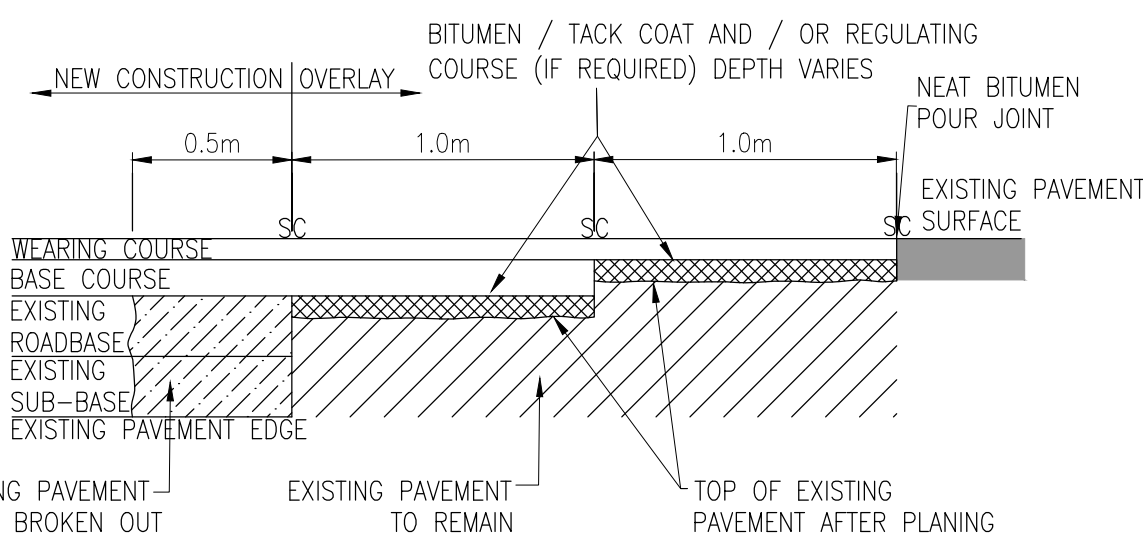
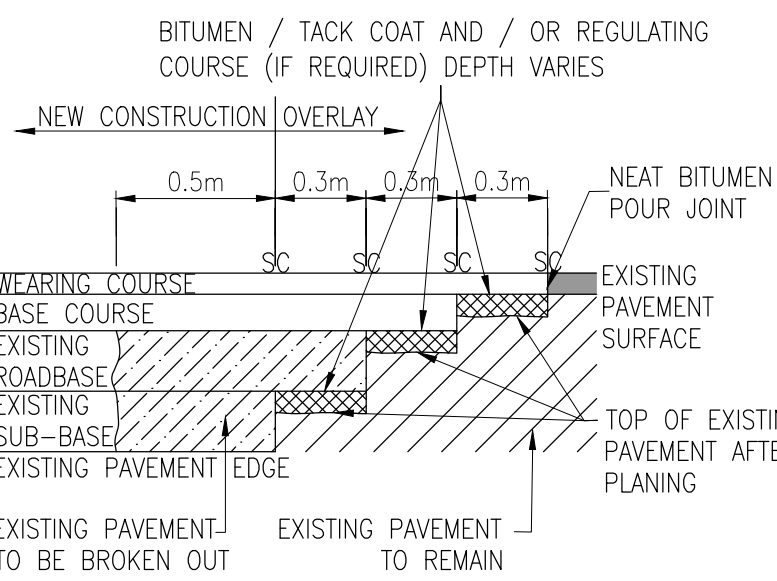
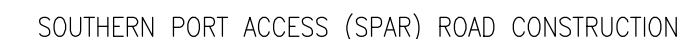
