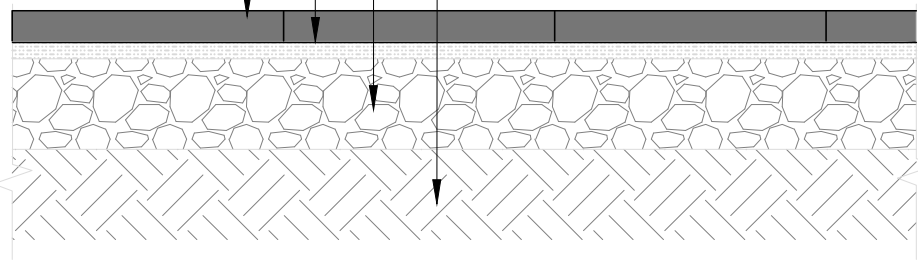


FLAG PAVING AS PER ARCHITECTURAL DETAILS
30MM SHARP SAND LAYING COURSE
150mm TYPE 1 GRANULAR MATERIAL
APPROVED FORMATION

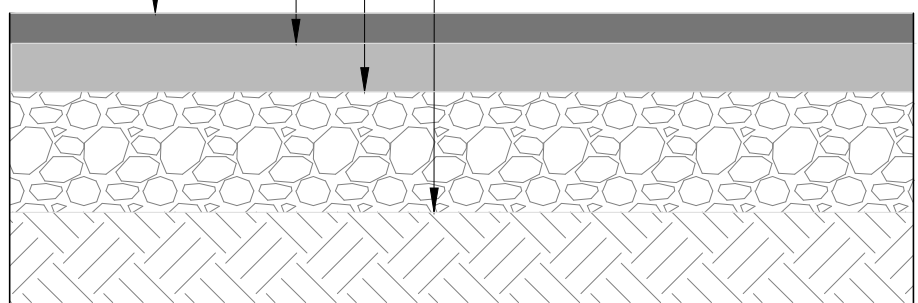


FOOTPATH - DBM: REF F1
SCALE - NTS

PAVEMENT REF F1: FOOTPATH CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	911	PAVING SPECIFICATION TO BE CONFIRMED	N/A	50/60mm	AS PER ARCHITECTS SPECIFICATION
LAYING COURSE	N/A	SHARP SAND	N/A	30mm	N/A
SUB-BASE	803	GRANULAR TYPE 1 SUB BASE	-	150mm	BASED ON A CBR VALUE OF 4%

40mm HRA WEARING COURSE
60mm DENSE BITUMEN MACADAM BASE COURSE
200mm TYPE 1 GRANULAR MATERIAL
APPROVED FORMATION

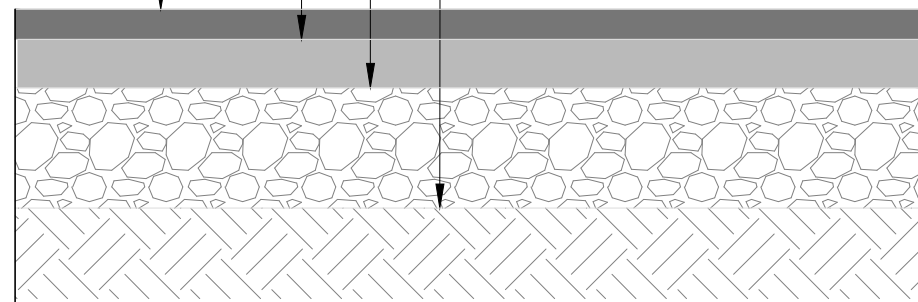


CAR PARK - ASPHALT: REF C1
SCALE - NTS

PAVEMENT REF C1: CARRIAGEWAY CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	910	DENSE MACADAM (HRA 30/14 F)	40/60 PEN	40mm	BS EN 13108, PD 6691
BINDER COURSE	906	DENSE MACADAM (60/20 BIN)	40/60 PEN	60mm	BS EN 13108, PD 6691
SUB-BASE	803	GRANULAR TYPE 1 SUB BASE	-	200mm	BASED ON A CBR VALUE OF 4%

