

At dimensions and level to be verified on site by the contractor before commencing any work.

Any discrepancies are to be resolved with the author of the plan, prior to any commencement of work.

This drawing must not be scaled only figured dimensions to be used.

The author of this plan will not be held responsible for any injuries which occur on site.

All work carried out should comply with the standard and local building regulations.

All levels, dimensions and foundation depths to be determined on site.



REVISIONS	
R.	DESCRIPTION
0	2002/2025 ISSUED FOR SUBMISSION

NOTES

All dimensions and level to be verified on site by the contractor before commencing any work.

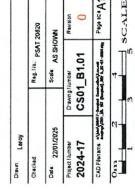
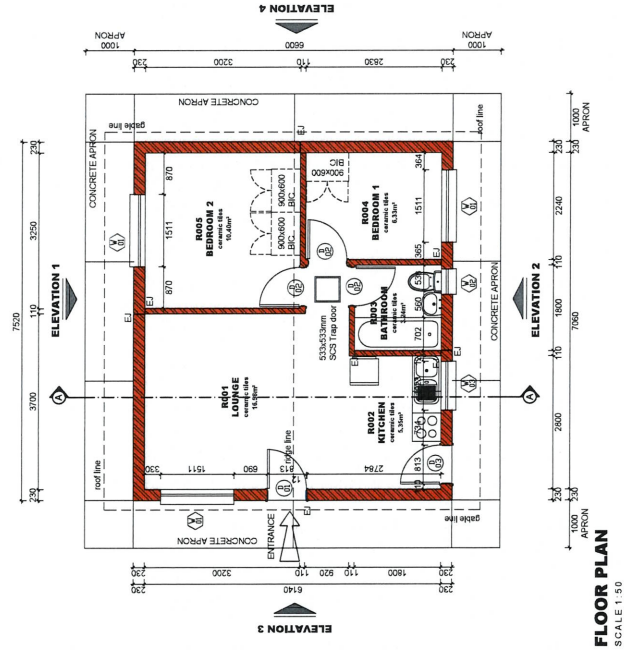
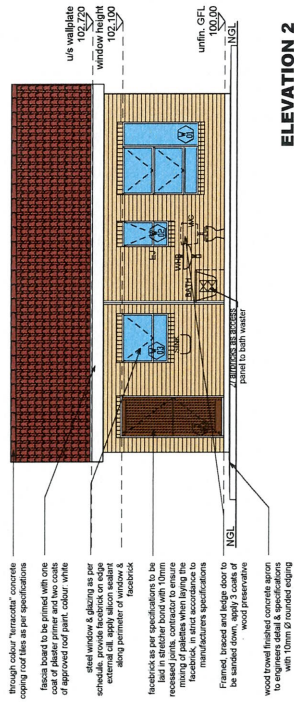
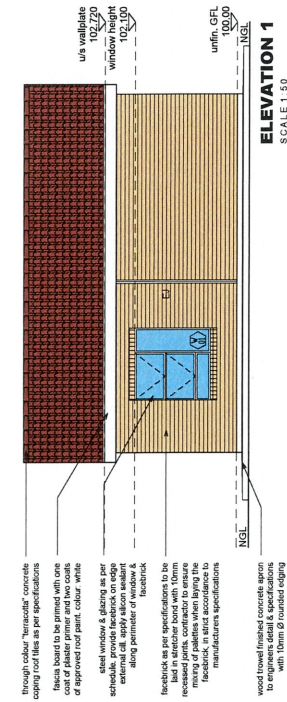
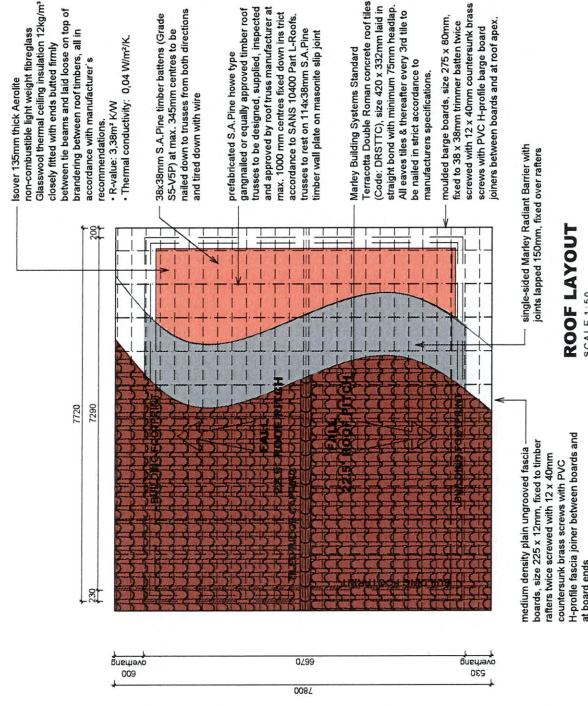
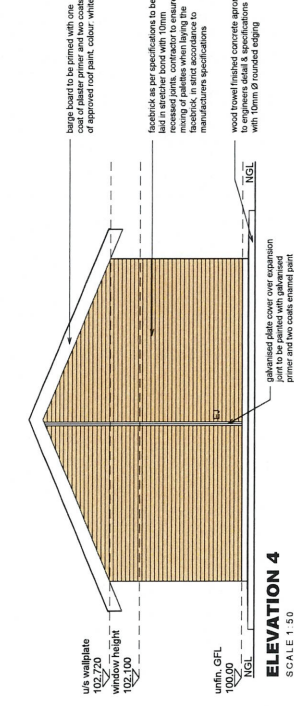
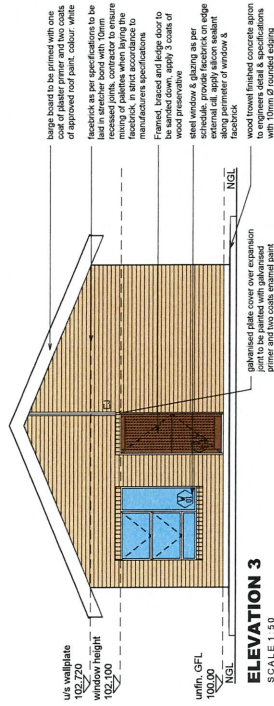
Any discrepancies are to be resolved with the author of the plan, prior to any commencement of work.

