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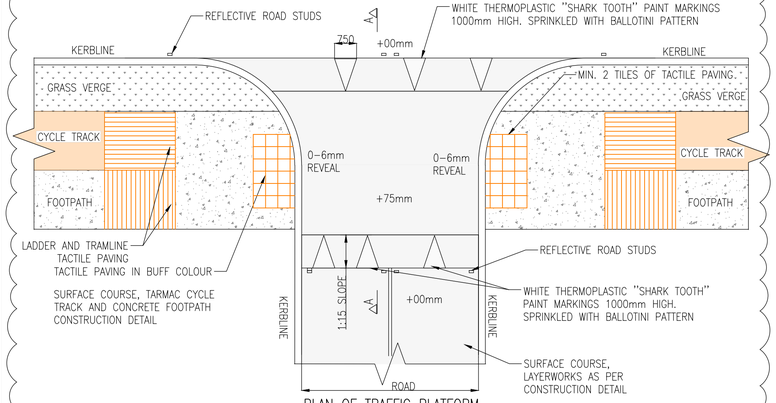
This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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NOTES:

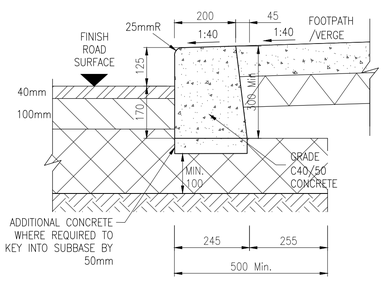
1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

NOTE:

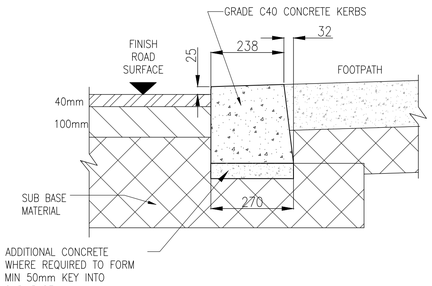
1. FOR AREAS WHERE CBR VALUES ARE BELOW 2%, CARRY OUT FOLLOWING:
   – THE SOFT AREA IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A GENERAL FILL MATERIAL (CLASS 1A/1B) TO NRA SPECIFICATION TO THE UNDERSIDE OF AN 'ENKAGIRD' LAYER (ENKAGRID TRC 40 OR SIMILAR 40kN/m). SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUB–GRADE AND CAPPING.
   – AN ENGINEER SHOULD INSPECT THE SOFT AREA WHEN IT HAS BEEN PLACED/WORKED.
2. FOR AREAS WHERE CBR VALUES ARE BETWEEN 2% AND 5%, CARRY OUT THE FOLLOWING:
   – THE SOIL IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A CAPPING MATERIAL TYPE 6F1/6F2 TO NRA SPECIFICATION. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUB–GRADE AND CAPPING.



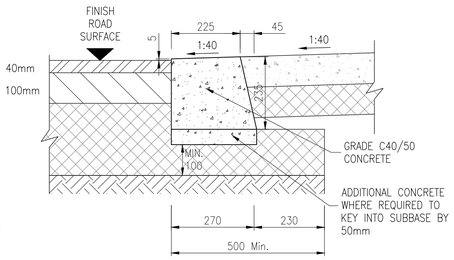
PLAN OF TRAFFIC PLATFORM
SCALE 1:100



KERB DETAIL 1 – IN–SITU CONCRETE KERB WITH 125mm KERB FACE
SCALE 1:10



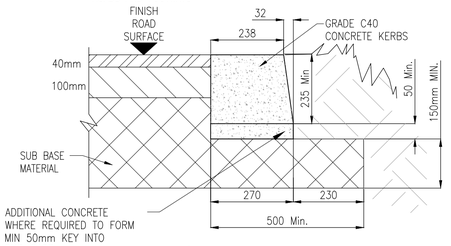
KERB DETAIL 2 – IN–SITU CONCRETE KERB WITH 25mm KERB FACE
SCALE 1:10



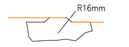
KERB DETAIL 3 – IN–SITU CONCRETE KERB WITH 5mm KERB FACE
–
DROP KERB AT PEDESTRIAN CROSSINGS
SCALE 1:10

KERB NOTES:

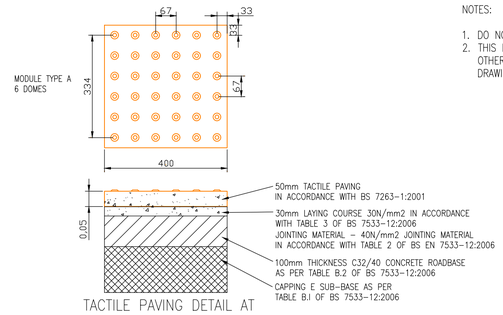
1. U3 CONCRETE FINISH
   INSITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF BS 5931 AND SHALL BE PROTECTED FROM ADVERSE WEATHER UNTIL
2. EXPANSION AND CONSTRUCTION JOINTS IN KERB TO MATCH JOINTS IN ROADS AND FOOTWAYS



