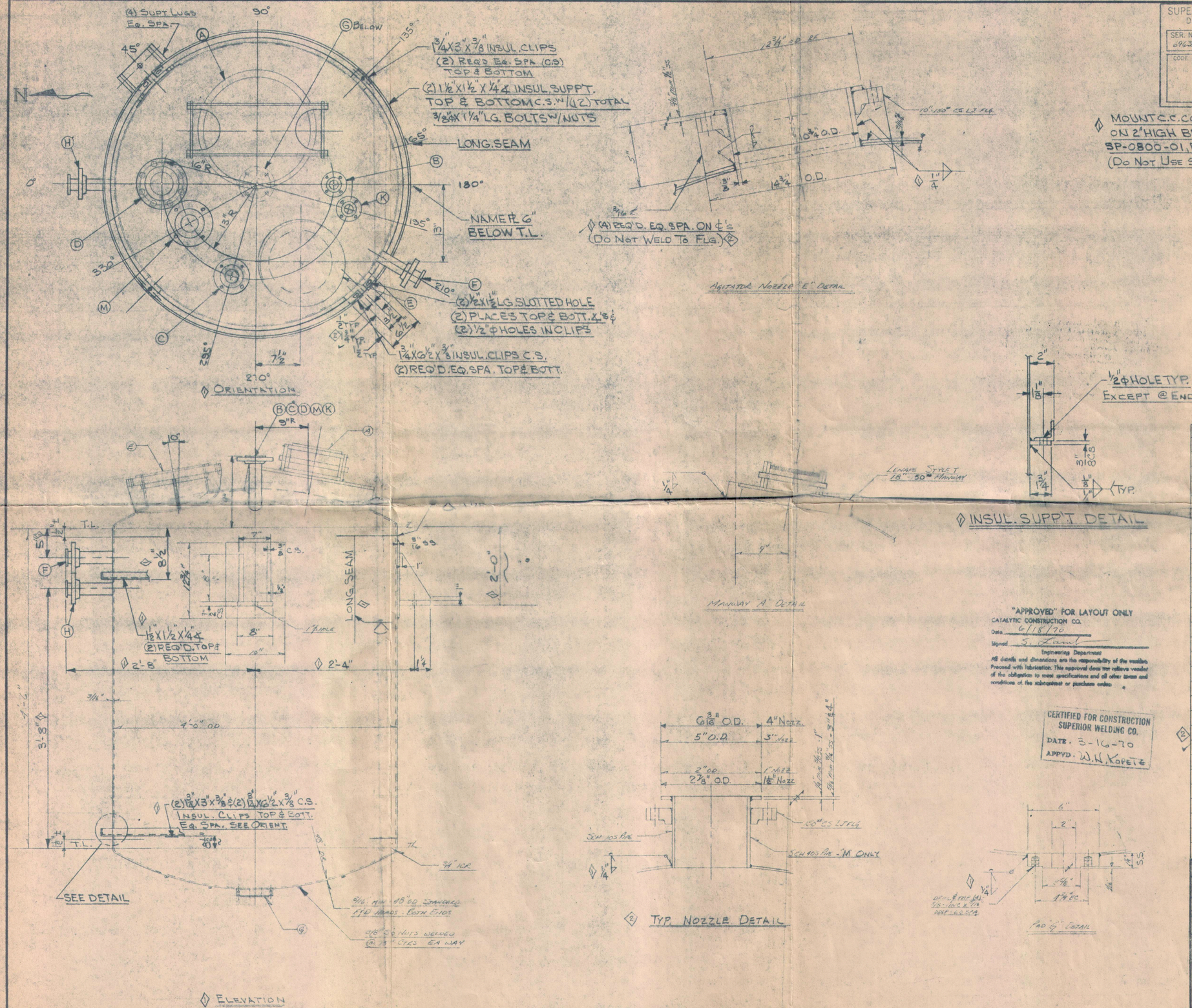
220147 - GENERAL ARRANGEMENT



SUPERIOR WELDING CO.
DECATUR, ILLINOIS

SER. No.	YEAR	N.ED. No.
69638	1970	

CODE			
DES. PR. PSI	15		
DES. T. °F	400		

FITTING SCHEDULE

MK	NO. REQ'D	DESCRIPTION	REMARKS
A	1	18"-50" LENGTH LAPNDOOR	MANWAY
B	1	1" NOZZLE LJ	COIL INLET
C	1	4" NOZZLE LJ	RUPTURE DISC
D	1	2" NOZZLE LJ	VAPOR OUTLET
E	1	10" NOZZLE LJ	AGITATOR
F	1	1½" NOZZLE LJ	LEVEL CONTROL
G	1	4" PIPE-150#	OUTLET
H	1	4" NOZZLE LJ	LEVEL CONTROL
J			
K	1	1" NOZZLE LJ	PT
L			
M	1	3" NOZZLE LJ	TEMPERED H_2O
N			
P			
Q			
R			
S			
T			
U			
V			

FITTING SCHEDULE NOTE

NOZZLE FLANGE DIMENSIONS TO CONFORM TO 150# ASA LJ STD. BOLT HOLES TO STRADDLE ℄'S PARALLEL TO PRINCIPAL VESSEL ℄'S.

VESSEL SPECIFICATIONS

CONSTRUCTION: CODE – PER ASME SEC VIII 1968 ED. DIV. 1

DESIGN CONDITIONS:	SHELL	JACKET, COIL OR TUBE
PRESS. & TEMP.	15 PSI @ 400°F	
TEST – HYDROSTATIC	30 PSI	

MATERIAL

SHELL: SA 240 316 SS
HEADS: SA 240 316 SS
JACKET SHELL:
JACKET HEADS:
SHELL NOZZLES: NECKS SA-312 316 SS FLANGES SA-181-1
JACKET NOZZLES: NECKS FLANGES
COILS:
BOLTING: SA-307
GASKETS: 1/16" JM 61
SUPPORTS: C.S.
CODE INSPECTION & STAMP:
INSPECTION – OTHER – BY CUSTOMER
RADIOGRAPH: NONE THERMAL TREATMENT NO.
CORR. ALLOW: NONE
