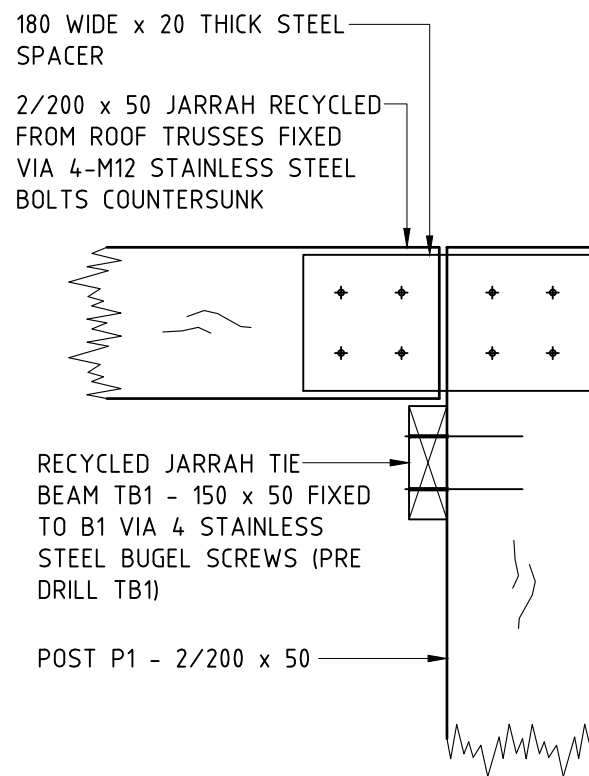
SECTION A-A
1:100



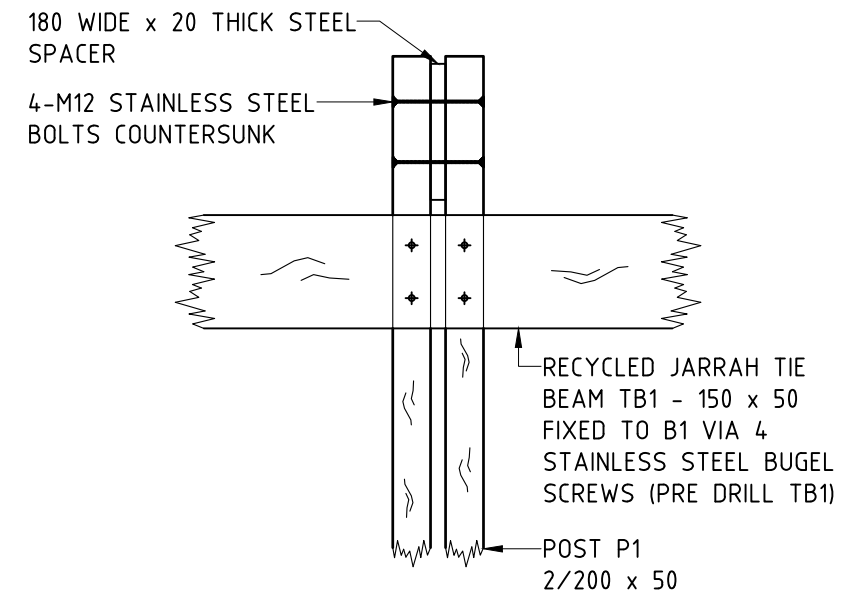
DETAIL 1
1:10



DETAIL 2
1:10



DETAIL 3
1:10



SECTION X-X
1:10

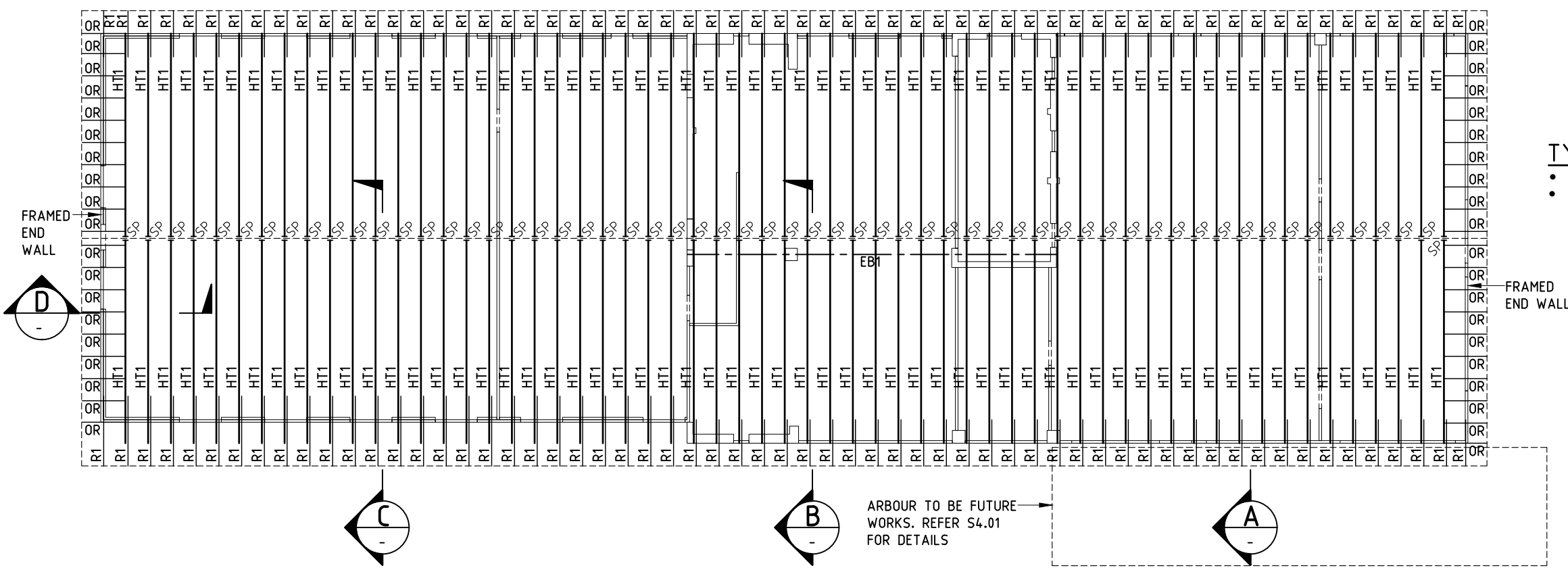


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REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
1	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	ARBOR STRUCTURAL FRAMING PLAN, SECTIONS AND DETAILS

