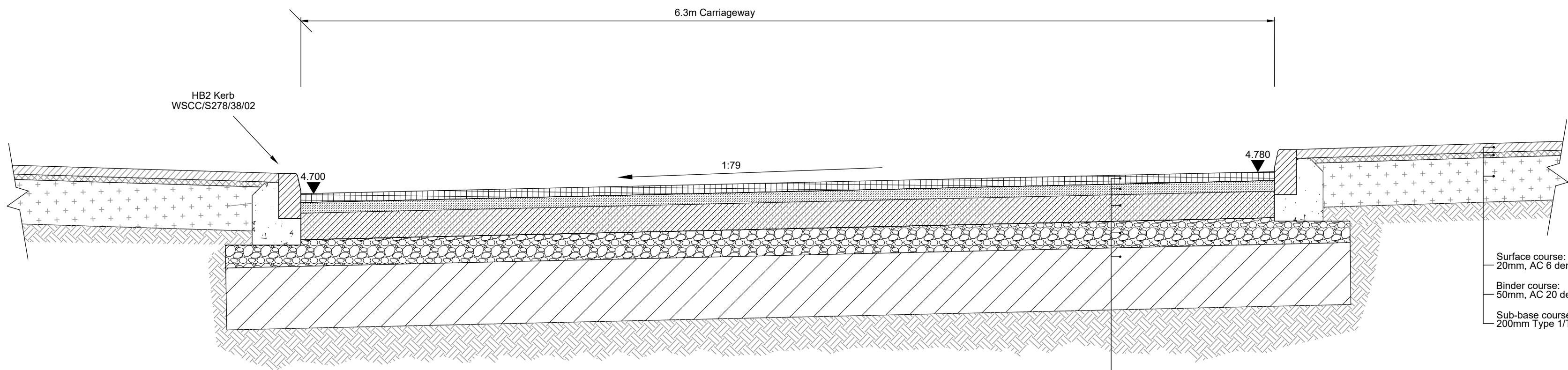
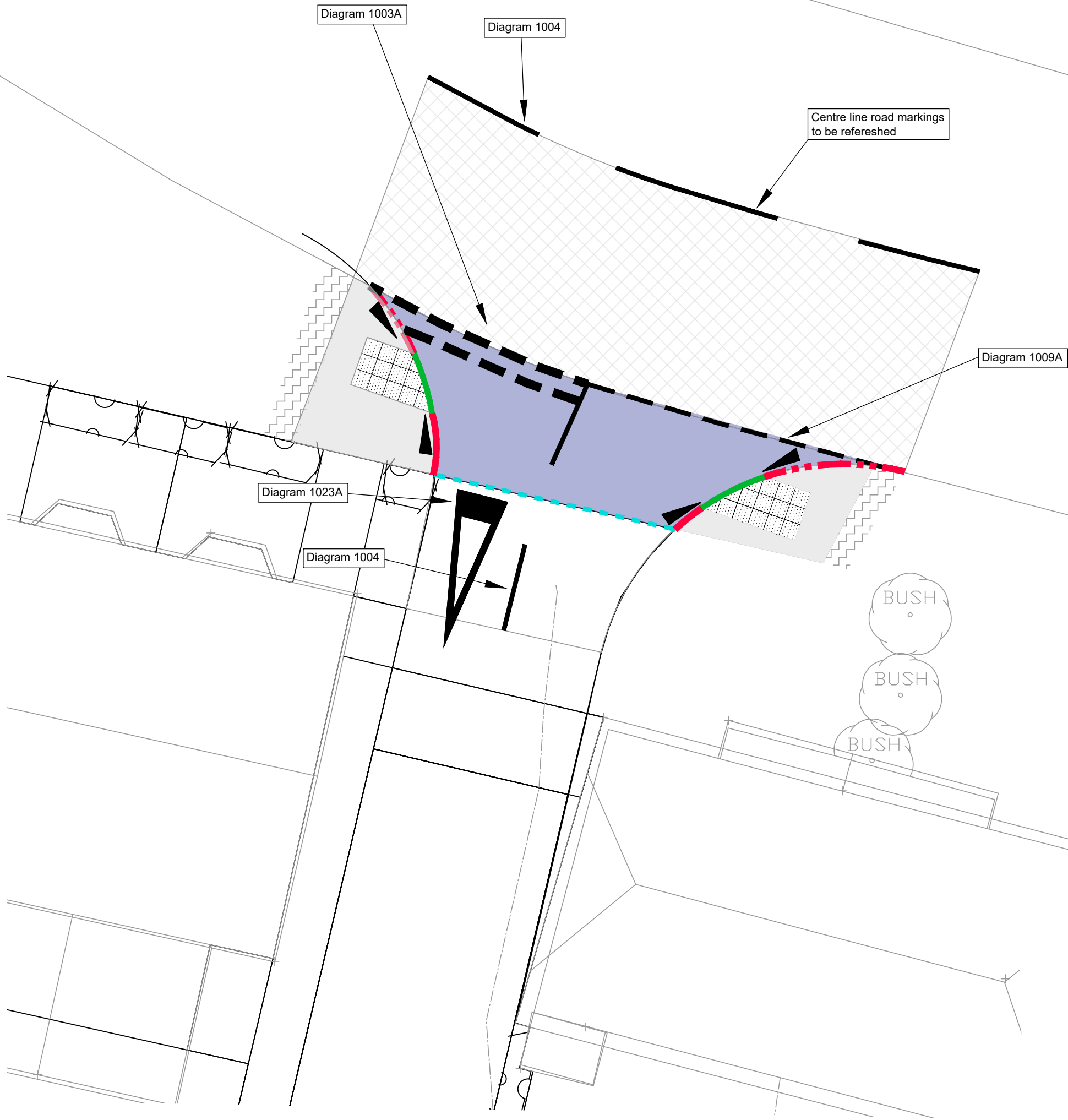


