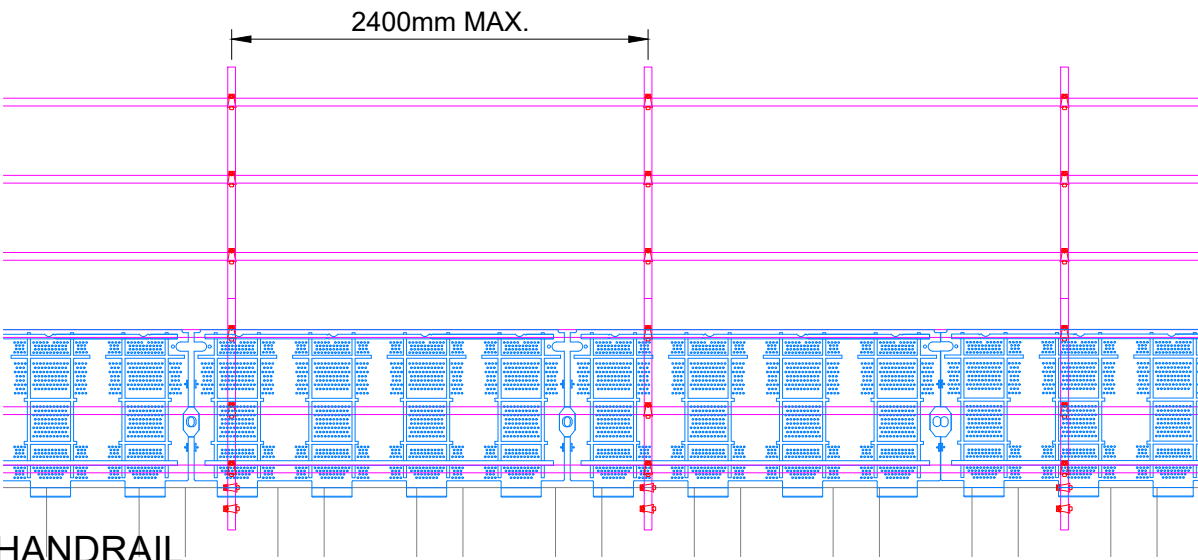
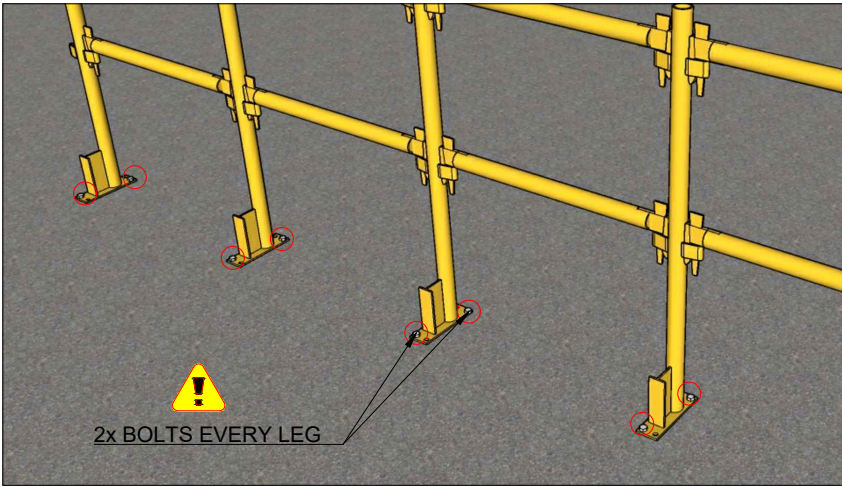
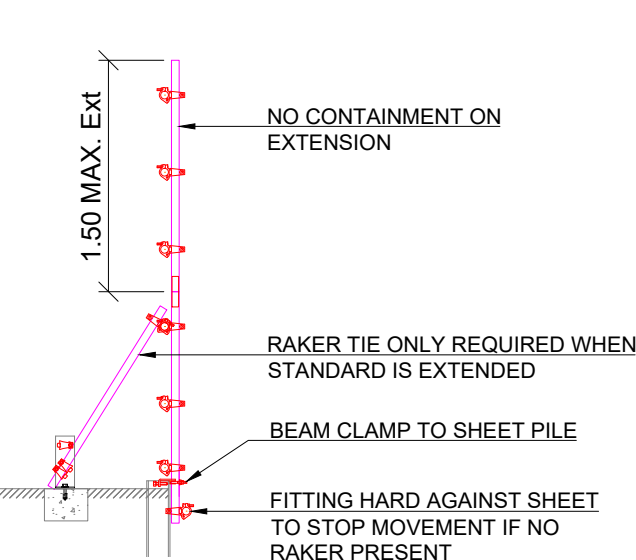


NOTES:

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



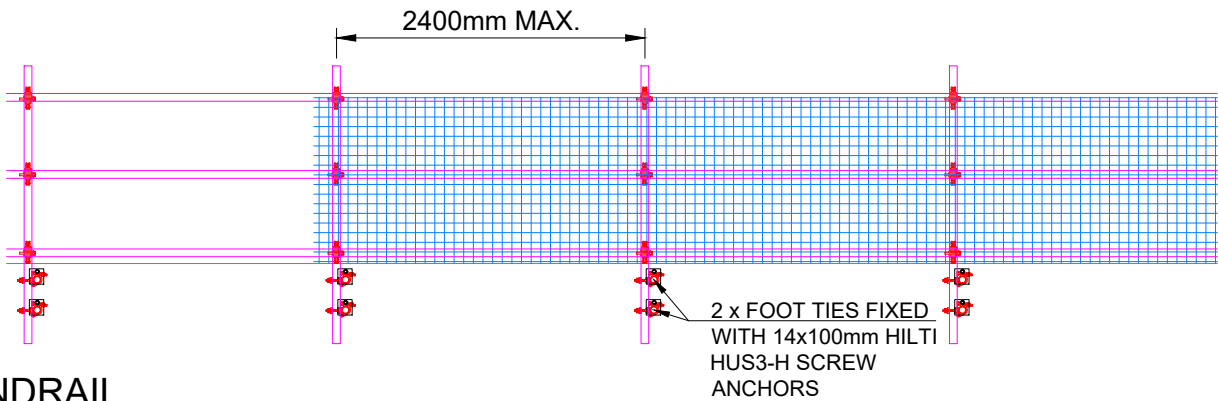
- SHEET PILE HANDRAIL
- SCALE 1:200 @ A3



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

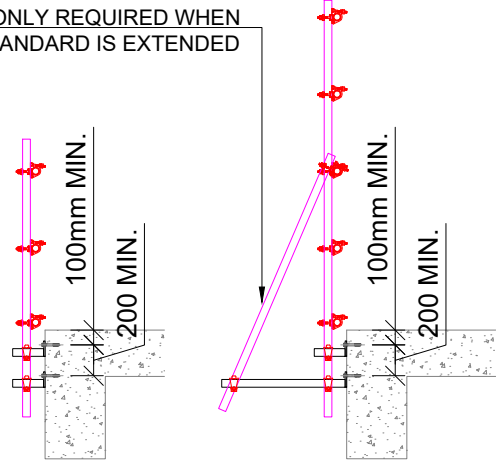
NOTES:

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

RAKER TIE ONLY REQUIRED WHEN STANDARD IS EXTENDED

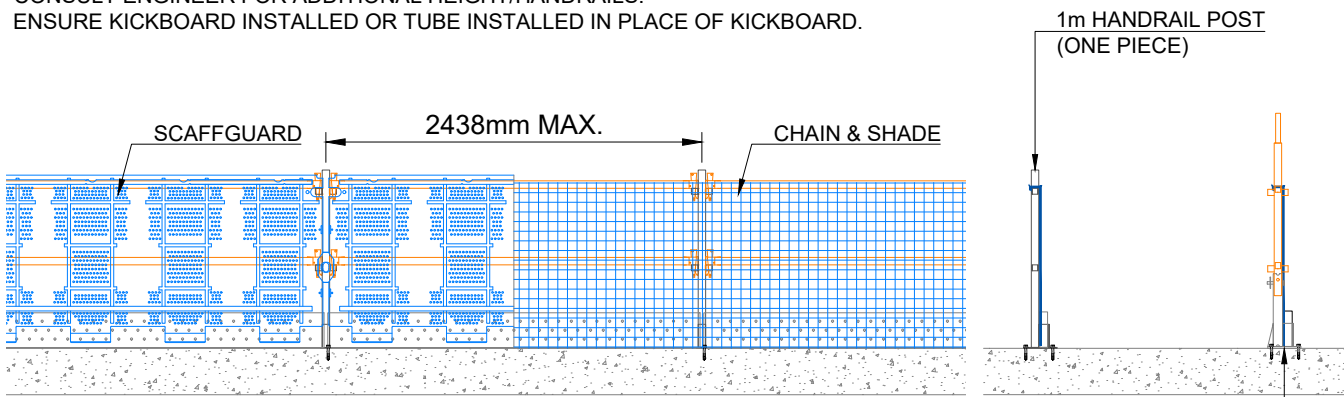


GENERAL HANDRAIL REQUIREMENTS

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.

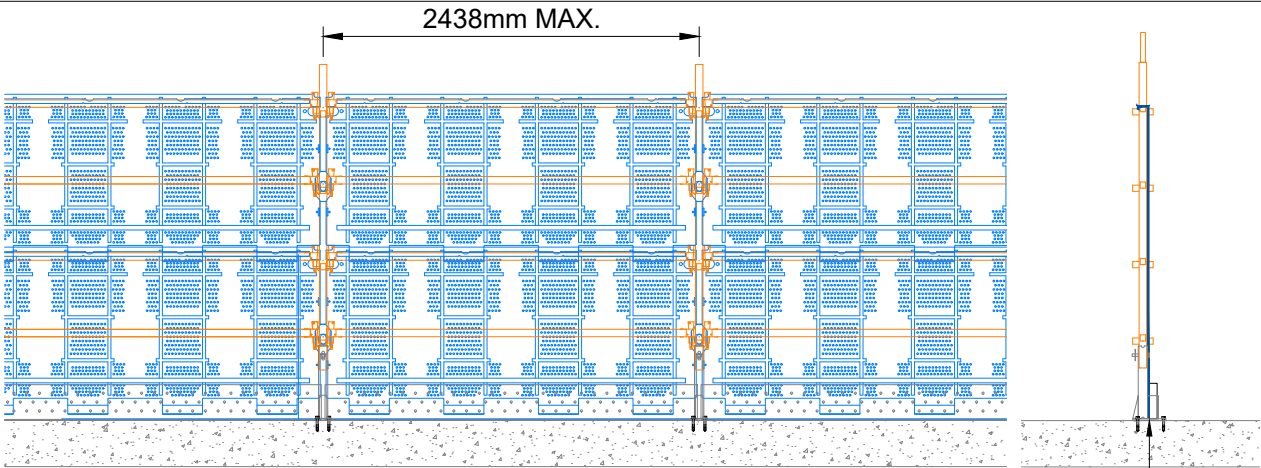
NOTES:

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

STANDARD INSERTED INTO SOCKET BASE



- 2m KWIKSTAGE
- SCALE 1:200 @ A3

STANDARD INSERTED INTO SOCKET BASE

AMC Engineering Consultants Pty. Ltd.

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ACN: 605 969 926
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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



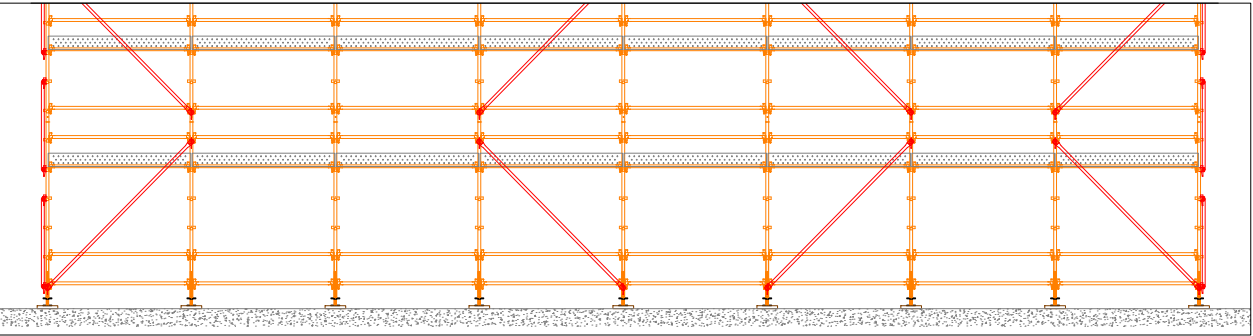
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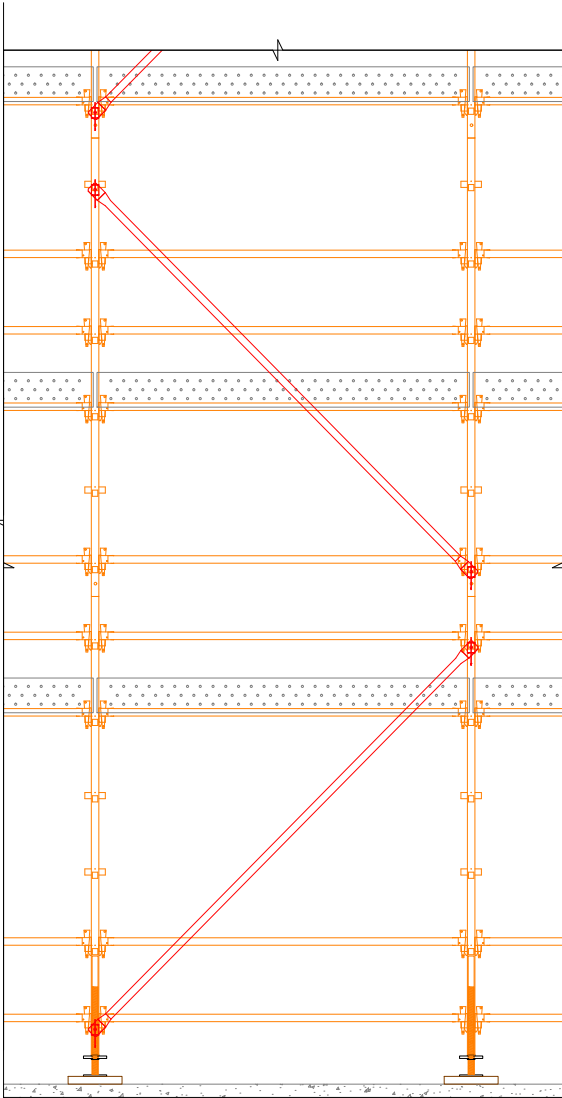
FOR CONSTRUCTION

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Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawing No:	COG-TYP-01
	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cocentcaffolding.com.au

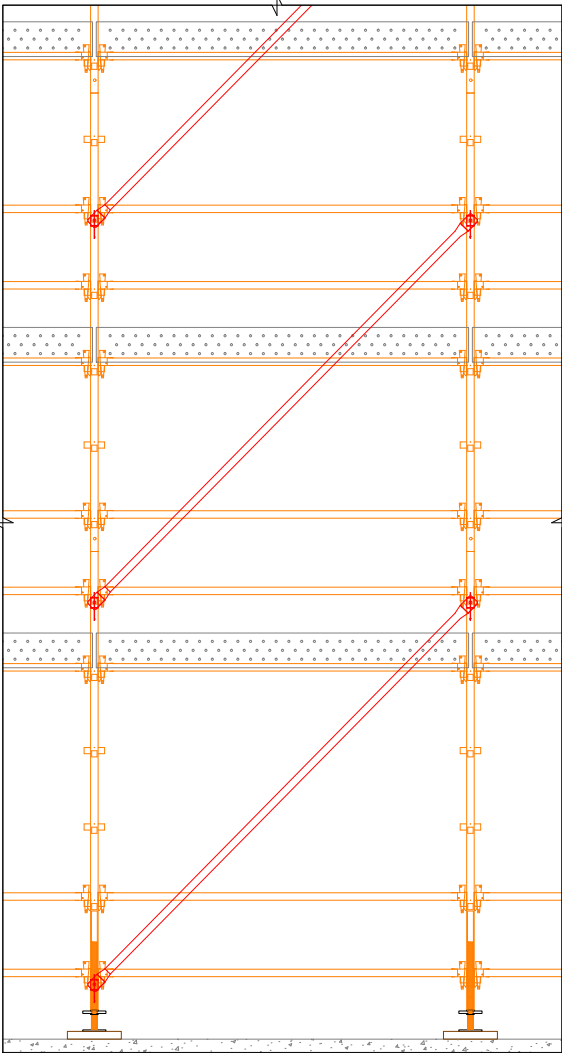
FACE BRACING



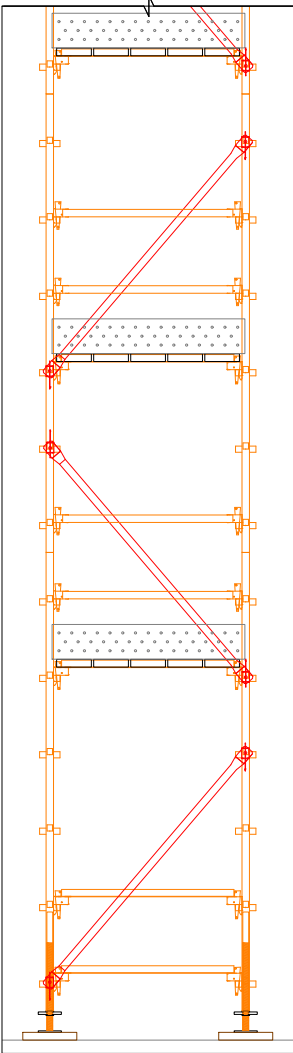
NOT TO SCALE - TYPICAL FACE BRACING FREQUENCY FRONT ELEVATION



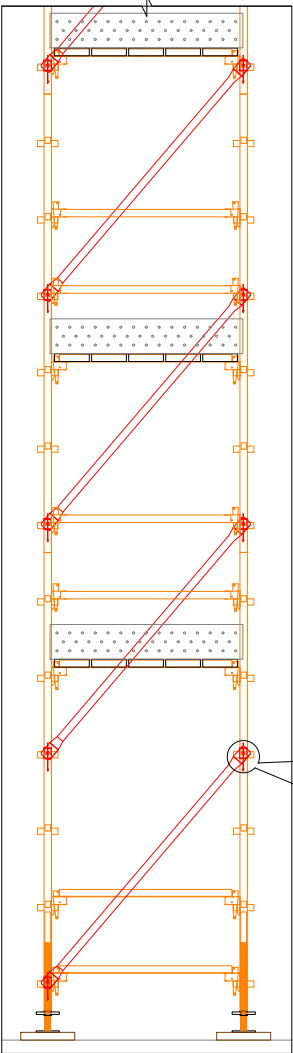
FRONT ELEVATION
ZIG ZAG FACE BRACE
SCALE 1:50 @ A3



FRONT ELEVATION
PARELLEL FACE BRACE
SCALE 1:50 @ A3



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



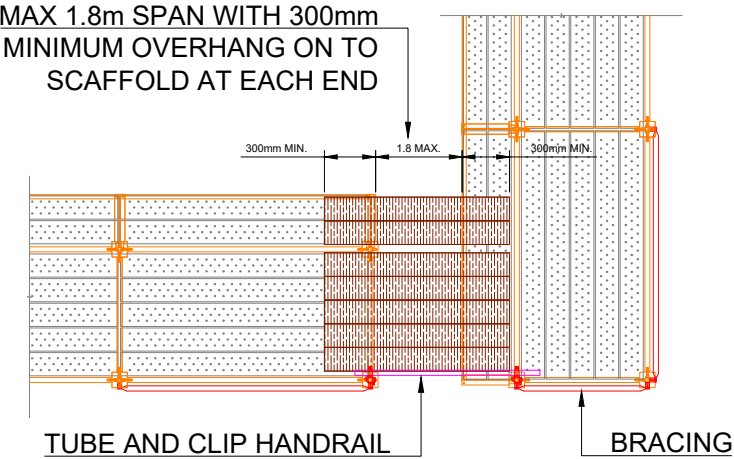
END ELEVATION
PARALLEL HEEL & TOE
SCALE 1:50 @ A3

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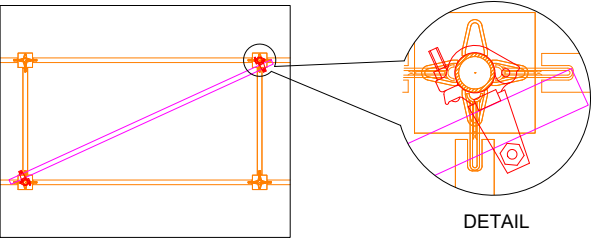
HEEL & TOE BRACING

LAPPING RETURNS

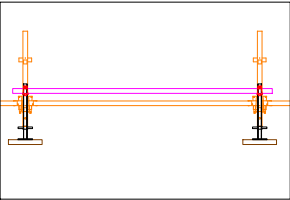


PLAN VIEW
LAPPED RETURN
SCALE 1:75 @ A3

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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A					
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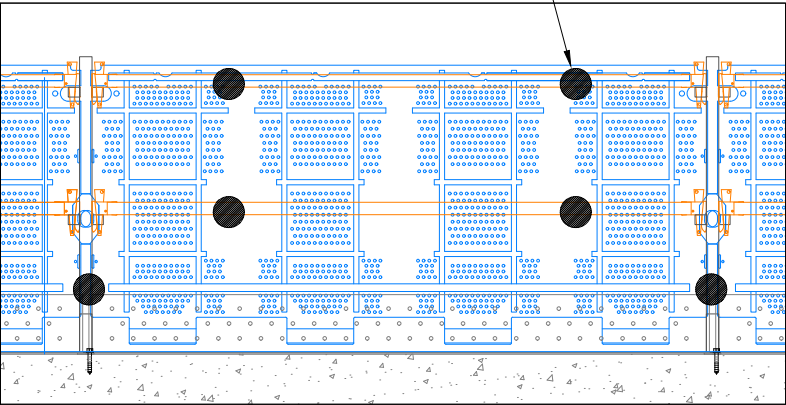
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Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawing No:	COG-TYP-02
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cocentcaffolding.com.au	

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

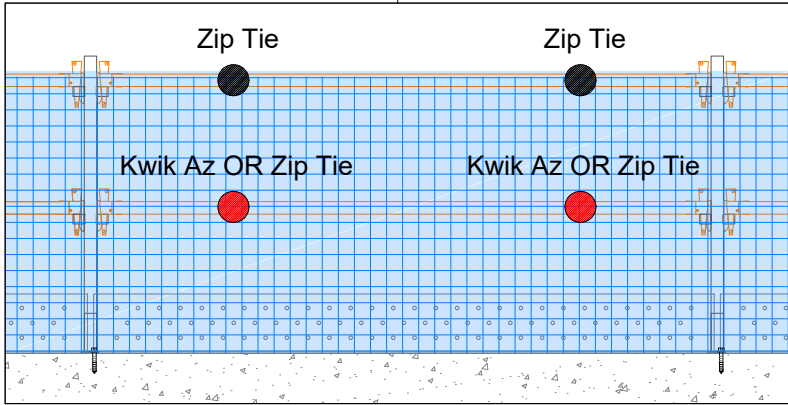
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M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