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S4.01
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:100
APPROVED:		CAD REF:	user: 14525S4.01.dwg 16/12/2022 10:14 AM
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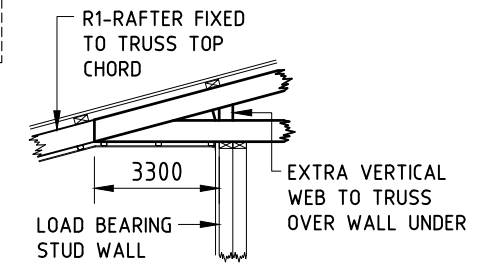


ROOF TRUSS LAYOUT PLAN 1:200

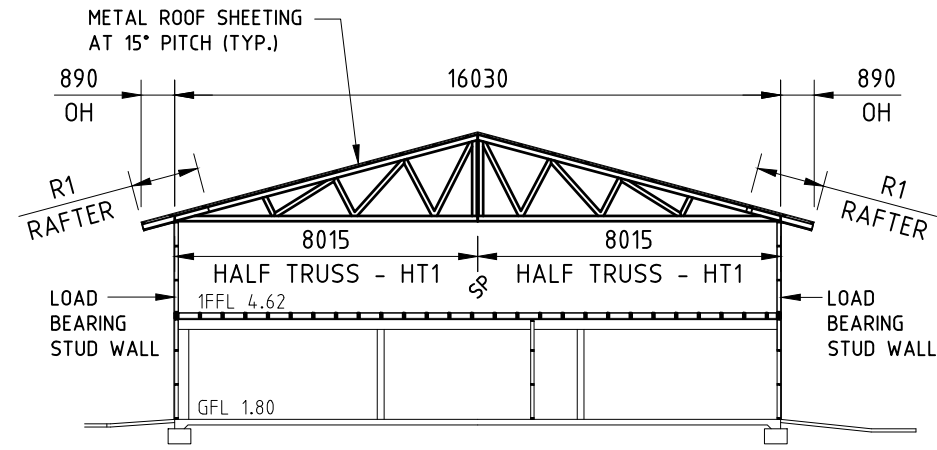
- HT1 - TRUSSES AT 900 MAX. CRS.
- R1 - RAFTERS AT 900 MAX. CTS.
- OR - OUTRIGGERS AT 900 MAX. CRS.
- SP - DENOTES SPLICE CONNECTION

TYP. HT1 - HALF TRUSS SECTION 1:200

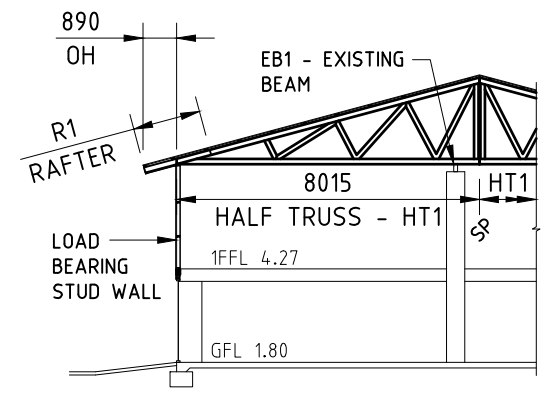
- TRANSPORT VIA SHIP - STACKED ON DECK AS BREAK BULK.
- SEE S5.02 FOR STACKED LAYOUT PLAN.



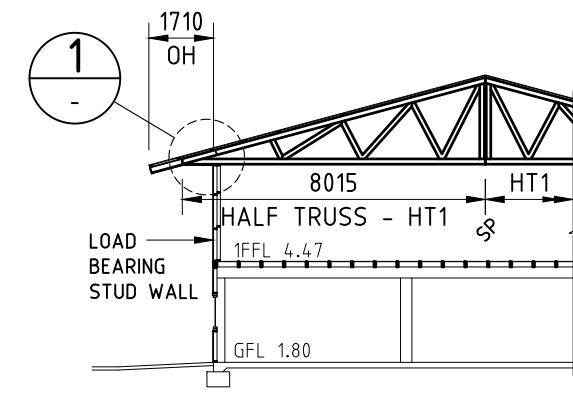
DETAIL 1
1:50



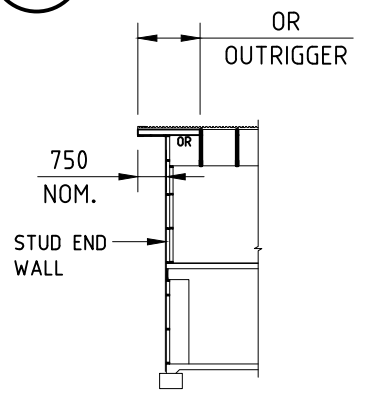
SECTION A
1:200



SECTION B
1:200



SECTION C
1:200



SECTION D
1:200

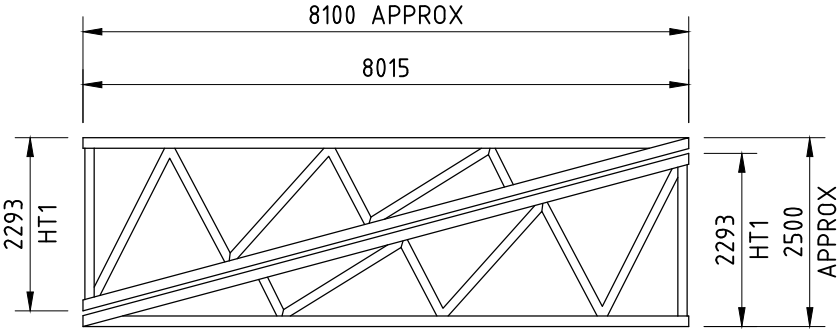


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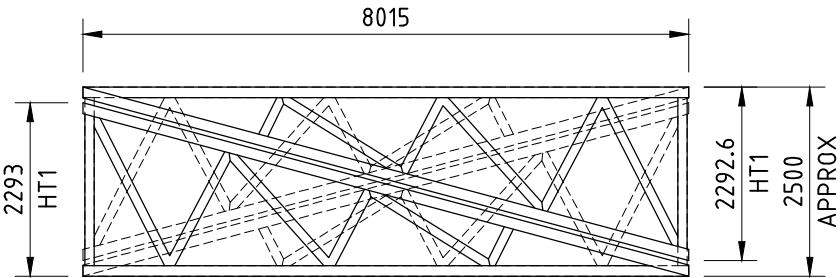
REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
2	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.
1	13.09.22	ISSUED FOR PRICING	J.S.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	ROOF TRUSS LAYOUT PLAN, SECTIONS AND DETAILS

