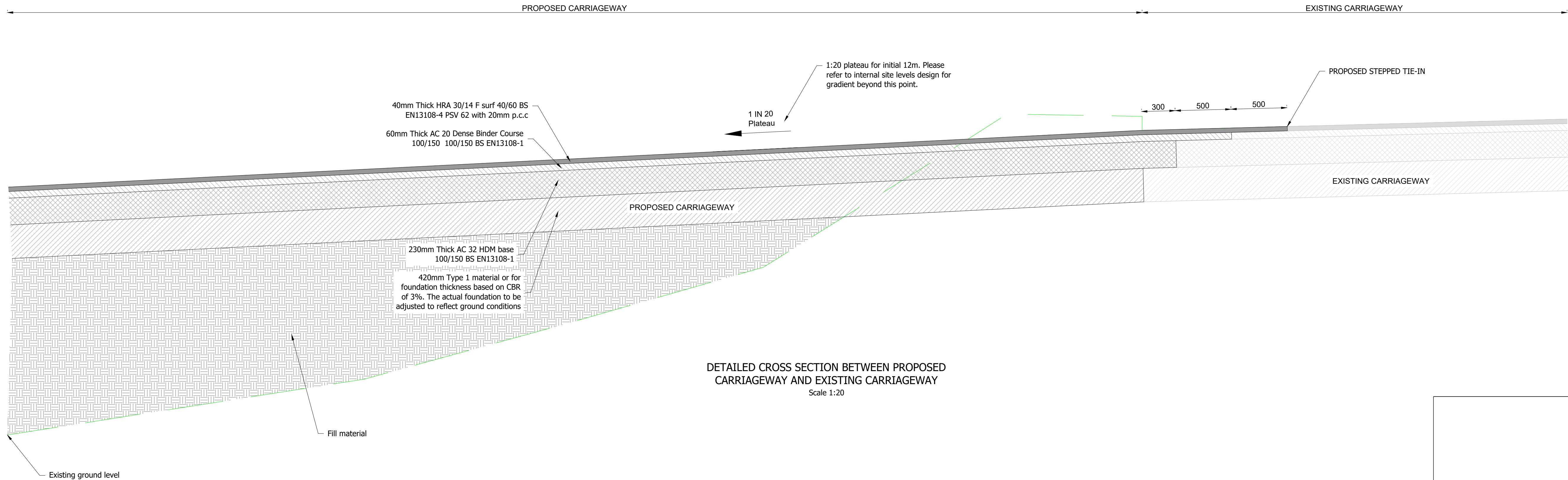




DETAILED CROSS SECTION BETWEEN PROPOSED CARRIAGEWAY AND EXISTING CARRIAGEWAY
Scale 1:20

NOTES:

