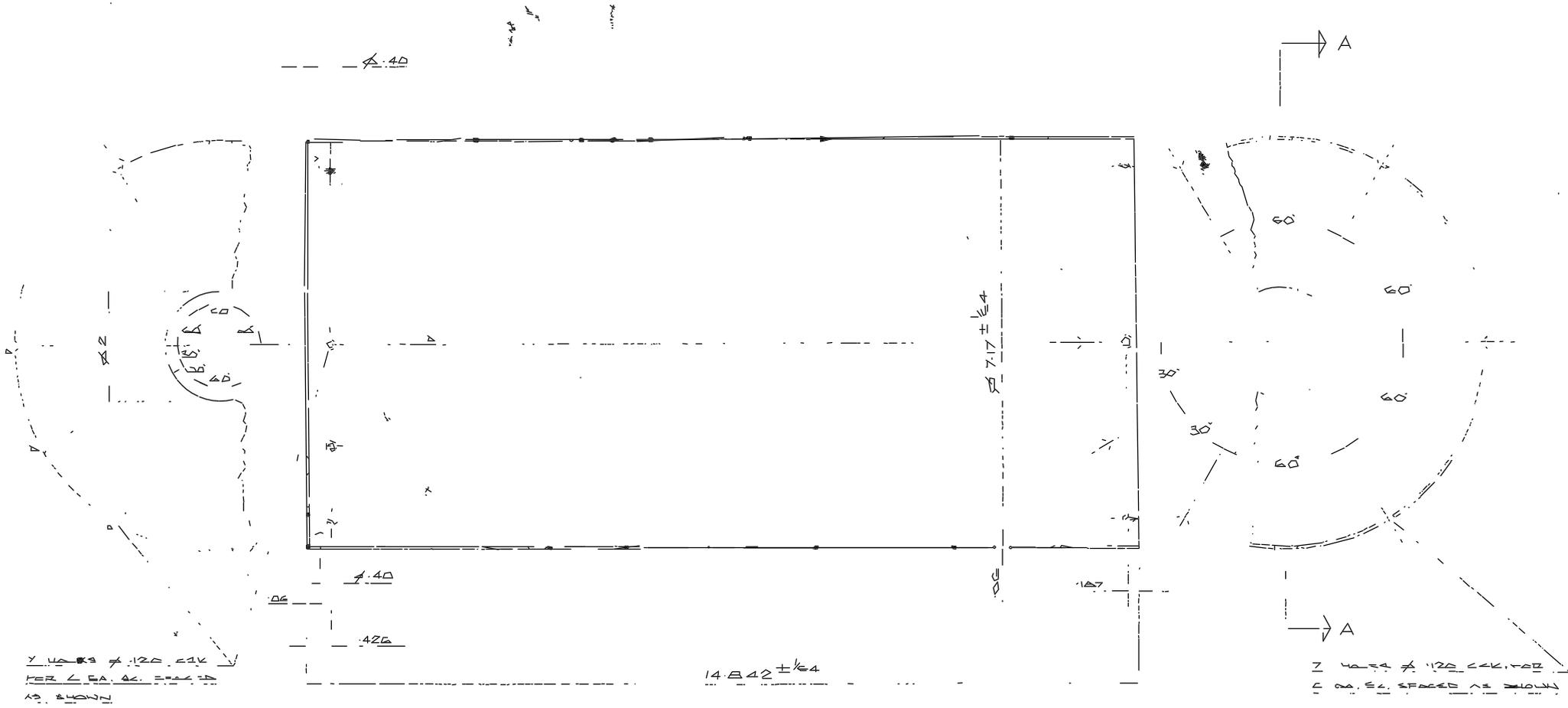


DRG. No

X/84/002



NOTES

T.I.G. WELD SEAM OF TUBE AND END OF CAP.
MUST ACCEPT 7.155" DIA ALONG ITS ENTIRE BORE

SECTION A-A

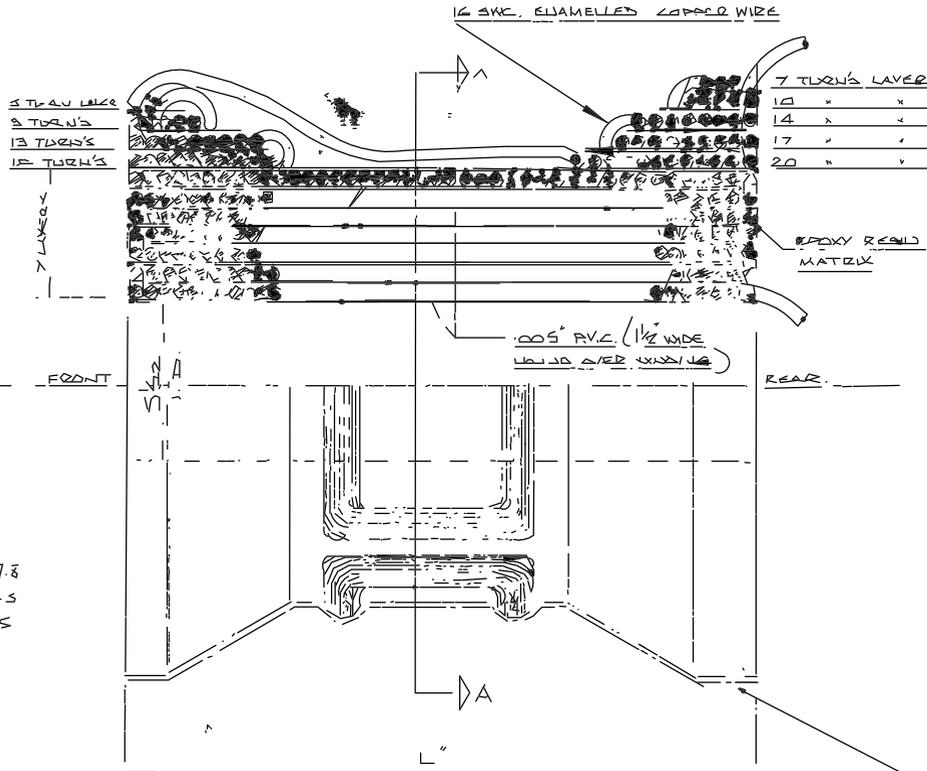
				FOLS. UNLESS OTHERWISE STATED	MATERIAL IC SWG. UNLESS OTHERWISE STATED		
				FRACTIONS: $\pm \frac{1}{64}$	FINISH CLEAN.	DWG. No.	ING. REQ.
ISSUE	MOD. No.	DATE	DRAWN BY	DECIMALS: $\pm .002$		USED ON	
DIMNS. IN INS. SCALE: 1:1				THIRD ANGLE PROJECTION			
ROYAL GREENWICH OBSERVATORY, HEASTMONCKEUX CASTLE HAILSHAM, SUSSEX.				TITLE <u>OUTER H. SCREEN.</u>		DRAWING No. X/84/002	

