

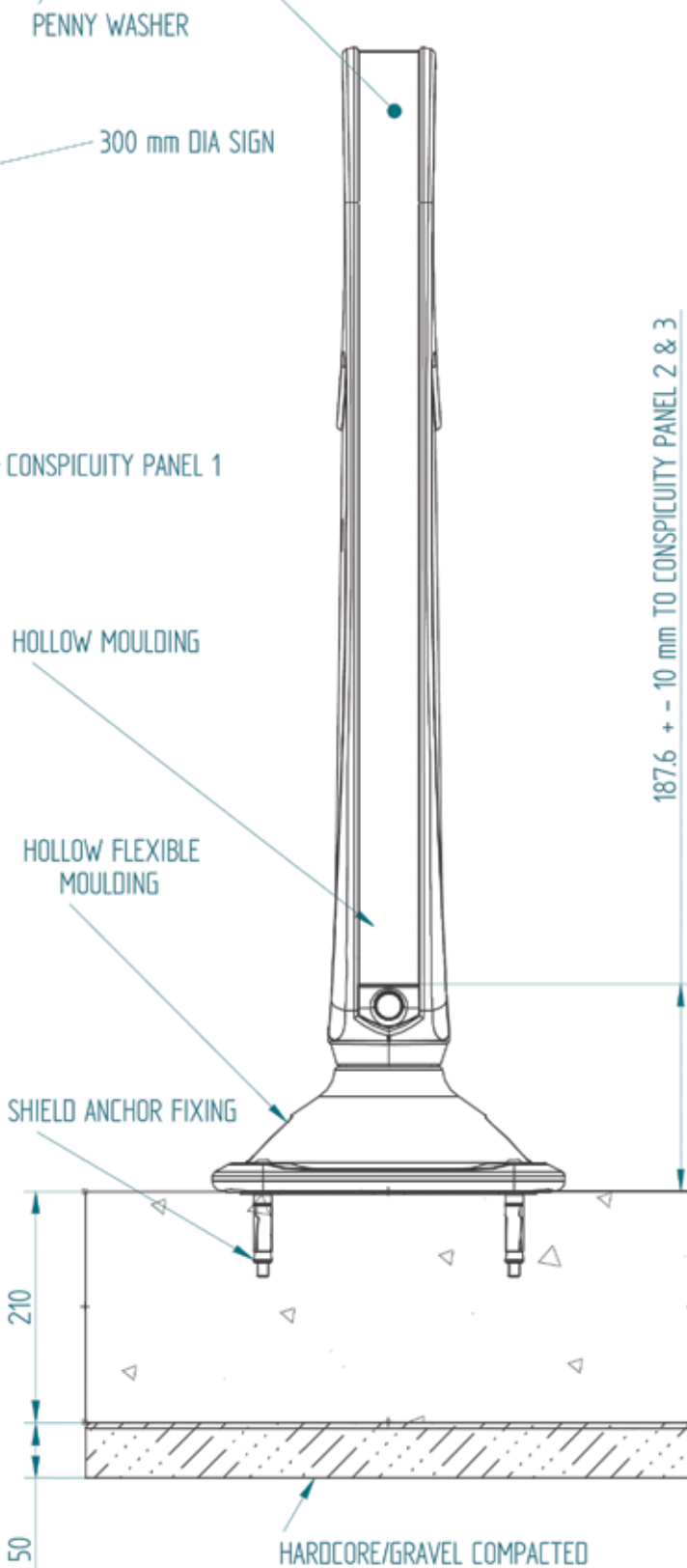
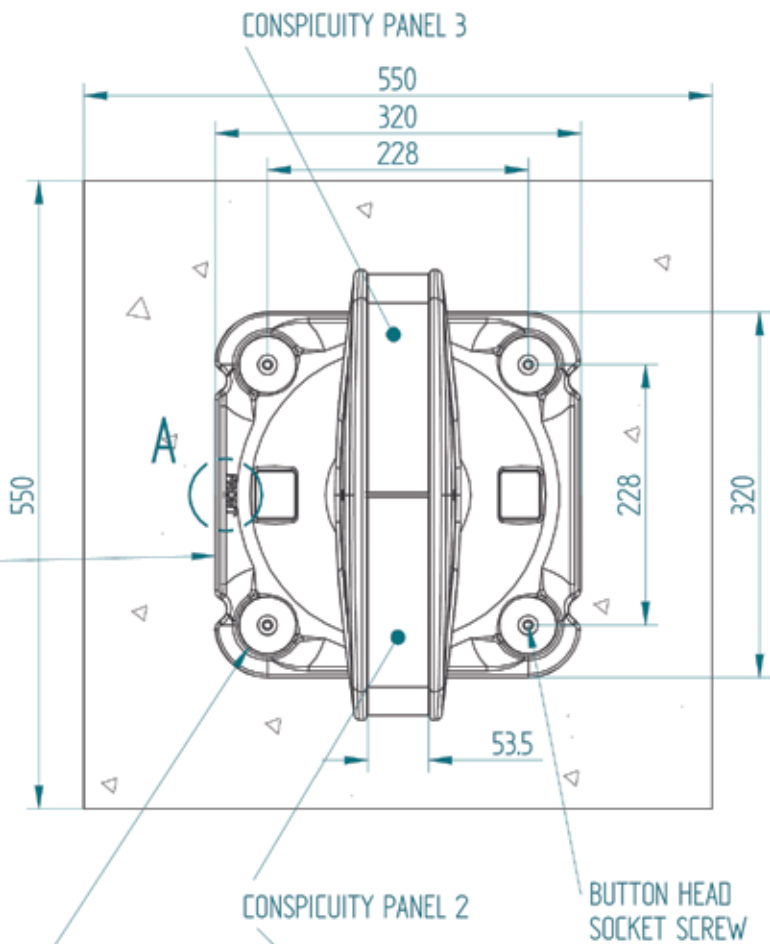
