

- NOTES:
1. Area under pond embankment shall be stripped by removing a minimum of 2" from existing bed. Stripped material shall be placed in confined area.
 2. Material dredged from Areas "A" down to elev. 575.0 shall be placed in confined area. Material dredged from Areas "A" below elev. 575.0 can be used for embankment construction, or unconfined disposal.
 3. Material from Borrow Area "B" can be used for embankment construction or unconfined disposal.
 4. Containment dike shown on Sheet 6 shall be constructed with material from Borrow Area "B".

SCALE: 1" = 50'

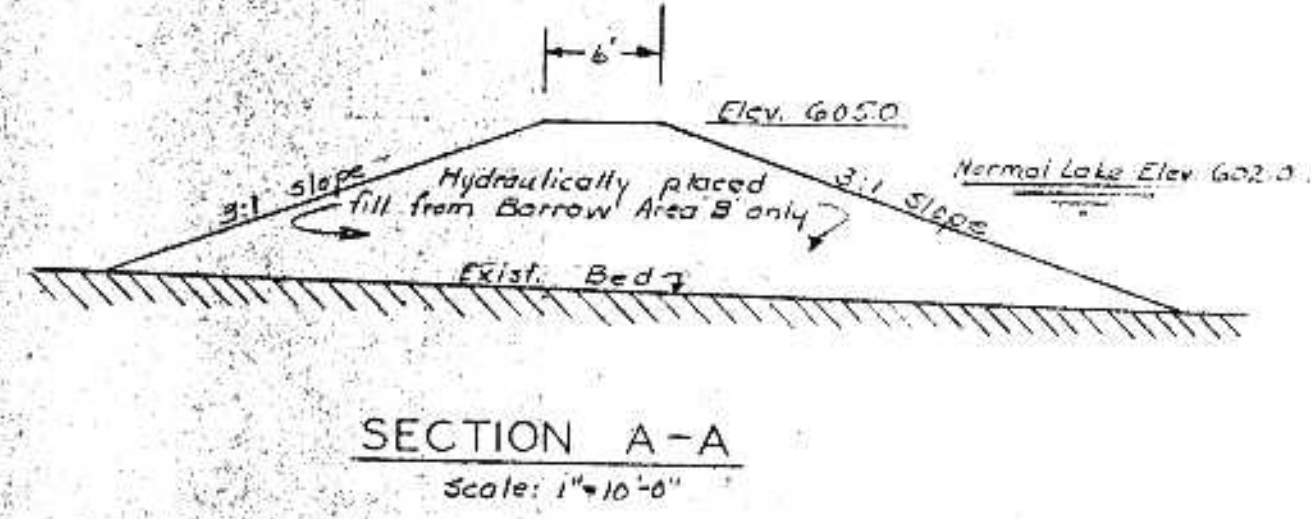
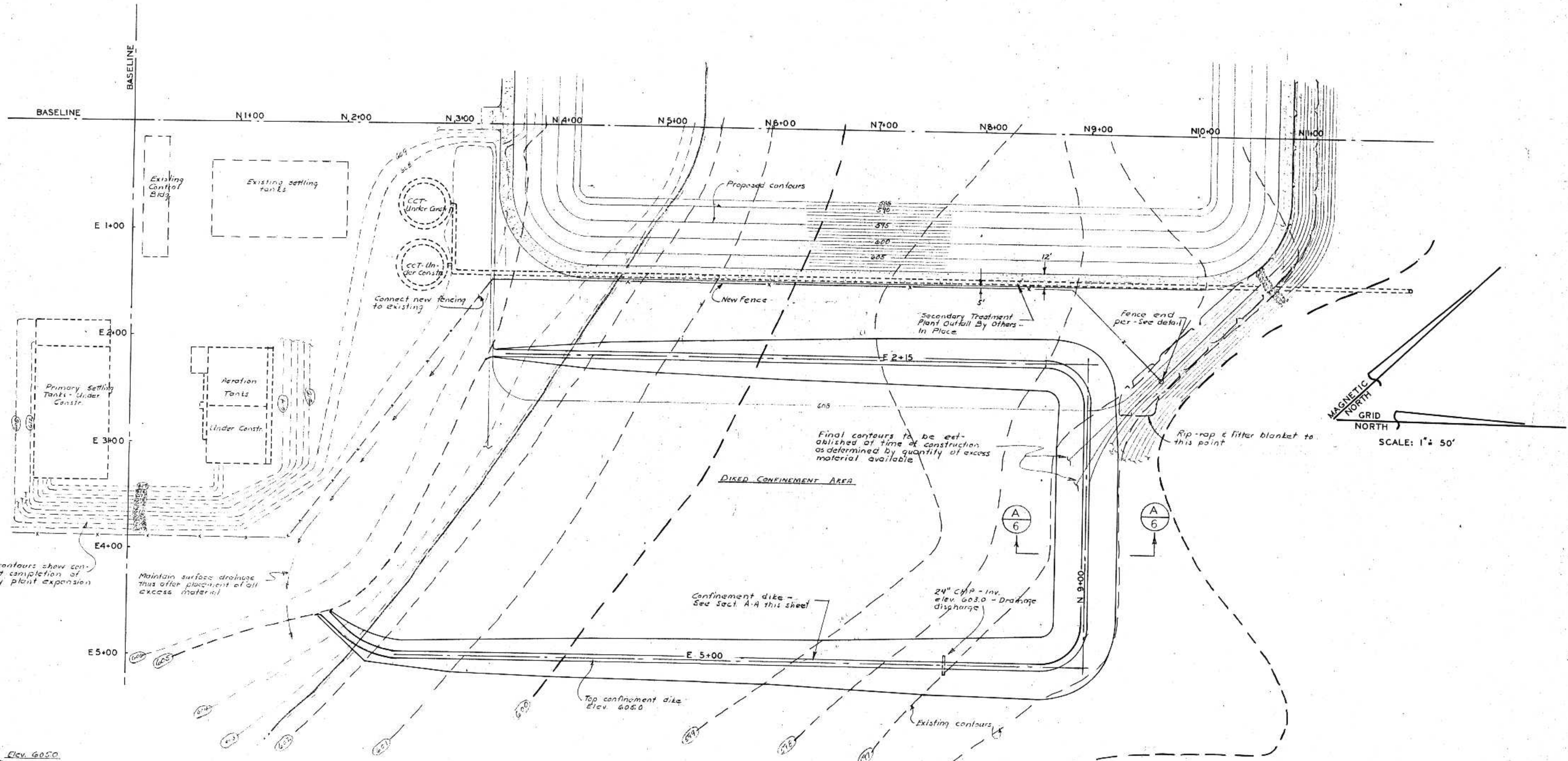
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
 DATE: FEB 5, 1975. REG. NO. E06599

SURVEY	DATE	REVISIONS
DESIGNED	7/69	
DRAWN	7/69	
CHECKED	7/69	
APPROVED	7/69	

BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.
 ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
 DATE: JAN 3, 1975
 COMM. 6888 F

C. S. O. PLANT - DISTRICT 2
CONTOUR MAP



- Notes**
- Contractor shall construct confinement dike from material dredged from Borrow Area B prior to stripping of aerated stabilization pond embankment areas.
 - All dredged material resulting from pond embankment stripping and removal of material down to elevation 592.0 in Areas "A" shall be placed in diked confinement area.
 - Excess material not required for aerated stabilization pond embankment construction, other than that in item (2) above, shall be disposed of by placing on top of material in diked confinement area.
 - The disposal area shall be leveled and graded to drain with a maximum slope to water surface of 6:1.

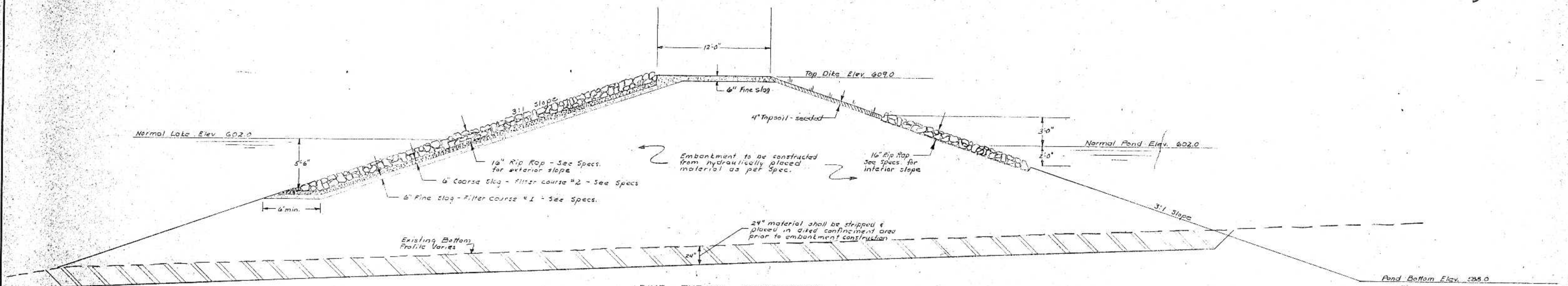
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE FEB. 5, 1975 REG. NO. E06599

