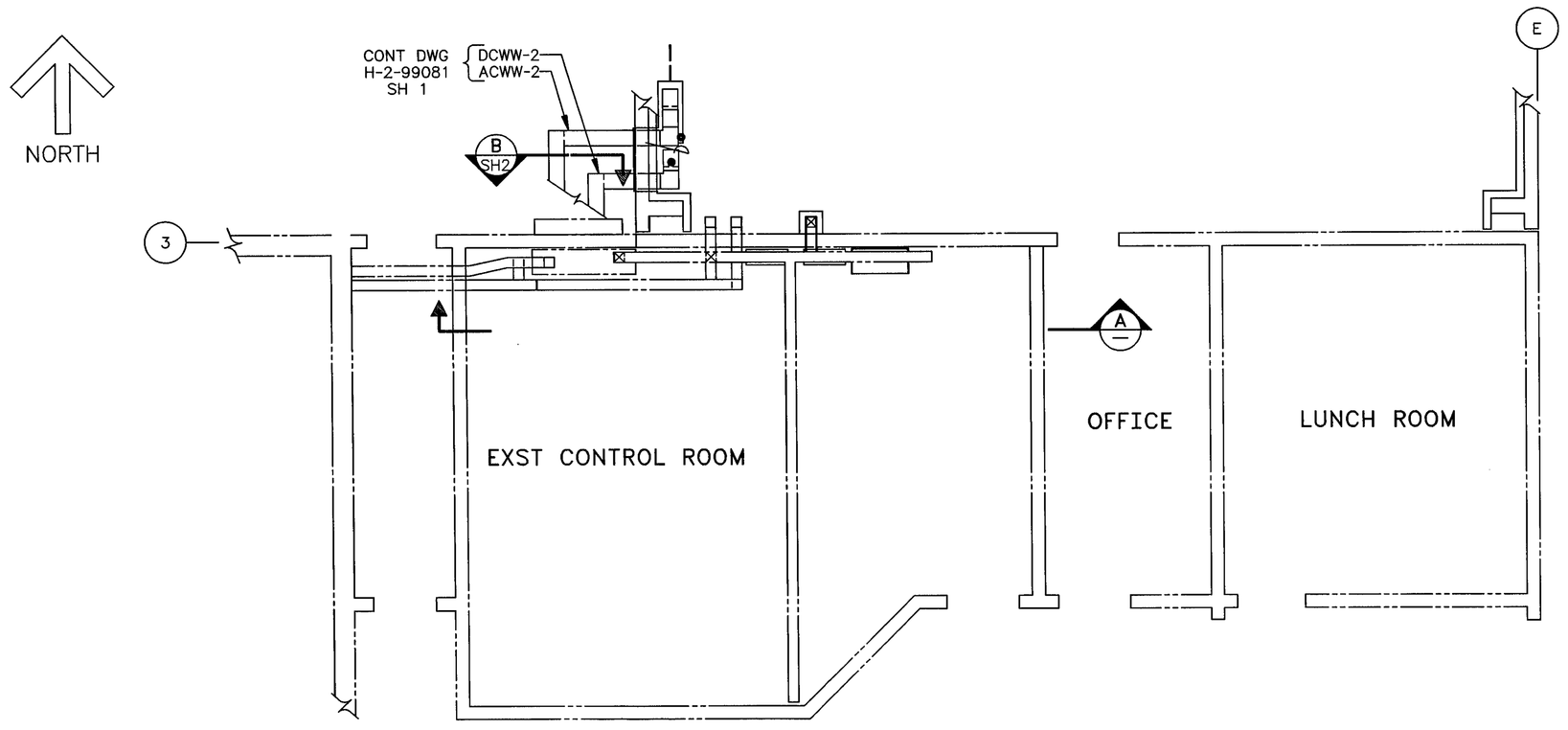
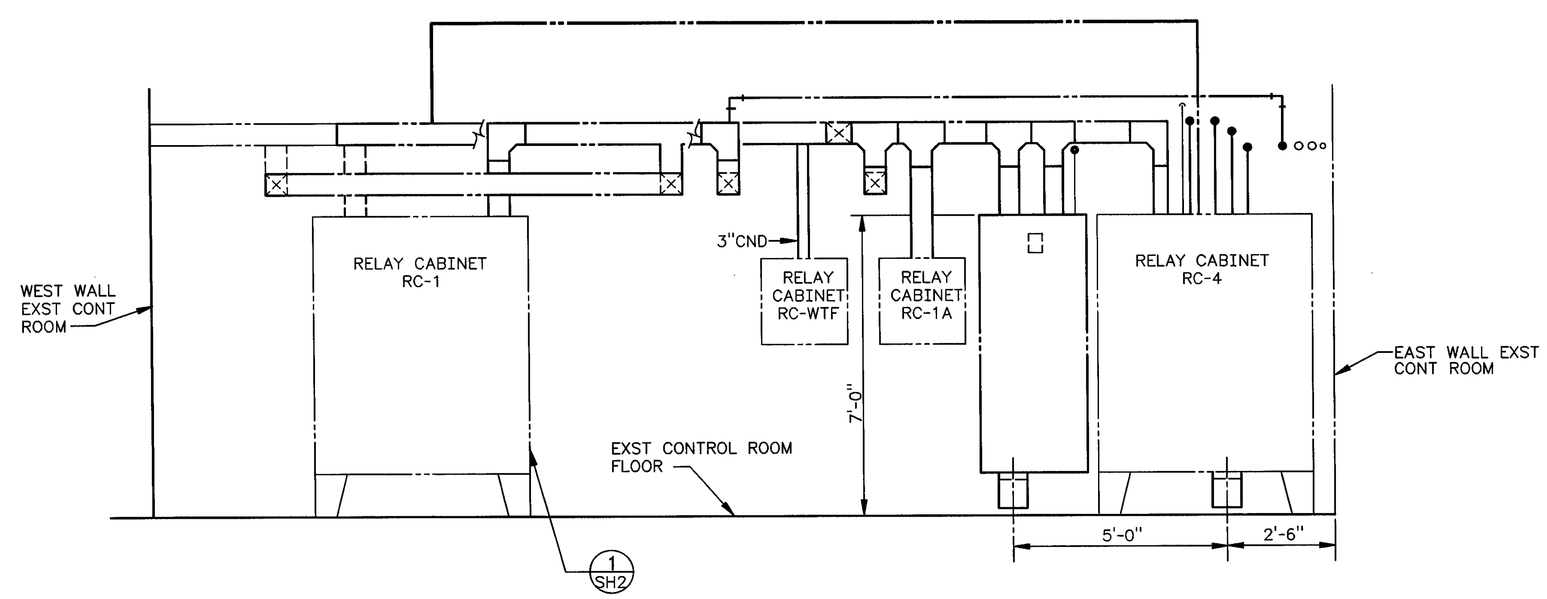