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

DENOTES ZIP TIE LOCATION



PLASTIC PANEL ELEVATION
SCALE 1:30 @ A3



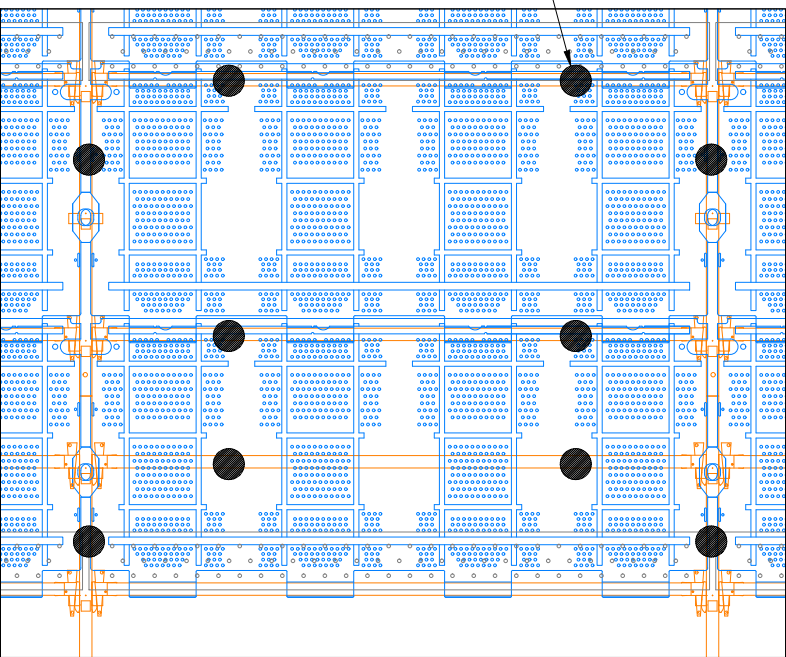
1m UNIMESH ELEVATION
SCALE 1:30 @ A3

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

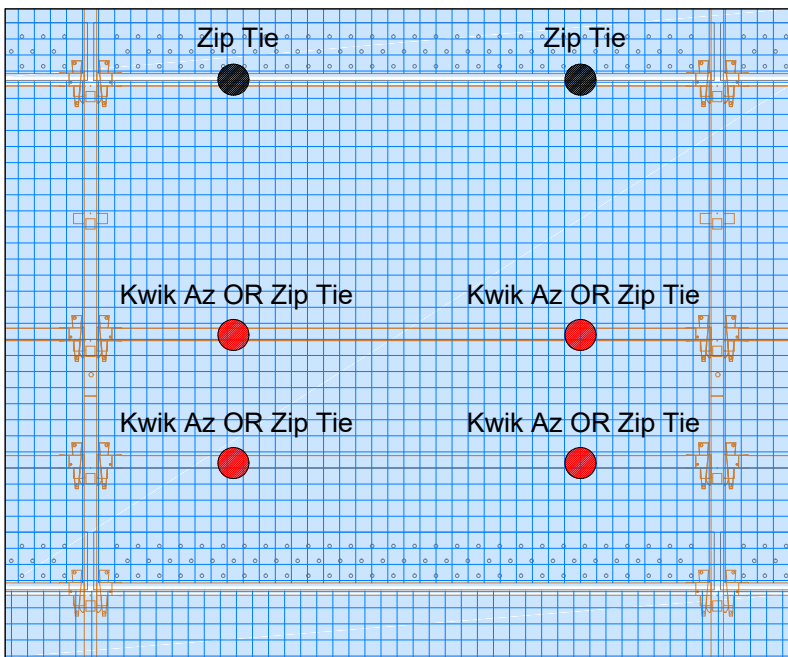


CONTAINMENT MUST NOT EXCEED
2.3m IN HEIGHT PAST THE LAST TIE

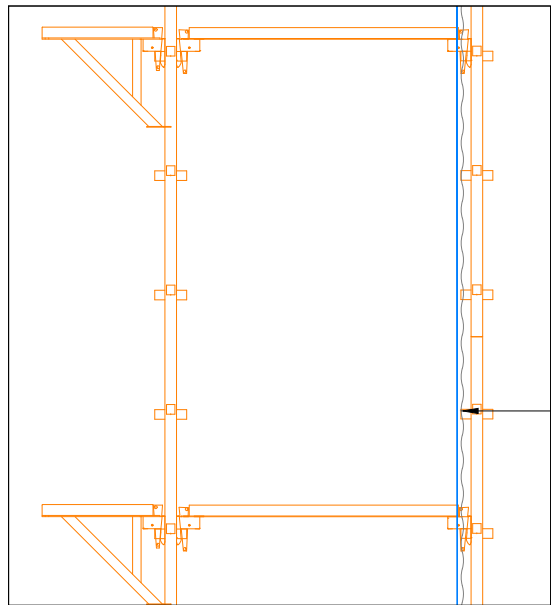
DENOTES ZIP TIE LOCATION



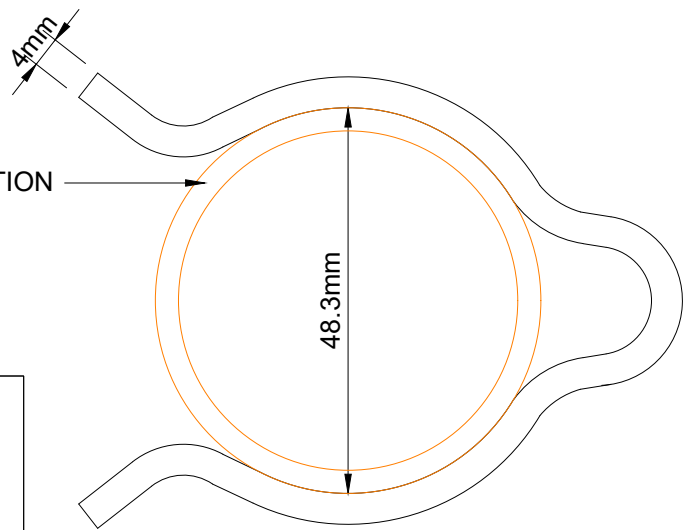
DOUBLE PLASTIC PANEL ELEVATION
SCALE 1:30 @ A3



2m UNIMESH ELEVATION
SCALE 1:30 @ A3



TYPICAL SECTION
Not To Scale

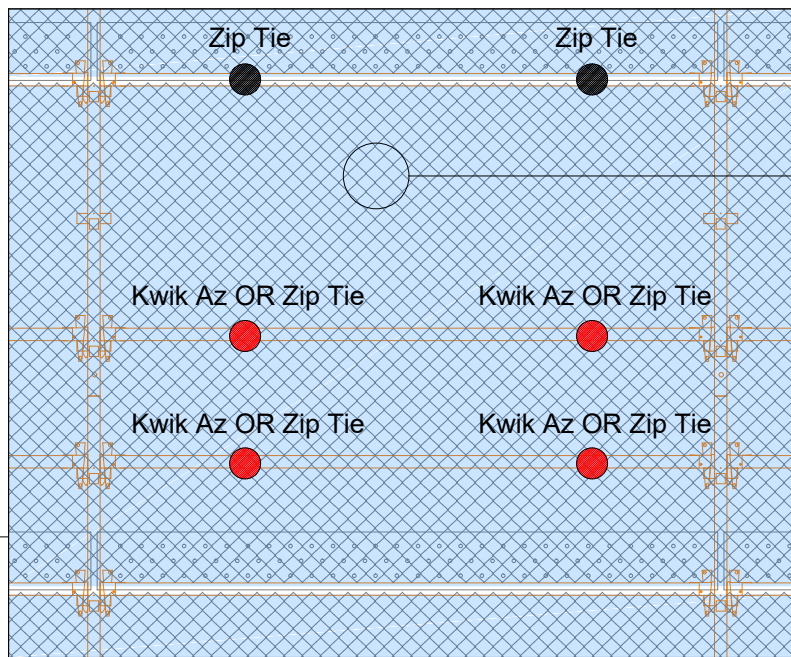


KWIK AZ CLIP
Actual Size @ A3

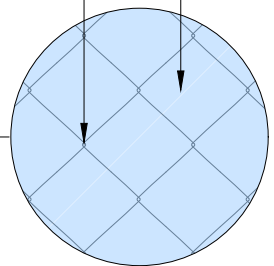
CONTAINMENT CAN BE INSTALLED
INTERNALLY OR EXTERNALLY
REFER TO JOB SPECIFICATION

SHADING DENOTES MESH

CHAINWIRE



CHAIN & SHADE ELEVATION
SCALE 1:30 @ A3



Chain & Shade Detail

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

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



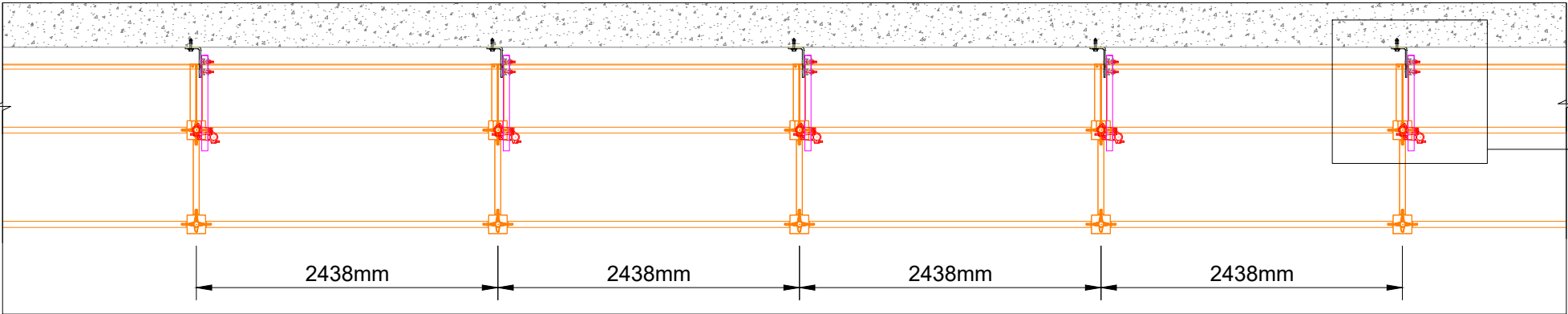
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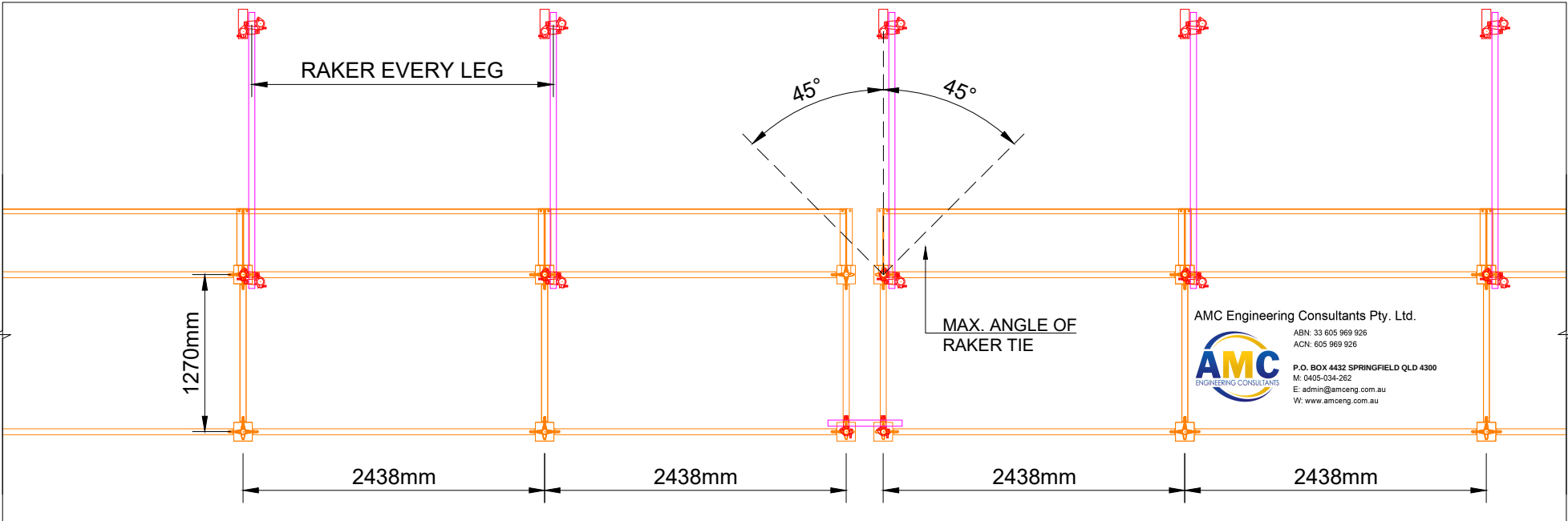
FOR CONSTRUCTION

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Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawing-No:	COG-TYP-03

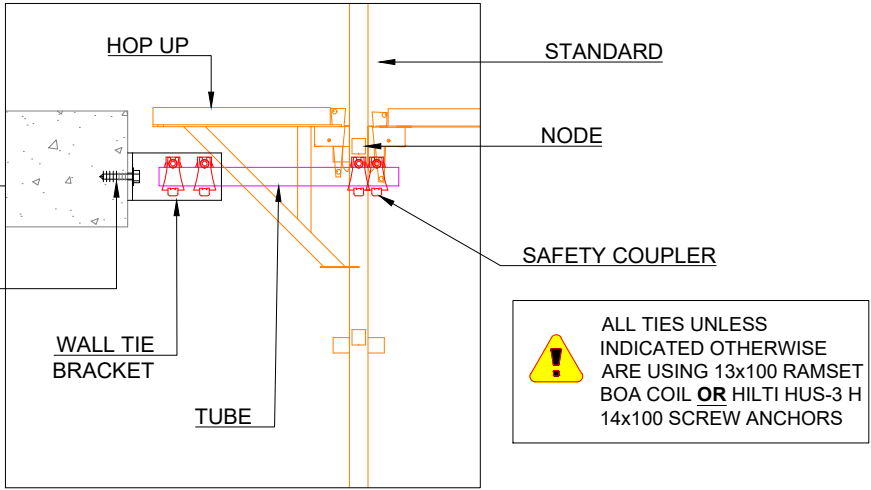
COGENT SCAFFOLDING
Unit 6, 368 Earnshaw Road
Banyo Qld 4014
Phone T 1300 550 148
info@cocentcaffolding.com.au



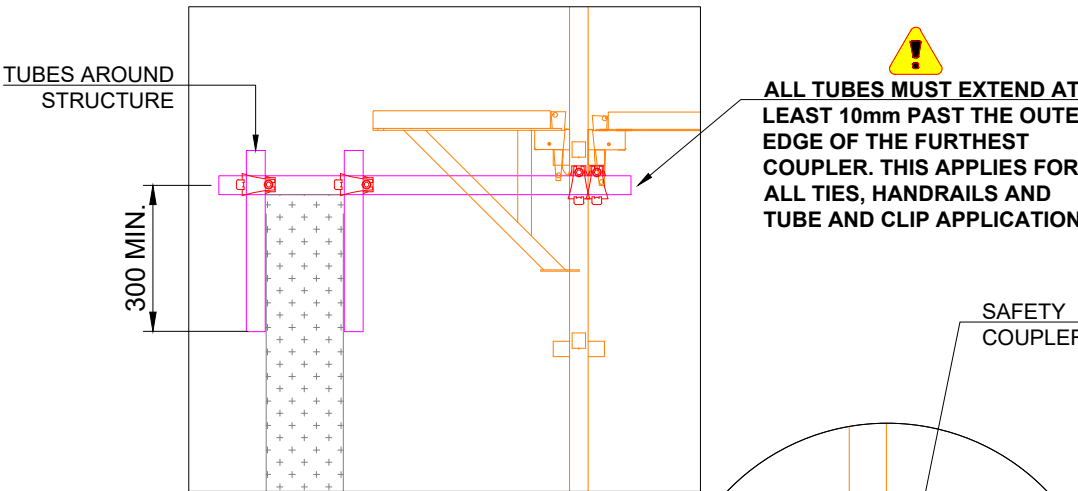
TYPICAL SINGLE LEG TIE PLAN
SCALE 1:50 @ A3



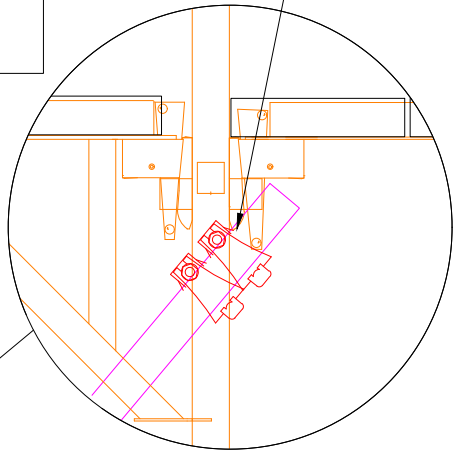
TYPICAL RAKER PLAN
SCALE 1:50 @ A3



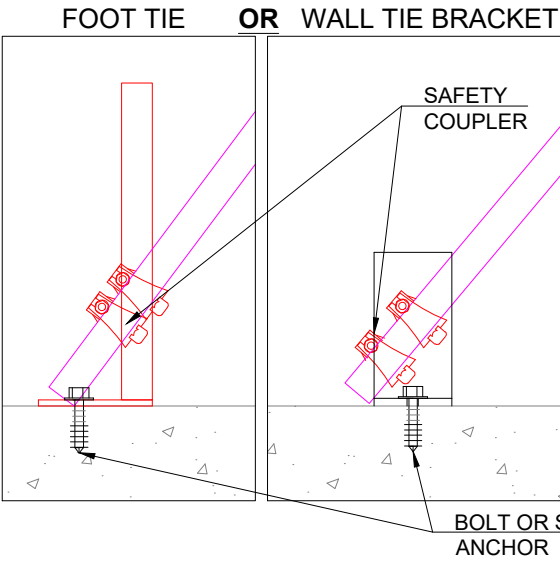
FACE TIE DETAIL



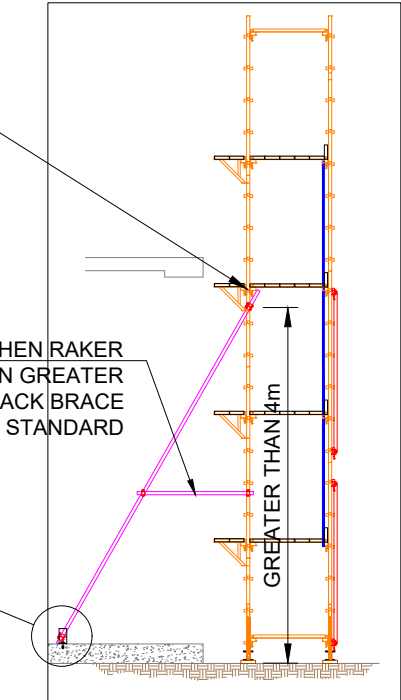
F-TIE DETAIL



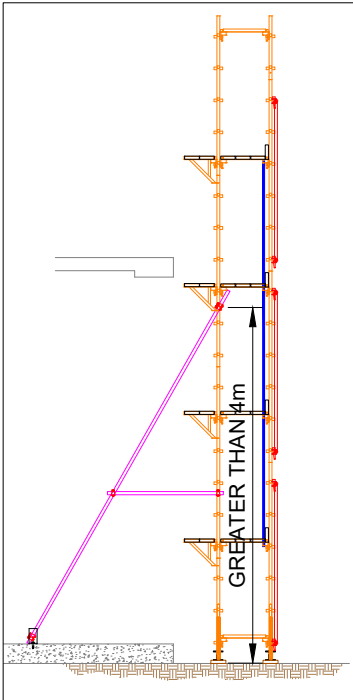
! TIE CONNECTION MUST BE WITHIN 300mm OF A NODE WITH A TRANSVERSE CONNECTION



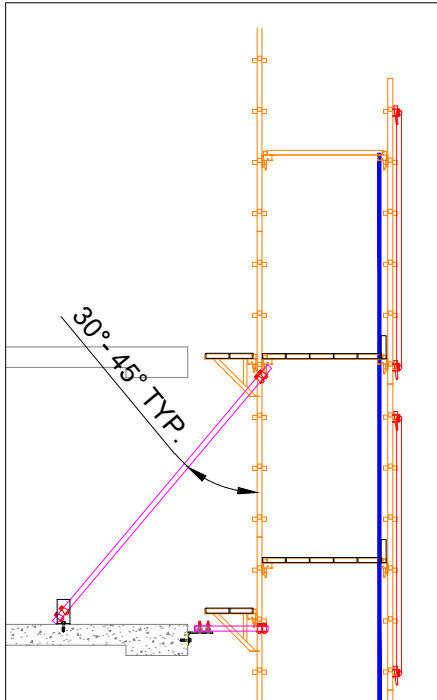
WHEN RAKER CONNECTION GREATER THAN 4m BACK BRACE TO STANDARD



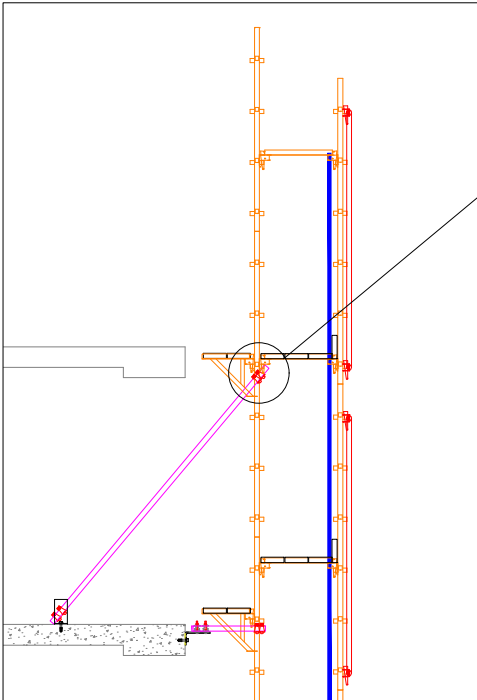
RAKER BASE - 5 BOARD



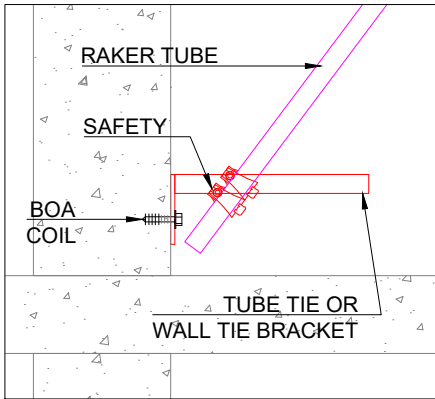
RAKER BASE - 3 BOARD



TOP UP - 5 BOARD



TOP UP - 3 BOARD



RAKER FACE FIX

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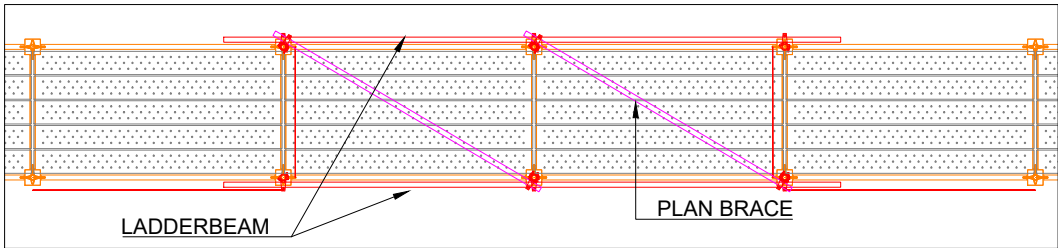
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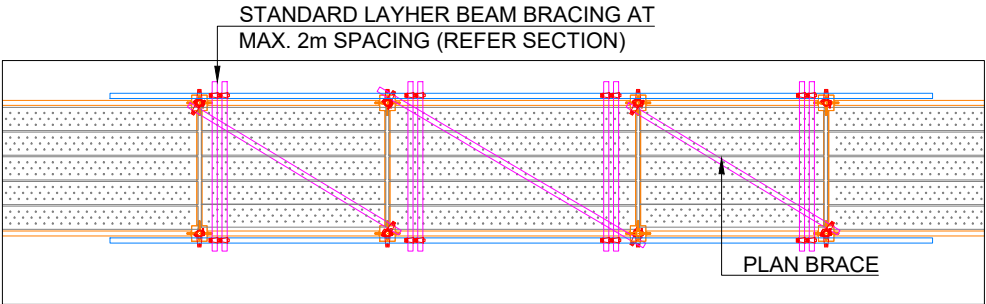
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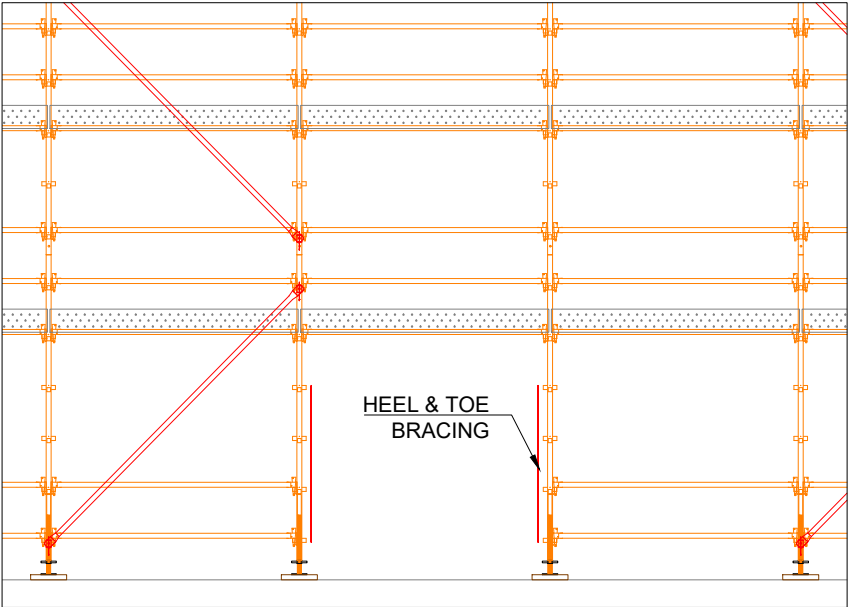
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Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawing No:	COG-TYP-04
	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@kogentscaffolding.com.au



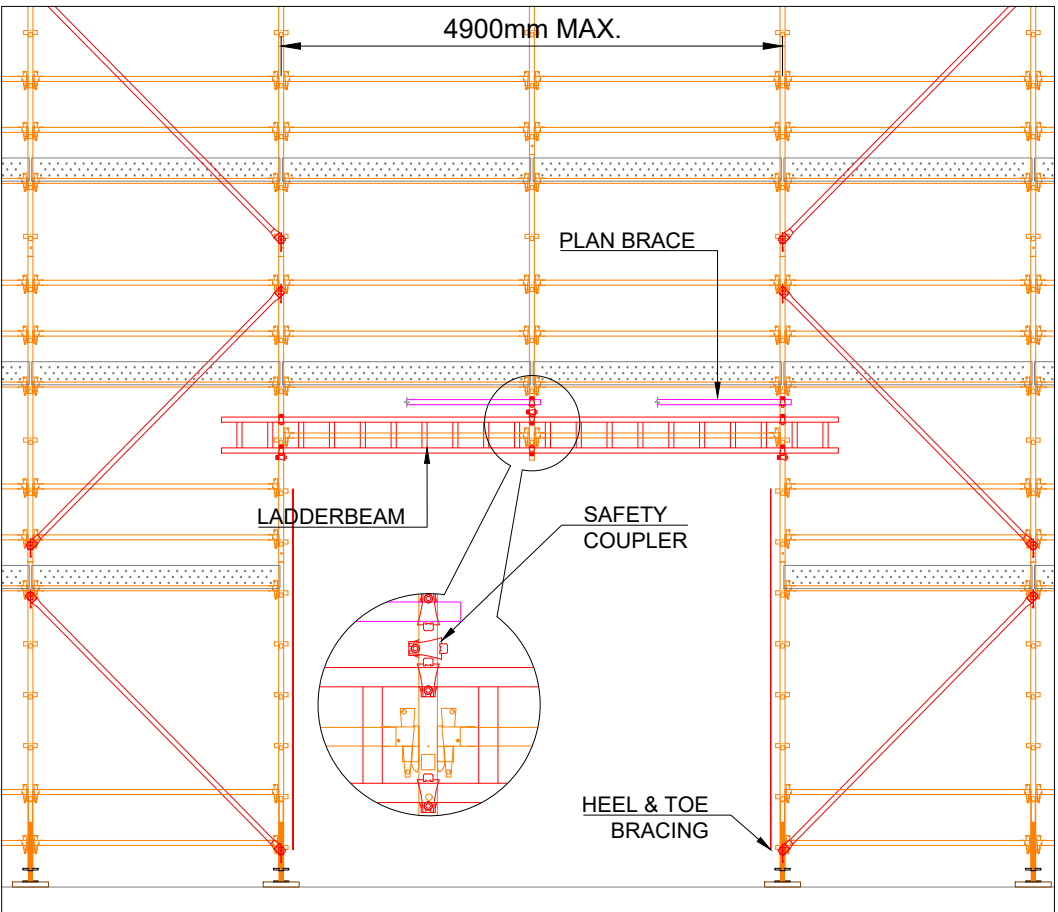
LADDERBEAM OPENING PLAN
SCALE 1:75 @ A3



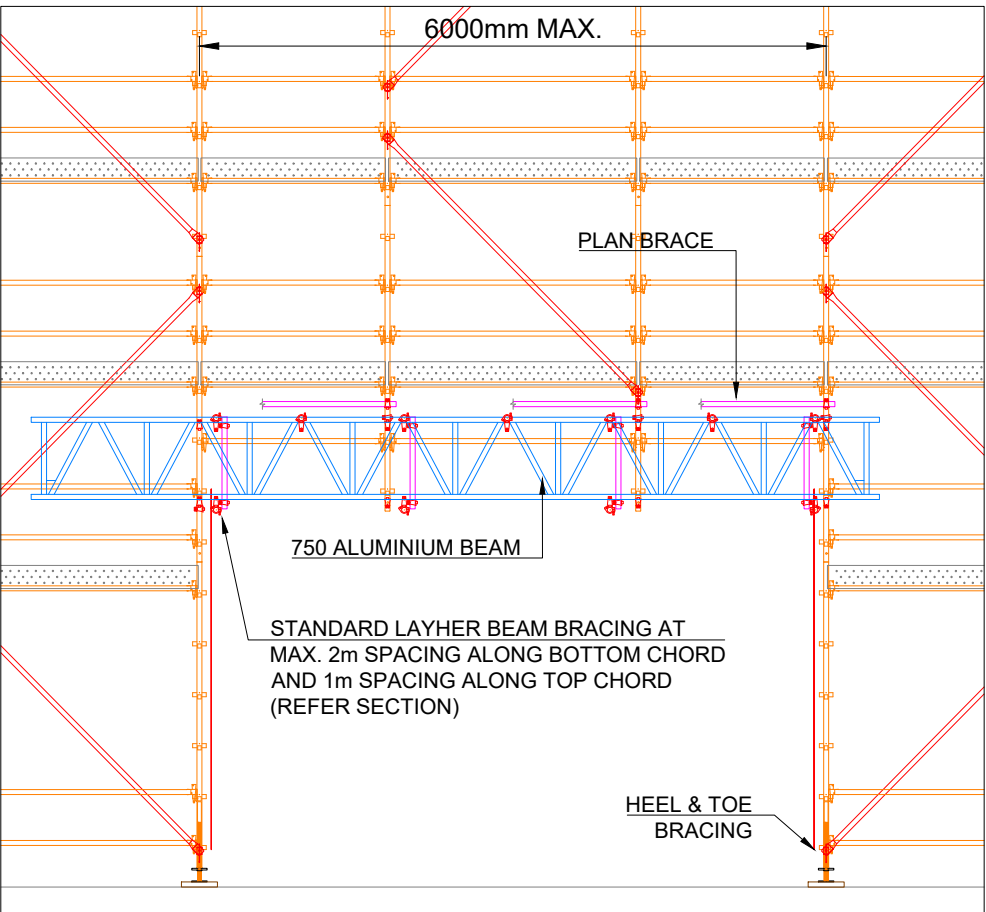
ALUMINIUM BEAM OPENING PLAN
SCALE 1:75 @ A3



