



GT50/66/0007

**ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 65
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS**

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984, and of all other powers enabling him in that behalf, on roads for which Leicester City Council is the traffic authority, hereby:-

1. authorises the erection, at appropriate sites on the said roads, of a traffic sign (hereinafter referred to as “the authorised sign”) conforming as to size, colour and character with the sign shown in the attached set of drawings numbered GT50/66/0007-1 save that the element incorporating the sign to diagram 610, as shown in the said set of drawings, may be varied to incorporate a sign to diagram 606, 611 or 616 in Schedule 2 or diagram 951, 955, 956 or 957 in Schedule 5 to the Traffic Signs Regulations 2002 (Part I of SI 2002/3113, “the 2002 Regulations”); and
2. directs, without prejudice to any statutory provision to the like effect, that it is a condition of this authorisation that the erection of the authorised sign at or near the said sites shall continue to have effect only until such day as may be appointed by one month's notice given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised sign and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.



GT50/66/0007

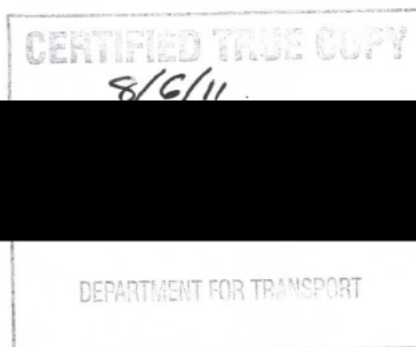
The provisions of Regulations 12, 18 and 19 of the 2002 Regulations shall apply to the roundel incorporated in the authorised sign in the same manner as they apply to the same sign shown in diagrams 606, 611 or 616 in Schedule 2 or diagrams 951, 955, 956 or 957 in Schedule 5 to those Regulations.

Dated 23 May 2011

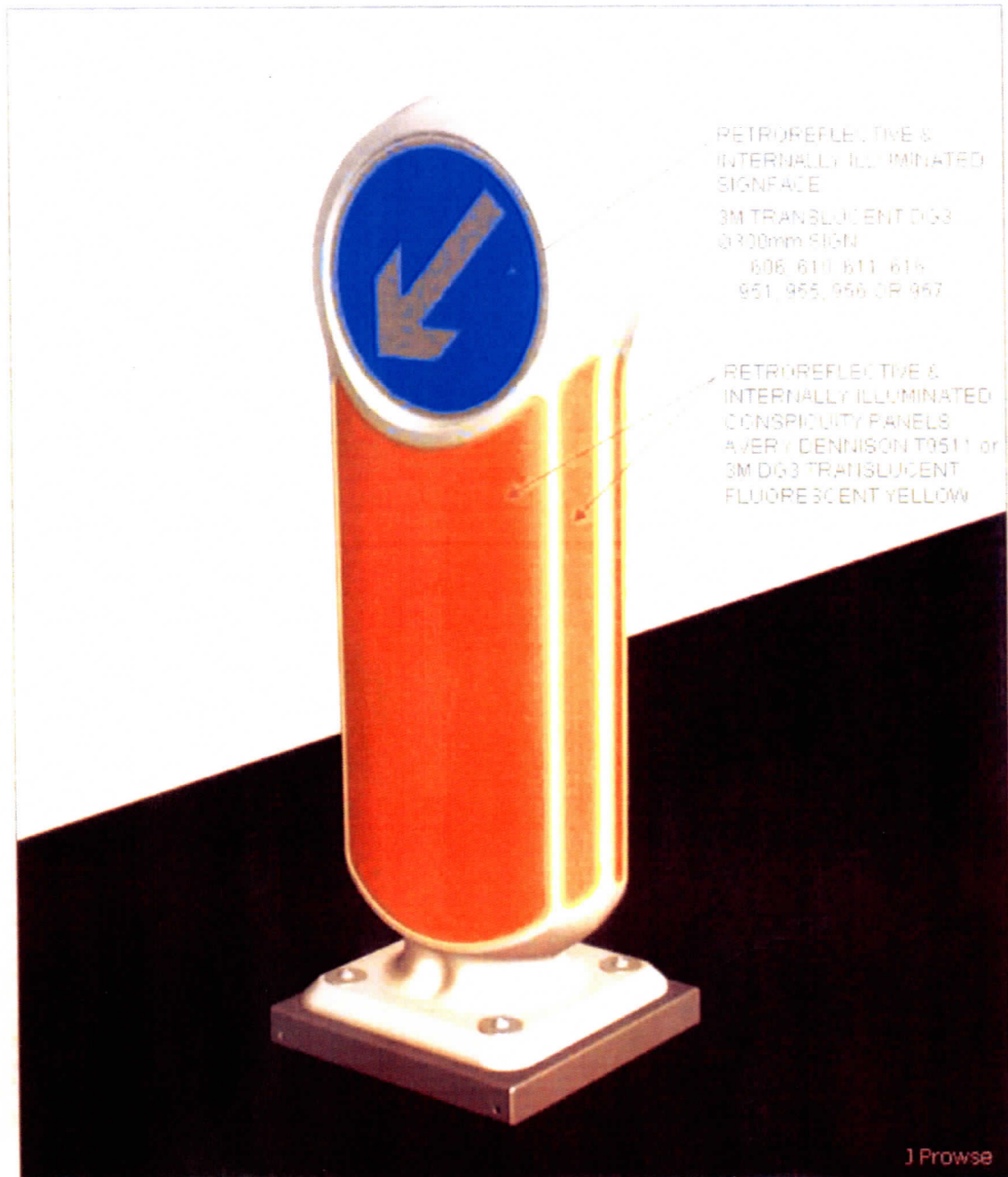
Signed by authority of the Secretary of State



