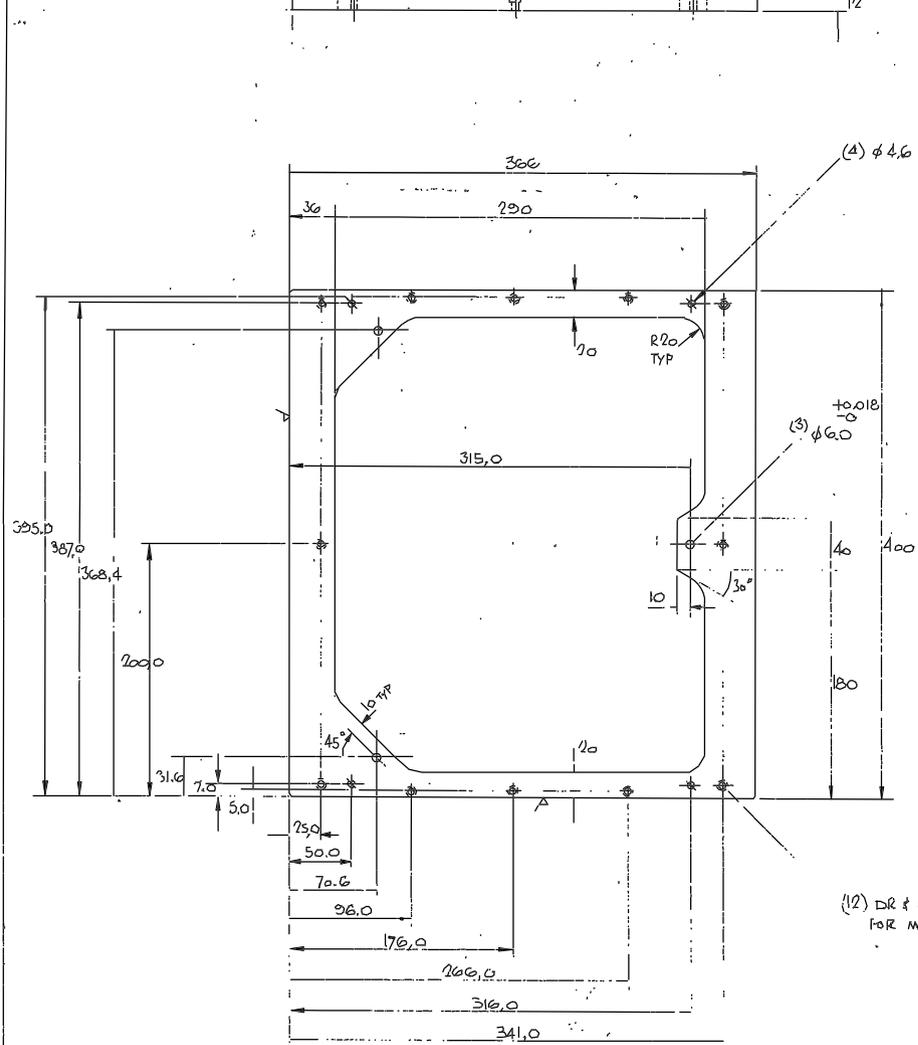
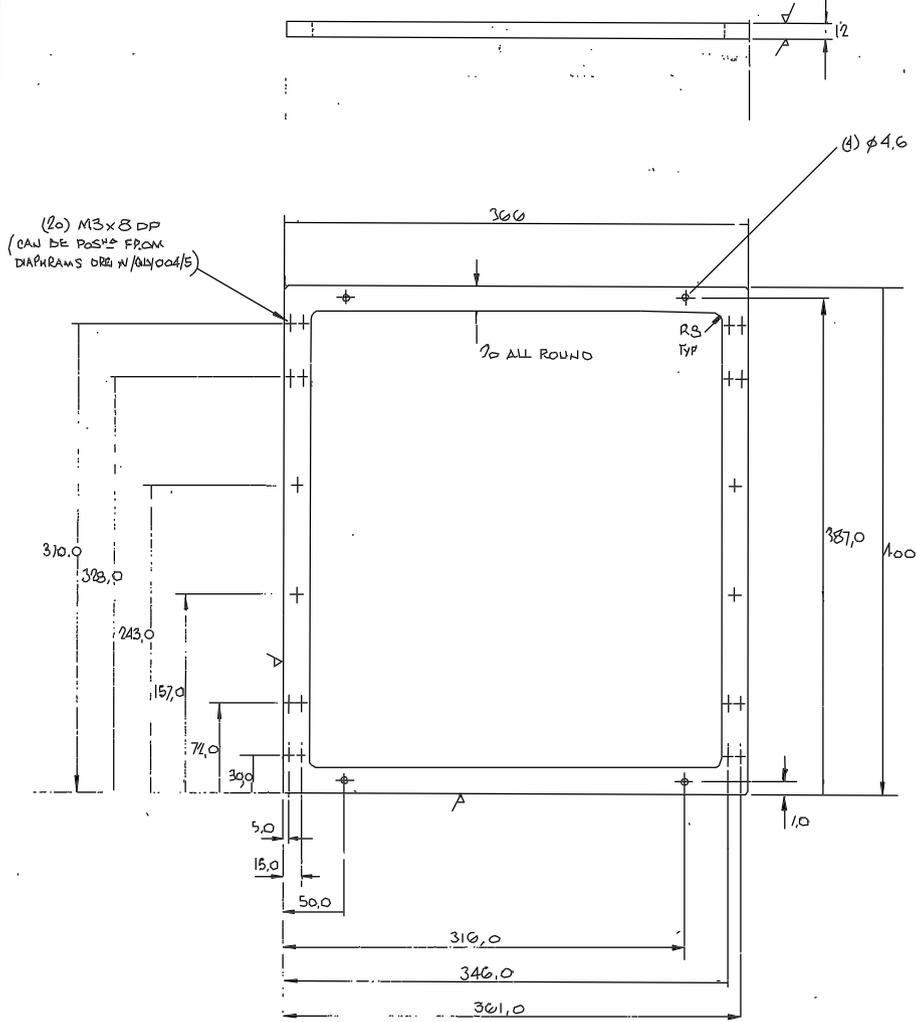


Drawing No. 005  
W/GM/000



(12) DR & C BORE U. SIDE FOR M4 CAP SCREW

5 TITLE FRAME

MATERIAL	SCALE	TOLERANCES
STAINLESS STL	1/2	x ± 0.1
FINISH	NO REQ. PER UNIT	xx ± 0.05
Blk Nic Pqt		xxx
C.A. No.	DRAWING No.	
	R.G.O. W/GM/005	

6 TITLE PLATE

MATERIAL	SCALE	TOLERANCES
'ALCOA' PLT	1/2	x ± 0.1
FINISH	NO REQ. PER UNIT	xx ± 0.05
MAT BLK ANODISE		xxx
C.A. No.	DRAWING No.	
	R.G.O. W/GM/006	

