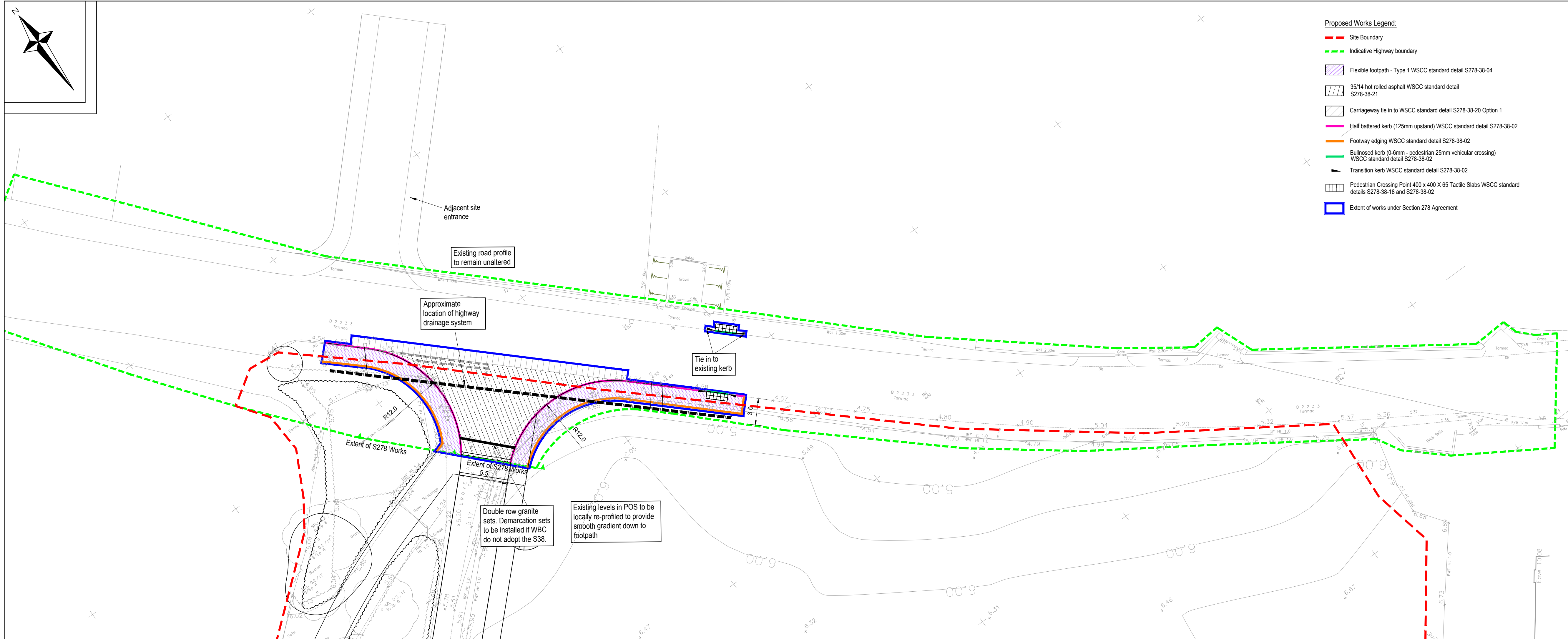
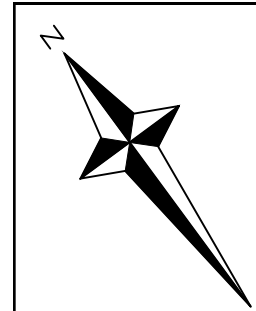
