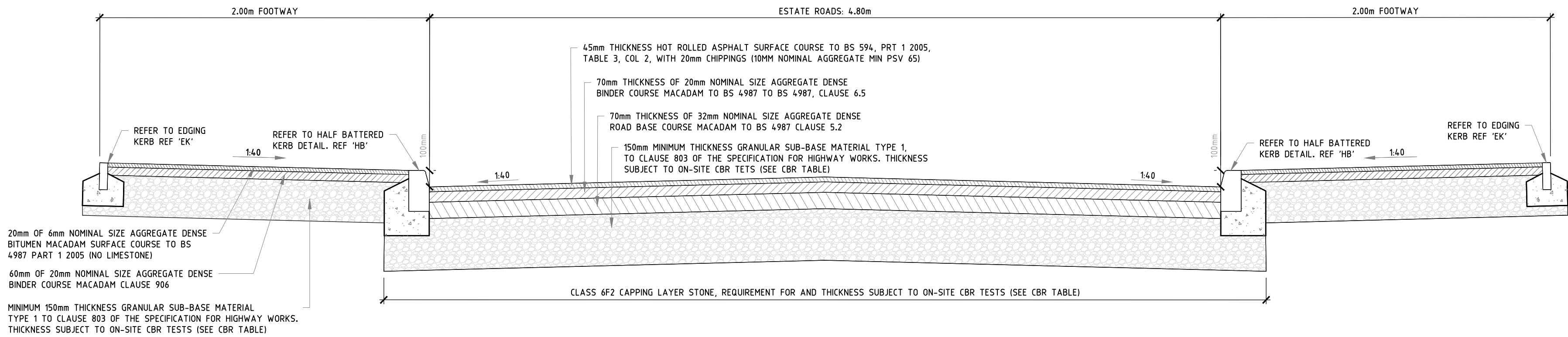


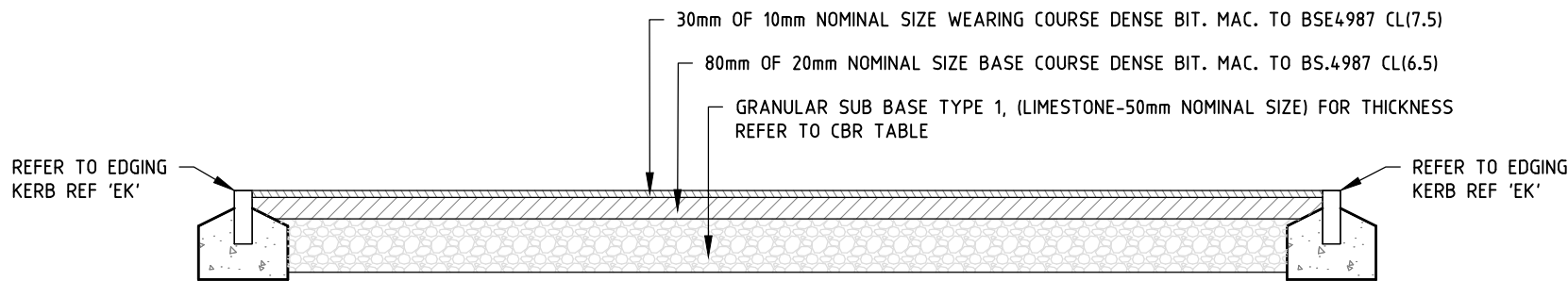
FILENAME: J:\200903 - MITTON ROAD WHALLEY DRAWINGS\EDGE\CVL1-DWG\200903-EDGE-XX-XX-DR-C-3201-CONSTRUCTION DETAILS.DWG PLOT DATE: 2/26/2021 10:18 PM