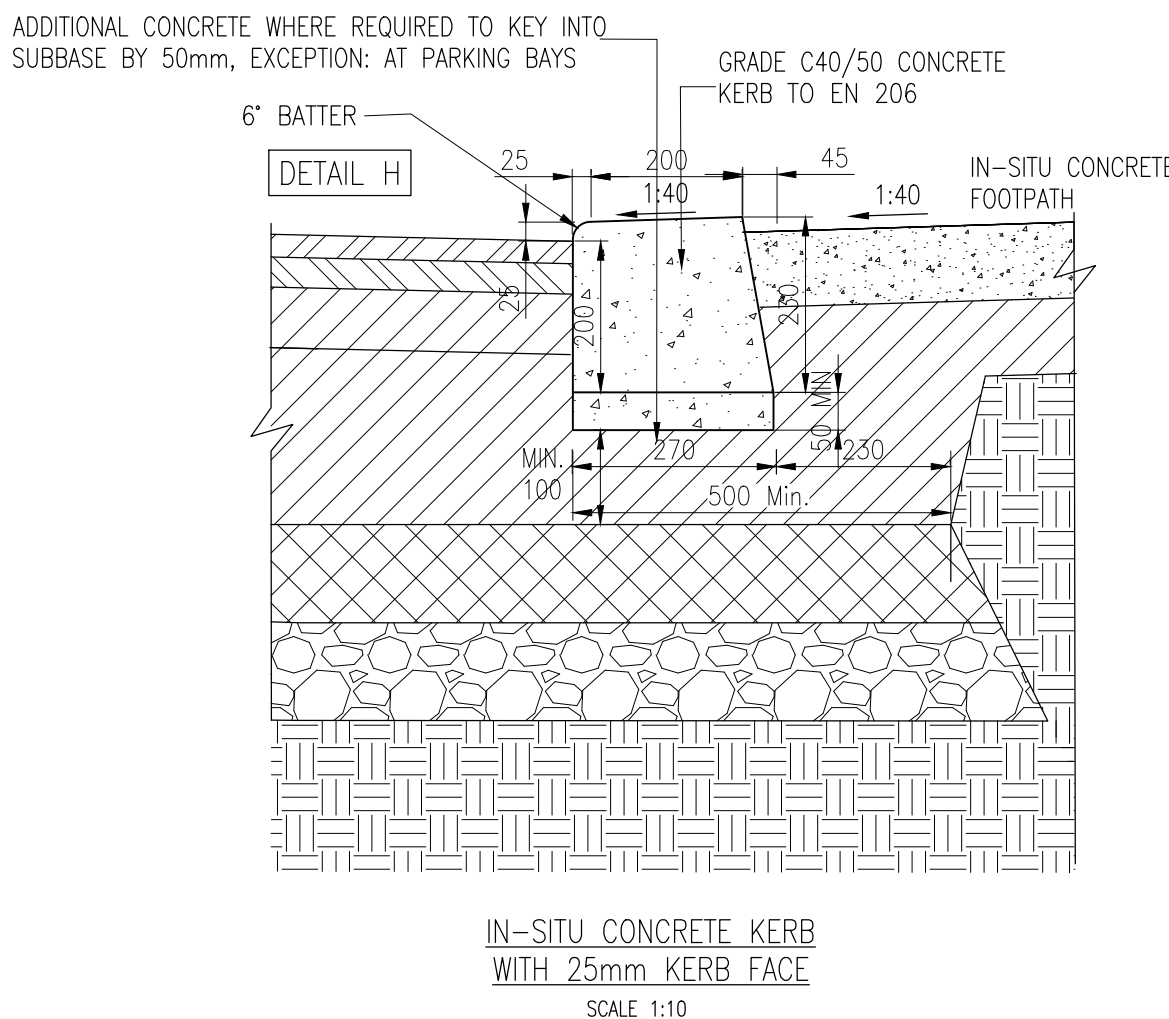
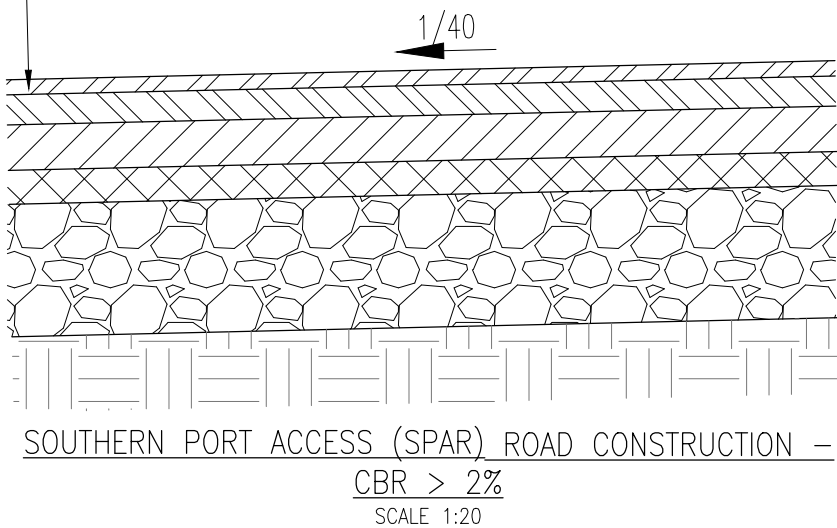




