

NOTES:
 Sect. X-X similar to Sect. C-C shown on Sheet 18 except top of walls at Elev. 609.08, and no top slabs.
 Aluminum covers shall be similar to those detailed and scheduled on Sheet 64. For number and size required at Sedimentation Tanks, see this sheet.
 For Detail A, see Sheet 18.
 For additional details, see Sheets 17, 18, and 19.

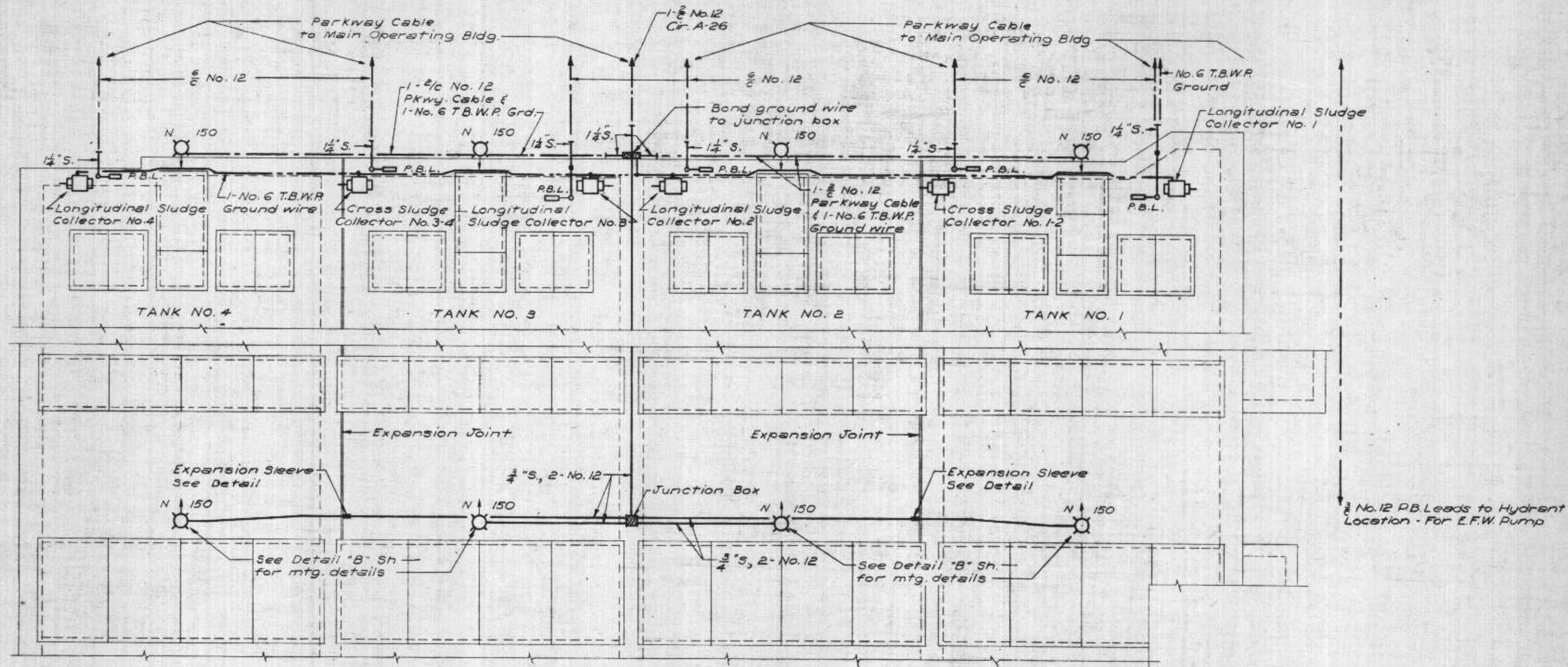
PLAN
 Scale: $\frac{1}{4}'' = 1'-0''$

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
 PUBLIC HEALTH SERVICE
 These Plans and Specifications submitted in connection with an Application for a permit to construct and installation of treatment works under the provisions of the Federal Water Pollution Control Act (as amended) and the regulations promulgated thereunder have been reviewed.
 (Reviewing Engineer) _____ (Date) _____
 and are herewith APPROVED
 (Regional Engineer)
 Region V, Chicago, Illinois _____ (Date) _____

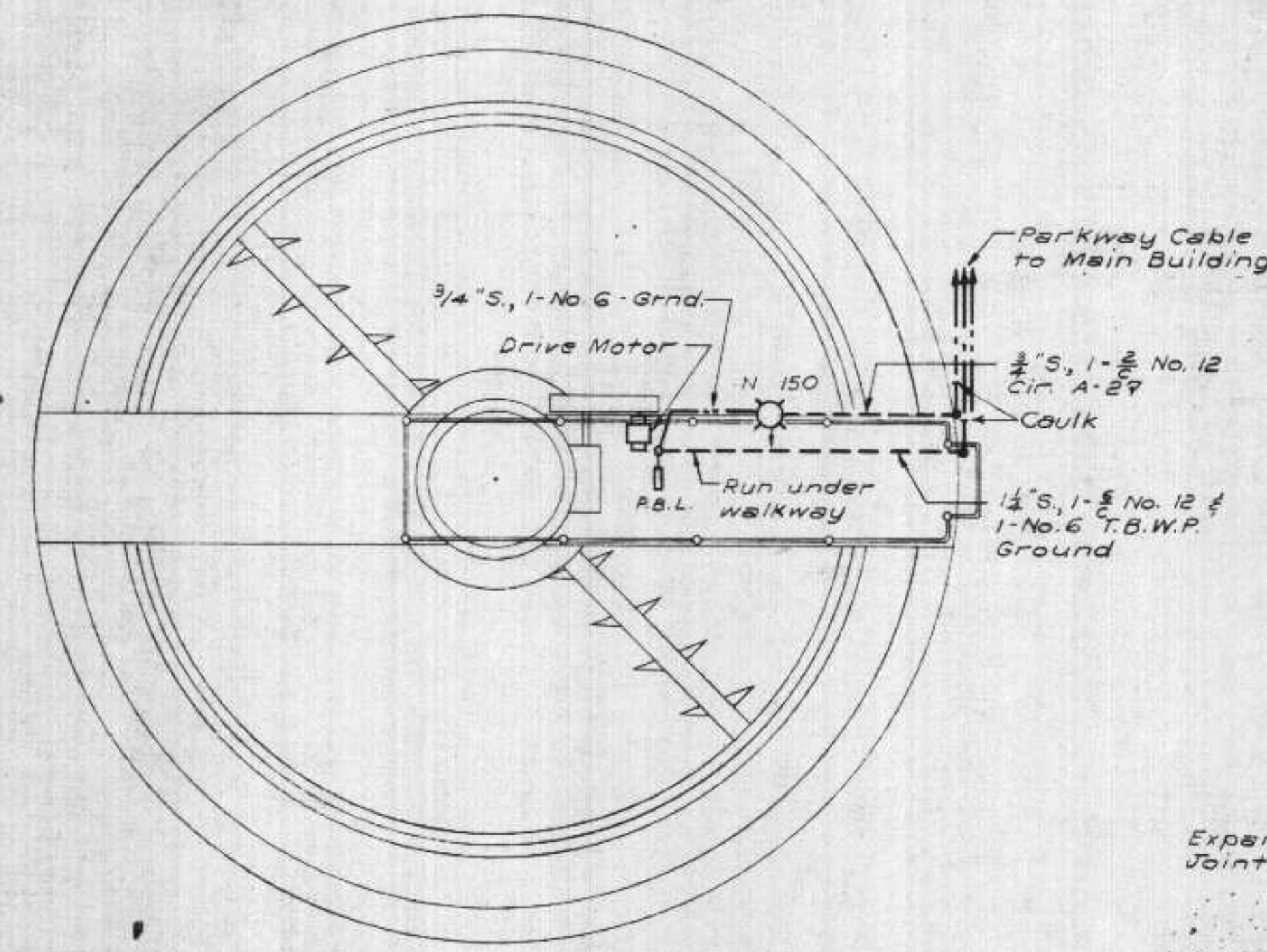
EXAMINED and reported upon by the Section on Environmental Sanitation
 O. J. MUEGGE
 State Sanitary Engineer
 APPROVED by the State Board of Health, as required by Wisconsin Statutes, subject to conditions set forth in the letter of approval
 JUL 6 1956
 Verification: *O. Brammald*
 CARL N. NEUPERT, M. D.
 State Health Officer

SUPERIOR, WISCONSIN
 SEWAGE TREATMENT PLANT
 SEDIMENTATION TANKS
 PLAN

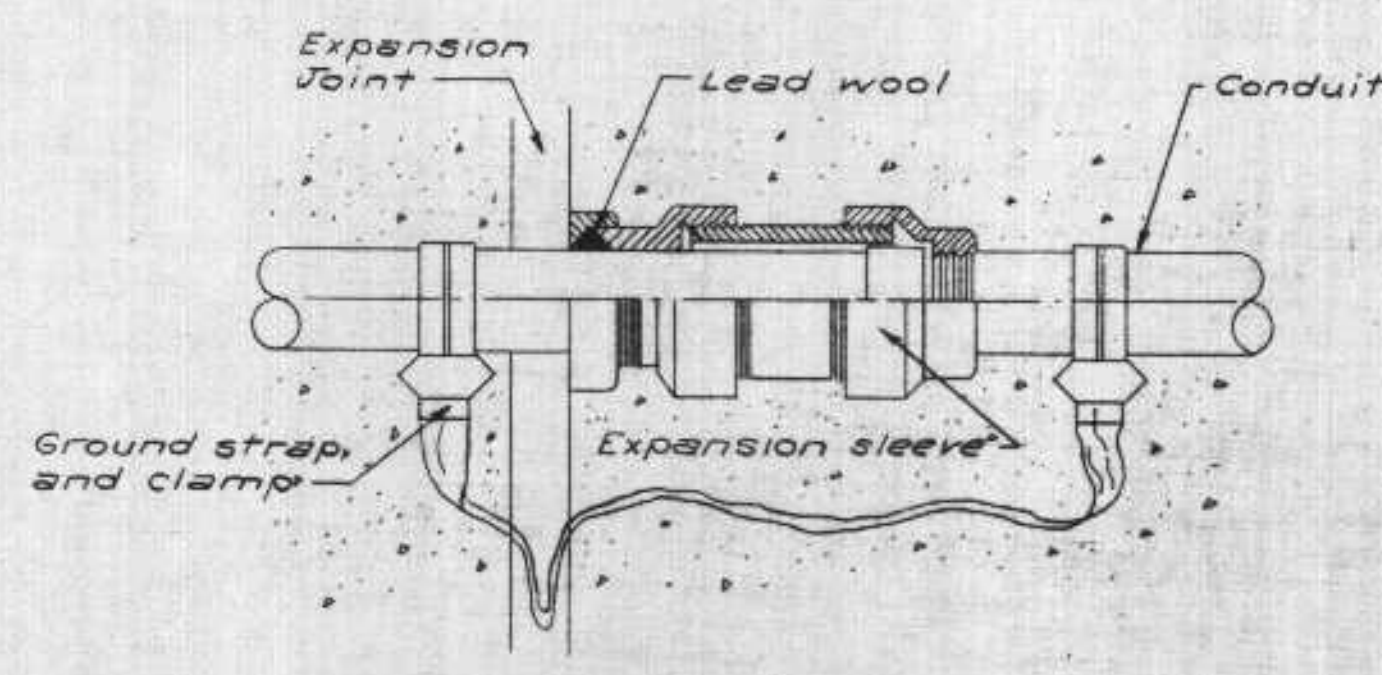
SCALE: $\frac{1}{4}''$ TO $1'-0''$ JULY 20, 1956
 METCALF & EDDY
 ENGINEERS
 BOSTON, MASS.



SEDIMENTATION TANKS
SCALE: 1/4" = 1'-0"



ELUTRIATION TANK
SCALE: 1/4" = 1'-0"



DETAIL - EXPANSION SLEEVE
NO SCALE

Note: Arrows on type "N" fixtures indicate direction of maximum distribution. Type "N" fixtures switched at Lighting Panel "A" Main Operating Building.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
These Plans and Specifications are submitted in connection with an Application for a permit to construct and install Sewerage Treatment Works under the provisions of the Federal Water Pollution Control Act (see 33 U.S.C. 467) and the regulations promulgated thereunder have been reviewed.