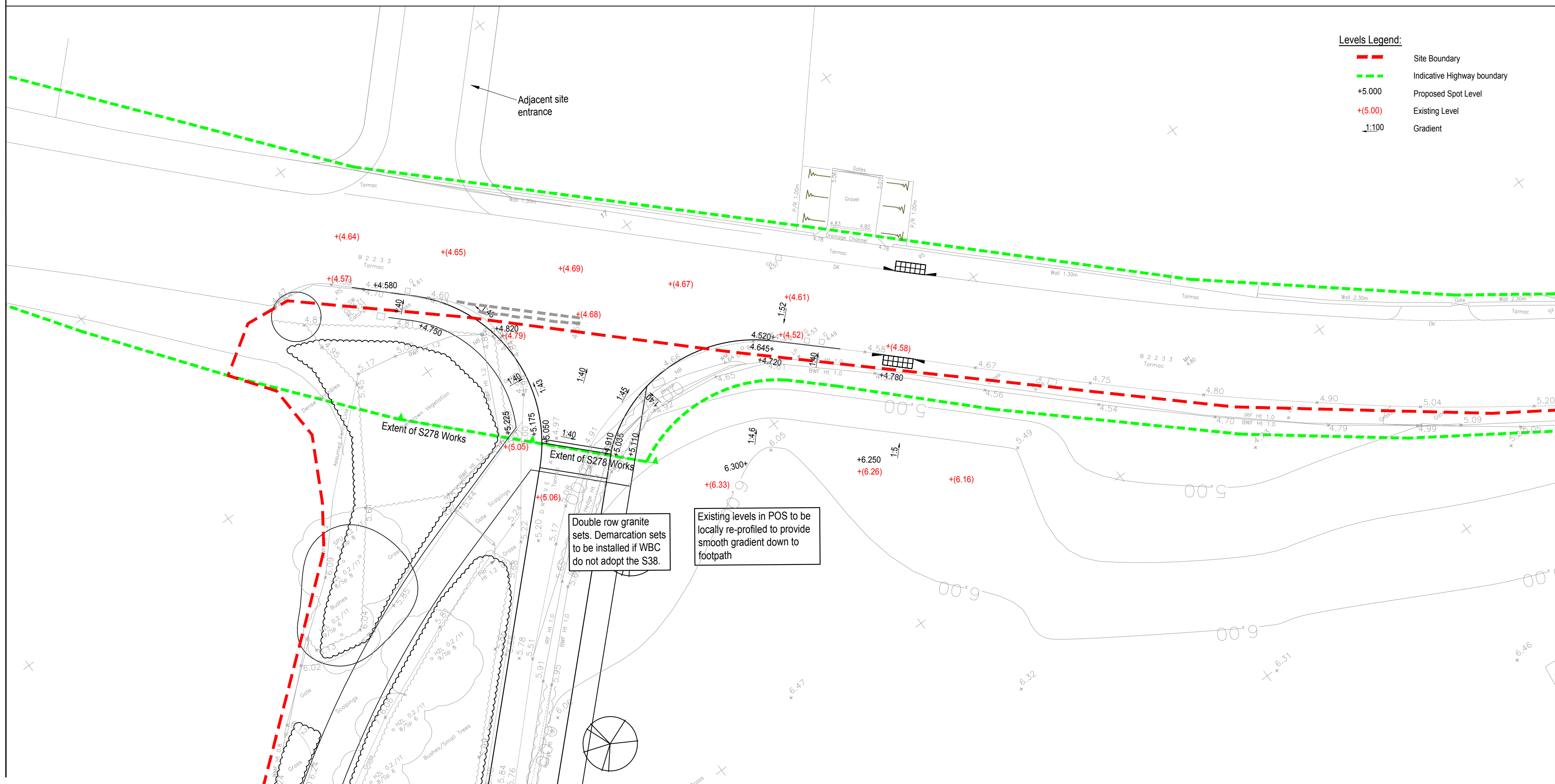