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

Tolerances (Unless otherwise stated)

x ±  
xx ±  
xxx ±

Material	Finish	Dwg. No.	No. Req.	Used on

Dim in m.m. Scale

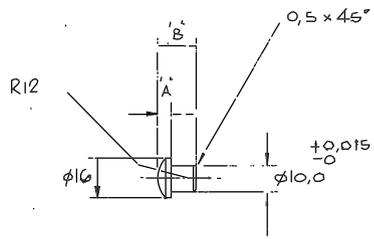
ROYAL GREENWICH OBSERVATORY,  
HERSTMONCEUX CASTLE,  
HAILSHAM SUSSEX

THIRD ANGLE PROJECTION

DETAILS

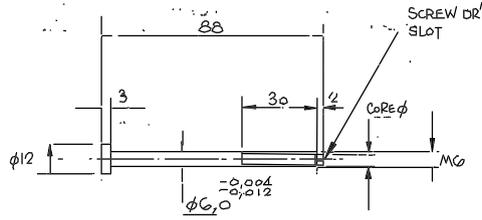
Drawing No. 005  
W/GM/000

Drawing No. 048  
 W/GM/ 056

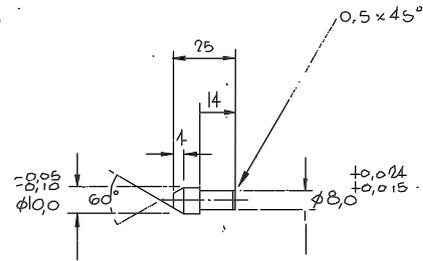


2 OFF - ITEM 48 A = 5.0 B = 15  
 1 OFF - ITEM 49 A = 11.0 B = 21

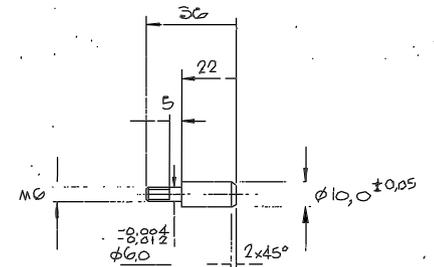
TITLE		
48 49 BUTTON		
MATERIAL	SCALE	TOLERANCES
STAINLESS STL	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
BLK NIC PLT	SEE DRG	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/048+049	



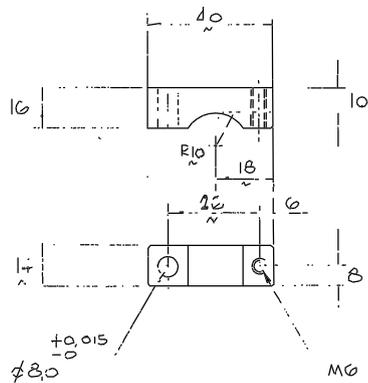
TITLE		
50 SPECIAL SCREW		
MATERIAL	SCALE	TOLERANCES
STAINLESS STL	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
BLK NIC PLT	3	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/050	



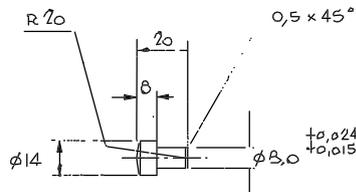
TITLE		
51 LOCK PIN		
MATERIAL	SCALE	TOLERANCES
STAINLESS STL	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
BLK NIC PLT	3	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/051	



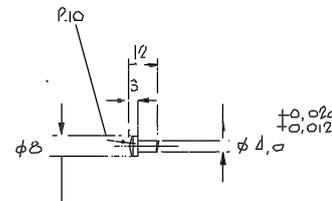
TITLE		
52 EDGE LOCATOR		
MATERIAL	SCALE	TOLERANCES
STAINLESS STL	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
BLK NIC PLT	3	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/052	



TITLE		
53 CLAMP BAR		
MATERIAL	SCALE	TOLERANCES
ALUMINUM ALLOY	NTS	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
MAT BLK ANODISE	3	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/053	

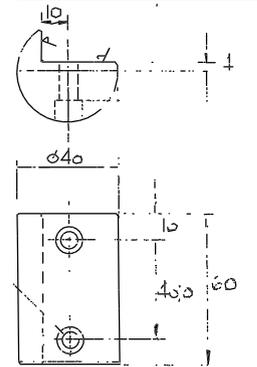


TITLE		
54 BUTTON		
MATERIAL	SCALE	TOLERANCES
ALUMINUM ALLOY	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
MAT BLK ANODISE	3	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/054	



TITLE		
55 LOCK BUTTON		
MATERIAL	SCALE	TOLERANCES
STAINLESS STL	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
BLK NIC PLT	3	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/055	

(4) DRILL & C'BORE FOR MG CAP SCREW.



TITLE		
56 FOOT		
MATERIAL	SCALE	TOLERANCES
ALUMINUM ALLOY	1/1	X ± 0.1
FINISH	NO REQ. PER UNIT	XX ± 0.05
MAT BLK ANODISE	2	XXX
G.A. No.	DRAWING No.	
R.G.O.	W/GM/056	

1 x 45° TYP

Tolerances (unless otherwise stated)				Material		Scale		Title	
XXX	XX	X	±	Finish	Dim's in m.m.	Scale	THIRD ANGLE PROJECTION		G.A. No.
±	±	±	±				ROYAL GREENWICH OBSERVATORY, HERSTMONCELY CASTLE, SUSSEX.		Drawing No.
									W/GM/ 048
							DETAILS		056
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Used on	

