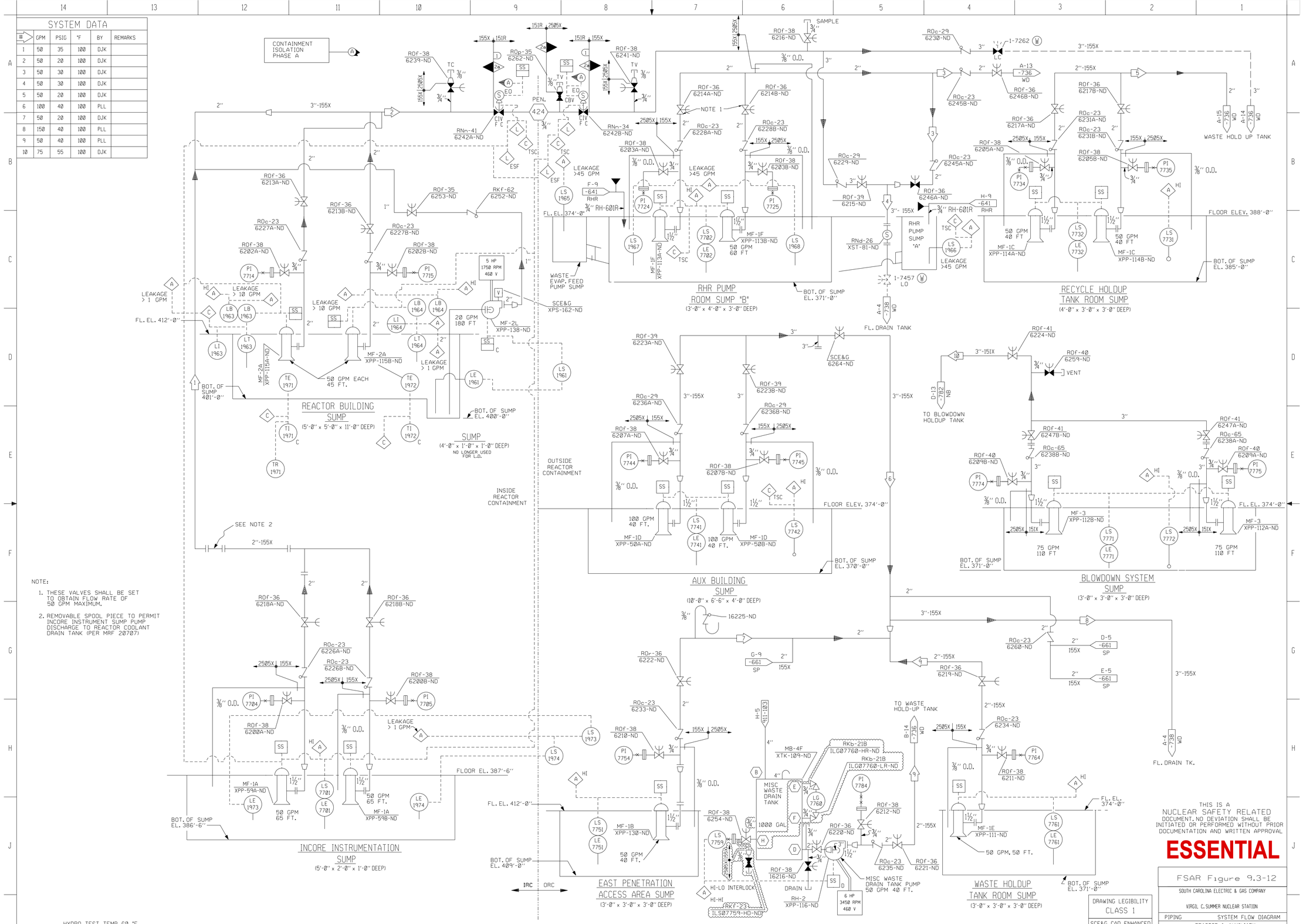
SYSTEM DATA					
#	GPM	PSIG	°F	BY	REMARKS
1	50	35	100	DJK	
2	50	20	100	DJK	
3	50	30	100	DJK	
4	50	30	100	DJK	
5	50	20	100	DJK	
6	100	40	100	PLL	
7	50	20	100	DJK	
8	150	40	100	PLL	
9	50	40	100	PLL	
10	75	55	100	DJK	



NOTE:

1. THESE VALVES SHALL BE SET TO OBTAIN FLOW RATE OF 50 GPM MAXIMUM.
2. REMOVABLE SPOOL PIECE TO PERMIT INCORE INSTRUMENT SUMP PUMP DISCHARGE TO REACTOR COOLANT DRAIN TANK (PER MRF 20707)

HYDRO TEST TEMP. 60 °F

#	PSIG (NORMAL)	°F (NORMAL)	PSIG (UPSET)	°F (UPSET)	DURATION	HYDRO	BY	CHKD	REMARKS
1	100	145	125	200	30 MIN	160	RWG		

DESIGN DATA

1/4"=1'-0"

NO.	DATE	BY	REVISION	CKD. BY	LE APPROVAL
26	07/12/00	JMR	REVISED PER ECR-50267	MGR	AME
25	10/19/97	AVN	REVISED PER MRF-21902, MCN-B	GJM	LEK
24	11/14/95	JTS	REVISED PER MRF-22640	MGR	JEW
23	10/26/93	DDJ	REVISED PER CGSS-93-2241	MGR	RSB
28	05/27/2020	CMS	REVISED PER ECR-71356	chk	AJL
27	03/03/95	JTS	CADD ENHANCED PER ECR-50239	MGR	DDJ

DRAWING LEGIBILITY CLASS 1

SCE&G CAD ENHANCED

THIS IS A NUCLEAR SAFETY RELATED DOCUMENT, NO DEVIATION SHALL BE INITIATED OR PERFORMED WITHOUT PRIOR DOCUMENTATION AND WRITTEN APPROVAL

ESSENTIAL

FSAR Figure 9.3-12

SOUTH CAROLINA ELECTRIC & GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

PIPING — SYSTEM FLOW DIAGRAM

REACTOR & AUXILIARY

BUILDING SUMP PUMPS

DESIGN ENGINEERING

V. C. SUMMER NUCLEAR STATION JENKINSVILLE, S.C.

MADE	CHECKED	LE APPROVAL
1. SRF	2. RHM	3. AME

SCALE: NO SCALE — DRAWING NUMBER: D-302-821 — SHT. NUMBER: 28 — REV