SURVEY	GRC	REVISIONS
DRAWN	RE	
DESIGN	RE	
APPROVED	RE	

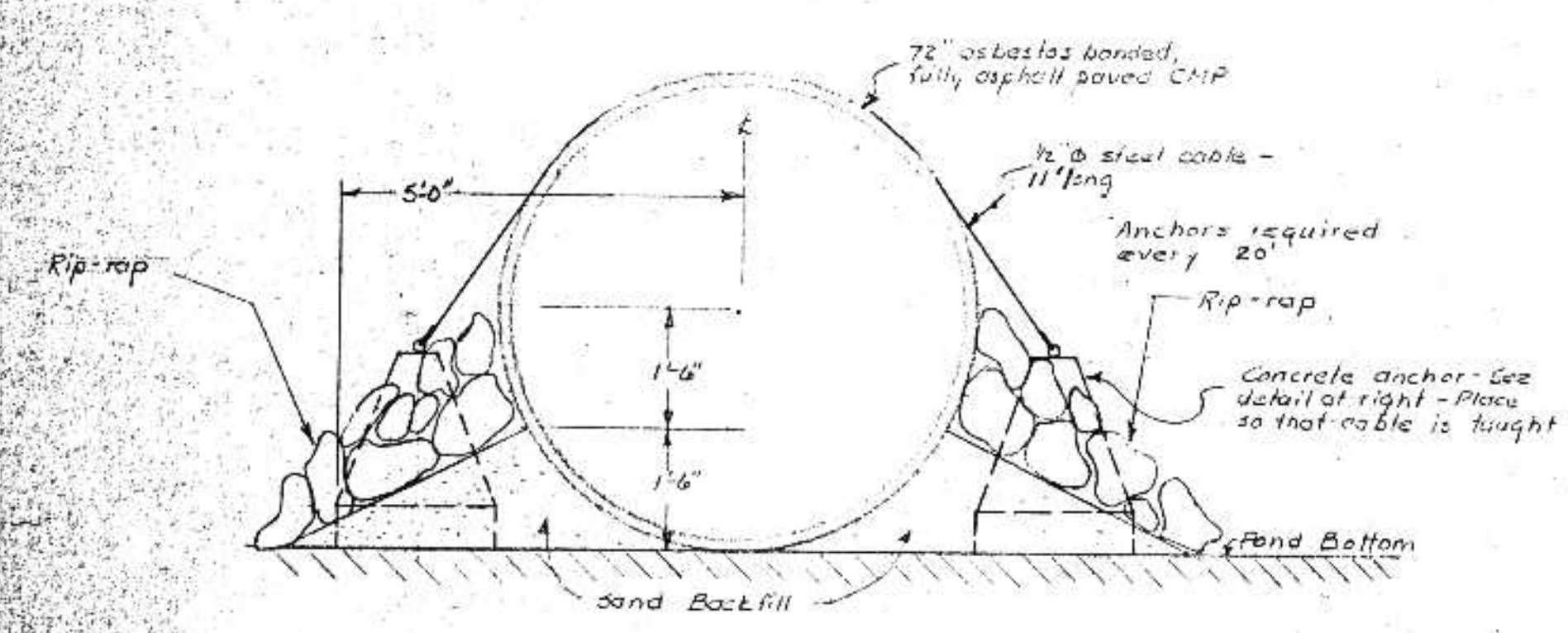
BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JAN. 3, 1975 COMM. 6888 F

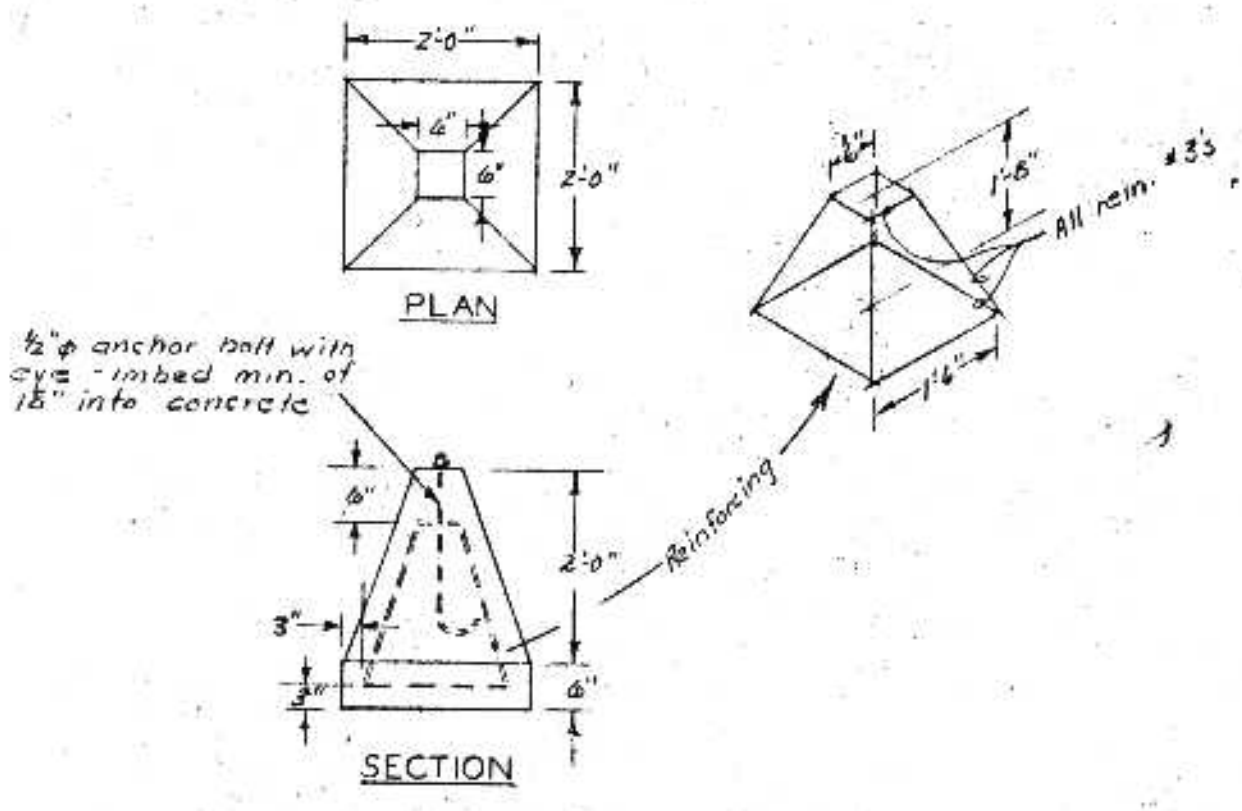
C. S. O. PLANT - DISTRICT 2
CONFINEMENT DIKE



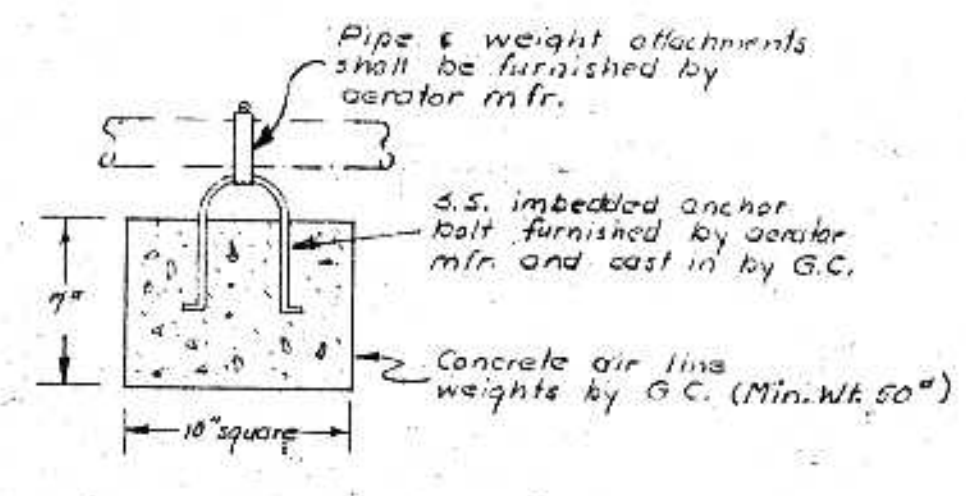
DIKE TYPICAL CROSSSECTION
Scale: 1" = 5'-0"



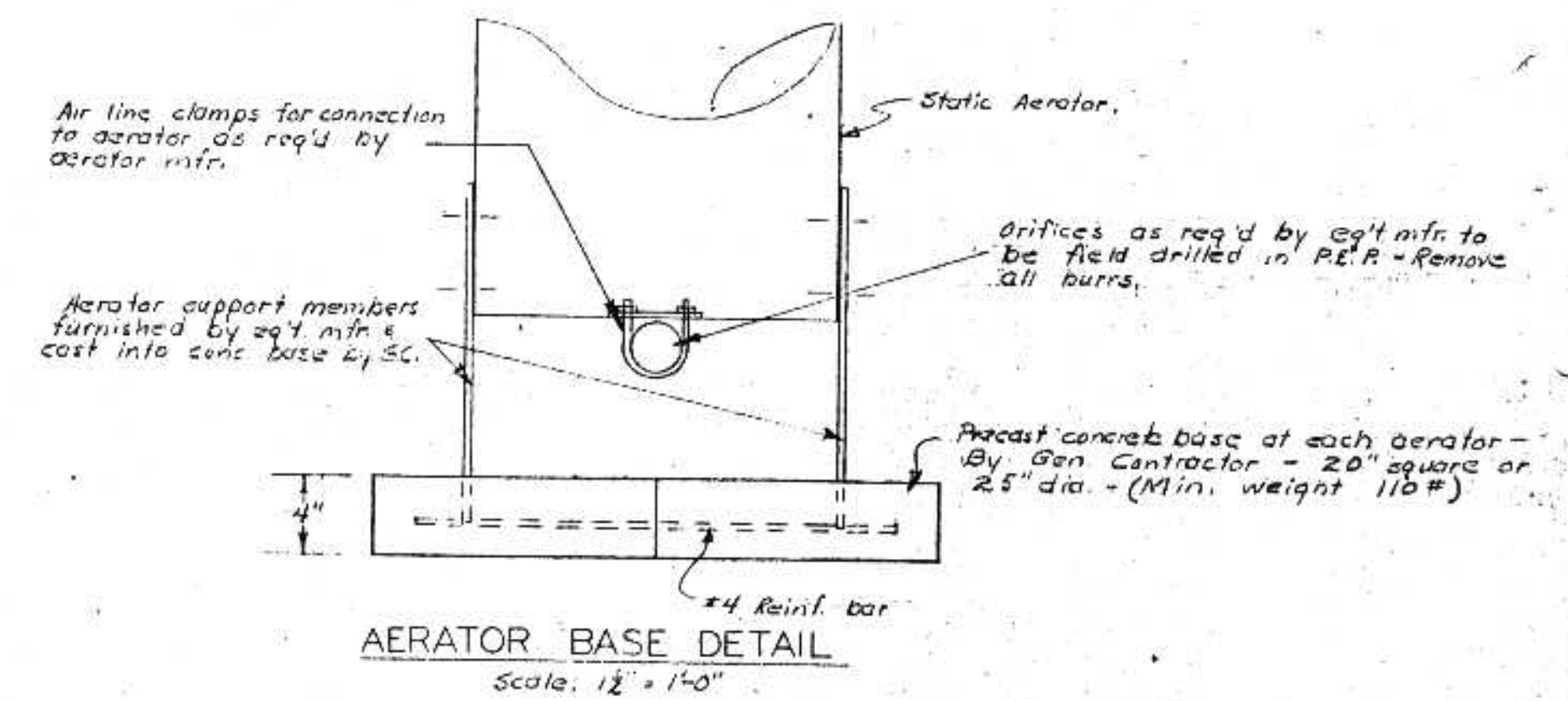
OUTFALL PIPE SECTION A-A
Scale: 1/2" = 1'-0"



