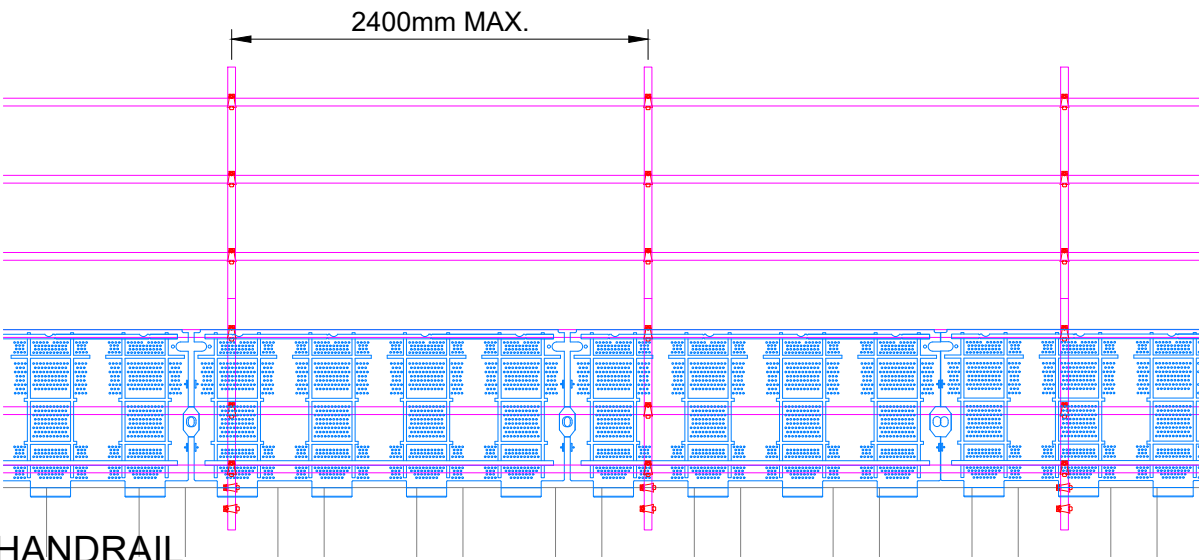
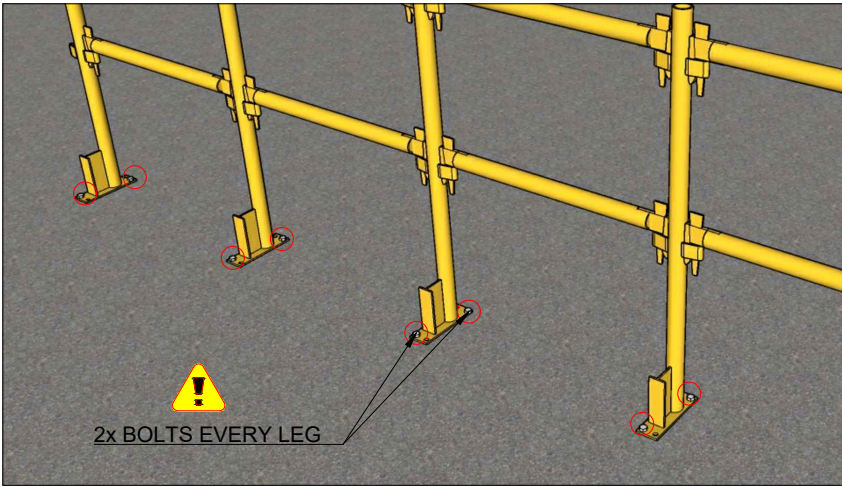
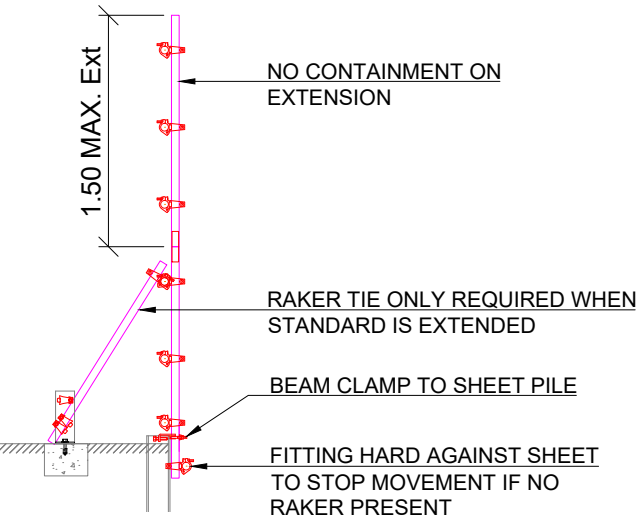


NOTES:

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



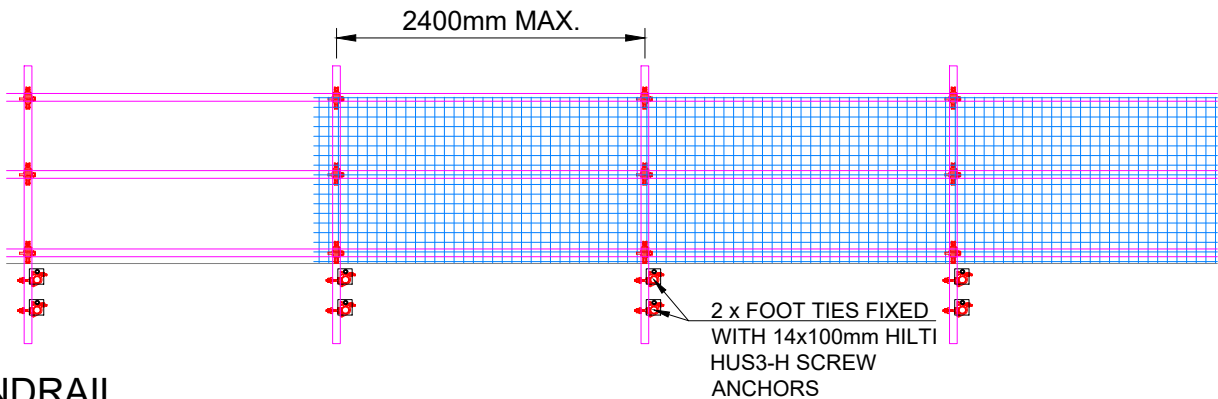
- SHEET PILE HANDRAIL
- SCALE 1:200 @ A3



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

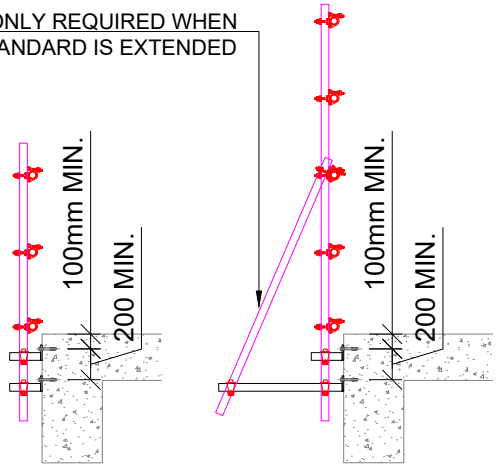
NOTES:

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

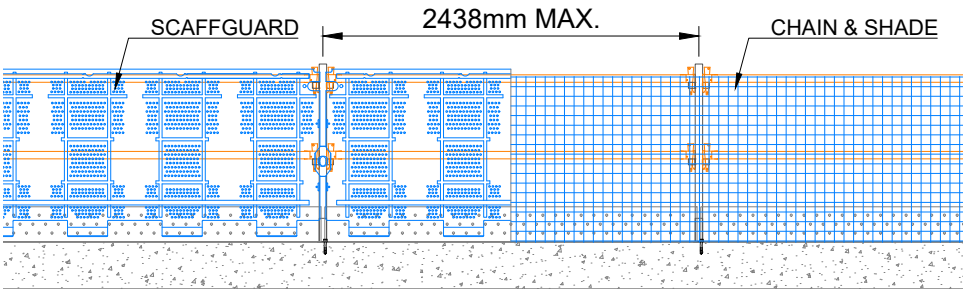


GENERAL HANDRAIL REQUIREMENTS

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.

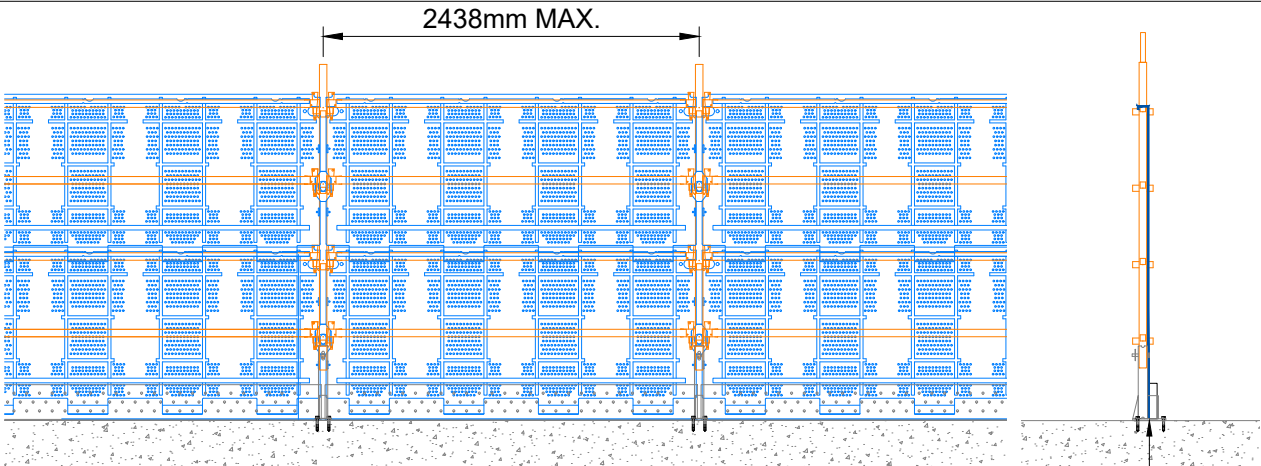
NOTES:

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.

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

ab

I				
H				
G				
F				
E				
D				
C				
B				
A				
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. 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.
3. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.
4. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
5. 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



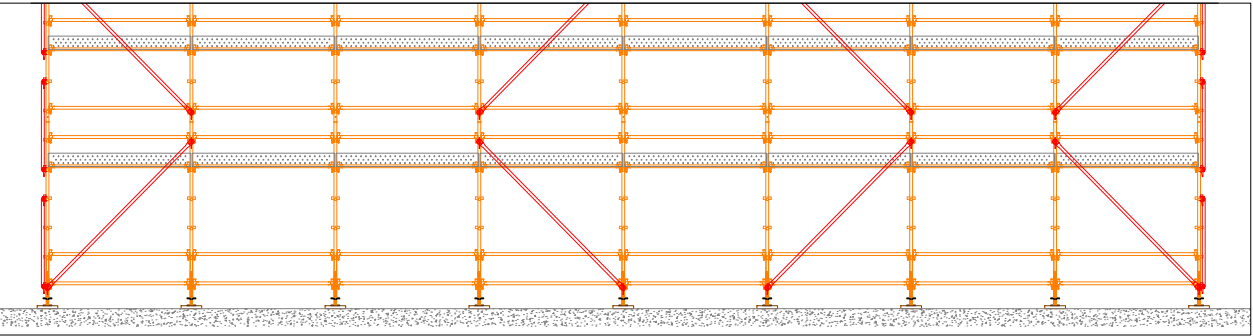
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



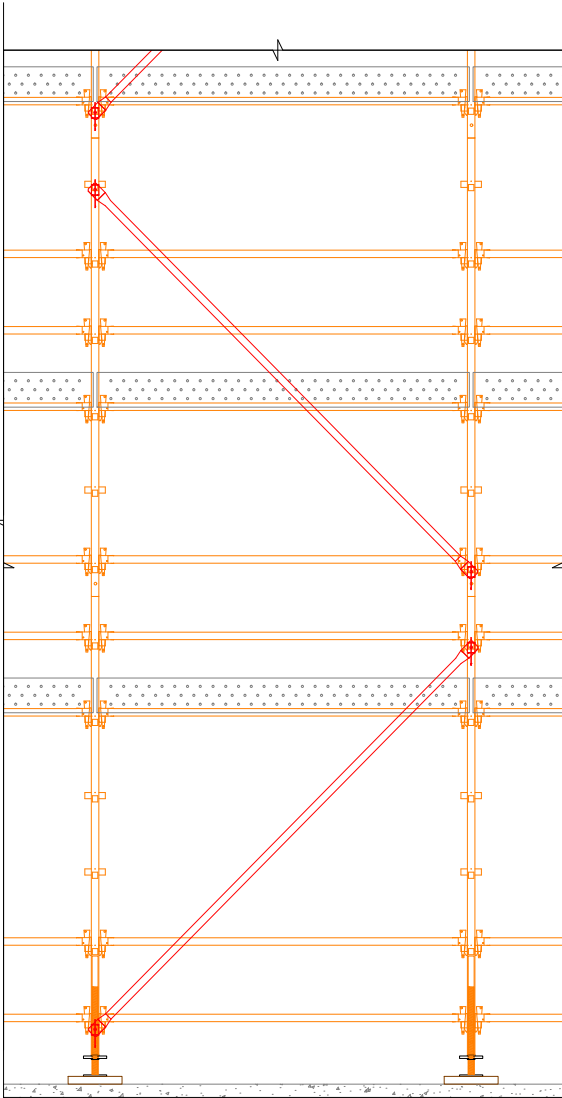
FOR CONSTRUCTION

Details:	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL HANDRAILS COGENT SCAFFOLDING
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

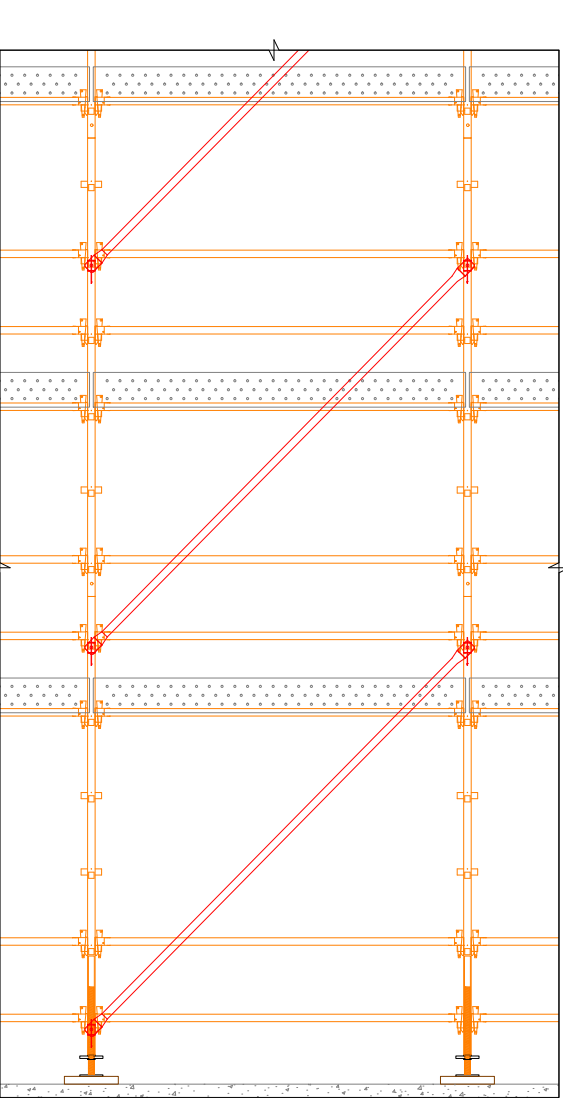
FACE BRACING



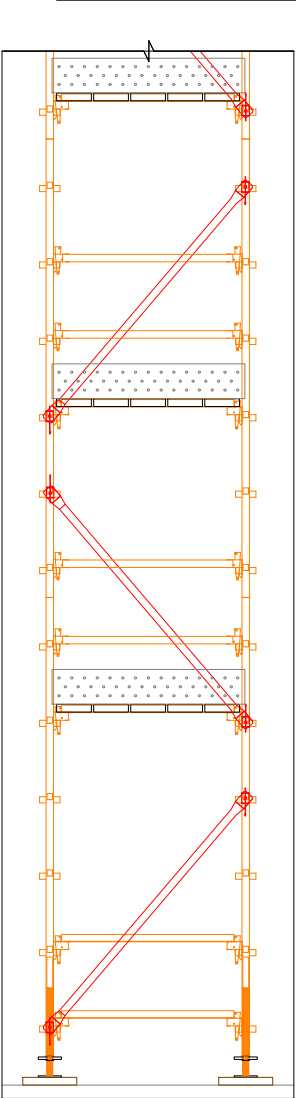
NOT TO SCALE - TYPICAL FACE BRACING FREQUENCY FRONT ELEVATION



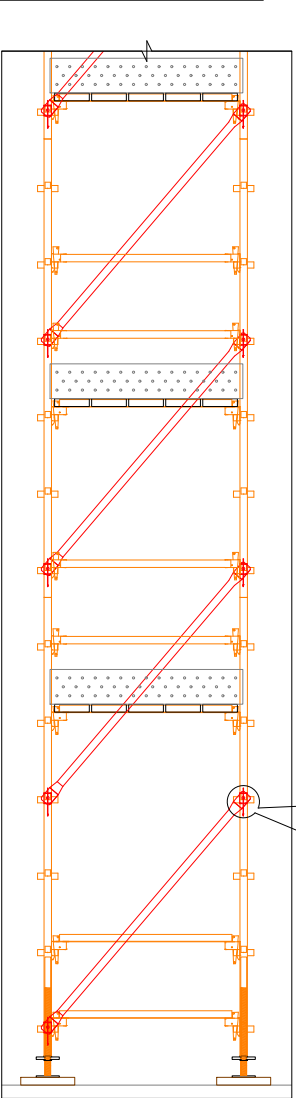
FRONT ELEVATION
ZIG ZAG FACE BRACE
SCALE 1:50 @ A3



FRONT ELEVATION
PARALLEL FACE BRACE
SCALE 1:50 @ A3



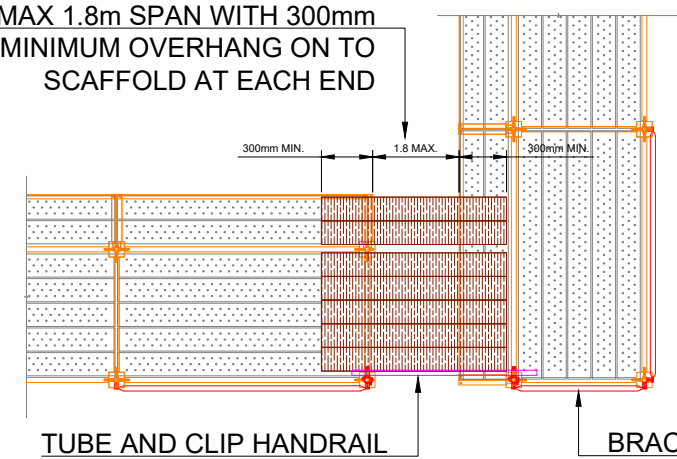
END ELEVATION
ZIG ZAG HEEL & TOE
SCALE 1:50 @ A3



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

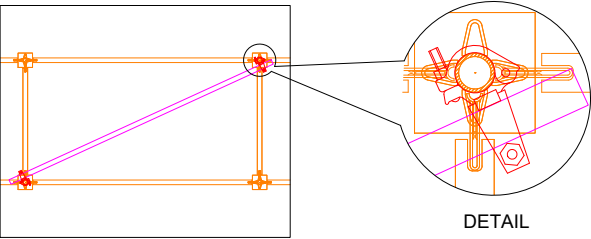


LAPPING RETURNS

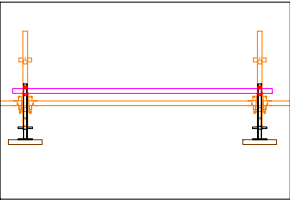


PLAN VIEW
LAPPED RETURN
SCALE 1:75 @ A3

PLAN BRACING



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



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

ab

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.

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

HEEL & TOE BRACING

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

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

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 Earnshaw Road
Banyo Qld 4014
Phone T 1300 550 149
info@cocentcaffolding.com.au

I					
H					
G					
F					
E					
D					
C					
B					
A					
Index	Revision	Date	drawn:	checked:	

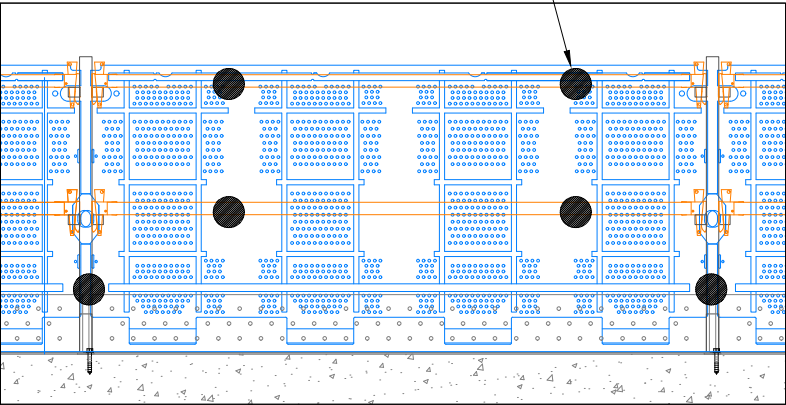
- Drawing Notes
- Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.
 - Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or 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.

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

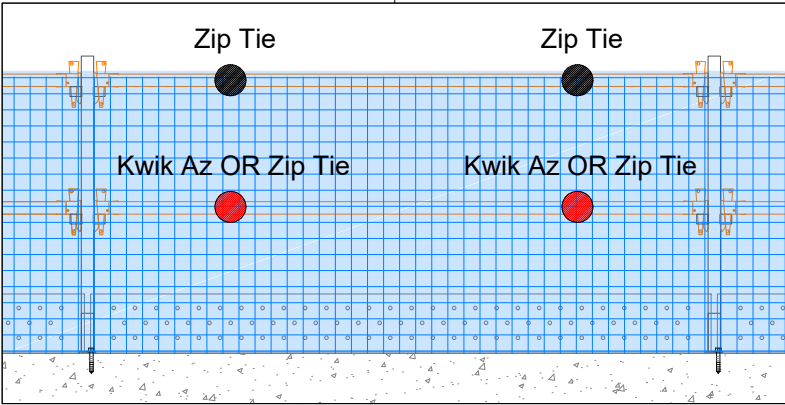
AMC Engineering Consultants Pty. Ltd.
ABN: 33 605 969 926
ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

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

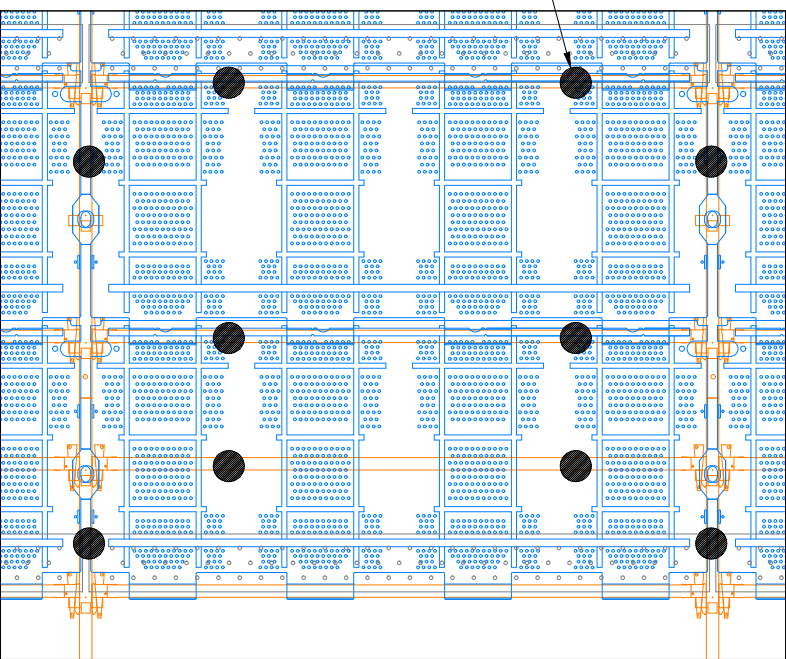


1m UNIMESH ELEVATION
SCALE 1:30 @ A3

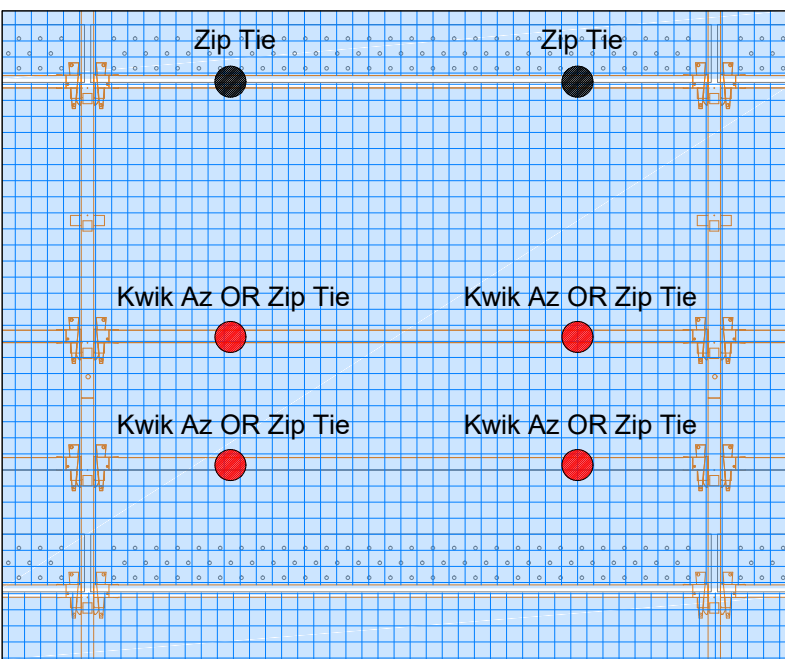
Bay	# Zips
2.4m	10
1.8m	10
1.2m	7
0.8m	7

