

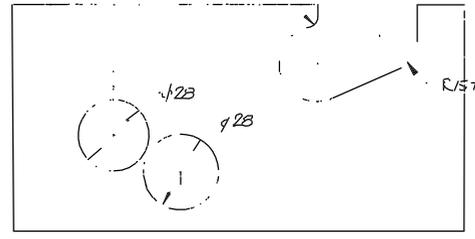
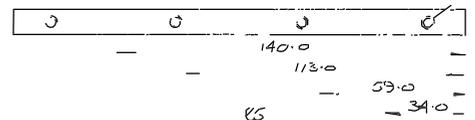
Drawing No. W/H/C/076-82

3 HOLE DIA 11 (7.11) M.S. 12 LP

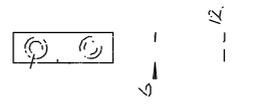
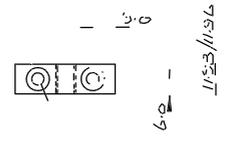
40
31.0

40
31.0
9.0

165.0 115.0 65.0 15.0



165.0 115.0 65.0 15.0
130

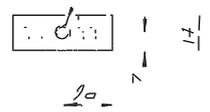
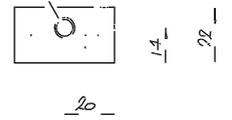


1 HOLE M.S. THRU

2 HOLE DIA 3 THRU
20.0 DIA 3.0 x 5.5 DP

2 HOLE DIA 3 THRU
20.0 DIA 3.0 x 5.5 DP

1 HOLE M.S. THRU



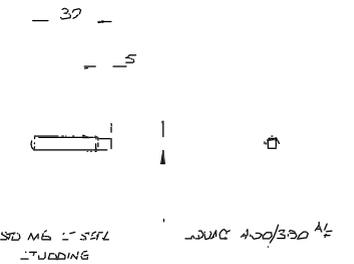
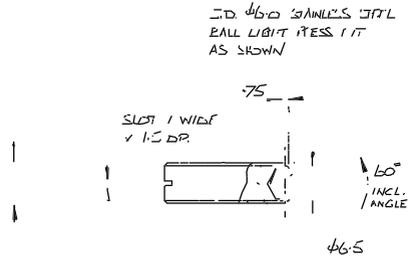
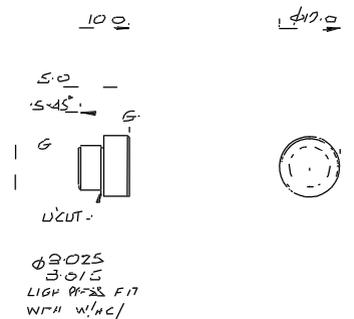
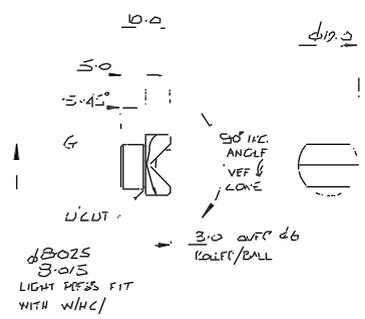
* DIM. TO IF IDENTICAL

NOTE!
1 OFF AS DRAWN
1 OFF - WITH 4 CUT-OUTS
OMMITTED.

TITLE UPRIGHT		
MATERIAL ALUM. ALLOY	SCALE 1:1	TOLERANCES X ±.5 XXX ±.2
FINISH MAT. BY ANODISE	NO REQ. PER UNIT SEE NOTE.	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/076	

TITLE BLOC		
MATERIAL ALUM. ALLOY	SCALE 1:1	TOLERANCES X ±.5 XXX ±.2
FINISH MAT. BY ANODISE	NO REQ. PER UNIT 3	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/077	

TITLE CEILING LOCK		
MATERIAL ALUM. ALLOY	SCALE 1:1	TOLERANCES X ±.5 XXX ±.2
FINISH MAT. BY ANODISE	NO REQ. PER UNIT 4	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/078	



HEAT TREATMENT
HARDEN - HEAT TO 355/1020°C. OIL IN OIL.
TEMP. - COOL FROM 600°C IN OIL

HEAT TREATMENT
SEE W/H/C/073A/B

TITLE KINEMATIC SEATING		
MATERIAL 316L STPL (AISI 316)	SCALE 2:1	TOLERANCES X ±.5 XXX ±.2
FINISH GRIND G	NO REQ. PER UNIT ONE OF EACH	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/079	