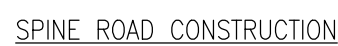
LONGITUDINAL AND TRANSVERSE JOINT SAWCUT DETAIL BETWEEN NEW CONSTRUCTION AND EXISTING ROAD
SCALE 1:10



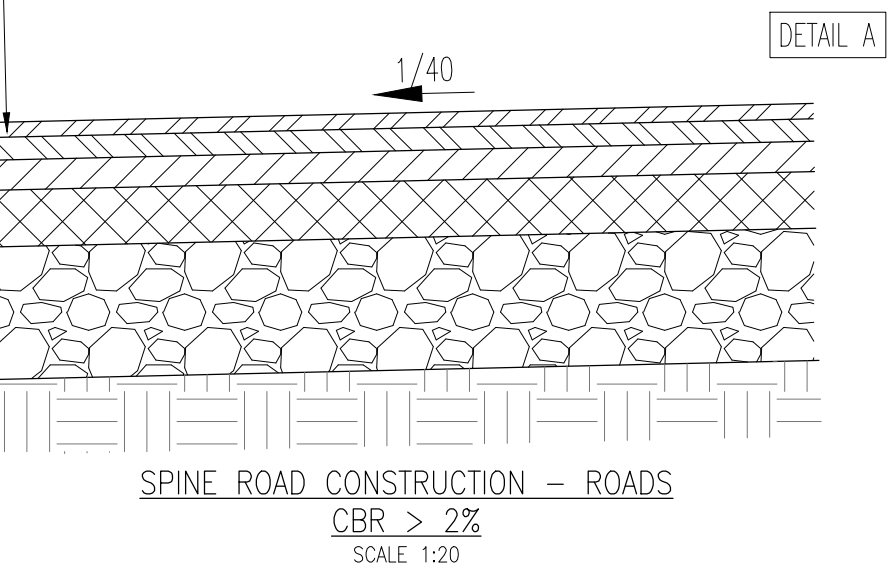
- 40mm SURFACE COURSE 10mm or 14mm CHIP SMA SURF PMB65/105-60 (I.S. EN 13108-5)
 • 60mm BINDER COURSE 20mm CHIP AC20 70/100 DENSE BASE (I.S. EN 13108-1)
 • 120mm BASE COURSE 32mm CHIP AC32 70/100 DENSE BASE (I.S. EN 13108-1)
 • 150mm SUB BASE COURSE CLAUSE 808/804 GRANULAR MATERIAL (I.S. EN 13285)
 • 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 / STABILISED MATERIAL TO SPECIALIST DESIGN CAN BE USED AS CAPPING MATERIAL UNDER BASES, SUBJECT TO AGREEMENT WITH THE ENGINEER / LOCAL AUTHORITY.)



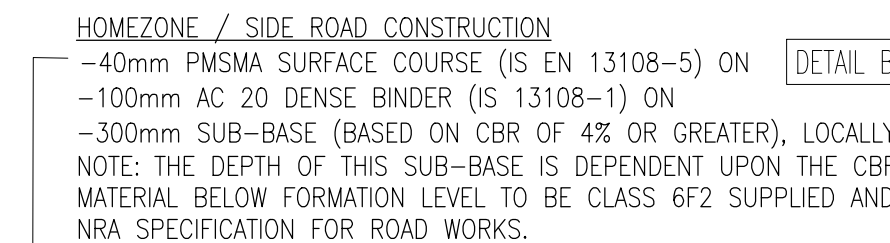
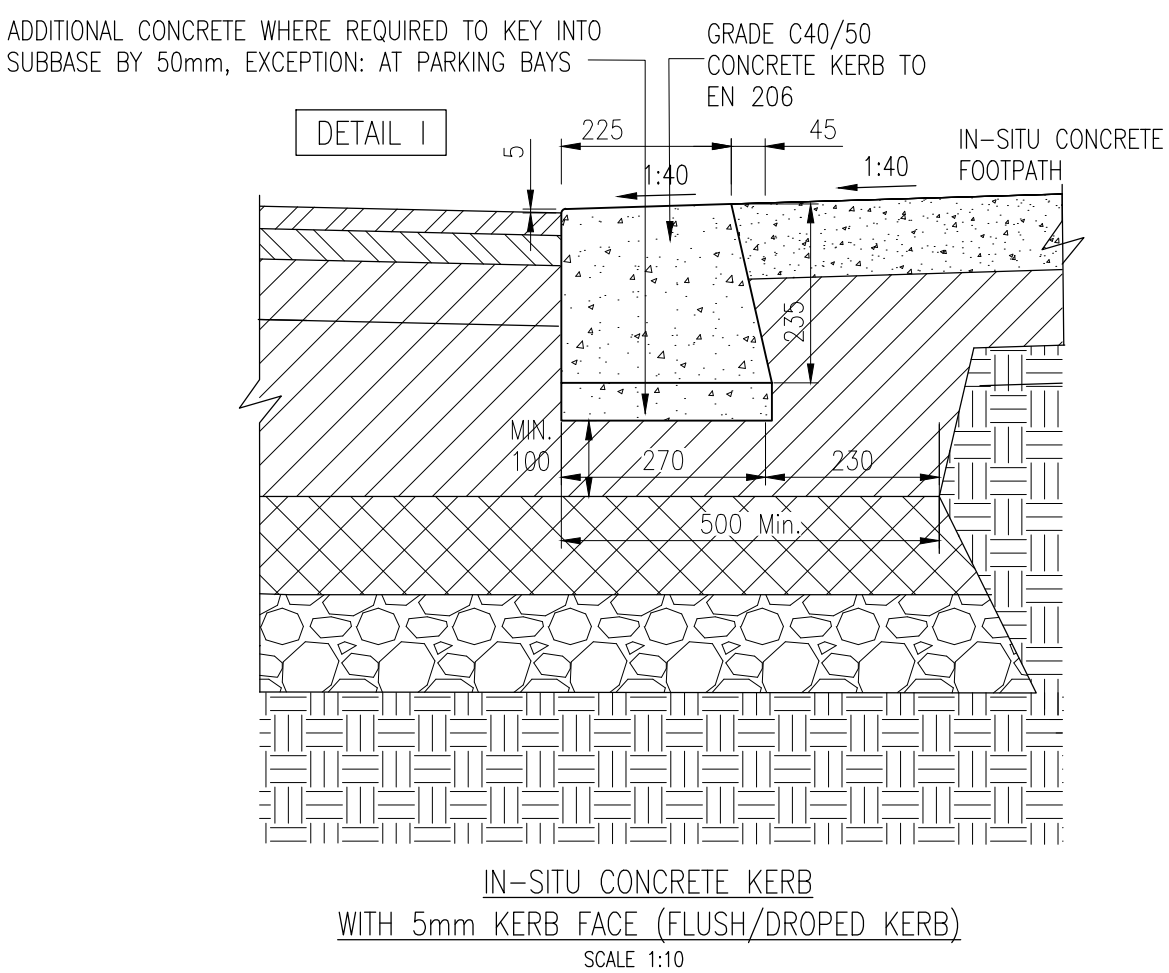
SOUTHERN PORT ACCESS (SPAR) ROAD CONSTRUCTION -
CBR > 2%
SCALE 1:20



