

START

ENGINEERING CHANGE NOTICE

0011259

Page 1 of 4

1. ECN ~~XXXXXXXXXX~~

Proj. ECN B-714-56

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

3. Originator's Name, Organization, MSIN, and Telephone No.
RON G. HOLLENBECK, KEH, E6-25, 6-1836

4. Date
08-29-90

5. Project Title/No./Work Order No.
SEE BLOCK 12

6. Bldg./Sys./Fac. No.
218-E-16

7. Impact Level
3

8. Document Number Affected (include rev. and sheet no.)
SEE BLOCK 12

9. Related ECN No(s).
B-714-52

10. Related PO No.
N/A

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

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

Block 5: B-714, GROUT VAULT PAIR (218-E-16-102 & 103)(218-E-16-104 & 105)/ER8007

Block 8: AFFECTED DOCUMENTS (DRAWINGS)

VAULTS 102 & 103

H-2-77583, SH 1, REV 0

VAULTS 104 & 105

H-2-78452, SH 1, REV 0

AFFECTED DOCUMENTS (SPECIFICATION)

SPECIFICATION B-714-C2, REV 0 (V-B714C2-003, REV 0)



1) H-2-77583, SH 1, REV 0 (affects ECN B-714-52, PAGE 5)
DETAIL 1: MODIFY - see page 3 of this ECN

2) H-2-78452, SH 1, REV 0 (affects ECN B-714-52, PAGE 7)
DETAIL 1: MODIFY - see page 4 of this ECN

3) SPECIFICATION B-714-C2, REV 0 (AFFECTS ECN B-714-19, B714-29) 11/30/90
A) SECTION 02145, PARA 2.1.4:

CHANGE Coefficient of Water Permeability Value to 0.2
CHANGE Apparent Opening Size Value to 70-140

B) ECN B-714-52, pg 4, item E (affects SECTION 02756, PARA 2.1.1)
DELETE Puncture Strength ASTM D 4833 100

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

13b. Justification Details

PERMEABILITY AND APPARENT OPENING SIZE WERE OVERLY RESTRICTIVE FOR INTENDED USE AS CONCRETE CONSTRUCTION AID. DRAWING DETAILS CHANGED TO FACILITATE CONSTRUCTION (Ref: WASH DEPT OF ECOLOGY LTR dtd 8-7-90, RE: GROUT WASTE FACILITY)

STATION 10 A3-87
LUPE GATA A3-80

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

KEH DISTRIBUTION

Const Doc Cntl E2-50
Engrg Doc Cntl E6-52

WHC DISTRIBUTION

Project Files R1-28
S. R. Briggs(PE R3-27
J. K. Epperley S0-05

WHC (con't)

Q. A. Halverson R3-09
J. F. Hill [2] H4-57
J. R. McGee S1-54
D. B. Powell [4] R4-03
J. E. Vanbeek R3-27

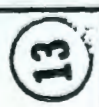
DOE
A. G. Lassila A5-18

RELEASE STAMP

OFFICIAL RELEASE
BY WHC

DATE SEP 04 1990

STATION #4



9112050875

ENGINEERING CHANGE NOTICE

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

B-714-56

15. Design Verification Required

Yes
 No

16. Cost Impact

ENGINEERING

Additional \$ 975
Savings \$ _____

CONSTRUCTION

Additional \$ 3500
Savings \$ _____

17. Schedule Impact (days)

Improvement NA
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		Signature	Date
<u>OPERATIONS AND ENGINEERING</u>			<u>ARCHITECT-ENGINEER</u>		
Cog./Project Engineer	<u>LR Buggins</u>	<u>8/31/90</u>	PE	<u>KC Buggad</u>	<u>8/30/90</u>
Cog./Project Engr. Mgr.	<u>JE Van Borch</u>	<u>8/31/90</u>	QA	<u>TD Ward</u>	<u>8/30/90</u>
QA	<u>Jack Emser</u>	<u>8/31/90</u>	Safety	<u>J Schubeck</u>	<u>8-30-90</u>
Safety	<u>NA</u>	_____	Design	<u>ENVIR R. Hollenbeck</u>	<u>8/30/90</u>
Security	_____	_____	Other	<u>PLE Note</u>	<u>8/30/90</u>
Proj. Prog./Dept. Mgr.	_____	_____		<u>R Hollenbeck</u>	<u>8/30/90</u>
Def. React. Div.	_____	_____	<u>DEPARTMENT OF ENERGY</u>		
Chem. Proc. Div.	_____	_____			
Def. Wst. Mgmt. Div.	_____	_____			
Adv. React. Dev. Div.	_____	_____			
Proj. Dept.	_____	_____			
Environ. Div.	_____	_____	<u>ADDITIONAL</u>		
IRM Dept.	_____	_____			
Facility Rep. (Ops)	_____	_____			
Other	_____	_____			
	_____	_____			
	_____	_____			

