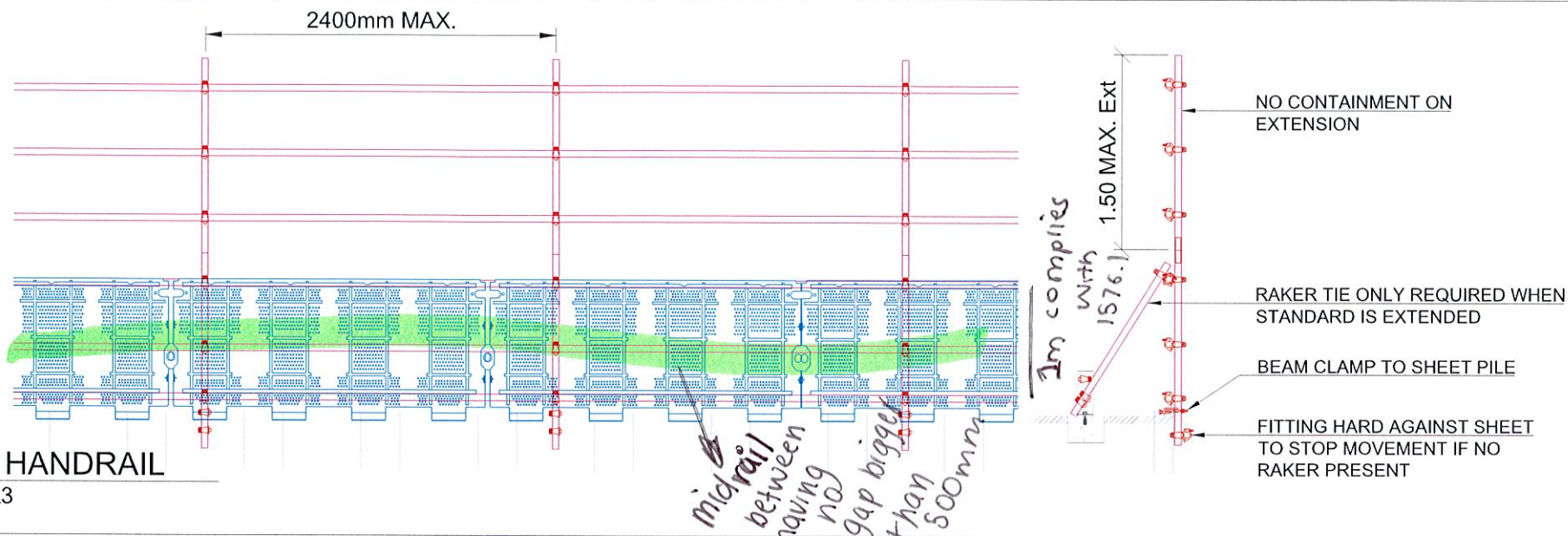
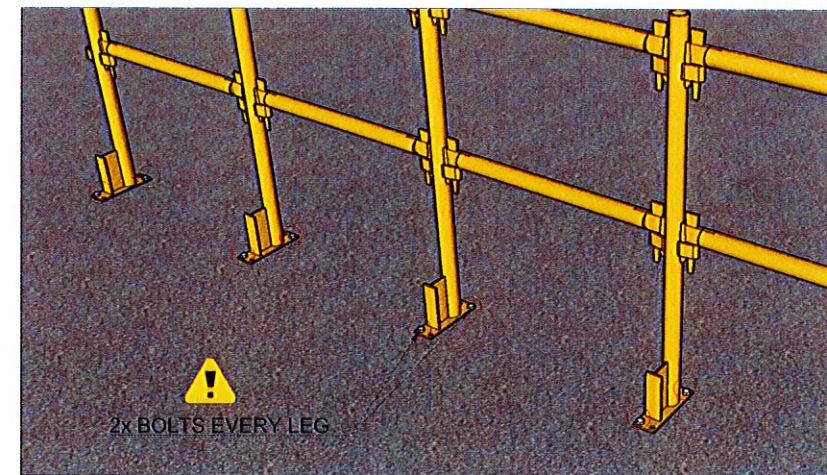


- NOTES:
1. CONTAINMENT 1m HIGH ONLY. CONSULT ENGINEER IF ADDITIONAL CONTAINMENT REQUIRED.
 2. MAXIMUM HANDRAIL EXTENSION HEIGHT SHOWN (IF REQUIRED). RAKER ALL LEGS IF EXTENSION REQUIRED.
 3. ENSURE KICKBOARD INSTALLED OR TUBE INSTALLED IN PLACE OF KICKBOARD

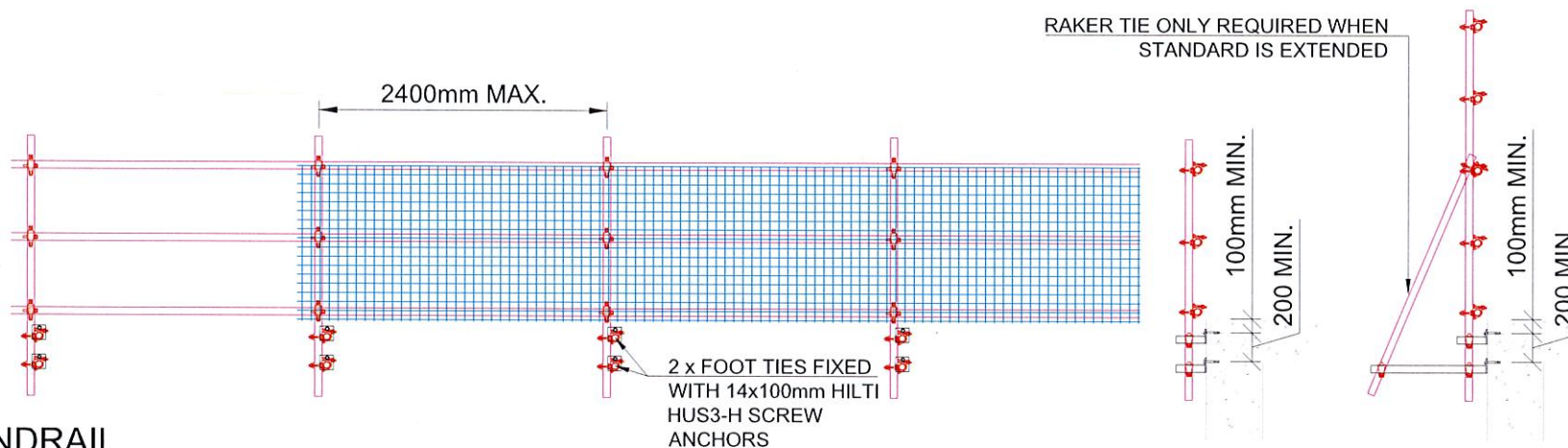


- SHEET PILE HANDRAIL
- SCALE 1:200 @ A3



- TYPICAL KWIKSTAGE BOLT PATTERN
- KICKBOARDS REMOVED TO SHOW BOLT PATTERN

- NOTES:
1. 2 x FOOT TIES PER STANDARD FIXED WITH 14x100 HILTI HUS3-H SCREW ANCHORS.
 2. CONTAINMENT 1m HIGH ONLY. CONSULT ENGINEER IF ADDITIONAL CONTAINMENT REQUIRED.
 3. CONSULT ENGINEER FOR ADDITIONAL HEIGHT/HANDRAILS.
 4. ENSURE KICKBOARD INSTALLED OR TUBE INSTALLED IN PLACE OF KICKBOARD.

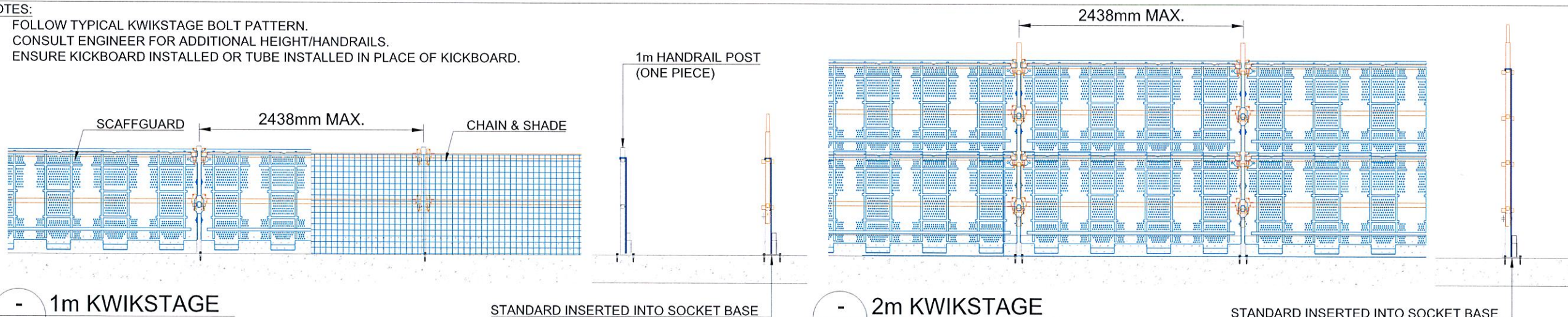


- FACE FIXED HANDRAIL
- SCALE 1:200 @ A3

GENERAL HANDRAIL REQUIREMENTS

1. ALL HANDRAIL POSTS MUST BE ADEQUATELY SECURED TO THE SUPPORTING STRUCTURE USING (2x) 13x100mm BOA COILS **OR** (2x) HILTI HUS3-H 10x80mm SCREW IN ANCHORS. (DO NOT MIX BOLT TYPES ON THE SAME POST)
2. CONSULT SUPERVISORS OR ENGINEER IF ADDITIONAL SCAFFOLD HANDRAILING IS REQUIRED.
3. RAKERS MUST BE INSTALLED WHERE SHOWN.
4. CONTAINMENT MUST NOT EXCEED 2m IN HEIGHT.

- NOTES:
1. FOLLOW TYPICAL KWIKSTAGE BOLT PATTERN.
 2. CONSULT ENGINEER FOR ADDITIONAL HEIGHT/HANDRAILS.
 3. ENSURE KICKBOARD INSTALLED OR TUBE INSTALLED IN PLACE OF KICKBOARD.



- 1m KWIKSTAGE
- SCALE 1:200 @ A3

- 2m KWIKSTAGE
- SCALE 1:200 @ A3

AMC Engineering Consultants Pty. Ltd.
ABN 33 605 969 926
ACN 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
M. 0405-034-262
E. admin@amceng.com.au
W. www.amceng.com.au

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4. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
5. Scaffold/Fallwork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.

APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: [Signature] Date: 17/08/2020
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

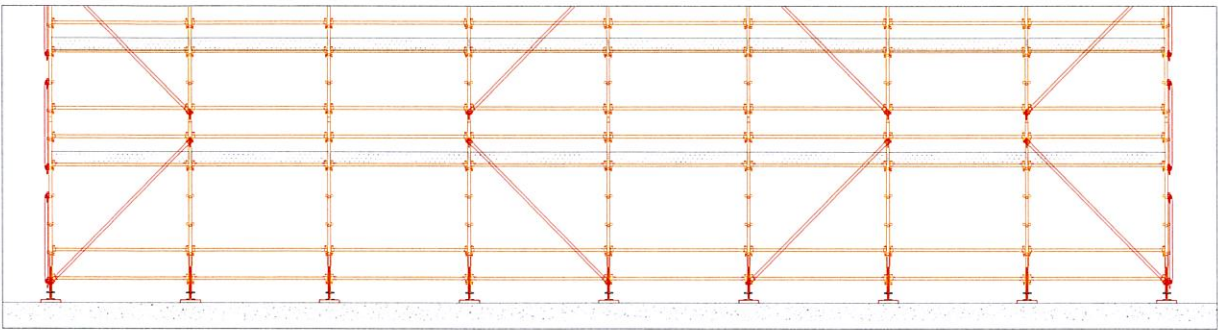
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SAQ SCAFFOLDING ASSOCIATION QUEENSLAND
QUALITY SAFETY
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details:	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL HANDRAILS COGENT SCAFFOLDING
Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawn/No:	COG-TYP-01
	COGENT SCAFFOLDING Unit 6, 368 Esmarsh Road Banyo Qld 4074 Phone T 1300 550 149 info@cocentcaffolding.com.au

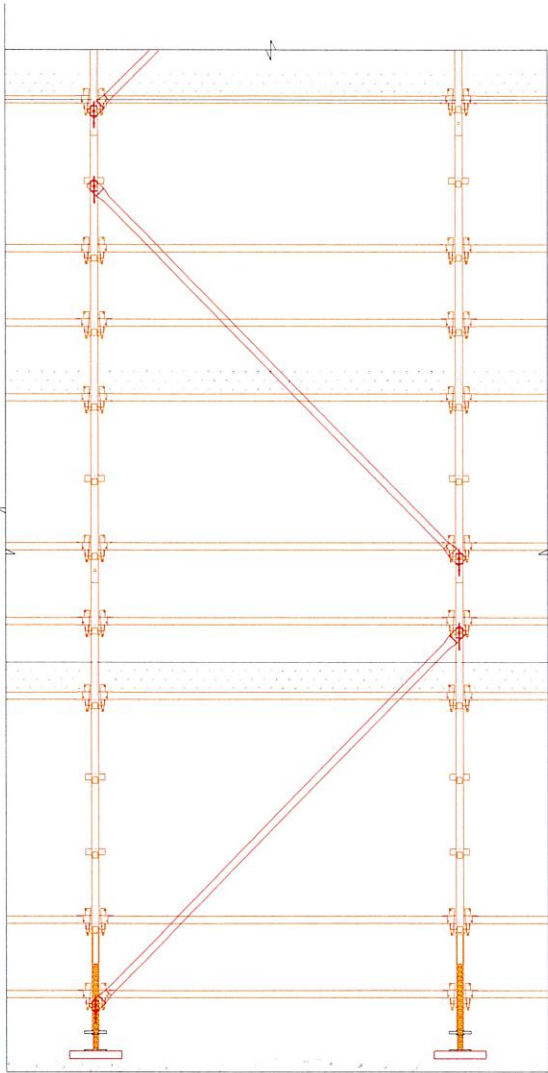
FACE BRACING



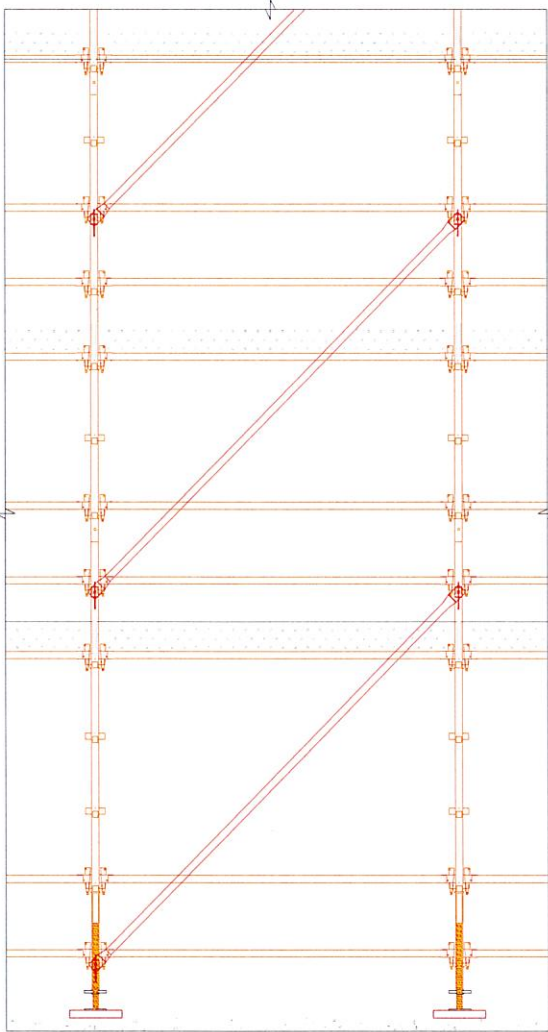
NOT TO SCALE - TYPICAL FACE BRACING FREQUENCY FRONT ELEVATION

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W: www.amceng.com.au

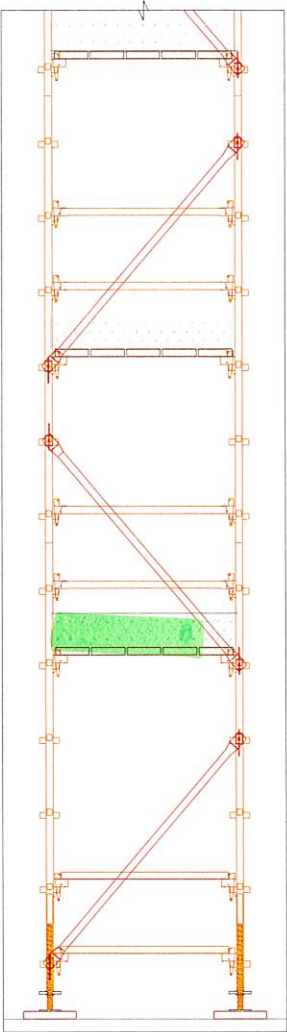
HEEL & TOE BRACING



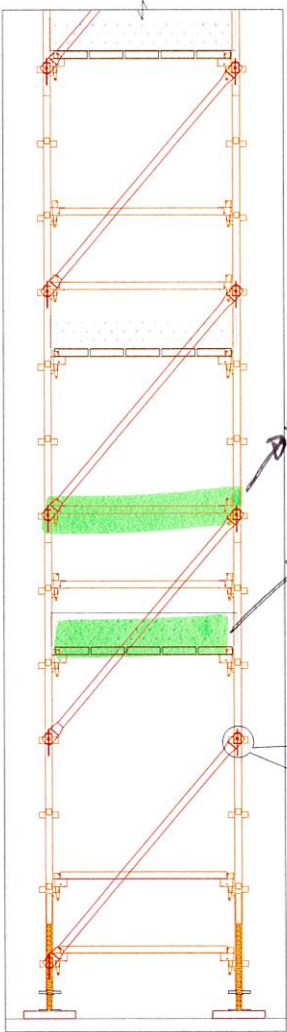
FRONT ELEVATION
ZIG ZAG FACE BRACE
SCALE 1:50 @ A3



FRONT ELEVATION
PARALLEL FACE BRACE
SCALE 1:50 @ A3



END ELEVATION
ZIG ZAG HEEL & TOE
SCALE 1:50 @ A3

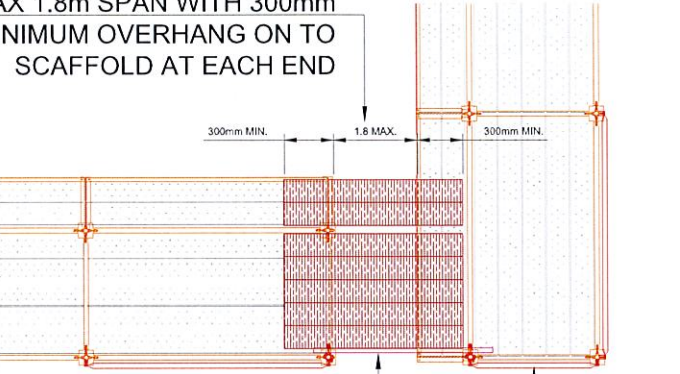


END ELEVATION
PARALLEL HEEL & TOE
SCALE 1:50 @ A3

amaral
complies with
AS/NZS
1576.1
toe boards

LAPPING RETURNS

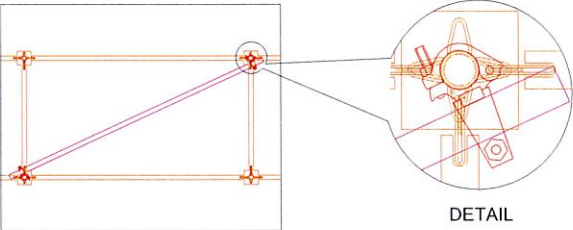
MAX 1.8m SPAN WITH 300mm
MINIMUM OVERHANG ON TO
SCAFFOLD AT EACH END



TUBE AND CLIP HANDRAIL
BRACING

PLAN VIEW
LAPPED RETURN
SCALE 1:75 @ A3

PLAN BRACING



PLAN VIEW
STEEL TUBE & 90° COUPLERS
SCALE 1:50 @ A3



FRONT ELEVATION
STEEL TUBE & 90° COUPLERS
SCALE 1:50 @ A3



ATTENTION: BRACING MUST BE APPLIED FROM THE
BOTTOM NODE TO A MINIMUM TOP WORKING DECK.



NOTE: USE ZIG ZAG CONFIGURATION UNLESS ADVISED
OTHERWISE TO USE PARALLEL SYSTEM.



ATTENTION: BRACING MUST BE INSTALLED EVERY FIRST &
LAST BAY, WITH A MINIMUM FREQUENCY OF EVERY THIRD BAY.

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- Responsibilities
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during the design process.
- Scaffold/Falsework/Formwork designed in accordance with
AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.

APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosca
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature: Date: 17/08/2020
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011



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CERTIFIED COMPANY : Registration Number: 254

**COGENT
SCAFFOLDING**
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

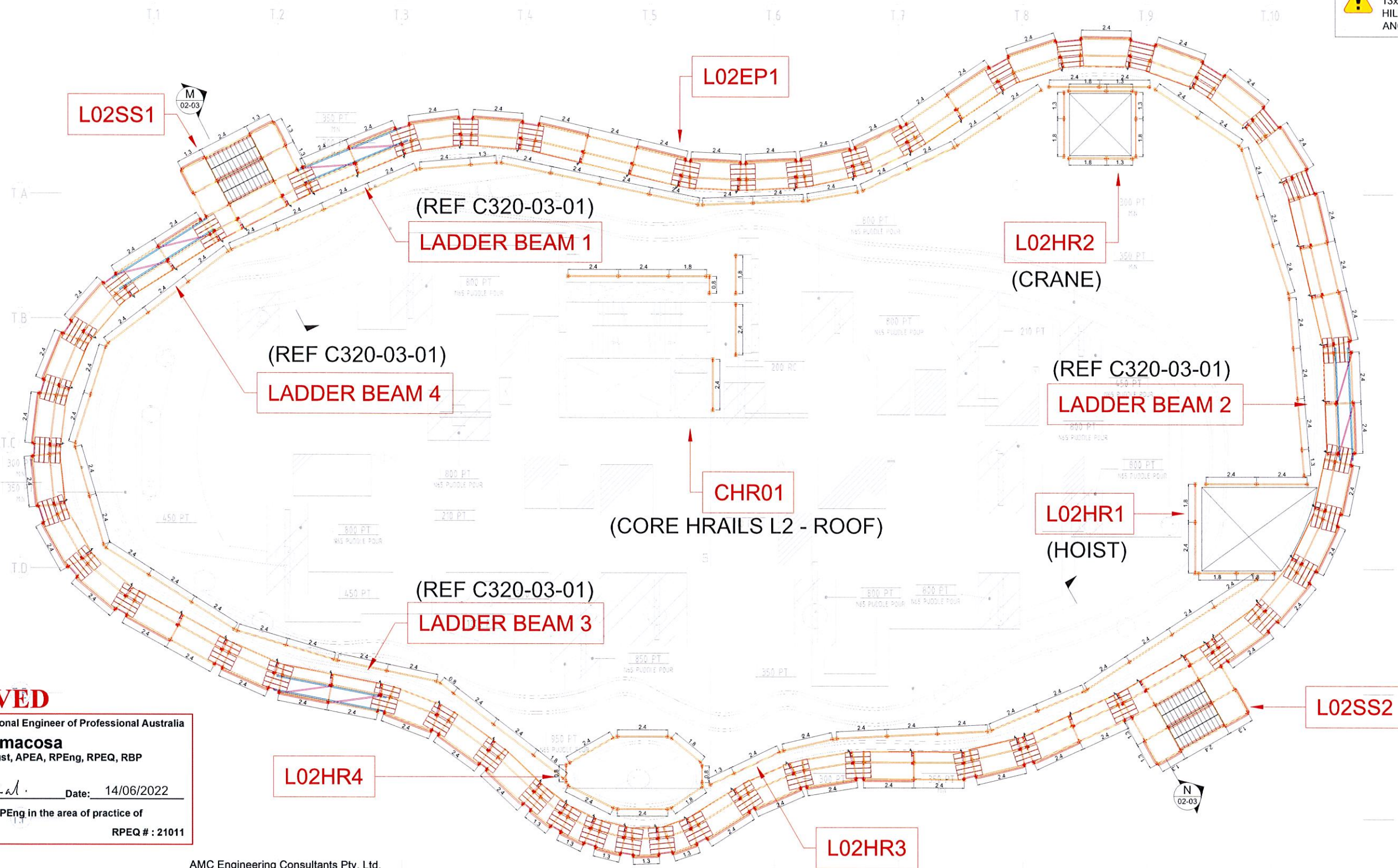
Details: COGENT TYPICAL DESIGNS
ALL PROJECTS
TYPICAL BRACING AND RETURNS
COGENT SCAFFOLDING

Drawn: RT
Date: 20/09/2019
Comments: -
Drawing No: COG-TYP-02

COGENT SCAFFOLDING
Unit 6, 368 Eumshaw Road
Banyo Qld 4514
Phone T 1300 550 149
info@cogentscaffolding.com.au

SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS



APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature: *[Signature]*

Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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-- LEVEL 02

-- SCALE 1:200 @ A3

I				
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B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

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2. Loads
Access
Working Lifts1.....No. @ .0.75 .kN/m²
Additional Lifts1.....No. @ .0.75 .kN/m²
Hop-Up Brackets1.....No. @ .0.75 .kN/m²

Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind ForcekN/m²

3. Foundations/Support

Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100



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FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KWIKSTAGE

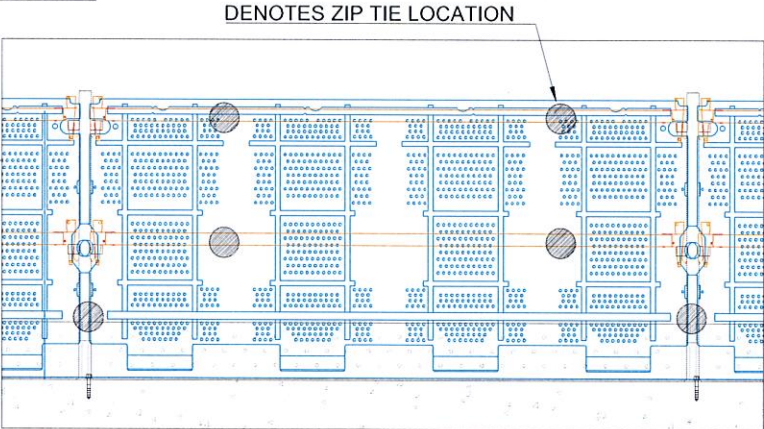
Drawn: RT
Date: 04/03/2022
Comments: -
Drawing No: C320-01-02

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Unit 6, 366 Eamshaw Road
Banyo QLD 4014
Phone T 1300 550 149
info@coagentscaffolding.com.au