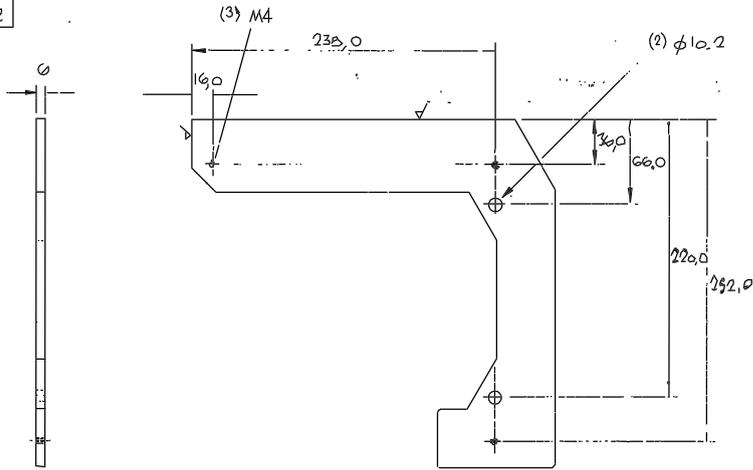






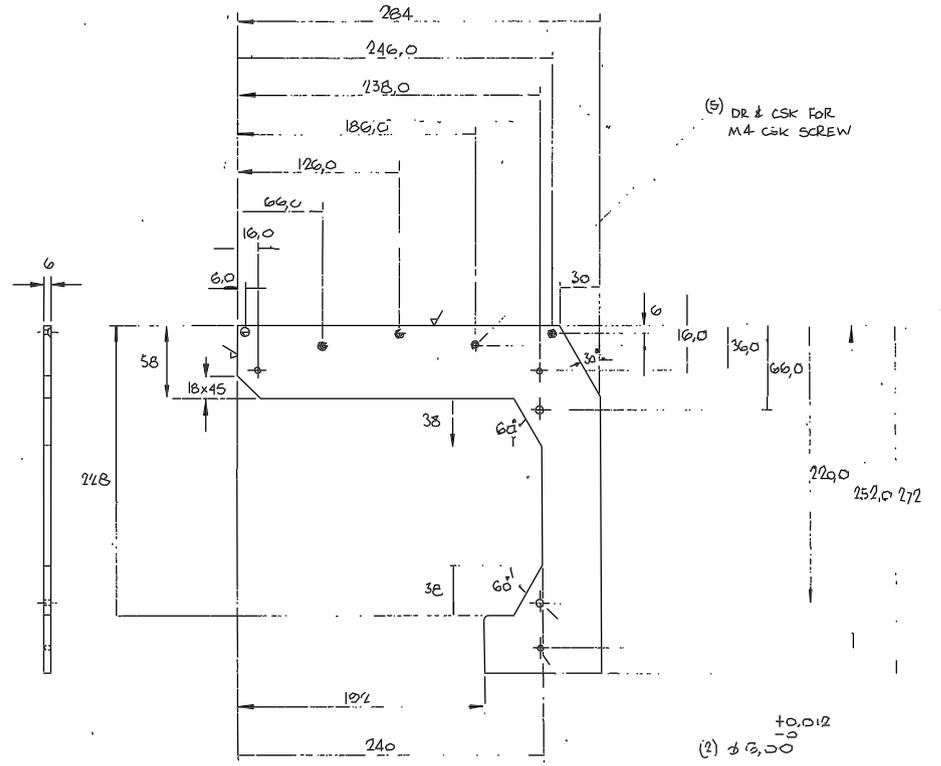


Drawing No. 020  
 To 022  
 W/GM/

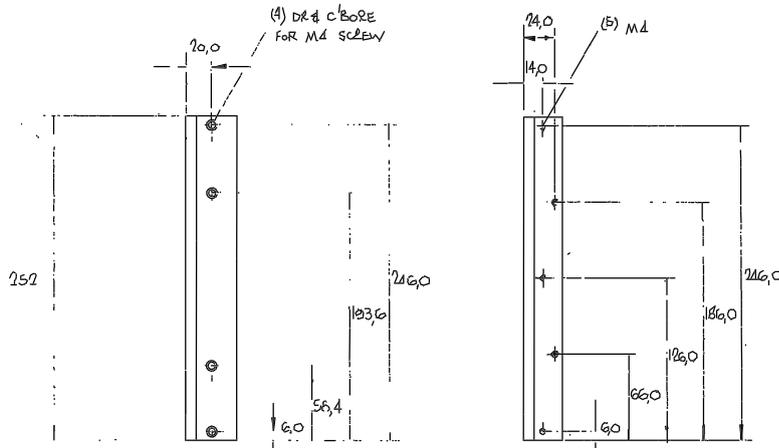


PROFILE AS FOR ITEM 21

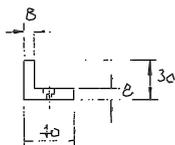
TITLE 20 PLATE		
MATERIAL ALUM. ALLOY	SCALE 1/2	TOLERANCES X ±0.1 XX ±0.05 XXX
FINISH MATT BLK ANODISE	NO REQS. PER UNIT 1	XXX
G.A. No.	DRAWING No. R.G.O. W/GM/020	



(5) DR & CSK FOR M4 CSK SCREW



OR TAKE FROM 40x40x8 ANGLE



TITLE 21 ANGLE		
MATERIAL ALUM. ALLOY	SCALE 1/2	TOLERANCES X ±0.1 XX ±0.05 XXX
FINISH MATT BLK ANODISE	NO REQS. PER UNIT 1	XXX
G.A. No.	DRAWING No. R.G.O. W/GM/021	

TITLE 22 PLATE		
MATERIAL ALUM. ALLOY	SCALE 1/2	TOLERANCES X ±0.1 XX ±0.05 XXX
FINISH MATT BLK ANODISE	NO REQS. PER UNIT 1	XXX
G.A. No.	DRAWING No. R.G.O. W/GM/022	

Tolerances (Unless otherwise stated)						Material		Dim's in mm.		Scale		THIRD ANGLE PROJECTION		Title		R.O. No.	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Finish	Drng. No.	No. Req.	Used on	ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM SUSSEX.		DETAILS		W/GM/020 To 022	