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

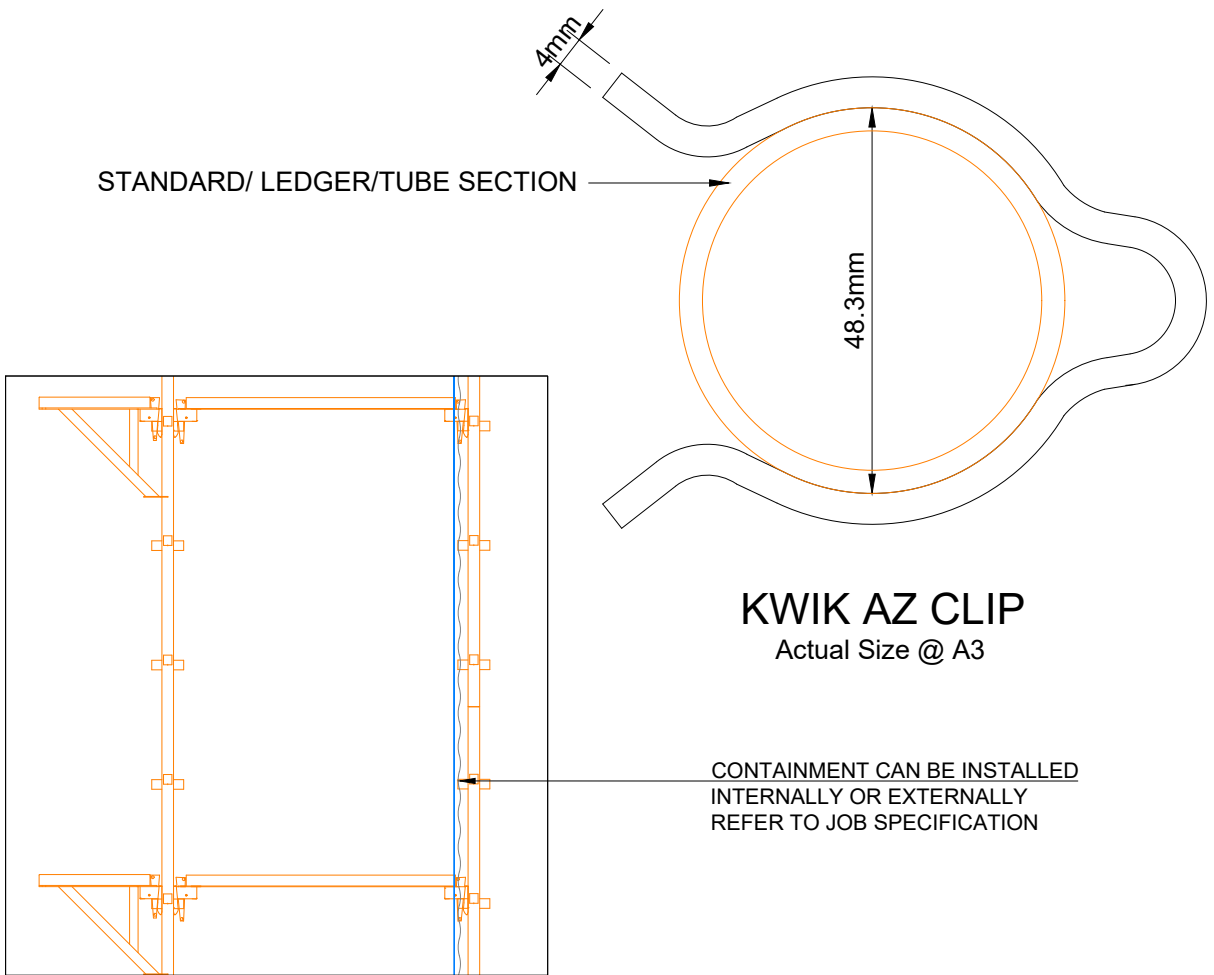
DENOTES ZIP TIE LOCATION



DOUBLE PLASTIC PANEL ELEVATION
SCALE 1:30 @ A3



2m UNIMESH ELEVATION
SCALE 1:30 @ A3

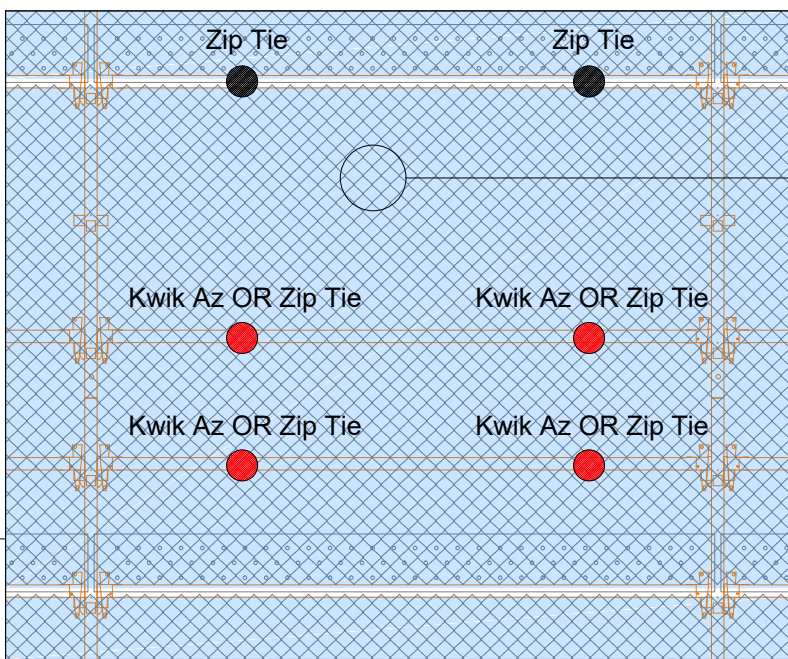


TYPICAL SECTION
Not To Scale

KWIK AZ CLIP
Actual Size @ A3

CONTAINMENT CAN BE INSTALLED
INTERNALLY OR EXTERNALLY
REFER TO JOB SPECIFICATION

SHADING DENOTES MESH
CHAINWIRE



Chain & Shade Detail

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

CHAIN & SHADE ELEVATION
SCALE 1:30 @ A3

ab

I	H	G	F	E	D	C	B	A	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. 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.
3. Tying & Bracing
No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.
4. Responsibilities
Wherever possible, risk is designed out of this proposal during the design process.
5. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.

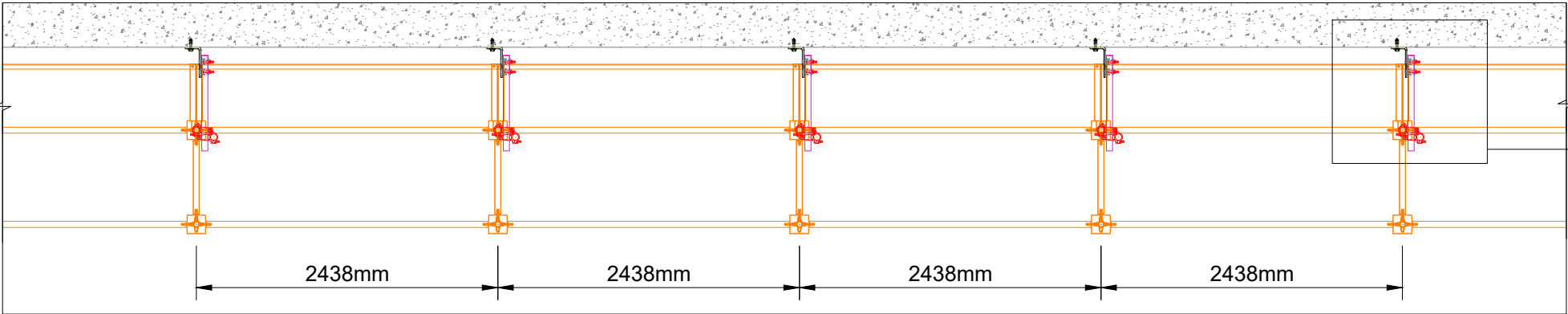
APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature:  Date: 17/08/2020
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

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

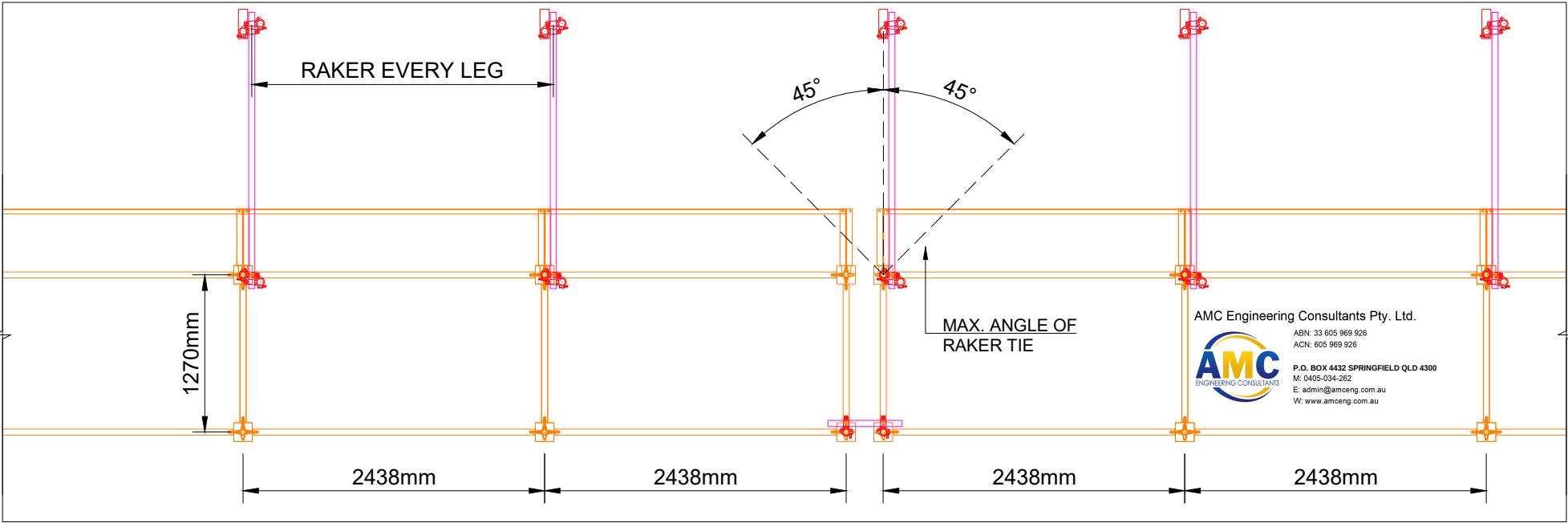
COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

FOR CONSTRUCTION

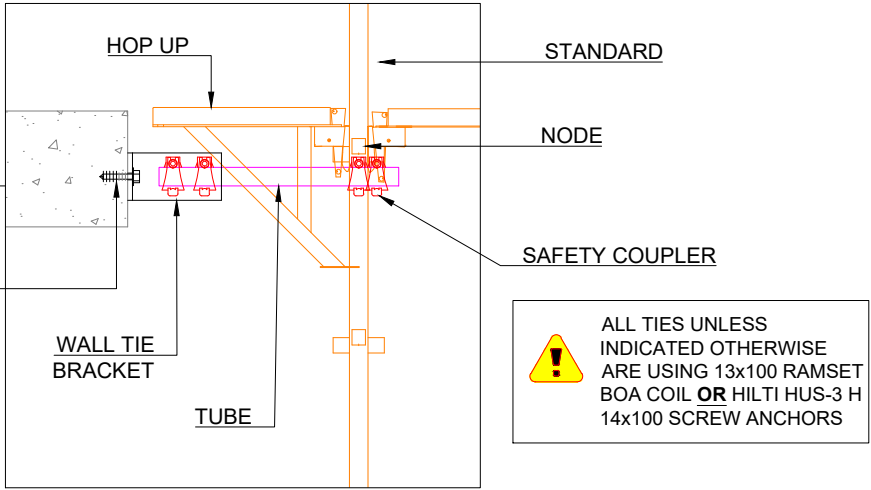
Details:	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL CONTAINMENT COGENT SCAFFOLDING	
Drawn:	RT	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cocentcaffolding.com.au
Date:	20/09/2019	
Comments:	-	
Drawing-No:	COG-TYP-03	



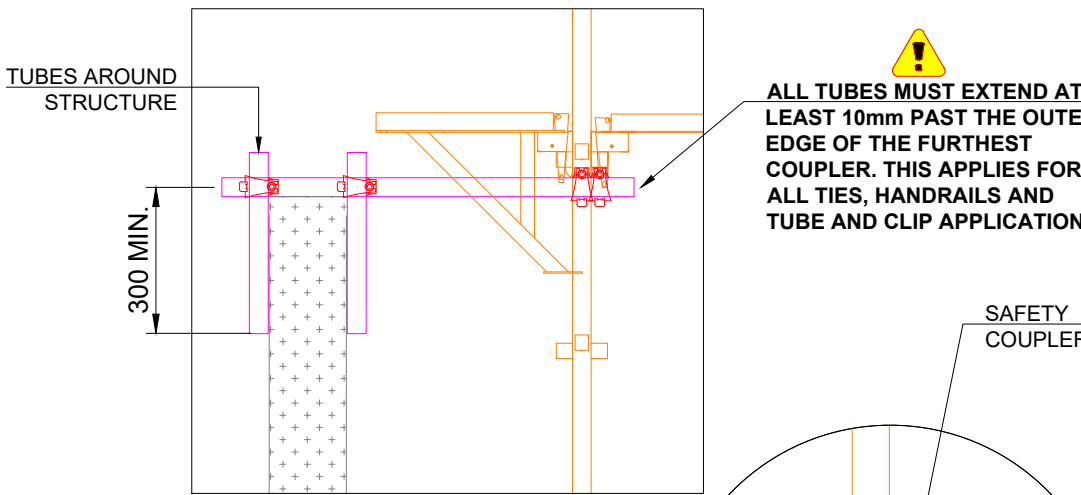
TYPICAL SINGLE LEG TIE PLAN
SCALE 1:50 @ A3



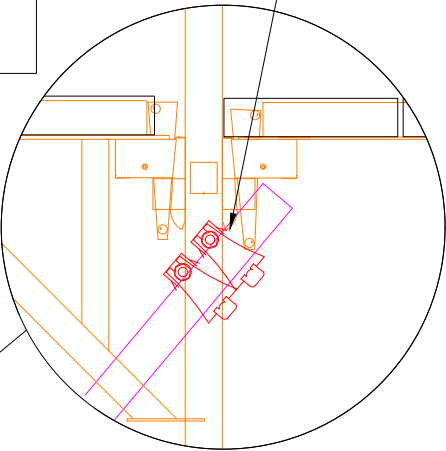
TYPICAL RAKER PLAN
SCALE 1:50 @ A3



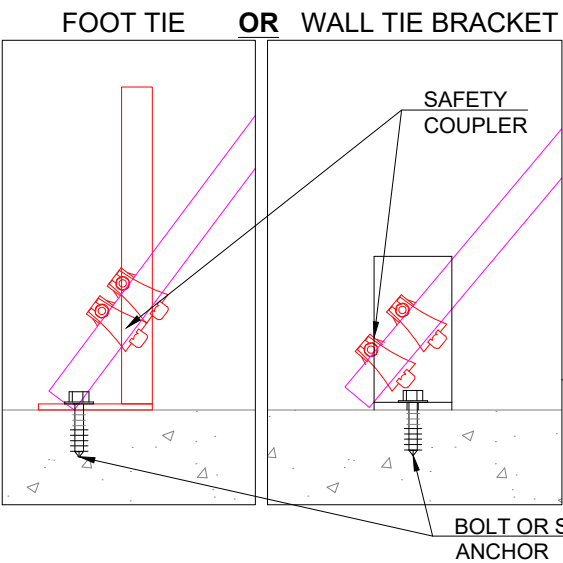
FACE TIE DETAIL



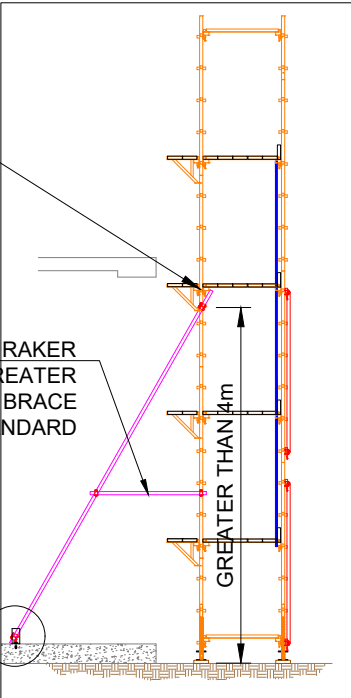
F-TIE DETAIL



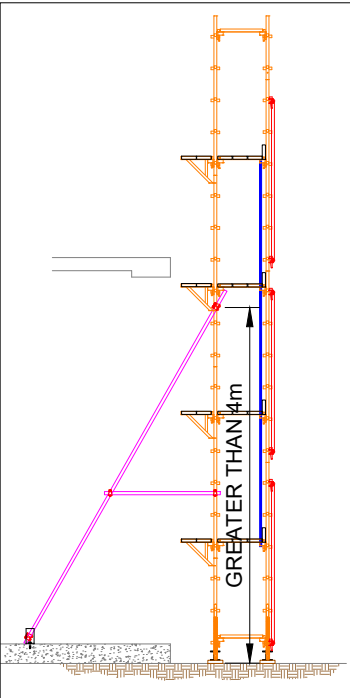
! TIE CONNECTION MUST BE WITHIN 300mm OF A NODE WITH A TRANSVERSE CONNECTION



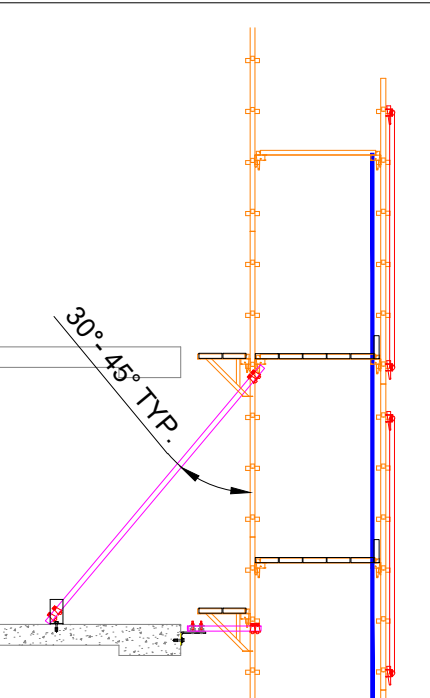
WHEN RAKER CONNECTION GREATER THAN 4m BACK BRACE TO STANDARD



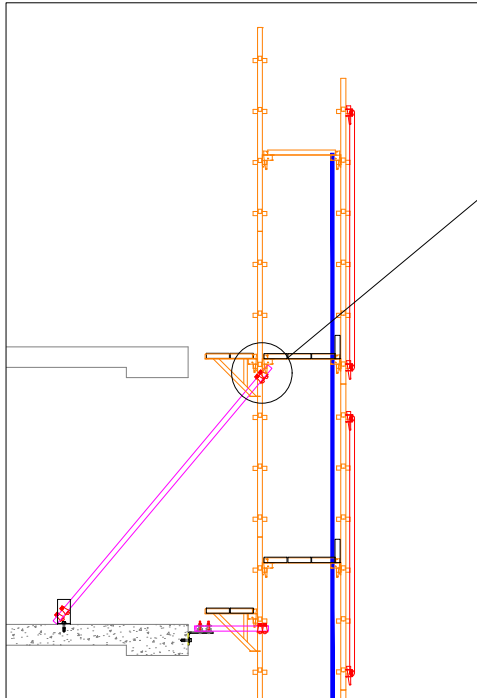
RAKER BASE - 5 BOARD



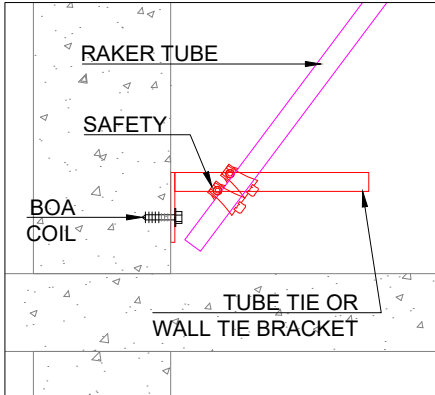
RAKER BASE - 3 BOARD



TOP UP - 5 BOARD



TOP UP - 3 BOARD



RAKER FACE FIX *ab*

Index	Revision	Date	drawn	checked
I				
H				
G				
F				
E				
D				
C				
B				
A				

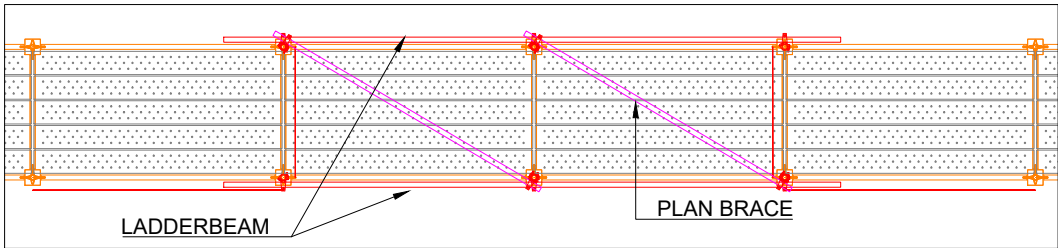
- Drawing Notes
- Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.
 - Foundations/Support
Where Cogent Scaffolding equipment is supported, suspended, anchored or tied to an existing structure or 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.

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

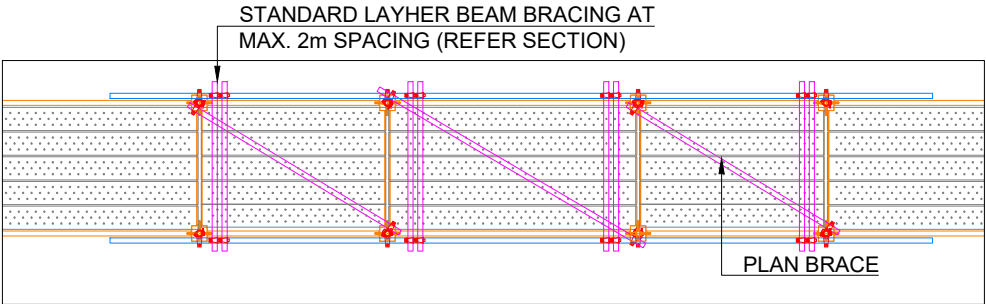
GLOBAL CERTIFICATION PTY LTD
SAQ SCAFFOLDING ASSOCIATION QUEENSLAND
QUALITY SAFETY
JAS-ANZ
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

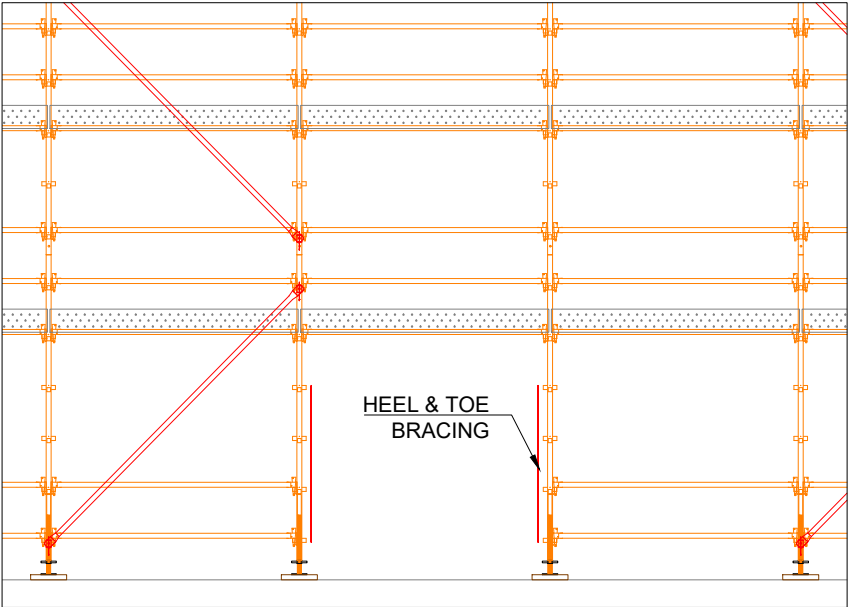
FOR CONSTRUCTION			
Details:	COGENT TYPICAL DESIGNS ALL PROJECTS TYPICAL TIES COGENT SCAFFOLDING		
Drawn:	RT	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@coagentscaffolding.com.au	
Date:	20/09/2019		
Comments:	-		
Drawing No:	COG-TYP-04		



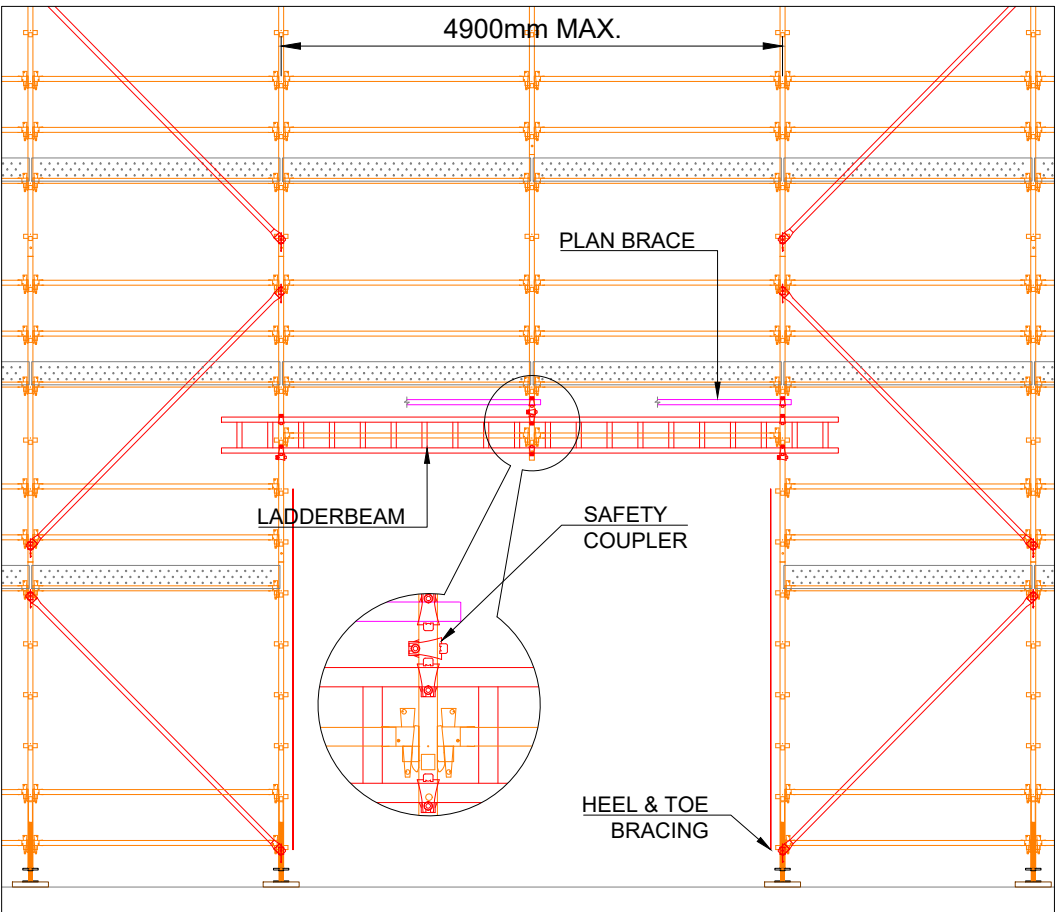
LADDERBEAM OPENING PLAN
SCALE 1:75 @ A3



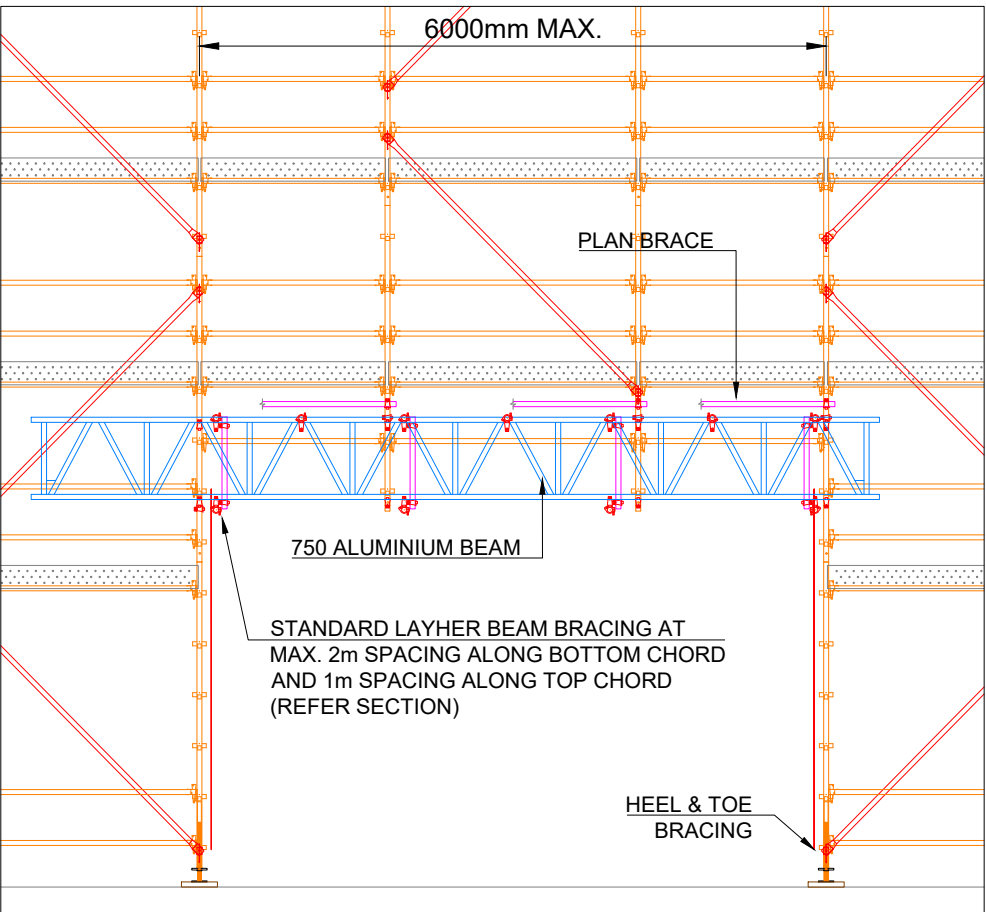
ALUMINIUM BEAM OPENING PLAN
SCALE 1:75 @ A3



