MAIN CONTRACTOR TO **ENSURE UPSTANDS** ARE MANUFACTURE. SQUARE, AND TO THE REQUIRED 1 DEG FALL

# ROOFLIGHT LOCATION PLAN

3375.5 O/ALL ROOFLIGHT

3330 O/ALL UPSTAND

2935 O/ALL ROOFLIGHT

G3

1 DEG FALL

121KG

**UNIT WEIGHT** 

**ROOFLIGHT 1** 1 No THUS **DIFUSSED GLASS** NO ANTI SLIP FRIT

В G2 **UNIT WEIGHT** UNIT WEIGHT 140KG O/ALL 1 DEG FALL 1155 (

LIG

O/ALL

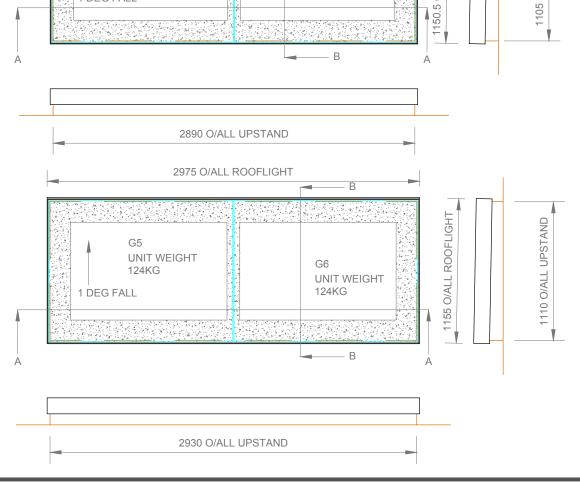
**UNIT WEIGHT** 

121KG

O/ALL UPSTAND

ROOFLIGHT 2 2 No THUS **DIFFUSED GLASS** NO ANTI SLIP FRIT

**ROOFLIGHT 3** 1 No THUS **DIFFUSED GLASS** NO ANTI SLIP FRIT



ALL ROOFLIGHTS DESIGN TO ACCOMMODATE THE FOLLOWING WALK ON LOAD Concentrated load = 1400N Uniform Load = 2000N/m2

CAMBS GLASS LTD TEL -+44 (0)1638 640 038 UNIT 3 SWAN LANE FAX -+44 (0)1638 667 600 **EXNING** 

NEWMARKET E-MAIL info@cambsglass.co.uk CB8 7EN WEBSITE - www.cambsglass.co.uk

#### **SPECIFICATION**

#### **GLASS SPECIFICATION**

6mm CLEAR TOUGHENED LOW E 16mm BLACK SILICONE SEALED SPACER 25.5mm CLEAR TOUGHENED/LAMINATED OUTER ALL GLASS CONFORMING TO IMPACT RESISTANCE AND BREAKAGE CHARACTERISTICS OF BS6206, WITH ALL GLASS UNITS FABRICATED D BS5713A AND IN ACCORDANCE WITH BS6262

#### FINISH SPECIFICATION

POLYESTER POWER COATED TO ANY STANDARD RAL REFERANCE POLYESTER POWER COATING, MINIMUM THICKNESS OF 40 MICRONS.

#### FRAMEWORK SPECIFICATION

ALL ALUMINIUM EXTRUSIONS TO COMPLY WITH BS1474 AND ALUMINIUM SHEET/PLATE TO BS EN 485, 515 & 573. TYPICALLY PROVIDED IN GRADES 6063 & 6082 (EXTRUSIONS) AND STCH4 & NS4 (SHEET/PLATE). ALL MILD STEE COMPONENTS TO BE GALVANISED, ZINC COATED OR RED OXIDE PRIMED PRIOR TO FINISH APPLICATION. ALL STAINLESS STEEL COMPONENTS PROVIDED IN GRADE 304 STAINLESS STEEL UNLESS OTHERWISE NOTED. EXTREME ENVIRONMENTS (INC. MARINE) MUST BE HIGHLIGHTED AT SALES OR DESIGN STAGE.

#### HARDWARE SPECIFICATION

ALL HARDWARE TO BE SCHEDULED FOR PURPOSE, TAKING INTO CONSIDERATION BOTH ENVIRONMENT AND BIMETALLIC REACTIONS. FASTENERS TYPICALLY SUPPLIED IN GRADE A2 & A4 STAINLESS STEEL. ALL GASKETS AND TAPES TO HAVE A COMPOSITION SUITABLE FOR CLIMATIC CONDITIONS AND UV LIGHT IN ACCORDANCE WITH BS4255. SILICONES TO BE SUPPLIED AS LOW MODULUS, NEUTRAL CURE (TYPE A) IN ACCORDANCE WITH BS5889 UNLESS OTHERWISE NOTED.

