0108

TYPICAL ROAD DETAILS SHEET 1 OF 2

PAVEMENT AS SPECIFIED

SUB BASE MATERIAL

Scale: NTS

ORDNANCE SURVEY IRELAND LICENCE NO CYAL50217544 ©ORDNANCE SURVEY IRELAND / GOVERNMENT OF IRELAND

REFER TO 125mm

CONCRETE KERB

1.8m FOOTPATH

TOP OF EXISTING

EXISTING

PAVEMENT SURFACE

AFTER PLANING

— PAVEMENT

300(min)

EXISTING

PAVEMENT

DWG 0104

DETAIL "A"

CROSS FALL TO BE

MAINTAINED AND

EXTENDED TO REAR OF

NEW PAVEMENT

REGULATING COURSE (IF REQUIRED)

- EXISTING PAVEMENT $\,\,\,\,\,\,\,\,\,\,\,$ EXISTING PAVEMENT TO BE

ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH

2. WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 300mm (MIN) WITH BINDER COURSE AND SURFACE COURSE TO BE EACH

TRANSVERSE JOINT BETWEEN EXISTING & NEW PAVEMENT

SCALE 1:10

1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A

300(min.)

BROKEN OUT

OVERLAY

PROPOSED ADDITIONAL

PAVEMENT

(WIDTH VARIES)

BASE COURSE_

BINDER COURSE _

SURFACE COURSE —

NEW PAVEMENT

SUB BAS

EDGE

CLAUSE 920 & TII SPECIFICATION FOR WORKS.

STEPPED IN A FURTHER 300mm (MIN) RESPECTIVELY.

PAVEMENT SPECIFICATION
40mm ASPHALT SURFACE COURSE SMA 14 surf PMB 65/105-60 des

- CAPPING LAYER, 6F1 (TII SPECIFICATION, SERIES 600)(TBC FOLLOWING SITE INVESTIGATION)

60mm BINDER COURSE AC 20 dense bin 70/100 des

80mm BASE COURSE AC 32 dense base 70/100 des

TYPICAL INTERNAL ROAD CROSS SECTION

SCALE 1:20

200mm GRANULAR SUB BASE, Clause 808/804

5.5m ROAD

PAVING FINISHES TO LANDSCAPE

100mm CBGM TYPE B TO CLAUSE 822 GRADE C10

CAPPING LAYER IF REQUIRED

1-2mm PRIMER -

ARCHITECT'S DETAILS

40mm HIGH STRENGTH MORTAR BEDDING

150mm CLAUSE 808 LAID, LEVELED AND

ROAD KERB (IN-SITU CONCRETE FLUSH - 6mm)

SCALE 1:10

COMPACTED TO CLAUSE 802

1:40

INSITU GRADE C40 CONCRETE

FLUSH KERB TO TII SPECIFICATION

CARRIAGEWAY

PROJECT

DONORE PROJECT, DONORE **AVENUE**, DUBLIN 8

CLIENT

THE LAND DEVELOPMENT AGENCY (LDA)

CONSULTANT

AECOM 4th Floor Adelphi Plaza, George's Street Upper, Dun Laoghaire, Co Dublin Tel:+353 (0)1 696-6220 www.aecom.com

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
- . ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
- AECOM LIMITED TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
- DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF
- PLEASE NOTE THAT THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING STG-AEC-S1b-00-00-DR-C-0000001(GENERAL ARRANGEMENT DWG) AND STG-AEC-S1b-00-00-DR-C-0000107(TYPICAL ROAD DETAILS SHEET 2 OF 2)

Capping and Sub-base design, refer TII Pavement and Foundation Design (DN-PAV-03021)		
CBR	SUB-BASE	CAPPING
2.5%	150mm	400mm
3.5%	150mm	330mm
5.0%	150mm	250mm
8.0%	150mm	210mm
10.0%	150mm	180mm
15.0%	150mm	150mm

pt					
ассе	Sub-base only design, refer TII Pavement and				
O.	Foundati	Foundation Design (DN-PAV-03021)			
AE(CBR	SUB-BASE			
aw.	2.5%	350mm			
XOM or as required by law. AECOM accept	3.5%	280mm			
	5.0%	220mm			
red	8.0%	190mm			
OM or as	10.0%	175mm			
	15.0%	150mm			
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*CBR TESTING TO BE UNDERTAKEN BY THE CONTRACTOR AND THE TEST CERTIFICATES AND THE SELECTED PAVEMENT DESIGN TO BE SUBMITTED TO THE EMPLOYERS REPRESENTATIVE FOR APPROVAL.



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PROJECT NUMBER

60648061

SHEET TITLE

TYPICAL ROAD DETAILS SHEET 1 OF 2

SHEET NUMBER

STG-AEC-S1b-00-00-DR-C-0000108

IN SITU GRADE C40/50 CONCRETE KERB TO-

1-2mm PRIMER-

100mm GBGM TYPE B TO CLAUSE 822 GRADE C10-

PAVING FINISHES TO LANDSCAPE ARCHITECT'S DETAILS—

40mm HIGH STRENGTH MORTAR BEDDING-

20mm BULLNOSE RADIUS ____ 225

('DETAIL A')

ROAD KERB (IN-SITU CONCRETE 125mm UPDTAND)

SCALE 1:10

TII SPECIFICATION. REFER TO DETAIL "A"

FOOTPATH

INSITU GRADE C40 CONCRETE KERB

CLAUSE 808 OR CONCRETE

TO SAME STRENGTH

AS KERB

500mm (min)

1:40 FALL