



- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. FOR DETAILED COLUMN SPECIFICATION SEE STANDARD DETAIL DRAWING No'S HCC11/L/010 AND 015 (AND NOTES 3 TO 11 ON THOSE DRAWINGS). BEACON GLOBES/BRACKETS ARE LIKELY TO BE ACCEPTABLE ON THE STANDARD COLUMN SHOWN ON DRAWING HCC11/L/010 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 HCC11/L/035 AND 040.
 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.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

STANDARD DETAILS

DRAWING TITLE

**ZEBRA CROSSING
SUPPLEMENTARY LIGHTING
AND BELISHA BEACON**

HCC CADplot: 25.Feb.2020 at 9:28pm

DRAWN	CHECKED	SCALE @ A3
WW	IH, IH	N.T.S
CAD	APPROVED	DATE
WW	JH, JH	March 2020
DRG No.	REVISION	
HCC11/L/025		

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.

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