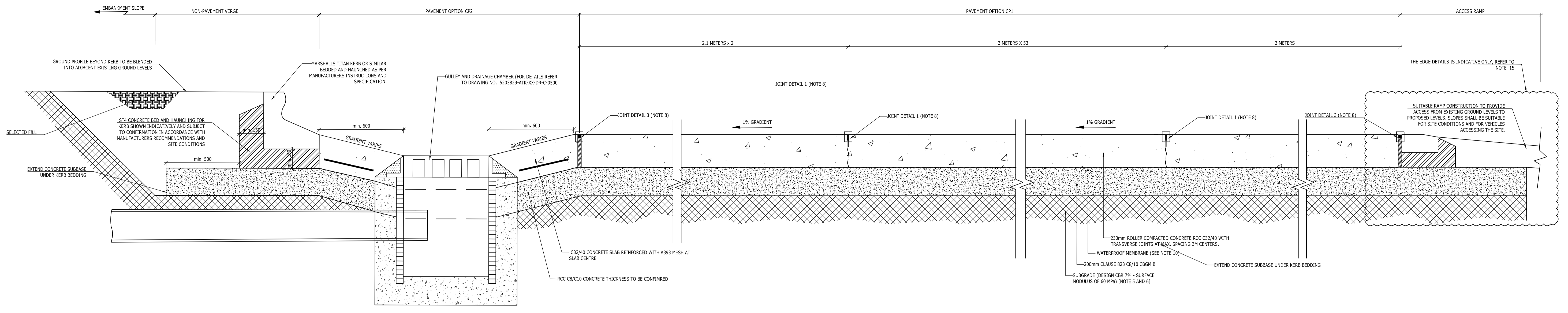
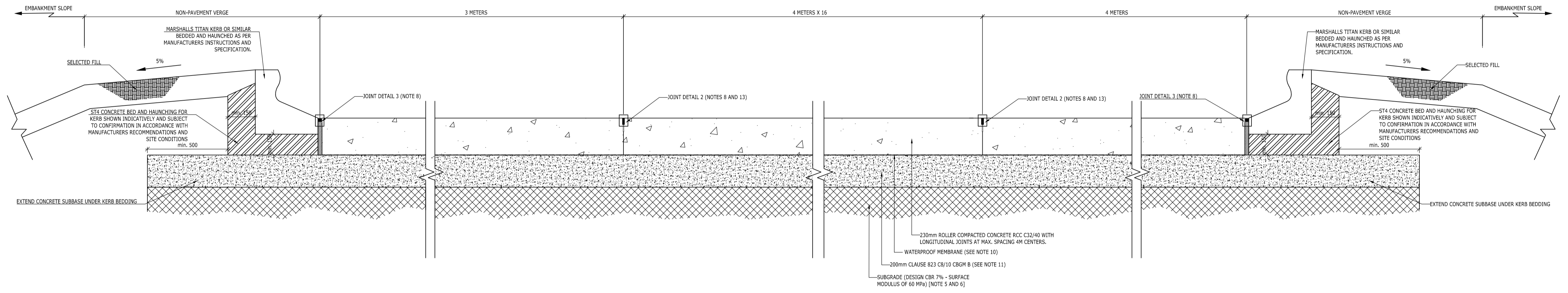


