

ENGINEERING CHANGE NOTICE

Page 1 of 4

1. ECN ~~128612~~

Proj. ECN W016-77

- ECN Category (mark one)
- Supplemental
- Direct Revision
- Change ECN
- Temporary
- Supersedure
- Discovery
- Cancel/Void

3. Originator's Name, Organization, MSIN, and Telephone No.

KIM ANDERSON E2-30 3.3399

4. Date

11/5/91

5. Project Title/No./Work Order No. ~~CL5003~~

EMW STORAGE W016

6. Bldg./Sys./Fac. No.

12" SW LINE

7. Impact Level

3 / SC3

8. Document Number Affected (include rev. and sheet no.)

DWG H-2-80895 SHZ RD

9. Related ECN No(s).

W016-71

10. Related PO No.

NA

11a. Modification Work

- Yes (fill out Blk. 11b)
- No (NA Blks. 11b, 11c, 11d)

UNKNOWN

11b. Work Package Doc. No.

UNKNOWN

11c. Complete Installation Work

Cog. Engineer Signature & Date

11d. Complete Restoration (Temp. ECN only)

Cog. Engineer Signature & Date

12. Description of Change

- 1) SLOPE NEW 12" SW LINE TO INTERSECT BELOW EXISTING 10" SW @ APPROX STA 37+00 AS SHOWN ON Pg 3
- 2) ADD NEW LOW POINT DRAIN VALVE ON 12" SW LINE JUST WEST OF 90° ELL LOCATED ON W77320 AS SHOWN ON Pg 4

APPROVED FOR PUBLIC RELEASE

5/11/92 N. Solis



13a. Justification (mark one)

- Criteria Change
- Design Improvement
- Environmental
- As-Found
- Facilitate Const.
- Const. Error/Omission
- Design Error/Omission

13b. Justification Details

ELEVATION OF NEW 12" SW LINE INTERCEPTS EXISTING 10" SW LINE @ SAME ELEV JUST WEST OF PFP FENCE AND SOUTH OF 19TH STREET

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

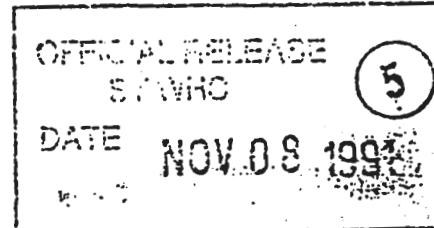
KEH DISTRIBUTION
Const Doc Cntl E2-50

WHC DISTRIBUTION

- Project Files R1-28
- N. F. Barilo R3-54
- J. K. Epperley R1-29
- J. R. McGee G6-47
- P. J. McKenna R3-54
- H. E. Wellsfry (PE) G6-47
- T. L. Yount G6-47
- DOE/M. S. Collins A5-18

STA. 6 T2-03
STA. 10 A3-87

RELEASE STAMP



ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)

W046-77

15. Design Verification Required

Yes
 No

16. Cost Impact

ENGINEERING

Additional \$ 107
Savings \$ _____

CONSTRUCTION

Additional \$ 0
Savings \$ _____

17. Schedule Impact (days)

Improvement 0
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 <input type="checkbox"/> Functional Design Criteria <input type="checkbox"/> Operating Specification <input type="checkbox"/> Criticality Specification <input type="checkbox"/> Conceptual Design Report <input type="checkbox"/> Equipment Spec. <input type="checkbox"/> Const. Spec. <input type="checkbox"/> Procurement Spec. <input type="checkbox"/> Vendor Information <input type="checkbox"/> OM Manual <input type="checkbox"/> FSAR/SAR <input type="checkbox"/> Safety Equipment List <input type="checkbox"/> Radiation Work Permit <input type="checkbox"/> Environmental Impact Statement <input type="checkbox"/> Environmental Report <input type="checkbox"/> Environmental Permit <input type="checkbox"/>	Seismic/Stress Analysis <input type="checkbox"/> Stress/Design Report <input type="checkbox"/> Interface Control Drawing <input type="checkbox"/> Calibration Procedure <input type="checkbox"/> Installation Procedure <input type="checkbox"/> Maintenance Procedure <input type="checkbox"/> Engineering Procedure <input type="checkbox"/> Operating Instruction <input type="checkbox"/> Operating Procedure <input type="checkbox"/> Operational Safety Requirement <input type="checkbox"/> IEFD Drawing <input type="checkbox"/> Cell Arrangement Drawing <input type="checkbox"/> Essential Material Specification <input type="checkbox"/> Fac. Proc. Samp. Schedule <input type="checkbox"/> Inspection Plan <input type="checkbox"/> Inventory Adjustment Request <input type="checkbox"/>	Tank Calibration Manual <input type="checkbox"/> Health Physics Procedure <input type="checkbox"/> Spares Multiple Unit Listing <input type="checkbox"/> Test Procedures/Specification <input type="checkbox"/> Component Index <input type="checkbox"/> ASME Coded Item <input type="checkbox"/> Human Factor Consideration <input type="checkbox"/> Computer Software <input type="checkbox"/> Electric Circuit Schedule <input type="checkbox"/> ICRS Procedure <input type="checkbox"/> Process Control Manual/Plan <input type="checkbox"/> Process Flow Chart <input type="checkbox"/> Purchase Requisition <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/>
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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