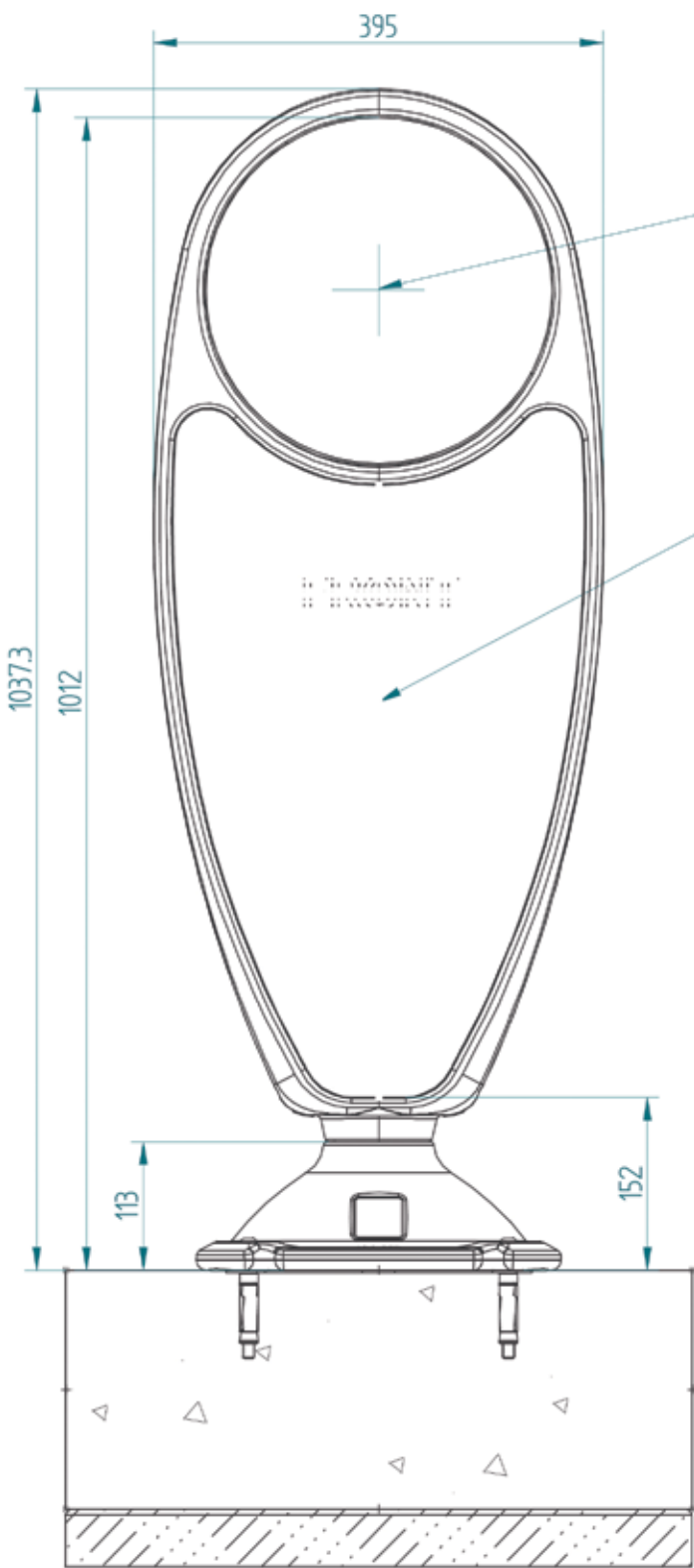
DO NOT SCALE
IF IN DOUBT - ASK

