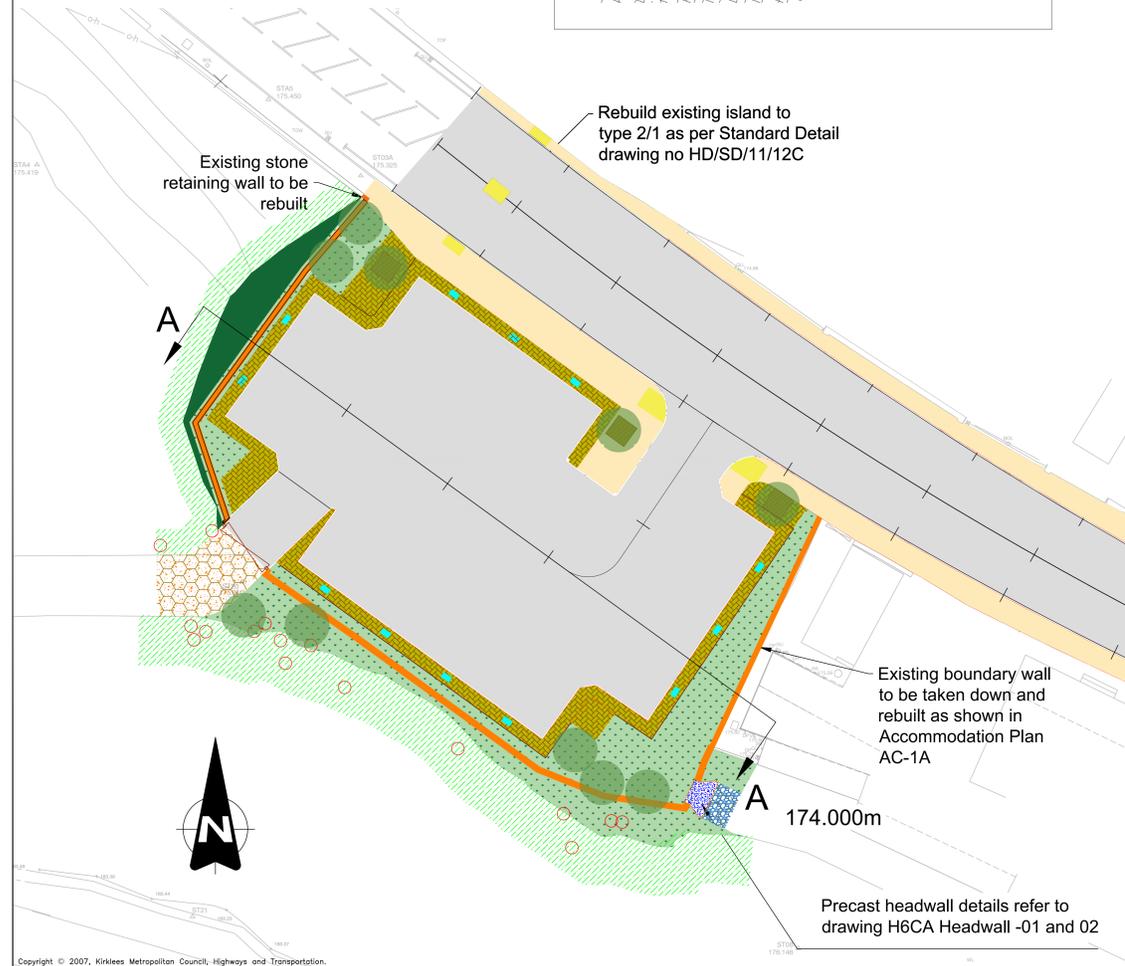
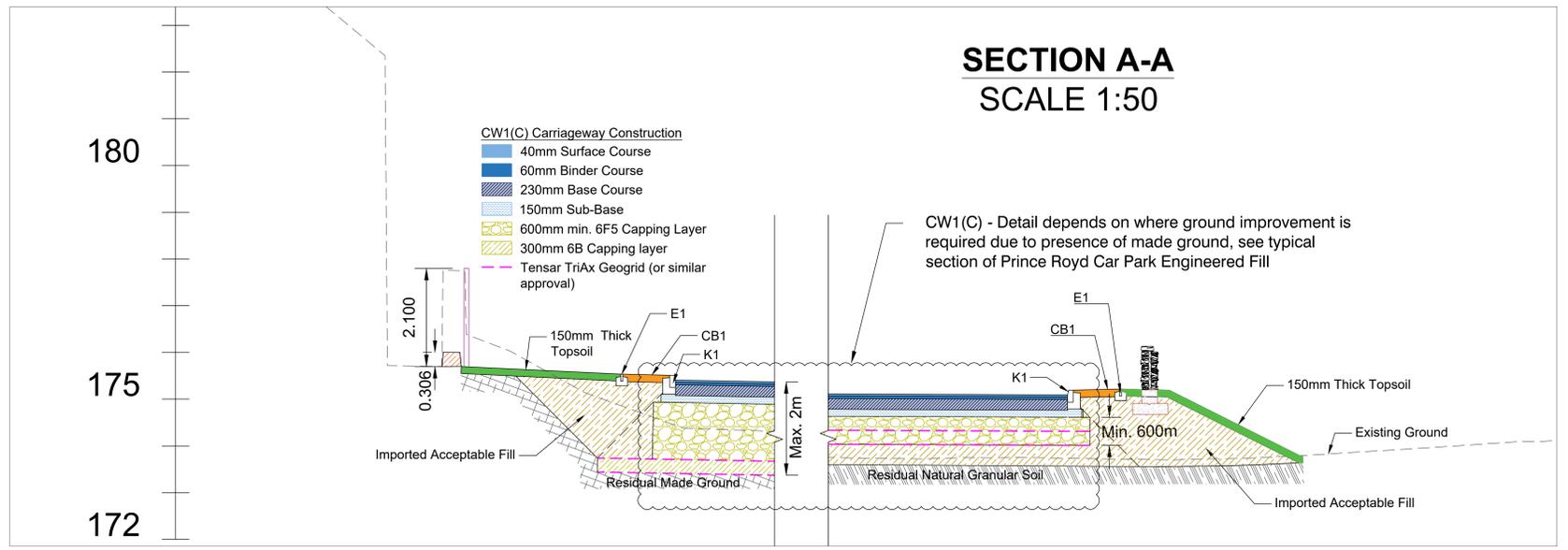
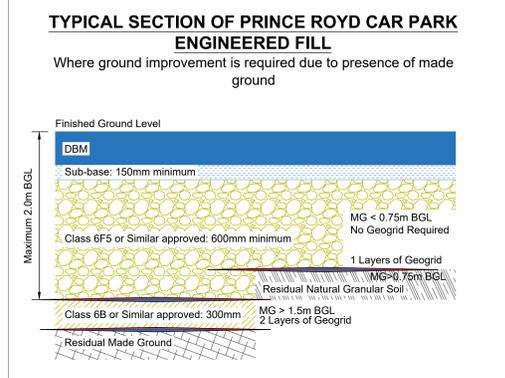


