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Dalwyn R. Davidson

VICE PRESIDENT

SYSTEM ENGINEERING AND CONSTRUCTION

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June 29, 1981

Mr. James G. Keppler, Director of Region III  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137



RE: Perry Nuclear Power Plant  
Docket Nos. 50-440; 50-441  
Interim Report on Crack in  
Concrete Wall/Slab  
[RDC 28(81)]

Dear Mr. Keppler:

This letter serves as the Interim Report pursuant to 10 CFR 50.55(e) concerning a major crack in a concrete wall/slab of the Fuel Handling Building. This condition was first reported by W. J. Kacer of The Cleveland Electric Illuminating Company to L. G. McGregor of your office on June 2, 1981.

This report includes a description of the deficiency and the planned corrective actions.

Description of Deficiency

The slab IB0-S10-599 is located on top of wall IB0-W37-597. The crack is continuous through the wall and into the slab. The wall was placed on August 14, 1980; the slab was placed on December 10, 1980.

This crack was identified as a result of subsequent routine quality control inspection and was visually evident through the surface of the wall. Nonconformance Report NECC 841 was initiated and ongoing investigation has revealed the extent and location of the crack as illustrated on Attachments 1-5 of this report.

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5  
1/1

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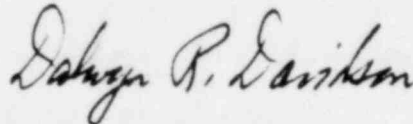
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Planned Corrective Action

The concrete involved is in the process of being removed to expose the entire condition. After removal is completed, concrete will be placed in compliance with project specification and drawings.

At present, no additional examples of this condition have been identified in other previously placed concrete and the planned date for submittal of this final report is October 1, 1981.

Very truly yours,



Dalwyn R. Davidson  
Vice President  
System Engineering and Construction

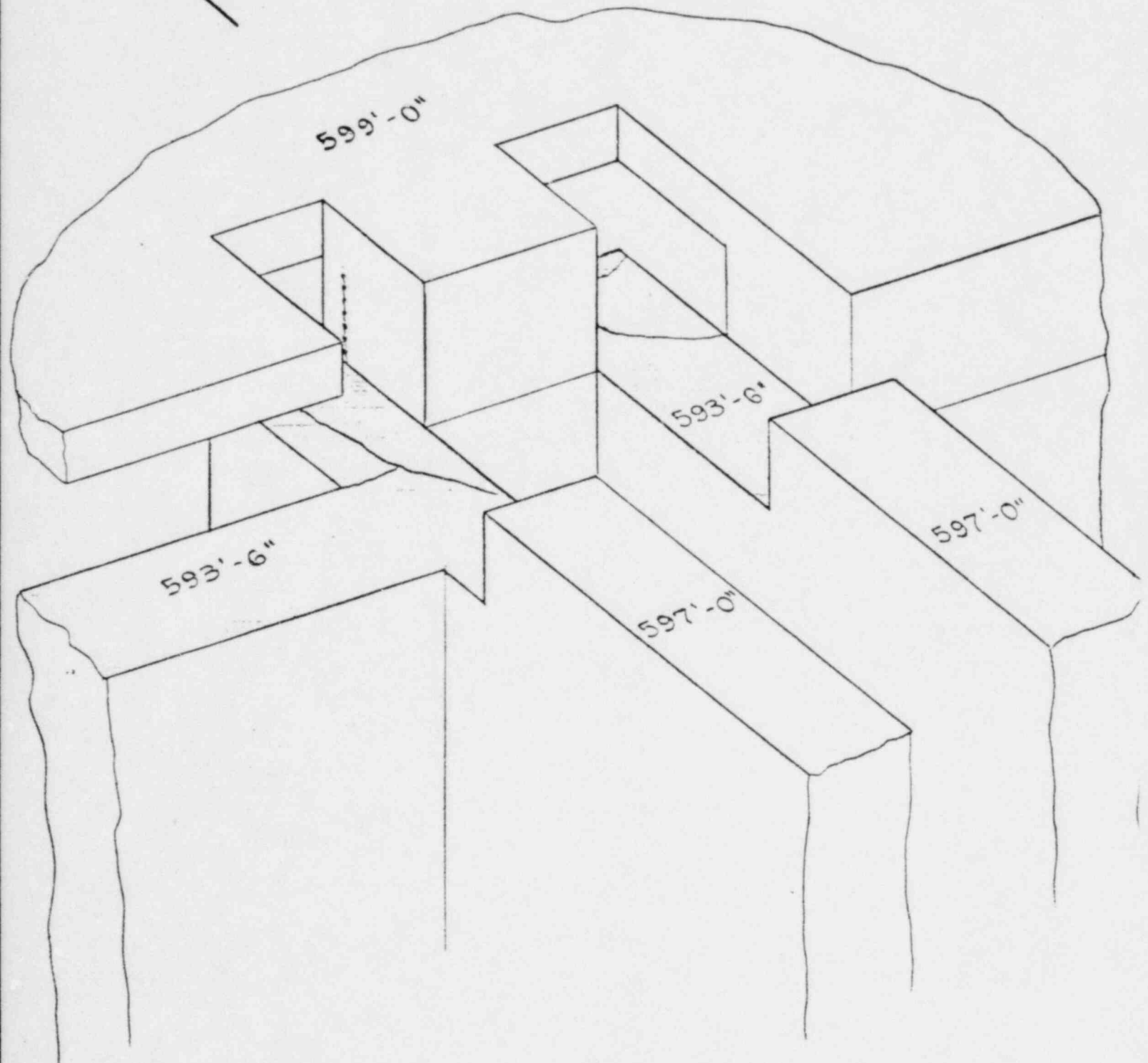
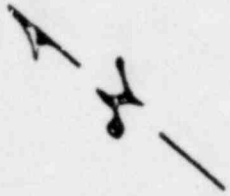
DRD:pab