GENERAL ARRANGEMENT PLAN



LEVELS AND DRAINAGE PLAN

Proposed Works Legend:

- Site Boundary
- Indicative Highway boundary
- Flexible footpath - Type 1 WSCC standard detail S278-38-04
- 35/14 hot rolled asphalt WSCC standard detail S278-38-21
- Carriageway tie in to WSCC standard detail S278-38-20 Option 1
- Half battered kerb (125mm upstand) WSCC standard detail S278-38-02
- Footway edging WSCC standard detail S278-38-02
- Bulbosed kerb (0-6mm - pedestrian 25mm vehicular crossing) WSCC standard detail S278-38-02
- Transition kerb WSCC standard detail S278-38-02
- Pedestrian Crossing Point 400 x 400 x 65 Tactile Slabs WSCC standard details S278-38-18 and S278-38-02
- Extent of works under Section 278 Agreement

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

- Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-
- There will be deep excavations for structures and drainage systems. This is a high risk, high severity hazard. The contractor should provide protection and support in accordance with health and safety legislation.
 - Live Services - risks to contractor's personnel - Seek written confirmation from Statutory Authority and/or Building/site owner that all live services - especially electricity services, - have been disconnected or diverted prior to works commencing on site. If any services are to remain live during the construction work, ensure that the locations of these are identified and clearly marked. All operatives are to be made aware of their presence. Employ hand digging near/adjacent to any known live services. Extreme caution to be exercised in the vicinity of the existing overhead power lines.

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes
All dimensions to be checked on site prior to the commencement of construction and any discrepancy should be reported to the Site Manager.

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Sub-Contractors MUST ensure that they have the latest issue drawing before they commence work on site.

This drawing is to be read in conjunction with all relevant Specifications, schedules and Engineers details.

General Notes:

- For Section 278 Enabling Works & White Lining, refer to RSK drawing CIV_1_4001.
- Topographical survey information is taken from Digital Terrain Surveys LLP reference DTS240417-7Q08.
- All construction to be carried out in accordance with West Sussex County Council Section 278/38 Highway Agreement Standard Detail Drawings document:
S278-38-04 Flexible footpath - Type 1
S278-38-21 Flexible Carriageway - Type 1
S278-38-20 Carriageway tie in - Option 1
S278-38-18 Street furniture, Tactile crossings
S278-38-02 Approved kerb type selection Sheet 1

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
F	08.12.2020	Location of highway drainage note added	JC	SM	SM
E	01.12.20	Western footway changed to 2m as requested	JC	SM	SM
D	19.11.2020	Highway surface course changed to HRA as requested	JC	SM	SM
C	05.11.2020	Cycle way added, tactile to east removed and construction details added as requested	JC	SM	SM
B	15.10.2020	Cycle way added, tactile to east removed	HG	SM	SM
A	12.06.2020	Title block update.	MFP	SM	SM
P02	04.05.2020	Updated to Highway comments. Temporary road removed.	JC	IWM	SM
P01	06.04.2020	Issue for comments.	JC	IWM	SM