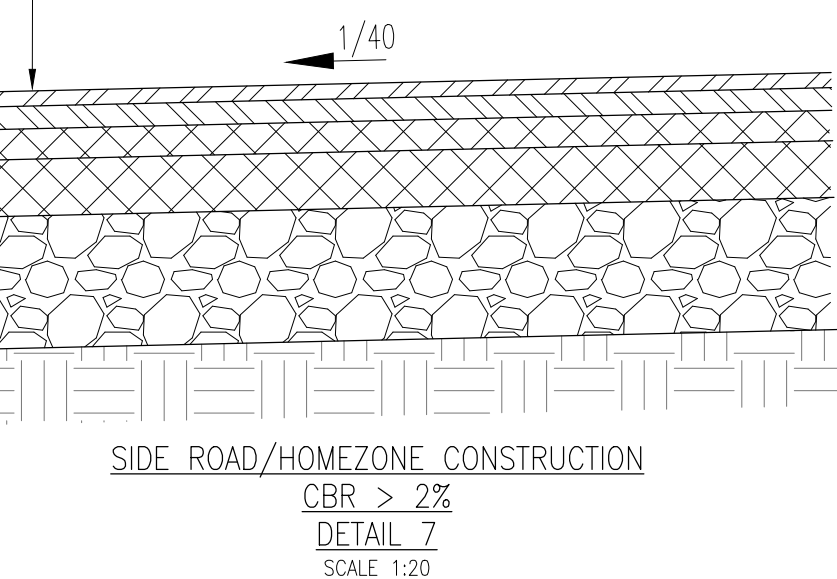
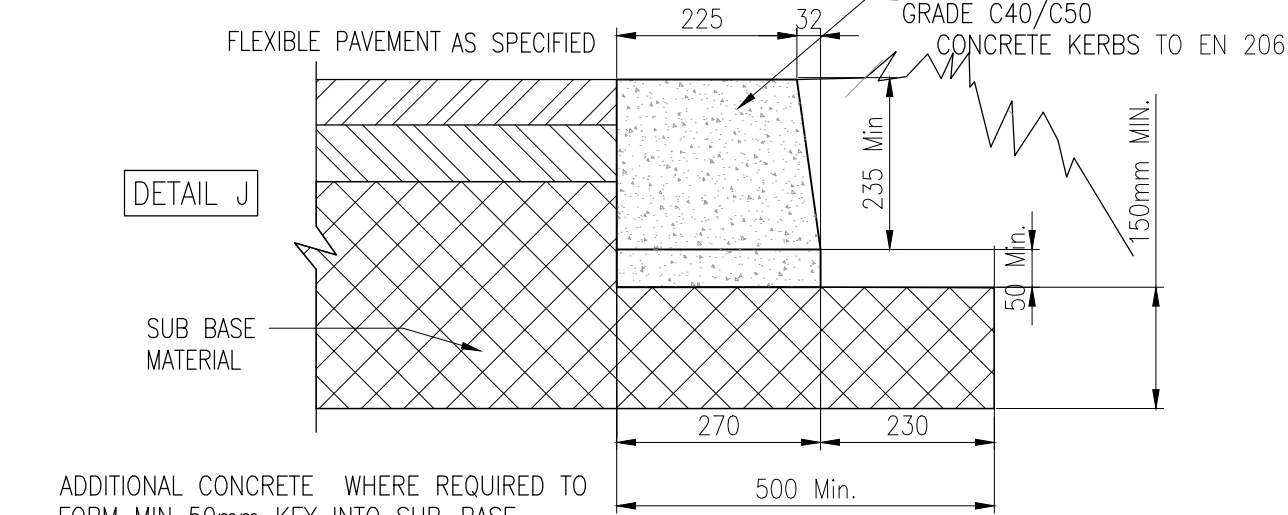
- 40mm SURFACE COURSE – 10mm or 14mm CHIP – SMA SURF – PMB65/105-60 (I.S. EN 13108-5)
 - 60mm BINDER COURSE – 20mm CHIP – AC20 70/100 DENSE BASE (I.S. EN 13108-1)
 - 80mm BASE COURSE – 32mm CHIP – AC32 70/100 DENSE BASE (I.S. EN 13108-1)
 - 150mm SUB BASE COURSE – CLAUSE 808/804 GRANULAR MATERIAL (I.S. 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 / STABILISED MATERIAL TO SPECIALIST DESIGN CAN BE USED AS CAPPING MATERIAL UNDER ROADS. SUBJECT TO AGREEMENT WITH THE ENGINEER / LOCAL AUTHORITY.)