(Reviewing Engineer) (Date)
and are hereby APPROVED

(Regional Engineer) (Date)
Region V, Chicago, Illinois

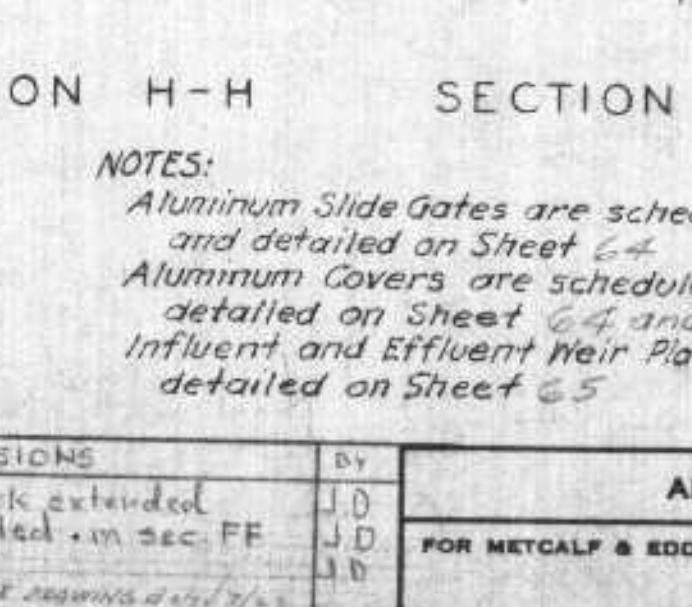
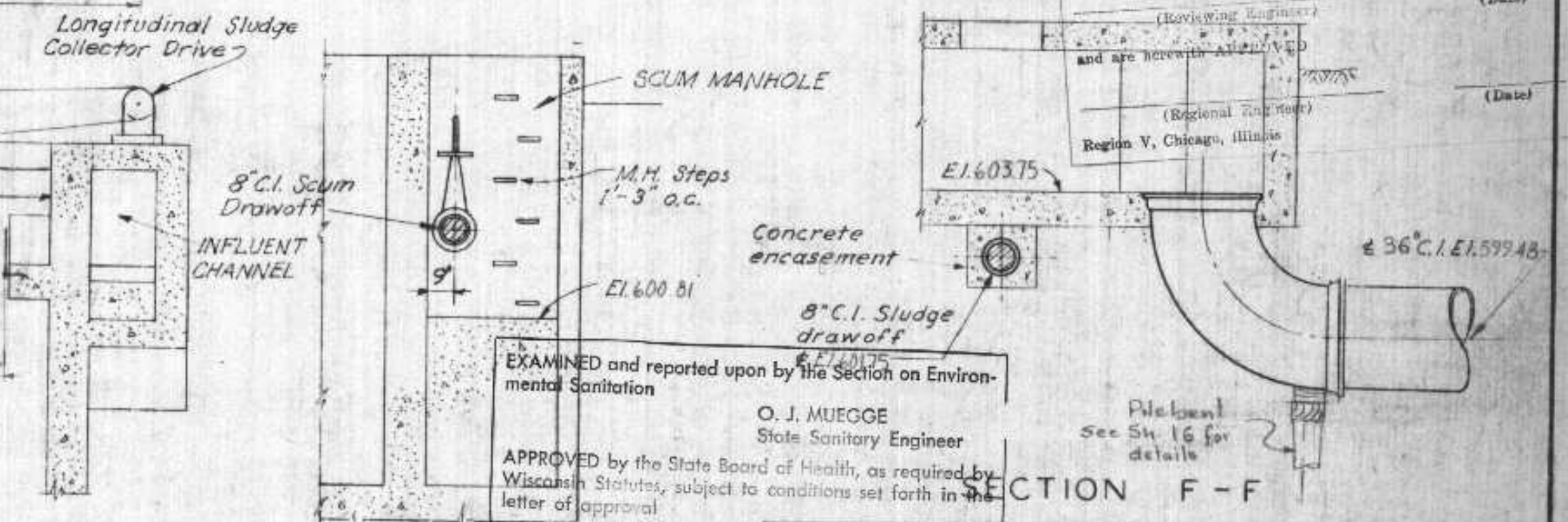
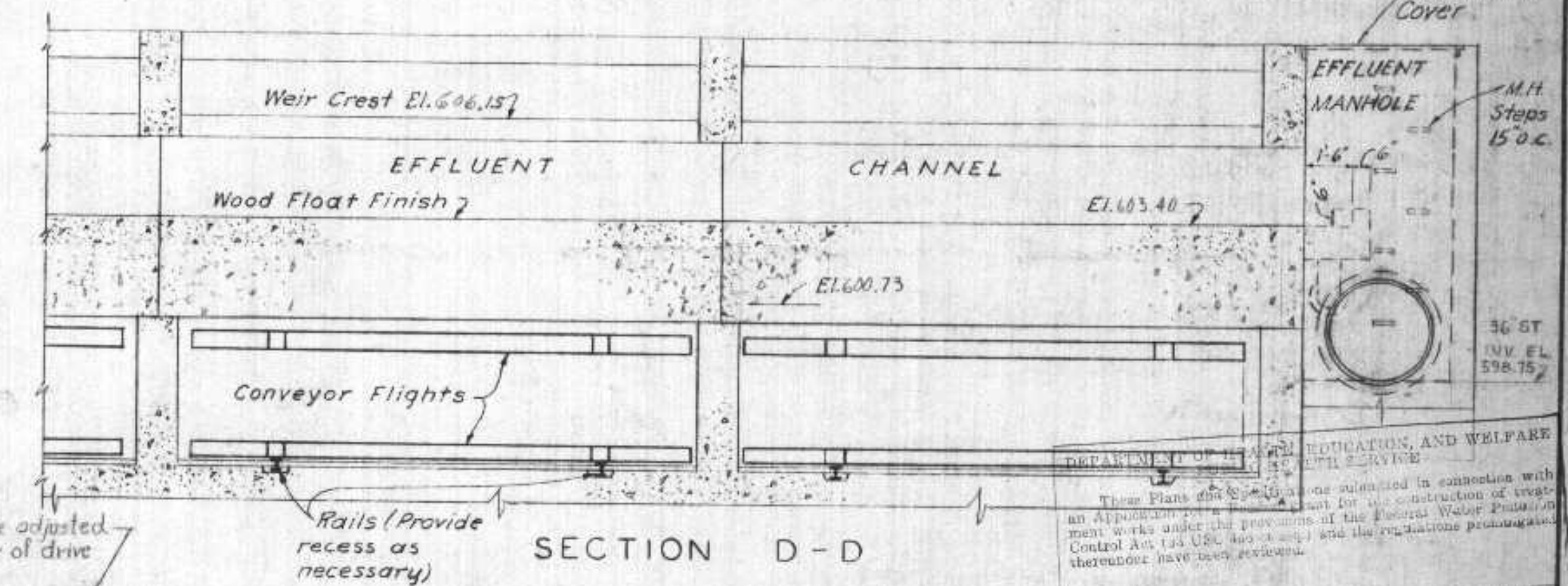
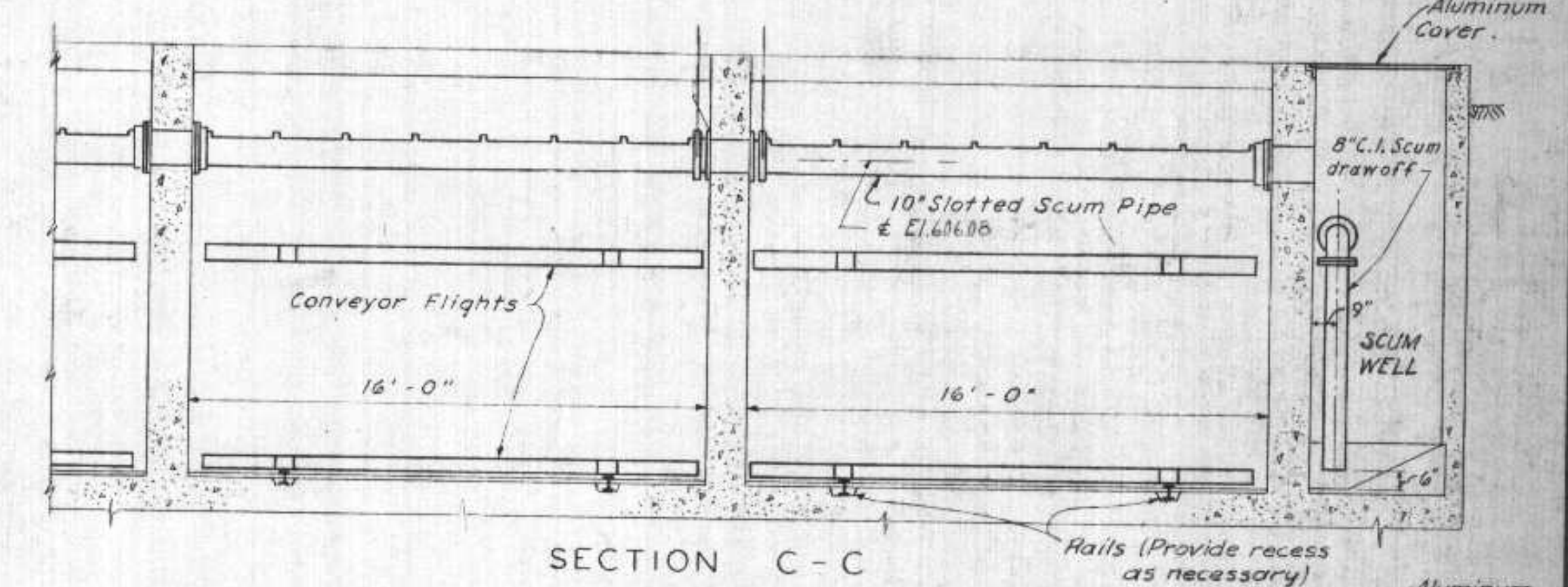
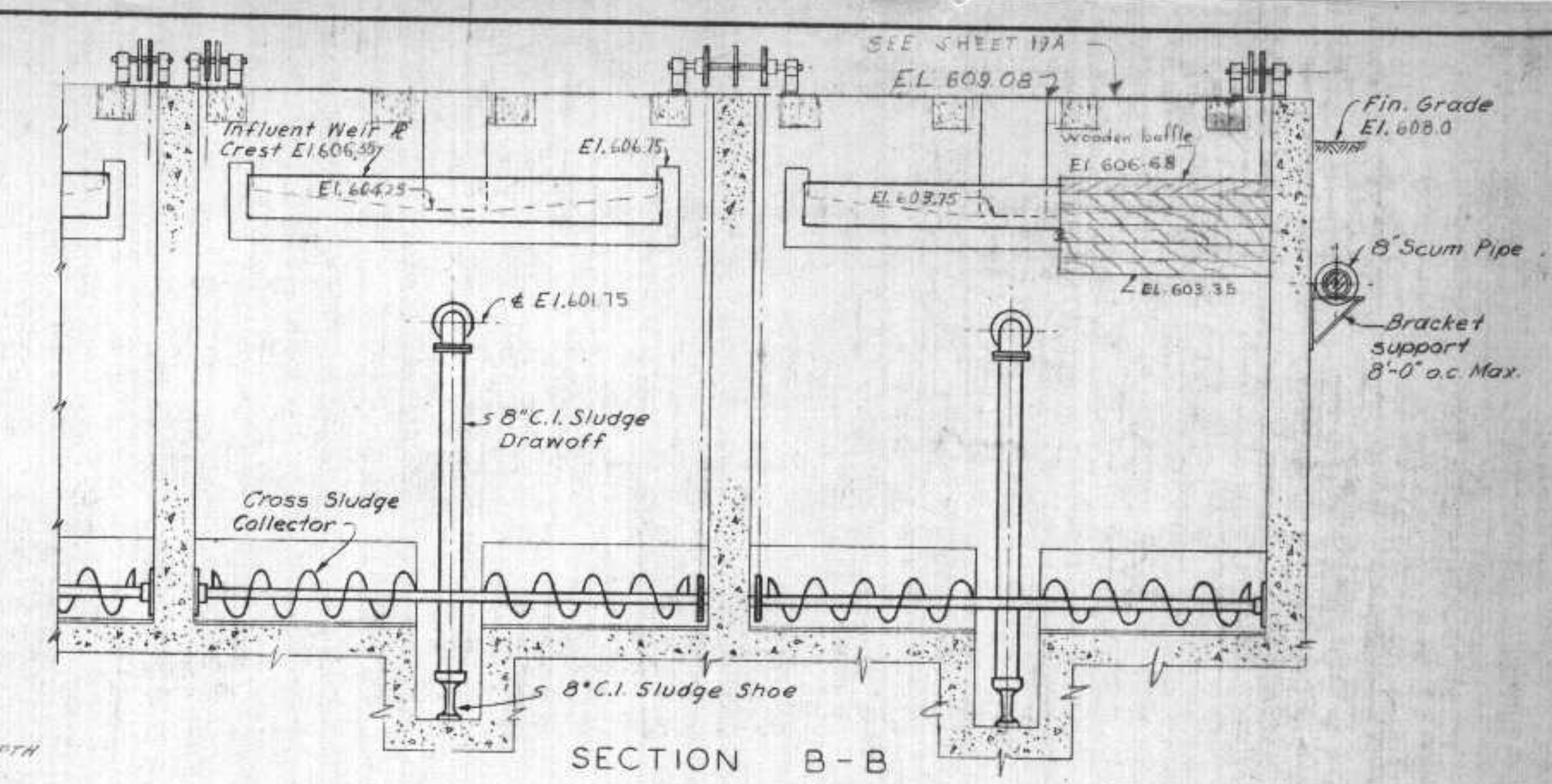
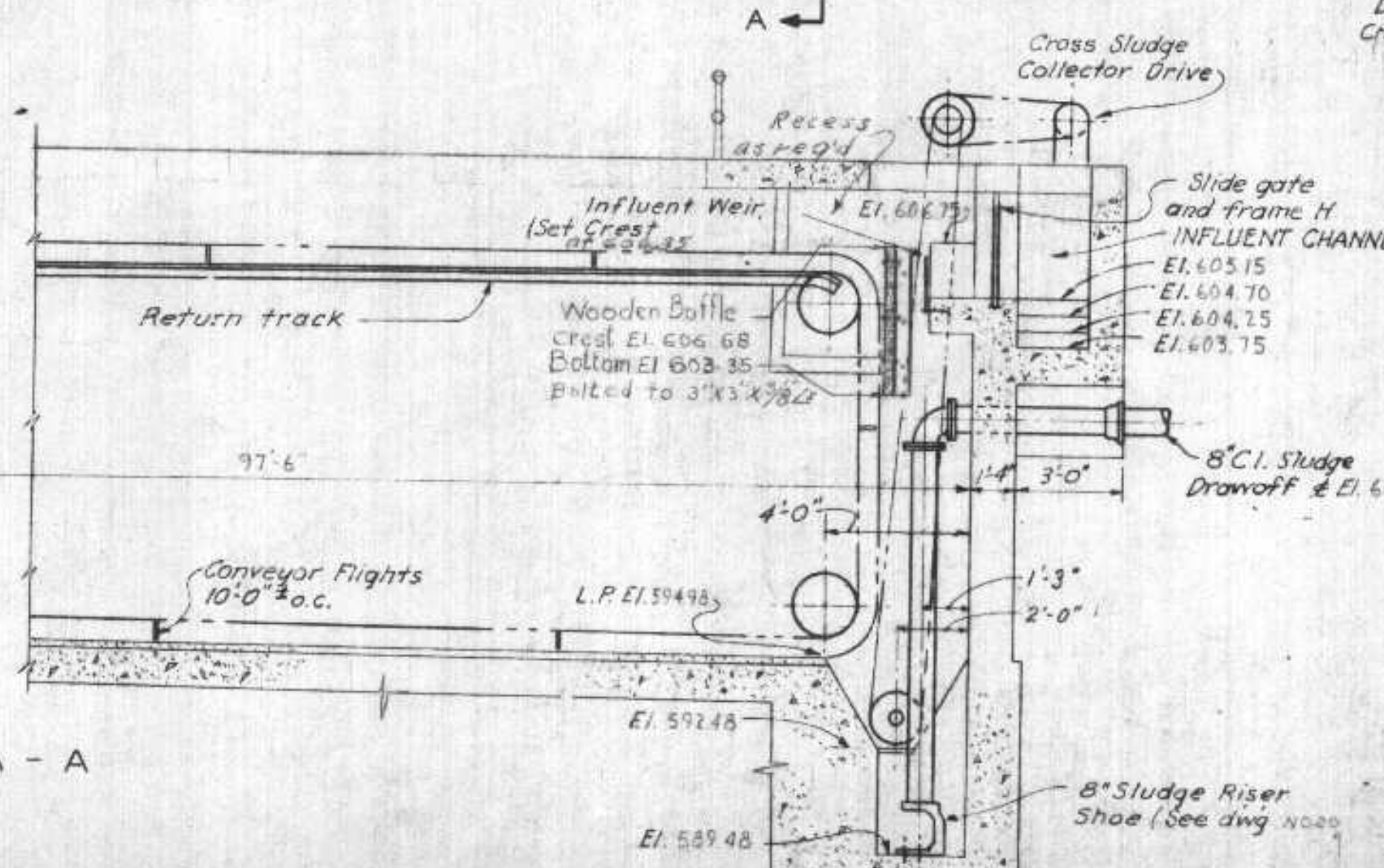
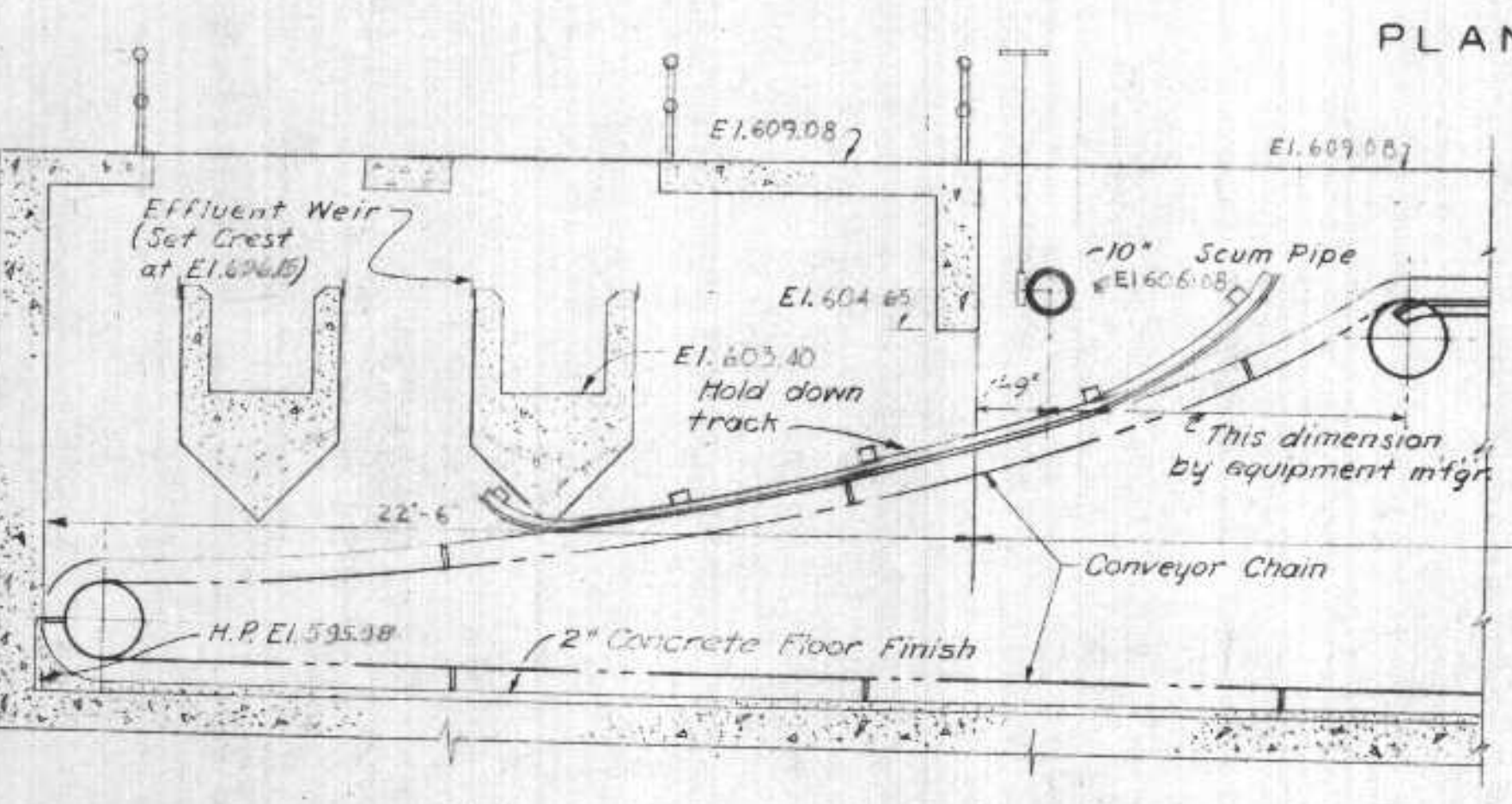
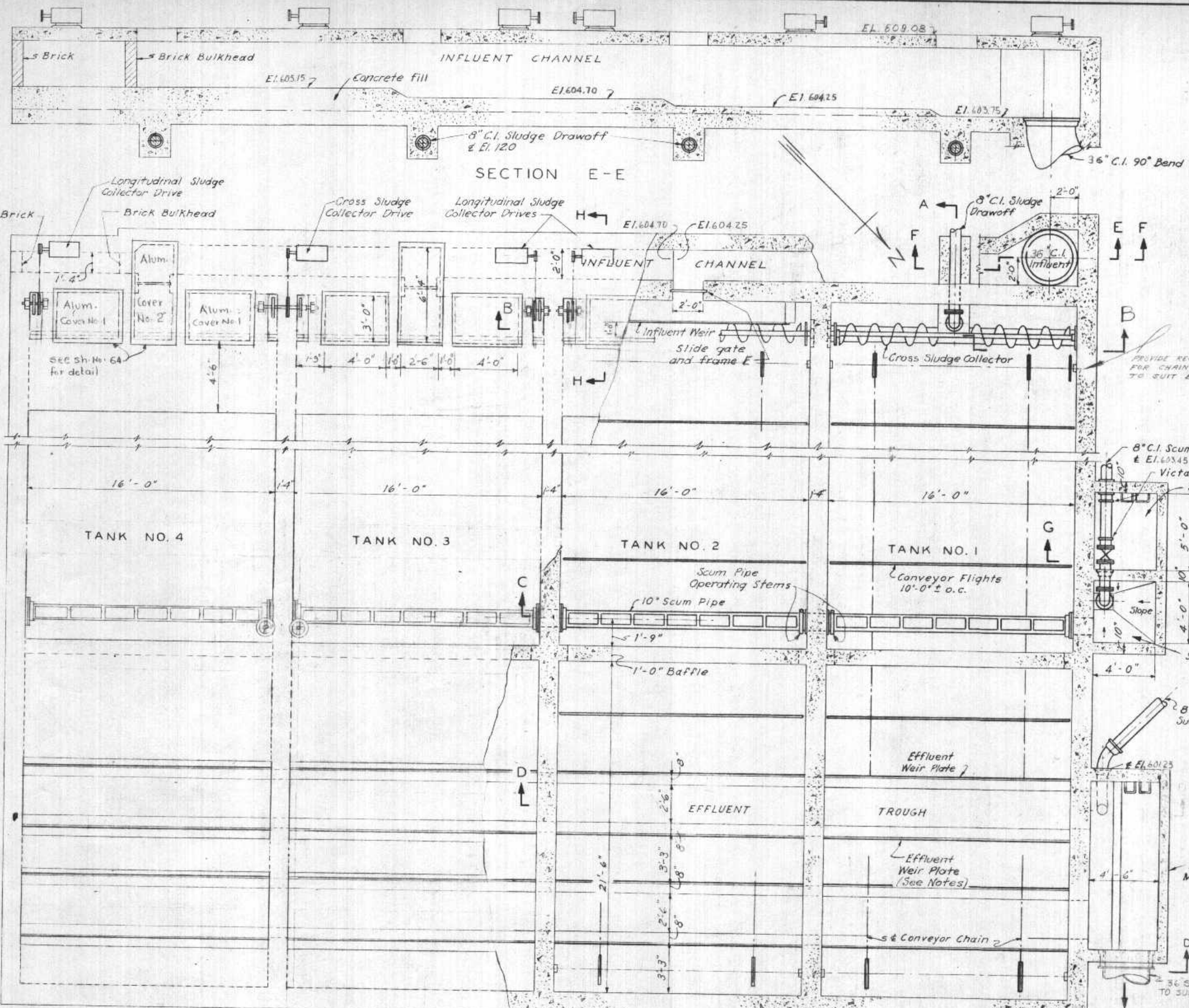
EXAMINED and reported upon by the Section on Environmental Sanitation
O. J. MUEGGE
State Sanitary Engineer
APPROVED by the State Board of Health, as required by Wisconsin Statutes, subject to conditions set forth in the letter of approval
JUL 6 1955
CARL N. NEUFERT, M. D.
State Health Officer
Verification *[Signature]*

SUPERIOR-WIS
SEWAGE TREATMENT PLANT
ELUTRIATION TANK - SEDIMENTATION TANKS
ELECTRICAL

APPROVED *[Signature]*
FOR METCALF & EDDY, ENGINEERS
DATE

SCALE, AS SHOWN
METCALF & EDDY
ENGINEERS
BOSTON, MASS.
HITCHCOCK & ESTABROOK
ENGINEERS
MINNEAPOLIS, MINN.