Org. No.

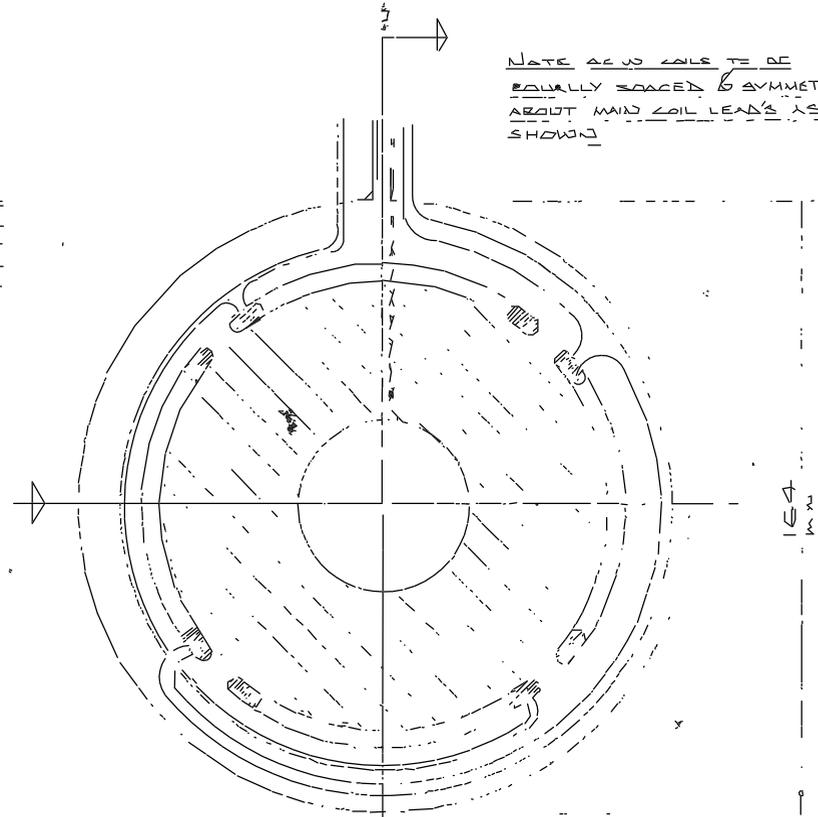
Y.5203

DIAGRAMATIC SECTION DEG.