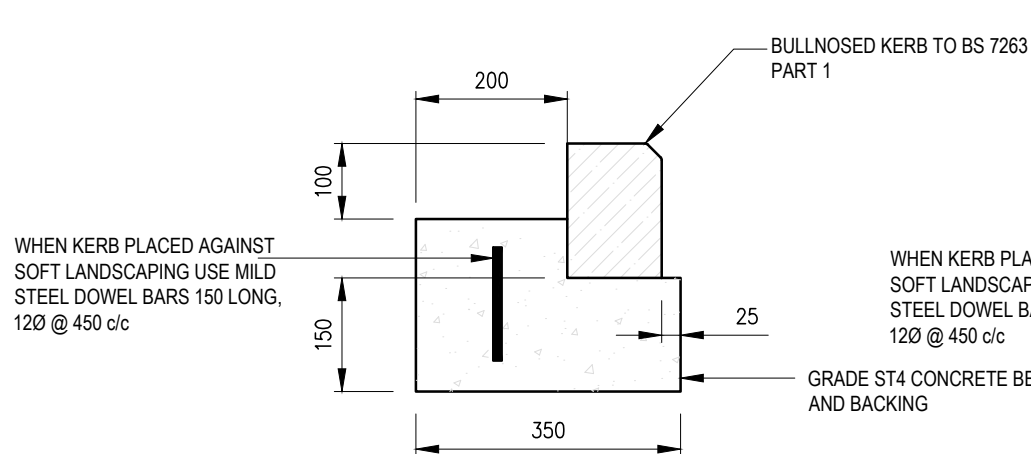
30mm DENSE BITUMEN MACADAM WEARING COURSE
60mm DENSE BITUMEN MACADAM BASE COURSE
200mm TYPE 1 GRANULAR MATERIAL
APPROVED FORMATION



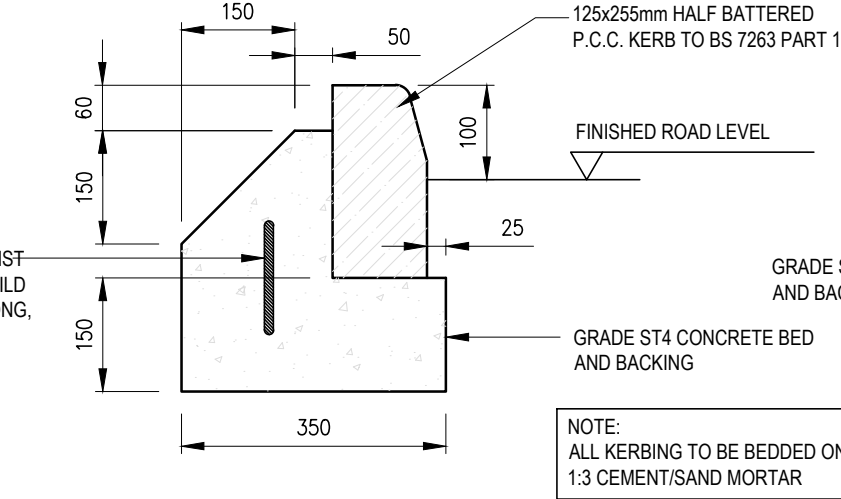
CAR PARK (PARKING BAYS) - ASPHALT: REF C2
SCALE - NTS

PAVEMENT REF C2: PARKING BAY CONSTRUCTION

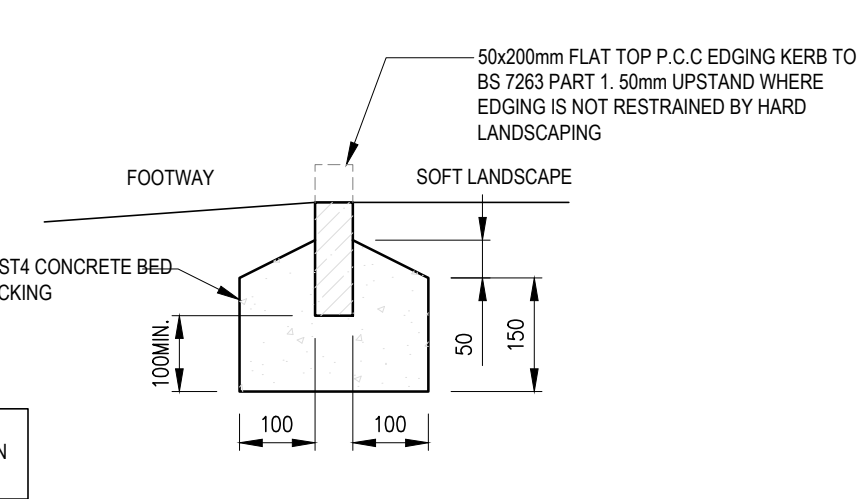
LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	910	DENSE MACADAM (AC10 CLOSE SURF)	100/150 PEN	30mm	BS EN 13108, PD 6691
BINDER COURSE	906	DENSE MACADAM (AC 20 DENSE BIN)	100/150 PEN	60mm	BS EN 13108, PD 6691
SUB-BASE	803	GRANULAR TYPE 1 SUB BASE	-	200mm	BASED ON A CBR VALUE OF 4%