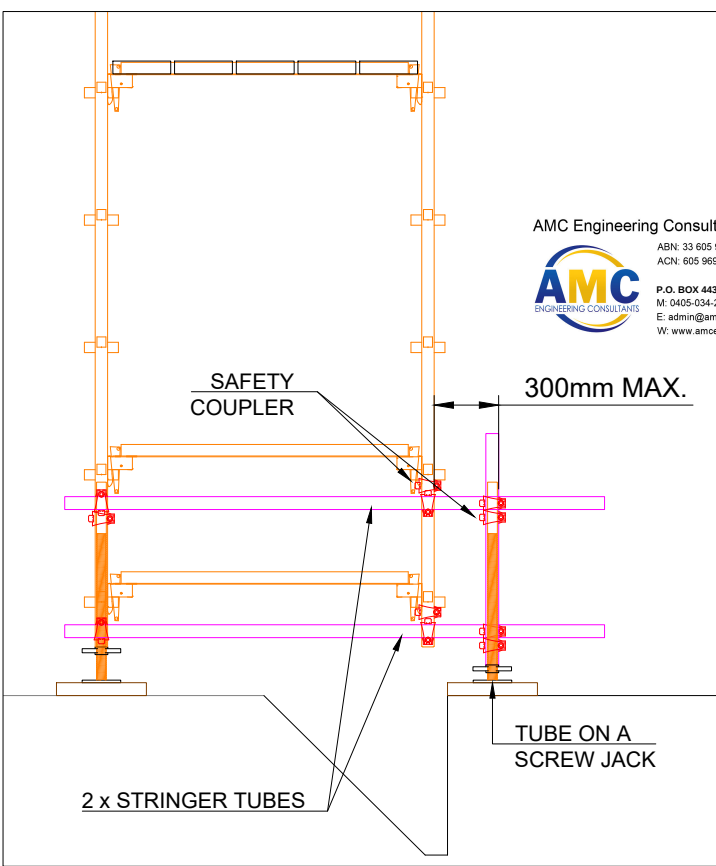
ACCESS OPENING
SCALE 1:75 @ A3



LADDERBEAM OPENING FRONT ELEVATION
SCALE 1:75 @ A3

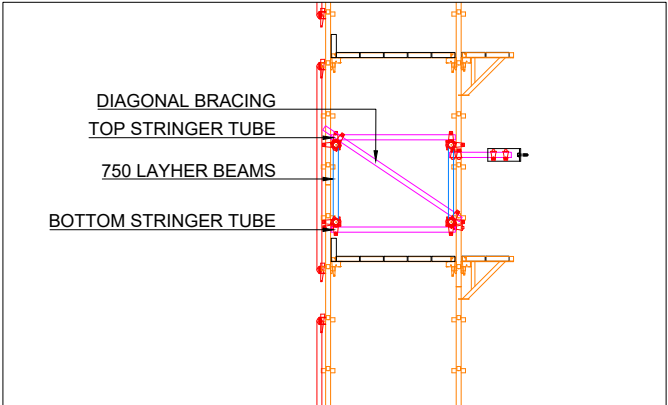


ALUMINIUM BEAM OPENING FRONT ELEVATION
SCALE 1:75 @ A3



DUMMY LEG
SCALE 1:30 @ A3

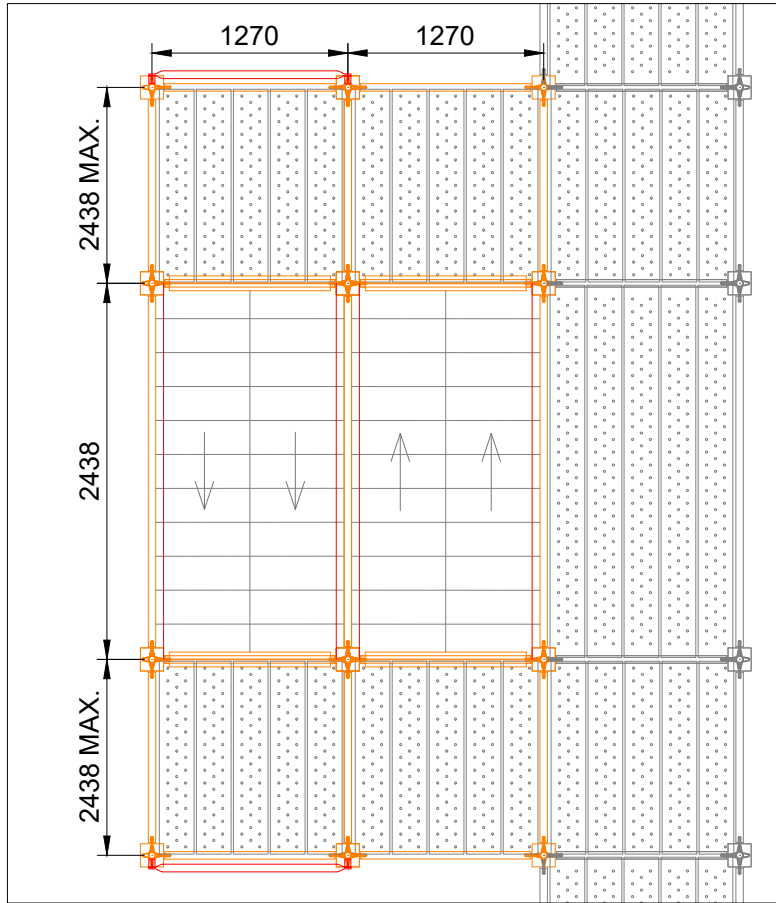
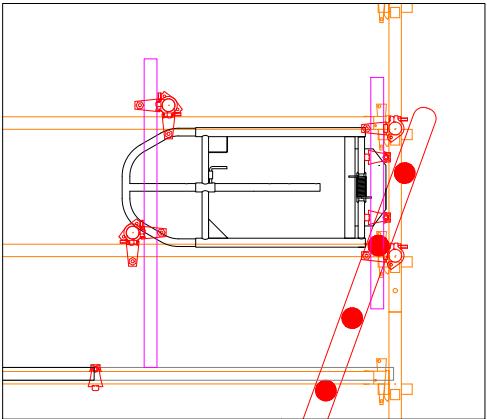
ONE SET (INSIDE LEG & OUTSIDE LEG) OF BEAMS WILL SUPPORT A MAXIMUM OF 5 WORKING DECKS.
A SET OF INSTALLED LADDER BEAMS ARE REQUIRED EVERY 5 DECKS. WHEN MORE THAN 5 DECKS ARE TO BE SUPPORTED, ADDITIONAL SETS OF LADDERBEAMS SHALL BE INSTALLED AT THE BASE ON TOP OF THE FIRST SET OF BEAMS.



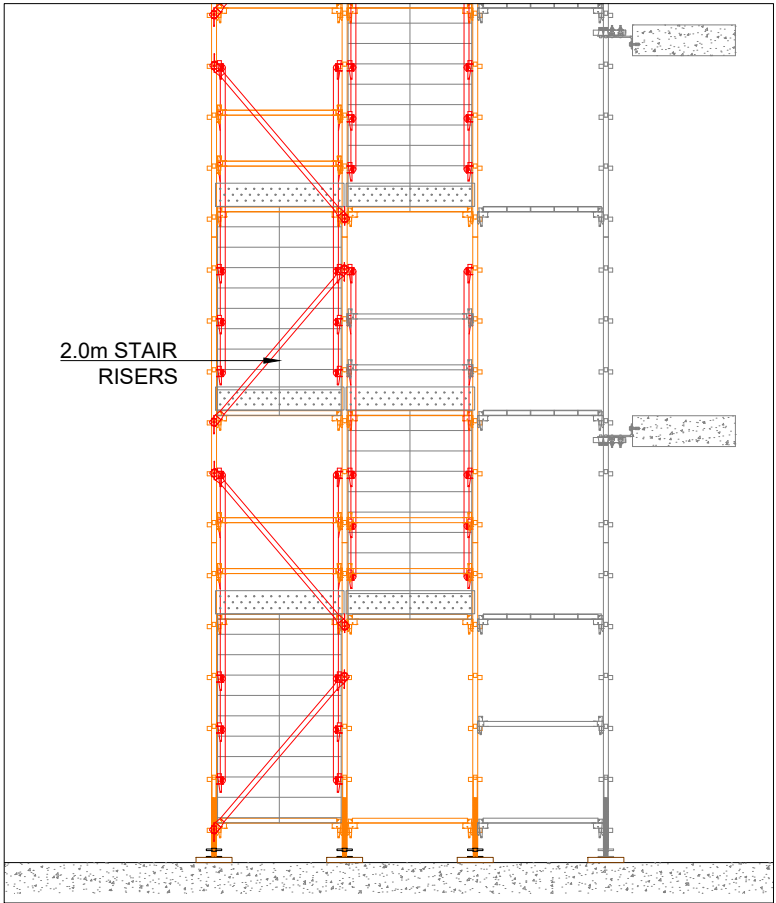
ALUMINIUM BEAM OPENING SECTION
SCALE 1:75 @ A3

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

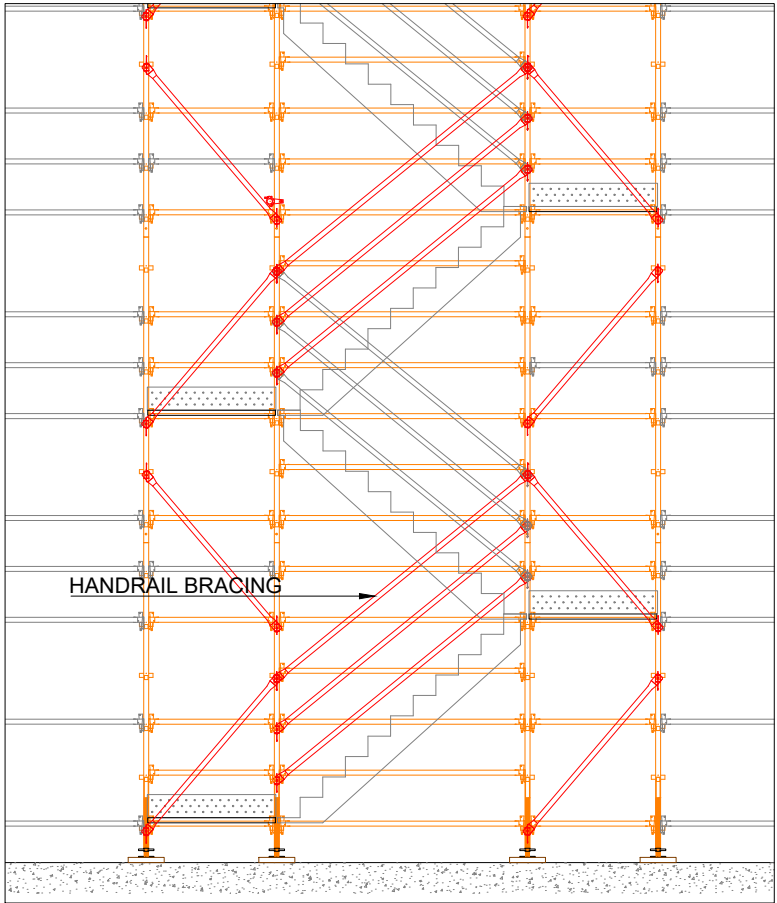
ACCESS GATE DETAIL



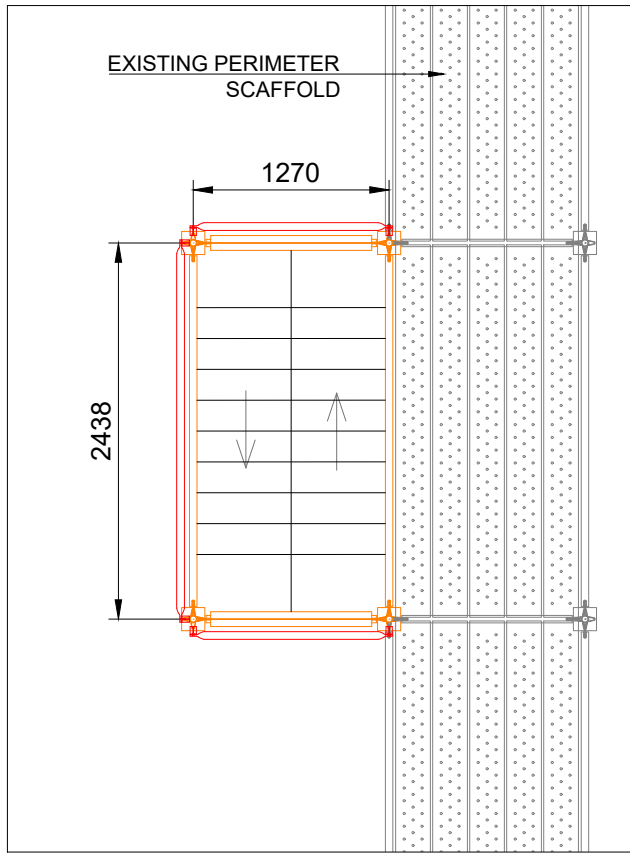
STRETCHER PLAN
STAIR HEIGHT UP TO 26.5m



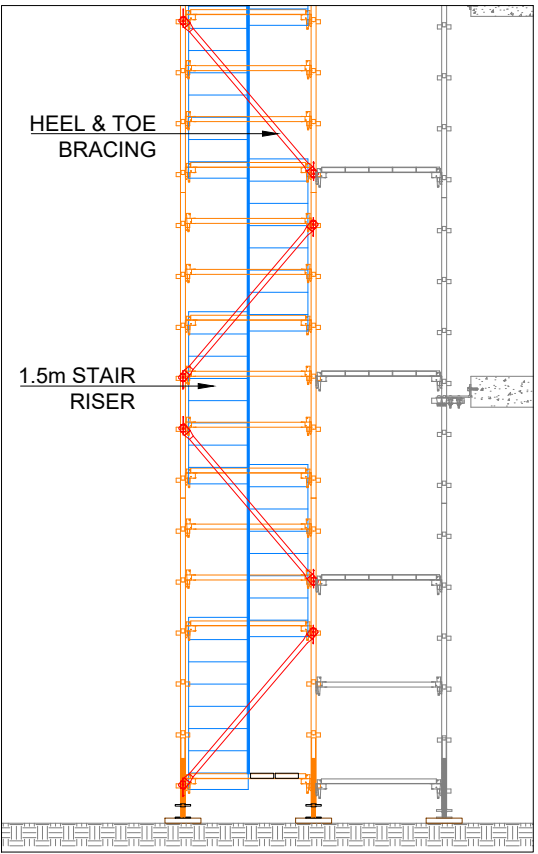
STRETCHER SIDE



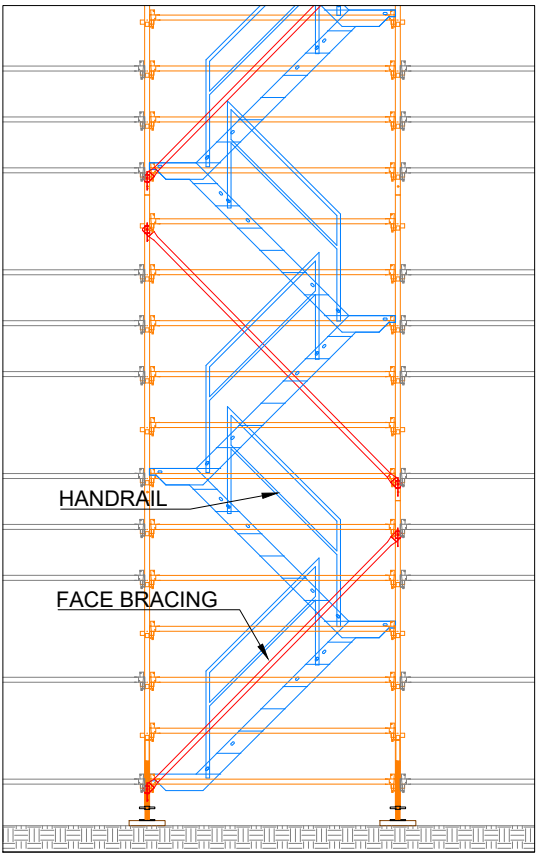
STRETCHER FRONT



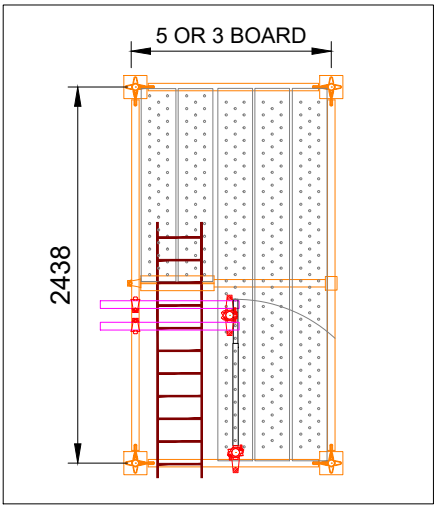
CONSTRUCTION STAIR PLAN
STAIR HEIGHT UP TO 35m



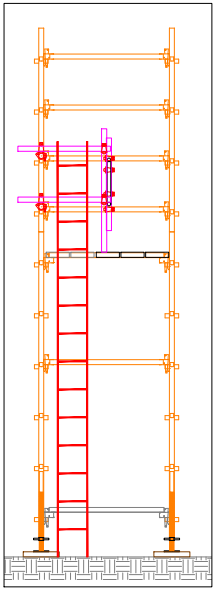
CONSTRUCTION STAIR SIDE



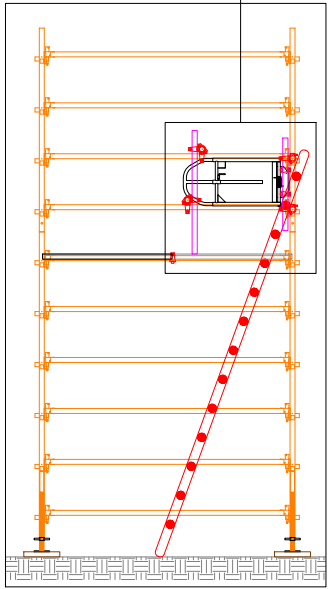
CONSTRUCTION STAIR FRONT



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.

ab

Index	Revision	Date	drawn	checked
I				
H				
G				
F				
E				
D				
C				
B				
A				

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.
- 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

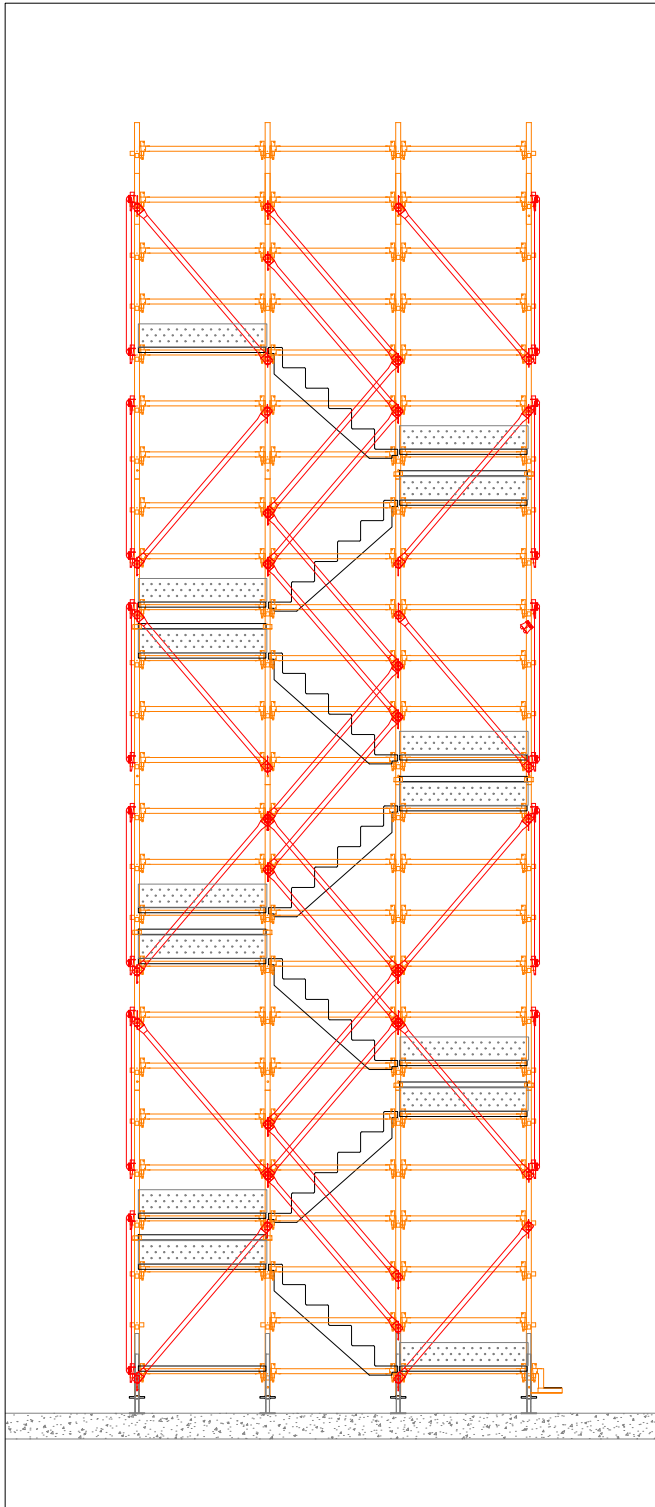


ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254



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 550 145 info@coagentscaffolding.com.au



1m STRETCHER FRONT

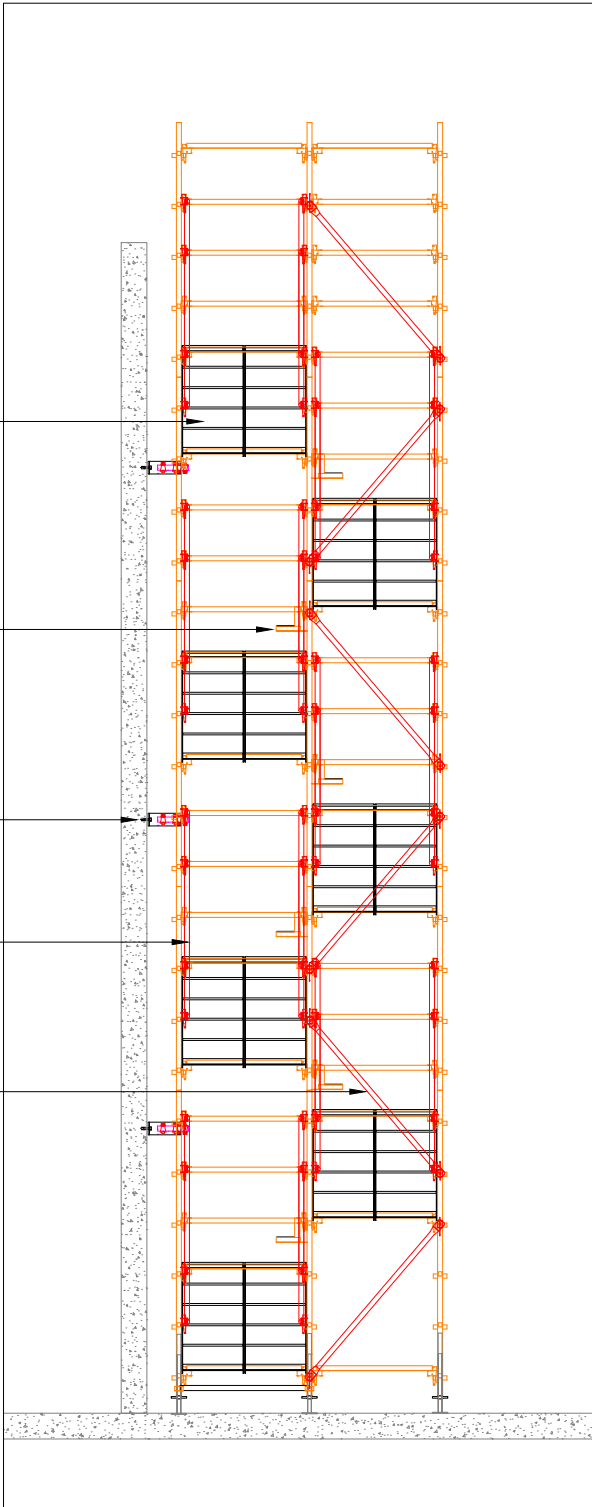
1m STRETCHER
STAIR PANS

STEP DOWN
BRACKETS
BETWEEN
LANDINGS

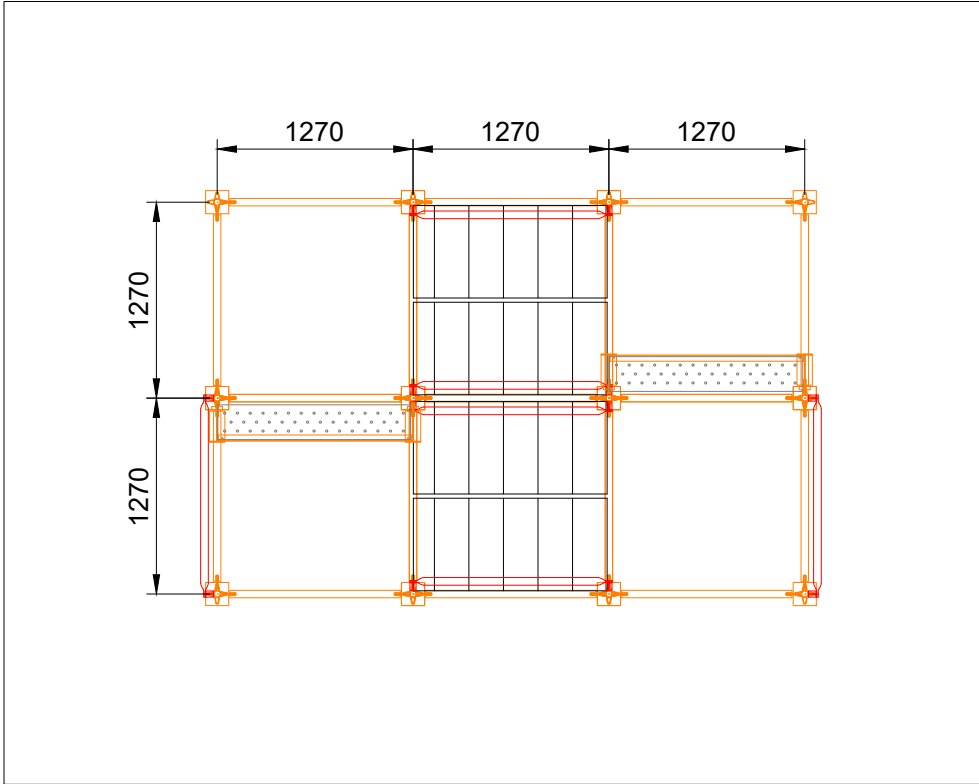
TIES TO
STRUCTURE

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
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.