TYPE LAYER	CARRIAGEWAY CONSTRUCTION TYPE			
	CW1 (760mm Thick)	CW1(C) (2000mm maximum Thick)	CW2	CW3 (Narrow Carriageway)
SURFACE COURSE	SHW Clause: 942 Material: Thin Surfacing (PSV min 60+) Grade of Binder: 0/10mm aggregate Thickness: 40mm NAPAS Certified Material Hot Applied Site Category K Stress Level 4, AAV <16 Deformation Resistance Level 3 Road Type Noise Level 2 Not greater than LA ₉₀ , Not more than F ₁₀	SHW Clause: 942 Material: Thin Surfacing (PSV min 60+) Grade of Binder: 0/10mm aggregate Thickness: 40mm NAPAS Certified Material Hot Applied Site Category K Stress Level 4, AAV <16 Deformation Resistance Level 3 Road Type Noise Level 2 Not greater than LA ₉₀ , Not more than F ₁₀	SHW Clause: 942 Material: Thin Surfacing (PSV min 60+) Grade of Binder: 0/10mm aggregate Thickness: 40mm NAPAS Certified Material Hot Applied Site Category K Stress Level 4, AAV <16 Deformation Resistance Level 3 Road Type Noise Level 2 Not greater than LA ₉₀ , Not more than F ₁₀	SHW Clause: 942 Material: Thin Surfacing (PSV min 60+) Grade of Binder: 0/10mm aggregate Thickness: 40mm NAPAS Certified Material Hot Applied Site Category K Stress Level 4, AAV <16 Deformation Resistance Level 3 Road Type Noise Level 2 Not greater than LA ₉₀ , Not more than F ₁₀
BINDER COURSE	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 60mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 60mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 60mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 60mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1
BASE COURSE	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 220mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 220mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1	SHW Clause: 929 Material: AC20 HDM Base/bin 40/60 Grade of Binder: Paving grade bitumen 40/60 pen Thickness: 220mm Resistance to permanent deformation: PD6691 Table D2 Classification No 1	SHW Clause: 1000 Material: AC20 HDM Base/bin 40/60 Thickness: 400mm
SUB BASE	SHW Clause: 803 Material: Type 1 Thickness: 200mm Crushed gravel not permitted	SHW Clause: 803 Material: Type 1 Thickness: 200mm Crushed gravel not permitted		
CAPPING LAYER	SHW Clause: 803 Material: GF2, Thickness: 210mm Sub formation: Minimum of CBR 5%	SHW Clause: 803 Material: GF2, Thickness: 1220mm (600mm min) Sub formation: Minimum of CBR 5% Geogrid: Min. of two layers Tensar TriAx (or similar approved) to be incorporated within the base of the construction with 300mm vertical separation.		

