Proposed /	Access Carriageway with C	Seotextile
Layer	Material	Thickness
Surface course	High Stone Content Asphalt 55/10F Surf to BS EN 13108 Pt 1	40mm
Binder course	AC20 Dense Bin 40/60 AC20 HDM Bin 40/60 All to BS EN 13108 Pt 1	60mm
Base	AC32 Dense Bin 40/60 AC 32 HDM Bin 40/60 All to BS EN 13108 Pt 1	150mm
	GEOTEXTILE	
Sub-base	Granular sub-base material Type 1 to SHW Clause 803	See Table A
	•	,

Layer	Material	Thickness Footway	
Surface course	AC6 Dense Bin 100/150 to BS  EN 13108 Pt 1 HRA 55/10 20mm  surf 40/60 to BS EN 13108 Pt 4	20mm	
Binder course	AC20 Dense Bin 40/60 to BS EN 13108 Pt 1 AC20 HDM Bin 40/60 to BS EN 13108 Pt 1	100mm	
	GEOTEXTILE		
Sub-base	Granular sub-base material Type 1 to SHW Clause 803	150mm	

	(In Hightway/Vehicular Area	s Only)	
Sub-grade CBR %	Sub-Base Thickness (mm)*	Capping Thickness (mm)	
15%	150	150	
10%	150	200	
7%	165	220	
5%	200	250	
4%	220	325	
3%	230 380		
Less than 2.5%	Ground Stabilisation Required.		

Tactile Paving				
Layer	ayer Material			
Surface course	400mm sq Marshalls Tactile Paving Slab (Blister)	50mm		
Laying course	Sand category 4	30mm		
Binder course	AC20 Dense Bin 40/60 to BS EN 13108 Pt 1 AC20 HDM Bin 40/60 to BS EN 13108 Pt 1	100mm		
Sub-base	Granular sub-base material Type 1 to SHW Clause 803	200mm		

All subbase is to be Type 1 in compliance with MCHW1803.

All capping is to be 6F2 or 6F5 in compliance with MCHW1613.

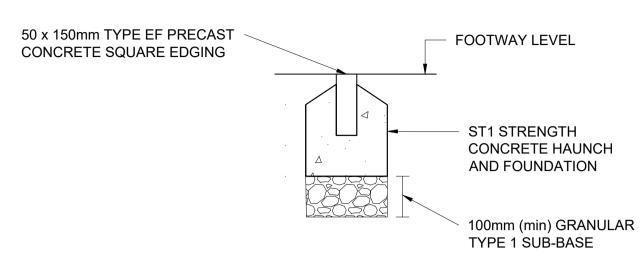
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0mm	

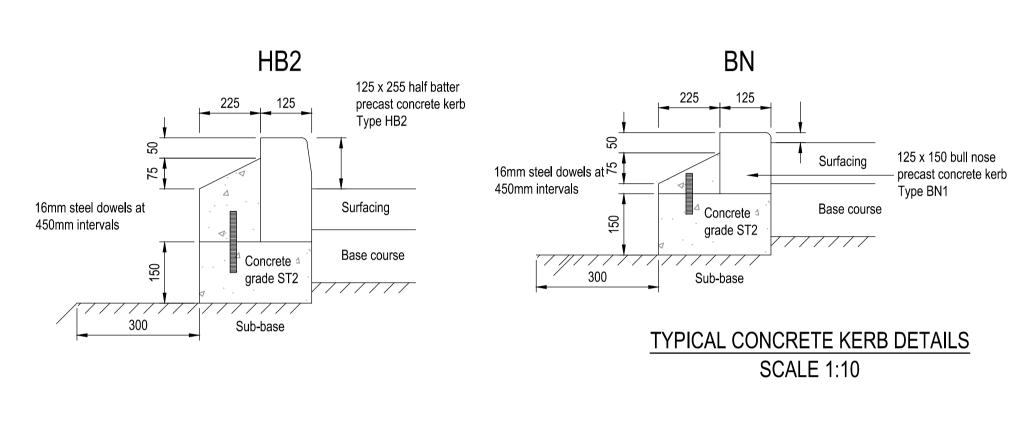
Proposed Footway			
Layer	Material	Thickness Footway	
Surface course	AC6 Dense Bin 100/150 to BS EN 13108 Pt 1 HRA 55/10 surf 40/60 to BS EN 13108 Pt 4	20mm	
Binder course	AC20 Dense Bin 40/60 to BS EN 13108 Pt 1 AC20 HDM Bin 40/60 to BS EN 13108 Pt 1	100mm	
Sub-base	Granular sub-base material Type 1 to SHW Clause 803	150mm	

