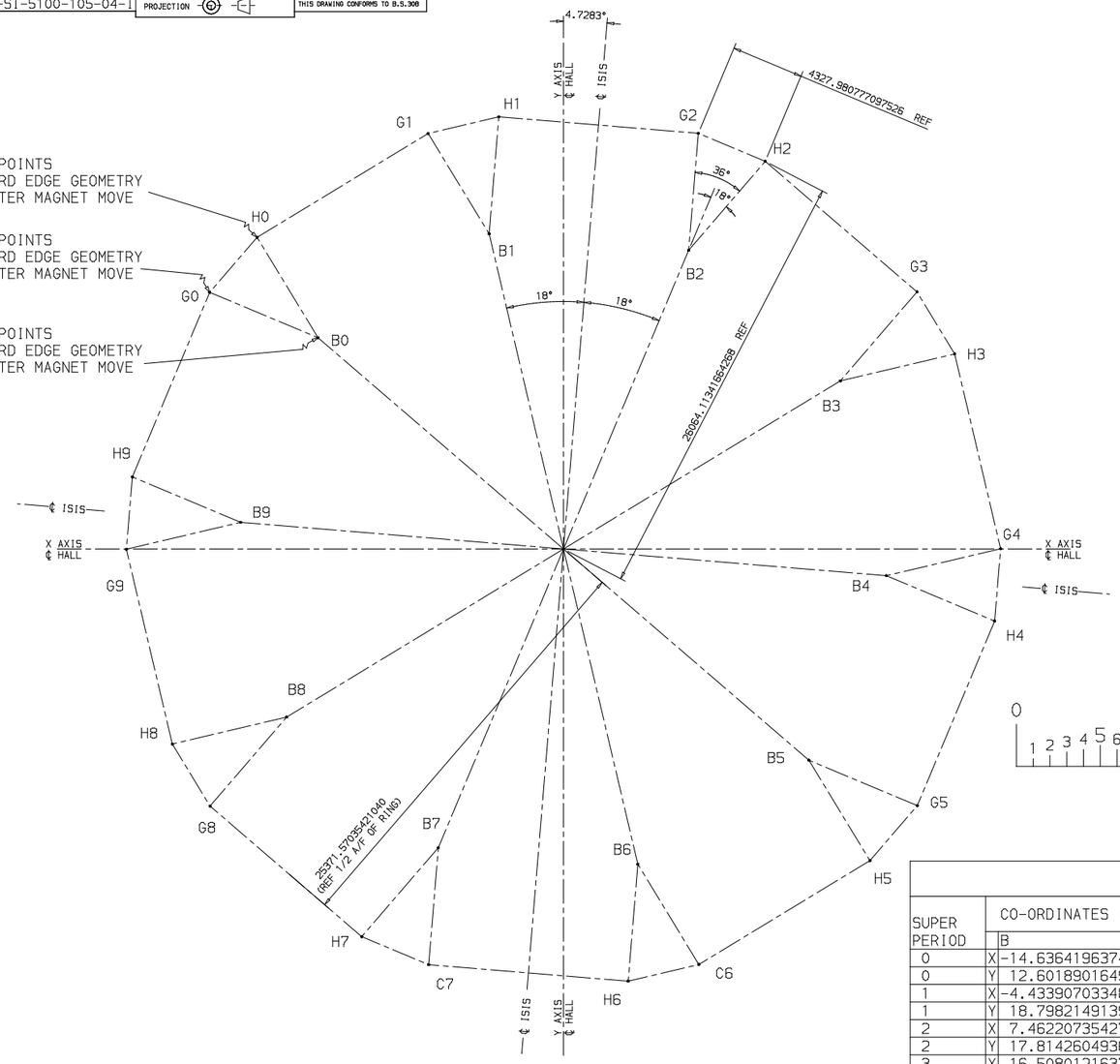
A0-SI-5100-105-04-I

PROJECTION

THIS DRAWING CONFORMS TO B.S.308



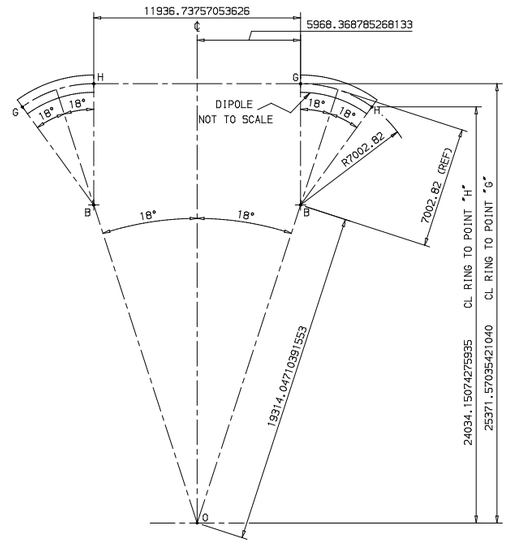
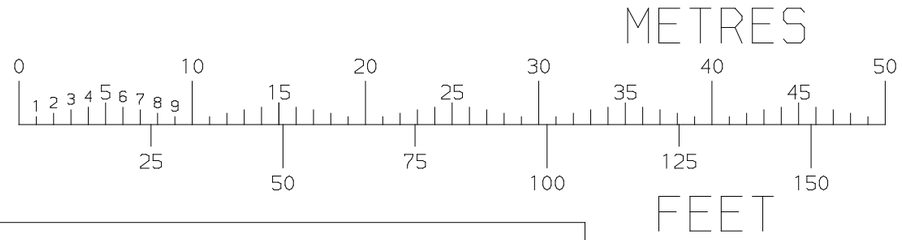


FIG.1b. "HARD EDGE" GEOMETRY
POINTS "B" "G"" "H" AFTER +0.74MM RADIAL MAGNET MOVEMENT



RING GEOMETRY

CO-ORDINATES IN METRES ALL WITH Z OF -0.603

SUPER PERIOD		B		G		H
0	X	-14.6364196374051	X	-21.0954522264142	X	-18.2715625415826
0	Y	12.6018901649732	Y	15.307511344392	Y	18.5873077793597
1	X	-4.43390703348312	X	-8.06904993766055	X	-3.85665921739619
1	Y	18.7982149139405	Y	24.7836325283271	Y	25.7772028714615
2	X	7.46220735427222	X	8.03945517035917	X	12.03135684481
2	Y	17.8142604936077	Y	24.7932484511287	Y	23.1210826015664
3	X	16.508012163795	X	21.0771616543328	X	23.3238035230774
3	Y	10.0258640491613	Y	15.3326861571199	Y	11.6334946345667
4	X	19.2483174134448	X	26.0641087727272	X	25.7073500024538
4	Y	-1.59207169547918	Y	1.55588899262629E-02	Y	-4.29769287489788
5	X	14.6364196374051	X	21.0954522264142	X	18.2715625415826
5	Y	-12.6018901649732	Y	-15.307511344392	Y	-18.5873077793597