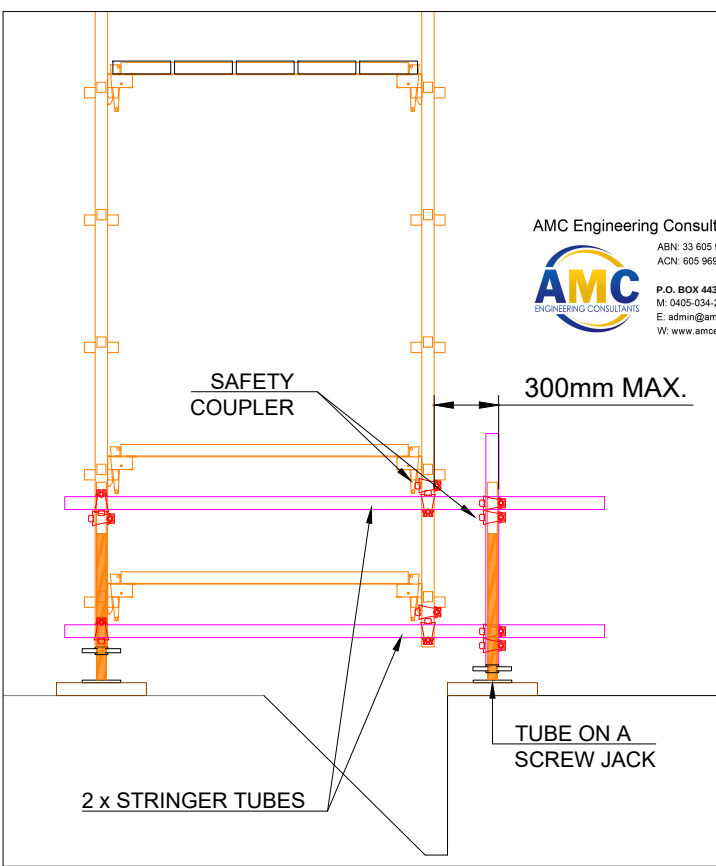
ACCESS OPENING
SCALE 1:75 @ A3



LADDERBEAM OPENING FRONT ELEVATION
SCALE 1:75 @ A3



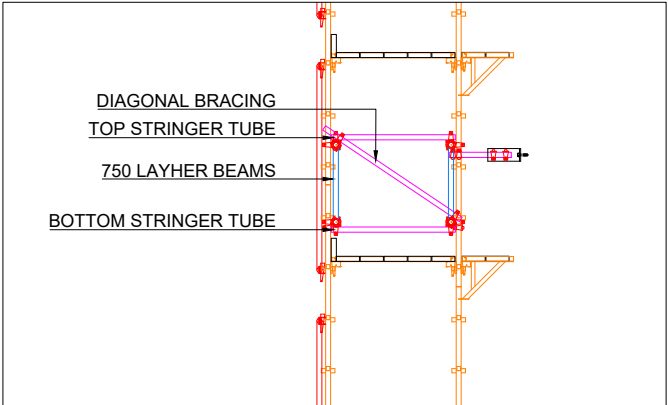
ALUMINIUM BEAM OPENING FRONT ELEVATION
SCALE 1:75 @ A3



DUMMY LEG
SCALE 1:30 @ A3

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W: www.amceng.com.au

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.



ALUMINIUM BEAM OPENING SECTION
SCALE 1:75 @ A3

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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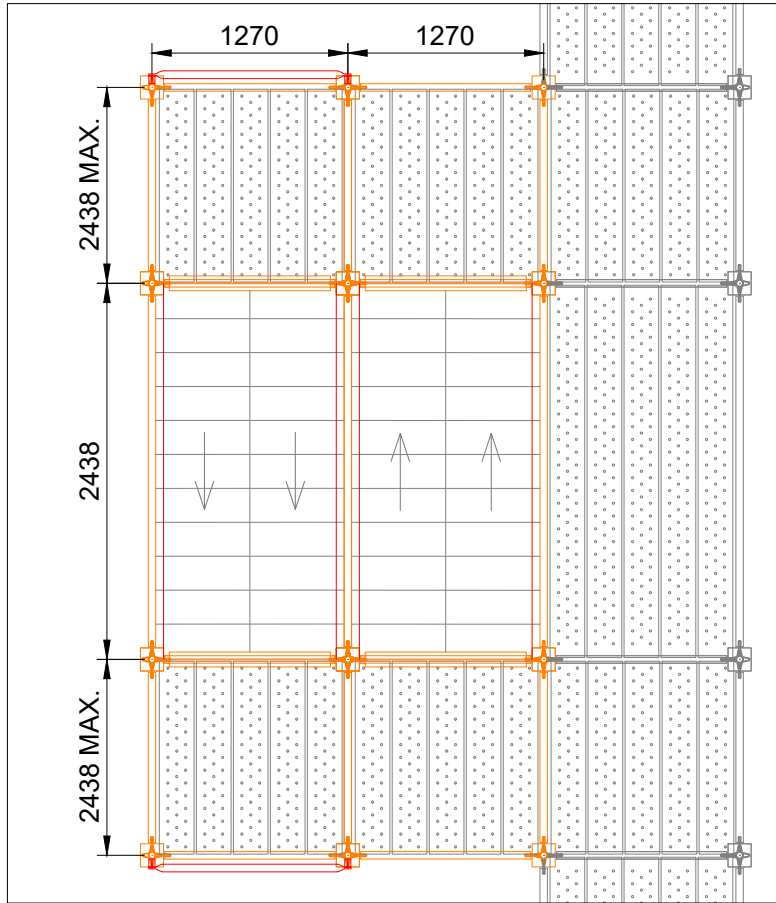
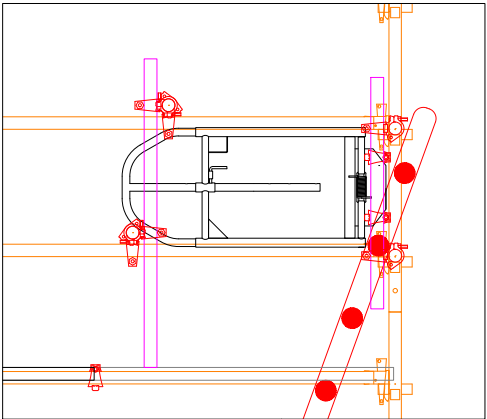
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Signature: _____ Date: 17/08/2020
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SAQ SCAFFOLDING ASSOCIATION QUEENSLAND
QUALITY SAFETY
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254
JAS-ANZ
www.jas-anz.com.au/register

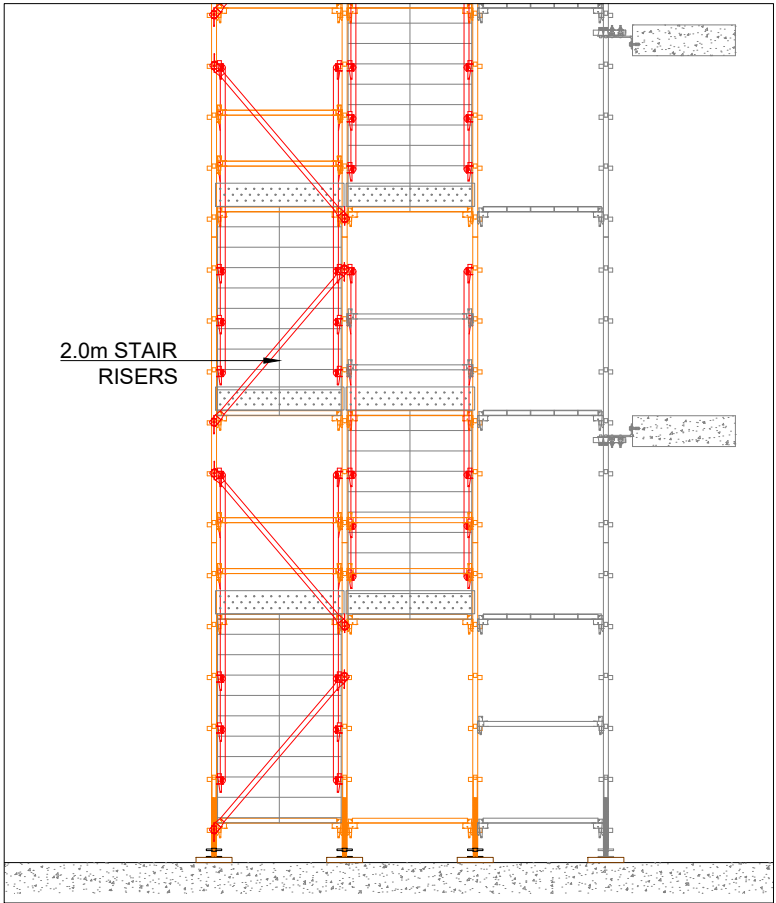
COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION	
Details:	COGENT TYPICAL DESIGNS ALL PROJECTS OPENINGS, LADDERBEAMS AND DUMMY LEGS COGENT SCAFFOLDING
Drawn:	RT
Date:	20/09/2019
Comments:	-
Drawing No:	COG-TYP-05
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@coagentscaffolding.com.au	

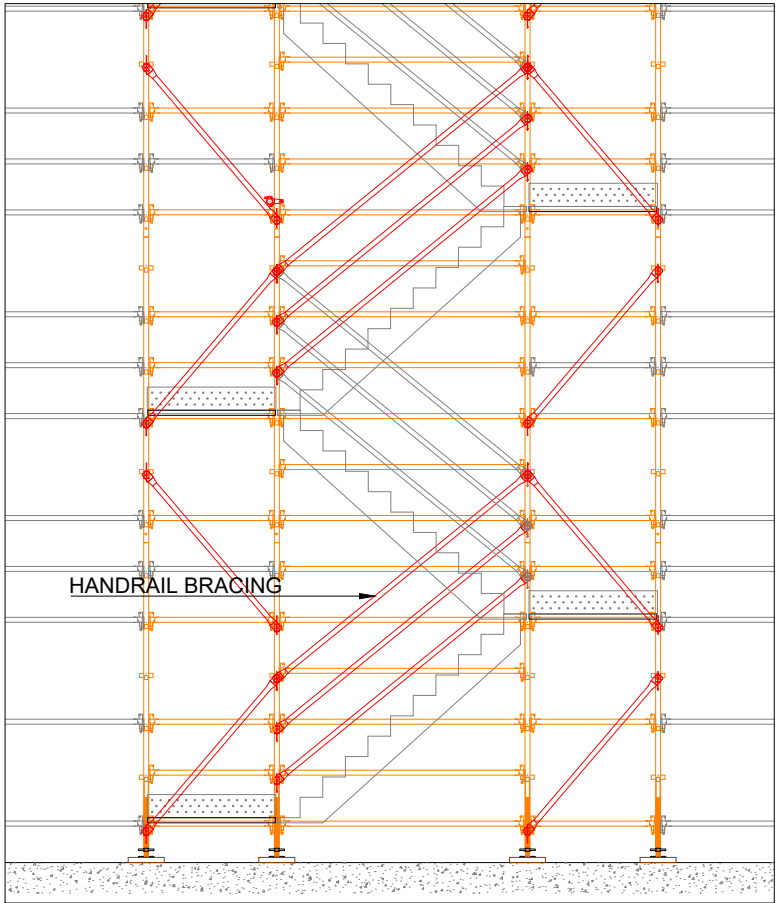
ACCESS GATE DETAIL



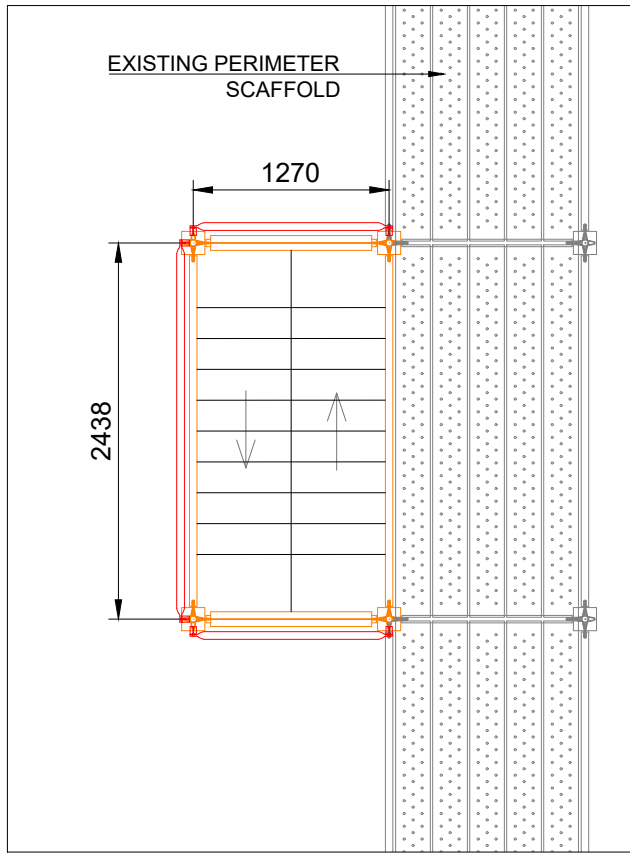
STRETCHER PLAN
STAIR HEIGHT UP TO 26.5m



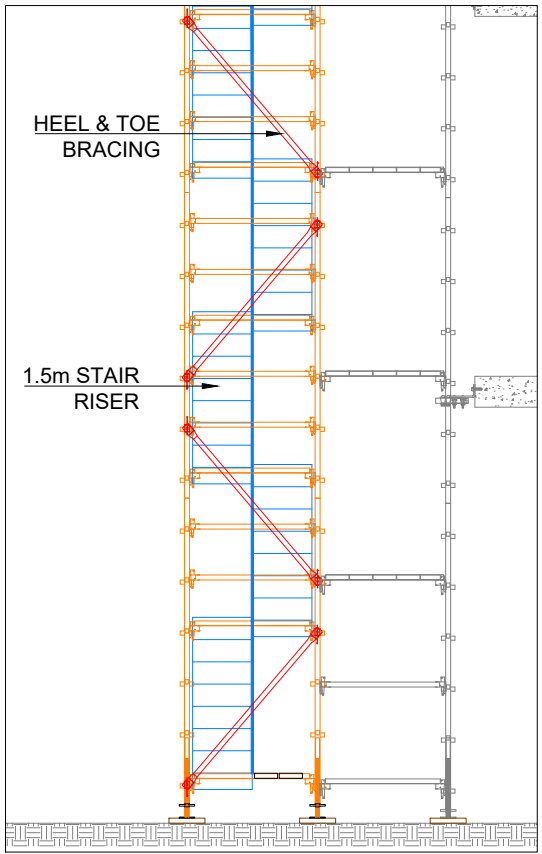
STRETCHER SIDE



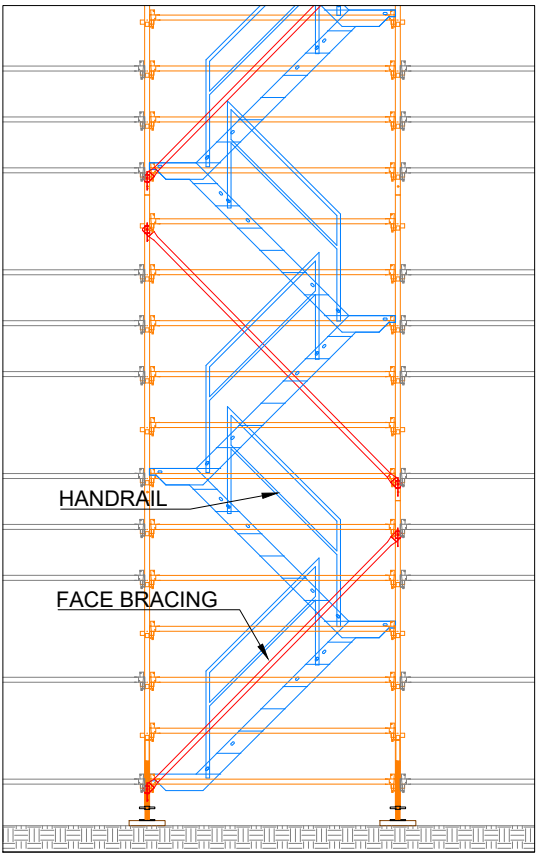
STRETCHER FRONT



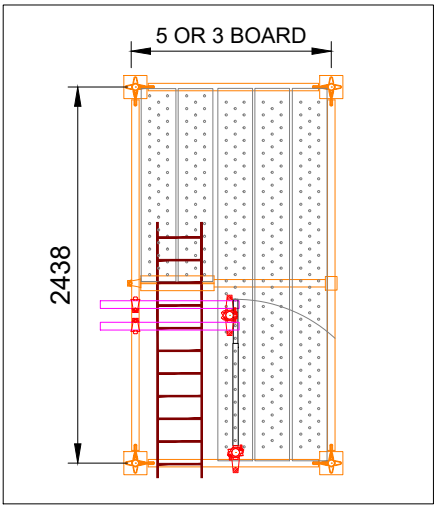
CONSTRUCTION STAIR PLAN
STAIR HEIGHT UP TO 35m



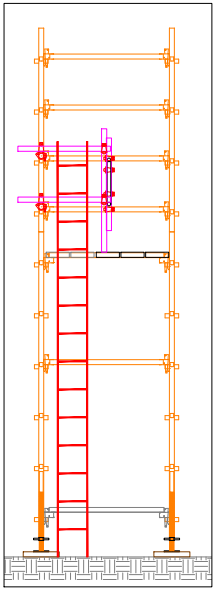
CONSTRUCTION STAIR SIDE



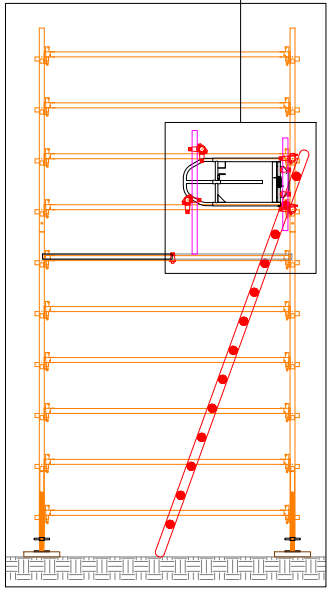
CONSTRUCTION STAIR FRONT



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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Drawing Notes

- Cogent Scaffolding Copyright
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- 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.
- 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.

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



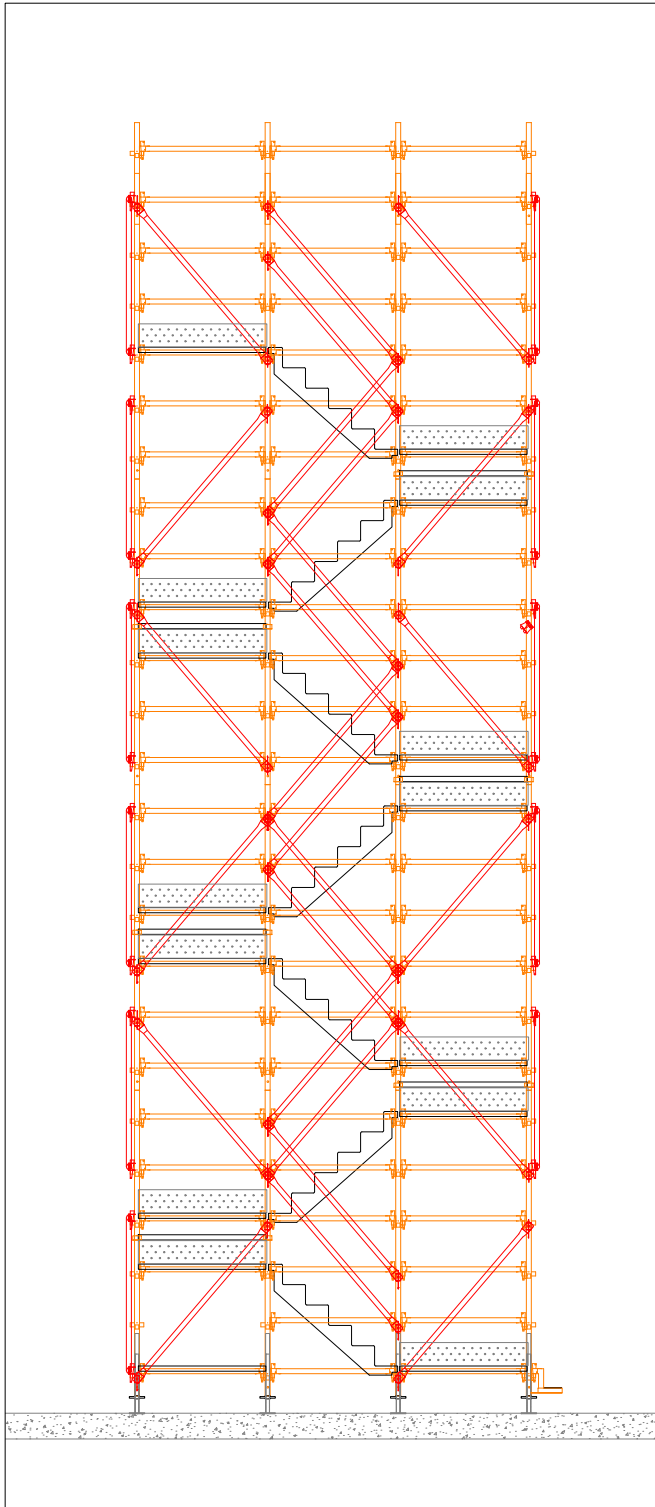
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



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@cocentcaffolding.com.au



1m STRETCHER FRONT

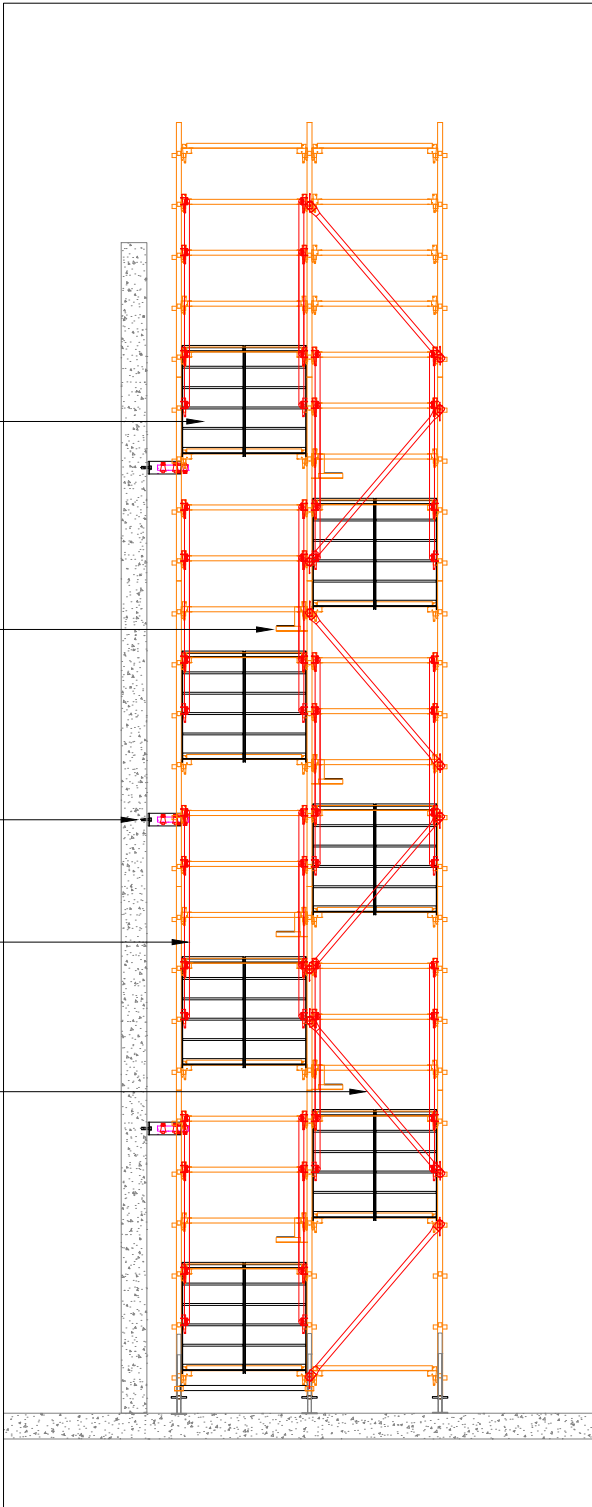
1m STRETCHER
STAIR PANS

STEP DOWN
BRACKETS
BETWEEN
LANDINGS

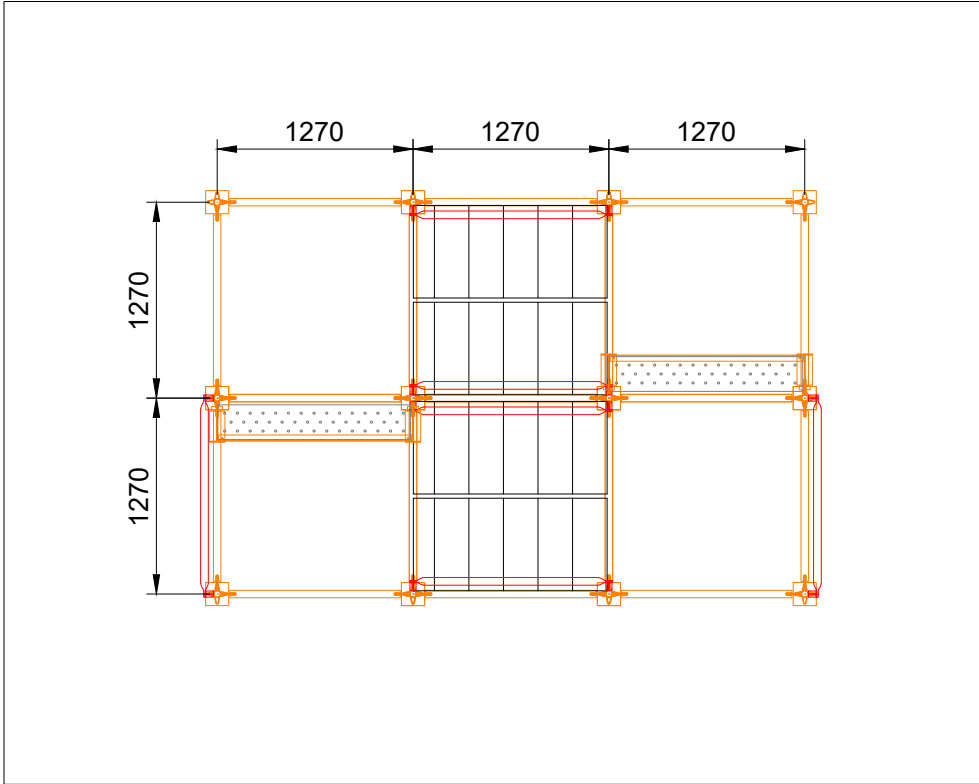
TIES TO
STRUCTURE

BRACES FOR
HANDRAILS

BRACING



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
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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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Drawing Notes

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- 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.
- 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.