TITLE FLAT		
MATERIAL 316L STPL (AISI 316)	SCALE 2:1	TOLERANCES X ±.5 XXX ±.2
FINISH GRIND G	NO REQ. PER UNIT 1	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/080	

TITLE ADJUSTING SCREW		
MATERIAL SEE ABOVE	SCALE 2:1	TOLERANCES X ±.5 XXX ±.2
FINISH NORMAL	NO REQ. PER UNIT 3	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/031	

TITLE CEILING SLIT		
MATERIAL MILD STEEL	SCALE 1:1	TOLERANCES X ±.5 XXX ±.2
FINISH NORMAL	NO REQ. PER UNIT 1	XXX
G.A. No. W/H/C/075	DRAWING No. RGO. W/H/C/032	

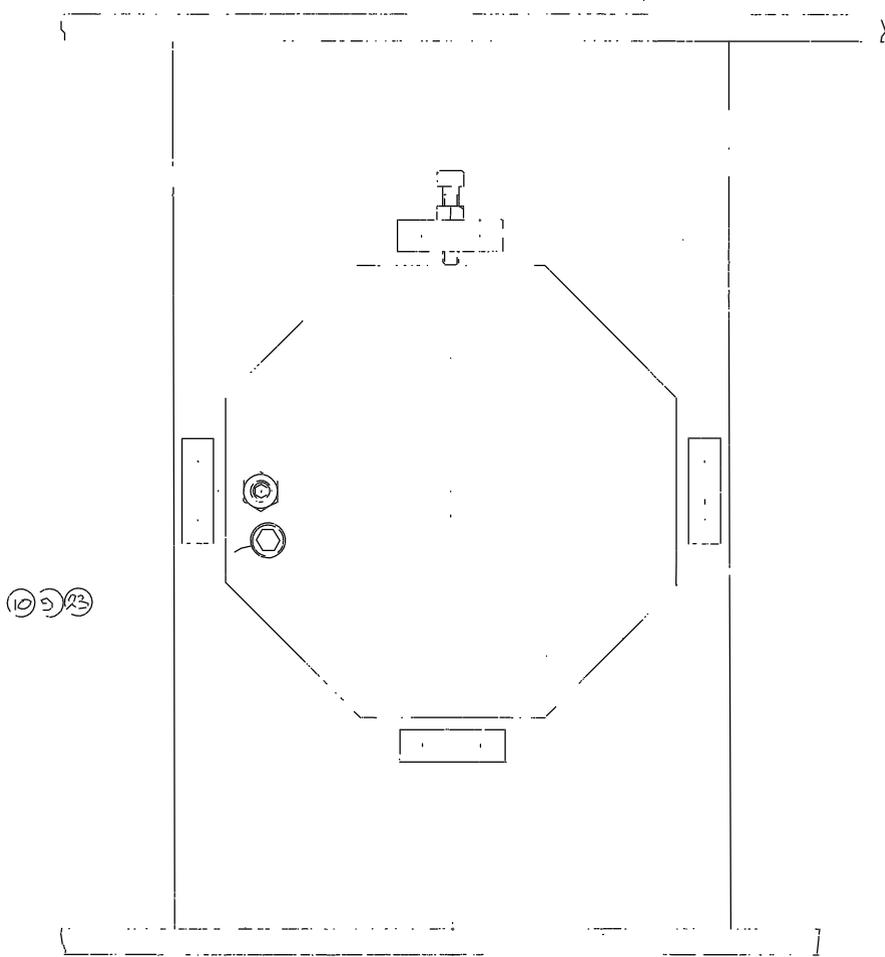
Material				Dim. in mm.		Scale		THIRD ANGLE PROJECTION				G.A. NON/W/H/C/075	
Material				Dim. No.		Scale		Title				Drawing No.	
Finish				Used on		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM, SUSSEX.		DETAILS				W/H/C/076-82	