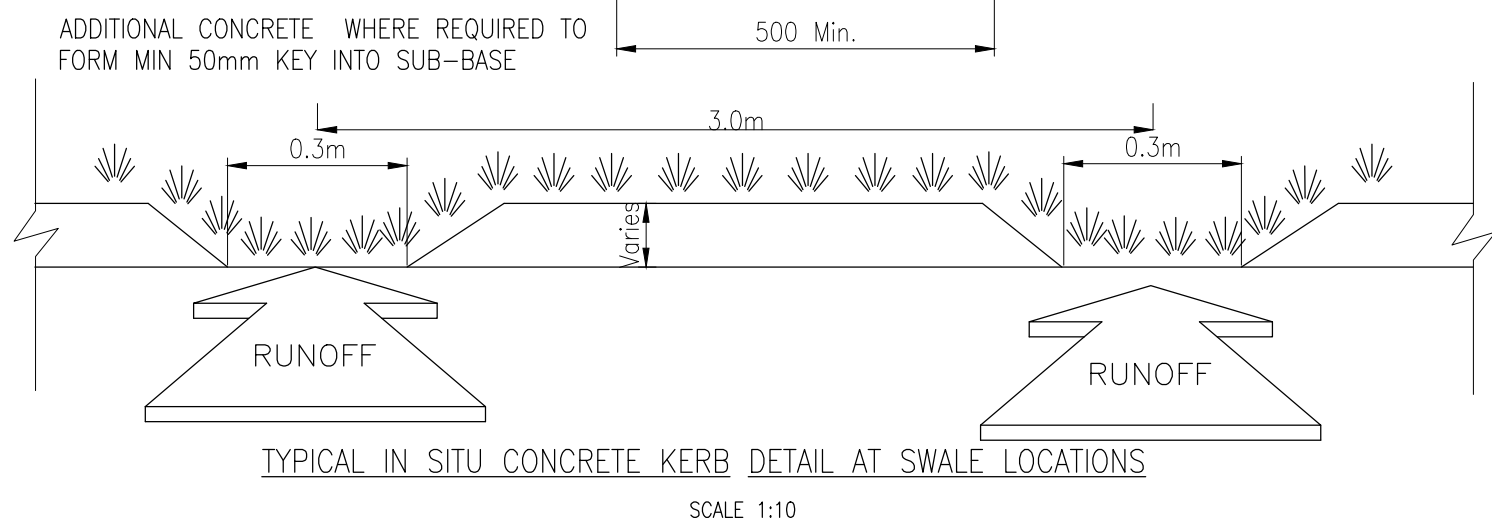
SPINE ROAD CONSTRUCTION - ROADS
CBR > 2%
SCALE 1:20



