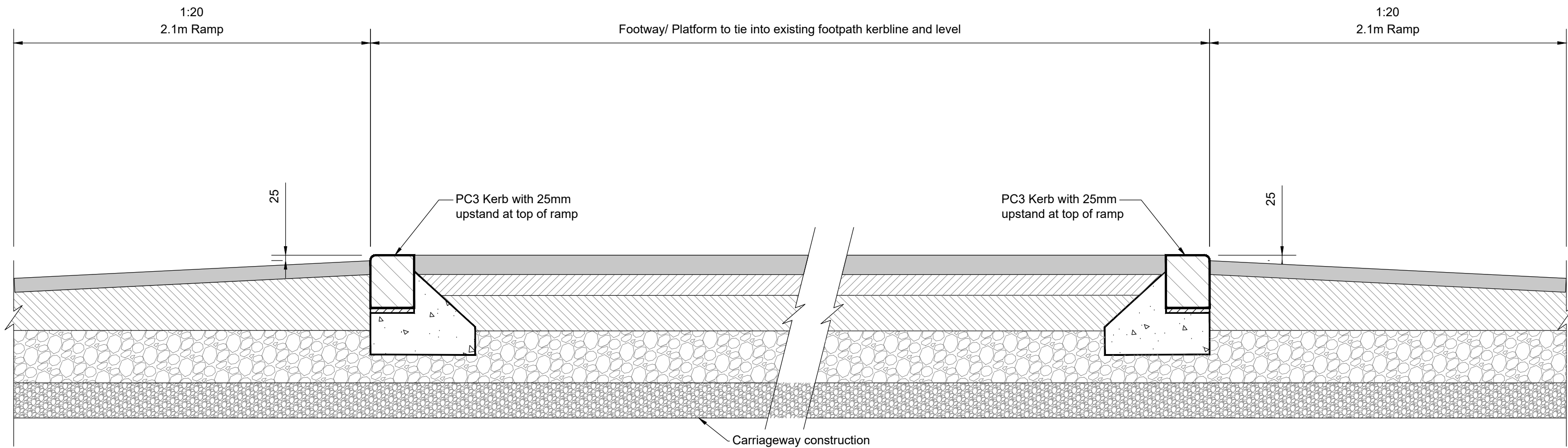




Surface Course
40mm HRA 55/10 F surf 40/60 des. PSV 60 as per Appendix 7/1

Base Course
60mm AC20 dense bin 40/60 des. as per Appendix 7/1

Road Base
160mm AC32 dense base 40/60 des. as per Appendix 7/1

Sub-base
GSB Type 1 to Cl. 891 as agreed with HCC. Sub-base thickness to be determined by in-situ equilibrium CBR tests in accordance with attached table.

