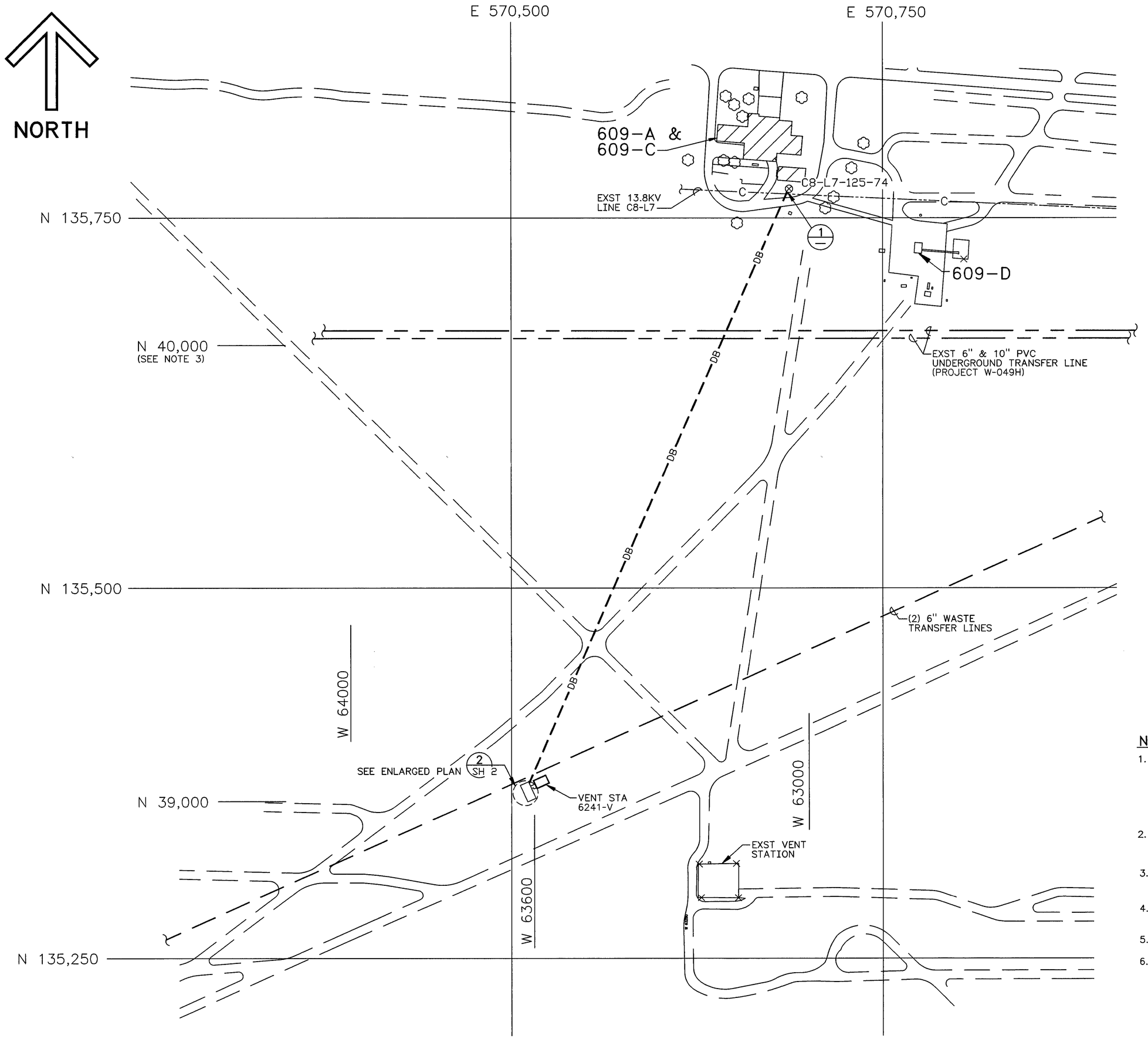