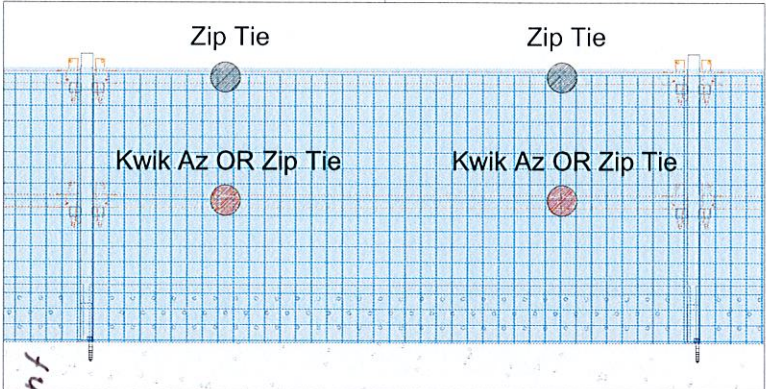
Bay	# Zips
2.4m	6
1.8m	6
1.2m	4
0.8m	4

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W: www.amceng.com.au

Bay	# Zips	KwikAz
2.4m	2	2
1.8m	2	2
1.2m	1	1
0.8m	1	1



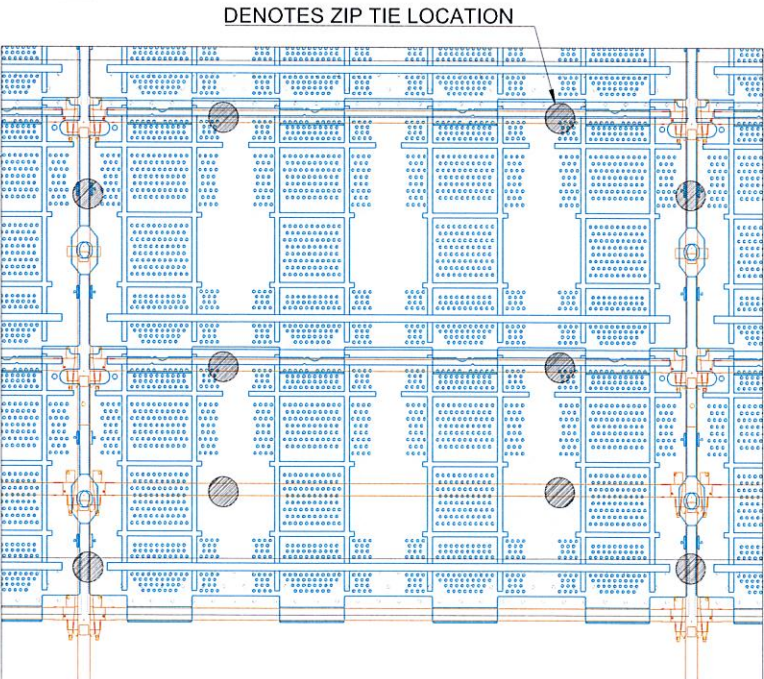
PLASTIC PANEL ELEVATION
SCALE 1:30 @ A3



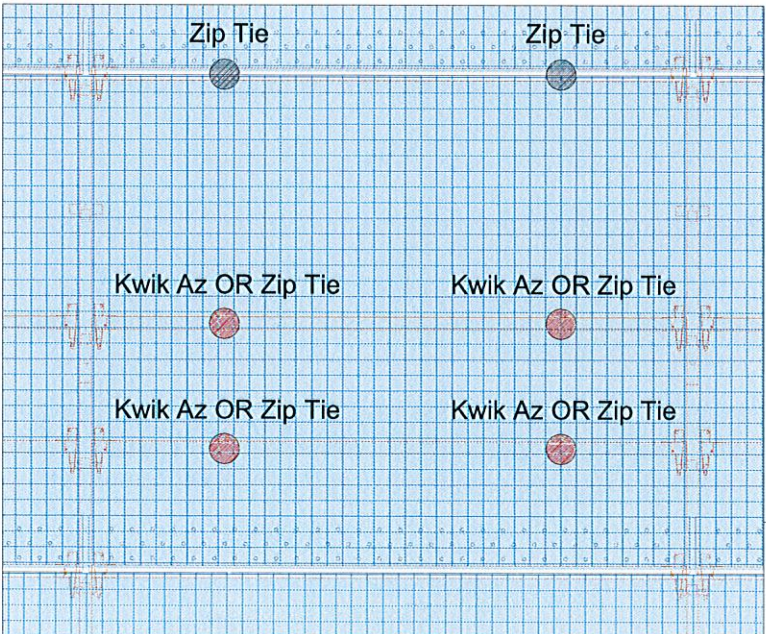
1m UNIMESH ELEVATION
SCALE 1:30 @ A3

Bay	# Zips
2.4m	10
1.8m	10
1.2m	7
0.8m	7

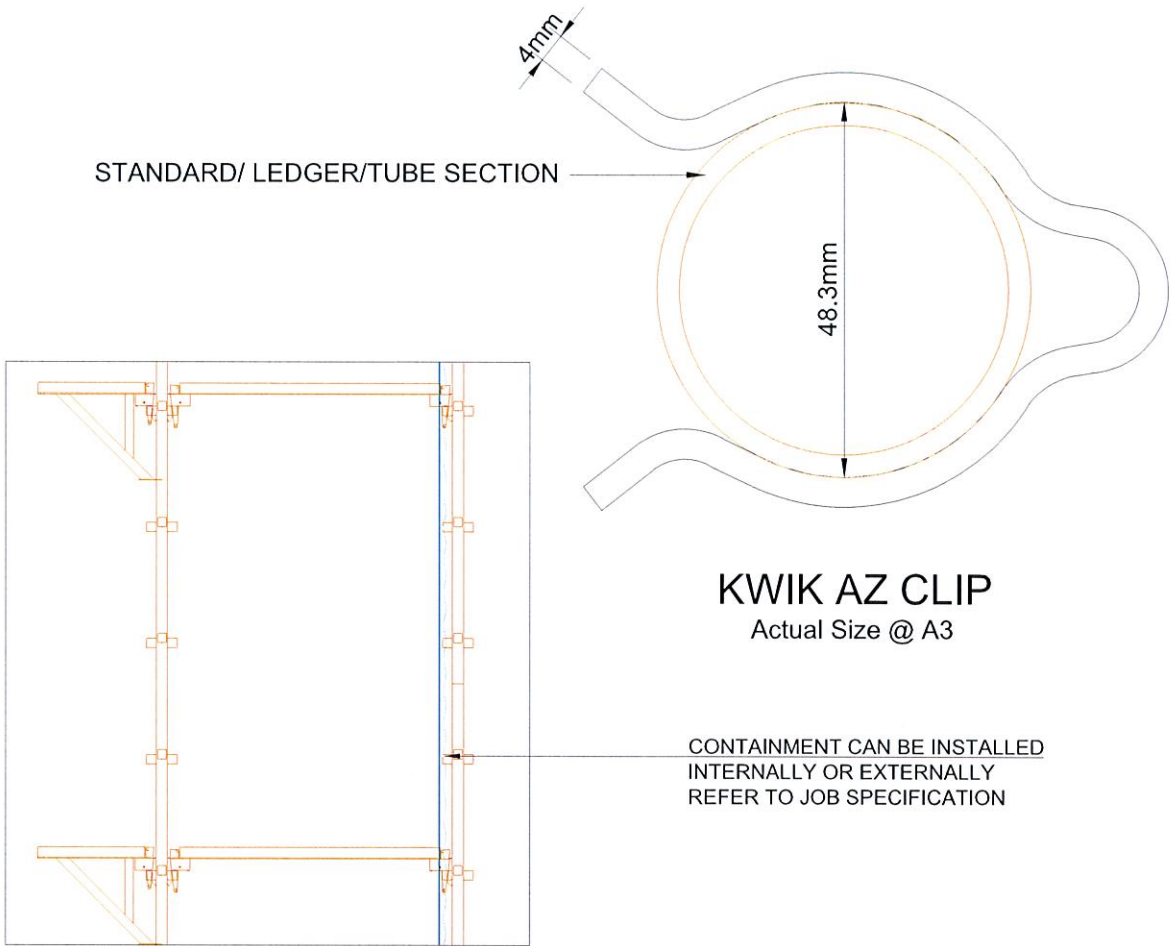
CONTAINMENT MUST NOT EXCEED 2.3m IN HEIGHT PAST THE LAST TIE



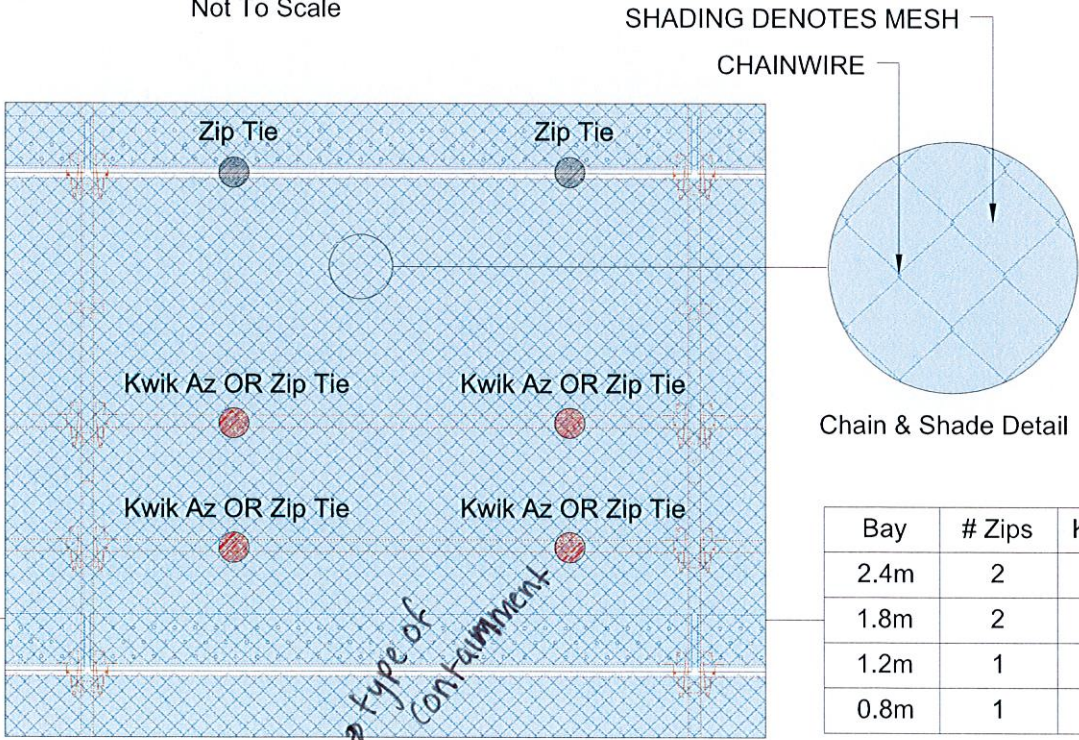
DOUBLE PLASTIC PANEL ELEVATION
SCALE 1:30 @ A3



2m UNIMESH ELEVATION
SCALE 1:30 @ A3



TYPICAL SECTION
Not To Scale



CHAIN & SHADE ELEVATION
SCALE 1:30 @ A3

Bay	# Zips	KwikAz
2.4m	2	4
1.8m	2	4
1.2m	1	2
0.8m	1	2

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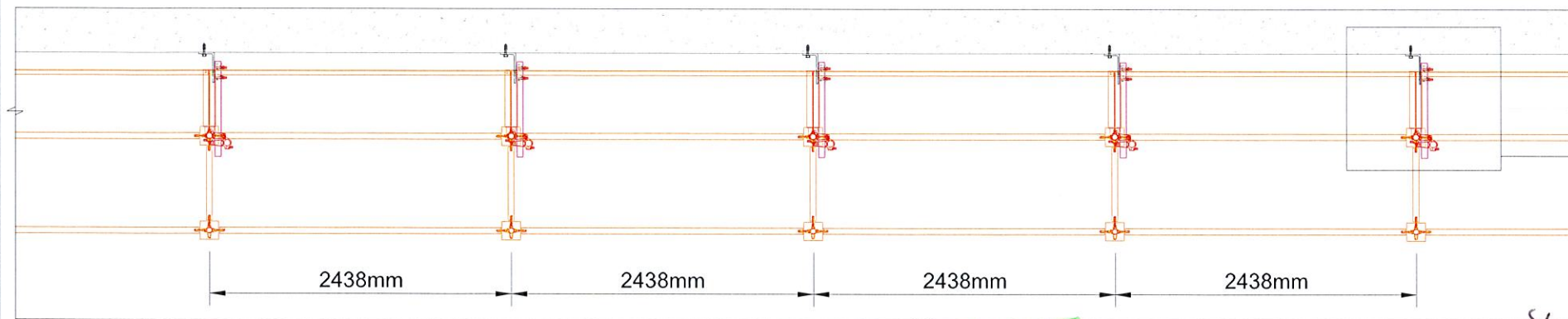
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APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climacos
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: Date: 17/08/2020
Registered on the RPEng in the area of practice of
Structural
RPEQ # : 21011

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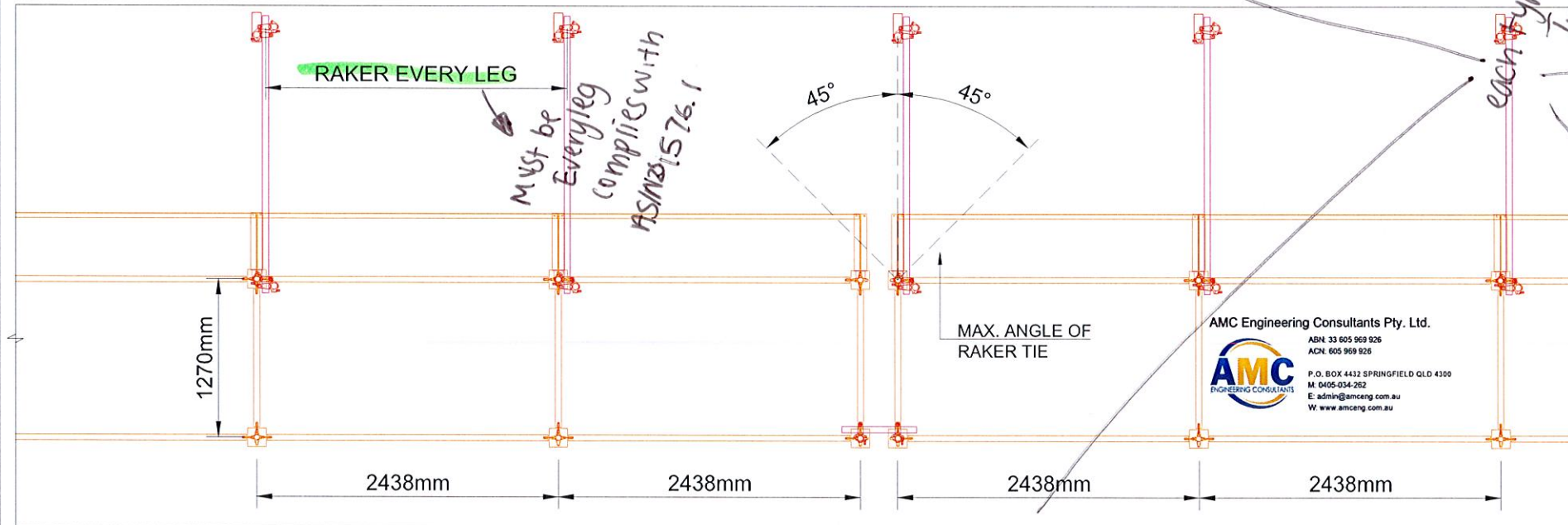
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FOR CONSTRUCTION	
Details:	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL CONTAINMENT COGENT SCAFFOLDING
Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawing-No:	COG-TYP-03
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo QLD 4074 Phone 1 300 550 149 info@cogentscaffolding.com.au	



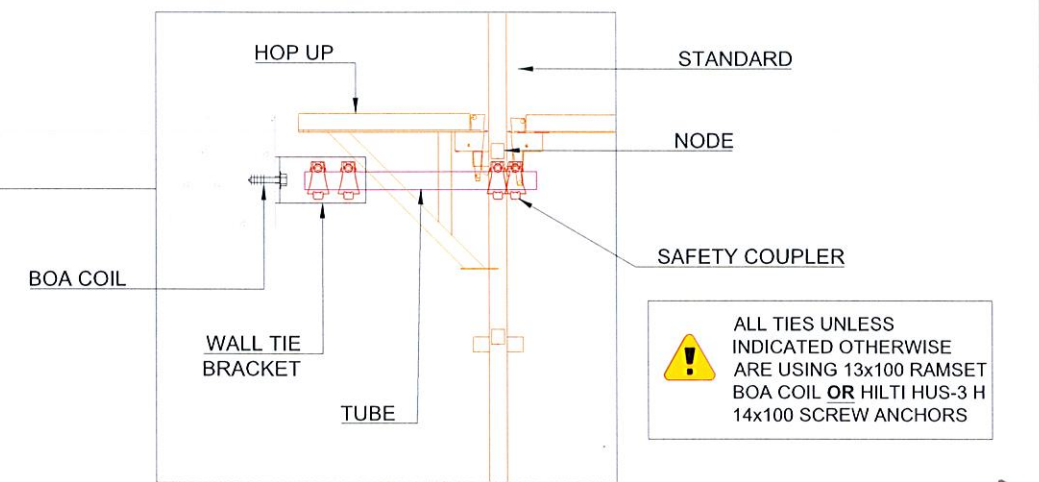
TYPICAL SINGLE LEG TIE PLAN

SCALE 1:50 @ A3

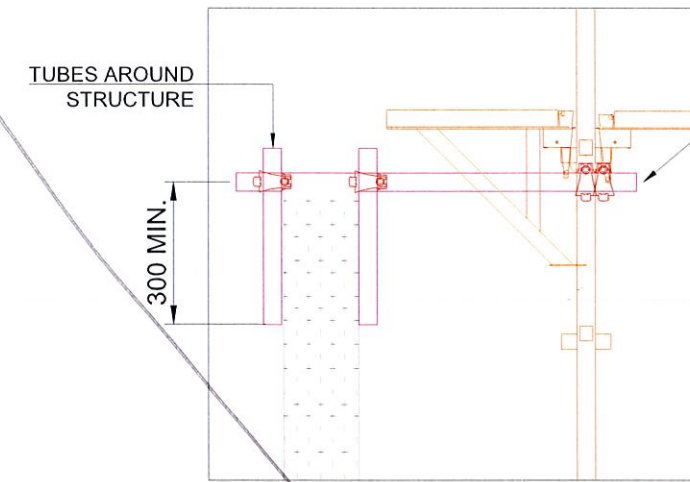


TYPICAL RAKER PLAN

SCALE 1:50 @ A3



FACE TIE DETAIL

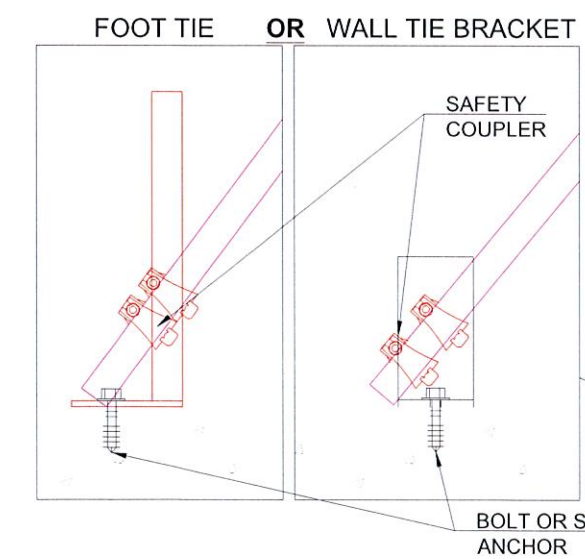


F-TIE DETAIL

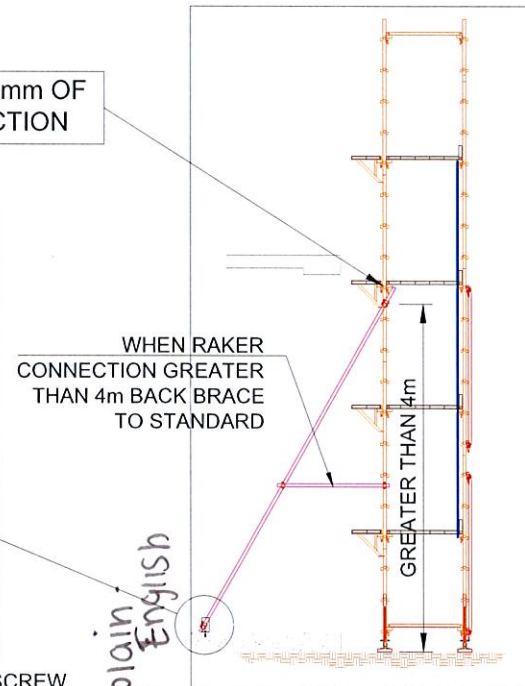
ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS-3 H 14x100 SCREW ANCHORS

ALL TUBES MUST EXTEND AT LEAST 10mm PAST THE OUTER EDGE OF THE FURTHEST COUPLER. THIS APPLIES FOR ALL TIES, HANDRAILS AND TUBE AND CLIP APPLICATIONS

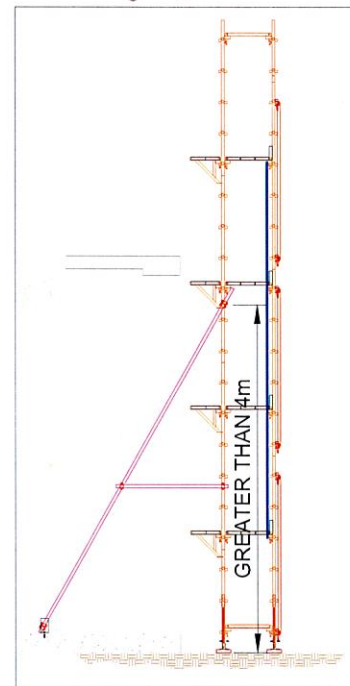
TIE CONNECTION MUST BE WITHIN 300mm OF A NODE WITH A TRANSVERSE CONNECTION



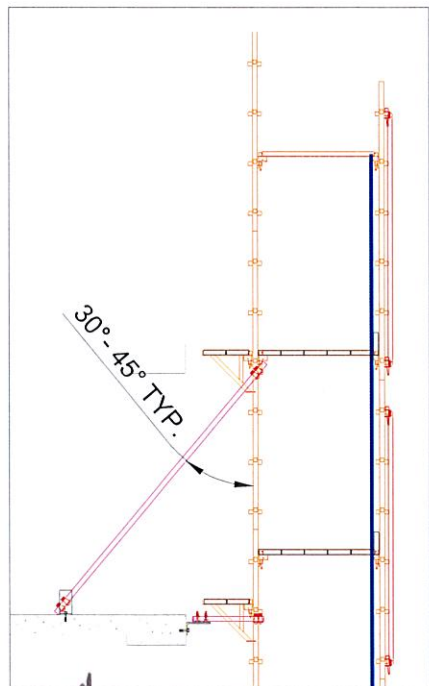
WHEN RAKER CONNECTION GREATER THAN 4m BACK BRACE TO STANDARD



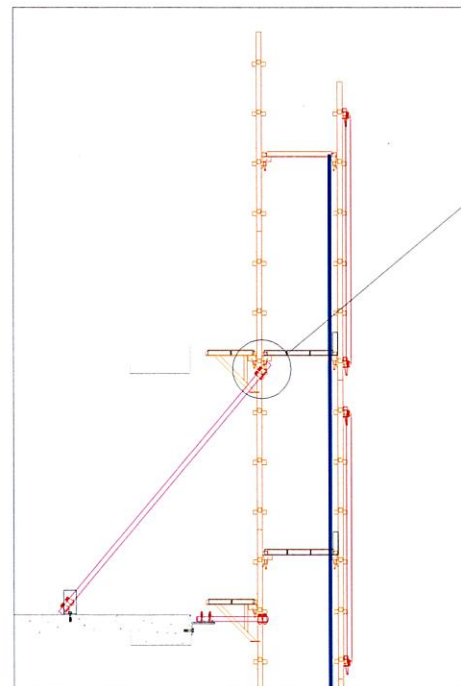
RAKER BASE - 5 BOARD



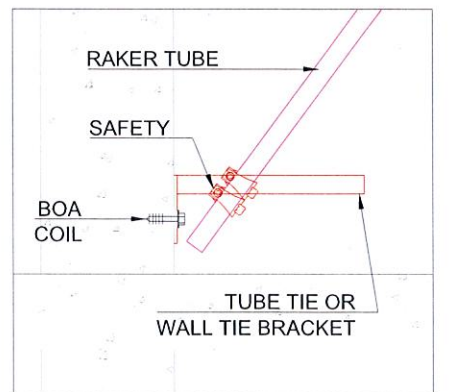
RAKER BASE - 3 BOARD



TOP UP - 5 BOARD



TOP UP - 3 BOARD



RAKER FACE FIX

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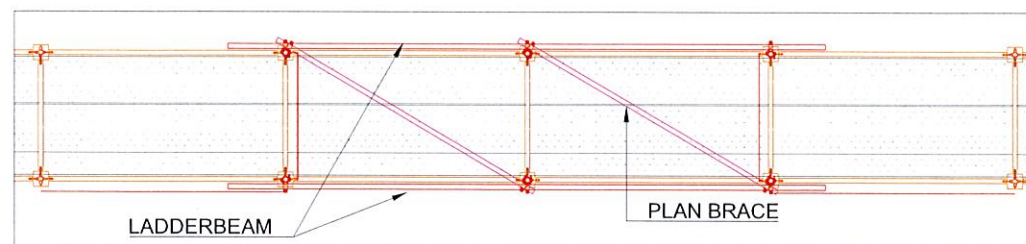
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Signature: *Arnel M. Climacosa* Date: 17/08/2020
Registered on the RPEng in the area of practice of **Structural**
RPEQ # : 21011

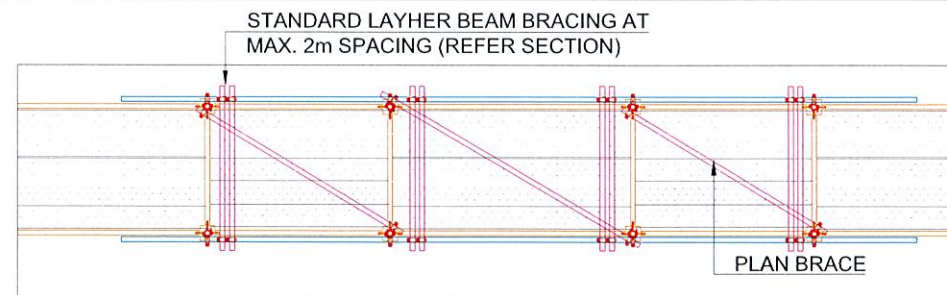
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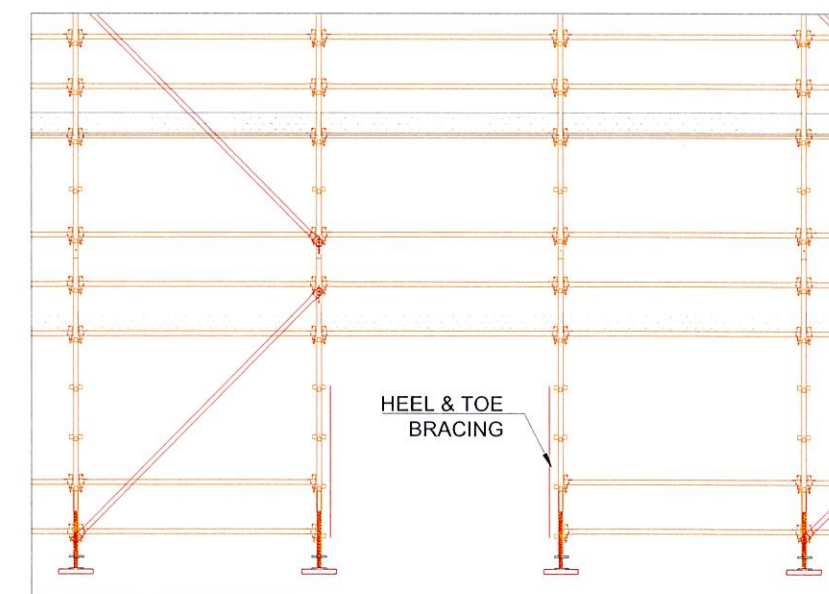
FOR CONSTRUCTION
Details: COGENT TYPICAL DESIGNS
ALL PROJECTS
TYPICAL TIES
COGENT SCAFFOLDING
Drawn: RT
Date: 20/09/2019
Comments: -
Drawing No: COG-TYP-04
COGENT SCAFFOLDING
Unit 6, 368 Earnshaw Road
Banyo QLD 4014
Phone T 1300 550 149
info@coagentscaffolding.com.au



