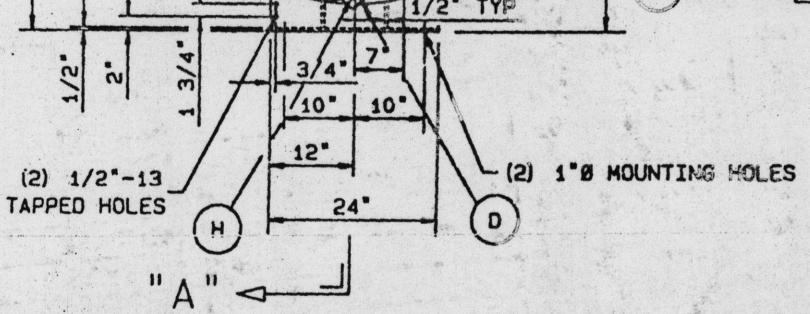

3 1/

(C) TUBE SIDE INLET ---- 3" SCH. 160 (.438")
(D) TUBE SIDE OUTLET --- 3" SCH. 160 (.438") — END BEVELED FOR C

(E) SHELL SIDE INLET --- 4" SCH. 40 (.237")
(F) SHELL SIDE OUTLET -- 4" SCH. 40 (.237") — END BEVELED FOR E

(G) SHELL SIDE VENT ---- 1"- 3000# SOCKET WELD

(H) SHELL SIDE DRAIN --- 1"- 3000# SOCKET WELD

UNIT PLAN

MATERIAL LIST

PART NO.	PART NAME	MATERIAL	SPEC.
1	TUBE COILS	T-316L S.S.	SA-213
2	TUBE SHEET	T-316L S.S.	SA-240
3	TUBE SIDE CHANNEL BODY	T-316L S.S.	SA-182
5	CHANNEL NOZZLE	T-316L S.S.	SA-182
6	CASING BASE PLATE	CARB. STEEL	SA-516
7	CASING END PLATE	CARB. STEEL	SA-516
8	CASING SHELL	CARB. STEEL	SA-516
9	CASING NOZZLE PIPE	CARB. STEEL	SA-106
10	CASING PIPE TO TUBE SHEET	CARB. STEEL	SA-106
11	SOCKET WELD CPLG	FORGED STEEL	SA-105
12	SUPPORTS	CARB. STEEL	SA-516
13	FLOWSEAL	T-304 S.S.	
14	CHEMICAL CONNECTOR	MATERIALS PER ANCHOR	

CUSTOMER ------ MILL POWER SUPPLY CO.
CUST. ORD. NO.- N46923-13
GRAHAM JOB NO.- 64770HC (ORIGINAL JOB NO. FOR COOLERS-
DESIGN -------- A.S.M.E. SECT. III, CL-3 (1980), ADDEND
CONSTRUCTION -- A.S.M.E.
INSPECTION ---- A.S.M.E. & CUSTOMER
STAMPING ------ A.S.M.E. ("N" STAMP REQ'D)
PAINT --------- COMM GRIT BLAST CARBON STEEL
(1) PRIME COAT CARBO-ZINC 11 (3) MILS D
(1) FINISH COAT PHENOLINE 305 (4) MILS
PER DUKE POWER CO. NUCLEAR COATING SPEC

DUKE POWER CO. SPECIFICATION NO.--- OSS-0201.