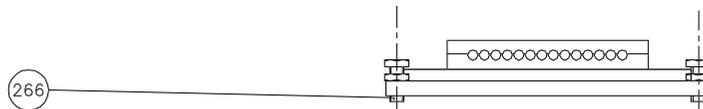
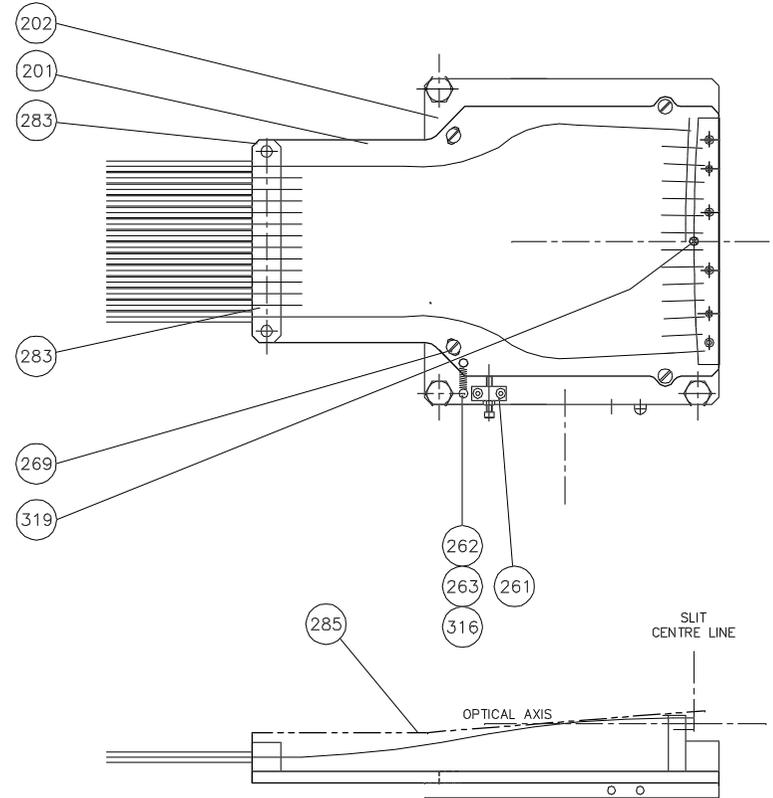