DRAWING NUMBER	NO OF SHEETS	G.A. ITEM NO.	DRAWING TITLE OR COMPONENT NAME	QTY	MATERIAL STOCK OR ORDER NO. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
11110/S			ASSY. -						
11111/S		1	UPPER	1					
11112/S			...	1					
11113/S		1	...	1					
11114/S		1	...	1					
11115/S		1	...	1					
11116/S		1	...	1					
11117/S		1	...	1					
11118/S		1	...	1					
11119/S		1	...	1					
11120/S		1	...	1					
11121/S		1	...	1					
11122/S		1	...	1					
11123/S		1	...	1					
11124/S		1	...	1					
11125/S		1	...	1					
11126/S		1	...	1					
11127/S		1	...	1					
11128/S		1	...	1					
11129/S		1	...	1					
11130/S		1	...	1					
11131/S		1	...	1					
11132/S		1	...	1					
11133/S		1	...	1					
11134/S		1	...	1					
11135/S		1	...	1					
11136/S		1	...	1					
11137/S		1	...	1					
11138/S		1	...	1					
11139/S		1	...	1					
11140/S		1	...	1					
11141/S		1	...	1					
11142/S		1	...	1					
11143/S		1	...	1					
11144/S		1	...	1					
11145/S		1	...	1					
11146/S		1	...	1					
11147/S		1	...	1					
11148/S		1	...	1					
11149/S		1	...	1					
11150/S		1	...	1					

(1) (2) (3) (4) (5) (6)
 (1) (2) (3) (4)

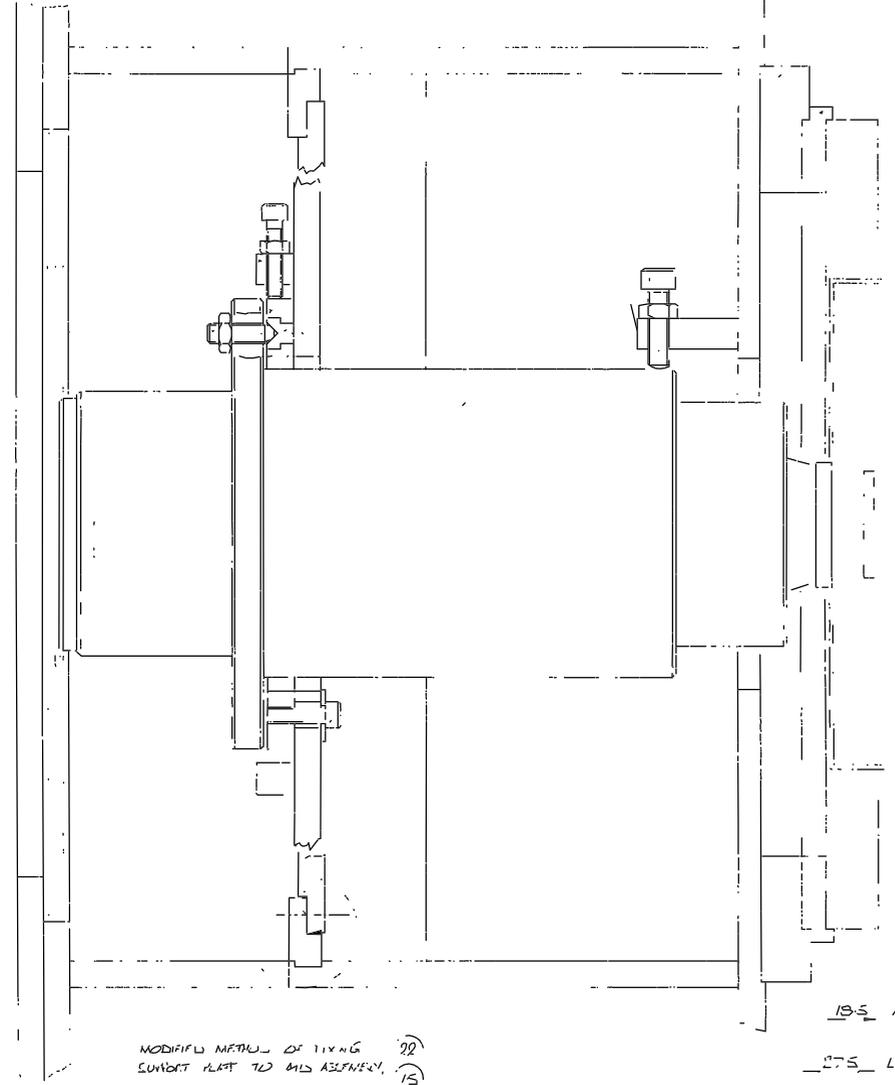
V/H/C/217 REF.