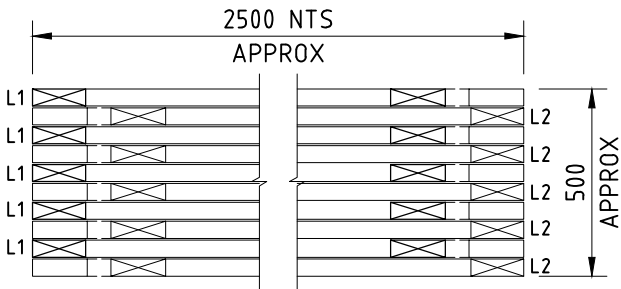
DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	J.S.	DRAWING No:	S5.01
CHECKED:	P.T.	REVISION No:	BP
DATE:	JULY 2022	SCALE:	1:200
APPROVED:		CAD REF:	user 14525501.dwg 16/12/2022 10:14 AM
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HT1 - STACKING LAYER 1 (L1)

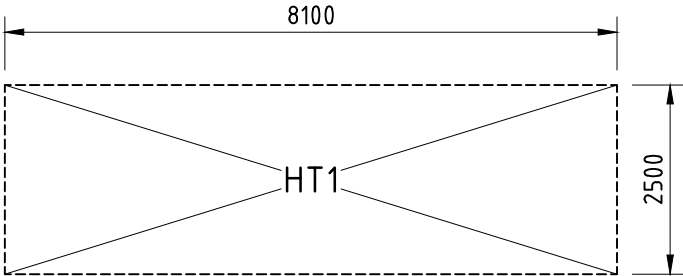


HT1 - STACKING LAYER 2 (L2)

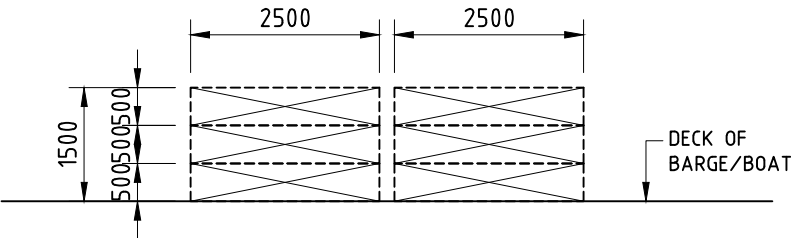


HT1 - TRANSPORT BUNDLE

10 x 2 - TOTAL 20 - HTI TRUSSES
APPROX. WEIGHT PER T1 = 100kg
APPROX. WEIGHT PER BUNDLE = 2.0 TONNES



PLAN VIEW



SECTION

DECK STACKING GUIDE ONLY

6 x 1 BUNDLE (20) = TOTAL 118 - HT1 TRUSSES
APPROX. WEIGHT = 11.8 TONNES

TRANSPORT (STACKED FLAT ON DECK)

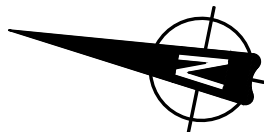
TOTAL NUMBER OF TRUSSES = 59
TOTAL No OF TRUSS TYPE HT1 = 118 OFF, (APPROX. 6 BUNDLES)
APPROX. TOTAL WEIGHT = 11.8 TONNES



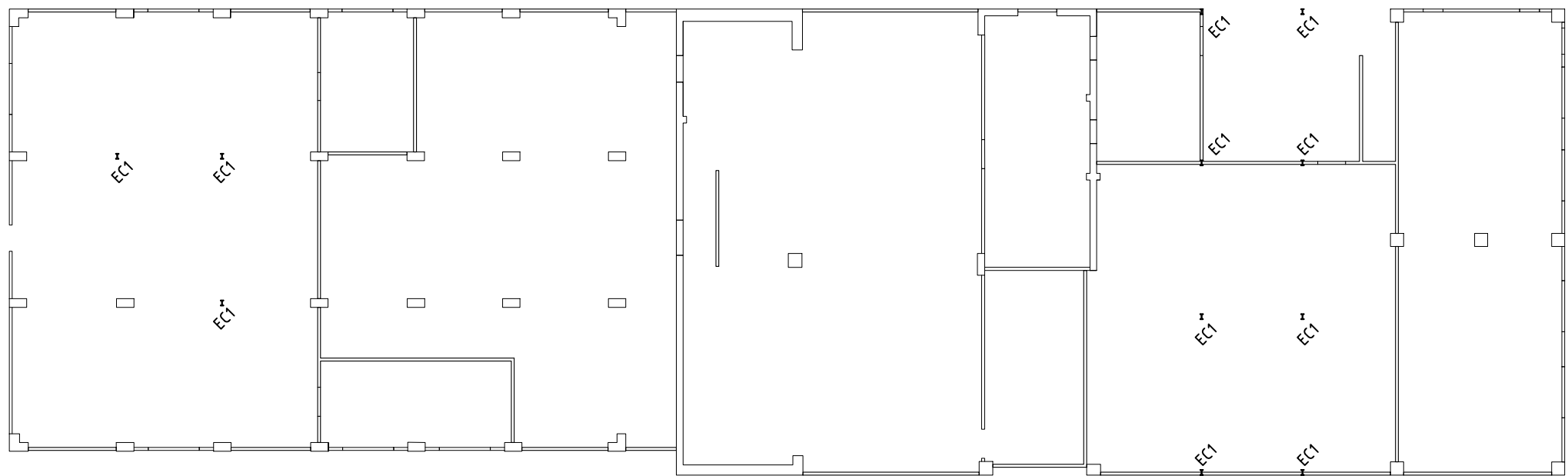
ph. (08) 9389 7228 | f. (08) 9389 7221
info@terpkos.com.au | www.terpkos.com
Unit 10/18 Stirling HWY Nedlands Perth, WA 6009

REV No.	DATE	DESCRIPTION	BY	APPR.
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.
2	03.10.22	ISSUED FOR COORDINATION	A.A.	P.T.
1	13.09.22	ISSUED FOR PRICING	J.S.	P.T.

CLIENT:	SHIRE OF COCOS KEELING ISLANDS	DESIGNED:	P.T.	PROJECT No:	14525
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS	DRAWN:	J.S.	DRAWING No:	S5.02
TITLE:	TRUSSES HT1 TRANSPORT (STACKED ON DECK)	CHECKED:	P.T.	REVISION No:	BP
		DATE:	JULY 2022	SCALE:	1:100
		APPROVED:		CAD REF:	JS - 145255502.dwg 22/12/2022 4:01 PM
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GROUND FLOOR REMOVAL WALL PLAN 1:200

- ——— - DENOTES EXISTING WALL TO BE DEMOLISHED.
- ——— - DENOTES EXISITING WALL.
- EC1 - DENOTES 178 x 96 TFB EXISTING COLUMN.