TYPE LAYER	PRECAST CONCRETE PAVING FLAGS AND BLOCK		
	CF1 (200mm Thick)	CF4	IC1
SURFACE COURSE	Thickness: 60mm Precast concrete block paving 200mm X 100mm X 60mm Marshall's Keyblock or e-EC equivalent Colour: Buff Laying Pattern: Single stretcher course Jointing: Sand	Thickness: 70mm Paving flag type E70 450 X 450 X 70mm precast concrete 'Tactile' textured surface finish Colour: Buff Laying Pattern: Square Unbonded between adjacent rows with sanded joints	Thickness: 150mm Air entrained in situ concrete mix C40/50 Non-slip surface finish Colour: Natural/Grey Construction joint at 5m spacings
LAYING COURSE	Thickness: 25mm Sand to CI 1104 8 category 11	Thickness: 25mm Sand to BS 7533 Part 4	
SUB BASE	Thickness: 100mm Type 1 granular sub-base to CI 803	Thickness: 100mm Type 1 granular sub-base to CI 803	

- KEY**
- TYPE FS1 (150mm THICK)
 - TYPE FS1 (PARTIAL), 60mm THICK WITH REGULATING SURFACE COURSE. COLD MILLING (PLANNING) PAVEMENT - 0-60mm THICK ON FOOTWAY
 - TYPE FS3, SANDSTONE AGGREGATE
 - TYPE FS4, FOOTWAY WIDENING
 - AREA TO BE TOPSOIL, 200mm THICK AND GRASS SEEDED WITH REGULATING MATERIAL (TOPSOIL/ACCEPTABLE MATERIAL). REFER TO LANDSCAPE DRAWING NO. TF5/AREA C/P/7L/SC-1B
 - TYPE CW1 (760mm THICK), 60 PSV
 - TYPE CW2 (100mm), 68 PSV
 - TYPE CW1(C) (2000mm MAX THICK), 60 PSV
 - TYPE CF4, TACTILE PAVING (BUFF) - CONTROLLED CROSSING
 - TYPE CB1 (205mm), PAVING BLOCKS (BUFF)
 - TYPE IC1 (150mm THICK), AIR ENTRAINED INSITU CONCRETE MIX C40
 - RED LINE BOUNDARY (PLANNING) / SITE EXTENTS

