0026499

ENGINEERING CHANGE NOTICE

Page 1 of 4

1. ECN ~~188237~~

Proj. ECN W-219-6

2. ECN Category (mark one)							
Supplemental	[x]	Change ECN	[]	Supersedure	[]		
Cancel/Void	[]	Direct Revision	[]	Temporary	[]	Discovery	[]

3. Originator's Name, Organization, MSIN, and Telephone No.	4. Date
J.D. Axford, Envr. Engr., E6-31, 6-6071	11/4/92

5. Project Title/No./Work Order No.	6. Bldg./Sys./Fac. No.	7. Impact Level
Modular Office and Changeroom Facilities/W-219/ER1150	M0721,M0720,M0281	4 / SC-3

8. Document Number Affected (include rev. and sheet no.)	9. Related ECN No(s).	10. Related PO No.
see block 12	none	none

11a. Modification Work	11b. Work Package Doc. No.	11c. Complete Installation Work	11d. Complete Restoration (Temp. ECN only)
[] Yes (fill out Blk. 11b) [X] No (NA Blks. 11b, 11c, 11d)	na	na Cog. Engineer Signature & Date	na Cog. Engineer Signature & Date

12. Description of Change

SC-3

DOCUMENTS AFFECTED: H-2-83655 Rev 2 SH 1, H-2-83654 Rev 2 SH 1 JDA/SIC 11-12-92

CHANGES: See pages 3-4.

13a. Justification (mark one)							
Criteria Change	[]	Environmental	[]	Facilitate Const.	[x]		
Design Error/Omission	[x]	Design Improvement	[]	As-Found	[]	Const. Error/Omission	[]

13b. Justification Details

Page 3: Changes provide criteria for testing of gravity sewers line.

Page 4: To facilitate construction.

EDC

14. Distribution (include name, MSIN, and no. of copies)

KEH Distribution
Constr. Doc. Cntrl E2-50

WHC Distribution
STA 6 T2-03
Project Data Base B3-65
Project Files R1-28
STA 10 A3-87

D.J. Brown	S1-06	
P.W. Deja	B4-65	
J.K. Epperly	R1-29	
S.G. Hodge	R3-54	
R.L. Ingram	S1-06	
L.A. Jeppson[5]	N1-30	
J.W. Schultz	N1-29	
J.E TURNBAUGH	H4-57	

RELEASE STAMP

OFFICIAL RELEASE BY WHC 13

DATE NOV 12 1992

STA 4

K. Knofczynski

A-7900-013-2 (11/88) OEF) GEF095
Engineering Change Notice

A-7900-013-1 (11/88)

ENGINEERING CHANGE NOTICE

1. ECN (use no. from pg. 1) W-219-6

15. Design Verification Required	16. Cost Impact				17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION			
[] Yes	Additional	[X] $ 500=	Additional	[X] $ ϕ	Improvement	[X] ϕ
[X] No	Savings	[] $	Savings	[] $	Delay	[]

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD	[]	Seismic/Stress Analysis	[]	Tank Calibration Manual	[]
Functional Design Criteria	[]	Stress/Design Report	[]	Health Physics Procedure	[]
Operating Specification	[]	Interface Control Drawing	[]	Spares Multiple Unit Listing	[]
Criticality Specification	[]	Calibration Procedure	[]	Test Procedures/Specification	[]
Conceptual Design Report	[]	Installation Procedure	[]	Component Index	[]
Equipment Spec.	[]	Maintenance Procedure	[]	ASME Coded Item	[]
Const. Spec.	[]	Engineering Procedure	[]	Human Factor Consideration	[]
Procurement Spec.	[]	Operating Instruction	[]	Computer Software	[]
Vendor Information	[]	Operating Procedure	[]	Electric Circuit Schedule	[]
OM Manual	[]	Operational Safety Requirement	[]	ICRS Procedure	[]
FSAR/SAR	[]	IEFD Drawing	[]	Process Control Manual/Plan	[]
Safety Equipment List	[]	Cell Arrangement Drawing	[]	Process Flow Chart	[]
Radiation Work Permit	[]	Essential Material Specification	[]	Purchase Requisition	[]
Environmental Impact Statement	[]	Fac. Proc. Samp. Schedule	[]		[]
Environmental Report	[]	Inspection Plan	[]		[]
Environmental Permit	[]	Inventory Adjustment Request	[]		[]

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number Revision

20. Approvals

	Signature	Date
OPERATIONS AND ENGINEERING		
Cog./Project Engineer	L. G. Jopson	11/11/92
Cog./Project Engr. Mgr.	for D. J. TOLLEFSON	11/11/92
QA		
Safety		
Security		
Proj. Prog./Dept. Mgr.		
Def. React. Div.		
Chem. Proc. Div.		
Def. Wst. Mgmt. Div.		
Adv. React. Dev. Div.		
Proj. Dept.		
Environ. Div.		
IRM Dept.		
Facility Rep. (Ops.)		
Other		

	Signature	Date
ARCHITECT-ENGINEER		
PE	R. D. Bare	11-10-92
QA	K. Conrad	11-9-92
Safety	[illegible]	11-9-92
Design	Charles S. Mortimer	11-9-92
~~Other~~ Envr.	[illegible]	11-9-92
DEPARTMENT OF ENERGY		
ADDITIONAL		

CHARLES S. MORTIMER
STATE OF WASHINGTON
27653
REGISTERED
PROFESSIONAL ENGINEER

Charles S. Mortimer 11-9-92

EXPIRES 5/27/ 93

Changes to H-2-83655:

02650-2.5.7 Add sentence: Test new sanitary sewer in accordance with WSDOT M41-10 Section 7-17.3(4)B.

