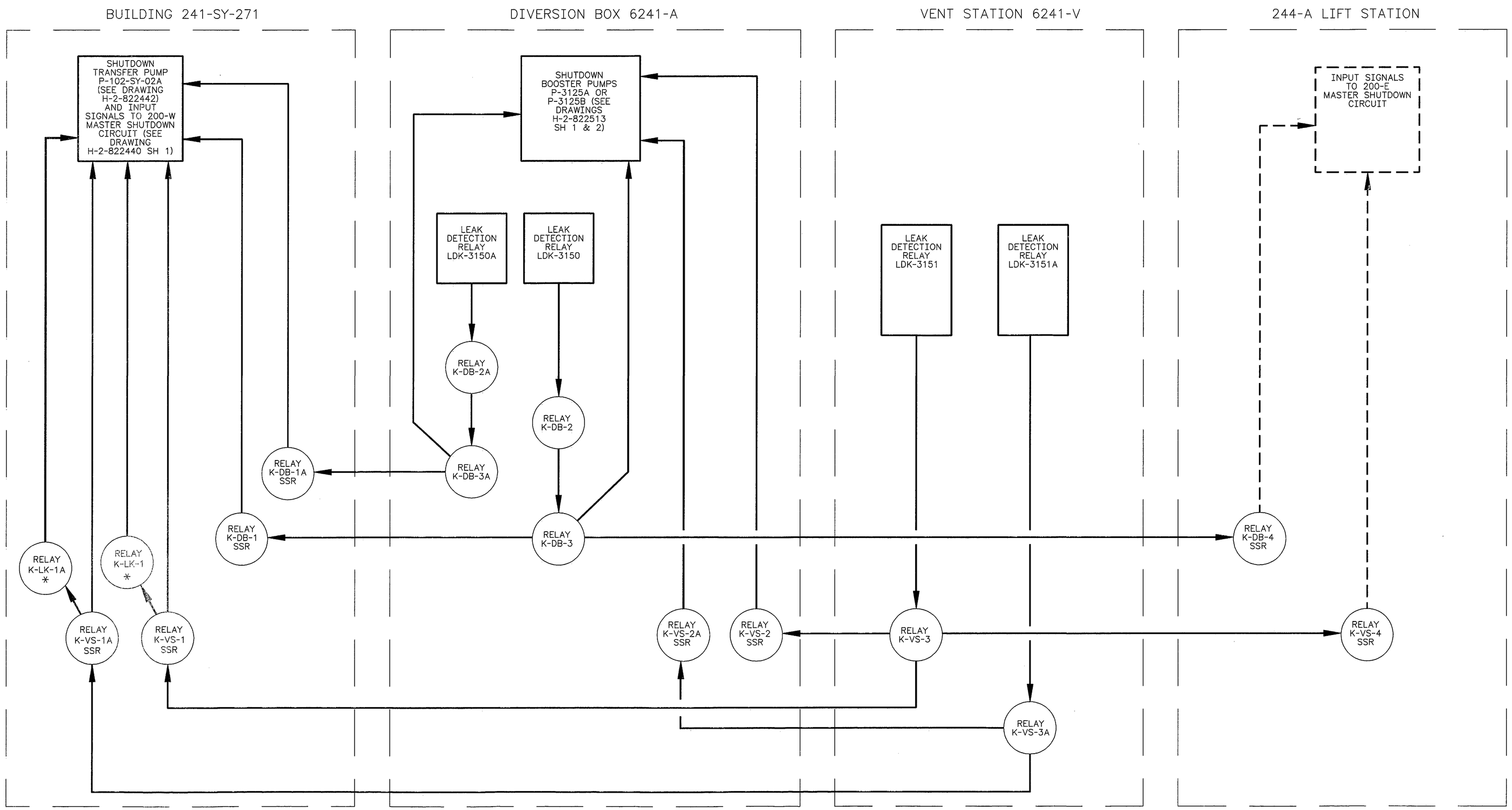

⚠2 LEAK DETECTION SHUTDOWN RELAY BLOCK DIAGRAM

(SEE NOTES 1 AND 2)
* SAFETY CLASS 3

NOTES:

1. RELAYS ARE SAFETY CLASS 2 UNLESS NOTED OTHERWISE. ASSOCIATED WIRING AND RACEWAY ARE SAFETY CLASS 3.
2. A LEAK DETECTED IN DIVERSION BOX 6241-A AND/OR VENTILATION STATION 6241-V WILL SHUTDOWN BOOSTER PUMP P-3125A OR P-3125B, TRANSFER PUMP P-102-SY-02A AND ANY PUMP/EQUIPMENT ON THE SY TANK FARM MASTER SHUTDOWN CIRCUIT. A DETECTED LEAK SIGNAL FROM 6241-A AND 6241-V IS ALSO AVAILABLE AT 244-A. FOR RELAY WIRING SEE DRAWING H-2-822512 SH 1 AND H-6-14017 SH 1.

LEGEND

SSR SOLID STATE RELAY

- - - - - - - FUTURE EQUIPMENT

MARK A. FRIEDRICH — STATE OF WASHINGTON — 32426 — REGISTERED PROFESSIONAL ENGINEER — 3-29-98

EXPIRES: 8/31/98 M

NUMBER	TITLE
DRAWING TRACEABILITY LIST	

NUMBER	TITLE
H-2-822200	DRAWING LIST
REFERENCES	
NEXT USED ON	

REV NO.	DESCRIPTION	REV BY DATE	KEH APPROVALS	APVD FOR IMPL/INC FOR DATE
2	INCORPORATED ECN W058-381 W-058 PROJECT TURNOVER	RBU 3-13 1998	3/31/98 3-29-98	4/21/98

REVISIONS

CAD FILE B822436A CAD CODE 2J:IBM:ACD2:12.0:NN XREFS N

		DATE
DESIGNED	GL AVERY	2-25 1998
DSGN ENGR	MA FRIEDRICH	2-25 1998
CHECKED	ML ALEXANDER	2-25 1998
SAFETY	SEE DR/AT FORM	
ENVIR	SEE DR/AT FORM	
QUAL ENGR	SEE DR/AT FORM	
LEAD ENGR	MA FRIEDRICH	3-1 1996
REVIEW NO.	4	2-15 1995

APPROVED FOR IMPLEMENTATION BY C VAN KATWIJK FOR WHC DATE 3-13-96

USE CONSTRUCTION

SAFETY CLASS 2 EDT 612970

U.S. DEPARTMENT OF ENERGY
RICHLAND OPERATIONS OFFICE
ICF KAISER HANFORD COMPANY

INSTRUMENTATION
BLOCK DIAGRAM
LEAK DET SHT DN RELAY

PROJECT W058 REPLACEMENT OF CROSS-SITE TRANSFER SYSTEM

SIZE	BLDG NO.	INDEX NO.	DWG NO.	REV NO.
F	244-A 241-SY-271 6241-A & -V	7502	H-2-822436	2

SCALE NONE JOB NO. CR1320 SHEET 1 OF 1

PLOT SCALE: 1=1 KEHCAD

KEH 0350.00 (03/94)
STRTKEH#: 199403030900