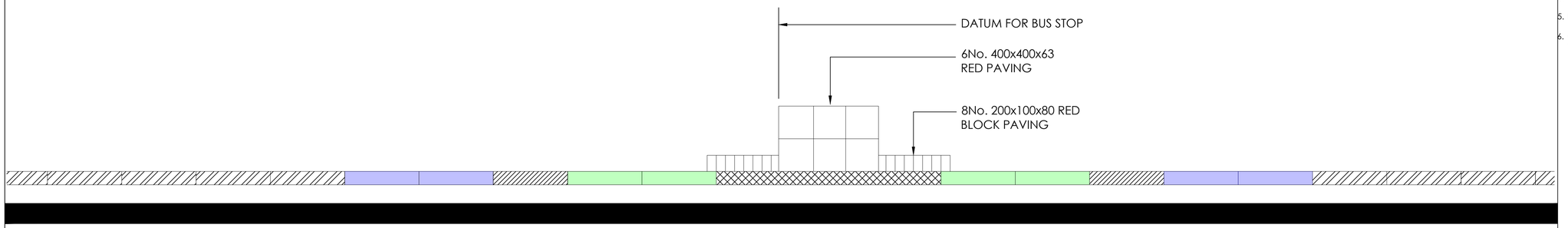

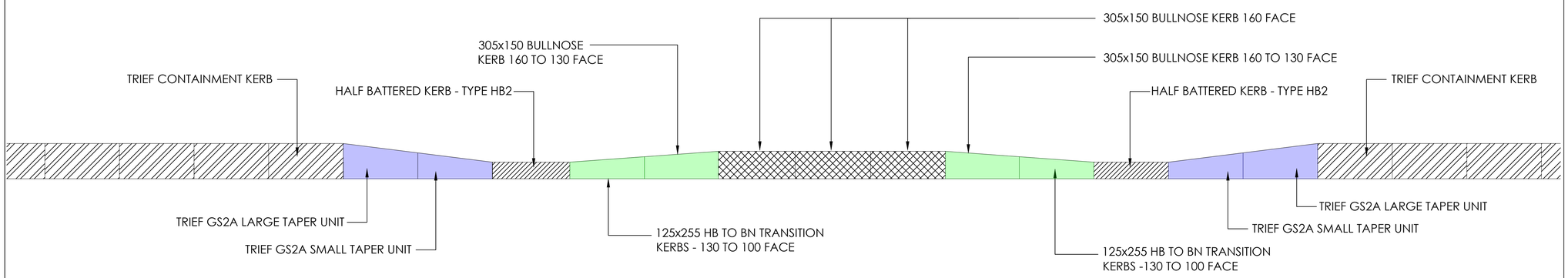

KERB PROFILE

NOTES

1. WHERE KERBS ARE TO BE LAID IN EXISTING CARRIAGEWAY A CHASE SHALL BE CUT LARGE ENOUGH TO GIVE FULL BEAD AND BACKING AS SHOWN AND INCLUDED FOR IN THE RELEVANT BILL ITEM FOR KERBING. THE CARRIAGEWAY SHALL BE SAW-CUT ADJACENT TO THE KERB TO GIVE A NEAT LINE.
2. THE JOINT BETWEEN THE NEW KERB AND THE CARRIAGEWAY IS TO BE SEALED WITH HOT POURED BITUMEN.
3. RAISED KERBS TO BE AS SHOWN UNLESS STATED OTHERWISE ON AN INDIVIDUAL STOP DRAWING.
4. WHERE EXISTING KERBS ARE BULLNOSED THE TRANSITION KERBS INDICATED ARE TO SUBSTITUTED WITH 125x255 BULLNOSE KERBS.
5. THE CONTRACTOR SHALL AVOID THE MANUAL HANDLING OF PRE-CAST KERBS ETC BY USING PURPOSE-MADE MECHANICAL LIFTING EQUIPMENT FOR HANDLING, LIFTING & LAYING OF KERBS, FLAGS AND CHANNELS.

