

	CARRIAGEWAY CONSTRUCTION TO WSCC/S278/38/21 REV F
	FOOTWAY CONSTRUCTION TO WSCC/S278/38/04 REV B
	CARRIAGEWAY RESURFACING TO WSCC/S278/38/20 REV B
	CARRIAGEWAY OPTION 1 TIE-IN TO WSCC/S278/38/20 REV B
	TREES AND VEGETATION TO BE REMOVED
	PRIVATE TACTILE PAVING (REFER TO SPECIFIC LOCATIONS FOR ARRANGEMENT TYPE)
	VISIBILITY SPLAY
	EXISTING HIGHWAY BOUNDARY (BASED ON WSCC MAPPING RECORDS)
	PROPOSED LEVELS (mAOD)
	VERGE BANKING AT 1:3
	PCC SLAB ON EDGE
	LIGHTING COLUMN POSITIONS. SEE SSE STREET LIGHTING DESIGN DRAWING (SSE274844-LD-001-A)
	PROPOSED HIGHWAY GULLIES

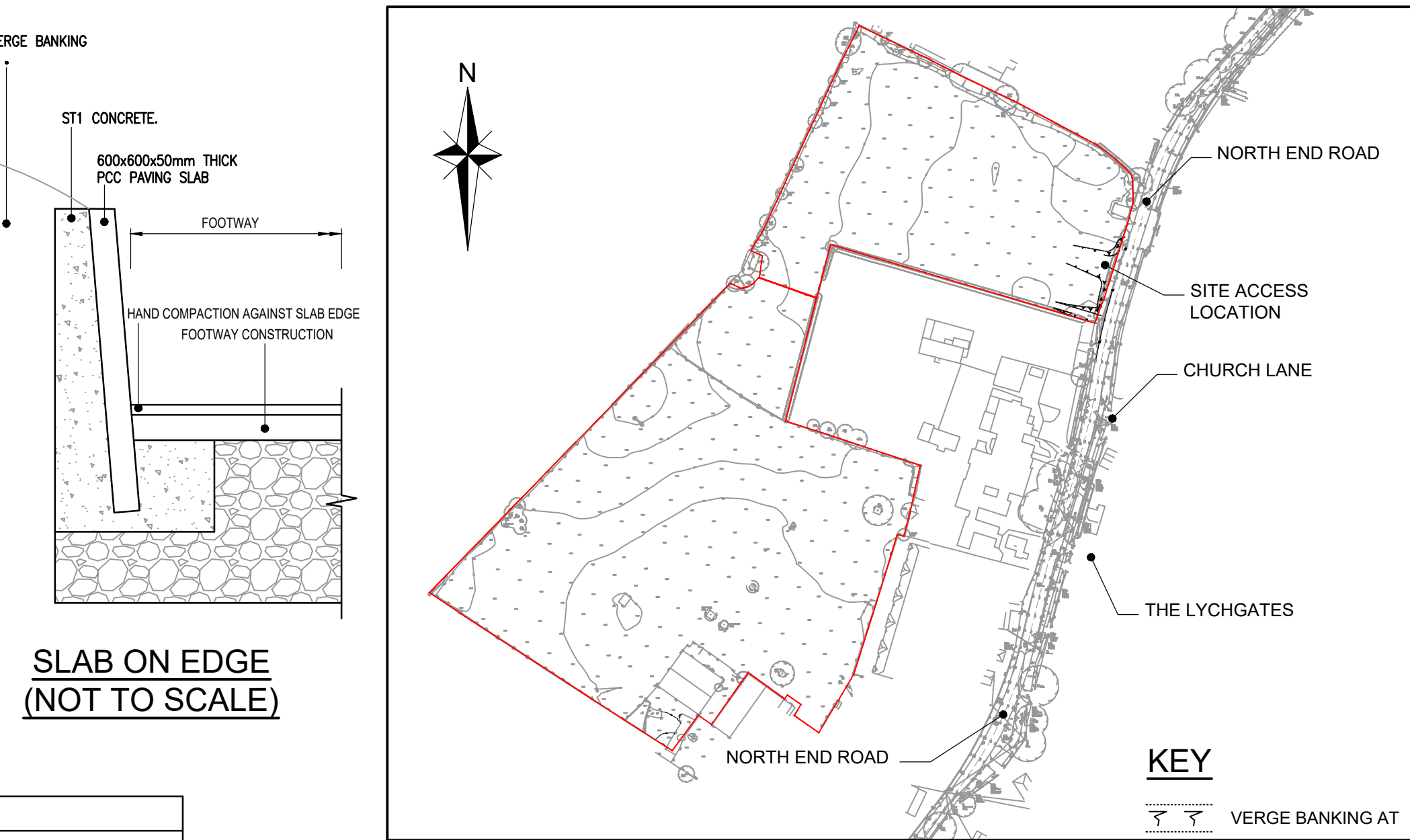
WEST SUSSEX COUNTY COUNCIL SECTION 278/38 HIGHWAY AGREEMENT STANDARD DETAILS - JULY 2016 APPROVED			
DRAWING	TITLE	DETAIL/SPECIFICATION	DETAIL/SPECIFICATION
S278/S38/02B	APPROVED KERB TYPE SELECTION SHEET 1	EF EDGING H&Z KERB EN KERB SP KERB	FLUSH 125mm AS SHOWN 75mm
S278/S38/03A	APPROVED KERB TYPE SELECTION SHEET 2	BOUNDARY DEMARCATION	CS2 CHANNEL KERB 0.6mm UPSTAND
S278/S38/04B	FOOTWAY/CYCLEWAY TYPE 1 & 2	TYPE 1	200mm SUB BASE (TYPE 1) 172PZ 20mm BINDER COURSE (20mm DENSE ASPHALT CONCRETE BINDER 4000 PEN) 20mm SURFACE COURSE (60mm CLOSE GRADED ASPHALT CONCRETE SURFACE COURSE 1000160)