DRAWN BY R.N.C.
TRACED BY R.N.C.
CHECKED BY *[Signature]*



NOTES:
 Aluminum Slide Gates are scheduled and detailed on Sheet 64
 Aluminum Covers are scheduled and detailed on Sheet 64 and SHEET 19A
 Influent and Effluent Weir Plates are detailed on Sheet 65

EXAMINED and reported upon by the Section on Environmental Sanitation
 APPROVED by the State Board of Health, as required by Wisconsin Statutes, subject to conditions set forth in the letter of approval
 JUL 6 1956
 Verification [Signature]

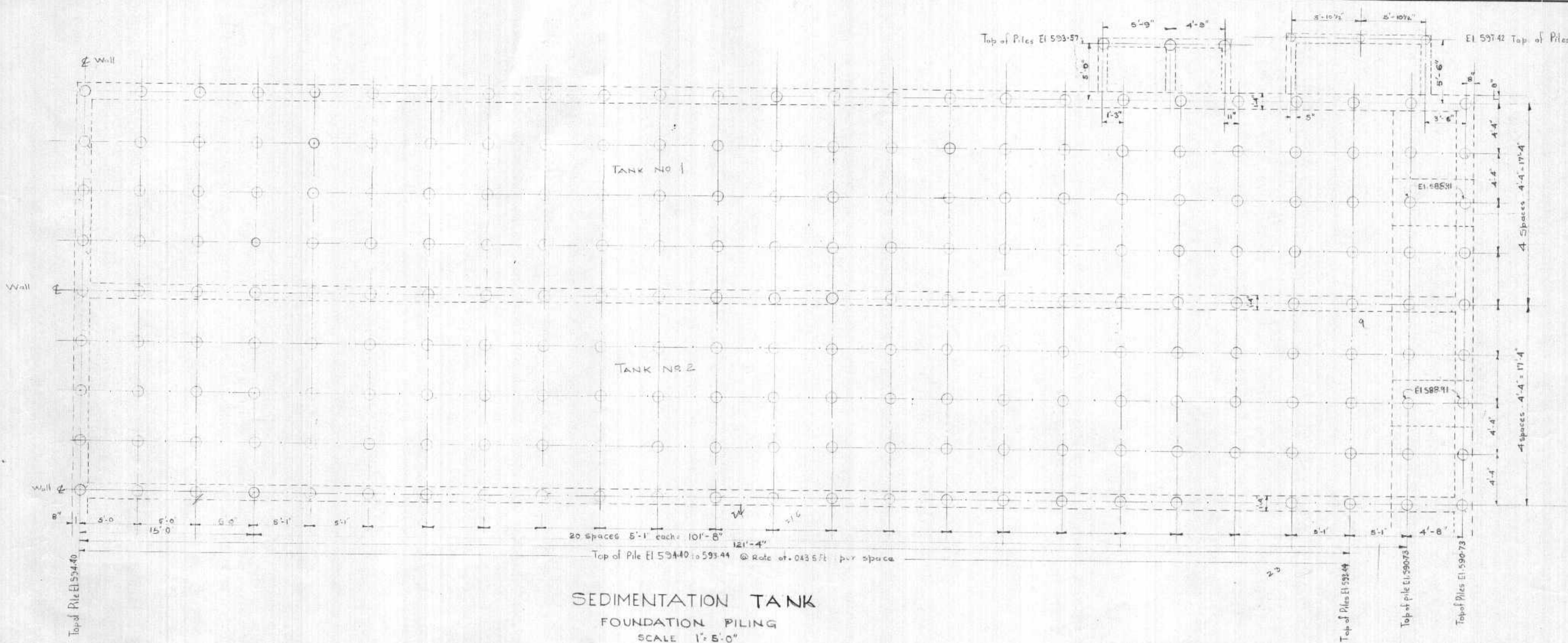
SUPERIOR WIS
 State Health Officer

DRAWN BY: [Signature]
 TRACED BY: [Signature]
 CHECKED BY: [Signature]

DATE	REVISIONS	By
6/1/56	Hold down track extended	J.D.
6/1/56	Pile bent added in sec FF	J.D.
6/1/56	Baffle added	J.D.

APPROVED
 FOR METCALF & EDDY, ENGINEERS

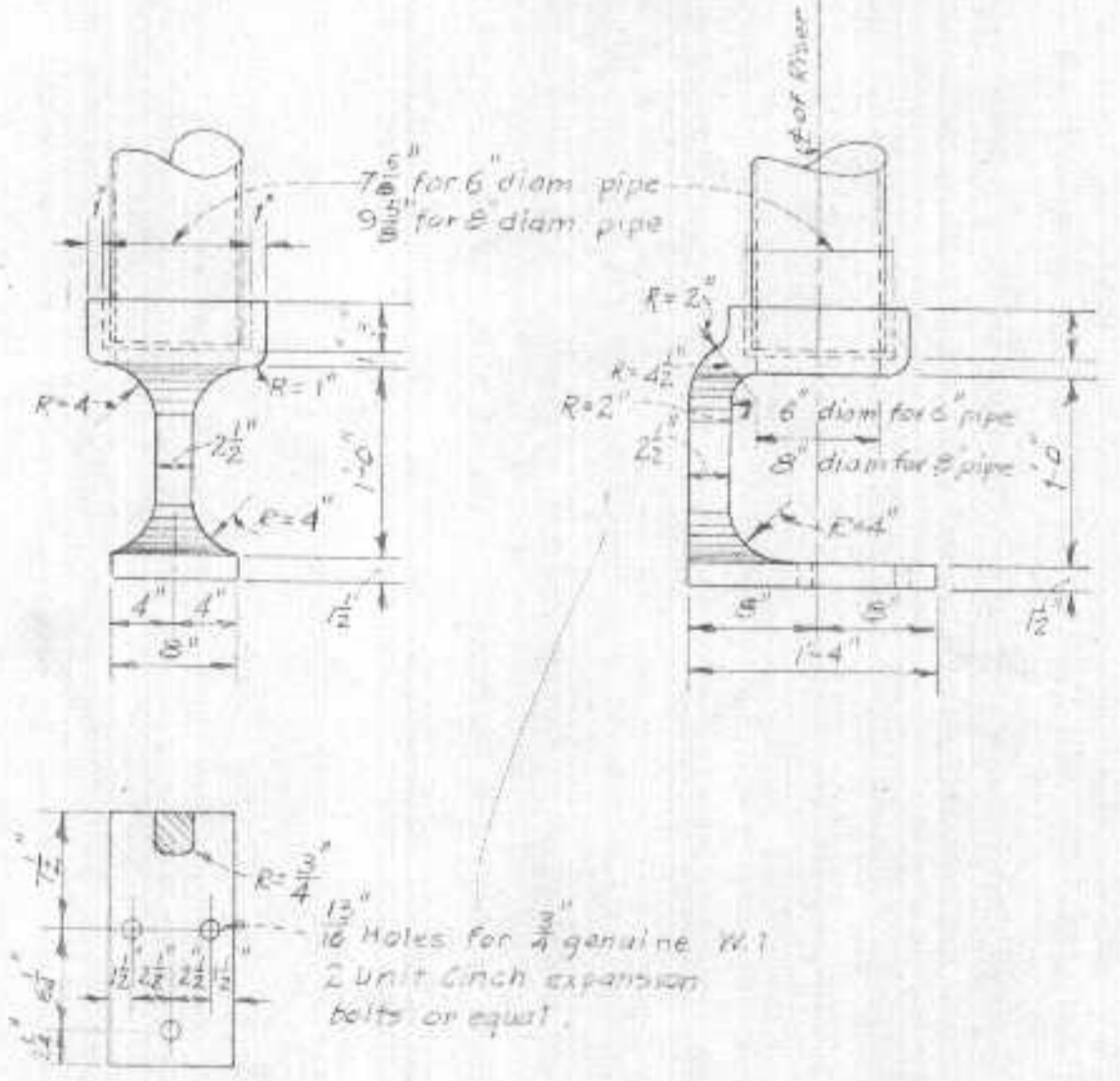
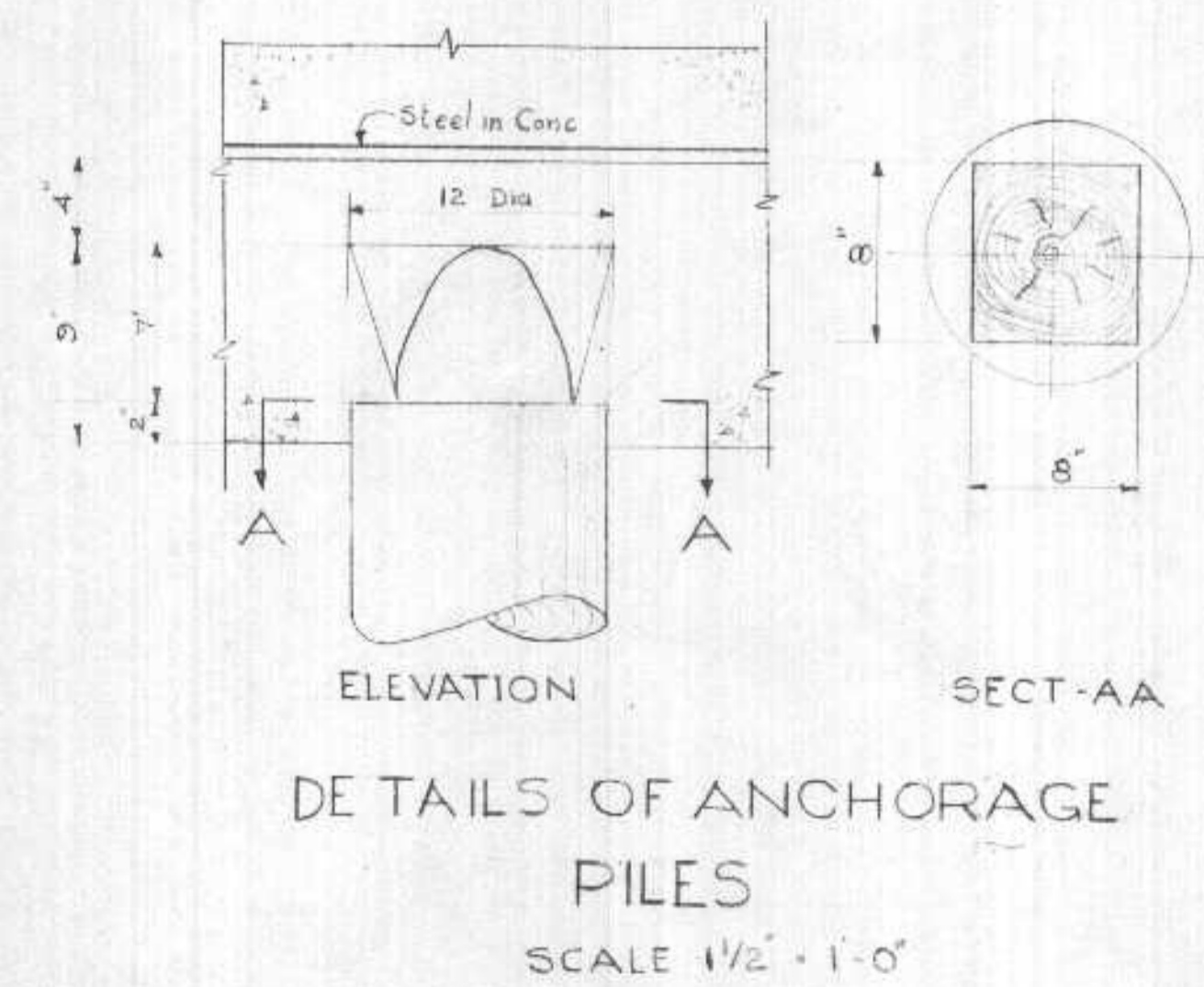
SCALE: 1/4" = 1'-0"
 METCALF & EDDY ENGINEERS BOSTON, MASS.
 MITCHELL & ESTABROOK ENGINEERS MINNEAPOLIS, MINN.



**SEDIMENTATION TANK
FOUNDATION PILING**
SCALE 1" = 5'-0"

Note: Other two tanks are symmetrical for piling except effluent & scum walls

All piles are wooden 12" ϕ - anchorage type with con. level 5" below top of OT piles



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

These Plans and Specifications submitted in connection with an Application for a Permit to construct of Sewerage works under the jurisdiction of the Federal Water Pollution Control Act (Pub. Law 423-6) and the regulations promulgated thereunder have been reviewed.

(Reviewing Engineer) _____ (Date) _____

and are herewith APPROVED

(Regional Engineer) _____ (Date) _____

Region V, Chicago, Illinois

EXAMINED and reported upon by the Section on Environmental Sanitation

O. J. MUEGGE
State Sanitary Engineer

APPROVED by the State Board of Health, as required by Wisconsin Statutes, subject to conditions set forth in the letter of approval