- THIS DRAWING SHOULD BE READ IN RELATION TO THE SUBJECT OF THE TITLE ONLY. OTHER INFORMATION SHOWN ON THE DRAWING IS TO BE CONSIDERED INDICATIVE ONLY. REFERENCE SHOULD BE MADE TO APPROPRIATE DRAWING SERIES/SPECIFICATIONS FOR OTHER INFORMATION.
- ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
- PRESENCE OF STATUTORY UNDERTAKERS EQUIPMENT IN THE HIGHWAY SHOULD BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO STARTING ANY WORKS. THE LOCATION OF STATUTORY PLANT SHOWN ON ANY PLANS IS INDICATIVE ONLY AND SHOULD NOT BE RELIED UPON FOR THE LOCATION OF ANY PIPEWORK OR CABLING. THE CONTRACTOR SHOULD CONFIRM THE LOCATION OF ALL STATS PLANT BY HAND DUG TRAIL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALLOWANCE FOR THE PRESENCE OF ALL STATS APPROPRIATE PROTECTION/DIVERSION MEASURES (INCORPORATING SPLIT DUCT AND 150MM CONCRETE SURROUND OR SIMILAR STATUTORY APPROVED METHOD) IS TO BE PUT IN PLACE BY THE CONTRACTOR (UNLESS STATED OTHERWISE) WHERE STATS EQUIPMENT ARE FOUND TO BE WITHIN THE AREA OF HIGHWAY WORKS.
- BITUMINOUS MATERIALS SHALL CONFORM TO BS EN 13108 AND SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH BRITISH STANDARDS. THE RESULTS ARE TO BE MADE AVAILABLE FOR INSPECTION BY THE ENGINEER. LIMESTONE AGGREGATE IS NOT TO BE USED IN THE CARRIAGEWAY OR FOOTWAY SURFACE COURSES.
- ALL NEW PAVEMENT/FOOTWAY CONSTRUCTION SHALL BE LAID ENSURING GOOD POSITIVE DRAINAGE IS ACHIEVABLE.
- A SOIL SURVEY SHALL BE UNDERTAKEN AT AN EARLY STAGE AND MUST INCLUDE TESTS TO ESTABLISH THE CALIFORINIAN BEARING RATIO (CBR) VALUE AND FROST SUSCEPTIBILITY OF EACH SUB-SOIL ENCOUNTERED.
- CARRIAGEWAY FOUNDATION THICKNESS WILL BE FINALLY DETERMINED FROM CBR MEASUREMENTS TAKEN ON SITE DURING CONSTRUCTION, AT AND BELOW PROPOSED FORMATION OR AS INSTRUCTED BY THE ENGINEER. CBR MEASUREMENTS TO BE TAKEN ON VIRGIN GROUND.
- ANY SOFT SPOTS SHALL BE DUG OUT AND THE VOID BACKFILLED IN LAYERS UP TO FORMATION LEVEL WITH SELECTED GRANULAR MATERIAL AS DIRECTED AND TO SATISFACTION OF THE ENGINEER.
- IMMEDIATELY PRIOR TO THE LAYING OF TYPE 1 SUB-BASE THE FORMATION SHALL BE TREATED WITH AN APPLICATION OF A SUITABLE WEED KILLER.
- FOR GENERAL C.D.M. REGULATIONS 2015 NOTES REFER TO GENERAL ARRANGEMENT PLAN

TABLE 1 - PAVEMENT FOUNDATION			
CBR (%)	SUB-BASE ONLY (mm)	SUB-BASE ON CAPPING (mm)	
15 or more	200	150	150
14	210	160	160
13	220	160	160
12	230	170	170
11	240	170	170
10	250	180	180
9	260	190	180
8	270	200	190
7	280	210	200
6	310	230	210
5	330	240	210
4	370	270	230
3	420	320	240
2 or less	REFER TO NOTE A	REFER TO NOTE A	

- A. For CBR values of 2% or less the construction shall be :-
150mm Type 1 Limestone Sub-base
600mm Capping (6F2)
Geotextile Tensar TriAx TX (or similar approved)
To be agreed with Bury Council before any work commences
- B. Sub-base to be to Cl.803 of the Specification for Highway Works (SHW) Type 1 Limestone. Sub-base shall never be less than 150mm thick.
- C. Top 300mm of any capping layer shall be clean imported stone, 100mm aggregate size. 6F2 material to Cl.613 may be used on any additional material, subject to engineer approval.
- D. No material within 450mm of finished surface levels shall be frost-susceptible.

FOR APPROVAL

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Client
Westchurch Homes Ltd

Project Name
Radcliffe Moor Road, Bury

Sheet Title
Typical Cross Section

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @ A1	Suitability
784-B026883	OS	Oct '23	LB	Oct '23	LB	Oct '23	As Shown	S3
Client Project Number	Originator	Volume/System	Level/Location	Type/Code	Role	Number	Revision	
B026883	- TTE	- 00	- XX	- DR	- H	- SD01	P01	
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0 200 400 600 800 1000mm
SCALE 1:20