.....
A Designated Official of the Department for Transport



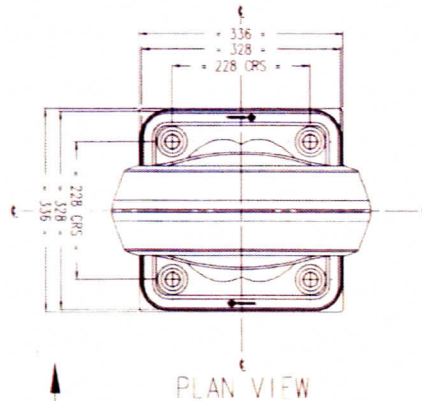
Retroreflective Bollard with Internal illumination
from a Baselight



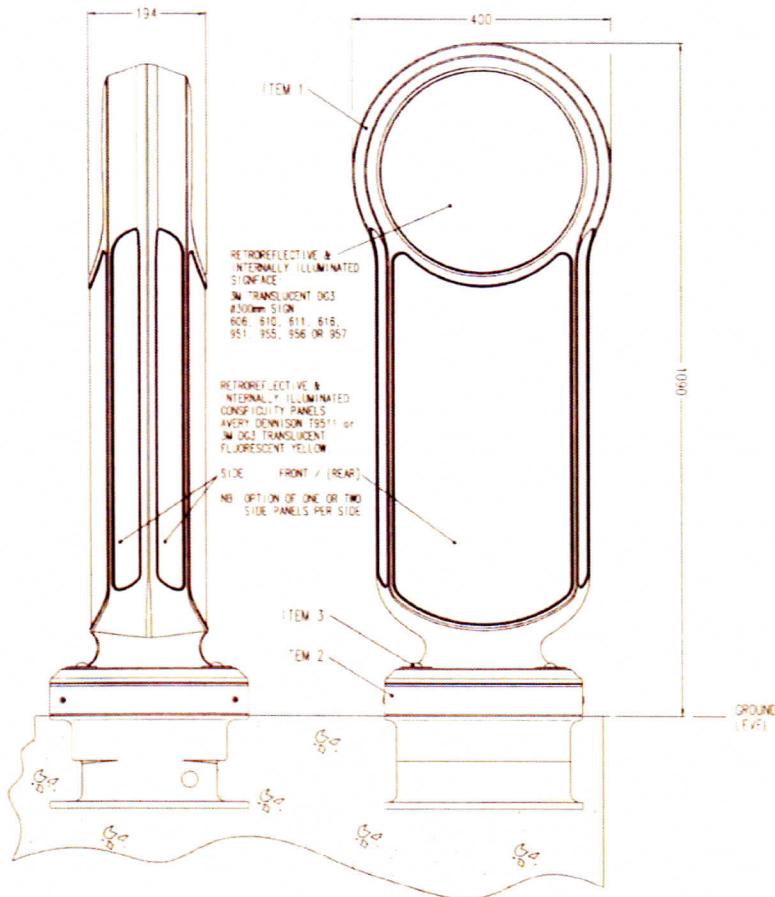
23/5/11
9750/66/0007-1

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MODEL SPECIFICATION REBOUND SIGNMASTER™ BOLLARD (RETROREFLECTIVE BOLLARD WITH INTERNAL ILLUMINATION FROM A BASELIGHT)