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TYPE B

TO BE READ IN CONJUNCTION WITH SITE LAYOUT PLAN

NOTES

All dimensions and level to be verified on site by the contractor before commencing any work.

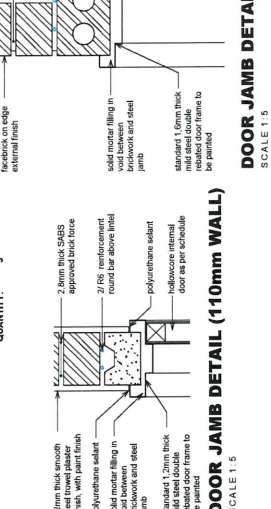
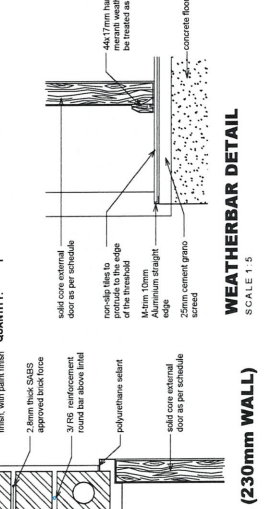
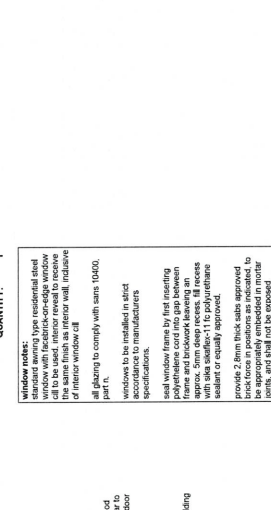
Any discrepancies are to be resolved with the author of this plan, prior to any commencement of work.

