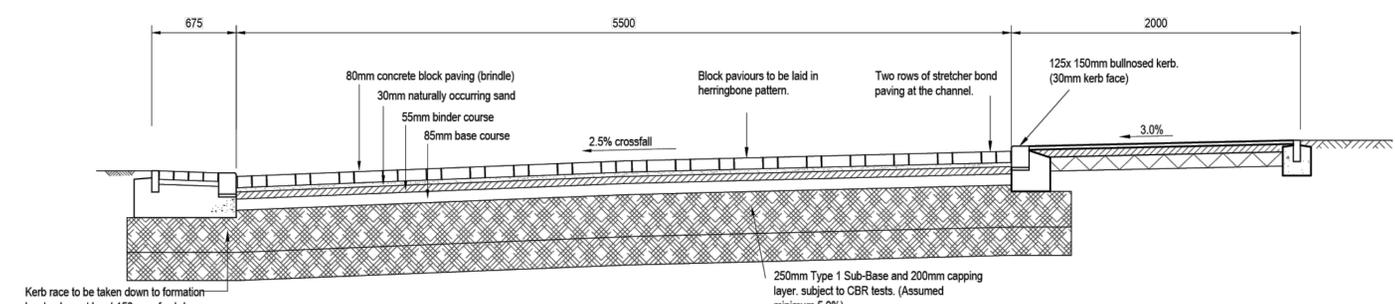


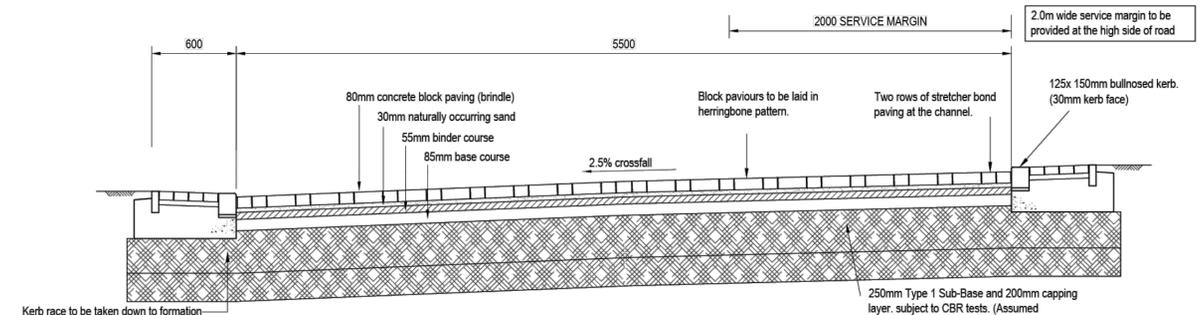
TYPICAL SECTION THROUGH LOCAL RESIDENTIAL STREET

Scale 1:25



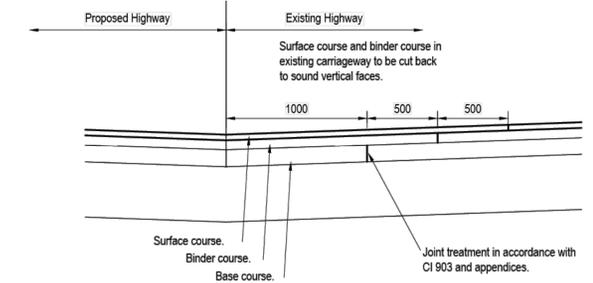
TYPICAL SECTION THROUGH SHARED SURFACE WITH FOOTPATH

Scale 1:25



TYPICAL SECTION THROUGH BLOCK PAVED SHARED SURFACE

Scale 1:25



INTERFACE WITH EXISTING HIGHWAY

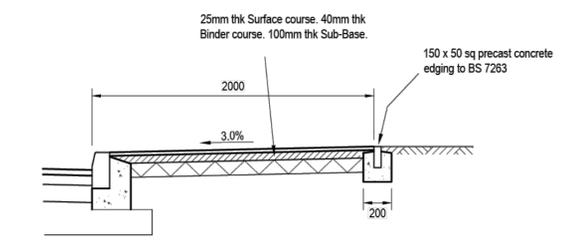
PAVEMENT FOUNDATION DESIGN - LOCAL RESIDENTIAL STREET / TRADITIONAL ESTATE ROAD (TYPE B)				
CBR %		Ground remediation required to improve sub grade CBR	Ground	
SUB BASE ONLY	SUB BASE (TYPE 1) DEPTH		2.5 to 3.0	3.0 to 4.0
			450	420
			370	330
			280*	280*
			280*	280*
SUB BASE ON CAPPING		SUB BASE (TYPE 1) DEPTH	CAPPING DEPTH	
			250	240
			230	210
			150	150

\* Minimum required type 1 sub base depth to achieve 450mm of non-frost susceptible material.