V/H/C/212 REF.



(10) (9) (23)

(12) (13) (14)



MODIFIED METHOD OF FIXING
 SUPPORT PLAT TO MID ASSEMBLY (15)

13-5 A.A.O. I.P.C.S

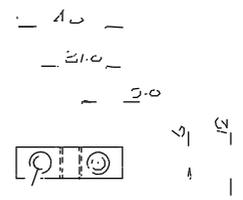
12-5 L.P.O. I.P.C.S

5067 TO T.T.L. FORM 13-5

271-5

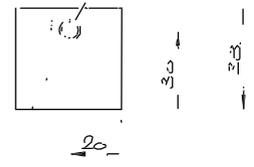
42 FT

								Tolerances (Unless otherwise stated)		Material		Dimms in m.m.		Scale 1:1		THIRD ANGLE PROJECTION		G.A. No. V/H/C/D/50	
								X ±				ROYAL GREENWICH OBSERVATORY, HERSTMONGELX CASTLE, HALLSHAM				Title		Drawing No.	
								XX ±		Orig. No.		No. Req.				CAMERA SUPPORT ASSEMBLY			
								XXX ±		Used on						L.D.S.S.		W/H/C/D/50	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By												
			2				W.H.S.S. C.R.H.												
			1				D.P.S.S. G.O.												



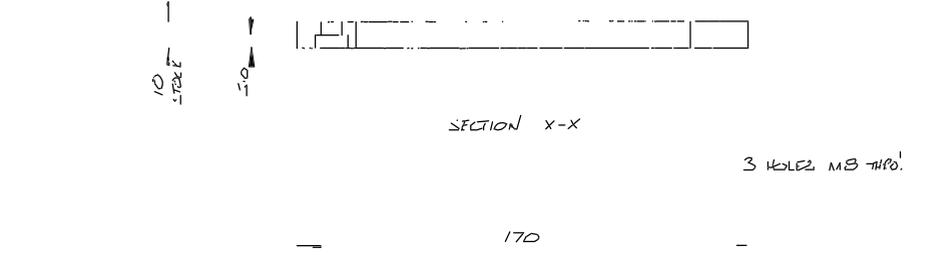
2 HOLES ϕ 5.3 THRU
1 HOLES ϕ 3.0 - 1.6 DP

TAP 11.3 THRU

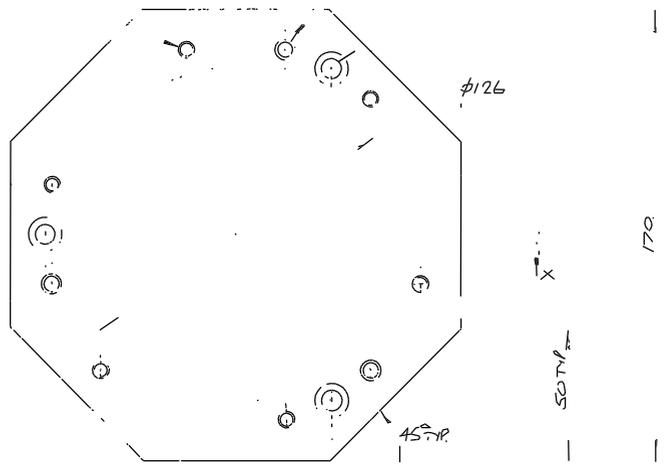


3 HOLES ϕ 8.000/3.015
ROOF ϕ 12.5 TO DEPTH
SHOWN

52		TITLE TEAR BLOCK	
MATERIAL ALUM ALLOY	SCALE 1:1	TOLERANCES ± 0.5 XXX ± 0.1	
FINISH MATT BLK ANODISE	NO REQ PER UNIT 3		
G.A. No W/HC/050	RGD	DRAWING No W/HC/052	



