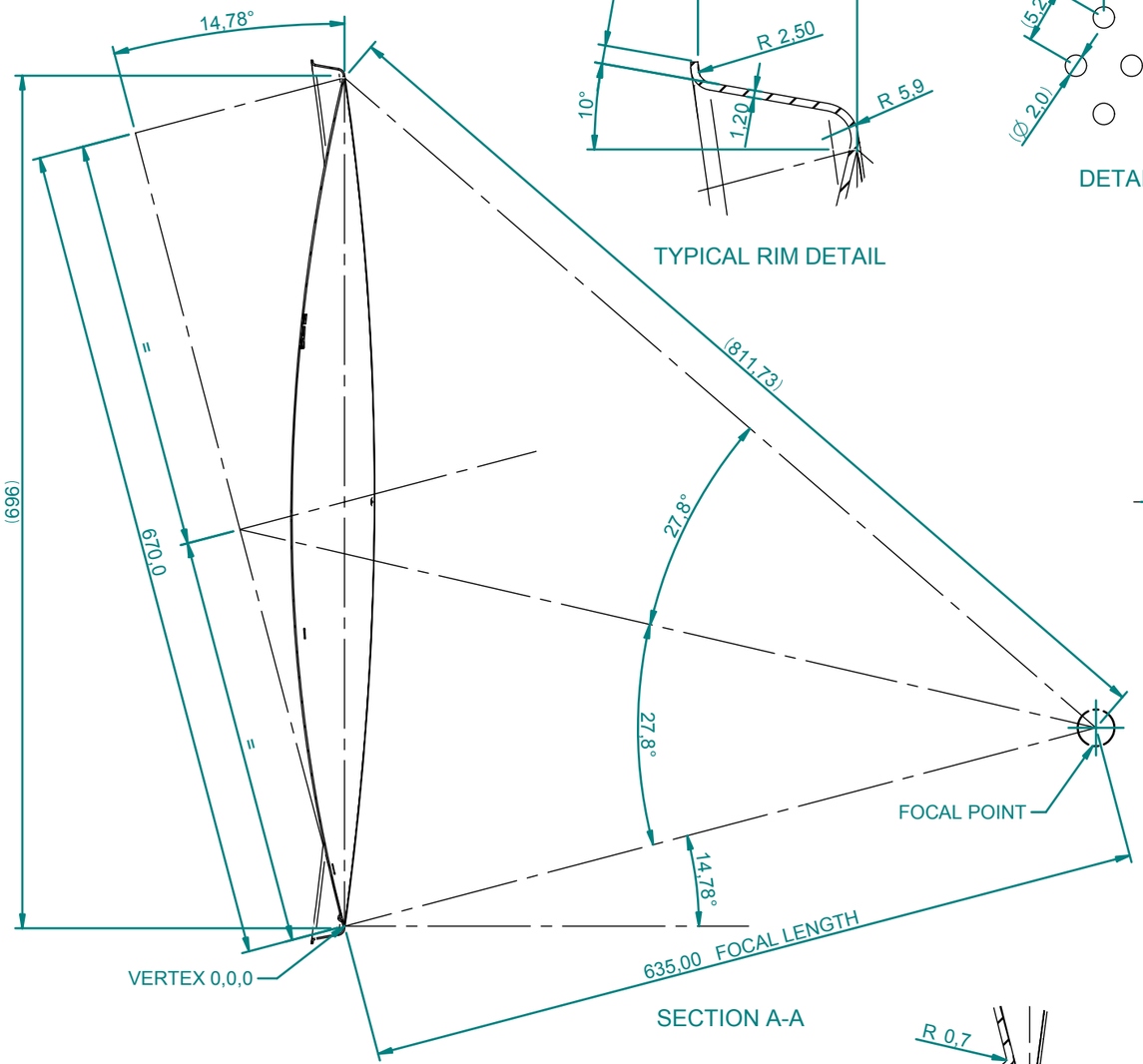
NOTES:-

1. PART TO BE FREE FROM BURRS & SHARP EDGES.
2. PART MUST HAVE AN RMS VALUE OF 0.6 OR BETTER.
3. PART MUST BE FREE OF ANY WRINKLES OR TEARS AT ANY POINT ON ANTENNA FACE OR RIM.
4. ANTENNA RIM TO BE UNIFORM ALL THE WAY ROUND THE ANTENNA (TYPICAL RIM DETAIL).
5. ALL DIMENSIONS ARE BEFORE PAINTING.

