ENGINEERING CHANGE NOTICE

1. ECN 637480

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ECN

2. ECN Category (mark one) Supplemental ☐ Direct Revision ☒ Change ECN ☐ Temporary ☐ Standby ☐ Supersedeure ☐ Cancel/Void ☐	3. Originator's Name, Organization, MSIN, and Telephone No. RW Whitlock/ 32A40 / T4-03 373-1737	4. USQ Required? ☐ Yes ☒ No	5. Date 5/5/98
	6. Project Title/No./Work Order No. EDL for CWC/KA26782-T03	7. Bldg./Sys./Fac. No. CWC	8. Approval Designator N/A
	9. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-WM-TI-404, Rev. 4	10. Related ECN No(s). 637479	11. Related PO No. N/A
12a. Modification Work ☐ Yes (fill out Blk. 12b) ☒ No (NA Blks. 12b, 12c, 12d)	12b. Work Package No. N/A	12c. Modification Work Complete N/A Design Authority/Cog. Engineer Signature & Date	12d. Restored to Original Condition (Temp. or Standby ECN only) N/A Design Authority/Cog. Engineer Signature & Date
13a. Description of Change Document is revised in its entirety. Based on new definitions of drawings in HNF-PRO-242, Essential drawings were added.			
14a. Justification (mark one) Criteria Change ☒ Design Improvement ☐ Environmental ☐ Facility Deactivation ☐ As-Found ☐ Facilitate Const ☐ Const. Error/Omission ☐ Design Error/Omission ☐			
14b. Justification Details Per HNF-PRO-242, some support drawings were re-evaluated and are defined as Essential drawings. Some additional support drawings have been included.			
15. Distribution (include name, MSIN, and no. of copies) File T4-03 (1) RR Ames T4-03 (1) BJ Graf T4-55 (1) CB Sacco T4-03 (1) <i>2nd sketch</i> RF Boolean T4-03 (1) FD Sargent T4-03 (1) RW Whitlock T4-03 (1)			

 Central Files B1-07
 DM Pinkal T4-30

RELEASE STAMP	
DATE: SEP 14 1998 STA: 5	HANFORD RELEASE ID: 12

637480

A-7900-013-3 (05/96) GEF096

Central Waste Complex (CWC) Essential/Support Drawing List

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U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: ECN-637480

UC: 510

Org Code: 32A40

Charge Code: A1E1B

B&R Code: EW3130020

Total Pages: 10

Key Words: Drawings, essential, support, Central Waste Complex

Abstract: This document lists the essential and support drawings for the Central Waste Complex

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CENTRAL WASTE COMPLEX (CWC) ESSENTIAL/SUPPORT DRAWING LIST

1.0 INTRODUCTION

Essential and supporting engineering drawings for the Central Waste Complex (CWC) are identified in this document. The purpose of the document is to describe the criteria used to identify drawings and the plan for updating and maintaining their accuracy. This document supports HNF-PRO-242 and HNF-PRO-440.

2.0 SELECTION PROCESSES

Essential and support drawings are identified by the facility cognizant engineer and concurred with by the cognizant engineering manager. The selection criteria are presented below (see PRO-242, *Standard Engineering Practices*, Glossary).

ESSENTIAL DRAWINGS

Those engineering drawings identified by the facility staff as necessary to directly support the safe operation or maintenance of the facility.

SUPPORT DRAWINGS

Those engineering drawings identified by the facility staff that further describe the design details of structures, systems, or components shown on essential drawings or are frequently used by the support staff.

GENERAL DRAWINGS

Those engineering drawings identified by the facility staff as historical in nature, or not frequently used in the operation or maintenance of the facility, and that are not identified as either essential or support drawings.

A listing of essential drawings are in Table 1. A listing of support drawings are provided in Table 2. Other drawings associated with the facility are designated as general drawings.

3.0 MAINTENANCE OF DRAWINGS

Copies of all essential and support drawings will be available to the cognizant engineer at his or her work location. An as-built file of all drawings will be maintained by the engineering organization.

Table 1. Essential Drawings.

Drawing No.	Sheet	Building	Title
H-2-80544	1	2401W	Elec/Fire Alm Plan Dets & Scheds
H-2-80743	1	2402W	Electrical Plans Diagram & Details
H-2-80743	2	2402W	Electrical Plans, Diagram and Details
H-2-80743	3	2402W	Electrical Plans, Diagram and Details
H-2-131547	1	2403WA	Electrical Plan & Diagrams
H-2-131547	2	2403WA	Electrical Plan & Diagrams
H-2-80923	1	2403WD	Elec Diag & Pnlbd Sched
H-2-80924	1	2403WB	Elec Diag & Pnlbd Sched
H-2-80925	1	2403WC	Elec Diag & Pnlbd Sched
H-2-823233	1	2404W	Electrical Floor Plans & Notes
H-2-823233	2	2404W	Electrical Floor Plans & Notes
H-2-823234	1	2404W	Electrical One-Line Panels & Details
H-2-72500	1	2727W	Wiring Dia. Fire Protection

Table 2. Support Drawings.

