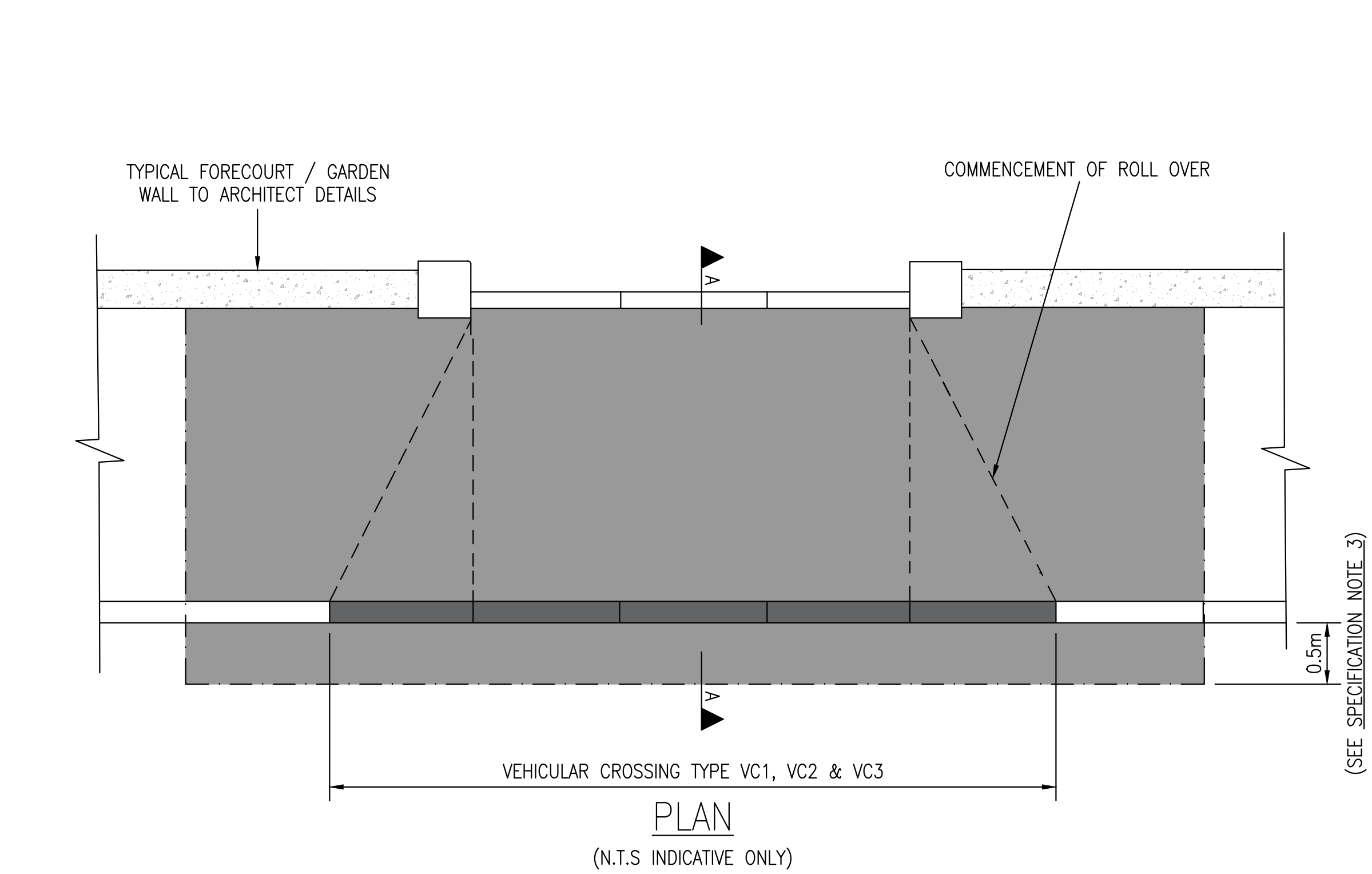
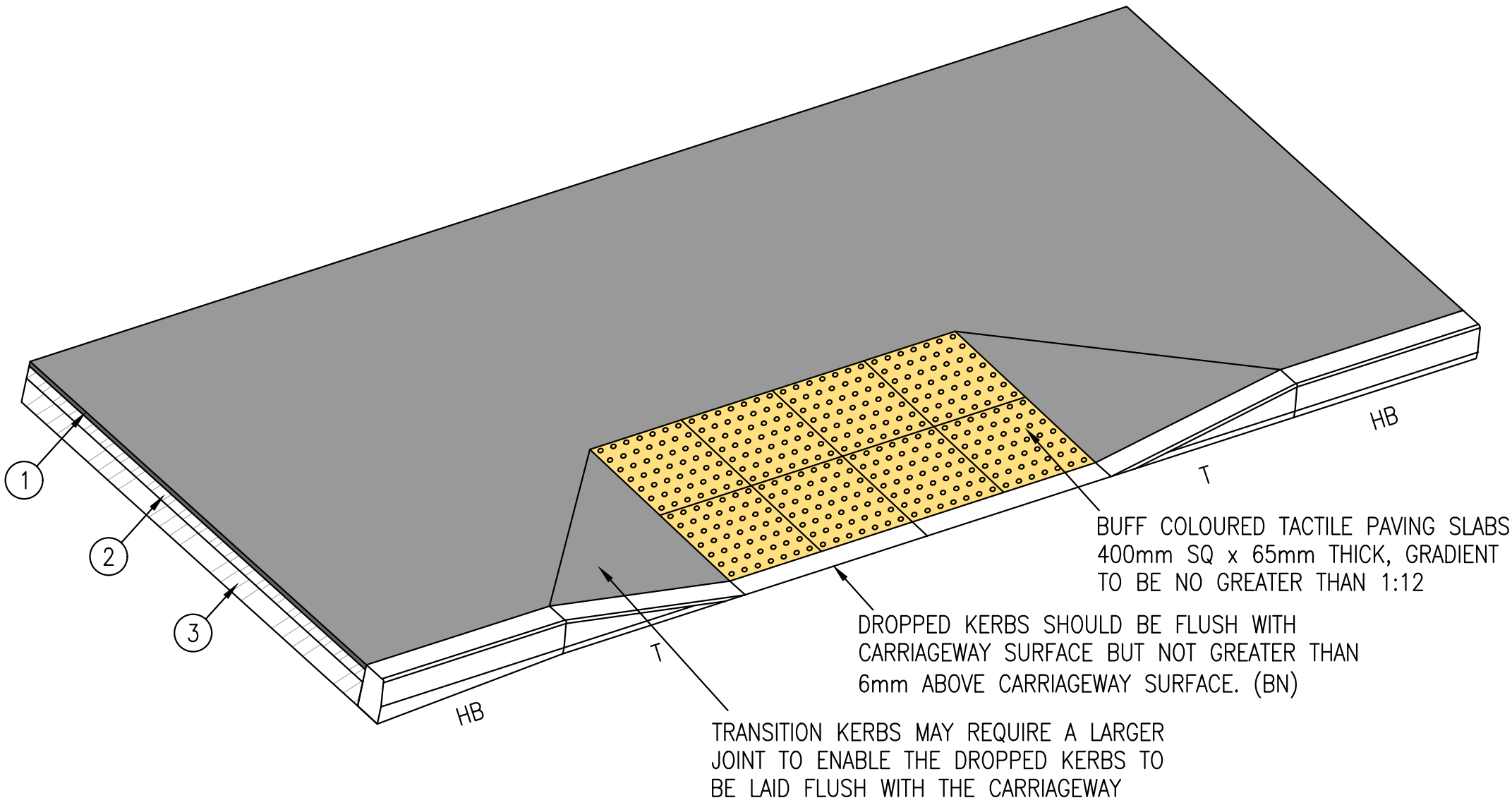
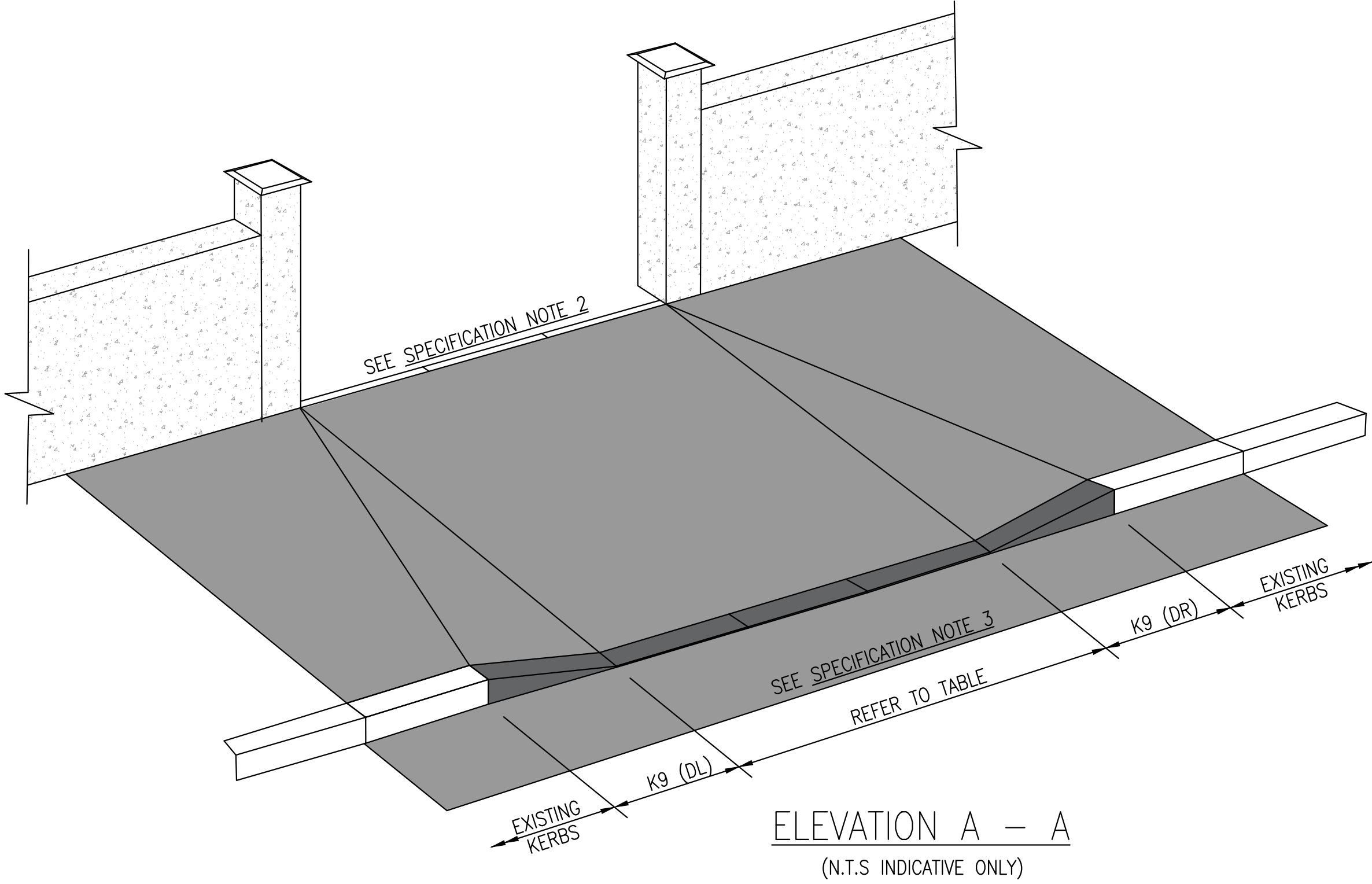




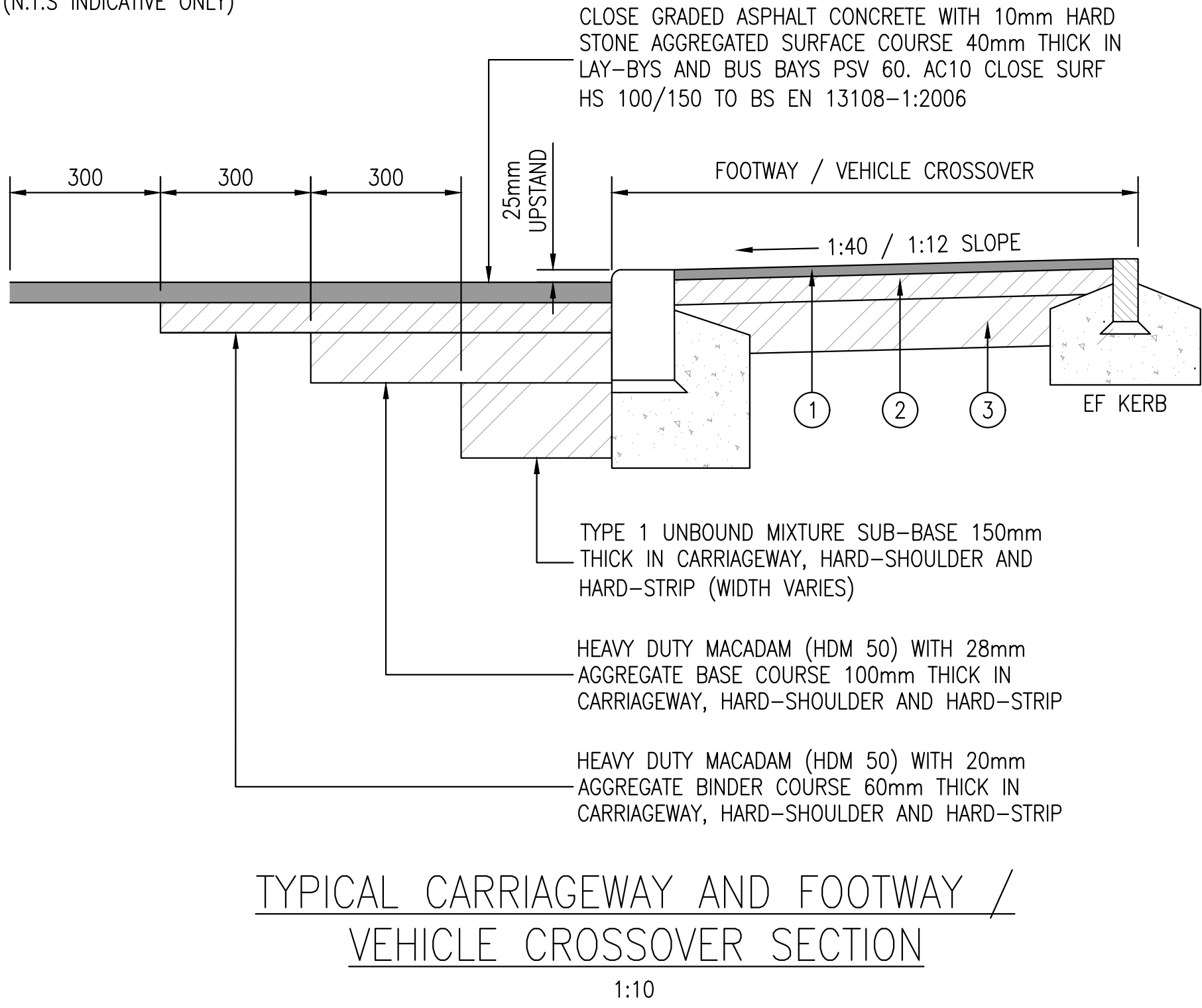
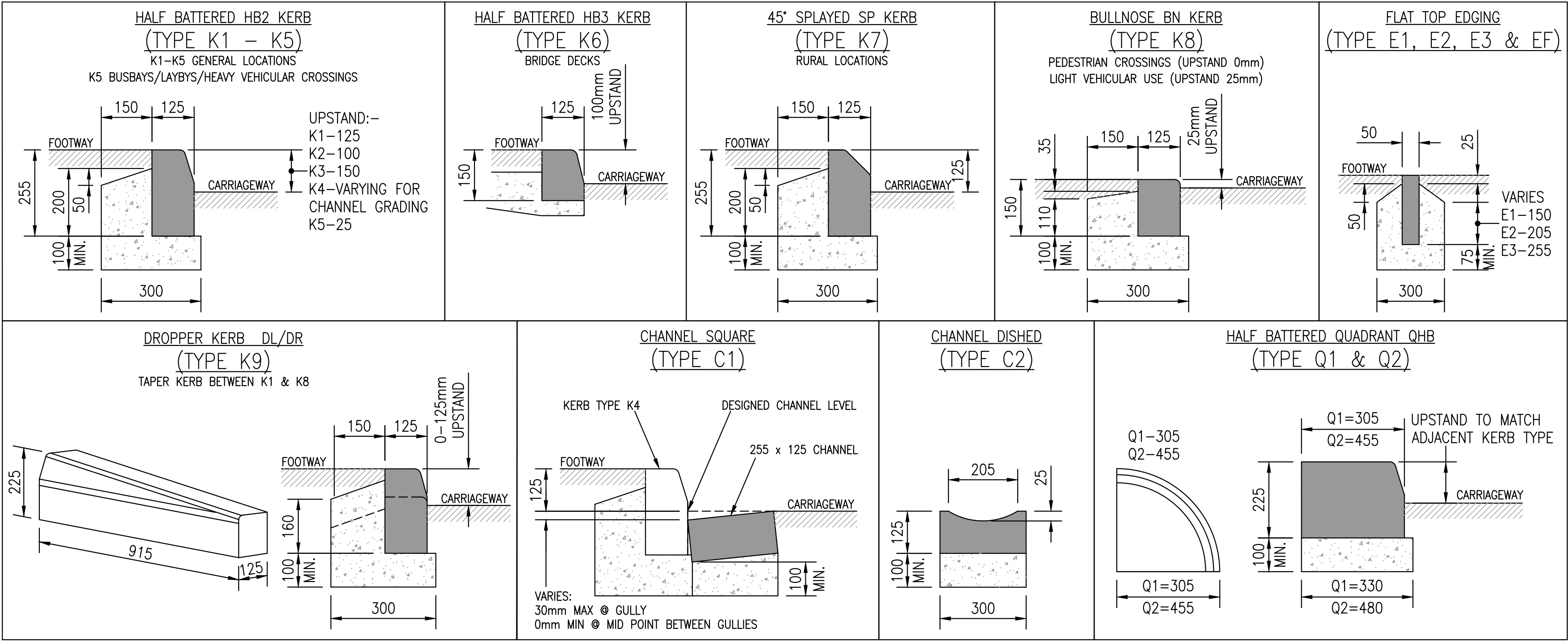