DO NOT SCALE

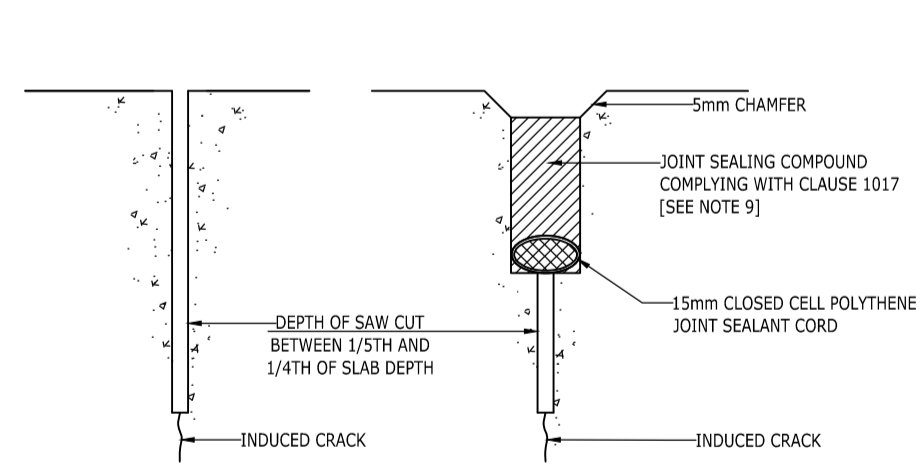
100
0 10
Millimetres



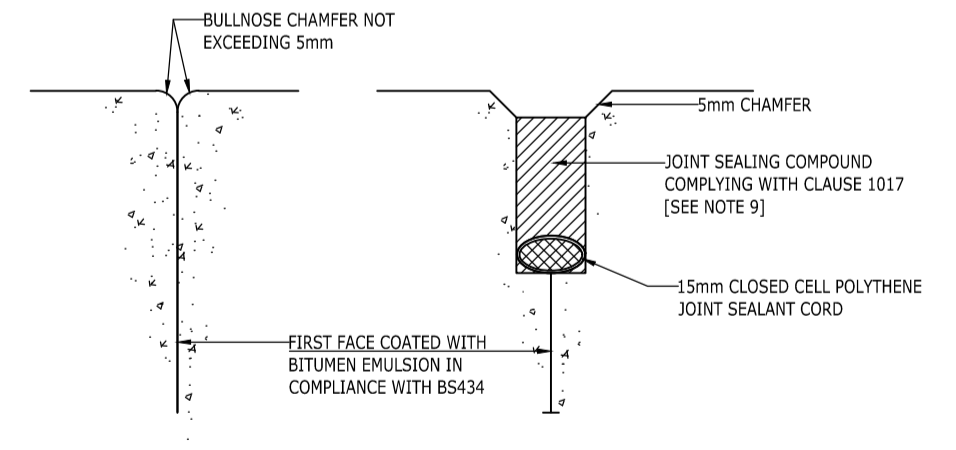
CROSS SECTION A-A: TYPICAL LONGITUDINAL CROSS SECTION IN PC1 AND PC2 CONCRETE PAVEMENT OPTIONS (SEE NOTE 8)



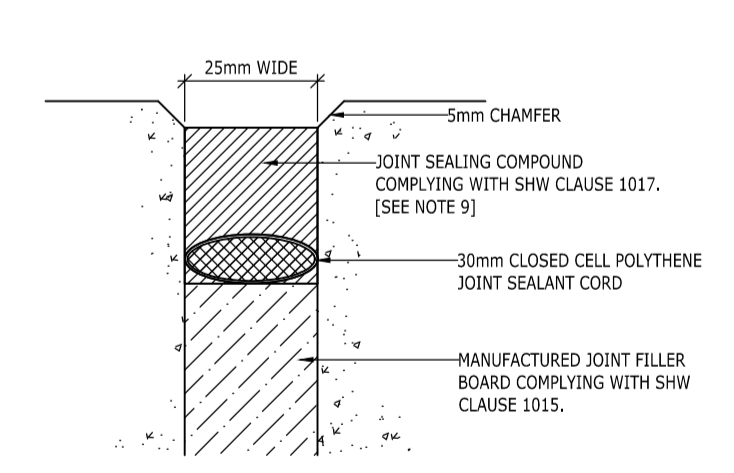
CROSS SECTION B-B: TYPICAL TRANSVERSE CROSS SECTION IN CP1 PAVEMENT OPTION(SEE NOTE 8)



JOINT DETAIL 1: SAWN CRACK INDUCED JOINT (J1)



JOINT DETAIL 2: CONSTRUCTION JOINT (J2)



JOINT DETAIL 3: ISOLATION JOINT (J3)
(SEE NOTE 7)

This map is based on Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Highways England 100018928, 2021.

