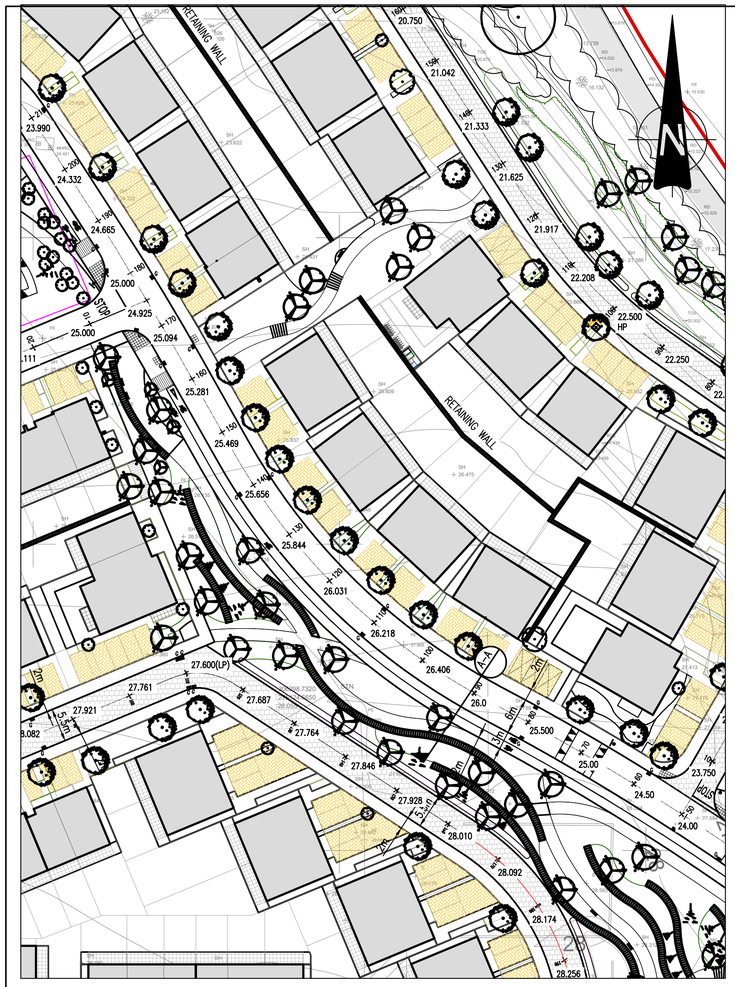
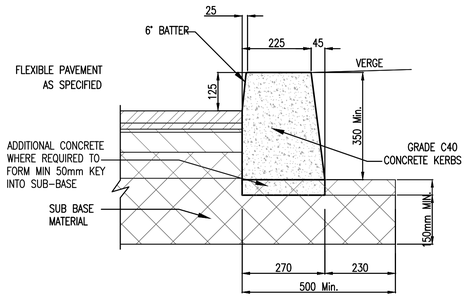


PLAN VIEW
SCALE 1:500

NOTE:

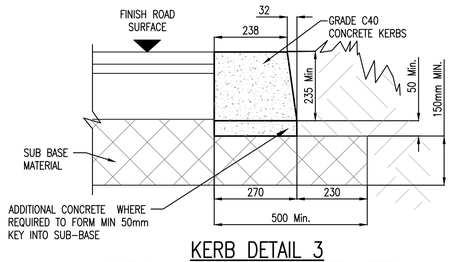
1. U3 CONCRETE FINISH INSITU
2. CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF BS 5931 AND SHALL BE PROTECTED FROM ADVERSE WEATHER UNTIL CURED
3. EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN ROADS AND FOOTWAYS
4. ALL ROAD WORKS TO BE TO MEATH COUNTY COUNCIL STANDARDS FOR TAKING IN CHARGE.



KERB DETAIL 1
IN-SITU CONCRETE KERB
SCALE 1:10 @A1

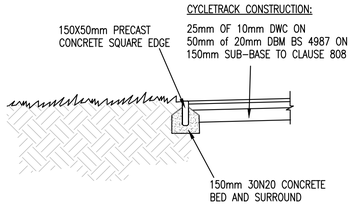
KERB NOTES:

1. U3 CONCRETE FINISH
   INSITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF BS 5931 AND SHALL BE PROTECTED FROM ADVERSE WEATHER UNTIL
2. EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN ROADS AND FOOTWAYS



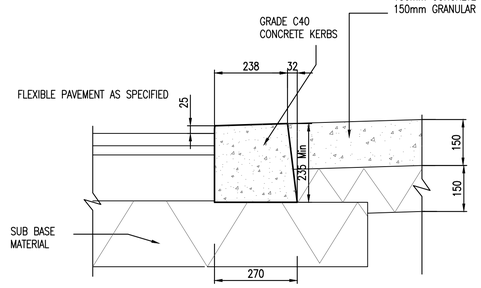
KERB DETAIL 3
TYPICAL IN SITU CONCRETE KERB DETAIL AT SWALE LOCATIONS
SCALE 1:10 @A1