REMOVE ALL BURRS AND SHARP EDGES

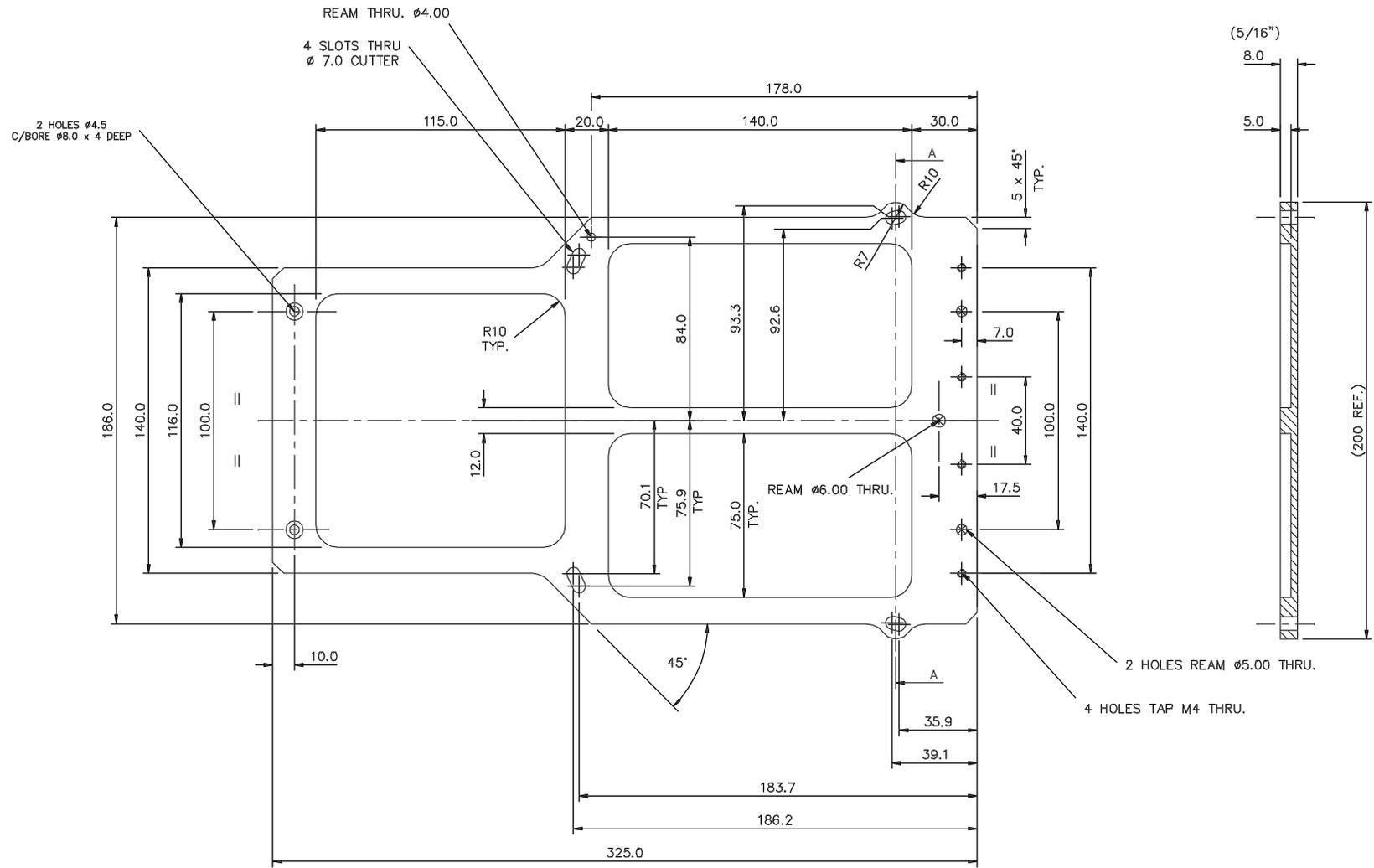
| DRAWING NUMBER | N ^O . OF SHEETS | GA ITEM N ^O . | DRAWING TITLE OR COMPONENT NAME | N ^O . OFF | MATERIAL STOCK OR ORDER No. AND DATE | REMARKS | ISSUE DATE | ISSUED TO | FINISH DATE |
|----------------|----------------------------|--------------------------|--------------------------------------|----------------------|----------------------------------------------------------------|---------|------------|-----------|-------------|
| / BL / 200a | 1 | | Facet block fibre assembly | | | | | | |
| W/ BL / 201 | 1 | 201 | FACET PLATE ORIGINAL | 1 | CAST AL. TOOLING PLATE | | | | |
| W/ BL / 202 | 1 | 202 | FIBRE BASE PLATE | 1 | II | | | | |
| W/ BL / 201a | 1 | 201 | FACET PLATE ENHANCEMENT | | CAST AL. TOOLING PLATE | | | | |
| W/ BL / 256 | | | | | | | | | |
| / / 257 | | | | | | | | | |
| / / 258 | | | | | | | | | |
| / / 259 | | | | | | | | | |
| / / 260 | | | | | | | | | |
| / / 261 | | | 261 ADJUSTER BLOCK | 1 | 6082 AL.ALLOY | | | | |
| W/ BL / 262 | | | 262 SPRING POST | 1 | ST.STEEL | | | | |
| / / 263 | | | 263 SPRING POST | 1 | II | | | | |
| / / 264 | | | | | | | | | |
| / / 265 | | | | | | | | | |
| / / 266 | | | 266 ADJUSTING SCREW with locking nut | 3 | II | | | | |
| / / 267 | | | | | | | | | |
| W/ BL / 268 | | | | | | | | | |
| / / 269 | | | 269 SHOULDER SCREW | 4 | ST.STEEL | | | | |
| | | | 316 SPRING - TENSION | 1 | 6.35 OD SS. POSSIBLES - LEE LE-029C-00, LE-031C-00, LE-034C-00 | | | | |
| | | | 317 DOWEL - Ø4 x 15 LONG | 1 | ST.STL. | | | | |
| | | | 318 DOWEL - Ø6 x 30 LONG | 1 | ST.STL. | | | | |
| | | | 319 DOWEL - Ø6 x 15 LONG | 1 | ST.STL. | | | | |

NB item 285 is the fibre cover which is made to measure.