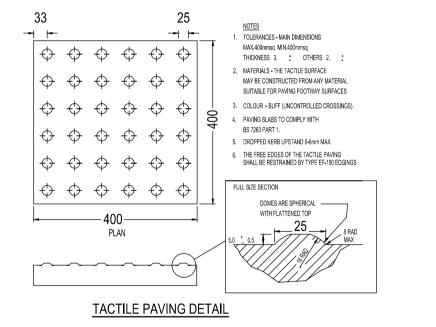
Proposed Footway with Geotextile				
Layer	Material	Thickness Footway		
Surface course	AC6 Dense Bin 100/150 to BS EN 13108 Pt 1 HRA 55/10 surf 40/60 to BS EN 13108 Pt 4	20mm		
Binder course	AC20 Dense Bin 40/60 to BS EN 13108 Pt 1 AC20 HDM Bin 40/60 to BS EN 13108 Pt 1	100mm		
	GEOTEXTILE			
Sub-base	Sub-base Granular sub-base material Type 1 to SHW Clause 803			

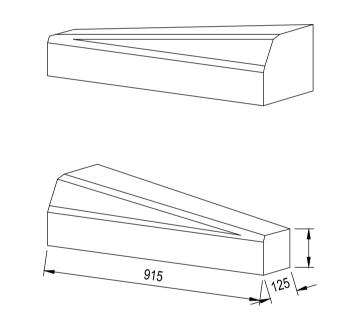
Paving		
Layer	Material	Thickness
Surface course	Concrete Paving Slabs to Architects Specification	-
Laying course	Sand Bedding Layer Category 4	30mm
Sub-base	Type 1 to Clause 803 SHW	150mm

## **EDGING STRIP**

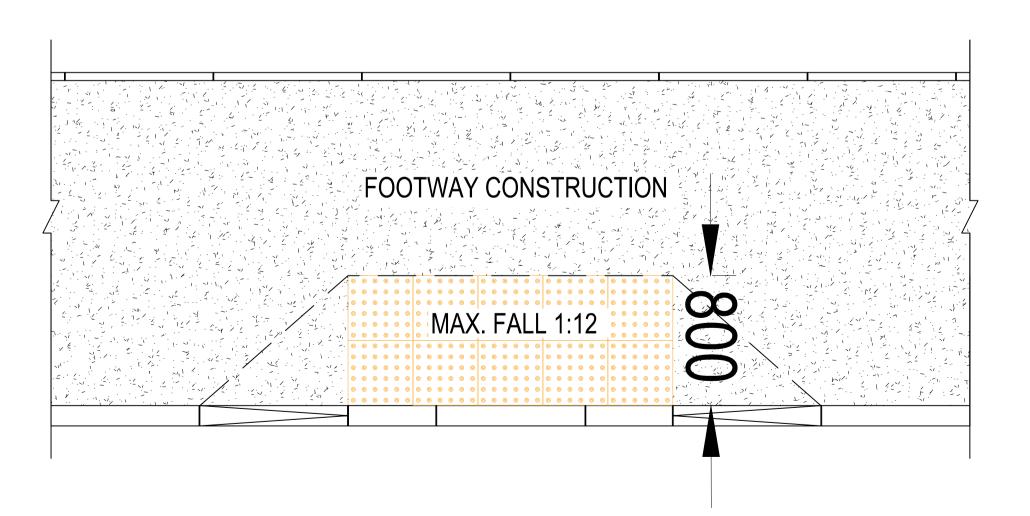








DROPPER KERB DETAILS NOT TO SCALE

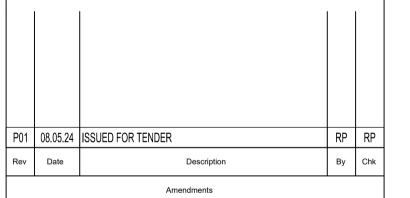


This drawing should not be scaled. Dimensions to be verified on site. Any discrepancies should be referred to the Engineer prior to work being put in hand.

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Pickfords Wharf, Clink Street, London SE1 9DG t 020 7928 7888 f 03333 444 501

## **GENERAL NOTES**

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEER'S, ARCHITECT'S OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
- . THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE
- . ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
- . ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.



HOYLAND COMMON, BARNSLEY

HIGHWAY STANDARD DETAILS

BARNSLEY METROPOLITAN BOROUGH COUNCIL



1 CORNWALL STREET, BIRMINGHAM, B3 2DX

Suitability		STA	GE 3		A3
Designed By	RP	Director	PE	Waterman Ref	WIE20198
Drawn By	RP	Date	MAY 2024	Scales @ A1	As Shown
Project - Originator - Volume - Level - Type - Role - Number				Revision	
20198100-WAT-HDG-ZZ-XX-DR-C-950801				P01	