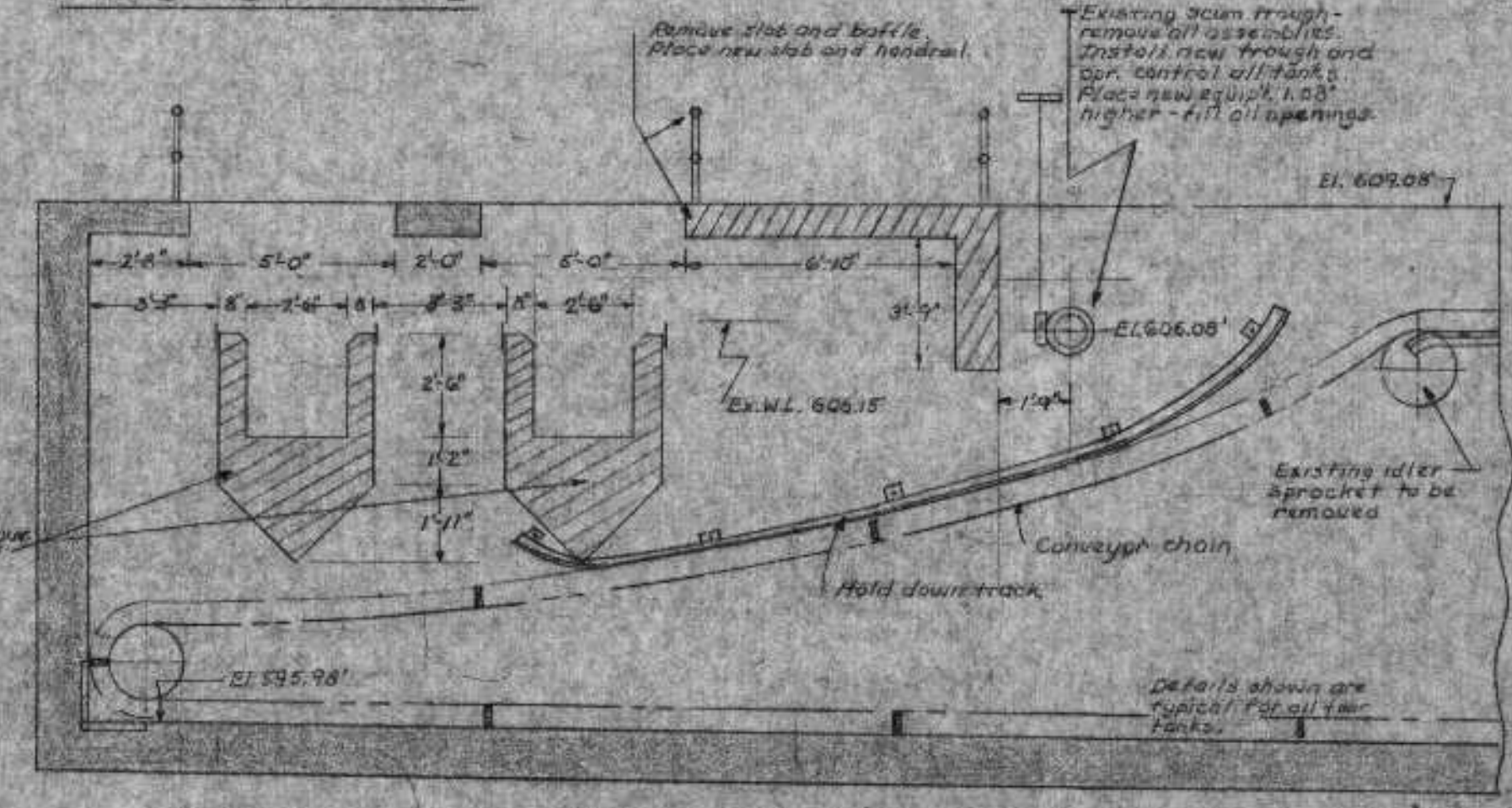
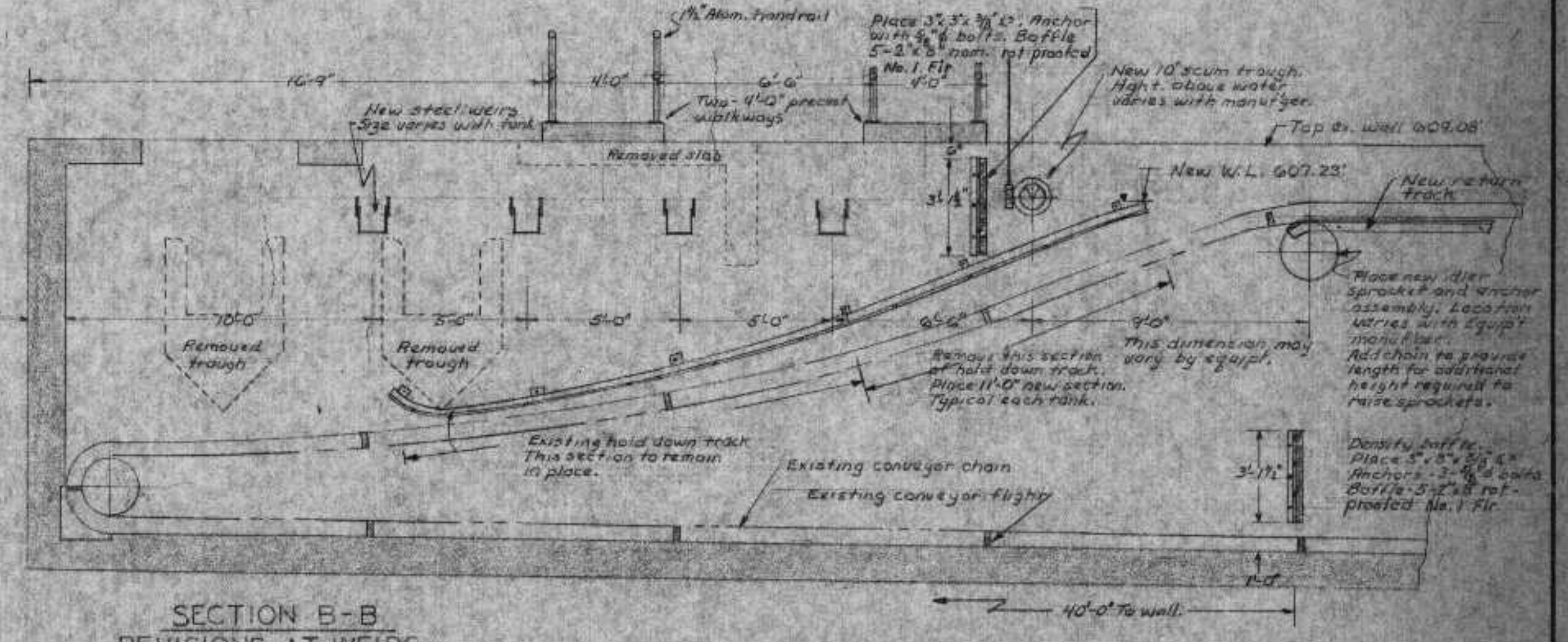
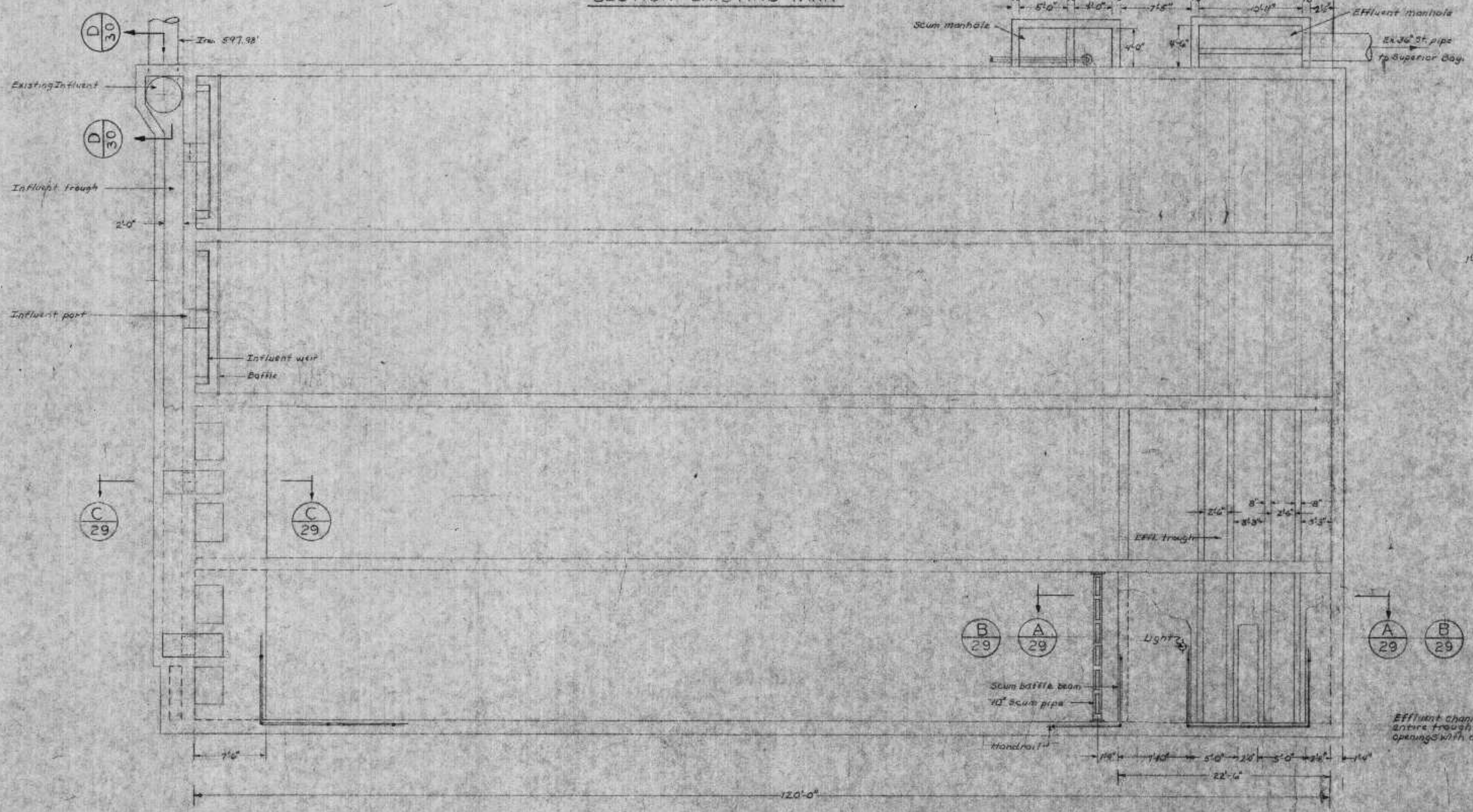
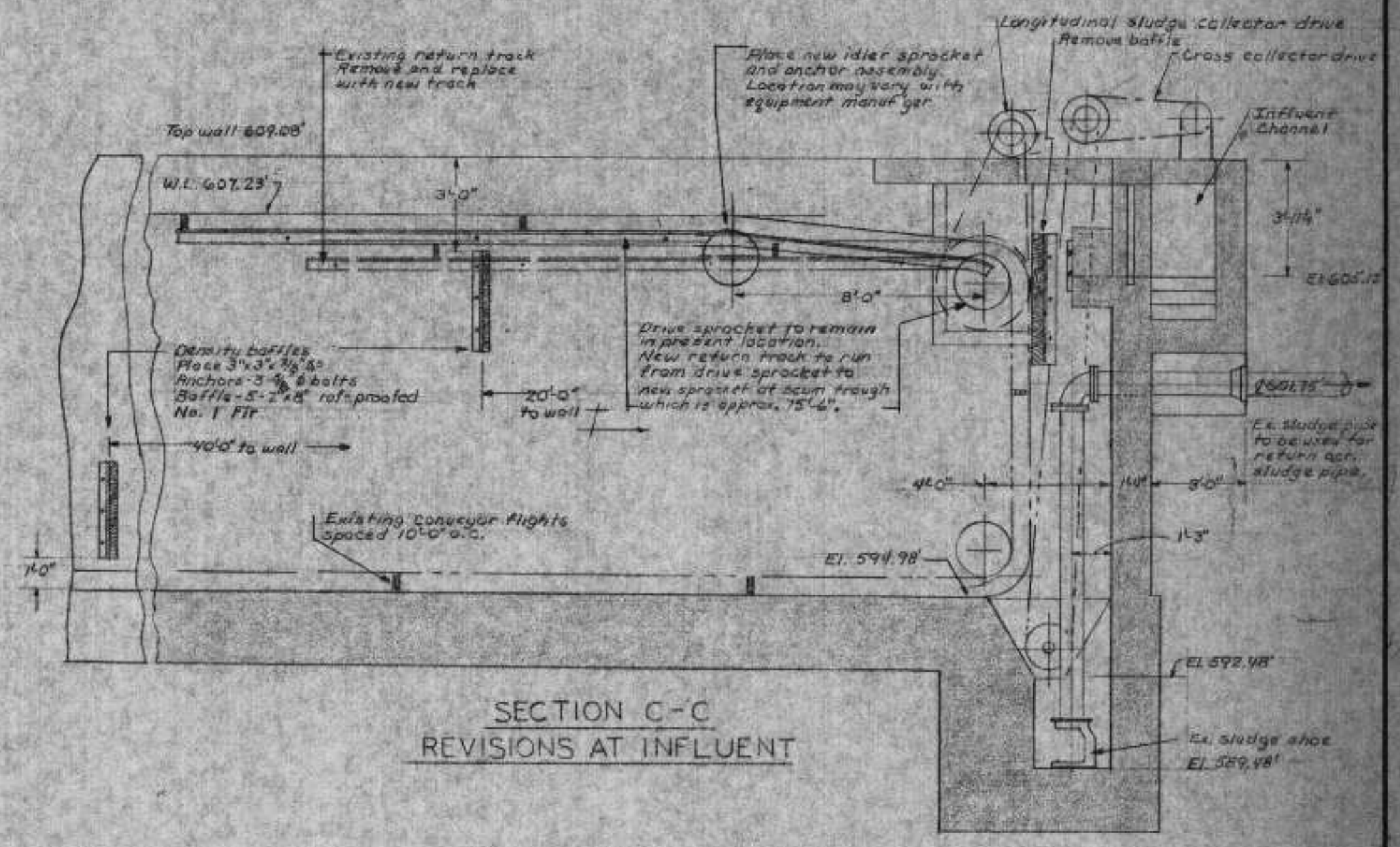
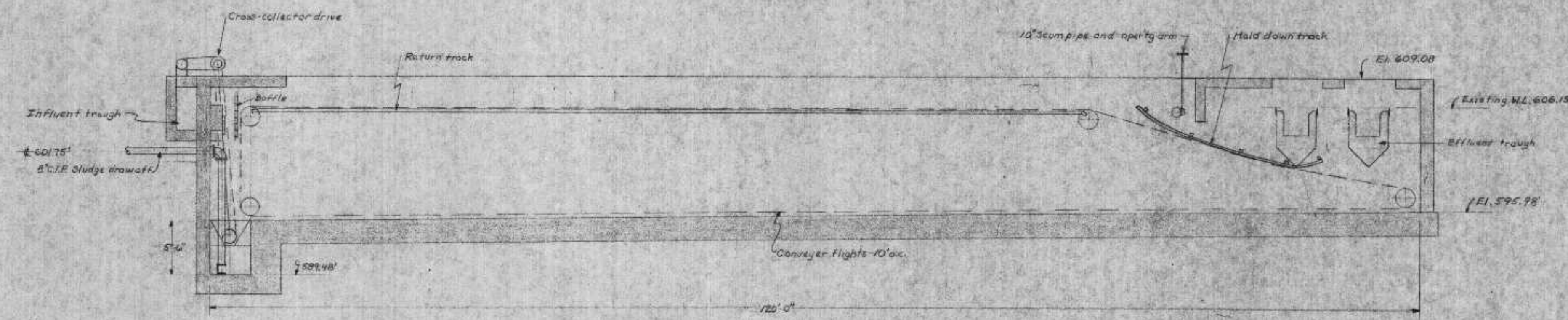
JUL 6 1958

CARL N. NEUPERT, M. D.
State Health Officer

Verification: *[Signature]*

REVISIONS			SEDIMENTATION TANK PILING & FOUNDATIONS SEWAGE TREATMENT PLANT	
DATE	DESCRIPTION	BY	SUPERIOR, WIS.	
			HITCHCOCK & ESTABROOK, INC.	
			DR. TR.	JOB NO.
			CHKD. APPD.	200
			DATE: 4/14/58	SHEET NO.
			SCALE: As Shown	20 of 71

Note: In addition to new equipment required by the primary tank conversion to fish tank, the following existing equipment shall be replaced:
 1. Longitudinal & cross collector drive chains & sprockets.
 2. Cross collector dual drive bearings.
 3. Longitudinal collector flight chains, drive & idler sprockets, flights & wedging shoes.



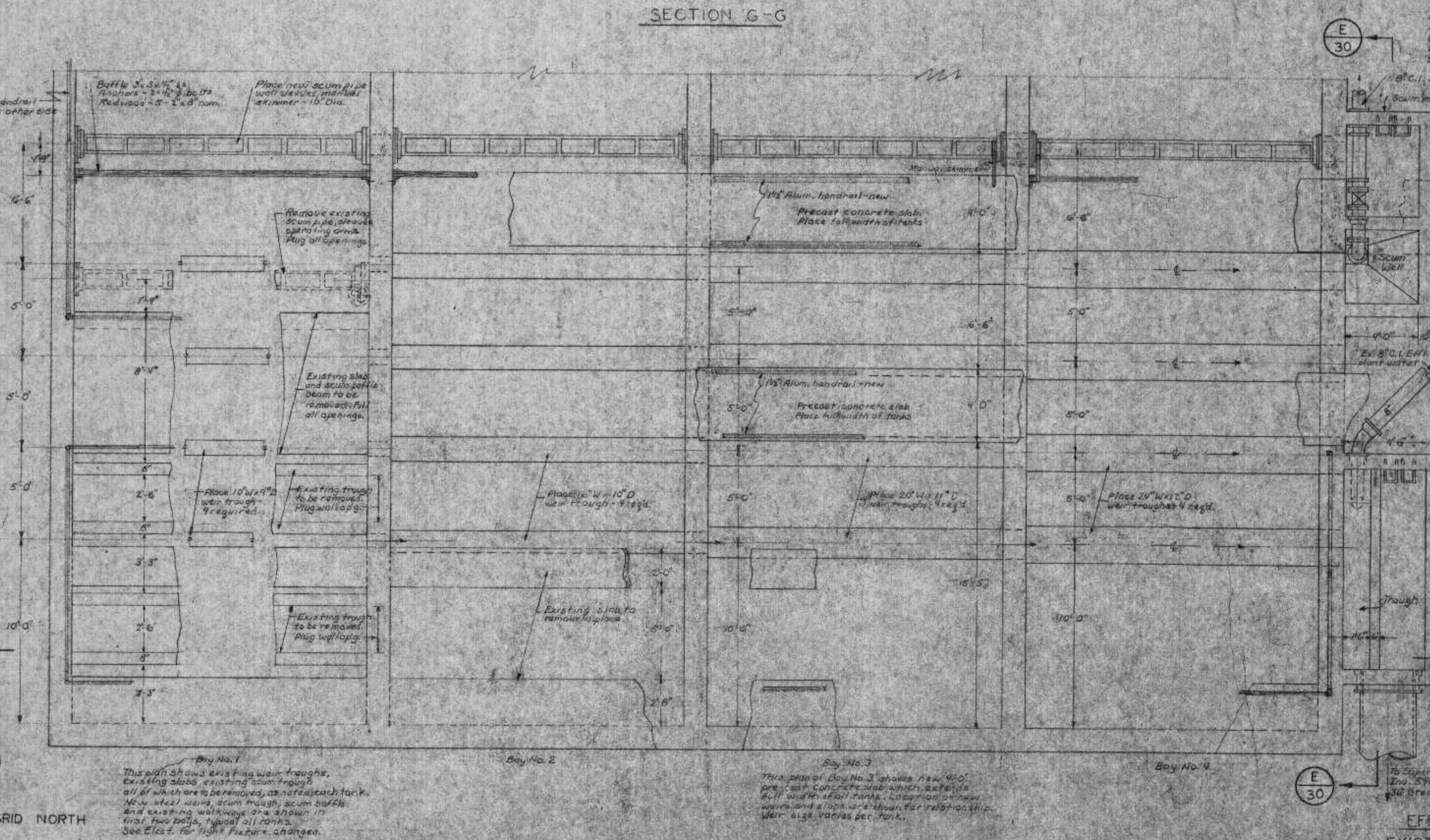
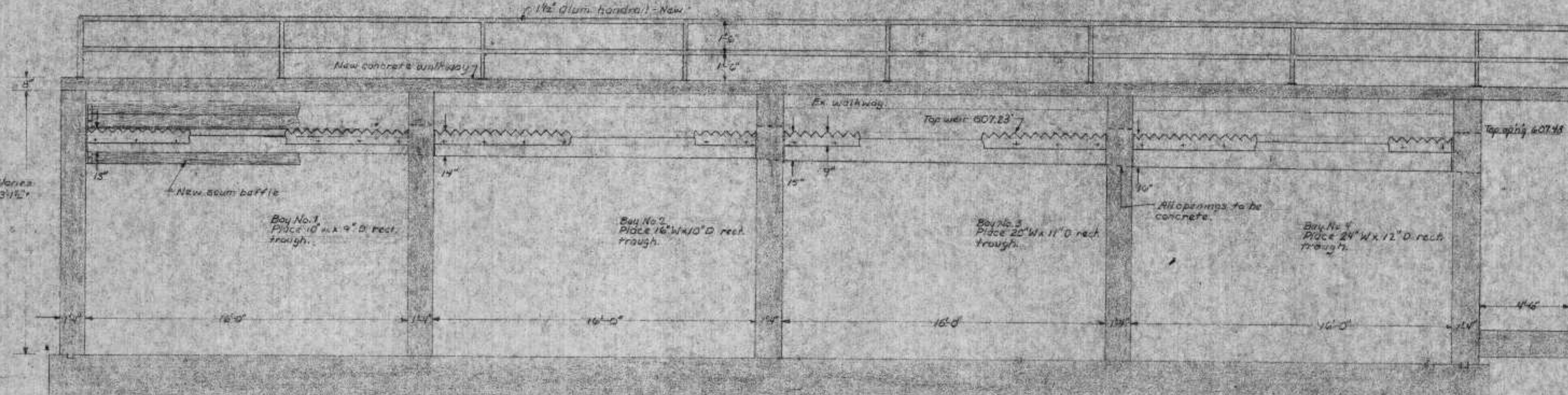
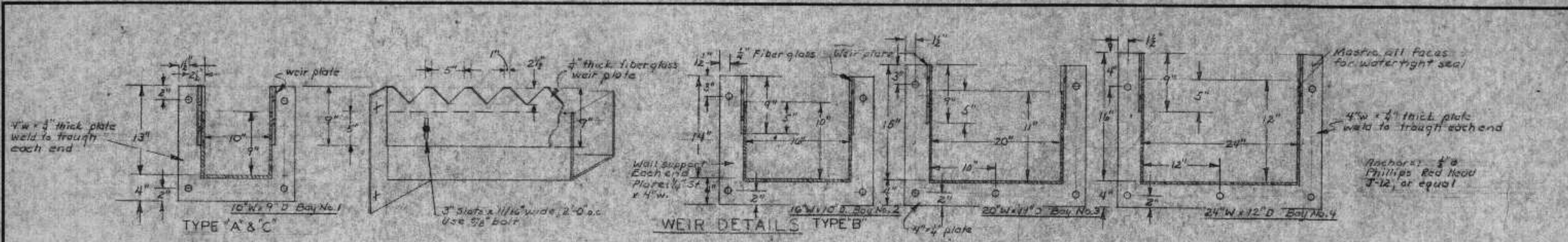
REVIEWED AND APPROVED BY THE
 DIR. OF ENVIRONMENTAL PROTECTION,
 DEPT. NATURAL RESOURCES,
 IN ACCORDANCE WITH SEC. 144.04,
 WIS. STATS., SUBJECT TO THE CONDITIONS
 SET FORTH IN THE LETTER OF APPROVAL.
 THOMAS G. FRANGOS
 ADMINISTRATOR