TYPE LAYER	FOOTWAY CONSTRUCTION TYPE			
	FS1 (150mm Thick)	FS1 (PARTIAL)	FS3	FS4 (FOOTWAY WIDENING)
SURFACE COURSE	Thickness: 25mm 0/6mm size aggregate dense macadam	Thickness: 25mm 0/6mm size aggregate dense macadam	Thickness: 50mm 40mm down local sandstone size aggregate, compacted	Thickness: 25mm 0/6mm size aggregate dense macadam
BINDER COURSE	Thickness: 40mm 0/20mm size aggregate dense macadam	Thickness: 40mm 0/20mm size aggregate dense macadam	NIL	Thickness: 40mm 0/20mm size aggregate dense macadam
SUB BASE	Thickness: 100mm Type 1 granular sub-base to CI 803	Regulating 0/20mm size aggregate dense macadam (as required)	Thickness: 100mm Type 1 granular sub-base to CI 803 on geotextile	Regulating with binder course material



- NOTE**
- ALL DIMENSIONS TO BE CHECKED/VERIFIED ON SITE IF REQUIRED WITH SUPERVISOR.
 - ALL DIMENSIONS IN MILLIMETRES AND LEVELS IN METRES UNLESS NOTED OTHERWISE.
 - ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE SUPERVISOR IMMEDIATELY.
 - CONTRACTOR TO CHECK EXISTING AND PROPOSED LEVELS AT THE TIE IN POINTS BEFORE COMMENCEMENT OF WORKS.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OTHER CONTRACT DRAWINGS AND DOCUMENTS.
 - FULL THICKNESS OF MADE GROUND (MAXIMUM 2m) IS REQUIRED TO BE EXCAVATED ACROSS THE CAR PARK SITE AND REPLACED WITH ENGINEERED FILL WHERE THIS IS IMPRACTICAL DUE TO EXCESSIVE THICKNESS. A MINIMUM OF TWO LAYERS OF HIGH STRENGTH GEOGRID (TENSAR TRIAX OR SIMILAR APPROVED) TO BE INCORPORATED WITHIN THE BASE OF THE CONSTRUCTION WITH 300mm VERTICAL SEPARATION.
- GENERAL SURFACING NOTE**
- AT THE END OF ANY WORKING DAY, AREAS OF CARRIAGEWAY SHALL BE PLANNED, RECONSTRUCTED TO BINDER OR SURFACE COURSE LEVEL ACROSS THE FULL WIDTH OF THE CARRIAGEWAY AND OPENED TO VEHICULAR TRAFFIC.
 - LONGITUDINAL LEVEL DIFFERENCES/RAMPING WILL NOT BE PERMITTED WHERE THE CARRIAGEWAY IS TO BE OPENED TO VEHICULAR TRAFFIC. TRANSVERSE RAMPS SHALL BE SUITABLY SIGNED AND HIGHLIGHTED BY SPRAY PAINT.
 - NO ROAD MARKING SIGNS SHALL BE ERECTED UPON THE COMMENCEMENT OF CARRIAGEWAY PLANNING OPERATIONS.
 - DETAILS OF CONTRACTOR'S INTENDED METHOD OF TRAFFIC MANAGEMENT TO BE APPROVED BEFORE THE WORKS COMMENCE.
 - UNLESS AGREED OTHERWISE ON SITE, ALL CARRIAGEWAY IRONWORK TO BE REPLACED/RE-SET AS ADVISED BY SUPERVISOR.
 - RE-SETTING OF IRONWORK TO BE IN ACCORDANCE WITH CL 571AR
 - ALL PLANNINGS TO REMAIN CONTRACTORS PROPERTY.
 - ALL COVER AND FRAME ON GULLY WITH SITE BOUNDARY TO RAISE/LOWER AS REQUIRED.
 - ALL COVER AND FRAME ON SERVICE MANHOLE/CHAMBER TO BE RAISE/LOWER AS REQUIRED.

TENDER ISSUE

REF.	DATE	REVISIONS
A	28/03/24	Drawing Updated to Tender Issue
Streetscene and Housing Service Highways and Operation Division Flint Street, Farnworth Huddersfield HD1 6LG		
SECTION HIGHWAY DESIGN		
DRAWN	AKKV	CHECKED HM
SCALE	PROJECT NO.	DATE
1:200 @ A0	TF5	20/05/2021
PROJECT A629 HALIFAX ROAD (PHASE 5)		
TITLE PRINCE ROYD CAR PARK GENERAL CONSTRUCTION PLAN		
DRAWING No: TF5/AREA C/P/GC-1		
CAD No:		