DIRECTION
OF TRAFFIC



(SHOWING PRE-INSTALLED TYPICAL LIGHTBOX - INSTALLED ONTO OPTIONAL LIGHTBOX ADAPTER PLATE)

PRODUCT INFORMATION:

- **WEIGHT**
 - BOLLARD - 6.0 Kg
 - FIXINGS - 1.0 Kg
 - ADAPTOR PLATE - 3.1 Kg
 - TOTAL - 10.1 Kg
- **MATERIAL**
 - BOLLARD - IMPACTPOL®
 - ADAPTOR - MS GALVANISED
 - FIXINGS - SCREWS - STAINLESS STEEL
 - WASHERS - STAINLESS STEEL
 - SPACERS - RIGID PVC

- **BODY**
 - COLOUR - WHITE

- **DIMENSIONS** - ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.

INSTALLATION GUIDE:

- **ITEM 1 - REMOVABLE BOLLARD**
- **ITEM 2 - ADAPTOR PLATE**
(VARIOUS TYPES DEPENDANT ON LIGHTBOX FITTING)
- **ITEM 3 - FIXINGS (4 OFF)**
 - M10 x 50mm SOCKET HEAD SCREW - S/S
 - M10 x 850 x 3mm WASHER - POWDER COATED S/S
 - M10 x 119 x 20mm SPACER - RIGID PVC

- ENSURE THAT ANY SIGNFACE FACES TOWARDS ONCOMING TRAFFIC.

- **FIXING TO EXISTING BASELIGHTS**

USE THE APPROPRIATE ADAPTOR PLATE RELATIVE TO THE TYPE OF BASELIGHT. FOLLOW THE SEPARATE FIXING INSTRUCTIONS SUPPLIED.

- **USE OF LED BASELIGHT**

FOLLOW THE SEPARATE FIXING INSTRUCTIONS SUPPLIED.

OPTIONAL PARTS:

- **OPTIONS AVAILABLE FOR THE PRODUCT**

- BODY C/W FRONT, 1x1H & 1x1H CONSPICUITY PANELS
- BODY C/W FRONT, 2x1H & 2x1H CONSPICUITY PANELS
- BODY C/W FRONT, REAR, 2x1H & 2x1H CONSPICUITY PANELS
- A RANGE OF AUTHORISED SIGNFACES &/OR WHITE DISC

- **SPARES ARE AVAILABLE, WHICH INCLUDE:**

- BOLLARD C/W FIXINGS & RETROREFLECTIVE PATCHES
- BOLLARD ONLY
- RANGE OF SIGNFACES
- FIXINGS

TECHNICAL DATA:

- **SURFACE AREA OF CONSPICUITY PANELS**

- FRONT - 161,701mm² (PROJECTED)
- SINGLE SIDE - 24,255mm²
- OPTIONAL DOUBLE SIDE - 48,510mm²

- **SURFACE AREA OF SIGNFACE - 70,686mm²**

ORG. TITLE			
PROJECT			
ORG. No.	PROJECT No.		
SCALE	DATE		
DRAWN BY	CHECKED		



Preston New Road, Blackpool
Lancashire, FY4 4BL
Telephone: 01253 800400
Facsimile: 01253 792558
E-mail: sales@glasdon-uk.co.uk
Web Site: www.glasdon.com