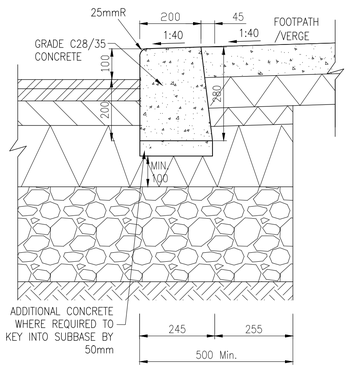
KERB DETAIL 4/6 – IN–SITU CONCRETE FLUSH KERB DETAIL AT SWALE LOCATIONS AND FOOTPATHS
SCALE 1:10 @A1



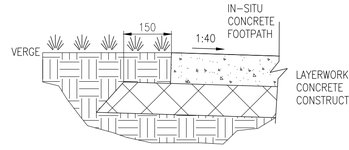
SCALE N.T.S.



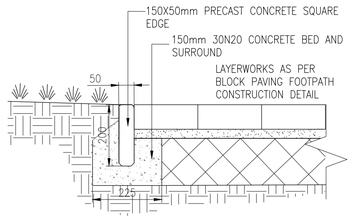
TACTILE PAVING DETAIL AT UNCONTROLLED PEDESTRIAN CROSSINGS
Scale 1:10



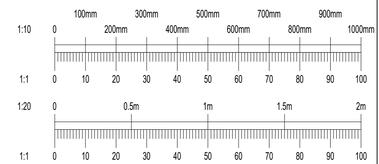
KERB DETAIL 5 – IN–SITU CONCRETE KERB WITH 100mm KERB FACE
SCALE 1:10

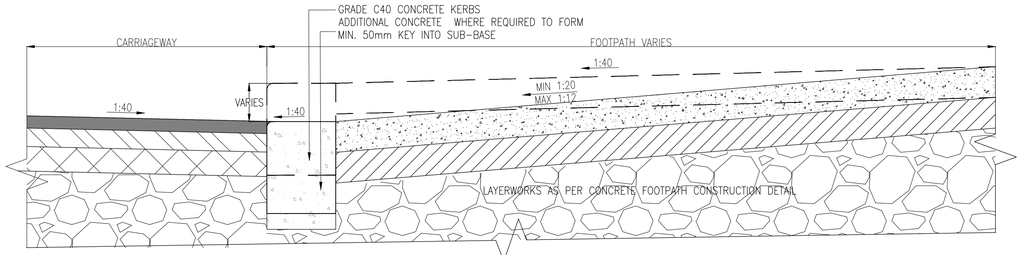


EDGE OF CONCRETE FOOTPATH ADJACENT TO LANDSCAPED AREAS
SCALE 1:10

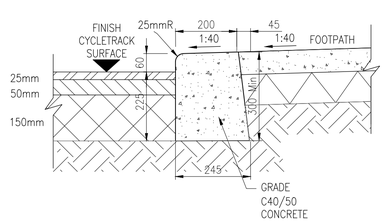


EDGE RESTRAING FOR BLOCK PAVING ADJACENT TO LANDSCAPED AREAS
SCALE 1:10

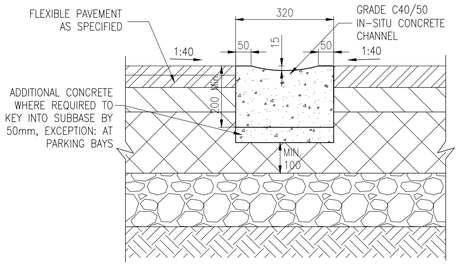




DROPED/FLUSH IN–SITU CONCRETE KERB DETAIL C
SCALE 1:10

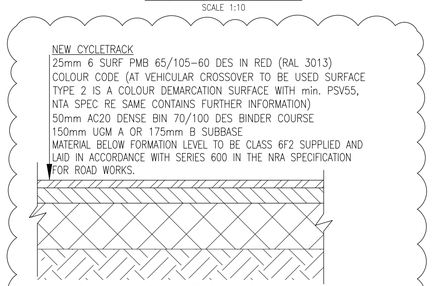


KERB DETAIL 7 – IN–SITU CONCRETE KERB WITH 60mm KERB FACE AT CYCLETRACK
SCALE 1:10



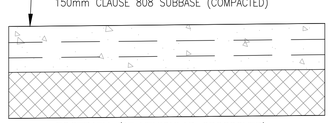
KERB DETAIL 8 – IN–SITU DRAINAGE CHANNEL DETAIL IN HOMEZONE
SCALE 1:10

NEW CYCLETRACK
25mm 6 SURF PMB 65/105–60 DES IN RED (RAL 3013)
COLOUR CODE (AT VEHICULAR CROSSOVER TO BE USED SURFACE TYPE 2 IS A COLOUR DEMARCATION SURFACE WITH min. PSV55, NTA SPEC RE SAME CONTAINS FURTHER INFORMATION)
50mm AC20 DENSE BIN 70/100 DES BINDER COURSE
150mm UGM A OR 175mm B SUBBASE
MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD WORKS.



