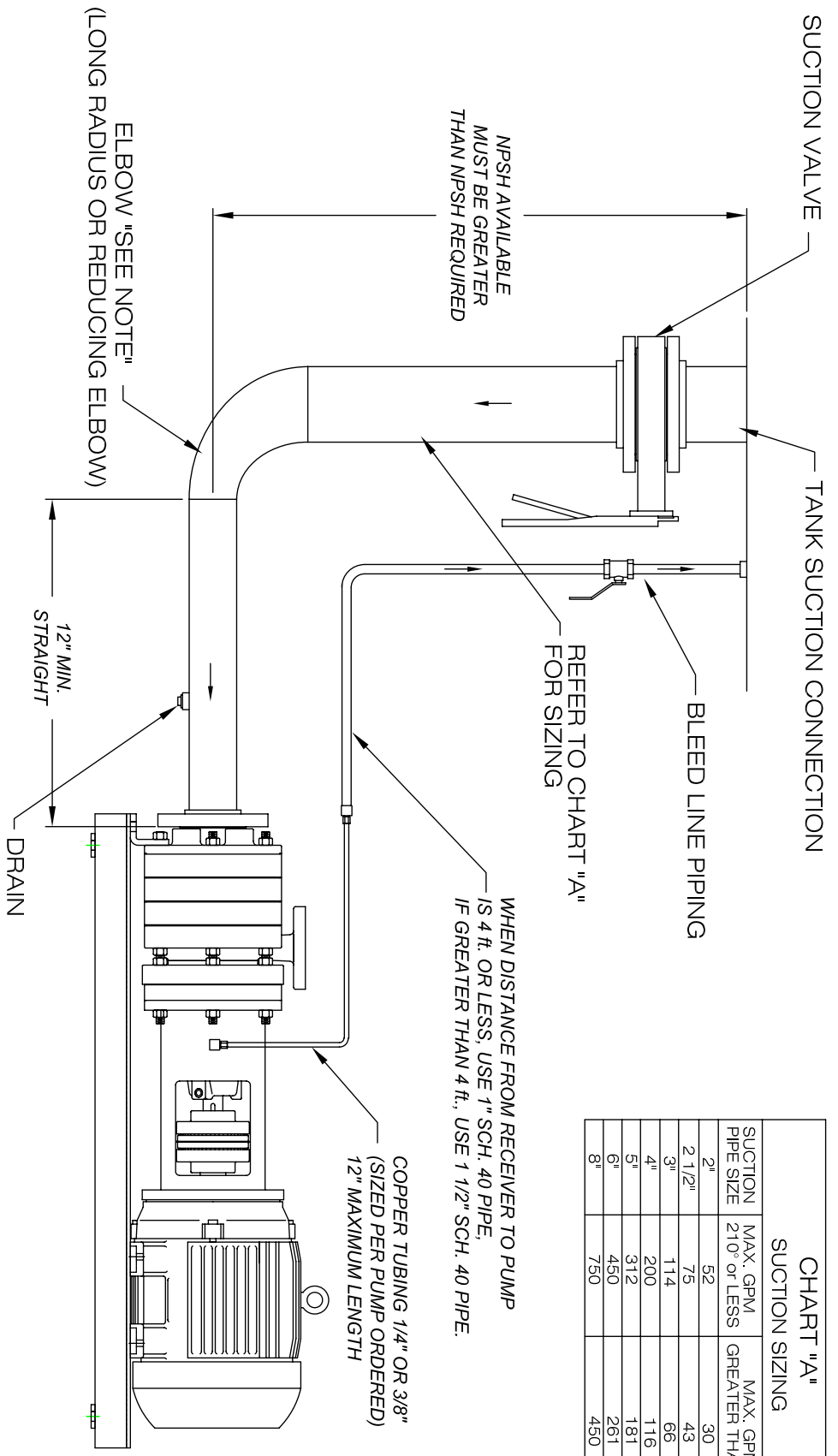


CHART "A"		
SUCTION SIZING		
SUCTION PIPE SIZE	MAX. GPM 210° or LESS	MAX. GPM GREATER THAN 210°
2"	52	30
2 1/2"	75	43
3"	114	66
4"	200	116
5"	312	181
6"	450	261
8"	750	450



NPSH AVAILABLE  
MUST BE GREATER  
THAN NPSH REQUIRED

ELBOW "SEE NOTE"  
(LONG RADIUS OR REDUCING ELBOW)

12" MIN.  
STRAIGHT

DRAIN

WHEN DISTANCE FROM RECEIVER TO PUMP  
IS 4 ft. OR LESS, USE 1" SCH. 40 PIPE.  
IF GREATER THAN 4 ft., USE 1 1/2" SCH. 40 PIPE.

COPPER TUBING 1/4" OR 3/8"  
(SIZED PER PUMP ORDERED)  
12" MAXIMUM LENGTH

NOTE: IF TANK SUCTION CONNECTION IS LARGER OR SMALLER  
THAN PUMP SUCTION CONNECTION A REDUCING ELBOW IS REQUIRED.

**SHIPCO®**  
**SPUMPS**

MANUFACTURED BY  
SHIPPENSBURG PUMP COMPANY INC.  
P.O. Box 279 Shippensburg, Pa. 17257  
PHONE 717 532-7321 / FAX 717 532-7704  
WWW.SHIPCOPIUMPS.COM  
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**CENTRIFUGAL PUMP  
SUCTION PIPING**

DRAWN BY M.E.R.	DATE 3/06	REVISION .1
PIPING DIAGRAM <b>30037</b>		