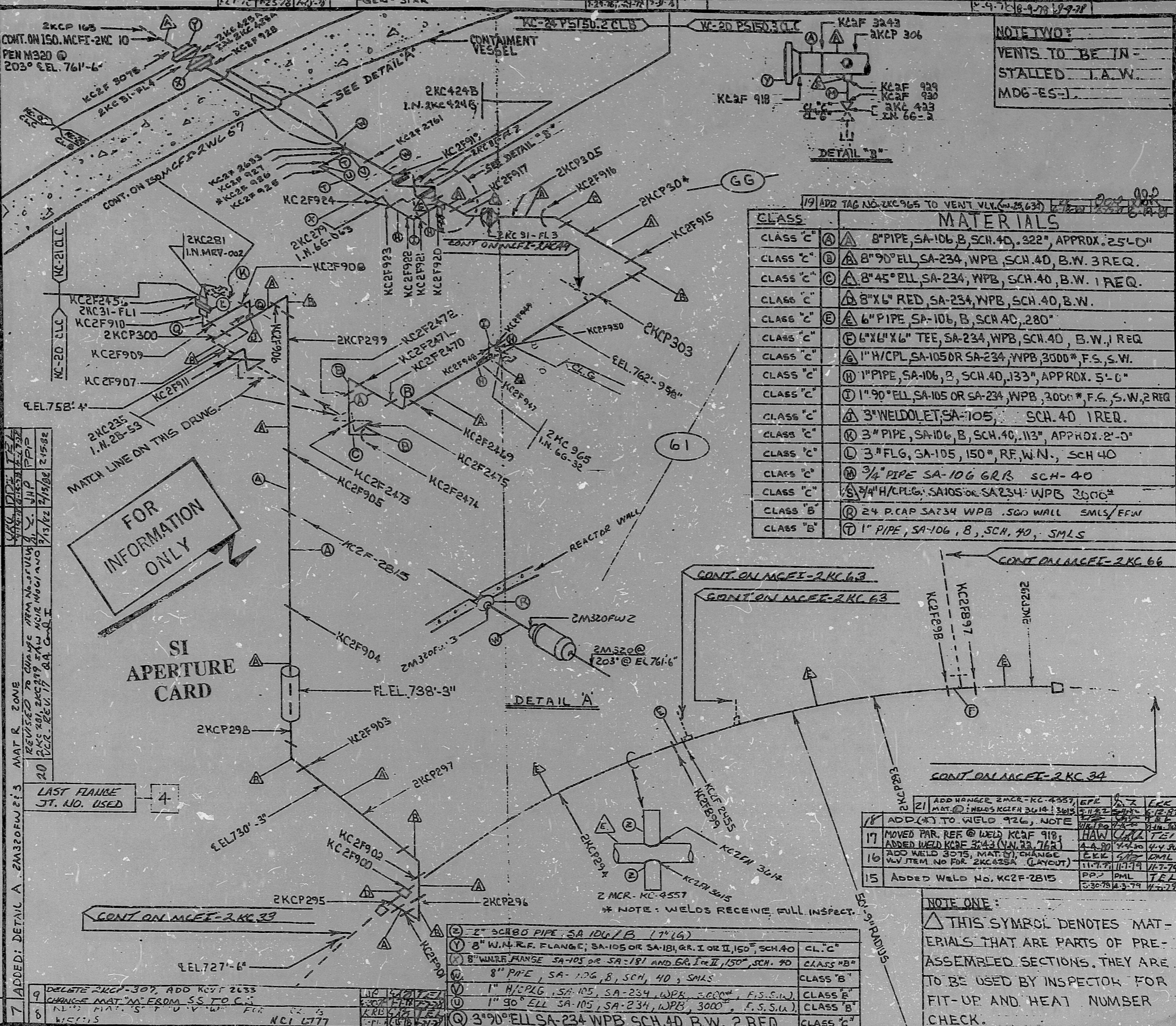


INSERVILE INS DETAIL A

REV. 21
 BUILDING: REACTOR BUILDING
 ISO NO.: MCFI-2KC 31
 DUKE PIPING CLASS: ASME SECT. III CL. B (C)
 SYSTEM SYMBOL: COMPONENT COOLING
 PIPING SPEC.: KC-24 PS 150.2 KC-2D PS 150.3 KC-21 PS 151.3
 DRAWING NO.: MC-2411-D3-20-DD, 20-03
 PROJECT: MCGUIRE

NO.	REVISION	DATE	BY	CHKD.	APPR.
7	ADDED: DETAIL A. 2M320FWZ'S MAT. R. ZONE	11-27-78	PP	PP	PP
6	REMOVED TO CH. MC 2411-D3-20-DD, 20-03	11-27-78	PP	PP	PP
5	DELETED WELDS KCF2912 & SKETCHES 2KCP291 THRU 2KCP292 REVISOR PER LAYOUT DRWG. & WELD KCF291 CHANGE MAT. 3075 IN BILL OF MAT. CONF. CHANGE & ELL. CHANGE	11-27-78	PP	PP	PP
4	ADDED PIECE AND WELD KCF 2955	11-27-78	PP	PP	PP
3	WELDED TO ADD FLANGE JT. NO. 1	11-27-78	PP	PP	PP
2	REV. TO ADD CONTINUATIONS	11-27-78	PP	PP	PP
1	REVISED TO ADD ID. TO 6"X6"X6" TEE	11-27-78	PP	PP	PP
0	REL. FOR CONST. PER V.N. (6787)	11-27-78	PP	PP	PP