Capping
6F2 or 6F5 as agreed with HCC

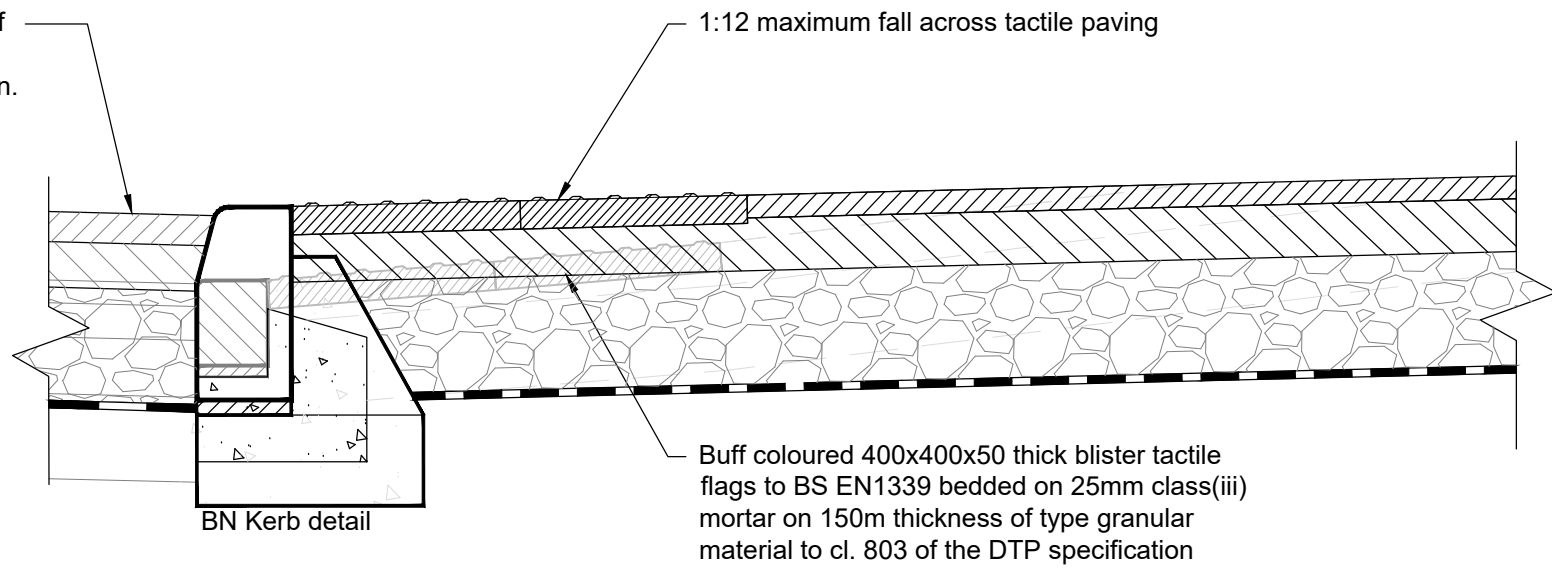
SITE EXIT FOOTWAY CROSSOVER CONSTRUCTION DETAIL
(1:10)

Surface Course
40mm AC10 close surfPEN 70/100 to BS EN 13108-1

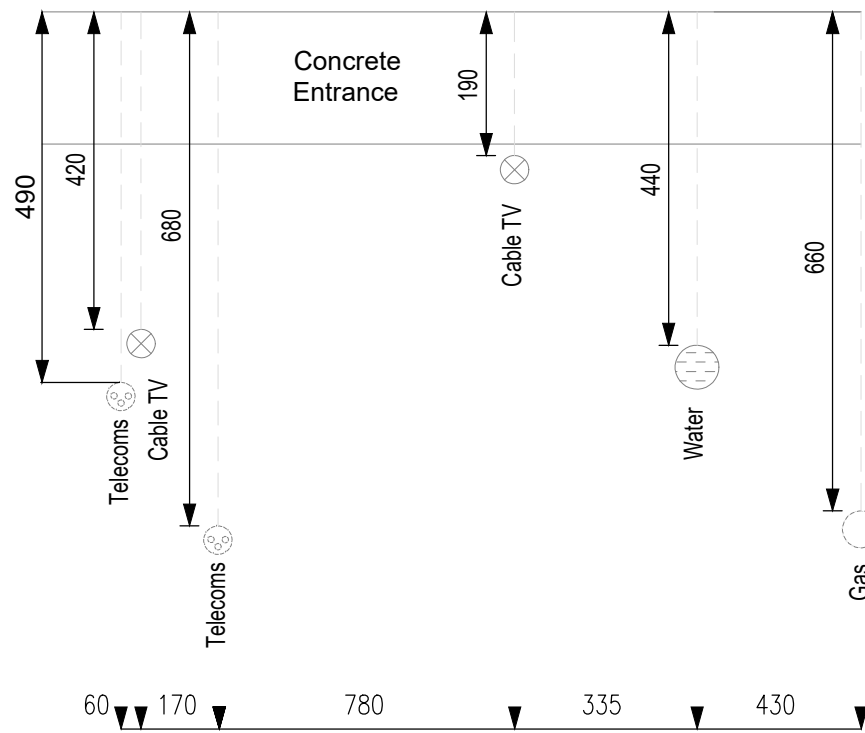
Binder Base Course
60mm AC20 HDM bin PEN 40/60 to BS EN 13108-1

Sub-Base
150mm min granular sub-base type 1 (granite)to clause 803 of National Highways specification. rolled and consolidated in accordance with clause 802 of National Highways specification. Thickness based on CBR of subgrade - see table. Provide Tensar TX Geogrid below subbase.