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



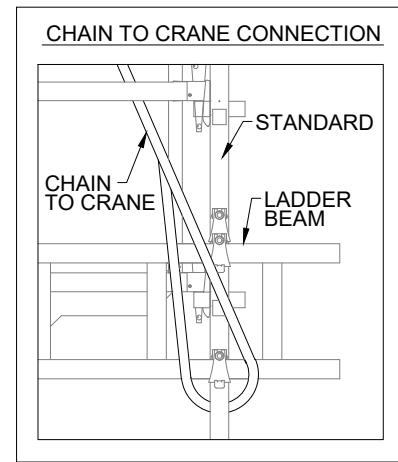
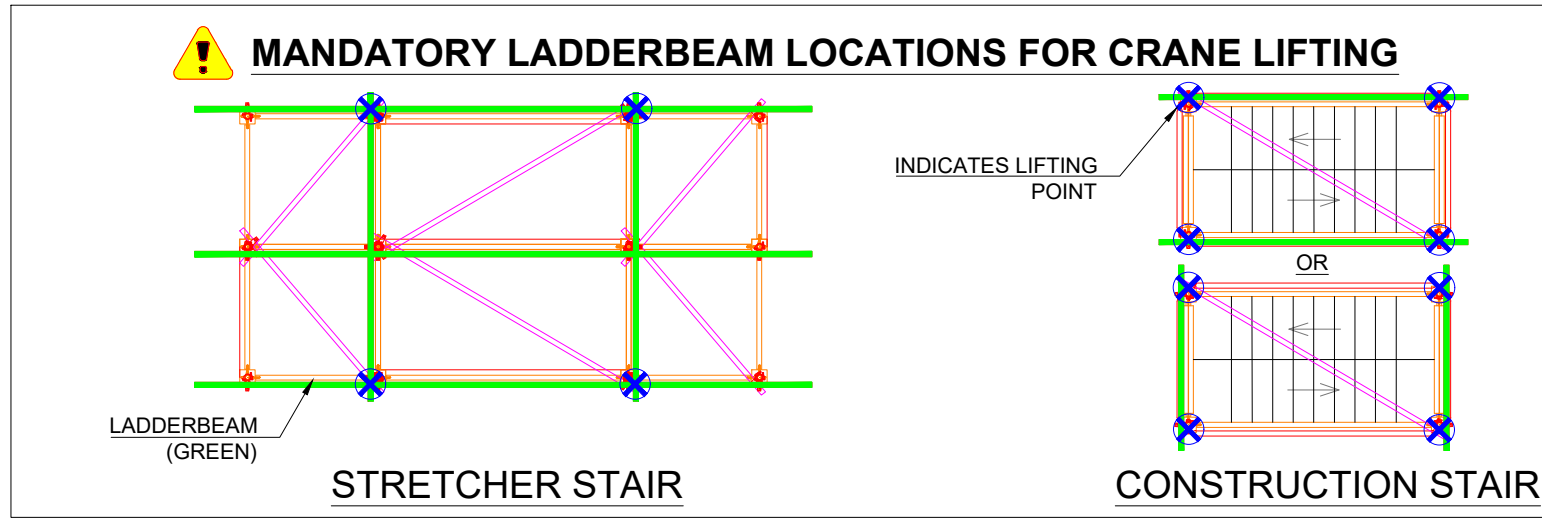
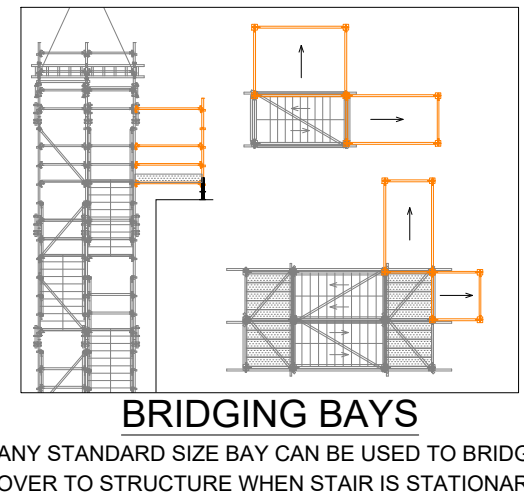
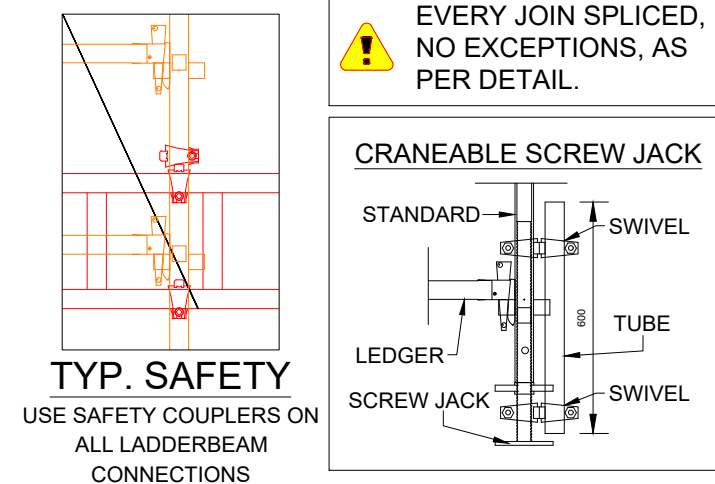
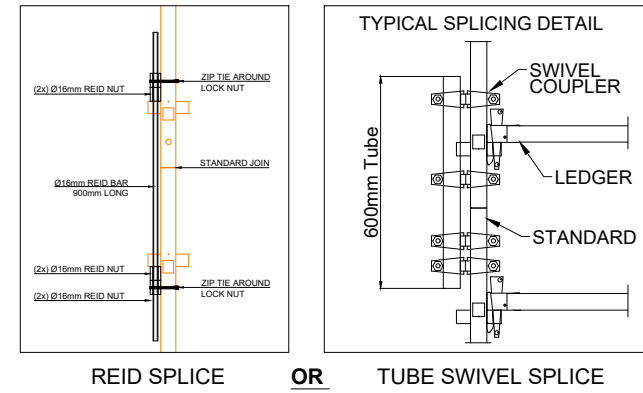
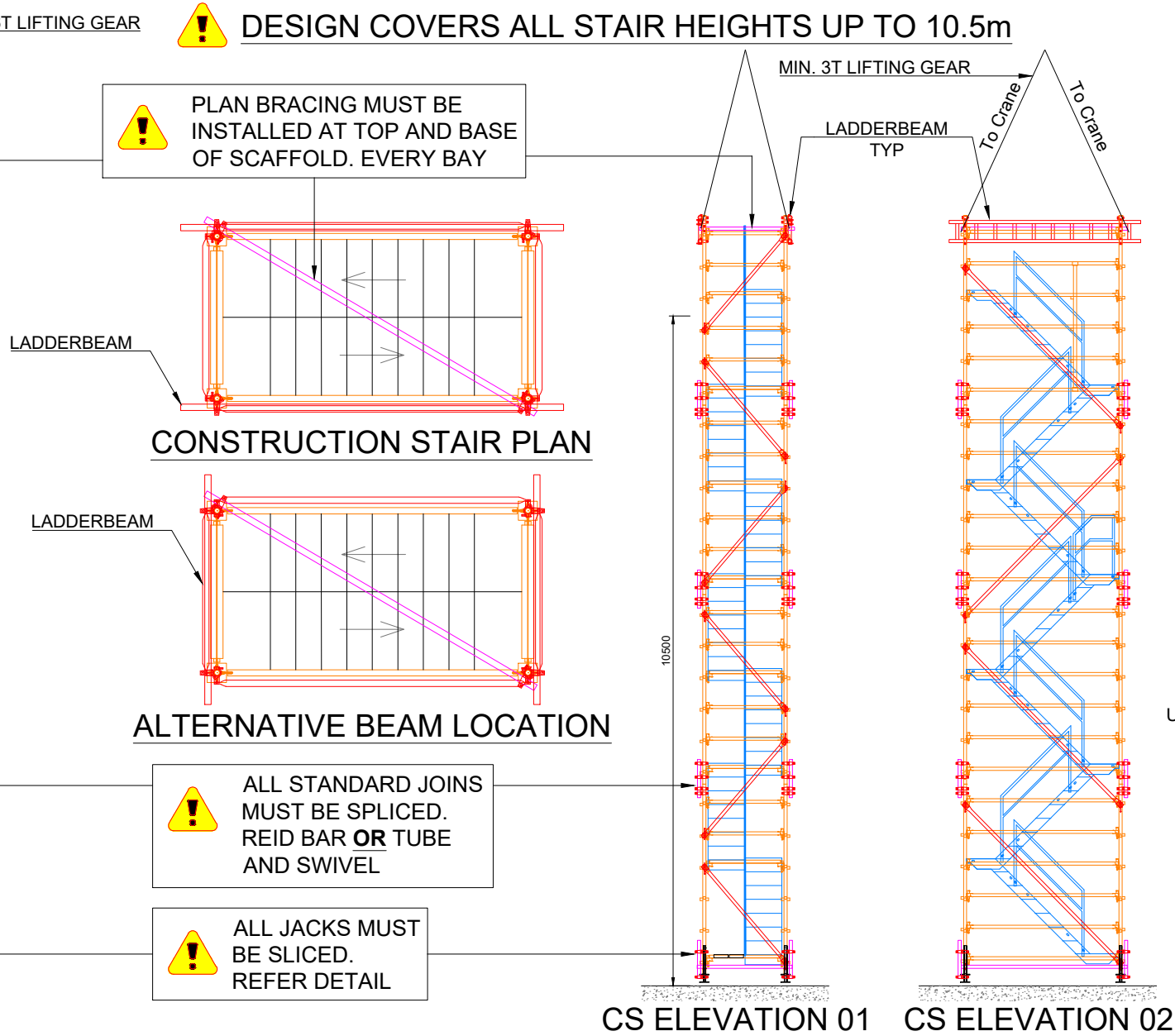
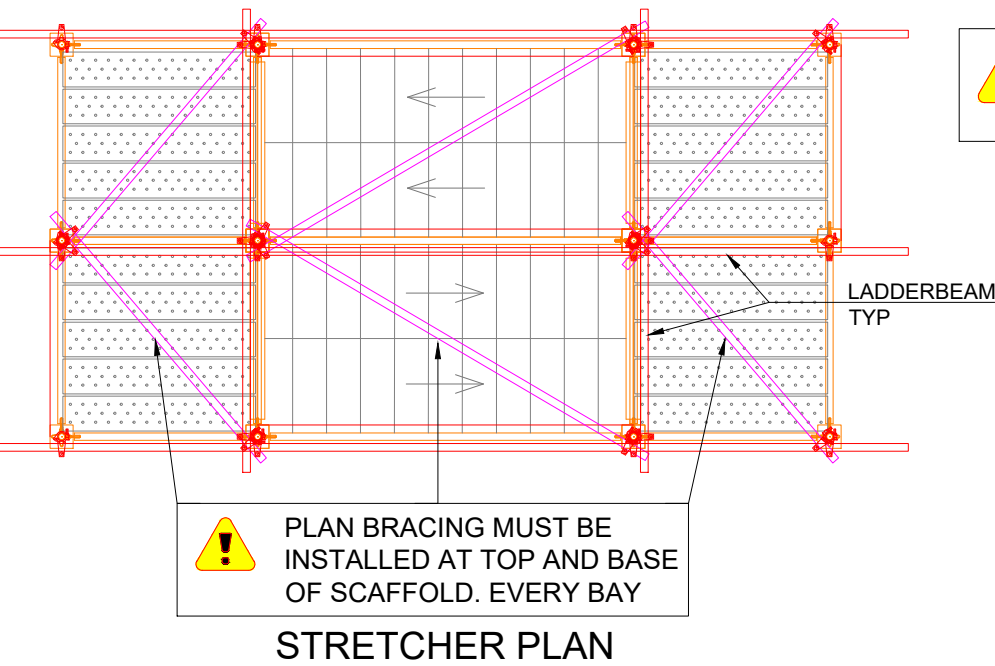
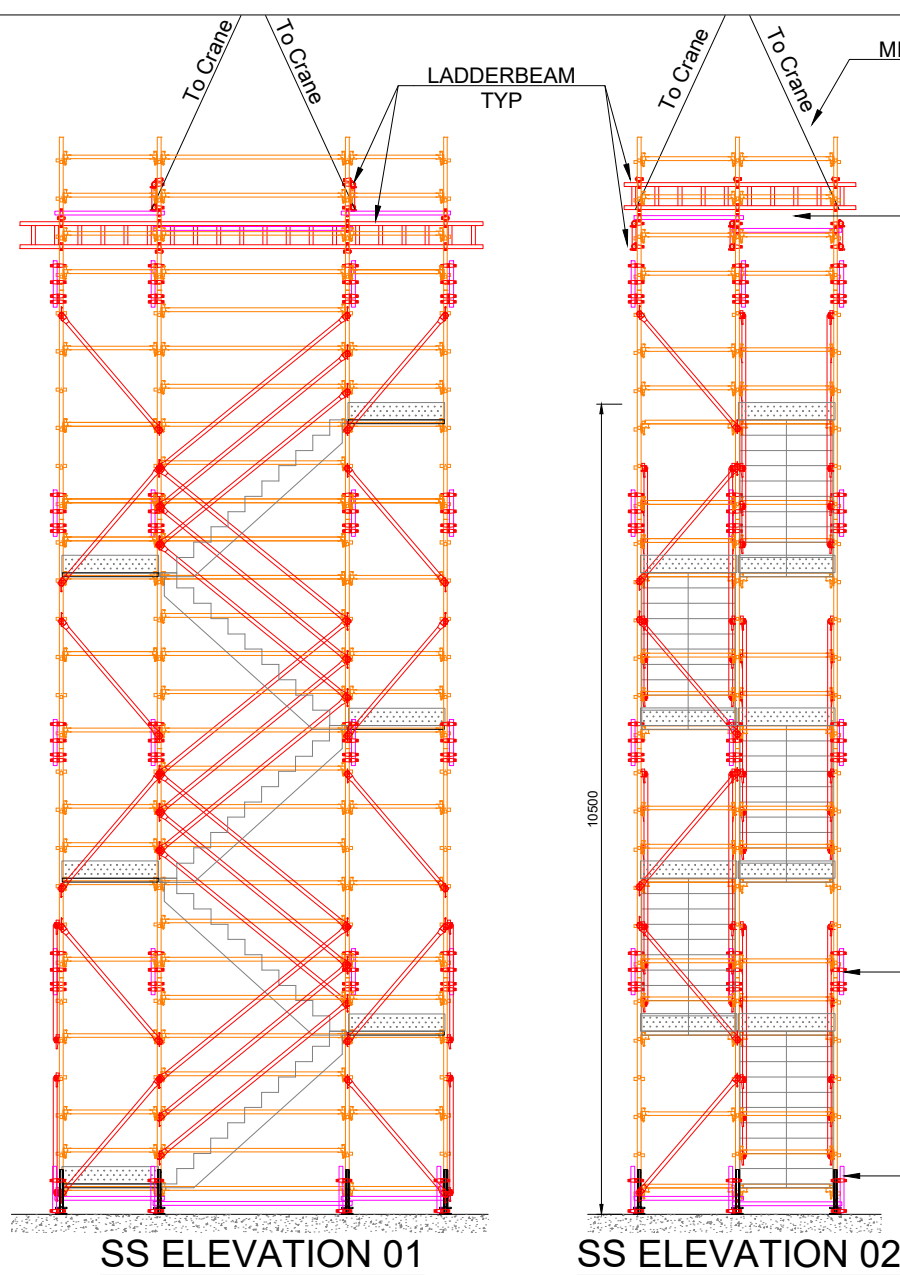
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

Details: COGENT TYPICAL DESIGNS
ALL PROJECTS
STAIRS PART 2
COGENT SCAFFOLDING

Drawn: RT
Date: 20/09/2019
Comments: -
Drawing No: COG-TYP-07
COGENT SCAFFOLDING
Unit 6, 368 Earnshaw Road
Banyo Qld 4014
Phone T 1300 550 149
info@cocentcaffolding.com.au



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

Drawing Notes

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

AMC Engineering Consultants Pty. Ltd.

AMC

APPROVED

Amel M. Cimacosa

Registered Professional Engineer of Professional Australia

Signature: _____ Date: _____

Registered on the Register in the area of practice of Structural

RPEQ # 12181

GLOBAL CERTIFICATION PTY LTD

SAQ

QUALITY SAFETY

JAS-ANZ

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
CRANEABLE ACCESS
COGENT SCAFFOLDING

Drawn: RT

Date: 20/09/2019

Comments: -

Drawing No: COG-TYP-08

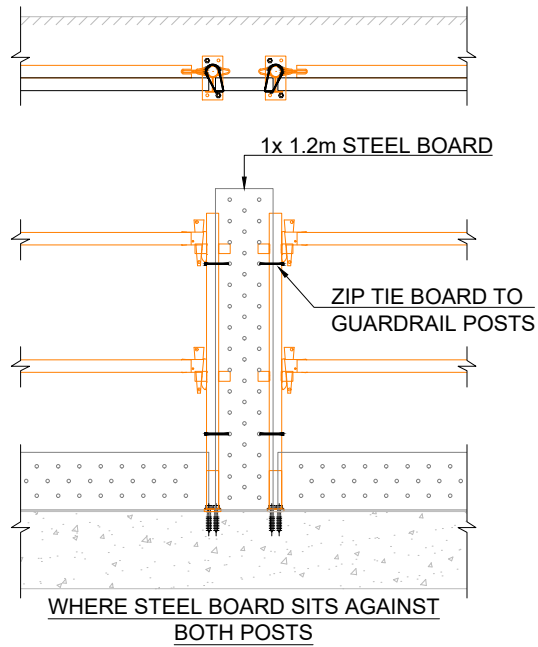
COGENT SCAFFOLDING

Unit 6, 368 Earnshaw Road

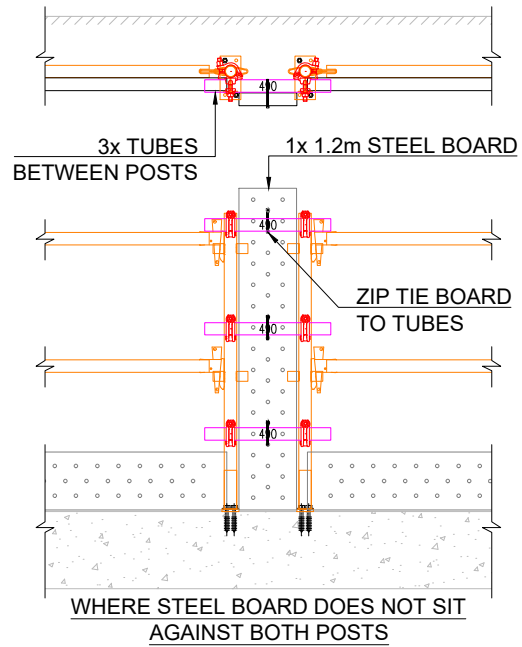
Banyo Qld 4014

Phone T 1300 550 149

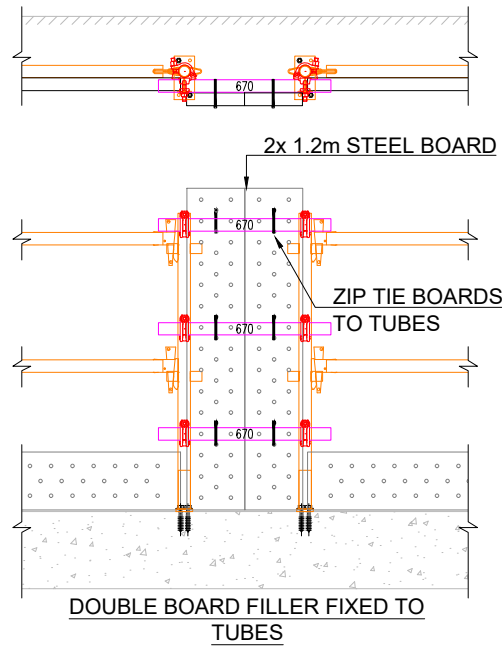
info@coagentscaffolding.com.au



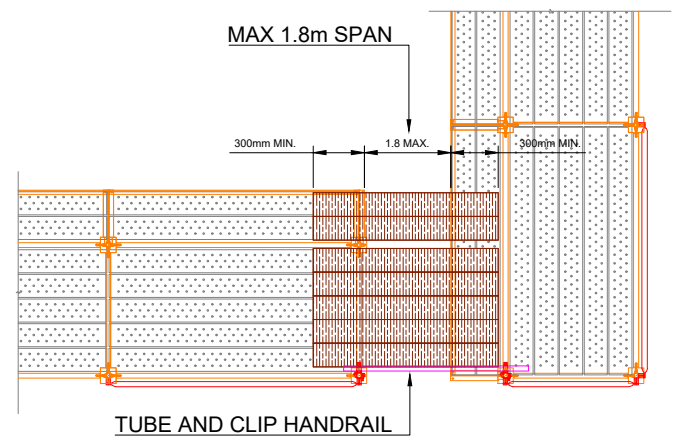
- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- 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

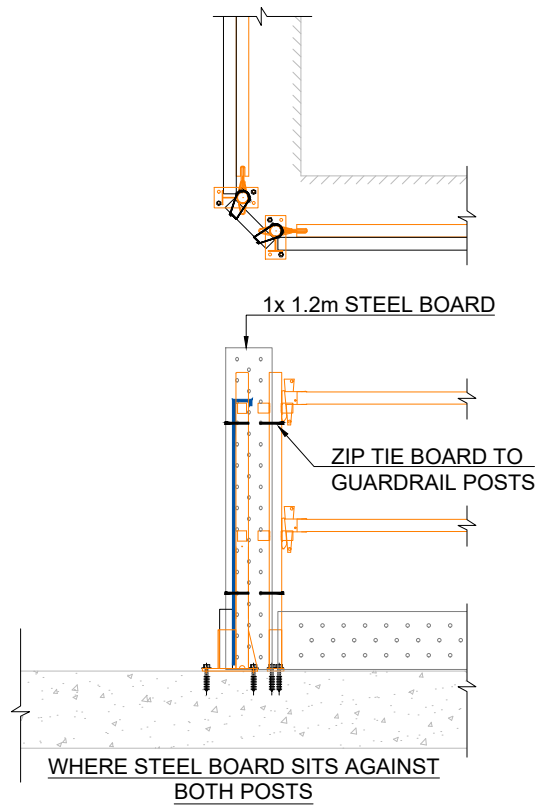
Signature: *[Signature]* Date: 31/01/2022

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

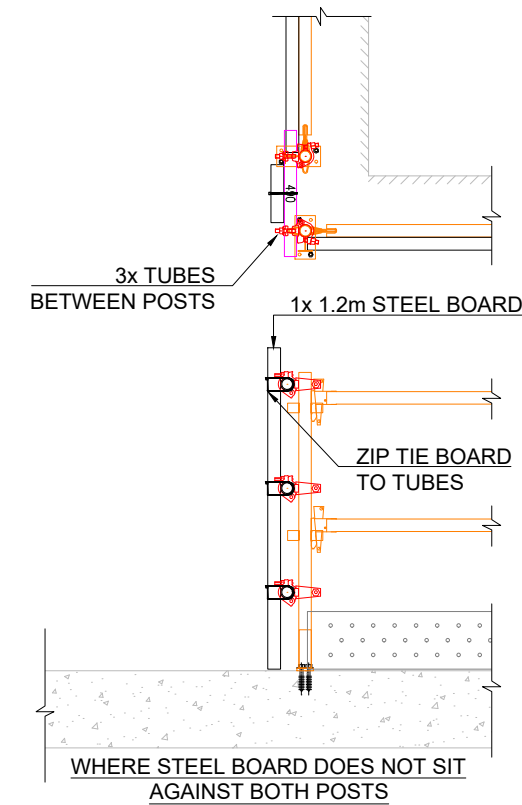
AMC Engineering Consultants Pty. Ltd.