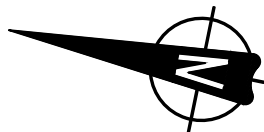


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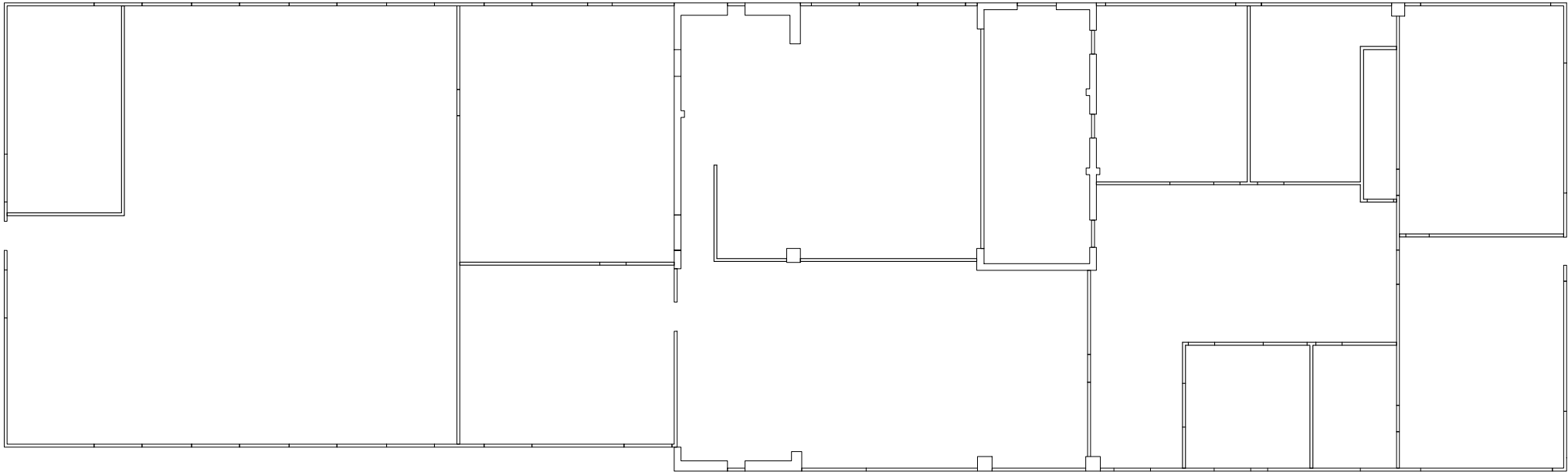
BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.	
REV No.	DATE	DESCRIPTION	BY	APPR.	

CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	GROUND FLOOR REMOVAL WALL PLAN

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S6.01
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:200
APPROVED:		CAD REF:	JS 14525S601.dwg 22/12/2022 4:01 PM
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FIRST FLOOR REMOVAL WALL PLAN 1:200

- ——— - DENOTES EXISTING WALL TO BE DEMOLISHED.
- ——— - DENOTES EXISTING WALL.

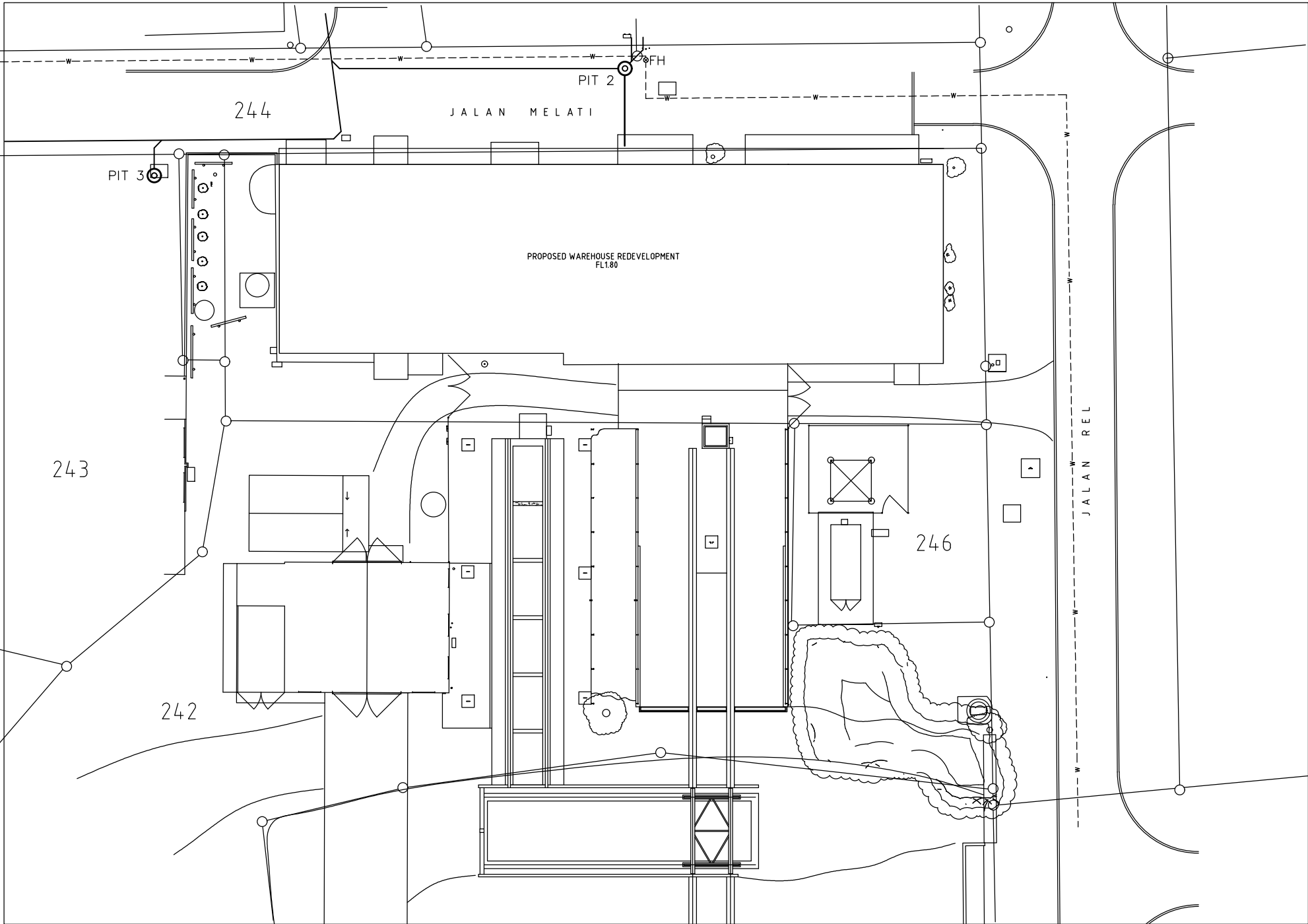


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BP	22.12.22	ISSUED FOR BUILDING PERMIT	A.A.	P.T.	
REV No.	DATE	DESCRIPTION	BY	APPR.	