cc: J. Hughes  
USNRC - Site

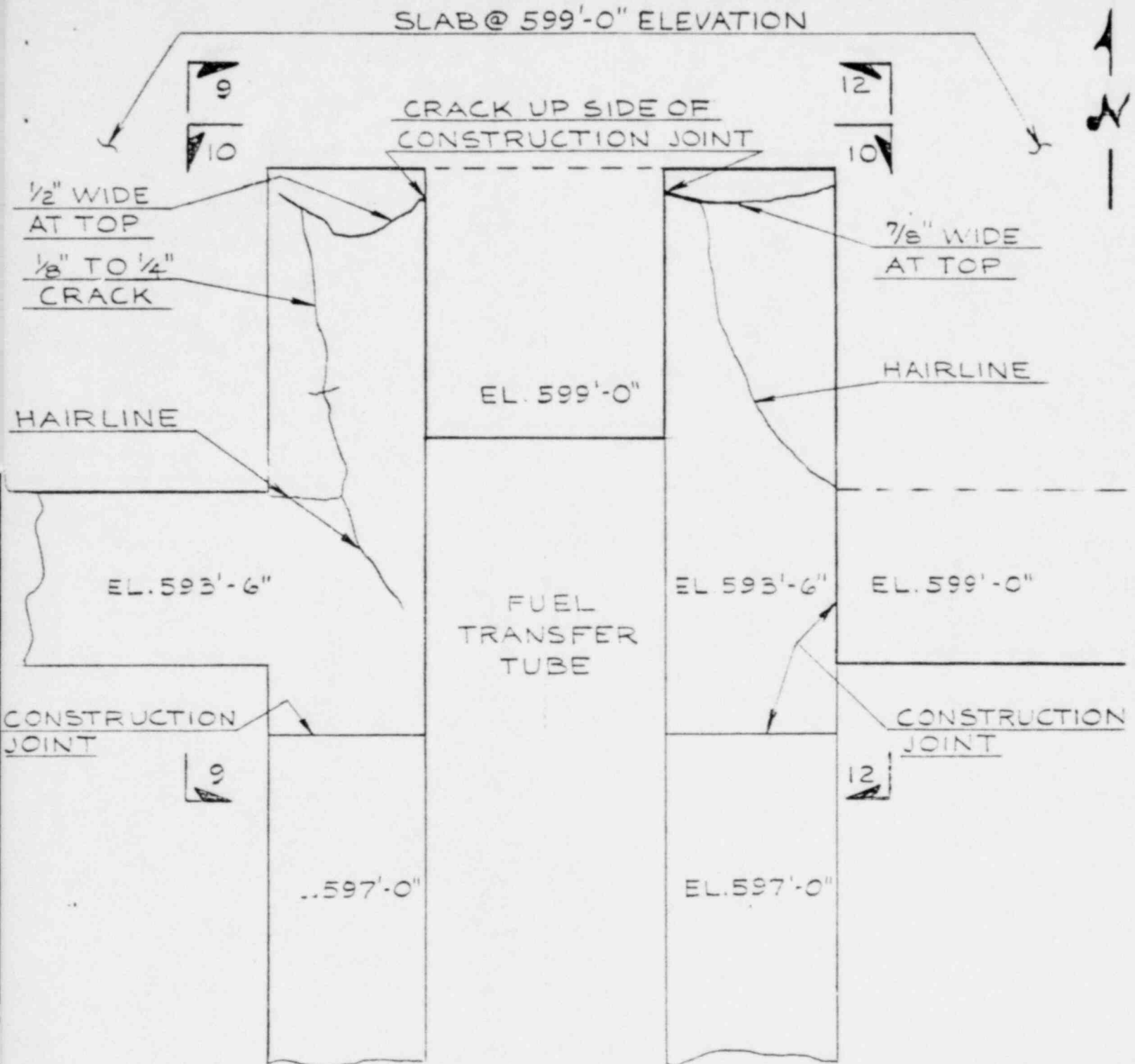
Mr. Victor Stello, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission  
c/o Document Management Branch  
Washington, D.C. 20555

