



ORIGINAL DRAWING MADE ON DU PONT POLYESTER FILM

NO.	DATE	BY	CHKD.	APPD.	REVISION
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VALVE BOX NO.	DIM. A'	WGT.
W518-17-1,2,3,4	8'-3"	8500#
W518-17-5	9'-6"	8600#

- GENERAL NOTES:**
- MATL: BOX & INTERIOR PCE'S 304L SST. PER SW 300M. ALL CORE PIPING WILL BE 304L AND CORR. EVAL. PER SPEC. 4482-P48. OTHER 304L PIPING TO BE COMM. QUALITY PER SW 300M (CORR. EVAL. NOT REQ'D). JACKET EXT. PCE'S C.S. SA36 AND DESIGNATED WITH C.S. FOR GRAYLOCK HUBS SEE PURCHASE ORDER AKC-5772-4 (BFF 214550).
 - WELDING: SST TO SST - SPEC. SW 17 W. C.S. TO C.S. - SPEC. SG 5.1 S. SST TO C.S. - SPEC. SW 20.1 W (E309 OR E310 ELECTRODES).
 - ALL UNDERGROUND PIPING & METAL SURFACES IN CONTACT WITH EARTH TO BE COATED & WRAPPED AS FOLLOWS: PER SRP STD 7797 SYSTEM C.
 - FABRICATION OF VESSEL TO BE IN ACCORDANCE WITH STD. SG 5 S.
 - HYDROSTATIC TEST CORE PIPING PER SPEC. 4482, P48.
 - CORROSION ALLOWANCE: NONE (EXCEPT ON PIPING PER SPEC.).
 - BREAK ALL SHARP EDGES.
 - DYE CHECK ALL PENETRATION WELDS THRU VALVE BOX AND BOTTOM PL. CLOSURE WELDS AND ALL LIFTING LUG & TRUNNION WELDS.
 - ROLLER SLOT TO BE CHECKED FOR SMOOTH ROLLER TRAVEL BEFORE FINAL ASSEMBLY.
 - HYDRO-TEST BOX BY FILLING WITH WATER AND HOLDING FOR 24 HRS.

M/F	TYPE	D181085	LAST
	26		59
			REV.

SAVANNAH RIVER PLANT
BLDG. 241H TANK 4,5,6,7 & 8
WASTE TRANSFER FACILITIES
VALVE BOX DET. W518-17-1,2,3,4,5
PROCESS (L.I.)

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TOLERANCES ON ALL DIMENSIONS, UNLESS OTHERWISE NOTED, TO BE:
DECIMALS: 1-PLACE ± 0.05 IN.
FRACTIONS ± 1/8" 2-PLACE ± 0.01 IN.

PROJECT 9S 2061
SCALE 1/8" = 1'-0" AS NOTED
DATE
DRAWN: SANCHEZ
CHECKED: CARROLL
APPROVED: [Signature]
I.C.R. [Signature]
APPROVED: [Signature]
FINAL [Signature]
E.I. DU PONT DE NEMOURS & CO., INC.
WILMINGTON, DELAWARE
ENGINEERING DEPARTMENT
D 181085