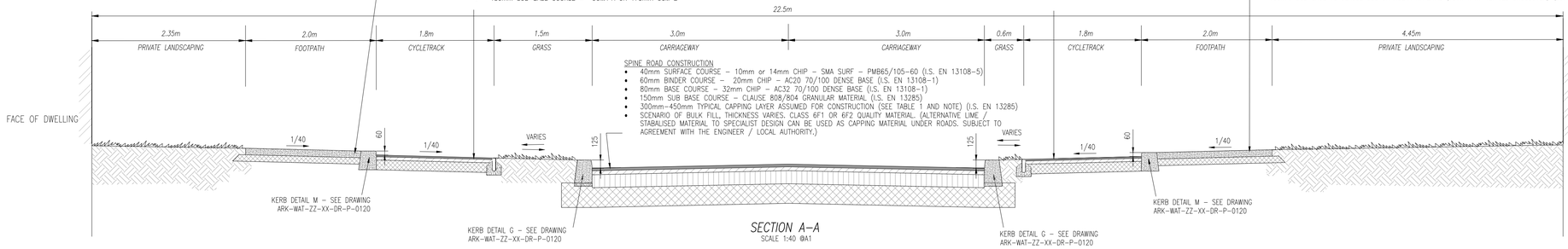
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This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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Waterman Moylan Consulting Engineers Limited
Block S East Point Business Park Dublin D03 H3F4 Ireland t +353 1 664 8900

FOOTPATH CONSTRUCTION
- 100mm CONCRETE XF4 CLASS C32/40 AIR ENTRAINED CONCRETE (150mm AT VEHICLE CROSSOVERS WITH 1 LAYER OF A393 MESH) (I.S. 206-213)
- 100mm SUB BASE TO CLAUSE 808 GRANULAR MATERIAL (150mm AT VEHICLE CROSSOVER) (I.S. EN 13285).

CYCLE PATH CONSTRUCTION
- 25mm SURFACE COURSE – RED SMA 6 SURF PMB 65/100-60 DES
- 50mm BASE COURSE – AC20 DENSE BIN 70/100 DES
- 150mm SUB-BASE COURSE – UGMA A OR 175mm UGM B

SPINE ROAD CONSTRUCTION
- 40mm SURFACE COURSE – 10mm or 14mm CHIP – SMA SURF – PMB65/105-60 (I.S. EN 13108-5)
- 60mm BINDER COURSE – 20mm CHIP – AC20 70/100 DENSE BASE (I.S. EN 13108-1)
- 80mm BASE COURSE – 32mm CHIP – AC32 70/100 DENSE BASE (I.S. EN 13108-1)
- 150mm SUB BASE COURSE – CLAUSE 808/804 GRANULAR MATERIAL (I.S. EN 13285)
- 300mm–450mm TYPICAL CAPPING LAYER ASSUMED FOR CONSTRUCTION (SEE TABLE 1 AND NOTE) (I.S. EN 13285)
- SCENARIO OF BULK FILL, THICKNESS VARIES. CLASS 6F1 OR 6F2 QUALITY MATERIAL. (ALTERNATIVE LIME / STABALISED MATERIAL TO SPECIALIST DESIGN CAN BE USED AS CAPPING MATERIAL UNDER ROADS. SUBJECT TO AGREEMENT WITH THE ENGINEER / LOCAL AUTHORITY.)

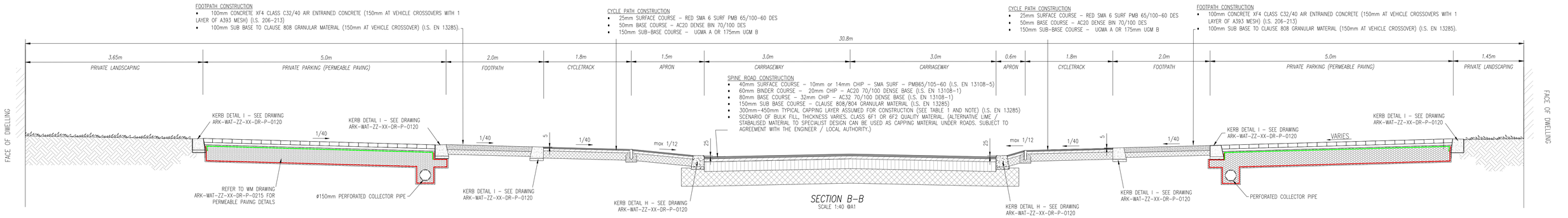


SECTION A–A
SCALE 1:40 @A1

FOOTPATH CONSTRUCTION
- 100mm CONCRETE XF4 CLASS C32/40 AIR ENTRAINED CONCRETE (150mm AT VEHICLE CROSSOVERS WITH 1 LAYER OF A393 MESH) (I.S. 206-213)
- 100mm SUB BASE TO CLAUSE 808 GRANULAR MATERIAL (150mm AT VEHICLE CROSSOVER) (I.S. EN 13285).