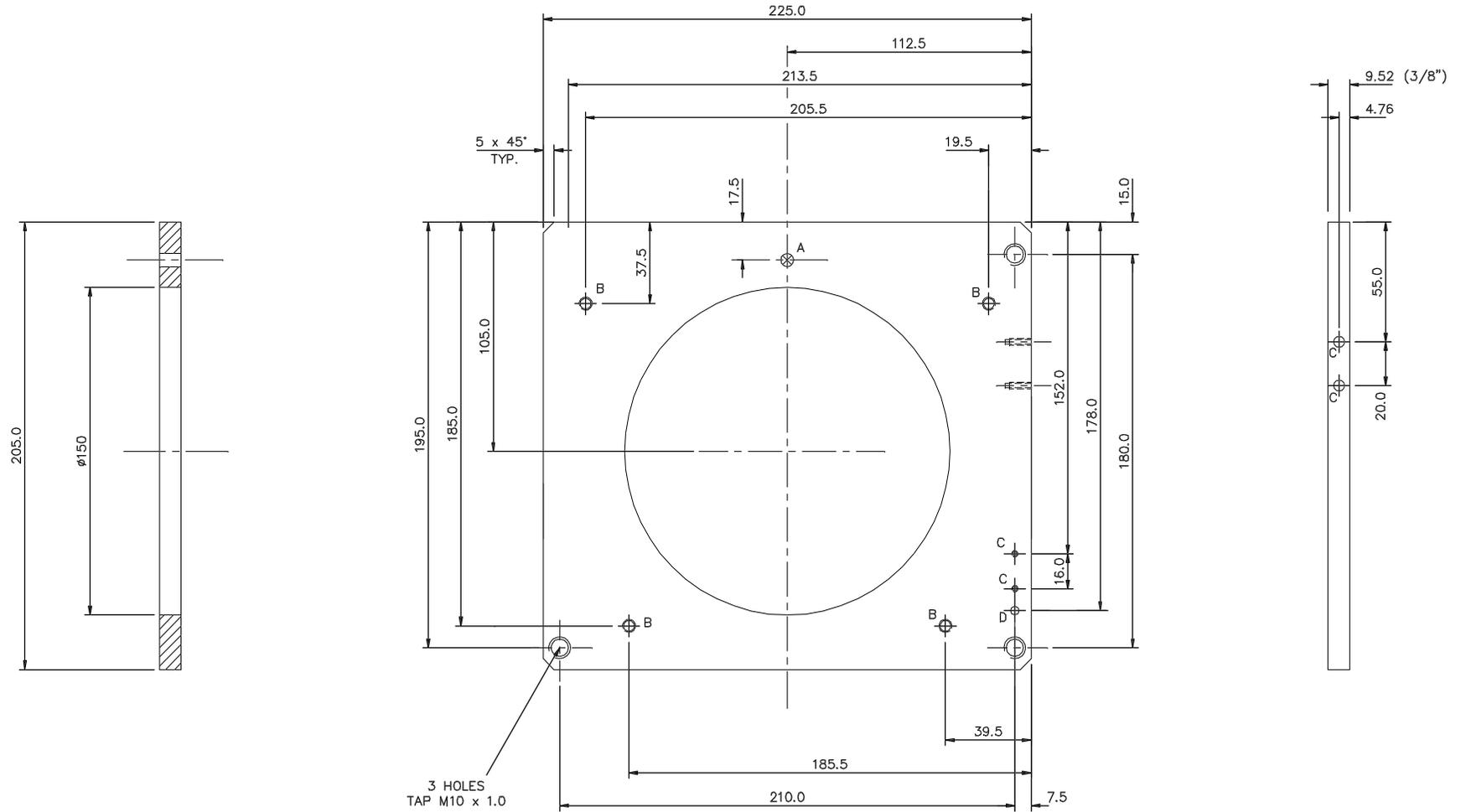
| Tolerance (Unless otherwise stated) | | | | Material | | Dimns.in m.m. | | Scale 1:1 | | THIRD ANGLE PROJECTION | | GA No. V/BL/200 | |
|-------------------------------------|--------|------|----------|----------|--------|---------------|----------|-----------|-----|------------------------|---------|------------------------------------------------------------------------------|--|
| X | + | - | | | | | | | | | | | |
| X.X | + | - | | | | | | | | | | | |
| X.XX | + | - | | | | | | | | | | | |
| ANG. | + | - | | | | | | | | | | | |
| Issue | Mod.No | Date | Drawn by | Issue | Mod.No | Date | Drawn by | 1 | OFF | DRG.No. | No.Req. | Title | |
| | | | | | | | | | | | | 4.2m WYFFOS - SLIT UNIT FACET PLATE GENERAL ASSY | |
| | | | | | | | | | | | | Drawing No. W/BL/200a | |
| | | | | | | | | | | | | ISSAC NEWTON GROUP OF TELESCOPES SANTA CRUZ DE LA PALMA CANARY ISLANDS SPAIN | |