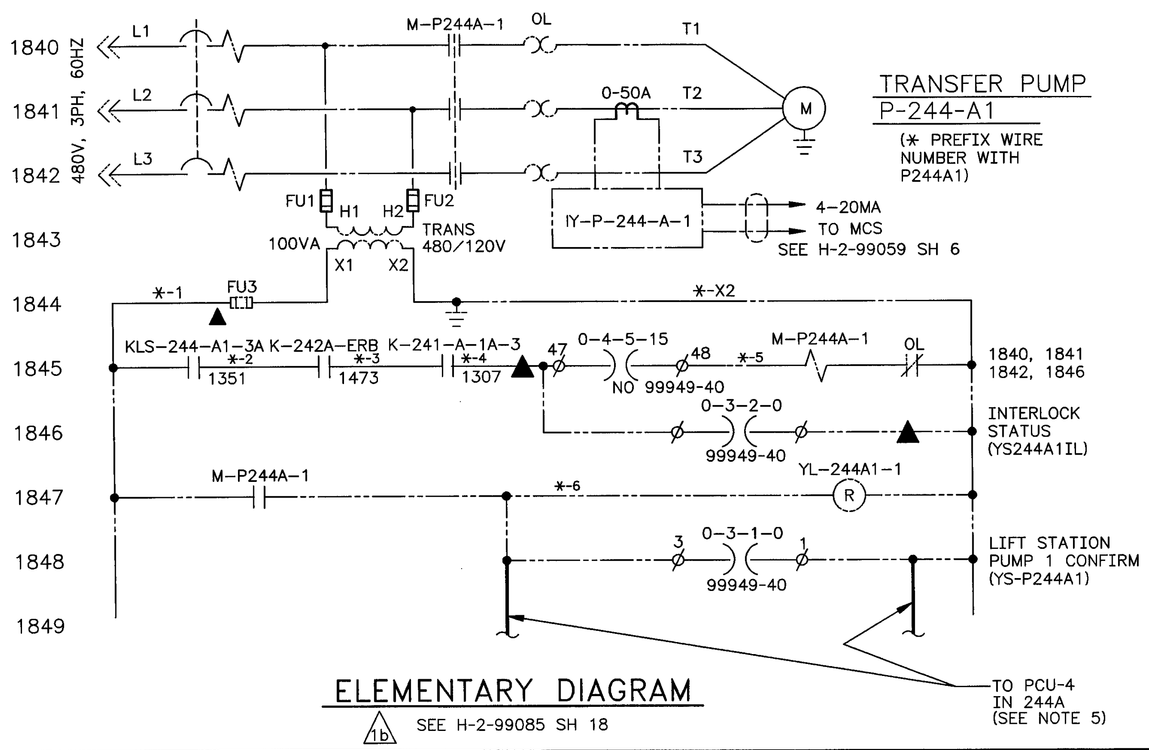
POWER PLAN (FLOOR EL 0'0")