# ISOMETRIC



SLAB @ 599'-0" ELEVATION



PLAN VIEW

CRACK FOLLOWS  
HORIZONTAL REBAR

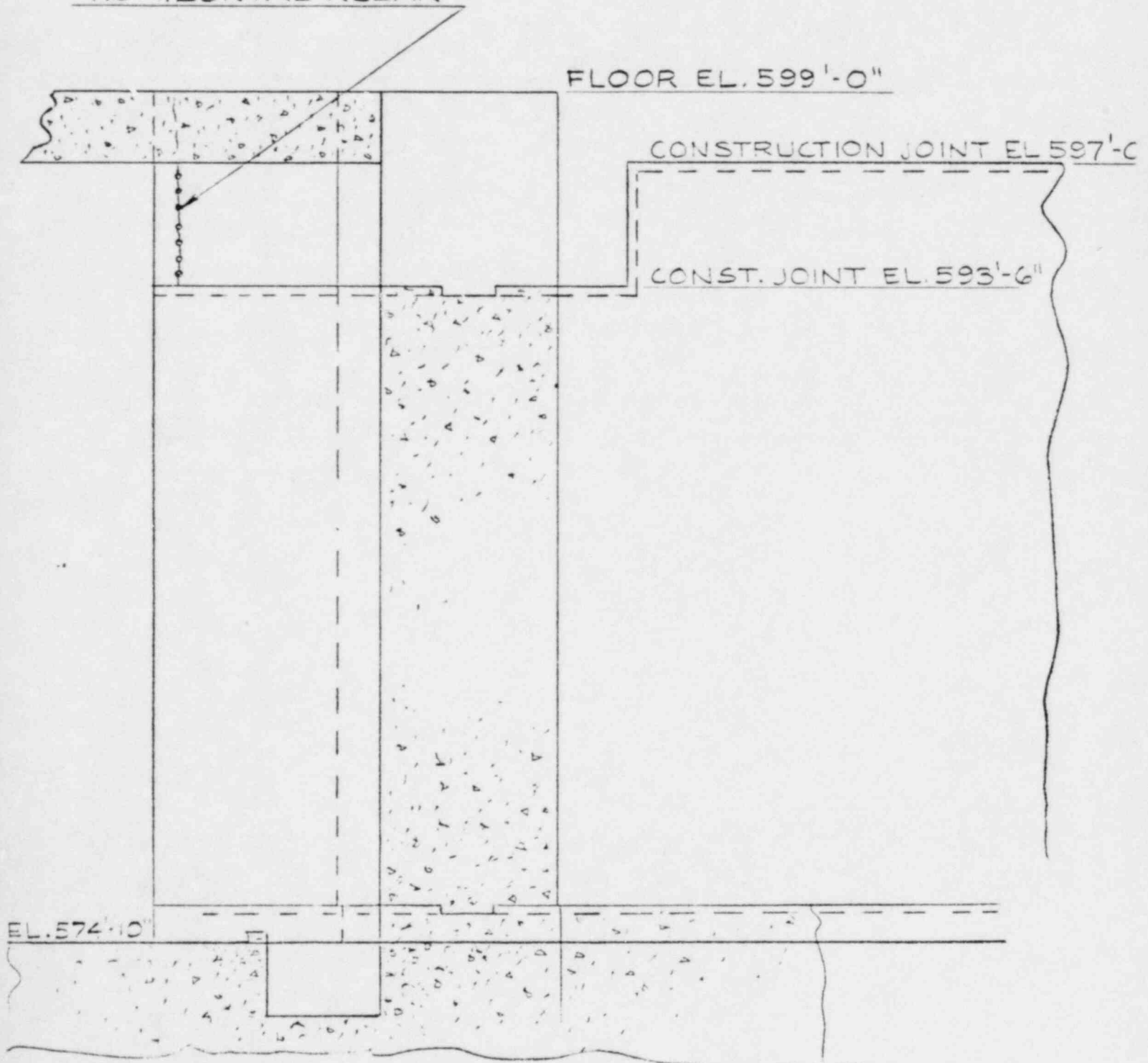
FLOOR EL. 599'-0"