FOR INFORMATION ONLY

CLASS	MATERIALS
CLASS "C" (A)	8" PIPE, SA-106, B, SCH. 40, .322", APPROX. 25'-0"
CLASS "C" (B)	8" 90° ELL, SA-234, WPB, SCH. 40, B.W. 3 REQ.
CLASS "C" (C)	8" 45° ELL, SA-234, WPB, SCH. 40, B.W. 1 REQ.
CLASS "C" (D)	8" X 6" RED, SA-234, WPB, SCH. 40, B.W.
CLASS "C" (E)	6" PIPE, SA-106, B, SCH. 40, .280"
CLASS "C" (F)	6" X 6" X 6" TEE, SA-234, WPB, SCH. 40, B.W. 1 REQ.
CLASS "C" (G)	1" H/CPLG, SA-105 OR SA-234, WPB, 3000#, F.S.S.W.
CLASS "C" (H)	1" PIPE, SA-106, B, SCH. 40, .133", APPROX. 5'-0"
CLASS "C" (I)	1" 90° ELL, SA-105 OR SA-234, WPB, 3000#, F.S.S.W., 2 REQ.
CLASS "C" (J)	3" WELDOLET, SA-105, SCH. 40 1 REQ.
CLASS "C" (K)	3" PIPE, SA-106, B, SCH. 40, .113", APPROX. 2'-0"
CLASS "C" (L)	3" FLG, SA-105, 150°, R.F.W.N., SCH. 40
CLASS "C" (M)	3/4" PIPE SA-106 GR. B SCH. 40
CLASS "C" (N)	3/4" H/CPLG, SA-105 OR SA-234, WPB 3000#
CLASS "B" (O)	24 P. CAP SA-234 WPB .563 WALL SMLS/EFW
CLASS "B" (P)	1" PIPE, SA-106, B, SCH. 40, SMLS

NOTE TWO:
 VENTS TO BE INSTALLED I.A.W. MDG-ES-1.

12	ADD MAT. 'X' AND WELD KCF 2955	PP	PP	PP	PP
11	CHANGE MAT. 'X' FROM SS TO C-5	PP	PP	PP	PP
10	DELETE 2KCP-307, ADD KCF 2933	PP	PP	PP	PP
9	ADD MAT. 'X' AND WELD KCF 2955	PP	PP	PP	PP
8	CHANGE MAT. 'X' FROM SS TO C-5	PP	PP	PP	PP
7	ADD MAT. 'X' AND WELD KCF 2955	PP	PP	PP	PP
6	DELETE 2KCP-307, ADD KCF 2933	PP	PP	PP	PP
5	CHANGE MAT. 'X' FROM SS TO C-5	PP	PP	PP	PP
4	DELETE WELDS KCF2912 & SKETCHES 2KCP291 THRU 2KCP292 REVISOR PER LAYOUT DRWG. & WELD KCF291 CHANGE MAT. 3075 IN BILL OF MAT. CONF. CHANGE & ELL. CHANGE	PP	PP	PP	PP
3	ADDED PIECE AND WELD KCF 2955	PP	PP	PP	PP
2	WELDED TO ADD FLANGE JT. NO. 1	PP	PP	PP	PP
1	REVISED TO ADD CONTINUATIONS	PP	PP	PP	PP
0	REVISED TO ADD ID. TO 6"X6"X6" TEE	PP	PP	PP	PP
	REL. FOR CONST. PER V.N. (6787)	PP	PP	PP	PP

21	ADD WELDER 2MCR-KC-4557	EKK	PP	PP	PP
20	MAT. @ WELDS KCF 2912 & 3015	EKK	PP	PP	PP
19	ADD (*) TO WELD 726, NOTE	HAW	PP	PP	PP
18	MOVED PAR. REF @ WELD KCF 918	HAW	PP	PP	PP
17	ADDED WELD KCF 3243 (V.N. 23, 762)	EKK	PP	PP	PP
16	ADD WELD 3075, MAT. (X), CHANGE WLV ITEM NO FOR 2KCP291 (LAYOUT)	EKK	PP	PP	PP
15	ADDED WELD NO. KCF 2915	PP	PP	PP	PP

NOTE ONE:
 THIS SYMBOL DENOTES MATERIALS THAT ARE PARTS OF PRE-ASSEMBLED SECTIONS. THEY ARE TO BE USED BY INSPECTOR FOR FIT-UP AND HEAT NUMBER CHECK.

14	ADDED WELD KCF 2761	EKK	PP	PP	PP
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PDR RIDS

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