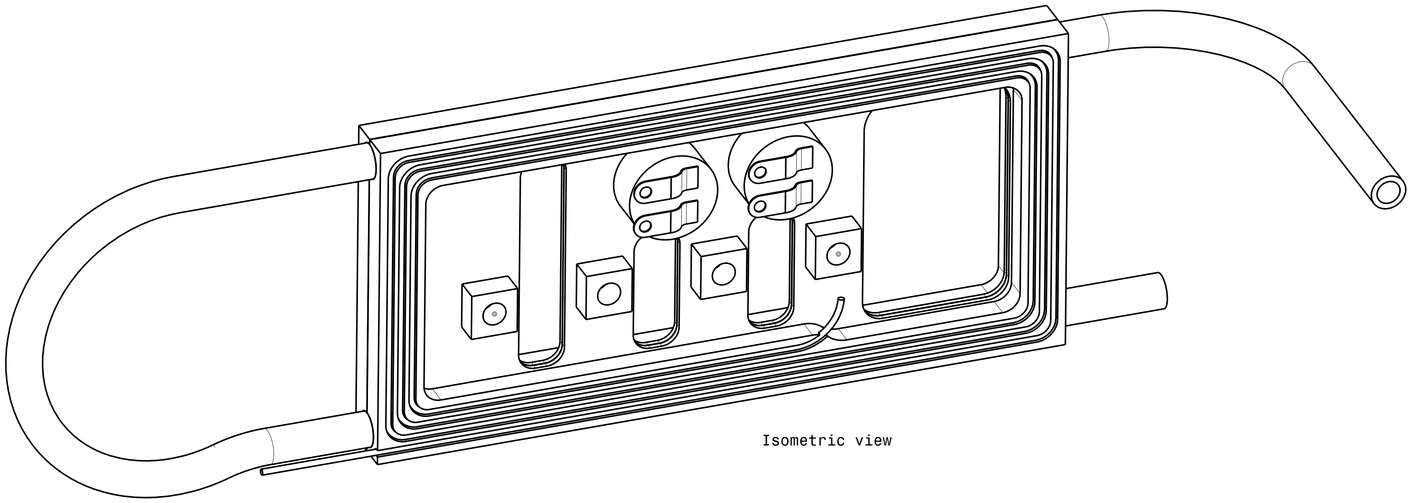
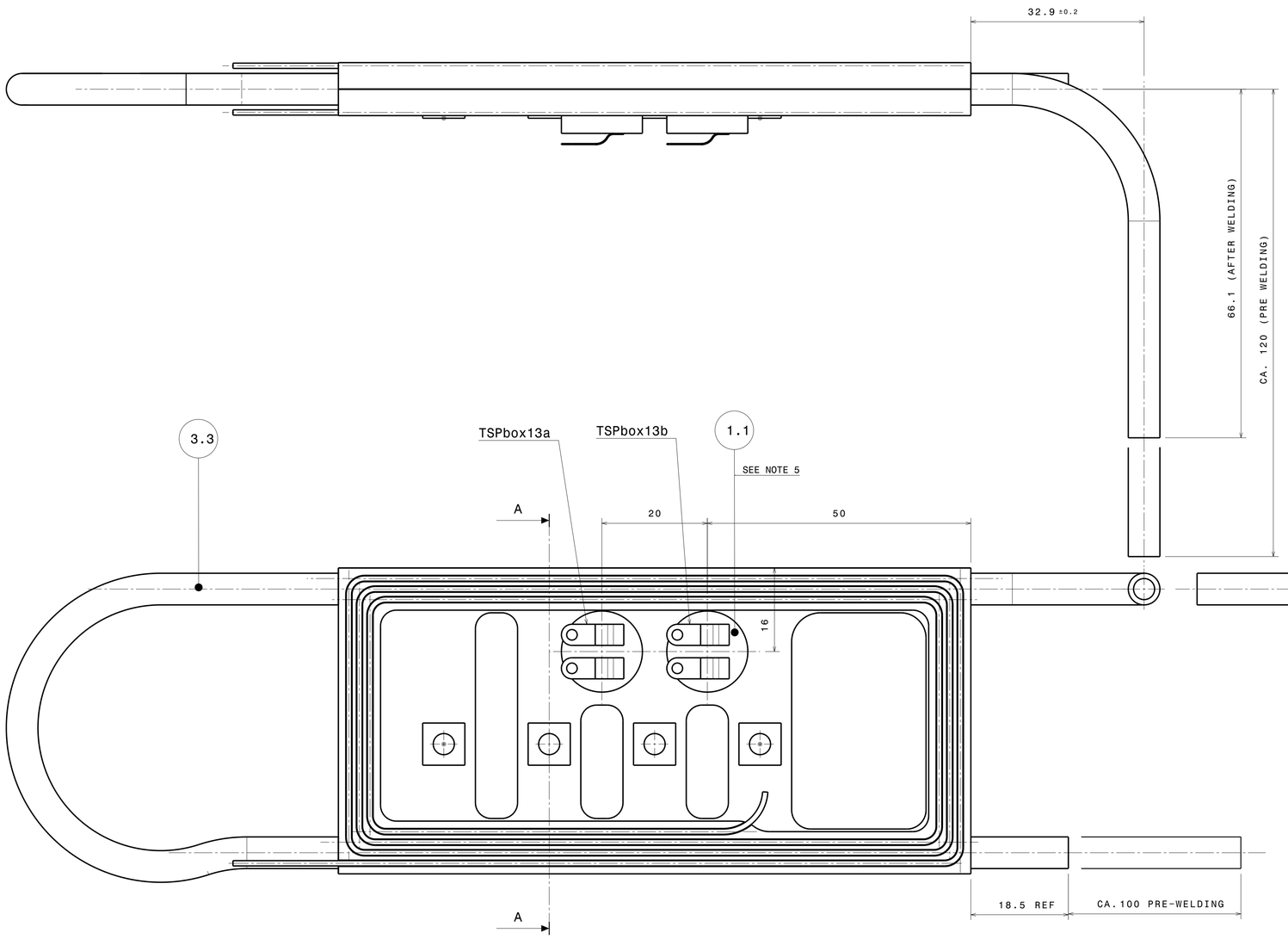
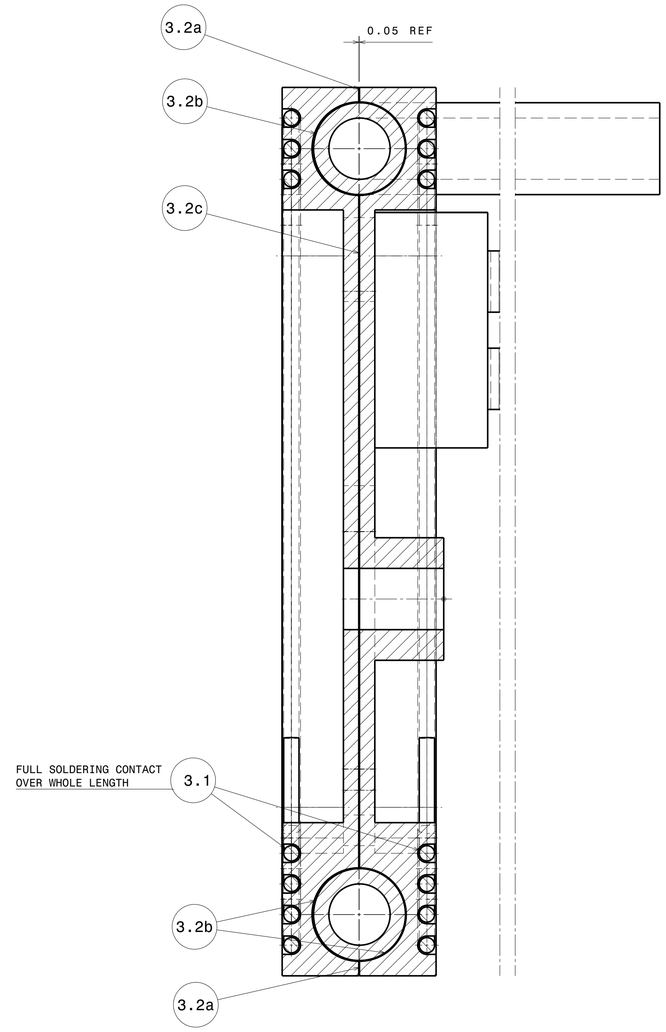
| REV. | DATE | DRAWN | CHECKED | APPR. | DESCRIPTION |
|---|---|---|---|---|---|
| A | 2007-11-7 | KvdW | | JvE | ADDED DIMENSION: 100 PRE-WELDING<br>PART 1.1 ADDED |