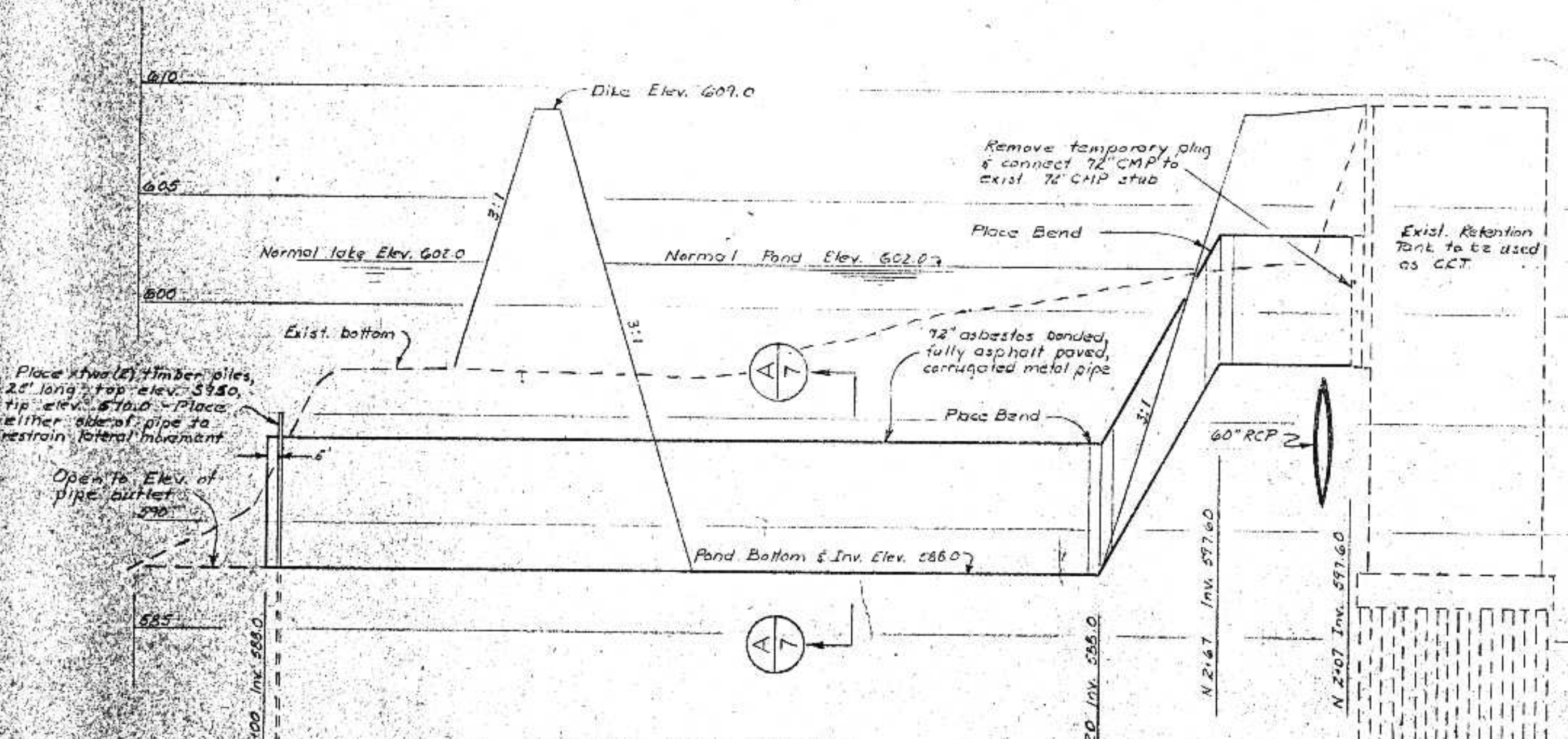
OUTFALL PIPE ANCHOR
Scale: 1/2" = 1'-0"



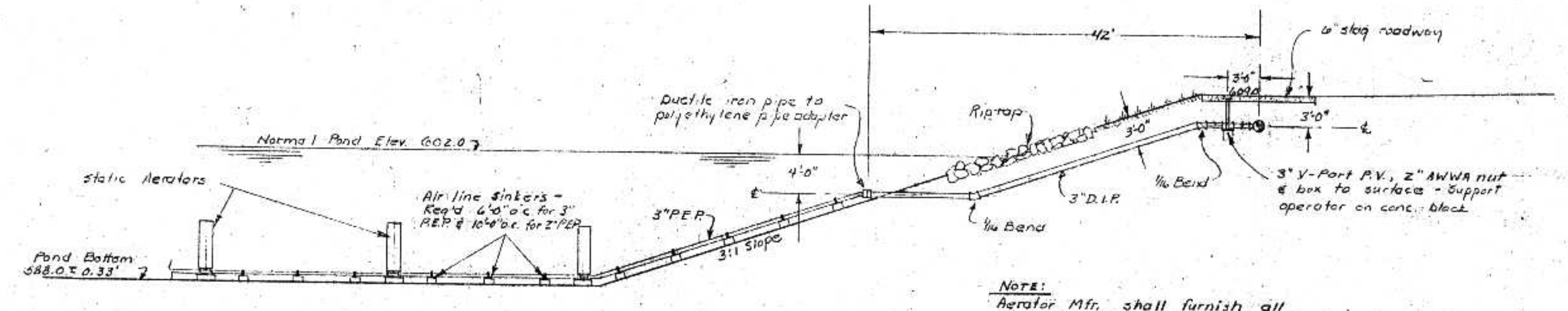
AIR LINE SINKER DETAIL



AERATOR BASE DETAIL
Scale: 1/2" = 1'-0"



OUTFALL PIPE PROFILE
Scale: Horiz. 1" = 50'
Vert. 1" = 5'



TYPICAL AIR LATERAL DETAIL
Scale: 1" = 10'

NOTE:
Aerator Mfr. shall furnish all static aerators, aerator support brackets, PE pipe, PE to D.I.R. adapters, PE couplings, air pipe sinker hardware & related items. Contractor shall furnish all other items including pre-cast air line sinkers, pre-cast aerator bases & installation of all items including field drilling of air orifices.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN. LICENSE NUMBER 14840
DATE FEB. 5, 1975 REG. NO. E06599