This drawing must not be scaled only figured dimensions to be used.

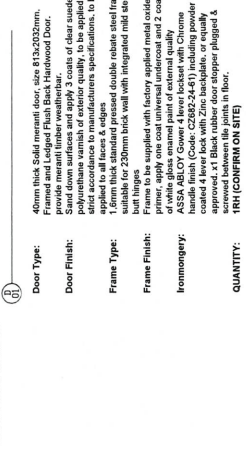
The author of this plan will not be held responsible for any inaccuracies which occur on site.

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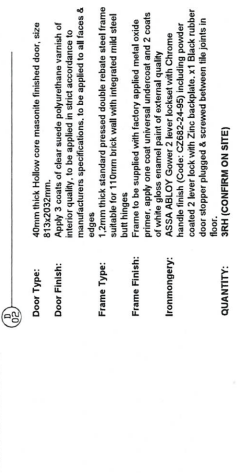
All levels, dimensions and foundation depths to be



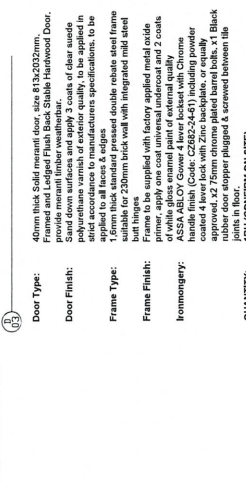
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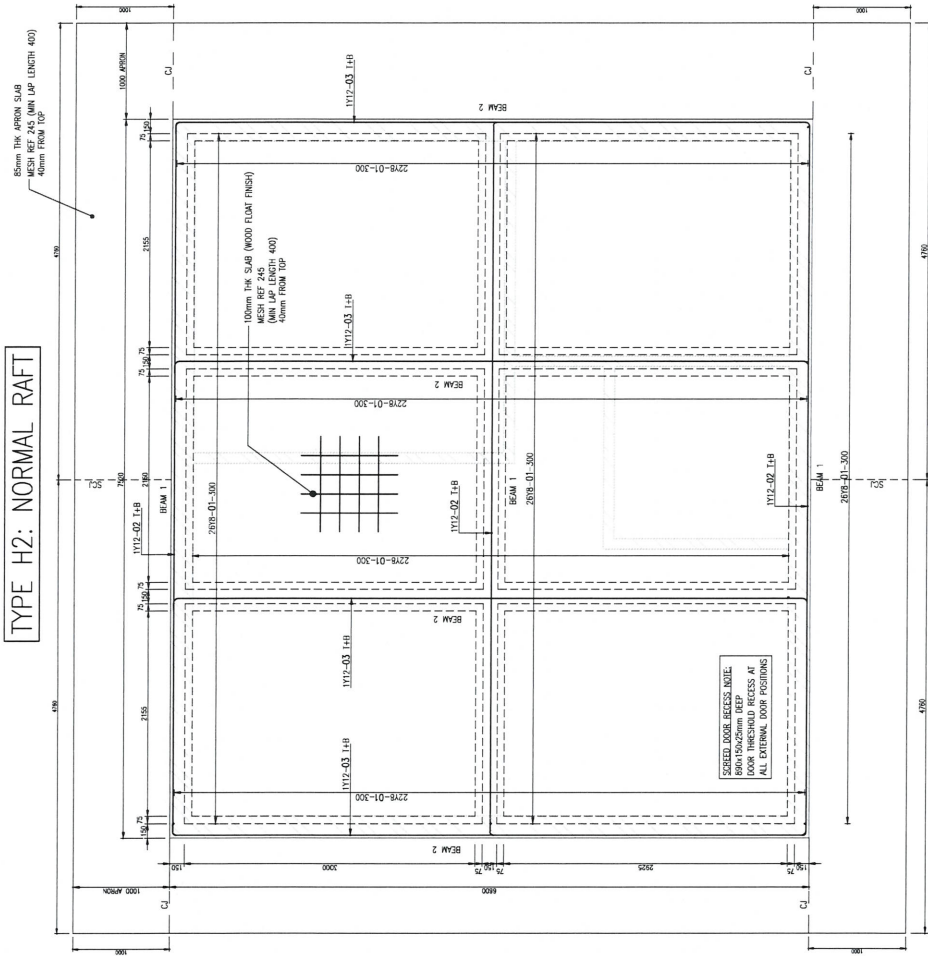
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SCALE 1:5