### UPSTAND/APERURE SPECIFICATION

ALL UPSTANDS/APERTURES TO BE PROVIDED WITHIN A TOLERANCE OF +/10mm TO THE DIMENSIONS STATED (TAKING INTO CONSIDERATION THE
SQUARENESS OF THE STRUCTURE). ANY DIFFERING TOLERANCE
REQUIREMENTS AS INDICATED. ALL UPSTANDS/APERTURES TO BE SUITABLE
FOR SEALING WHERE INDICATED AND STRUCTURALLY ADEQUATE FOR THE

# CLIENT

CONTRACT SALES DETAIL

JOB REF SD ISSUE A NEW DRAWING ISSUE ISSUE B NAME DATE

ISSUE C

NAME DATE ISSUE D

ISS.

PLAN, ELEVATIONS AND DETAILS FOR 4 NO WALK ON ROOFLIGHTS

DRG No. SD-WORL-001

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it is Cambs Glass policy to continually develop and improve our designs and products therefore reserve the right to modify or change the detail design at our discretion and

### SPECIFICATION

#### GLASS SPECIFICATION

6mm CLEAR TOUGHENED LOW E 16mm BLACK SILICONE SEALED SPACER 25.5mm CLEAR TOUGHENED/LAMINATED OUTER

ALL GLASS CONFORMING TO IMPACT RESISTANCE AND BREAKAGE CHARACTERISTICS OF BS6206, WITH ALL GLASS UNITS FABRICATED TO BS5713A AND IN ACCORDANCE WITH BS6262

#### FINISH SPECIFICATION

POLYESTER POWER COATED TO ANY STANDARD RAL REFERANCE

ALL ALUMINIUM EXTRUSIONS TO COMPLY WITH BS1474 AND ALUMINIUM SHEET/PLATE TO BS EN 485, 515 & 573. TYPICALLY PROVIDED IN GRADES 6063 & 6082 (EXTRUSIONS) AND S1CH4 & NS4 (SHEET/PLATE). ALL MILD STEEL COMPONENTS TO BE GALVANISED, ZINC COATED OR RED OXIDE PRIMED PRIOR TO FINISH APPLICATION. ALL STAINLESS STEEL COMPONENTS PROVIDED IN GRADE 304 STAINLESS STEEL UNLESS OTHERWISE NOTED. EXTREME ENVIRONMENTS (INC. MARINE) MUST BE HIGHLIGHTED AT SALES OR DESIGN STAGE.

### HARDWARE SPECIFICATION

ALL HARDWARE TO BE SCHEDULED FOR PURPOSE, TAKING INTO CONSIDERATION BOTH ENVIRONMENT AND BIMETALLIC REACTIONS. FASTENERS TYPICALLY SUPPLIED IN GRADE A2 & A4 STAINLESS STEEL. ALL GASKETS AND TAPES TO HAVE A COMPOSITION SUITABLE FOR CLIMATIC CONDITIONS AND UV LIGHT IN ACCORDANCE WITH BS4255. SILICONES TO BE SUPPLIED AS LOW MODULUS, NEUTRAL CURE (TYPE A) IN ACCORDANCE WITH BS5889 UNLESS OTHERWISE NOTED.

## UPSTAND/APERURE SPECIFICATION

ALL UPSTANDS/APERTURES TO BE PROVIDED WITHIN A TOLERANCE OF +/10mm TO THE DIMENSIONS STATED (TAKING INTO CONSIDERATION THE
SQUIARENESS OF THE STRUCTURE). ANY DIFFERING TOLERANCE
REQUIREMENTS AS INDICATED. ALL UPSTANDS/APERTURES TO BE SUITABLE
FOR SEALING WHERE INDICATED AND STRUCTURALLY ADEQUATE FOR THE
LOADS IMPOSED.

# CLIENT

# SALES DETAIL

| JOB REF SD  | <b>+</b> -                |
|---|---------------------------|
| ISSUE A<br>NEW DRAWING ISSUE                                | NAME AME<br>DATE 30/04/15 |
| ISSUE B   | NAME<br>DATE              |
| ISSUE C   | NAME<br>DATE              |
| ISSUE D   | NAME<br>DATE              |
| PLAN, ELEVATIONS AND DETAILS<br>FOR 4 NO WALK ON ROOFLIGHTS |                           |

DRG No. SD-WORL-002 ISS.

