



CONSTRUCTION

	FORBURN, HOBBS LTD Type: RAINFALL ROAD, HAARAT	
	Project: PROPOSED RESIDENTIAL DEVELOPMENT DRAINAGE LAYOUT	
	Location: CONSTRUCTION	Scale: 1:200 @ A4
Drawing No: SHAWROOH	Designed by: HAAILI DRAINS	Approved by: HAAILI DRAINS
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Ref	Membrane Cover		Invert Level (m)	Depth Size / Construction	Cover Grade
	Level	Area (m ²)			
S1	7.50	6.40	1.10	B	B175
S2	7.37	6.40	0.97	B	D400
S3	7.32	6.40	0.92	B	D400
S4	7.15	6.40	0.75	B	D400
S5	7.15	6.40	0.75	B	D400
S6	7.15	6.40	0.75	B	D400
S7	7.15	6.40	0.75	B	D400
S8	7.15	6.40	0.75	B	B175
S9	7.15	6.40	0.75	B	D400
S10	7.15	6.40	0.75	B	D400
S11	7.15	6.40	0.75	B	D400
S12	7.15	6.40	0.75	B	D400
S13	7.15	6.40	0.75	B	B175
S14	7.38	6.40	0.98	B	D400
S15	7.15	6.40	0.75	B	B175
S16	7.15	6.40	0.75	B	B175
S17	7.42	6.40	1.02	B	B175
S18	6.75	6.00	0.75	B	B175
S19	6.75	6.00	0.75	B	D400
S20	6.75	6.00	0.75	B	D400

Material ID	Material Name	Unit	Weight (kg)	Volume (m³)	Strength (MPa)	Modulus (GPa)	Durability Index
M001	Concrete	m³	2400	1.0	30	25	85
M002	Reinforcing Steel	kg	7850	0.1	460	200	90
M003	Brick	m³	1800	0.6	10	15	70
M004	Gravel	m³	1500	0.7	5	10	60
M005	Sand	m³	1600	0.7	3	8	55
M006	Insulation	m³	800	0.3	0.1	0.05	40
M007	Plaster	m²	1000	0.02	10	10	65
M008	Paint	kg	1200	0.001	15	0.01	75
M009	Sealant	kg	1100	0.001	20	0.01	80
M010	Adhesive	kg	1300	0.001	25	0.01	85

REFER TO HDL DRG. Nos. 14-2260-510
FOR EXTERNAL WORKS/DRAINAGE DETAILS

SIZE OF SOAKAWAYS SUBJECT TO RESULT OF
PERCOLATION TESTS

SOAKAWAYS TO BE LOCATED A MINIMUM OF 5m FROM ANY FOUNDATION

C1	CONSTRUCTION	HDL/01.15	HDL/01.15	HDL/01.15
P6	PRELIMINARY	HDL/11.14	HDL/11.14	HDL/11.14

P5	PRELIMINARY	HDL/11.14	HDL/11.14	HDL/11.14
P4	PRELIMINARY	HDL/10.14	HDL/10.14	HDL/10.14
P3	PRELIMINARY	HDL/10.14	HDL/10.14	HDL/10.14

P2	PRELIMINARY	HDL/09.14	HDL/09.14	HDL/09.14
P1	PRELIMINARY	HDL/06.14	HDL/06.14	HDL/06.14

PROJECT NO.	REV. DATE	REV. DATE	REV. DATE
ORIGINAL DRAWING SIZE - A1		X-REFS:	

Client	FOREMAN HOMES LTD
Project	RANFACH ROAD HAVANT

Drawing Title		
PROPOSED RESIDENTIAL DEVELOPMENT		
DRAINAGE LAYOUT		
Purpose	Project No.	Scale

LIMITED Consulting Civil and Structural Engineers	CONSTRUCTION		Issuing Office SMANORE	Drawing Number 14-2260-500	Version C1
	Designed	1:200 @ A0			

NOTES

1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED WITHOUT APPROVAL.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWINGS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF BOTH PARTIES IMMEDIATELY.
3. ANY DIMENSIONS/ELEMENTS NOTICED 'not' REFER TO ASSUMED/EXISTING DIMENSIONS WHICH ARE TO BE SITE CHECKED PRIOR TO THE COMMENCEMENT OF ANY WORK.

DRAINAGE NOTES:

[illegible]