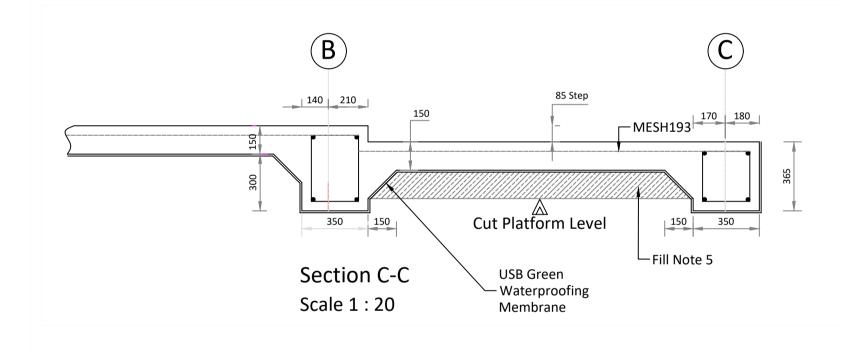


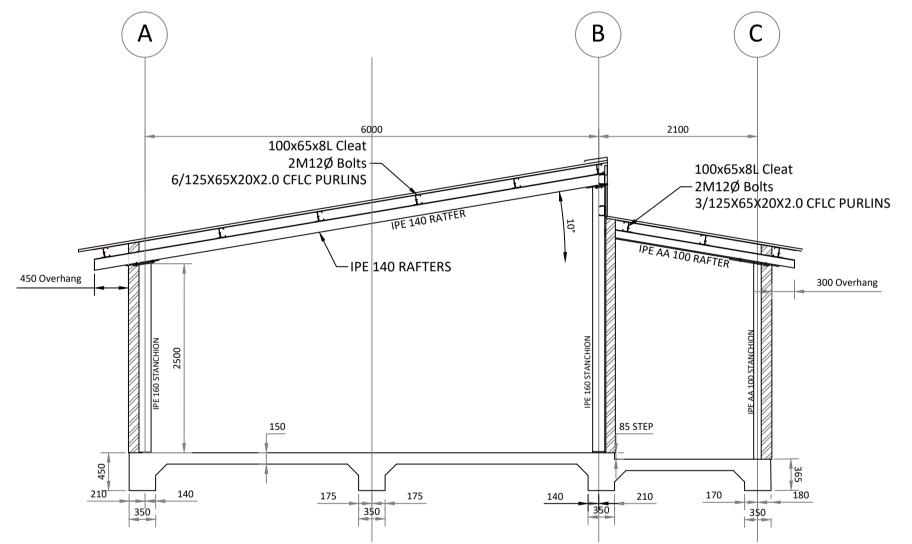
Raft Foundation Reinforcement Scale 1:75

5000
6/125x65x20 CFLCR
A
0009 B
C C
3/125x65x20 CFLCR 50x50x5L Vertical Cross Bracing Behind translutent sheeting 50x50x5L Rafter Bracing 2/125x65x20x2.5(CFLC Sheeting)

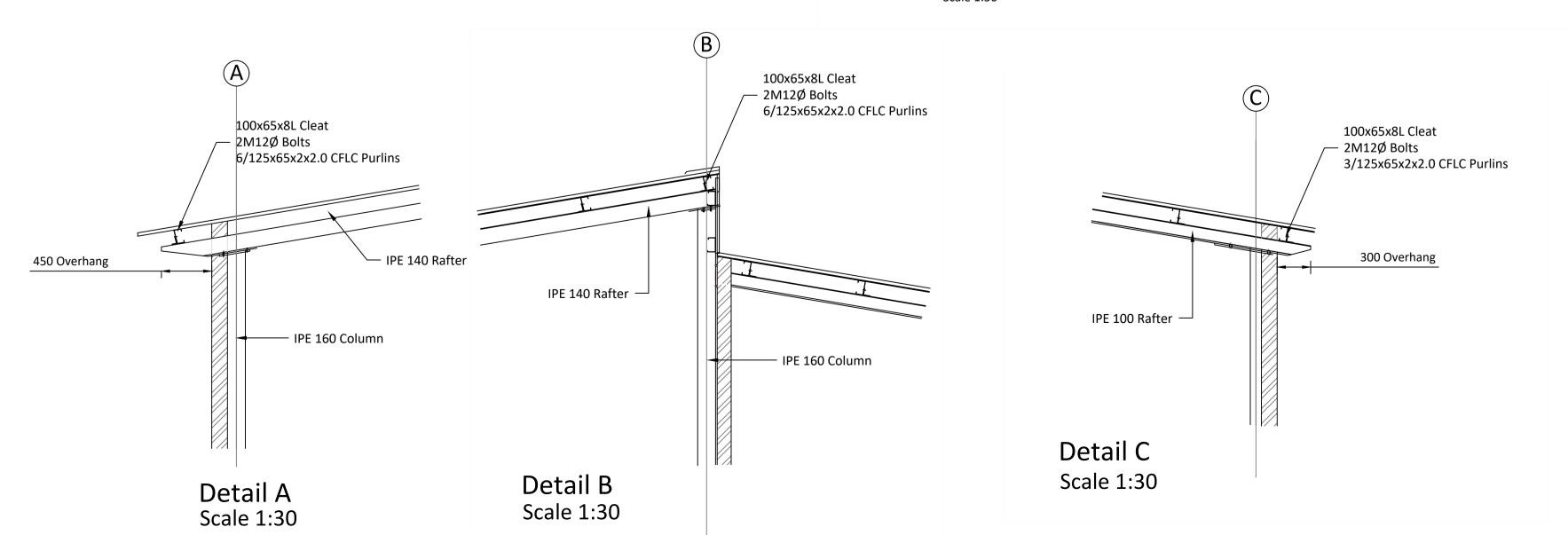
ROOF PLAN
ROOF PLAN
Scale 1:100
Jeane 1.100