APPROVAL NO.
 72 355
 DATE: FEB 4, '74

DNR JAN. 8 1974

PLAN EXISTING TANK
 1/8" = 1'-0"

SECTION A-A
 TROUGH-SLAB REMOVAL
 1/4" = 1'-0"



GRID NORTH

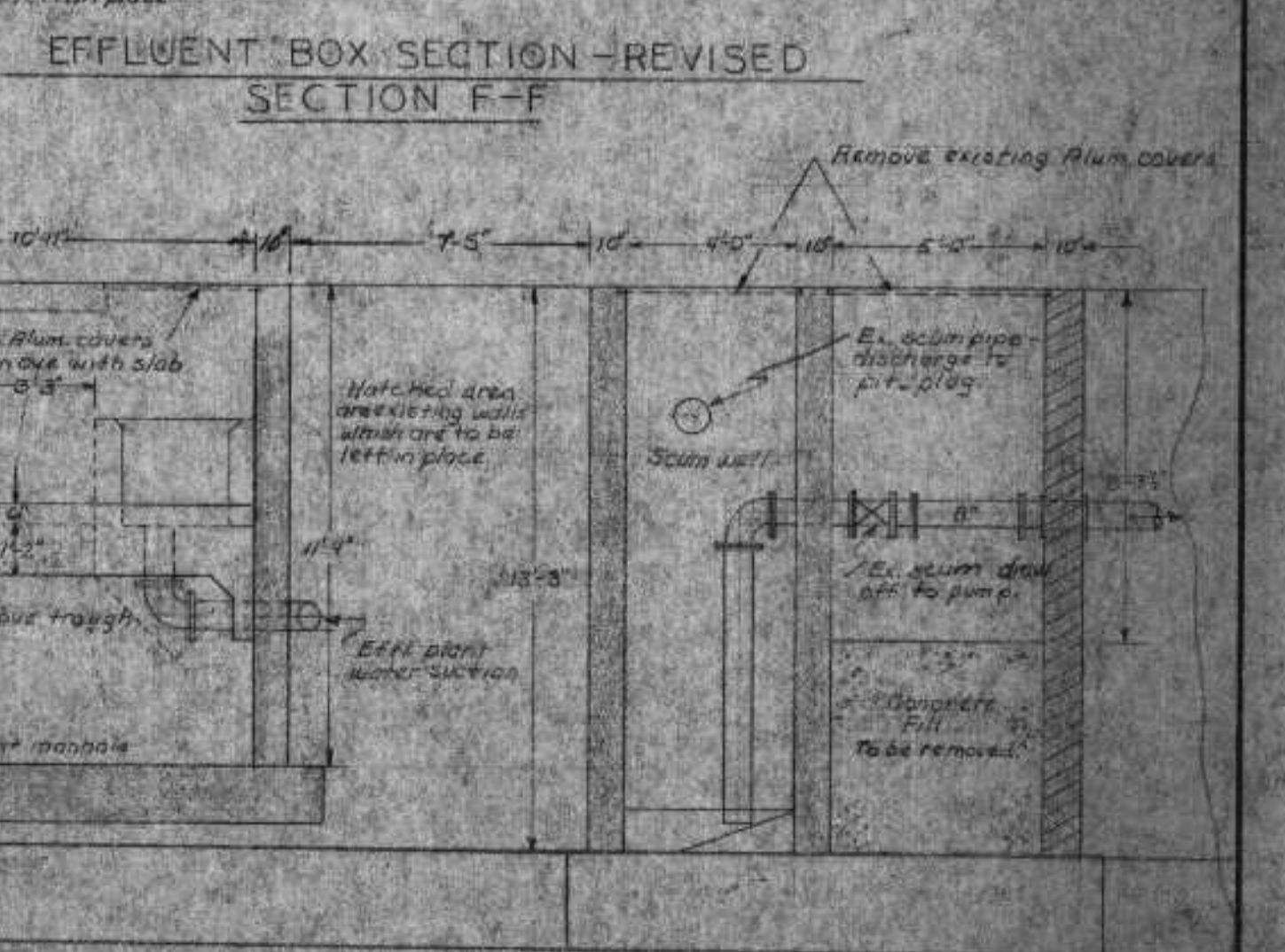
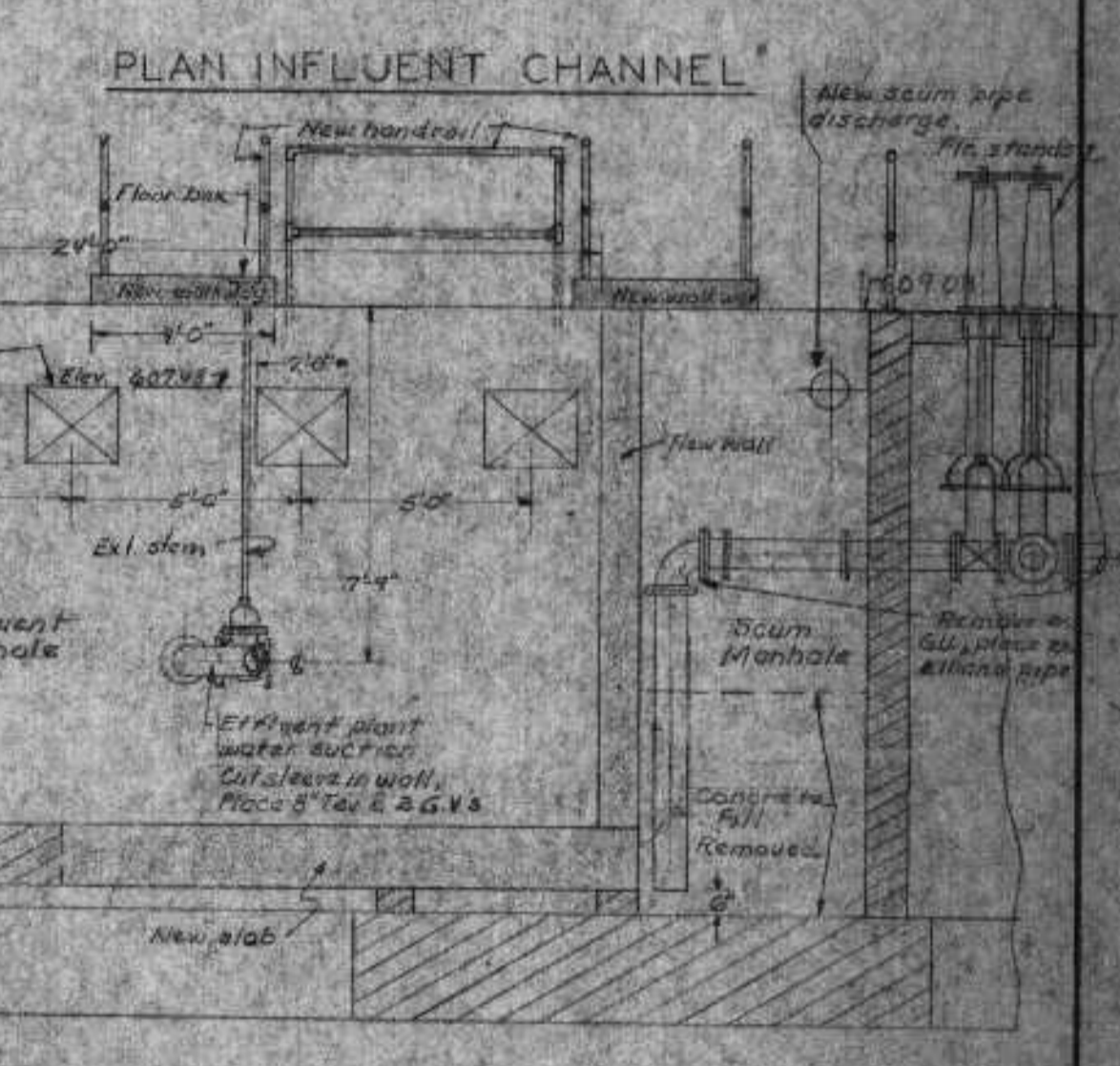
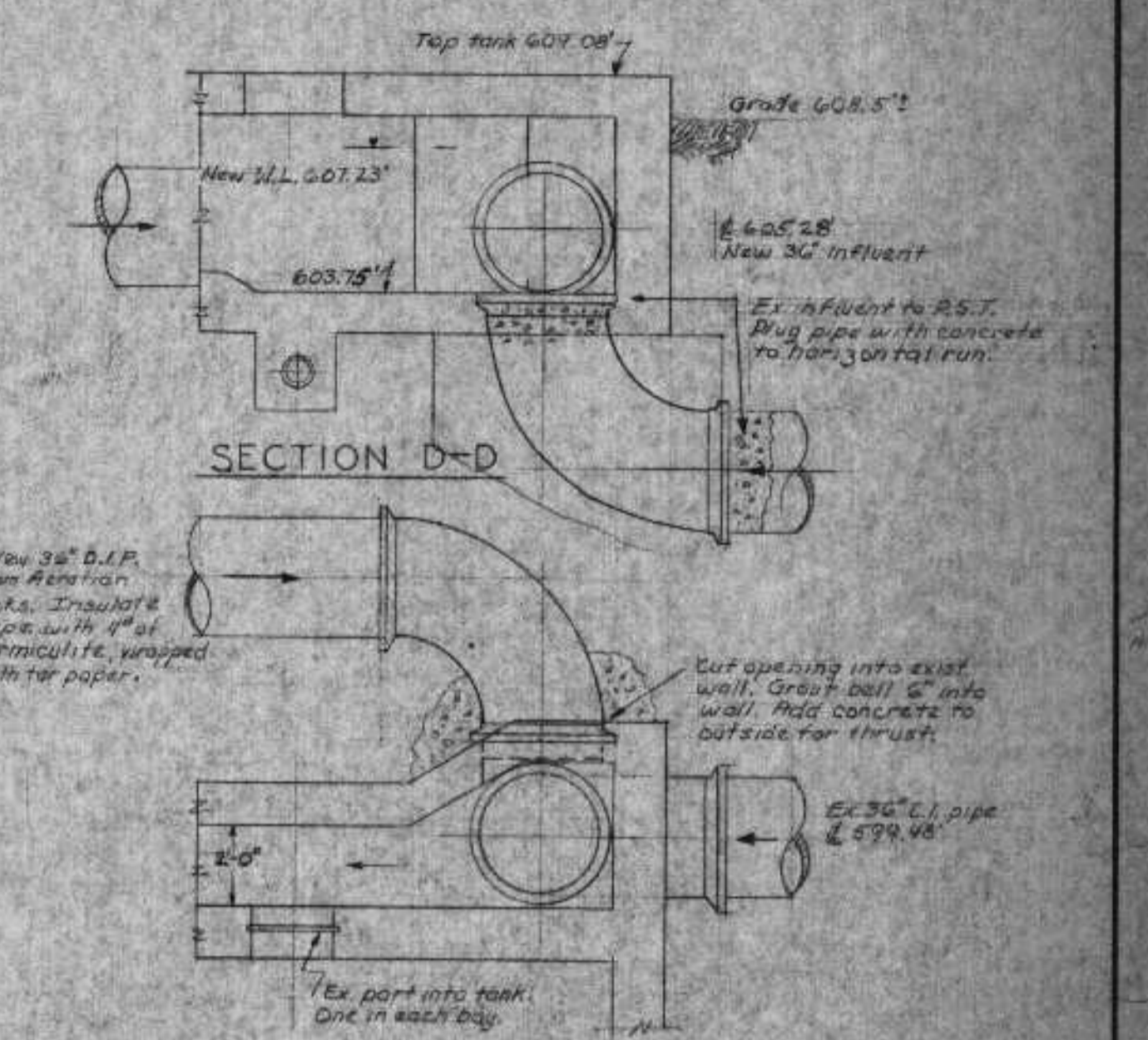
PLAN EFFLUENT TROUGH

REVIEWED AND APPROVED BY THE DIV. OF ENVIRONMENTAL PROTECTION, DEPT. NATURAL RESOURCES, IN ACCORDANCE WITH SEC. 144.04, WIS. STATS. SUBJECT TO THE CONDITIONS SET FORTH IN THE LETTER OF APPROVAL.

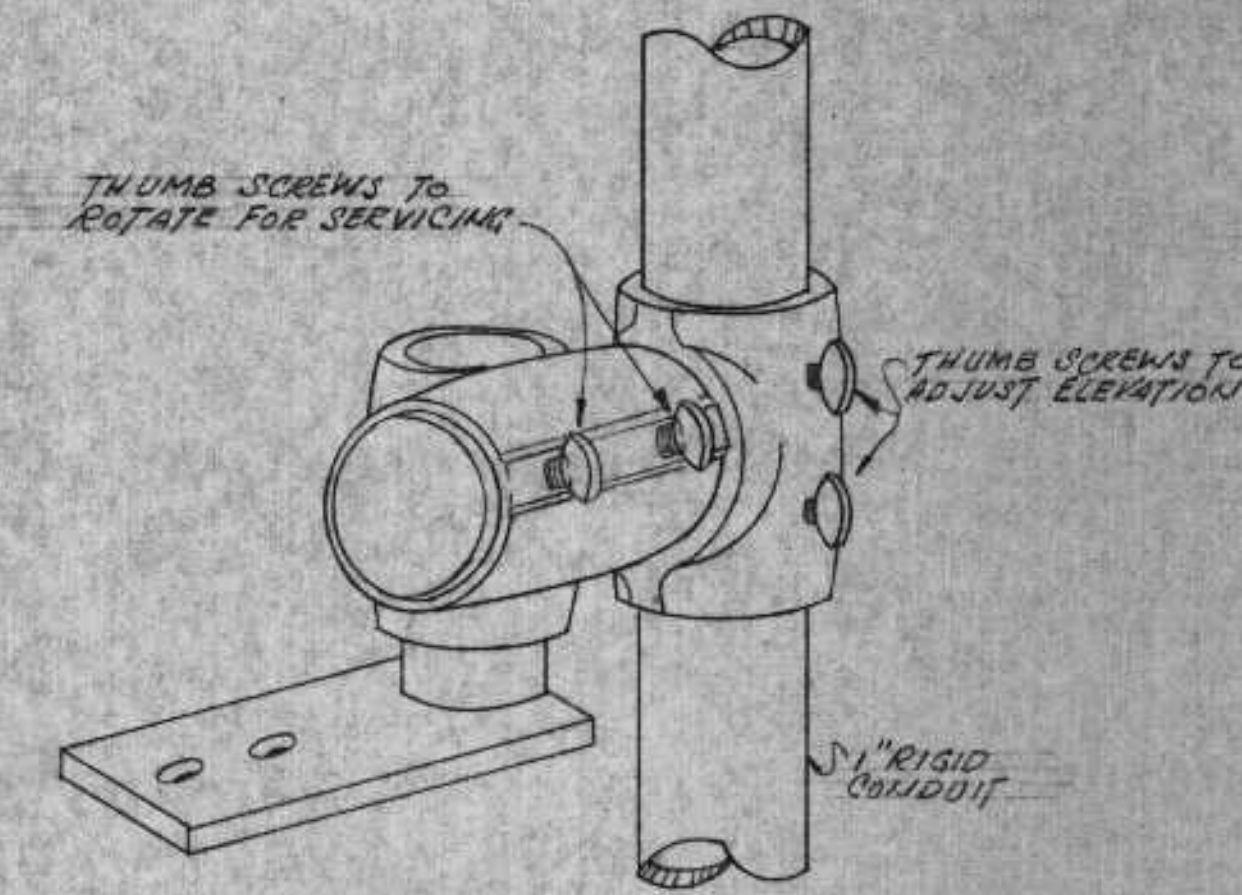
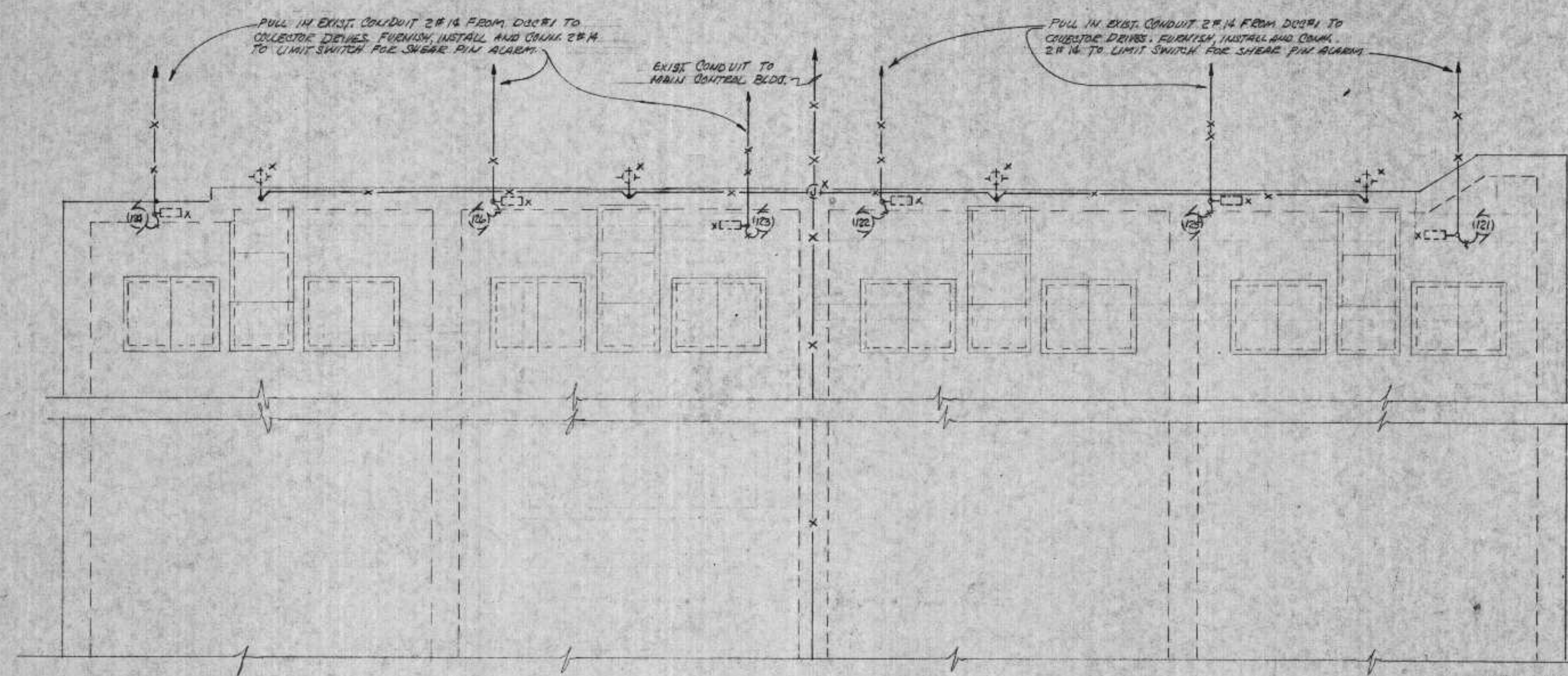
THOMAS G. FRANGOS
ADMINISTRATOR