- SPECIFICATION NOTES:**
1. WIDTH OF CROSSING TO BE AT LEAST THE ENTRANCE WIDTH AND IN ORDER TO AVOID CUTTING KERBS, UP TO A MAXIMUM OF TWO KERBS WIDER, EVENLY DISTRIBUTED.
 2. E1 TYPE KERBS TO BE USED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 3. CARRIAGEWAY RE-INSTATEMENT WHEN REQUIRED BY THE SITE ENGINEER.

TYPE	CONSTRUCTION	USE	DROP KERB
VC1	FLEXIBLE	LIGHT VEHICULAR (RESIDENTIAL)	K8 (BN) 25mm UPSTAND

FOOTWAY CONSTRUCTION / VEHICLE CROSSOVER SPECIFICATION						
KEY	DESCRIPTION	CLAUSE	MATERIAL	GRADE OF BINDER	THICKNESS (mm)	SPECIAL REQUIREMENTS
①	SURFACE COURSE	912	6mm DENSE ASPHALT CONCRETE SURFACE COURSE	100/150 PEN	20	BS EN 13108-1 : 2006. AC 6 DENSE SURF 100/150 6mm NOMINAL AGGREGATE. AGGREGATES GRAVEL TO EXCLUDE MINIMUM PSV - 50
②	BINDER COURSE	906	DENSE BINDER COURSE ASPHALT CONCRETE	100/150 PEN	50	BS EN13108-1 : 2006. AC 20 DENSE BIN 100/150 20mm NOMINAL AGGREGATE.