SPECIFICATION NUMBER - 025068-SCS | ISSUE 2
© GLASDON UK LTD 02/07/07 | SHEET SIZE: A2

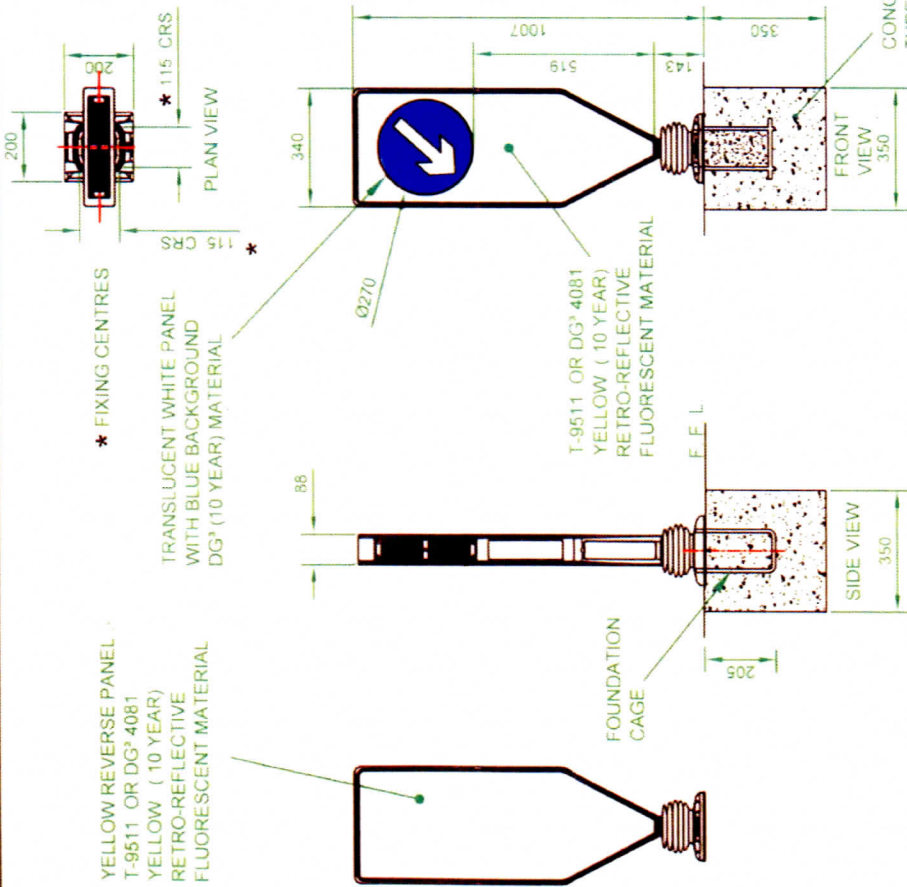
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IF IN DOUBT ASK