6 HOLES "A" MB THRU



- 154.55
- 147.35
- 135.9
- 103.64
- 85.0
- 66.37
- 34.1
- 15.45

- 130
- 154.5
- 34.1
- 66.37
- 85.0
- 103.64
- 121.0
- 135.9
- 154.55

51		TITLE SEATING PLATE	
MATERIAL ALUM ALLOY	SCALE 1:1	TOLERANCES ± 0.5 XXX ± 0.1	
FINISH MATT BLK ANODISE	NO REQ PER UNIT 1		
G.A. No W/HC/050	RGD	DRAWING No W/HC/051	

Issue	Mod. No	Date	Drawn By	Issue	Mod. No	Date	Drawn By	Tolerances (Unless otherwise stated) X ± XX ± XXX ±	Material	Finish	Dimms in m.m.	Scale	THIRD ANGLE PROJECTION	G.A. No. W/HC/050
1			JULBS GRH										ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE HAILSHAM SUSSEX.	Drawing No. W/HC/051-
													Title DETAILS CAMELIA LUTHER - L.D.S.S.	

(12)
(11)
(10)

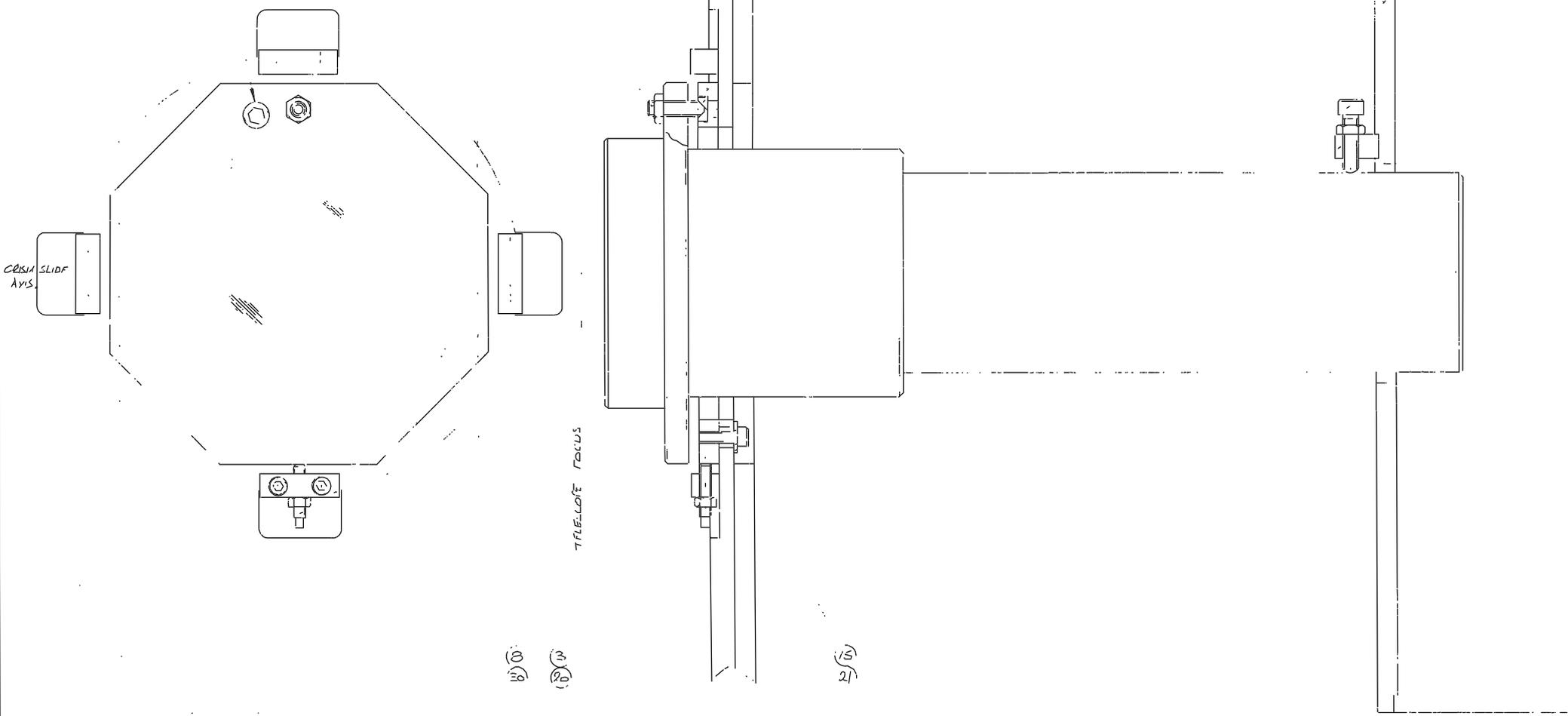
W/HC/202

W/HC/207

(1)