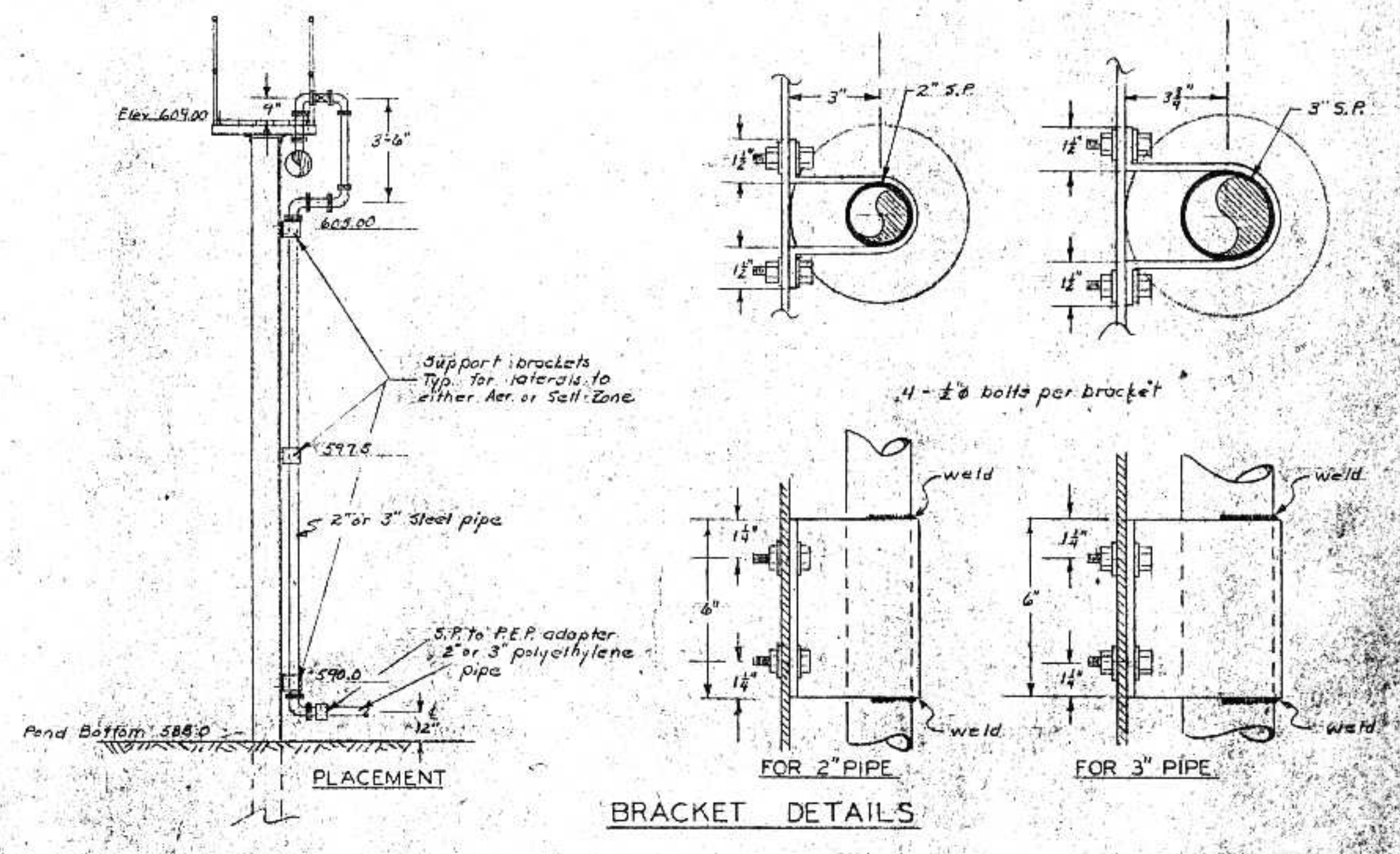
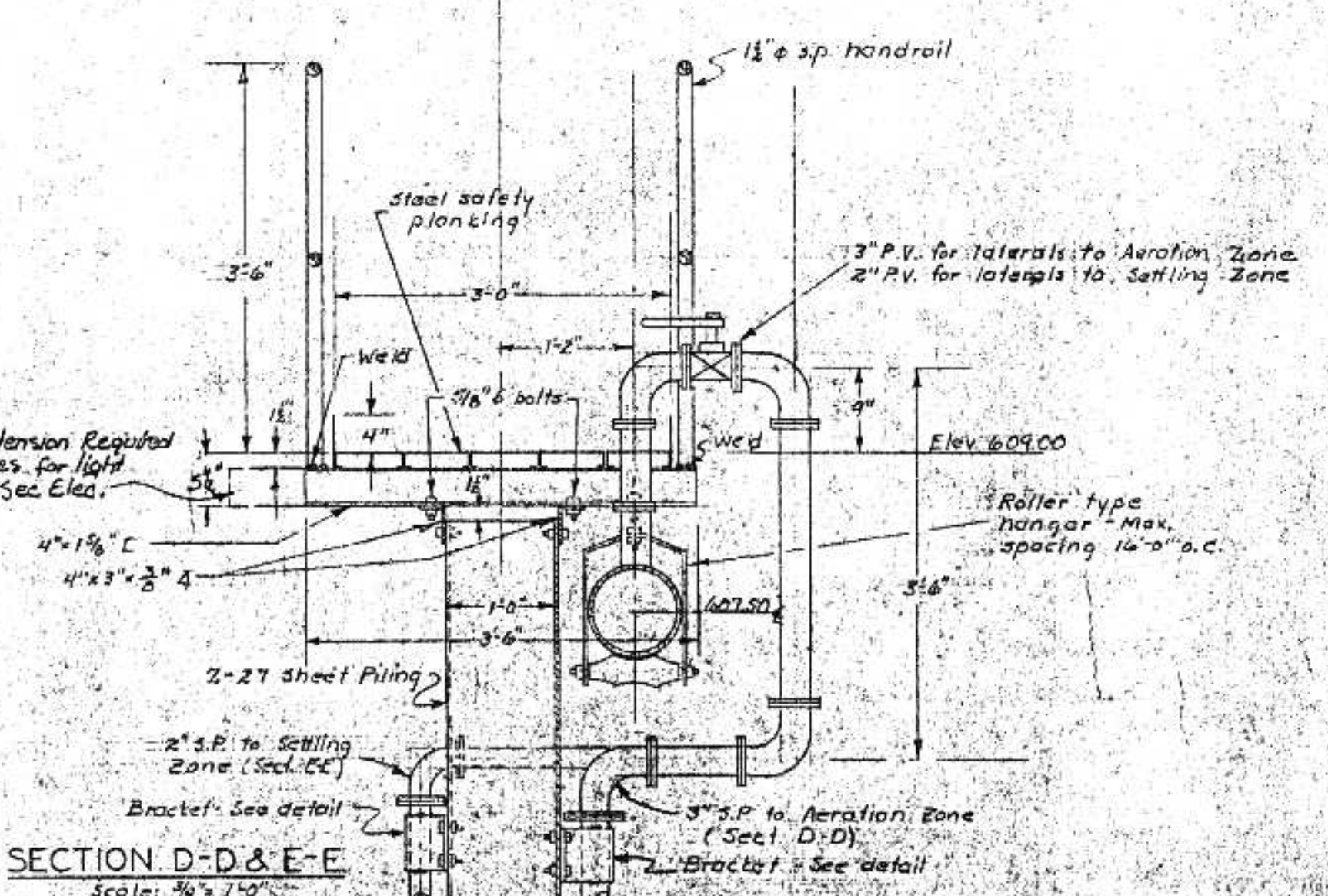
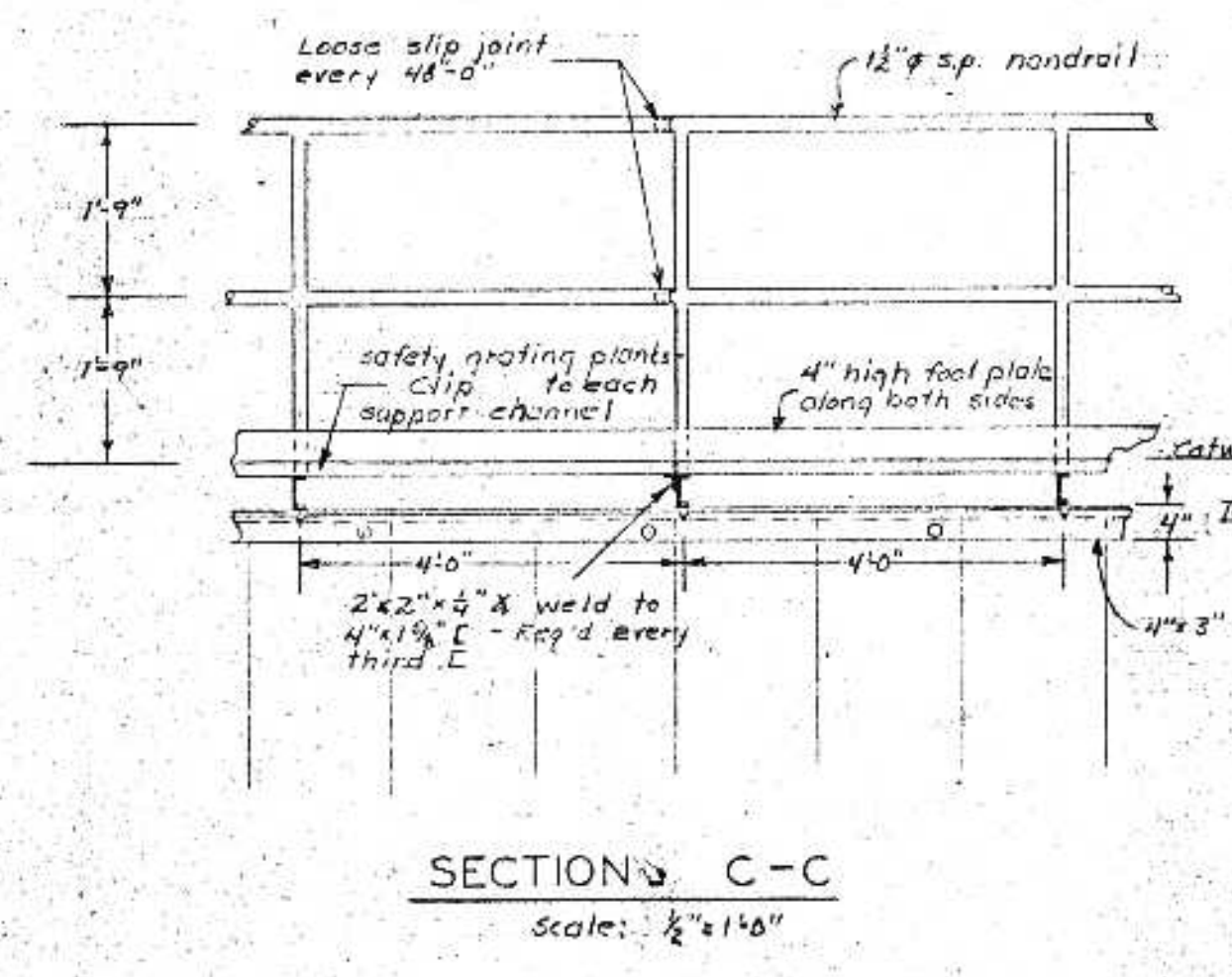
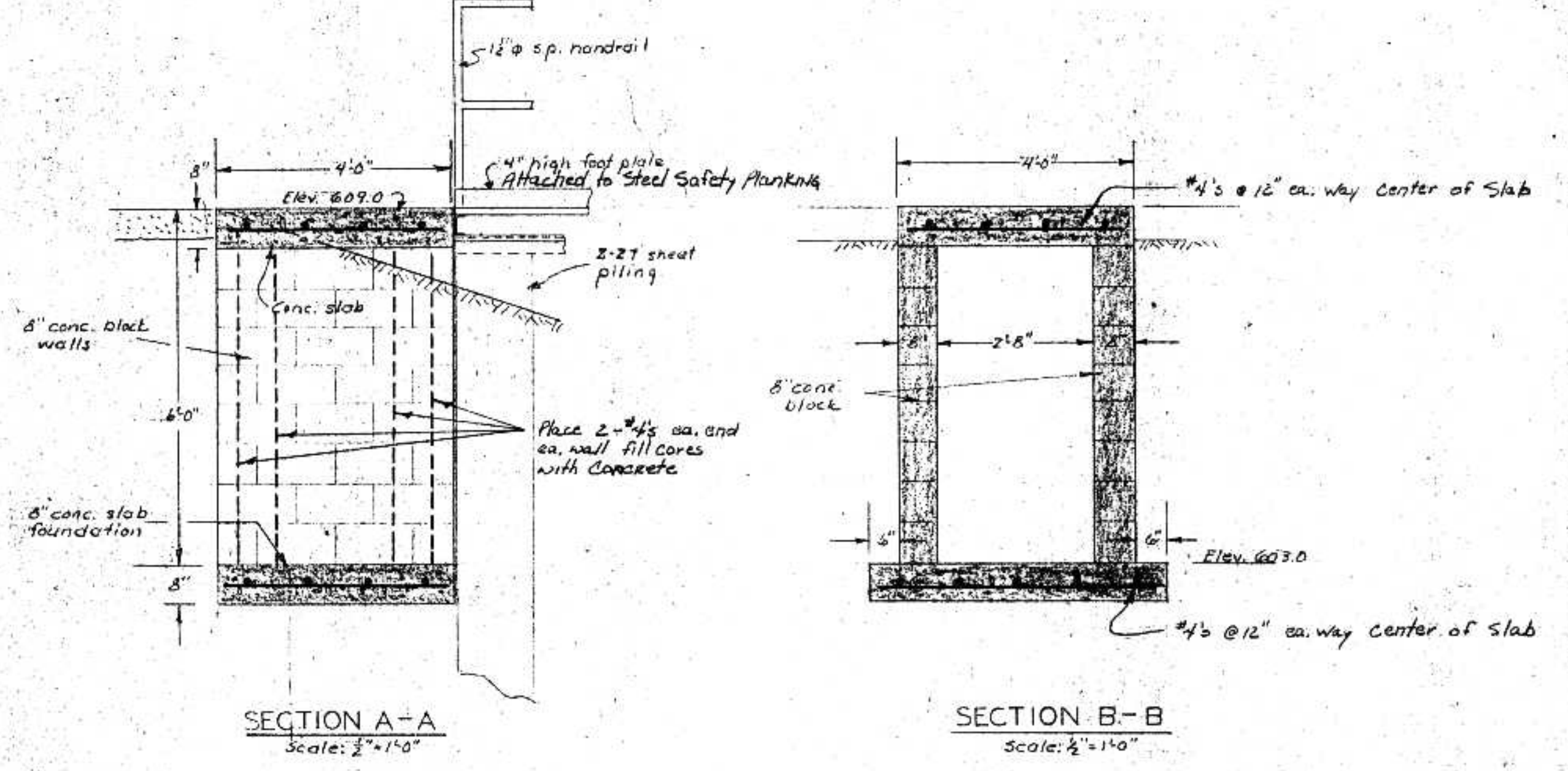
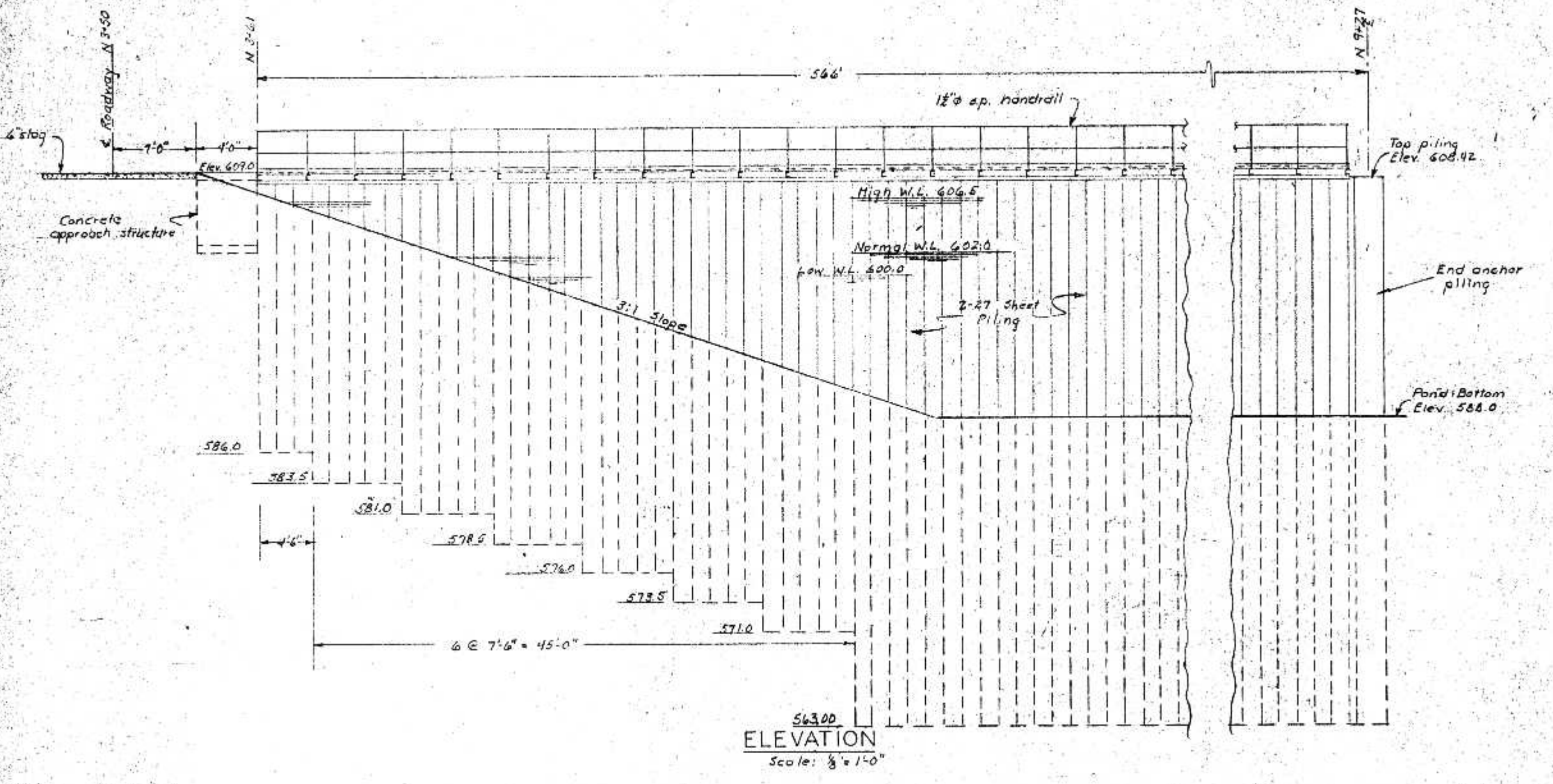
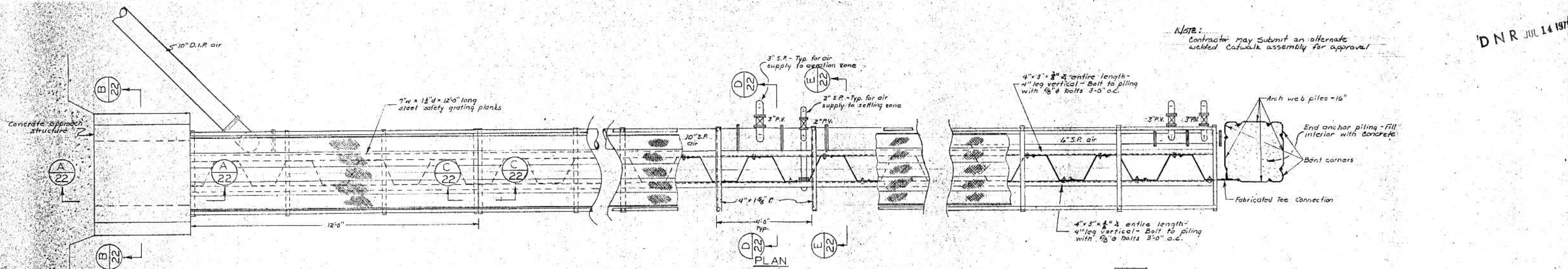
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DRAWING	RET	
DESIGN	RET	
APPROVAL	RET	