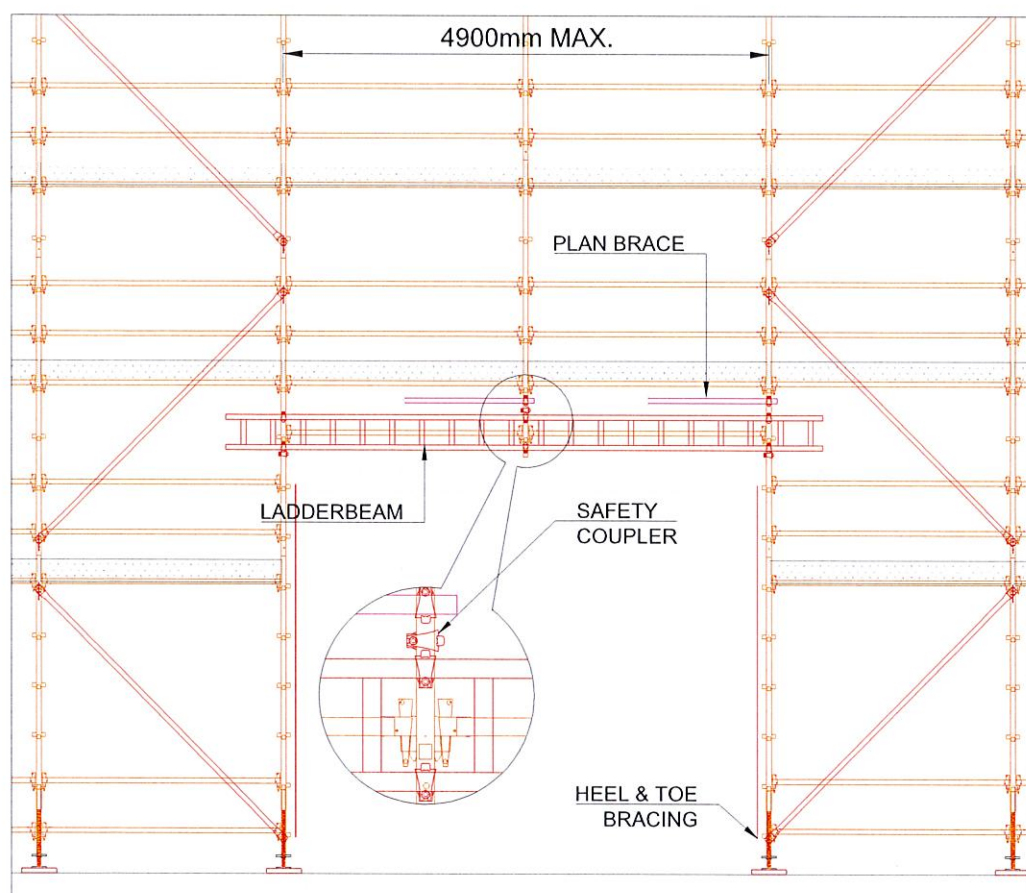
LADDERBEAM OPENING PLAN
SCALE 1:75 @ A3



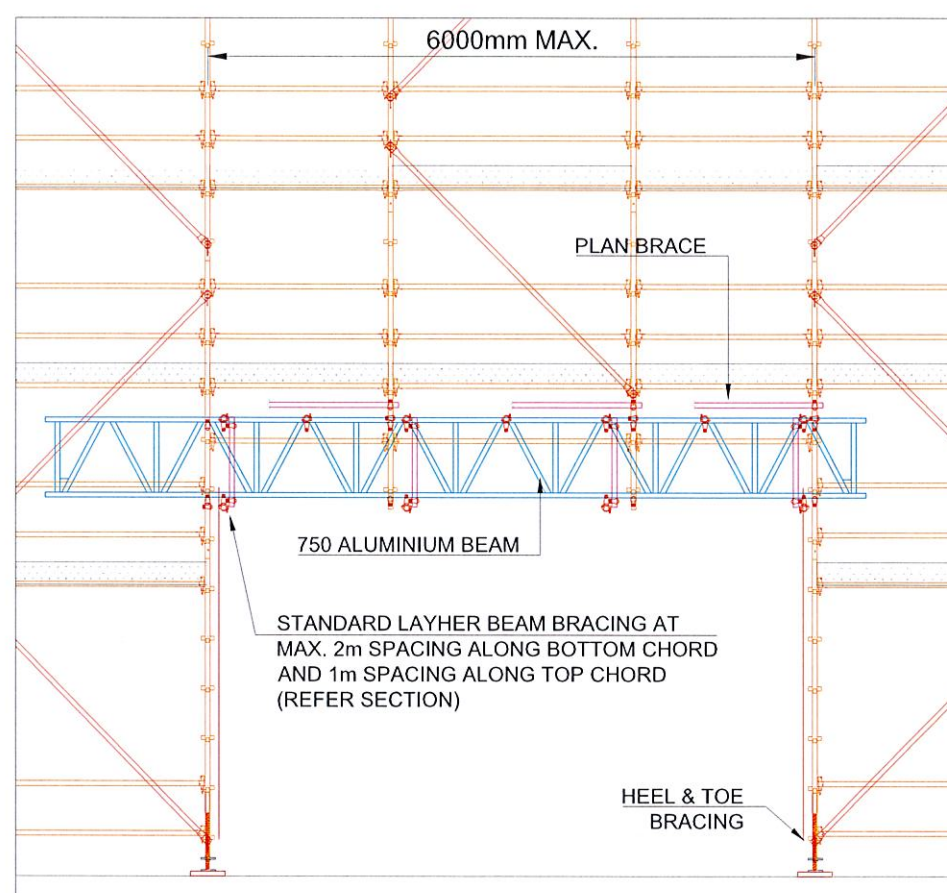
ALUMINIUM BEAM OPENING PLAN
SCALE 1:75 @ A3



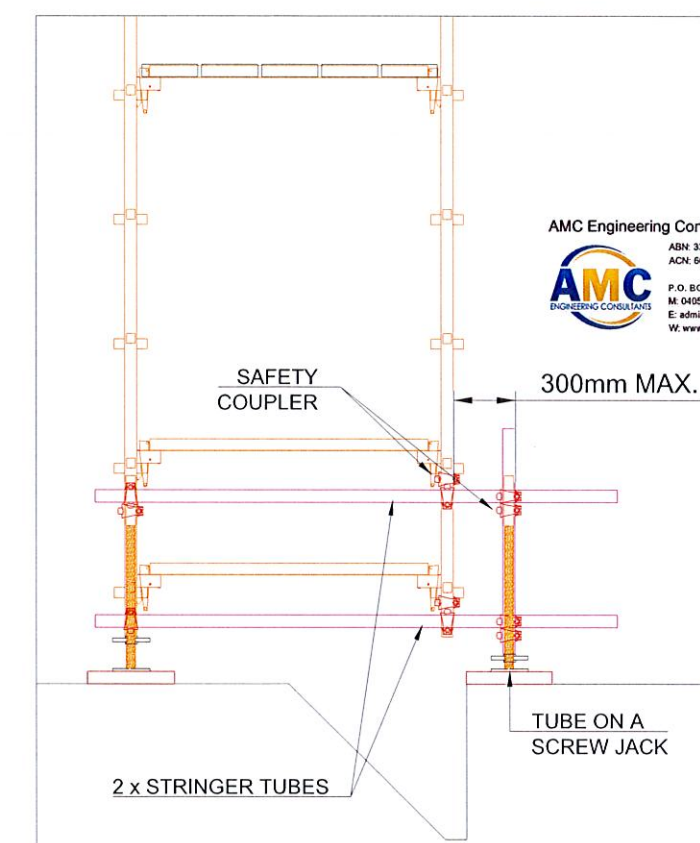
ACCESS OPENING
SCALE 1:75 @ A3



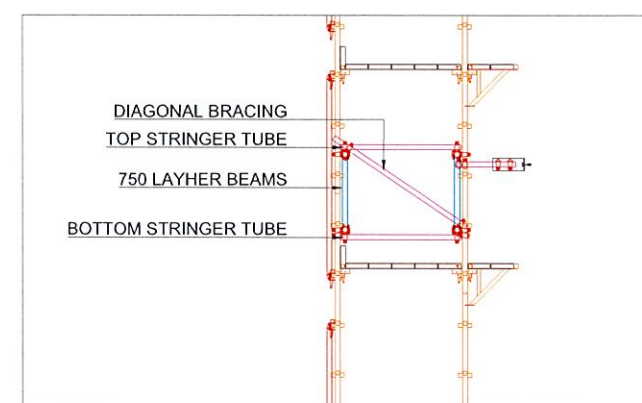
LADDERBEAM OPENING FRONT ELEVATION
SCALE 1:75 @ A3



ALUMINIUM BEAM OPENING FRONT ELEVATION
SCALE 1:75 @ A3



DUMMY LEG
SCALE 1:30 @ A3



ALUMINIUM BEAM OPENING SECTION
SCALE 1:75 @ A3

ONE SET (INSIDE LEG & OUTSIDE LEG) OF BEAMS WILL SUPPORT A MAXIMUM OF 5 WORKING DECKS.
A SET OF INSTALLED LADDER BEAMS ARE REQUIRED EVERY 5 DECKS. WHEN MORE THAN 5 DECKS ARE TO BE SUPPORTED, ADDITIONAL SETS OF LADDERBEAMS SHALL BE INSTALLED AT THE BASE ON TOP OF THE FIRST SET OF BEAMS.

DUMMY LEGS ARE TEMPORARY IN THE BASING PHASE ONLY. IF THEY ARE USED BEYOND BASING, THEY ARE A SECONDARY SUPPORT TO A MORE STABLE PRIMARY SUPPORT SUCH AS LADDER BEAMS.
MAX. 4 DECKS ABOVE A DUMMY LEG

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A				

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	5. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS5669, AS4100.

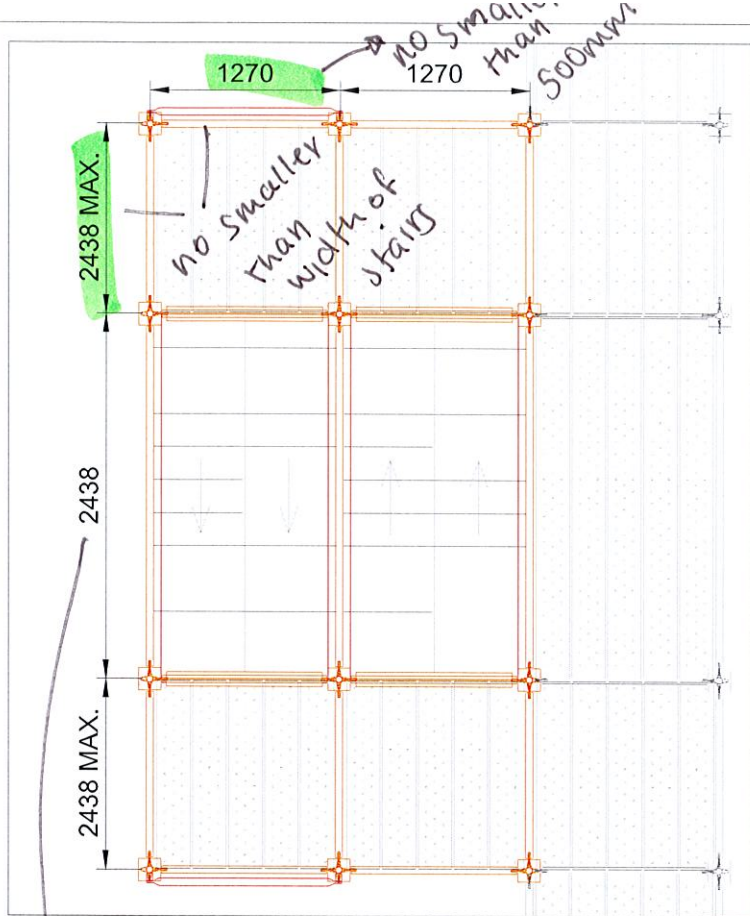
APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: _____ Date: 17/08/2020
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

certified by qualified person

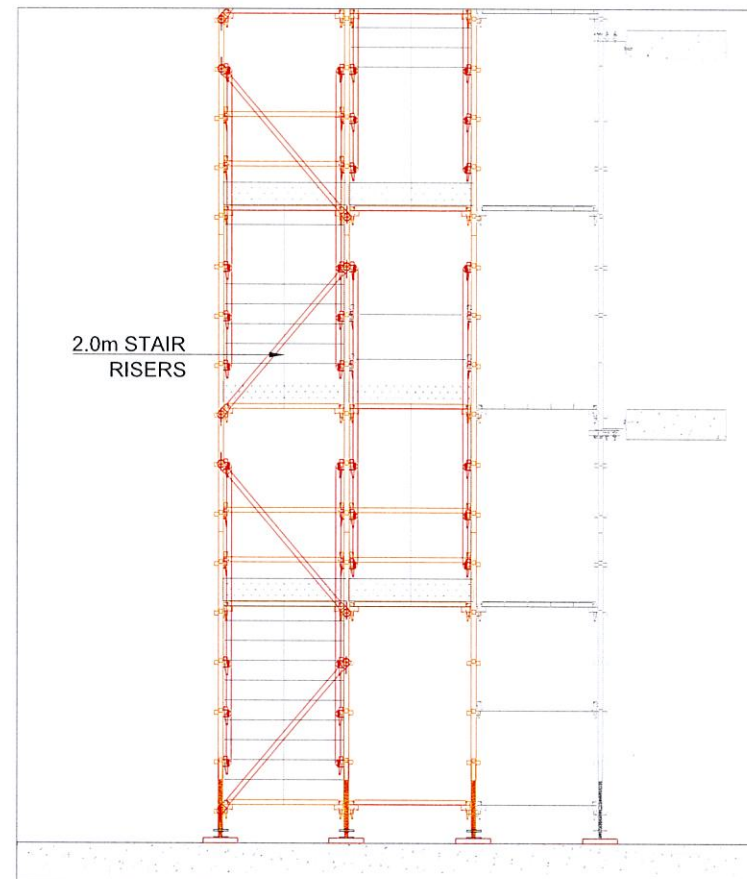
GLOBAL CERTIFICATION PTY LTD
JAS-ANZ
SAQ
QUALITY SAFETY
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

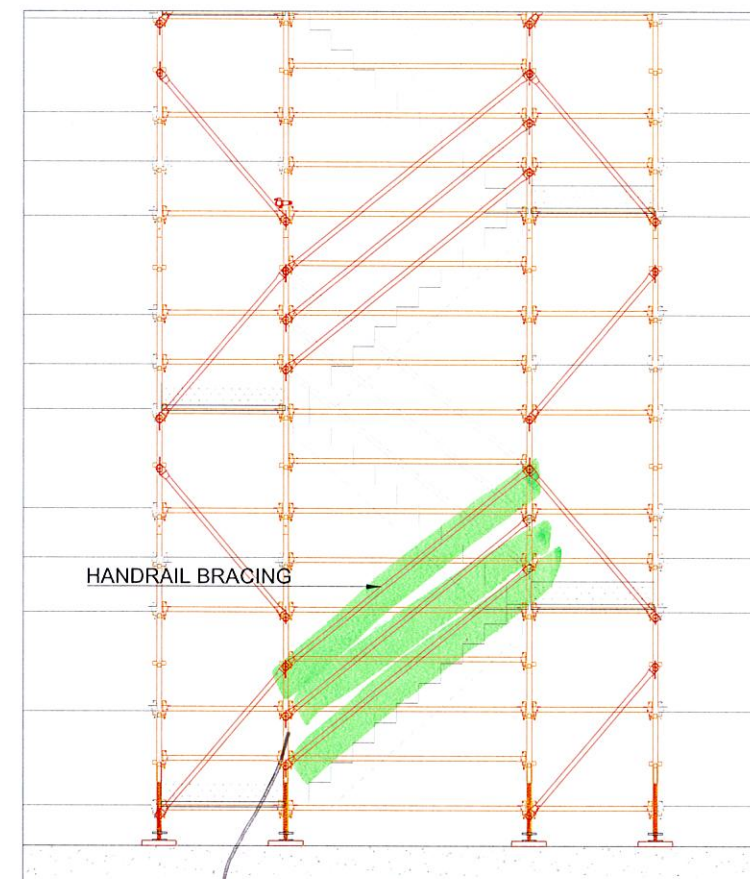
FOR CONSTRUCTION	
Details:	COGENT TYPICAL DESIGNS ALL PROJECTS OPENINGS, LADDERBEAMS AND DUMMY LEGS COGENT SCAFFOLDING
Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawn/No:	COG-TYP-05
	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4074 Phone T 1300 550 149 info@cogentscaffolding.com.au



STRETCHER PLAN
STAIR HEIGHT UP TO 26.5m

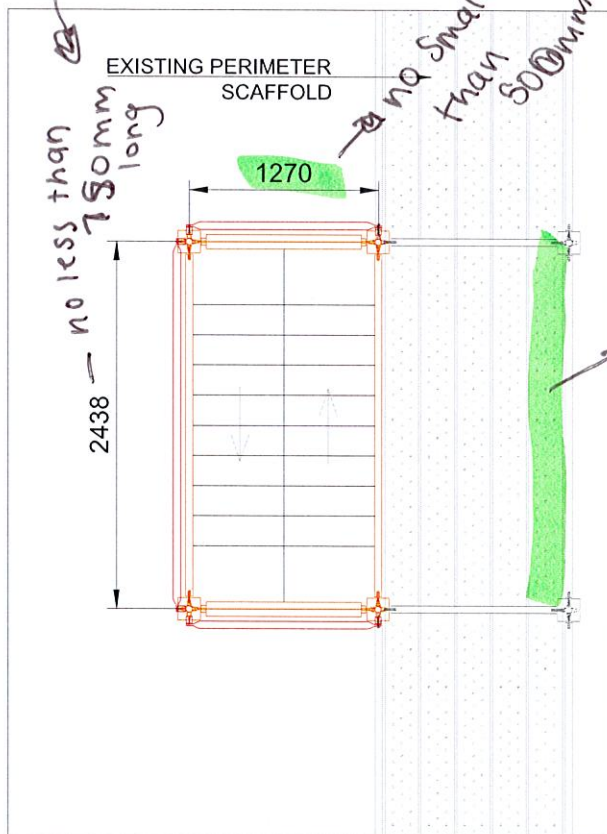
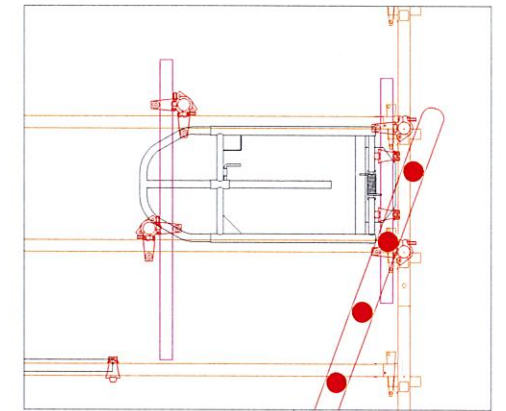


STRETCHER SIDE

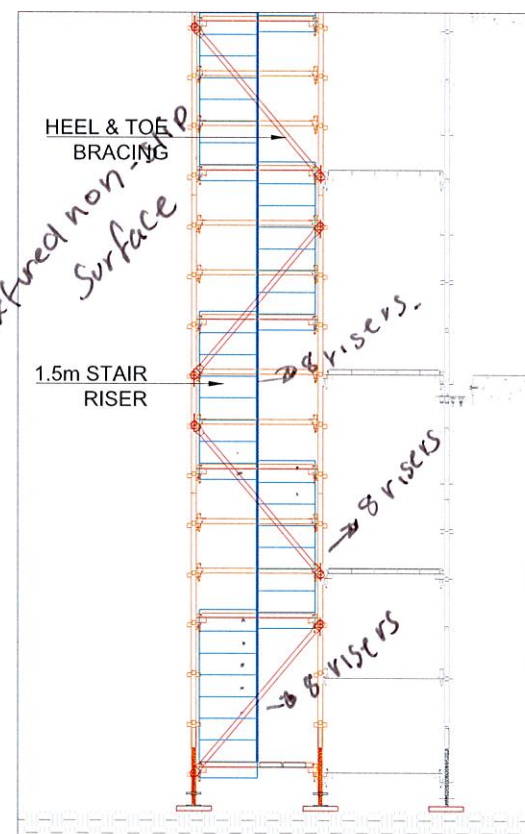


STRETCHER FRONT

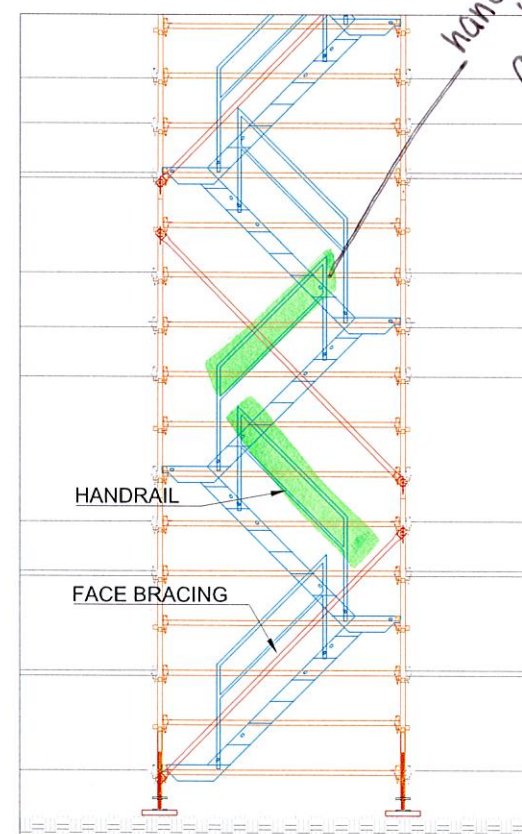
ACCESS GATE DETAIL



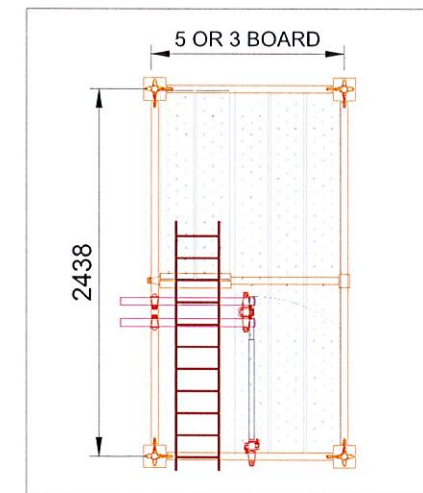
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STAIR HEIGHT UP TO 35m



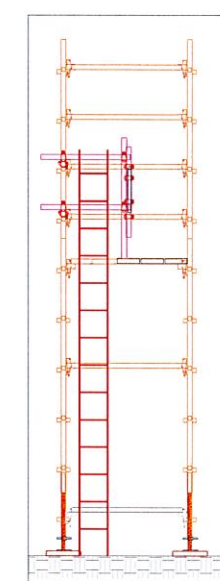
CONSTRUCTION STAIR SIDE



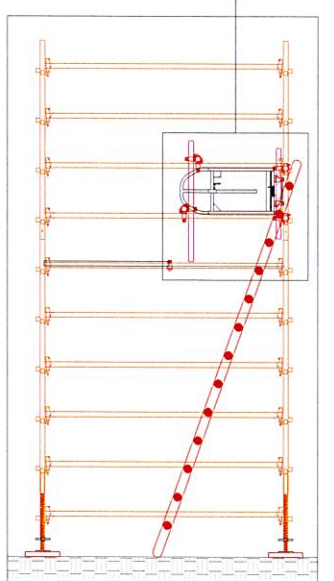
CONSTRUCTION STAIR FRONT



LADDER ACCESS BAY



SIDE



FRONT

STAIR AND LADDER BAYS CAN CONNECT TO EXISTING PERIMETER SCAFFOLDS OR STAND-ALONE. **TIES MUST BE INSTALLED EVERY LEG WITH A MAXIMUM 4m HEIGHT SPACING.** SCAFFOLD CAN FREESTAND (NO TIES AND NO SHADECLOTH) IF THE HEIGHT IS LESS THAN 3 TIMES THE MINIMUM WIDTH OF THE SCAFFOLD.

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Index	Revision	Date	drawn	checked

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Wherever possible, risk is designed out of this proposal during the design process.
- Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170 2, AS3610, AS6669, AS4100.

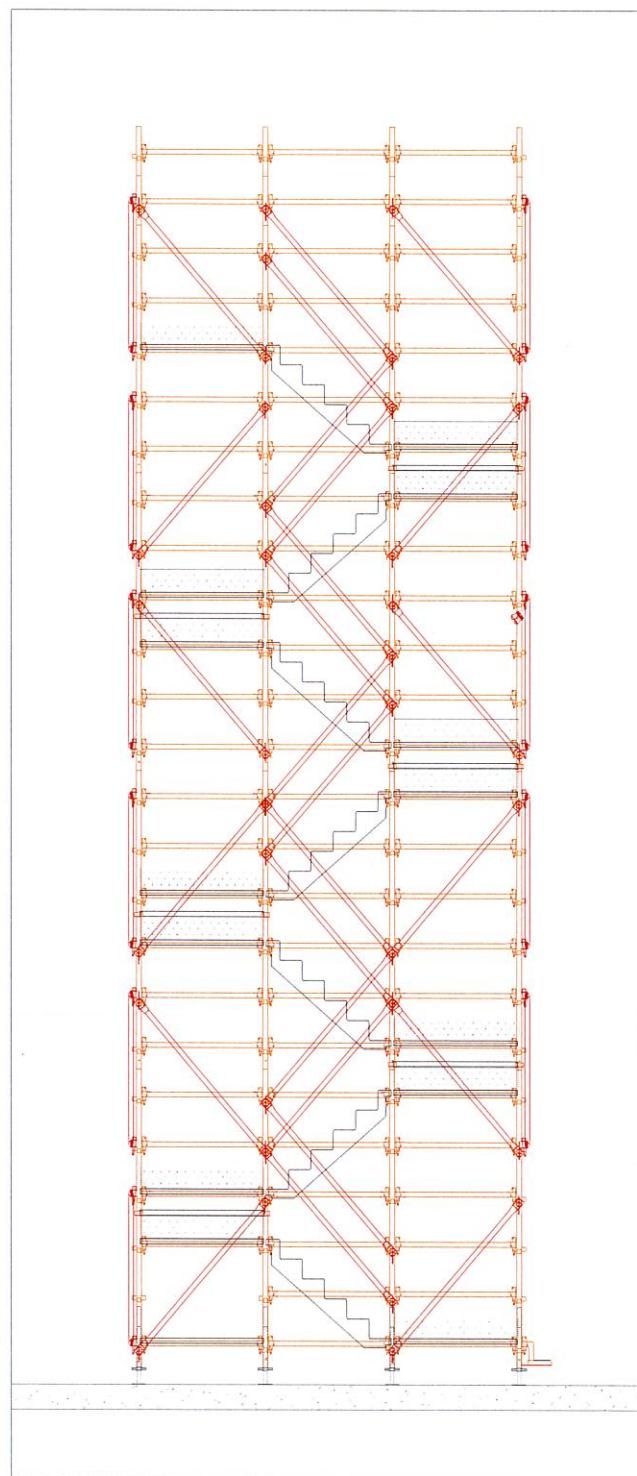
APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: *[Signature]* Date: 17/08/2020
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

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SAQ **QUALITY SAFETY**
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254
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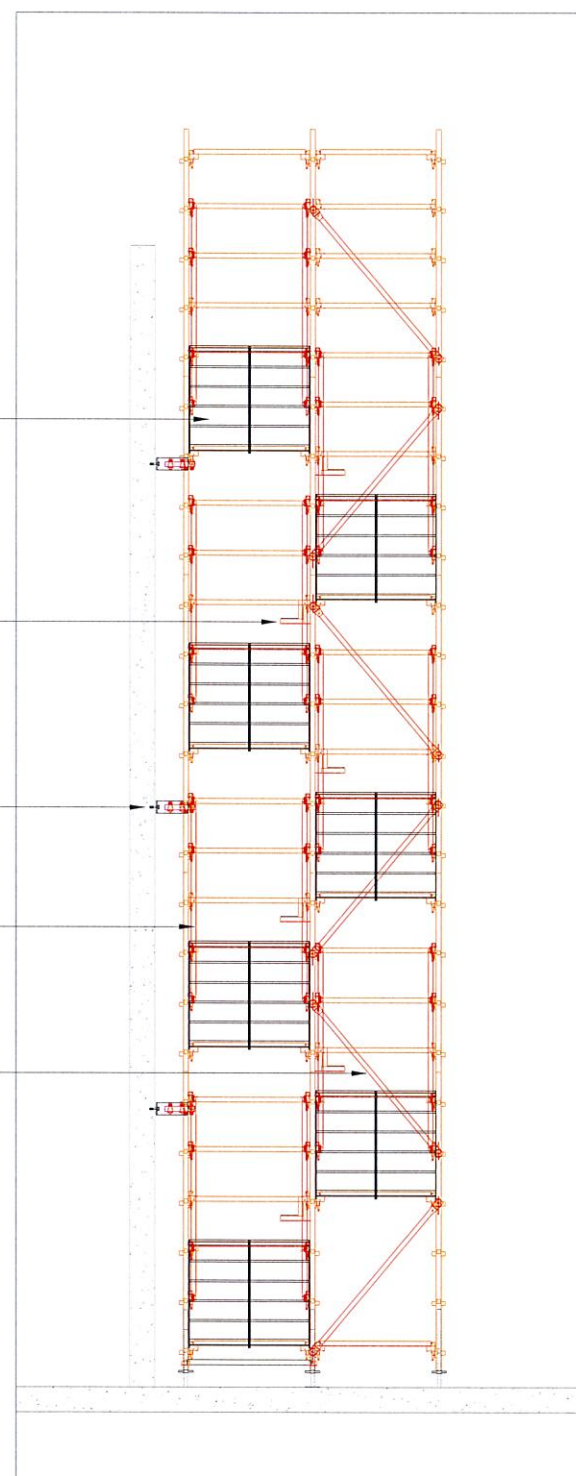
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FOR CONSTRUCTION

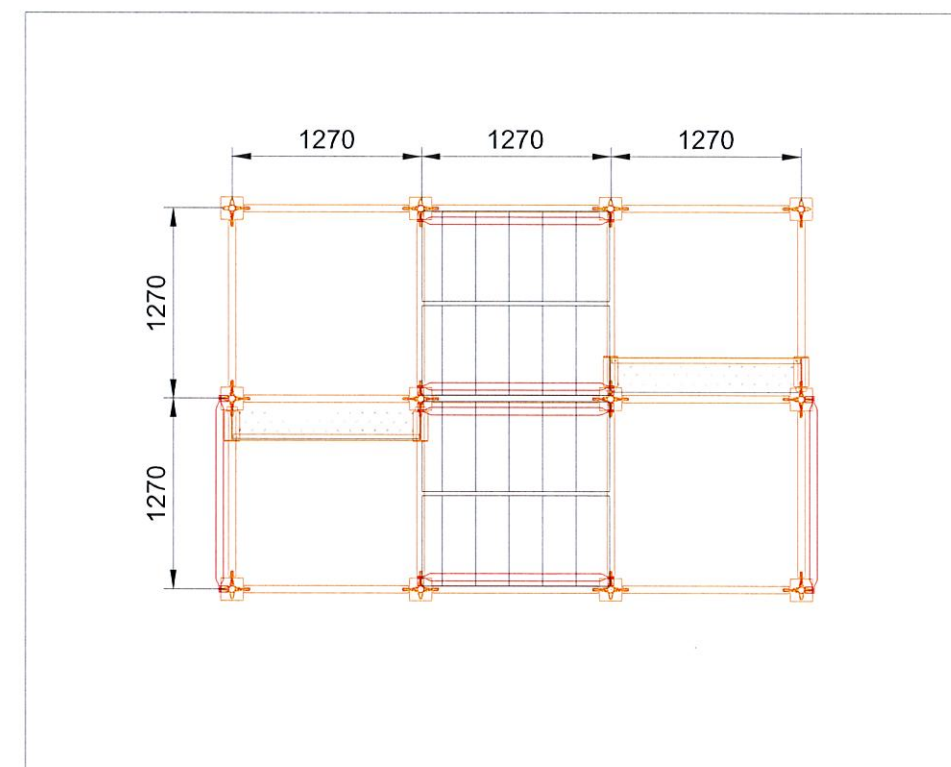
Details	COGENT TYPICAL DESIGNS ALL PROJECTS STAIRS AND LADDERS COGENT SCAFFOLDING
Drawn	RT
Date	20/09/2019
Comments	-
Drawing No.	COG-TYP-06
	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T: 1300 550 149 info@coagentscaffolding.com.au



1m STRETCHER FRONT



1m STRETCHER SIDE



1m STRETCHER PLAN

AMC Engineering Consultants Pty. Ltd.
 ABN: 33 605 969 926
 ACN: 605 969 926
 P.O. BOX 4432 SPRINGFIELD QLD 4300
 M: 0405-034-262
 E: admin@amceng.com.au
 W: www.amceng.com.au



STAIR AND LADDER BAYS CAN CONNECT TO EXISTING PERIMETER SCAFFOLDS OR STAND-ALONE. TIES MUST BE INSTALLED EVERY LEG WITH A MAXIMUM 4m HEIGHT SPACING. SCAFFOLD CAN FREESTAND (NO TIES AND **NO SHADECLOTH**) IF THE HEIGHT IS LESS THAN 3 TIMES THE MINIMUM WIDTH OF THE SCAFFOLD.

