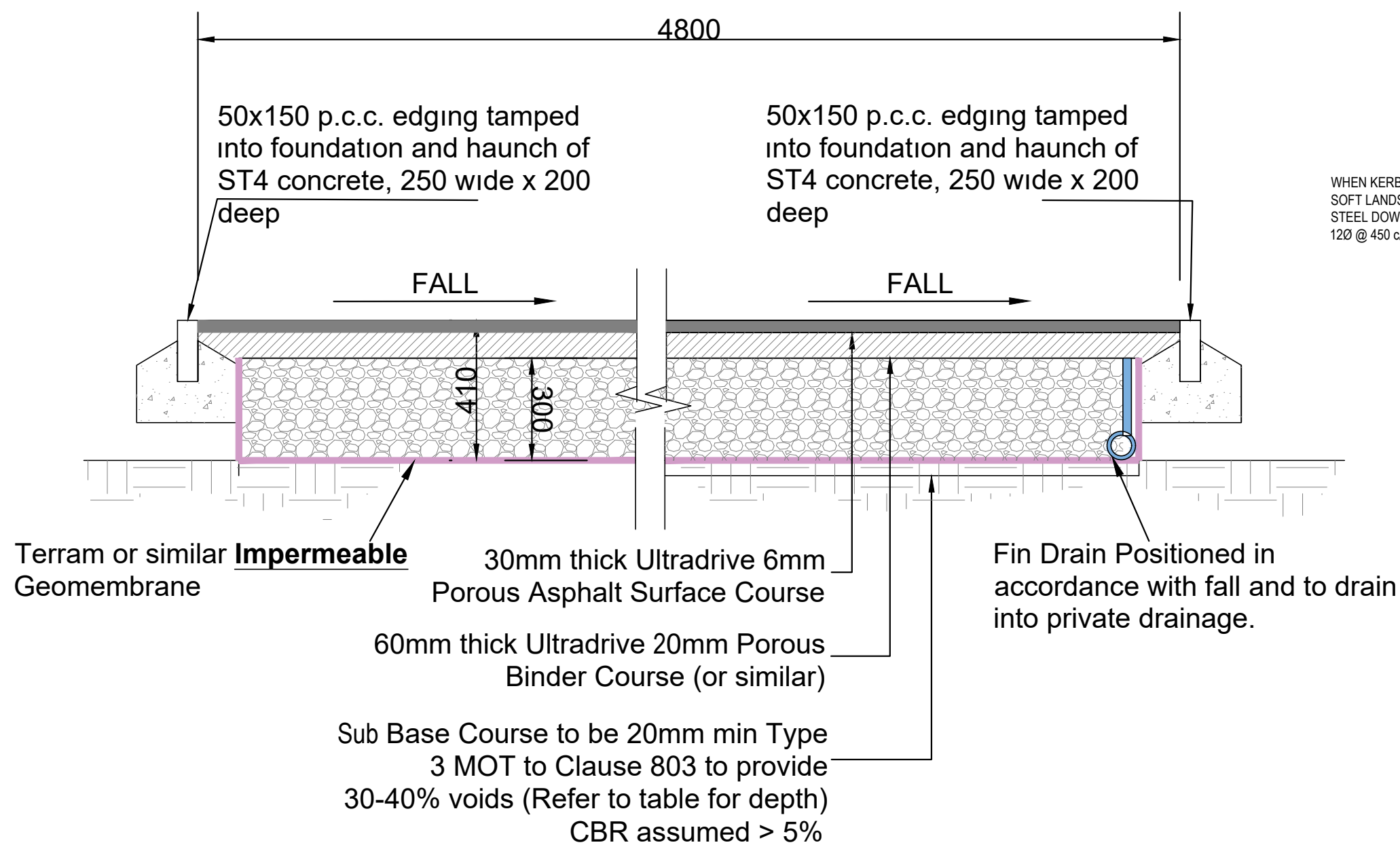
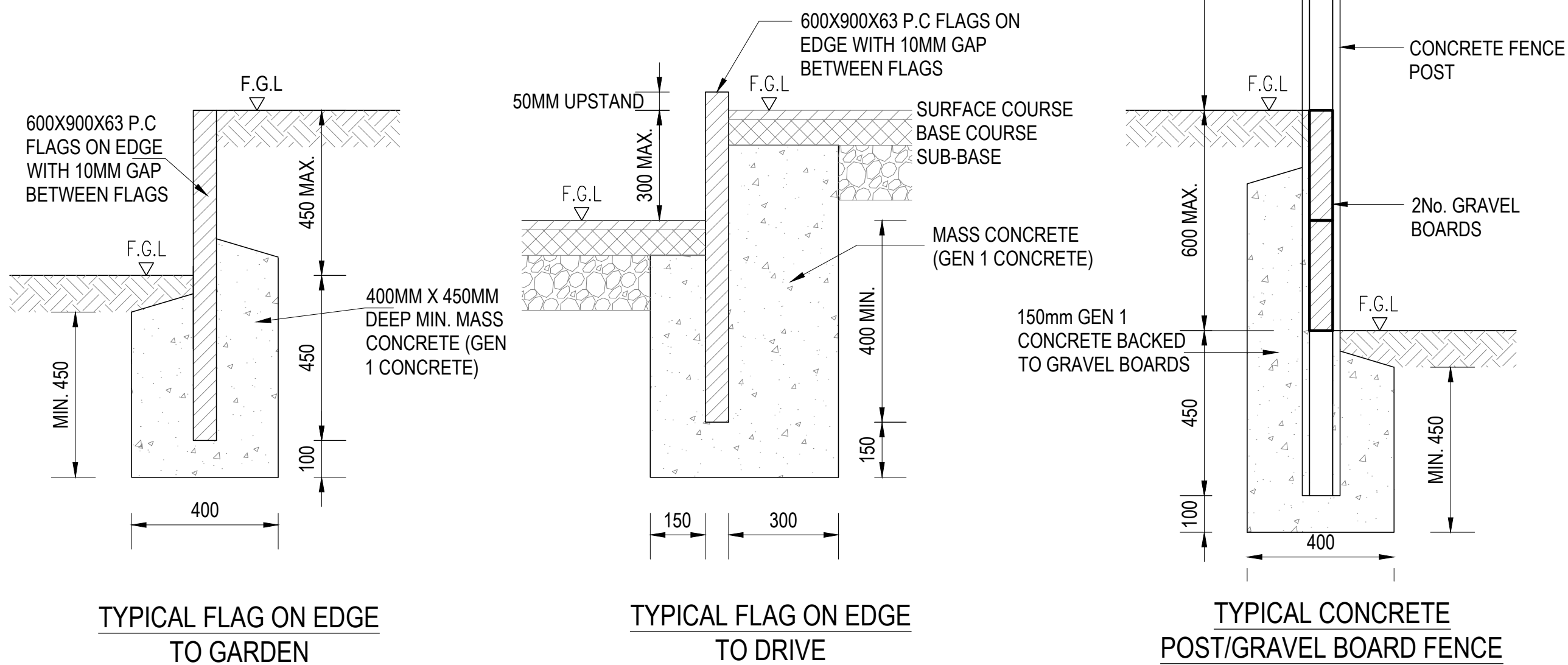
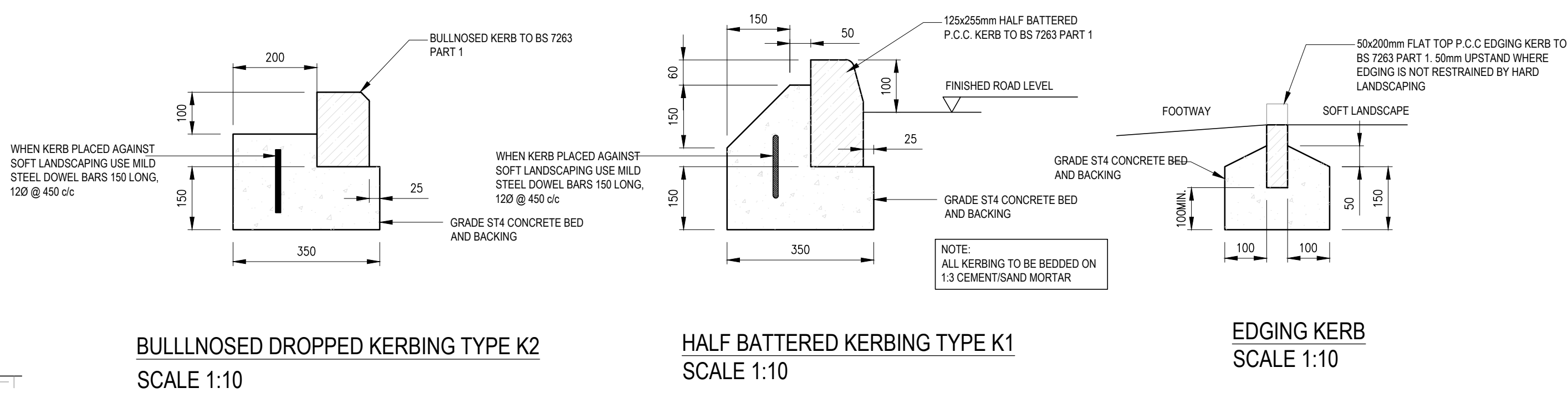