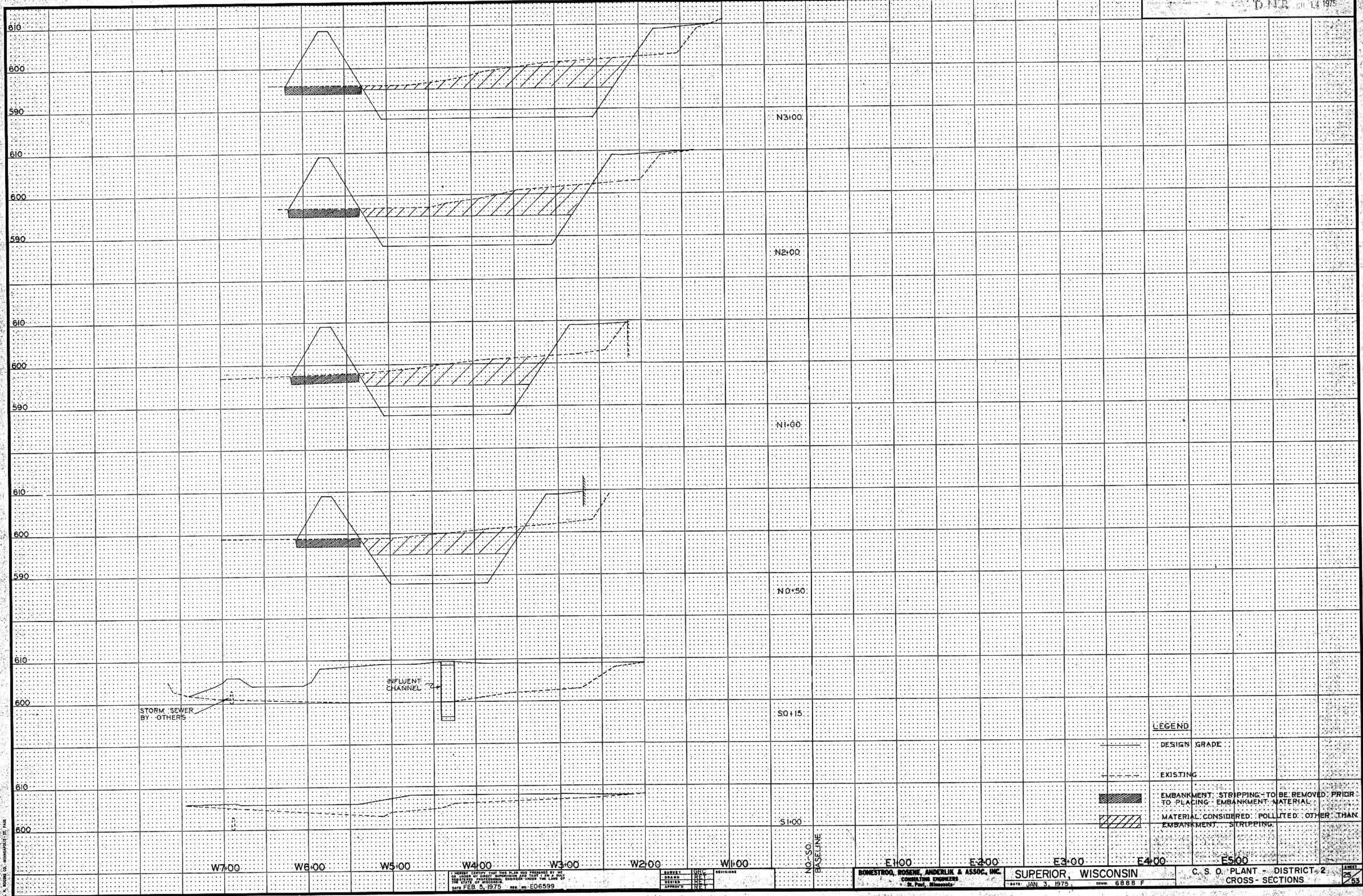
BONESTROO, ROSENE, ANDERLIX & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JAN 3, 1975 COMM. 6888 F