Index	Revision	Date	drawn	checked
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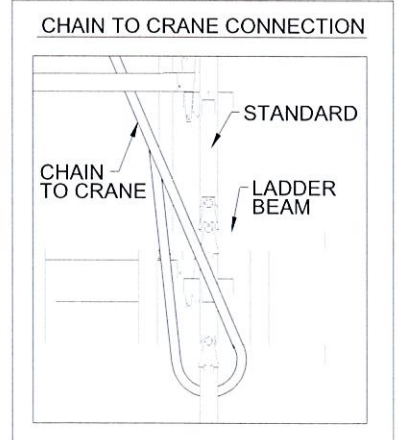
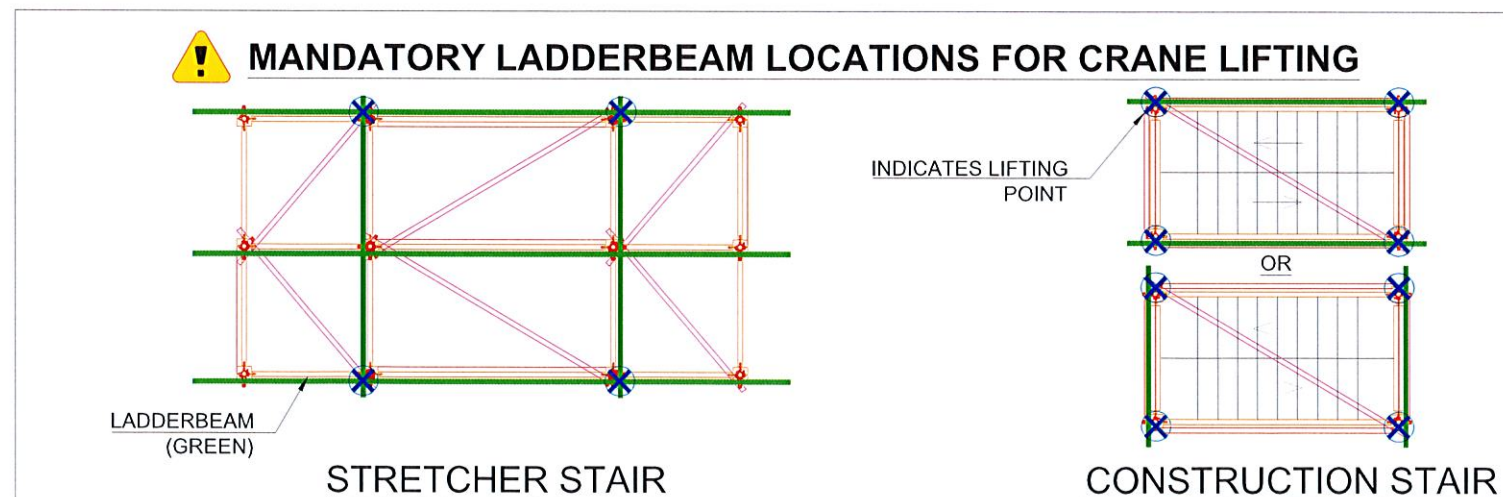
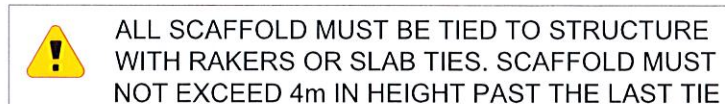
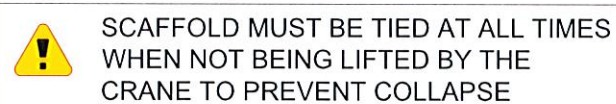
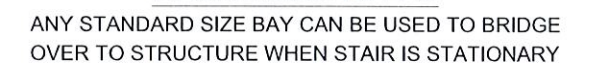
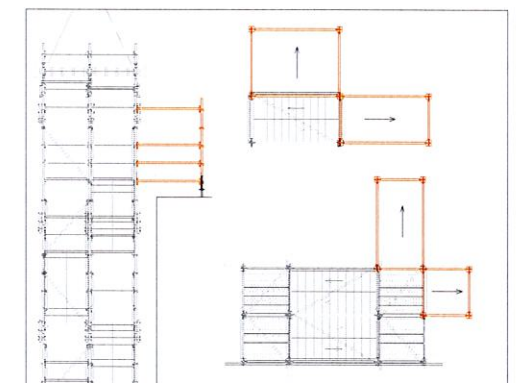
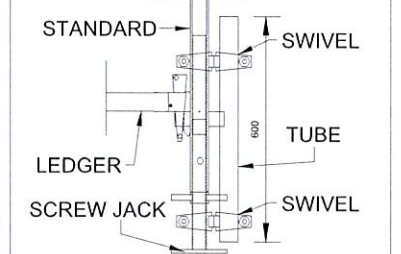
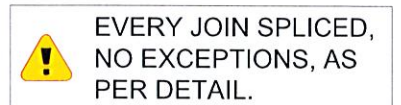
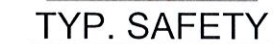
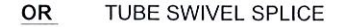
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		5.	Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.	

APPROVED
 Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
 B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
 Signature: _____ Date: 17/08/2020
 Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

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 ISO 9001:2015 & AS/NZS 4801:2001
 CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
 Specialists in Scaffolding Solutions

FOR CONSTRUCTION			
Details:	COGENT TYPICAL DESIGNS		
Drawn:	RT	COGENT SCAFFOLDING	
Date:	20/09/2019	Unit 6, 368 Eamshaw Road	
Comments:	-	Banyo Qld 4014	
Drawing-No:	COG-TYP-07	Phone T 1300 550 149	
		info@cogentscaffolding.com.au	



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A	REID BAR ADDED	08/09/2020	DO
Index	Revision	Date	drawn: checked

Drawing Notes

- | | | | |
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| | | 5. | Scaffold/Fallwork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS5669, AS4100 |

AMC Engineering Consultants Pty. Ltd.

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 ACN 605 908 826
 P.O. BOX 4432 SPRINGFIELD QLD
 M 0405 034 262
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 W www.amceng.com.au

APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climaco
B.S. Civ. Eng. MCA, APCE, RPEng, RPEQ, RSP
Signature:  Date: 10/08/2020
Registered on the RPEng in the area of practice of
Structural RPEQ # : 2191





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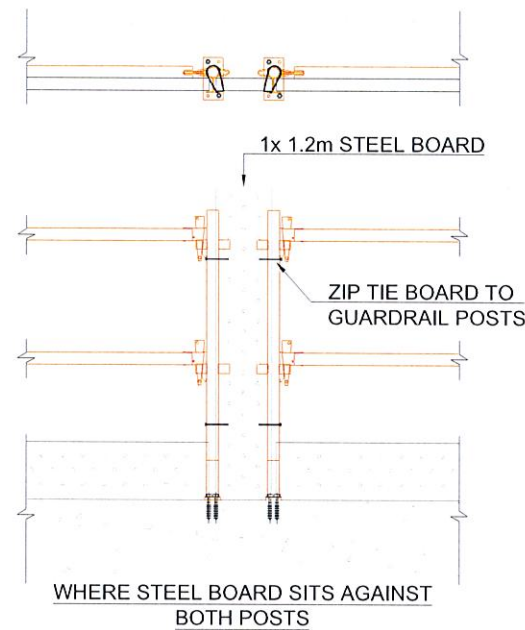


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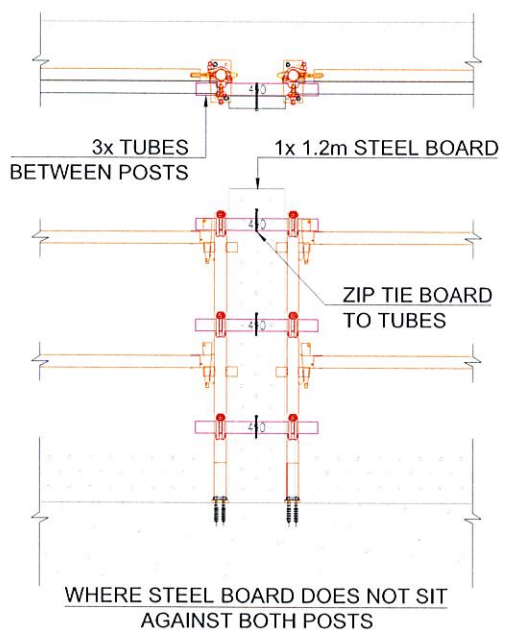
FOR CONSTRUCTION

Details	COGENT TYPICAL DESIGNS ALL PROJECTS CRANEABLE ACCESS COGENT SCAFFOLDING
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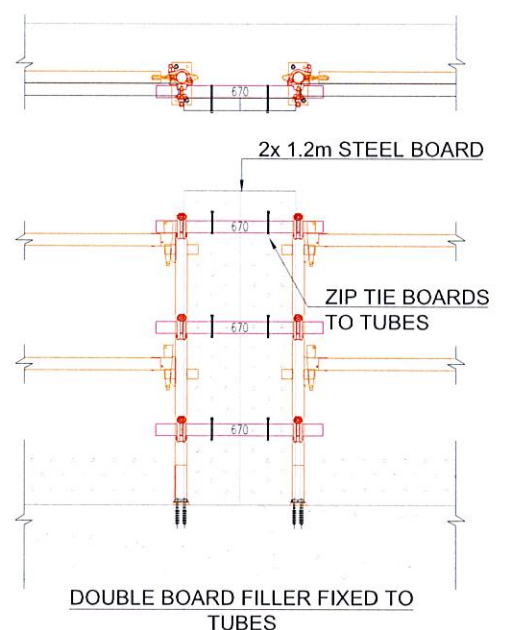
Drawn	RT	COGENT SCAFFOLDING Unit 6, 368 Eamshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au
Date	20/09/2019	
Comments	-	
Drawing No.	COG-TYP-08	A



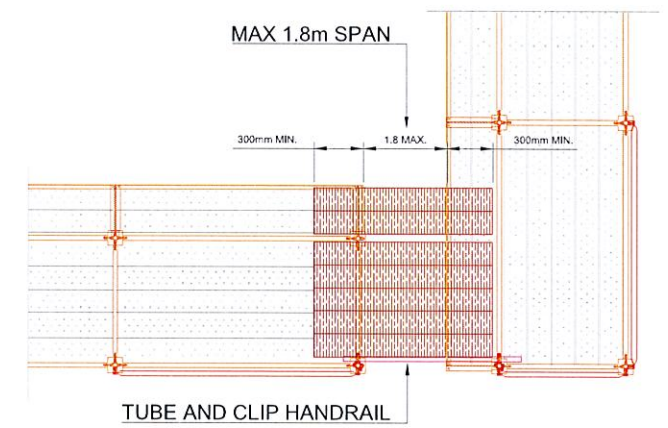
- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- LAPPED RETURNS
- SCALE 1:30 @ A3

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature: *[Signature]* Date: 31/01/2022

Registered on the RPEng in the area of practice of **Structural**

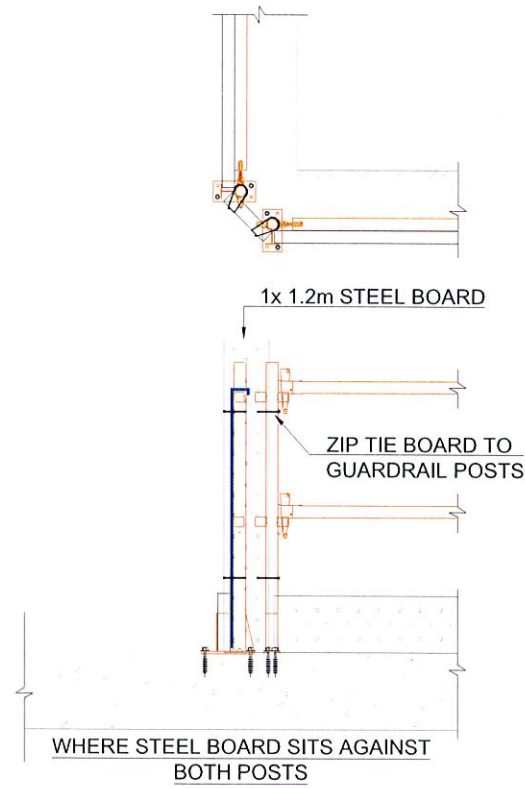
RPEQ #: 21011

certified by qualified person

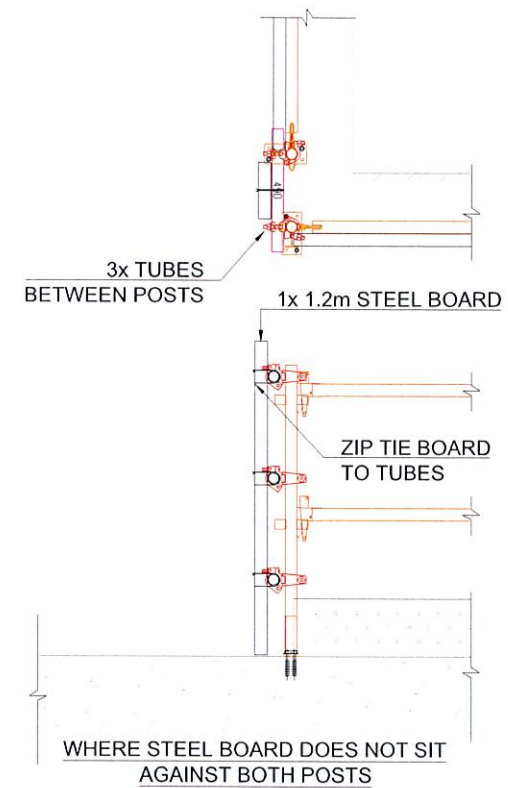
AMC Engineering Consultants Pty. Ltd.

ABN: 33 605 969 926
ACN: 605 969 926

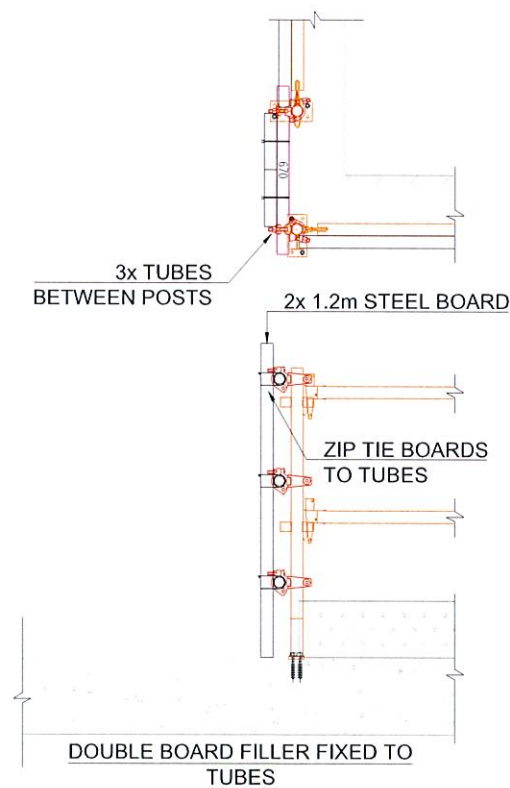
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3

Index	Revision	Date	drawn:	checked:

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2. Loads
Access Working Lifts 1 No @ 0.75 kN/m²
Additional Lifts 1 No @ 0.75 kN/m²
Hop-Up Brackets 1 No @ 0.75 kN/m²
Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force kN/m²
3. Foundations/Support
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4. Tying & Bracing
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5. Design Output
This drawing should be read in conjunction with -
6. Responsibilities
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7. Scaffold/Falswork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.

GLOBAL CERTIFICATION PTY LTD

SAQ QUALITY SAFETY

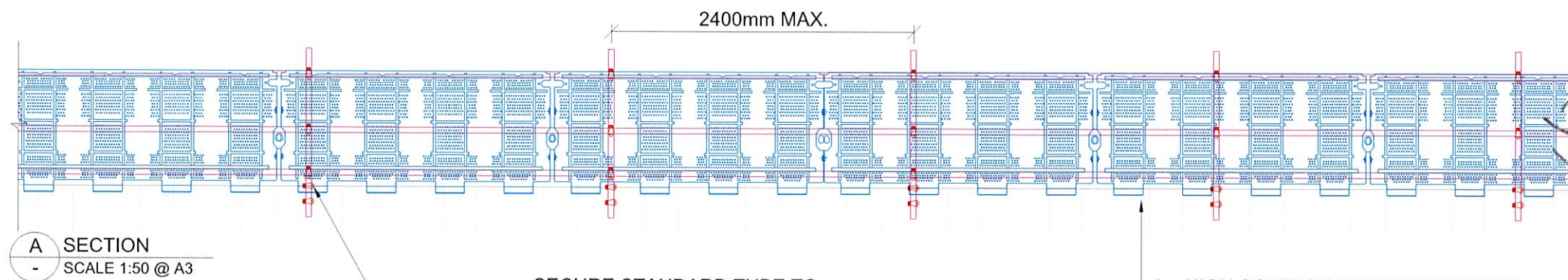
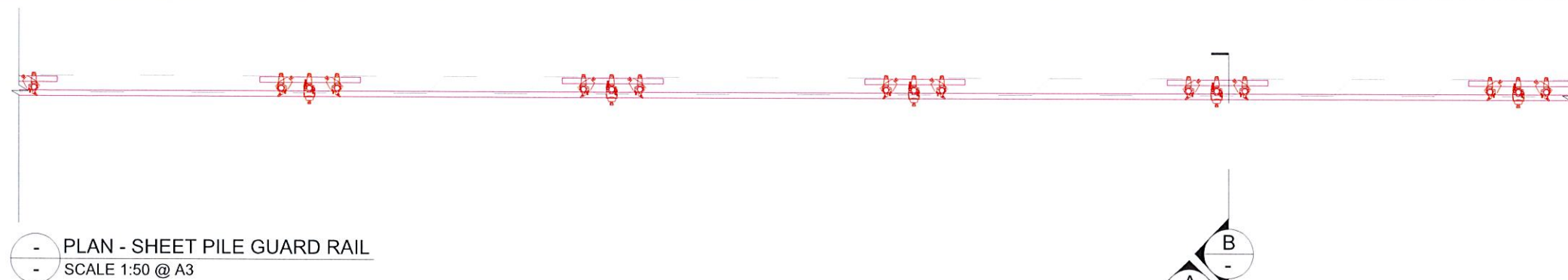
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ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING

Specialists in Scaffolding Solutions

FOR CONSTRUCTION			
Details	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL SHEET 09 COGENT SCAFFOLDING		
Drawn	RT	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone 1 1300 550 149 info@coagentscaffolding.com.au	
Date	20/09/2019		
Comments	-		
Drawing No.	COG-TYP-09		



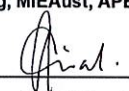
edge protection/
Containment
Holes for light + ventilation
protects from dust + debris
Complies with AS/NZS 4576

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 20/04/2021

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

ABN: 33 605 969 926
ACN: 605 969 926



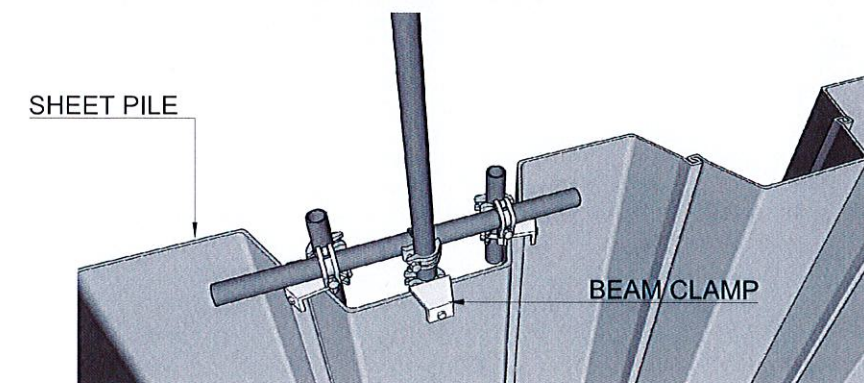
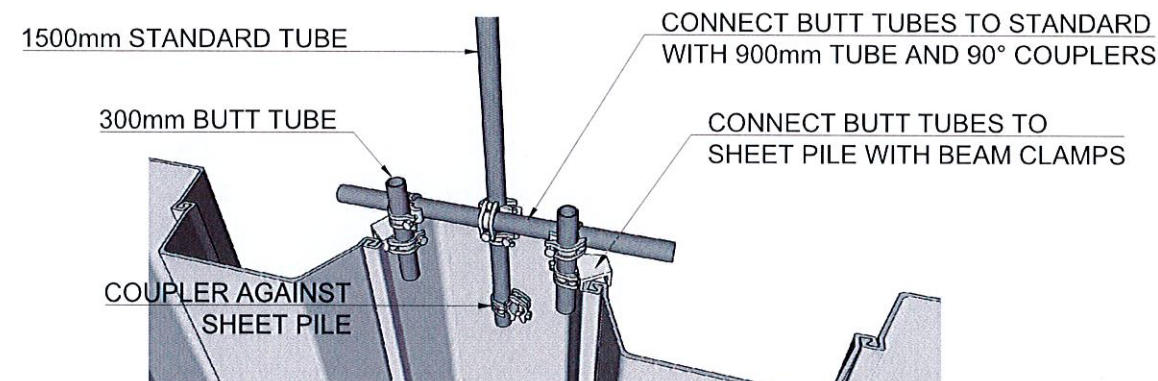
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

RAKER TUBE FIXED TO TOP GUARDRAIL
USING 90° COUPLER

KICKER RAIL, MIDRAIL & TOP GUARDRAIL FIXED TO
STANDARD TUBES USING SINGLE PUTLOG CLIPS

COUPLER FIXED TO BASE OF EVERY STANDARD TUBE TO
WEDGE TIGHTLY AGAINST SHEET PILE TO REMOVE ANY
LATERAL MOVEMENT IN STANDARD TUBE

B SECTION
SCALE 1:20 @ A3



3D STANDARD CONNECTION TO SHEET PILE
NTS @ A3

Index	Revision	Date	drawn	checked
A	FOR CONSTRUCTION	13/04/2021	RT	DO

Drawing Notes	
1. Cogent Scaffolding Copyright	This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.
2. Loads	Working Lifts1.....No. @ 0.75 kN/m² Additional Lifts1.....No. @ 0.75 kN/m² Hop-Up Brackets1.....No. @ 0.75 kN/m²
Wind	Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind ForcekN/m²

3. Foundations/Support	Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.
4. Tying & Bracing	No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.
5. Design Output	This drawing should be read in conjunction with :-

Maximum calculated Leg Load = 0.0 kN	Lift positions and bracing frequency to be as shown.
Maximum calculated Tie Load = 0.0 kN	Tie Type :-
Tie spacing to be as shown on drawing.	Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.	Scaffold/Falswork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



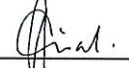
FOR CONSTRUCTION	
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Drawn	RT
Date	13/04/2021
Comments	-
Drawing No.	COG-TYP-10

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/02/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

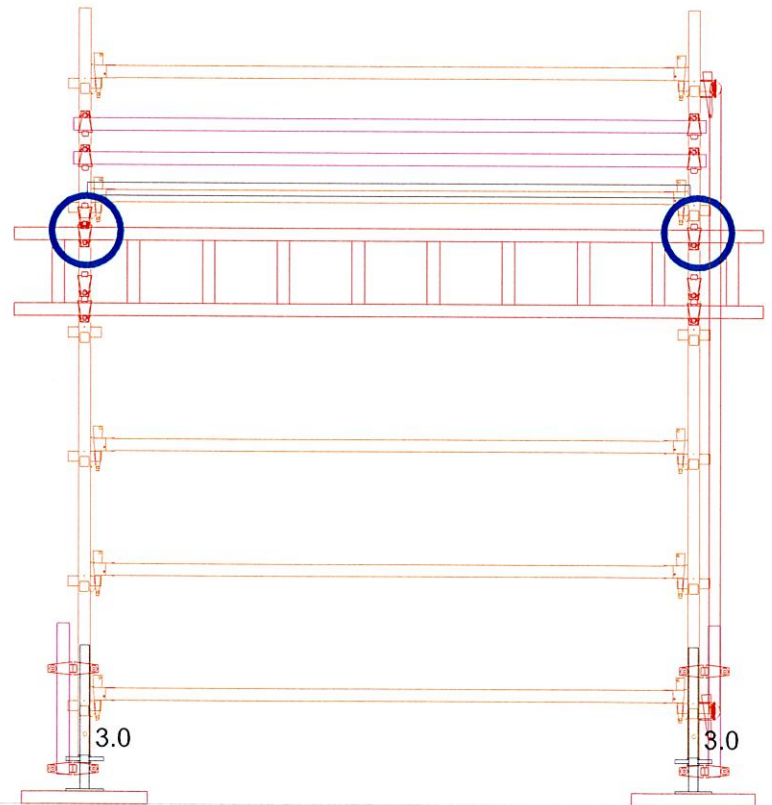
AMC Engineering Consultants Pty. Ltd.