CYCLETRACK CONSTRUCTION:
25mm OF 10mm DWC ON
50mm of 20mm DBM BS 4987 ON
150mm SUB-BASE TO CLAUSE 808

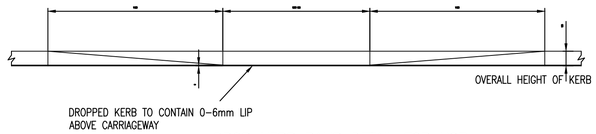


KERB DETAIL 4
GRASS VERGE TO BITUMINOUS SURFACING DETAIL
SCALE 1:25 @A1

VEHICLE CROSSOVER CONSTRUCTION
150mm CONCRETE ON
150mm GRANULAR FILL TO CLAUSE 808.



KERB DETAIL 2
CAST IN-SITU KERB AT VEHICULE CROSSOVER
SCALE 1:10
NOTE: ALTERNATIVE KERB TYPES AT CARRIAGEWAY SHALL BE SUBJECT TO APPROVAL



DROP KERB RAMP DETAIL FOR USE AT IN-LINE UN-CONTROLLED CROSSING SECTION
SCALE 1:25

NOTE:

WHERE THE DROPPED KERB IS IN THE DIRECT LINE OF TRAVEL, THE TACTILES SHOULD BE LAID TO A DEPTH OF 1200mm.

WHERE THE DROPPED KERB IS NOT IN THE DIRECT LINE OF TRAVEL, THE TACTILES SHOULD BE LAID TO A DEPTH OF 800mm.

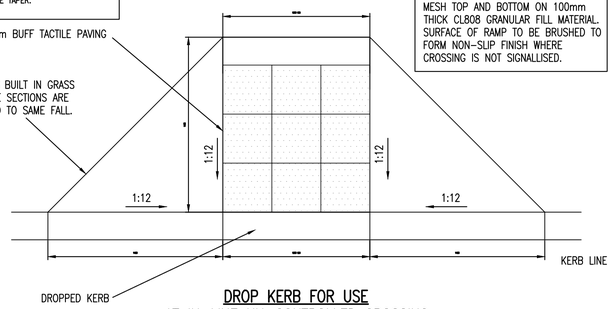
THE TACTILES SHOULD BE LAID TO THE FULL WIDTH OF THE DROPPED KERB BUT NOT THE TAPER.

900mm MINIMUM LEVEL SURFACE FROMBACK OF FOOTPATH TO DISHED KERB TO ALLOW EASY FLOW OF PEDESTRIANS WHO ARE NOT USING THE CROSSING

RAMP CONSTRUCTED FROM GRADE C30 CONCRETE 150mm THICK WITH A393 MESH TOP AND BOTTOM ON 100mm THICK CL808 GRANULAR FILL MATERIAL. SURFACE OF RAMP TO BE BRUSHED TO FORM NON-SLIP FINISH WHERE CROSSING IS NOT SIGNALLISED.

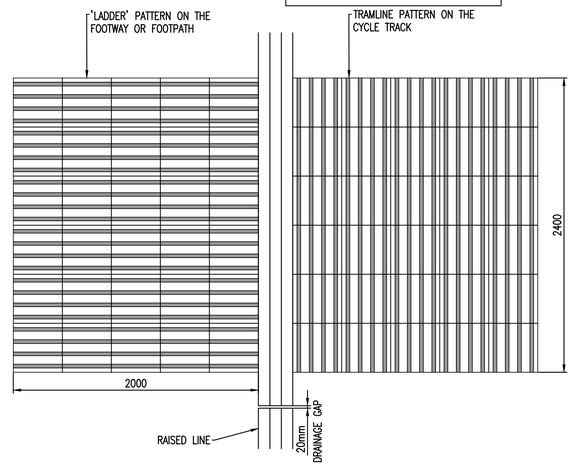
400 x 400mm BUFF TACTILE PAVING

WHERE RAMP IS BUILT IN GRASS VERGE THE SIDE SECTIONS ARE GRASS AND LAID TO SAME FALL.