9 1 1 2 0 5 0 8 1 7

Ref. Dwg. Sh. Rev. Prepared By Checked By ECN No. Page

ECN B-714-515

5

TK EHRLARD

TK EHRLARD

Checked By

T. Anderson

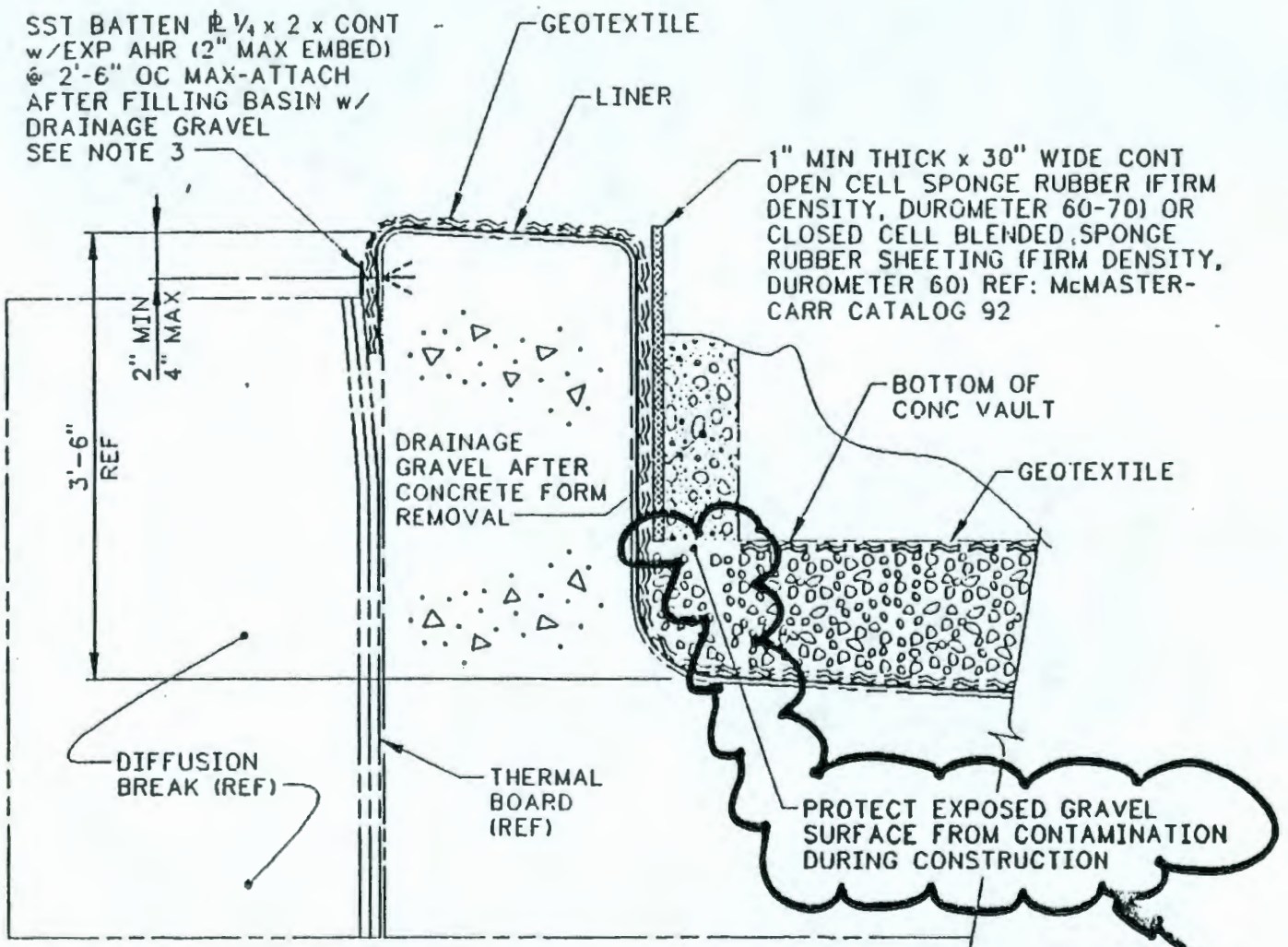
ECN No.