NOTE: LEAD COILS NOT SHOWN IN SECTION



NOTE: AS US COILS TO BE EQUALLY SPACED & SYMMETRICAL ABOUT MAIN COIL LEADS AS SHOWN

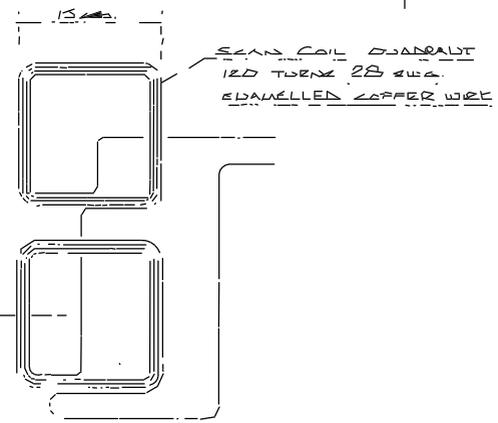


SECTION A-A

NOTE: COIL LEADS TO BE PROTECTED WITH ONE LAYER OF INSULATING TAPE

5.00 17.8
R₂ Keat. 17.5
R₂ 12.5

of coil
63.0 + 12.5 + 1.5
+ allowance for lead wire & tape wrapping.
= 86.5

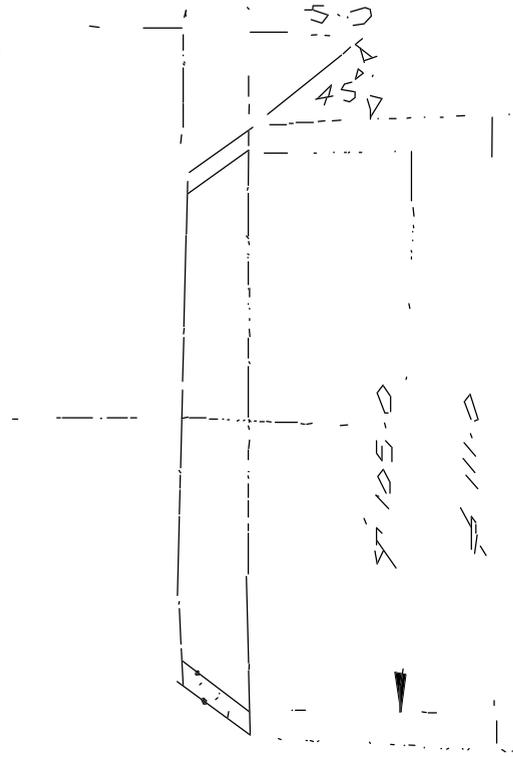


- L = 342 mm. FOR SOLENOID MK II (A.A.T)
- L = 357 mm. " " " " MK III (UNIT SPEC.)
- L = 357 mm. " " " " UNIVERSAL

				Tols. (unless otherwise Stated.)	Material		
				Decimals:	Finish	Drg. No.	No. Req.
Issue	Mod. No.	Date	Drawn by	Fractions:		Used on	13/6/01
Dimns. in ins.				Scale: $\frac{1}{2}$	THIRD ANGLE PROJECTION.		
Royal Greenwich Observatory, Herstmonceux Castle, Hailsham Sussex.				Title	Solenoid Coil		
				Drawing No.		Y.5203	

Drawing No.

Y



				Tolerances (Unless otherwise stated)	Material			Dim's. in mm.	Scale:	THIRD ANGLE PROJECTION	GA No.
				X ±	BRASS		/	Copy to wish at every.		Title N/K II Univ. Sch.	Drawing No.
		12/5/1	B W	XX ± .2	Finish	Dwg. No.	No Req.	Tolerance Class		SMALL DIA EMI TUBE	
1/24	MOD. No.	Dist	Drawn By	XXX ±	CLEAN.	Used on		H3' mm	S →	ADAPTOR FOR Y/BH/009	Y/BH/009/A

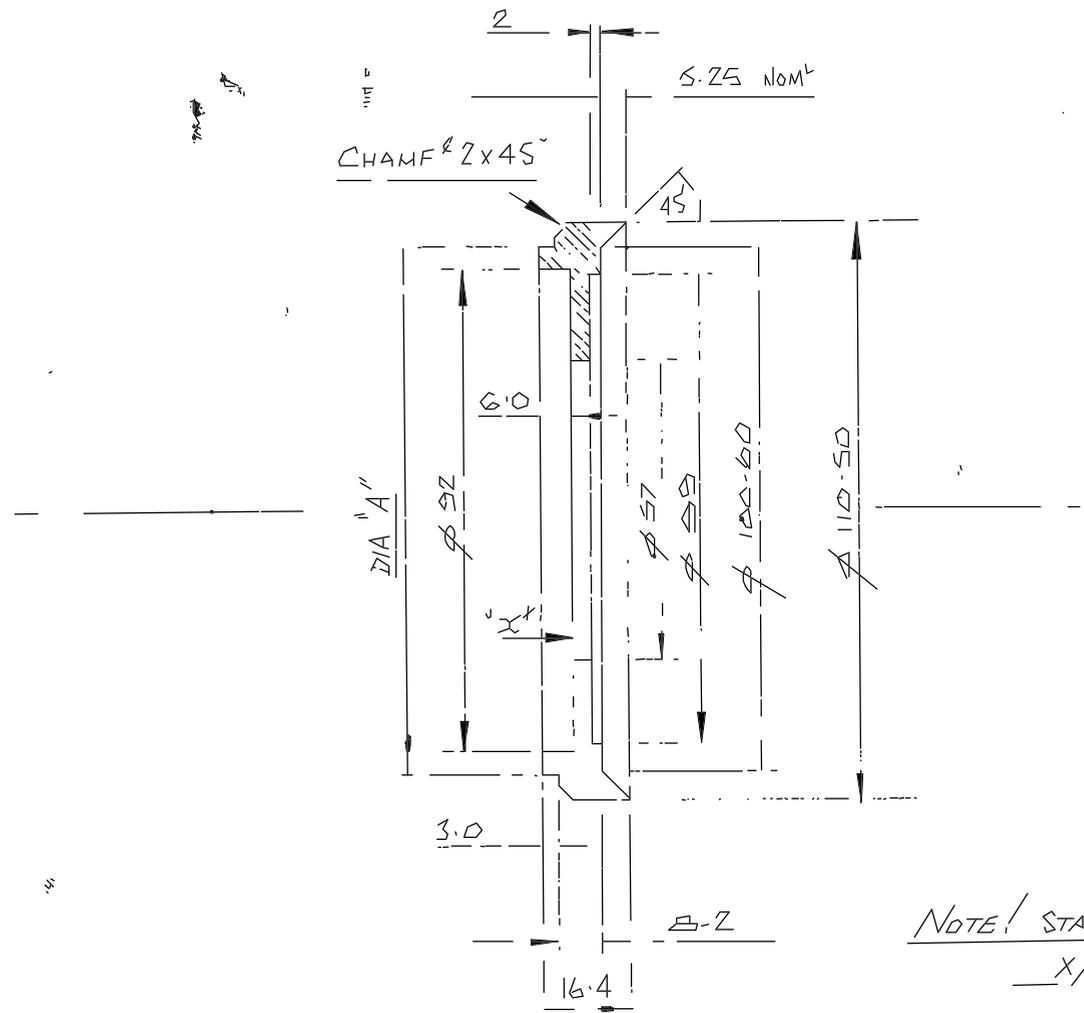
Drawing No
Y

100.95
100.90

100.76
100.74

DIA A -

100.82 FOR X/BH/000/A
100.80 FOR X/BH/000/B



NOTE! FOR EMI TUBE No 22
STANDARD EUROPE DIA (III)