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ACN: 605 969 926

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E: admin@amceng.com.au
W: www.amceng.com.au

NO CONTAINMENT TO BE
INSTALLED ON THIS
SCAFFOLD

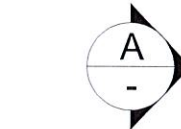


A ELEVATION
SCALE 1:50 @ A3

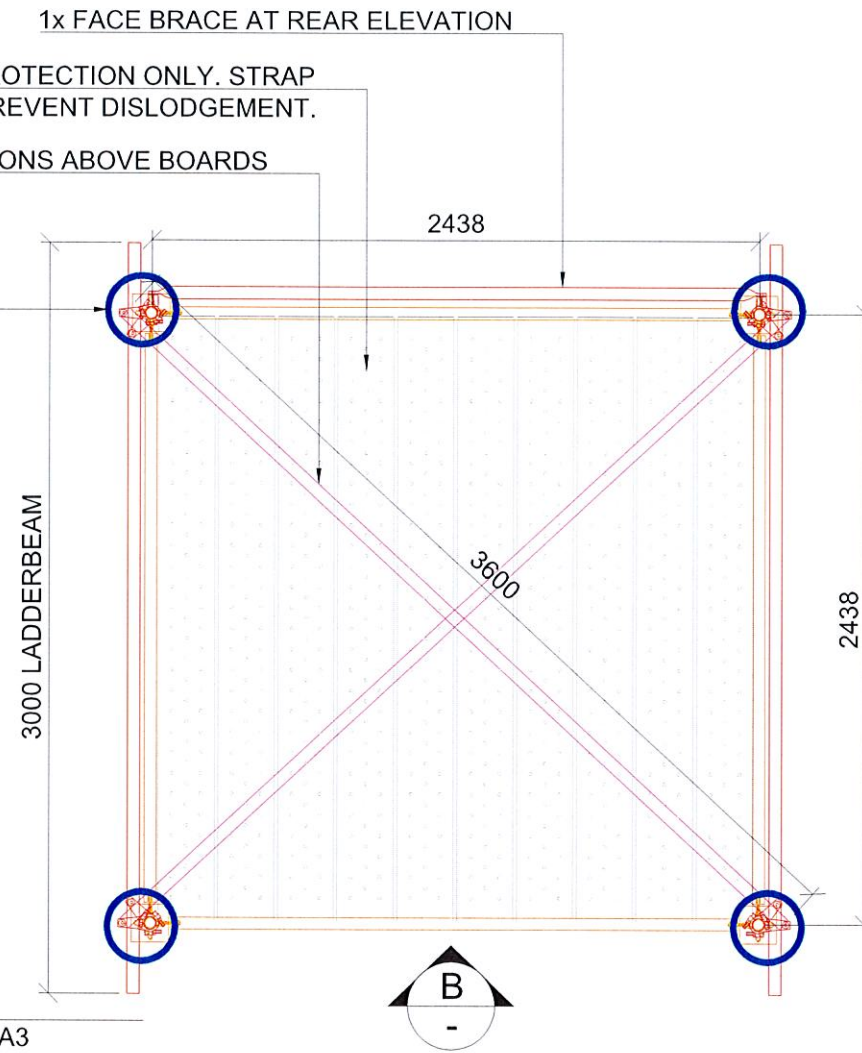
STEEL BOARDS FOR SHADE PROTECTION ONLY. STRAP
BOARDS TO SCAFFOLD TO PREVENT DISLODGE

PLAN BRACE BOTH DIRECTIONS ABOVE BOARDS

INDICATES LIFTING POINTS.
CONNECT CHAINS TO TOP
CHORD OF LADDERBEAM



PLAN
SCALE 1:30 @ A3

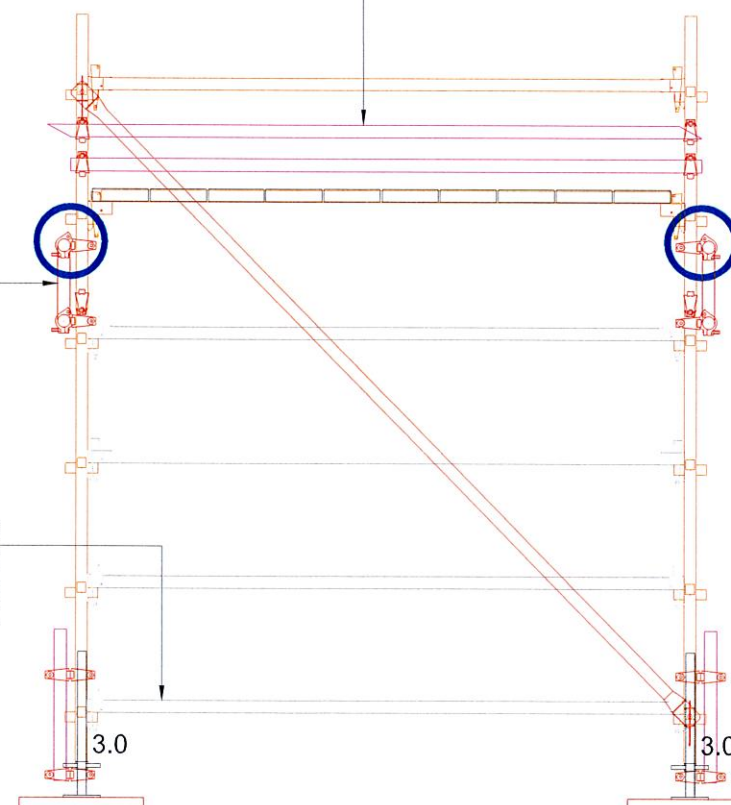


PLAN BRACING

LADDERBEAMS

LEDGERS ALL NODES AT 3 SIDES
ONLY. NO LEDGERS BELOW
DECK AT 1 ELEVATION FOR
ACCESS UNDERNEATH THE BAY

B ELEVATION
SCALE 1:50 @ A3



SPLICE ALL JACKS. USE SOLEBOARDS
WHEN SCAFFOLD NOT LANDED ON
CONCRETE

Drawing Notes

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2. Loads
Access Working Lifts 1 No. @ 0.75 kN/m²
Additional Lifts 1 No. @ 0.75 kN/m²
Hop-Up Brackets 1 No. @ 0.75 kN/m²
Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force 1.0 kN/m²
3. Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.
4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.
5. Design Output
This drawing should be read in conjunction with:-
Maximum calculated Leg Load = 7 kN
Lift positions and bracing frequency to be as shown.
Maximum calculated Tie Load = 6.0 kN
Tie Type :-
Tie spacing to be as shown on drawing.
12. Eccentricity
All legs are to be erected plumb and loaded concentrically to the general tolerances given in AS3610.
13. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
- 13.1 Scaffold/Falsework/Formwork designed in accordance with AS1576.1, AS1576.2, AS1576.3, AS1576.4, AS1576.5, AS1170.2, AS3610, AS6669, AS4100.

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

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A	FOR CONSTRUCTION		14/02/2022	RT	SO
Index	Revision		Date	drawn	checked

FOR CONSTRUCTION

Details:		COGENT SCAFFOLDING ALL PROJECTS CRANEABLE WATER STATION SHADE BAYS' Kwikstage Access Scaffold			
Drawn:	RT	COGENT SCAFFOLDING Unit 6, 363 Eamshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au			
Date:	14/02/2022				
Comments:	-				
Drawing No:	COG-TYP-014				

A

AS/NZS 4576

- SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING
- ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature: *[Signature]* Date: 14/06/2022

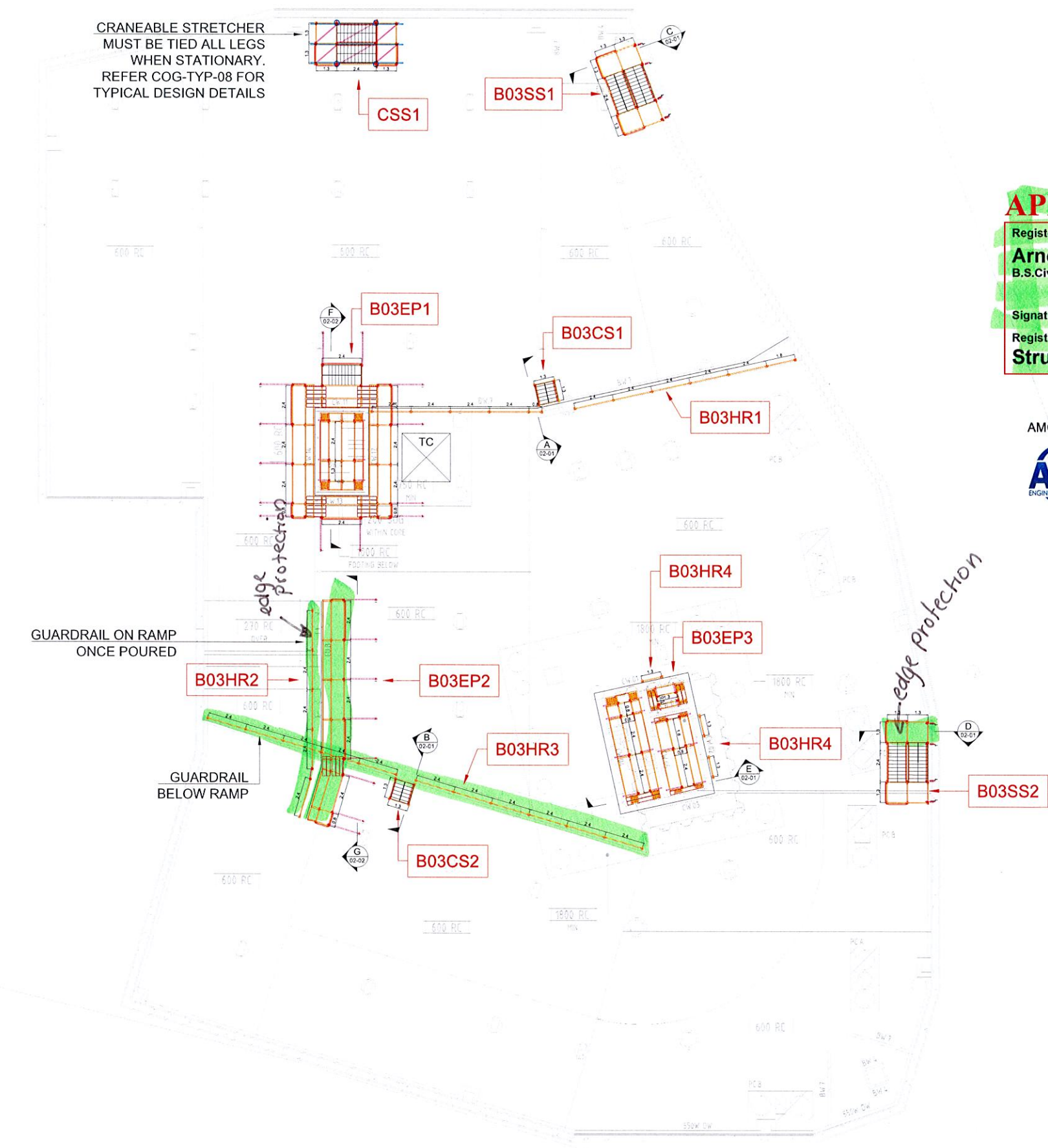
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

ABN: 33 605 969 926
ACN: 605 969 926

P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

certified by qualified person



-- BASEMENT 03
-- SCALE 1:300 @ A3

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SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

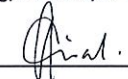
ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ #: 21011

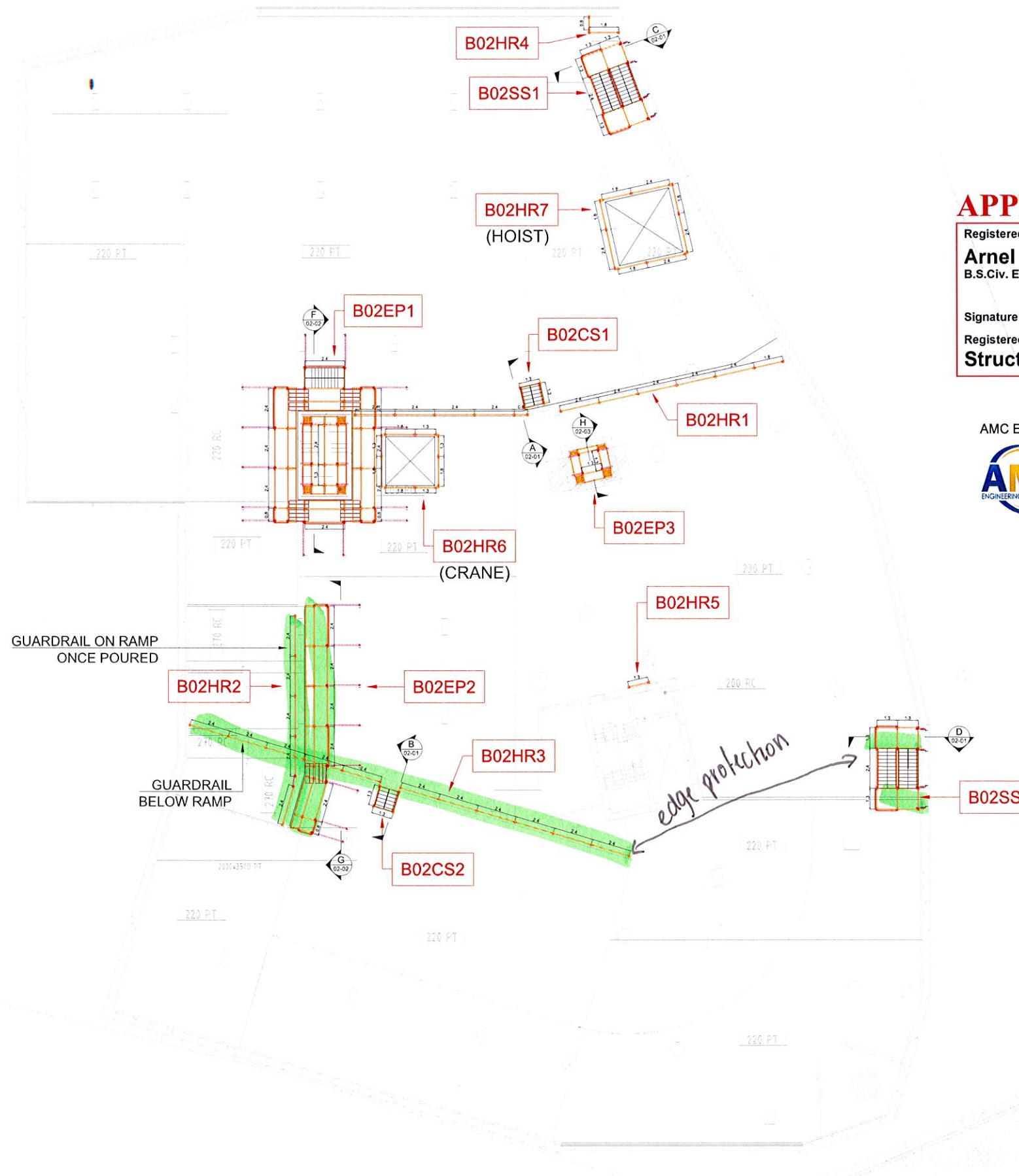
AMC Engineering Consultants Pty. Ltd.



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ACN: 605 969 926

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M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

Qualified Engineer.



-- BASEMENT 02
-- SCALE 1:300 @ A3

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B	FOR CONSTRUCTION	10/05/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes		3. Foundations/Support Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.		Maximum calculated Leg Load = 0.0 kN Lift positions and bracing frequency to be as shown.	
1. Cogent Scaffolding Copyright This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.		4. Tying & Bracing No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.		Maximum calculated Tie Load = 0.0 kN Tie Type : Tie spacing to be as shown on drawing.	
2. Loads Access Working Lifts : 1 No. @ 0.75 kN/m ² Additional Lifts : 1 No. @ 0.75 kN/m ² Hop-Up Brackets : 1 No. @ 0.75 kN/m ²		5. Design Output This drawing should be read in conjunction with :-		6. Responsibilities Wherever possible, risk is designed out of this proposal during the design process.	
Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force : kN/m ²		7. Scaffold/Formwork/Workform designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100		GLOBAL CERTIFICATION PTY LTD SAQ SCAFFOLDING ASSOCIATION QUEENSLAND QUALITY SAFETY www.jcs-anz.com.au/register	
				JAS-ANZ COGENT SCAFFOLDING Specialists in Scaffolding Solutions	
				FOR CONSTRUCTION Details: MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE Drawn: RT Date: 04/03/2022 Comments: - Drawing No: C320-01-B2	
				COGENT SCAFFOLDING Unit 6, 368 Lamshaw Road Banyo QLD 4014 Phone 1 300 550 149 info@cogentscaffolding.com.au	
				B	

! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

! ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926

P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

GUARDRAIL ON RAMP
ONCE POURED

-- BASEMENT 01
-- SCALE 1:300 @ A3

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B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

1. Cogent Scaffolding Copyright
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2. Loads
Access Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

3. Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Formwork/Falsework designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KWKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -

Drawing No: C320-01-B1

COGENT SCAFFOLDING
Unit 6, 368 Lamshaw Road
Banyo Qld 4014
Phone T 1300 550 149
info@cgentscaffolding.com.au

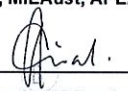
B

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

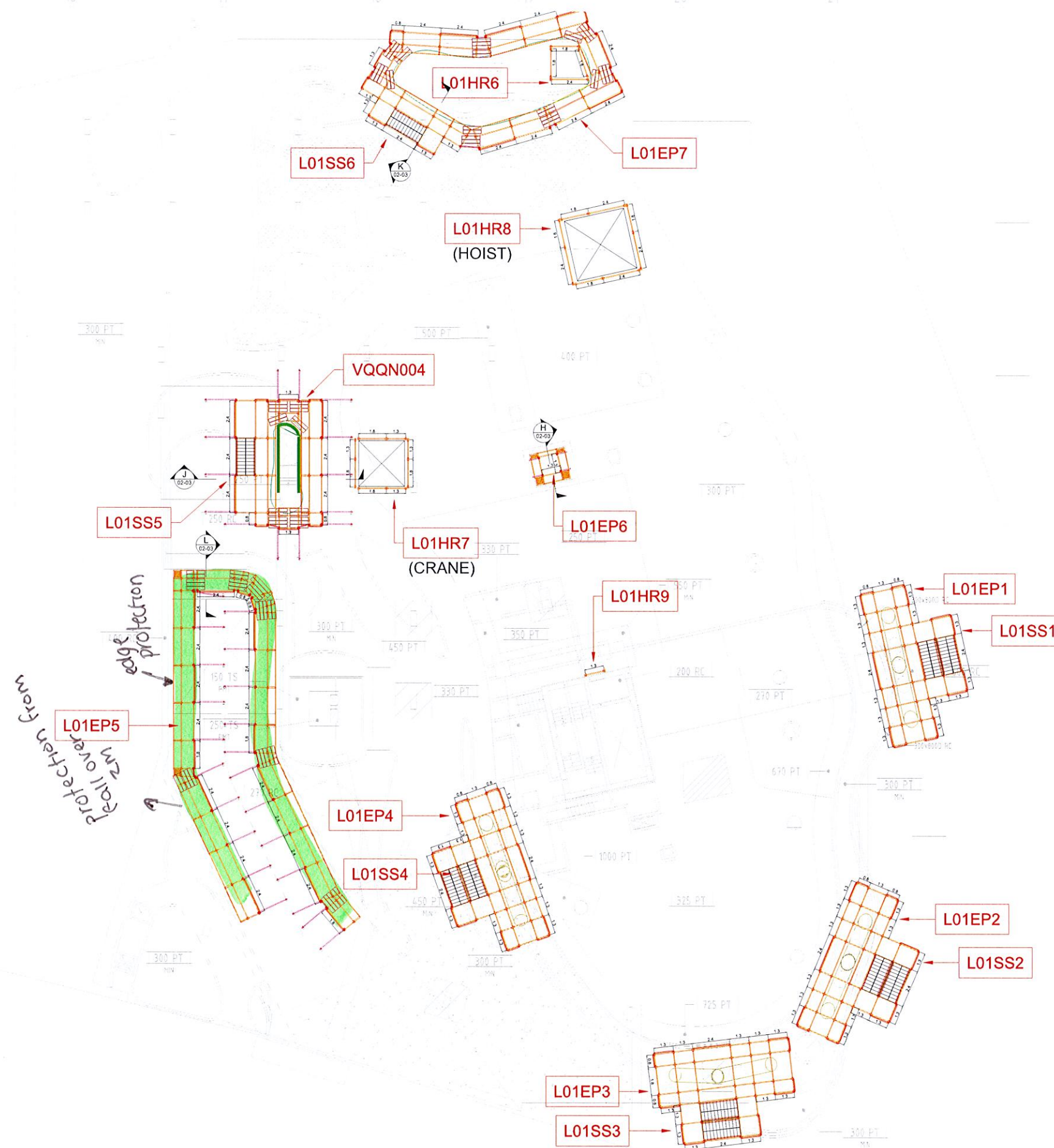


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W: www.amceng.com.au

SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS



-- LEVEL 01 (GROUND)
-- SCALE 1:300 @ A3

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C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn:	checked:

Drawing Notes

1. Cogent Scaffolding Copyright
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2. Loads
Access
Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

3. Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Formwork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY - Registration Number: 254



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn No:	C320-01-01
	COGENT SCAFFOLDING Unit 6, 368 Eastview Road Banyo QLD 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au

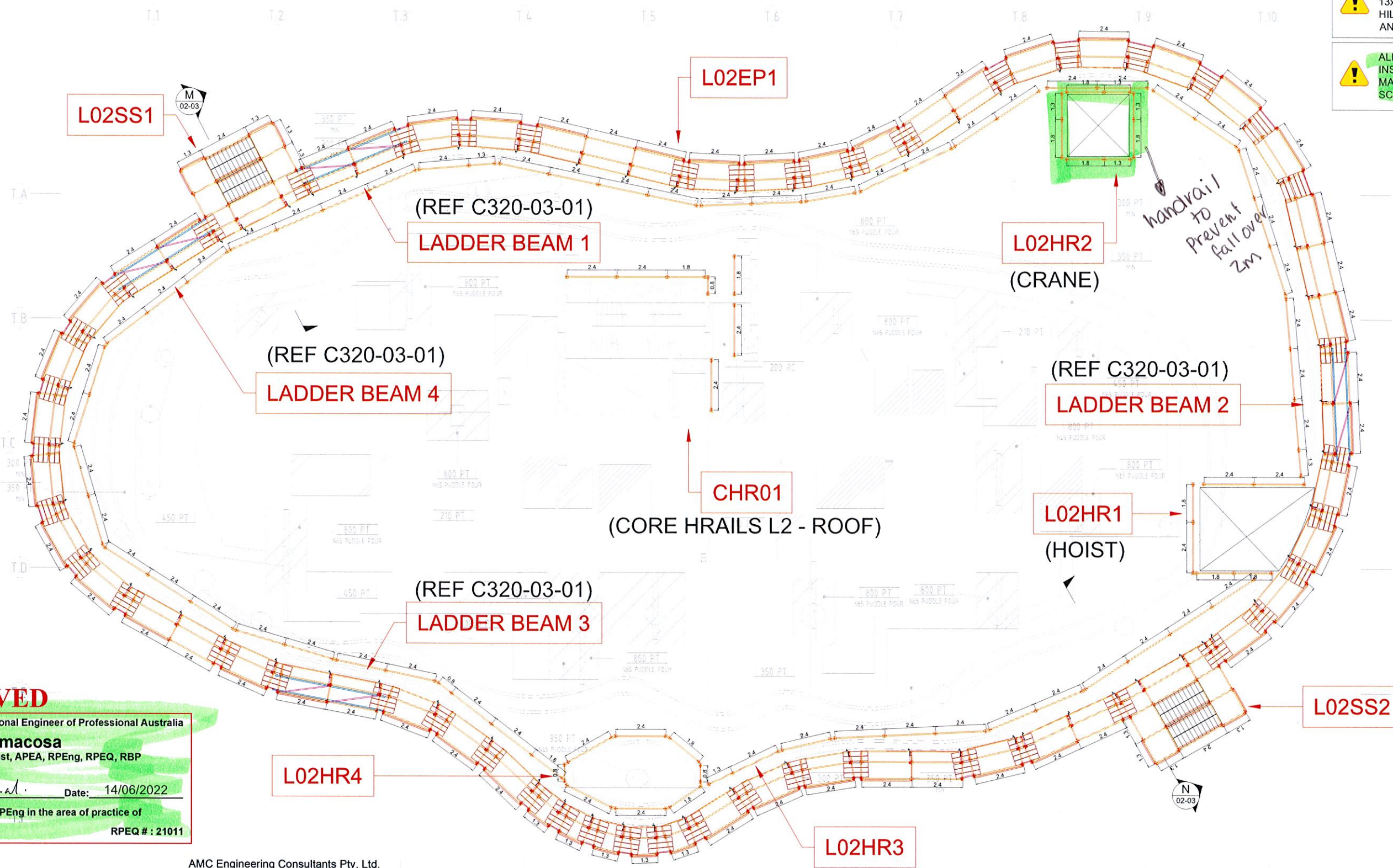
B

SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

ALL SCAFFOLD MUST BE INSPECTED EVERY 30 DAYS MAX. BY A QUALIFIED SCAFFOLDER

Complies with Building Reg Schedule 1



APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: *[Signature]* Date: 14/06/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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W: www.amceng.com.au

-- LEVEL 02
-- SCALE 1:200 @ A3

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B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

- Cogent Scaffolding Copyright.
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- Loads
Access
Working Lifts1.....No. @: 0.75 kN/m²
Additional Lifts1.....No. @: 0.75 kN/m²
Hop-Up Brackets1.....No. @: 0.75 kN/m²
- Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind ForcekN/m²
- Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.
- Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.
- Design Output
This drawing should be read in conjunction with:-
- Maximum calculated Leg Load =0.0.....kN
Lift positions and bracing frequency to be as shown.
Maximum calculated Tie Load =0.0.....kN
Tie Type:
Tie spacing to be as shown on drawing.
- Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
- Scaffold/Falswork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.

GLOBAL CERTIFICATION PTY LTD
JAS-ANZ
SAQ
SCAFFOLDING ASSOCIATION QUEENSLAND
QUALITY SAFETY
www.jas-anz.com.au/register
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION	
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawing No:	C320-01-02
COGENT SCAFFOLDING Unit 6, 368 Samahua Road Banyo Qld 4074 Phone 1 300 550 149 info@cogentscaffolding.com.au	

SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

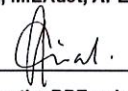
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Signature:  Date: 14/06/2022

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Structural

RPEQ # : 21011

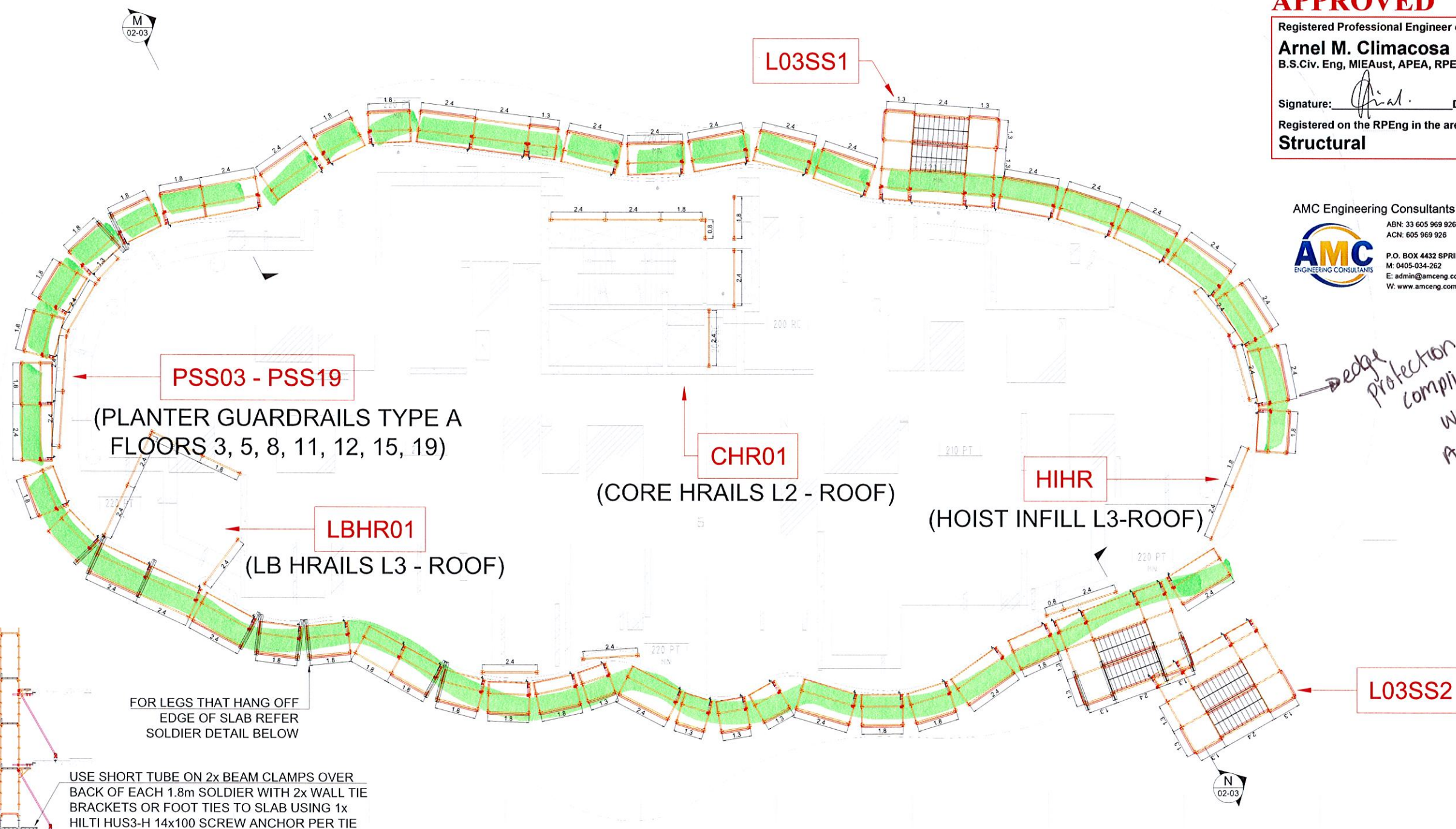
AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926

P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

Edge protection complies with AS/NZS 4576 section 8.



