



LEGEND

- QUICK DISCONNECT FITTING
- SWING ELBOW JOINT
- FLEXIBLE PRODUCT/WASH TUBING
- CIP BALL
- BALL VALVE
- GATE VALVE
- CVx
3A AIR OPERATED CONTROL VALVE. SEE VALVE SCHEDULE FOR PARTICULARS. TWO WAY OR THREE WAY AS SHOWN.
- SVx
ELECTRICALLY OPERATED INDUSTRIAL SOLENOID VALVE. SEE VALVE SCHEDULE FOR PARTICULARS. TWO WAY OR THREE WAY AS SHOWN.
- P_x
PUMP. SEE PUMP SCHEDULE FOR PARTICULARS.
- 3A
FLOW METER/CONTROLLER. "3A" INDICATES CONFORMANCE WITH SANITARY STANDARDS.
- FI 1
INSTRUMENT TAG PER ISA STANDARDS
- CIP SUPPLY PIPING
- CIP RETURN PIPING
- 1/2" 80# COMPRESSED AIR PIPING
- ELECTRICAL CONNECTION

23 GPM - WHEY LINE OR TRANSFER PUMP ONLY : 1.15 fps
 43 GPM - BULK TANK ONLY : 2.15 fps
 46 GPM - WHEY LINE AND TRANSFER PUMP : 2.3 fps
 69 GPM - BULK TANK & (TRANSF. PUMP OR WHEY LINE) : 3.4 fps
 89 GPM - BULK TANK & TRANSF. PUMP & WHEY LINE : 4.4 fps

NOTES

1. ALL PIPING TO BE STAINLESS STEEL FOOD SERVICE TUBING, 1-1/2" TRADE SIZE UNLESS OTHERWISE NOTED.

CREAMERY

OLD CHATHAM SHEPHERDING CO,
 OLD CHATHAM, NY
 COLUMBIA COUNTY

W. MICHAEL ANTONSON, R.A.
 ARCHITECT

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REVISIONS:		
NO.	DATE:	DESCRIPTION
1	4/28/97	COORDINATED CONSTRUCTION ISSUE
0	4/7/97	PROCUREMENT AND CONSTRUCTION
B	3/13/97	COORDINATION AND PRICING
A	3/3/97	PRE-RELEASE COORDINATION

MECHANICAL WORK PROCESS PIPING AND INSTRUMENT DIAGRAM		
SCALE:	DATE:	DRAWING NO.
NONE	4/28/97	M6
DRAWN BY: TOM SZEKELY		

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