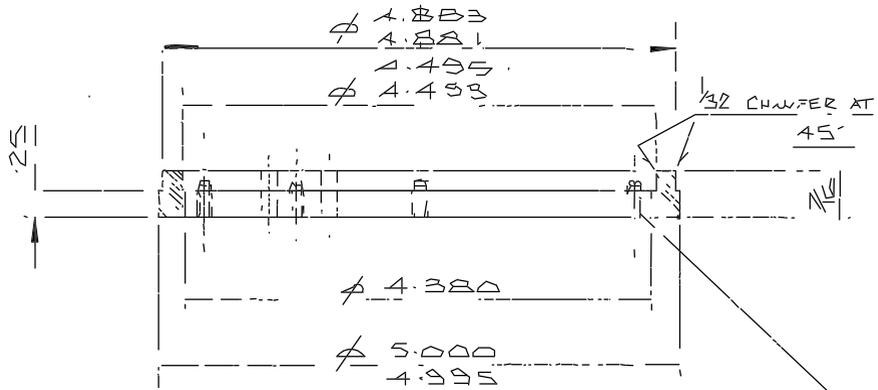
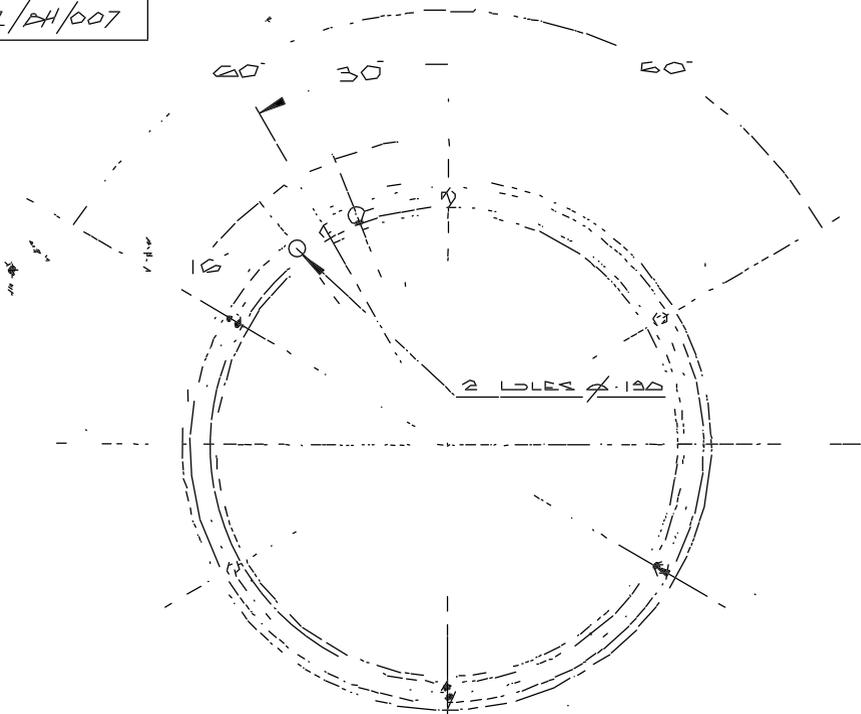
MAKE TUBE WINDOW TO
FACE "V" REF DIMN 8.5MM

NOTE! STAMP ON FACE "X" TO BE USED WITH SOL
X/BH/000/A OR B" DEPENDING ON DIA "A"

				Tolerances (Unless otherwise stated)	Material NONE MAB STAINLESS ST.	Dimm in m.m.	Scale:	THIRD ANGLE PROJECTION	G.A No.
				X ± .5	Finish CLEAN	Org No.		TITLE MK II UNIVERSAL SOL	Drawing No.
				X.X ± .2		Used on		E.M.I. TUBE LOCATION RING	Y/BH/009
				X.XX ± .1					
1	Mod. No.	Date 19/12/80	Drawn By						