Drawing No.	Sheet	Building	Title
H-2-80544	2	2401W	Elec/Fire Alm Plan Dets & Scheds
H-2-80545	1	2401W	Arch/Strl Elev & Dets
H-2-80545	2	2401W	Arch/Strl Elevations & Details
H-2-80606	1	2402W	Arch/Strl Sections & Details
H-2-80606	2	2402W	Arch/Strl Sections & Details
H-2-80607	1	2402W	Electrical Plan, Section, Details
H-2-80607	2	2402W	Electrical Plan, Section, Details
H-2-80608	1	2402W	Fire Protection Fire Alarm Plans El Det & Diag
H-2-80609	1	2402W	Elec Site Plan & Pole Line Dets
H-2-80739	1	2402W	Arch/Strl Plan, Elevations, Section, Details
H-2-80740	1	2402W	Fire Protection Fire Alarm Sys Plans & Se
H-2-80740	2	2402W	Fire Protection Alarm Sys Plans Sect Det
H-2-80741	1	2402W	Fire Protection Fire Alarm Sys Wiring Dia
H-2-80741	2	2402W	Fire Protection Alarm Sys Wiring Diag
H-2-80742	1	2402W	Elec Site Plan Symbol List & Schedule
H-2-821880	1	2402W	Fire Protection Sprinkler System
H-2-821880	2	2402W	Fire Protection System Details and Sections
H-2-821881	1	2402WB	Fire Protection Sprinkler System
H-2-821881	2	2402WB	Fire Protection Sprinkler System Detail and Sect
H-2-821882	1	2402WC	Fire Protection Sprinkler System
H-2-821882	2	2402WC	Fire Protection Sprinkler system Details and Sections
H-2-821883	1	2402WD	Fire Protection Sprinkler System
H-2-821883	2	2402WD	Fire Protection Sprinkler System Details and Sections
H-2-821884	1	2402WE	Fire Protection Sprinkler System

Table 2. Support Drawings (cont.).

Drawing No.	Sheet	Building	Title
H-2-821884	2	2402WE	Fire Protection Sprinkler System Details and Sections
H-2-821885	1	2402WF	Fire Protection Sprinkler System
H-2-821885	2	2402WF	Fire Protection Sprinkler System Details and Sections
H-2-821886	1	2402WG	Fire Protection Sprinkler System
H-2-821886	2	2402WG	Fire Protection Sprinkler System Details and Sections
H-2-821887	1	2402WH	Fire Protection Sprinkler System
H-2-821887	2	2402WH	Fire Protection Sprinkler System Details and Sections
H-2-821888	1	2402WI	Fire Protection Sprinkler System
H-2-821888	2	2402WI	Fire Protection Sprinkler System Details and Sections
H-2-821889	1	2402WJ	Fire Protection Sprinkler System
H-2-821889	2	2402WJ	Fire Protection Sprinkler System Details and Sections
H-2-821890	1	2402WK	Fire Protection Sprinkler System
H-2-821890	2	2402WK	Fire Protection Sprinkler System Details and Sections
H-2-821891	1	2402WL	Fire Protection Sprinkler System
H-2-821891	2	2402WL	Fire Protection Sprinkler System Details and Sections
H-2-131542	1	2403WA	Fire Protection Plan Sect & Details
H-2-131543	1	2403WA	Fire Protection Alarm System Wiring Diag
H-2-131545	1	2403WA	Instrumentation CAM Enclosure
H-2-131545	2	2403WA	Instrumentation CAM Enclosure
H-2-131546	1	2403WA	Instr Cam Alarm Intcon Diag & Instr Encl.
H-2-131546	2	2403WA	Instr Cam Alarm Elem Diag
H-2-131546	3	2403WA	Air Sampler Alarm Elementary Diagram
H-2-131548	1	2403WA	Electrical Elevations & Details

Table 2. Support Drawings (cont.).

Drawing No.	Sheet	Building	Title
H-2-131548	2	2403WA	Electrical Details
H-2-821893	1	2403WA	Fire Protection Sprinkler System
H-2-821893	2	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-821893	3	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-821893	4	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-821893	5	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-821893	6	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-821893	7	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-821893	8	2403WA	Fire Protection Sprinkler System Details and Sec
H-2-80902	1	2403WB	Fire Protection Alarm Sys Plan, Sections
H-2-80903	1	2403WB	Fire Protection Alarm Sys Wiring Diag
H-2-80909	1	2403WB	Instrumentation CAM Enclosure
H-2-80909	2	2403WB	Instr CAM Enclosure
H-2-80909	3	2403WB	Instr CAM Enclosure
H-2-80910	1	2403WB	Instrumentation Cam Alarm Inticon Diag & Instr Encl
H-2-80910	2	2403WB	Instrumentation Cam Alarm Elementary Diagram
H-2-80910	3	2403WB	Instrumentation Flow Switch Alarm Elementary Diagram
H-2-80918	1	2403WB	Electrical Plan
H-2-80921	1	2403WB	Elec Elevations & Details
H-2-821894	1	2403WB	Fire Protection Sprinkler System
H-2-821894	2	2403WB	Fire Protection Sprinkler System Details and Sec

Table 2. Support Drawings (cont.).