(3)
(7)
(6)
(5)
(4)
(10)

(24)
(2)
(23)
(9)



TELESCOPE FOCUS

COSM SLIDE
AXIS

(8)
(10)
(18)
(19)

(15)
(2)

757 1/2

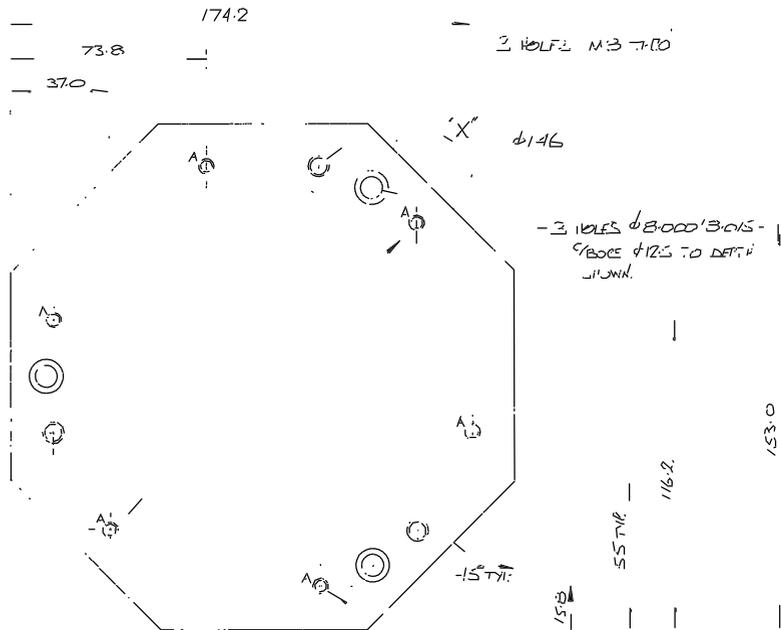
								Tolerances (Unless otherwise stated)		Material		Dimas in mm.		Scale 1:1		THIRD ANGLE PROJECTION		G.A. No. W/HC/075	
								X ±		Finish		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM				Title		Drawing No.	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	XXX ±		Drg. No.		No. Req.		L.D.S.S.		W/HC/075			
				1			COSM, GEH			Used on									

DRAWING NUMBER	at Z Z	at Z Z	G.A. Item No.	DRAWING TITLE OR COMPONENT NAME	± 0 ±	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
W/14/1000	1			A. F. E. L.						
W/14/1001	1	1		CASTING	1					
W/14/1002										
W/14/1003			2	CASTING	4					
W/14/1004			4	KINETIC FLUOR VES	1	10/1/07				
W/14/1005			5	"						
W/14/1006			6	"						
W/14/1007			7	APPROX INCL SCREEN	3					
W/14/1008			8	REFL. E. L.	2					
W/14/1009				OPTIC. WAVEFR. (FRM. L.)	2					
W/14/1010				" (M.H.F.)	2					
W/14/1011										
W/14/1012										
W/14/1013										
W/14/1014										
W/14/1015										
W/14/1016										
W/14/1017										
W/14/1018										
W/14/1019										
W/14/1020										
W/14/1021										
W/14/1022										
W/14/1023										
W/14/1024										
W/14/1025										
W/14/1026										
W/14/1027										
W/14/1028										
W/14/1029										
W/14/1030										
W/14/1031										
W/14/1032										
W/14/1033										
W/14/1034										
W/14/1035										
W/14/1036										
W/14/1037										
W/14/1038										
W/14/1039										
W/14/1040										
W/14/1041										
W/14/1042										
W/14/1043										
W/14/1044										
W/14/1045										
W/14/1046										
W/14/1047										
W/14/1048										
W/14/1049										
W/14/1050										
W/14/1051										
W/14/1052										
W/14/1053										
W/14/1054										
W/14/1055										
W/14/1056										
W/14/1057										
W/14/1058										
W/14/1059										
W/14/1060										
W/14/1061										
W/14/1062										
W/14/1063										
W/14/1064										
W/14/1065										
W/14/1066										
W/14/1067										
W/14/1068										
W/14/1069										
W/14/1070										
W/14/1071										
W/14/1072										
W/14/1073										
W/14/1074										
W/14/1075										
W/14/1076										
W/14/1077										
W/14/1078										
W/14/1079										
W/14/1080										
W/14/1081										
W/14/1082										
W/14/1083										
W/14/1084										
W/14/1085										
W/14/1086										
W/14/1087										
W/14/1088										
W/14/1089										
W/14/1090										
W/14/1091										
W/14/1092										
W/14/1093										
W/14/1094										
W/14/1095										
W/14/1096										
W/14/1097										
W/14/1098										
W/14/1099										
W/14/1100										