DETAIL A

FRONT INDICATOR ON THE BASE
MOULDING SHOULD ALWAYS BE
MOUNTED SO THIS SIDE IS FACING
ONCOMING TRAFFIC

DIRECTION OF ONCOMING TRAFFIC

PRODUCT TO BE SITED
90 DEGREES TO DIRECTION OF TRAFFIC



DESIGN	
ENGINEERING	
QUALITY	
PRODUCTION	

DATE	MODIFICATIONS	DCN No	ISS	CHKD
28/9/09	NEW DRAWING	XX-XX	I	
4/2/10	SPEC UPDATED	05-10	I	

NIGHTOWL BODY AND BOUNCE BACK BASE MATERIALS :

- HOLLOW BODY MOULDING MDPE
- HOLLOW BASE MOULDING FLEXIBLE PE

300 DIA SIGN FACES

- 3M DIAMOND GRADE DG3 WHITE REFLECTIVE VINYL OR ALTERNATIVE MATERIAL APPROVED TO BS8408

CONSPICUITY PANEL 1 - (FRONT PANEL)

- COMPLIES WITH THE REQUIREMENTS OF BS8442:2006. MATERIAL - 3M DIAMOND GRADE DG3 FLUORESCENT YELLOW REFLECTIVE VINYL OR ALTERNATIVE APPROVED TO BS8408
- 160,999 mm² METERS PROJECTED AREA

CONSPICUITY PANEL 2 & 3 - (SIDE PANELS)

- COMPLIES WITH THE REQUIREMENTS OF BS8442:2006. MATERIAL - 3M DIAMOND GRADE DG3 FLUORESCENT YELLOW REFLECTIVE VINYL OR ALTERNATIVE APPROVED TO BS8408
- 44,802 mm² METERS PROJECTED AREA PER SIDE

COMPONENTS USED TO ASSEMBLE PRODUCT (EXCLUDING GROUND FIXINGS)

1. (X1) - M8 FORMC WASHER 20mm OD 1.6mm THICK - STAINLESS STEEL

2. (X1) - M8 x 13mm DYNAFIX - ZINC DIECAST

3. (X1) - M10 x 120mm SOCKET HEAD CAP SCREW - STAINLESS STEEL

4. (X2) BOLT CAP - 25mm Dia X 11.5mm - LDPE

GROUND FIXING :