PERIMETER BLACK SILICONE SEAL SPECIALIST STRUCTURAL GLAZING DETAIL LINE DENOTES AREA OF GLASS TO BE BLACK PRIMED ROOFLIGHT 1 = 3375.5 O/ALL ROOFLIGHT ROOFLIGHT 2 = 2935 O/ALL ROOFLIGHT ROOFLIGHT3 = 2975 O/ALL ROOFLIGHT 175 PRIMMER 14.5 14.5 COVER 61 POLYESTER POWDER COATED FRAMEWORK 50.800 23 10 NOM 150 UPSTAND 101.600 ROOFLIGHT 1 = 3330 O/ALL UPSTAND ROOFLIGHT 2 = 2890 O/ALL UPSTAND ROOFLIGHT 3 = 2927 O/ALL UPSTAND UPSTAND, WEATHERING AND INTERNAL FINISHES BY OTHERS

**SECTION A-A** 



UNIT 3 SWAN LANE FAX -+44 (0)1638 667 600 EXNING

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it is Cambs Glass policy to continually develop and improve our designs and products, therefore reserve the right to modify or change the detail design at our discretion and

### SPECIFICATION

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POLYESTER POWER COATED TO ANY STANDARD RAL REFERANCE POLYESTER POWER COATING, MINIMUM THICKNESS OF 40 MICRONS.

#### FRAMEWORK SPECIFICATION

ALL ALUMINIUM EXTRUSIONS TO COMPLY WITH BS1474 AND ALUMINIUM
SHEET/PLATE TO BS EN 485, 518 & 573. TYPICALLY PROVIDED IN GRADES
6083 & 6082 (EXTRUSIONS) AND S1CH4 & NS4 (SHEET/PLATE). ALL MILD STEEL
COMPONENTS TO BE GALVANISED, ZINC COATED OR RED OXIDE PRIMED
PRIOR TO FINISH APPLICATION. ALL STAINLESS STEEL COMPONENTS
PROVIDED IN GRADE 304 STAINLESS STEEL UNLESS OTHERWISE NOTED.
EXTREME ENVIRONMENTS (INC. MARINE) MUST BE HIGHLIGHTED AT SALES
OR DESIGN STAGE.

#### HARDWARE SPECIFICATION

ALL HARDWARE TO BE SCHEDULED FOR PURPOSE, TAKING INTO CONSIDERATION BOTH ENVIRONMENT AND BIMETALLIC REACTIONS. FASTENERS TYPICALLY SUPPLIED IN GRADE A2 & A4 STAINLESS STEEL. ALL GASKETS AND TAPES TO HAVE A COMPOSITION SUITABLE FOR CLIMATIC CONDITIONS AND UV LIGHT IN ACCORDANCE WITH BS4255. SILICONES TO BE SUPPLIED AS LOW MODULUS, NEUTRAL CURE (TYPE A) IN ACCORDANCE WITH BS5889 UNLESS OTHERWISE NOTED.

### UPSTAND/APERURE SPECIFICATION

ALL UPSTANDS/APERTURES TO BE PROVIDED WITHIN A TÖLERANCE OF +/10mm TO THE DIMENSIONS STATED (TAKING INTO CONSIDERATION THE
SQUARENESS OF THE STRUCTURE), ANY DIFFERING TOLERANCE
REQUIREMENTS AS INDICATED, ALL UPSTANDS/APERTURES TO BE SUITABLE
FOR SEALING WHERE INDICATED AND STRUCTURALLY ADEQUATE FOR THE
LOADS IMPOSED.

# CLIENT

#### CONTRACT SALES DETAIL

| JOB REF SD                   | •                         |
|------------------------------|---------------------------|
| ISSUE A<br>NEW DRAWING ISSUE | NAME AME<br>DATE 30/04/15 |
| ISSUE B                      | NAME<br>DATE              |
| ISSUE C                      | NAME<br>DATE              |
| ISSUE D                      | NAME<br>DATE              |
| PLAN, ELEVATIONS AND DETAILS |                           |

FOR 4 NO WALK ON ROOFLIGHTS

DRG No. SD-WORL-003

ISS.

**SECTION B-B** 

