



NOTES:

- Nº OF ASSEMBLIES REQUIRED ~ 2
- BODY COVER TO BE HEAVY GALVANIZED AFTER FABRICATION
- HYDRO TEST PRESSURE - 30 PSI.

~ STRAINER PLATE AREA = $23\frac{1}{2} \times 30\frac{1}{2}$ = 703 SQ. IN.

~ STRAINER, MEDIUM Ø PERFORATIONS ~ OPEN AREA = 40%

~ OPEN AREA THROUGH STRAINER = $703 \times \frac{40}{100}$ = 281 SQ. IN.

~ AREA THROUGH 10" O.D. PIPE (9" I.D.) = 63.6 SQ. IN.

~ RATIO OF AREA = $\frac{281}{63.6}$ = 4.42:1

[illegible]