ab

Index	Revision	Date	drawn	checked
I				
H				
G				
F				
E				
D				
C				
B				
A				

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.
- 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: _____ 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

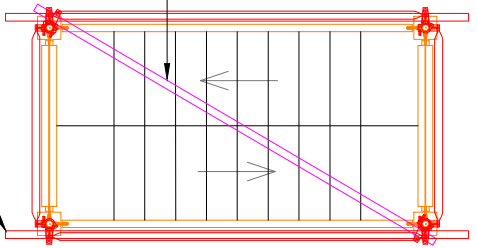
Drawn: RT	COGENT SCAFFOLDING
Date: 20/09/2019	Unit 6, 368 Earnshaw Road
Comments: -	Banyo Qld 4014
	Phone T 1300 550 149
	info@cocentcaffolding.com.au
Drawing No: COG-TYP-07	



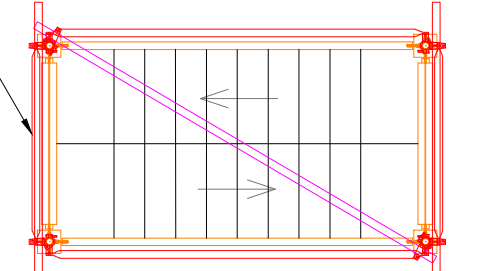
DESIGN COVERS ALL STAIR HEIGHTS UP TO 10.5m



PLAN BRACING MUST BE INSTALLED AT TOP AND BASE OF SCAFFOLD. EVERY BAY



CONSTRUCTION STAIR PLAN



ALTERNATIVE BEAM LOCATION



ALL STANDARD JOINS MUST BE SPLICED. REID BAR OR TUBE AND SWIVEL



ALL JACKS MUST BE SLICED. REFER DETAIL



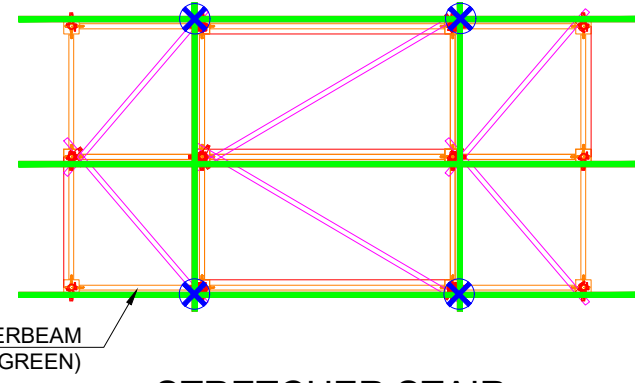
SCAFFOLD MUST BE TIED AT ALL TIMES WHEN NOT BEING LIFTED BY THE CRANE TO PREVENT COLLAPSE



ALL SCAFFOLD MUST BE TIED TO STRUCTURE WITH RAKERS OR SLAB TIES. SCAFFOLD MUST NOT EXCEED 4m IN HEIGHT PAST THE LAST TIE

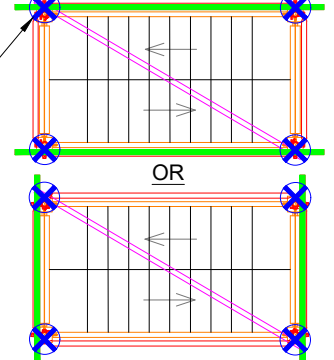


MANDATORY LADDERBEAM LOCATIONS FOR CRANE LIFTING

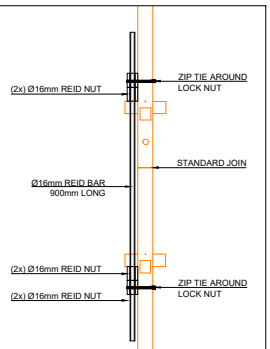


STRETCHER STAIR

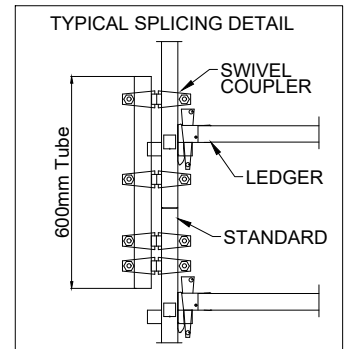
INDICATES LIFTING POINT



CONSTRUCTION STAIR



REID SPLICE

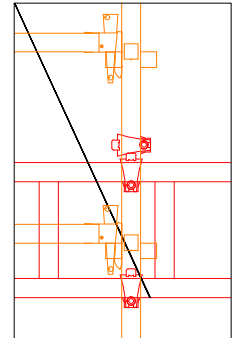
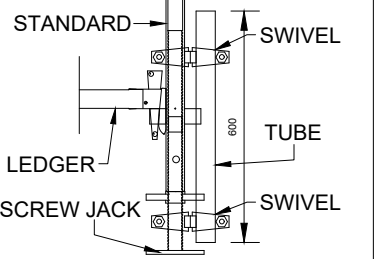


TUBE SWIVEL SPLICE



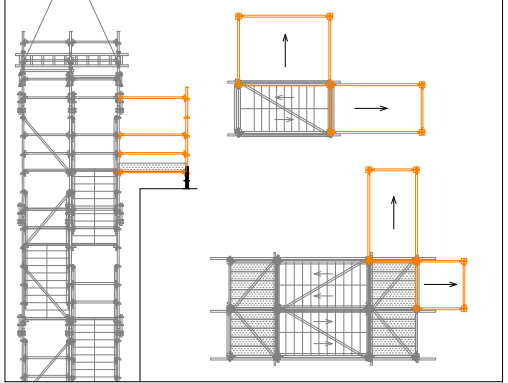
EVERY JOIN SPLICED, NO EXCEPTIONS, AS PER DETAIL.

CRANEABLE SCREW JACK



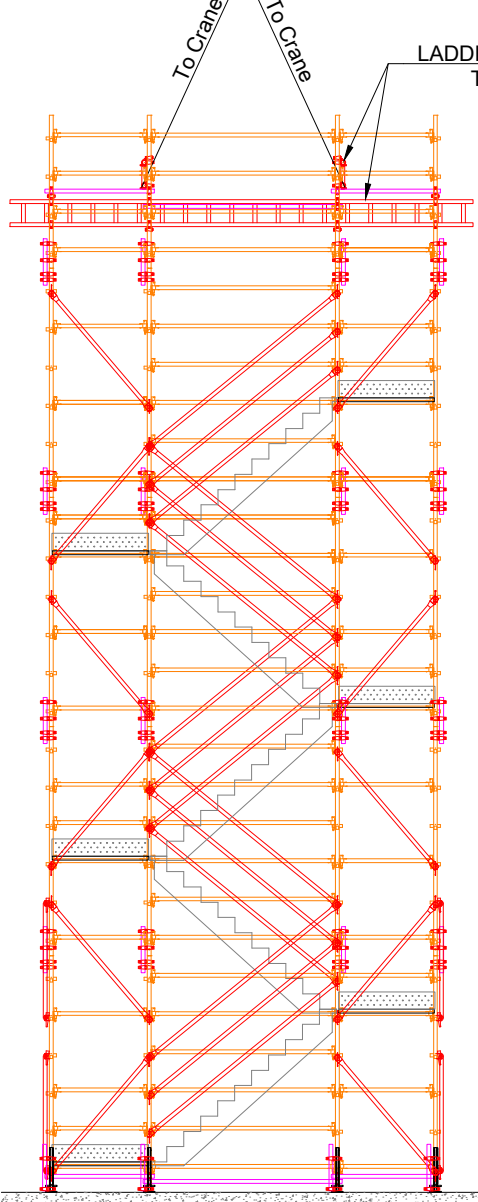
TYP. SAFETY

USE SAFETY COUPLERS ON ALL LADDERBEAM CONNECTIONS

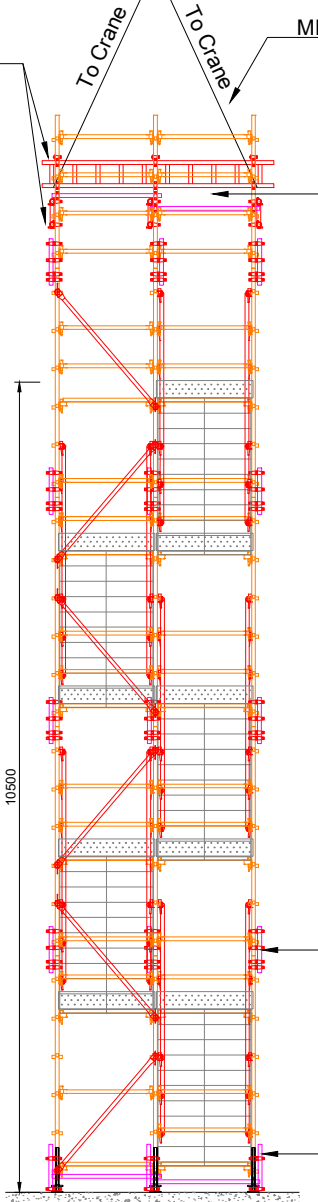


BRIDGING BAYS

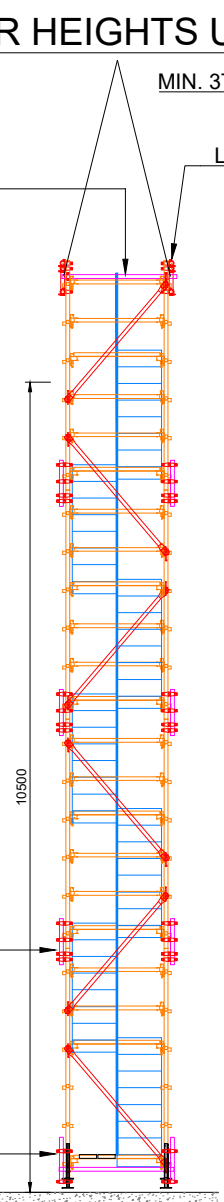
ANY STANDARD SIZE BAY CAN BE USED TO BRIDGE OVER TO STRUCTURE WHEN STAIR IS STATIONARY



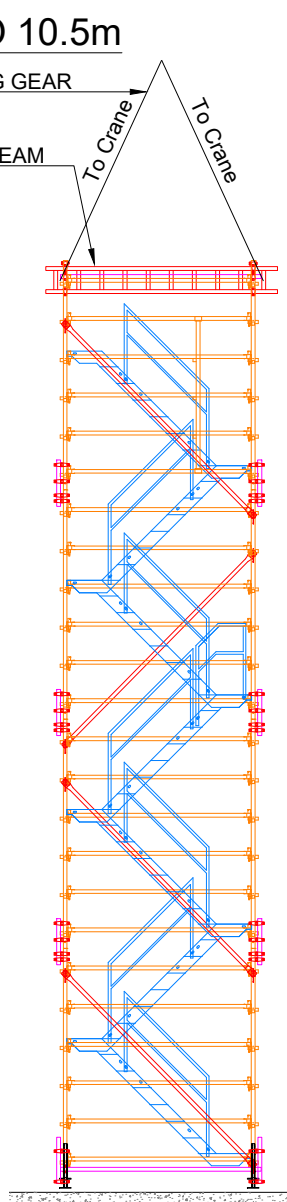
SS ELEVATION 01



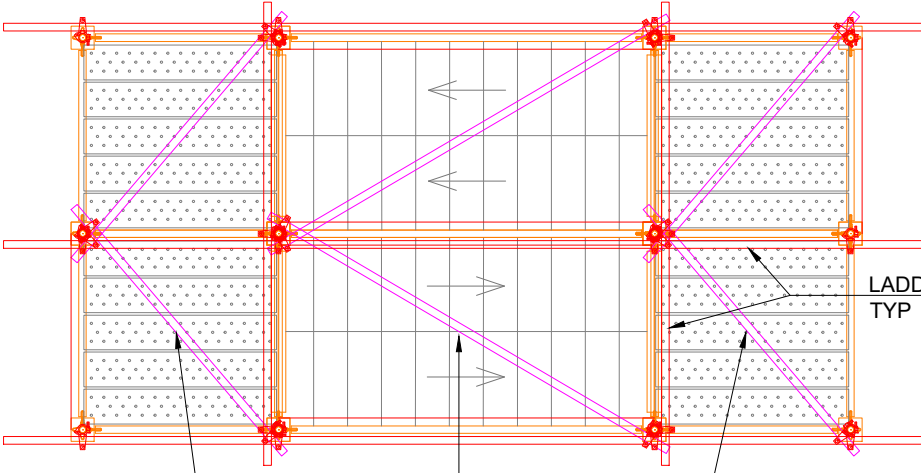
SS ELEVATION 02



CS ELEVATION 01



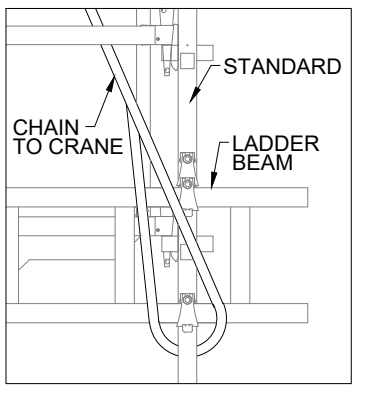
CS ELEVATION 02



PLAN BRACING MUST BE INSTALLED AT TOP AND BASE OF SCAFFOLD. EVERY BAY

STRETCHER PLAN

CHAIN TO CRANE CONNECTION



ab

Index	Revision	Date	drawn:	checked:
A	REID BAR ADDED	08/09/2020	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.
 - 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.
ABN: 33 605 969 828
ACN: 605 969 828
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

APPROVED
Registered Professional Engineer of Professional Australia
Arnel M. Climaco
E: 303-000-0000, 303-000-0000, 303-000-0000
Signature: [Signature]
Date: 10/09/2020
RPECA # 12111

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

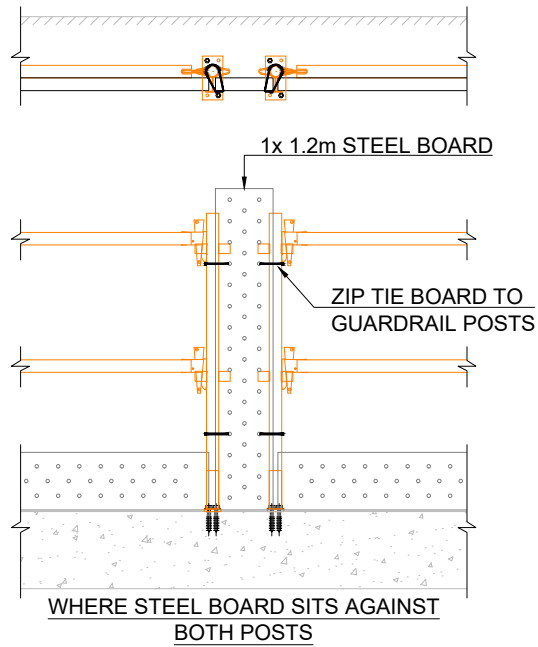
FOR CONSTRUCTION

Details: COGENT TYPICAL DESIGNS
ALL PROJECTS
CRANEABLE ACCESS
COGENT SCAFFOLDING

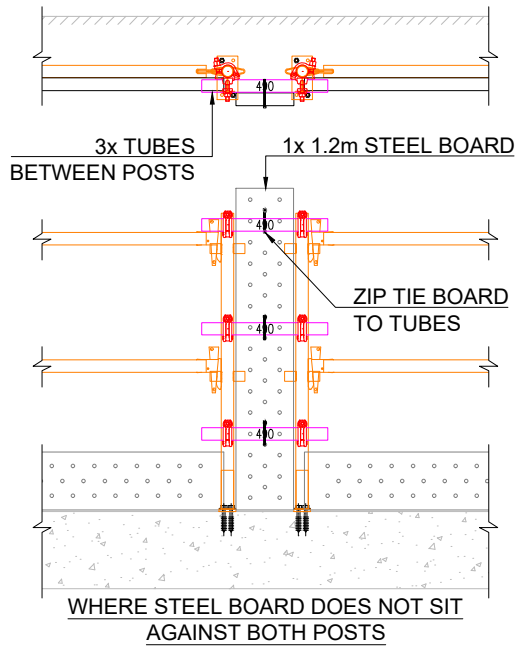
Drawn: RT
Date: 20/09/2019
Comments: -

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

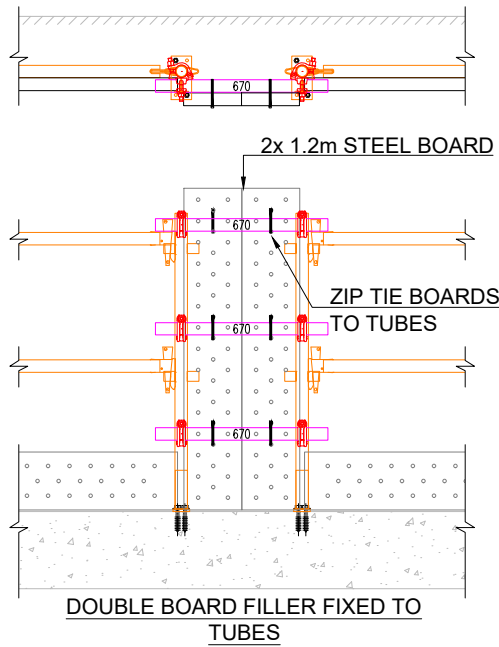
Drawing-No: COG-TYP-08



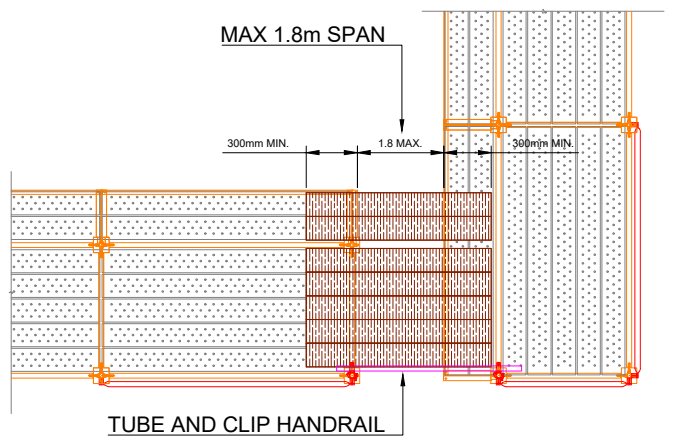
- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3

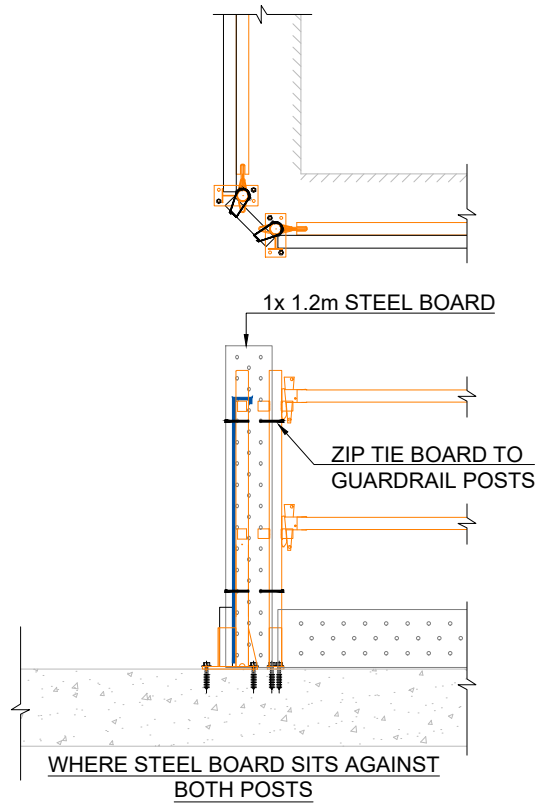


- LAPPED RETURNS
- SCALE 1:30 @ A3

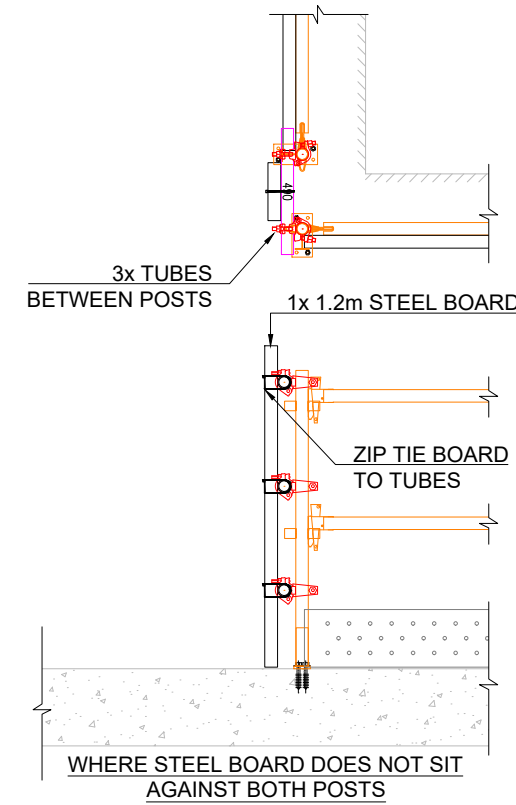
APPROVED

Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: _____ Date: 31/01/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

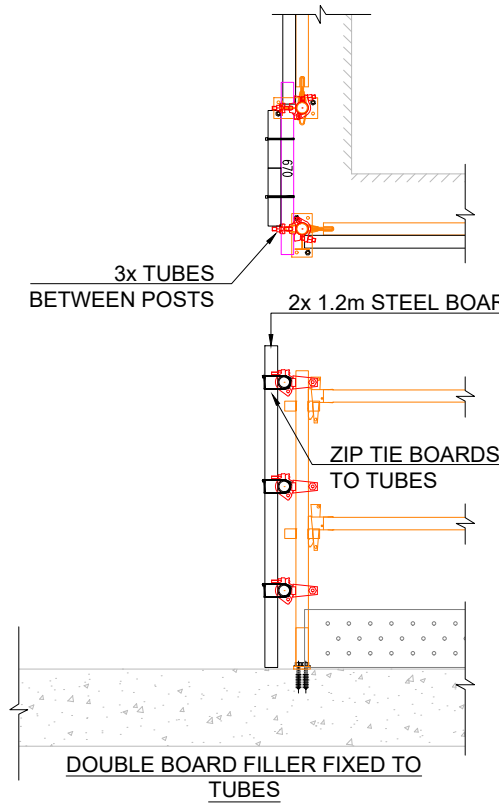
AMC Engineering Consultants Pty. Ltd.
ABN: 33 605 969 926
ACN: 605 969 926
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3



- STEEL BOARD FILLERS
- SCALE 1:30 @ A3

I				
H				
G				
F				
E				
D				
C				
B				
A				
Index	Revision	Date	drawn:	checked:

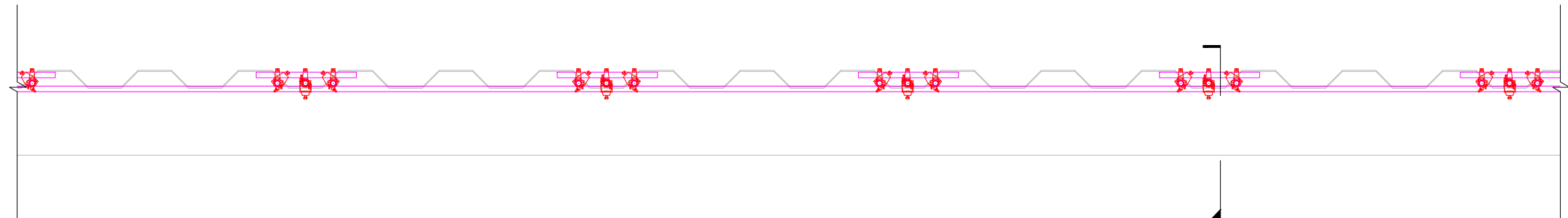
Drawing Notes

- 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.