CONSTRUCTION JOINT EL 597'-0"

CONST. JOINT EL. 593'-6"

EL. 574'-10"

ELEVATION 9-9



FLOOR EL. 599'-0"

EL. 593'-6"

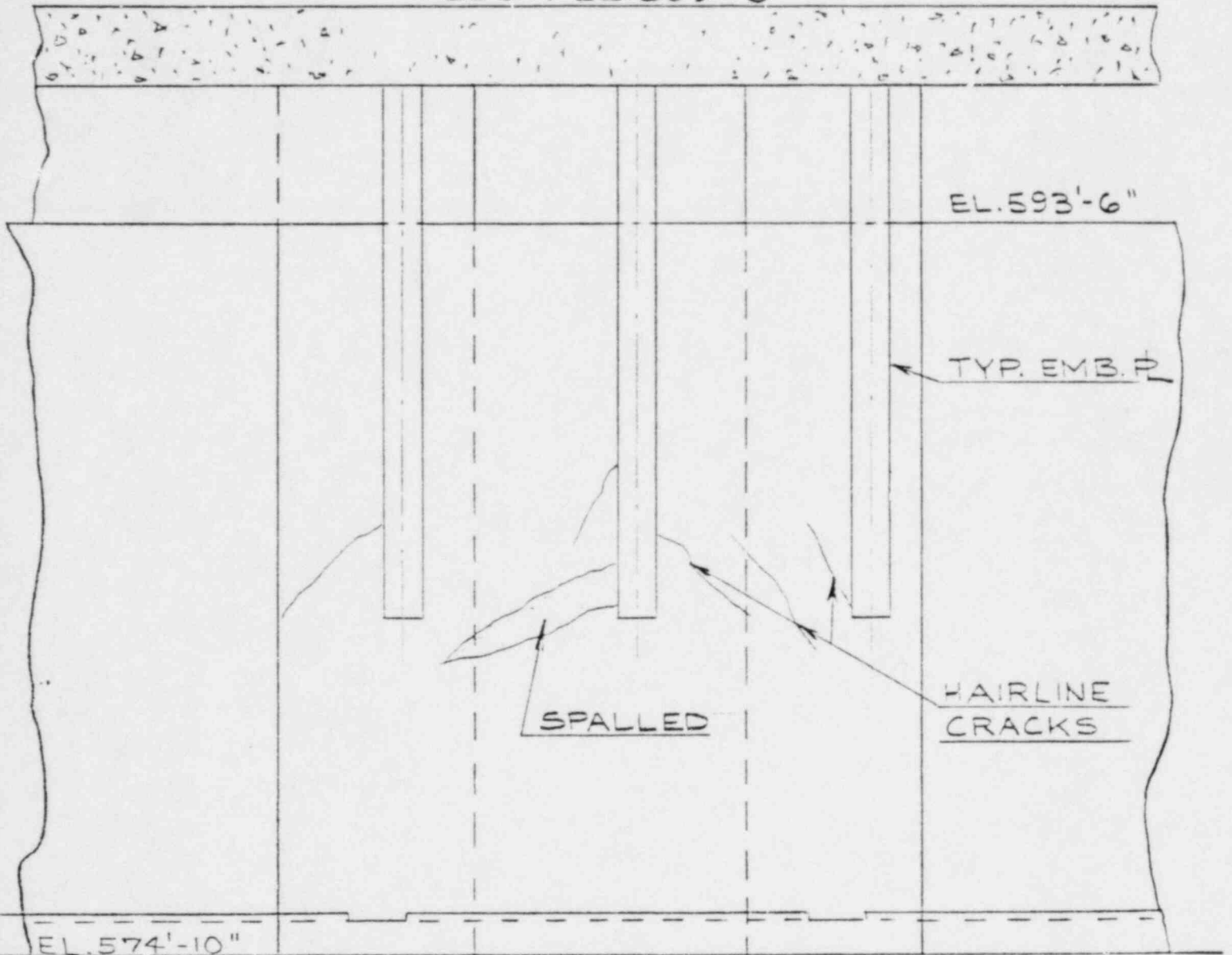