FOR LEGS THAT HANG OFF
EDGE OF SLAB REFER
SOLDIER DETAIL BELOW

USE SHORT TUBE ON 2x BEAM CLAMPS OVER
BACK OF EACH 1.8m SOLDIER WITH 2x WALL TIE
BRACKETS OR FOOT TIES TO SLAB USING 1x
HILTI HUS3-H 14x100 SCREW ANCHOR PER TIE

300 MAX.

SOLDIER DETAIL
SCALE 1:200 @ A3

LEVEL 03
SCALE 1:200 @ A3

I				
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D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

1. Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.

2. Loads
Access Working Lifts1.....No. @. 0.75 kN/m²
Additional Lifts1.....No. @. 0.75 kN/m²
Hop-Up Brackets1.....No. @. 0.75 kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

Foundations/Support

Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.
Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawing No:	C320-01-03
	COGENT SCAFFOLDING Unit 6, 358 Eamshaw Road Banyo QLD 4014 Phone T 1300 555 149 info@cogentscaffolding.com.au

! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

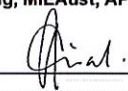
! ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

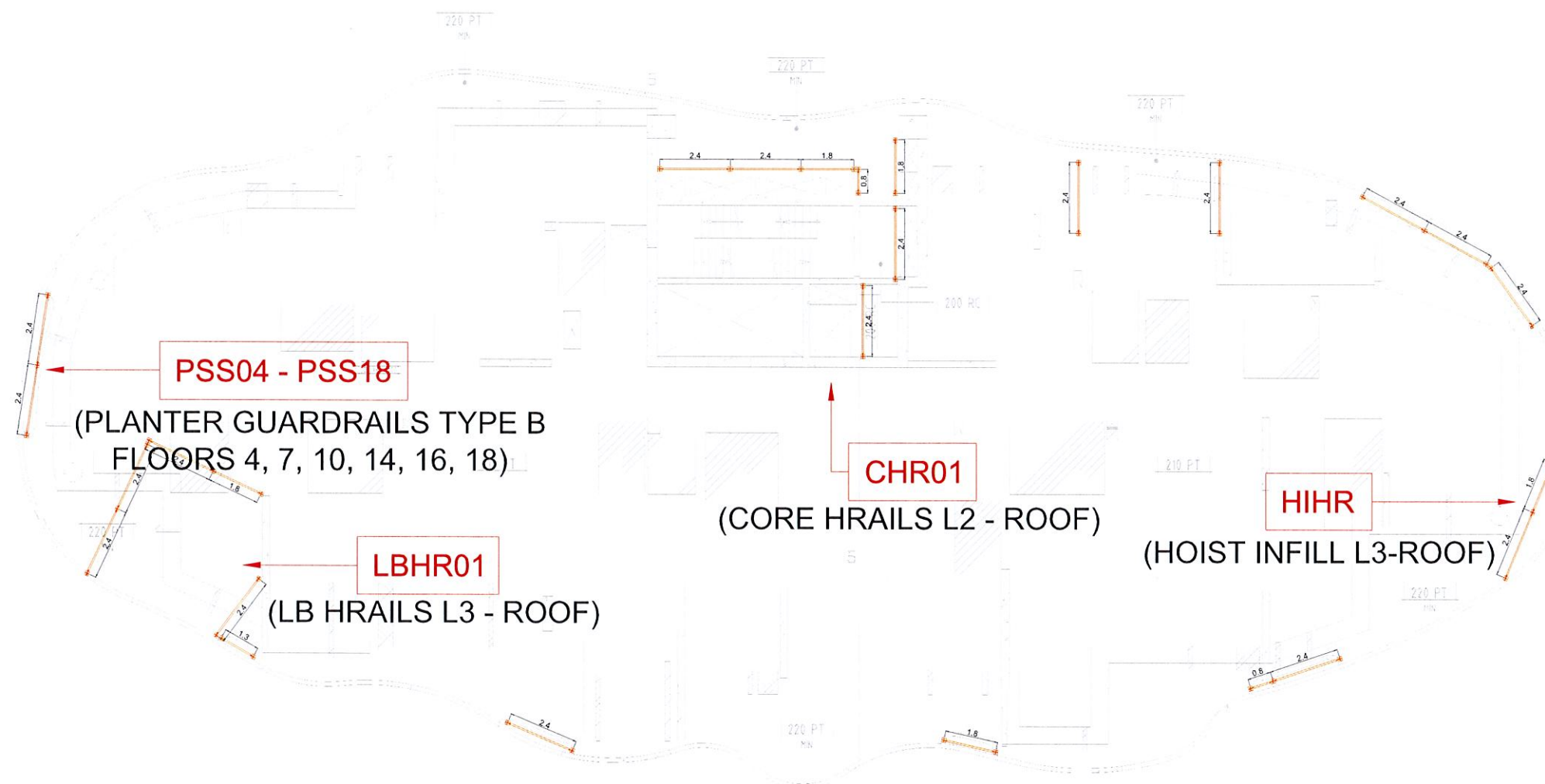
RPEQ #: 21011

AMC Engineering Consultants Pty. Ltd.



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ACN: 605 969 926

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W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER
GUARDRAIL DETAILS FLOOR TO SOFFIT

-- LEVEL 04
-- SCALE 1:200 @ A3

Index				Drawing Notes				FOR CONSTRUCTION			
I				1. Cogent Scaffolding Copyright	3. Foundations/Support	Maximum calculated Leg Load = 0.0 kN	SAQ	GLOBAL CERTIFICATION PTY LTD	JAS-ANZ	Details:	MIRVAC
H				This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.	Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.	Lift positions and bracing frequency to be as shown.	SCAFFOLDING ASSOCIATION QUEENSLAND	QUALITY	SAFETY	QUAY WATERFRONT NEWSTEAD	COGENT SCAFFOLDING
G				2. Loads	4. Tying & Bracing	Maximum calculated Tie Load = 0.0 kN				PERIMETER SCAFFOLD - PLAN	Un: 6, 368 Lamshaw Road
F				Access	No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.	Tie Type: -				KWIKSTAGE	Banyo Qld 4014
E				Working Lifts 1 No. @ 0.75 kN/m ²	5. Design Output	Wherever possible, risk is designed out of this proposal during the design process.				Drawn: RT	Phone T 1300 550 149
D				Additional Lifts 1 No. @ 0.75 kN/m ²	This drawing should be read in conjunction with :-	7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170 2, AS3610, AS6669, AS4100				Date: 04/03/2022	info@cogentscaffolding.com.au
C				Hop-Up Brackets 1 No. @ 0.75 kN/m ²						Comments: -	
B	FOR CONSTRUCTION	10/06/2022	RT	DO						Drawn-No: C320-01-04	
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO							
	Revision	Date	drawn:	checked:							

! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

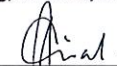
! ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of Structural

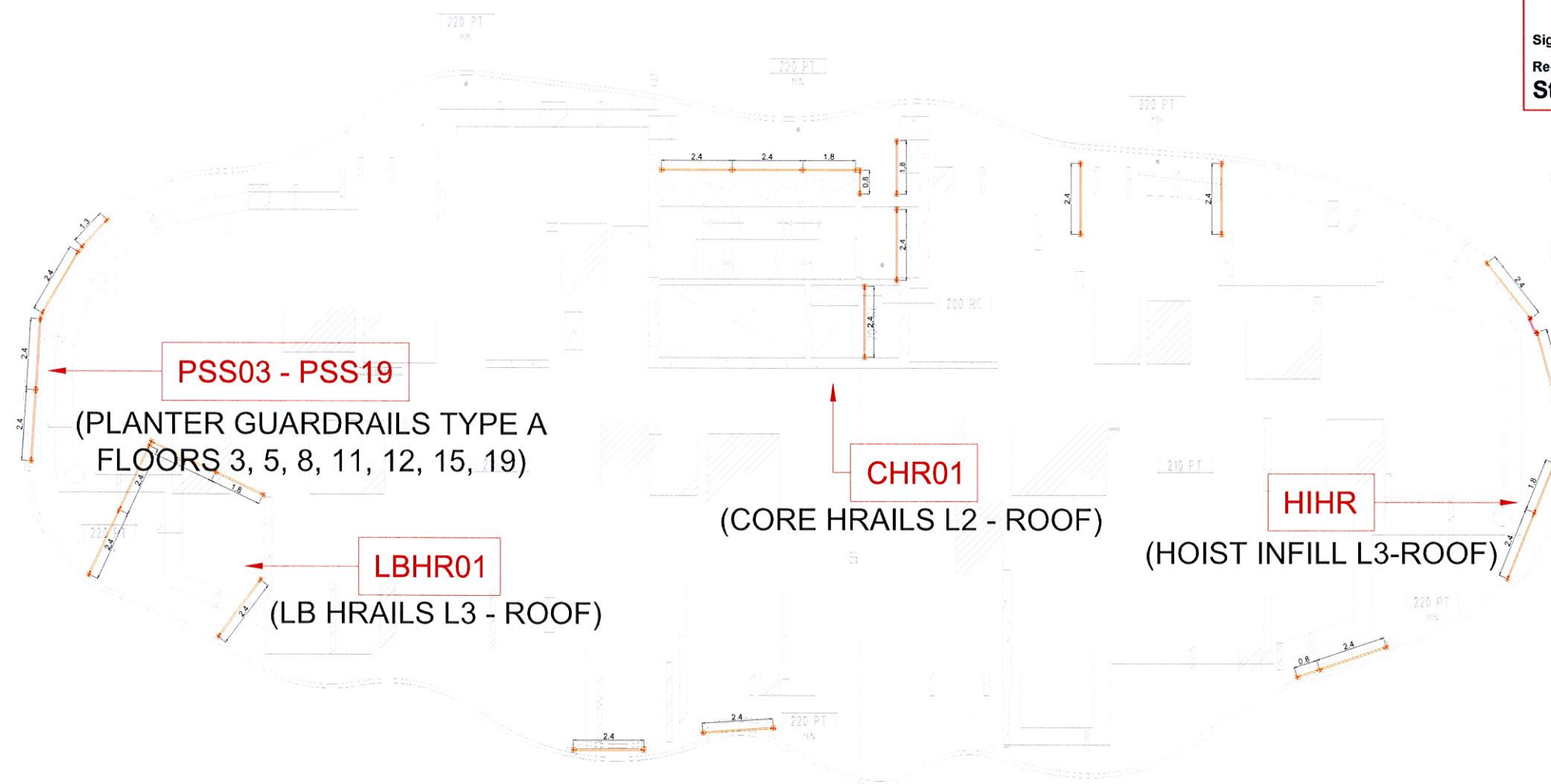
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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ACN: 605 969 926

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W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER GUARDRAIL DETAILS FLOOR TO SOFFIT

-- LEVEL 05
-- SCALE 1:200 @ A3

Index	Revision	Date	drawn	checked
I				
H				
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D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO

Drawing Notes

- Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.
- Loads
Access
Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²
Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²
- Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.
- Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.
- Design Output
This drawing should be read in conjunction with :-
- Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
- Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.
Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

SAQ SCAFFOLDING ASSOCIATION QUEENSLAND
GLOBAL CERTIFICATION PTY LTD
JAS-ANZ
QUALITY SAFETY
www.jas-anz.com.au/register

ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: +

Cogent Scaffolding
Unit: 6, 368 Lamshaw Road
Banyo QLD 4074
Phone T 1300 550 149
info@cogentscaffolding.com.au

Drawing No: C320-01-05

B

! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

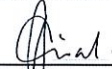
! ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926

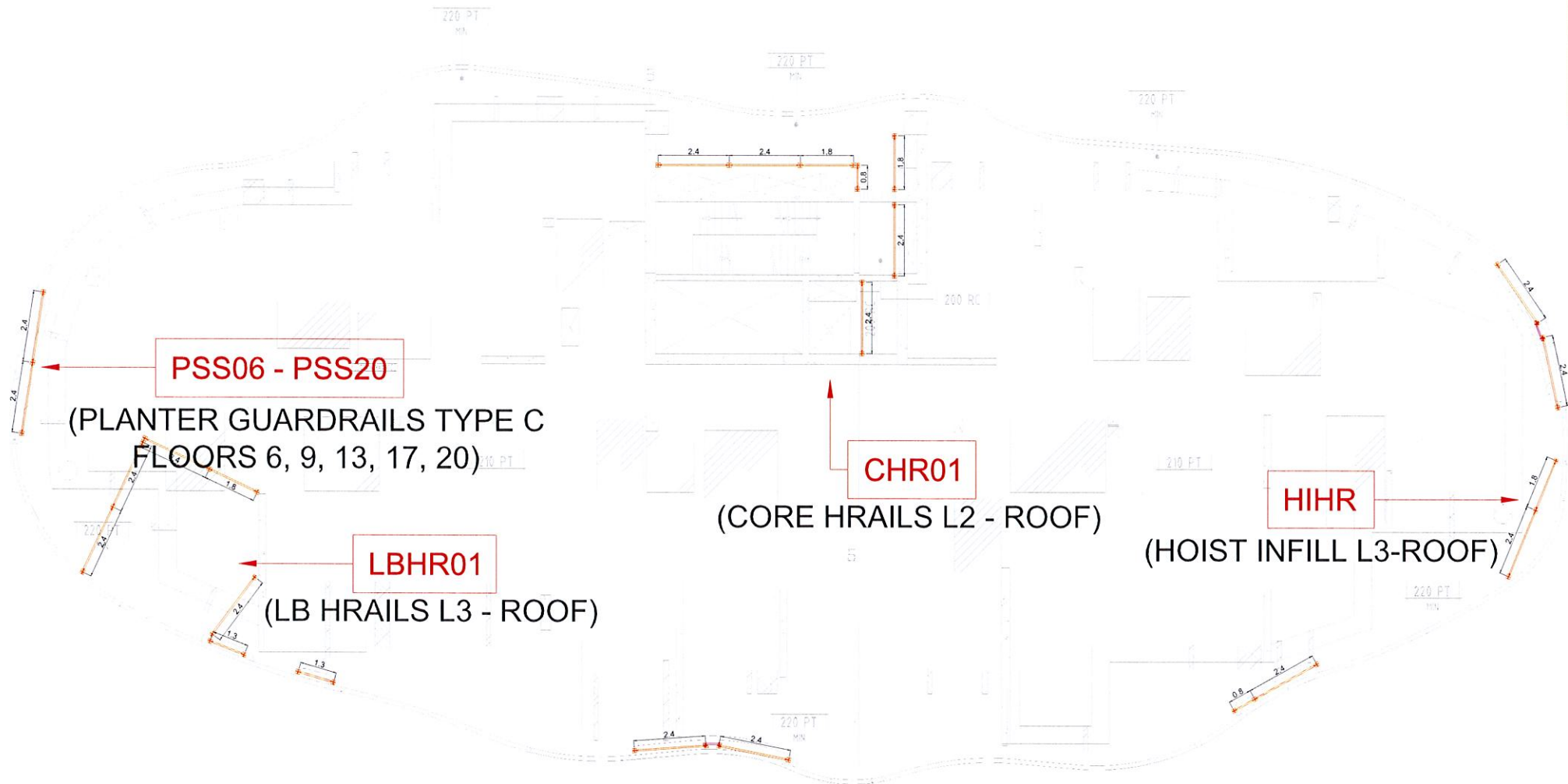
ACN: 605 969 926

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W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER GUARDRAIL DETAILS FLOOR TO SOFFIT

-- LEVEL 06
-- SCALE 1:200 @ A3

I				
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C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

1. Cogent Scaffolding Copyright
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2. Loads
Access Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

3. Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn-By:	C320-01-06
	B

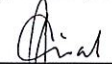
SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

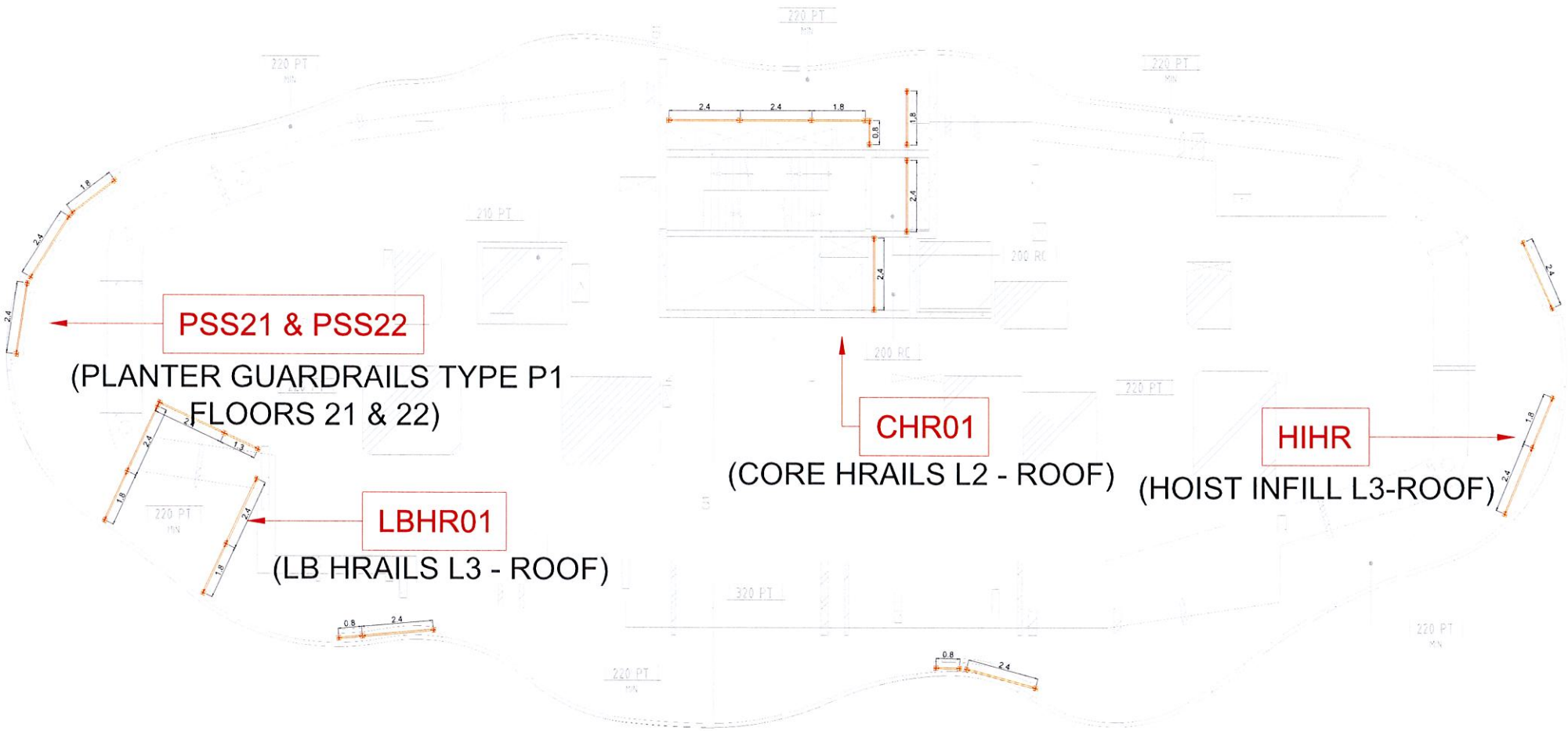
Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
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W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER
GUARDRAIL DETAILS FLOOR TO SOFFIT

-- LEVEL 21
-- SCALE 1:200 @ A3

I				
H				
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D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

1. Cogent Scaffolding Copyright
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2. Loads
Access Working Lifts 1 No. @ 0.75 kN/m²
Additional Lifts 1 No. @ 0.75 kN/m²
Hop-Up Brackets 1 No. @ 0.75 kN/m²

Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force kN/m²

3. Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load = 0.0 kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load = 0.0 kN
Tie Type :-
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -

Drawing No: C320-01-21

COGENT SCAFFOLDING
Unit 6, 368 Eamshaw Road
Banyo QLD 4014
Phone T 1300 550 149
info@cogentscaffolding.com.au

B

! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

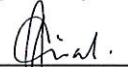
! ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

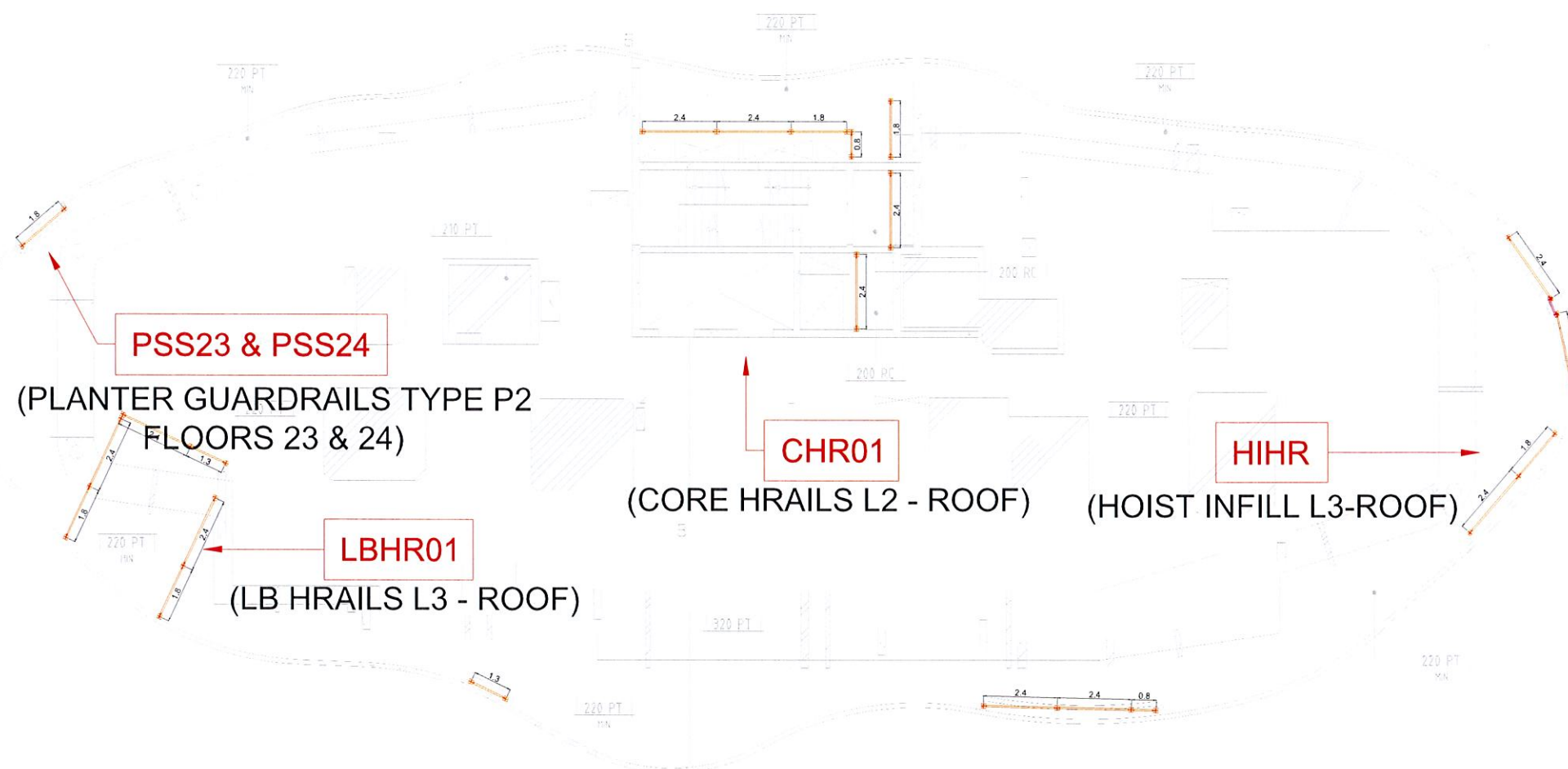
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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ACN: 605 969 926

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REFER C320-03-01 FOR ALL PLANTER
GUARDRAIL DETAILS FLOOR TO SOFFIT

-- LEVEL 23
-- SCALE 1:200 @ A3

Index	Revision	Date	drawn	checked
I				
H				
G				
F				
E				
D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO

Drawing Notes

1. Cogent Scaffolding Copyright.
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2. Loads
Access
Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m²

3. Foundations/Support

Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawing No:	C320-01-23
	B

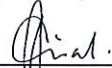
SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

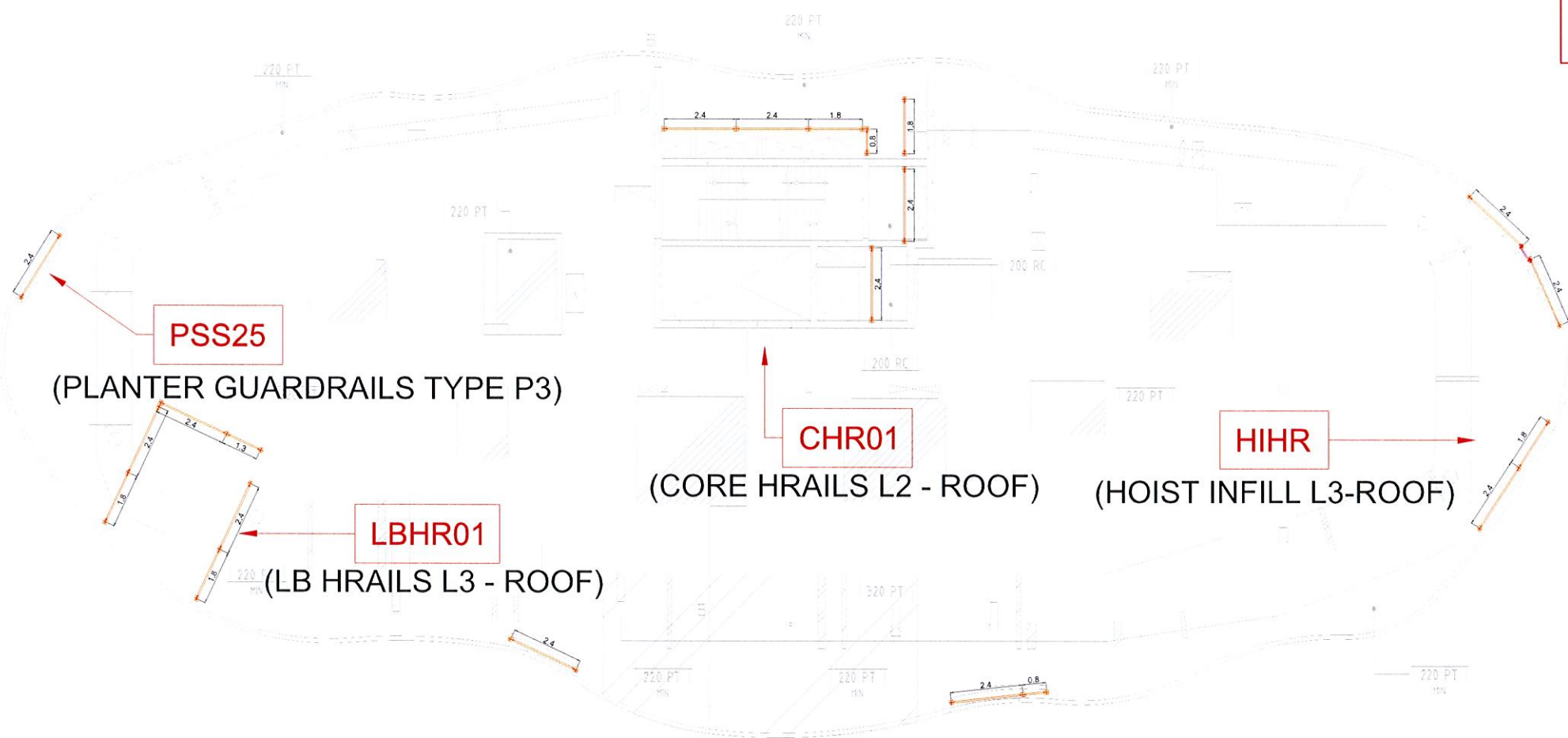
Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER
GUARDRAIL DETAILS FLOOR TO SOFFIT

LEVEL 25
SCALE 1:200 @ A3

I				
H				
G				
F				
E				
D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

1. Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.

