

ISLAND NOTES:

millimetres

Do not scale dimensions from this drawing in either paper or electronic format.

To be read in conjunction with all relevant Engineer's, Architect's and Other drawings and specifications.

- quadrants to
- 3 All dimensions are in mi unless otherwise stated.

 305mm × 255mm quadrose be used on nosings.

 The end of the 2m radio to be cut to suit the without the soften and to open.
- to be cut to suit the width of the refuge and to ensure a flush joint with quadrant.

 Type HB (half battered) kerbs to be used with 125mm kerb face except where stated.

 Refuges to be surfaced with the standard footway construction as the width kerbs

Main Contractor to provide a detailed method star works prior to commencement on site.

Any discrepancies are to be reported to the Engineer immediately.

All building products to be used in strict ac manufacturer's recommendations.

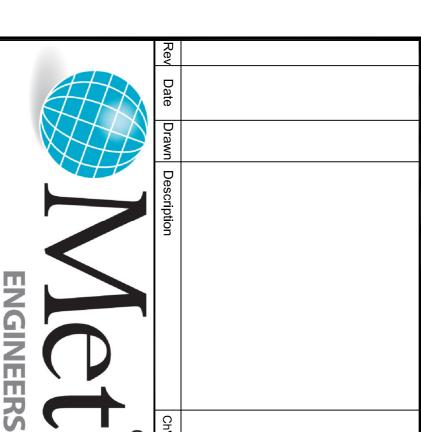
- \mathcal{O} standard footway construction as per Drg No 12732/5002/30.
 Base course regulating material to be used in lieu of sub-base when refuges are constructed in existing surfaces.
 Refuge beacon to be in accordance with the 'Traffic Signs Manual' (Chapter 4).
 On certain designated abnormal load routes the refuge beacon shall be mount
- <u></u>
- 7 Signs Manual' (Chapter 4).
 On certain designated abnormal load routes the refuge beacon shall be mounted in a 'Poletech' Unit or similar equivalent system approved by the LCC Street
- ∞ upproved by the LCC Street
 Lighting section.
 The width of the flush kerbs
 shall correspond to the width of
 the adjacent footway or
 cycleway.

BOLLARD NOTES:

The one piece moulded bollard shell shall be made from soft, translucent white, UV stabilised, butyl vinyl acetate capable of withstanding hard impacts at temperatures down to -23°C. The bollard shell shall provided good yield characteristics in both face on the diagonal impacts without major damage to shell or base assembly. diagonal

100cd/m2 at the diagram arrow. It shall through design provide outstanding levels of lighting at the upper portion of the bollard head regardless of vehicular approach angle. It shall be fixed to the hinged platform of the enclosure by 4 No. stainless steel threaded Hex Sets with stainless nuts used on the inside of the shell to prevent bollard theft or loss. bollard shall achieve, when new, mean average light output of

- Base light units shall contain a removable gear tray with a bonaed incoming supply plug which shall engage in the order: earth—neutral—live and disconnect in the reverse order. The gear tray shall be fitted with two independently fused circuits each comprising a Harvard DK13 digital ballast supplying an 11 watt 4 pin compact fluorescent lamp, with both circuits controlled by a single Zodion F4200 low—light infra—red photo—electric control unit, complying with BSEN 50081/50082. Each base light unit shall be fitted with an integral fixed plg/socket arrangement that isolates the bollard electrical circuits upon removal of the light/gear tray and shall be fitted with internally accessible cable glands that, when tightened, maintains an IP68 rating for the base unit and an additional cable access is required and that, when fitted, also maintains the IP rating. (BS The base light enclosure shall be manu LM6 aluminium all, base flanges to inclorequired. The base light lid shall retain stabilized polycarbonate domed lens to 5490). manufactured include Ifactured in cast aluminium ude holes for ragbolts if and seal a 5.0mm thick UV a protection factor of IP67 protection
- The foundation incorporating the recommendations. the ducts should be as per the
- 2002 cordance w m arrow o or sign e Traffic as specified by the Signs Regulations a Engineer, to be in nd General Directions
- Where the bo refuge, the b surfacing as bollard is installed in an unsurfaced bollard base must be surrounded b shown. verge, island or / an area of hard
- faces The bollard sh that the front shall be should be face is 0.45m <u>v</u>. positioned in s s 0.45m to 1m to 0.6m or as SD splitter islands and refuges son from the carriageway tot he agreed with the Engineer. SO side
- application. Note Sin Class Reflective Construction materials surfaces should ve numbers— reflective en Similar products erials as follows:
 rs— 40mm high for
 engineering grade
 ald be clean, dry an must be for illuminated, and approved material. before from grease black use. self-adhesive



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Title Pedestrian Refuge Island **Construction Details**

Glossop.

For Approval Sep 16 12732-5002-37 Date Sep 16 Not to Scale