REVISION	
/A FIRST ISSUE: DDR 441: KR 12-01-11	
/B OPTIONAL RETRO-REFLECTIVE DISCS DEL: DDR 441: KR 14-01-11	

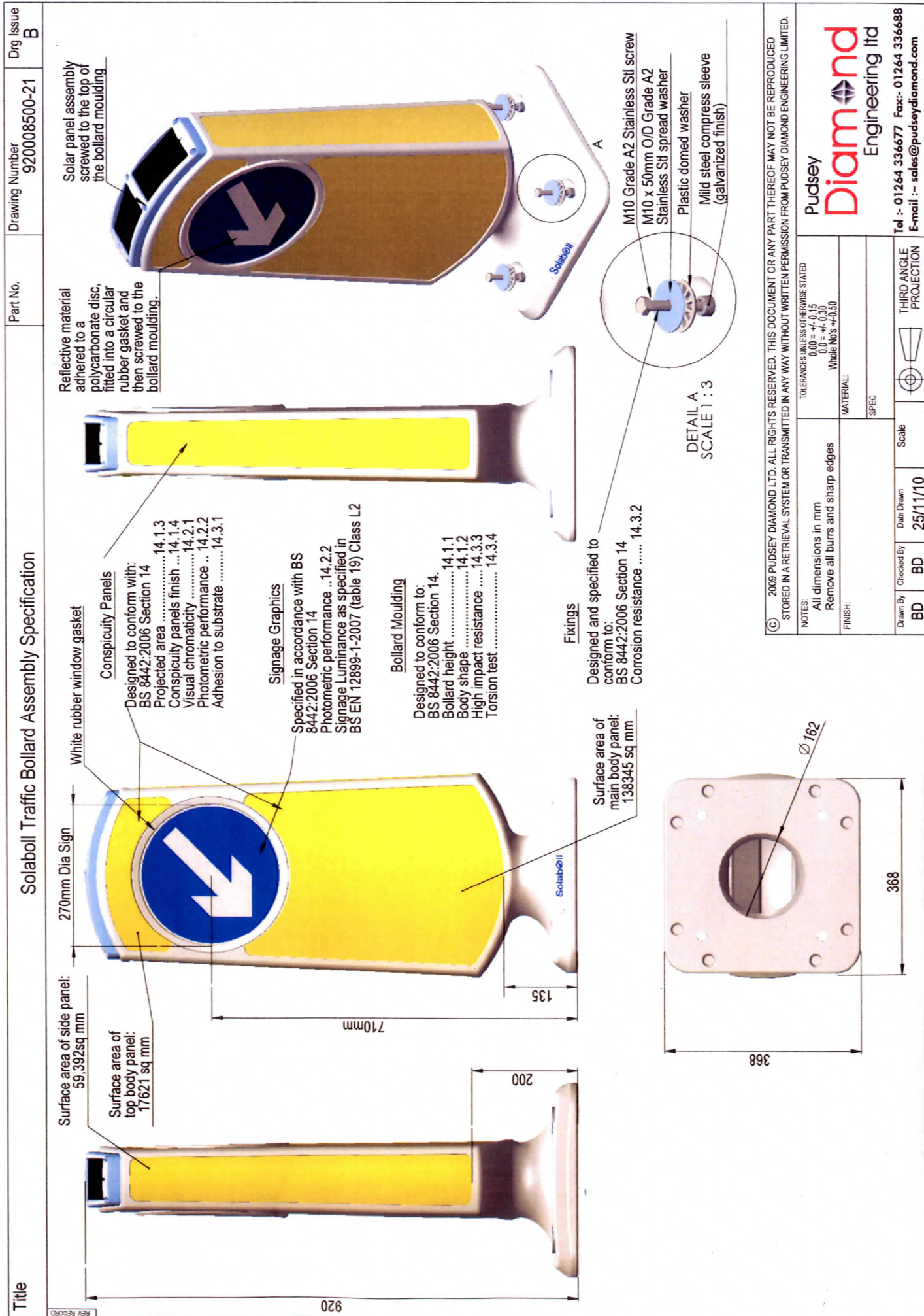
TECHNICAL
PROJECTED AREA OF FRONT = 230.362mm²
PROJECTED AREA OF EACH SIDE = 23.250mm²
LEDs = 2 off Cree High Power LED's Guarantee of 50,000 hours burn time
Batteries = Cyclon Non-spillable Lead-Acid Batteries Guaranteed for 5 Years with a Design Life of 7 to 10 Years
Solar Panels = 3 Panels of Monocrystalline technology Guaranteed for 5 Years
Bollard Body = Rotationally moulded made out of recyclable material



PLEASE NOTE
SIGNATURE RESERVES THE RIGHT TO UPDATE THE ABOVE AS AND WHEN NECESSARY WITHOUT PRIOR NOTICE

NOTE UNDERSIDE OF PLATE IS GROUND LEVEL

	TOLERANCE	+/- 0.5mm	MATERIAL	-	DRN BY	K. RAM	CHKD BY	N/A	APPROVED BY & DATE	FILENAME	DATE	SCALE	
QA FORM No. PG20c Iss 2	ANGULAR TOLERANCE	± 1°	SPECIFICATION	-	OWNER SIGNA	Signature Ltd Signature House Hance Road Tivdale, Oldbury B69 2NF 0121 557 0224	TITLE	LAYOUT - LED SOLAR ILLUMINATED TRUEFLEX BOLLARD WITH FOUNDATION CAGE SPECIFICATION	DWG. No.	L6132	REVISION	B	SHEET 1 OF 1
STOCK No.	ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED		FINISH	-									



Title

Solaboll Traffic Bollard Assembly Specification

Part No. Drawing Number 92008500-21

Drig Issue B

Surface area of side panel:
59,392sq mm

Surface area of
top body panel:
17621 sq mm

270mm Dia Sign

Black rubber window gasket

Conspicuity Panels

Designed to conform with:
BS 8442:2006 Section 14
Projected area 14.1.3
Conspicuity panels finish 14.1.4
Visual chromaticity 14.2.1
Photometric performance .. 14.2.2
Adhesion to substrate 14.3.1

Signage Graphics

Specified in accordance with BS
8442:2006 Section 14
Photometric performance .. 14.2.2
Signage Luminance as specified in
BS EN 12899-1-2007 (table 19) Class L2