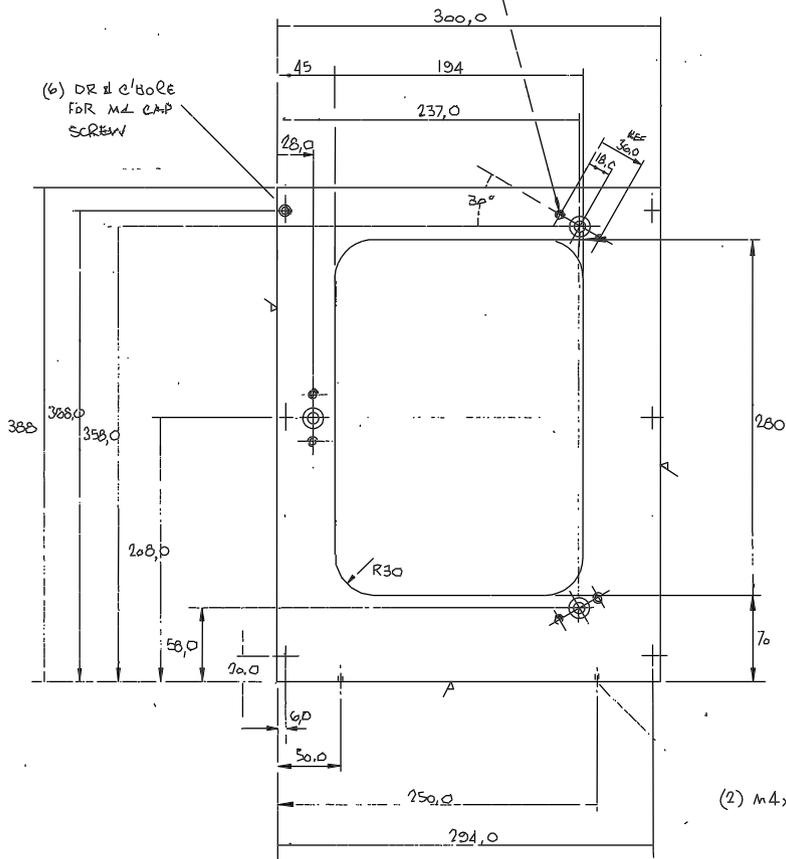




Drawing No. W/GM/010 To 012

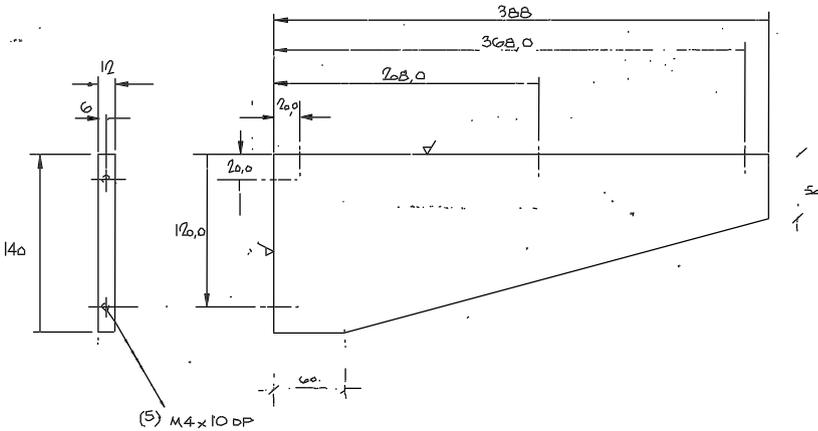
6 HOLES M4 FIT HELICOIL INSEBS (Pos 2 FRAM ITEM W/GD/012)

(6) DR  $\phi$  C BORE FOR M4 CAP SCREW



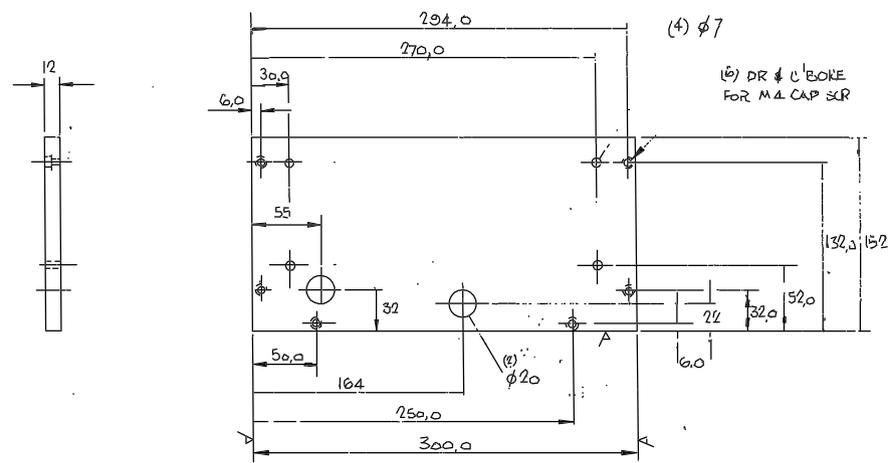
(2) M4 x 10 DP

10		TITLE PLATE	
MATERIAL ALUM. ALLOY	SCALE 1/2	TOLERANCES x $\pm 0.1$ xx $\pm 0.05$ xxx $\pm 0.05$	
FINISH MATT BLK AND POSE	NO REQS PER UNIT 1		
D.A. No.	R.G.O.	DRAWING No. W/GM/010	



(5) M4 x 10 DP

11		TITLE WEB	
MATERIAL ALUM. ALLOY	SCALE 1/2	TOLERANCES x $\pm 0.1$ xx $\pm 0.05$ xxx $\pm 0.05$	
FINISH MATT BLK AND POSE	NO REQS PER UNIT 2		
D.A. No.	R.G.O.	DRAWING No. W/GM/011	



(4)  $\phi 7$

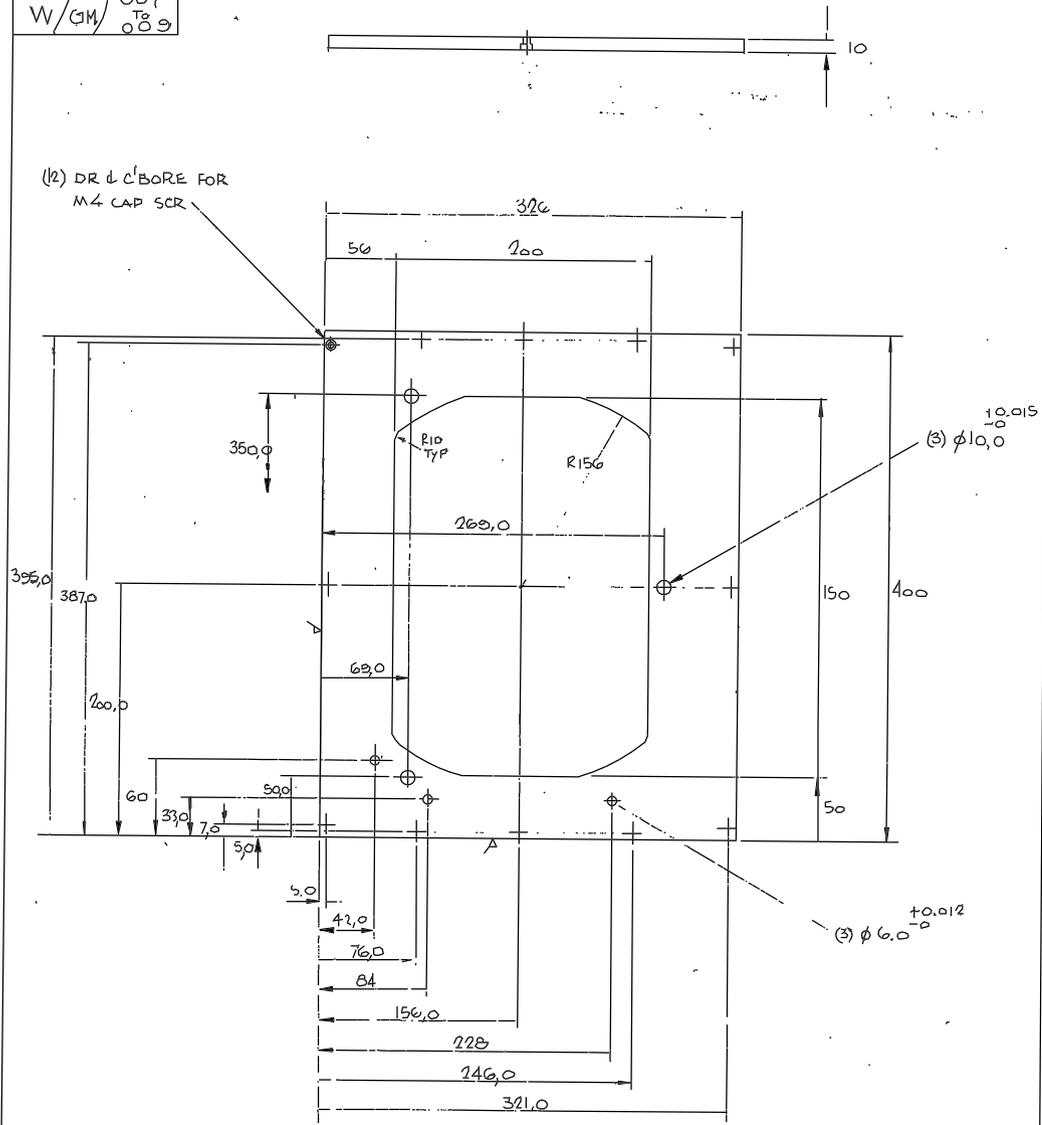
(6) DR  $\phi$  C BORE FOR M4 CAP SCR

12		TITLE PLATE	
MATERIAL ALUM. ALLOY	SCALE 1/2	TOLERANCES x $\pm 0.1$ xx $\pm 0.05$ xxx $\pm 0.05$	
FINISH MATT BLK AND POSE	NO REQS PER UNIT 1		
D.A. No.	R.G.O.	DRAWING No. W/GM/012	