SURFACE MOUNT FIXING

1. (X4) M10 x 100mm BUTTON HEAD SOCKET SCREW - STAINLESS STEEL

2. (X1) - M10 PENNY WASHER 50mm OD 3mm THICK - STAINLESS STEEL

3. (X4) M10 SHIELD ANCHOR 16 mm x 60 mm MILD STEEL BZP OR EQUIVALENT OF SAFE WORKING LOAD 6 KN

4. (X4) COMPRESSION SPACER - 10MM ID 22mm OD X 20mm - NYLON

TO SURFACE MOUNT BOLLARD, DRILL 4 HOLES OF 16mm x 80mm (MIN DEPTH) INTO SUITABLE GOOD FOUNDATION OR PREPARE SITE TO THE FOLLOWING FOUNDATION SPEC BEFORE INSTALLING.

FOUNDATION TO CONSIST OF STRUCTURAL CONCRETE SPEC (MINIMUM C20/25) OF SIZE 550x550x210 WITH 50 mm OF HARDCORE (SITE SURVEY MUST BE USED TO ASCERTAIN SUITABILITY OF FOUNDATION.

IF THE WIDTH OF THE CONCRETE FOUNDATION IS UNDER THE REQUIRED 550 MM SQUARE FOOTING IT IS RECOMMENDED TO INCREASE DEPTH OF FOUNDATION TO OBTAIN PROPORTIONAL VOLUME IN FOUNDATION.

NOTE: MINIMUM DISTANCE FROM ANCHOR TO EDGE OF CONCRETE SHOULD BE NO LESS THAN 160mm

PRODUCT VARIANTS

1) NIGHTOWL STANDARD - WITH 300 DIA SIGN FACE WITH CONSPICUITY PANEL 1 ON FRONT AND CONSPICUITY PANEL 2 & 3 COVERING THE SIDES.

2) NIGHTOWL STANDARD + CONSPICUITY PANEL 1 ON THE BACK

3) NIGHTOWL STANDARD + PANEL 1 ON THE BACK + 300 DIA SIGN ON BACK.

NIGHTOWL SURFACE MOUNT

NOTE - THIS IS A NON ILLUMINATED PRODUCT - RESTRICTIONS APPLY TO ITS USE. ALL DIMENSIONS IN mm
AUTHORISATION FOR USE MUST BE OBTAINED FROM THE DFT.

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NOT TO SCALE	Product	NIGHT OWL
DRAWN BY	Component	NIGHT OWL - SURFACE MOUNT
DATE	DWG Type	SPECIFICATION
19/05/09		
PC No	DWG No	Sheet No
31707/1	1707AD	SHEET 1 OF 1

DO NOT SCALE
IF IN DOUBT - ASK

DETAIL A

FRONT INDICATOR ON THE BASE
MOULDING SHOULD ALWAYS BE
MOUNTED SO THIS SIDE IS FACING
ONCOMING TRAFFIC

DIRECTION OF ONCOMING TRAFFIC

PRODUCT TO BE SITED
90 DEGREES TO DIRECTION OF TRAFFIC

PENNY WASHER

CONSPICUITY PANEL 3

BUTTON HEAD
SOCKET SCREW

CONSPICUITY PANEL 2

300 mm DIA SIGN

CONSPICUITY PANEL 1

FRONT

HOLLOW MOULDING

HOLLOW FLEXIBLE
MOULDING

CONCRETE IN ANCHOR

HARDCORE/GRAVEL COMPACTED

NIGHTOWL CONCRETE IN

(RECOMMENDED FIXING)

NOTE - THIS IS A NON ILLUMINATED PRODUCT - RESTRICTIONS APPLY TO ITS USE.
AUTHORISATION FOR USE MUST BE OBTAINED FROM THE DFT.

