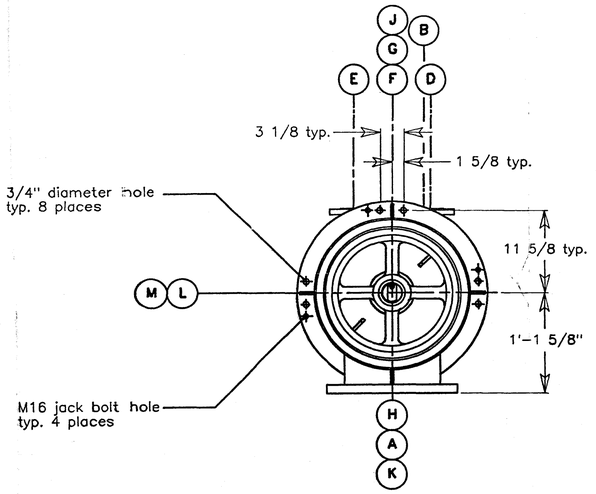

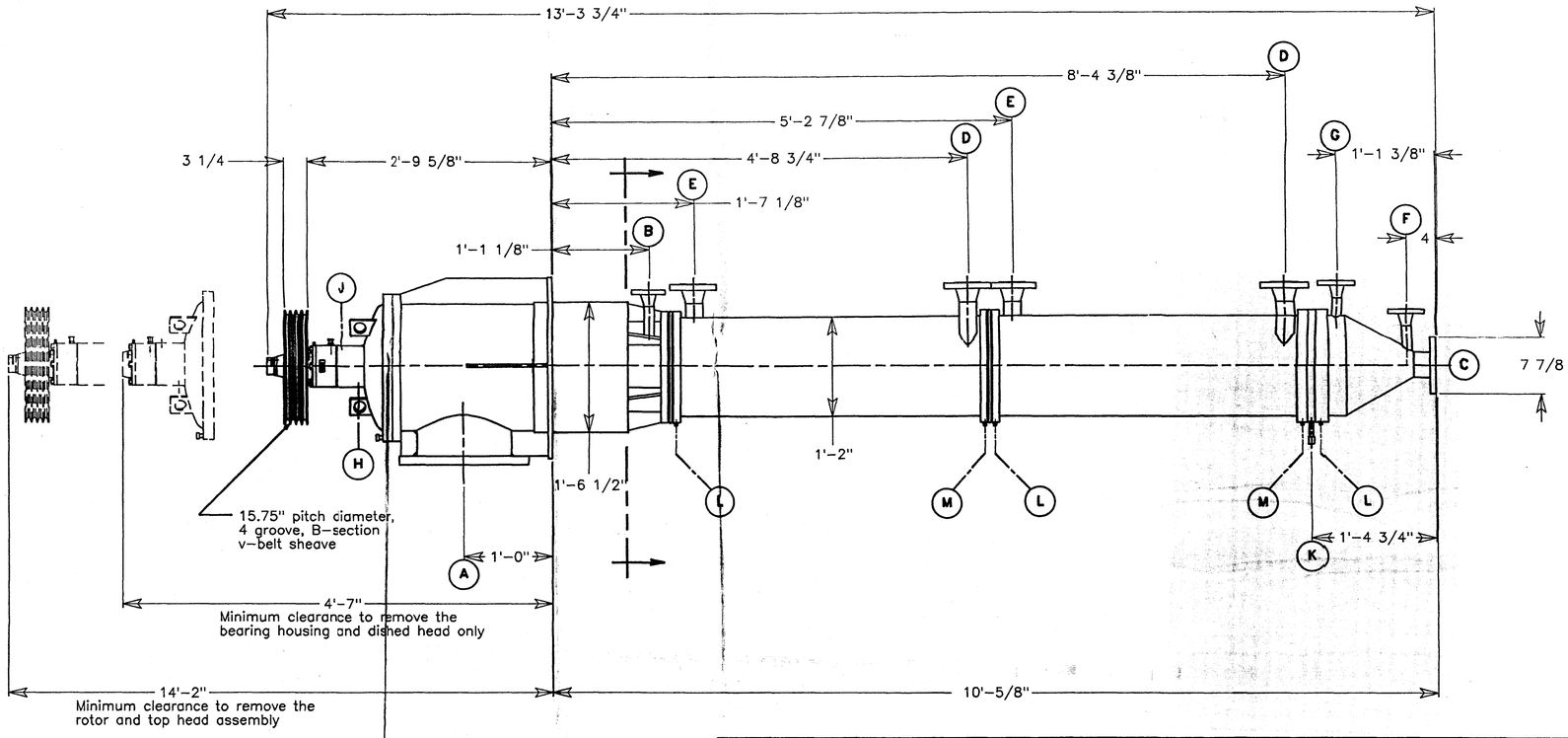

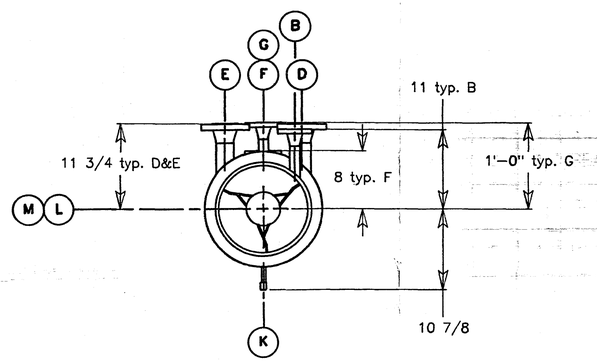

View A-A

CERTIFIED PRINT FOR

FMC CORPORATION

APPROVED FOR FMC P.O. No. 44042540

NEWTON MACHINE CO., INC.

BY _____ DATE AUGUST 10,1999

DO NOT SCALE DRAWINGS

GENERAL NOTES

1. HEATING SURFACE ---------- 21.6 FT
2. MAXIMUM ALLOWABLE WORKING PRESSURE:
   PROCESS AREA: FULL VACUUM TO 15PSIG
   A. THERMAL SECTION (JACKETED)---150 PSIG @ 365°F
      125 PSIG @ 650°F
   B. SEPERATOR SECTION----------NOT JACKETED
   C. CONICAL BOTTOM (JACKETED)-----150 PSIG @ 365°F
      125 PSIG @ 650°
3. WEIGHTS:
   A. UNIT FLOODED---------- 2300 LBS.
   B. UNIT EMPTY----------1650 LBS.
   C. ROTOR & TOP COVER---------- 363 LBS.
4. THE ROTOR TURNS IN A CLOCKWISE DIRECTION WHEN VIEWED FROM THE TOP LOOKING DOWN

NOZ.	QTY.	SERVICE	DESCRIPTION	REMARKS
M	2	JACKET DRAIN	1/4" FEMALE NPT	PLUGGED
L	3	JACKET VENT	1/4" FEMALE NPT	PLUGGED
K	1	LUBRICANT INLET	1/4" FEMALE NPT	PLUGGED, TO BE REMOVED
J	1	SEAL LUBRICANT OUTLET	1/4" FEMALE NPT	PLUGGED, TO BE REMOVED