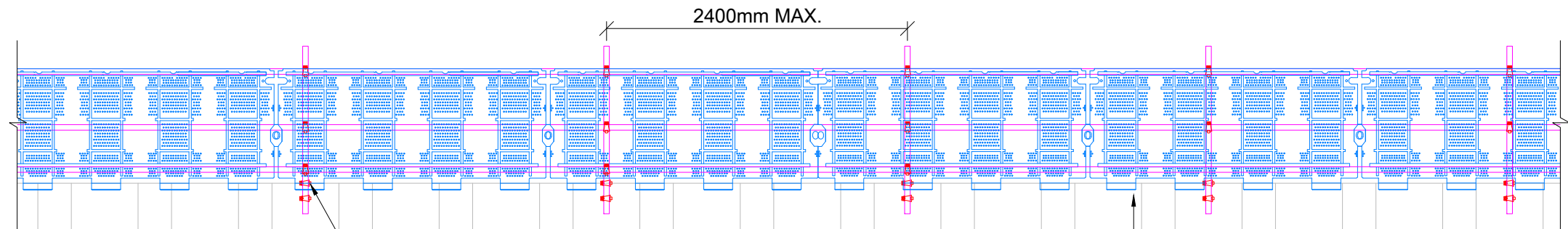
GLOBAL CERTIFICATION PTY LTD
JAS-ANZ
SAQ
COGENT SCAFFOLDING ASSOCIATION QUEENSLAND
QUALITY SAFETY
www.jas-anz.com.au/register
ISO 9001:2015 & AS/NZS 4801:2001
CERTIFIED COMPANY : Registration Number: 254

COGENT SCAFFOLDING
Specialists in Scaffolding Solutions

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



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



A 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

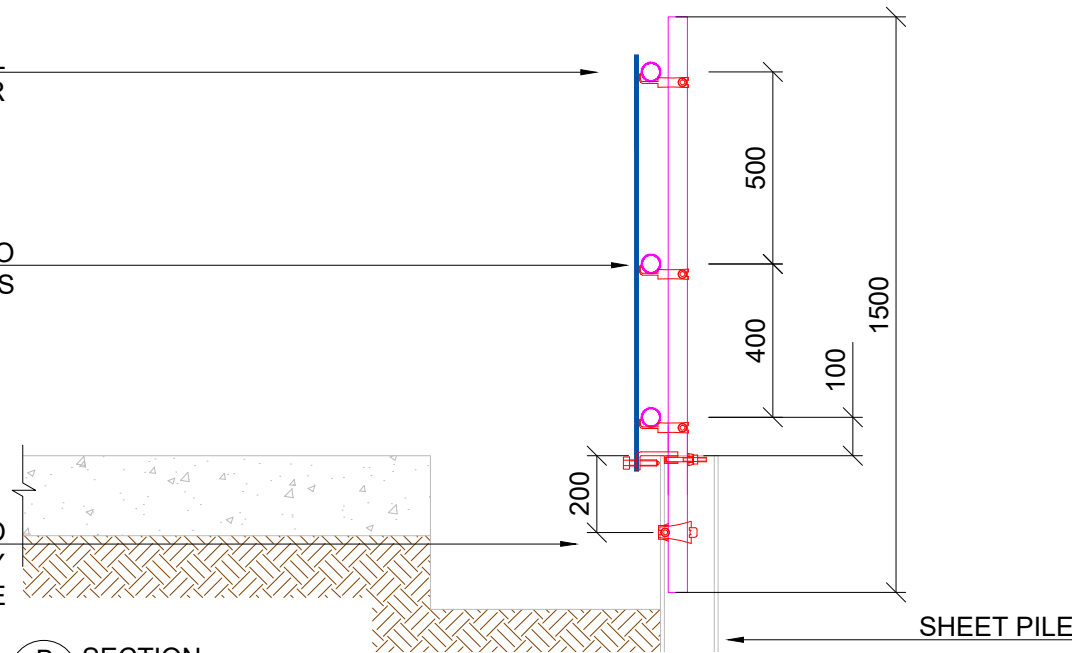


P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au

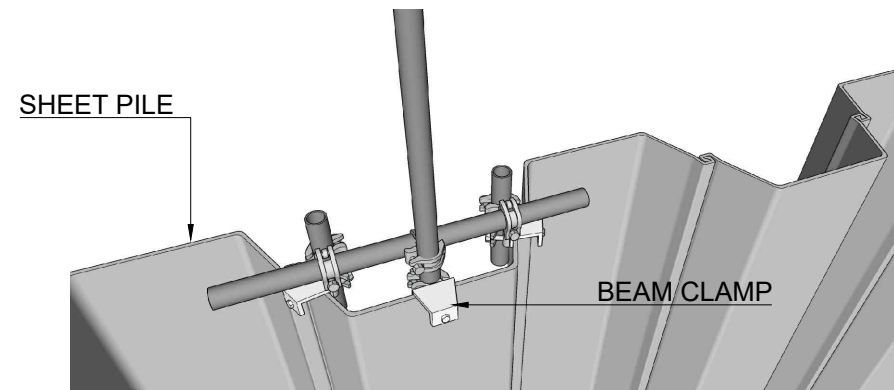
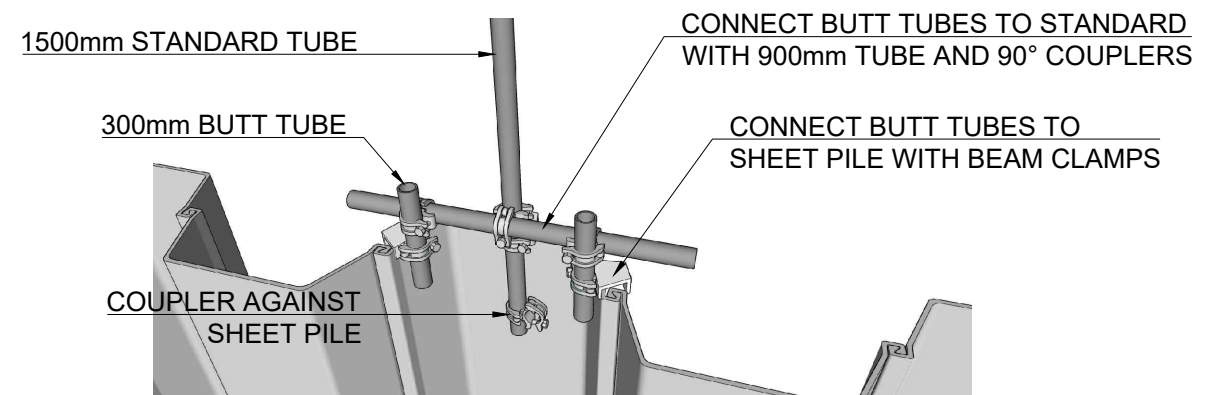
RAKER TUBE FIXED TO TOP GUARDRAIL
USING 90° COUPLER

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



B SECTION
- SCALE 1:20 @ A3



3D STANDARD CONNECTION TO SHEET PILE
- NTS @ A3

ab

Index	Revision	Date	drawn:	checked:
I				
H				
G				
F				
E				
D				
C				
B				
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.	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.
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.
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 :-
	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 SHEET PILE HANDRAIL TUBE AND CLIP
Drawn:	RT
Date:	13/04/2021
Comments:	-
Checked:	-
COGENT SCAFFOLDING Unit 6, 388 Eamshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@coagentscaffolding.com.au	
Drawing-No:	COG-TYP-10

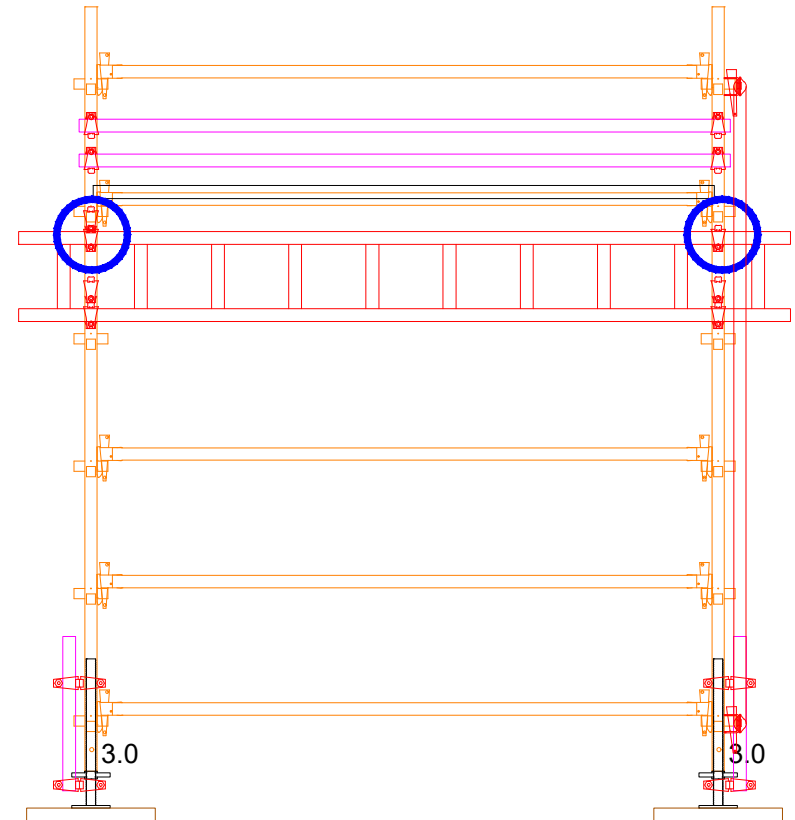
A

APPROVED

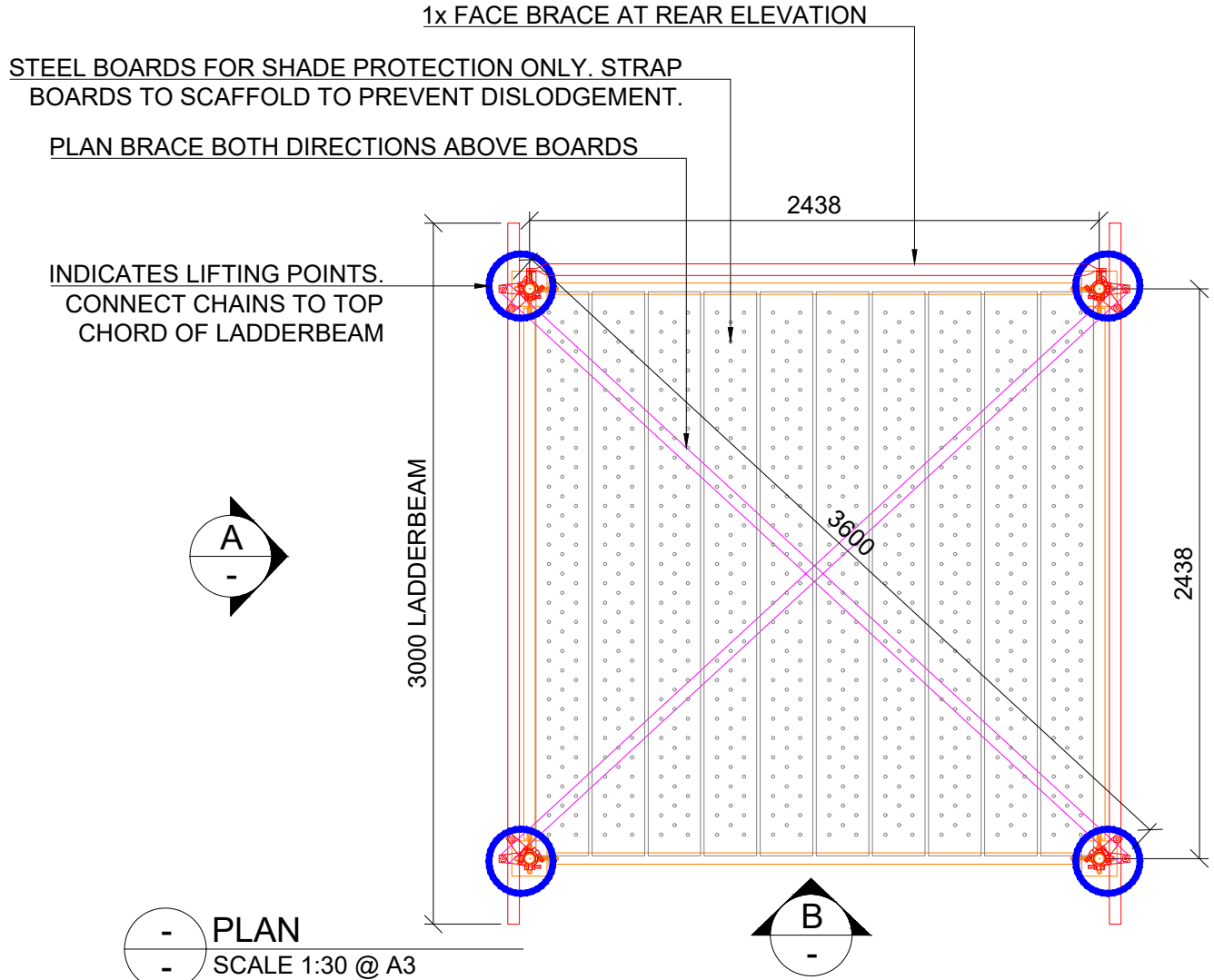
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: _____ Date: 14/02/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

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

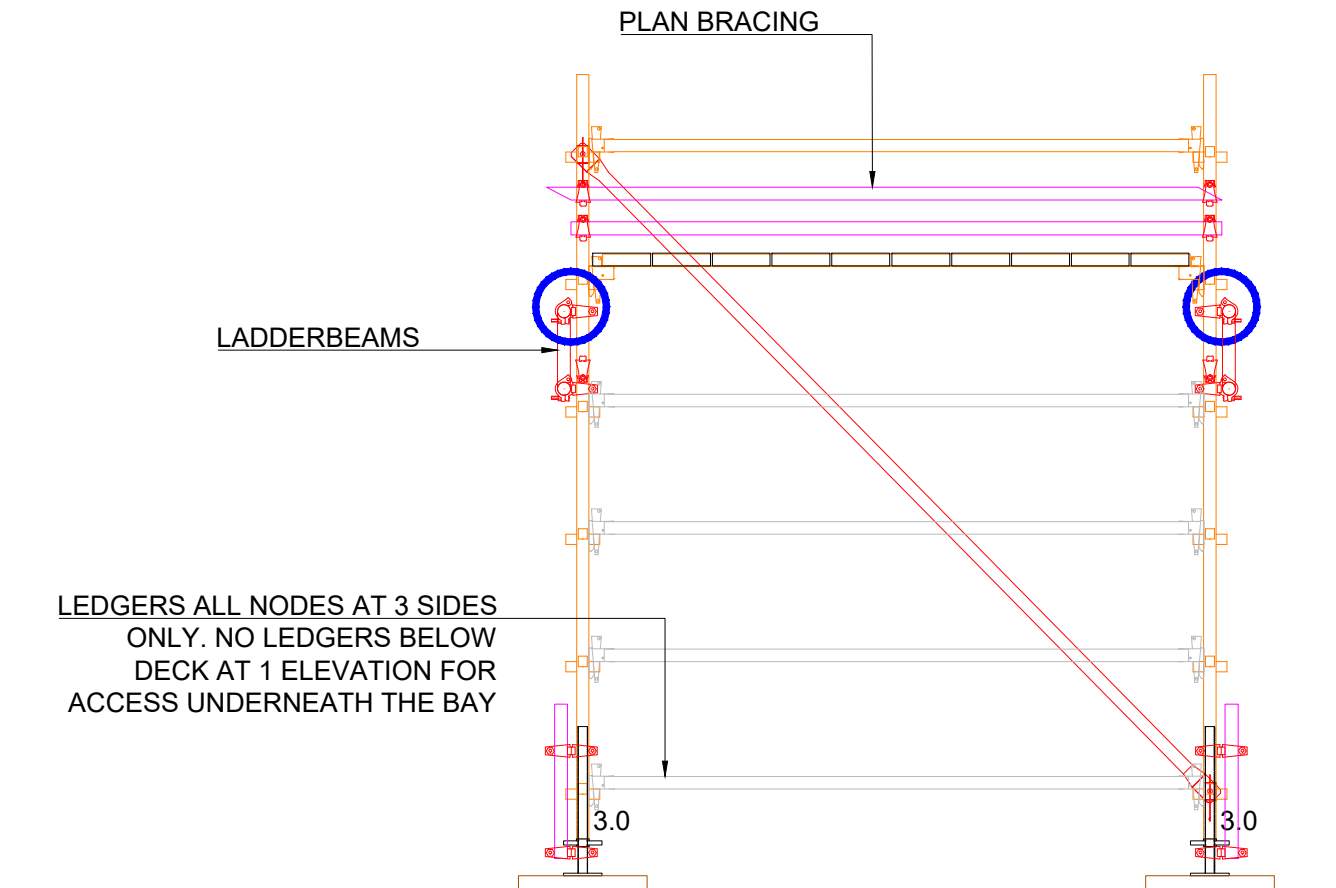
NO CONTAINMENT TO BE
INSTALLED ON THIS
SCAFFOLD



A ELEVATION
SCALE 1:50 @ A3



PLAN
SCALE 1:30 @ A3



B ELEVATION
SCALE 1:50 @ A3

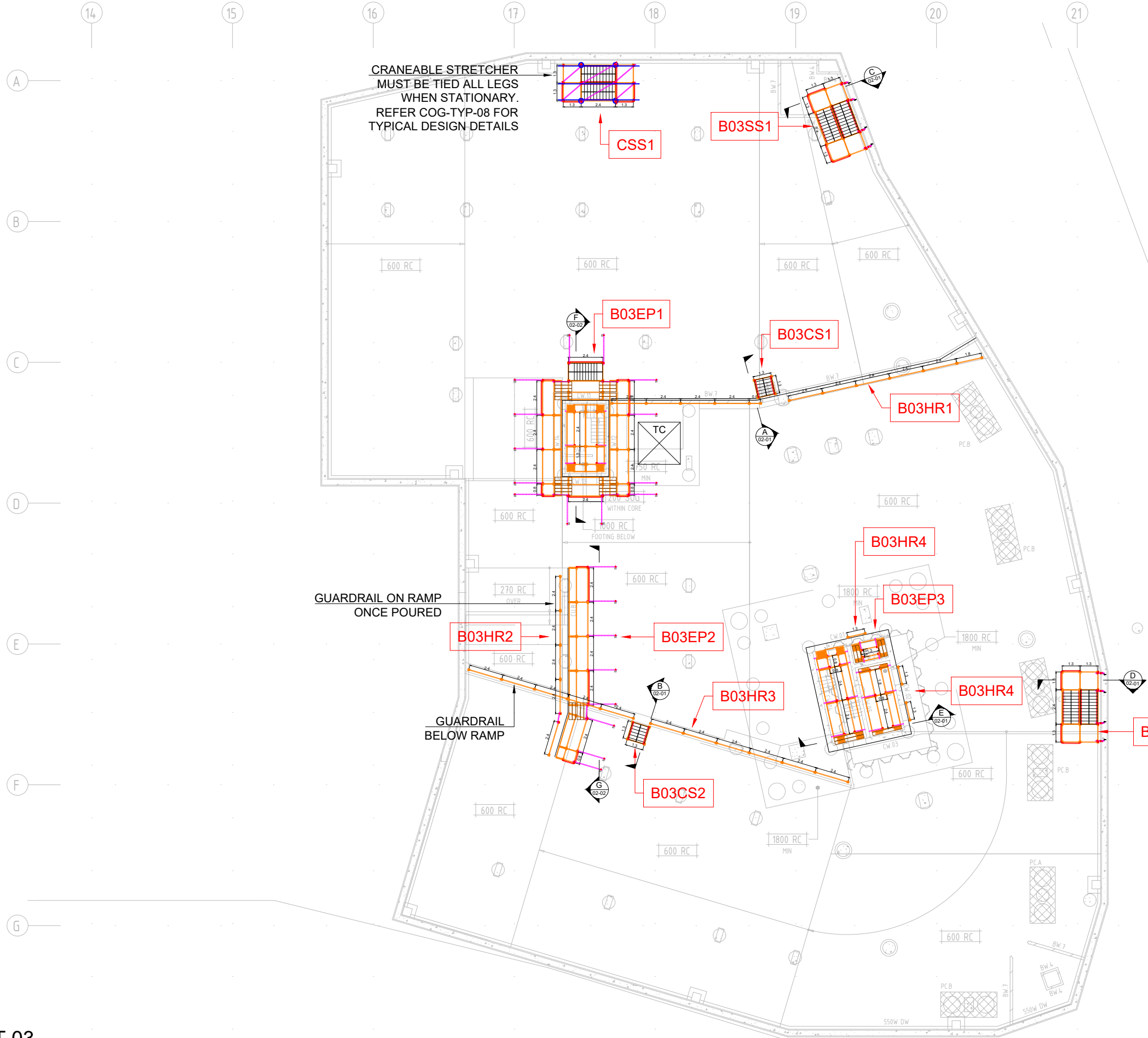
- Drawing Notes
- Cogent Scaffolding Copyright
This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.
 - Loads
Access Working Lifts 1.....No. @ ...0.75...kN/m²
Additional Lifts 1.....No. @ ...0.75...kN/m²
Hop-Up Brackets 1.....No. @ ...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.
 - 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

GLOBAL CERTIFICATION PTY LTD
SAQ **QUALITY** **SAFETY** **JAS-ANZ**

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

J				
I				
H				
G				
F				
E				
D				
C				
B				
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: *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

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

ab

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
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 :-

- 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.

GLOBAL CERTIFICATION PTY LTD
SAQ SCAFFOLDING ASSOCIATION QUEENSLAND
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	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-B3	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

GUARDRAIL
BELOW RAMP

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

ab

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

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.

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-B2

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.



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

ab

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-B1
COGENT SCAFFOLDING Unit 6, 368 Esmeshaw 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

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

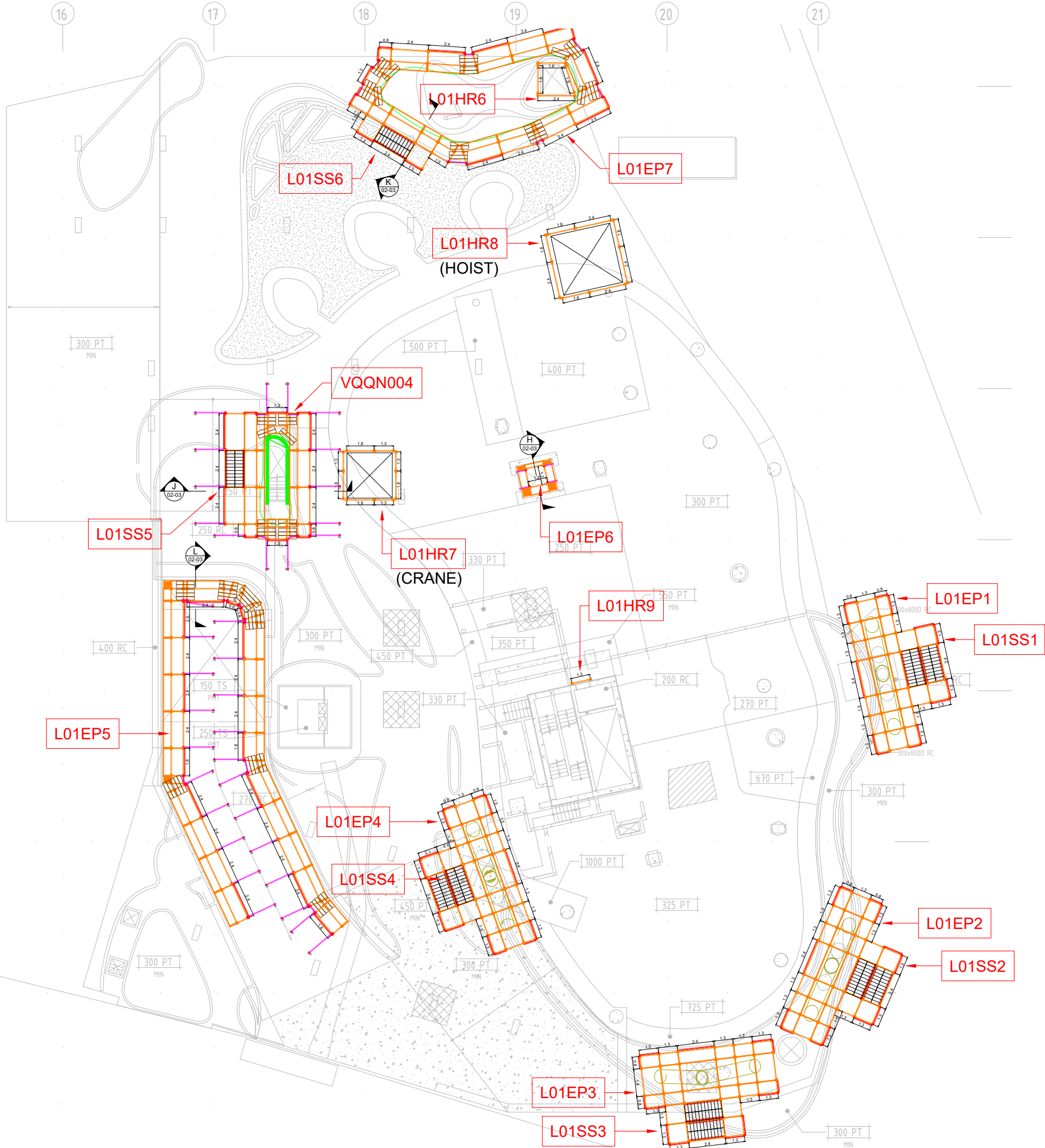


SCAFFOLD DESIGN INCLUDES
THE ALLOWANCE OF FULL
CONTAINMENT SHEETING



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



ab

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
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 :-

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



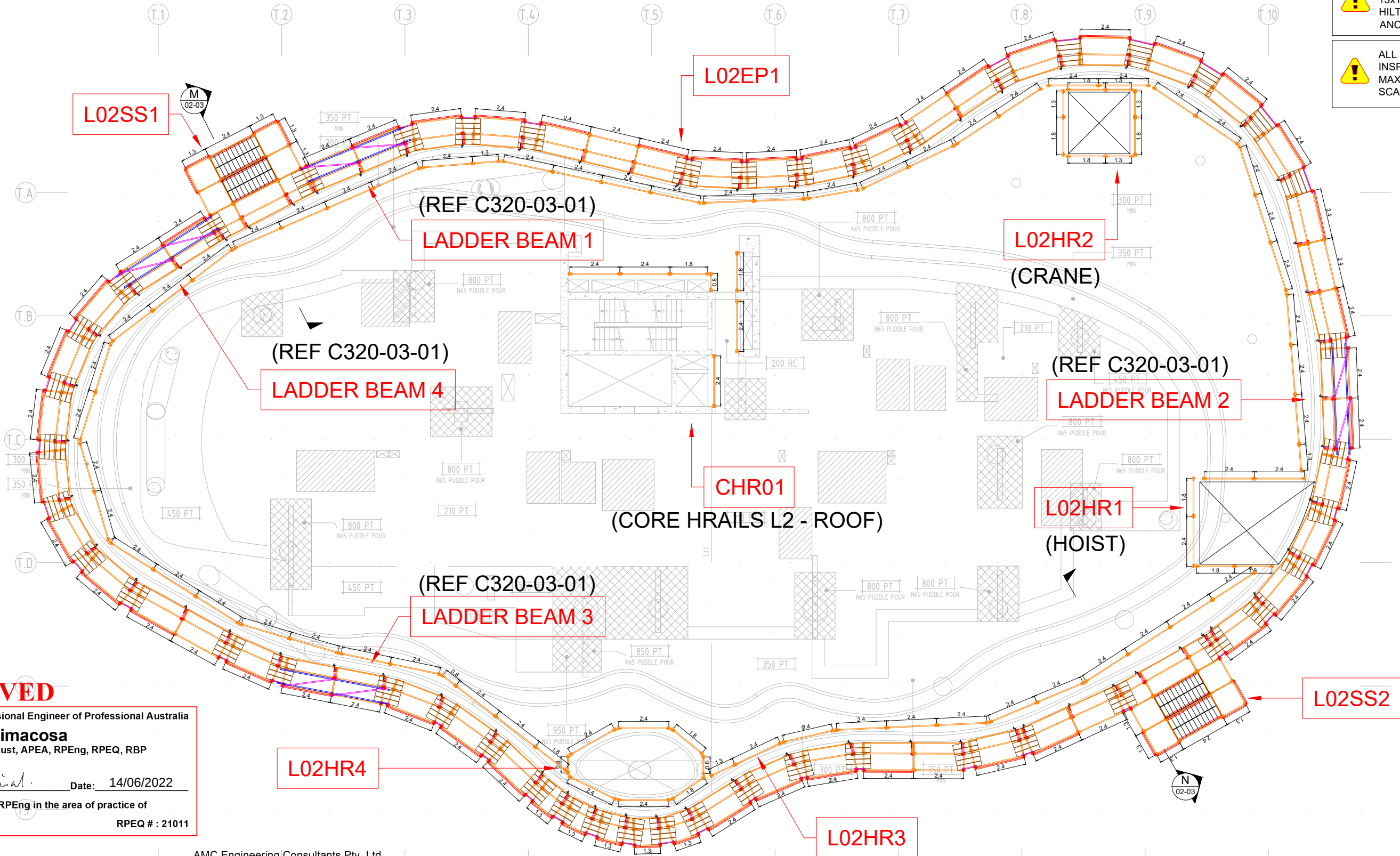
FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - PLAN KWIKSTAGE	
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.:	C320-01-01	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



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.