REFLECTOR DESIGN

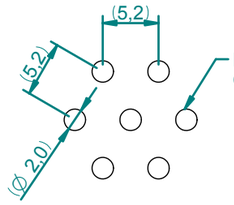
DRAWN IN ACCORDANCE WITH BS308

PROJECT NUMBER 1096

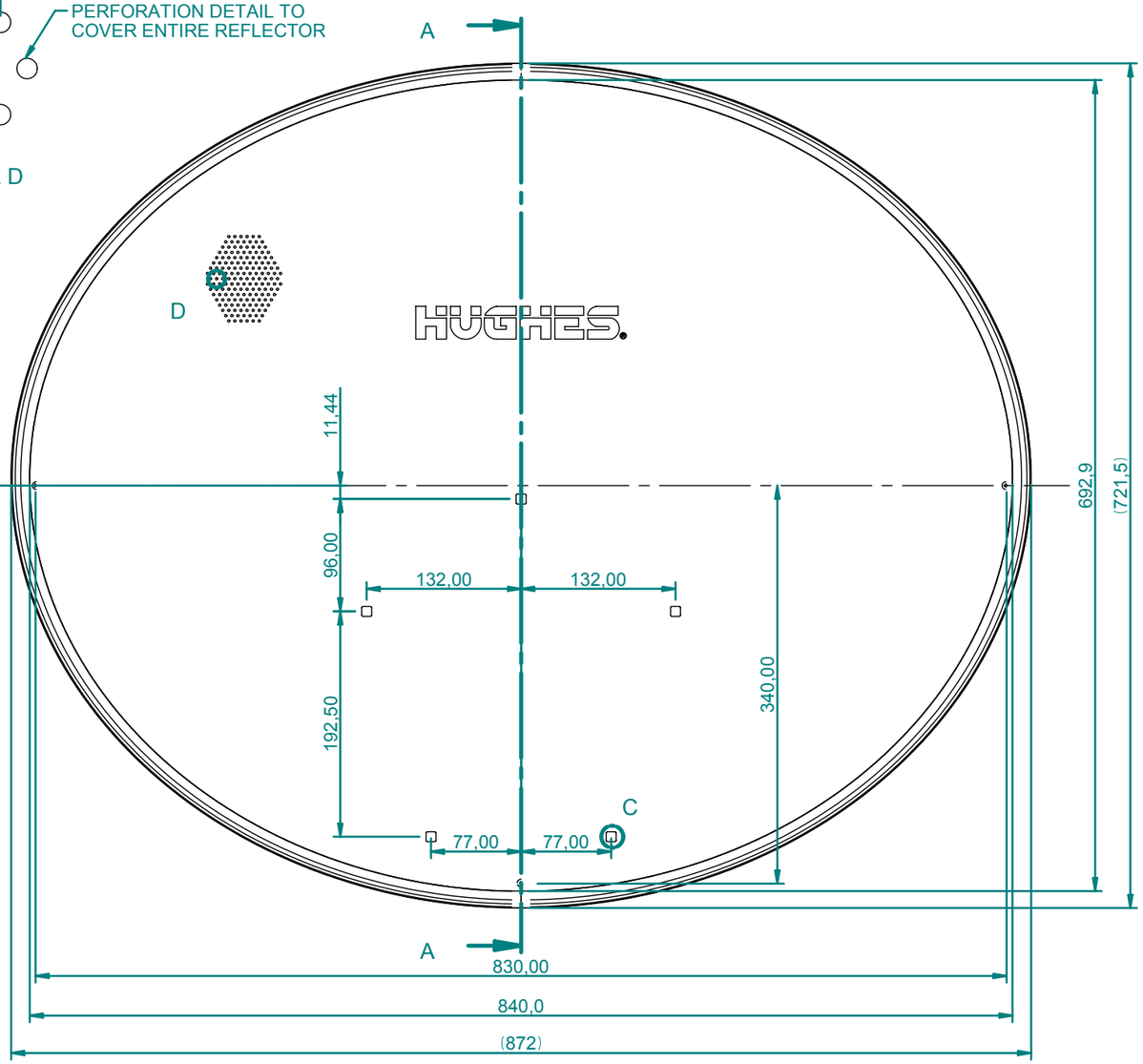


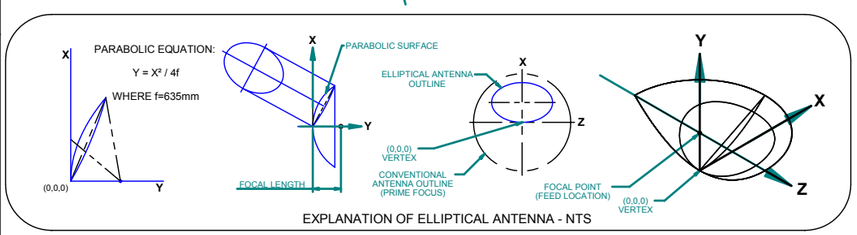
SECTION A-A

TYPICAL RIM DETAIL

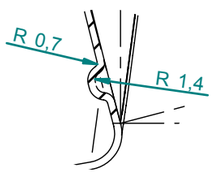


DETAIL D

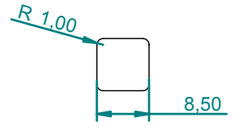




EXPLANATION OF ELLIPTICAL ANTENNA - NTS



DIMPLE DETAIL



HOLE DETAIL

ISSUE	MODIFICATION & POSITION	INIT	DATE
A	Initial issue	G.M	26/FEB/08

VOLUME = 659723mm³
SURFACE AREA = 1.10m²
MASS = 5.185kg

RAVEN

All Unstated Tolerances

1mm	±	1.0mm
1.0mm	±	0.4mm
1.00mm	±	0.1mm
1.000mm	±	0.05mm
Angles and Bends		0.5°

THIS DRAWING/SPECIFICATION IS ISSUED ON CONDITION THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT OF RAVEN MANUFACTURING

A3 SIZE

DRAWN	G.M	DATE	26/FEB/08
CHECKED		SCALE	1:5

TITLE *Ku 74cm PERFORATED REFLECTOR SCALED DRAWING*

RAVEN PART No *WP HNS010* | **RAVEN Dwg No** *1096-03-031*

MATERIAL *Material Thickness - 1.2mm*
Material Spec. - UK: DC04 to BS EN 10130
Perforation detail: 2mm Hole on a 5.2mm triangular pitch

FINISH *Powder Coat to withstand 700 hours salt spray when tested in accordance with ASTMB117*
Paint Colour: RAL 7016

REV *A*