2. Loads
Access Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

3. Foundations/Support

Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of the proposal during the design process.

7. Scaffold/Falswork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

Details MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KWKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -
COGENT SCAFFOLDING
Unit 6, 368 Lamshaw Road
Banyo Qld 4014
Phone T 1300 559 149
info@cogentscaffolding.com.au

Drawing-No: C320-01-25

B

SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

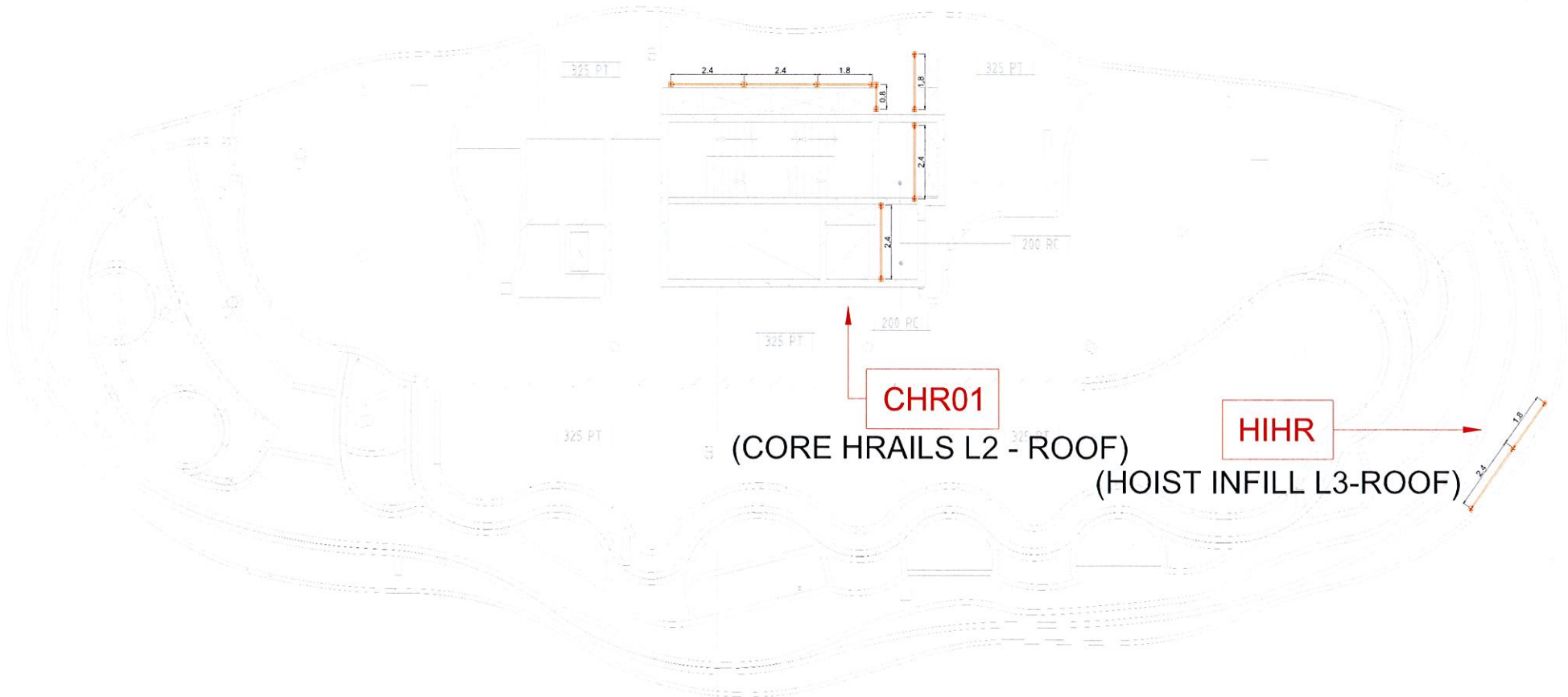
APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: *Arnel M. Climacosa* Date: 14/06/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
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E: admin@amceng.com.au
W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER GUARDRAIL DETAILS FLOOR TO SOFFIT

ROOF
SCALE 1:200 @ A3

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SCAFFOLDING
ASSOCIATION
QUEENSLAND

GLOBAL CERTIFICATION PTY LTD
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ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT
SCAFFOLDING

Specialists in Scaffolding Solutions

SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

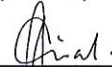
ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

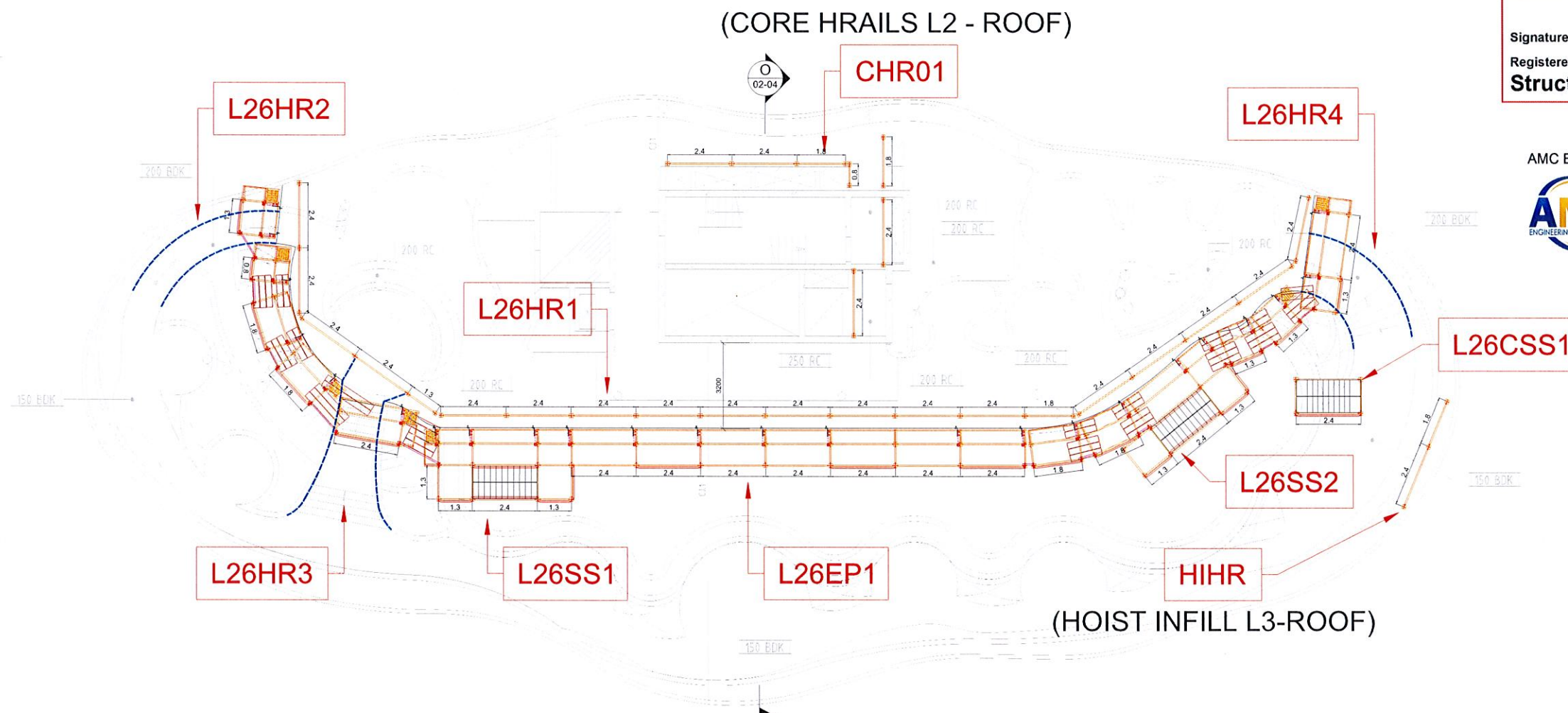
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926

P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER
GUARDRAIL DETAILS FLOOR TO SOFFIT

-- POOL DECK
-- SCALE 1:200 @ A3

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G				
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C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

1. Cogent Scaffolding Copyright
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2. Loads
Access Working Lifts1.....No. @...0.75...kN/m²
Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170 2. Max. Design Wind Force.....kN/m²

Foundations/Support

Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falswork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170 2, AS3610, AS6669, AS4100.



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KIKWISTAGE

Drawn: RT
Date: 04/03/2022
Comments: -
Drawing No: C320-01-27
COGENT SCAFFOLDING
Unit 6, 368 Esmay Road
Banyo Qld 4014
Phone T 1300 550 149
info@cogentscaffolding.com.au

B

SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
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Signature: *Arnel M. Climacosa* Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

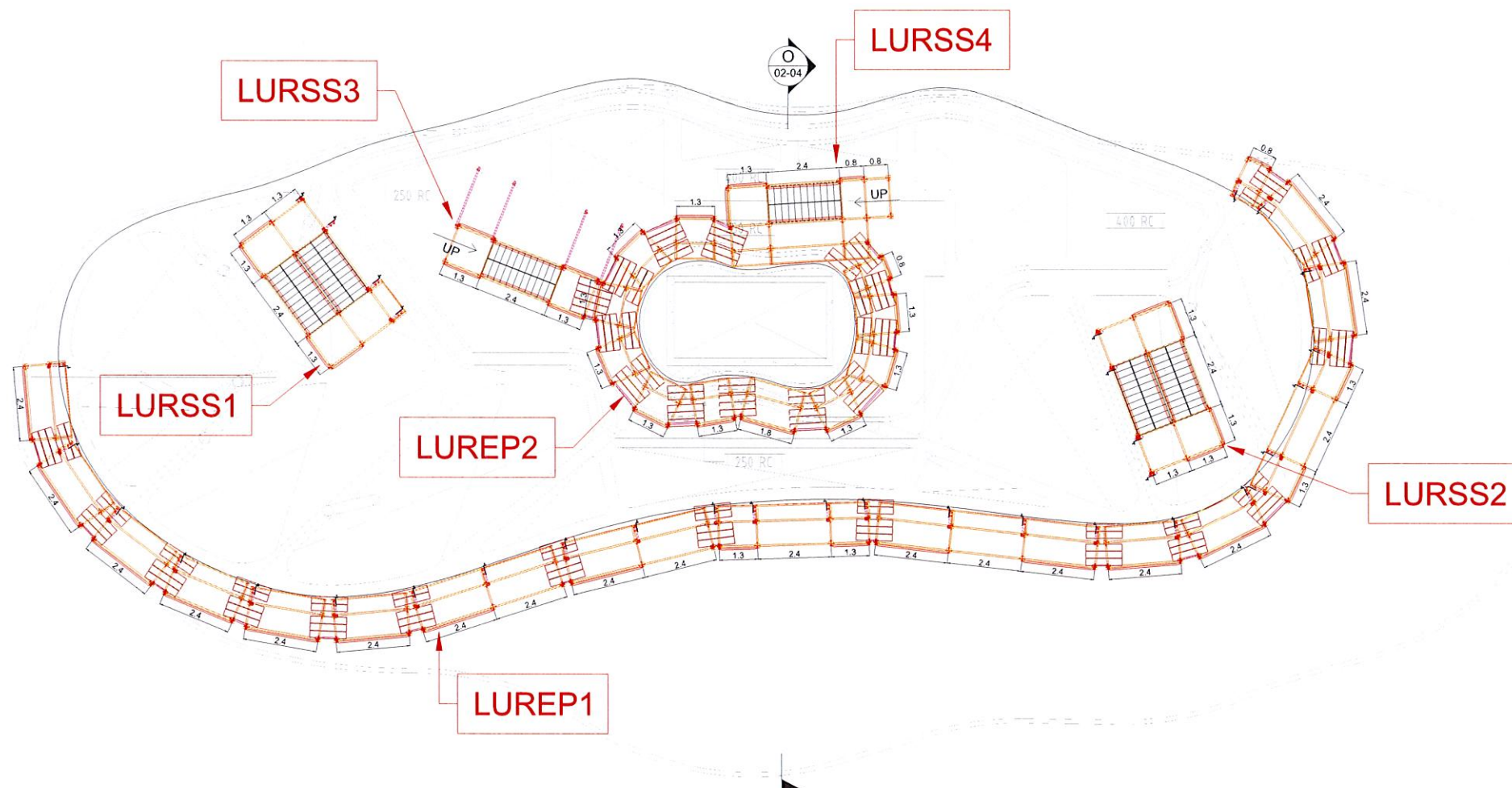
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926

P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



REFER C320-03-01 FOR ALL PLANTER
GUARDRAIL DETAILS FLOOR TO SOFFIT

-- UPPER ROOF LID
-- SCALE 1:200 @ A3

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B	FOR CONSTRUCTION	10/05/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

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2. Loads
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Additional Lifts1.....No. @...0.75...kN/m²
Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

3. Foundations/Support
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4. Tying & Bracing
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5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

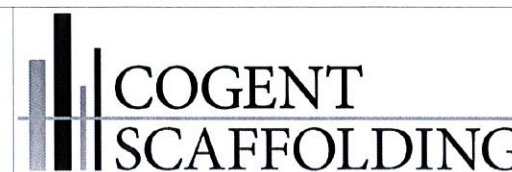
Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falswork/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - PLAN
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -
Drawing No: C320-01-28

COGENT SCAFFOLDING
Unit 6, 368 Esmay Road
Banyo QLD 4014
Phone 1 300 550 149
info@cgentscaffolding.com.au

B

SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature: *Arnel M. Climacosa* Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

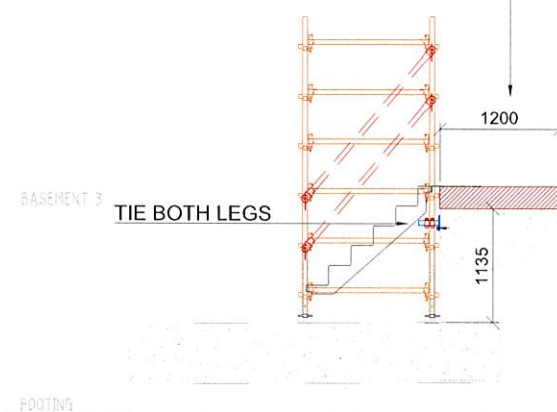
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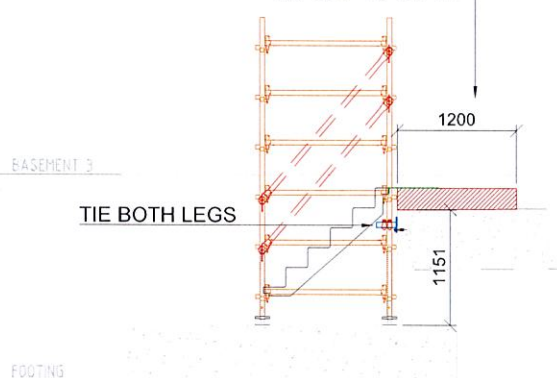
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CREATE 1200 LONG LANDING AT TOP OF STAIR



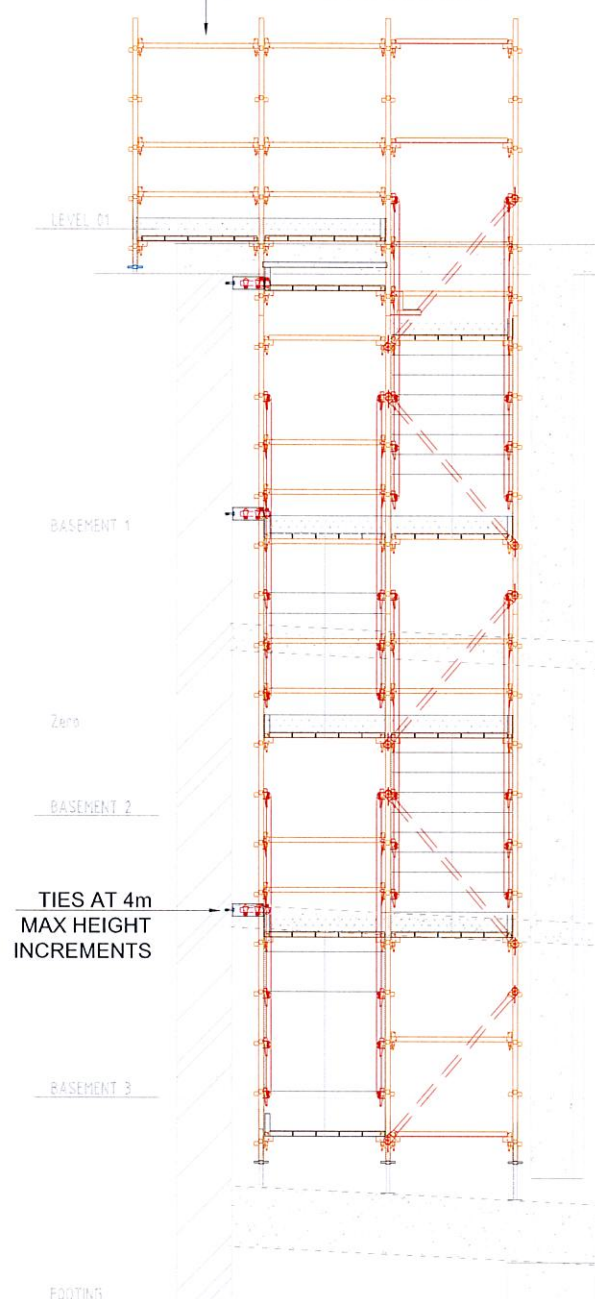
A SECTION
SCALE 1:75 @ A3

CREATE 1200 LONG LANDING AT TOP OF STAIR



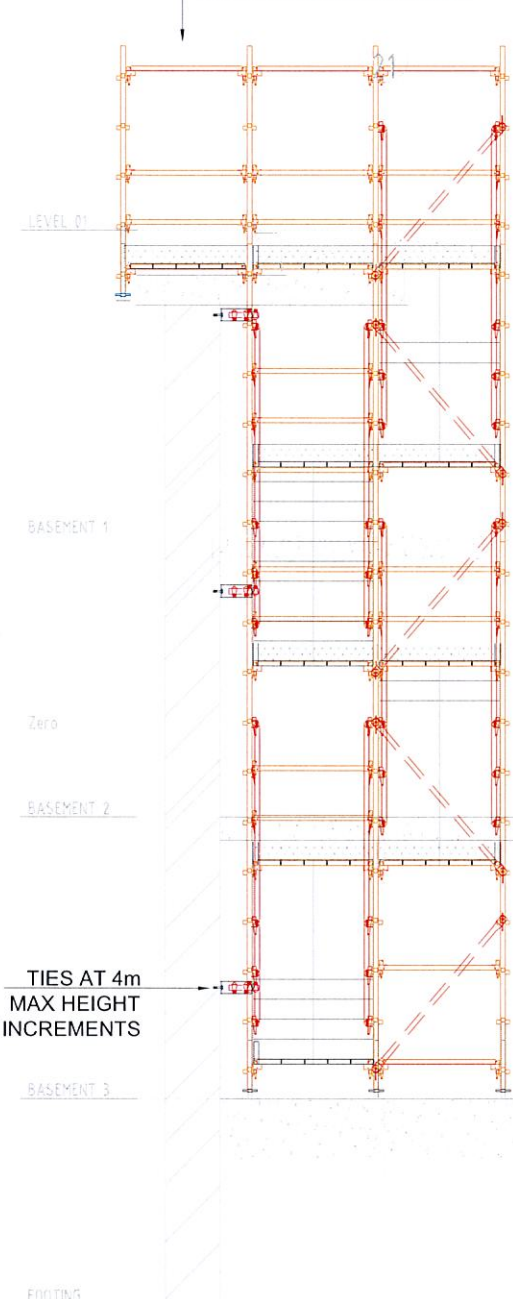
B SECTION
SCALE 1:75 @ A3

LANDING BAYS ONTO EACH SLAB LEVEL AS REQUIRED



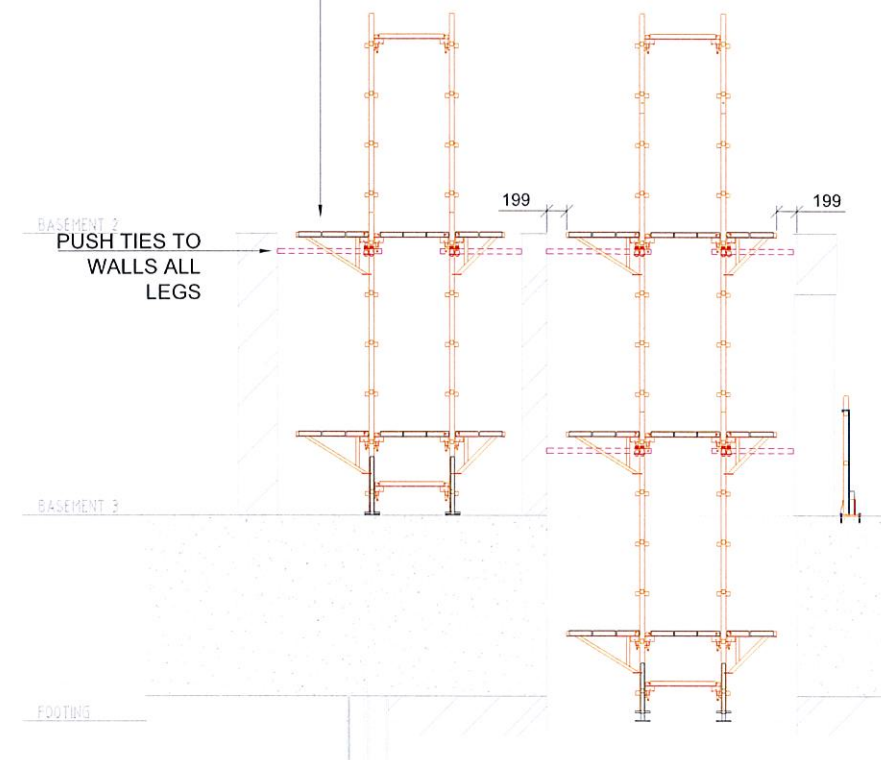
C SECTION
SCALE 1:75 @ A3

LANDING BAYS ONTO EACH SLAB LEVEL AS REQUIRED



D SECTION
SCALE 1:75 @ A3

CHANGE TO SPIGOT HOP UPS WITH GUARDRAILS IF EDGE PROTECTION REQUIRED FOR WALL POURS



E SECTION
SCALE 1:75 @ A3

Index	Revision	Date	drawn	checked
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F				
E				
D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO

Drawing Notes

1. Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.

2. Loads
Access
Working Lifts1.....No. @.....0.75.....kN/m²
Additional Lifts1.....No. @.....0.75.....kN/m²
Hop-Up Brackets1.....No. @.....0.75.....kN/m²

Wind
Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m²

3. Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or the ground, the Customer must ensure that the structure or ground is adequate to safely support the additional imposed loads.

4. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.

5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - SECTIONS
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -

Drawing No: C320-02-01

COGENT SCAFFOLDING
Unit 6, 366 Eamshaw Road
Banyo QLD 4014
Phone T 1300 550 149
info@cogentscaffolding.com.au

B

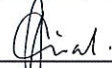
SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

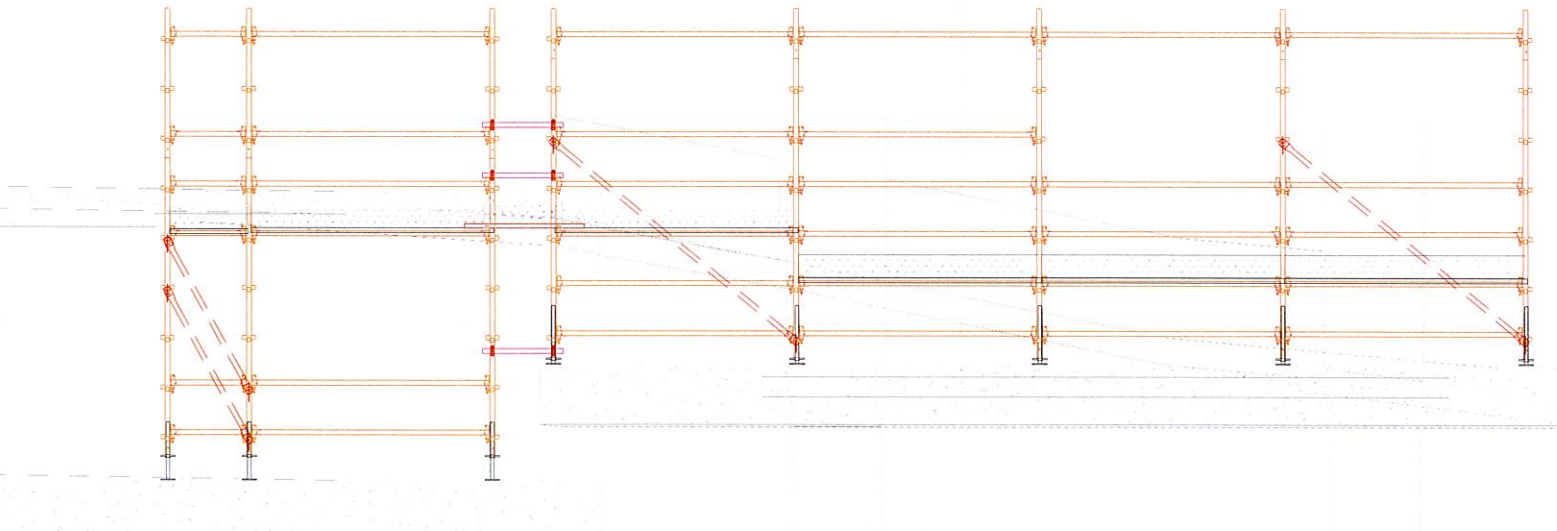
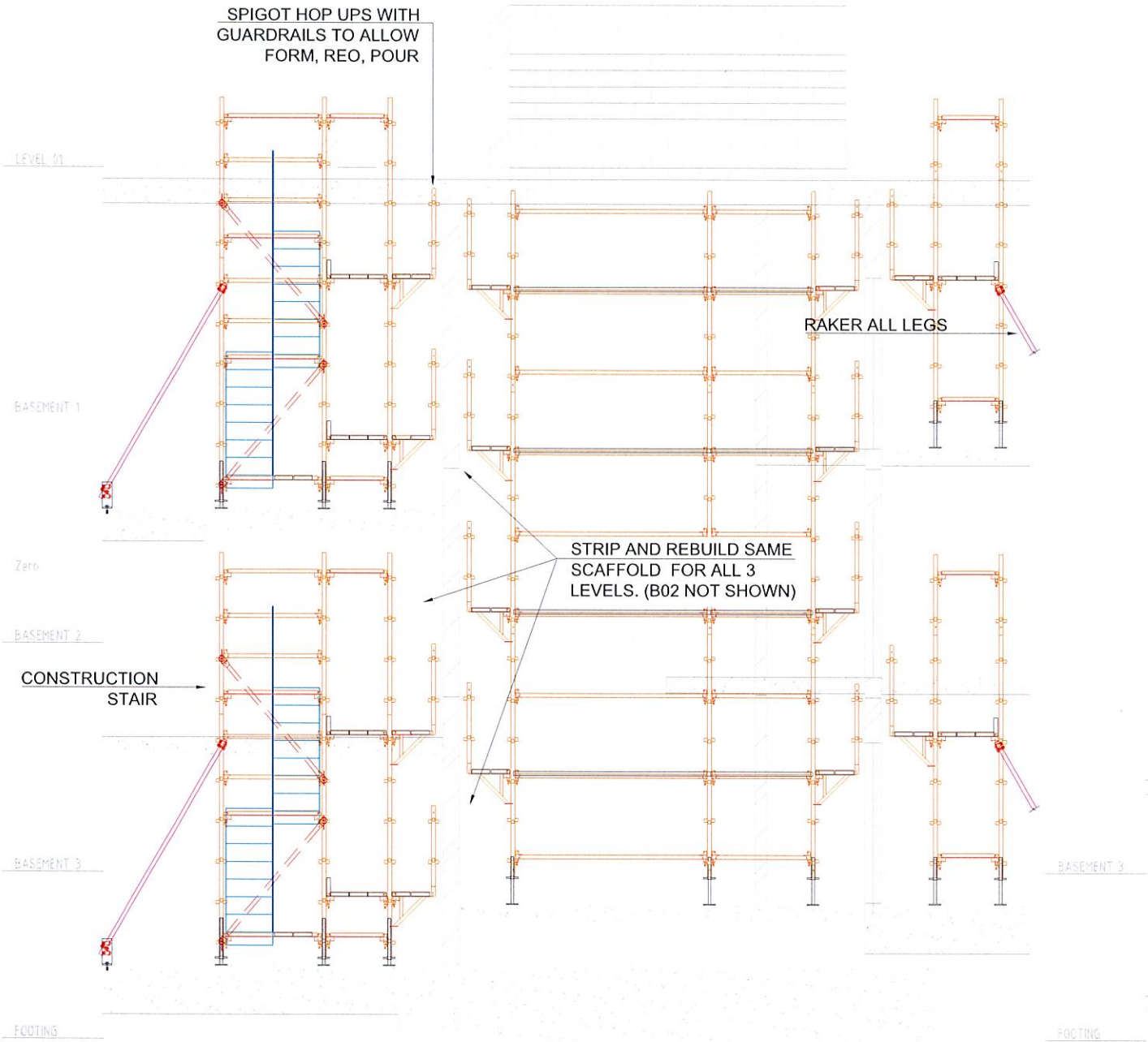
Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



F SECTION
SCALE 1:75 @ A3

G SECTION
SCALE 1:75 @ A3

Drawing Notes

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Hop-Up Brackets1.....No. @...0.75...kN/m²

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5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load =.....0.0.....kN
Tie Type :-.....
Tie spacing to be as shown on drawing.