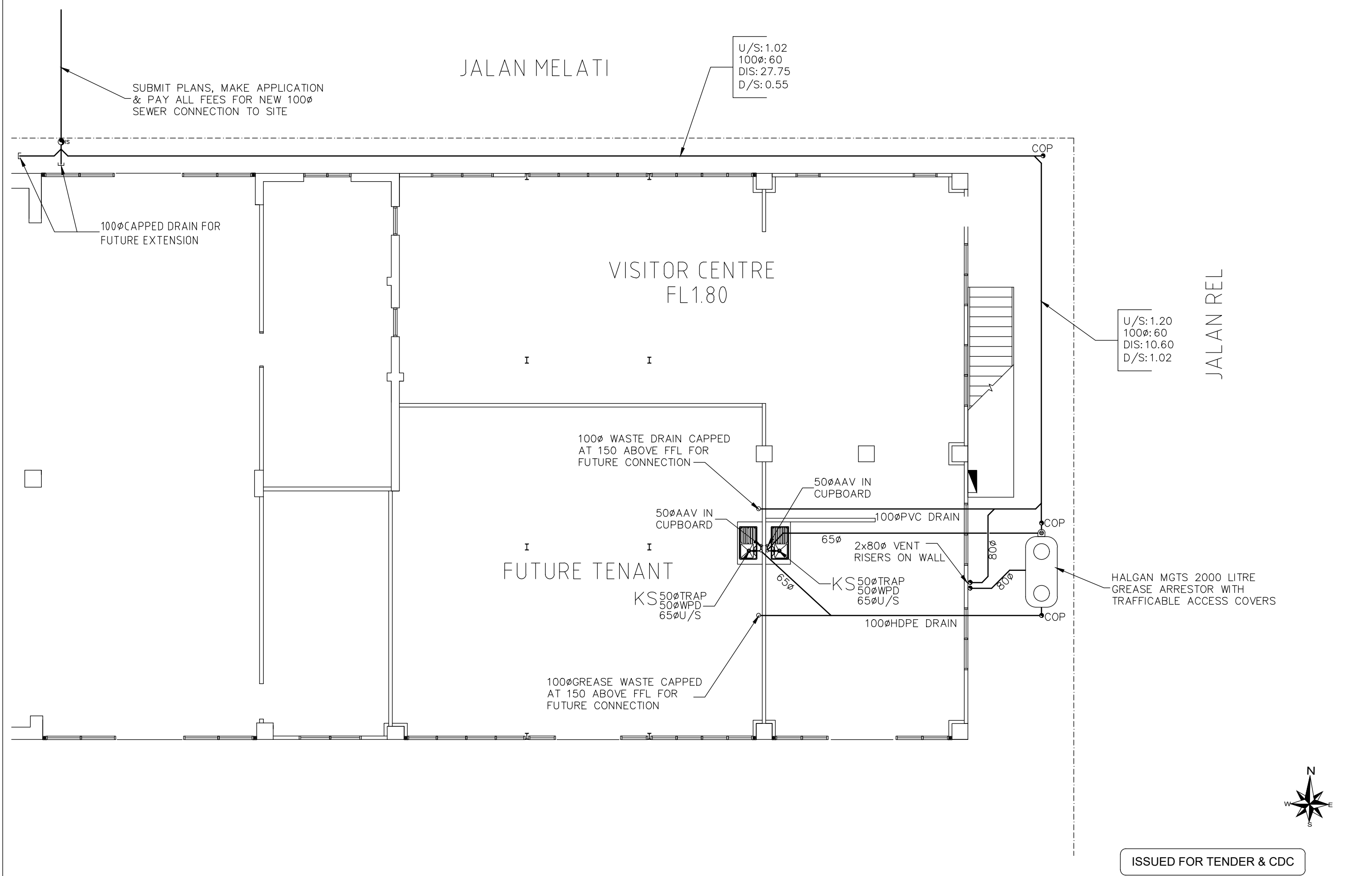
CLIENT:	SHIRE OF COCOS KEELING ISLANDS
PROJECT:	WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, COCOS KEELING ISLANDS
TITLE:	FIRST FLOOR REMOVAL WALL PLAN

DESIGNED:	P.T.	PROJECT No:	14525
DRAWN:	A.A.	DRAWING No:	S6.02
CHECKED:	P.T.	REVISION No:	BP
DATE:	SEP 2022	SCALE:	1:200
APPROVED:		CAD REF:	JS 14525S601.dwg 22/12/2022 4:01 PM
THIS DRAWING SHALL BE CONSIDERED FOR REFERENCE PURPOSES ONLY AND NOT FOR CONSTRUCTION UNLESS APPROVED.			



ISSUED FOR TENDER & CDC

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ISSUED FOR TENDER & CDC

JALAN MELATI

VISITOR CENTRE
FL1.80

JALAN REL

STIEBEL ELTRON DHE-18-AU, 3 PHASE
ELECTRIC CONTINUOUS FLOW HOT WATER
UNITS MOUNTED IN CUPBOARD (POWER
19.4Kw, 27A/PHASE)

FUTURE TENANT

25Ø ISOLATING VALVE IN
CEILING VOID FOR FUTURE
EXTENSION

25Ø CW RISER
IN WALL

25Ø CW

20Ø CWD

25Ø CW SERVICE
IN CEILING VOID

15Ø HOSE COCK & VACUUM
BREAKER ON WALL

SUBMIT PLANS MAKE APPLICATION &
PAY ALL FEES TO WATER CORPORATION
FOR NEW 25Ø SUPPLY CONNECTION &
METER. (FLOW RATE 40LPM)

25Ø WATER
METER

INSTALL 25Ø RPZ BACKFLOW
PREVENTION DEVICE WITH
PROTECTIVE CAGE



ISSUED FOR TENDER & CDC

CARRINGTON ASSOCIATES
HYDRAULIC SERVICES CONSULTANTS

300 ALBANY HIGHWAY VICTORIA PARK WA 6151 PH: 6142 2184
P.O. BOX 605 VICTORIA PARK WA 6979 MOB: 04 1796953
Email: carres@inet.net.au

CLIENT



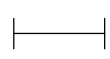
The Stage, Old Railway Institute Building
62 Wittenoom Street, Bunbury, WA, 6230
T: (08) 97916993 E: reception@mcgarchitects.com.au

PROJECT
WATERFRONT WAREHOUSE DEVELOPMENT
JALAN MELATI, HOME ISLAND, COCUS (KEELING) ISLANDS

DRAWING TITLE
Floor Plan - Water Services Arrangement

DRAWN	PDC/MC	DATE	JULY 2022	CHECKED	PDC	PROJECT No	035-21	DATE OF ISSUE	18.07.2022	DRG No	H2.02	ISSUE No	B
SCALES		1:100@A3											

LIGHTING SYMBOLS (REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS)

- 

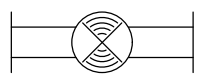
SURFACE MOUNTED LUMINAIRE Nom. 600mm LONG.
- 

SURFACE MOUNTED LUMINAIRE Nom. 1200mm LONG .
- 

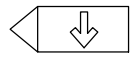
SURFACE MOUNTED LUMINAIRE
- 

WALL MOUNTED LUMINAIRE.
- 

RECESSED EMERGENCY LUMINAIRE.
- 

SURFACE MOUNTED EMERGENCY LUMINAIRE.
- 

EMERGENCY LUMINAIRE - SURFACE MOUNTED.
- 

SINGLE SIDED EXIT SIGN
- 

(ARROW SHOWS DIRECTION)
- 

DOUBLE SIDED EXIT SIGN
- 

(ARROW SHOWS DIRECTION)
- 

WALL MOUNTING BRACKET. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS.