TYPICAL ESTATE ROAD
CONSTRUCTION DETAIL

SUB-BASE & CAPPING	
SUB-GRADE I: COMPACT, NON PLASTIC, GRANULAR SOIL, E.G. GRAVEL, SANDS AND WEATHERED ROCK WITH A CBR OF GREATER THAN 8%	300MM OF TYPE 1 SUB-BASE
SUB-GRADE II: FIRM COHESIVE SOILS E.G. FIRM SANDY OR SILTY CLAYS WITH A CBR BETWEEN 2% AND 8%	150MM OF TYPE 1 SUB-BASE OVER 400MM OF 6F2 CAPPING
SUB-GRADE III: POORLY DRAINED FINE GRANULAR OR SOFT COHESIVE SOILS, E.G. HEAVY PLASTIC CLAYS, WET SILTY FINE SANDS WITH A CBR LESS THAN 2%	150MM TYPE 1 SUB-BASE OVER 600MM OF 6F2 CAPPING
NOTES: WHEN THE SUB-GRADE IS PARTICULARLY WEAK THE ENGINEER MAY REQUIRE EITHER THE SUB-BASE THICKNESS TO BE INCREASED OR, IF THE FORMATION IS IN A POORLY DRAINED FINE GRANULAR SOIL (E.G. SILT OR SILTY FINE SAND), A FABRIC FILTER SHEET TO BE LAID ON THE FORMATION PRIOR TO PLACING THE INITIAL LAYER OF CAPPING MATERIAL.	