APPROVAL NO.
72 355

DATE: FEB 4 '74

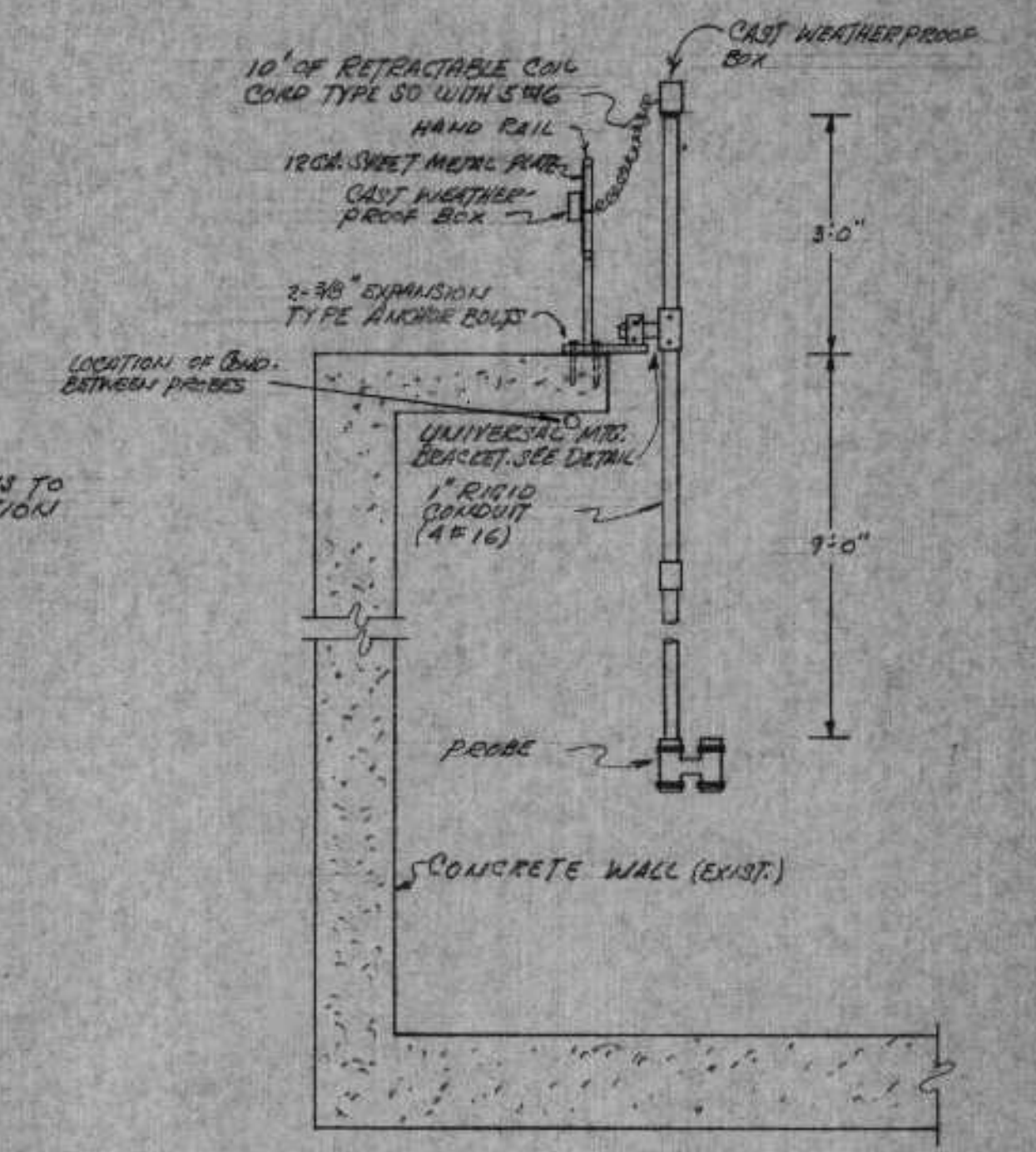


EFFLUENT BOX SECTION - EXISTING SECTION E-E

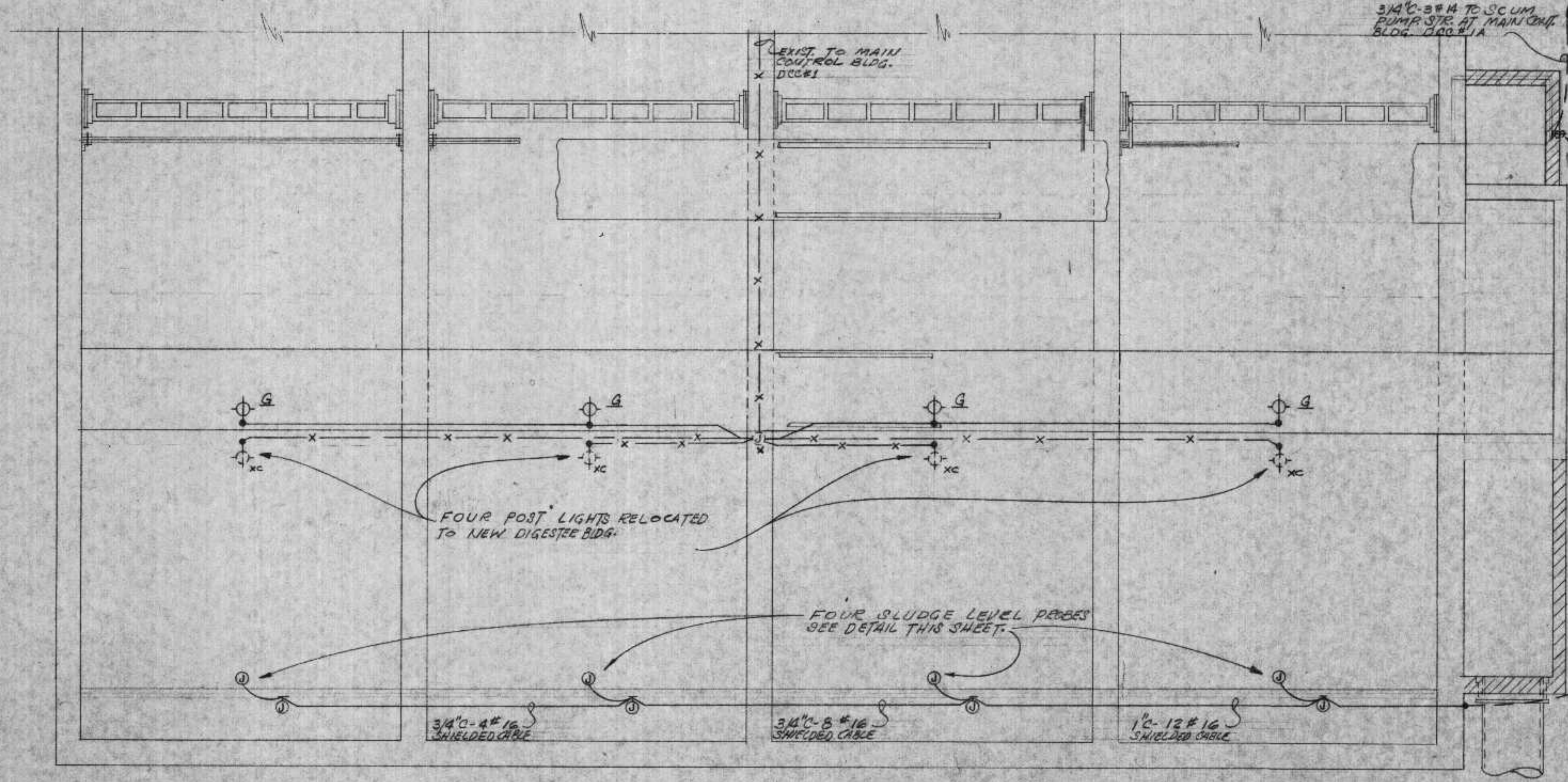


NOTE: ALL THREAD CONDUIT SHALL BE WATER-TIGHT. USE TEFLON TAPE.

UNIVERSAL MOUNTING BRACKET
NOT TO SCALE

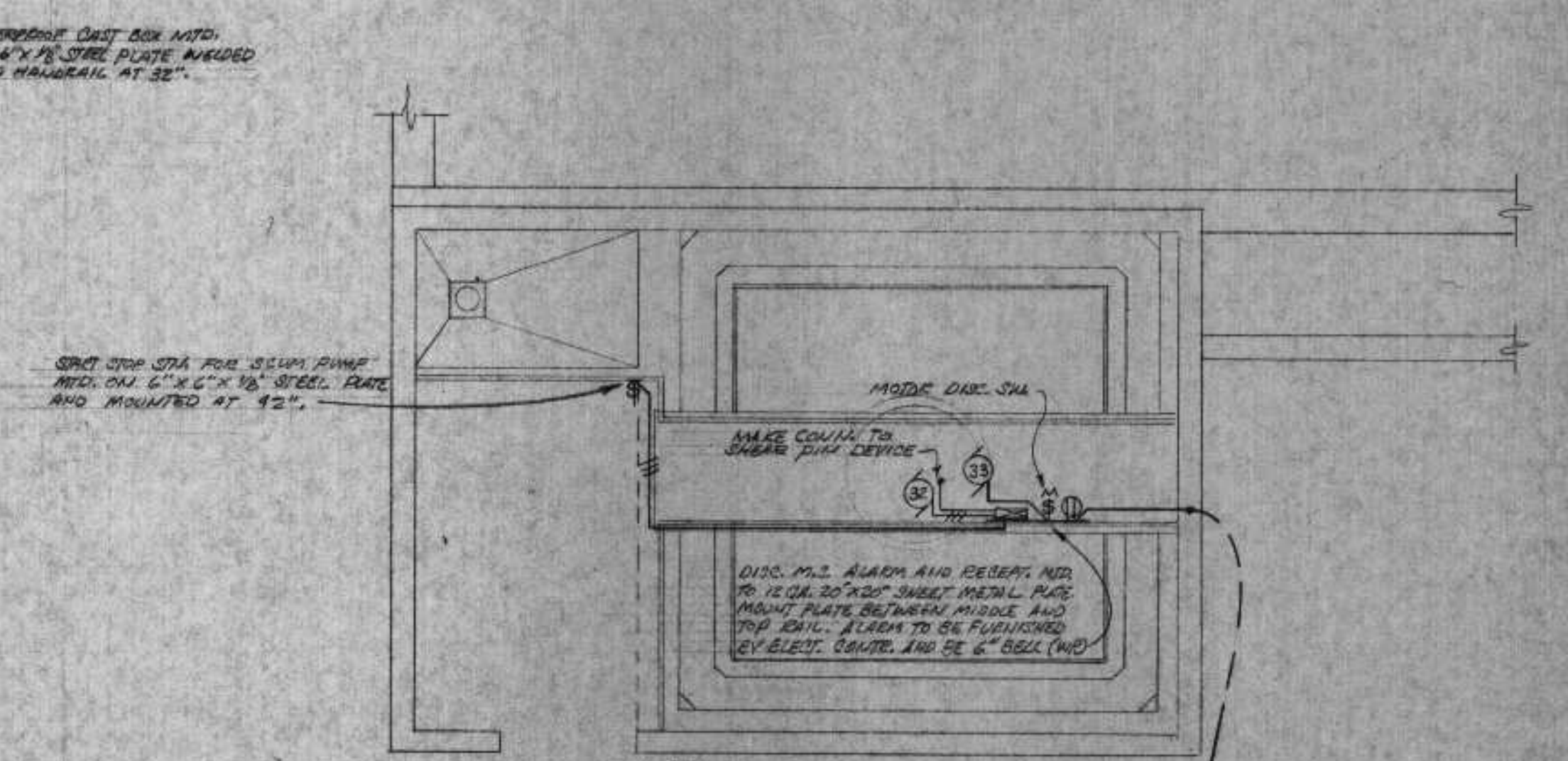


SLUDGE PROBE MOUNTING DETAIL
SCALE: 1/2" = 1'-0"



BAY NO. 1 BAY NO. 2 BAY NO. 3 BAY NO. 4

FINAL TANK-EFFLUENT TROUGH PLAN SCALE: 1/4" = 1'-0"



SLUDGE THICKENER PLAN SCALE: 1/4" = 1'-0"

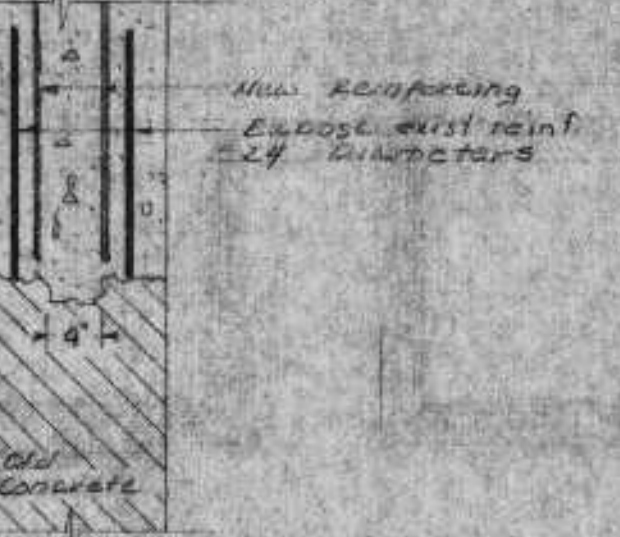
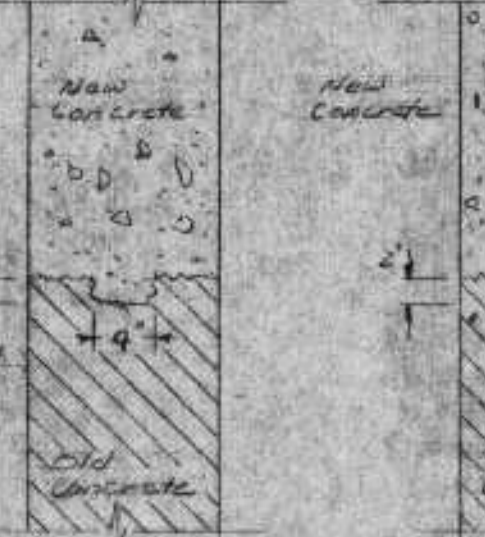
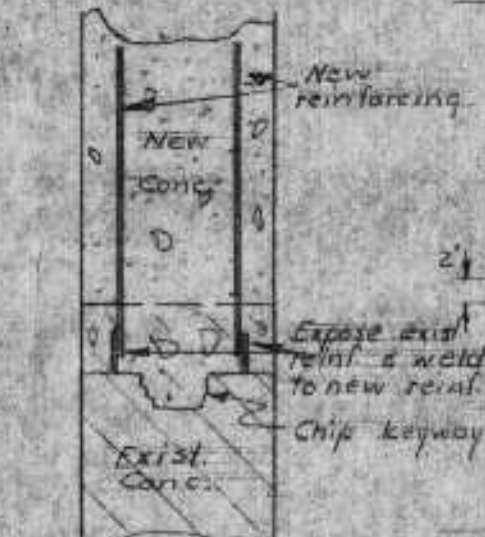
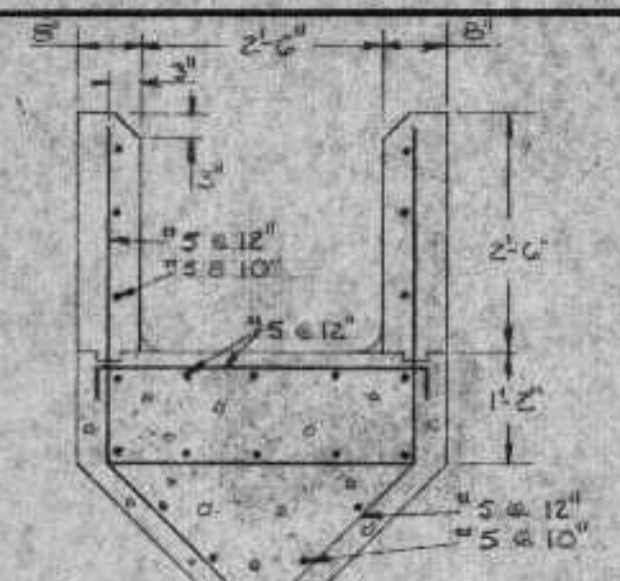
REVIEWED AND APPROVED BY THE
DIR. OF ENVIRONMENTAL PROTECTION,
DEPT. NATURAL RESOURCES,
1000 WISCONSIN ST., MADISON, WIS. 53701,
SUBJECT TO THE CONDITIONS SET FORTH IN THE LETTER
OF APPROVAL.