6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - SECTIONS
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -

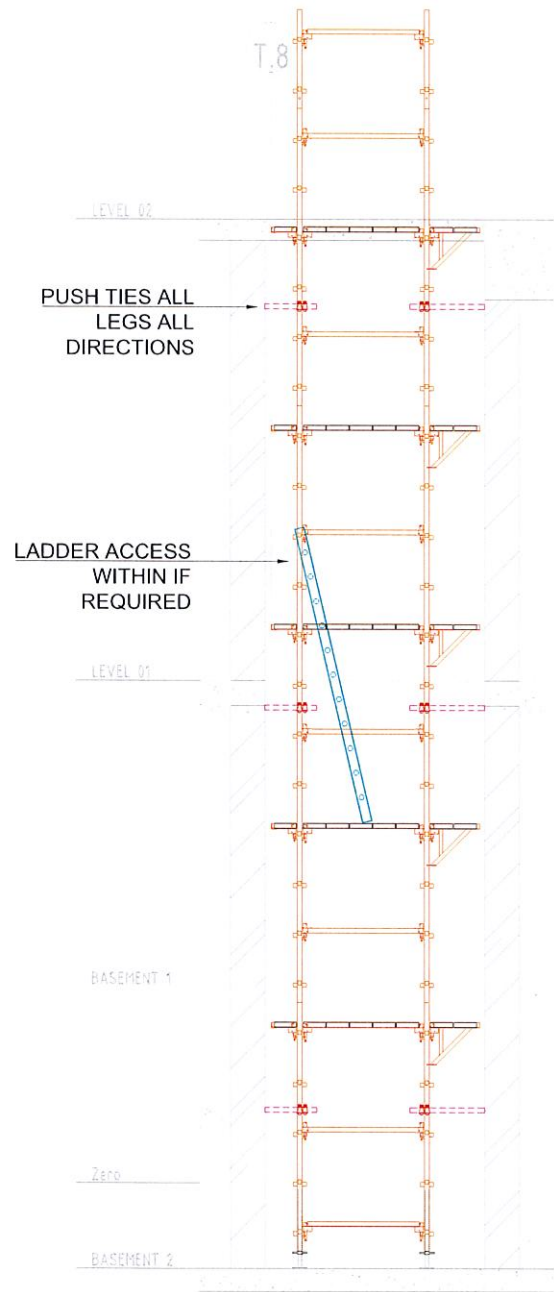
COGENT SCAFFOLDING
Unit 6, 368 Eamshaw Road
Banyo QLD 4014
Phone T 1300 550 149
info@cogentscaffolding.com.au

Drawing No: C320-02-02

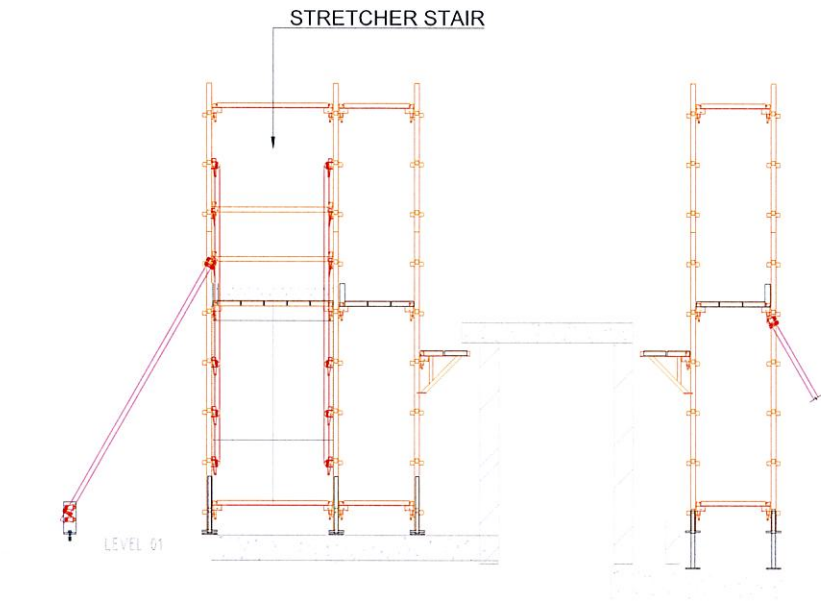
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SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

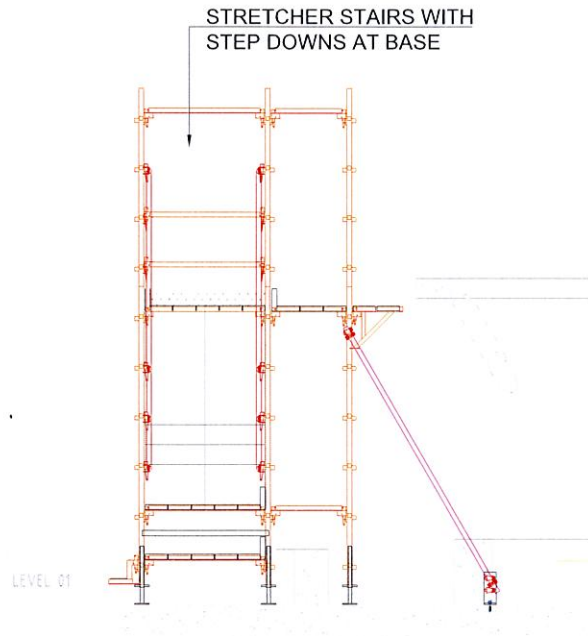
ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS



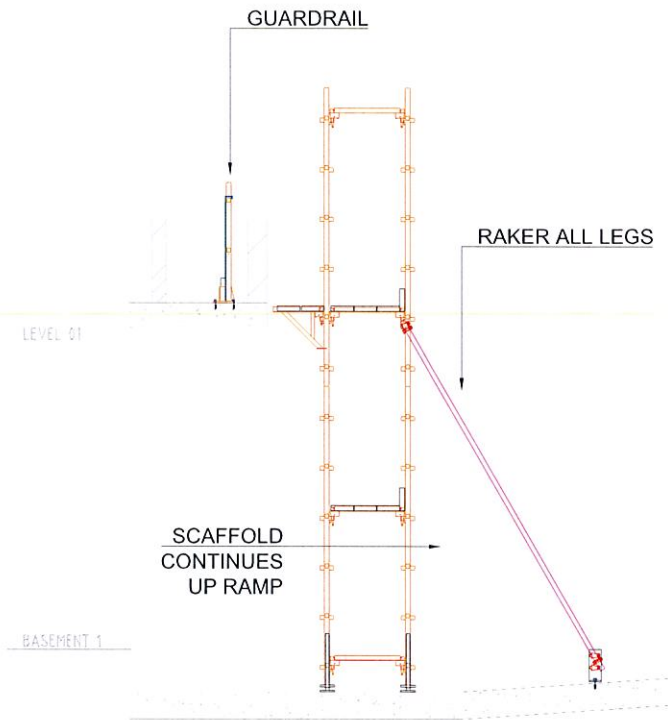
H SECTION
SCALE 1:75 @ A3



J SECTION
SCALE 1:75 @ A3



K SECTION
SCALE 1:75 @ A3



L SECTION
SCALE 1:75 @ A3

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature: [Signature] Date: 14/06/2022

Registered on the RPEng in the area of practice of Structural

RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

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Drawing Notes

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2. Loads
Access Working Lifts 1 No. @ 0.75 kN/m²
Additional Lifts 1 No. @ 0.75 kN/m²
Hop-Up Brackets 1 No. @ 0.75 kN/m²

Wind Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force kN/m²

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Maximum calculated Tie Load = 0.0 kN
Tie Type :-
Tie spacing to be as shown on drawing.

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ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

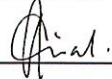
Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - SECTIONS
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -
Drawing No: C320-02-02

COGENT SCAFFOLDING
Unit 6, 368 Lamshaw Road
Banyo QLD 4014
Phone 1 300 556 149
info@cogentscaffolding.com.au

B

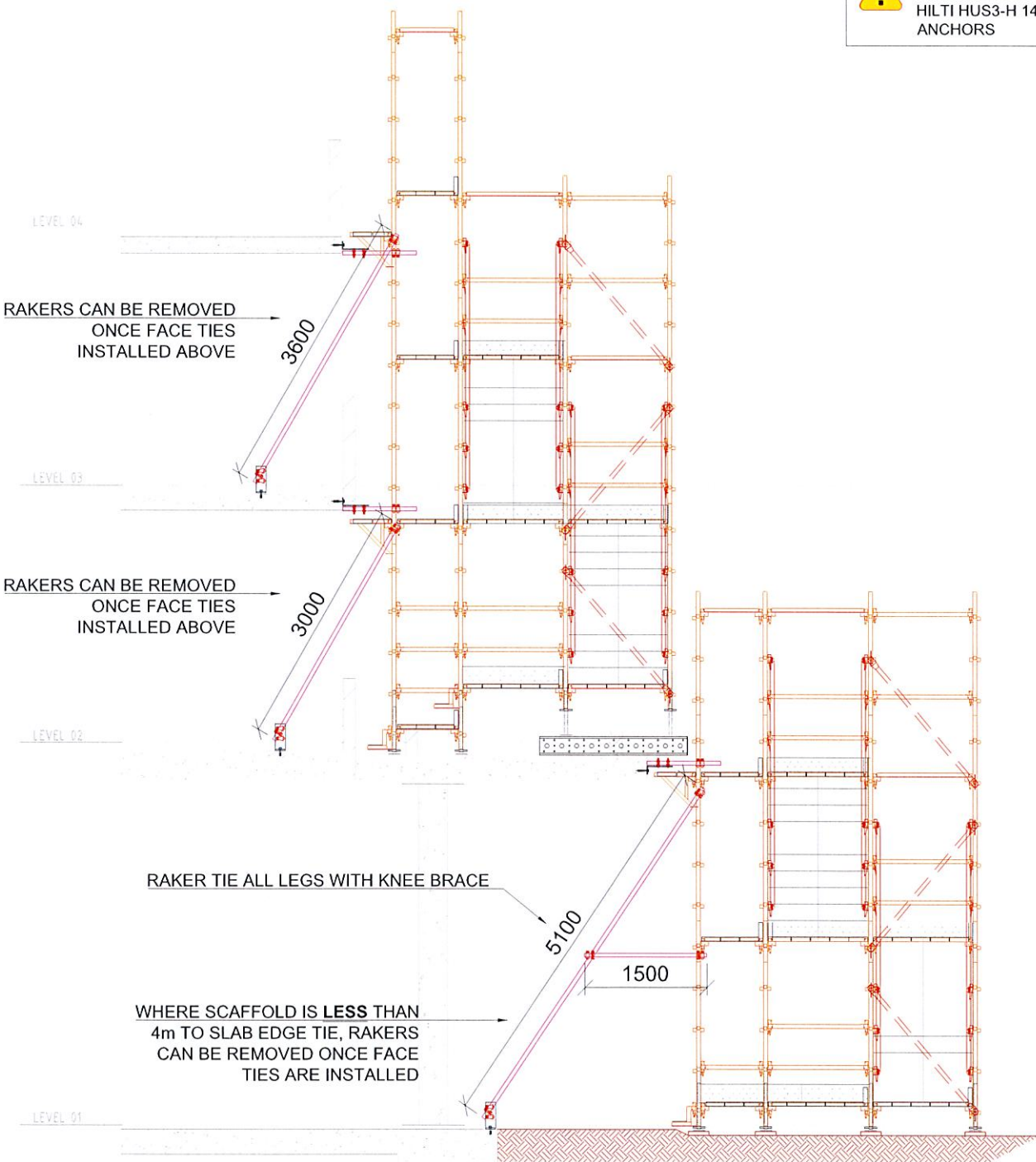
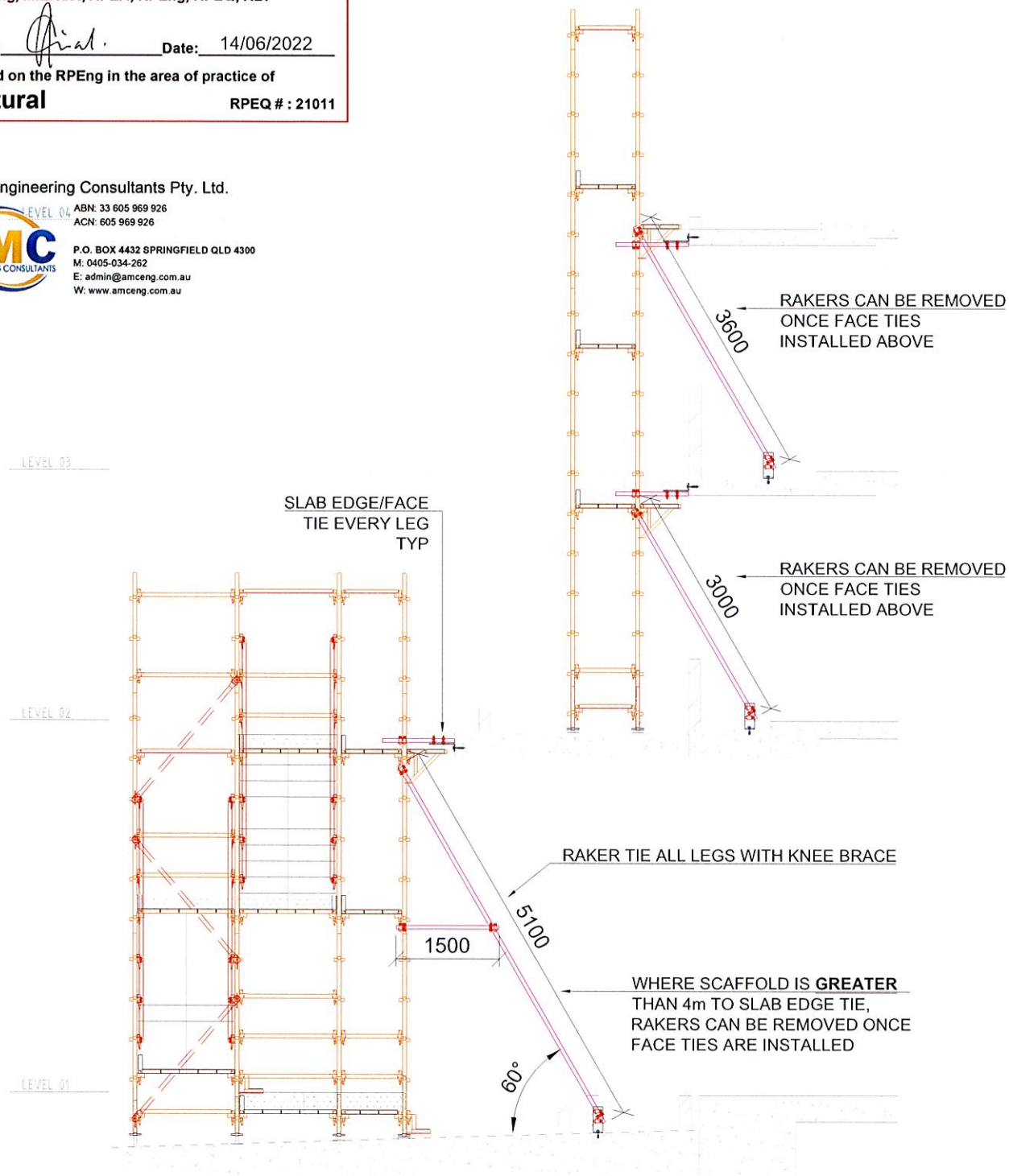
APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature:  Date: 14/06/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.
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ACN: 605 969 926
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E: admin@amceng.com.au
W: www.amceng.com.au

SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS



M SECTION
SCALE 1:75 @ A3

N SECTION
SCALE 1:75 @ A3

I				
H				
G				
F				
E				
D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

Drawing Notes

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Access Working Lifts 1 No. @ 0.75 kN/m²
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Lift positions and bracing frequency to be as shown.

Maximum calculated Tie Load = 0.0 kN
Tie Type :-
Tie spacing to be as shown on drawing.

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Wherever possible, risk is designed out of this proposal during the design process.

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SAQ GLOBAL CERTIFICATION PTY LTD JAS-ANZ
SCAFFOLDING ASSOCIATION QUEENSLAND QUALITY SAFETY
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - SECTIONS
KWIKSTAGE

Drawn: RT
Date: 04/03/2022
Comments: -

Drawing No: C320-02-04

COGENT SCAFFOLDING
Unit 6, 368 Eamshaw Road
Banyo QLD 4014
Phone T 1300 550 149
info@cogentscaffolding.com.au

B

APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: *[Signature]* Date: 14/06/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

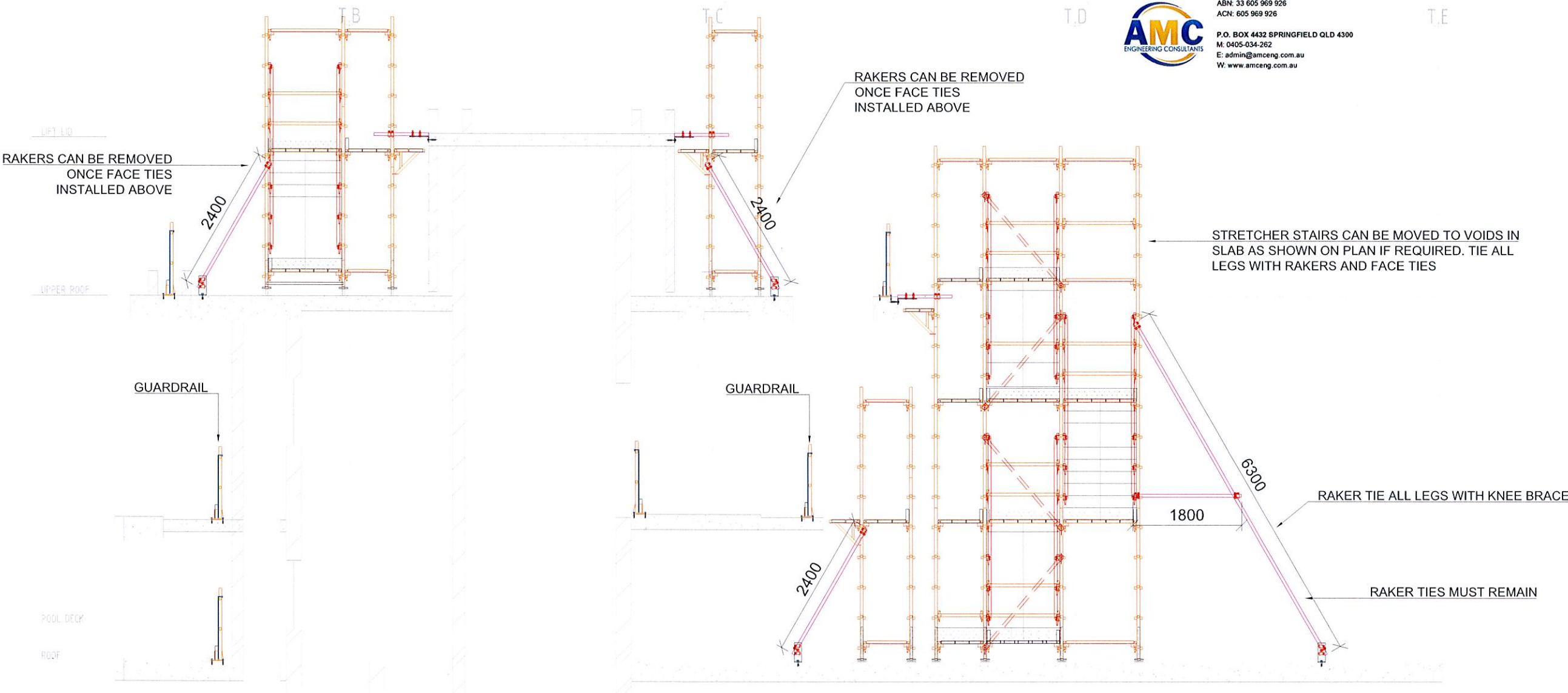
SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

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OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

AMC Engineering Consultants Pty. Ltd.



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SECTION
SCALE 1:75 @ A3

I				
H				
G				
F				
E				
D				
C				
B	FOR CONSTRUCTION	10/06/2022	RT	DO
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO
Index	Revision	Date	drawn	checked

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Access Working Lifts1.....No. @...0.75...kN/m²
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Hop-Up Brackets1.....No. @...0.75...kN/m²

Wind
Wind loads where applicable, have been calculated in accordance with AS 1170 2. Max. Design Wind Force.....kN/m²

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5. Design Output
This drawing should be read in conjunction with :-

Maximum calculated Leg Load =.....0.0.....kN
Lift positions and bracing frequency to be as shown.

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Tie Type :-.....
Tie spacing to be as shown on drawing.

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ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

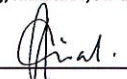
Details	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - SECTIONS KWKSTAGE
Drawn	RT
Date	04/03/2022
Comments	-
Drawn By	C320-02-05
	B

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

Signature:  Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011



SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING



ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

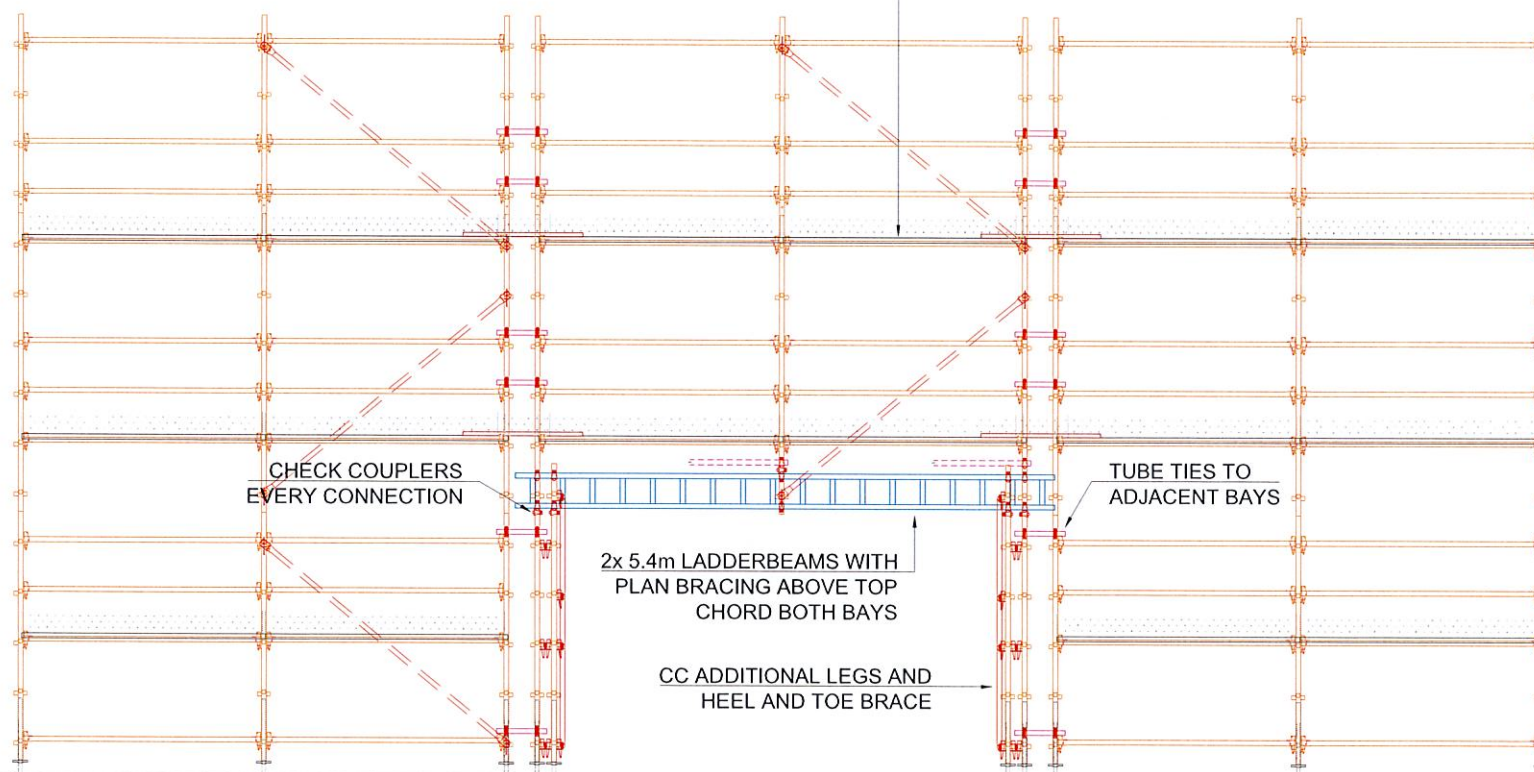
AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
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E: admin@amceng.com.au
W: www.amceng.com.au

MAX. 5x WORKING DECKS (10m) ON TOP
OF 1x PAIR OF LADDERBEAMS



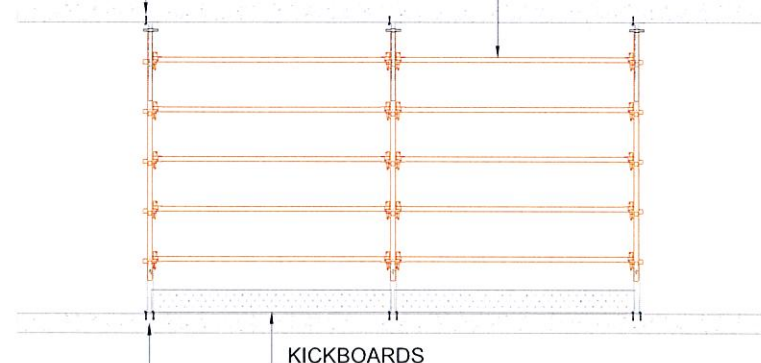
TYPICAL BAY ARRANGEMENTS SHOWN. HEIGHT BELOW BEAMS FOR HEAD CLEARANCE CAN BE ADJUSTED TO ANY HEIGHT TO CLIENTS REQUIREMENTS. ALL SCAFFOLD LEGS MUST BE TIED TO STRUCTURE

01 TYPICAL LADDERBEAM OPENING

SCALE 1:75 @ A3

SCREW JACK IN TOP OF STANDARD FIXED TO SOFFIT
WITH 1x HILTI HUS3-H 10x80mm SCREW ANCHOR

LEDGERS IN ALL NODES



HANDRAIL SOCKET BASE WITH KWIKSTAGE O/E
STANDARD INSERTED. FIX TO SLAB WITH 2x
HILTI HUS3-H 10x80mm SCREW ANCHORS. ONE
FRONT ONE REAR

02 TYPICAL PLANTER GUARDRAILS

SCALE 1:75 @ A3

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ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - DETAILS KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn-By:	C320-03-01
	COGENT SCAFFOLDING Unit 6, 368 Eamshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@coagentscaffolding.com.au

B