PAINT: SANDBLAST & PAINT EXT. C.S. PARTS ONLY W/ (1) COAT U.S.S. CORP # F-4624 DARK GRAY ZINC DUST TO (1) MIL MIN. DRY FILM THK.
WEIGHT: EMPTY = 1350# FULL OF H_2O = 5320# VOL = 477.5 GAL.
REFERENCE DWG. & SPECS.: DWG - USSC # 3-012 COC # F-08021 REV 6
SPECS: SP-0800-01, SP 2300-03, SP-33020-2900-00-17
REFERENCE ORDER: PO# 33020-0801-13
ITEM: V-730 PREPARE FOR SHIPMENT PER SP-0800-01, PARA. 15
PAINT ITEM NO. 0° - 180° CENTERLINE, SHIP. WT. & NORTH ARROW IN 2" HIGH CHARACTERS.
V.P. 33020-0801-13-21R 3

"APPROVED" FOR LAYOUT ONLY
CATALYTIC CONSTRUCTION CO.
Date 6/18/70
Signed S. Lamb
Engineering Department
All details and dimensions are the responsibility of the vendor. Proceed with fabrication. This approval does not relieve vendor of his obligation to meet specifications and all other terms and conditions of the subcontract or purchase order.

CERTIFIED FOR CONSTRUCTION
SUPERIOR WELDING CO.
DATE. 3-16-70
APPVD. W.H. KOPETE

REVISIONS		
NO.	REVISED FROM	DATE
1	GENERAL REVISIONS	8-12-70
2	ADD NOTE @ DET'L NOTES: "E" - REVISE PAINT NOTE "N" WAS: 1 VE. NOZZLE 2" WAS 2" REWD. & 3 VER FROM SHEET DETAIL	5-14-70

V-730

SUPERIOR WELDING CO.
DECATUR, ILLINOIS

400 GAL. SODA-ASH SLURRY TANK
CATALYTIC CONSTRUCTION CO

MADE C.S.
CHK'D
APPV'D
DATE 11 Dec 67
SCALE
CONTRACT 30 69638
DRAWING NO. L69-638-A
REV. 2