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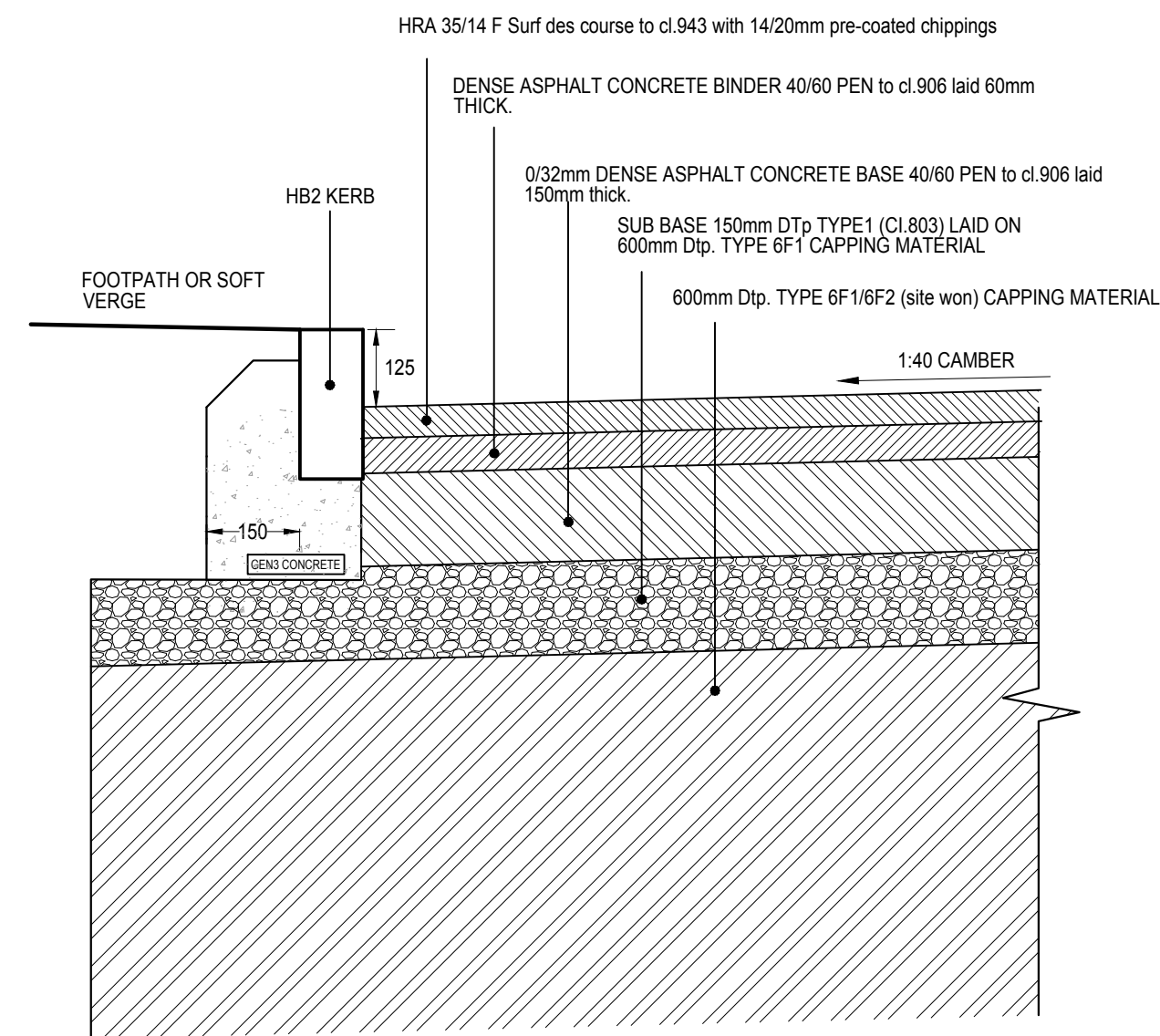
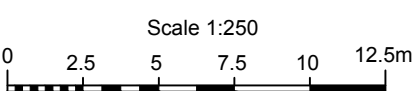


Client
Project Title
DROVE LANE,
YAPTON

Status
PRELIMINARY

Drawing Title
SECTION 278
GENERAL ARRANGEMENT
AND PROPOSED
LEVELS PLAN

Drawn	Date	Checked	Date	Approved	Date
JC	06.04.2020	IWM	06.04.2020	SM	06.04.2020
Scale	1:250	Orig Size	A1	Dimensions	Metres
Project No.	133647	Drawing File	133647-RSK-CIV-1-4000 Section 278 General Arrangement & Levels.dwg		
Drawing No.	CIV_1_4000			Rev.	F



TYPE 1 FLEXIBLE CONSTRUCTION
N/S

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 or 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 Chipping spec:
14/20mm pre-coated chippings (PSV as per table 3.1a of IAN 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 AA: 12.
Minimum Target Binder Content Bact = 1.5%