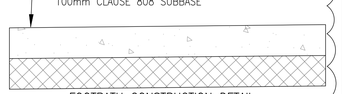
CYCLE TRACK CONSTRUCTION DETAIL
SCALE 1:10

FOOTPATH CONSTRUCTION:
150mm CONCRETE 30N/20 (2 LAYERS A393 MESH) on
150mm CLAUSE 808 SUBBASE (COMPACTED)



FOOTPATH (AT VEHICULAR CROSSOVER) CONSTRUCTION DETAIL
SCALE 1:10

FOOTPATH CONSTRUCTION:
100mm CONCRETE 30N/20 on
100mm CLAUSE 808 SUBBASE

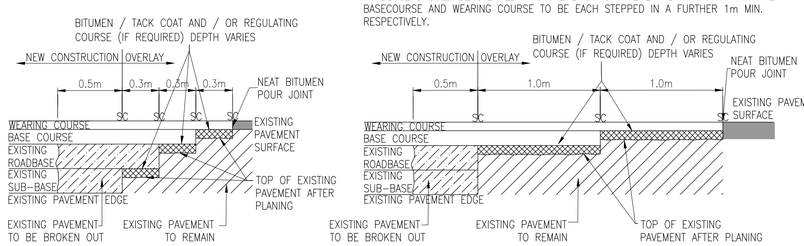


FOOTPATH CONSTRUCTION DETAIL
SCALE 1:10

(SC= SAW CUT LINES, CUT WITH ROTARY SAW)

NOTES FOR TRANSVERSE JOINTING:

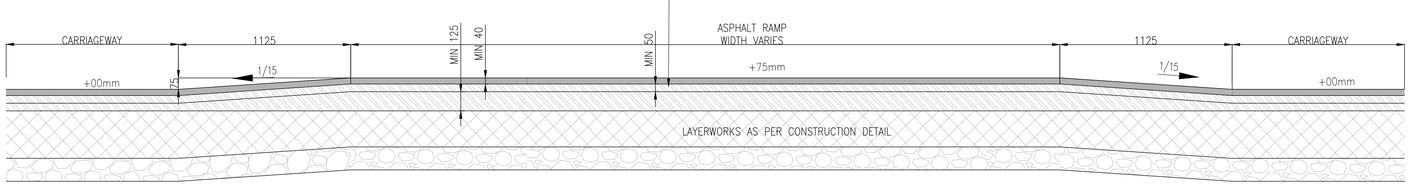
1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920.
2. WHERE THE ROAD BASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROADBASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1m MIN. WITH THE BASECOURSE AND WEARING COURSE TO BE EACH STEPPED IN A FURTHER 1m MIN. RESPECTIVELY.



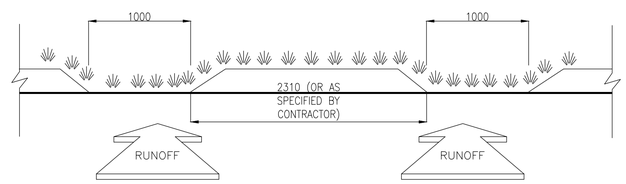
LONGITUDINAL AND TRANSVERSE JOINT SAWCUT DETAIL BETWEEN NEW CONSTRUCTION AND EXISTING ROAD
SCALE 1:10

ASPHALT RAMP CONSTRUCTION

- 40mm SURFACE COURSE – PMSMA 10 SURF PMB 65/105–60 DES TO CLAUSE 903 ON (I.S. EN 13108–5)
- MIN 50mm BITUMINOUS BINDER COURSE – AC 20 HDM BIN 40/60 DES TO CLAUSE 903 ON (I.S. EN 13108–1)
- BITUMINOUS BASE COURSE – AC 32 HDM BASE 40/60 DES TO CLAUSE 903 ON (I.S. EN 13108–1)
- EXISTING BINDER AND BASE COURSE AS PER STANDARD ROAD CONSTRUCTION DETAILS.



SECTION A–A THROUGH SPEED RAMP/TRAFFIC PLATFORM
SCALE 1:20



PROPOSED DROPPED KERB TO ALLOW RUNOFF TO ACCESS SWALE
NTS

Rev	Date	Description	By	Chk
P02	02/03/2026	ISSUE FOR PLANNING	IG	IW
P01	11/07/2025	ISSUED FOR STAGE 2A PLANNING	IG	IW

Amendments

Project
SOUTHGREEN PHASE 2, KILDARE TOWN, Co. KILDARE

Title
PROPOSED TYPICAL ROAD CONSTRUCTION DETAILS

Client
POUSTERLE 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
PLANNING

Designed By	Approved	Waterman Ref
PI	IW	25-003
Drawn By	Date	Scales @ A1
IG	JULY 2025	AS SHOWN

Project - Originator - Volume - Level - Type - Role - Number: SOU - WMC - PH2 - XX - DR - C - P0112
Revision: P02

Drawing Location: N:\Projects\25\25-003 South Green Phase 2 Site O\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\SOU-WMC-PH2-XX-DR-C-P0112 - Proposed Typical Road Construction Details.dwg
Date: Mar 02, 2026 - 11:26am