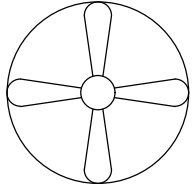
COMMUNICATIONS SYMBOLS

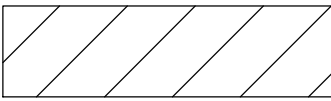
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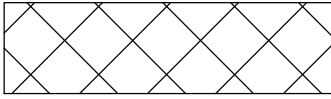
SINGLE RJ45, COMMUNICATIONS SOCKET OUTLET MOUNTED AT 300AFF UOS.
- 

RJ45, COMMUNICATIONS SOCKET OUTLET MOUNTED AT 300AFF UOS.
'n' DENOTES NUMBER OF OUTLETS TO EACH WALL PLATE. MAXIMUM 4 OUTLETS.

MISCELLANEOUS SYMBOLS

- 

CIRCULATING FAN 1200mm (UNLESS OTHERWISE STATED)
- 

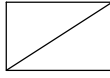
POWER CABLE TRAY
SIZE AS INDICATED
- 

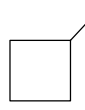
COMMUNICATIONS CABLE TRAY
SIZE AS INDICATED

POWER SYMBOLS

- 

SMSB SITE MAIN SWITCHBOARD.
- 

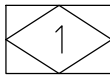
MSB SWITCHBOARD.
MSB = MAIN SWITCHBOARD
BMSB = BUILDING MAIN SWITCHBOARD
MSSB = MECHANICAL SERVICES SWITCHBOARD
PFC = POWER FACTOR CUBICLE
DB = DISTRIBUTION BOARD
- 

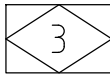
LC LOAD CENTRE
- 

POINT OF ATTACHMENT - ELECTRICAL
(LIAISE WITH SUPPLY AUTHORITY FOR EXACT REQUIREMENTS BEFORE INSTALLING ANY SERVICES)
- 

SINGLE GENERAL PURPOSE SOCKET OUTLET MOUNTED AT 300AFF UOS
- 

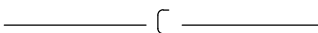
DOUBLE GENERAL PURPOSE SOCKET OUTLET MOUNTED AT 300AFF UOS

- 

SINGLE PHASE WEATHERPROOF ISOLATOR MOUNTED ADJACENT TO THE UNIT. CONFIRM THE EXACT LOCATION AND ELECTRICAL LOAD ON SITE PRIOR TO INSTALLATION.
- 

THREE PHASE WEATHERPROOF ISOLATOR MOUNTED ADJACENT TO THE UNIT. CONFIRM THE EXACT LOCATION AND ELECTRICAL LOAD ON SITE PRIOR TO INSTALLATION.
- 