S278/S38/07C	FOOTWAY CROSSOVER TYPE 1 - RESIDENTIAL	TYPE 1	200mm SUB BASE (TYPE 1) 172PZ 20mm BINDER COURSE (20mm DENSE ASPHALT CONCRETE BINDER 4000 PEN) 20mm SURFACE COURSE (60mm CLOSE GRADED ASPHALT CONCRETE SURFACE COURSE 1000160)
S278/S38/20B	CARRIAGEWAY TIE-IN OPTIONS	OPTION 1 OPTION 3	
S278/S38/21F	CARRIAGEWAY FLEXIBLE SPECIFICATION	ASPHALT CONCRETE	600mm CAPPING (CLASS 6F16P2 SITE WON OR 6F48P5 IMPORTED MATERIAL) 150mm SUB BASE (TYPE 1) 1 150mm BASE (20mm DENSE ASPHALT CONCRETE BASE 4000 PEN) 60mm BINDER (20mm DENSE ASPHALT CONCRETE BINDER 4000 PEN) 60mm 35/5.4 HOT ROLLED ASPHALT (PERFORMANCE RELATED DESIGN MIX) TO CL 30.3 IN ACCORDANCE WITH BS EN 12617-4 FOR 15% OF SAND FRA 0.075mm SURF COURSE AGGREGATE PERFORMANCE: 5% FINE AGGREGATE TO BE CRUSHED ROCK OR S&L, EXCLUDING LIGNSTONE MINIMUM PVP = 35 AGGREGATE GRADING (BS EN 12620 + 2.8mm & COLUMN AND FILLER) TEST TEMPERATURE FOR AXIAL TENSILE 2.8mm & COLUMN MINIMUM MINIMUM TRACKING RATE 1.0mm MINIMUM MINIMUM TRACKING RATE 1.0mm SPEL CLASSIFICATION: 1 MINIMUM AIR PERCENT TENDER CONTACT RATE 1.0%
S278/S38/11D	DRAINAGE - GULLY A - PRECAST CONCRETE	GULLY	PRECAST CONCRETE GULLY

NOTE IN THE ABSENCE OF A ROBUST GROUND INVESTIGATION REPORT THAT SHOWS THE WORKS CASE ORSN VALUE DERIVED FROM LABORATORY TESTING, 600mm OF CAPPING SHOULD BE PROVIDED FOR ALL S278 CARRIAGEWAYS WORKS.