Drawing No.	Sheet	Building	Title
H-2-821894	3	2403WB	Fire Protection Sprinkler System Details and Sec
H-2-821894	4	2403WB	Fire Protection Sprinkler System Details and Sec
H-2-821894	5	2403WB	Fire Protection Sprinkler System Details and Sec
H-2-821894	6	2403WB	Fire Protection Sprinkler System Details and Sec
H-2-821894	7	2403WB	Fire Protection Sprinkler System Details and Sec
H-2-80902	2	2403WC	Fire Protection Alarm Sys Plan, Sections
H-2-80903	2	2403WC	Fire Protection Alarm Sys Wiring Diag
H-2-80907	2	2403WC	Instr CAM Enclosure
H-2-80907	3	2403WC	Instr CAM Enclosure
H-2-80908	1	2403WC	Instrumentation Cam Alarm Intcon Diag. & Instr. Encl
H-2-80908	2	2403WC	Instrumentation Cam Alarm Elementary Diagram
H-2-80908	3	2403WC	Instrumentation Flow Switch Alarm Elementary Diagram
H-2-80919	1	2403WC	Electrical Plan
H-2-80922	1	2403WC	Elec Elevations & Details
H-2-821895	1	2403WC	Fire Protection Piping Layout
H-2-821895	2	2403WC	Fire Protection Piping Detail
H-2-821895	3	2403WC	Fire Protection Piping Detail
H-2-821895	4	2403WC	Fire Protection Piping Detail
H-2-821895	5	2403WC	Fire Protection Piping Detail
H-2-821895	6	2403WC	Fire Protection Piping Detail
H-2-821895	7	2403WC	Fire Protection Piping Detail
H-2-80902	3	2403WD	Fire Protection Alarm Sys Plan Sect & Det
H-2-80903	3	2403WD	Fire Protection Alarm Sys Wiring Diag

Table 2. Support Drawings (cont.).

Drawing No.	Sheet	Building	Title
H-2-80905	1	2403WD	Instrumentation CAM Enclosure
H-2-80905	2	2403WD	Instrumentation CAM Enclosure
H-2-80905	3	2403WD	Instrumentation CAM Enclosure
H-2-80906	1	2403WD	Instrumentation Cam Alarm Intcon Diag & Instr Encl
H-2-80906	2	2403WD	Instrumentation Cam Alarm Elementary Diagram
H-2-80906	3	2403WD	Instrumentation Flow Switch Alarm Elementary Diagram
H-2-80907	1	2403WD	Instrumentation CAM Enclosure
H-2-80917	1	2403WD	Electrical Plan
H-2-80920	1	2403WD	Elec Elevations & Details
H-2-821896	1	2403WD	Fire Protection Piping Layout
H-2-821896	2	2403WD	Fire Protection Piping Detail
H-2-821896	3	2403WD	Fire Protection Piping Detail
H-2-821896	4	2403WD	Fire Protection Piping Detail
H-2-821896	5	2403WD	Fire Protection Piping Detail
H-2-821896	6	2403WD	Fire Protection Piping Detail
H-2-821896	7	2403WD	Fire Protection Piping Detail
H-2-821896	8	2403WD	Fire Protection Piping Detail
H-2-821896	9	2403WD	Fire Protection Piping Detail
H-2-823229	1	2404W	HVAC/Instm Floor Plan & Notes
H-2-823230	1	2404W	HVAC/Instm Details & Schedules
H-2-823231	1	2404W	Fire Protection Floor Plans Sect Det & Notes
H-2-823236	1	2404W	Fire Protection Fire Alarm Plan & Det
H-2-823237	1	2404W	Fire Protection Fire Alarm Wiring Details
H-2-34081	1	2727W	Sodium Tank Pressure Monitoring
H-2-34081	2	2727W	Sodium Tank Pressure Monitoring

Table 2. Support Drawings (cont.).

Drawing No.	Sheet	Building	Title
H-2-34081	3	2727W	Sodium Tank Pressure Monitoring Connection Diagram
H-2-34081	4	2727W	Sodium Tank Pressure Monitoring Connection Diagram
H-2-34084	1	2727W	Sodium Tank Stge Building Plans & Details
H-2-34084	2	2727W	Sodium Tank Stge Building Plans & Details
H-2-97468	1	2727W	Electrical Radio Fire Alarm Plan & Diagram
H-2-72499	1	2727W	Sodium Storage Building
H-2-72499	2	2727W	Sodium Storage Building