6	X	4.43390703348312	X	8.06904993766054	X	3.8566592173962
6	Y	-18.7982149139405	Y	-24.7836325283271	Y	-25.7772028714615
7	X	-7.46220735427223	X	-8.03945517035918	X	-12.03135684481
7	Y	-17.8142604936077	Y	-24.7932484511287	Y	-23.1210826015664
8	X	-16.508012163795	X	-21.0771616543328	X	-23.3238035230774
8	Y	-10.0258640491613	Y	-15.3326861571199	Y	-11.6334946345667
9	X	-19.2483174134448	X	-26.0641087727272	X	-25.7073500024538
9	Y	1.59207169547918	Y	-1.55588899262545E-02	Y	4.29769287489788

"B" AND "G" AND "H" POINTS
HARD EDGE GEOMETRY
AFTER RADIAL MAGNET MOVE 0.74MM
FOR X,Y,Z COORDINATES SEE RING GEOMETRY TABLE
SEE SHEET 1 FOR OVERALL VIEW OF ISIS

ISSUE	DATE	MOD. NO.	DRN. BY	CHKD.	APPD.	STATUS
I	19-OCT-98	S100805	JOLLIFFE	JAH	---	MANUF.

TOLERANCES UNLESS STATED
GENERAL ±0.5
HOLE CTRS ±0.2

FINISH
CLEAN
REMOVE ALL BURRS

ORIGINAL SCALE
1:100
DO NOT SCALE

MATERIAL & SPEC.
MATL
SPEC

SURFACE TEXTURE µm
1.6 UNLESS STATED

0 5000 mm

USED ON 2 3 4 ORS100-001

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TITLE ESSENTIAL GEOMETRY OF ISIS

ISIS ---

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