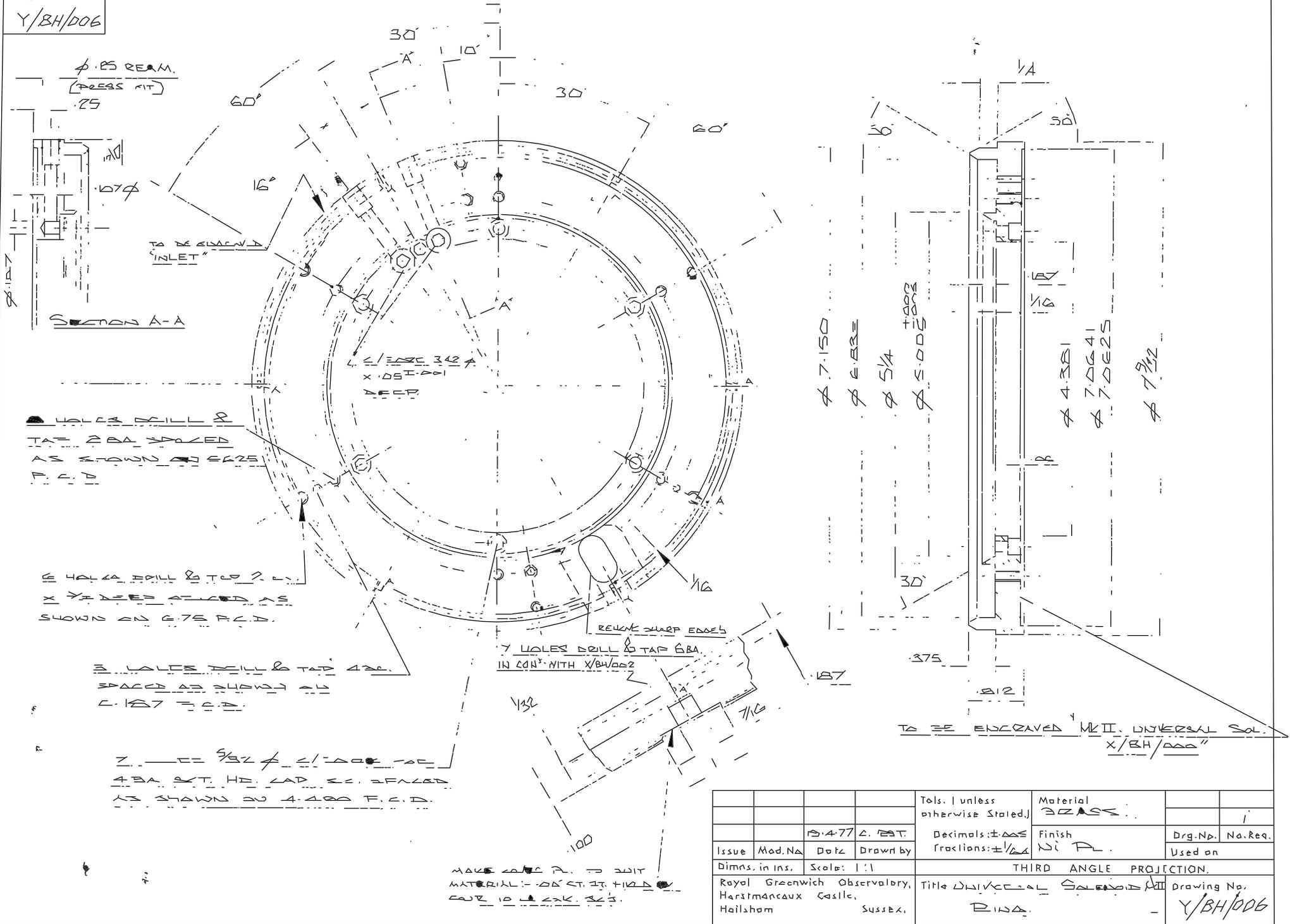
Org. No.