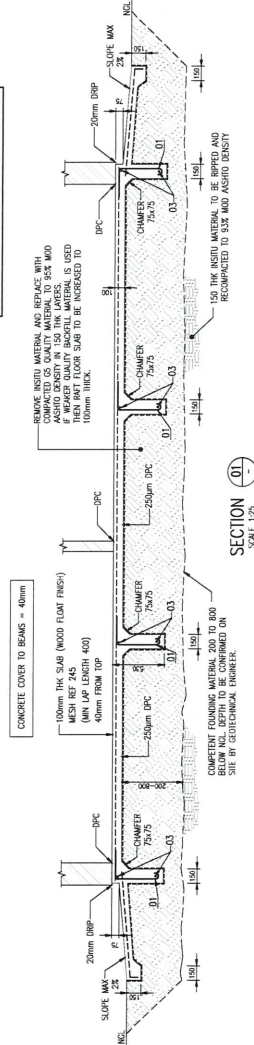


TYPE H2: NORMAL RAFT



HOUSE TYPE B
PLAN OF RAFT FOUNDATION
SCALE 1:25

NOTE
GEO-TECHNICAL ENGINEER TO CONFIRM
INDIVIDUAL INHERC SITE CLASS CLASSIFICATION
IN WRITING TO THE CONTRACTOR



SECTION
SCALE 1:25

HOUSE TYPE B – TYPE H2: NORMAL RAFT

MEMBER	NO OF BASES	NO DIA	CUT LENGTH	TOTAL	BAR MARK	SC	A	B	C	D	E/R	kg
B/HZ BEAM 1	3	26	18	800	78	01	85	300	450	70	40	25
B/HZ BEAM 2	3	2	112	7650	6	02	38	120	7460	120	40	41
B/HZ BEAM 2	4	22	18	800	88	01	85	300	450	70	40	28
B/HZ BEAM 2	4	2	112	6750	8	03	38	120	6540	120	40	48
Y	6	8	10	12	12	16	20	25	32	40		TOTAL
R					89							141
TOTAL					89							141

- NOTES:
- DRAWINGS MUST NOT BE SCALED. ALL MEASUREMENTS TO BE CONFIRMED ON SITE.
 - DRAWINGS TO BE READ WITH THE GENERAL NOTES DRAWING AND ALL TYPICAL DETAIL DRAWINGS WHERE APPLICABLE.
 - DRAWINGS TO BE READ WITH THE ARCHITECT'S NOTES AND ALL TYPICAL DETAIL DRAWINGS WHERE APPLICABLE.
 - DRAWINGS TO BE READ WITH THE PROJECT SPECIFICATIONS AND APPLICABLE STANDARDS CODES.
 - REFER TO 2334.11.12.SUA.14.A001 FOR GENERAL NOTES AND DETAILS.