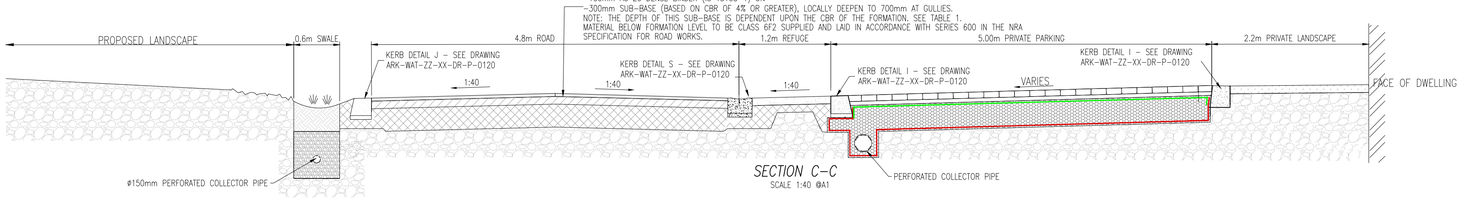
CYCLE PATH CONSTRUCTION
- 25mm SURFACE COURSE – RED SMA 6 SURF PMB 65/100-60 DES
- 50mm BASE COURSE – AC20 DENSE BIN 70/100 DES
- 150mm SUB-BASE COURSE – UGMA A OR 175mm UGM B

SPINE ROAD CONSTRUCTION
- 40mm SURFACE COURSE – 10mm or 14mm CHIP – SMA SURF – PMB65/105-60 (I.S. EN 13108-5)
- 60mm BINDER COURSE – 20mm CHIP – AC20 70/100 DENSE BASE (I.S. EN 13108-1)
- 80mm BASE COURSE – 32mm CHIP – AC32 70/100 DENSE BASE (I.S. EN 13108-1)
- 150mm SUB BASE COURSE – CLAUSE 808/804 GRANULAR MATERIAL (I.S. EN 13285)
- 300mm–450mm TYPICAL CAPPING LAYER ASSUMED FOR CONSTRUCTION (SEE TABLE 1 AND NOTE) (I.S. EN 13285)
- SCENARIO OF BULK FILL, THICKNESS VARIES. CLASS 6F1 OR 6F2 QUALITY MATERIAL. (ALTERNATIVE LIME / STABALISED MATERIAL TO SPECIALIST DESIGN CAN BE USED AS CAPPING MATERIAL UNDER ROADS. SUBJECT TO AGREEMENT WITH THE ENGINEER / LOCAL AUTHORITY.)



SECTION B–B
SCALE 1:40 @A1

HOMEZONE / SIDE ROAD CONSTRUCTION
–40mm PMSMA SURFACE COURSE (IS EN 13108-5) ON
–100mm AC 20 DENSE BINDER (IS 13108-1) ON
–300mm SUB-BASE (BASED ON CBR OF 4% OR GREATER), LOCALLY DEEPEN TO 700mm AT GULLIES.
NOTE: THE DEPTH OF THIS SUB-BASE IS DEPENDENT UPON THE CBR OF THE FORMATION. SEE TABLE 1.
MATERIAL BELOW FORMATION LEVEL TO BE CLASS 6F2 SUPPLIED AND LAID IN ACCORDANCE WITH SERIES 600 IN THE NRA SPECIFICATION FOR ROAD WORKS.



SECTION C–C
SCALE 1:40 @A1

KEY PLAN
SCALE 1:1000

Rev	Date	Description	By	Chk
-	23/10/2026	ISSUED FOR PLANNING	MS	IW

Amendments

Project
MIXED USE DEVELOPMENT AT TINAHASK UPPER, MONEY BIG & MONEY LITTLE, ARKLOW, Co. WICKLOW

Title
TYPICAL ROAD CROSS-SECTIONS

Client
CASTLETHORN

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
NM	IW	26-035
Drawn By	Date	Scales @ A1
MS	OCT. 2026	AS SHOWN

Project - Originator - Volume - Level - Type - Role - Number: ARK - WAT - ZZ - XX- DR - P - 0125
Revision: -

Drawing Location: N:\Projects\26\26-035 Arklow South\Drawings\Waterman Moylan\Civil\Planning\Autocad Drawings\ARK-WAT-ZZ-XX-DR-P-0125 - Typical Road Cross Sections.dwg
Date: Oct 23, 2026 - 8:47am