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Consulting Engineers										eno	ugh memor ge, or the ir	y to open mage may	the nave
BAR BENDING SCHEDULE										bee	n corrupted	l. Restart y	our
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	Total Weight			Of Steel	202	.7	Kg		again. If the red x still appears, you may have to delete the				
PROJECT:	FCF) Unit					17018			imaç	ge and then	insert it a	gain.
- ROJECT	LOL	Jint	_		_								
						CHEDULE							
SSUED TO :	Clie	nt				Page No.	01						
	BAR MARK	TYPE AND SIZE	No. OFF	No. IN EACH	TOTAL No.	LENGTH OF BAR mm	SHAPE	A mm	B mm	C mm	D mm	E/r mm	Weight Of Bar Kg
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RAFT	01	Y10	1	12	12	8390	20	8390					62.02
FOUNDATION	1												
									<u> </u>				
	04	Y10	1	16	16	5240	20	5240					51.65
									+				
											1		
	07	Y10	1	16	16	1480	37	750	750				14.59
	08	R8	1	145	145	1300	60	350	250				74.46
	- 55	110	<u>'</u>	170	140	,000	- 55	330	200				17.40
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TYPICAL SECTION
Portal Frame At 5000 c/c
Scale 1:50



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Notes

FOUNDATION 50 KN/sq.m 1.Bearing pressure to foundations: 2.Foundation Bearing Stratum must be inspected by Engineer before casting. 3.Concrete strength at 28 days : 4.Cover to Reinforcement : 5.Raft Foundations:

Imported fill to underside of raft foundation to be a material with a P.I not greater than 12 and compacted to a CBR not less than 30 at 95% Mod AASHTO density And To extend 1000mm around Perimeter. 6. All drainage pipes to be installed and sleeved before

casting of raft foundations.

7. Drawing to be read in conjunction with architects and other relevant drawings.

8. All setting out dimensions and level to be checked on

9. This drawing is not to be scaled

10. Abbreviations: B - Bottom face N.F - Near Face T - Top Face F.F - Far Face SFG - Staggered B.F - Both Faces

ALT - Alternately A.B.R - Alternate Bars Reserved TYP - Typical 11. The structural certificate issued to the Municipality to obtain plan approval is issued with the following conditions:

1. Placing of reinforcement to be inspected and approved

by Hemingway And Associates prior to casting concrete. 2. Independent concrete cubes are to be taken and tested . Ready mix delivery notes are not acceptable. Failure to comply with the above conditions may result in the withdrawal of the Structural Certificate or refusal to issue Certificate of Completion of Structural System.

12. Provide slip joints between brickwork and concrete slabs and beams by leveling up and toweling smooth the bearing surfaces of brickwork with 3:1 cement mortar, then cover the bearing walls with two layers of 0.25 mm (250 micron) DPC"Brickgrip" before the concrete is cast.

13. All waterproofing, screeding and full bore outlets to architects details.

Ref Number Description

By Chk Rev Date Suffix Revision Details

LIMA

Ladysmith xxxxxxxxxxx P.O.Box XX XXXX Kwazulu-Natal Fax: (XXX) XXX-XXXX Tel.: (XXX) XXX-XXXX

Approved On Behalf Of Client

HEMINGWAY AND ASSOCIATES cc Consulting Engineers

Fuschia Grove Farm D183 Mount West P.O. Box 91 Mooi River 3300 Kwa-Zulu Natal South Africa

Email: Rob.Archer@bundunet.com Cell: +27 (83) 460-9356

Approved On Behalf Of Hemingway And Associates

By: (Pr. No.)

Signature: Date: Project

TYPE C Stand Alone 1 Class Room

Foundation and **Roof Structural Details**

17018	SC101	
Project Number	Drawing Number	Revision
M.S.H.	M.S.H.	22-Jan-1
Check	Tech Check	Date
N.G.K.	M.S.H	
Drawn	Designer	
As Shown		
Scale		