Bollard Moulding

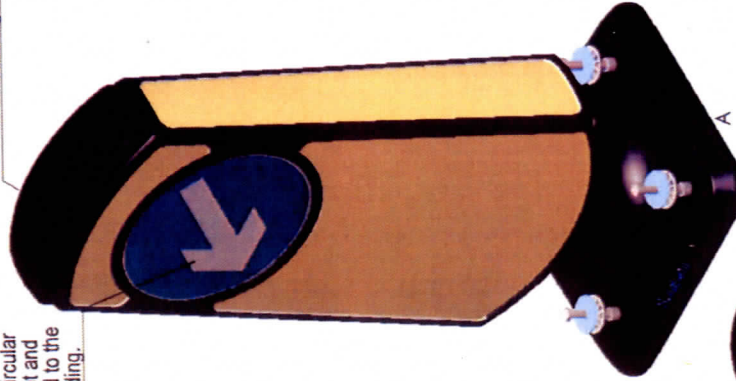
Designed to conform to:
BS 8442:2006 Section 14.
Bollard height 14.1.1
Body shape 14.1.2
High impact resistance 14.3.3
Torsion test 14.3.4

Fixings

Designed and specified to
conform to:
BS 8442:2006 Section 14
Corrosion resistance 14.3.2

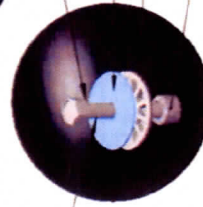
Surface area of
main body panel:
138345 sq mm

Reflective material
adhered to a
polycarbonate disc,
fitted into a circular
rubber gasket and
then screwed to the
bollard moulding.



M10 Grade A2 Stainless Stl screw
M10 x 50mm O/D Grade A2
Stainless Stl spread washer
Plastic domed washer
Mild steel compress sleeve
(galvanized finish)

DETAIL A
SCALE 1 : 3

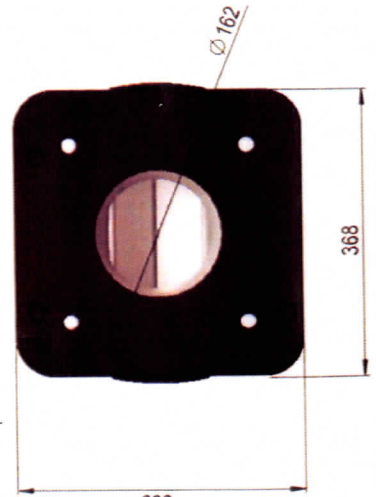


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TOLERANCES UNLESS OTHERWISE STATED