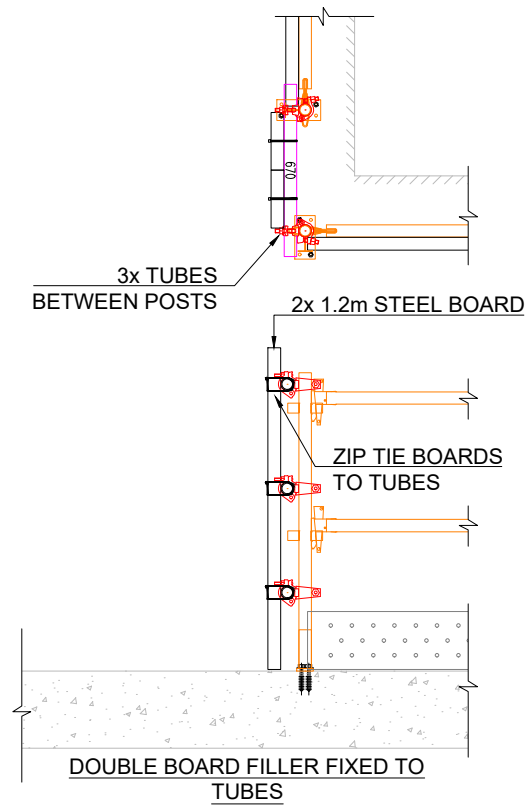
ABN: 33 605 969 926
ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3

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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.

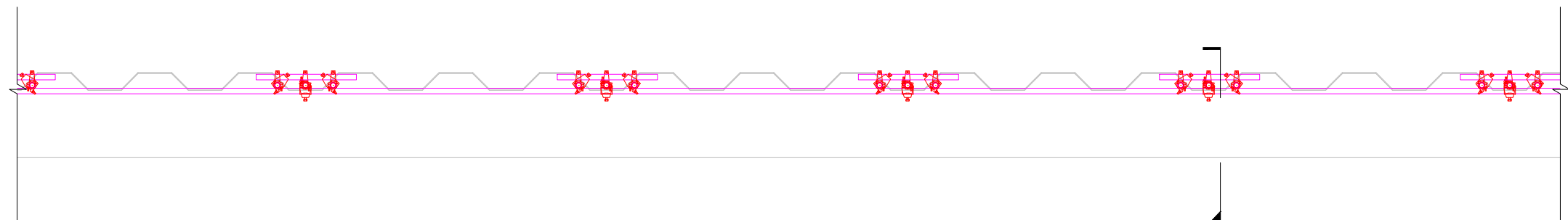
6. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.

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

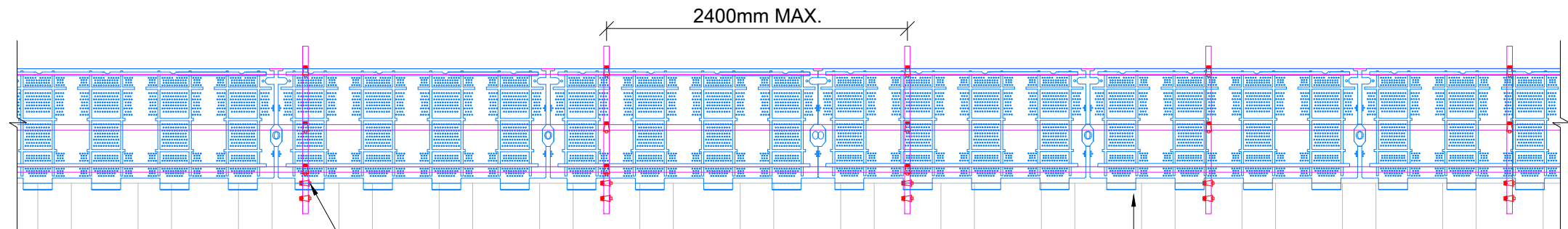


FOR CONSTRUCTION

Details:	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL SHEET 09 COGENT SCAFFOLDING		
Drawn:	RT		
Date:	20/09/2019		
Comments:	-		
Drawing No.:	COG-TYP-09		
			COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 145 info@cocentcaffolding.com.au



PLAN - SHEET PILE GUARD RAIL
SCALE 1:50 @ A3



SECTION
SCALE 1:50 @ A3

SECURE STANDARD TUBE TO
SHEET PILE USING A BEAM CLAMP

1m HIGH SCAFFGUARD CONTAINMENT
FIXED TO GUARDRAILS USING ZIP TIES

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

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

Signature: *Arnel M. Climacosa* 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

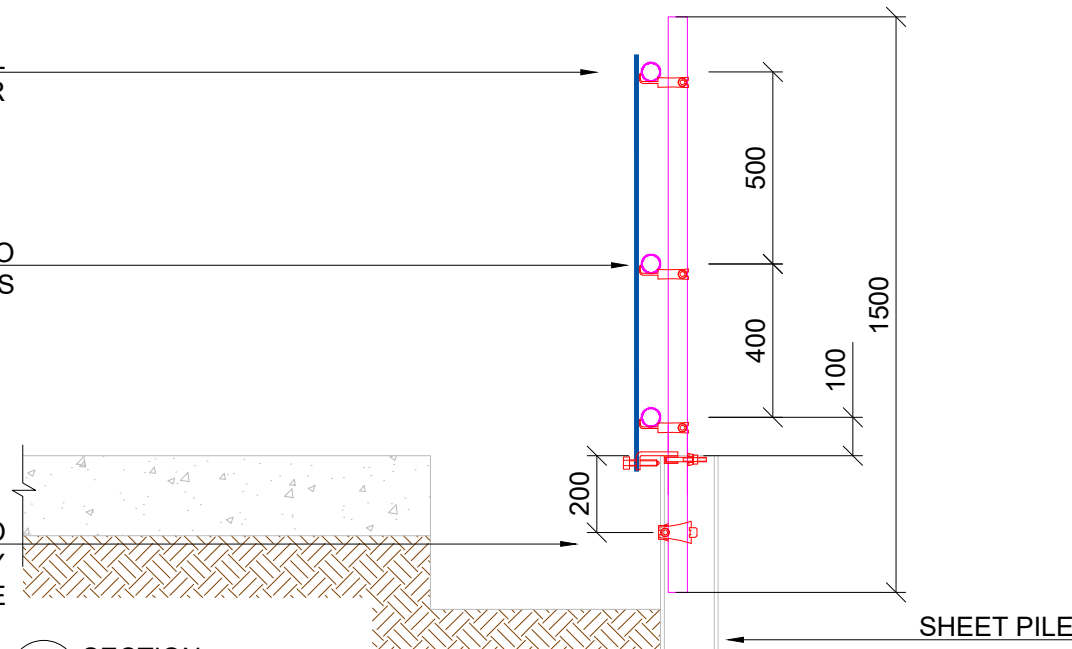


P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

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



SECTION
SCALE 1:20 @ A3

SHEET PILE

1500mm STANDARD TUBE

CONNECT BUTT TUBES TO STANDARD
WITH 900mm TUBE AND 90° COUPLERS

300mm BUTT TUBE

CONNECT BUTT TUBES TO
SHEET PILE WITH BEAM CLAMPS

COUPLER AGAINST
SHEET PILE

SHEET PILE

BEAM CLAMP

3D STANDARD CONNECTION TO SHEET PILE
NTS @ A3

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A	FOR CONSTRUCTION	13/04/2021	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/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: COGENT TYPICAL DESIGNS

ALL PROJECTS
SHEET PILE HANDRAIL
TUBE AND CLIP

Drawn: RT

Checked: -

Date: 13/04/2021

Comments: -

COGENT SCAFFOLDING
Unit 6, 388 Esmay Road
Banyo Qld 4014
Phone T 1300 550 149
info@coagentscaffolding.com.au

Drawing-No: COG-TYP-10

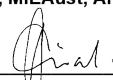
A

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

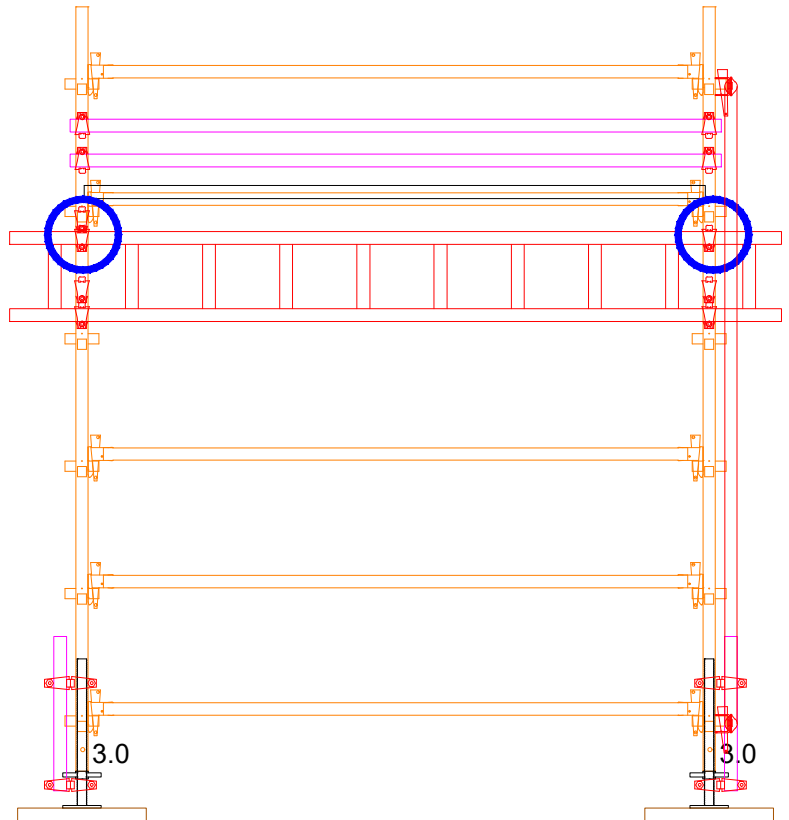
AMC Engineering Consultants Pty. Ltd.



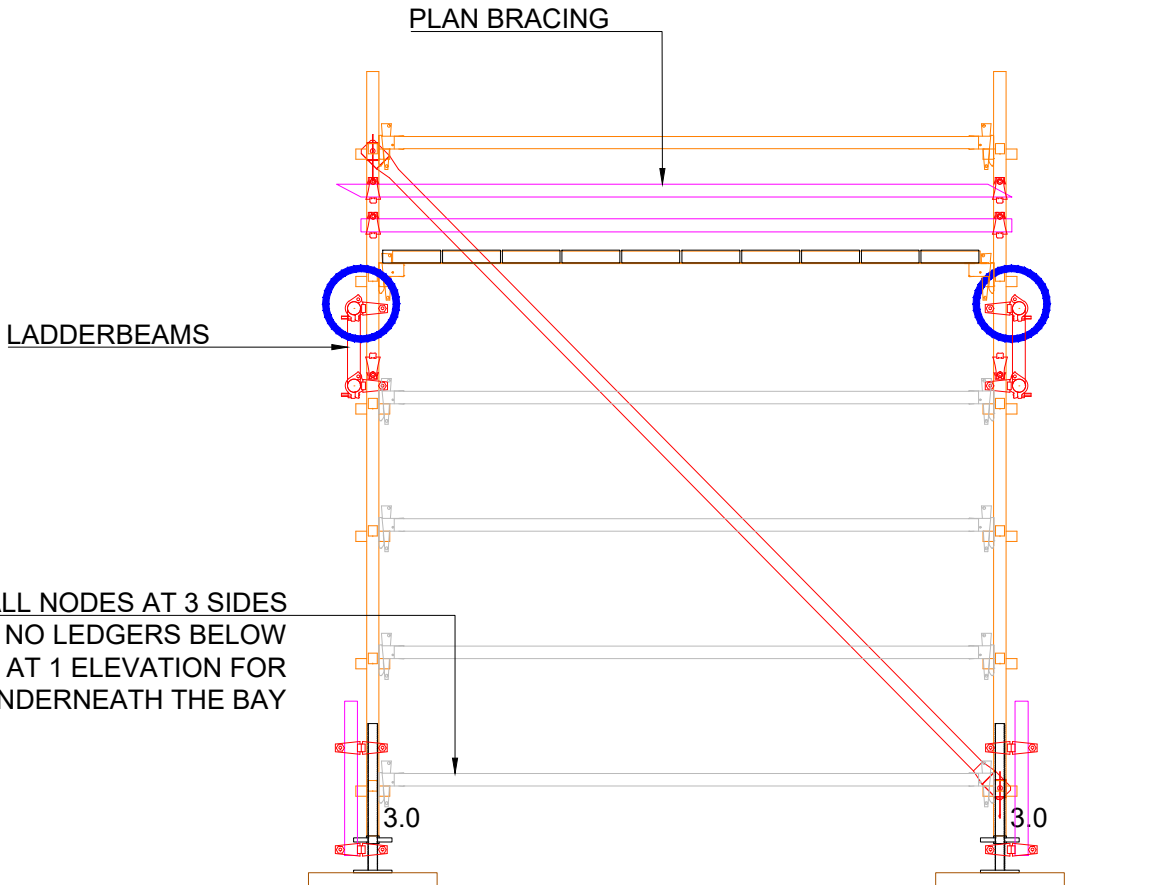
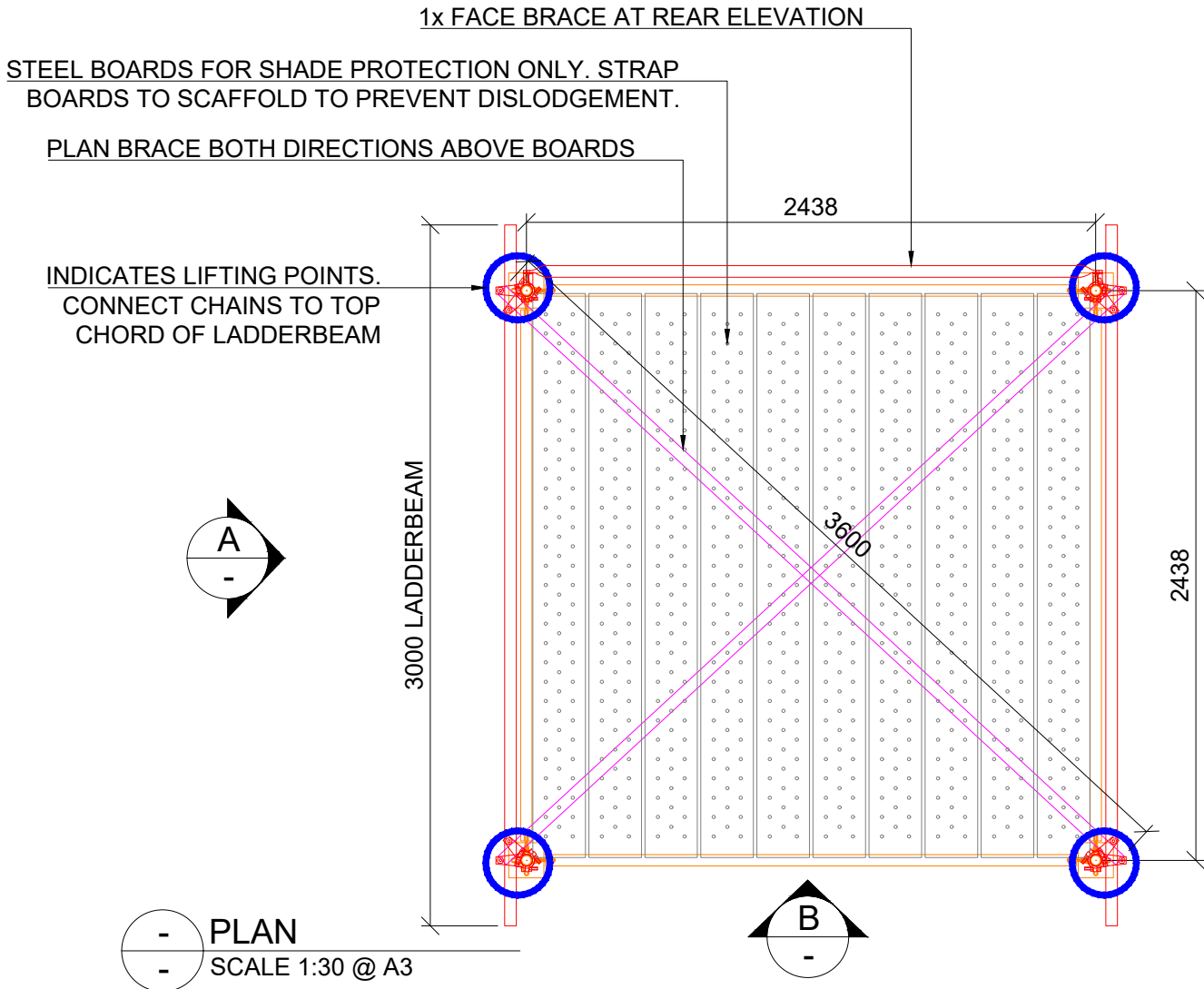
ABN: 33 605 969 926
ACN: 605 969 926

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

NO CONTAINMENT TO BE
INSTALLED ON THIS
SCAFFOLD



A ELEVATION
SCALE 1:50 @ A3



B ELEVATION
SCALE 1:50 @ A3

Drawing Notes

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- 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
- 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 =.....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.
- Eccentricity
All legs are to be erected plumb and loaded concentrically to the general tolerances given in AS3610.
- Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
- Scaffold/Falswork/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

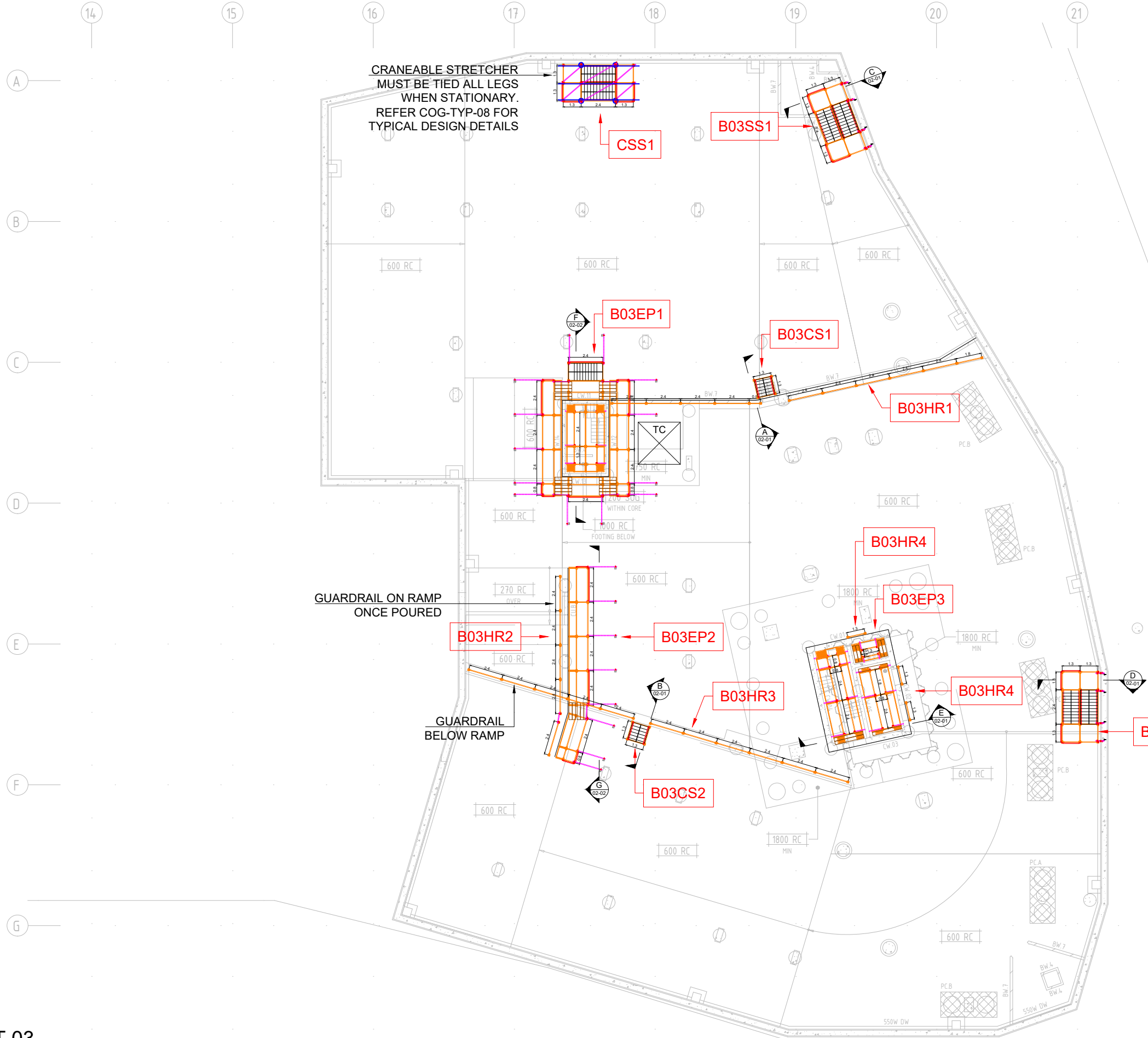


ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

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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, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au		
Date:	14/02/2022			
Comments:	-			
Drawing-No.:	COG-TYP-014			



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

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

				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.				  								FOR CONSTRUCTION			
H				1. Cogent Scaffolding Copyright				4. Tying & Bracing No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.				Responsibilities Wherever possible, risk is designed out of this proposal during the design process.				ISO 9001:2015 & AS/NZS 4801:2001 CERTIFIED COMPANY : Registration Number: 254				Details: MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE							
G				This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.				5. Design Output 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.				COGENT SCAFFOLDING Specialists in Scaffolding Solutions				COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au							
F				2. Loads				Wind loads where applicable, have been calculated in accordance with AS 1170.2. Max. Design Wind Force.....kN/m ²								Date: 04/03/2022											
E				Access				Working Lifts1.....No. @.....0.75.....kN/m ²								Drawn: RT											
D								Additional Lifts1.....No. @.....0.75.....kN/m ²								Date: 13/05/2022											
C								Hop-Up BracketsNo. @.....0.75.....kN/m ²								checked: DO											
B				FOR CONSTRUCTION				10/06/2022				RT				DO											
A				ADJUSTED AS PER CLIENT COMMENTS				13/05/2022				RT				DO											
Index				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.



ABN: 33 605 969 926
ACN: 605 969 926

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GUARDRAIL ON RAMP
ONCE POURED

GUARDRAIL
BELOW RAMP

BASEMENT 02
SCALE 1:300 @ 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 this proposal during the design process.

