

GENERAL NOTES:

1.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
2.

ALL PRECAST CONCRETE KERBS AND EDGINGS SHALL BE LAID TO BS EN 1340. AND LAID TO BS 7533-6.
3.

ALL KERBS & EDGINGS BED AND BACKING OF CONCRETE CLASS SHALL BE GEN2.
4.

THE KERB FACE SHALL BE 125mm UNLESS OTHERWISE SPECIFIED OR AS DIRECTED BY THE ENGINEER.
5.

THE HEIGHT OF THE DROPPED KERB ABOVE THE SURFACE COURSE SHALL BE AS FOLLOWS:-

PRIVATE VEHICULAR ACCESSES25mm

AGRICULTURAL ACCESSES25mm

FLUSH DROPPED CROSSINGS0-6mm* FOR PEDESTRIANS, CYCLEWAYS AND COMBINED FOOTWAY-CYCLEWAYS (CFC)
- * WHERE SIGNIFICANT PROBLEMS OF SURFACE WATER RUN OFF ARE ANTICIPATED FROM THE CARRIAGEWAY TO THE FOOTWAY/PRIVATE LAND THE DETAIL ON DWG NO HST/1100/014 SHALL BE USED INSTEAD OF BULLNOSE BN KERBS AND ADDITIONAL GULLIES PROVIDED.
6.

FOR CURVES GREATER THAN 12m AND LESS THAN 21m THE KERBS WILL EITHER BE THE EXACT RADIUS OR 600mm STRAIGHTS.
7.

THE KERB BED AND BACKING SHALL NORMALLY BE LAID IN ONE OPERATION.
8.

KERBS SHALL BE LAID WITH DRY JOINTS AND CLOSELY BUTTED TO ADJACENT KERBS AND CHANNEL.
9.

THE MINIMUM LENGTH OF ANY CUT KERB SHALL BE 450m.
10.

THE PRECAST CONCRETE TRANSITION KERB SHALL BE INSTALLED AT EACH CHANGE IN KERB TYPE, TIE-INS TO EXISTING AND AT TERMINATION.
11.

IN CLAUSE 1101, SUB-CLAUSE 1, KERBS MAY BE LAID AND BEDDED ON MORTAR IN ACCORDANCE WITH CLAUSE 2601. THE TYPE OF MORTAR SHALL BE APPROVED BY THE OVERSEEING ORGANIZATION.
12.

ON NEW CONSTRUCTION THE MINIMUM DEPTH OF CONCRETE UNDER THE KERB SHALL BE 150mm. ON CONSTRUCTION WHERE THE COMBINED THICKNESS OF SURFACE COURSE, BINDER COURSE AND BASE EXCEEDS 280mm THE CONCRETE DEPTH SHALL BE INCREASED TO COMPENSATE.
13.

WHERE FOOTWAYS ARE CONSTRUCTED IN BLOCK PAVERS OR PRECAST CONCRETE SLABS THE TOP OF THE KERB AND THE TOP OF THE KERB BACKING SHALL BE INCREASED TO ALLOW THE SLAB/PAVER TO BE LAID WITH THE SPECIFIED SAND LAYER THICKNESS.

15.

COMBINED KERB AND DRAINAGE SYSTEMS (COMKADS) WHERE COMKADS ARE PROPOSED OR WHERE ALTERNATIVE COMKADS ARE PROPOSED OTHER THAN SPECIFIED DEVELOPER/CONTRACTOR SHALL PROVIDE THE FOLLOWING FOR APPROVAL:-

A) DESIGN CALCULATIONS BASED ON MANUFACTURER'S DESIGN STANDARDS;

B) DETAILS AND SPACING OF OUTFALLS, SILT TRAPS, ACCESS COVERS ETC;

C) STANDARD DETAILS SHOWING CONSTRUCTION AND LAYING SPECIFICATION.

COMBINED DRAINAGE SYSTEMS SHALL BE OF A TWO PART KERB UNIT COMPRISING OF A 'U' SHAPED BASE CHANNEL AND A TOP UNIT INCORPORATING INLETS ON THE CARRIAGEWAY FACE. THE SYSTEM SHOULD ALSO HAVE A RANGE OF UNITS TO ALLOW FOR LAYING AROUND CURVES FROM 6m RADIUS THROUGH TO STRAIGHT.

THE BEARING BETWEEN THE TOP AND BOTTOM UNITS SHOULD HAVE A MINIMUM WIDTH OF 50mm EACH SIDE OF THE CHANNEL UNIT. A CLASS 1 MORTAR BED SHALL COMPLETELY FILL THE WHOLE OF THE JOINT BETWEEN TOP AND BOTTOM UNITS. THE TOP UNITS SHOULD BE TAMPED INTO POSITION WITHIN ±6mm OF THE TRUE VERTICAL ALIGNMENT, THE DEPTH OF THE RESULTING MORTAR BED SHALL BE 6mm TO 20mm.

THE END FACES OF EACH CHANNEL BLOCK SHALL BE APPLIED WITH AN APPROVED COMPATIBLE BITUMINOUS MASTIC SEALANT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATION. THE SYSTEM SHALL HAVE SUITABLE TRANSITIONS TO STANDARD KERB PROFILES AND APPROPRIATE METHODS OF DEALING WITH DROPPED ACCESSES. SILT TRAP, RODDING POINTS AND OUTFALL COVERS SHOULD BE HINGED, OR INCORPORATE APPROPRIATE TAMPER PROOF COVERS.

THE CONTRACTOR SHOULD CARRY OUT NECESSARY MEASURES TO PREVENT PAVEMENT CONSTRUCTION MATERIALS ENTERING INTO THE INLETS. THE SYSTEM SHALL BE JETTED ON COMPLETION OF THE WORKS, AS PER CLAUSE 516 OF THE SPECIFICATION.

16.

WHERE GRANITE KERBING IS SPECIFIED THE DIMENSIONS OF THE CONCRETE BASE AND BACKING USED FOR PRECAST KERBING SHALL BE ADOPTED.

17.

FOR INFORMATION OR WHERE DRAWINGS REFER TO BS EN 1340 DESIGNATIONS THE FOLLOWING EQUIVALENCE TABLE SHALL BE USED:-

KERB TYPE BS/EN 1340:2003 REF	FORMER BS340 DESIGNATION
BN	PC2(A)
SP	PC5
HB2	PC7
HB3	PC7A
CS1	PC8
EF	PC11

COUNTY HALL
Pegs Lane
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Revisions

A -

FEB 20

REVISED DETAIL

B -

AUG 23

UPDATED DETAIL

C -

Drawing Title

KERBS AND FOOTWAYS
CONSTRUCTION DETAILS
NOTES

Dwg No: HST/1100/001

Scale at A4 : 1:10

Drawn	Approved	Revised
YS	HH	A
Checked	Date	Date
KK	JULY 11	FEB 20