NOTE: Minimum construction depth to be 450mm for frost susceptibility.  
\*NOTE: Recommend minimum 150mm sub-base + 600mm capping with 1 layer Geogrid

PAVEMENT FOUNDATION DESIGN

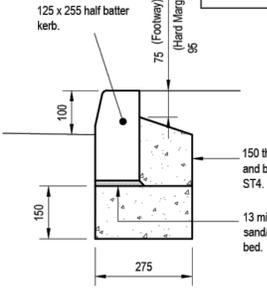
WHERE MADE GROUND IS ENCOUNTERED ALL UNSUITABLE MATERIAL SHALL BE REMOVED AND LEVELS MADE UP WITH APPROVED 6F2 MATERIAL COMPACTED IN 200mm LAYERS. THIS SHALL APPLY TO FULL WIDTH OF HIGHWAY AND SUPPORTING GROUND EITHER SIDE OF THE HIGHWAY I.E. 45° SPLAY.



TYPICAL SECTION THROUGH FOOTPATH

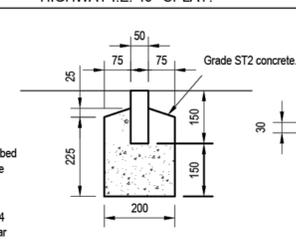
Scale 1:25

TYPE	SUB-BASE	BINDER COURSE	SURFACE COURSE
Pedestrian Footway or Footpath	100mm Type 1	40mm 0/20 dense binder course AC20 Dense bon 100/150	25mm 0/6 dense binder course AC20 Dense bon 100/150
Vehicular Footway Crossing	150mm Type 1	60mm 0/20 dense binder course AC20 Dense bon 100/150	25mm 0/6 dense binder course AC20 Dense bon 100/150