REVISION		DATE	DESCRIPTION	APPROVED BY
A.0	2024/07/25	ISSUED FOR TENDER		D. BRYAN

PROJECT TITLE
LERATO PARK
12 MILITARY
VETERAN HOUSES

DRAWING TITLE
HOUSES TYPE B
RAFT FOUNDATION TYPE H2



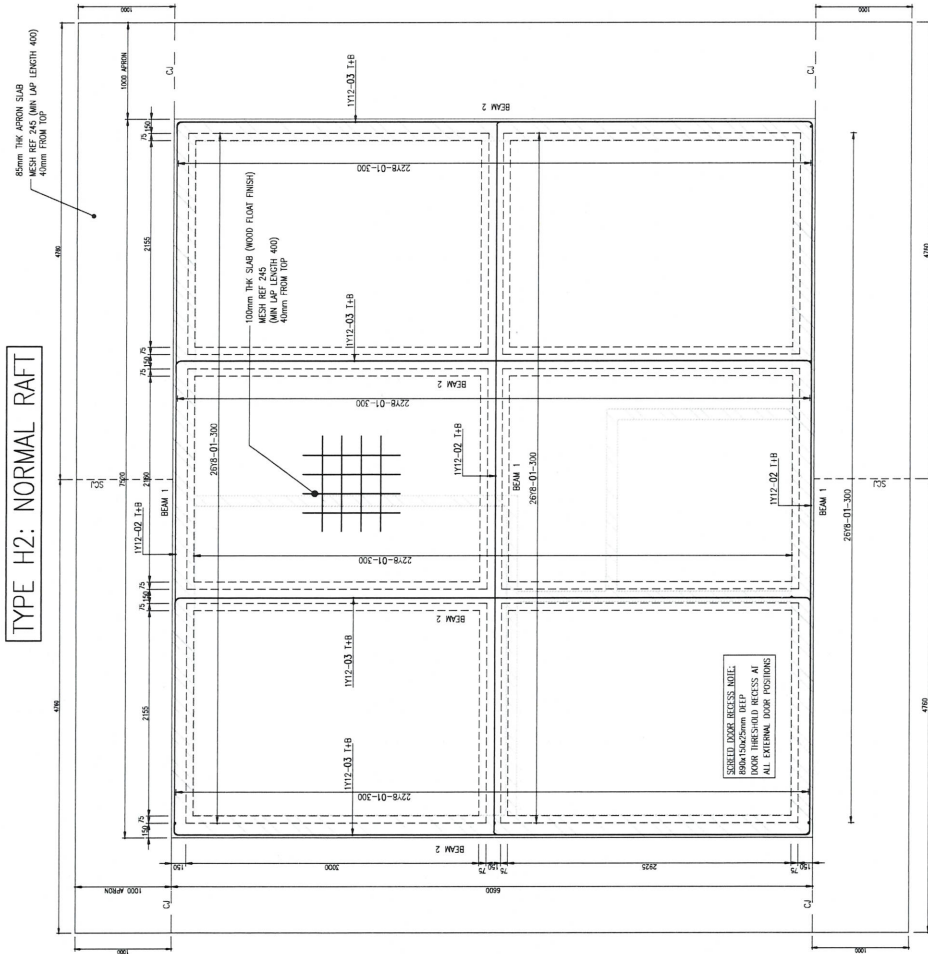
www.bigen.co.za
Alan Gurnah Street
The Waterfront Hub
Pretoria
Phone: +27 (0) 11 843 8700
info@bigen.co.za