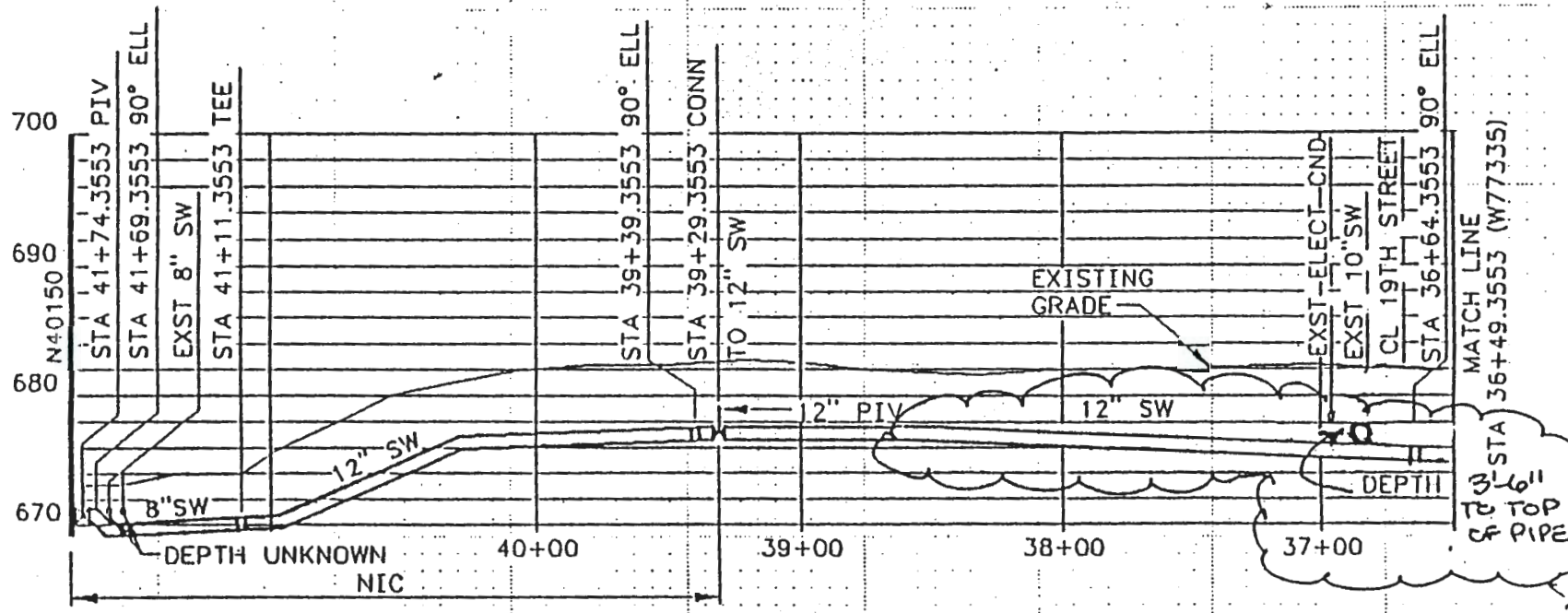
Signature	Date
OPERATIONS AND ENGINEERING	
Cog./Project Engineer <u>H.G. Wellefroy</u>	<u>11-7-91</u>
Cog./Project Engr. Mgr. <u>J. Hefner</u>	<u>11-7-91</u>
QA <u>J. Hefner</u>	<u>11-7-91</u>
Safety _____	_____
Security _____	_____
Proj. Prog./Dept. Mgr. _____	_____
Def. React. Div. _____	_____
Chem. Proc. Div. _____	_____
Def. Wst. Mgmt. Div. _____	_____
Adv. React. Dev. Div. _____	_____
Proj. Dept. _____	_____
Environ. Div. _____	_____
IRM Dept. _____	_____
Facility Rep. (Ops) _____	_____
Other <u>David A. Bell #2834</u>	<u>11/7/91</u>
<u>D.A. ROHL</u>	<u>S.H.E. WAD-S.</u>

Signature	Date
ARCHITECT-ENGINEER	
PE <u>[Signature]</u>	<u>11/6/91</u>
QA <u>[Signature]</u>	<u>11/6/91</u>
Safety <u>[Signature]</u>	<u>11-6-91</u>
Design <u>[Signature]</u>	<u>11/6/91</u>
Other <u>Environmental [Signature]</u>	<u>11/6/91</u>

DEPARTMENT OF ENERGY

ADDITIONAL

ENGINEERING CHANGE NOTICE SKETCH



PROFILE
SCALE: HORIZ: 1"=50'
VERT: 1"=10'

NOTE: • HORIZONTAL STATIONING TOLERANCE SHALL BE ±0.1 FEET FOR NEW SW LINE.

• SLOPE NEW 12" SW TO INTERSECT BELOW EXISTING 10" SW @ APPROX STA 37+00

KAISER ENGINEERS
HANFORD

ENGINEERING CHANGE NOTICE SKETCH

rel. Dwg.	Sh.	Rev.	Prepared By	Checked By	WJH/ECN No.	Page
H-2-20895	2	0	K ANDERSON	[Signature]	W016-77	44