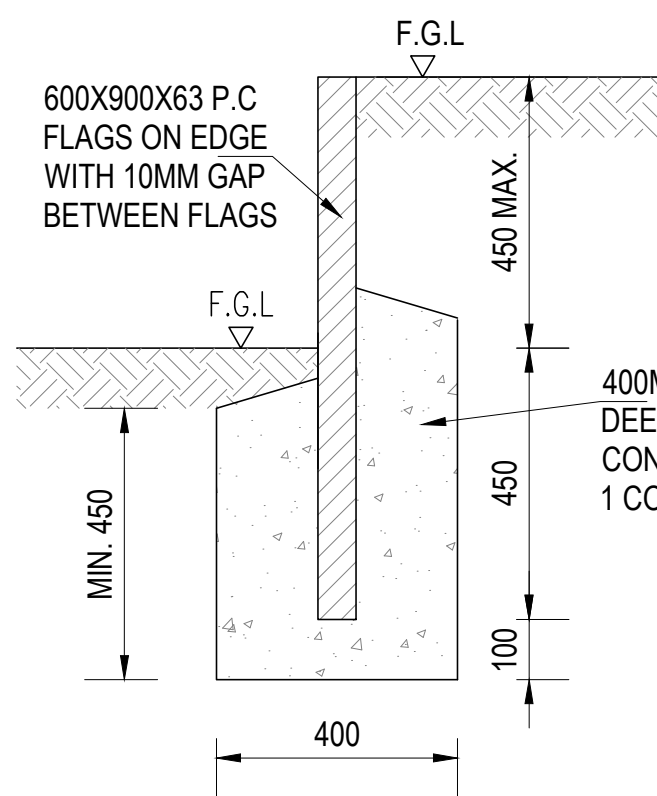
BULLNOSED DROPPED KERBING TYPE K2
SCALE 1:10



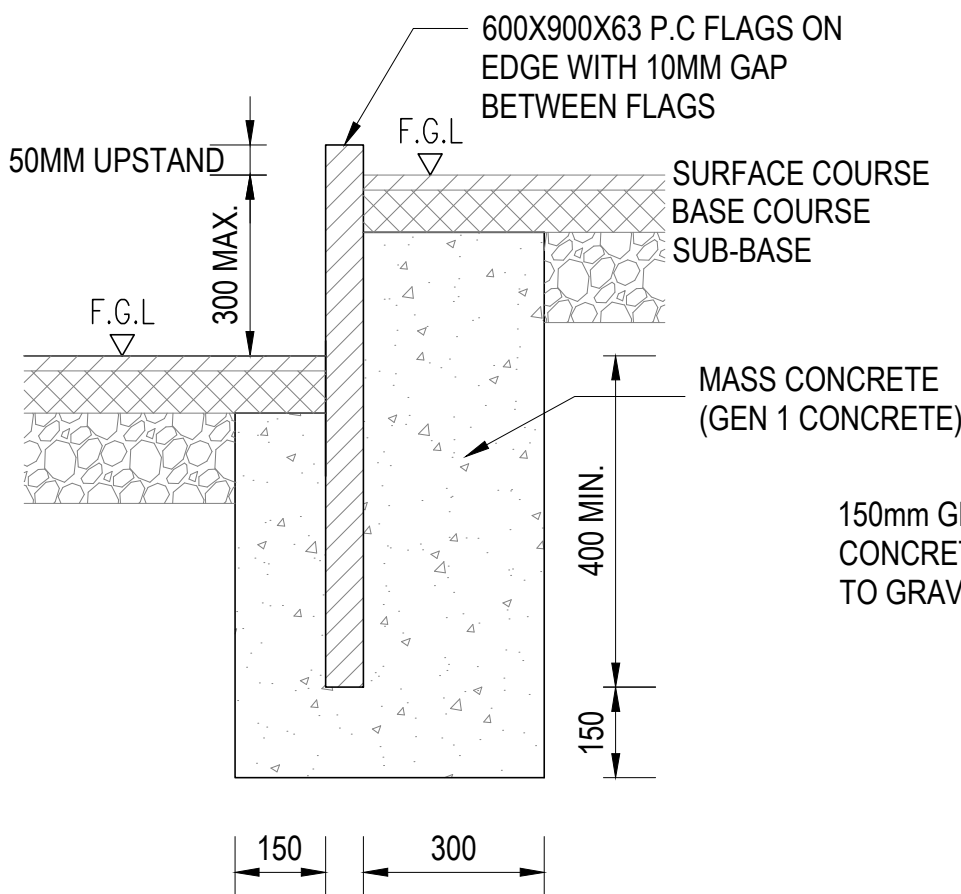
HALF BATTERED KERBING TYPE K1
SCALE 1:10