③	SUB-BASE	803	GRANULAR SUB-BASE MATERIAL	N/A	100	NOTE: AT VEHICLE CROSSINGS, DEPTH TO BE INCREASED TO 300mm



- KERB NOTES:**
1. ALL PRECAST CONCRETE KERBS, CHANNELS, EDINGS AND QUADRANTS SHALL BE OF GRANITE AGGREGATE HYDRAULICALLY PRESSED AND INSTALLED IN ACCORDANCE WITH B.S.EN1340.
 2. ALL INSITU CONCRETE FOR FOUNDATION AND HAUNCH SHALL BE MIX ST1 WITH MEDIUM WORKABILITY TO MCHW VOL CLAUSE 2602.
 3. THE FOUNDATION SHALL BE INCREASED IN THICKNESS AS NECESSARY TO REST ON THE SUB-BASE. WHERE THE FOUNDATION PROJECTS INTO THE SUBBASE AND THIS IS REQUIRED TO BE DRAINED A MINIMUM SUB-BASE THICKNESS OF 100mm SHALL BE PROVIDED UNDER THE FOUNDATION OR AN APPROVED ALTERNATIVE METHOD OF DRAINAGE PROVIDED.
 4. DEPTHS OF FOUNDATIONS UP TO 150mm WILL NOT BE CONSIDERED AS ADDITIONAL CONCRETE TO KERBS.
 5. WHERE GRANITE KERBING IS SPECIFIED THE DIMENSIONS OF THE CONCRETE BASE AND BACKING USED FOR PRECAST KERBING SHALL BE ADOPTED.
 6. FOR RADII OF 12m OR LESS KERBS AND CHANNELS OF FORMAT APPROPRIATE RADIUS SHALL BE USED.
 7. KERBS SHALL BE LAID WITH DRY JOINTS AND CLOSELY BUTTED TO ADJACENT KERBS & CHANNELS.
 8. THE MINIMUM LENGTH OF CUT KERBS SHALL BE 50% OF THEIR ORIGINAL MANUFACTURED LENGTH.



- DO NOT SCALE**
- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE, AND DIMENSIONS ARE NOT TO BE SCALED FROM THE DRAWING.
 2. UPSTAND FOR THE HALF BATTERED KERBS SHALL BE 125mm UNLESS OTHERWISE STATED.
 3. UPSTAND TO TOP OF KERB TO BE FLUSH AT CROSSING POINT.
 4. ALL ROAD MARKINGS TO BE LAID IN ACCORDANCE WITH THE CURRENT VERSION OF THE TRAFFIC SIGN REGULATION AND GENERAL DIRECTIONS, AND TO THE GUIDANCE GIVEN IN CHAPTER 5 OF THE TRAFFIC SIGNS MANUAL.
 5. FOR GENERAL NOTES REFER DRAWING No. 001.

REV	DATE	BY	DESCRIPTION	CHK	APPD
DRAWING STATUS:					
HCE			HCE Limited Canolfan Gorsseion Centre Millers Drive Gorseion SA4 4QN		
Civil Engineering Structural Engineering Project Management Petrochemical			Tel: 01792 805010 Email: info@hcelimited.com Web: www.hcelimited.com		
CLIENT: URBAN PROPERTY GROUP					
ARCHITECT: HURLEY & DAVIES					
PROJECT: RESIDENTIAL DEVELOPMENT COMMERCIAL STREET, YSTALYFERA SWANSEA					
TITLE: STANDARD CARRIAGEWAY DETAILS					
SCALE @A1: N.T.S		CHECKED: IH		APPROVED: IH	
CAD FILE: HCE-1333-006		DESIGN-DRAWN: WJ		DATE: JAN 2020	
PROJECT No: 1333		DRAWING No: 006		REV: R01	