C. S. O. PLANT - DISTRICT 2
DIKE AND OUTFALL

Note: Contractor may submit an alternate welded catwalk assembly for approval





STORM SEWER BY OTHERS

INFLUENT CHANNEL

N3+00

N2+00

N1+00

N0+50

S1+00

W7+00

W6+00

W5+00

W4+00

W3+00

W2+00

W1+00

N0+50
BASELINE

E1+00

E2+00

E3+00

E4+00

E5+00

LEGEND

DESIGN GRADE

EXISTING

EMBANKMENT STRIPPING - TO BE REMOVED PRIOR TO PLACING EMBANKMENT MATERIAL
MATERIAL CONSIDERED POLLUTED OTHER THAN EMBANKMENT STRIPPING

FUNCTIONAL CROSS SECTION - OPEN DITCH
P. S. BROWN & ASSOCIATES, INC.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A duly LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE FEB. 5, 1975 REG. NO. E06599

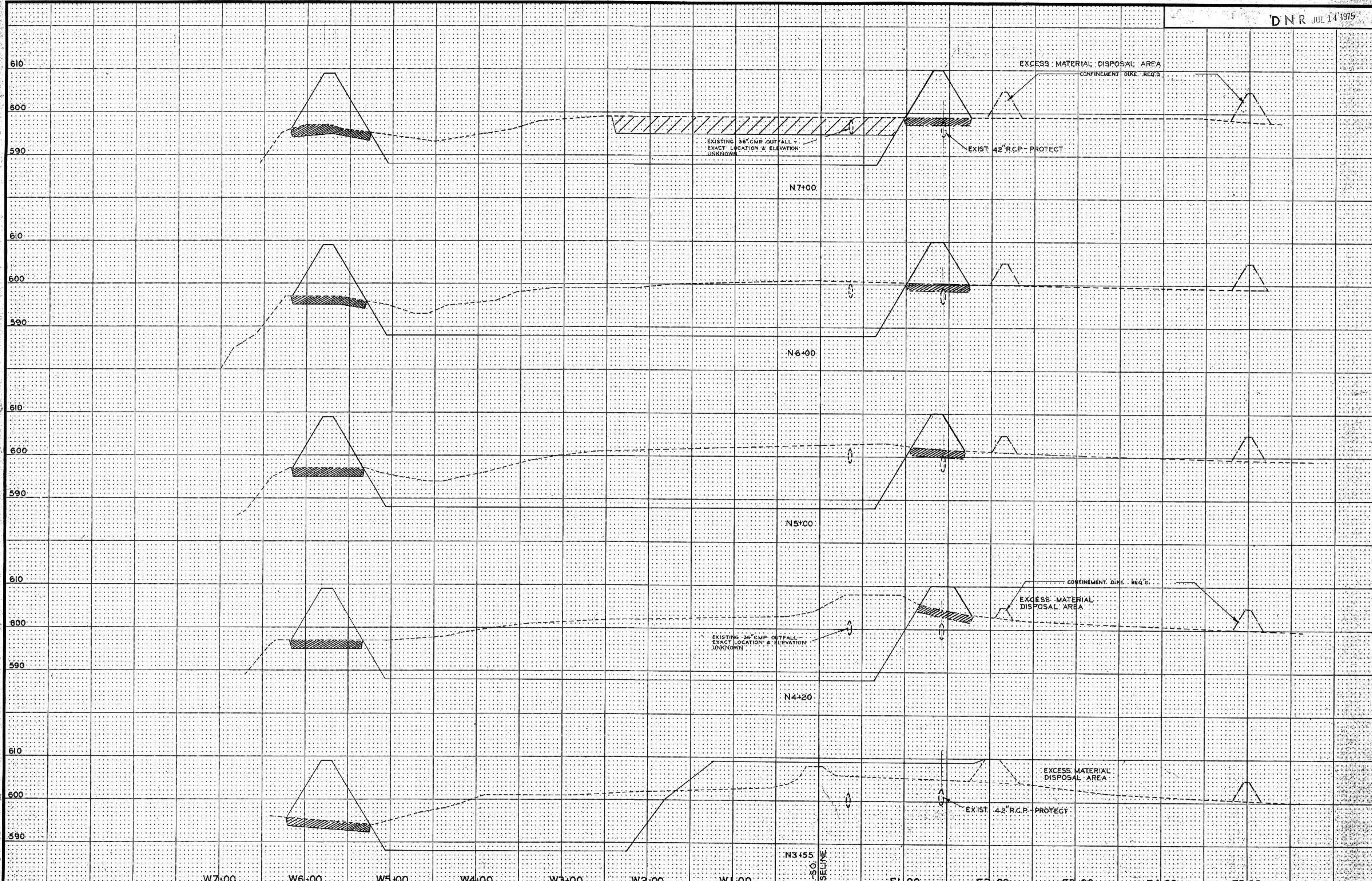
SURVEY GRC
DRAWN RBY
DESIGN RBY
APPROVED RBY

BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.
CONSULTING ENGINEERS
St. Paul, Minnesota