GENERAL DRAWING		DATE	DESCRIPTION	APPROVED BY
A.0	2024/07/25	ISSUED FOR TENDER		D. BRYAN

APPROVED ON BEHALF OF CLIENT
NAME: _____
DATE: _____
CLIENT REF No: _____

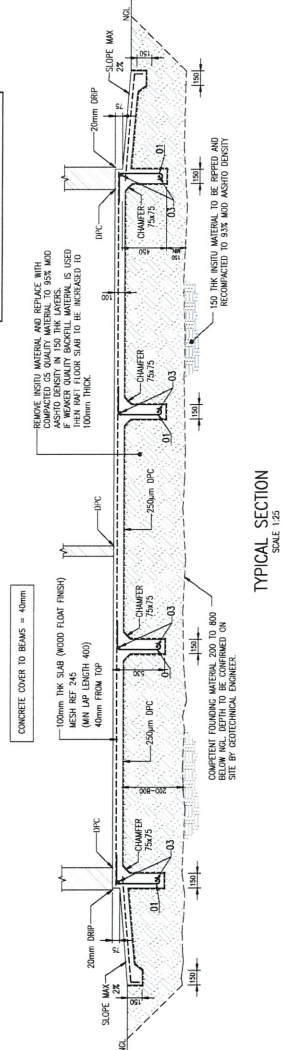
APPROVED ON BEHALF OF ENGINEER
NAME: _____
DATE: _____
CLIENT REF No: _____

TYPE H2: NORMAL RAFT



HOUSE TYPE A
PLAN OF RAFT FOUNDATION
SCALE 1/25

NOTE
GEO-TECHNICAL ENGINEER TO CONFIRM
INDIVIDUAL RHIBRIC SITE CLASS CLASSIFICATION
IN WRITING TO THE CONTRACTOR



TYPICAL SECTION
SCALE 1/25

HOUSE TYPE A – TYPE H2: NORMAL RAFT

MEMBER	NO	NO OF BARS	CUT LENGTH	TOTAL	BAR MARK	SC	A	B	C	D	E/R	kg
A/1/2 BEAM 1	3	26	18	800	78	01	85	300	450	70	40	25
A/1/2 BEAM 2	3	2	7550	6	02	38	120	7480	120			41
A/1/2 BEAM 2	4	22	18	800	88	01	85	300	450	70	40	28
	4	2	7550	6	03	38	120	6540	120			48
	6	8	10	12	16		20	25	32	40		
	Y	52		89								141
	R											
TOTAL		52		89								

NOTES:

1. DRAWINGS MUST NOT BE SCALED. ALL MEASUREMENTS TO BE CONFIRMED ON SITE.
2. DRAWINGS TO BE READ WITH THE GENERAL NOTES DRAWING AND ALL TYPICAL DETAIL DRAWINGS WHERE APPLICABLE.
3. DRAWINGS TO BE READ WITH THE ARCHITECTS NOTES AND ALL TYPICAL DETAIL DRAWINGS WHERE APPLICABLE.
4. DRAWINGS TO BE READ WITH THE ARCHITECTS NOTES TO THE RESPONSIBLE ENGINEER IMMEDIATELY.
5. SPECIFICATIONS AND APPLICABLE SANS 1200 CODES. REFER TO 2334.11.12.SUA.14.A01 FOR GENERAL NOTES AND DETAILS.

SURVEY DATA:

VERSION			APPLY BY	
NO.	DATE	DESCRIPTION	ISSUED FOR TENDER	D. STATION
A.1	2020/07/25			

PROJECT TITLE

LERATO PARK
12 MILITARY
VETERAN HOUSES

DRAWING TITLE

HOUSES TYPE A
RAFT FOUNDATION TYPE H2



Doing good while
doing business

www.bigen.co.za

Atteridgeville
The Foundation
Pretoria

Phone: +27 (0) 12 843 8100

email: info@bigen.co.za

REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR TENDER

APPROVED ON BEHALF OF CLIENT	
NAME	DATE

APPROVED ON BEHALF OF ENGINEER	
NAME	DATE

DRAWING NO.	
2334.11.12.SUA.14.U001	A.0

APPROVED ON BEHALF OF CLIENT	
NAME	DATE

CLIENT REF NO.	

1. DRAWINGS MUST NOT BE SOILED. ALL MEASUREMENTS TO BE CONFIRMED ON SITE.
2. DRAWINGS TO BE READ WITH THE GENERAL NOTES DRAWING AND ALL TYPICAL DETAIL DRAWINGS WHERE APPLICABLE.
3. DRAWINGS TO BE READ WITH THE ARCHITECTS DRAWINGS AND ALL DISCREPANCIES TO BE REPORTED TO THE RESPONSIBLE ENGINEER IMMEDIATELY.
4. DRAWINGS TO BE READ WITH THE PROJECT SPECIFICATIONS AND APPLICABLE SANS 1200 CODES.