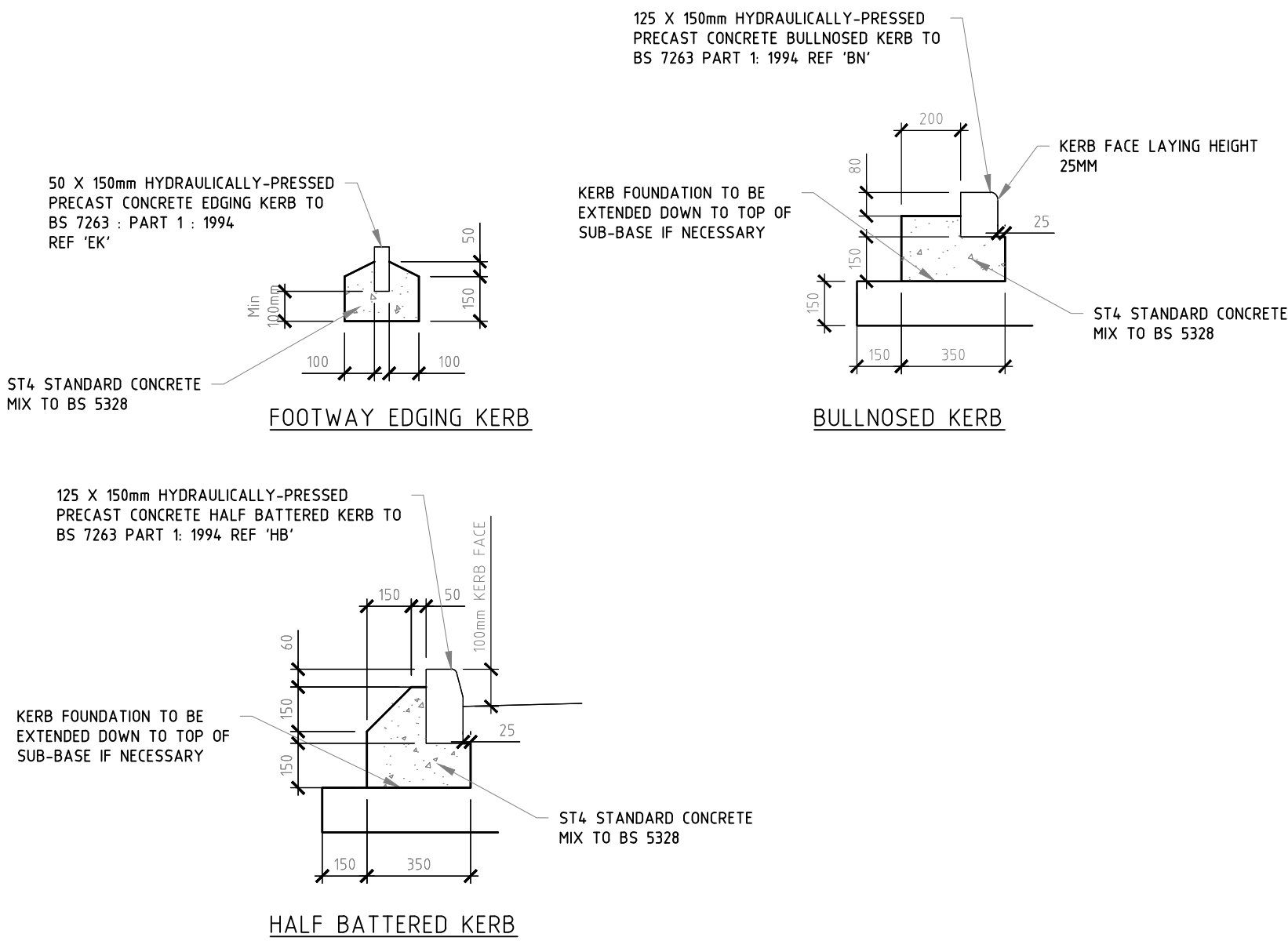
SUB-BASE AND CAPPING
TABLE



TYPICAL PRIVATE SHARED DRIVE
CONSTRUCTION DETAIL

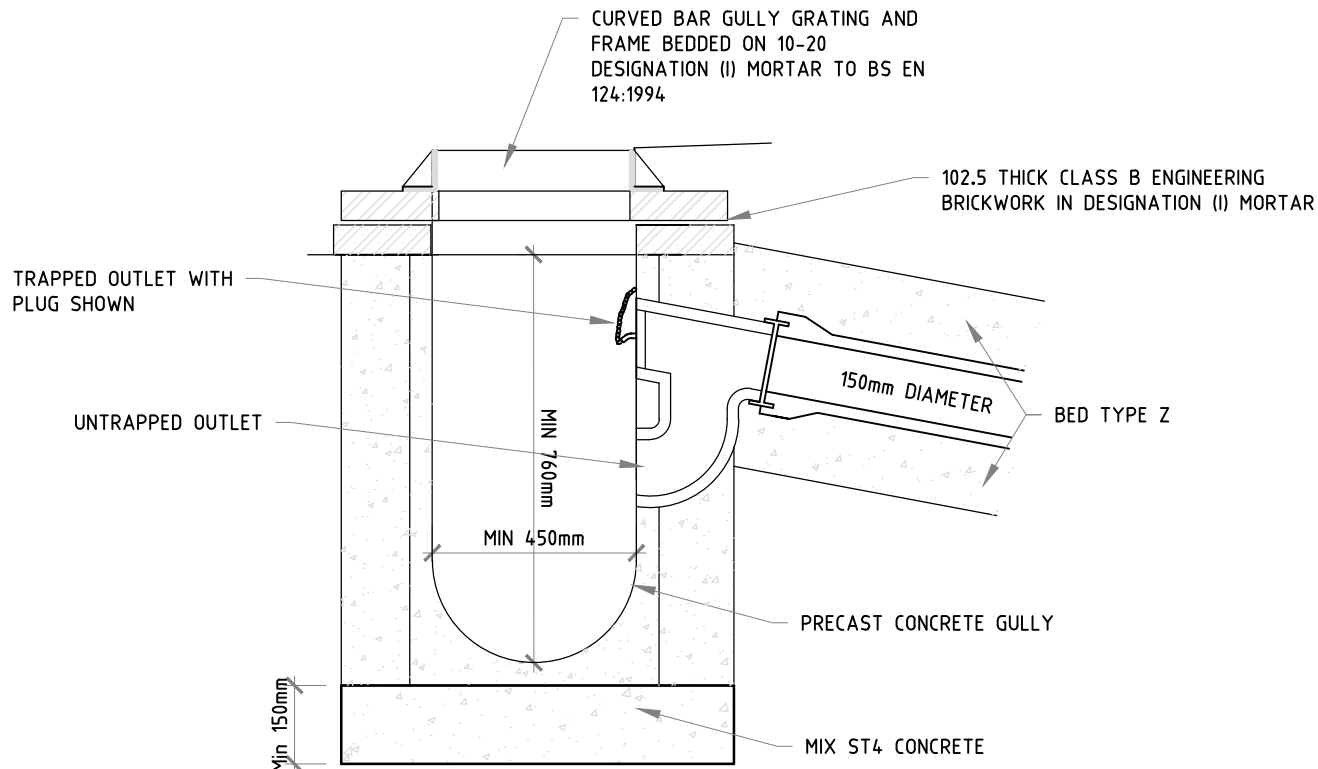
PRIVATE SHARED DRIVE NOTE:

- REFER TO CONSTRUCTION MANAGEMENT PLAN FOR DRIVES REQUIRING AN INCREASED 100MM BASE COURSE.