SUPERIOR, WISCONSIN
DATE: JAN. 3, 1975 CONN. 6888 F

C. S. O. PLANT - DISTRICT 2
CROSS-SECTIONS

SHEET
23
53



FUNCTIONAL CROSS SECTION FROM BOTTED
M. A. ROSE & CO., MINNEAPOLIS, ST. PAUL

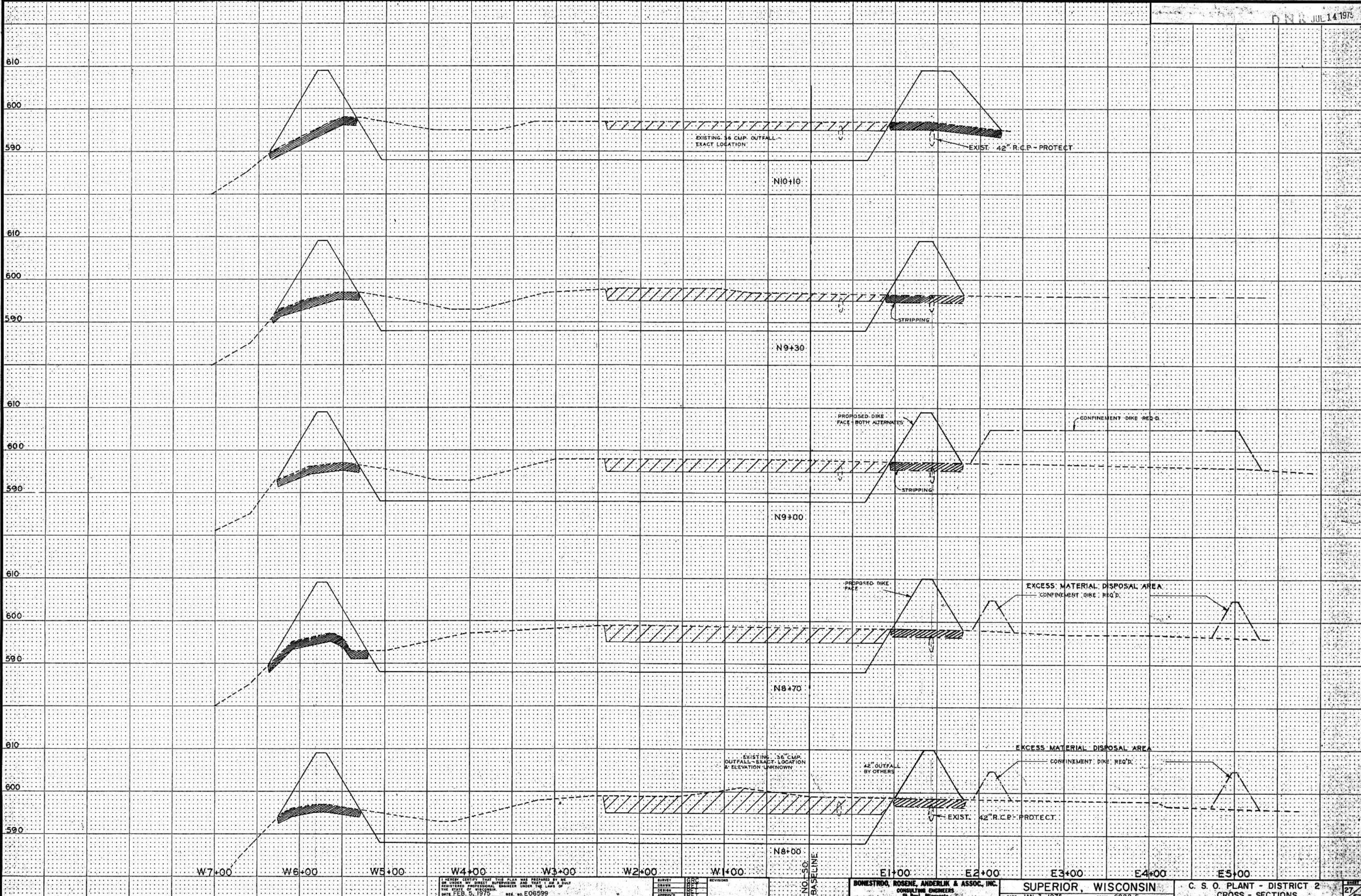
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME
OR UNDER MY CLOSE SUPERVISION AND THAT I AM A duly
LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF
THE STATE OF WISCONSIN.
DATE FEB. 5, 1975 REG. NO. E06599-3

DESIGNED	GR
DRAWN	RF
CHECKED	RF
APPROVED	RF

BONESTROO, ROSENE, ANDERLIN & ASSOC., INC.
CONSULTING ENGINEERS
St. Paul, Minnesota

SUPERIOR, WISCONSIN
DATE: JAN. 3, 1975 CONN. 6888 F

C. S. O. PLANT - DISTRICT 2
CROSS - SECTIONS



PUNCTUAL CROSS SECTION OPEN DOTTED
K. A. ROSEN CO., MINNEAPOLIS, ST. PAUL

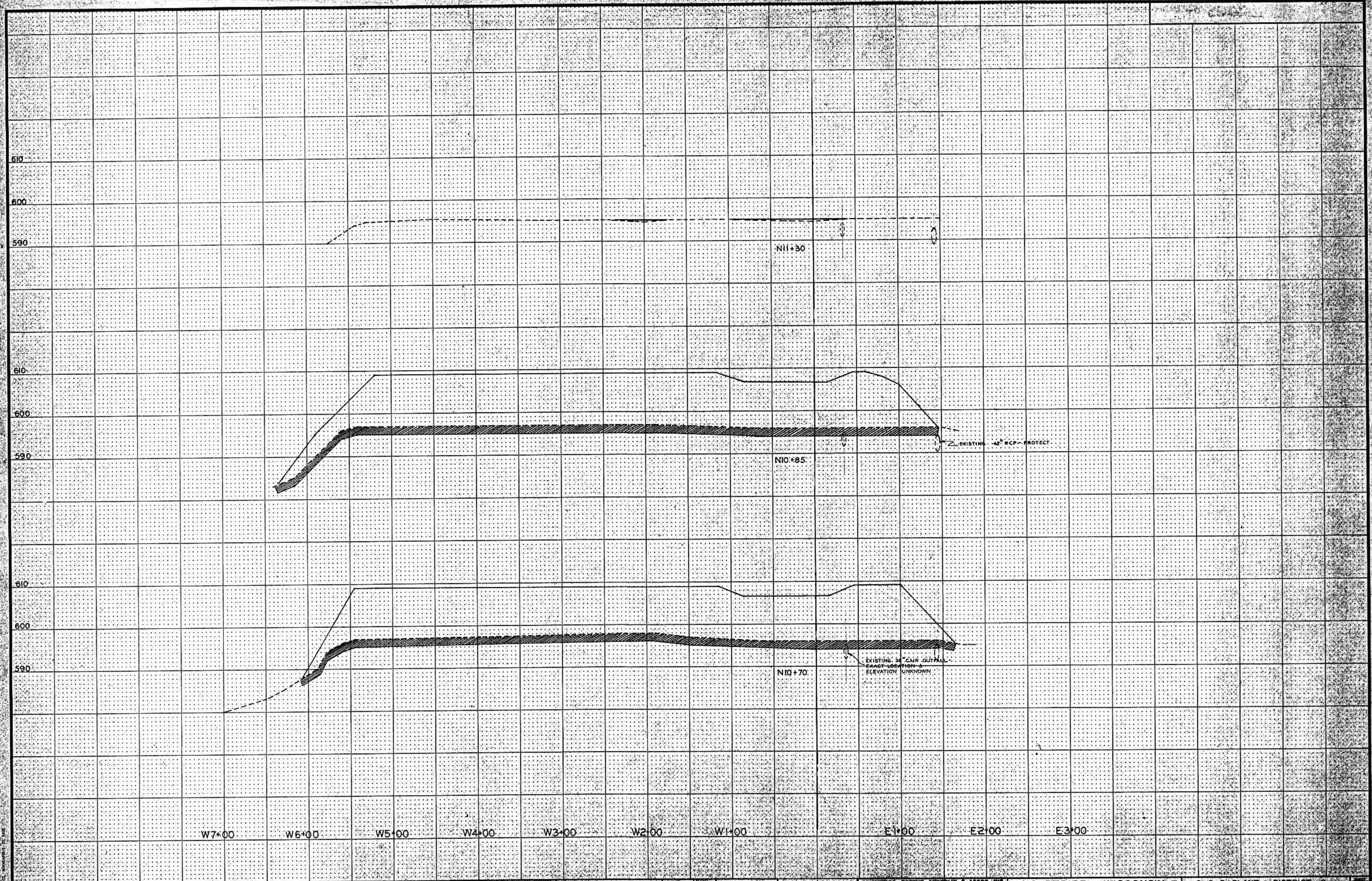
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WISCONSIN.
DATE FEB. 5, 1975 REG. NO. E06599