UNDERGROUND POWER CONDUIT
- 

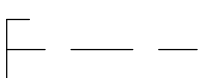
UNDERGROUND TELSTRA CONDUIT
- 

UNDERGROUND COMMUNICATIONS CONDUIT
- 

UNDERGROUND NBN CONDUIT
- 

EXISTING UNDERGROUND POWER CONDUIT
- 

EXISTING UNDERGROUND COMMUNICATIONS CONDUIT
- 

CABLE ROUTE IN CEILING VOID
- 

DENOTES CONDUIT CAPPED OFF UNDERGROUND
- 

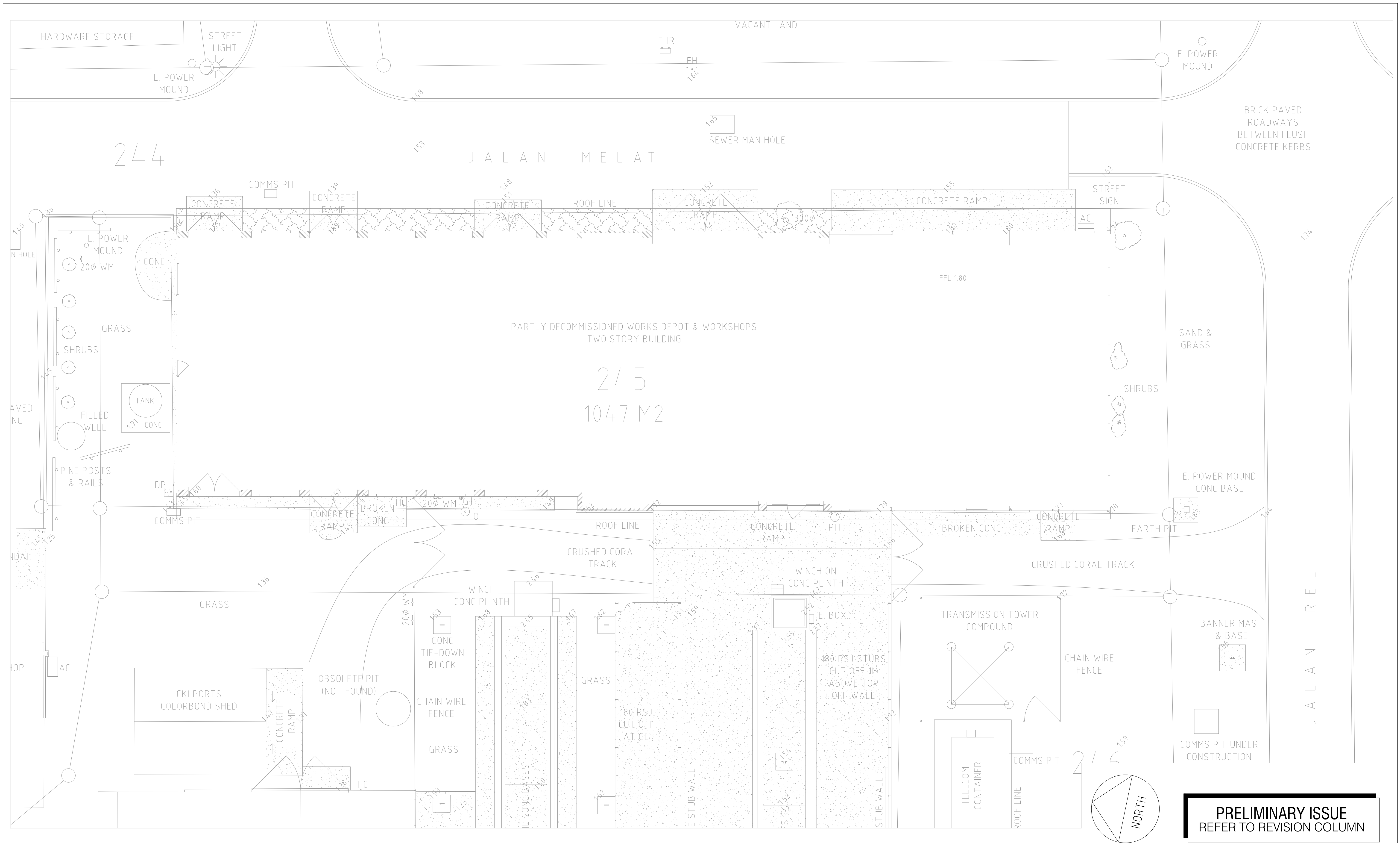
CABLE RISER/DROPPER
- 

POWER PIT
- 

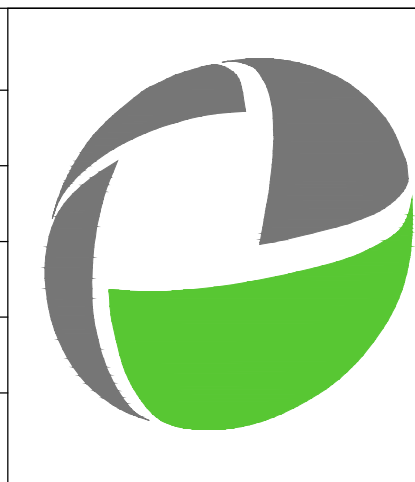
COMMUNICATIONS PIT

PRELIMINARY ISSUE
REFER TO REVISION COLUMN

				 BEST Consultants BUILDING ENGINEERING SERVICES + TECHNOLOGY 575 NEWCASTLE ST, WEST PERTH, 6005 T: +61 8 9227 0300 E: info@bestconsultants.com.au www.bestconsultants.com.au	COCOS KEELING ISLANDS WATERFRONT WAREHOUSE REDEVELOPMENT JALAN MELATI, HOME ISLAND, CKI LEGEND PLOT DATE: Dec-22-22	DRAWN	GB	BEST PROJECT N°: DRAWING No. E.01 B	
						CHECKED			
						APPROVED		DESIGNED	DATE DEC 2022
B	22.12.22	PROGRESS ISSUE	AH			SCALE NTS (A3)			
A	08.09.22	PROGRESS ISSUE	AH						
REV	DATE	DESCRIPTION	CHECK						



A	22.12.22	PROGRESS ISSUE	AH
REV	DATE	DESCRIPTION	CHECK



BEST Consultants

BUILDING ENGINEERING SERVICES + TECHNOLOGY

575 NEWCASTLE ST, WEST PERTH, 6005

T: +61 8 9227 0300

E: info@bestconsultants.com.au

www.bestconsultants.com.au

COCOS KEELING ISLANDS

WATERFRONT WAREHOUSE REDEVELOPMENT

JALAN MELATI, HOME ISLAND, CKI

ELECTRICAL SERVICES

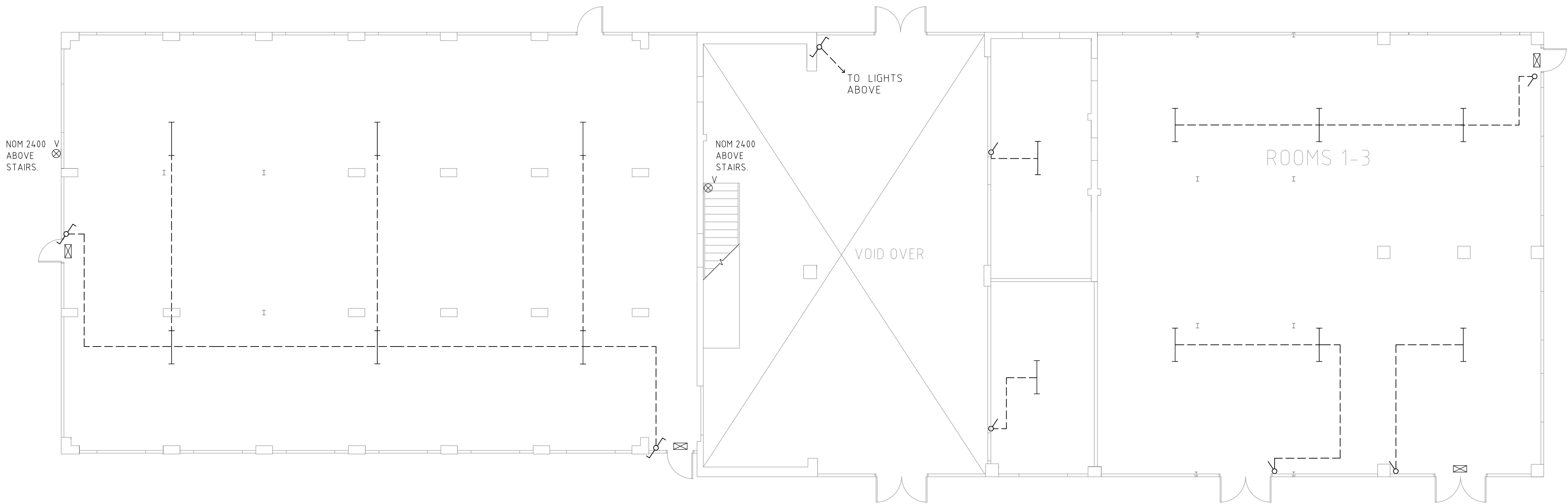
SITE PLAN

PLOT DATE: Dec-22-22

DRAWN	GB	BEST PROJECT N°:	
CHECKED		DRAWING No. E.02 A	
APPROVED		DESIGNED	DATE DEC 2022
SCALE 1:200 (A3)			

NOTES

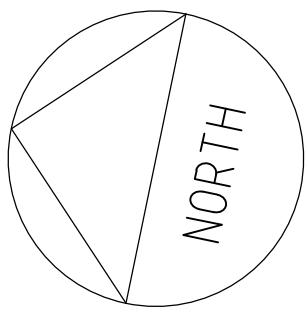
1. REFER TO DRAWING E.01 FOR LEGEND OF SYMBOLS.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS AND DRAWINGS.
3. LOCATIONS ARE INDICATIVE ONLY. CONFIRM EXACT LOCATIONS ON SITE WITH THE SUPERINTENDENT AND RELEVANT TRADE PRIOR TO INSTALLATION.



