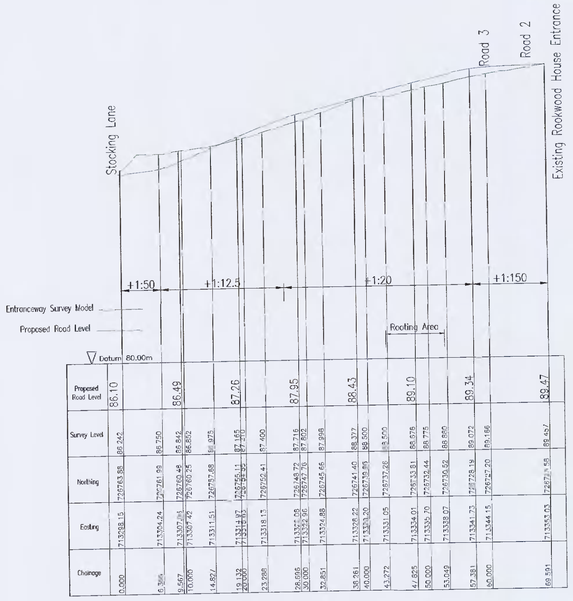
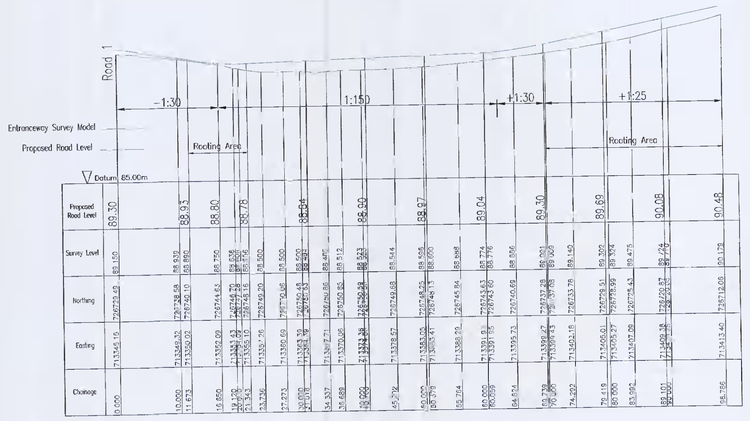
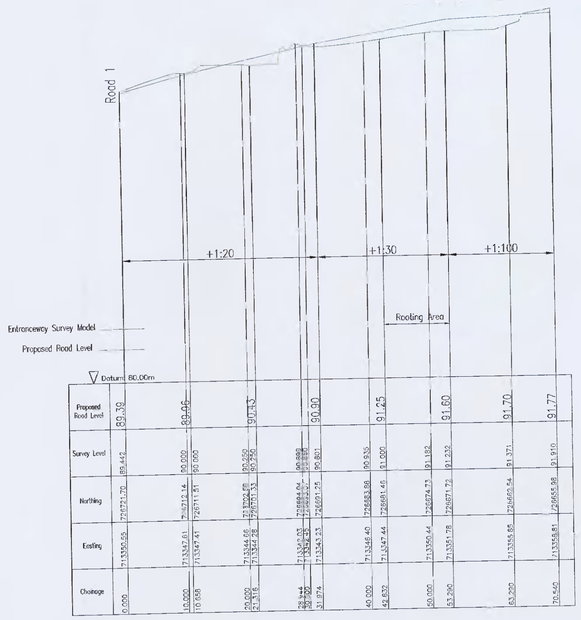


ROAD 1
Scale: H=1:500 / V=1:100



ROAD 3
Scale: H=1:500 / V=1:100



ROAD 2
Scale: H=1:500 / V=1:100

Road Construction - Unbound Layers

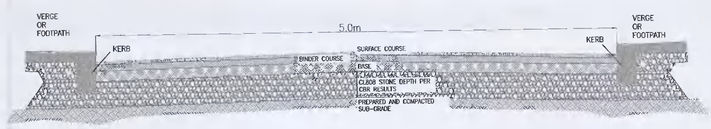
Condition of Underlying Material	Internal Site & Housing Estate Roads	
	Capping	Sub-Base
	mm	mm
Subgrage CBR > 5%	-	250
Subgrage CBR 4% to 5%	-	325
Subgrage CBR 3% to 4%	-	400
Subgrage CBR 2% to 3%	325	150
Subgrage CBR 1% to 2%	450	150
Subgrade CBR <1%	*	
On Constructed Fill Class 1 & 2	450	150
On Constructed Fill Class 6	-	150

Capping Layer - Cl. 613, Fill Class 6F1 / 6F2
Sub-Base Layer - Granular Fill Cl. 808
* Remove material to more suitable stratum and place embankment fill Class 6

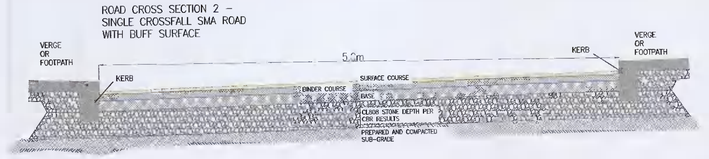
Road Construction - Bound Layers

Construction layer	Depth in Main Road	Depth in minor road	Depth in parking bay	Material
	mm	mm	mm	
Base	125	80	100	Dense Macadam Base (Asphalt Concrete) to Series 900, Table 3
Binder Course	40	50		Dense Macadam (Asphalt Concrete) Binder to Series 900, Table 3
Surface Course	40	40	40	Close Graded SMA surface course to Cl 912, complying with BS 4987

ROAD CROSS SECTION 1 –
STANDARD SMA ROAD

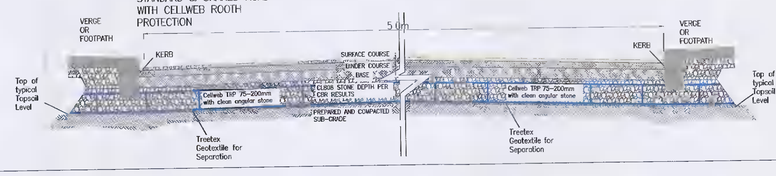


ROAD CROSS SECTION 2 –
SINGLE CROSSFALL SMA ROAD
WITH BUFF SURFACE



ROAD CROSS SECTION 3 –
SMA ROAD WITH BUFF
SURFACE

ROAD CROSS SECTION 4 –
STANDARD & SHARED ROAD
WITH CELLWEB ROOTH
PROTECTION



NOTES A1

1. Figured Dimensions Only to be Taken from this Drawing. All Dimensions to be Checked on Site.
2. This drawing to be read in Conjunction with all other Architectural & Engineering drawings & all other relevant drawings & Specification.

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Rev	Date	By	Revision
G	11/03/22	ML	Layout Revised as per received on 18/11/21 Road levels revised slightly.
B	16/12/20	ML	Roads 1 & 3 levels revised Minor amendments

Status
FOR PLANNING

Client / Architect
Ms Brenda Weir

Project
Rookwood, Ballyboden

Drawing Title
Proposed Road – Longitudinal and Typical Cross Sections

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Drawn By	ML	Scale	As shown
Latest Rev by		Date	11 Nov. '20
Drg.No.	G1162-20		G