REVISIONS	
DESIGN	1
CHECK	1
DATE	

BONESTROO, ROSENE, ANDERLIK & ASSOC., INC.
CONSULTING ENGINEERS
St. Paul, Minnesota

SUPERIOR, WISCONSIN
DATE: JAN. 3, 1975 CORR: 6888 F

C. S. O. PLANT - DISTRICT 2
CROSS - SECTIONS



FUNCTIONAL CROSS SECTION ONLY NOT TO SCALE

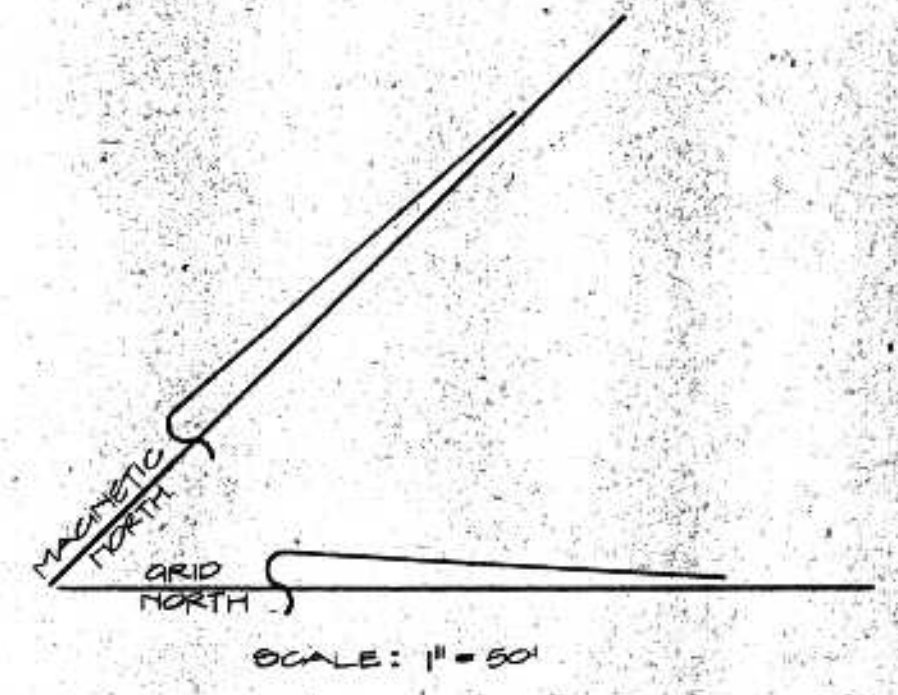
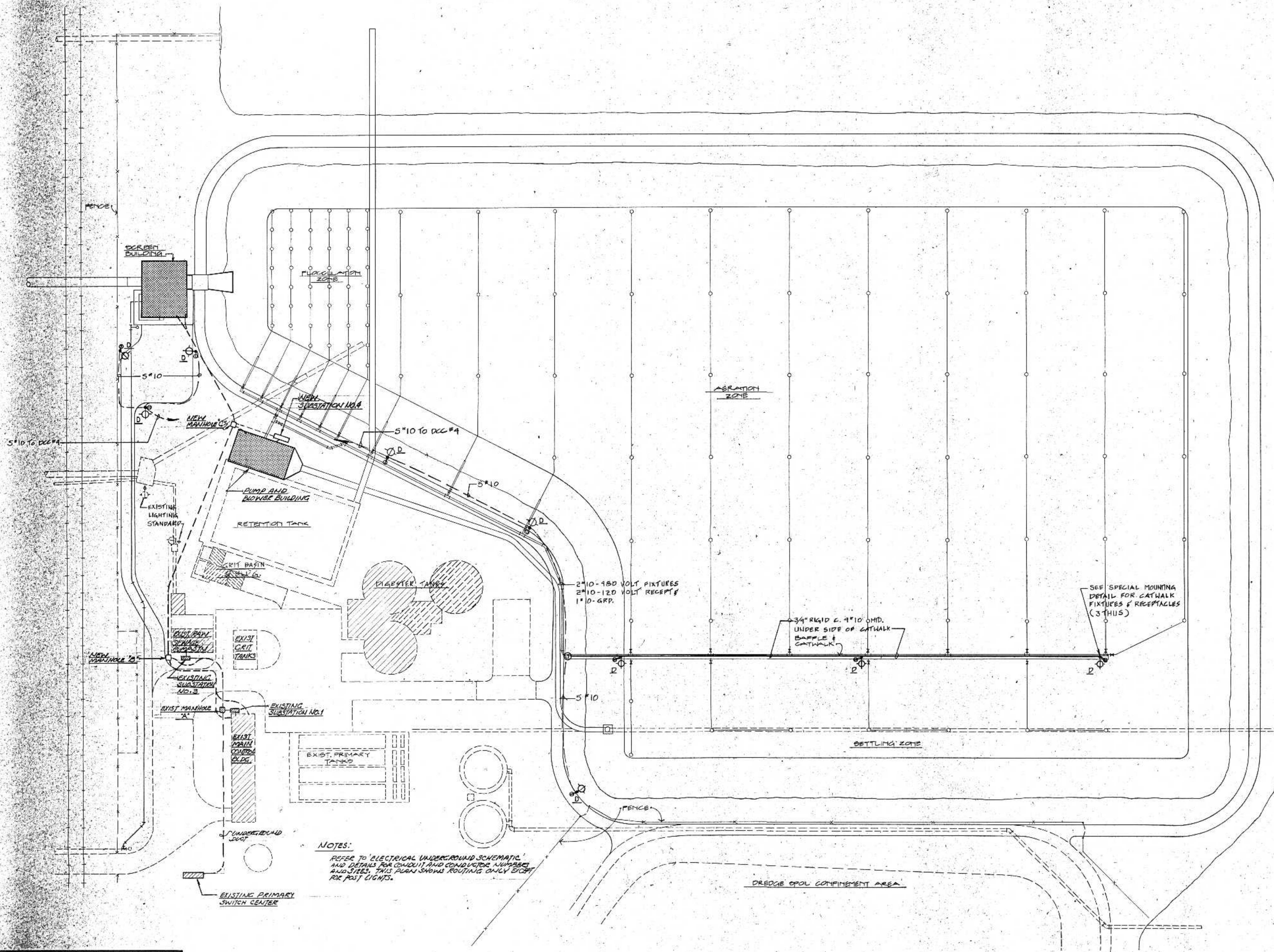
PROJECT: CANAL IMPROVEMENT AND MAINTENANCE
DATE: FEB 5, 1975
JOB NO: E06599

DESIGNED BY	REVIEWED BY
DRAWN BY	CHECKED BY
DATE	DATE

BOHANNON, ROSENE, ANDERSON & ASSOC., INC.
SUPERIOR, WISCONSIN

SUPERIOR, WISCONSIN
DATE: JAN 3, 1975
DRAWN: 6888 F

C. S. G. PLANT - DISTRICT 2
CROSS SECTIONS
28



NOTES:
REFER TO ELECTRICAL UNDERGROUND SCHEMATIC AND DETAILS FOR CONDUIT AND CONDUIT NUMBER AND SIZES. THIS PLAN SHOWS ROUTING ONLY EXCEPT FOR POST LIGHTS.

ERICKSEN ELLISON
AND ASSOCIATES INC.
CONSULTING ENGINEERS
SAINT PAUL, MINNESOTA

DATE: JUNE 14, 1975
DRAWN BY: [Signature]
CHECKED BY: [Signature]

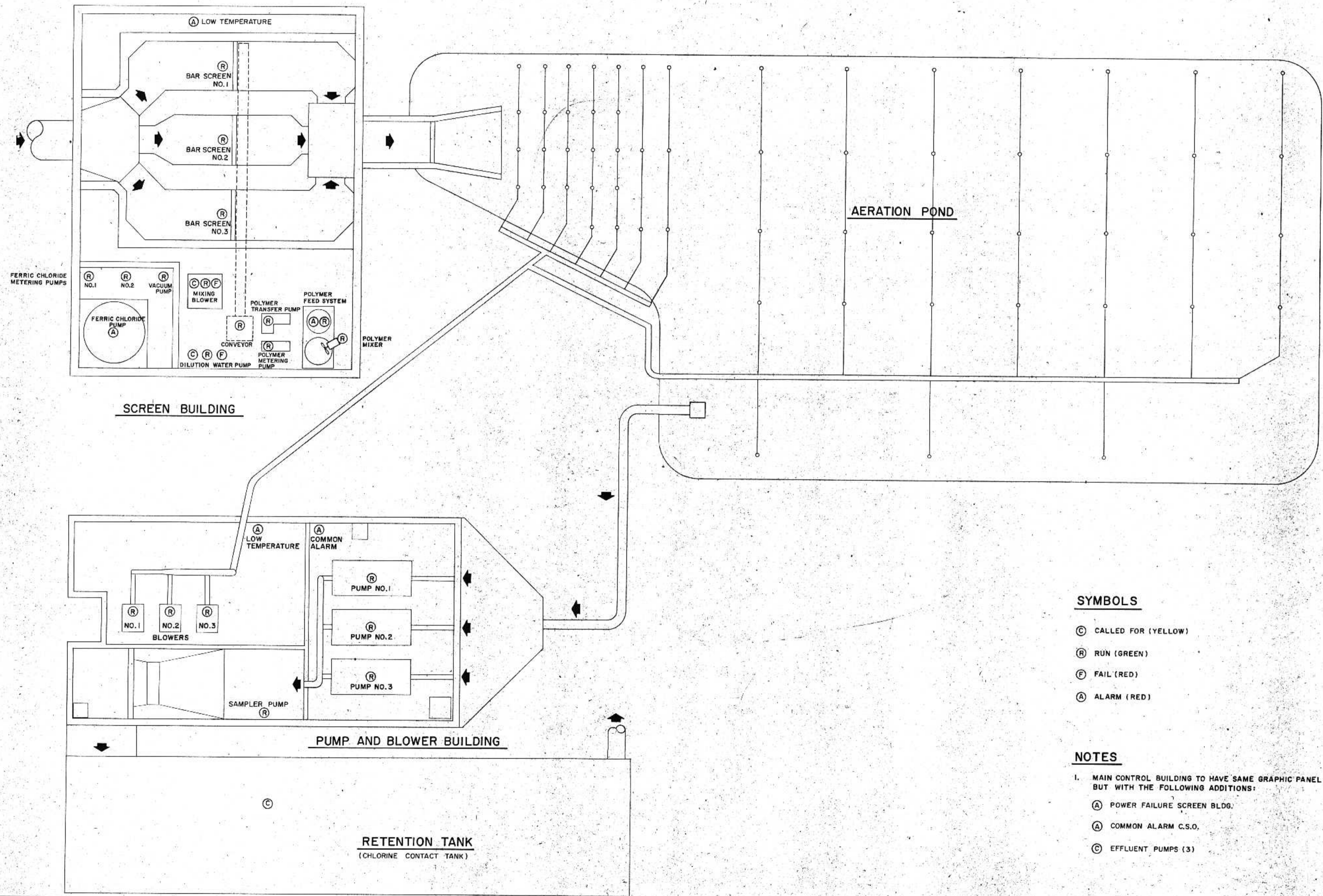
DESIGNED	REVISIONS
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CHECKED	
APPROVED	

BOBESTROO, ROSENE, ANDERLIK & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JUNE 14, 1975
COMM 6888F

C.S.O. PLANT - DISTRICT 2
ELECTRICAL SITE PLAN

DN 14 1975



SYMBOLS

- (C) CALLED FOR (YELLOW)
- (R) RUN (GREEN)
- (F) FAIL (RED)
- (A) ALARM (RED)

NOTES

1. MAIN CONTROL BUILDING TO HAVE SAME GRAPHIC PANEL BUT WITH THE FOLLOWING ADDITIONS:
 - (A) POWER FAILURE SCREEN BLDG.
 - (A) COMMON ALARM C.S.O.
 - (C) EFFLUENT PUMPS (3)

ERICKSEN ELLISON
AND ASSOCIATES, INC.
CONSULTING ENGINEERS
SAINT PAUL, MINNESOTA

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE: JUNE 14, 1975 REG. NO. 2-14569 *Jim Hibbard*

SURVEY
DRAWN
DESIGN
APPROVED

BORESTROO, ROSENE, ANDERLIK & ASSOC., INC.
ST. PAUL, MINNESOTA

SUPERIOR, WISCONSIN
DATE: JUNE 14, 1975 COMM 6888 F

C.S.O. PLANT - DISTRICT 2
GRAPHIC PANELS