Z/BH/007



7 HOLES DRILL & TAP
 4 HOLES SPACED AS SHOWN
 ON 4.690 P.C.D.
 MUST NOT BREAK THROUGH

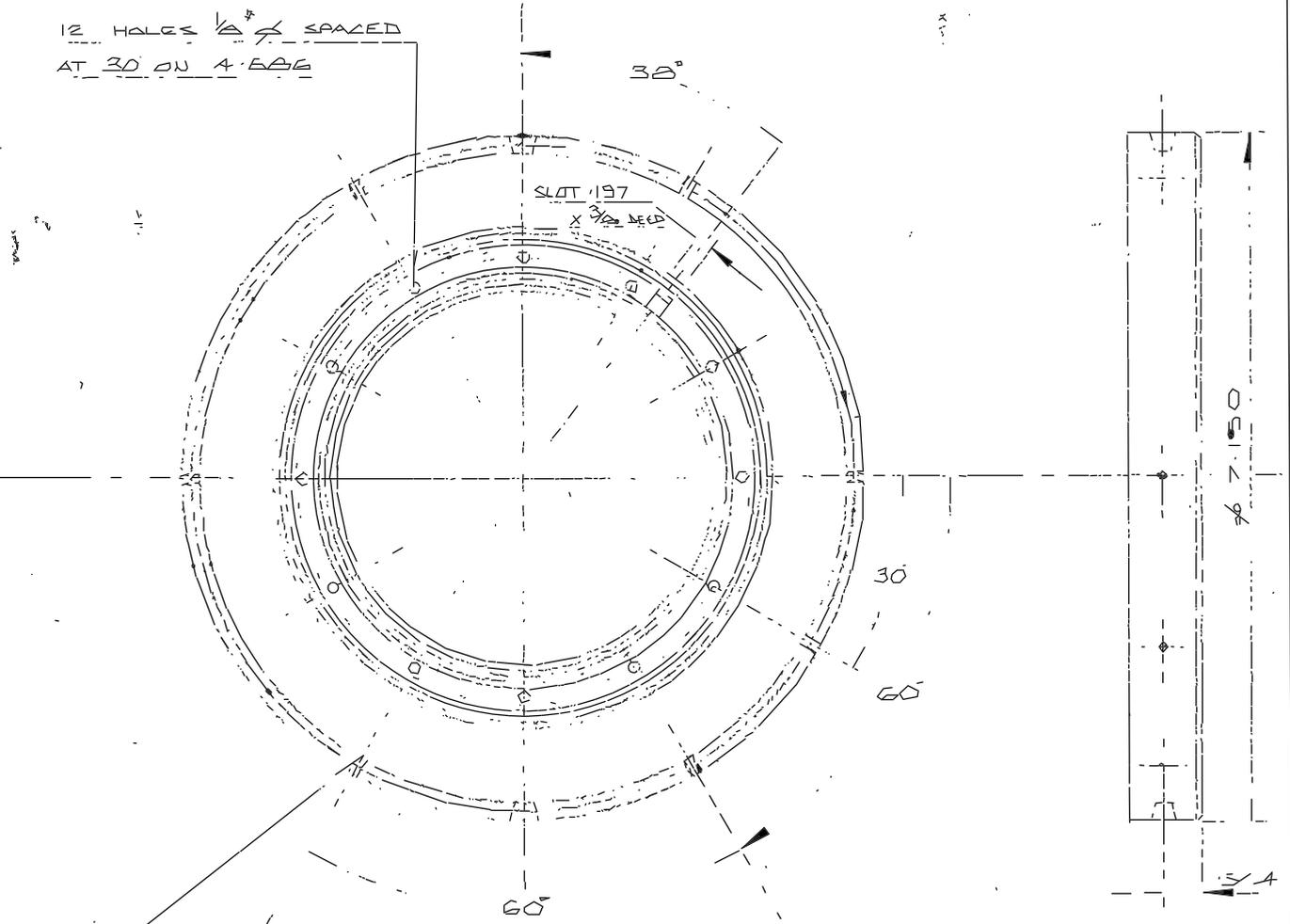
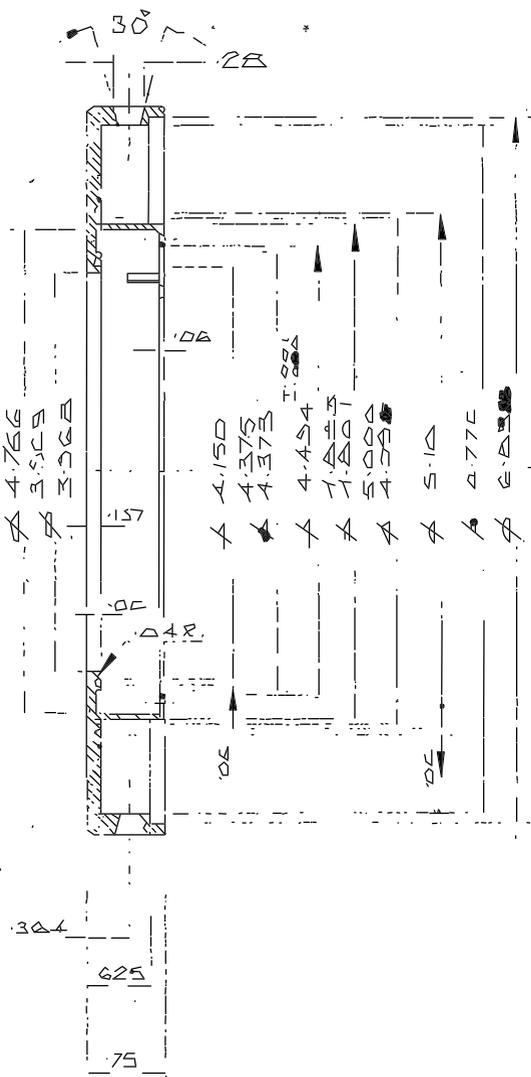
				Tols. (unless otherwise stated)		Material St. σ			
				Decimals: $\pm .005$		USE MASTIC.			
				Fractions: $\pm 1/64$		Finish		Dwg. No. No. Req.	
Issue	Mod. No.	Date	Drawn by			CLEAN		Used on	
Dimns. in In.		Scale:		THIRD ANGLE PROJECTION					
Royal Greenwich Observatory Hartmanns Castle, Hailsham, Sussex,				Fitted by <u>DRIVER</u> at <u>SAL</u> <u>SAL</u> <u>ME II</u>				Drawing No.	
				JACKET RING.				Z/BH/007	



Dr B. No.

Y/BH/005

12 HOLES $\frac{1}{4}$ " SPACED
AT 30 ON 4.686

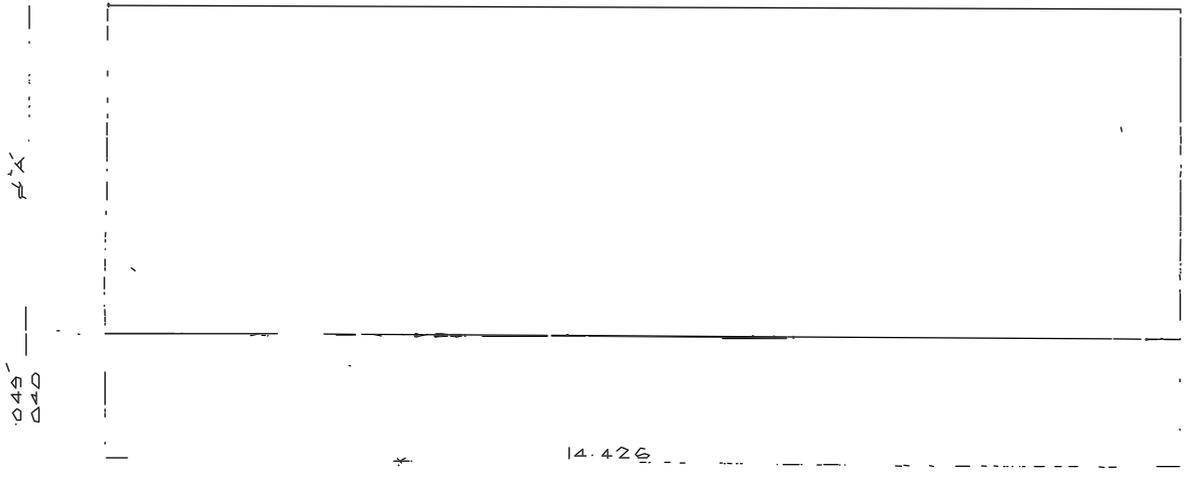


7 HOLES DRILL & TAP C BA
TO BE DRILLED IN CONSTRUCTION
WITH OUTER METAL SCREEN.
X/BH/002

				Tols. (unless otherwise stated)	Material		
				Decimals: 1:1000	Finish	Drg. No. No. Req.	
				Fractions: 1/64	Scale	Used on	
Issue		Mod. No.	Date	Scale: 1:1		THIRD ANGLE PROJECTION.	
Royal Greenwich Observatory, Hersham, Sussex.				Till. UNIVERSITY SOL. SOLE MK II		Drawing No.	
				LOCATION TRINE		Y/BH/005	

DRG. No.