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

LEVEL 02
SCALE 1:200 @ A3

ab

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



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 Earnshaw Road
Banyo Qld 4014
Phone T 1300 550 149
info@cocentsscaffolding.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

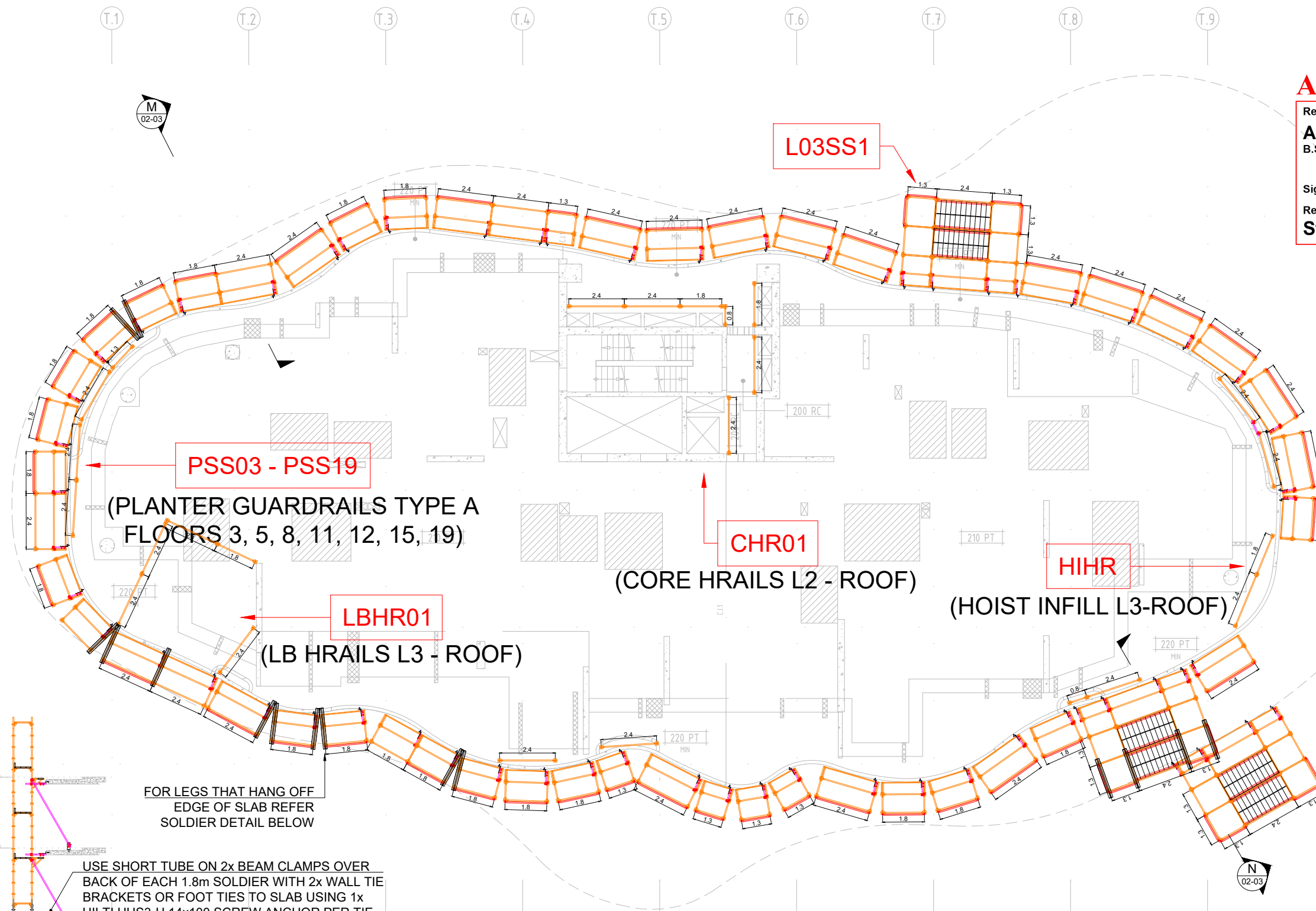
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

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



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

ab

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.	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 = 0.0 kN/m ²			

GLOBAL CERTIFICATION PTY LTD
JAS-ANZ
SAQ
COGENT SCAFFOLDING
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 - 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@cocentsscaffolding.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

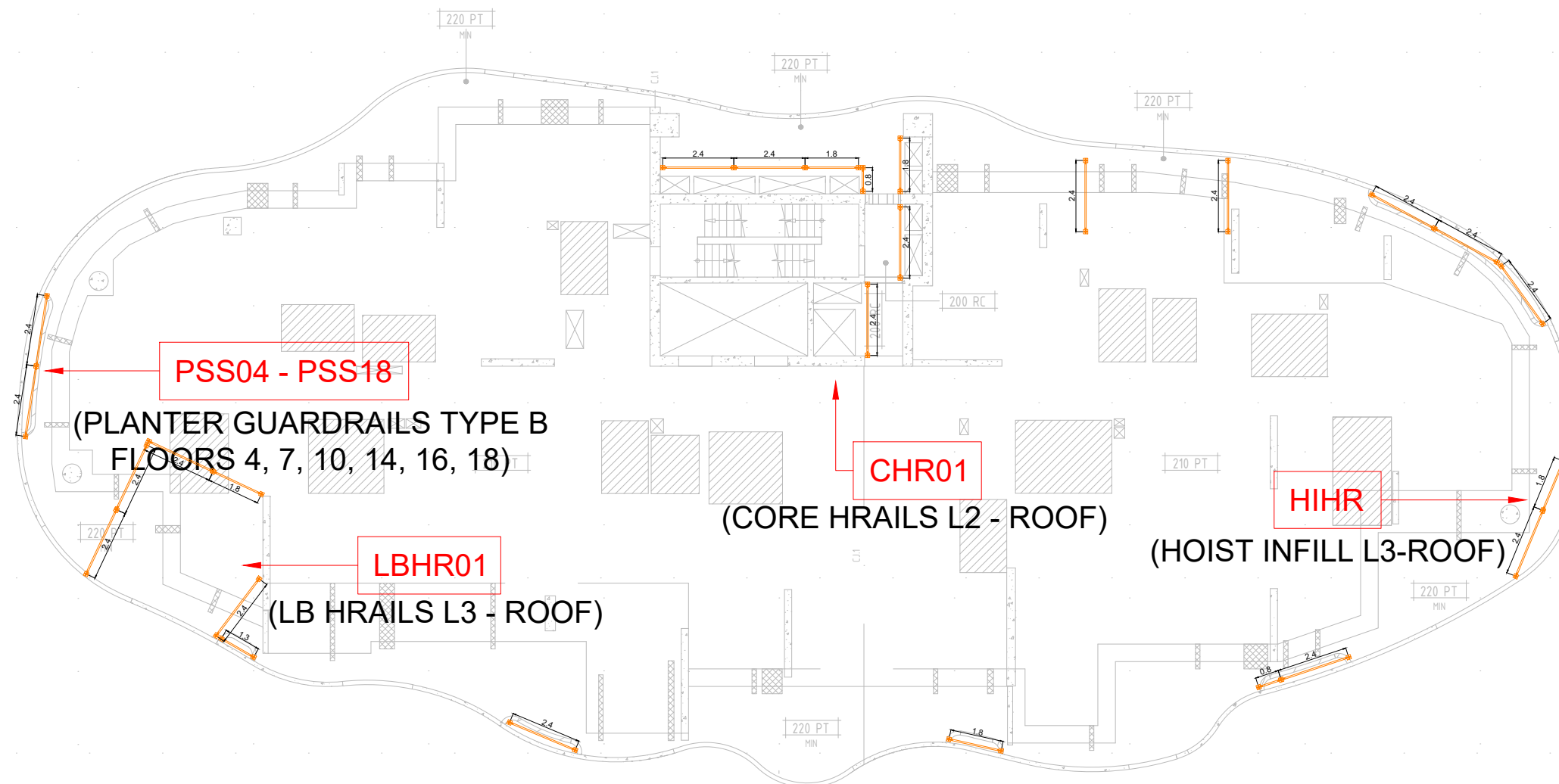
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



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

LEVEL 04
SCALE 1:200 @ A3

ab

				Drawing Notes				FOR CONSTRUCTION			
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.		Details: MIRVAC			
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.		Date: 04/03/2022			
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.		Comments: -			
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.	7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.		Drawing No.: C320-01-04			
E				Additional Lifts1.....No. @.....0.75.....kN/m ²				COGENT SCAFFOLDING			
D				Hop-Up Brackets1.....No. @.....0.75.....kN/m ²				Specialists in Scaffolding Solutions			
C				Wind				Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au			
B	FOR CONSTRUCTION	10/06/2022	RT	DO				B			
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

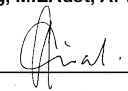
ALL TIES UNLESS INDICATED
OTHERWISE ARE USING
13x100 RAMSET BOA COIL OR
HILTI HUS3-H 14x100 SCREW
ANCHORS

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

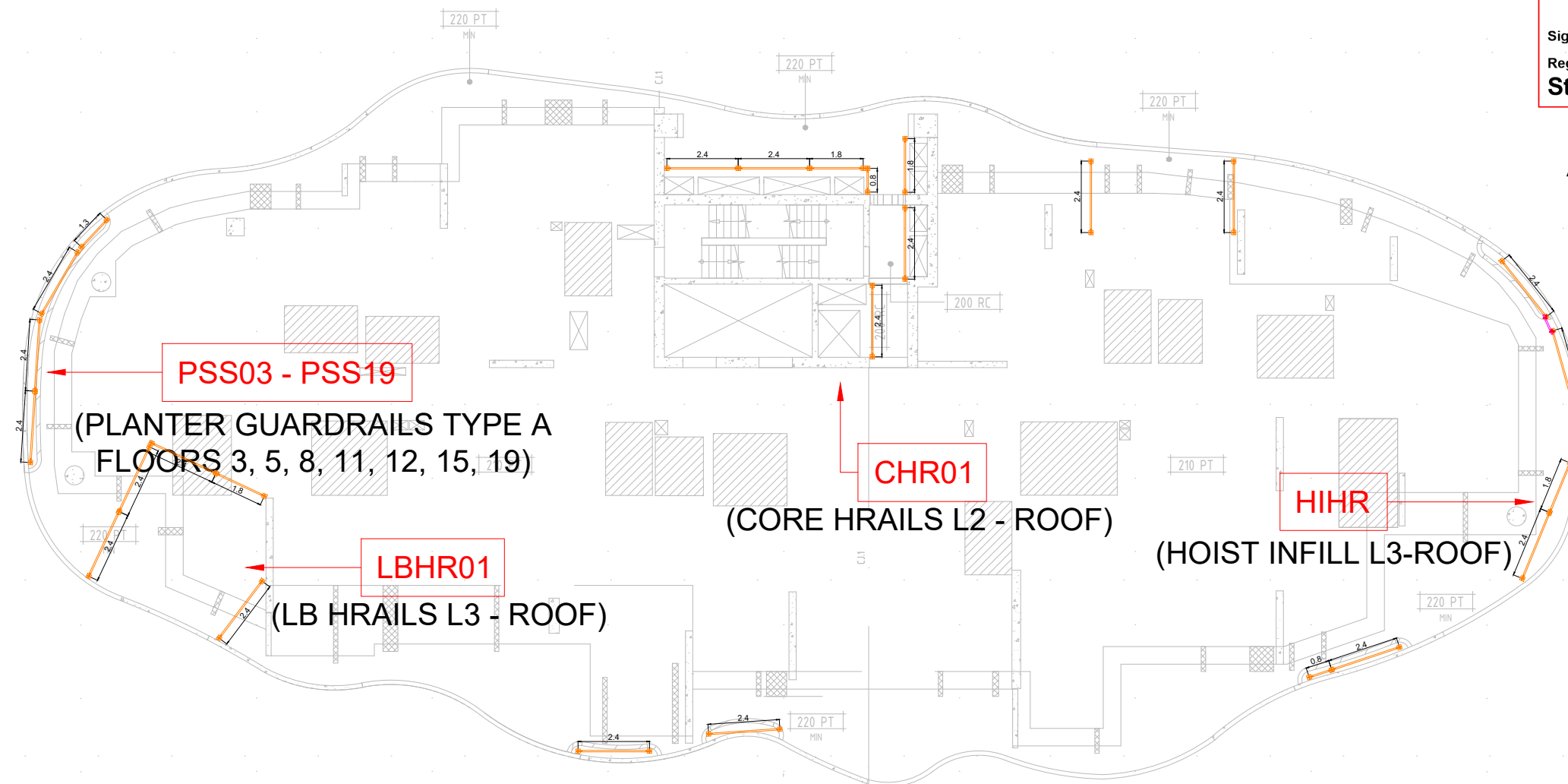
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
ACN: 605 969 926

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

LEVEL 05
SCALE 1:200 @ A3

ab

				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 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.				Maximum calculated Tie Load =.....kN Tie Type >..... Tie spacing to be as shown on drawing.							
G				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 :-				6. Responsibilities Wherever possible, risk is designed out of this proposal during the design process.							
F												7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.							
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:															

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.:	C320-01-05		

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

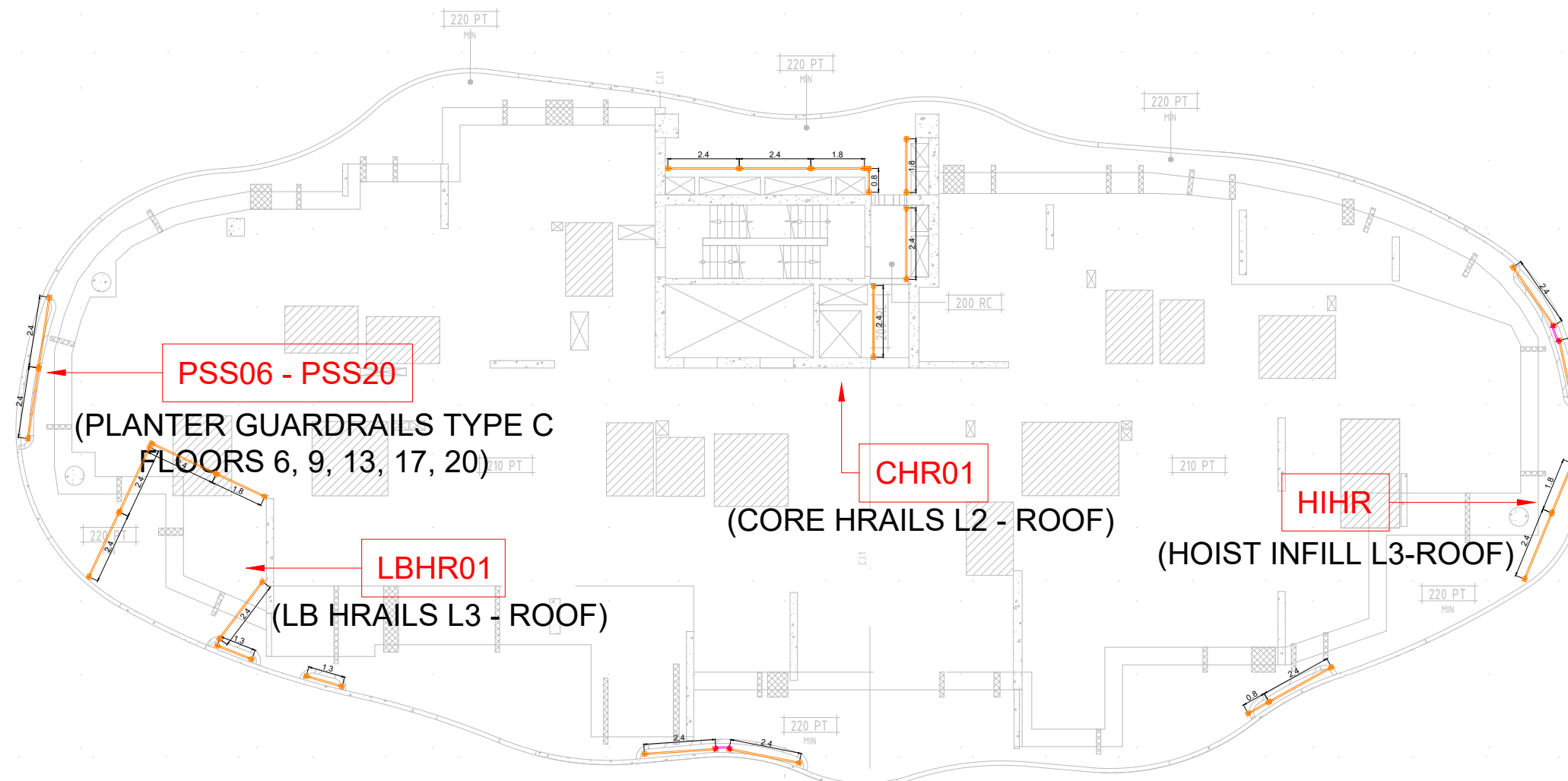
Signature:  Date: 14/06/2022

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

LEVEL 06
SCALE 1:200 @ A3

ab

				Drawing Notes				FOR CONSTRUCTION			
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.		Details: MIRVAC			
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.		Date: 04/03/2022			
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.		Comments: -			
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.	7. Scaffolding/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.		Drawing No: C320-01-06			
E				Additional Lifts1.....No. @.....0.75.....kN/m ²				COGENT SCAFFOLDING			
D				Hop-Up Brackets1.....No. @.....0.75.....kN/m ²				Specialists in Scaffolding Solutions			
C				Wind				Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au			
B	FOR CONSTRUCTION	10/06/2022	RT	DO				B			
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: [Signature] Date: 14/06/2022

Registered on the RPEng in the area of practice of

Structural

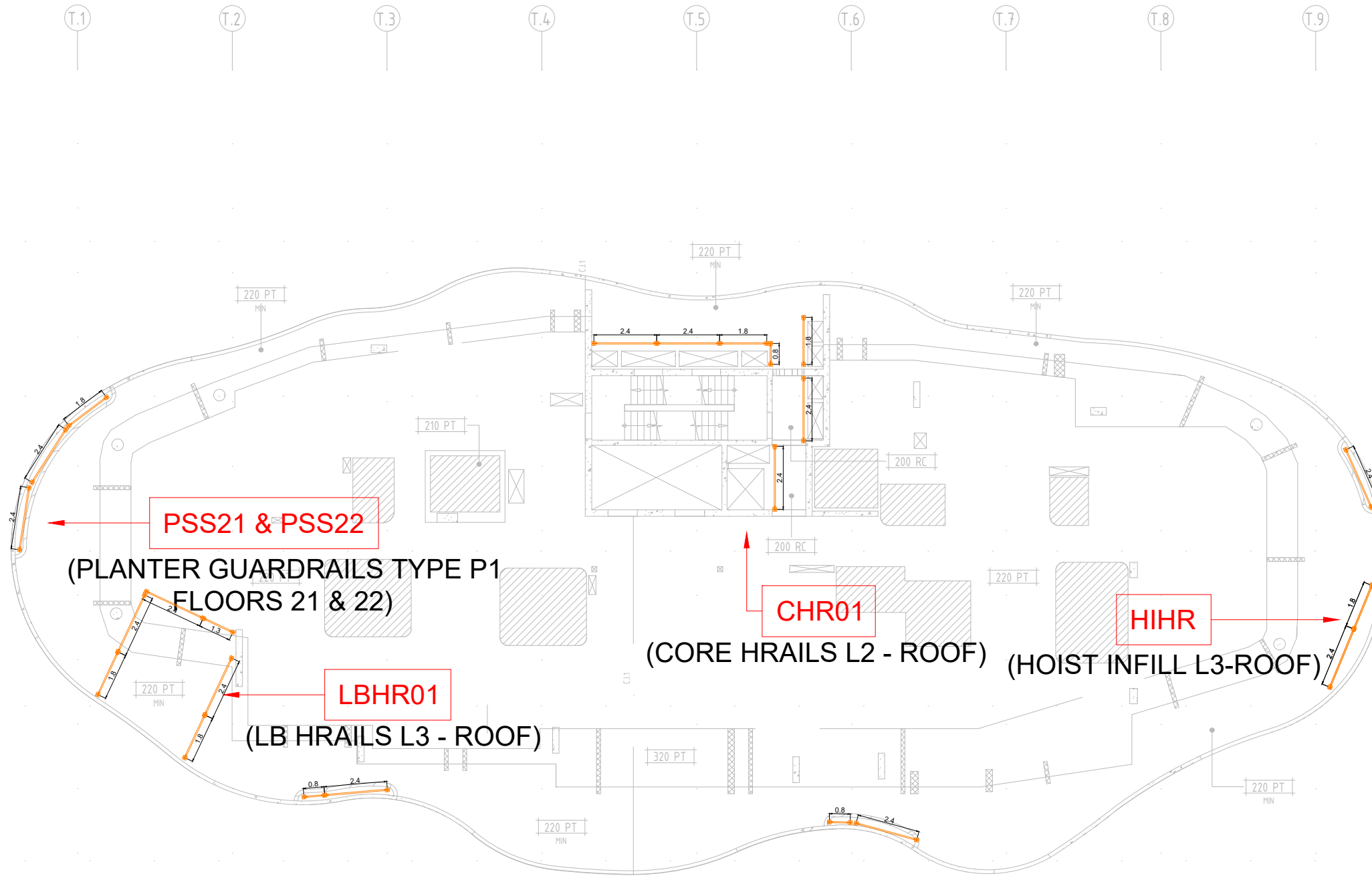
RPEQ # : 21011

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

LEVEL 21
SCALE 1:200 @ A3

ab

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
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 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
 - 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.

GLOBAL CERTIFICATION PTY LTD

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	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.:	C320-01-21		

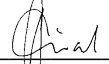
SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

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

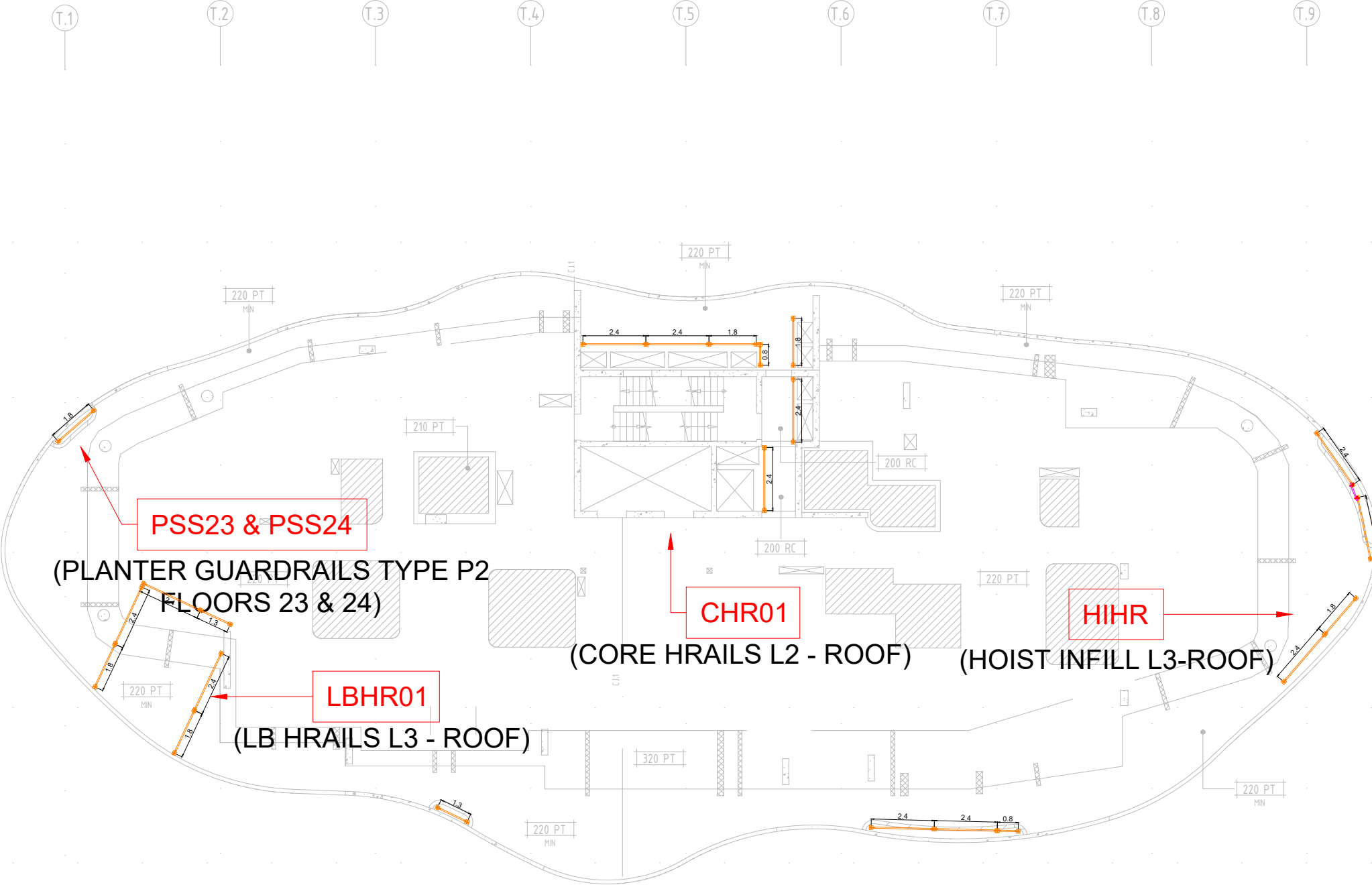
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP

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

LEVEL 23
SCALE 1:200 @ A3

ab

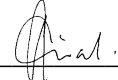
				Drawing Notes				FOR CONSTRUCTION			
I				1. Cogent Scaffolding Copyright This drawing is the copyright of Cogent Scaffolding. No unauthorised copy, use or disclosure in full or in part is to be made.	3. Foundations/Support Where Cogent Scaffolding equipment is supported, suspended, anchored or tied 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 =.....0.0.....kN Lift positions and bracing frequency to be as shown.		Details: MIRVAC			
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 =.....0.9.....kN Tie Type >..... Tie spacing to be as shown on drawing.		Date: 04/03/2022			
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.		Comments: -			
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.	Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.		Drawing No.: C320-01-23			
E				Additional Lifts1.....No. @.....0.75.....kN/m ²				COGENT SCAFFOLDING			
D				Hop-Up Brackets1.....No. @.....0.75.....kN/m ²				Specialists in Scaffolding Solutions			
C				Wind				Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au			
B	FOR CONSTRUCTION	10/06/2022	RT	DO				B			
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

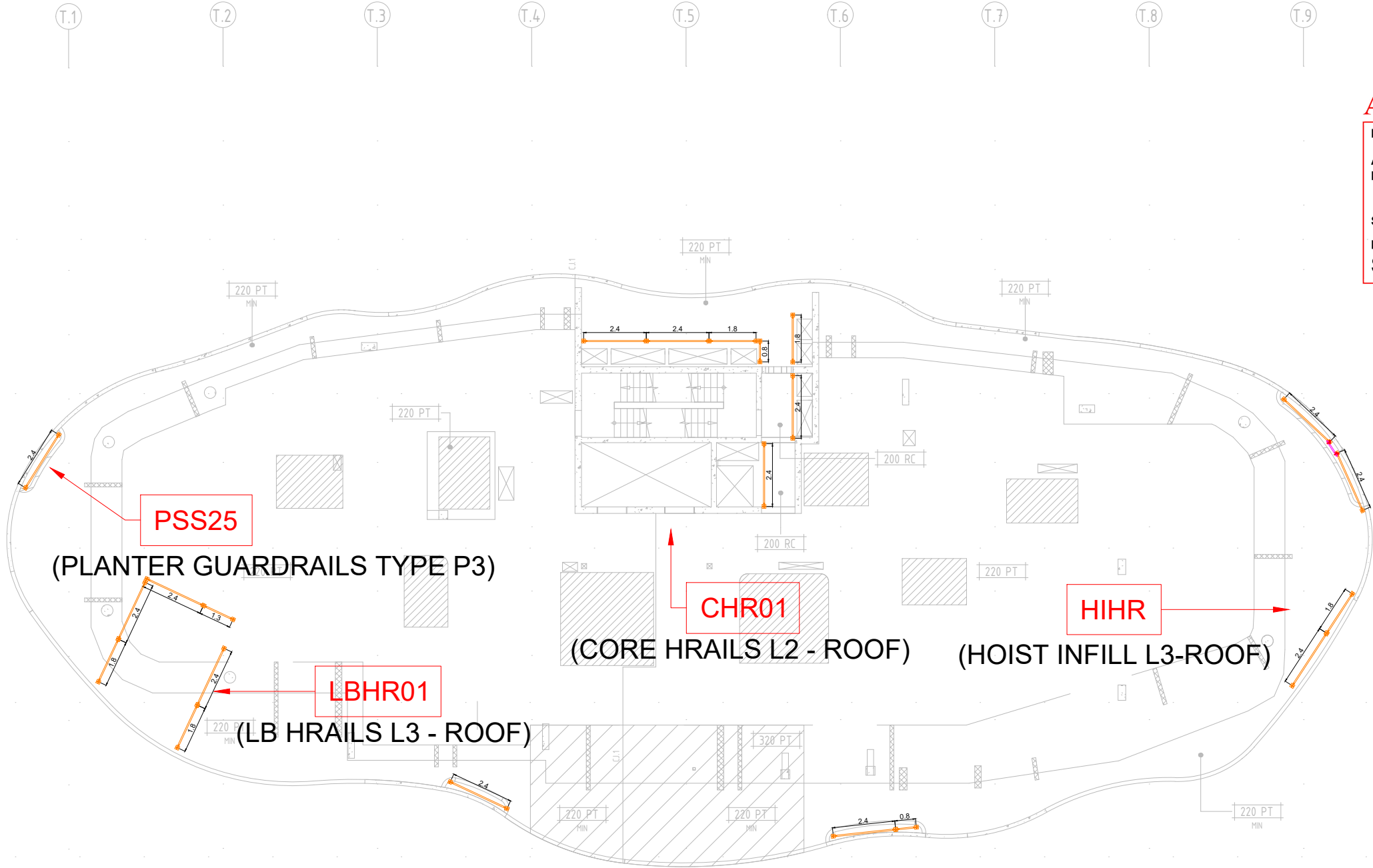
Signature:  Date: 14/06/2022

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
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