KERB NOTES:

- KERBS TO BE MANUFACTURED TO STANDARDS OF BS 7263 (PART 1)
- KERBS TO BE LAID ON 10MM 1:3 CEMENT / SAND MORTAR ON PREPARED FOUNDATION. ALTERNATIVELY, LAY KERBS ON WELL COMPACTED BED OF SEMI-DRY CONCRETE, MAX 35MM SLUMP, ALL IN ACCORDANCE WITH BS 7263 (PART 2)
- CONCRETE TO BE ST4



ROAD GULLY

NOTES:

- GULLY COVER SLAB TO BE OF CONCRETE CLASS C25/20
- GULLY GRATING AND FRAMES SHALL BE TO EUROPEAN STANDARD EN 124 : PART 2 OR CLAYWARE TO BS 65 WITH CONCRETE FOUNDATIONS
- GULLY POTS ARE TO BE OF PRECAST CONCRETE BS 5911 PART 2 OR CLAYWARE TO BS 65 WITH CONCRETE FOUNDATION MIX ST4 (C20) AND BACKFILLED WITH GENERAL FILL CLASS 1 (TABLE 6/1) COMPACTED IN ACCORDANCE WITH CLAUSE 612 WHERE MECHANICAL COMPACTION IS IMPRACTICAL, THE BACKFILLING SHALL BE IN MIX ST2 CONCRETE. IN-SITU CONCRETE GULLIES SHALL BE CONSTRUCTED FROM 150 MIN THICKNESS, MIX ST4 CONCRETE USING PERMANENT SHUTTERING HAVING CURRENT BBA CERTIFICATE (TWIN WALLED OR RIBBED PLASTIC BS EN ISO 9002:1994)
- GULLY CONNECTIONS SHALL BE 150 FLEXIBLE JOINTED PIPES WITH WATERTIGHT JOINTS
- ALL GULLY CONNECTIONS UNDER ROADS, IN VERGES WITHIN 2.5M OF THE ROADS, SHALL HAVE A TYPE Z CONCRETE BEDDING DETAIL

NOTES:

- ALL HIGHWAY WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH LANCASHIRE COUNTY COUNCIL SPECIFICATION, STANDARD DETAILS AND THE DEPARTMENT OF TRANSPORTS SPECIFICATION FOR HIGHWAY WORKS (SHW) PUBLISHED BY HMSO.
- THE CONTRACTOR SHALL ASCERTAIN THE CBR OF THE SUB GRADE ON SITE IN ORDER TO DETERMINE THE REQUIRED SUB-BASE AND CAPPING LAYER THICKNESS.
- PRIOR TO LAYING ANY MATERIAL THE SUB GRADE MUST BE INSPECTED AND ANY SOFT SPOTS REMOVED AND FILLED WITH TYPE 2 MATERIAL TO SHW CLAUSE 804.
- USE OF THIS DRAWING DOES NOT ABSOLVE THE CLIENT FROM HIS RESPONSIBILITIES UNDER HEALTH AND SAFETY: THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS.
- CLASS 2 SULPHATE RESISTANT CEMENT TO BE USED THROUGHOUT.
- ALL TRENCH BACKFILL UNDER PROPOSED HIGHWAY AREAS TO BE TYPE 1 STONE COMPACTED IN 150MM LAYERS.
- MAIN CONTRACTOR TO UNDERTAKE CBR TEST

P02	24.02.21	Private drive detail added		D.A.	R.A.
P01	28.01.21	PRELIMINARY - Issued for Information		D.A.	R.A.
Rev	Date	Description		By	CHK
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Project Name MITTON ROAD WHALLEY					
Client PROSPECT HOMES					
Designed	Drawn	Checked	Scale @ A1		
R.A.	J.C.	R.A.	1:20		
Drawing Title CONSTRUCTION DETAILS					
Project No. 200903					
Drawing No. 200903-EDGE-XX-XX-DR-C-3201					
Revision P02					