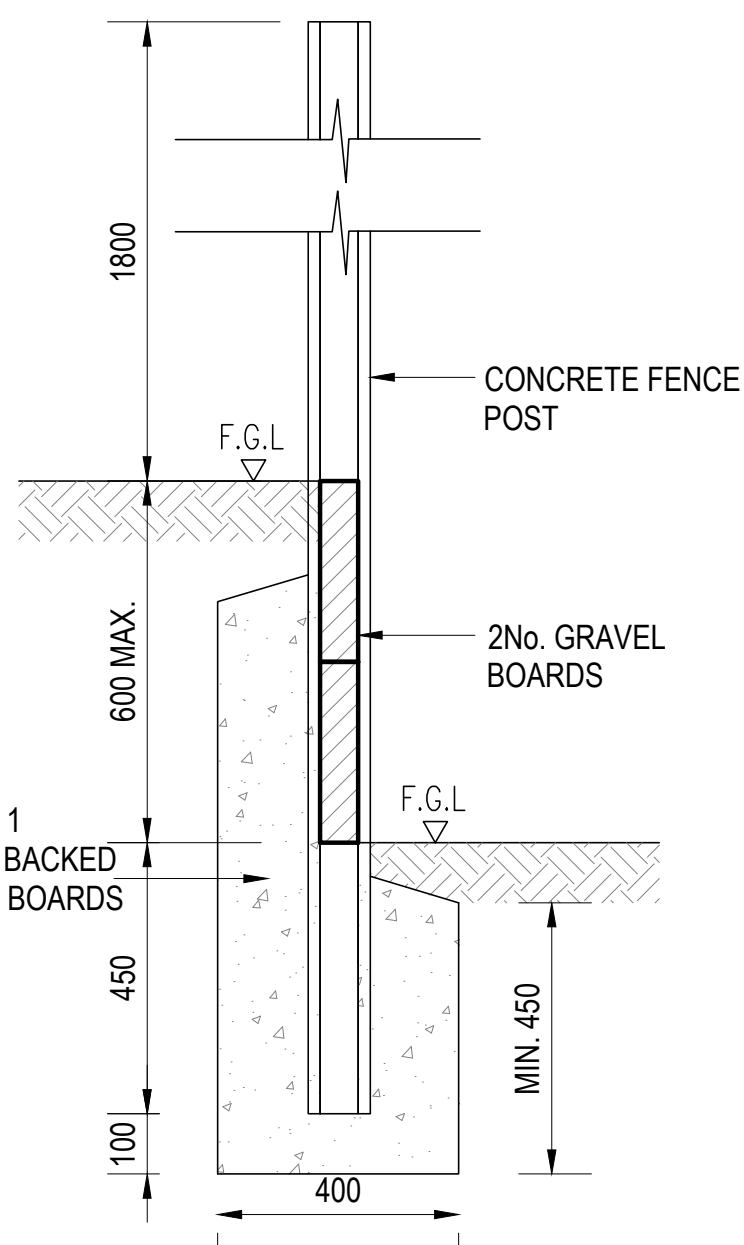
EDGING KERB
SCALE 1:10



TYPICAL FLAG ON EDGE
TO GARDEN



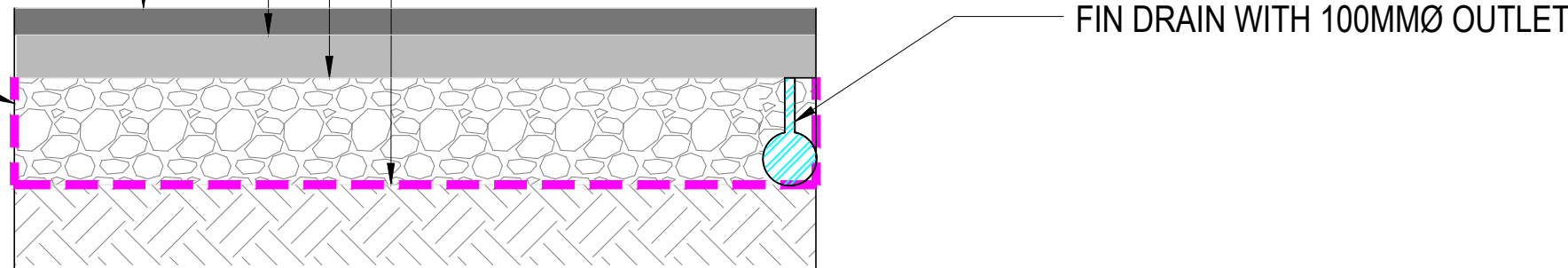
TYPICAL FLAG ON EDGE
TO DRIVE



TYPICAL CONCRETE
POST/GRAVEL BOARD FENCE

POROUS TERRAM ON
GEOTEXTILE MATERIAL.