REMOVE ALL BURRS AND SHARP EDGES



| | | | | | | | | | | | | |
|-------|--------|------|----------|--------|--------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------|----------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------|
| | | 2 | | DEC.92 | AJW | Tolerance (Unless otherwise stated) X +/- XX +/- 0,1 XXX +/- 0,01 ANG +/- | Material AL ALLOY TOOLING PLATE Finish MATT BLK,ANODISE | 1 OFF | | Dimns.in m.m. Scale 1:1 ROYAL GREENWICH OBSERVATORY MADINGLEY ROAD CAMBRIDGE CB3 0EZ | THIRD ANGLE PROJECTION Title 4.2m WYFFOS - SLIT UNIT FACET PLATE | GA No. V/BL/200 Drawing No. W/BL/201 |
| | | 1 | | OCT.92 | AJW | | | Drg.No. | No.Req. | | | |
| Issue | Mod.No | Date | Drawn by | Issue | Mod.No | | | Date | Drawn by | | | |

REMOVE ALL BURRS AND SHARP EDGES

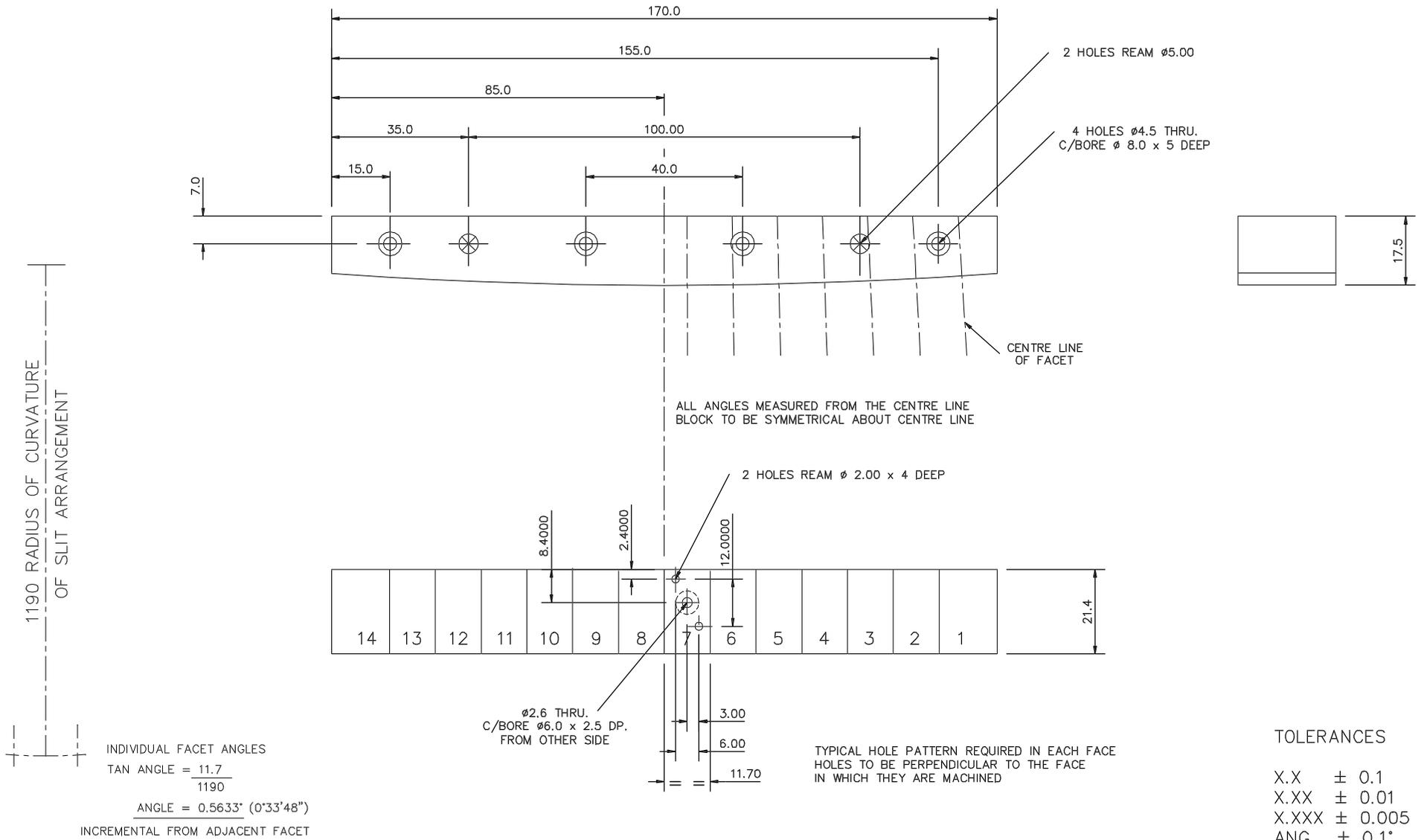


| HOLE | QTY. | DESCRIPTION |
|------|------|---------------------|
| A | 1 | REAM THRU. ø6.00 |
| B | 4 | TAP THRU. M4 |
| C | 2 | REAM ø5.00 x 8 DEEP |
| D | 1 | REAM THRU. ø4.00 |