02650: Add the following sections:

2.7 Air pressure testing (may be substituted for hydrostatic testing of sewer lines)

2.7.1 Furnish instruments, facilities, and labor required to conduct tests.

2.7.2 Document leak/pressure testing of system on "Leak/Pressure Test Certification" Form 1757, sample appended.

2.7.3 Perform leak tests in accordance with this Section.

2.7.4 Perform tests after lines have been flushed and before backfilling.

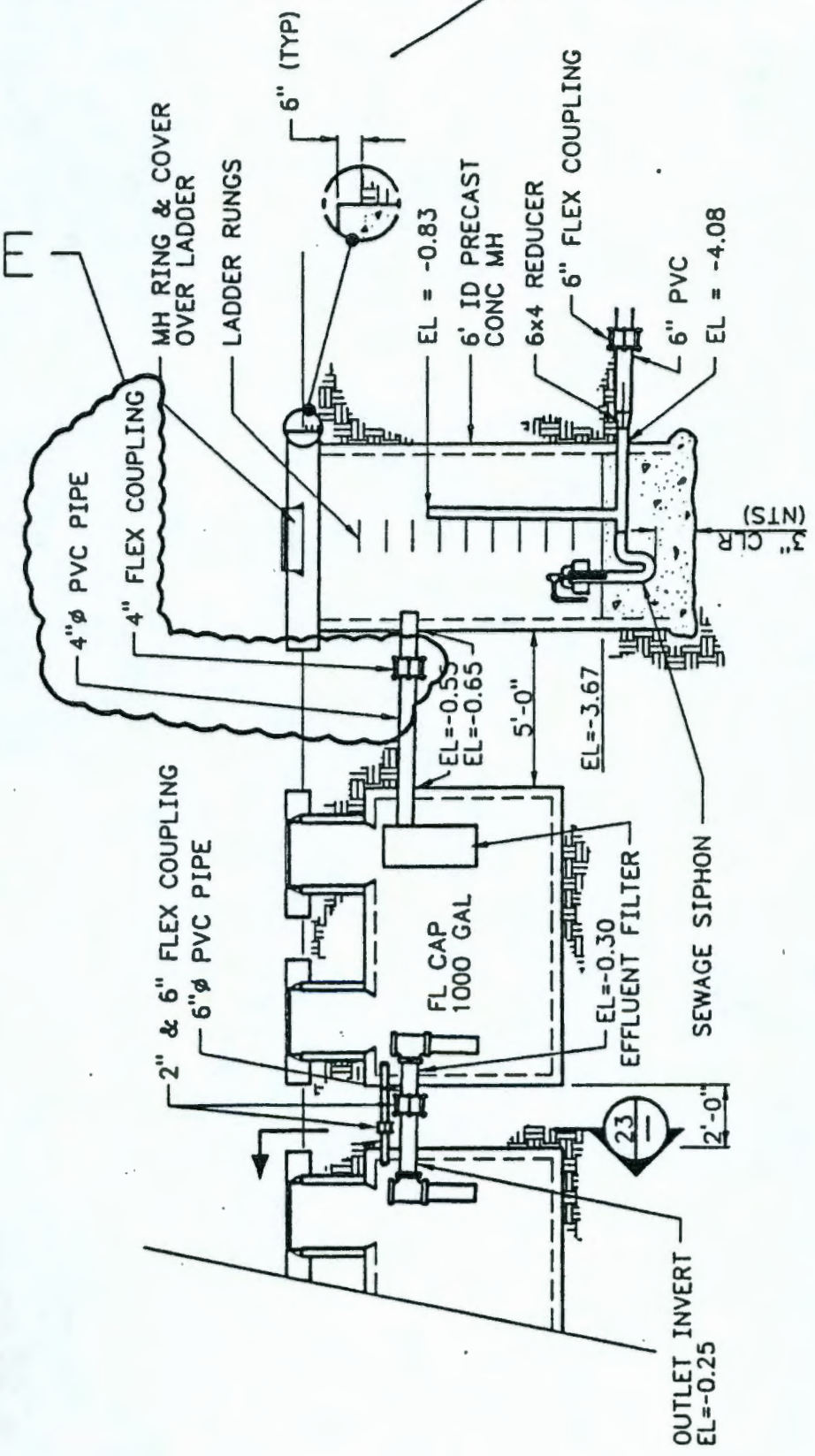
2.7.5 Before applying test pressure to piping, install necessary restraining devices to prevent distortion or displacement of piping.

2.7.6 Test all gravity sewer lines to 5 psi in accordance with WSDOT M41-10 Section 7-17.3(4)D and 7-17.3(4)E.

KAISER ENGINEERS HANFORD	ENGINEERING CHANGE NOTICE SKETCH					
Ref. Dwg.	Sh.	Rev.	Prepared By	Checked By	ECN No.	Page
H-2-83654	1	2	BA LORENZO		W-219-06	4/4

ZONE D6

REVISE



ECNW219-4.DWG(DEC)

KEH-0159.00 (1/88) ACAD.

Patch II