THOMAS G. FRANGOS
ADMINISTRATOR

APPROVAL NO.
72 355

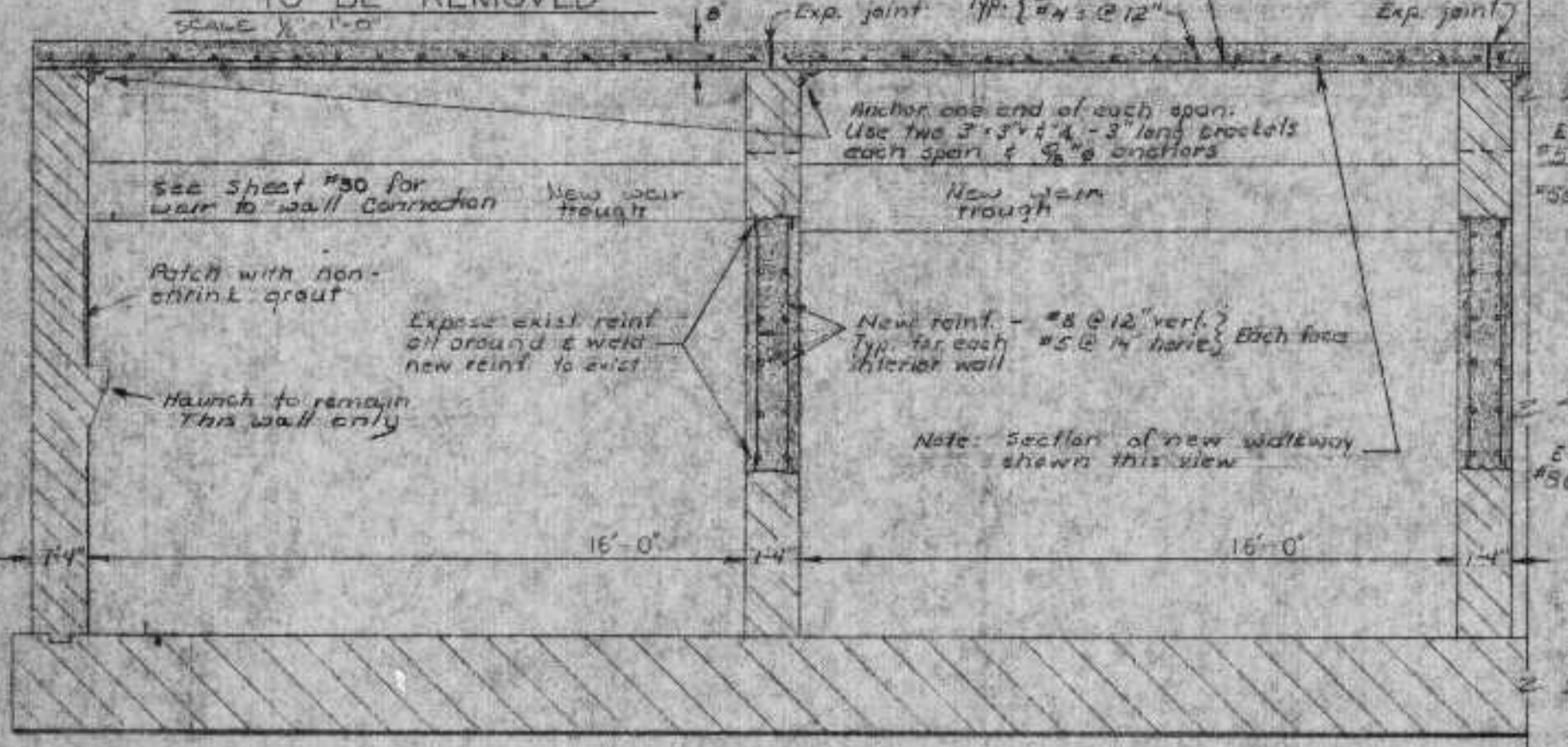
DATE: FEB 4, '74

DNR JAN 3 1974

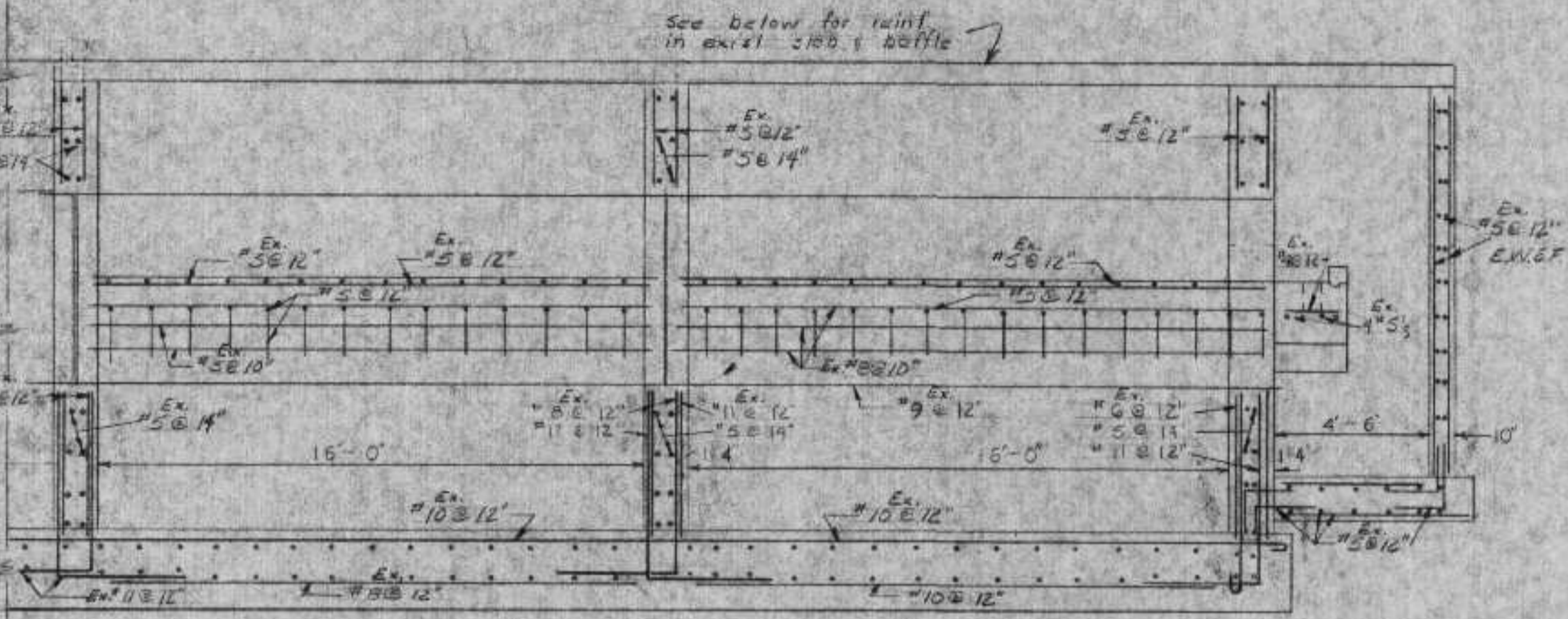


DETAIL-EXISTING WEIR TO BE REMOVED

JOINT DETAILS



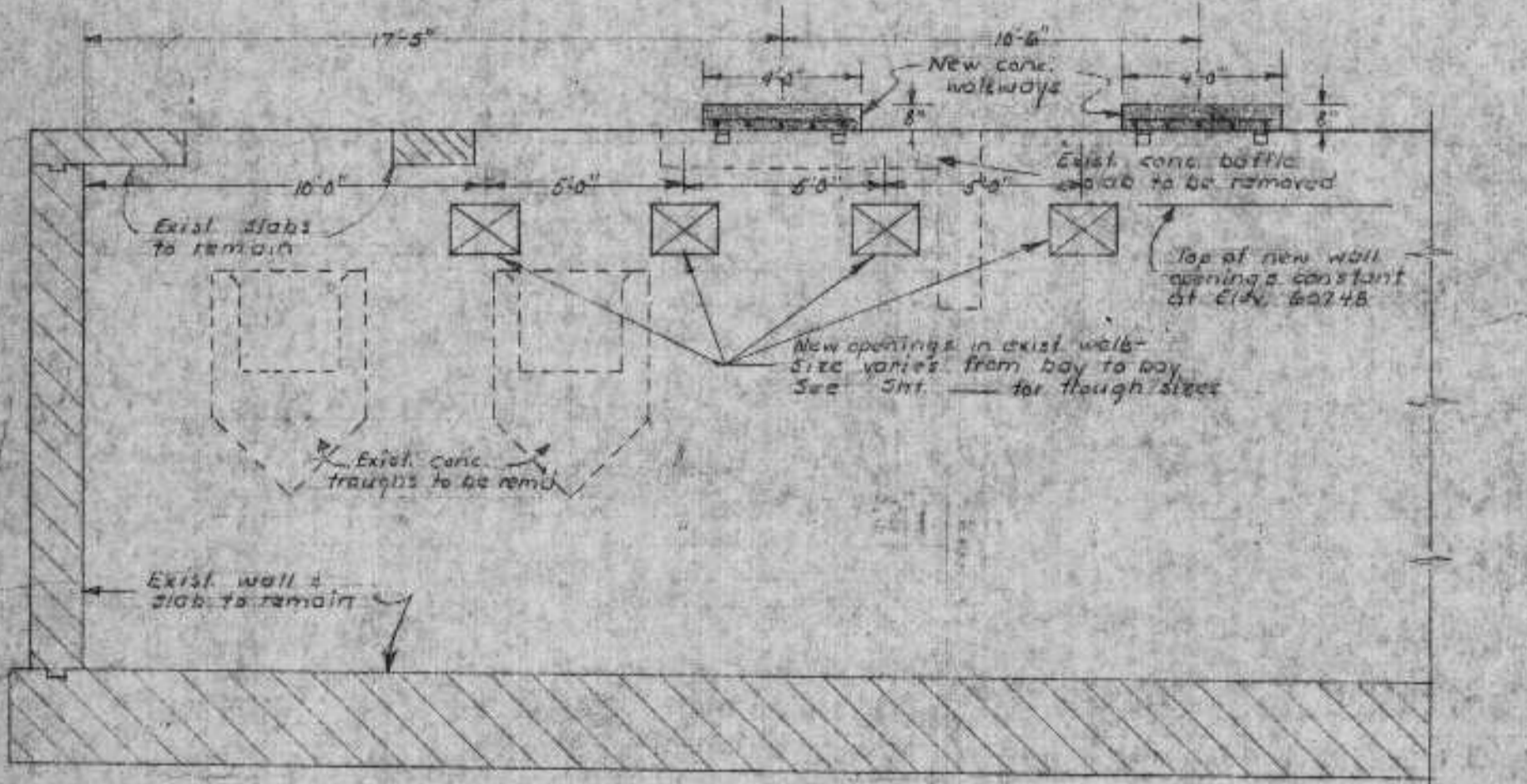
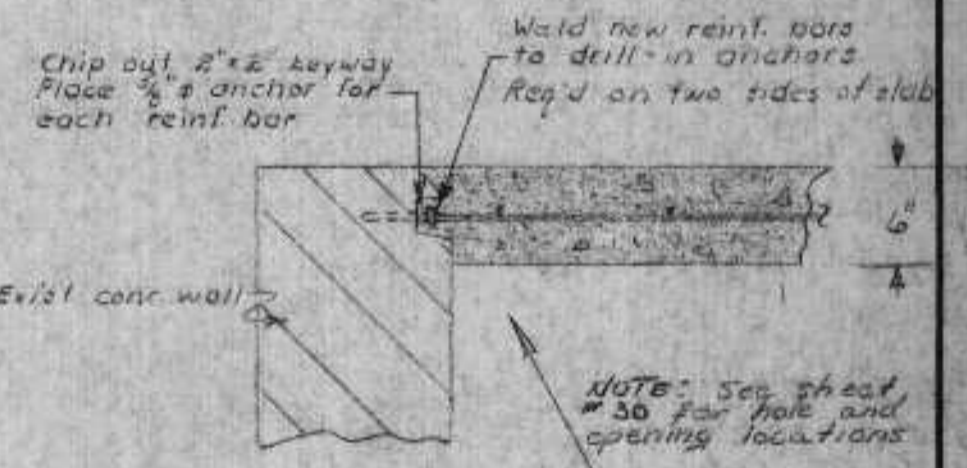
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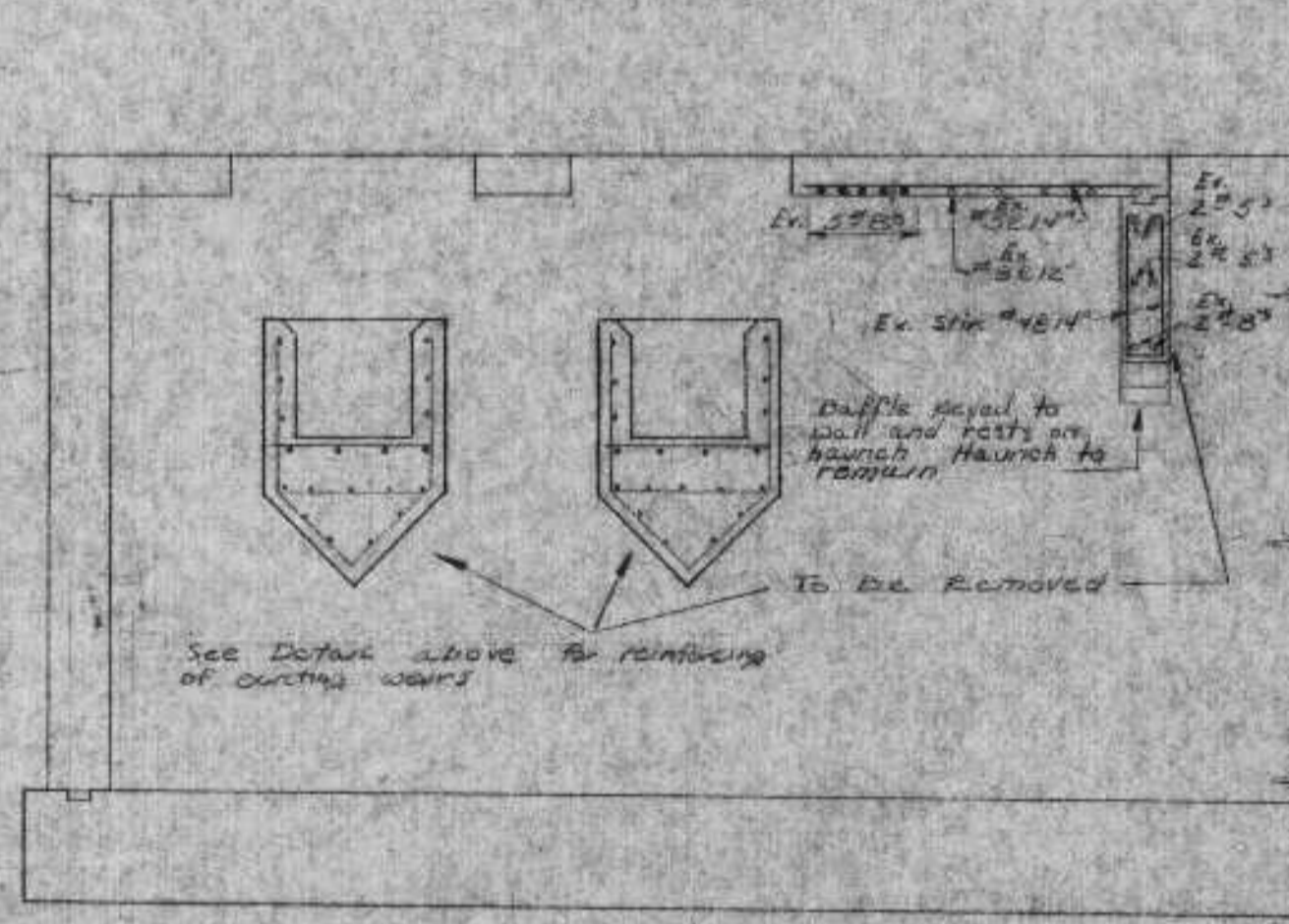
SECTION GG EXISTING

REVIEWED AND APPROVED BY THE
 DIV. OF ENVIRONMENTAL PROTECTION
 DEPT. NATURAL RESOURCES,
 IN ACCORDANCE WITH SEC. 144.01,
 WIS. STATS. SUBJECT TO THE CON-
 DITIONS SET FORTH IN THE LETTER
 OF APPROVAL.
 THOMAS G. FRANGOS
 ADMINISTRATOR