7. Scaffold/Falsework/Formwork designed in accordance with AS1576

Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE	
Drawn:	RT	COGENT SCAFFOLDING
Date:	04/03/2022	Unit 6, 368 Earnshaw Road Banyo Qld 4014
Comments:	-	Phone T 1300 550 149 info@cgentscaffolding.com.au
Drawing No.:	C320-01-B2	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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GUARDRAIL ON RAMP
ONCE POURED

-- BASEMENT 01
-- SCALE 1:300 @ 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 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	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au
Drawn:	RT	
Date:	04/03/2022	
Comments:	-	
Drawing No.:	C320-01-B1	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

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W: www.amceng.com.au

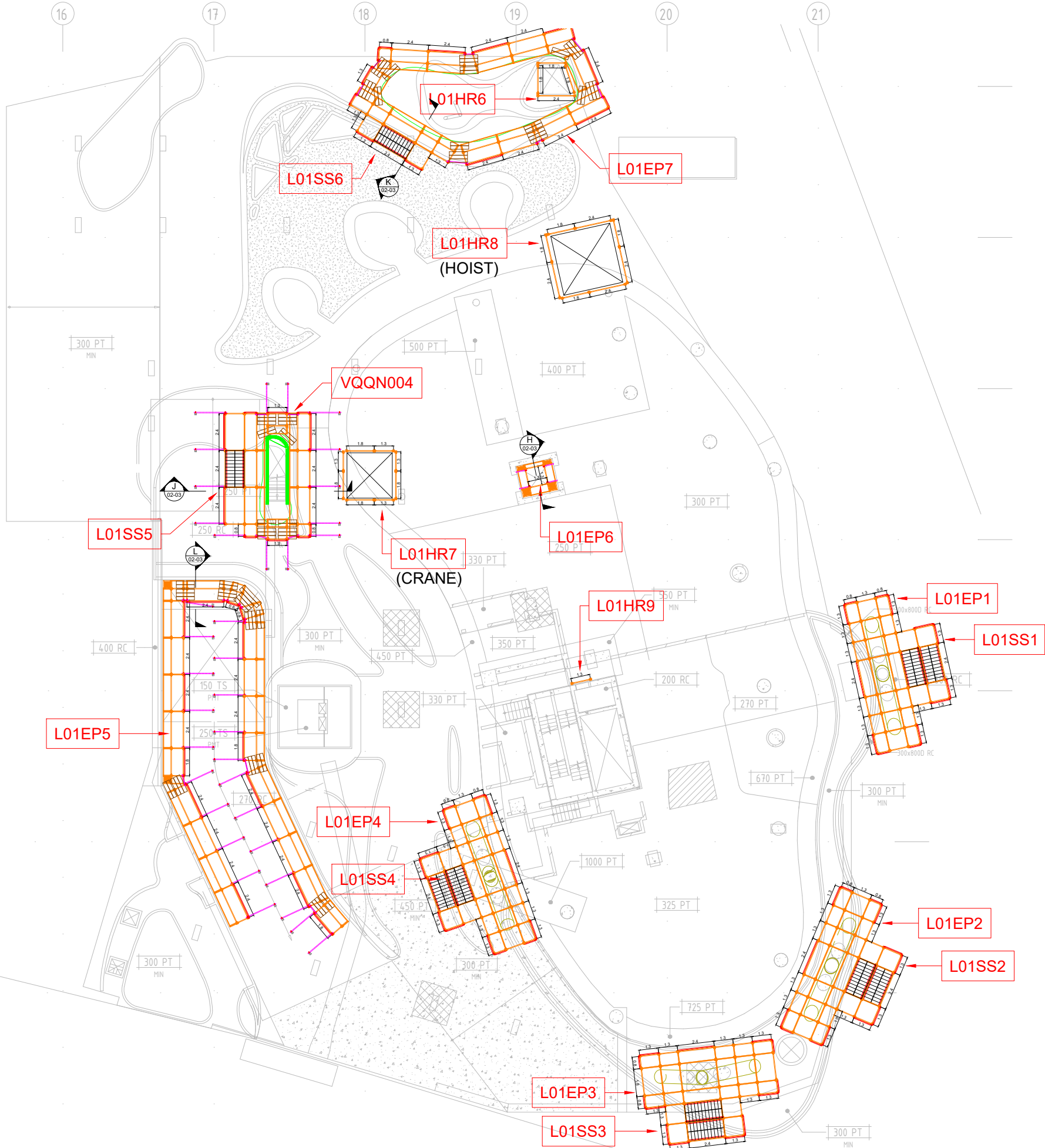


SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING



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



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

- 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 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 :-

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



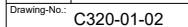
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



FOR CONSTRUCTION

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

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



! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

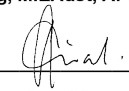
! ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS

APPROVED

Registered Professional Engineer of Professional Australia

Arnel M. Climacosa

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

Signature:  Date: 14/06/2022

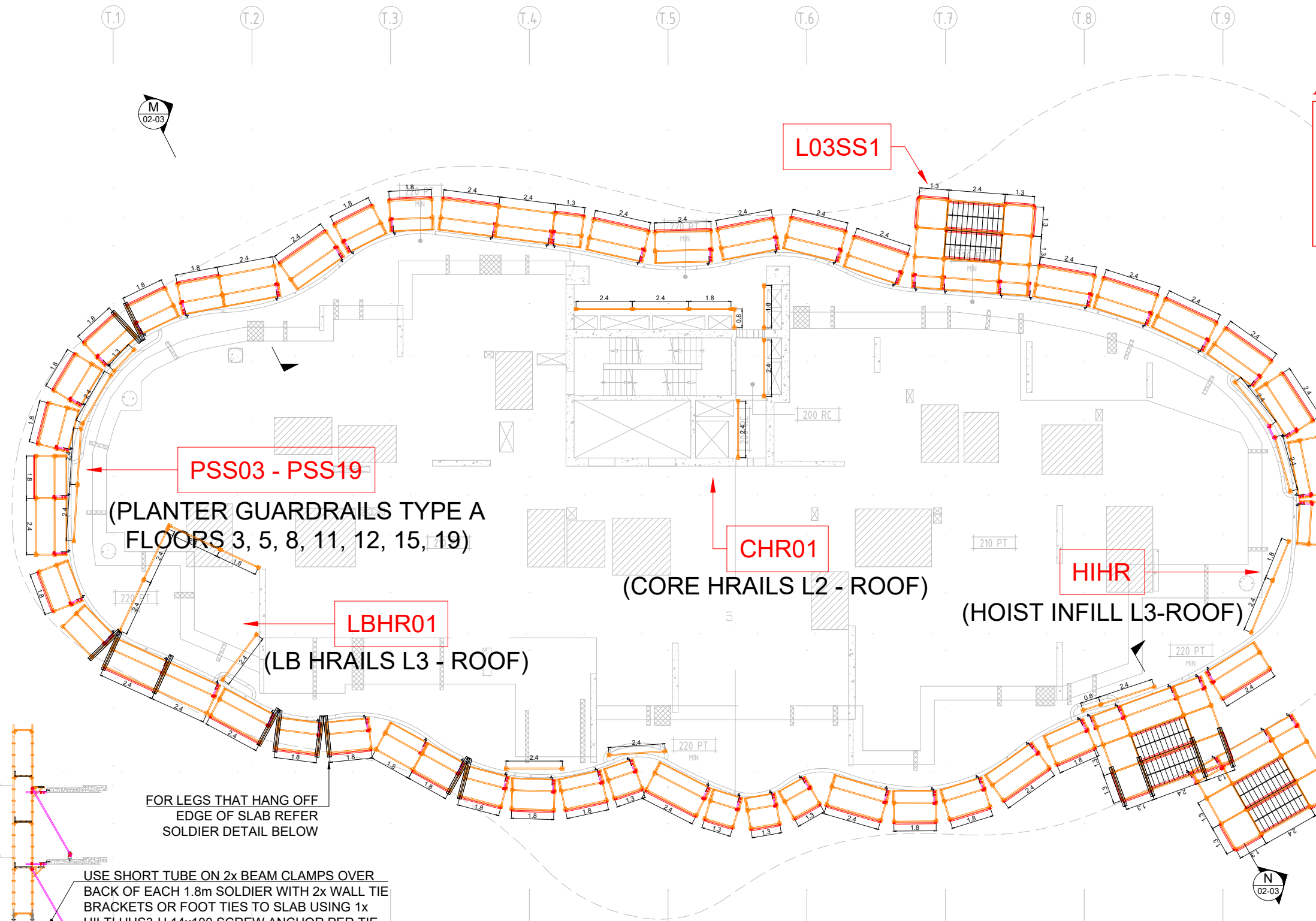
Registered on the RPEng in the area of practice of

Structural

RPEQ # : 21011

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LEVEL 03
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		3. Foundations/Support	Maximum calculated Leg Load = 0.0 kN
1. Cogent Scaffolding Copyright		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 Tie Load = 0.0 kN
2. Loads		4. Tying & Bracing	Tie Type > : Tie spacing to be as shown on drawing.
Access		No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.	6. Responsibilities
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.
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.
Hop-Up Brackets	1 No. @ 0.75 kN/m ²		
Wind	Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m ²		



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:	-
Drawn No:	C320-01-03
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.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

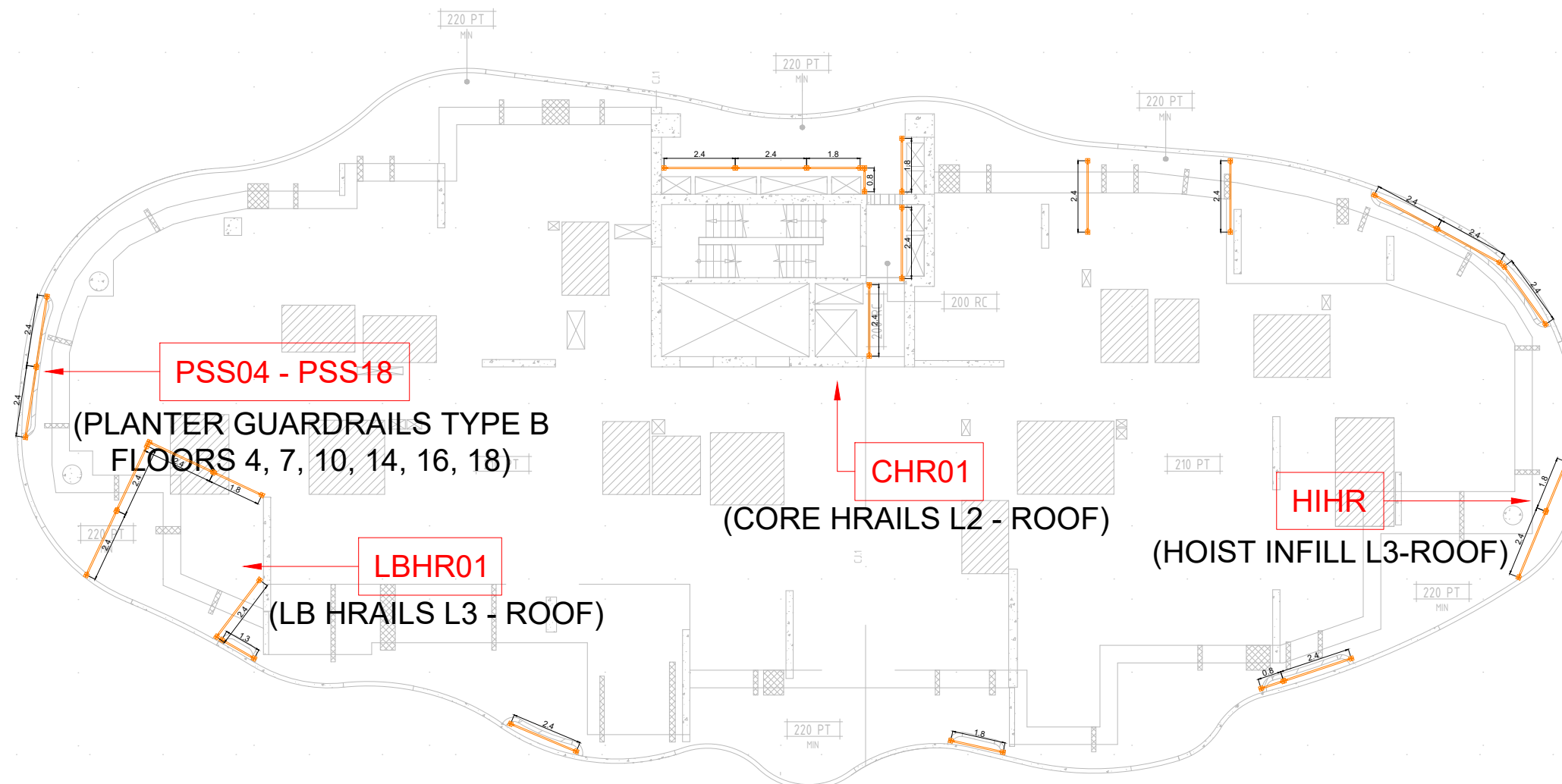
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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

LEVEL 04
SCALE 1:200 @ A3

				Drawing Notes							
I				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.	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 =.....kN Lift positions and bracing frequency to be as shown.					
H				2. 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.	Maximum calculated Tie Load =.....kN Tie Type >..... Tie spacing to be as shown on drawing.					
G				Access	5. Design Output This drawing should be read in conjunction with :-	Responsibilities Wherever possible, risk is designed out of this proposal during the design process.					
F				Working Lifts1.....No. @.....0.75.....kN/m ²	6. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.						
E				Additional Lifts1.....No. @.....0.75.....kN/m ²							
D				Hop-Up Brackets1.....No. @.....0.75.....kN/m ²							
C				Wind							
B	FOR CONSTRUCTION	10/06/2022	RT	DO							
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO							
Index	Revision	Date	drawn:	checked:							

SAQ

SCAFFOLDING ASSOCIATION QUEENSLAND

GLOBAL CERTIFICATION PTY LTD

QUALITY SAFETY

JAS-ANZ

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

B

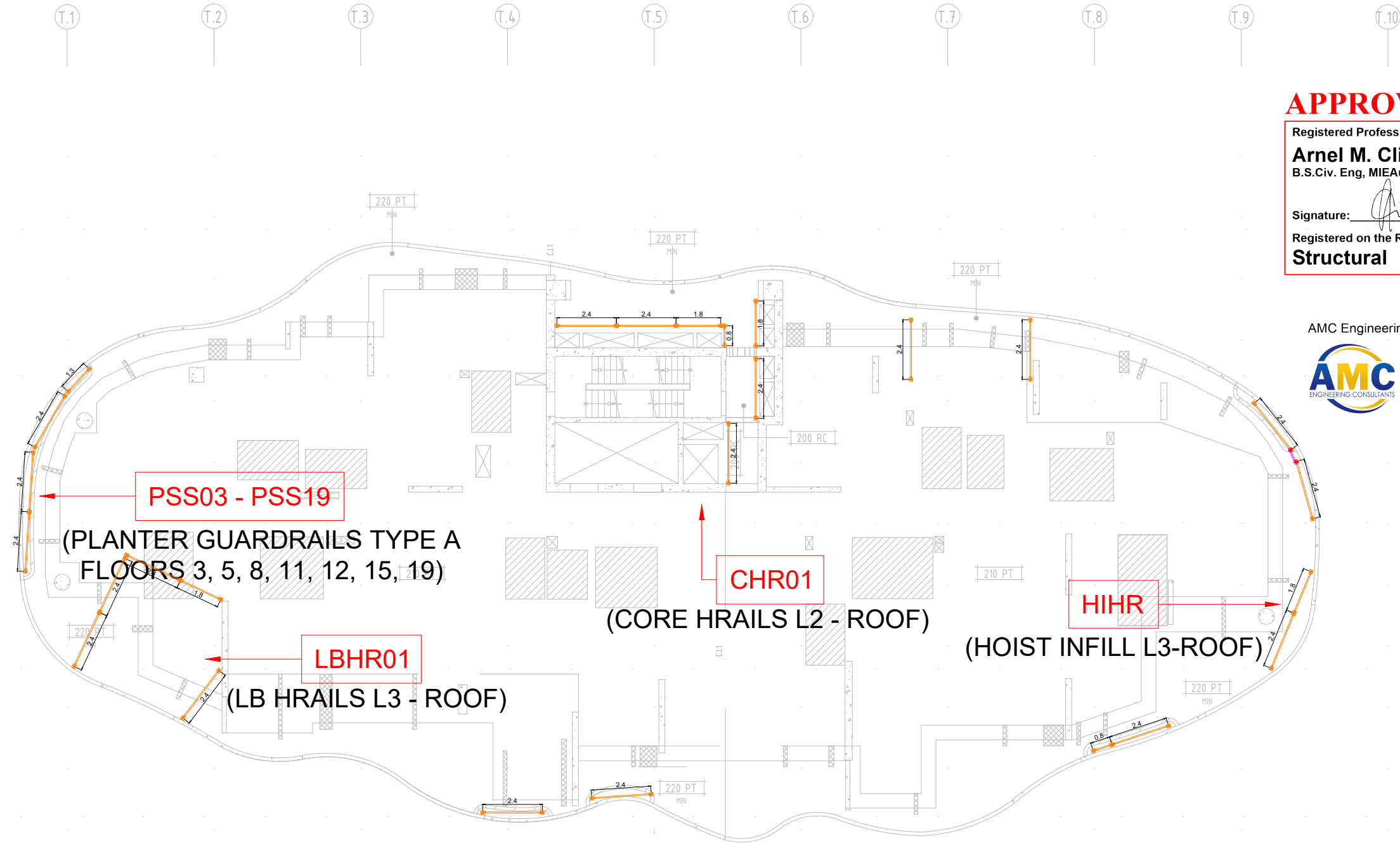
SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

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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ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
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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

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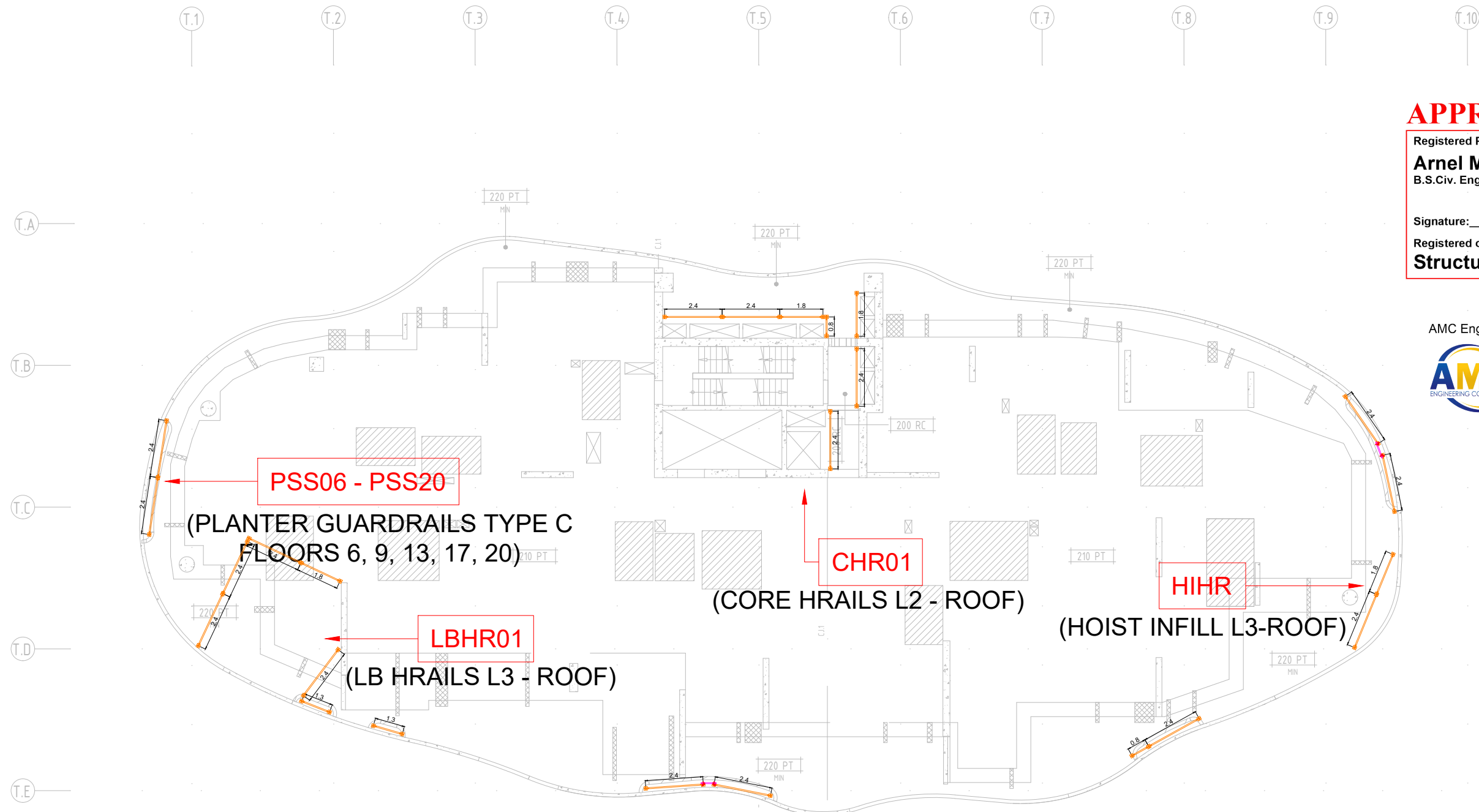
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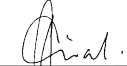
ALL TIES UNLESS INDICATED
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13x100 RAMSET BOA COIL OR
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ANCHORS

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

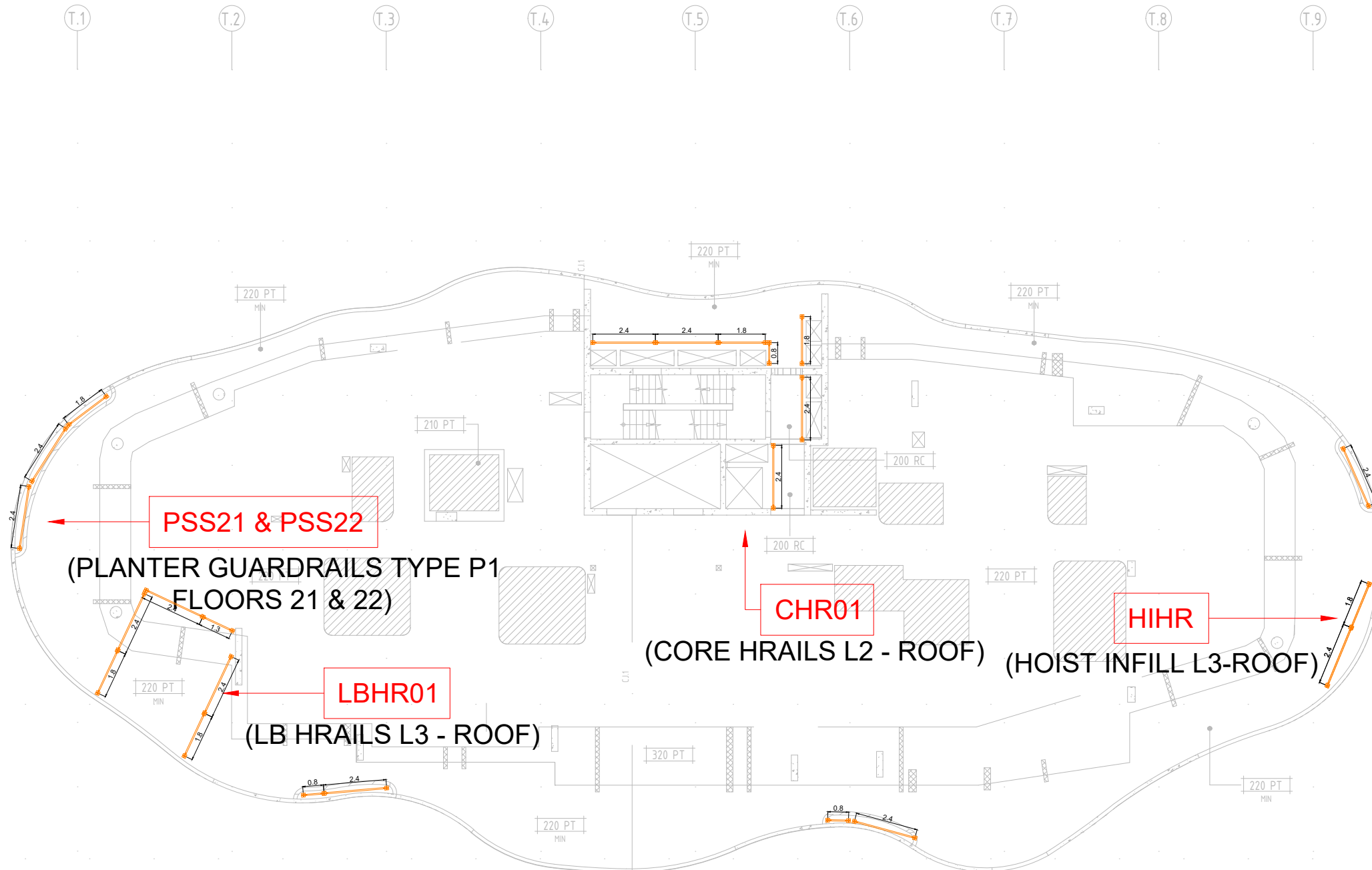
RPEQ # : 21011

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

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Index	Revision	Date	drawn:	checked:

Drawing Notes		3. Foundations/Support	Maximum calculated Leg Load =.....kN
1. Cogent Scaffolding Copyright		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.
2. Loads		4. Tying & Bracing	Maximum calculated Tie Load =.....kN
Access		No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.	Tie Type >.....
Working Lifts		5. Design Output	Tie spacing to be as shown on drawing.
Additional Lifts		This drawing should be read in conjunction with :-	6. Responsibilities
Hop-Up Brackets			Wherever possible, risk is designed out of this proposal during the design process.
Wind			7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.
Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m ²			



FOR CONSTRUCTION	
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn No:	C320-01-21
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au	

SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

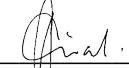
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Structural

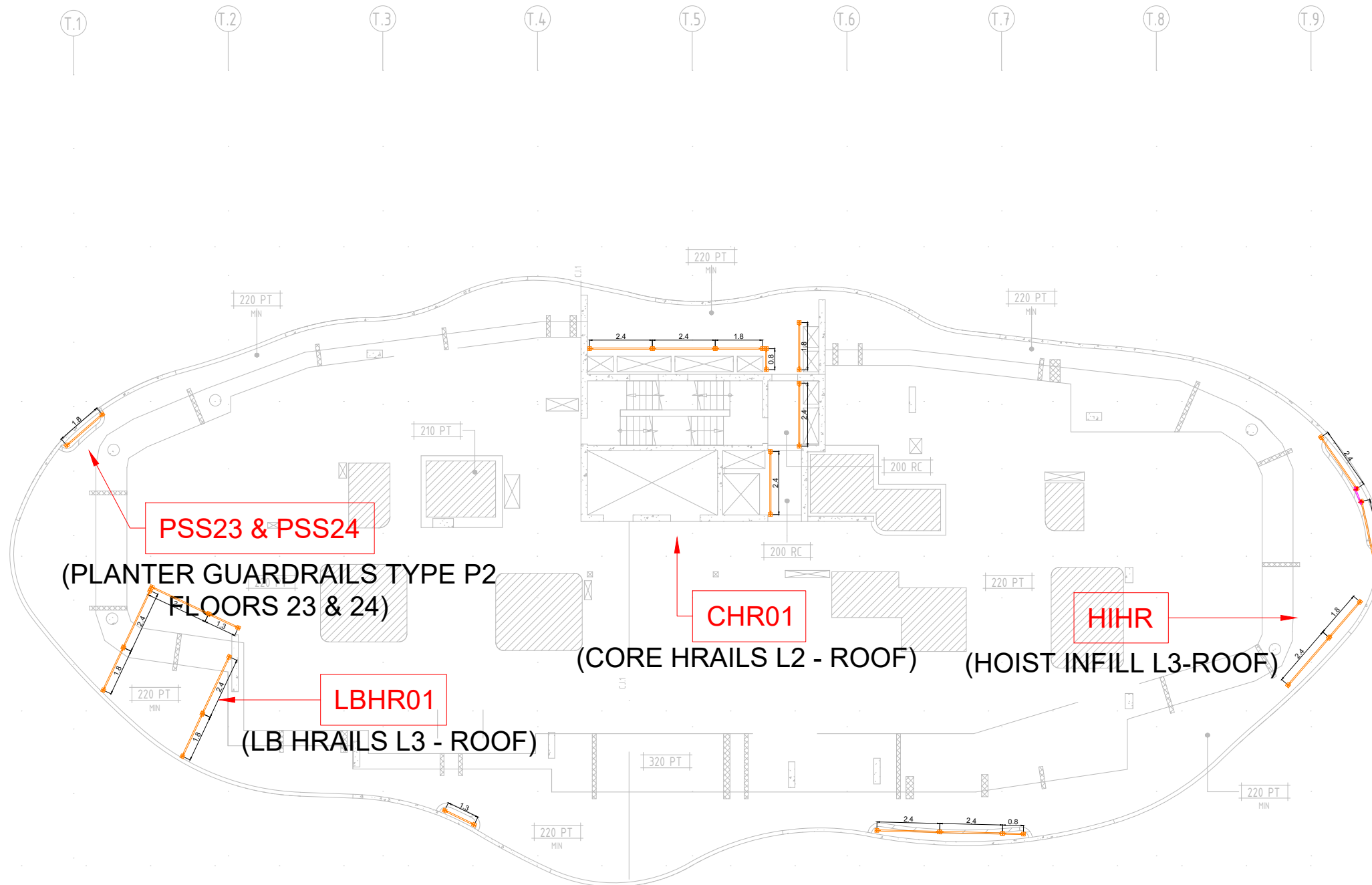
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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REFER C320-03-01 FOR ALL PLANTER
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SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING

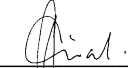
ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

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

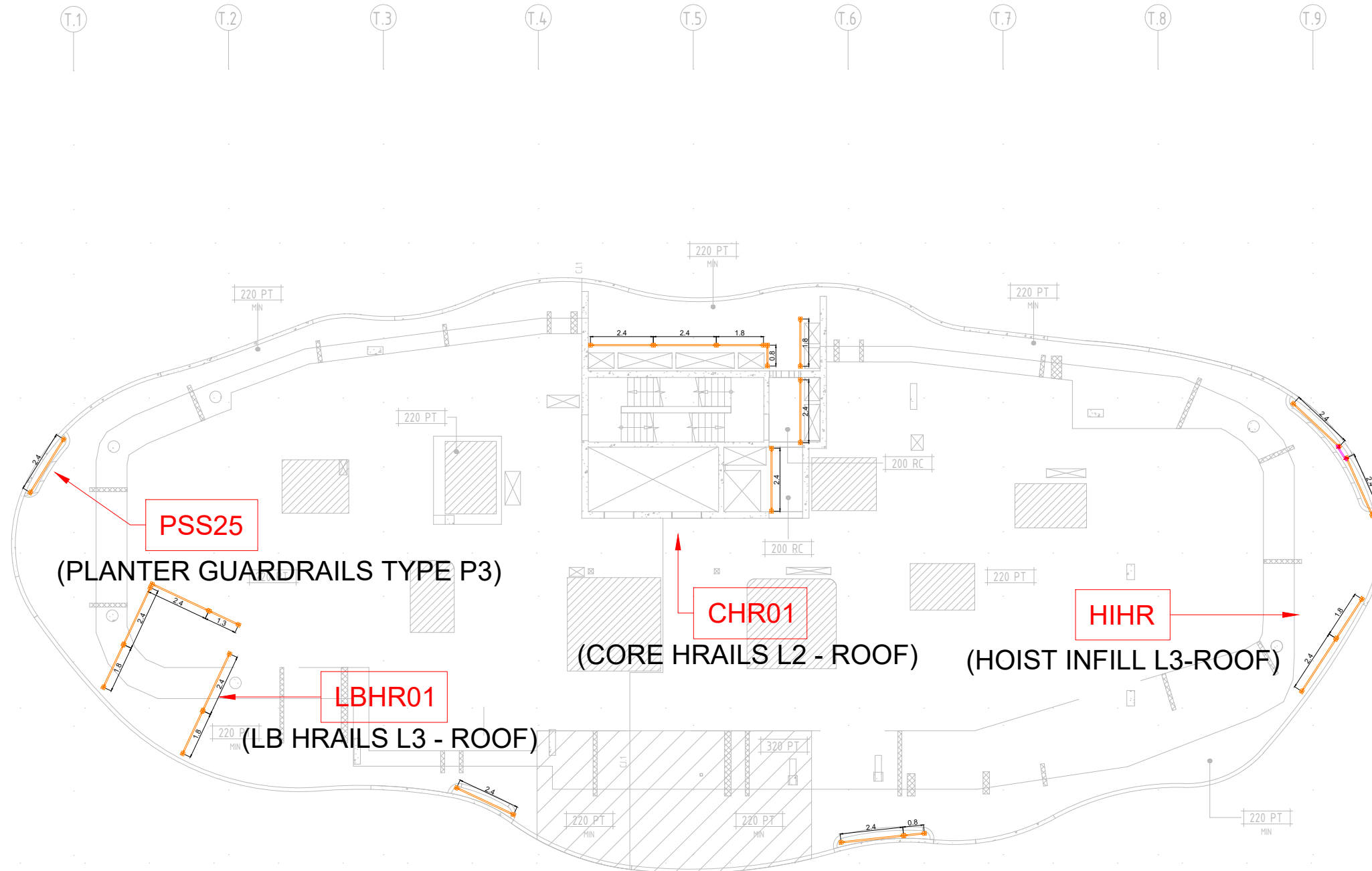
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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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		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 =.....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.			Maximum calculated Tie Load =.....kN Tie Type >..... Tie spacing to be as shown on drawing.
2. Loads Access Working Lifts1.....No. @.....0.75.....kN/m ² Additional Lifts1.....No. @.....0.75.....kN/m ² Hop-Up Brackets1.....No. @.....0.75.....kN/m ²		4. Tying & Bracing No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.	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		5. Design Output 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.



FOR CONSTRUCTION	
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn No.:	C320-01-25
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.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

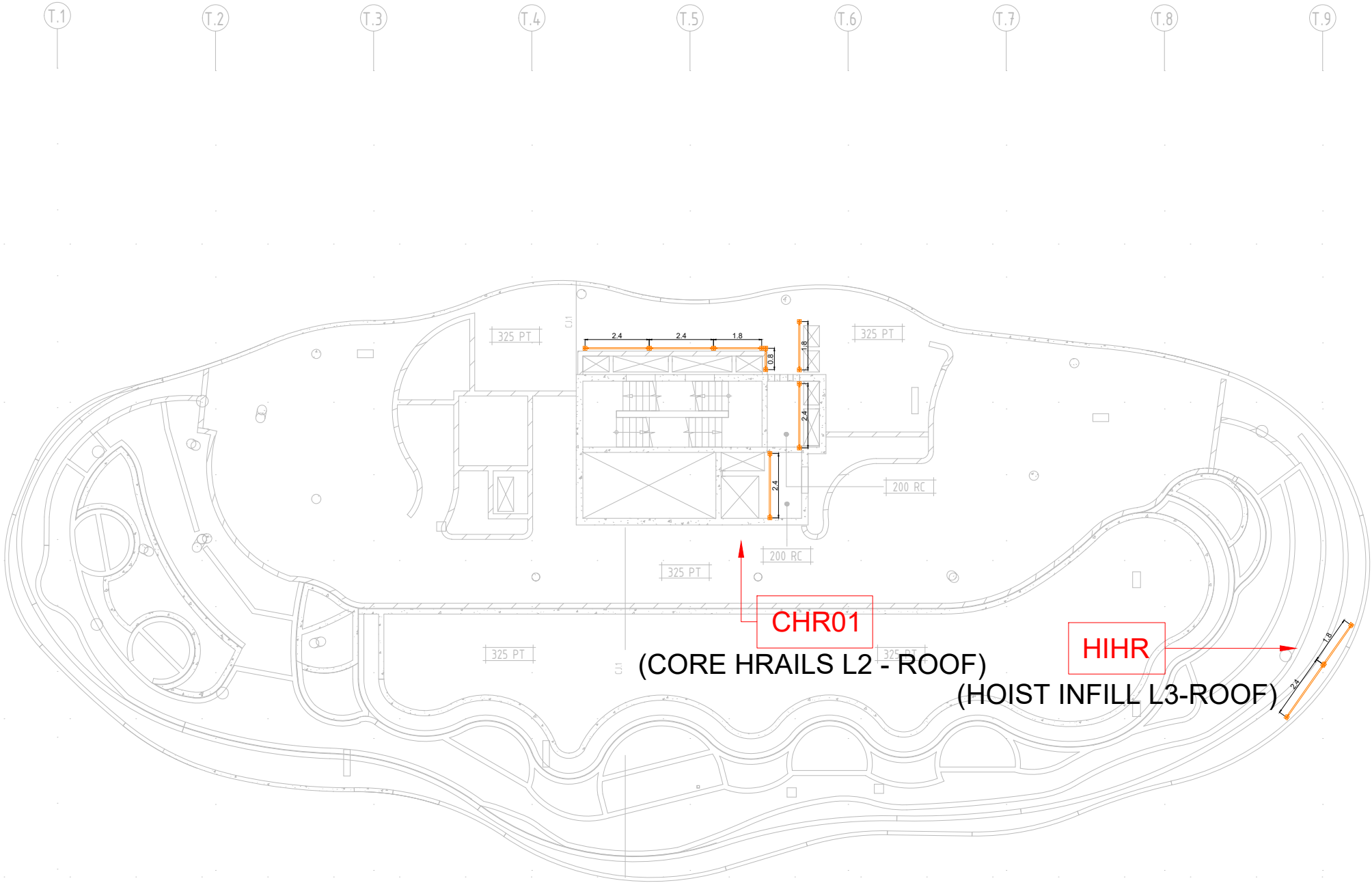
Signature:  Date: 14/06/2022

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

AMC Engineering Consultants Pty. Ltd.



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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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H				
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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

- 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 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 :-

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



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE	
Drawn:	RT	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au
Date:	04/03/2022	
Comments:	-	
Drawing No.:	C320-01-26	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

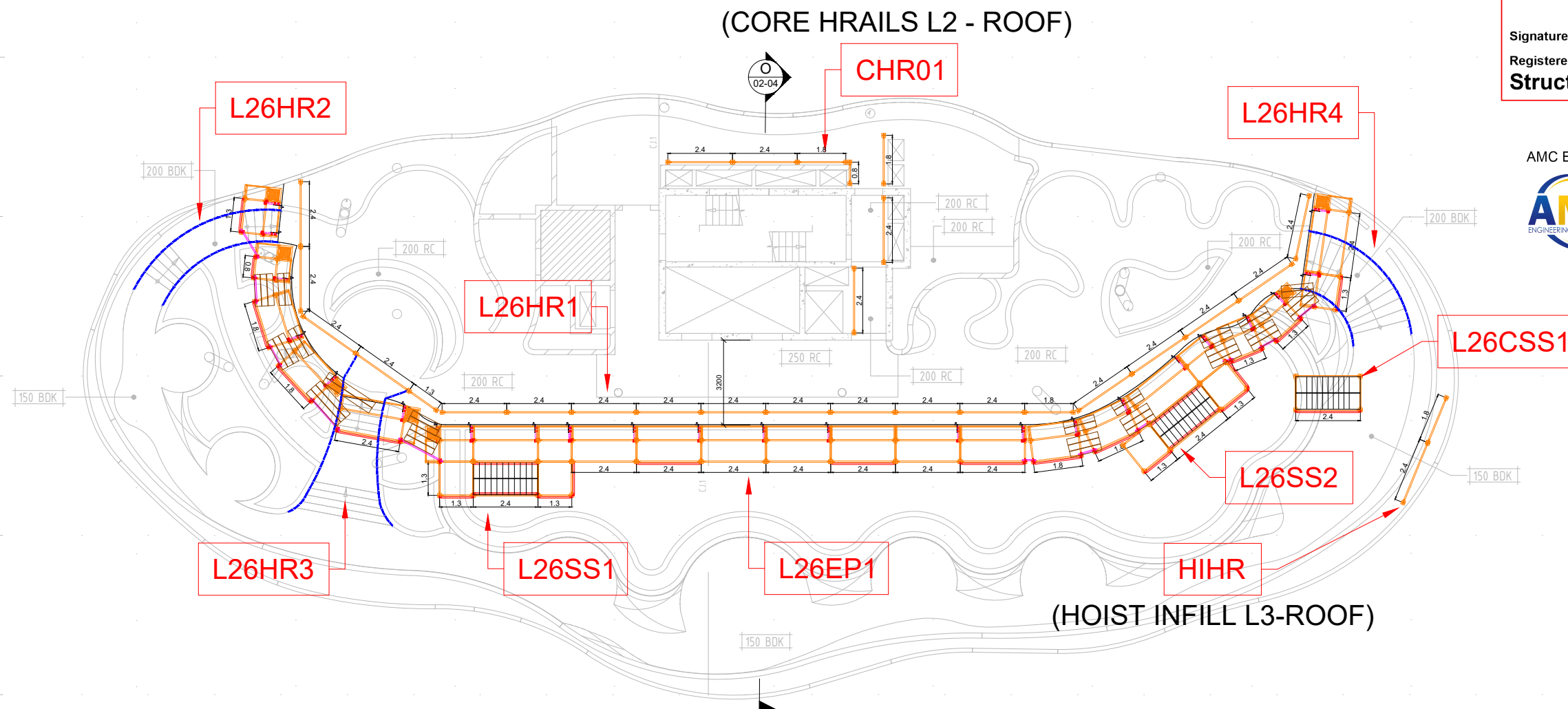
Registered on the RPEng in the area of practice of Structural RPEQ # : 21011

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

POOL DECK
SCALE 1:200 @ 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.

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

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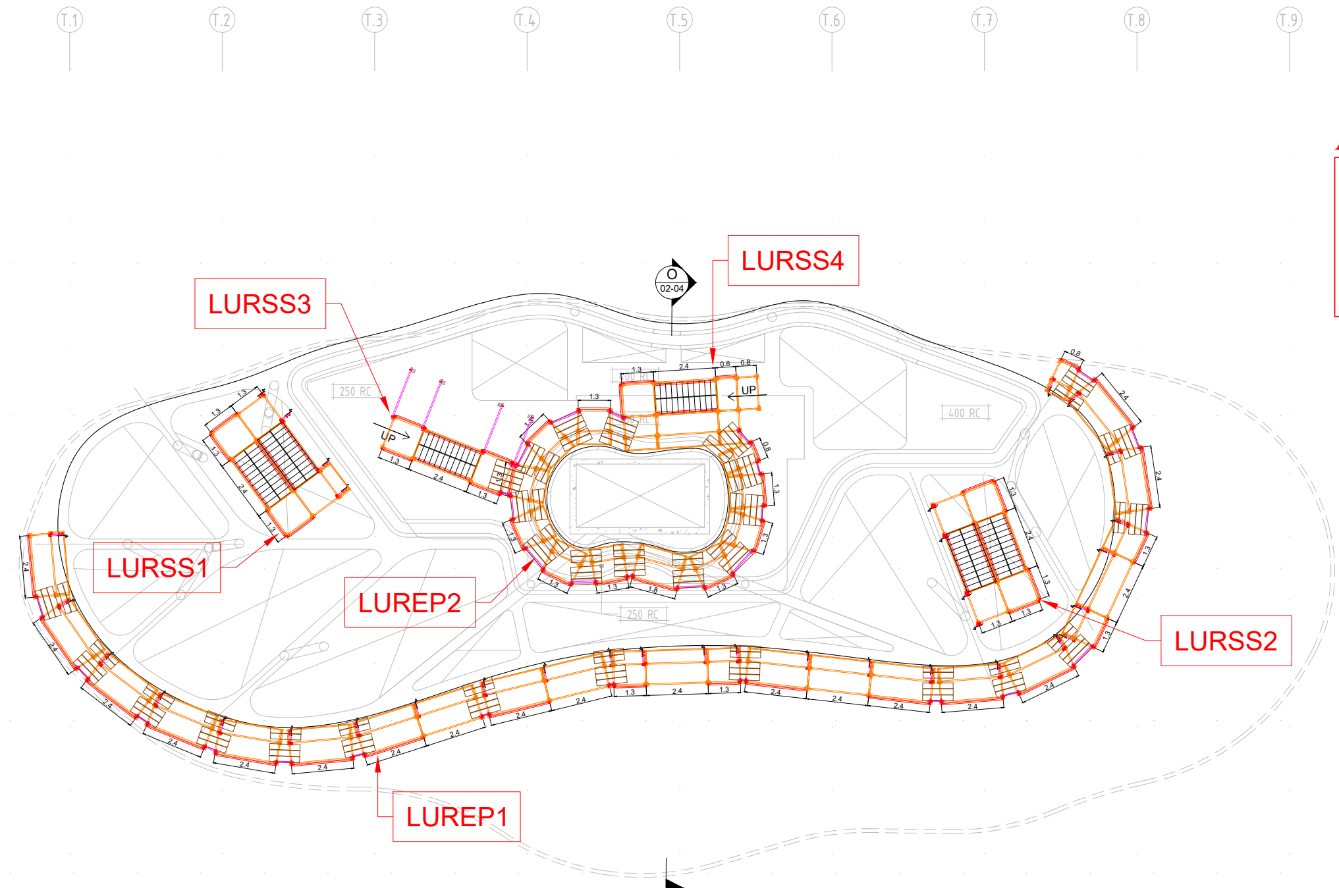
Signature: [Signature] Date: 14/06/2022

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W: www.amceng.com.au



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

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SCALE 1:200 @ 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

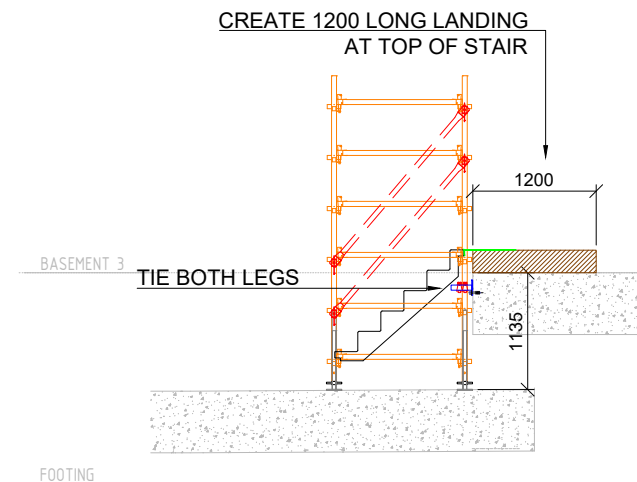
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

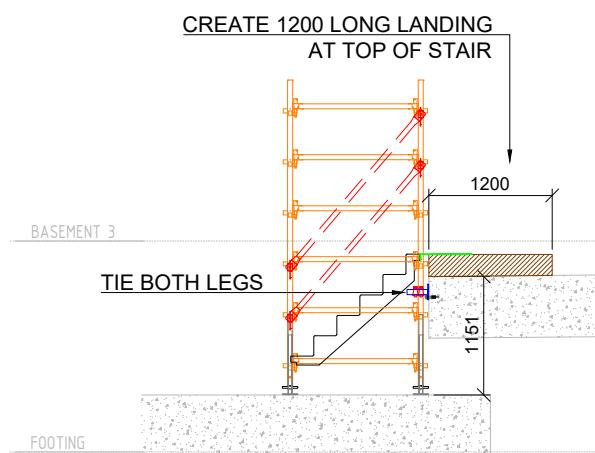


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ACN: 605 969 926

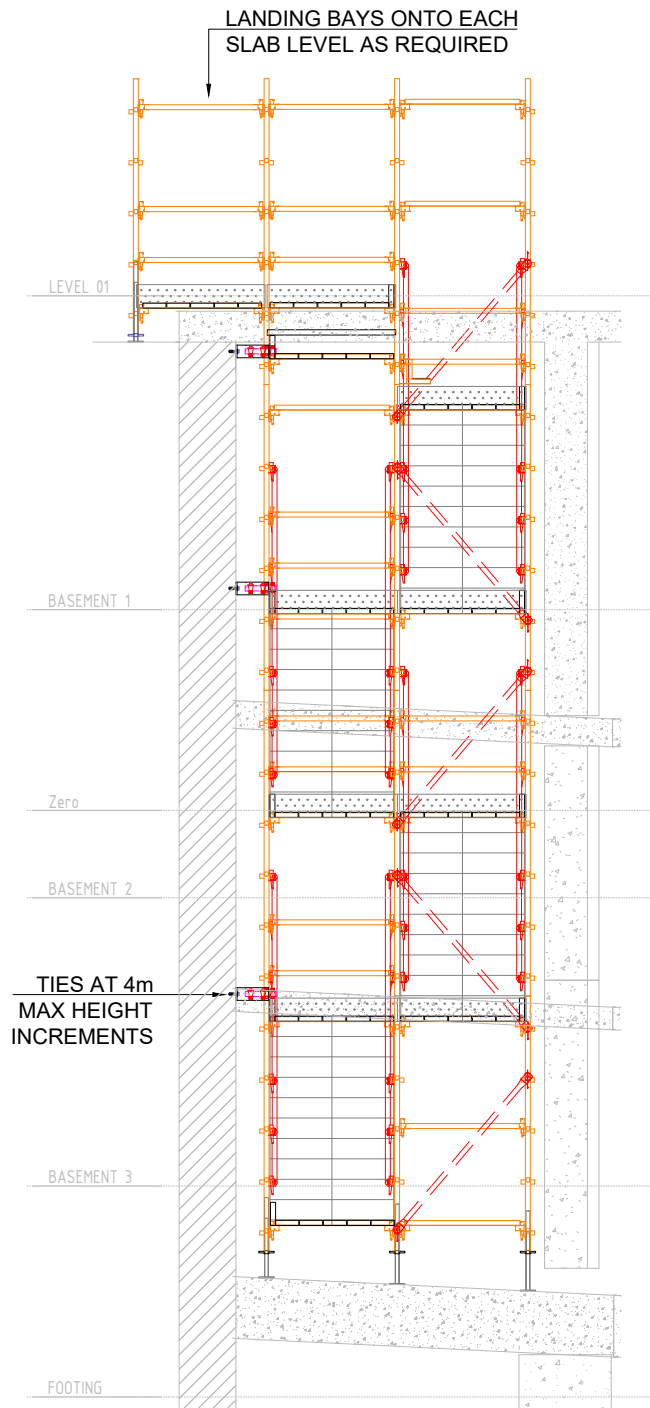
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E: admin@amceng.com.au
W: www.amceng.com.au



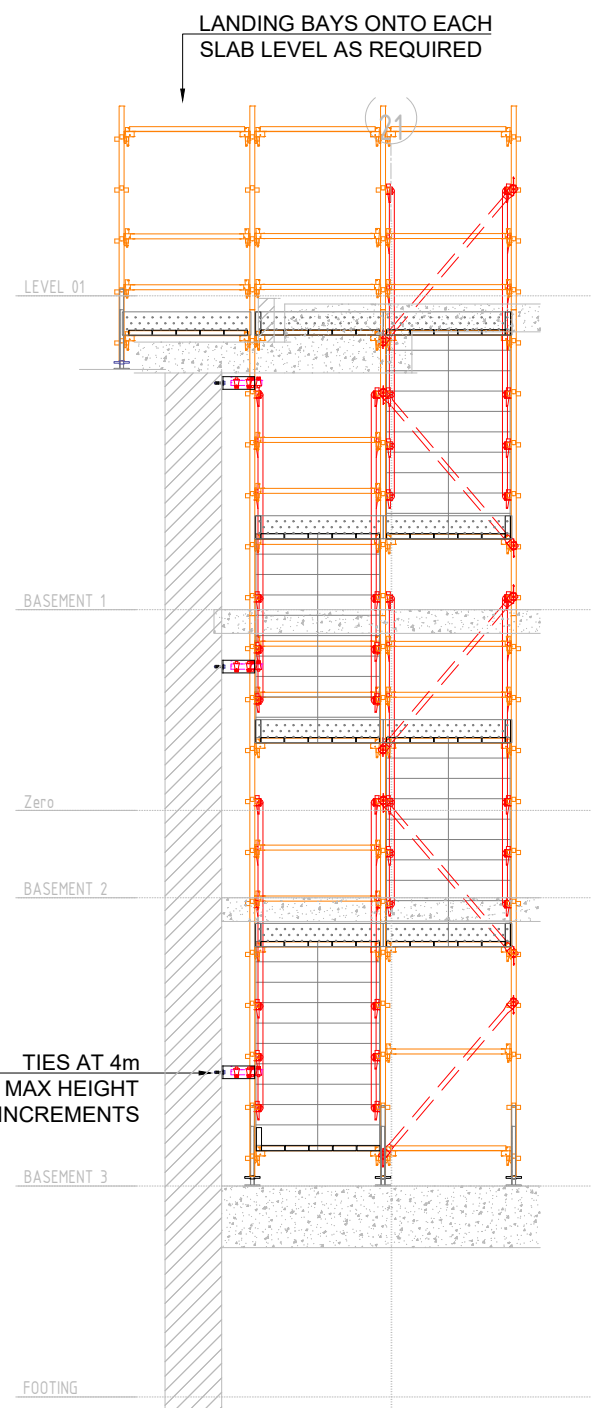
A SECTION
SCALE 1:75 @ A3



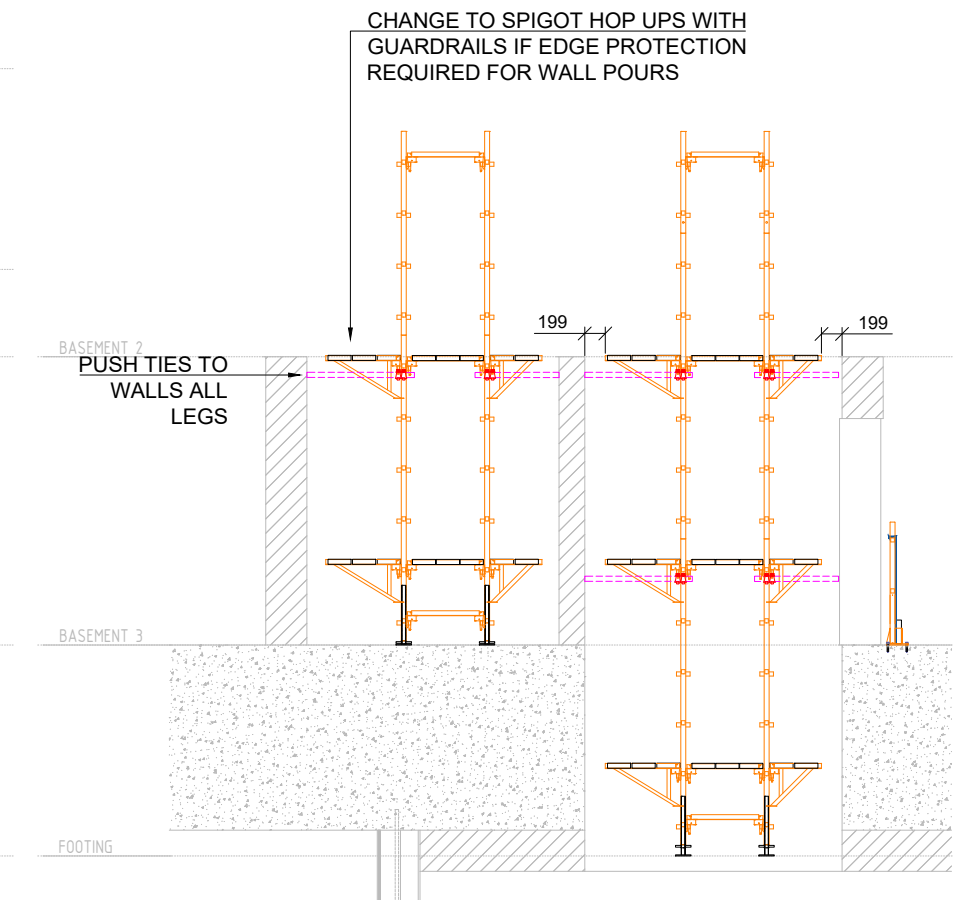
B SECTION
SCALE 1:75 @ A3



C SECTION
SCALE 1:75 @ A3



D SECTION
SCALE 1:75 @ A3



E SECTION
SCALE 1:75 @ A3

I				
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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		3. Foundations/Support	Maximum calculated Leg Load =.....0.0.....kN
1. Cogent Scaffolding Copyright		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.
2. Loads		4. Tying & Bracing	Maximum calculated Tie Load =.....0.0.....kN
Access		No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.	Tie Type >.....
Working Lifts		5. Design Output	Tie spacing to be as shown on drawing.
Additional Lifts		This drawing should be read in conjunction with :-	6. Responsibilities
Hop-Up Brackets			Wherever possible, risk is designed out of this proposal during the design process.
Wind			7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.
Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m ²			