LIGHTING LAYOUT



POWER AND COMMUNICATIONS LAYOUT



PRELIMINARY ISSUE
REFER TO REVISION COLUMN

B	22.12.22	PROGRESS ISSUE	AH
A	08.09.22	PROGRESS ISSUE	AH
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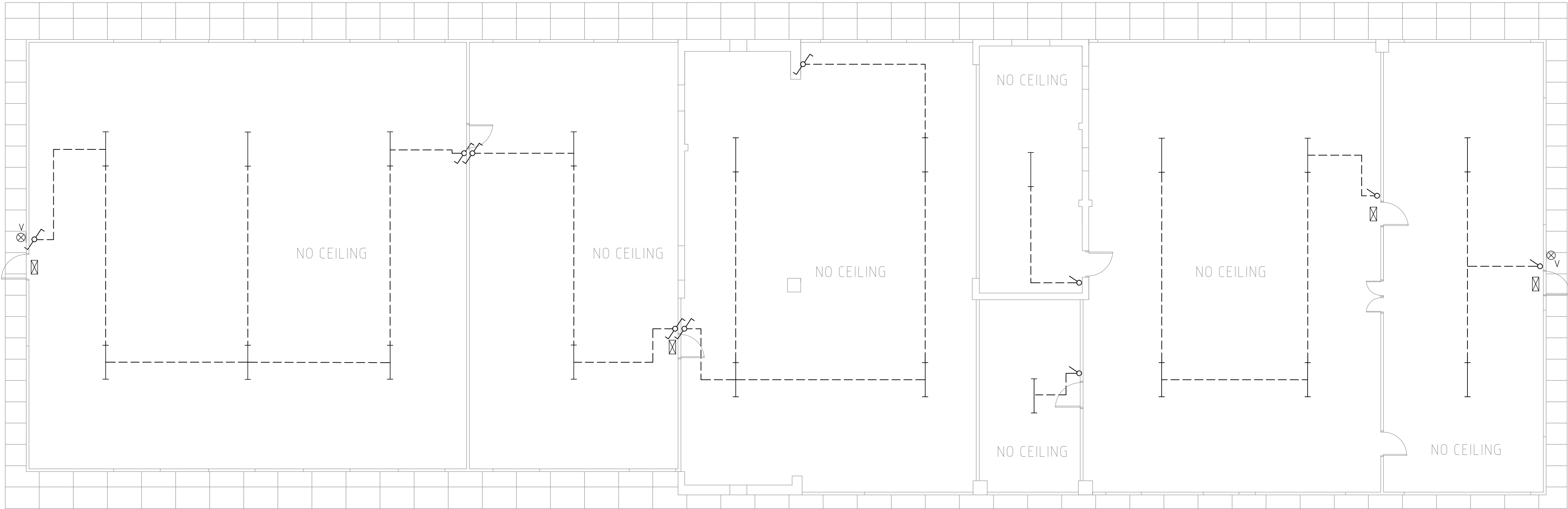
COCOS KEELING ISLANDS
WATERFRONT WAREHOUSE REDEVELOPMENT
JALAN MELATI, HOME ISLAND, CKI
ELECTRICAL SERVICES
GROUND FLOOR

PLOT DATE: Dec-22-22

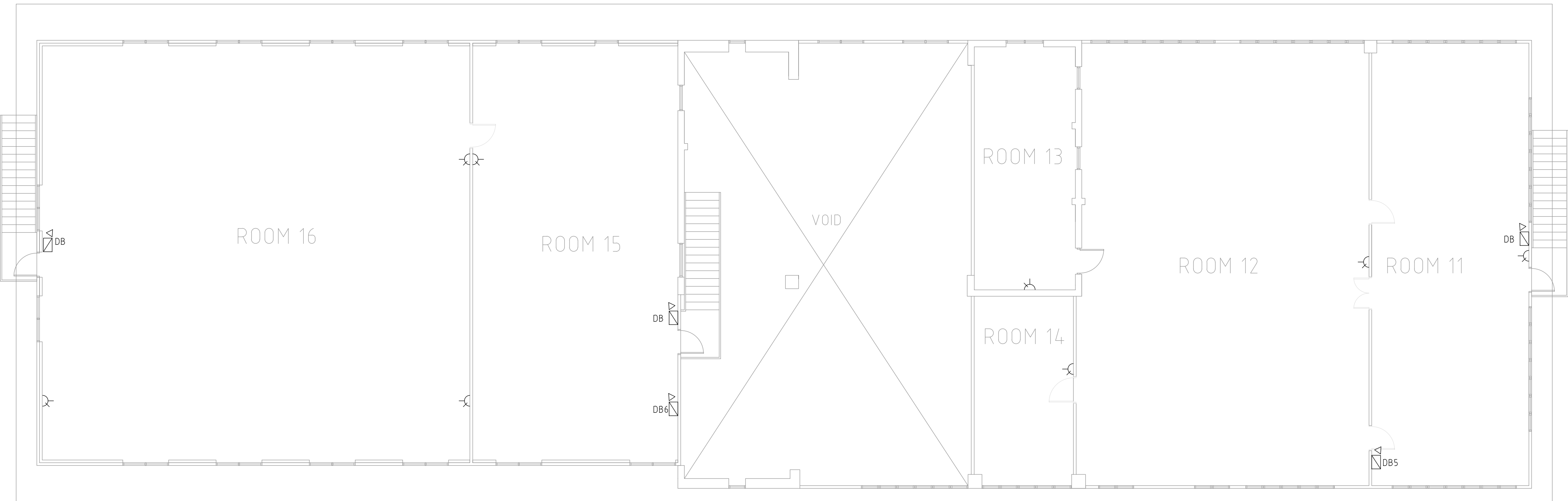
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APPROVED		SCALE 1:200 (A3)	
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NOTES

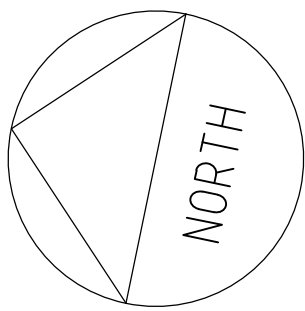
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FIRST FLOOR

PLOT DATE: Dec-22-22

DRAWN	GB	BEST PROJECT N°: DRAWING No. E.04 B	
CHECKED		DESIGNED	DATE DEC 2022
APPROVED		SCALE 1:200 (A3)	