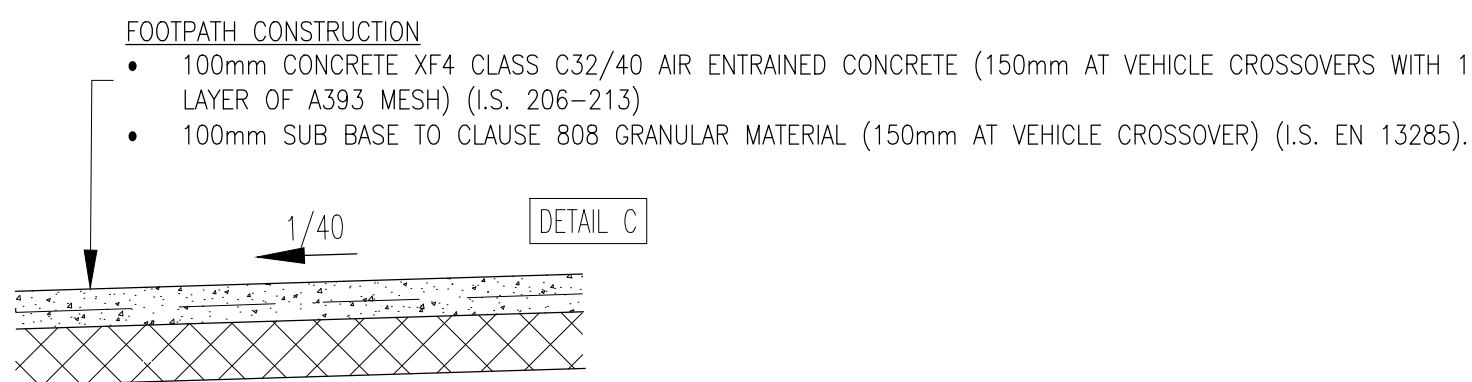
HOMEZONE / SIDE ROAD CONSTRUCTION
 -40mm PMSMA SURFACE COURSE (IS EN 13108-
 -100mm AC 20 DENSE BINDER (IS 13108-1) ON
 -300mm SUB-BASE (BASED ON CBR OF 4% OR
 NOTE: THE DEPTH OF THIS SUB-BASE IS DEPENDENT
 MATERIAL BELOW FORMATION LEVEL TO BE CLASS
 NRA SPECIFICATION FOR ROAD WORKS.