| | | | | | | | | | | | | | |
|-------|--------|------|----------|-------|--------|--------|----------|-------------------------------------|------------------|---------------|---------|-----------------------------|-------------|
| Issue | Mod.No | Date | Drawn by | Issue | Mod.No | Date | Drawn by | Tolerance (Unless otherwise stated) | Material | Dimns.in m.m. | Scale | THIRD ANGLE PROJECTION | GA No. |
| | | | | 2 | | DEC.92 | AJW | X +/- | AL ALLOY | | 1:1 | | V/BL/200 |
| | | | | 1 | | OCT.92 | AJW | X.X +/- 0.1 | TOOLING PLATE | 1 OFF | | ROYAL GREENWICH OBSERVATORY | |
| | | | | | | | | XX +/- 0.01 | Finish | Drg.No. | No.Req. | MADINGLEY ROAD | Drawing No. |
| | | | | | | | | ANG +/- | MATT BLK,ANODISE | Used on | | CAMBRIDGE | W/BL/202 |
| | | | | | | | | | | | | 4.2m WYFFOS – SLIT UNIT | |
| | | | | | | | | | | | | FIBRE BASE PLATE | |

Drawing No.

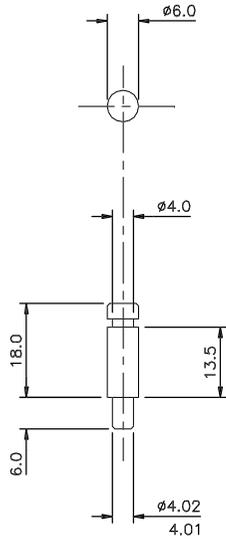
A3/BL/125



| | | | | | | | | | |
|-------|--------|----------|-------------------------------------|---------------|---------|-----------------------------|-----------|------------------------------------|--------------------------|
| | | | Tolerance (Unless otherwise stated) | Material | | Dims in mm | Scale 1:1 | THIRD ANGLE PROJECTION | GA.No. |
| 2 | OCT.94 | AJW | X +/- | BRASS | | ROYAL GREENWICH OBSERVATORY | | Title WYFFOS SLIT - FACET BLOCK | Drawing No. A3/BL/125 |
| 1 | MAR.92 | AJW | X.X +/- | Finish | Drg.No. | MADINGLEY ROAD | | | |
| Issue | Date | Drawn by | X.XX +/- | 1.6/ ALL OVER | No.Req. | CAMBRIDGE CB3 OEZ | | | |
| | | | ANG. +/- | | Used on | | | | |

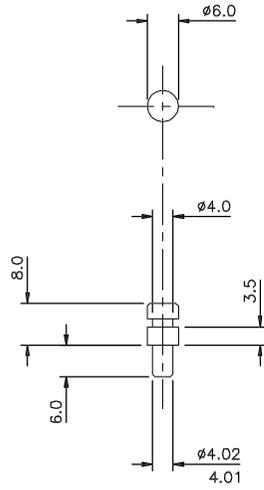
Drawing No.
W/BL/262-7

Only this item required for facet plate to integrate with existing slit mount.

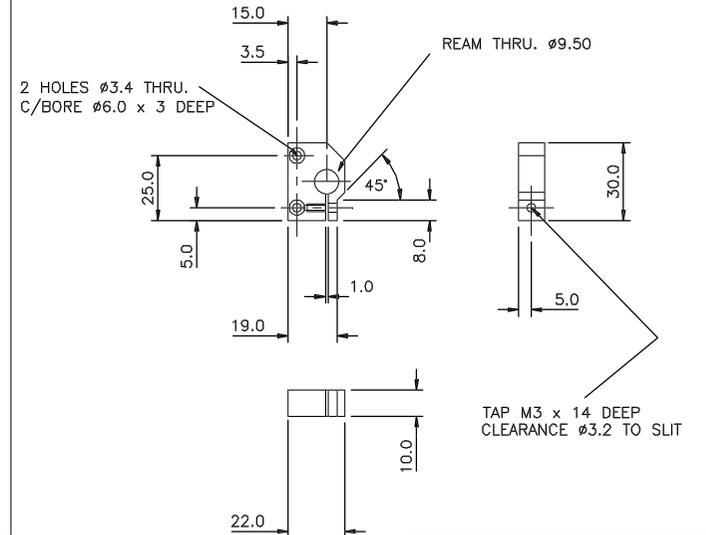


| TITLE | | DISC. REF. |
|-----------------|--------------------|--------------|
| 262 SPRING POST | | |
| MATERIAL | SCALE | TOLERANCES ± |
| ST.STL. | 2:1 | X 0.1 |
| FINISH | No. REQD. PER UNIT | X.X X.XX |
| BLK.NICKEL PL | 1 OFF | |
| G.A. No. | DRAWING No. | |
| V/BL/200 | W/BL/262 | |

Only this item required for facet plate to integrate with existing slit mount.