DROP KERB FOR USE AT IN-LINE UN-CONTROLLED CROSSING PLAN VIEW
SCALE 1:25

DROP KERB AS PER TRAFFIC MANAGEMENT GUIDELINES DIAGRAM 13.1 DISHED CROSSING



PROFILE & PLAN OF SEGREGATED SHARED CYCLES TRACK/FOOTWAY SURFACE AND CENTRAL DELINEATOR STRIP
SCALE 1:25

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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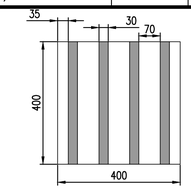
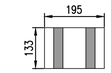
t +353 1 664 8900

NOTES:

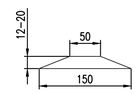
1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

TABLE 1				
C.B.R. SUB-GRADE (%)	BELOW 2	2	3	4 OR MORE
SUB BASE (NO CAPPING LAYER)				
SUB-BASE THICKNESS (mm)	625	475	350	300
SUB BASE + CAPPING LAYER COMPRISING				
SUB-BASE THICKNESS (mm)	150	150		
CAPPING LAYER THICKNESS (mm)	600	350		

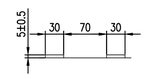




ALTERNATIVE MODULE SIZE
SCALE 1:10



CROSS SECTION OF RAISED LINE
SCALE 1:5



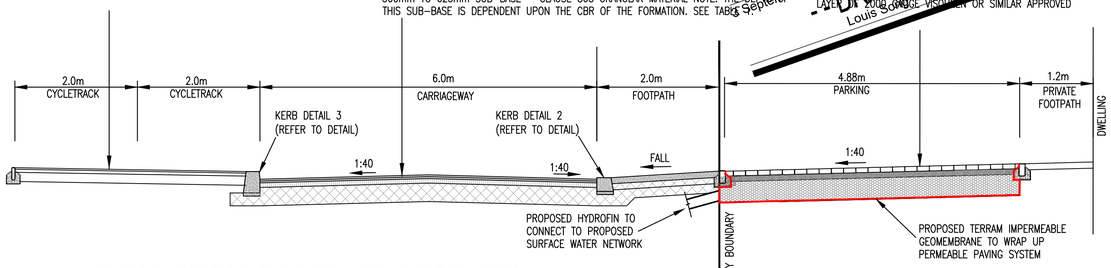
CROSS SECTION OF TRAMLINE
SCALE 1:5

NEW CYCLETRACK TO CLAUSE 1105
25mm OF 10mm DWC ON
50mm of 20mm DBM BS 4987 ON
150mm SUB-BASE TO CLAUSE 808
MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD WORKS

ROAD CONSTRUCTION:
30mm CLOSED GRADED ASPHALT CONCRETE SURFACE TO CLAUSE 912 ON
40mm ASPHALT CONCRETE BINDER SURFACE TO CLAUSE 906 ON
150mm ASPHALT CONCRETE BASE TO CLAUSE 906 ON
300mm TO 625mm SUB-BASE – CLAUSE 808 GRANULAR MATERIAL NOTE: THE DEPTH OF THIS SUB-BASE IS DEPENDENT UPON THE CBR OF THE FORMATION. SEE TABLE 1

PERMEABLE PAVING:
200X100X80mm THICKNESS TOBERMORE HYDROPAVE BLOCK OR SIMILAR APPROVED LAID IN HERRINGBONE PATTERN MINIMUM JOINT WIDTH = 6mm AREA OF VOIDS MUST EXCEED 6% OF TOTAL PAVED SURFACE AREA ON
6mm JOINT FILLED WITH GRADED 6.3 – 2.0mm GRIT TO BS 13242:2002 ON
50mm THICKNESS OF GRADED 6.3 – 2.0mm GRIT TO BS 13242:2002 ON
DUBITEX GEOTEXTILE ON
4.2m THICKNESS GRADED AGGREGATE TO BS 13242:2002 350mm THICK ON
LAYER OF 200g NONWOVEN VISQUEEN OR SIMILAR APPROVED

~~3 September 2025~~
~~Louis Savage~~



TYPICAL SECTION THROUGH MAIN ACCESS ROAD AND PERMEABLE PAVING (SECTION A–A)
SCALE 1:50

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Rev.	Date	Description	By	Chk
A	13/06/25	LAYOUT UPDATES	LS	BG

Amendments

Project
PROPOSED RESIDENTIAL DEVELOPMENT
RATHMULLAN
DROGHEDA

Title
TYPICAL ROAD CONSTRUCTION DETAILS

Client
EARLSFORT DEVELOPMENTS DROGHEDA LIMITED

waterman moylan

BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900
Email: info@waterman-moylan.ie www.waterman-moylan.ie

Status
LRD PLANNING - STAGE 3

Designed By	Approved	Waterman Ref
JG	JG	18-014

Drawn By	Date	Scales @ A1
G.Byrne	JAN.2025	AS SHOWN @A1

Project - Originator - Volume - Level - Type - Role - Number	Revision
RAT - WMX - PH2 - 00 - DR - C - P410	A

Drawing Location: M:\Projects\18\18-014 - Rathmullan Drogheda SHD Planning Application\Drawings\Waterman Moylan\Civil\Planning 2025\RAT-WMX-PH2-00-DR-C-P410 - Typical Road Construction Details.dwg
Date: Sep 03, 2025 - 8:58am