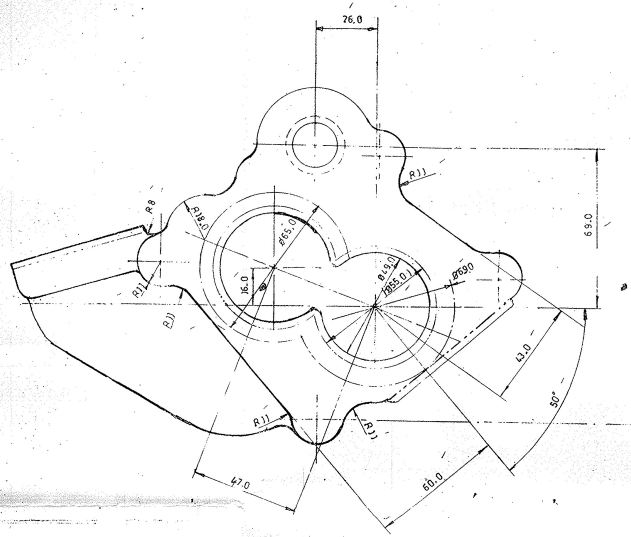
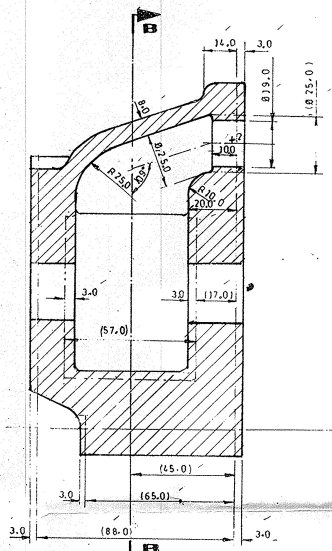
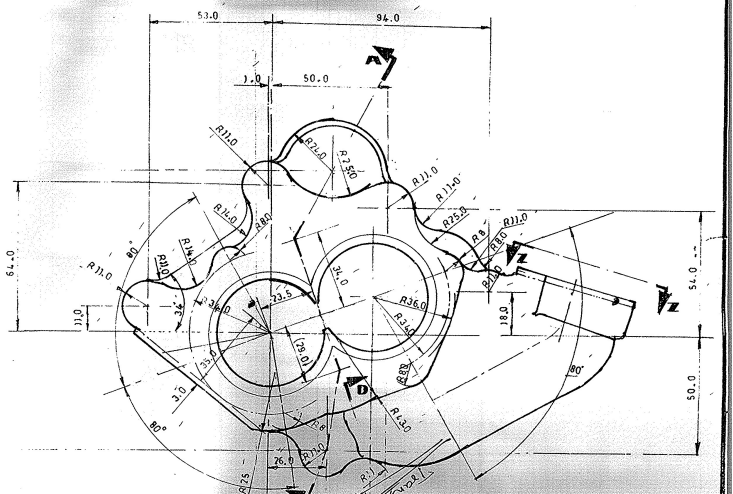
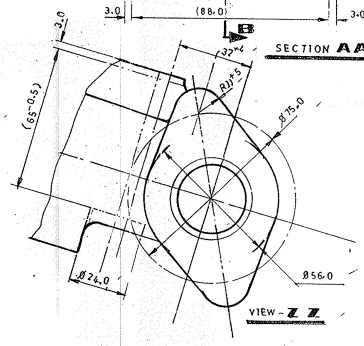
DRG NO :172.46.050-1-C



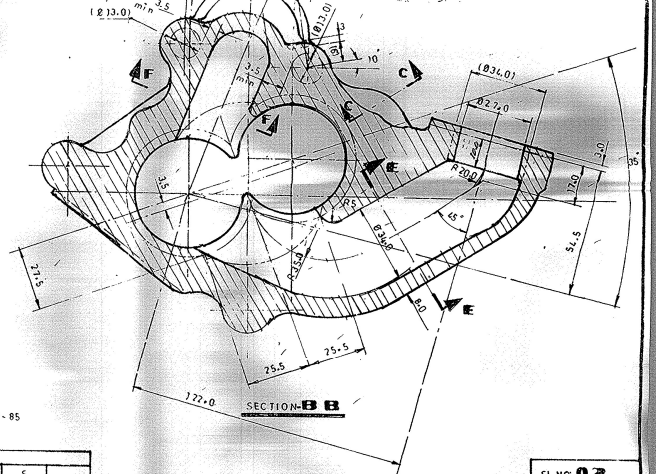




SECTION AA

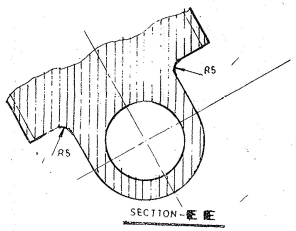



VIEW - Z Z




SECTION-BB

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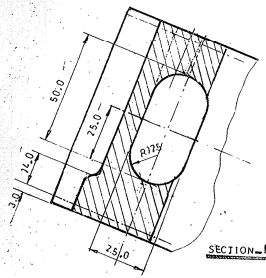


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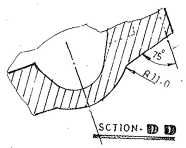


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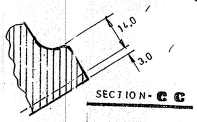


SECTION-CC

DIMNS ARE IN MM
CASTING SHOULD BE FREE FROM FOUNDRY DIVISION
PHANTOM LINES INDICATE M/Ced SURFACES

NOTE:-
Reference material quoted
Grey Iron casting of grade CU20 COST 1412-85

a) CHEMICAL COMPOSITION:

| Grade of Cast Iron | Contents of elements % | | | | |
|---|---|---|---|---|---|
| | C | Si | Mn | P Maximum | S |
| CH 20 | 3.3 - 3.5 | 1.4 - 2.2 | 0.7 - 1.0 | 0.20 | 0.15 |

b) MECHANICAL PROPERTIES

| Grde of Cast Iron | Ultimate tensile strength Kgf/mm² | Ultimate Bending strength Kgf/mm² | Hardness HB |
|---|---|---|---|
| | Minimum | | |
| CH 20 | 20 | 40 | 170 - 241 |

SL NO: 03

**ADDISON & CO LTD.,**
FOUNDRY DIVISION,
Chennai - 602 103

SHEET NO 1/1
Scale :- 1:1

| | | | |
|---|---|---|---|
| Material | Refer NOTE | Name | BODY DELIVERY PUMP (Casting) |
| Drn | R.Ramalingam 3.6.2003 | PART NO | 172.46.050-1 Rev 2) 17.07 |
| Chd | | DRG NO | 172.46.050-1-C Rc |
| Appd | | | |