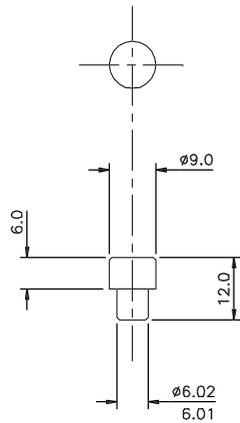
| TITLE | | DISC. REF. |
|-----------------|--------------------|--------------|
| 263 SPRING POST | | |
| MATERIAL | SCALE | TOLERANCES ± |
| ST.STL. | 2:1 | X 0.1 |
| FINISH | No. REQD. PER UNIT | X.X X.XX |
| BLK.NICKEL PL | 1 OFF | |
| G.A. No. | DRAWING No. | |
| V/BL/200 | W/BL/262 | |



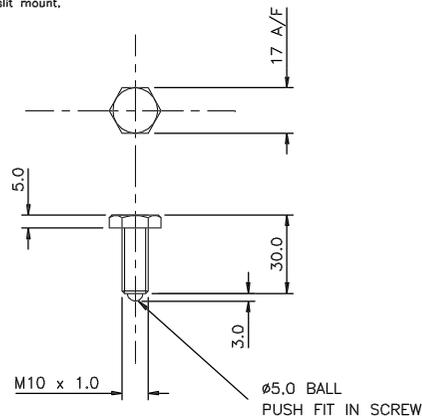
| TITLE | | DISC. REF. |
|----------------------|--------------------|--------------|
| 264 MICROMETER BLOCK | | |
| MATERIAL | SCALE | TOLERANCES ± |
| 6062 AL.ALLOY | 1:1 | X 0.1 |
| FINISH | No. REQD. PER UNIT | X.X X.XX |
| MATT BLK.ANODISE | 1 OFF | |
| G.A. No. | DRAWING No. | |
| V/BL/200 | W/BL/264 | |

Also three S/S lock nuts required 4mm thick.

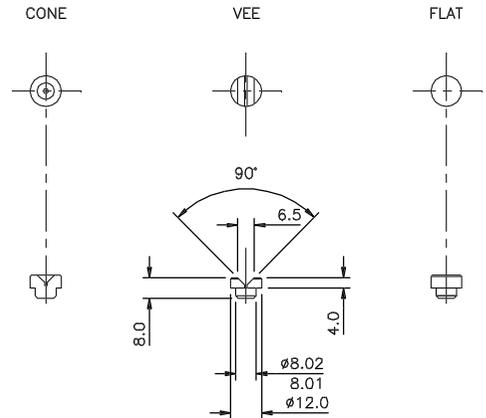
Only this item required for facet plate to integrate with existing slit mount.



| TITLE | | DISC. REF. |
|--------------------|--------------------|--------------|
| 265 MICROMETER PAD | | |
| MATERIAL | SCALE | TOLERANCES ± |
| ST.STL. | 2:1 | X 0.1 |
| FINISH | No. REQD. PER UNIT | X.X X.XX |
| CLEAN | 1 OFF | |
| G.A. No. | DRAWING No. | |
| V/BL/200 | W/BL/265 | |



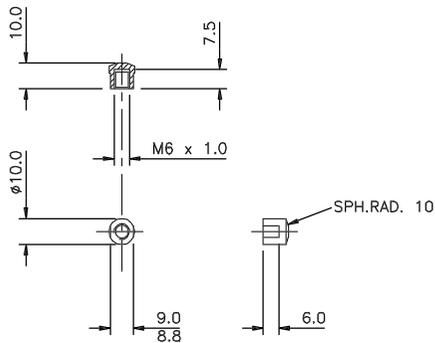
| TITLE | | DISC. REF. |
|---------------------|--------------------|--------------|
| 266 ADJUSTING SCREW | | |
| MATERIAL | SCALE | TOLERANCES ± |
| ST.STL. | 1:1 | X 0.1 |
| FINISH | No. REQD. PER UNIT | X.X X.XX |
| CLEAN | 3 OFF | |
| G.A. No. | DRAWING No. | |
| V/BL/200 | W/BL/266 | |