X/84/004



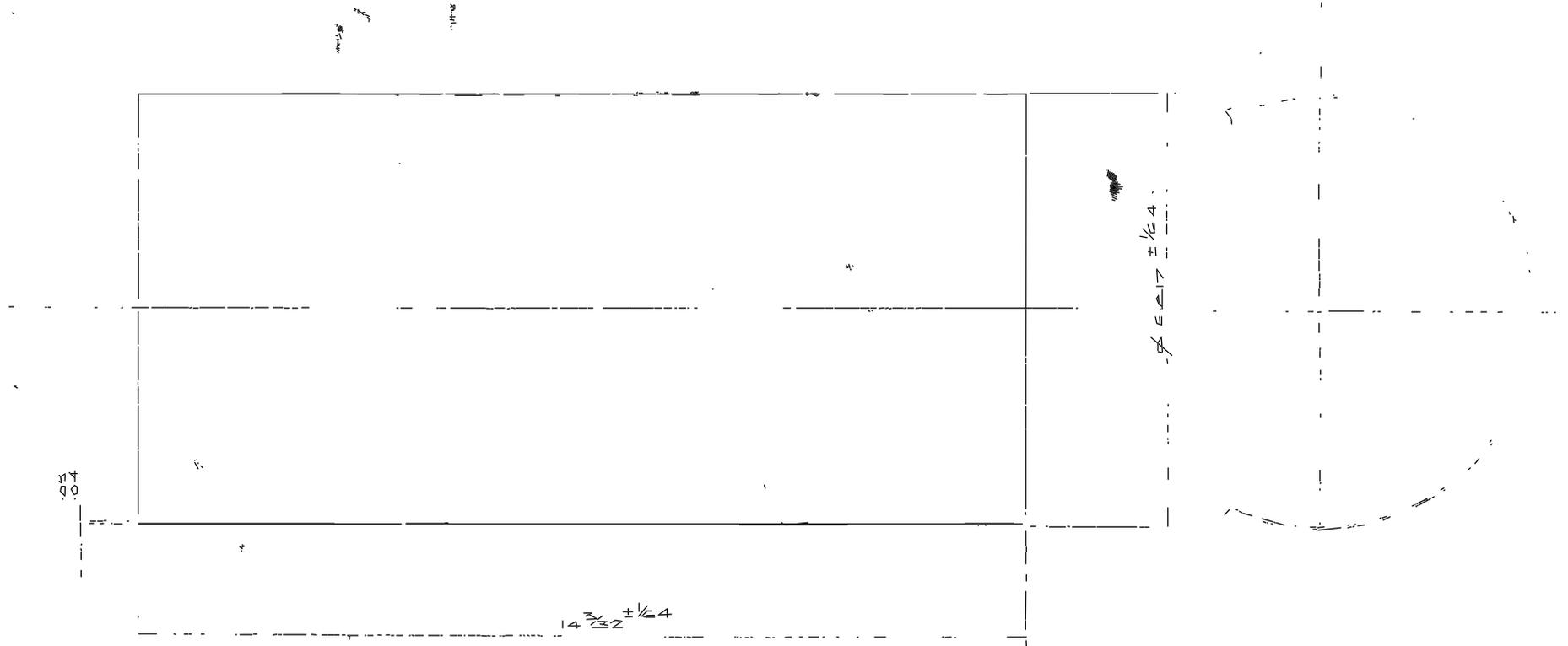
TUBE TO BE SEAM WELDED & LEAK FREE

1 OFF WHEN DIM "A" = 4.855 ~ 4.900

1 OFF WHEN DIM "A" = 4.877 ~ 4.922 NOTE / MUST ACCEPT ±.376 DIA ALDNE EXTERI BORE

				TOLS (UNLESS OTHERWISE STATED)	MATERIAL SPEC. AT. ST.		
		20.11.77	C.WEST	FRACTIONS ± 1/16 & DECIMALS ± 0.01	FINISH CLEAN.	DRG. NO.	NO. REQ. USED ON
DIMS. IN INS.	SCALE: 1:1	THIRD ANGLE PROJECTION					
ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE, HAILSHAM, SUSSEX.				TITLE UNIVERSAL SILENCER Mk III WATER JACKET TUBES.		DRAWING NO. X/84/004	

DRG. No.
X/24/003

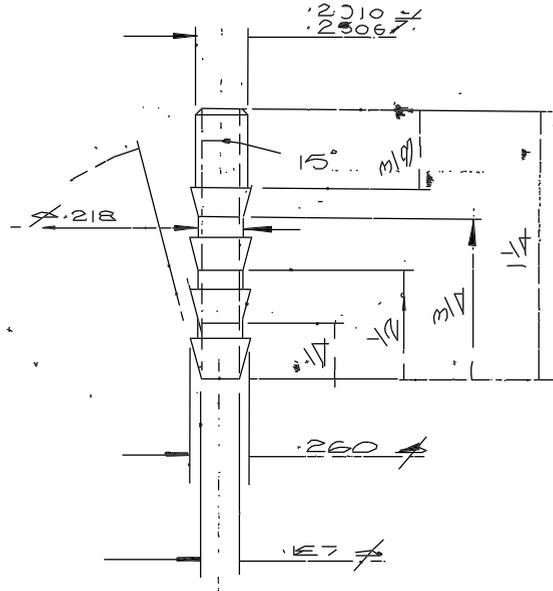


NOTE: THIS IS TO BE MADE BY A BRASS METAL TILES CO.