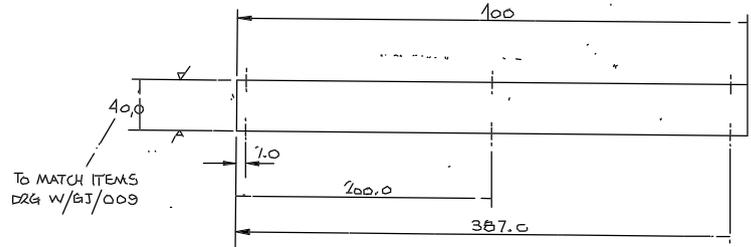
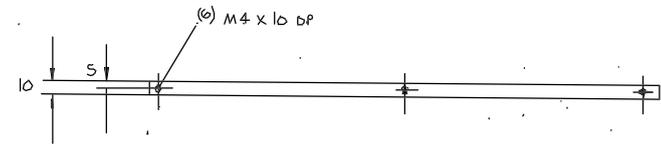
Tolerances (Unless otherwise stated)				Finish		Dimms in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
X $\pm$				Finish		ROYAL GREENWICH OBSERVATORY.		1:1		Drawing No.		W/GM/010 To 012	
XX $\pm$						HERSTMONCEUX CASTLE.				Used on			
XXX $\pm$						HAILSHAM							
						SUSSEX.							

Drawing No. 007  
W/GM/089

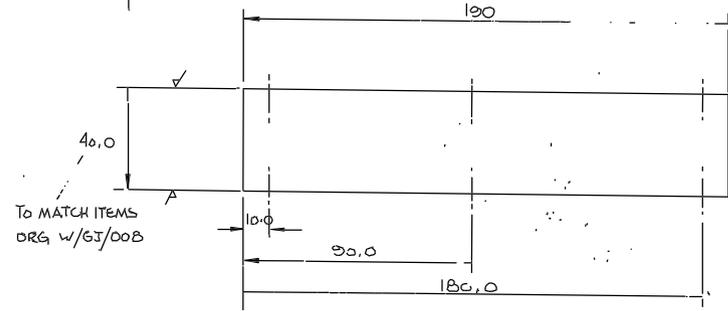
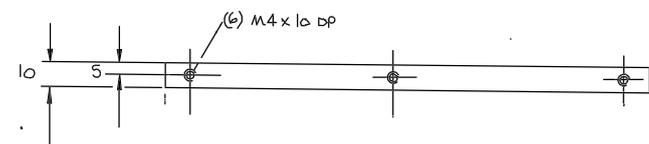
(12) DR & C'BORE FOR  
M4 CAP SCR



7		TITLE TOP PLATE	
MATERIAL ALCOA DLT	SCALE 1/2	TOLERANCES x $\pm 0.1$ xx $\pm 0.05$ xxx	
FINISH MATT BLK ANODISE	NO REQ PER UNIT 1		
G.A. No.	DRAWING No. R.G.O. W/GM/007		



8		TITLE SIDE WALL	
MATERIAL ALUM ALLOY	SCALE 1/2	TOLERANCES x $\pm 0.1$ xx $\pm 0.05$ xxx	
FINISH MATT BLK ANODISE	NO REQ PER UNIT 2		
G.A. No.	DRAWING No. R.G.O. W/GM/008		



9		TITLE SIDE WALL	
MATERIAL ALUM ALLOY	SCALE 1/1	TOLERANCES x $\pm 0.1$ xx $\pm 0.05$ xxx	
FINISH MATT BLK ANODISE	NO REQ PER UNIT 2		
G.A. No.	DRAWING No. R.G.O. W/GM/009		