| TITLE | | DISC. REF. |
|--------------------|--------------------|--------------|
| 267 KINEMATIC SEAT | | |
| MATERIAL | SCALE | TOLERANCES ± |
| ST.STL. | 1:1 | X 0.1 |
| FINISH | No. REQD. PER UNIT | X.X X.XX |
| CLEAN | 1 OFF EACH | |
| G.A. No. | DRAWING No. | |
| V/BL/200 | W/BL/267 | |

| Issue | Mod.No | Date | Drawn by | Issue | Mod.No | Date | Drawn by | Tolerance (Unless otherwise stated) | Material | Dimns.in | m.m. | Scale | Title | GA No. | V/BL/200 |
|-------|--------|------|----------|-------|--------|--------|----------|-------------------------------------|-----------------------------|----------|------|-------|-------------------------|--------|------------|
| | | | | 1 | | DEC.91 | AJW | X +/- | | | | | THIRD ANGLE PROJECTION | | |
| | | | | | | | | X.X +/- | Royal Greenwich Observatory | | | | 4.2m WYFFOS - SLIT UNIT | | |
| | | | | | | | | X.XX +/- | MADINGLEY ROAD | | | | DETAILS | | |
| | | | | | | | | ANG. +/- | CAMBRIDGE | CB3 0EZ | | | | | W/BL/262-7 |

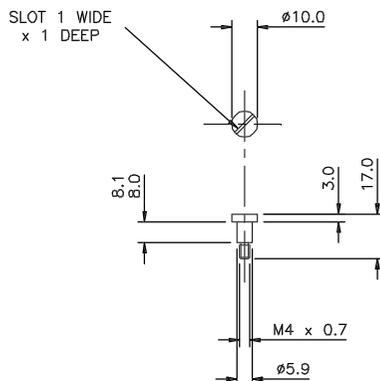
Drawing No.
W/BL/268-



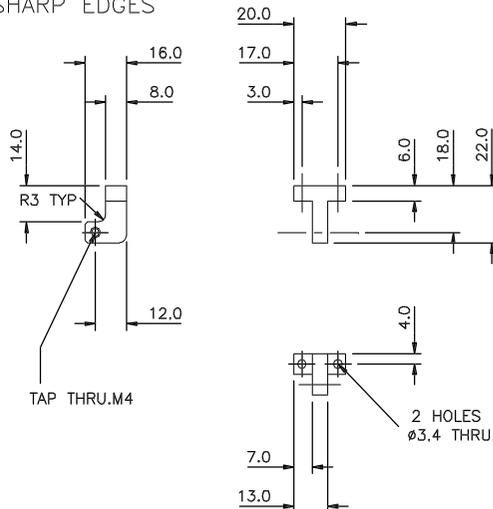
| | | | | | |
|------------------|--------------------|------------|--|------------|--|
| 268 | | TITLE | | DISC. REF. | |
| END CAP - PISTON | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| BRASS | 1:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| CLEAN | 1 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/268 | | | | |

REMOVE ALL SHARP EDGES

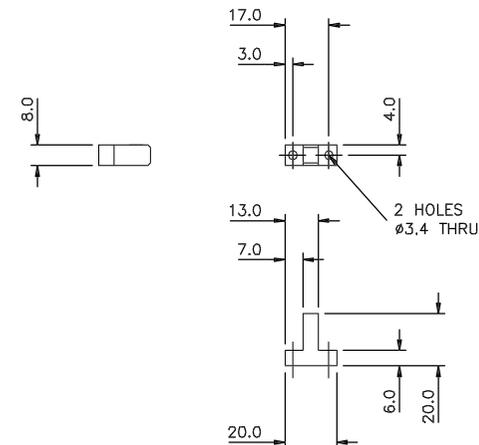
Only this item required for facet plate to integrate with existing slit mount.



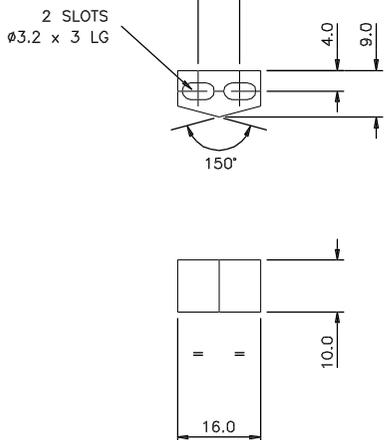
| | | | | | |
|----------------|--------------------|------------|--|------------|--|
| 269 | | TITLE | | DISC. REF. | |
| SHOULDER SCREW | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| ST.STL | 1:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| CLEAN | 4 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/269 | | | | |