ALL DIMENSIONS IN mm

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DESIGN	
ENGINEERING	
QUALITY	
PRODUCTION	

DATE	MODIFICATIONS	DCN No	ISS	CHKD
28/9/09	NEW DRAWING	XX-XX	1	
4/2/10	SPECIFICATION UPDATED	06-10	2	

NIGHTOWL BODY AND BOUNCE BACK BASE MATERIALS:

- HOLLOW BODY MOULDING MDPE
- HOLLOW BASE MOULDING FLEXIBLE PE

300 DIA SIGN FACES

- 3M DIAMOND GRADE DG3 WHITE REFLECTIVE VINYL OR ALTERNATIVE APPROVED TO BS8408

CONSPICUITY PANEL 1 - (FRONT PANEL)

- COMPLIES WITH THE REQUIREMENTS OF BS8442:2006. MATERIAL - 3M DIAMOND GRADE DG3 FLUORESCENT YELLOW REFLECTIVE VINYL OR ALTERNATIVE APPROVED TO BS8408. 160,999 mm² METERS PROJECTED AREA

CONSPICUITY PANEL 2 & 3 (SIDE PANELS)

- COMPLIES WITH THE REQUIREMENTS OF BS8442:2006. MATERIAL - 3M DIAMOND GRADE DG3 FLUORESCENT YELLOW REFLECTIVE VINYL OR ALTERNATIVE APPROVED TO BS8408. 44,802 mm² METERS PROJECTED AREA PER SIDE

COMPONENTS USED TO ASSEMBLE PRODUCT (EXCLUDING GROUND FIXINGS):

1. (X1) - M8 FORMC WASHER 20mm OD 1.6mm THICK - STAINLESS STEEL
2. (X1) - M8 x 13mm DYNAFIX - ZINC DIECAST
3. (X1) - M10 x 120mm SOCKET HEAD CAP SCREW - STAINLESS STEEL
4. (X2) BOLT CAP - 25mm Dia X 11.5mm - LDPE

GROUND FIXING:

CONCRETE IN FIXING

1. (X4) M10 x 40mm BUT TON HEAD SOCKET SCREW - STAINLESS STEEL
2. (X1) - M10 PENNY WASHER 50mm OD 3mm THICK - STAINLESS STEEL
3. (X4) LPE CONCRETE IN SOCKET ANCHOR M10 X 210MM LONG (OR EQUIVALENT HEAVY DUTY CONCRETE IN FIXING INSERT OF MIN AXIAL LOAD RATING 600 kg)
4. (X4) COMPRESSION SPACER - 10MM ID 22mm OD X 20mm - NYLON

FOUNDATION TO CONSIST OF STRUCTURAL CONCRETE SPEC (MINIMUM C20/25) OF SIZE 550x550x210mm WITH 50 mm OF HARDCORE (SITE SURVEY MUST BE USED TO ASCERTAIN SUITABILITY OF FOUNDATION SPEC REQUIRED.

IF THE WIDTH OF THE CONCRETE FOUNDATION IS UNDER THE REQUIRED 550 mm SQUARE FOOTING IT IS RECOMMENDED TO INCREASE DEPTH OF FOUNDATION TO OBTAIN PROPORTIONAL VOLUME IN FOUNDATION.

NOTE: MINIMUM DISTANCE FROM ANCHOR TO EDGE OF CONCRETE SHOULD BE NO LESS THAN 100mm

PRODUCT VARIANTS

- 1) NIGHTOWL STANDARD WITH 300 DIA SIGN FACE WITH CONSPICUTY PANEL 1 ON FRONT AND CONSPICUTY PANEL 2 & 3 COVERING THE SIDES. (SINGLE SIDED)
- 2) NIGHTOWL STANDARD + PANEL 1 ON BACK
- 3) NIGHTOWL STANDARD + PANEL 1 ON THE BACK + 300 DIA SIGN ON BACK.(DOUBLE SIDED)

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NOT TO SCALE	Product	NIGHT OWL
DRAWN BY	AE	Edwards
DATE	19/05/09	DRG Type
		SPECIFICATION
PC No	117071	DRG No
		007A02
		Sheet No
		5 of 5