ROAD MARKING SCHEDULE				
TSRGD 2016 DIAG NO.	TYPE.	MARK	GAP	WIDTH
1003A (S9, P6, 3)	Give way carriageway marking	600mm	300mm	200mm (300mm gap)
1004 (S11, P4, 2)	Longitudinal carriageway marking	4000mm	2000mm	100mm
1009A (S11, P4, 8)	Edge of carriageway at road junction (exit)	600mm	300mm	100mm
1023A (S9, P6, 4)	Approach to road junction (triangle)	-	-	as shown in TSRGD

Table for guidance only. Refer to TSRGD 2016 for up to date dimensions and marking layouts.

SIGNAGE SCHEDULE							
SIGN REF.	TSRGD 2016 Diagram No.	Sign Size / 'x' Height	Minimum Mounting Height	Posts	Foundations Details	Illumination	Mounting Locations and Orientation
S1	7014 (d)	'x' Height 50mm	2400mm	-	-	Reflectorised Material	To be agreed with WSCC Engineer on-site
S2	7014 (d)	'x' Height 50mm	2400mm	-	-	Reflectorised Material	To be agreed with WSCC Engineer on-site



SLAB ON EDGE
(NOT TO SCALE)

LOCATION PLAN
(SCALE 1:2500)

APPROVED
FOR CONSTRUCTION

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MANUAL FOR CONTRACT DOCUMENTS, VOLUME 1, SPECIFICATIONS FOR HIGHWAY WORKS, WEST SUSSEX COUNTY COUNCIL SPECIFICATION, "SEWERS FOR ADOPTION 6TH EDITION - A DESIGN GUIDE FOR DEVELOPERS AND ALL OTHER RELATED DRAWINGS ISSUED.
- IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION & THE DRAWING, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL WORKS TO BE CONSTRUCTED WITH HIGHWAY LAND AND LAND TO BE DEDICATED TO THE HIGHWAY AUTHORITY.
- VISIBILITY SPLAYS FOR THE PROPOSED SITE ACCESS BASED ON APPROVED PLANNING DRAWING 2014/2270/001 REV 'C' BY RGP.
- TREE PROTECTION AND REMOVAL, TO BE CARRIED OUT IN ACCORDANCE WITH ARBORICULTURE CONSULTANT
- TACTILE PAVING LAYOUTS TO FIGURE 'X' ARE PRESCRIBED LAYOUTS DEFINED IN DETR GUIDANCE ON THE USE OF TACTILE PAVING SURFACES
- TEMPORARY SIGNS S1 TO S2 (DIA 7014) TO BE MOUNTED WHERE REQUIRED AND TO BE REMOVED AFTER 3 MONTHS. LOCATION TO BE DETERMINED ON SITE, REAR OF SELECTED GRANULAR MATERIAL, AS DIRECTED AND TO THE SATISFACTION OF THE HIGHWAYS STATING DATE OF REMOVAL.
- ALL EXISTING LEVELS, GRADIENTS, DEPTHS, ETC., ARE TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION, ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ANY SOFT SPOTS WITHIN THE PROPOSED HIGHWAY SHALL BE DUG OUT AND THE VOID BACKFILLED IN LAYERS UP TO 150MM LEVEL, WITH SELECTED GRANULAR MATERIAL, AS DIRECTED AND TO THE SATISFACTION OF THE HIGHWAYS INSPECTOR.
- ALL FILL MATERIAL, UP TO FOUNDATION LEVEL OF THE PROPOSED HIGHWAYS TO BE APPROVED AND COMPACTED IN LAYERS AS DIRECTED AND TO THE SATISFACTION OF THE HIGHWAYS INSPECTOR
- ANY EXISTING LIVE DRAINS, SEWERS, DUCTS, CABLES, ETC. THAT WILL PASS UNDER THE PROPOSED HIGHWAY SHALL BE SURVEYED, PROBED, TRACED, RODDED, TESTED, CCTV, ETC. TO DETERMINE THEIR STRUCTURAL, CONDITION AND SUITABILITY TO FALL WITHIN THE NEW HIGHWAY. IF DEEMED NECESSARY, SPECIAL PROTECTION AND/OR REPLACEMENT MAY BE REQUIRED AS DIRECTED AND TO THE SATISFACTION OF THE HIGHWAYS INSPECTOR, AREA ENGINEER AND/OR UTILITY COMPANY INVOLVED.
- ANY EXISTING LIVE MANHOLES, CHAMBERS, BOXES, ETC. THAT WILL BE LOCATED WITHIN THE PROPOSED HIGHWAY SHALL BE SURVEYED, PROBED, TRACED, RODDED, TESTED, CCTV, ETC. TO DETERMINE THEIR STRUCTURAL, CONDITION AND SUITABILITY TO FALL WITHIN THE NEW HIGHWAY. IF DEEMED NECESSARY, SPECIAL PROTECTION AND/OR REPLACEMENT MAY BE REQUIRED AS DIRECTED AND TO THE SATISFACTION OF THE HIGHWAYS INSPECTOR, AREA ENGINEER AND/OR UTILITY COMPANY INVOLVED.
- NO CONCRETE TO BE POURED OR LAID IN TEMPERATURES BELOW 2DEG C ON A FALLING MAXIMIM THERMOMETER OR WHERE THE TEMPERATURE REACHES 2DEG C ON A RISING MAXIMIM THERMOMETER (TO BE PROVIDED BY THE CONTRACTOR AND DISPLAYED IN A POSITION AGREED BY THE HIGHWAYS INSPECTOR).
- ALL ROAD MARKINGS TO BE THERMOPLASTIC.
- CONTRACTOR TO COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL, 2009.
- CDM REGULATIONS 2015
- IN COMPLIANCE WITH CDM 2015 ODYSSEY HAS FOLLOWED ITS DESIGN RISK MANAGEMENT PROCESS FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY DESIGNS SHOWN ON THIS DRAWING.
- THERE ARE NO ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOCIATED WITH THE DESIGN. ANY RESIDUAL RISKS ARE THOSE THAT WOULD NORMALLY BE EXPECTED BY COMPETENT PERSONS OR CONTRACTORS WITH NECESSARY SKILLS KNOWLEDGE AND EXPERIENCE TO BE ENGAGED ON WORK OF THIS NATURE OR TYPE.
- ACCESS ROAD TO HAVE GRADIENT OF 1:20 FOR THE First 25m FROM JUNCTION CHAMBER, TO BRING SITE UP TO LEVELS.

ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOCIATED WITH THE DESIGN OUTCOMES SHOWN ON THIS DRAWING MAYBE INDICATED BY ANY OF THE FOLLOWING SYMBOLS.

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.
- INDICATES A RESIDUAL RISK FOR INFORMATION.
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.
- INDICATES A RESIDUAL RISK AS A WARNING.

J	APPROVED FOR CONSTRUCTION	LJH	CJL	JHM	20.03.20
H	RESPONSE TO WSCC COMMENTS - SURFACE COURSE SPEC IN DETAILS TABLE	CJL	SW	JHM	18.03.20
I	RESPONSE TO WSCC COMMENTS #2	CJL	SW	JHM	18.03.20
F	RESPONSE TO WSCC DESIGN CHECK #1	CJL	SW	JHM	28.02.20
E	ISSUED FOR WSCC S278 REVIEW	CJL	SW	JHM	04.02.20
D	H/WAY BOUNDARY UPDATED R/W REVISED	CJL	SW	JHM	22.01.20
C	LEVELS INFO MOVED TO NEW DRAWING	CJL	SW	JHM	18.12.19
B	INDICATIVE STREET LIGHTING ADDED	CJL	SW	JHM	05.12.19
A	CLIENT COMMENTS - BOUNDARIES UPDATED	CJL	SW	JHM	15.11.19
Rev	Amendments	Dm	Chk	App	Date



Job Title

LAND AT STAKERS FARM,
YAPTON

Drawing Title

S278 GENERAL ARRANGEMENT
AND CONSTRUCTION MAKEUP

Client			
DANDARA LIMITED (SOUTHERN)			
Scale	Date	Designed	
1:250 @A1	OCT 19	CJL	
Drawn	Checked	Approved	
CJL	SW	JHM	
Job No	Drawing No		Rev
19-156	YAP-S278-01		J