Capping
6F2 material to SHW specificaion. Thickness based on CBR of subgrade - see table



**SECTION THROUGH
TYPICAL PEDESTRIAN CROSSING
POINT CONSTRUCTION**
(1:10)



**TYPICAL SECTION SHOWING SERVICE MAINS
WITHIN ENTRANCE ROAD**

Notes

GENERAL

- This drawing is to be read in conjunction with all relevant Engineers and Architects drawings and with the Specification.
- For setting out refer to Architects drawings.
- All dimensions are in millimetres and levels are in metres unless noted otherwise.
- Contractor to take all relevant dimensions on site. Any discrepancies to be advised to the Engineer.
- Contractor to check/scan for services prior to construction to avoid any damage during works.

HIGHWAYS

- All highway works to be in accordance with the National Highways Design Manual for Roads and Bridges and Specification for Highway Works.
- The formation level is to be prepared in accordance with clauses 616 and 617 of the National Highways Specification for Highway Works. The formation level shall receive a sufficient number of passes of the designated roller to minimise any subsequent settlement. Soft spots to be removed and backfilled with specified granular sub-base material and compacted. The formation level must be treated with a granular weed killer of the pre-emergent type.
- The formation level is not to be exposed to wet weather longer than 8 hours without a protective layer.
- Additional material required to make up levels in fill areas shall be type 6F2 material placed and compacted in accordance with table 6/1 and clauses 612, 613.3, 613.8, 613.9, 613.10 and 613.13 of the National Highways Specification for Highway Works.
- Additional material required to make up levels in fill areas shall be of a well compacted granular material with a compacted CBR of 15% or greater and shall be laid and compacted in accordance with BS6031:2009 (Code of Practice for Earthworks). An increase in width of 200mm beyond the kerb haunching will be required to facilitate adequate compaction at the edges.
- Frost susceptible material, as defined in the National Highways Specification for Highway Works clause 801.8, shall not be used within 450mm of the designed final surface.
- Granular sub-base to be type 1 unbound mixture in accordance with National Highways Specification for Highway Works clause 801.
- Sub-base to be spread and compacted in layers in accordance with the National Highways Specification for Highway Works, clause 802.
- All construction materials shall be laid and compacted in accordance with their respective British Standard.
Macadams BS EN 13108
Granular Materials HA Specification for Highway Works series 800.
Kerbs BS EN 1340
- If base-course is to be left as running surface then it shall be sealed with coated grit to BS EN 13108 immediately on compaction of base-course.
- A tack coat of K1-40 or A1-40 shall be applied to each layer prior to the next course being laid if the course is not to be covered immediately by the next layer. The rate of application shall be 0.4 l/m² and should be weed treated.
- Surface course, binder and road base areas exceeding 200m² shall be machine laid and compacted using a smooth wheeled roller 6-12tonne dead weight. Area less than 200m² shall be hand laid.

PRELIMINARY - NOT FOR CONSTRUCTION

P02	Footway crossover detail amended	RD	TK	/	IL	07.02.25
P01	Draft - Preliminary	RD	TK	/	IL	28.05.24
Rev.	Amendment	Dm.	Chkd.	/	Appd.	Date

Project

HSDC, Havant
Northern Car Park

Drawing

S278 - External Works
Construction Details

Client Peter Marsh Consulting Ltd	SWH Project Number 304559
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Scale at A1 - 1:10

304559-SWH-XX-XX-DR-C-8100

Project Number - Originator - Functional Breakdown - Spatial Breakdown - Form - Discipline - Sheet Number

Revision

CP004-01_FM_ST_008_D

DO NOT SCALE FROM THIS DRAWING