EXTERNAL WORKS LEGEND (1:100)

- HB2 kerb line 125mm upstand - WSCC/S278/38/02
- BN Kerb 0mm Upstand (Pedestrian Crossing) - WSCC/S278/38/02
- Type EF Edging - WSCC/S278/38/02
- Double row of Granite Setts at highway boundary - WSCC/S278/38/03
- BN Dropper kerb - WSCC/S278/38/02
- Flexible carriageway construction to adoptable standards
- Flexible footway construction to adoptable standards
- Carriageway Tie In - WSCC/S278/38/20 Option 1
- Tactile Paving (Blister Pavior) - WSCC/S278/38/04



Section Through Proposed Bellmouth Junction
A-A

- Surface course: 50mm thick HRA 35/14 F Surf des course to cl.943 with 14.20mm pre-coated chippings
- Binder course: 60mm thick 20m Dense Asphalt Concrete binder 40/60 pen to clause 906
- Base: 150mm thick 32mm Dense Asphalt Concrete Base 40/60 pen to clause 906
- Sub Base: 150mm thick Type 1 sub-base to clause 803
- Capping Layer: 350mm thick capping layer Type 1 to clause 803
- Formation

- Surface course: 20mm AC 6 dense surf 100/150.
- Binder course: 50mm AC 20 dense bin 40/60.
- Sub-base course: 200mm Type 1/Type 2 Sub-base.

HRA Surface Course Binder Spec:
35/14 Hot Rolled Asphalt (Performance Related Design Mix) to cl. 943 in accordance with BS EN 13108-4, PD 6691, BS 594987
HRA 35/14F surf des course
Aggregate Percentage: 35% Coarse Aggregate to be crushed rock of slag, excluding limestone.
Minimum PSV = 50
Aggregate grading [BS EN 13108-4 Table 4] Column No.: 35/14F
Test temperature for wheel-tracking to BS 598-110: 45°C
Maximum Wheel-tracking rate: 2mm
Maximum Wheel-tracking rut depth: 4mm
Site classification: 1
Minimum target Binder Content Bact = 7.0%

HRA Surface Course Binder Spec:
14/20mm pre-coated chippings (PSV as per table 3.1a of (AN 156/12)) with a spread rate achieving a texture depth in accordance with Series 900 table 9/3 in accordance with BS EN 13108-4, PD 6691, BS 594987 Coarse Aggregate to be crushed rock or slag, excluding limestone and gravel. Coated chippings nominal size: 14/20, Aggregate grading to PD 6691 Table C.5 Column No.: 14/20 size, Flakiness Index: F120.
Maximum AAV: 12
Minimum Target Binder Content Bact = 1.5%

STANDARD EXTERNAL WORKS NOTES

- DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
- ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
- SOFT SPOTS TO BE REMOVED AND FILLED TO A MINIMUM DEPTH OF 600mm WITH 6F1/6F2 MATERIAL AND PROOF ROLLED PRIOR TO CONSTRUCTION
- TYPE 1 SUB BASE MATERIAL SHALL BE IN ACCORDANCE WITH CLAUSE 803 OF THE SPECIFICATION FOR HIGHWAY WORKS (SHW) WITH A MINIMUM LAB CBR OF 30%
- TYPE 6F1/6F2 CAPPING MATERIAL SHALL BE IN ACCORDANCE WITH CLAUSE 613 OF THE SHW WITH A MINIMUM LAB CBR OF 15%
- ALL ACCESSES TO COMPLY WITH PART M OF THE BUILDING REGULATIONS AS DESIGNED. IF IN DOUBT ASK ENGINEER.

TO BE READ IN CONJUNCTION WITH:
C1113.500_P_S278 Agreement Plan
C1113.502_P_S278 Visibility Splay Extent Plan
WSCC 278/38 Highway Agreement Standard Details
drawings 01-36

DESIGN SUBJECT TO THE APPROVAL OF:
PLANNING AUTHORITY
WSCC HIGHWAYS

PRELIMINARY

P-	17.08.21	PRELIMINARY ISSUE	LH	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP
 Consulting Civil Engineers					
CLIENT JENT ESTATES					
ARCHITECT ADM ARCHITECTS					
JOB TITLE 283-285a CHICHESTER ROAD BOGNOR REGIS					
DRAWING TITLE SECTION 278 ENGINEERING LAYOUT					
DRAWN	LH	ENGINEER	C SLADE	CHECKED	CS
DATE	OCT 2019	SCALE @ A1	1:100	APPROVED	CS
JOB NO.	C1113	STATUS	P	DRAWING NO.	501
REV.	P-				