[illegible]

CERTIFIED AS-BUILT FOR CONTRACT : _____
 ECSSA Reg. No: _____
 _____ ENGINEER _____ DATE _____

[illegible][illegible]

PROJECT TITLE:

LERATO PARK
32 MILITARY VETERAN HOUSES

DRAWING TITLE:

GENERAL NOTES AND DETAILS

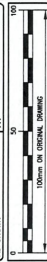
DATE: JULY 2018	CO-ORDINATE SYSTEM:
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AS SHOWN

A1

0 50 100

100mm ON ORIGINAL DRAWING



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driving business

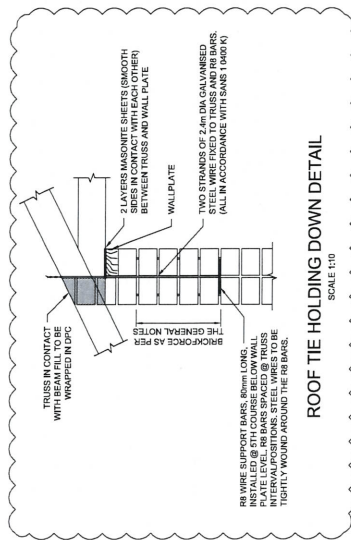
Allan Cormack Street
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Perseus Pretoria
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The Innovation Hub
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0087

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Fax + 27 (0) 12 843 9000/9001
E-mail: pretoria@bigen.co.za
www.bigen.co.za

SURVEYED		DESIGNED	M DE BEER
DRAWN	A ELS	CHECKED	M DE BEER
APPROVED ON BEHALF OF BUREAU:			
ENGINEER:		ECSA Reg. No: 20130534	
DATE:		2018/07/31	

DRAWING NO:	2334.11.12.SUA.14.A001
VERSION:	B.0

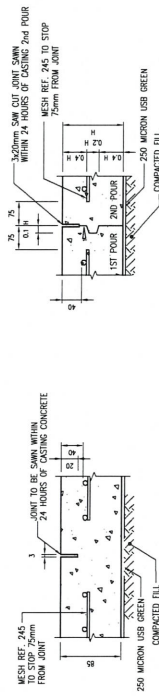
APPROVED: _____ DATE: _____
 CLIENT OR ASSIGNEE: _____
 CLIENT: _____
 DRAWING No.: _____
 CLIENT: _____
 REF No.: _____



ROOF TIE HOI DING DOWN DETAIL



SPRICKWORK JOINT DETAILS



CONSTRUCTION JOINT DETAIL

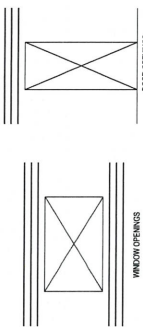
ON JO

SAW CUT DETAIL

10

SPECIFICATIONS

- [illegible]



7. LAYERS PER COURSE ABOVE AND BELOW ARCHWAYS ABOVE DOOR.
8. LAYERS PER COURSE ABOVE AND BELOW ARCHWAYS ABOVE WINDOW.
9. EVERY 4 COURSES IN ALL BRICKWORK.
10. EVERY 6 COURSES IN ALL BRICKWORK.
11. ALL COURSES IN BRICKWORK ABOVE WINDOW AND DOOR OPENINGS UP TO WALL PLATE LEVEL.
12. ALL COURSES IN BRICKWORK ABOVE WINDOW AND DOOR OPENINGS UP TO WALL PLATE LEVEL.
13. CONTRACTOR TO ALLOW FOR AT LEAST A 10mm TOLERANCE BETWEEN SORTED OF BRICKS & SLIMS AND ALUMINUM CHANNELS.
14. PROVIDE LAYERS OF DPC SHEET ON TOP OF ALL MASON BEARING WALLS, TOP OF WALLS TO SMOOTH AND LEVEL.
15. PROVIDE JOINTS IN ALL BRICKWORK AS PER TYPICAL DETAILS AT MAX 500mm or less as per ARCHITECT.
16. ALL JOINTS TO BE PROVIDED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