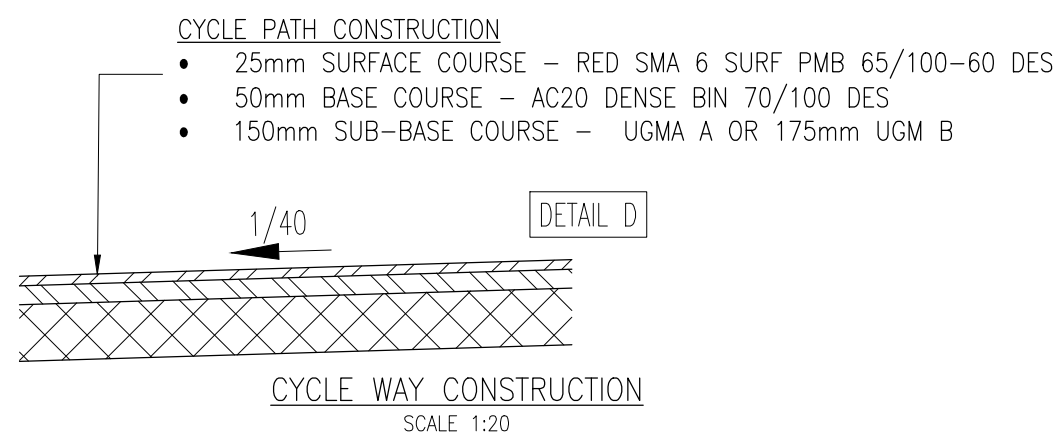
SIDE ROAD/HOMEZONE CONSTRUCTION
CBR > 2%
DETAIL 7
SCALE 1:20



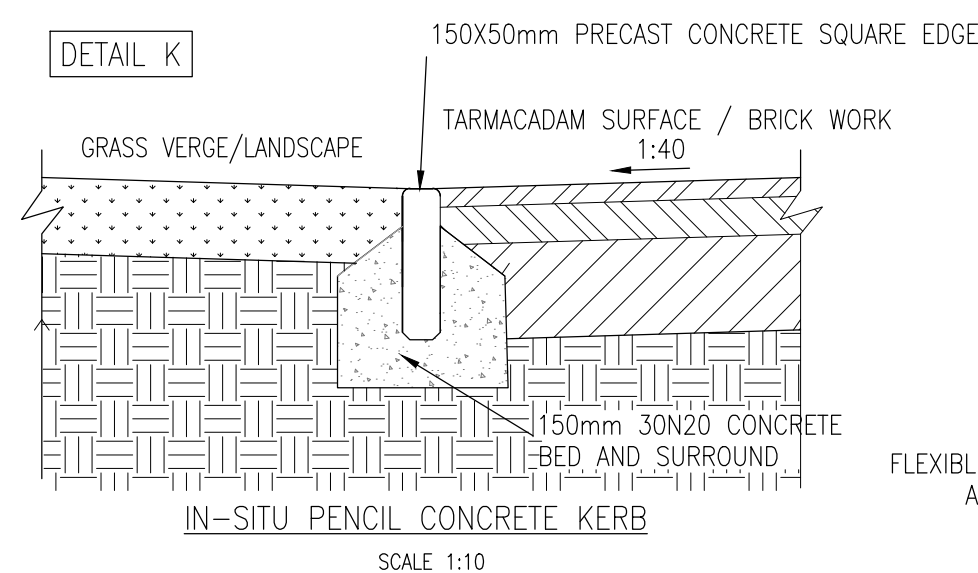
TYPICAL IN SITU CONCRETE KERB DETAIL AT SWALE LOCATIONS



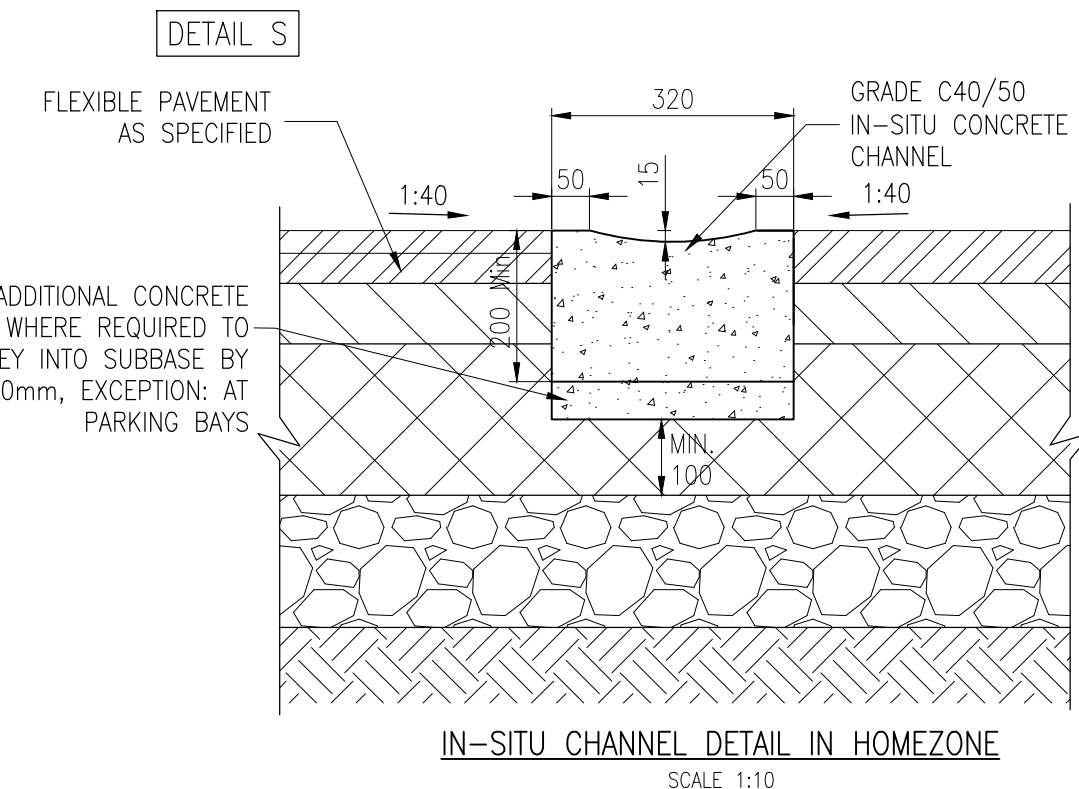
FOOTPATH CONSTRUCTION
SCALE 1:20



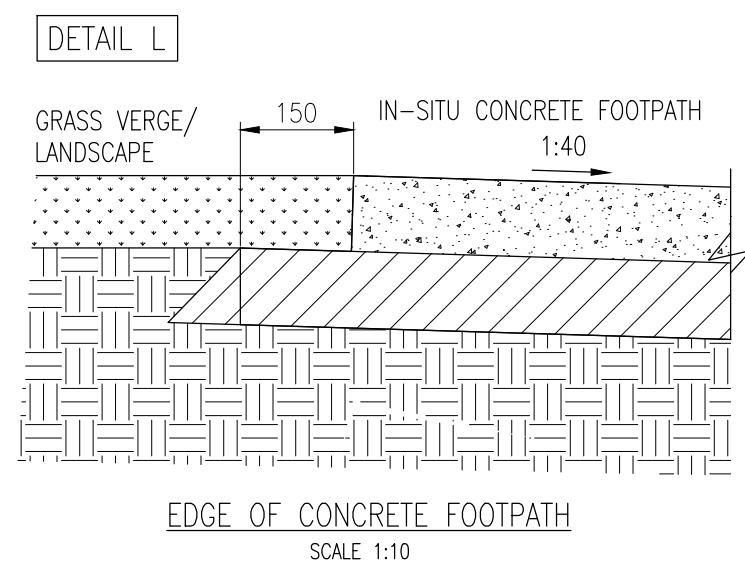
CYCLE WAY CONSTRUCTION
SCALE 1:20



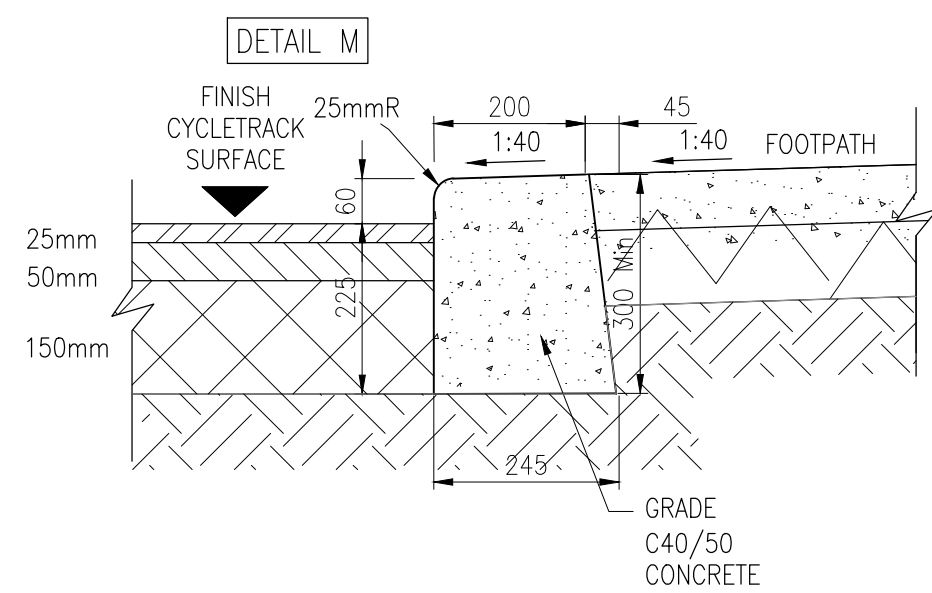
SCALE 1:10



IN-SITU CHANNEL DETAIL IN HOMEZONE
SCALE 1:10



EDGE OF CONCRETE FOOTPATH
SCALE 1:10

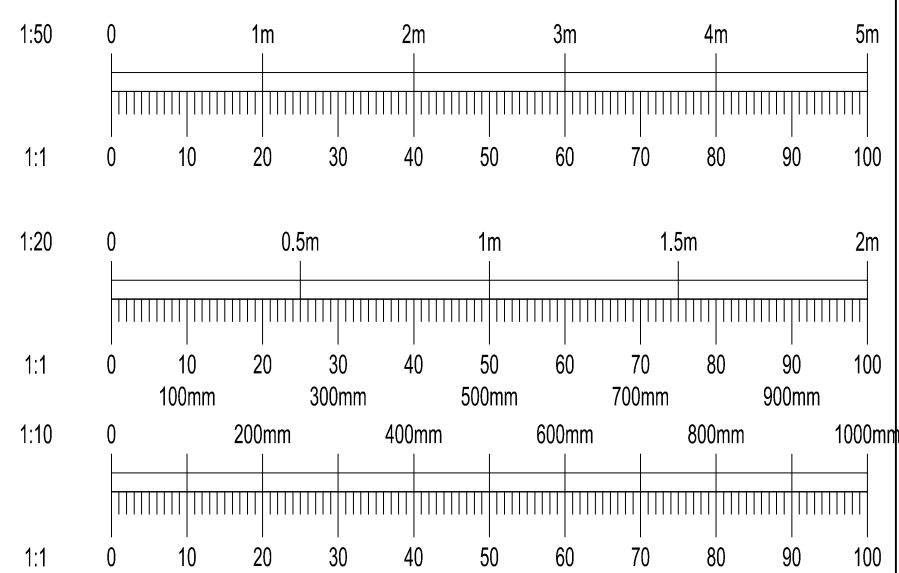


KERB DETAIL 8 - IN-SITU CONCRETE KERB WITH 60mm KERB
FACE AT CYCLETRACK
SCALE 1:10

Existing formation CBR		<2.0	2	3	4
Standard Construction	Depth of sub-base (mm)		150	150	150
	Depth of capping (mm)	Requires special treatment	450	350	300
Increase depth of Type 1 sub-base and delete capping		-	-	325	300

NOTE:- CAPPING LAYER THICKNESS
ADDITIONAL TESTS TO BE CARRIED OUT BY THE CONTRACTOR TO BE TAKEN AT A RATE AGREED WITH THE ENGINEER BUT NOT LESS THAN 1 PER 50m.
ALL C.B.R. RESULTS TO BE SUBMITTED TO THE ENGINEER PRIOR TO LAYING SUB-BASE FOR APPROVAL.

ASSUMED CAPPING LAYER THICKNESS FOR CONSTRUCTION 350mm.
NOTE:- ROAD SUBBASE THICKNESS
THICKNESS OF NON-FRONT SUSCEPTIBLE SUB-GRADE IS SHOWN HEREUNDER. C.B.R. TESTS TO BE TAKEN AT A RATE AGREED WITH THE ENGINEER BUT NOT LESS THAN 1 PER 50m. ALL C.B.R. RESULTS TO BE SUBMITTED TO THE ENGINEER PRIOR TO LAYING SUB-BASE FOR APPROVAL.

[illegible]