SCALE: NONE



ELEVATION A

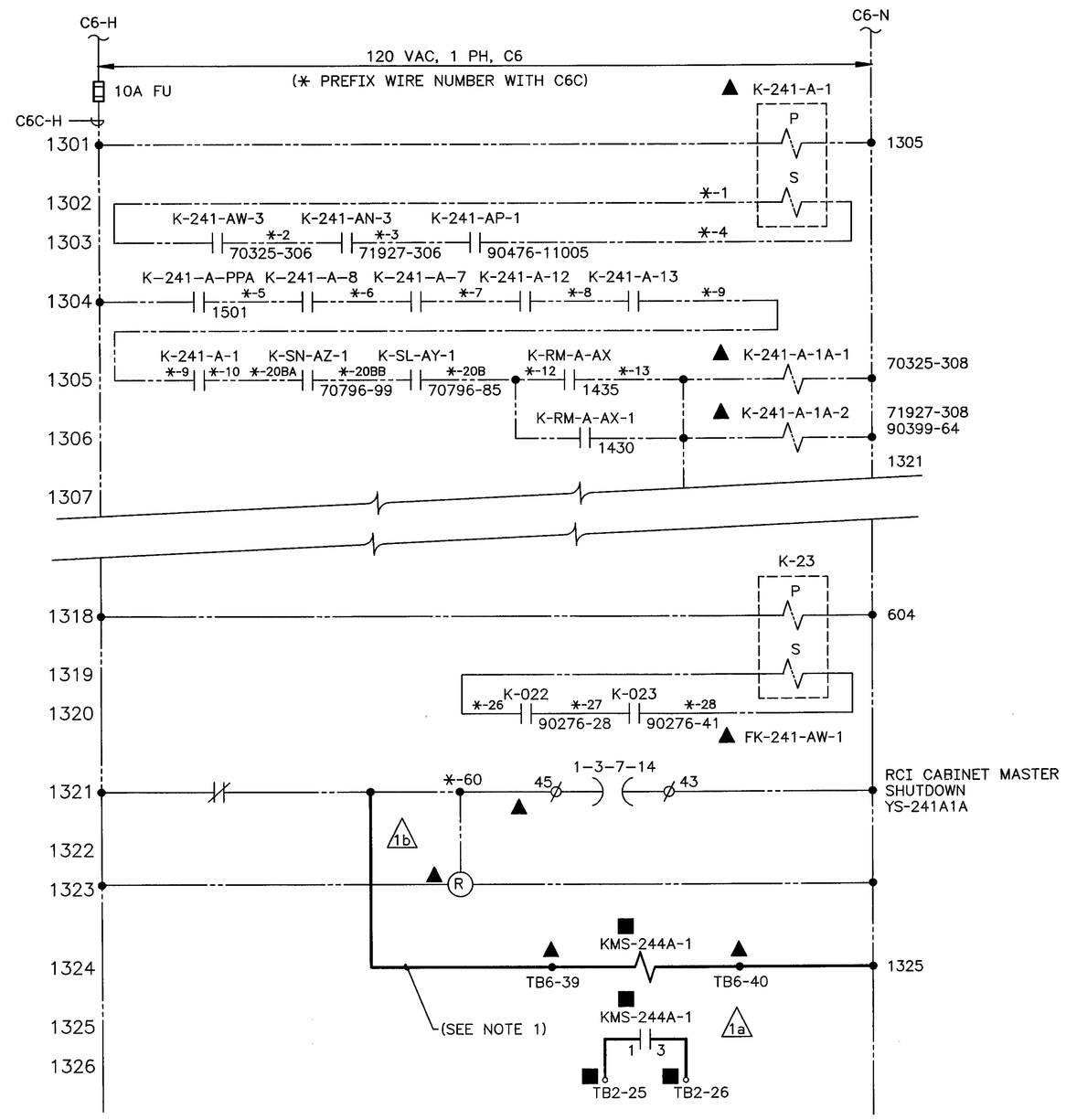
SCALE: NONE



TRANSFER PUMP
P-244-A1
(* PREFIX WIRE NUMBER WITH P244A1)