H	1	SEAL LUBRICANT INLET	1/4" FEMALE NPT	PLUGGED, TO BE REMOVED
G	1	HOT OIL OUTLET	1"@ 300# ANSI RAISED FACE FLANGE STAINLESS STEEL	MATING FLANGE NOT FURNISHED
F	1	HOT OIL INLET	1"@ 300# ANSI RAISED FACE FLANGE STAINLESS STEEL	MATING FLANGE NOT FURNISHED
E	2	HOT OIL OUTLET	2"@ 300# ANSI RAISED FACE FLANGE STAINLESS STEEL	MATING FLANGE NOT FURNISHED
D	2	HOT OIL INLET	2"@ 300# ANSI RAISED FACE FLANGE STAINLESS STEEL	MATING FLANGE NOT FURNISHED
C	1	PRODUCT OUTLET	3"@ 150# DIN FEMALE T&G FLANGE 316LSS	MATING FLANGE NOT FURNISHED
B	1	PRODUCT INLET	1"@ 150# DIN FEMALE T&G FLANGE 316LSS	MATING FLANGE NOT FURNISHED
A	1	VAPOR OUTLET	12"@ 150# DIN FEMALE T&G FLANGE 316LSS	MATING FLANGE NOT FURNISHED

NOZZLE SCHEDULE

REV.	BY	DATE	CK.	DATE	APPR.	DATE	DESCRIPTION
A	DLH	8/4/99	—	—	JLL	8/5/99	Certified Outline Drawing Issue

NEWTON MACHINE CO., INC.
1120 N. HOSKINS ROAD
CHARLOTTE, NC 28216

TOLERANCES UNLESS OTHERWISE SPECIFIED:
X.X ± .030" ANGLE ± 1°
X.XX ± .015" SURFACE 125
X.XXX ± .005" FINISH

TITLE: V216 Wave Evaporator

DWG. NO. 18440-1C

REV. A

93793