ADDITIONAL NOTES FOR KERB DETAILS

1. KERBS ARE TO BE PRECAST TO BS 7263: 1994.
2. TRANSITION KERBS ARE TO BE USED AT ALL CHANGES OF KERB TYPE.
3. CONCRETE BED AND HAUNCHING TO BE IN ACCORDANCE WITH SPECIFICATION CLAUSE 2602 (MIX ST4)
4. CONCRETE BED IS TO REST ON OR WITHIN SUB-BASE LAYER OR ON ADDITIONAL CONCRETE, MEASURED SEPARATELY TO ALLOW IT TO REST ON SUB-BASE. SUB-BASE IS TO PROTRUDE 500mm FROM FACE OF KERB, BEHIND KERB AND IS TO HAVE A MINIMUM THICKNESS OF 100mm WHERE SUB-BASE IS TO BE DRAINED OR AN APPROVED METHOD OF DRAINAGE PROVIDED. (WITHOUT AN AGREEMENT, ALL EXISTING KERB RACE TO BE EXCAVATED)
5. KERBS SHALL BE LAID ON CLASS 1 MORTAR LAID ON BED IN ACCORDANCE WITH CLAUSE 2402 AND HAVING A MINIMUM THICKNESS OF 10mm AND A MAXIMUM THICKNESS OF 40mm. ALL KERBS TO BE LAID ON MORTAR BED AS PER DRAWN KERB DETAILS.
6. DOWEL BARES ARE SPECIFIED WHEN SMALL ELEMENT EDGING IS USED, THEY ARE TO BE BEDDED AT 500mm CENTERS.
7. IF HALF BATTERED KERBS ARE USED IN CONJUNCTION WITH 'SAFETICURB' TYPE HB2 HALF BATTERED KERBS, KERB FACE IS TO BE REDUCED TO 100mm TO SUIT.

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
2. ALL HIGHWAY WORKS SHALL BE IN ACCORDANCE WITH THE LOCAL COUNCIL'S REQUIREMENTS
3. ALL SERVICES STRIPS SHALL BE MAINTAINED FREE OF ALL PLANTING.
4. PATHS CROSSING SERVICE STRIPS SHALL BE CONSTRUCTED AS THE FOOTWAY DETAIL.
5. FINAL DETAIL OF TIE-IN TO EXISTING ROAD SHALL BE AGREED ON SITE
6. CAPPING LAYER THICKNESS TO THE LOWEST CBR AS PER SPECIFICATION FOR HIGHWAY WORKS

CBR Value	Min 450mm Frost Susceptibility (see clause 4.68)					
	Access Road 250mm (Bituminus layer thickness)		Access Way (200mm Bituminus layer thickness)		Industrial Road (300mm Bituminus layer thickness)	
	Capping	Sub Base	Capping	Sub Base	Capping	Sub Base
Less than 2%	550	200	500	250	600	150
2%	400	200	350	250	450	150
3%	300	200	250	250	350	150
4%	250	200	200	250	300	150
5% to 15%	200	200	200	250	250	150
More than 15%		200		250		150

	THICKNESS OF LAYER (mm)		
CONSTRUCTION LAYER	CATEGORY 1	CATEGORY 2	CATEGORY 3
SURFACE COURSE	45 (HRASC)	40	40
BINDER COURSE	70	70	70
BASE (ROADBASE)	70	100	130
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 OF TYPE 1 SUB-BASE OVER 600mm OF 6F2 CAPPING		
NOTE: 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.			

ALL WORKS TO BE IN ACCORDANCE WITH LANCASHIRE COUNTY COUNCIL STANDARD DETAILS AND AS AGREED WITH THE APPOINTED REPRESENTATIVE

ALL DRAINAGE IS TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH UNITED UTILITIES PLC 'A DEVELOPERS GUIDE TO WASTEWATER ADOPTIONS' AND 'SEWERS FOR ADOPTION 6TH EDITION' - (MARCH 2006)

ALL ADOPTABLE MAIN DRAINAGE IS TO BE SUBJECT TO A SECTION 104 AGREEMENT BETWEEN THE DEVELOPER AND UNITED UTILITIES

SUBJECT TO S278 AGREEMENT

REV	DATE	DESCRIPTION	BY	CHK	APP
P01	16-07-2026	DRAWING CONTENTS UPDATED	RG	MG	MG
P01	11-02-2026	PRELIMINARY ISSUE	RG	MG	MG

DRAWING STATUS: **PRELIMINARY**

CLIENT: OAKMERE HOMES LTD

ARCHITECT: -

PROJECT: NEW HOUSING DEVELOPMENT
ACCRINGTON ROAD
WHALLEY

TITLE: S278 HIGHWAYS DETAILS
SHEET 3

STATUS:	PROJECT No.	ORIGINATOR	PHASE	LEVEL	TYPE	ROLE	DRAWING No.	REV:
S2	21315	GAD	ZZ	00	DR	C	1633	P02

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
NTS	RB	RG	MG	MG	MARCH 25

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