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

Tolerances (Unless otherwise stated)  
x  $\pm$   
xx  $\pm$   
xxx  $\pm$

Material  
Finish

Dwg. No.  
No. Req.  
Used on

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

THIRD ANGLE PROJECTION  
Title

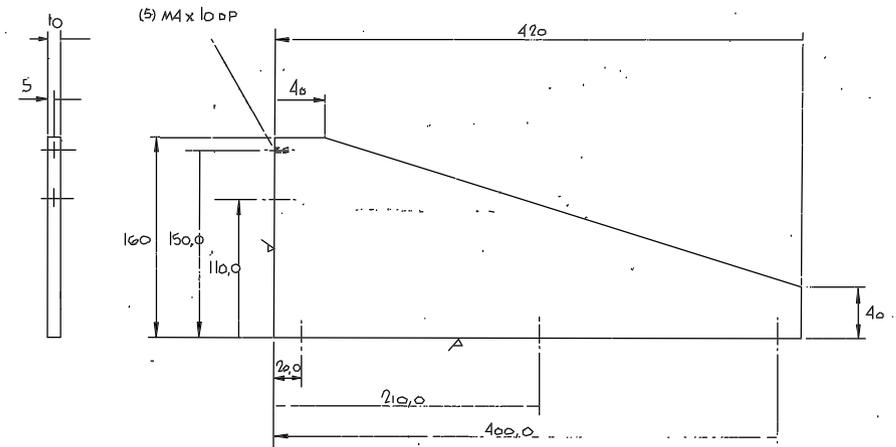
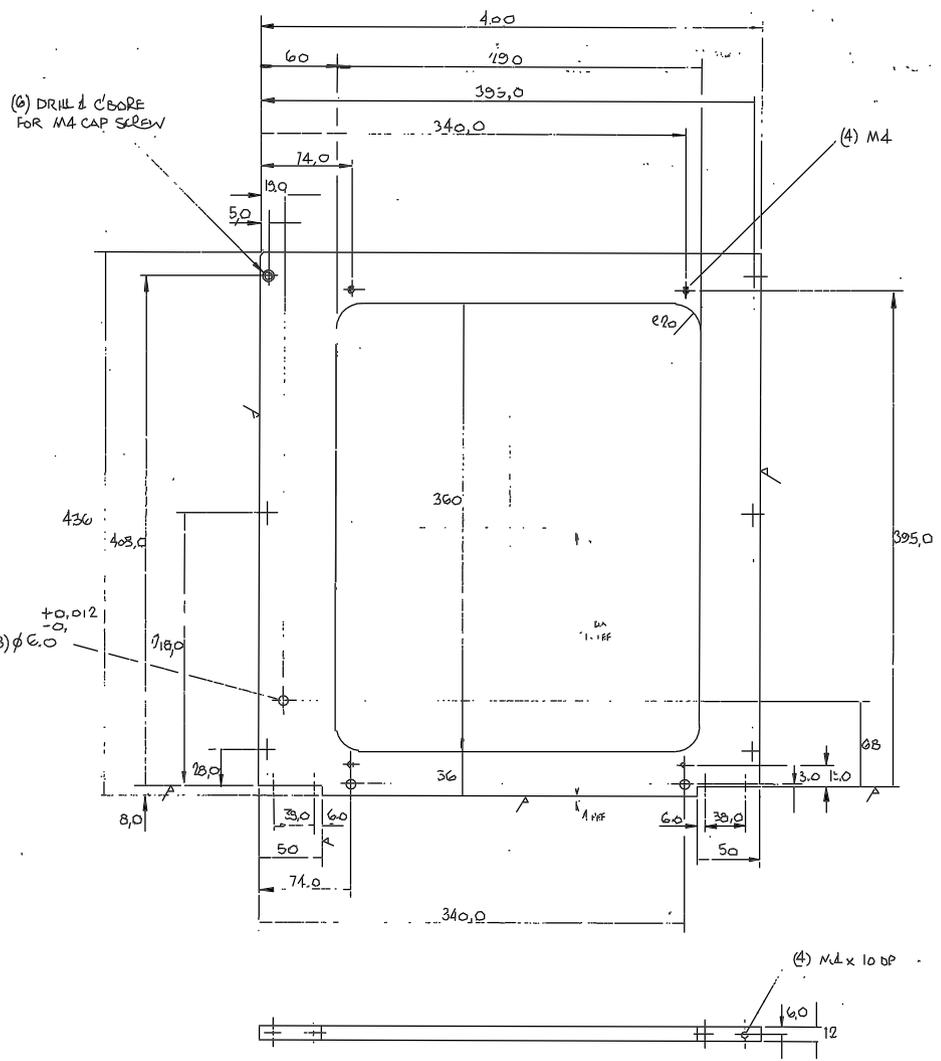
G.A. No.  
Drawing No.  
W/GM/007  
089



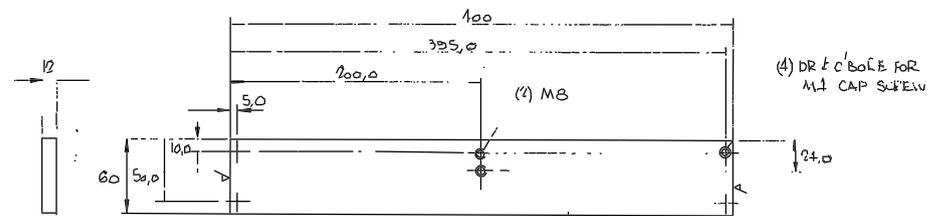
Drawing No. **W/GM/002**  
to **004**

(2) DRILL & BORE FOR M4 CAP SCREW

(4) M4



4		TITLE	
WEB			
MATERIAL	SCALE	TOLERANCES	
ALUM & ALLOY	1/2	x	±0.1
FINISH	NO REQ. PER UNIT	xx	±0.05
MAT BLK ANODISE	2	xxx	
C.A. No.	DRAWING No.	R.G.O. W/GM/004	

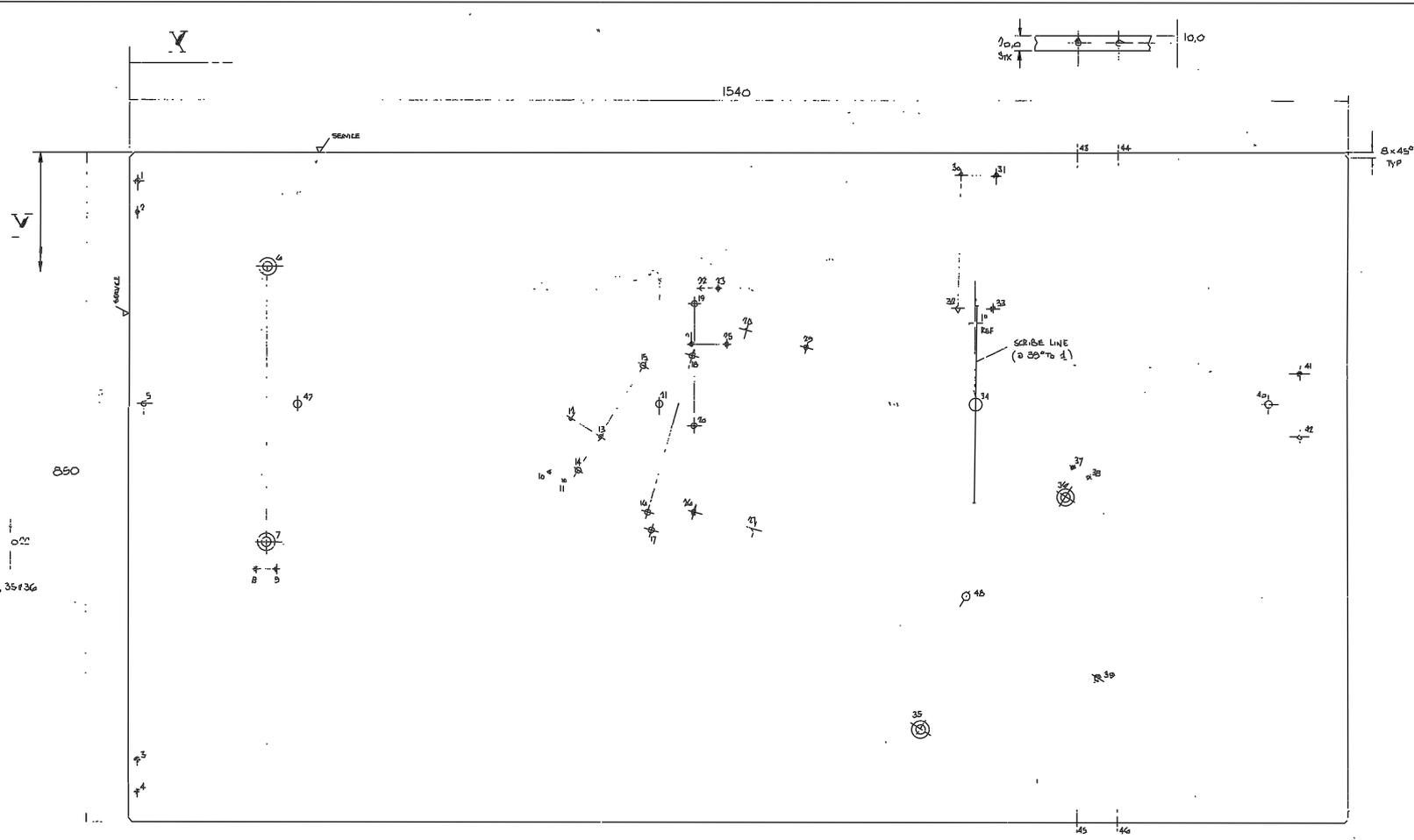


3		TITLE	
BAP			
MATERIAL	SCALE	TOLERANCES	
ALUM & ALLOY	1/2	x	±0.1
FINISH	NO REQ. PER UNIT	xx	±0.05
MAT BLK ANODISE	1	xxx	
C.A. No.	DRAWING No.	R.G.O. W/GM/003	