TYPICAL POROUS PRIVATE DRIVE DETAILS 1:20

PAVEMENT REF P1: POROUS DRIVE CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	911	ULTIPOROUS SURFACE COURSE AC 6 DENSE SURF	AS REQ	30mm	HYDRAULIC CONDUCTIVITY 5000mm/hr
BINDER COURSE	1105	ULTIPOROUS SURFACE COURSE AC 20 DENSE SURF	AS REQ	60mm	HYDRAULIC CONDUCTIVITY 5000mm/hr
SUB-BASE	803	GRANULAR TYPE 3 SUB BASE	-	300mm	BASED ON A CBR VALUE OF 5%



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	20.09.2024	STAGE 4 DRAWING PACKAGE ISSUE	JCM	JLS	JLS
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:	PRELIMINARY
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CLIENT:	CASEY
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ARCHITECT:	JOHN McCALLS
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PROJECT:	BENMORE DRIVE MANCHESTER
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TITLE:	EXTERNAL WORKS DETAILS
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STATUS:	PROJECT No:	PROJECT	ORIGINATOR	VOUSYS/LEVEL	TYPE	ROLE	DRAWING No:	REV:
S2	223-008	BEN - AJP	-ZZ	-00	-DR	C	1430	P01

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:20	JCM	JCM	JLS	JLS	SEPT 2024

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:20	JCM	JCM	JLS	JLS	SEPT 2024