LEVEL 25
SCALE 1:200 @ A3

ab

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

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.: C320-01-25

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

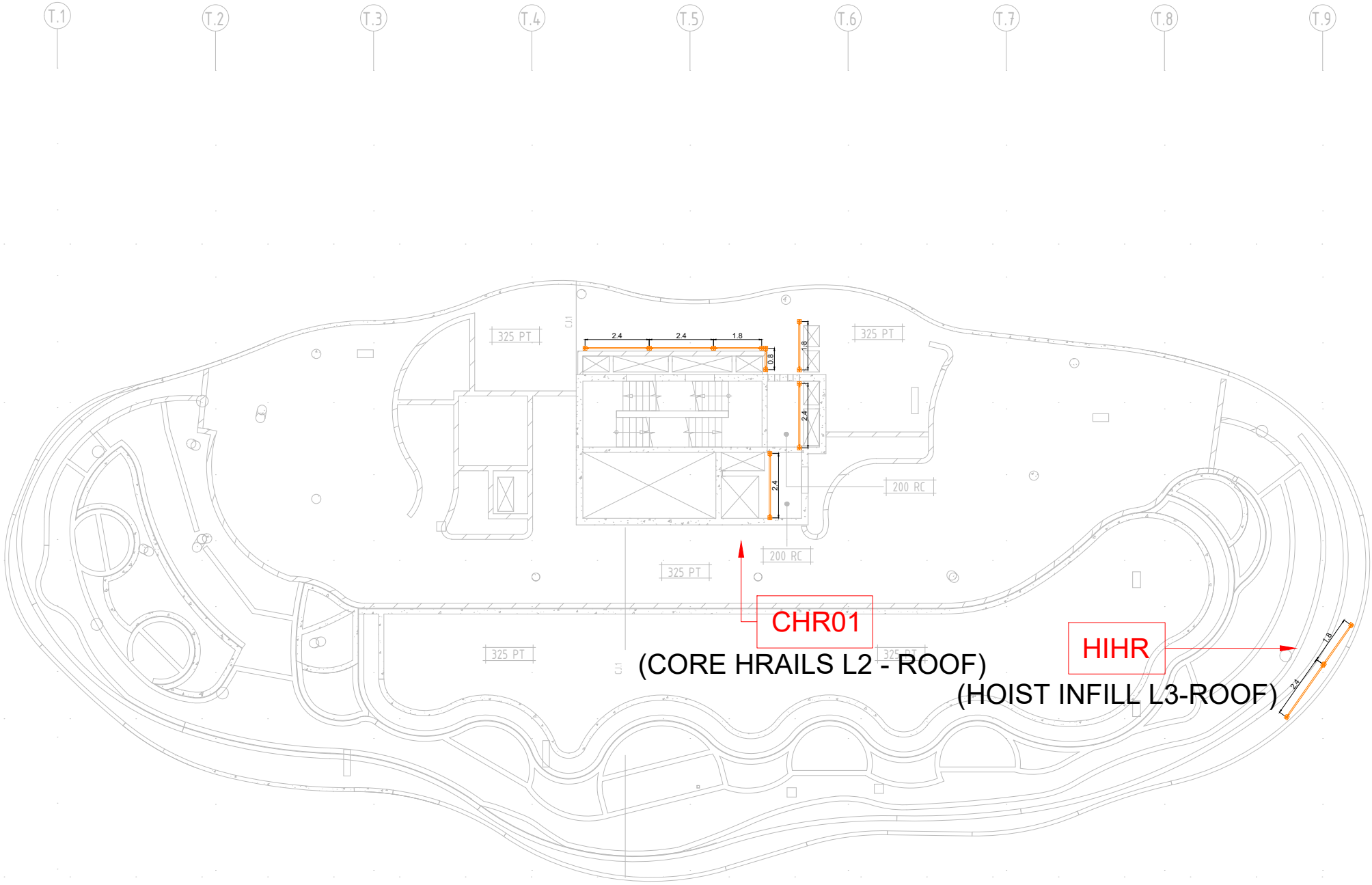
Signature: _____ Date: 14/06/2022

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

AMC Engineering Consultants Pty. Ltd.



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

ROOF
SCALE 1:200 @ A3

ab

				Drawing Notes															
I				1. Cogent Scaffolding Copyright	3. Foundations/Support			Maximum calculated Leg Load =.....0.0.....kN											
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.											
G								Maximum calculated Tie Load =.....0.0.....kN											
F								Tie Type >.....											
E								Tie spacing to be as shown on drawing.											
D																			
C																			
B	FOR CONSTRUCTION	10/06/2022	RT	DO	2. Loads	Working Lifts1.....No. @.....0.75.....kN/m²	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.									
A	ADJUSTED AS PER CLIENT COMMENTS	13/05/2022	RT	DO	Access	Additional Lifts1.....No. @.....0.75.....kN/m²	No ties or braces are to be removed or altered in any way without the expressed written authority from Cogent Scaffolding.		7. Scaffold/Falsework/Formwork designed in accordance with AS1576 Parts 1 to 6, AS1170.2, AS3610, AS6669, AS4100.										
Index	Revision	Date	drawn:	checked:	Wind	Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m²	5. Design Output	This drawing should be read in conjunction with :-											

SAQ

GLOBAL CERTIFICATION PTY LTD

JAS-ANZ

SAQ

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	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.:	C320-01-26		

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

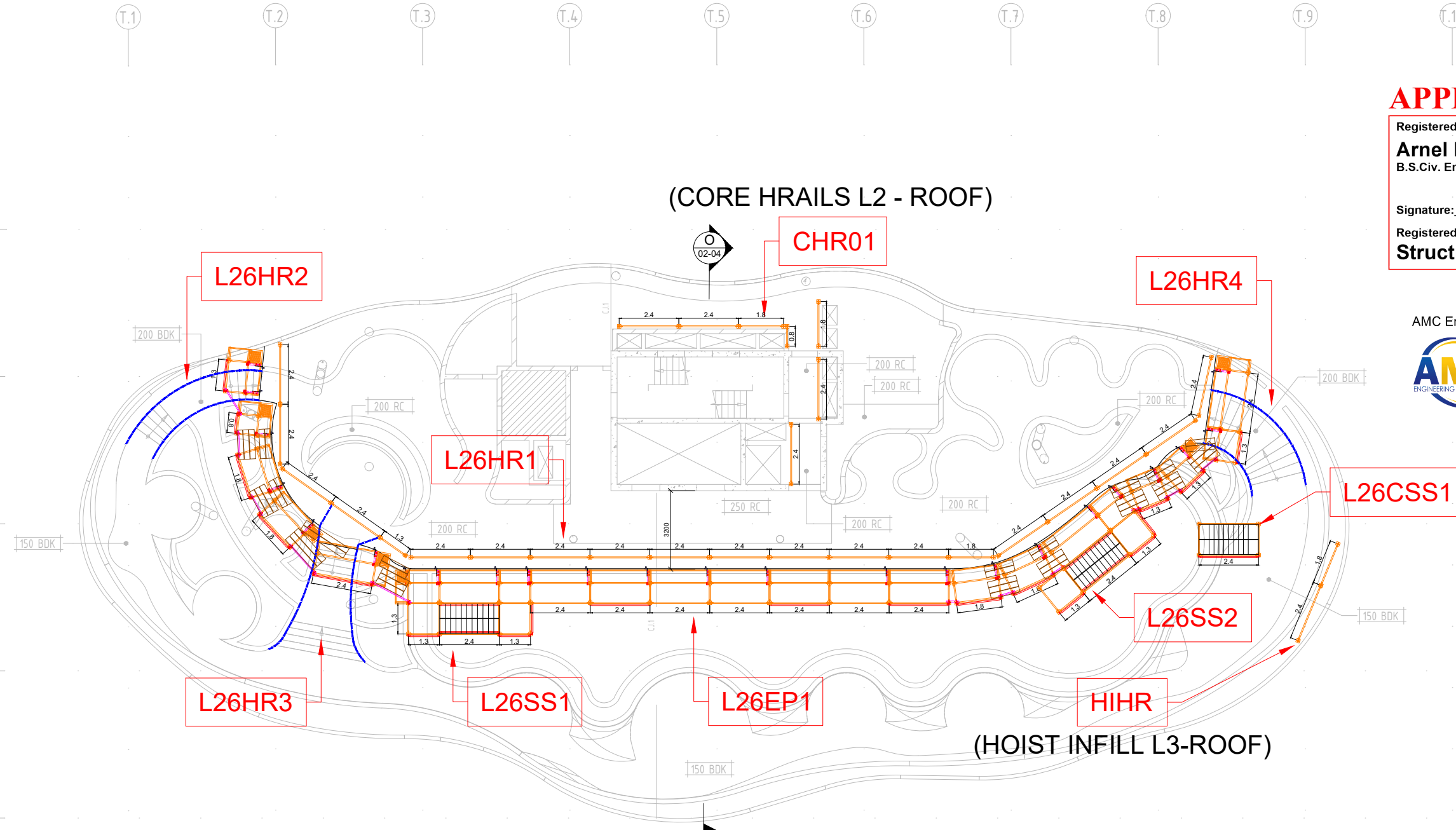
Registered on the RPEng in the area of practice of Structural RPEQ # : 21011

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

ab

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

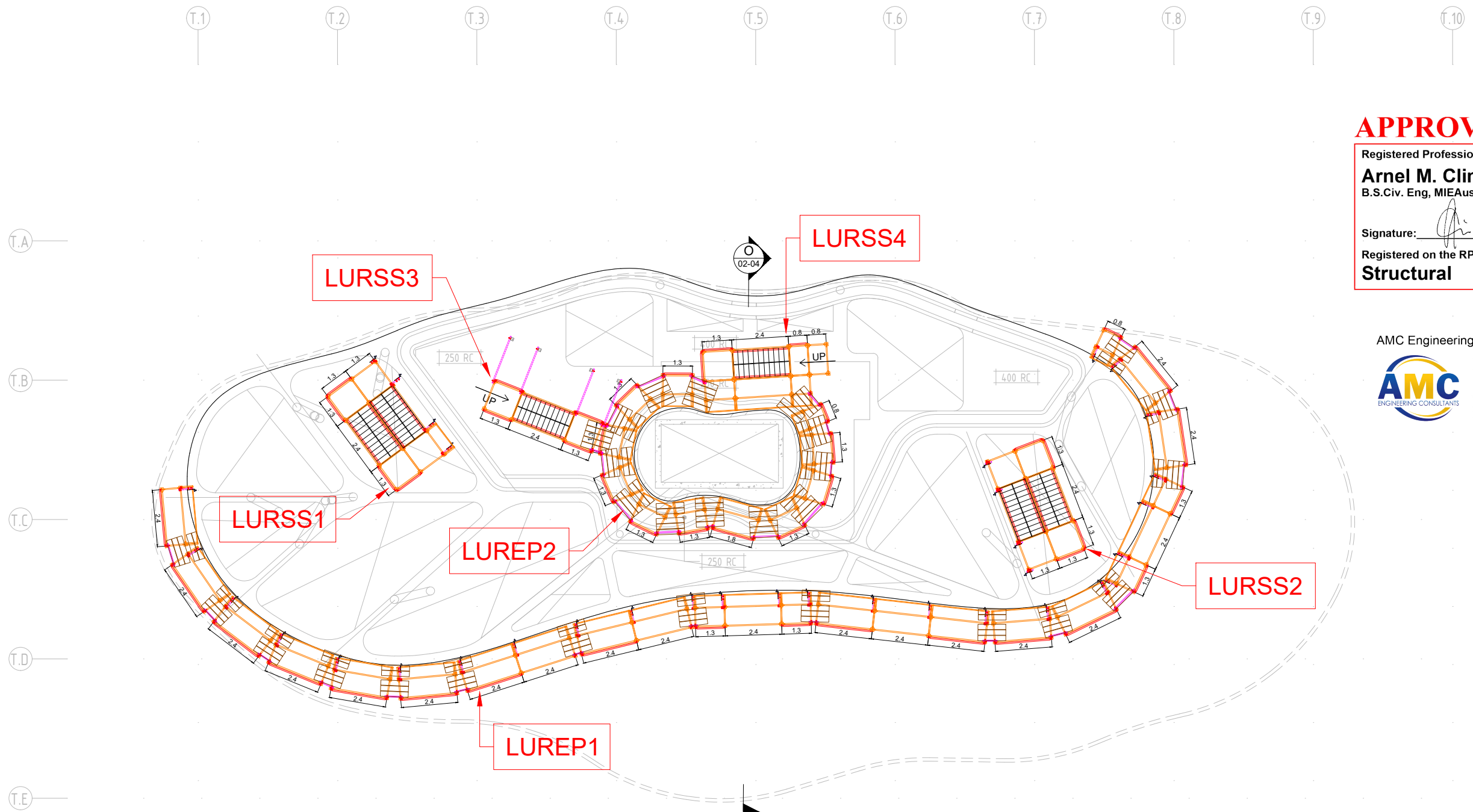
SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

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: *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

ab

				Drawing Notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
--	--	--	--	---------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

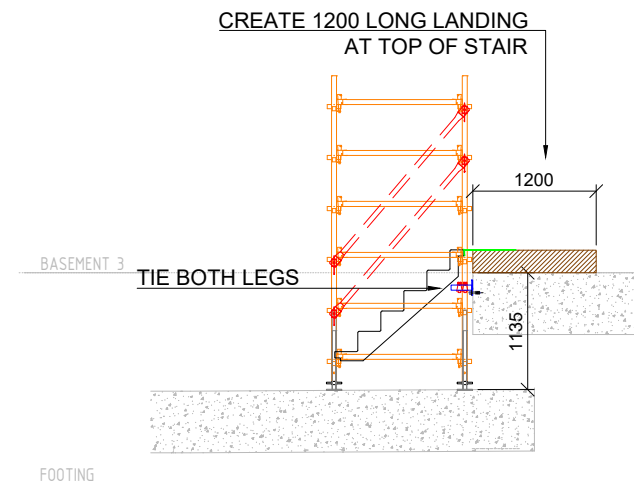
RPEQ # : 21011

AMC Engineering Consultants Pty. Ltd.

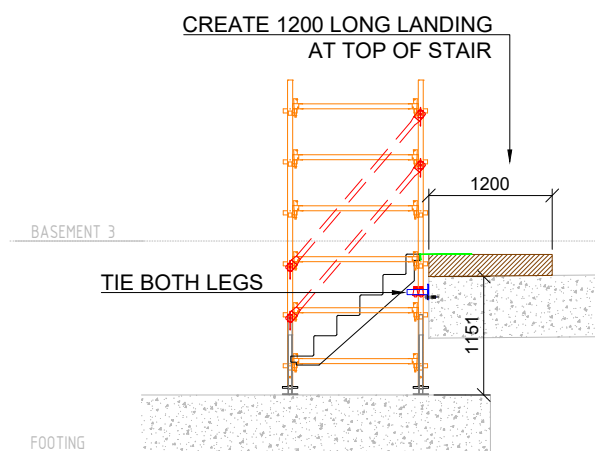


ABN: 33 605 969 926
ACN: 605 969 926

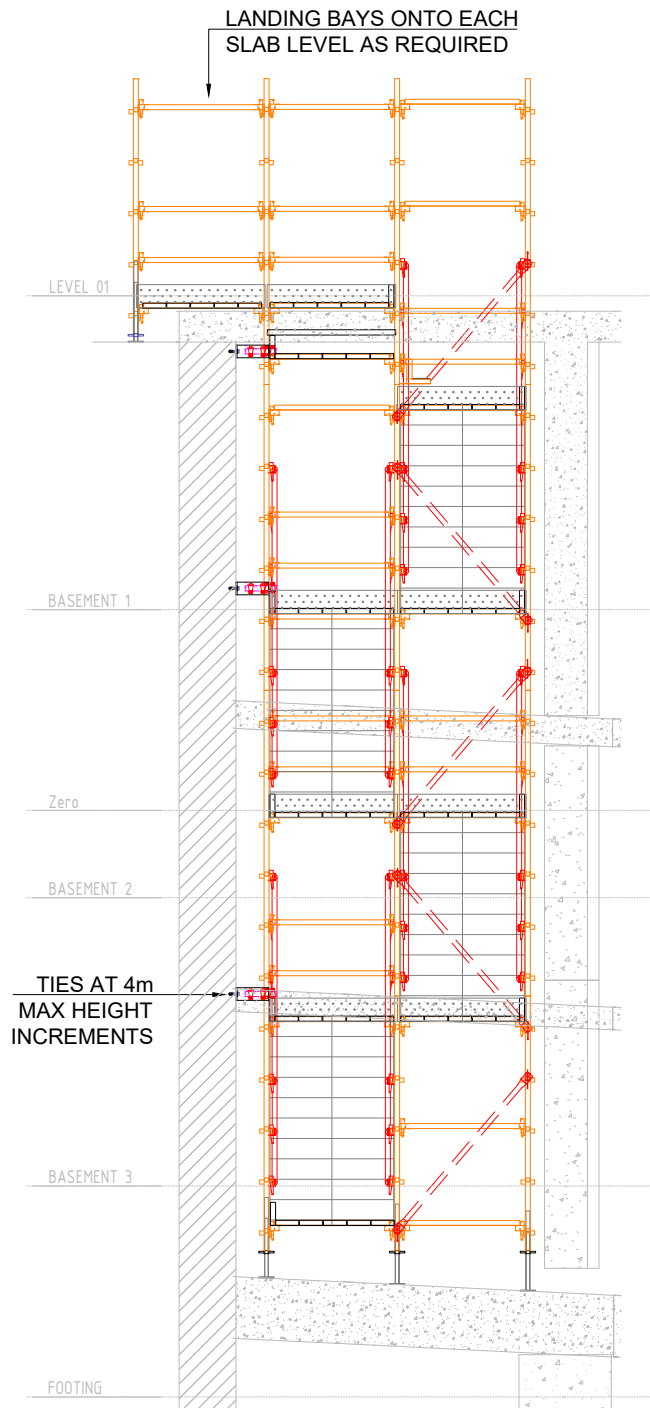
P.O. BOX 4432 SPRINGFIELD QLD 4300
M: 0405-034-262
E: admin@amceng.com.au
W: www.amceng.com.au



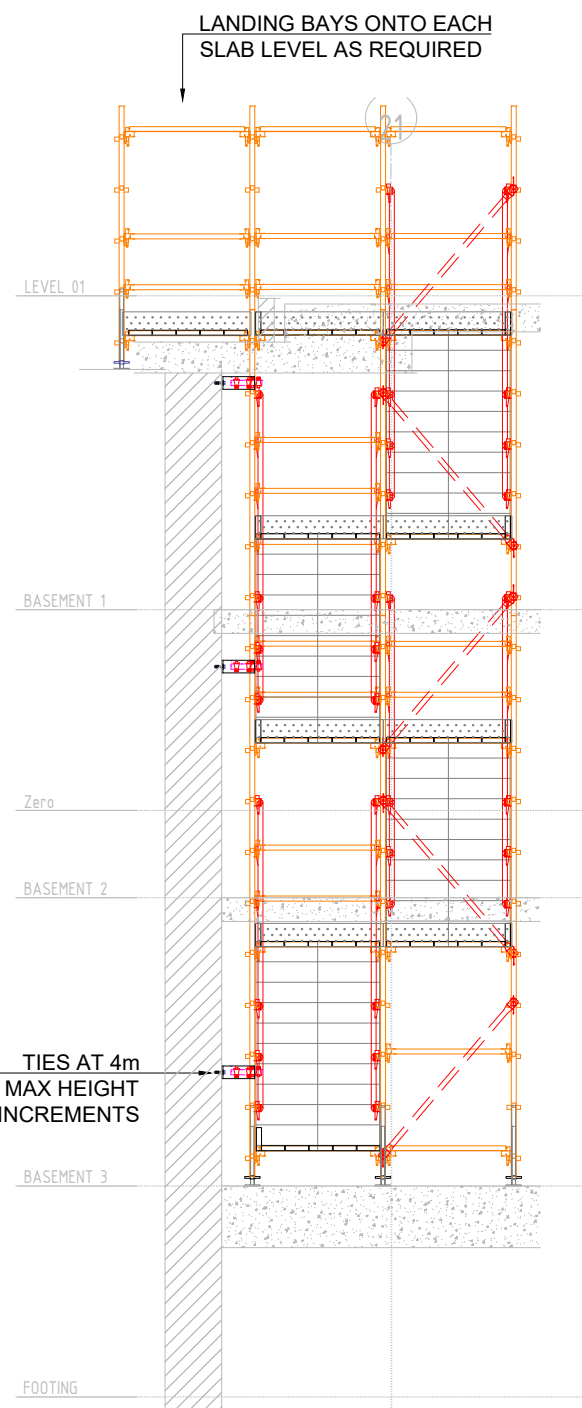
A SECTION
SCALE 1:75 @ A3



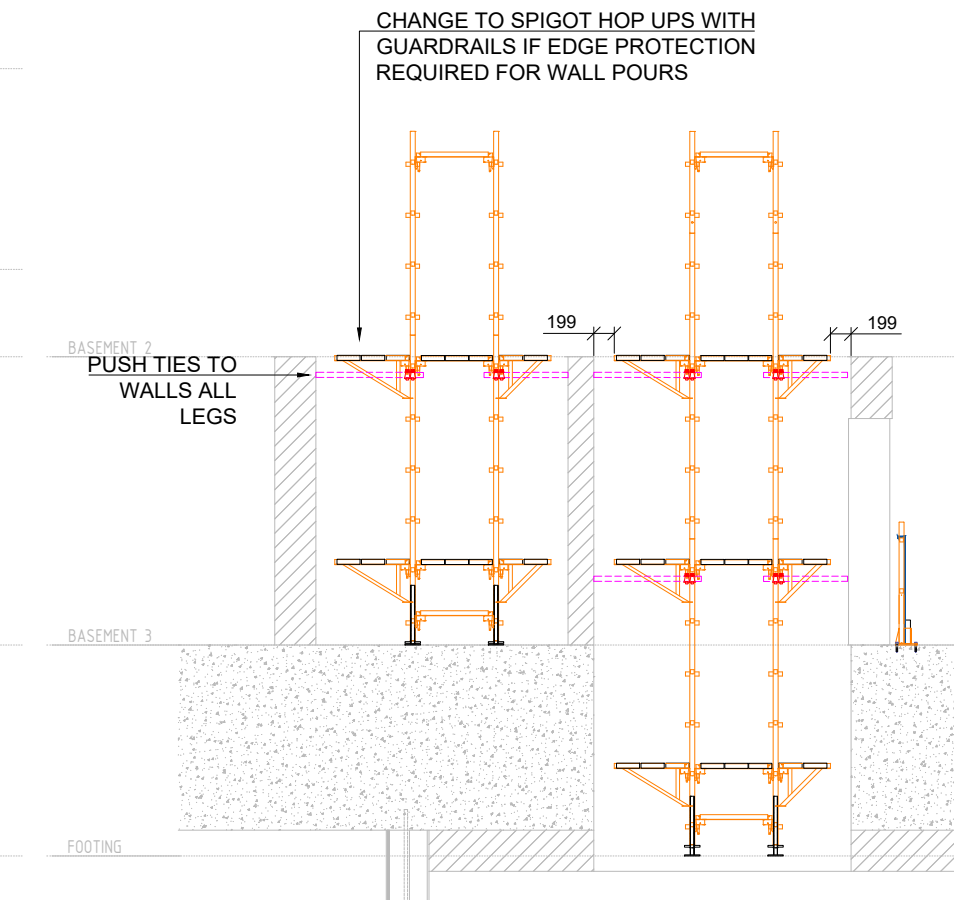
B SECTION
SCALE 1:75 @ A3



C SECTION
SCALE 1:75 @ A3



D SECTION
SCALE 1:75 @ A3



E SECTION
SCALE 1:75 @ A3

ab

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.	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			

GLOBAL CERTIFICATION PTY LTD

SAQ SCAFFOLDING ASSOCIATION QUEENSLAND

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

Specialists in Scaffolding Solutions

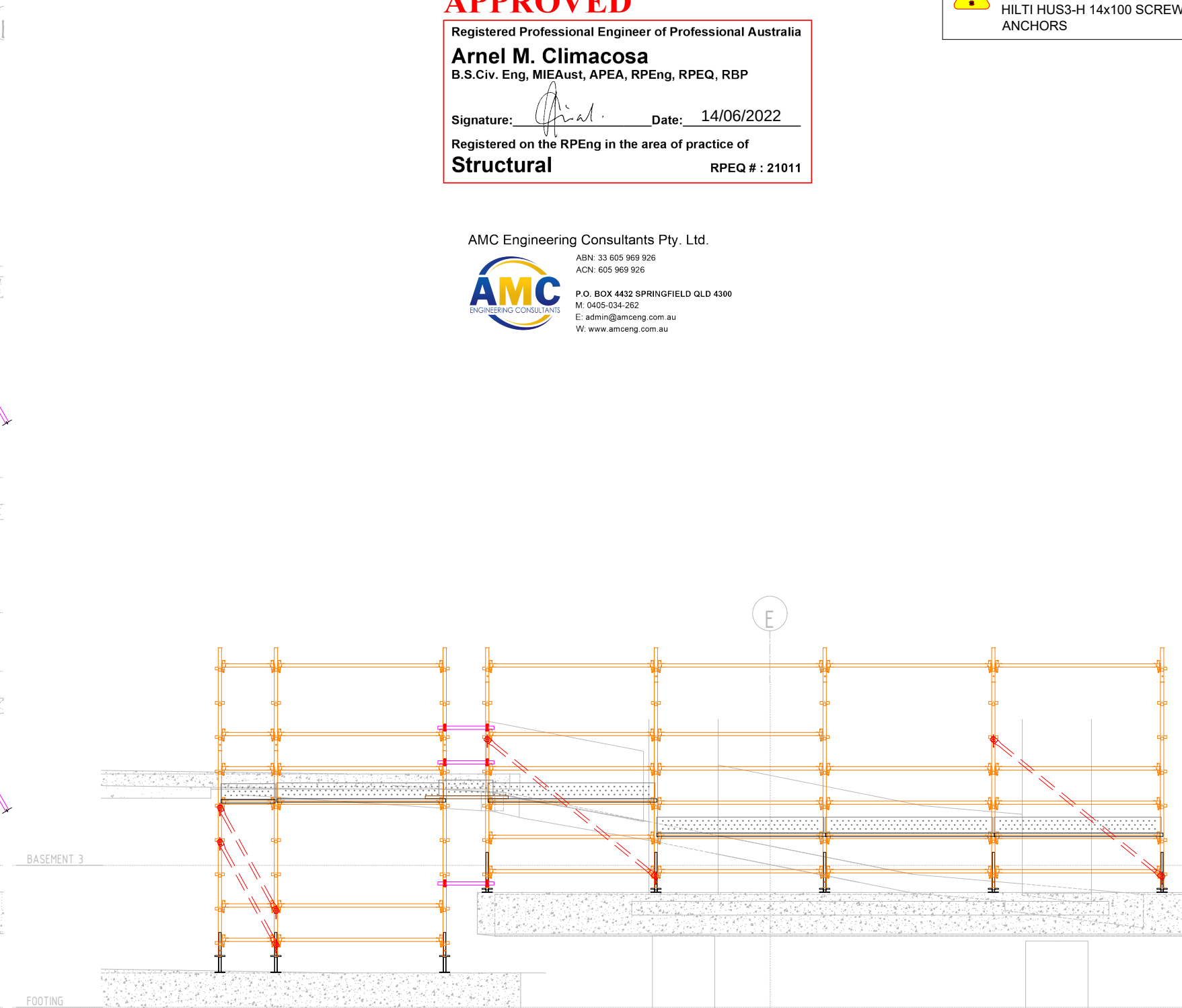
FOR CONSTRUCTION	
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - SECTIONS KWIKSTAGE
Drawn:	RT
Date:	04/03/2022
Comments:	-
Drawn No.:	C320-02-01
COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cgentscaffolding.com.au	