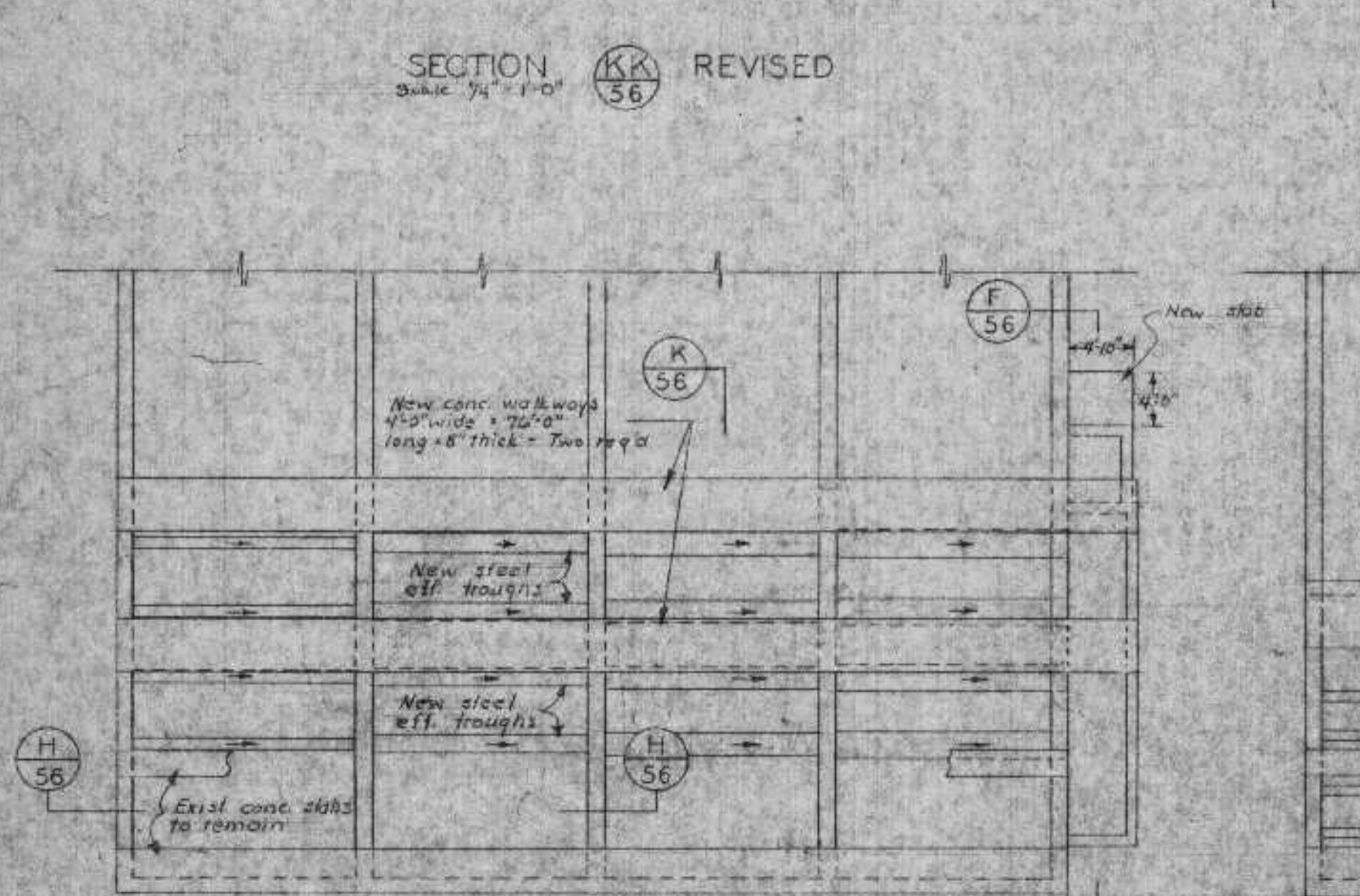
APPROVAL NO. 72 355
 DATE: FEB 4 '74



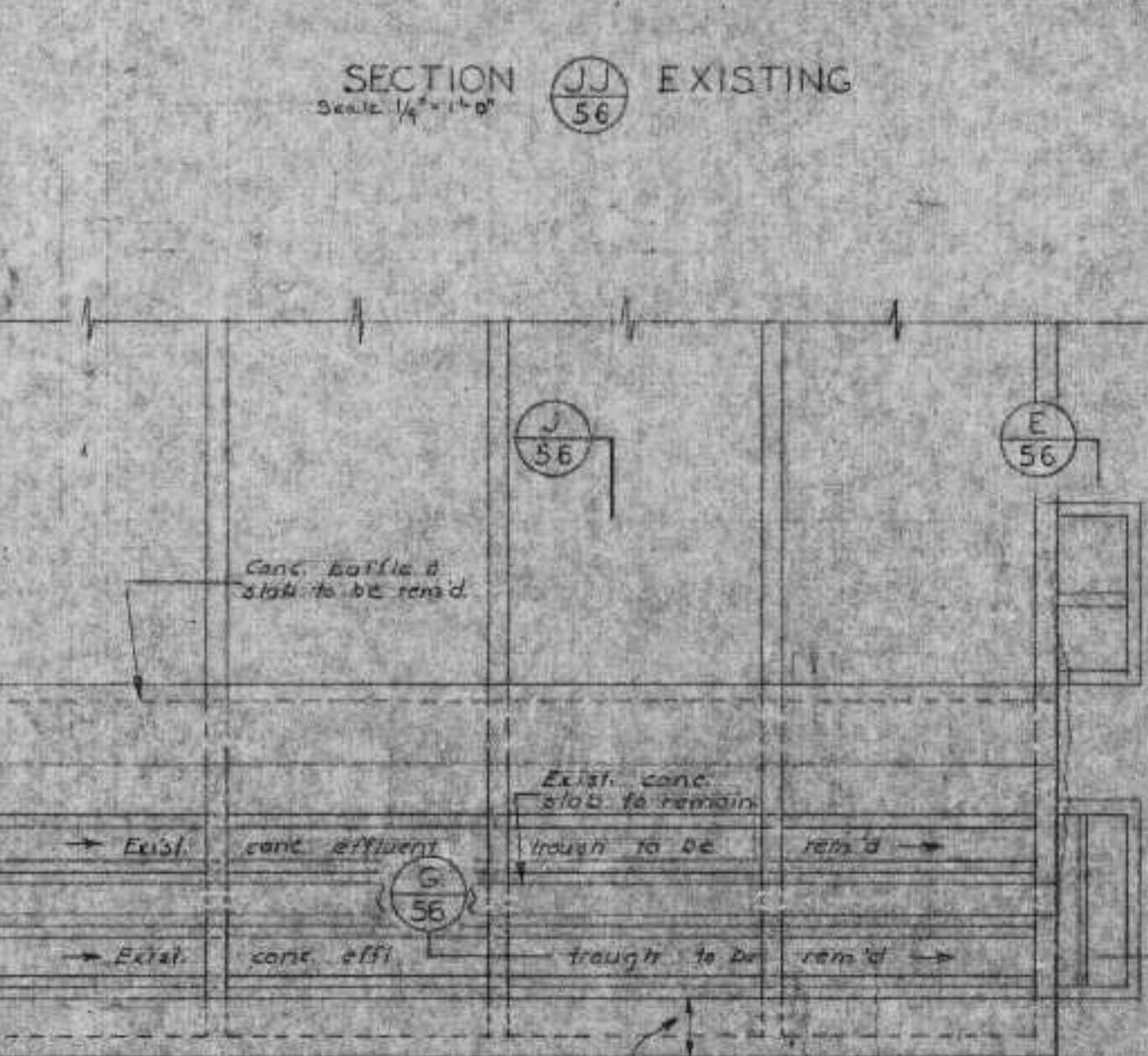
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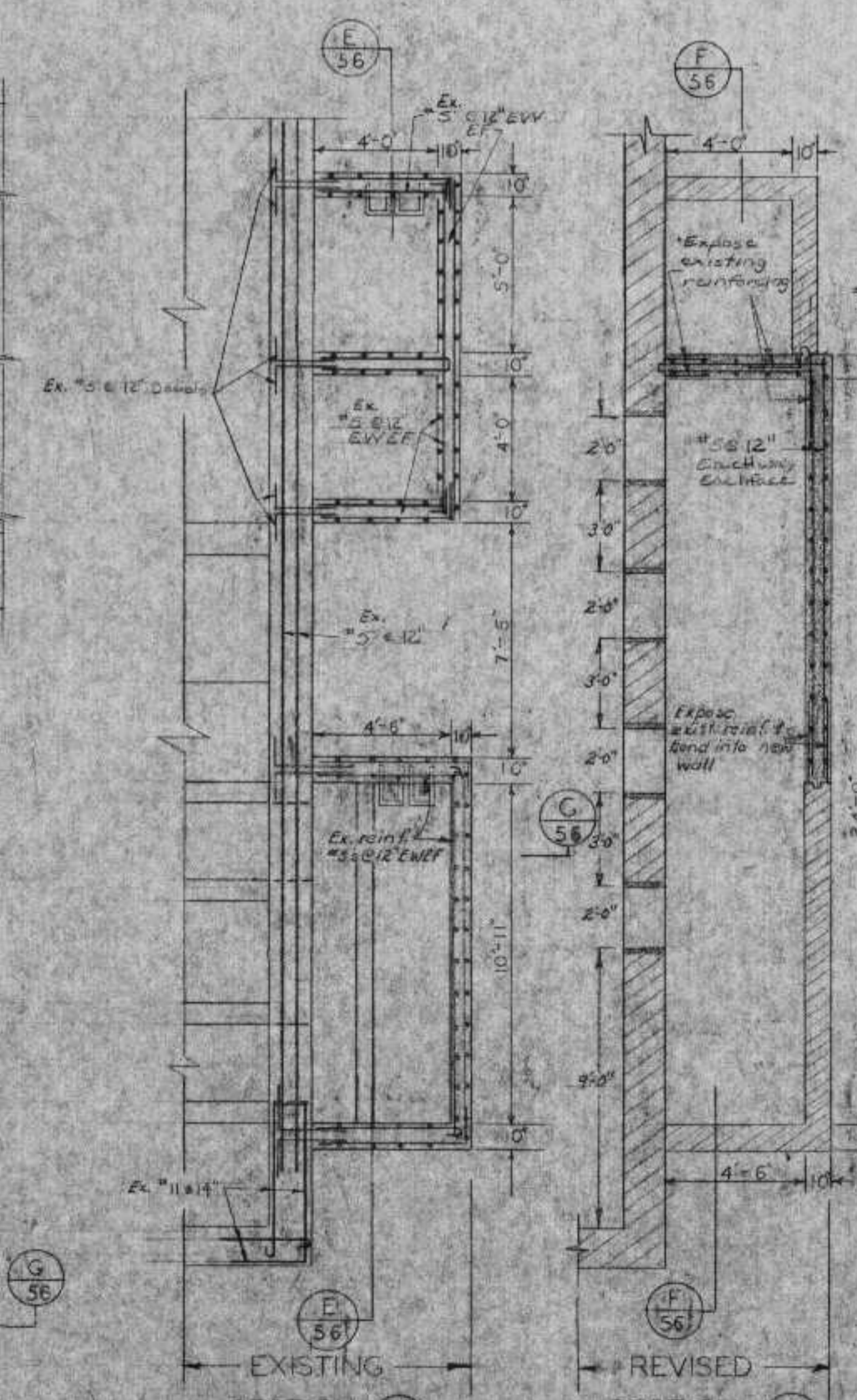
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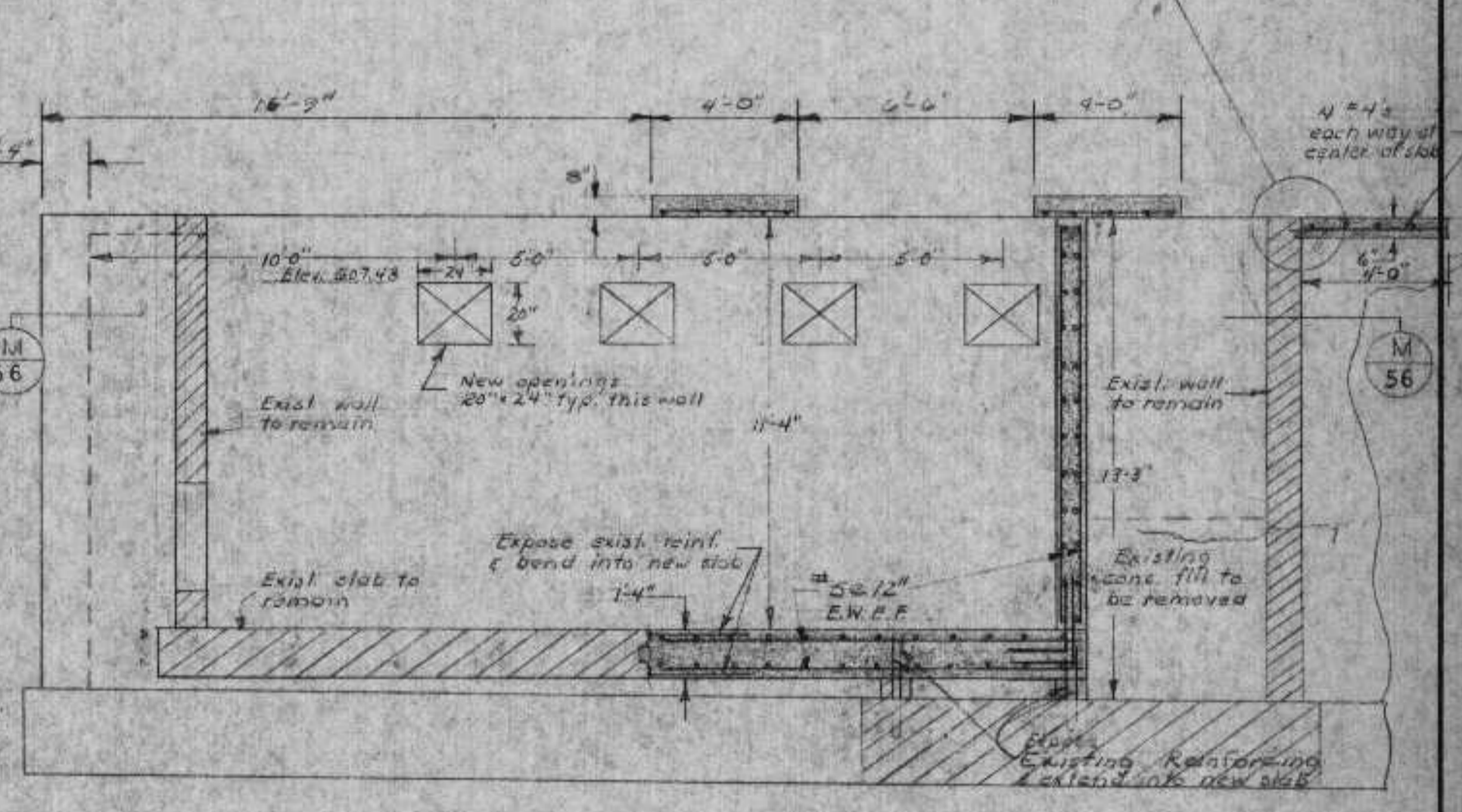
EFFLUENT TROUGH PLAN REVISED



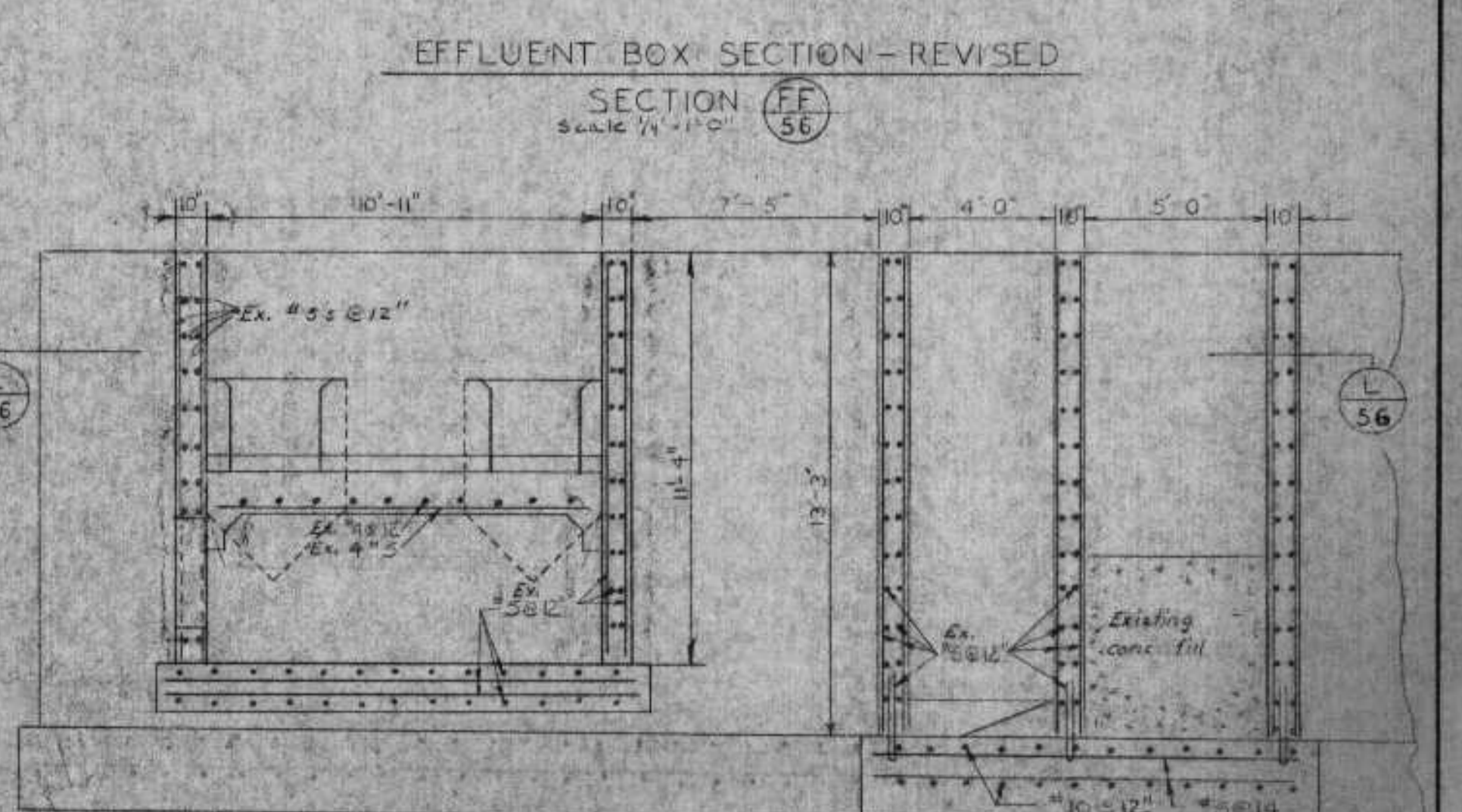
EFFLUENT TROUGH PLAN EXISTING



SECTION LL EXISTING SECTION MM REVISED



EFFLUENT BOX SECTION - REVISED



EFFLUENT BOX SECTION - EXISTING