- NOTES**
- DO NOT SCALE FROM THE DRAWINGS.
 - ALL DIMENSIONS ARE IN MILLIMETERS.
 - FOR GENERAL ARRANGEMENT LAYOUT REFER TO DRAWING NUMBER 383_JSH018_PRAIRIE LOCATION ANDL CDM AREA PLAN (PROVIDED BY THE CONTRACTOR).
 - THE DRAWING SHALL BE READ IN ACCORDANCE WITH THE PAVEMENT DESIGN REPORT, NO. 5203829-ATK-HPV-RP-C-0001 AND MCHW 700 SERIES SPECIFICATION; APPENDIX 7/1, NO. 5203829-ATK-HPV-SP-C-0001 AND APPENDIX 1/5, NO. 5203829-ATK-HPV-SP-C-0002.
 - THE CONTRACTOR SHALL VERIFY THE CBR TO BE EQUAL OR GREATER THAN THE DESIGN CBR. ADDITIONAL PBT TESTING ARE REQUIRED USING A 30 M GRID ACROSS THE PROPOSED SITE TO CONFIRM THE FOUNDATION STIFFNESS AND TO IDENTIFY ANY WEAKNESS IN THE EXISTING FOUNDATION MATERIAL.
 - LOCATION OF STATUTORY UNDERTAKERS APPARATUS SHOULD BE DETERMINED BEFORE UNDERTAKING ANY EXCAVATIONS.
 - AN ISOLATION JOINT IS REQUIRED IN ACCORDANCE WITH DETAIL 3 WHERE THE CONCRETE PAVEMENT ABUTS AGAINST FIXED STRUCTURES, LINEAR DRAINS, KERBS, MANHOLES, IRON WORKS OR ANOTHER PAVED AREAS. ISOLATION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF SHW CLAUSE 1018.
 - FOR THE LOCATION OF SECTION A-A, SECTION B-B, AND JOINT DETAIL (J1) AND (J2), REFER TO THE PAVEMENT LAYOUT DRAWING NO. 5203829-HPV-DR-C-0701.
 - MINIMUM SEAL DEPTH SHALL BE 20MM FOR HOT POURED COMPOUNDS. ALL SEALS TO BE FINISHED 5MM BELOW PAVEMENT LEVEL.
 - A WATERPROOF MEMBRANE TO BE USED AT THE INTERFACE BETWEEN RCC LAYER AND BOUND SUBBASE IN ACCORDANCE WITH SHW CLAUSE 1007.
 - THE ROLLER COMPACTED CONCRETE SHALL BE LAID IN ONE LAYER - 230MM.
 - WHERE REQUIRED, CONSTRUCTION JOINTS SHALL BE AS PER JOINT DETAIL 2 (J2).
 - LONGITUDINAL JOINTS COULD BE CRACKING INDUCED (JOINT DETAIL 1 - J1), WHERE REQUIRED, DEPENDING ON CONSTRUCTION METHOD ON SITE.
 - TRANSVERSE CRACKS SHALL BE FORMED AT 3M SPACING AND SEALED IN ACCORDANCE WITH CLAUSE 818. INDUCED LONGITUDINAL CRACKS SHALL BE AT NO MORE THAN 4M TO CLAUSE 818.2.
 - A SUITABLE CONSTRUCTION FOR THE ACCESS RAMPS SHALL BE ADOPTED SO THAT NO DAMAGE OCCURS TO THE EDGE OF CONCRETE PAVEMENT.

| SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION | |
|--|------------------------------|
| In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log). | |
| Construction | (Enter "None" if applicable) |
| Maintenance / Cleaning | (Enter "None" if applicable) |
| Use | (Enter "None" if applicable) |
| Decommissioning / Demolition | (Enter "None" if applicable) |

| | | | | | | | | | | | | | | |
|-------------|---------------------|----------|-------|---------|----------|------------|-----------------------------------|---------------------------------|------------------------------------|--------------------------|---------------|-------------------------------|--|------------|
| Description | Drawing Suitability | | | | | | FIRST ISSUE | | Status | | S0 | | Project Title | |
| | Status | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date | | | | | SOIL TREATMENT HOSPITAL WORKS | | |
| Description | Description | | | | | | ATKINS | | Epsom Gateway | | Drawing Title | | PAVEMENT CROSS SECTIONS AND TYPICAL DETAILS SHEET 1 OUT OF 1 | |
| | Status | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date | Member of the SNC-Lavalin Group | | Ashley Avenue | | | | |
| Description | Description | | | | | | Copyright © Atkins Limited (2017) | | Epsom Surrey | | Project | | 5203829 - HPV - | |
| | Status | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date | www.atkinsglobal.com | | KT18 5AL | | - DR - C - 00002 | | |
| Description | Description | | | | | | Client | | SOUTH TEES DEVELOPMENT CORPORATION | | Originator | | Volume | |
| | Status | Revision | Drawn | Checked | Reviewed | Authorised | Issue Date | | | Project Ref. No. 5203829 | | Sheet 1 | | Rev. P01.1 |