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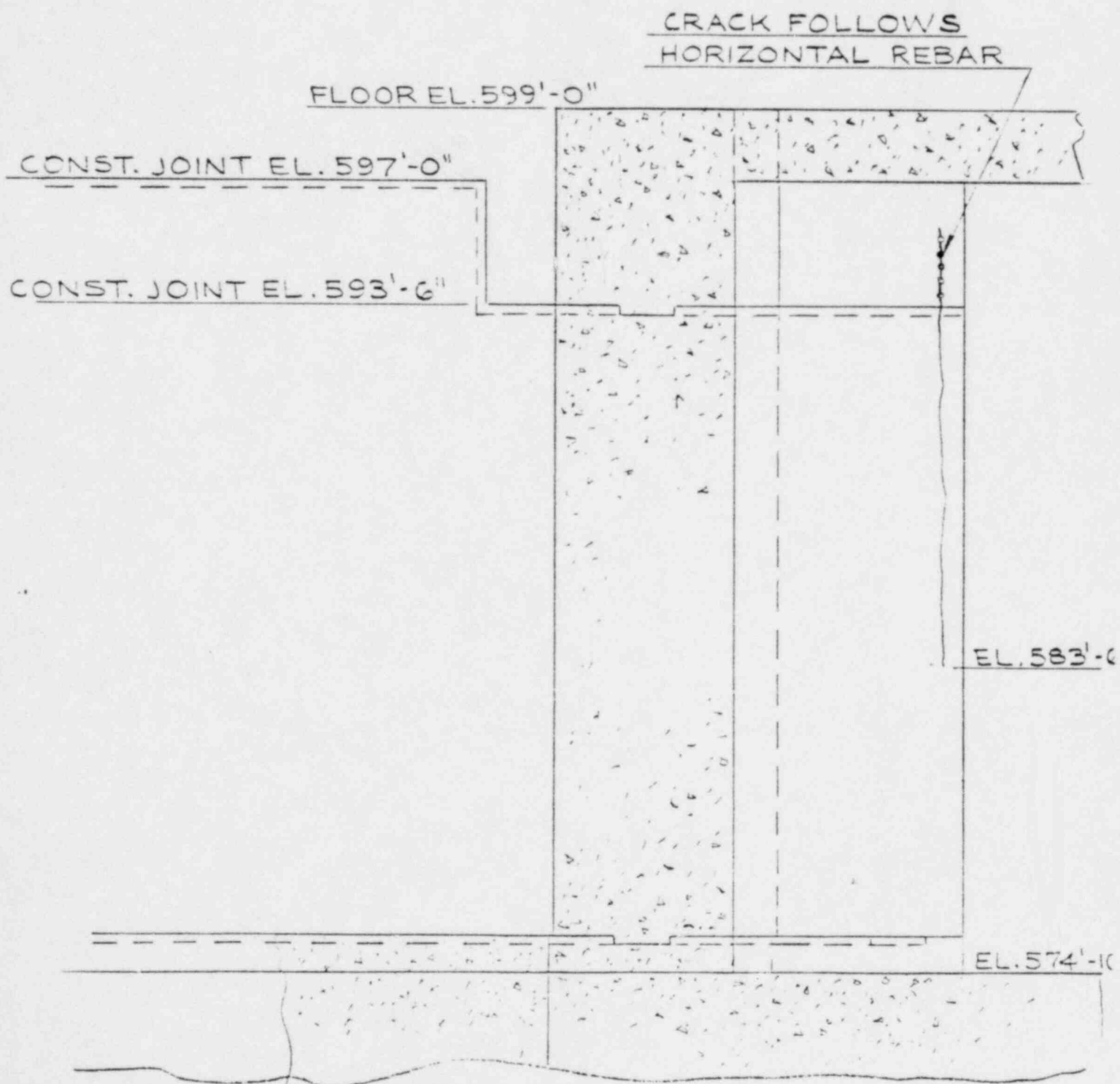
SPALLED

HAIRLINE  
CRACKS

EL. 574'-10"

ELEVATION 10-10





ELEVATION 12-12