FOR CONSTRUCTION	
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - SECTIONS KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn No.:	C320-02-01
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au	

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

Registered Professional Engineer of Professional Australasia

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

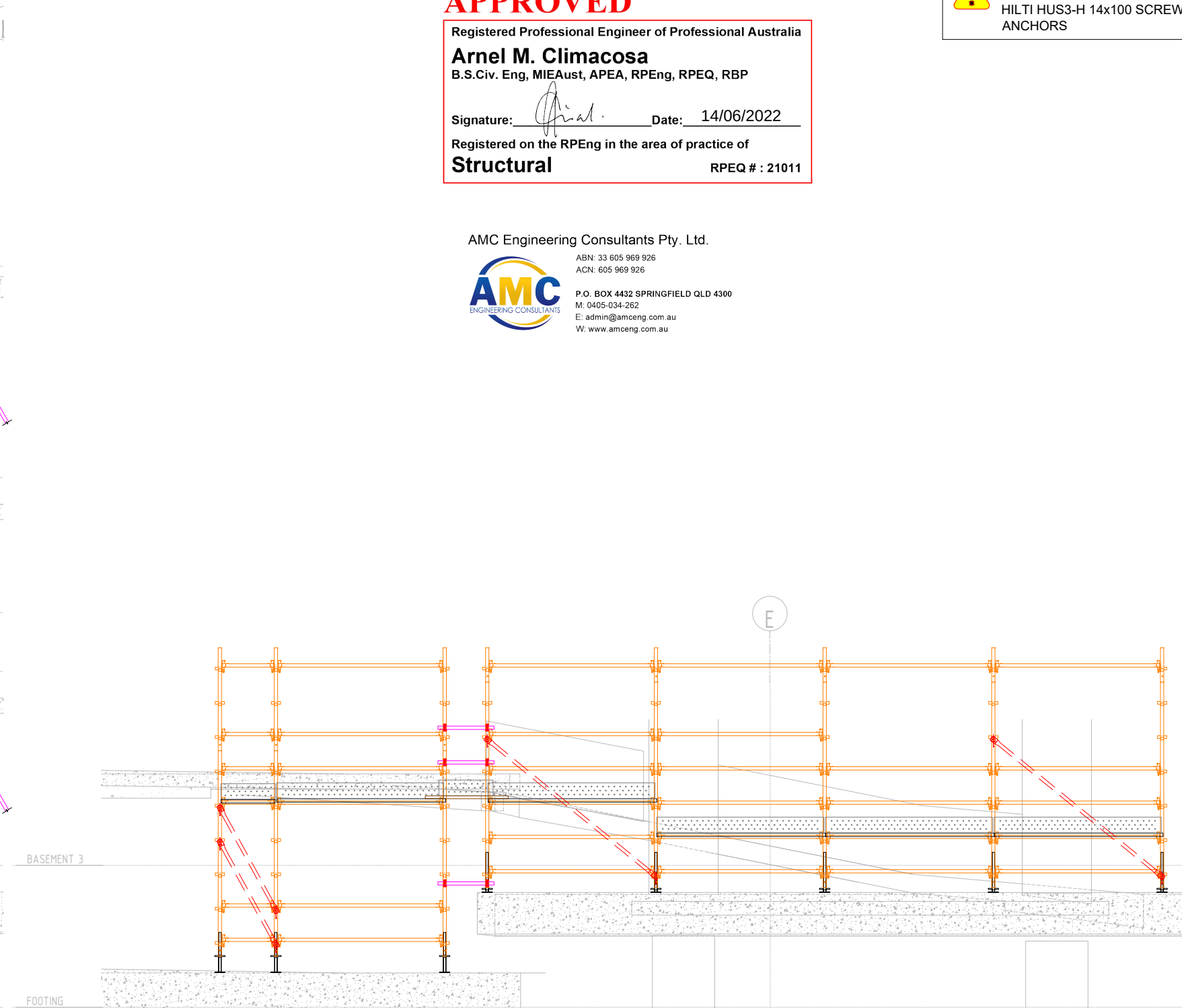
Signature: Date: 14/06/2022

Registered on the RPEng in the area of practice of
Structural

RPEQ # : 21011



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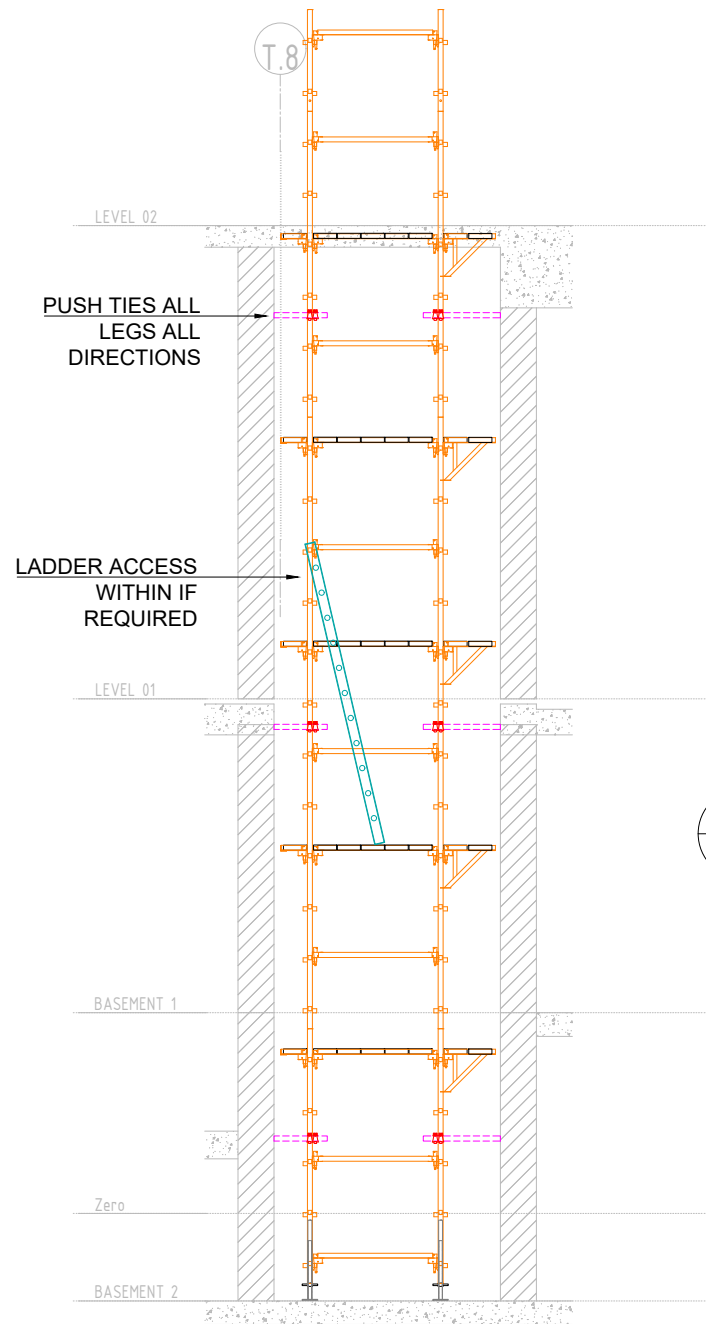


G SECTION
-- SCALE 1:75 @ A3

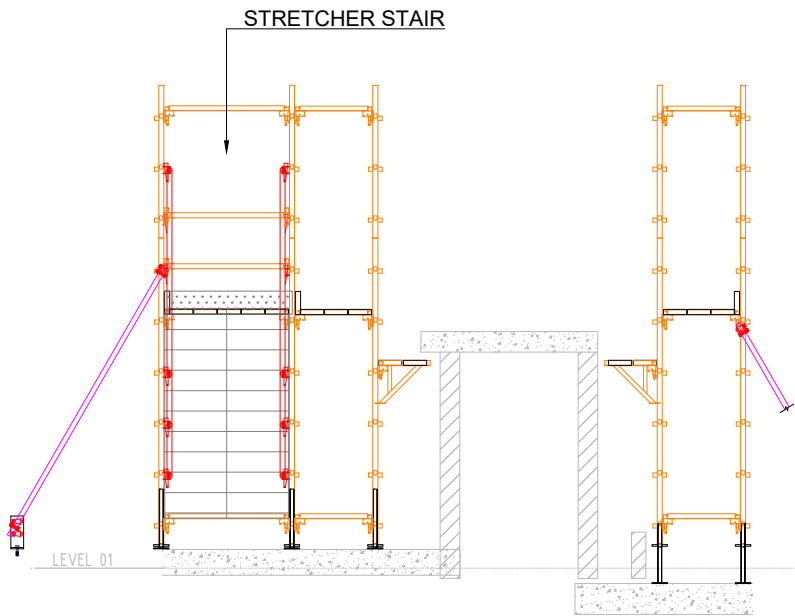
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SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

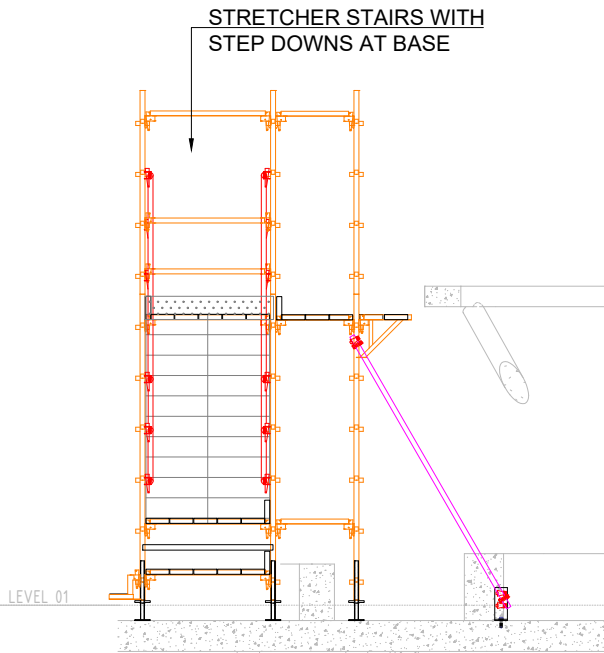
ALL TIES UNLESS INDICATED OTHERWISE ARE USING 13x100 RAMSET BOA COIL OR HILTI HUS3-H 14x100 SCREW ANCHORS



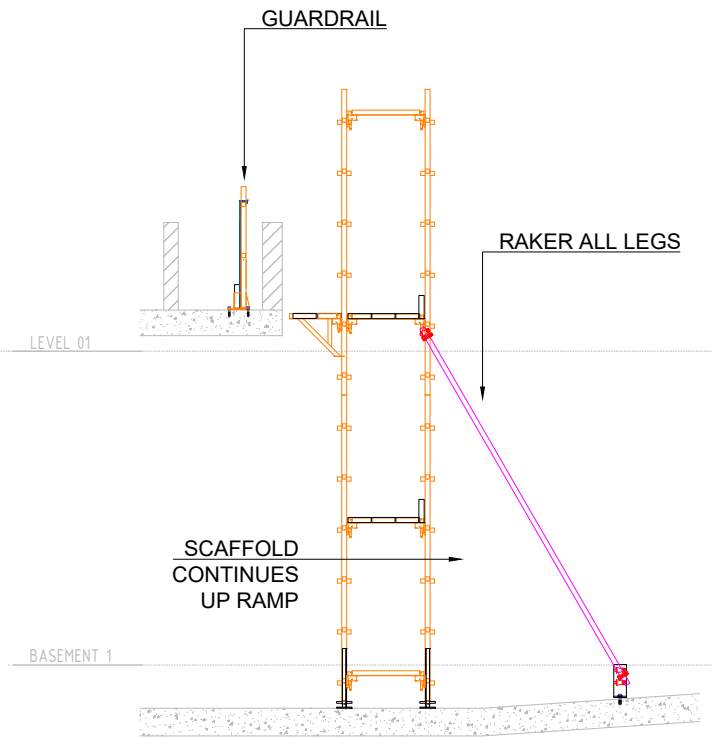
H SECTION
SCALE 1:75 @ A3



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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ACN: 605 969 926
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M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

I				
H				
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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 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.



FOR CONSTRUCTION

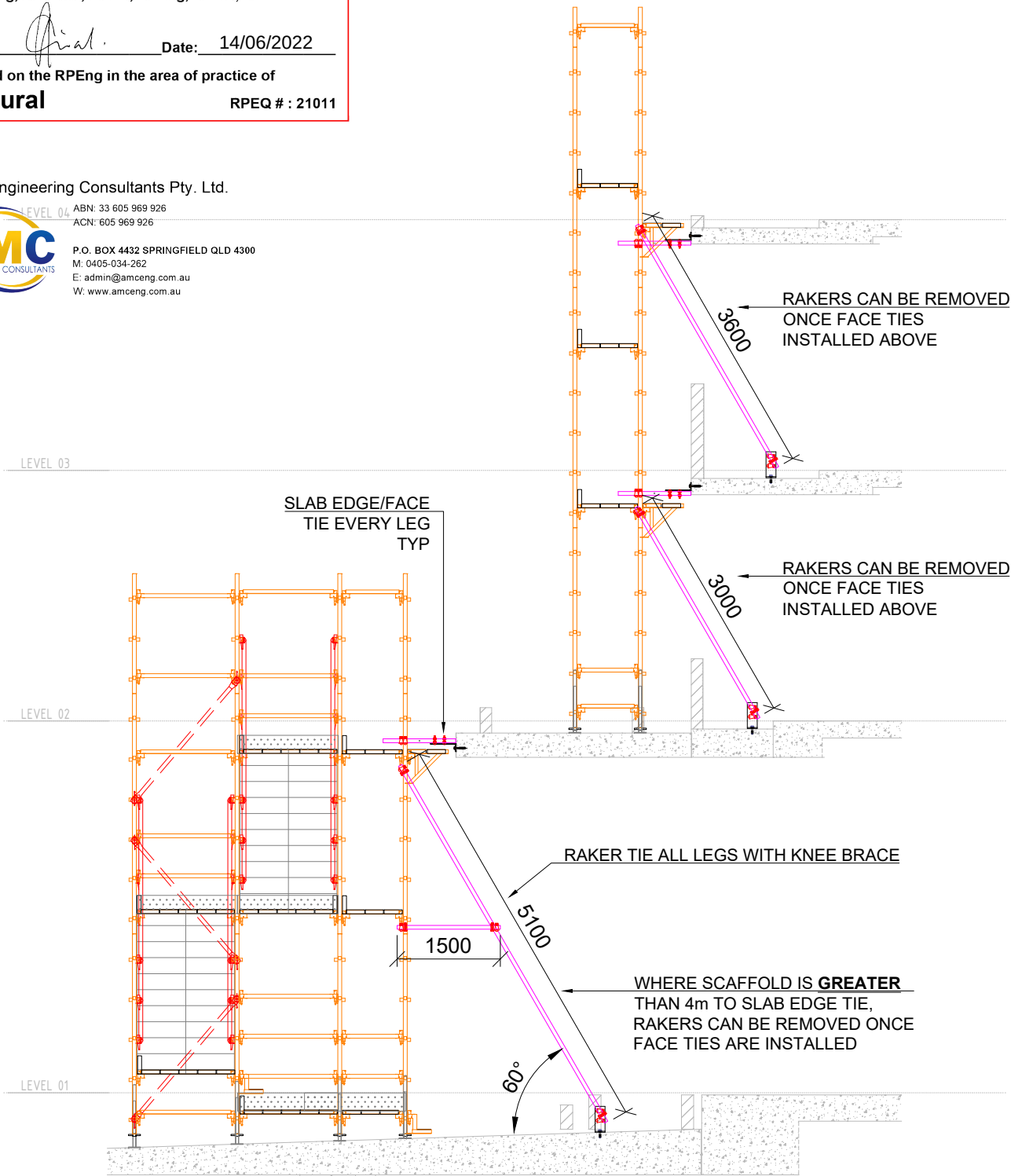
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - SECTIONS KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawing No.:	C320-02-02
	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au

APPROVED

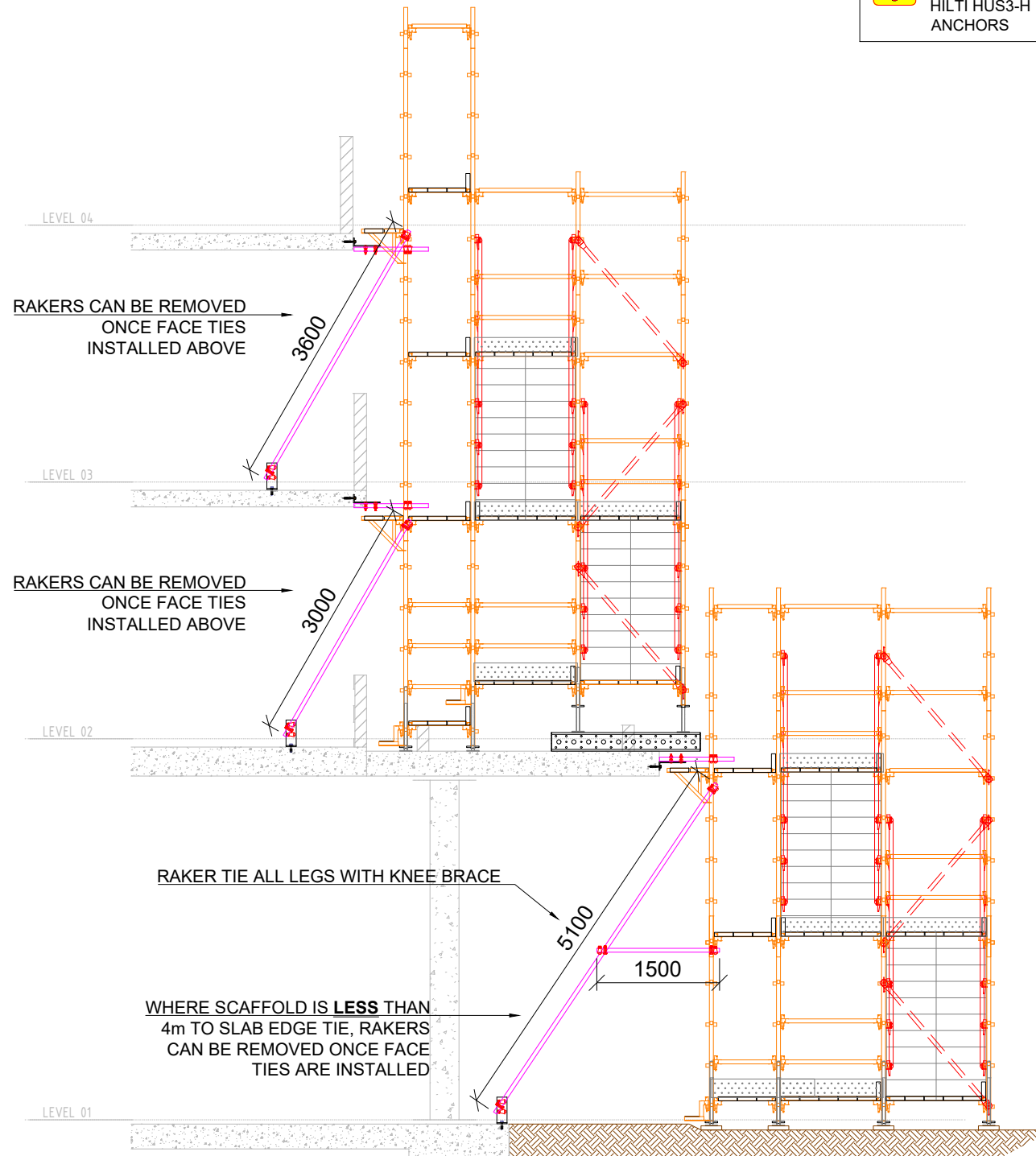
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: _____ Date: 14/06/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

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M SECTION
SCALE 1:75 @ A3



N SECTION
SCALE 1:75 @ A3

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

I				Drawing Notes				3. Foundations/Support				Maximum calculated Leg Load =.....0.0.....kN			
H				1. Cogent Scaffolding Copyright				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.			
G				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				Maximum calculated Tie Load =.....0.0.....kN			
F				2. Access				Working Lifts1.....No. @.....0.75.....kN/m ²				Tie Type >.....			
E				Additional Lifts1.....No. @.....0.75.....kN/m ²				Hop-Up Brackets1.....No. @.....0.75.....kN/m ²				Tie spacing to be as shown on drawing.			
D				3. Tying & Bracing				No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.				Responsibilities			
C				4. Design Output				This drawing should be read in conjunction with :-				Wherever possible, risk is designed out of this proposal during the design process.			
B				5. Wind				Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m ²				Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.			
A				FOR CONSTRUCTION				10/06/2022				RT			
Index				ADJUSTED AS PER CLIENT COMMENTS				13/05/2022				RT			
Revision				Date				drawn:				checked:			

SAQ

GLOBAL CERTIFICATION PTY LTD

JAS-ANZ

SCAFFOLDING ASSOCIATION QUEENSLAND

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: MIRVAC
QUAY WATERFRONT NEWSTEAD
PERIMETER SCAFFOLD - SECTIONS
KWIKSTAGE

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

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

Drawing No.: C320-02-04

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

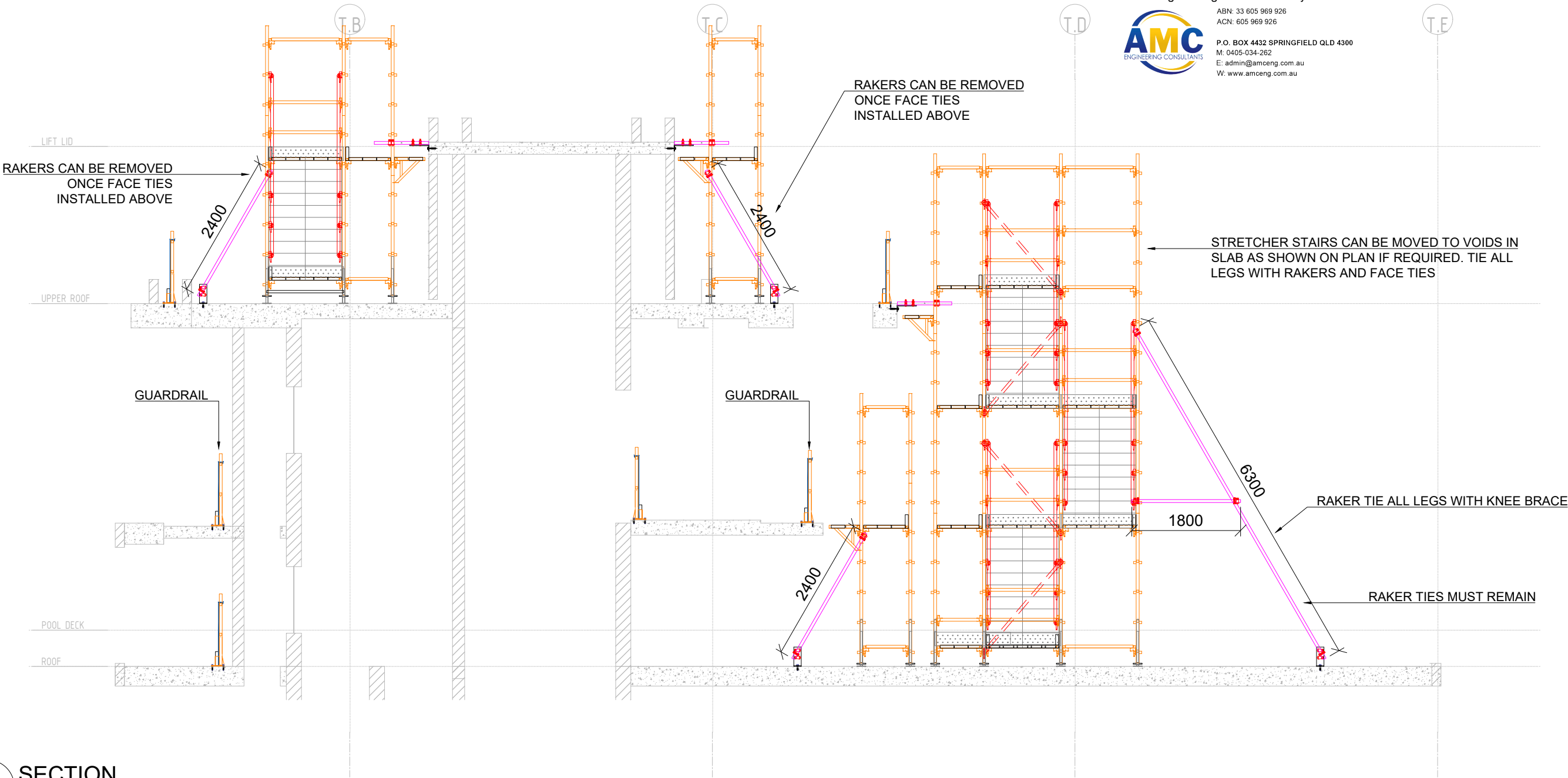
! ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
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O SECTION
-- SCALE 1:75 @ A3

I				
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G				
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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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Additional Lifts1.....No. @.....0.75.....kN/m²
Hop-Up Brackets1.....No. @.....0.75.....kN/m²

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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.

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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	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au
Drawn:	RT	
Date:	04/03/2022	
Comments:	-	
Drawing No.:	C320-02-05	B

RPEQ # : 21011

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