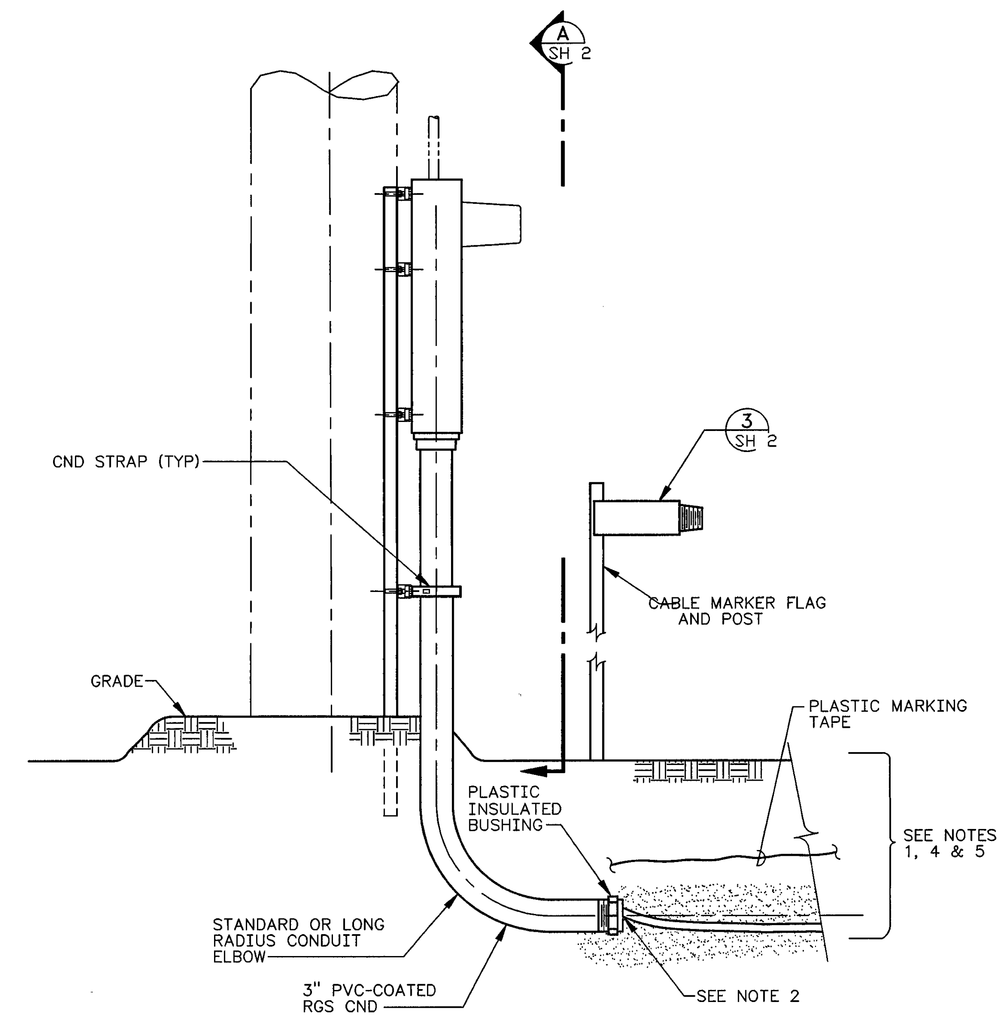