ELEMENTARY DIAGRAM

1b SEE H-2-99085 SH 18



ELEMENTARY DIAGRAM

1b SEE H-2-99085 SH 13

NOTES & LEGEND:

▲ LOCATED IN CABINET RC-1 IN 242-A BLDG

■ LOCATED AT 244-A LIFT STATION PCU-4 (SEE H-2-822433)

1a

1. USE #12 AWG THWN WIRE FOR WIRING INSIDE RC-1 CABINET.
2. WIRE AS SHOWN ON ELEMENTARY WITH #12 AWG THWN WIRE.
3. USE EXISTING SPARE CONDUCTORS BETWEEN RC-1 AND TBX-1 (LOCATED ON NORTH OUTSIDE WALL OF 242-A BLDG) AND CONNECT PTS TB6-39 & TB6-40 (IN RC-1) TO PTS TB7-47 & TB7-48 (IN TBX-1).
4. USE EXISTING DIRECT-BURIED SPARE CONDUCTORS BETWEEN TBX-1 (ON NORTH SIDE OUTSIDE WALL OF 242-A) AND THE INSTRUMENT BLDG (TBX-1) OF THE 244-A LIFT STATION. 1a
5. ROUTE 2/C #14 AWG TYPE TC CABLE WITH GND FROM CMPT F5 IN MCC1, TERMINATING AS SHOWN ON ELEMENTARY TO TBX-1 ON NORTH OUTSIDE WALL OF BLDG 242-A. ROUTE VIA ACWW-3, PB151B, PB151A, ACWW-2, P3000 (NEW 3/4" RGS CONDUIT TO TBX-1 FROM WIREWAY ACWW-2).

NUMBER	TITLE
DRAWING TRACEABILITY LIST	

NUMBER	TITLE
H-2-99075 SH 2,30,36	ELECTRICAL CONTROL ROOM DETAILS
H-2-99086 SH 1,2	ELECTRICAL CONTROL ROOM ADDITION
1b H-2-99085 SH 13,18	ELECTRICAL ELEMENTARY DIAGRAMS
H-2-822200	DRAWING LIST
REFERENCES	
NEXT USED ON	

REV NO.	DESCRIPTION	REV BY DATE	KEH APPROVALS	APV'D FOR IMPL/INC FOR DATE
S 1	a) INC ECN W-058-329 PER b) ECN W-058-361 & W-058 PROJECT TURNOVER	CLC 8-13 1997	MLS	12/2/97

REVISIONS

CAD FILE B822441A CAD CODE 2J:IBM:ACD2:12.0:NN XREF'S N

APPROVED FOR IMPLEMENTATION BY C VAN KATWIJK FOR WHC DATE 8-30-95

EXPIRES 05/30/99

GREGORY P. McDONALD, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER — 11-26-97

DESIGNED	BJ GRAF	DATE	
DSGN ENGR	BRAD GRAF	8-24 1995	
CHECKED	CT INAMINE	8-24 1995	
SAFETY	SEE DR/AT FORM		
ENVIR	SEE DR/AT FORM		
QUAL ENGR	SEE DR/AT FORM		
LEAD ENGR	ML ALEXANDER	8-23 1995	
REVIEW NO.	9	8-18 1995	

SAFETY CLASS 3 — USE CONSTRUCTION — EDT 612961

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

ELECTRICAL
PLAN, ELEV, DET & ELEM DIAG

PROJECT W058 REPLACEMENT OF CROSS-SITE TRANSFER SYSTEM

SIZE	BLDG NO.	INDEX NO.	DWG NO.	REV NO.
F	242-A	7503 5903 5901	H-2-822441	1

SCALE SHOWN — JOB NO. CR1320 — SHEET 1 OF 2

2 PLOT SCALE: 1=1 — KEHCAD — 1

KEH 0350.00 (03/94) STRTKEHF: 19940303.0900