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

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

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



G 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

- Coigent Scaffolding Copyright
This drawing is the copyright of Coigent 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 Lifts4.....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 Coigent 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 Coigent Scaffolding.
- Design Output
This drawing should be read in conjunction with :-

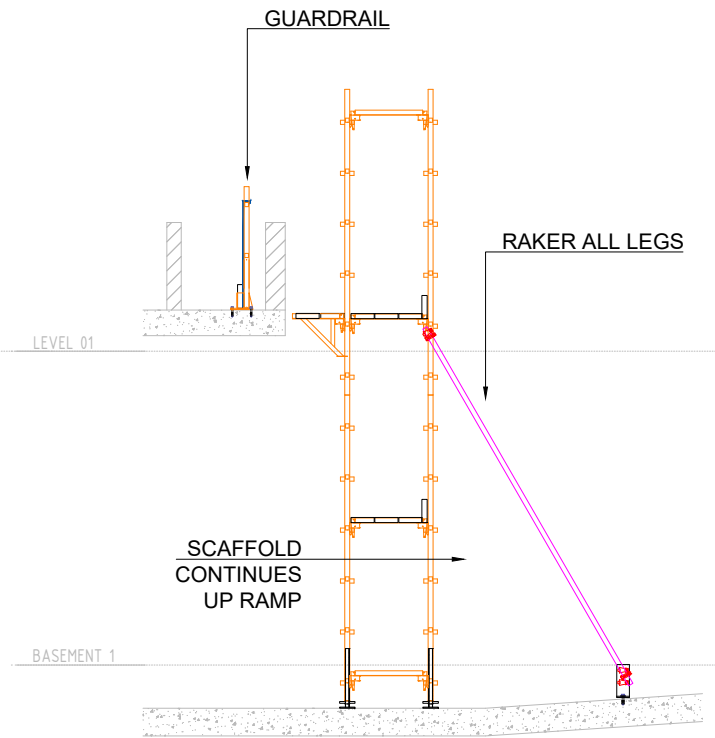
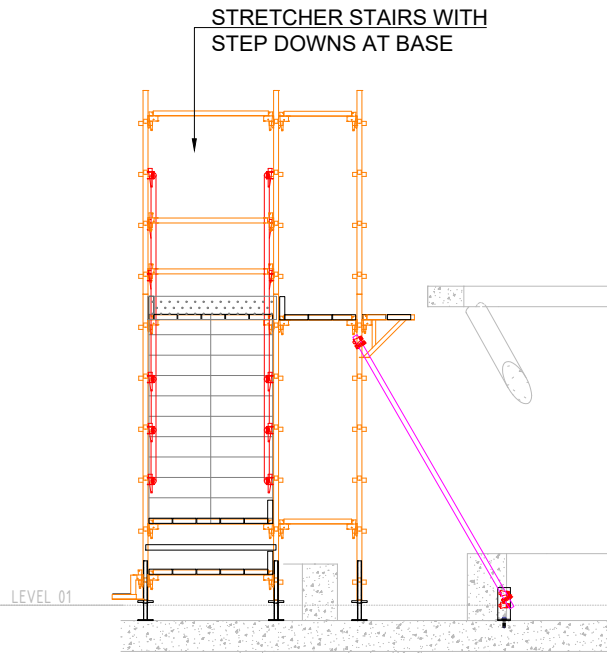
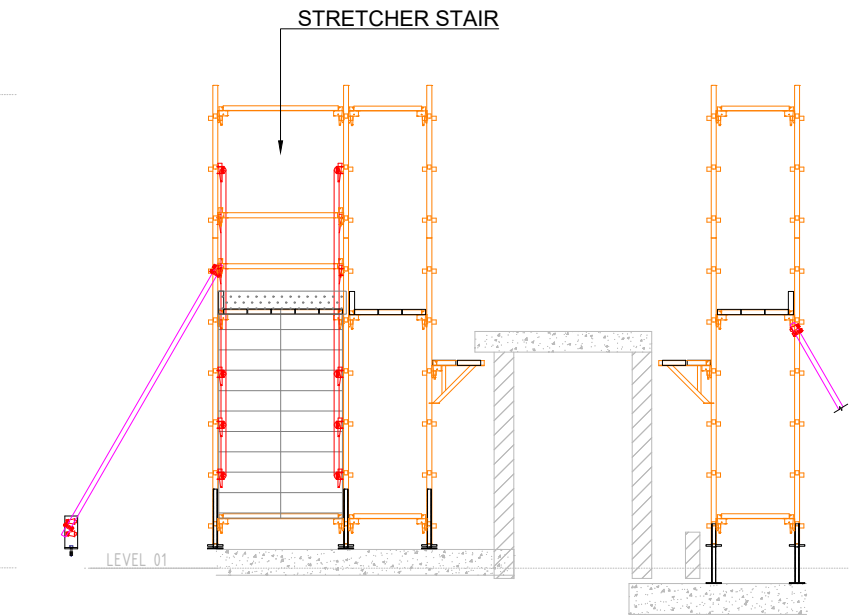
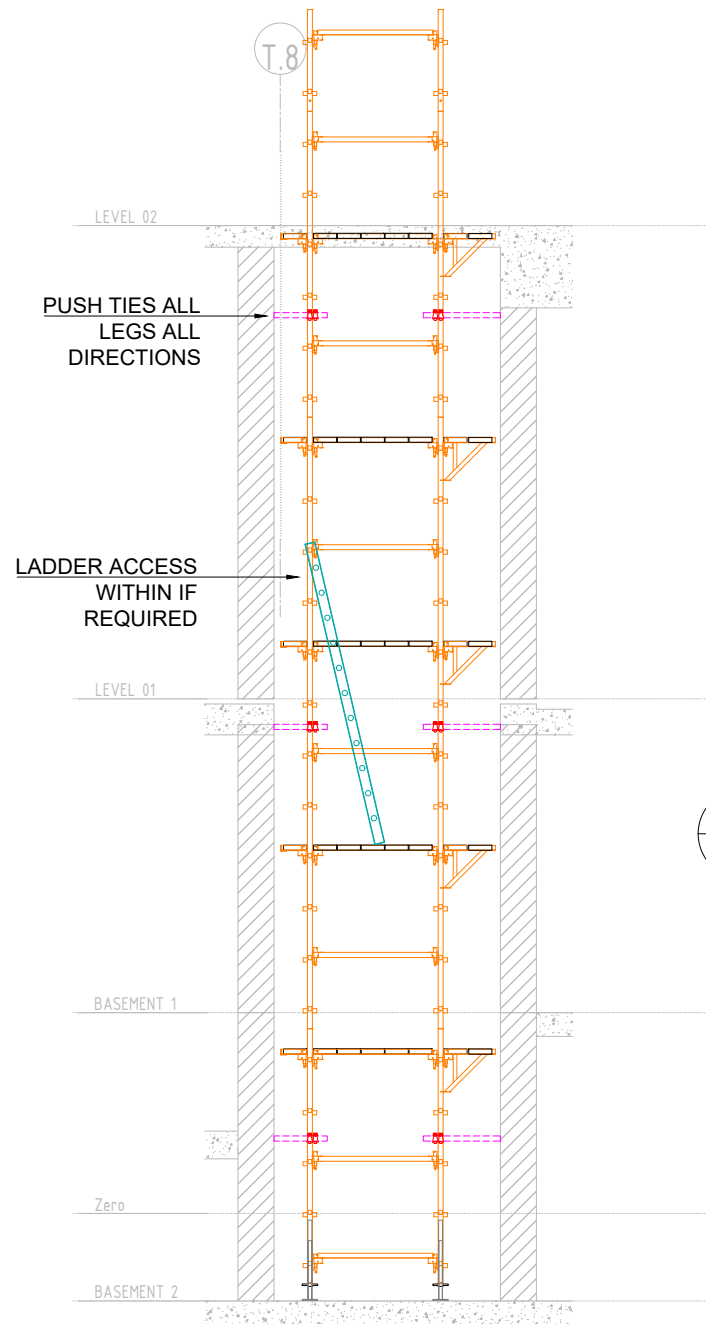
COGENT SCAFFOLDING
 Specialists in Scaffolding Solutions

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, 388 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@coagentscaffolding.com

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



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.



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

H 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

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

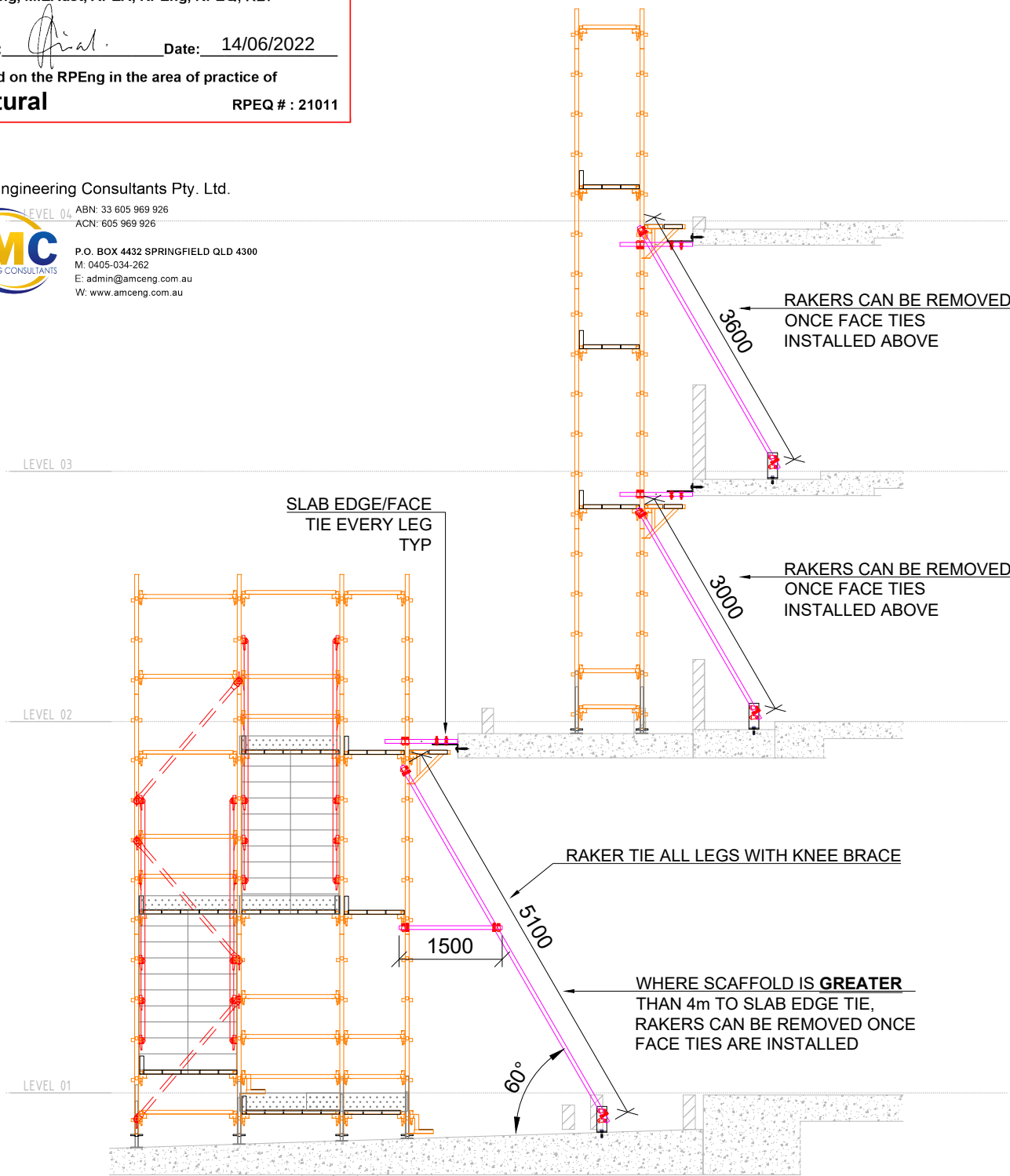
Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - SECTIONS KWIKSTAGE	COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qld 4014 Phone T 1300 550 149 info@cogentscaffolding.com.au
Drawn:	RT	
Date:	04/03/2022	
Comments:	-	
Drawing No.:	C320-02-02	

APPROVED

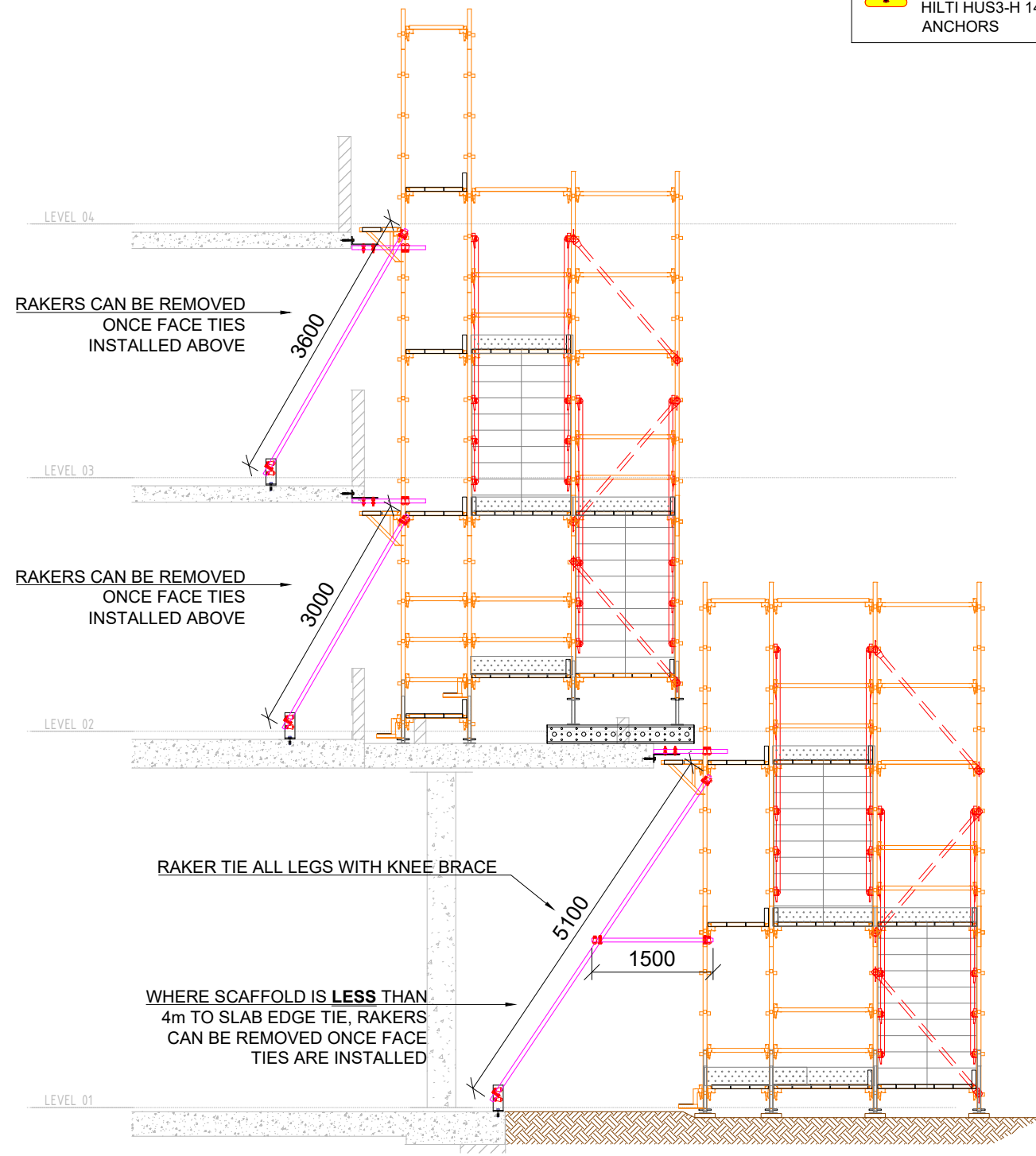
Registered Professional Engineer of Professional Australia
Arnel M. Climacosa
B.S.Civ. Eng, MIEAust, APEA, RPEng, RPEQ, RBP
Signature: _____ Date: 14/06/2022
Registered on the RPEng in the area of practice of
Structural RPEQ # : 21011

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



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

				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.				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			
H				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 =.....0.0.....kN Tie Type >..... Tie spacing to be as shown on drawing.							
G				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.				6. Responsibilities Wherever possible, risk is designed out of this proposal during the design process.							
F				Access				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.							
E				Working Lifts1.....No. @0.75.....kN/m ²															
D				Additional Lifts1.....No. @0.75.....kN/m ²															
C				Hop-Up Brackets1.....No. @0.75.....kN/m ²															
B				FOR CONSTRUCTION				Wind											
A				ADJUSTED AS PER CLIENT COMMENTS				Wind loads where applicable, have been calculated in accordance with AS 1170.2, Max. Design Wind Force.....kN/m ²											
Index				Revision				Date				drawn: checked:							

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

Specialists in Scaffolding Solutions

COGENT SCAFFOLDING Unit 6, 368 Earnshaw Road Banyo Qls 4014 Phone T 1300 550 149 info@coagentscaffolding.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

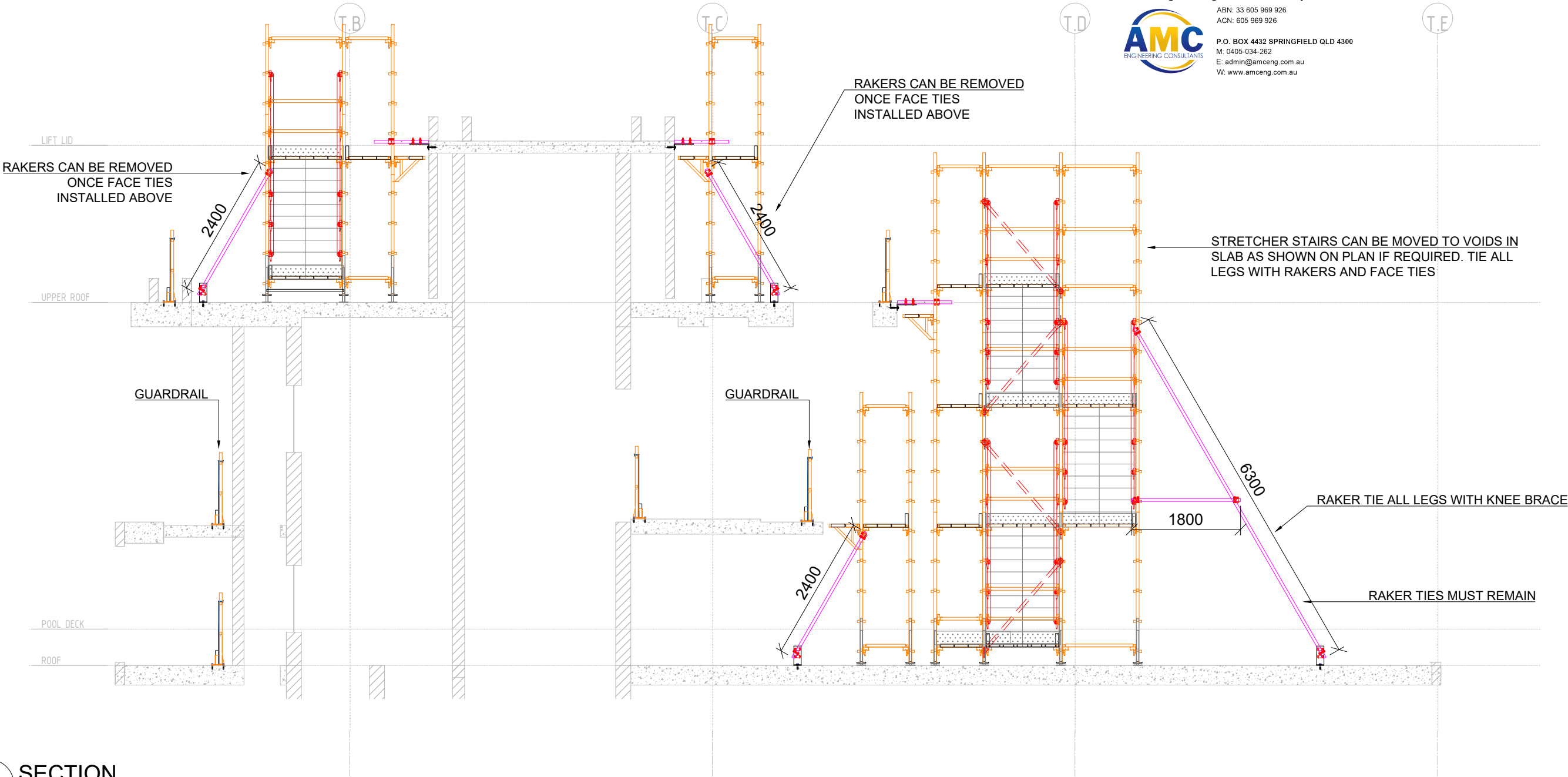
! SCAFFOLD DESIGN INCLUDES THE ALLOWANCE OF FULL CONTAINMENT SHEETING

! 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
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



O SECTION
-- SCALE 1:75 @ A3

ab

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
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 :-

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 - SECTIONS 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.:	C320-02-05	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

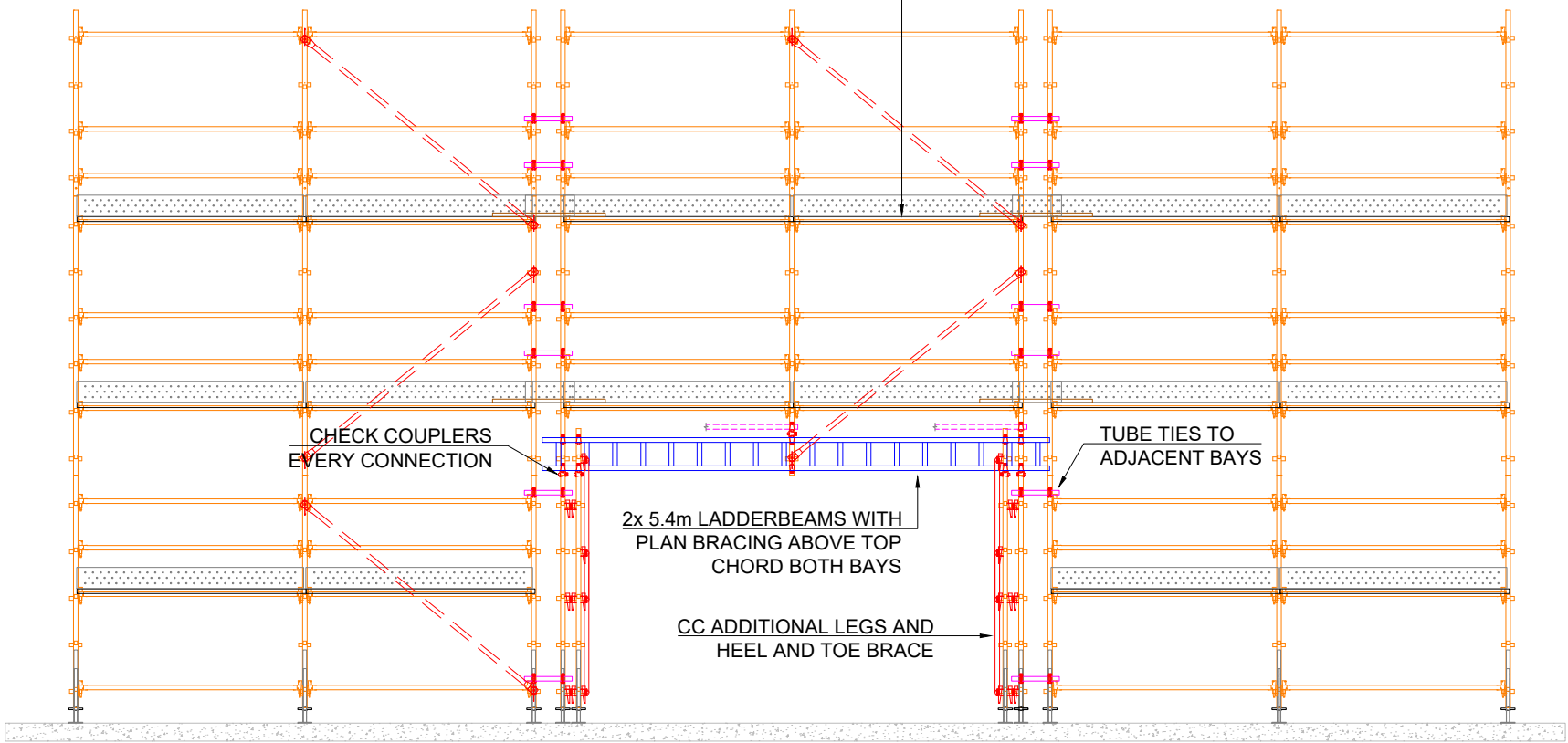
AMC Engineering Consultants Pty. Ltd.



ABN: 33 605 969 926
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

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

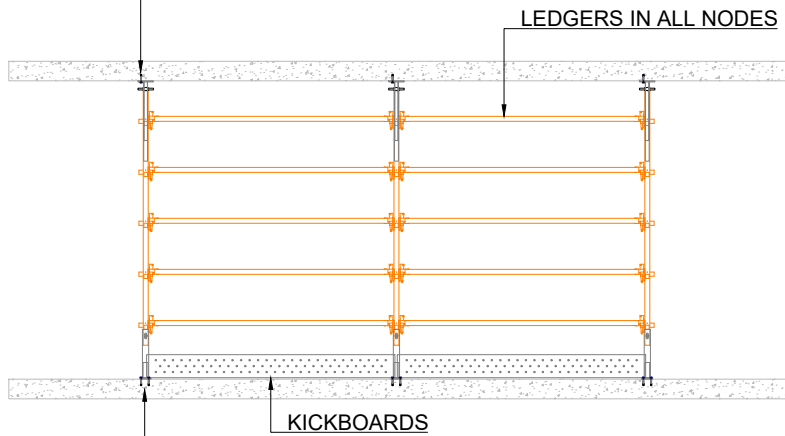


TYPICAL BAY ARRANGEMENTS SHOWN. HEIGHT BELOW BEAMS FOR HEAD CLEARANCE CAN BE ADJUSTED TO
ANY HEIGHT TO CLIENTS REQUIREMENTS. ALL SCAFFOLD LEGS MUST BE TIED TO STRUCTURE

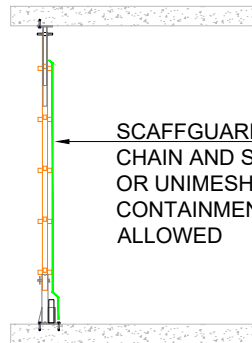
01 TYPICAL LADDERBEAM OPENING

SCALE 1:75 @ A3

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



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



SCAFFGUARDS OR
CHAIN AND SHADE
OR UNIMESH
CONTAINMENT
ALLOWED

02 TYPICAL PLANTER GUARDRAILS

SCALE 1:75 @ A3

ab

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.



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



FOR CONSTRUCTION

Details:	MIRVAC QUAY WATERFRONT NEWSTEAD PERIMETER SCAFFOLD - DETAILS 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.:	C320-03-01	B