Isometric view




Section view A-A
scale 5:1

REMARKS:

1. TYPE OF SOLDERING AND SOLDERING MATERIAL TO BE DEFINED BY MANUFACTURER
2. ASSEMBLY PROCEDURE: A- BRAZE 2.1, 2.2 AND 3.3 TOGETHER
   B- ATTACH 3.1 BY SOLDERING
2. MAXIMUM TEMP OF HEAT WIRE CONNECTORS (PART 3.1) 200 ˚C
3. DESIGN PRESSURE 160 BAR
4. PRECAUTIONS SHOULD BE TAKEN TO AVOID STRESSES IN FINAL PRODUCT
5. THERMOSTATS 1.1 TO BE GLUED ACCORDING TO AMSTR-NLR-PR-038
   'THERMAL SWITCH INTEGRATION PROCEDURE'

| PART NO. | QTY. | PART | MATERIAL | REMARKS |
|---|---|---|---|---|
| 1.1 | 2 | THERMOSTAT | | COMEPA TH45200B1+80C+60C |

| | | NOMINAL DIMENSION | | | NOMINAL LENGTH OF SHORT ANGLE SIDE | | ANGLE DEVIATION | |
|---|---|---|---|---|---|---|---|---|
| | | LARGER THAN | UNTIL INCL. | TOL | LARGER THAN | UNTIL INCL. | DEG. | mm/100mm |
| SCALE: | 2:1 (5:1) | 0,5 | 3 | ±0,05 | LARGER THAN | UNTIL INCL. | DEG. | mm/100mm |
| DATE: | 2007-08-28 | 3 | 6 | ±0,05 | – | 10 | ±1° | ±1,8 |
| DESIGNED: | J. HALM | 6 | 30 | ±0,1 | 10 | 50 | ±0,5° | ±0,9 |
| DRAWN: | K. V.D. WETERING | 30 | 120 | ±0,15 | 50 | 120 | ±0,3° | ±0,5 |
| CHECKED: | G. ELBERTSEN | 120 | 400 | ±0,2 | 120 | 400 | ±0,15° | ±0,3 |
| | | 400 | 1000 | ±0,3 | | | | |
| APPROVED: | J. V. ES | DRAWING ACCORDING TO DUTCH STANDARDS | | | | | PROJECTION | |

PROJECT: AMS TTCS

SUBJECT:

# TTCBP FM: ASSY COLD ORBIT HEATER

NATIONAL AEROSPACE LABORATORY

PROJECT- CHAPTER NO.: ET5998-07

DRW. NO.: 001

SIZE: A1 | CATIA DRAWN | ISSUE: A