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REF: H-2-77S83, SH1, REV 0



REVISE

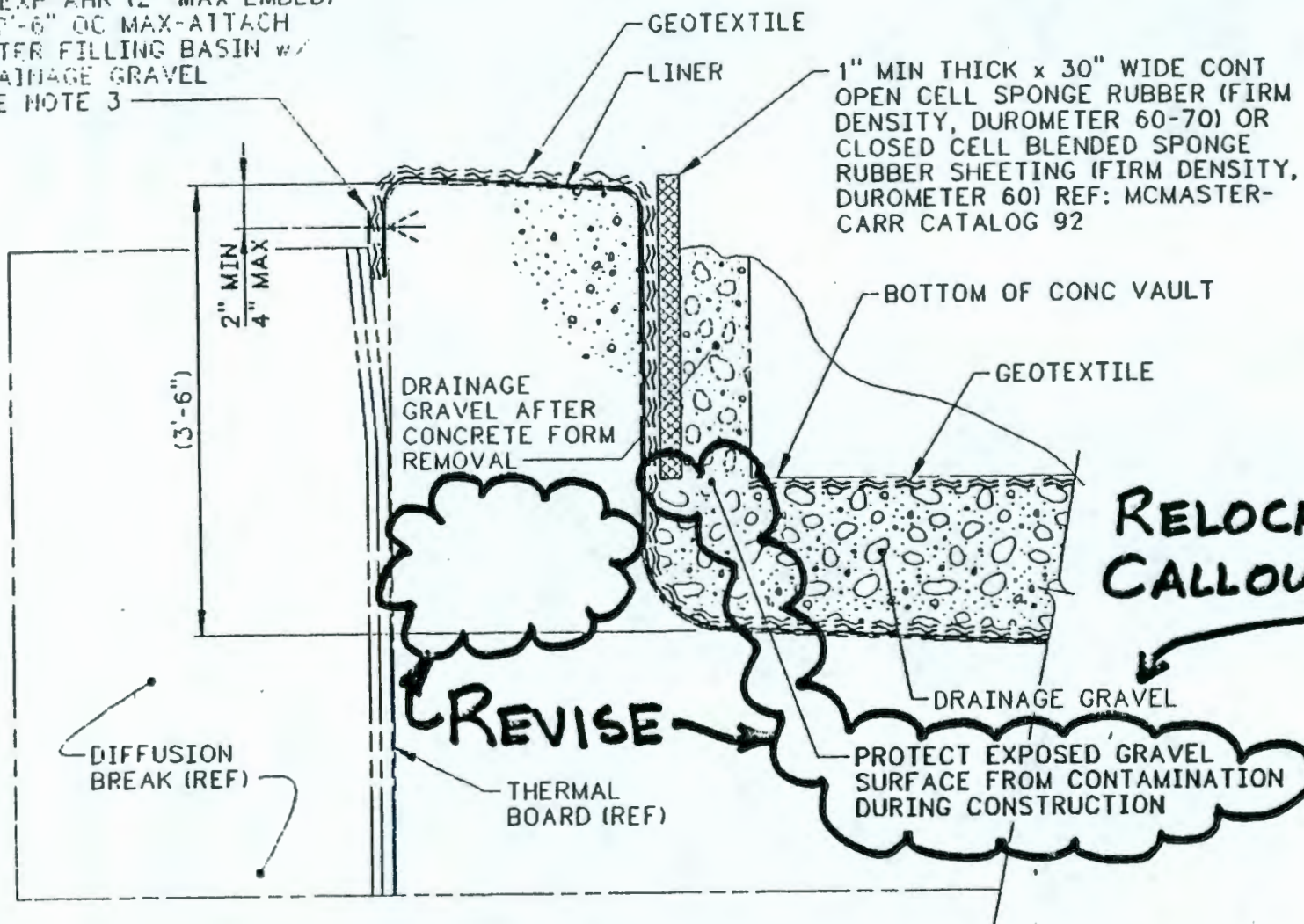
DETAIL 1
SCALE: NONE

9 1 1 2 7 5 7 0 0 7 0

Ref. Dwg. ECN B-714-52	Sh. 7	Rev. -	Prepared By TK ERHARD	Checked By T. J. ...	ECN No. B-714-56	Page 4/4
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REF: H-2-78452, SH1, REV 0

SST BATTEN #1/4 x 2 x CONT
w/EXP AHR (2" MAX EMBED)
@ 2'-6" OC MAX-ATTACH
AFTER FILLING BASIN w/
DRAINAGE GRAVEL
SEE NOTE 3



DETAIL (1)
SCALE: NONE