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- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
  2. FOR DETAILED COLUMN SPECIFICATION SEE STANDARD DETAIL DRAWING No'S HCC10/L/015 AND 045 (AND NOTES 3 TO 11 ON THOSE DRAWINGS). BEACON GLOBES/BRACKETS ARE LIKELY TO BE ACCEPTABLE ON THE STANDARD COLUMN SHOWN ON DRAWING HCC10/L/015 PROVIDED THAT NO ADDITIONAL SIGN PLATES ARE FIXED TO THE COLUMN. THE COLUMN MANUFACTURER SHOULD BE CONSULTED BY DESIGNERS TO VERIFY THAT COLUMN PROPOSED IS SUITABLE FOR ANY PROPOSED ATTACHMENTS; DATA SHEETS TO BE PROVIDED.
  3. FOR DETAIL OF COLUMN LOCATIONS SEE STREET LIGHTING LAYOUT DRAWINGS.
  4. FOR COLUMN FOUNDATION SCHEMATIC SEE HCC10/L/025 AND 026.
  5. COLUMN PAINTING TO BE FACTORY-FINISH; COLOUR TO BE "BLACK" BS4800 00 E 53 – COLUMNS AND LANTERNS TO COLOUR-MATCH – A 300 WIDE SELF-ADHESIVE WHITE RETROREFLECTIVE R3B BANDS SHALL BE SECURELY APPLIED TO THE COLUMN SHAFT.
  6. WHERE THE PEDESTRIAN BEACON IS THE TYPE MOUNTED ON A BRACKET THE BRACKET CLAMPS ARE TO BE INSTALLED WITH NEOPRENE GASKET UNDER THE CLAMPS TO PREVENT DAMAGE TO THE COLUMN AND ITS PROTECTIVE COATING.
  7. SUPPORTING LUMINAIRE TO MATCH THE COLUMN COLOUR.
  8. COLUMN DATA SHEETS AND DETAIL DRAWINGS TO BE SUBMITTED WITH ALL SCHEMES.

A	GENERAL UPDATE & TITLE AMENDED	JUNE 18	JA	BS	✓
REV	AMENDMENTS	DATE	CAD	CHKD	APPD

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SCHEME

**STANDARD DETAILS**

DRAWING TITLE

**ZEBRA CROSSING  
SUPPLEMENTARY LIGHTING  
AND BELISHA BEACON**

HCC CADplot: 22.Aug.2018 at 11:40am					
DRAWN	WW	CHECKED	IH, IH	SCALE @ A3	N.T.S
CAD	WW	APPROVED	CP, CP	DATE	July 2015
DRG No.	HCC10/L/155			REVISION	A

**SUPPLEMENTARY LIGHTING REQUIREMENTS AT PEDESTRIAN CROSSINGS (AS PER BS 5489-1:2013, BS EN 13201-2:2015 & ILP TR12)**

- HCC PRACTICE IS:
- TO PROVIDE SUPPLEMENTARY LUMINAIRES WITH ASYMMETRIC DISTRIBUTION A SHORT DISTANCE BEFORE THE CROSSING (LUMINAIRES MOUNTED ON ZEBRA BEACON POLES) SO AS TO DIRECT LIGHT ONTO THE SIDE OF PEDESTRIANS FACING DRIVERS APPROACHING THE CROSSING.
  - THE SUPPLEMENTARY LUMINAIRE IS TO HAVE A LIGHT SOURCE WITH A COLOUR TEMPERATURE "COOLER" THAN THE ADJACENT ROAD LIGHTING AND OF A FLUX VALVE DESIGNED TO ACHIEVE PROPORTIONALLY HIGHER VERTICAL ILLUMINANCE VALUES ON THE CARRIAGEWAY (SEE ILP TR12 "LIGHTING OF PEDESTRIAN CROSSINGS" FOR RELATIVE VALUES).
  - THE ROAD LIGHTING ON THE CONTROLLED AREA APPROACHING THE CROSSING CARPET ARE NOT GENERALLY RAISED – THOUGH IF A ZEBRA IS SITED CLOSE TO A JUNCTION THEN IT MAY BE NECESSARY TO APPRAISE THE WIDER AREA AS ONE CONFLICT AREA.
  - DEPENDING ON THE TARGET LIGHT LEVELS REQUIRED FROM THE SUPPLEMENTARY LUMINAIRE THE NOMINAL COLUMN HEIGHT TO BE 6.0m – 8.0m.

HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) As Updated Dec 2011\HCC10 2015 STANDARD DETAILS\Standard Detail Changes\L Series\L-155 Rev A.dwg