30MM THICK ULTRADRIIVE 6MM POROUS SURFACE COURSE (OR SIMILAR)
60MM THICK ULTRADRIIVE 20MM POROUS BINDER COURSE (OR SIMILAR)
200MM (MAX) BASE COURSE TO BE 20MM MIN TYPE 3 MOT TO CLAUSE 803
TO PROVIDE 30-40% VOIDS (REFER TO TABLE FOR DEPTH)
APPROVED FORMATION



CAR PARK (POROUS PARKING BAYS) - ASPHALT: REF C3
SCALE - NTS

PAVEMENT REF C3: PARKING BAY CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	910	POROUS MACADAM (AC6 CLOSE SURF)	100/150 PEN	30mm	ULTRADRIIVE MATERIAL (OR SIMILAR)
BINDER COURSE	906	POROUS MACADAM (AC 20 DENSE BIN)	100/150 PEN	60mm	ULTRADRIIVE MATERIAL (OR SIMILAR)
SUB-BASE	803	GRANULAR TYPE 3 SUB BASE	-	200mm	BASED ON A CBR VALUE OF 4%

NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- PAVEMENT BUILD-UPS
- CBR VALUES AT FORMATION LEVEL AND SUB-FORMATION TO BE CONFIRMED BY INSITU TESTS CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS
- THE FORMATION WILL BE REDUCED READY FOR TESTING AND NOT ALTERED BY THE ADVANCE PREPARATION OF SUB-BASE MATERIAL. MEMBRANE PROTECTION IN ADVERSE WEATHER AND OR PUMPING MAY BE REQUIRED.
- THE SUPERVISOR WILL REQUIRE 48 HOURS NOTICE TO ATTEND THE SITE TO INSPECT THE REDUCED FORMATION.
- THE CONSTRUCTION OF THE CAPPING/SUB-BASE MATERIAL SHALL NOT BE COMMENCED UNTIL THE CBR TESTING HAS BEEN COMPLETED AND THE TEST RESULTS RECEIVED.
- BASE AND BINDER COURSE ARE TO BE TESTED (BY PRESCRIBED NON-DESTRUCTIVE MEANS) TO VERIFY 93% MINIMUM COMPACTION TO BE ACHIEVED. RESULTS TO BE SUBMITTED AND APPROVAL GIVEN BY THE WARRINGTON BOROUGH COUNCIL ENGINEER BEFORE FURTHER WORKS ARE PROGRESSSED.
- ALL MATERIALS WITHIN 450mm OF FINISHED SURFACE SHALL BE NON-FROST SUSCEPTIBLE IN ACCORDANCE WITH CL 602.19 AND 801.7
- WHERE CAPPING IS REQUIRED THIS WILL BE PROVIDED IN COMPACTED LAYERS NOT EXCEEDING 150mm THICK. OVERALL CAPPING THICKNESS WILL BE DEPENDANT UPON CBR RESULTS.

CAPPING REQUIREMENTS	
CBR RESULT	6F2 CAPPING THICKNESS REQUIRED
< 2%	MINIMUM 600mm WITH GROUND STABILISATION TO BE AGREED WITH ENGINEER
2% - 2.5%	450mm
2.5% - 3%	400mm
3% - 4%	350mm
4% - 5%	300mm
5% - 7.5%	250mm
7.5% - 10%	225mm
> 10%	NONE

P01	N.Y.1	INITIAL ISSUE	JCM	JLS	JLS
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:	PRELIMINARY
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CLIENT:	ADVENT CONSTRUCTION LTD
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ARCHITECT:	PADDOCK JOHNSON
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PROJECT:	BIGDALE DRIVE KIRKBY
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TITLE:	EXTERNAL WORKS DETAILS
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STATUS:	PROJECT No.	PROJECT	ORIGINATOR	VOL/SYS/LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	223-080	BDD - AJP - ZZ - 00 - DR - C - 1420						P01

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:20	JCM	JCM	JLS	JLS	SEPT 2023