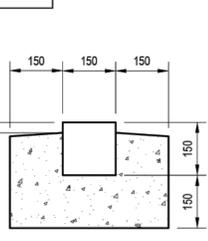
HB2 HALF BATTER KERB

Scale 1:10



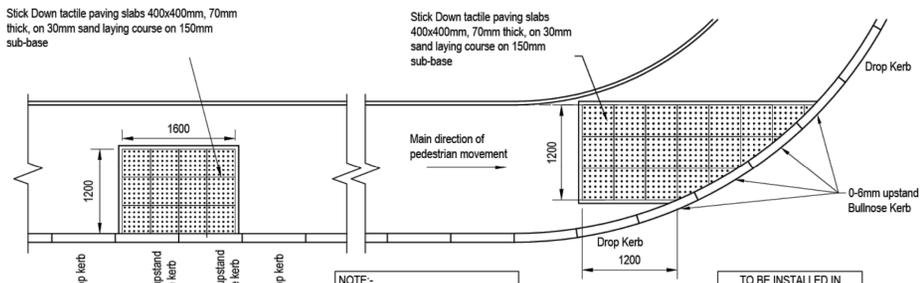
EDGING KERB TO FOOTPATH

Scale 1:10



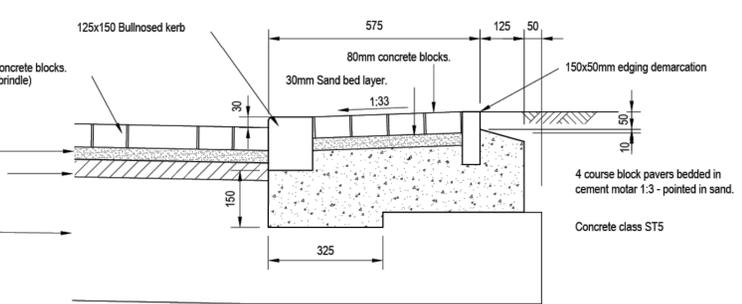
CHANNEL BLOCK

Scale 1:10



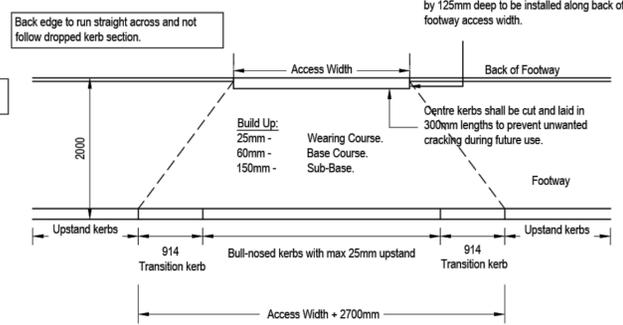
TYPICAL PEDESTRIAN CROSSING DETAILS

Scale 1:50



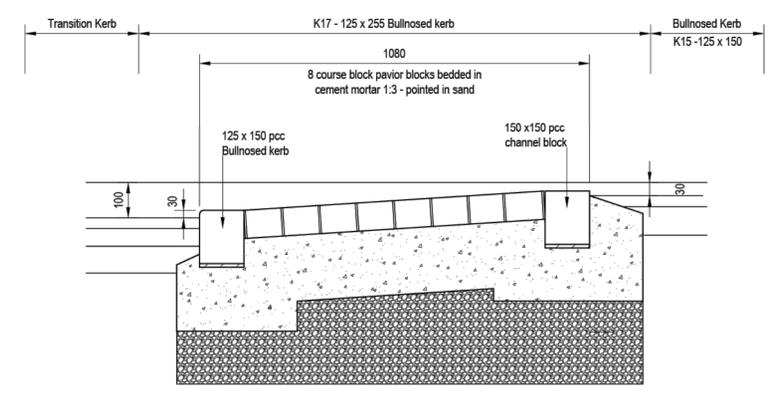
SHARED SURFACE HARD MARGIN DETAIL

Scale 1:10



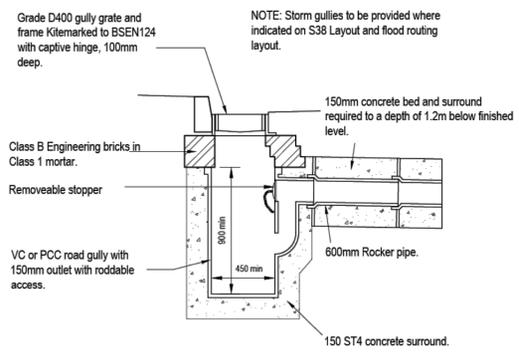
TYPICAL VEHICULAR CROSSING PLAN DETAIL

Scale 1:50



RAMP DETAIL (BLOCK PAVIORS)

Scale 1:10



TYPICAL GULLY DETAIL

Scale 1:25

NOTES:

- ESTATE ROAD SPECIFICATION**  
SURFACE COURSE 30mm thk - AC.6 dense surf 100/150 surface course complying with BS 4987.  
BINDER COURSE 55mm thk - AC.20 dense bin 100/150 binder course complying with BS 4987.  
BASE (ROADBASE) 85mm thk - AC.32 dense base/bin 100/150 base course complying with BS 4987.  
SUB-BASE 250mm thk - Type 1 granular sub-base. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.  
CAPPING 200mm thk - 6F2 material. Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.  
(Assumed minimum CBR of 5.0%. Refer to CBR table)
- FOOTPATH SPECIFICATION**  
SURFACE COURSE 25mm thk - AC.6 dense surface course 100/150.  
BINDER COURSE 40mm thk - AC.20 dense binder course 100/150.  
SUB-BASE 100mm thk - type 1 granular sub-base Must be free from extraneous matter. Weeds must be removed and the sub-grade sprayed with total weedkiller.
- VEHICULAR CROSSING SPECIFICATION**  
SURFACE COURSE 25mm thick AC.6 dense bituminous macadam.  
BINDER COURSE 60mm thick AC.20 dense bituminous macadam.  
SUB BASE Serving 1 or 2 dwellings, 150mm thick type 1 granular sub base.  
Serving more than 2 dwellings, 300mm thick type 1 granular sub base.  
Kerb face 25mm.
- GENERAL NOTES**  
The formation, whether in cut or fill, shall be prepared, profiled and THOROUGHLY COMPACTED as required by clauses 612 and 616 of the Specification for Highway Works.  
Over excavation below road formation is to be backfilled with Type 1 granular sub-base material, well compacted in layers not exceeding 225mm.  
All workmanship and specification to be in accordance with local authorities requirements.  
ALL TREES PLANTED WITHIN 5m of ADOPTABLE HIGHWAY TO BE PROVIDED WITH TREE ROOT PROTECTION. WHERE MATURE TREE CANOPIES WILL OVERHANG THE HIGHWAY A MINIMUM CROWN HEIGHT OF 2.4m IS REQUIRED.

REV: # DATE:####/###/### DRAWN:## CHECKED:##  
Revision text  
Revisions

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Project: NETHERTON  
Title: HIGHWAY-CONSTRUCTION-DETAILS  
Drawn: JS Date: 12-08-25  
CHECKED Scale @ A1:1:25  
Job no: 652 Drg No: 652-286 Rev: -