2		TITLE	
FRONT PLATE			
MATERIAL	SCALE	TOLERANCES	
ALCOA PLT	1/2	x	±0.1
FINISH	NO REQ. PER UNIT	xx	±0.05
MAT BLK ANODISE	1	xxx	
C.A. No.	DRAWING No.	R.G.O. W/GM/002	

Tolerances (Unless otherwise stated)				Material		Dimms in m.m.		Scale		THIRD ANGLE PROJECTION		G.A. No.	
X ±				Finish		Dwg. No.		No. Req.		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM		Title	
XX ±						Used on				SUSSEX.		DETAILS	
XXX ±												Drawing No. W/GM/002 TO 004	

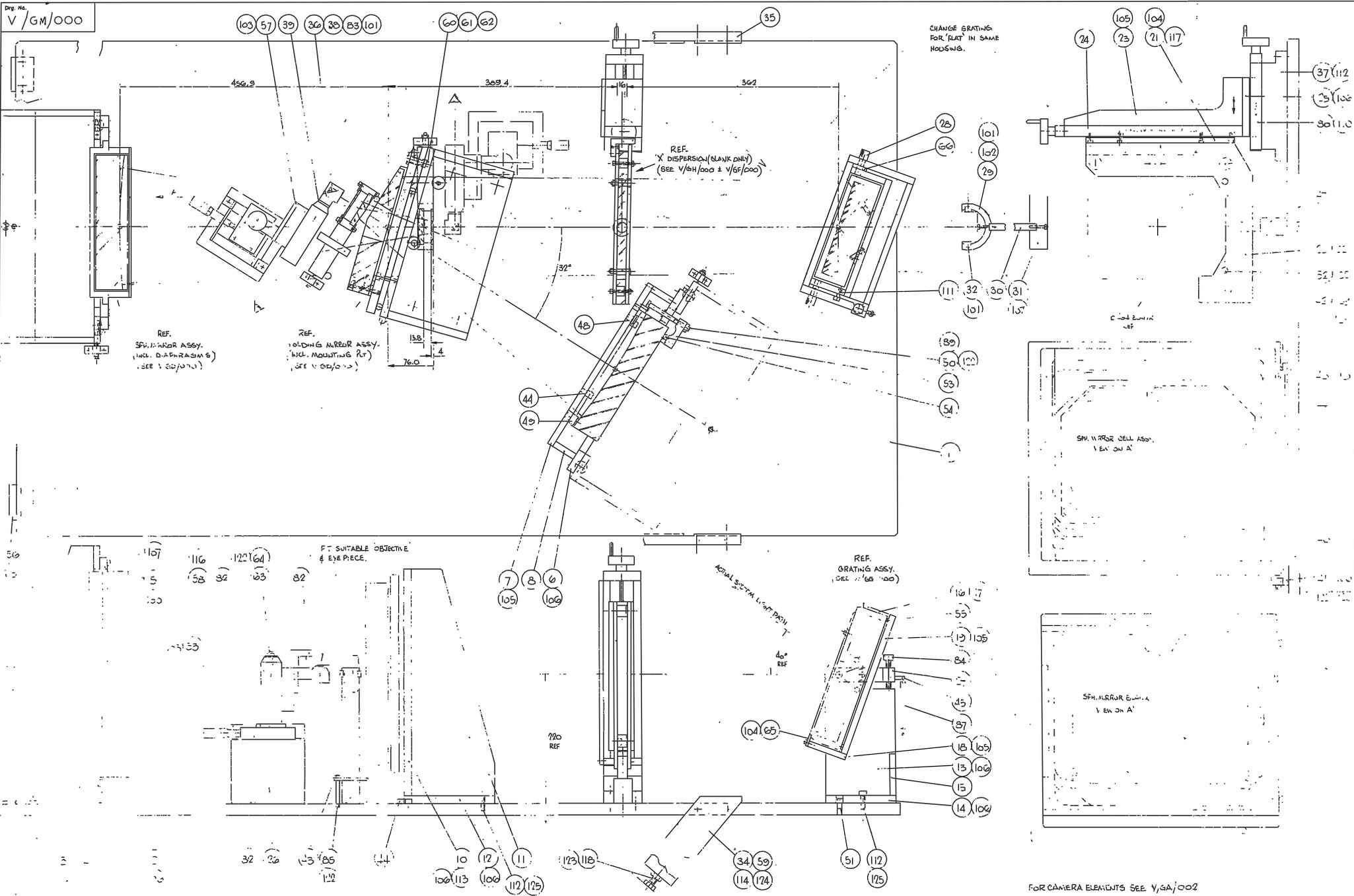
Drp. No. V/GM/001



HOLE	SIZE	DIST X	DIST Y	HOLE	SIZE	DIST X	DIST Y	HOLE	SIZE	DIST X	DIST Y
1	M6	10.0	36.0	16	φ 6.0 ± 0.012	653.6	456.8	31	M6	1084.5	26.4
2	M6	10.0	76.0	17	φ 6.0 ± 0.012	659.0	478.1	32	M6	1047.5	197.6
3	M6	10.0	114.0	18	φ 6.0 ± 0.012	710.4	458.8	33	M6	1091.5	198.4
4	M6	10.0	154.0	19	φ 6.0 ± 0.012	709.0	197	34	φ 16.0 ± 0.018	1067.4	320.0
5	M8	17.2	320.0	20	φ 6.0 ± 0.012	700.0	348	35	SEE DRG	990.6	731.7
6	SEE DRG	173.17	145.0	21	φ 8.0 FOR SERVICE	670.00	320.00	36	"	1184.0	434.9
7	" 4	173.17	405.0	22	M4	73.0	176	37	M4	1190.7	397.8
8	" 4	150.0	520	23	M4	741.0	176	38	M4	1214.4	412.6
9	" 4	127.0	530	24	M6	707.0	244	39	M8	1223.6	665.9
10	M4	523.5	404.5	25	M6	753.0	244	40	φ 8.0 ± 0.015	1437.4	320.0
11	M4	557.2	413.4	26	M6	712.8	457.1	41	M6	1471.4	280.0
12	M6	553.4	340.5	27	M6	789.7	478.15	42	M6	1477.4	360.0
13	M6	588.4	364.8	28	M6	779.0	226.4	43	M8 x 14DP	1154.0	SEE DRG
14	φ 6.0 ± 0.012	560.1	407.9	29	M6	855.9	248.4	44	M8 x 14DP	1246.0	SEE DRG
15	φ 6.0 ± 0.012	651.8	275.6	30	M6	1050.5	25.6	45	M8 x 14DP	1184.0	SEE DRG

1		BASE PLATE	
DESIGNED	SCALE	DATE	REVISED
ALCOAN PCT	1/2	1/2	1/2
PROJECT	PROJECT	DATE	DATE
BY	BY	BY	BY
BY	BY	BY	BY

Tolerances (tolerances otherwise stated)				Material				Dimms. in m.m.		Scale 1/2		THIRD ANGLE PROJECTION		GA No.	
				F630										Drawing No.	
Nov. 85				PRONEC										V/GM/001	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Used on	Drp. No.	No. Req.	ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM	SUSSEX.			