0.00 = +0.15
0.0 = +0.30
Whole Nos +0.50

MATERIAL

SPEC

Pudsey

Diamond
Engineering Ltd

Tel :- 01264 336677 Fax:- 01264 336688
E-mail :- sales@pudseydiamond.com

Scale

Date Drawn

Checked By

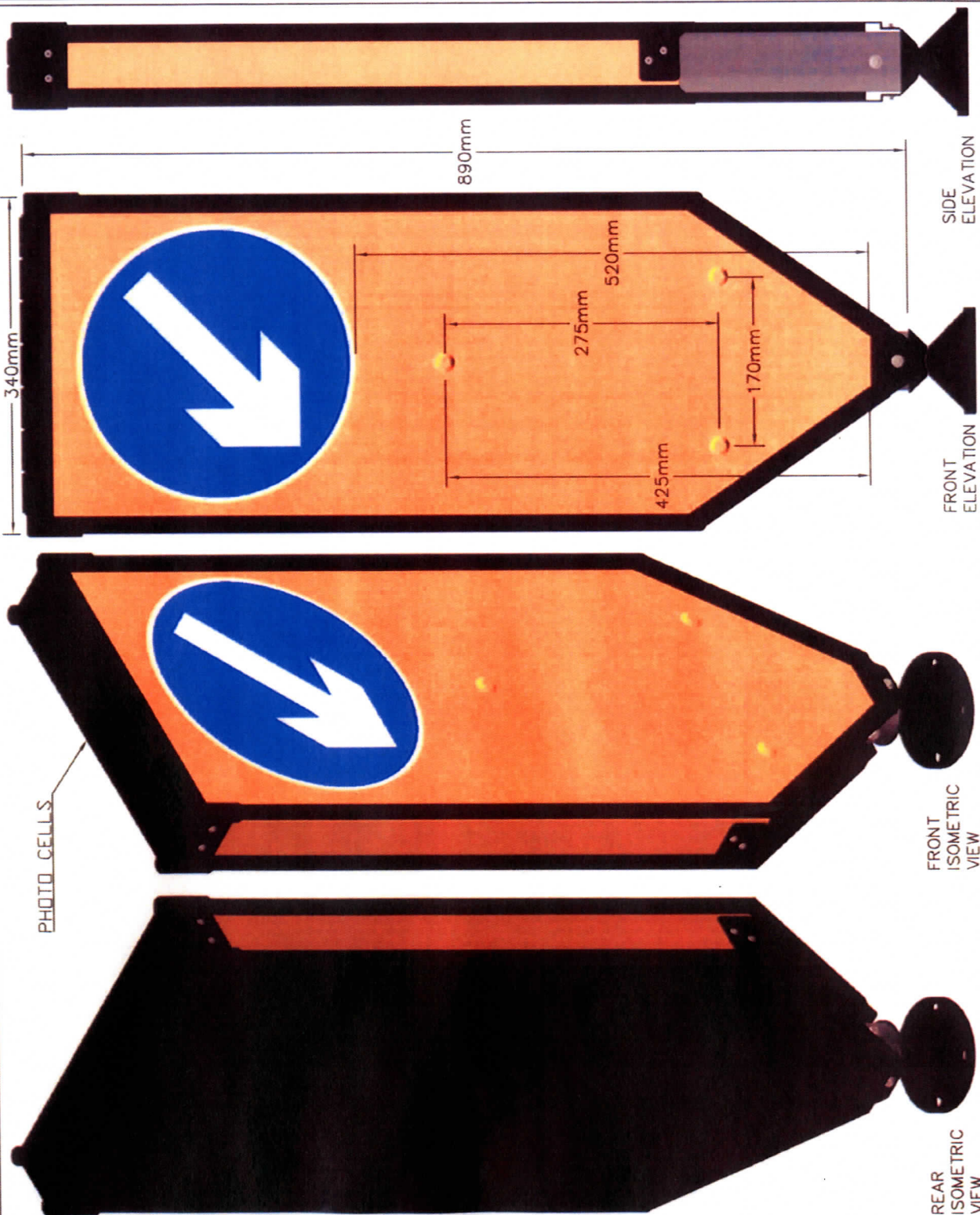
BD BD

25/11/10

THIRD ANGLE
PROJECTION

TMP Ltd

TMP SOLALITE D610



REAR
ISOMETRIC
VIEW

FRONT
ISOMETRIC
VIEW

FRONT
ELEVATION

SIDE
ELEVATION

SIGN FACE P610:
BORDER WHITE 4090T
BACKGROUND
BLUE TRANSLUCENT
ARROW WHITE 4090T
DIAMETER 280mm
DG3(DIAMOND GRADE CUBED)
BS8408: 2005

CLEAR ILLUMINATED BACK
PLATE TO ROUND EL AT
280mm DIAMETER

DRILL HOLES
11MM-5MM DIAMETER
470MM-13MM DIAMETER
840MM-13MM DIAMETER

FACING DIMENSIONS:
WIDTH: 300mm
HEIGHT: 809.5mm
AREA: 0.243sq.m
FLUORESCENT YELLOW 4051
DG3(DIAMOND GRADE CUBED)
BS8408: 2005

SIDE STRIPS:
WIDTH: 40mm
HEIGHT: 645mm
FLUORESCENT YELLOW 4051
DG3(DIAMOND GRADE CUBED)
BS8408: 2005

MATERIAL:
VACUUM FORMED
POLYPROPYLENE
BLACK

Approved by:

Date:

Design by DJN

Drawn by AC

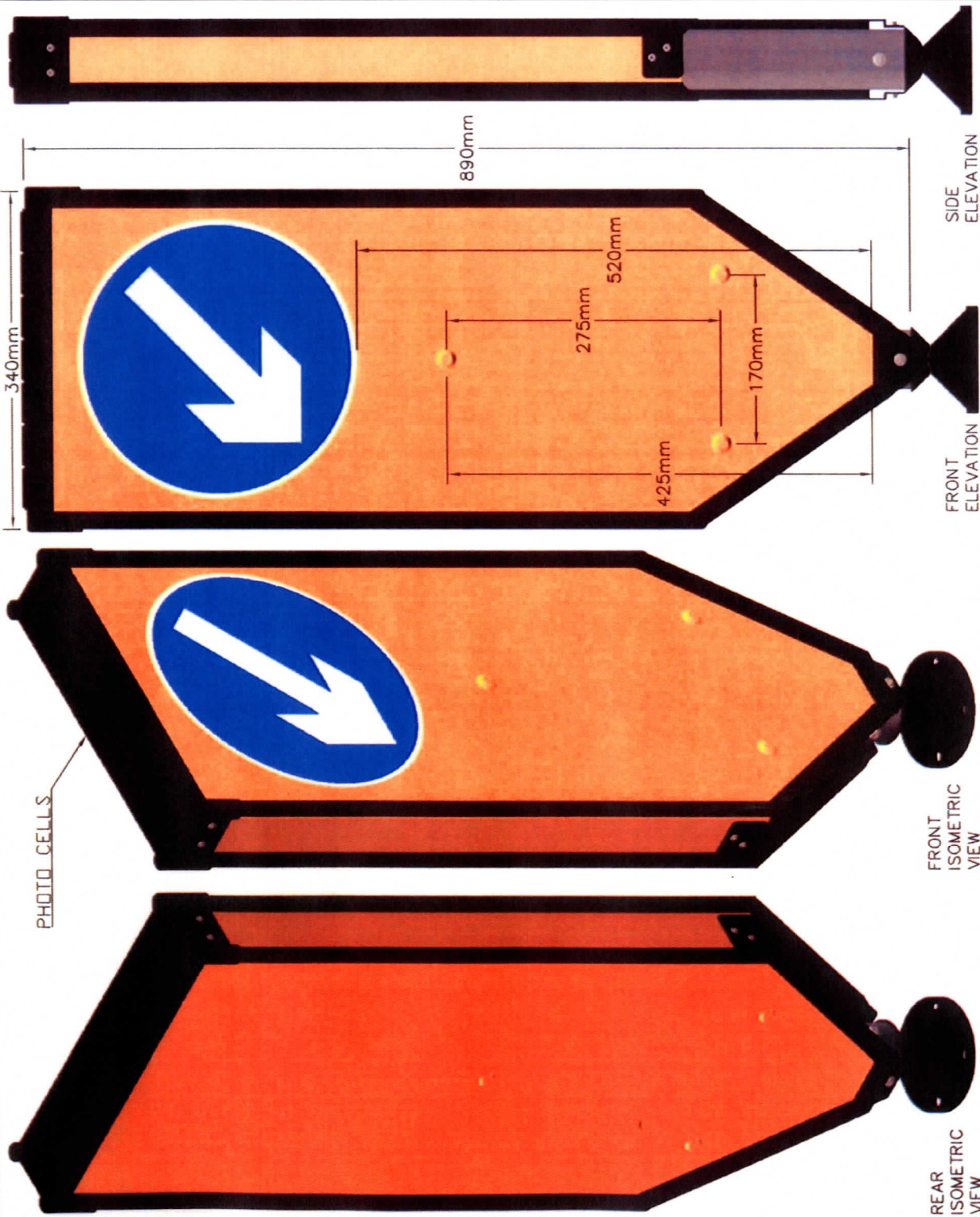
Tolerance $\pm 1.0\text{mm}$

Revision # 3

Date 9/11/2007

Reference

TMP Limited (Telephone) UK: +44 (0)1342 844437 - (Telephone) Ireland: +353 87 24 23 634



SIGN FACE P610:
BORDER WHITE 4090T
BACKGROUND
BLUE TRANSLUCENT
ARROW WHITE 4090T
DIAMETER 280mm
DG3(DIAMOND GRADE CUBED)
BS8408:2005

CLEAR ILLUMINATED BACK
PLATE TO ROUNDEL AT
280mm DIAMETER

DRILL HOLES
11MM-5MM DIAMETER
470MM-13MM DIAMETER
840MM-13MM DIAMETER

FACING DIMENSIONS:

WIDTH: 300mm

HEIGHT: 809.5mm

AREA: 0.243sq.m

APPLIED TO FRONT AND
REAR

FLUORESCENT YELLOW 4051
DG3(DIAMOND GRADE CUBED)
BS8408:2005

SIDE STRIPS:

WIDTH: 40mm

HEIGHT: 645mm

FLUORESCENT YELLOW 4051
DG3(DIAMOND GRADE CUBED)
BS8408:2005

MATERIAL:
VACUUM FORMED
POLYPROPYLENE
BLACK

Approved by:

Date:

Design by DJN

Drawn by AC

Tolerance $\pm 1.0\text{mm}$

Revision # 2

Date 9/11/2007

Reference