LEGEND:

— —DB— — DIRECT BURIED CABLE

⊗ POWER POLE



10 1/— DIRECT BURIED CABLE DETAIL (LOOKING NORTH)
SCALE: NONE

NOTES:

1. DIRECT BURIAL CABLE SHALL BE PLACED A MINIMUM OF 24 INCHES BELOW GRADE AND LAID IN A CUSHION OF FINE SAND NOT LESS THAN 3 INCHES IN THICKNESS ON ALL SIDES. PLACE MARKING TAPE IN THE BACKFILL DIRECTLY ABOVE THE CABLE(S) APPROXIMATELY 12 INCHES BELOW GRADE. RUNS UNDER ROADS SHALL BE IN PVC COATED RIGID METAL CONDUIT, NOT LESS THAN 24 INCHES BELOW THE FINISHED ROAD.
2. PACK OAKUM IN END OF CONDUIT UNDER CABLE TO HOLD CABLE NEAR TOP OF CONDUIT TO AVOID ABRASION OF CABLE IN THE EVENT OF BACKFILL SETTLING.
3. GRID LINE COORDINATES ARE THE LAMBERT (WASHINGTON STATE) COORDINATES SHOWN IN METERS. HANFORD SITE COORDINATES IN FEET ARE ALSO SHOWN FOR REFERENCE.
4. ROUTE DIRECT BURIED CABLE TO NEW VENT STATION AT APPROXIMATE LOCATION SHOWN ON DRAWING.
5. SEE SPECIFICATION W-058-C3 FOR CONDUIT AND CABLE SCHEDULE.
6. POSTS SHALL BE COMMERCIAL 6 FOOT STEEL FENCE POSTS. POSTS WITH ANCHOR PLATES SHALL BE USED WHERE THE NATURE OF THE SOIL PERMITS DRIVING.

(CONTINUED ON ZONE C-2)

(CONTINUED FROM Z C-4)

7. INSTALL FLAG WITH ARROW PARALLEL TO THE UNDERGROUND CABLE AND POINTING FROM THE SOURCE TO THE POINT OF UTILIZATION. INSTALL POSTS ONE FOOT HORIZONTALLY FROM THE UNDERGROUND CABLE WITH THE PAINTED SIDE OF THE ARROW TOWARD THE UNDERGROUND CABLE. MARKERS SHALL BE PLACED AT EACH TURN POINT AND AT APPROXIMATELY 100 FOOT INTERVALS ON STRAIGHT RUNS.
8. PAINT OR EMBOSS THE WORDS "BURIED 480V POWER CABLE".
9. SEE CONSTRUCTION SPECIFICATION W-058-C3 SECTION 16400 FOR MATERIAL DESCRIPTION AND INSTALLATION INSTRUCTIONS UNLESS NOTED OTHERWISE.
10. INSTALL MIN #4 AWG COPPER GROUNDING ELECTRODE CONDUCTOR FROM SERVICE DISCONNECT SWITCH TO TRANSFORMER GROUNDING ELECTRODE.

GREGORY P. McDONALD STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 11-13-97 Rev 1

EXPIRES 05/30/99

DESIGNED	CL CLOUD	DATE	SAFETY CLASS 3
DSGN ENGR	BRAD GRAF	10-6 1995	
CHECKED	AR SNOWHITE	10-9 1995	
SAFETY	SEE DR/AT FORM		
ENVIR	SEE DR/AT FORM		
QUAL ENGR	SEE DR/AT FORM		
LEAD ENGR	ML ALEXANDER	10-9 1995	
REVIEW NO.	15	10-6 1995	
APVD FOR IMPL/INC FOR DATE			
APPROVED FOR IMPLEMENTATION BY	C VAN KATWIJK		
FOR	WHC	DATE	10-13-95

USE CONSTRUCTION
EDT 612958

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

ELECTRICAL
SITE PLAN & DETAILS
VENTILATION STATION

PROJECT W058 REPLACEMENT OF CROSS SITE TRANSFER SYSTEM

SIZE	BLDG NO.	INDEX NO.	DWG NO.	REV NO.
F	6241-V	8001 7301	H-6-14010	1

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

KEH 0350.00 (03/94)
STRTKEHF: 19940303.0900

REV	MF	REV NO.	DESCRIPTION	REV BY DATE	KEH APPROVALS	
A	S	1	INC ECN W-058-193 W-058 PROJECT TURNOVER	CLC 8-13 1997	mcb 8/14/97 mcb	MAP 11/12/97

REVISIONS

CAD FILE F014010A | CAD CODE 2J:IBM:ACD2:12.0:NN | XREF'S N

H-2-822200 DRAWING LIST

NUMBER	TITLE

DRAWING TRACEABILITY LIST

NUMBER	TITLE

REFERENCES

NEXT USED ON

PLOT SCALE: 1=1 | KEHCAD