FOR CAMERA ELEMENTS SEE V/GA/002

Tolerances (Unless otherwise stated)						Material		Dimms. in m.m.		Scale 1/2		THIRD ANGLE PROJECTION		G.A. No.	
X ±						Finish		ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM		Title		1515 CAMERA MANUFACTURE TEST BENCH (500 #1)		Drawing No.	
XXX ±						Used on		No. Res.		SUSSEX.		V/GM/000		Date	
Issue	Mod. No.	Date	Drawn By	Issue	Mod. No.	Date	Drawn By	Nov 85							



DRAWING NUMBER	No. of Sheets	G.A. Item No.	DRAWING TITLE OR COMPONENT NAME	No. of	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
1 / 037		37	SLIDE BASE	1	ALUM <sup>n</sup> ALLOY				
1 / 038		38	PRISM HOLDER	1	" "				
1 / 039		39	LOCK NUT	1	" "				
W/GM/040	1	40	VEE	2	STAINLESS STL				
1 / 041		41	Block	4	ALUM <sup>n</sup> ALLOY				
1 / 042		42	SPACER	3	" "				
1 / 043		43	STRAP	1	" "				
1 / 044		44	EDGE LOCATOR	1	STAINLESS STL				
1 / 045		45	SPRING POST	2	" "				
1 / 046		46	VEE BUTTON	4	" "				
1 / 047		47	LOCK POST	1	" "				
W/GM/048	1	48	BUTTON	2	" "				
1 / 049		49	"	1	" "				
1 / 050		50	SPECIAL SCREW	3	" "				
1 / 051		51	LOCK PIN	1	" "				
1 / 052		52	EDGE LOCATOR	3	" "				
1 / 053		53	CLAMP BAR	3	ALUM <sup>n</sup> ALLOY				
1 / 054		54	BUTTON	3	" "				
1 / 055		55	LOCK BUTTON	6	STAINLESS STL				
1 / 056		56	FOOT	2	ALUM <sup>n</sup> ALLOY				
W/GM/057	1	57	CONNECTOR PLATE	1	" "				
1 / 058		58	BASE PLATE	1	" "				
1 / 059		59	TIE BAR	1	" "				
1 / 060		60	KINEMATIC SEAT	1	STAINLESS STL				
1 / 061		61	" "	1	" "				
1 / 062		62	" "	1	" "				
1 / 063		63	WASHER	1	ALUM <sup>n</sup> ALLOY				
1 / 064		64	STUD	1	STAINLESS STL				
1 / 065		65	CLAMP	4	ALUM <sup>n</sup> ALLOY				
1 / 066		66	SPACER	1	" "				
1 /									
1 /									
1 /									
1 /									
1 /									
1 /									
1 /									

JOB TITLE 'SIS' CAMERA MANE TEST BENCH  
 ASSY DRG. No. V/GM/000 SHEET No. 2 OF 4 DRAWN BY PIZOMEK  
 ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM, SUSSEX DATE NOV 85

DRAWING NUMBER	No. of Sheets	G.A. Item No.	DRAWING TITLE OR COMPONENT NAME	NO.	MATERIAL STOCK OR ORDER No. AND DATE	REMARKS	ISSUE DATE	ISSUED TO	FINISH DATE
V/GM/001	1	1	BASE PLATE	1	'ALCOA' PLT				
W/GM/002	1	2	FRONT PLATE	1	"				
1/003		3	SAR	1	ALUM <sup>#</sup> ALLOY				
1/004		4	WEB	2	" "				
W/GM/005	1	5	FRAME	1	STAINLESS STL				
1/006		6	PLATE	1	'ALCOA' PLT				
W/GM/007	1	7	TOP PLATE	1	" "				
1/008		8	SIDE WALL	2	ALUM <sup>#</sup> ALLOY				
1/009		9	" "	2	" "				
W/GM/010	1	10	PLATE	1	'ALCOA' PLT				
1/011		11	WEB	2	ALUM <sup>#</sup> ALLOY				
1/012		12	PLATE	1	'ALCOA' PLT				
W/GM/013	1	13	"	2	" "				
1/014		14	"	1	" "				
1/015		15	WEB	1	ALUM <sup>#</sup> ALLOY				
W/GM/016	1	16	PLATE	1	'ALCOA' PLT				
1/017		17	"	1	" "				
1/018		18	PLATE	1	" "				
1/019		19	"	1	" "				
W/GM/020	1	20	PLATE	1	ALUM <sup>#</sup> ALLOY				
1/021		21	ANGLE	1	" "				
1/022		22	PLATE	1	" "				
W/GM/023	1	23	WEB	1	ALUM <sup>#</sup> ALLOY				
1/024		24	SPECIAL UNIVERSAL MOD. STD	1	ZA 2512 v PUS'A TYPE SLIDER			SEE ALSO ITEM 30	
1/025		25	PLATE	1	ALUM <sup>#</sup> ALLOY				
1/026		26	BLOCK	1	STAINLESS STL				
1/027		27	LEVER	1	" "				
1/028		28	HINGE PIN	2	" "				
W/GM/029	1	29	HOLDER	1	ALUM <sup>#</sup> ALLOY				
1/030		30	SUPPORT	1	'ALCOA' PLT				
1/031		31	BASE	1	ALUM <sup>#</sup> ALLOY				
1/032		32	CLAMP	4	ALUM <sup>#</sup> ALLOY				
1/033		33	"	2	" "				
W/GM/034	1	34	SUPPORT LEG	1	" "				
1/035		35	" "	1	" "				
1/036		36	RIGHT ANGLE ADAPTOR	1	" "				
JOB TITLE 'ISIS' CAMERA MANIP TEST BENCH					ASSY DRG. No.	SHEET No.	DRAWN BY PROMEC		
					V/GM/000	1 of 4	DATE NOV 85		
ROYAL GREENWICH OBSERVATORY,					HERSTMONCEUX CASTLE,	HAILSHAM,	SUSSEX		