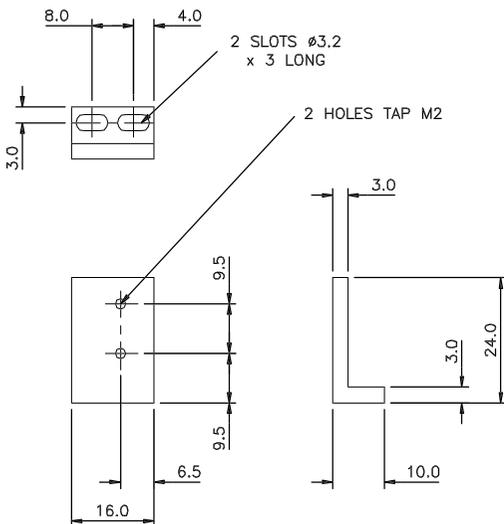
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|------------------|--------------------|------------|--|------------|--|
| 270 | | TITLE | | DISC. REF. | |
| STOP BRACKET | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| 6082 AL.ALLOY | 1:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| MATT BLK.ANODISE | 2 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/270 | | | | |



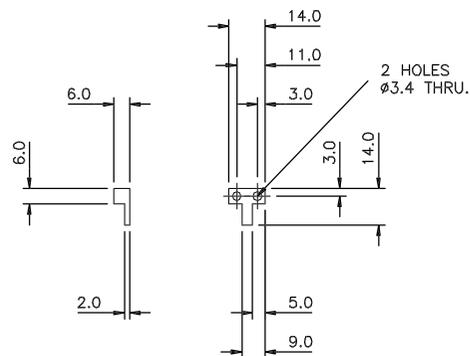
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|--------------|--------------------|------------|--|------------|--|
| 271 | | TITLE | | DISC. REF. | |
| STOP BRACKET | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| ST.STL | 1:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| CLEAN | 1 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/271 | | | | |



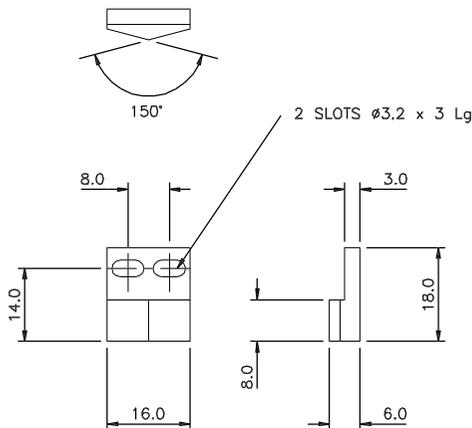
| | | | | | |
|-------------------|--------------------|------------|--|------------|--|
| 272 | | TITLE | | DISC. REF. | |
| FLAG MICRO SWITCH | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| 6082 AL.ALLOY | 2:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| MATT BLK.ANODISE | 2 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/272 | | | | |



| | | | | | |
|----------------------|--------------------|------------|--|------------|--|
| 273 | | TITLE | | DISC. REF. | |
| MICRO SWITCH BRACKET | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| 6082 AL.ALLOY | 2:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| MATT BLK.ANODISE | 2 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/273 | | | | |



| | | | | | |
|----------------|--------------------|------------|--|------------|--|
| 274 | | TITLE | | DISC. REF. | |
| SWITCH FLAG | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| MILD STEEL | 1:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| BLK.NICKEL PL. | 1 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/274 | | | | |



| | | | | | |
|-------------------|--------------------|------------|--|------------|--|
| 275 | | TITLE | | DISC. REF. | |
| FLAG MICRO SWITCH | | | | | |
| MATERIAL | SCALE | TOLERANCES | | | |
| 6082 AL.ALLOY | 2:1 | ± | | | |
| FINISH | No. REQD. PER UNIT | X | | 0.1 | |
| MATT BLK.ANODISE | 2 OFF | X.X | | X.XX | |
| G.A. No. | DRAWING No. | | | | |
| V/BL/200 | W/BL/275 | | | | |

| | | | | | | | | | | | |
|-------------------------------------|--|----------|--|-------------------|--|-----------------------------|--|-------------------------|--|-----------------|--|
| Tolerance (Unless otherwise stated) | | Material | | Dimns. in m.m. | | Scale | | THIRD ANGLE PROJECTION | | GA No. V/BL/200 | |
| | | | | | | | | | | Drawing No. | |
| | | Finish | | Drg.No. No.Reg. | | ROYAL GREENWICH OBSERVATORY | | Title | | W/BL/268- | |
| | | Used on | | CAMBRIDGE CB3 0EZ | | | | 4.2m WYFFOS - SLIT UNIT | | | |
| | | | | | | | | DETAILS | | | |