IDB TITLE: CASTING SUPPLY - L D S S
 HOYAL GREENWICH OBSERVATORY, HEARSTMONCEUX CASTLE, HAILSHAM, SUSSEX
 ASSY DNG NO: W/14/1050
 SHEET NO: 102/1
 DRAWN BY: [Signature]
 DATE: 10/1/07



SECTION X-X



8A		TITLE	
IRON CANTON PLATE			
MATERIAL	SCALE	TOLERANCES	
ALUM ALLOY	1:1	X ± .05	
FINISH	NO REQS PER UNIT	XX ± .02	
MAT BLK ANODISE	1	XXX ±	
D.A. No	DRAWING No		
W/HC/O34	RG O W/HC/O34		

Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By

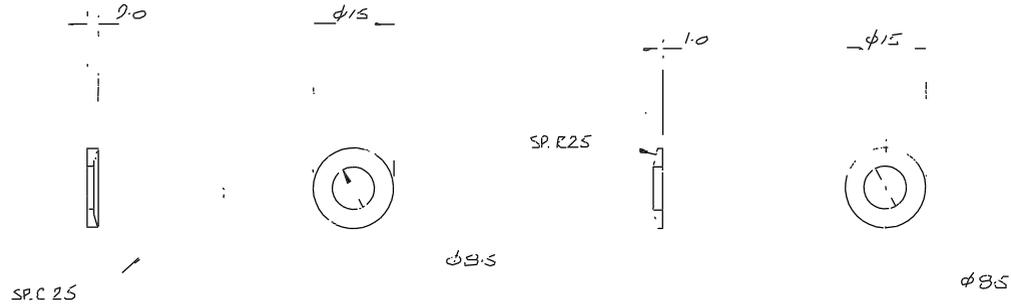
Tolerances (Unless otherwise stated)
 X ± .05
 XX ± .02
 XXX ±

Material		
Finish	Dr. No.	No. Req.
	Used on	

Dimas in m.m. Scale
 ROYAL GREENWICH OBSERVATORY,
 HERSTMONCEUX CASTLE
 HAILSHAM SUSSEX

THIRD ANGLE PROJECTION
 DETAILS
 ILLUMINATOR SUPPORT - L.D.S.S.

G.A. No. 46/O34
 Drawing No. W/HC/O34



TITLE		
11 SPHERICAL WASHFR (FEMALE)		
MATERIAL	SCALE	TOLERANCES
BRASS	2 x F.SIZE	x ± 0.5
FINISH	NO REQS PER UNIT	xx ± 0.1
NATURAL	6	xxx
G.A. No	DRAWING No	
W/HC/O7S	R.G.O. W/HC/OBS	

TITLE		
12 SPHERICAL WASHER (MALE)		
MATERIAL	SCALE	TOLERANCES
BRASS	2 x F.SIZE	x ± 0.5
FINISH	NO REQS PER UNIT	xx ± 0.1
NATURAL	6	xxx
G.A. No	DRAWING No	
W/HC/O7S	R.G.O. W/HC/OB6	

								Tolerances (Unless otherwise stated)		Material		Dimms in m.m		Scale		THIRD ANGLE PROJECTION		G.A. No. W/HC/O7S	
								X ±		Finish		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX				THIRD ANGLE PROJECTION		Drawing No.	
								XX ±		Drg. No.						DETAILS		W/HC/OSS-CBG	
								XXX ±		No. Req.						COLLIMATOR SUPPORT - L.D.S.S			
Issue	Mod. No.	Date	Drawn By	Issud	Mod. No.	Date	Drawn By			Used on									