				TOLS. UNLESS OTHERWISE STATED	MATERIAL IN & DRAWN		
				FRACTIONS: ± 1/16 +	FINISH	DRG. NO.	NO. REQ.
				DECIMALS: ± 0.05	CLEAN	USCG 04	
DIMNS. IN INS.				SCALE: 1:1	THIRD ANGLE PROJECTION		
ROYAL GREENWICH OBSERVATORY, HERSTMONCEUX CASTLE HAILSHAM, SUSSEX.				TITLE	BY	DATE	DRAWING NO.
				1/1 METAL SCREEN			X/24/003

Drg. No.

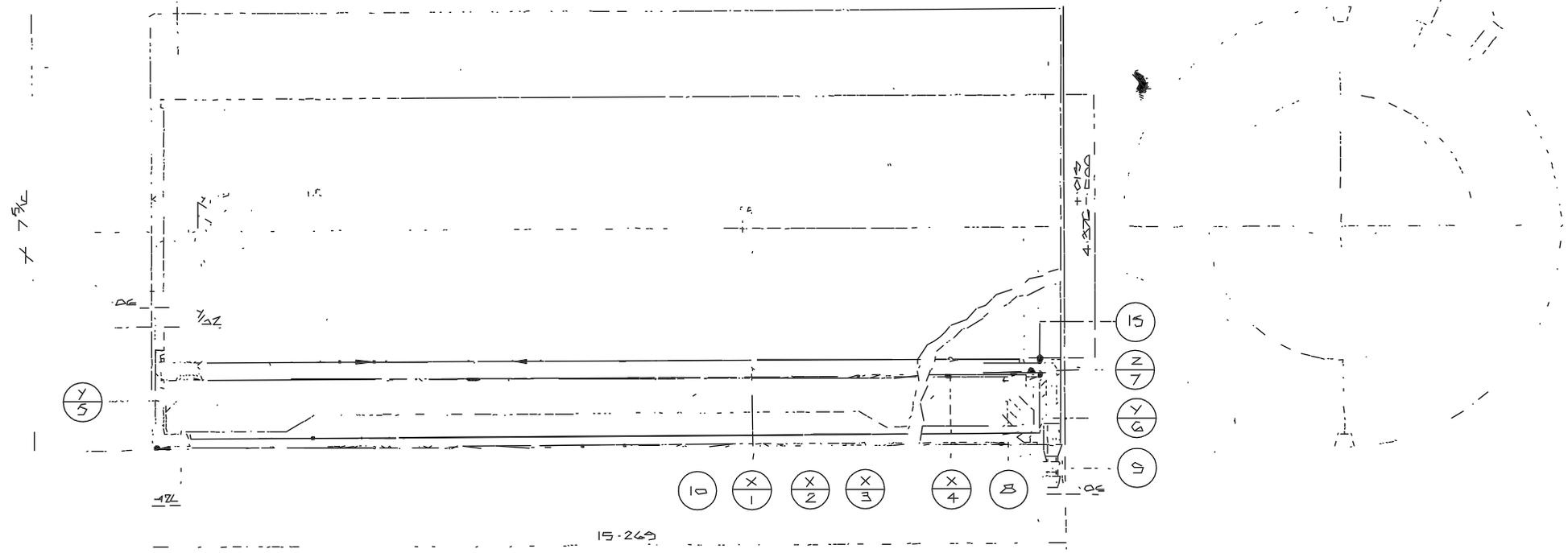
Z./BA/007



				Tols. (unless otherwise stated)	Material		
				D decimals: $\pm .005$	BRASS	2	
				Fractions: $\pm 1/64$	Finish	Drg. No.	No. Req.
Issue	Mod. No.	Date	Drawn by		Z.E.A.J.	Z./BA/007	Used on X/B/001
Dimns. in ins.		Scale: 2:1		THIRD ANGLE PROJECTION			
Royal Greenwich Observatory, Hersimoncaux Castle, Hailsham, Sussex.				Title UNIVERSAL SLEEVE BARB CONNECTOR.		Drawing No. Z./BA/007	

Draw. No.
X/BH/000

15-269
15-269
15-269



E.M.I. TUBE LOCATION BISS DRS N° X/BH/000
 RICE SUPPORT KING PLTY ZOD 142 4470 (NIT WITH 2 KING L TUB.)
 SLOT WINDOW TUBE LOCATION BISS DRS N° Y/BE/014
 E.M.I. TUBE BISS LOCATION BISS DRS N° X/BH/000

				TOLS. UNLESS OTHERWISE STATED	MATERIAL		
ISSUE	MOD. No.	DATE	DRAWN BY	FRACTIONS' DECIMALS: //	FINISH	DRC. No.	NO. REQ. USED ON
DIM'S IN INCH. SCALE: 1:1				THIRD ANGLE PROJECTION			
ROYAL GREENWICH OBSERVATORY, HASTMONCEUX CASTLE HAILSHAM, SUSSEX.				TITLE MK II UNIVERSAL SYLCOID		DRAWING No. X/BH/000	

