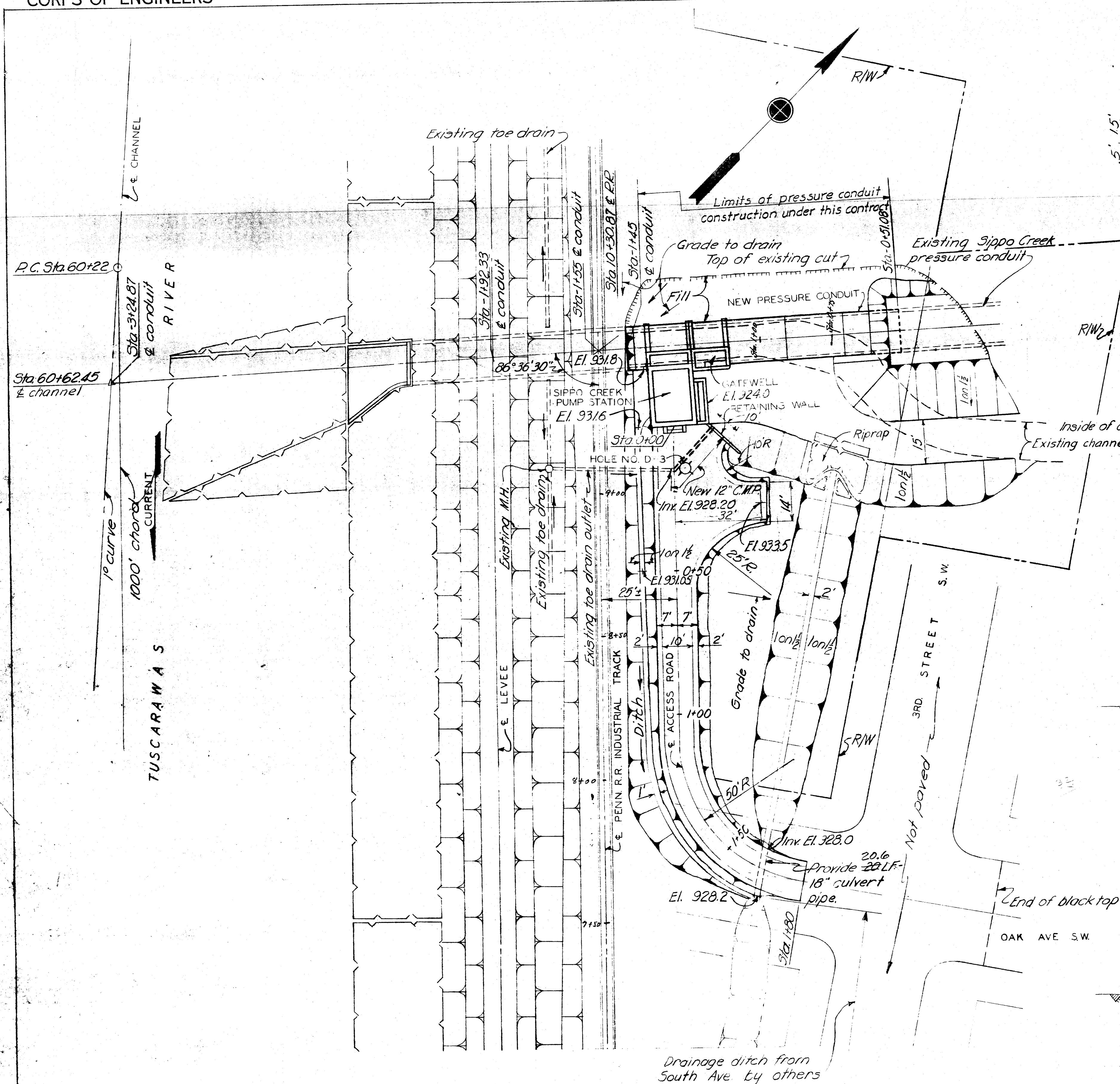


CORPS OF ENGINEERS



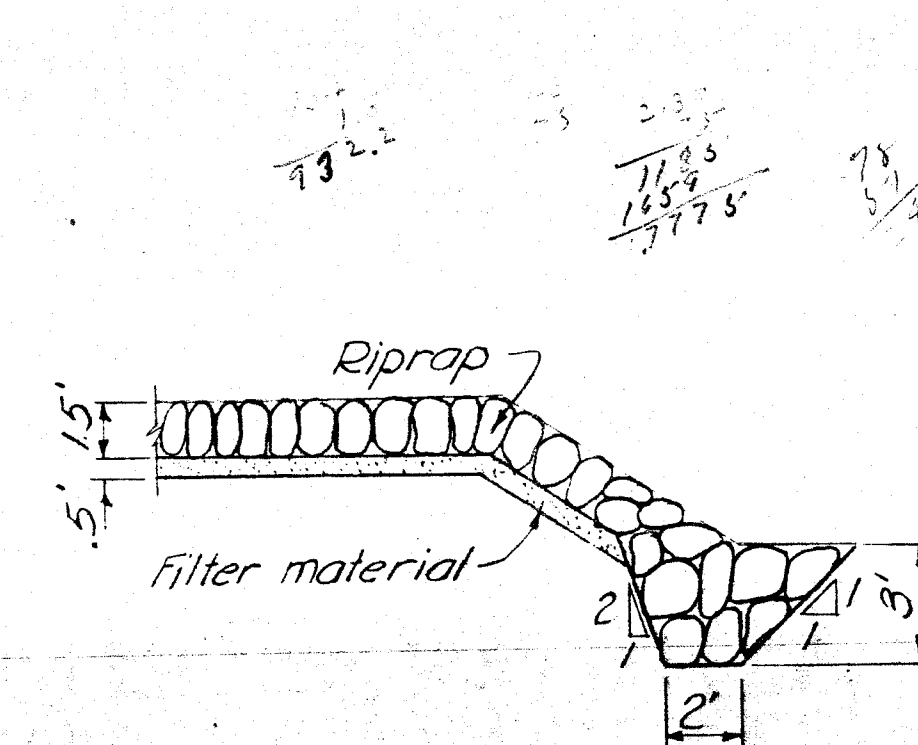
PLAN

20' 15' 10' 5' 0' 20' 40'

SCALE: 1"=20'

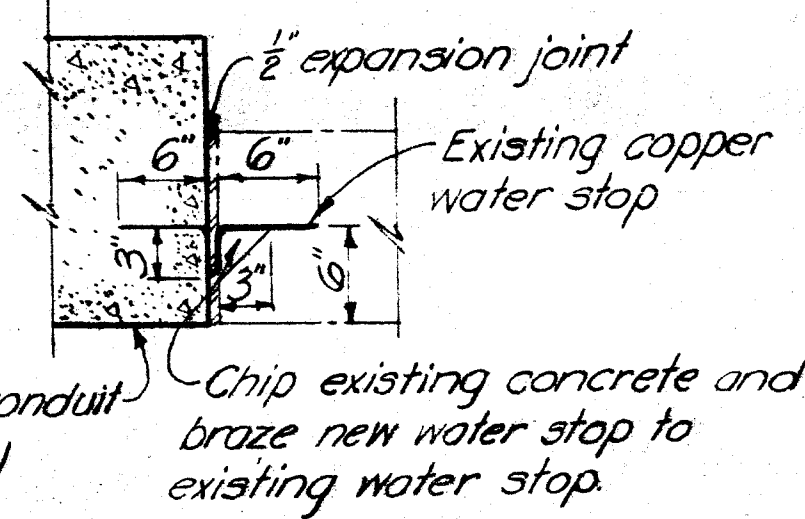
HOLE NO. D-3
JUNE, 1949

El. 928.9	Brickbats, broken stone, silt and fill material
El. 918.9	Ground water
El. 911.9	Br. silty sandy gravel
El. 908.9	Gr. silty sand



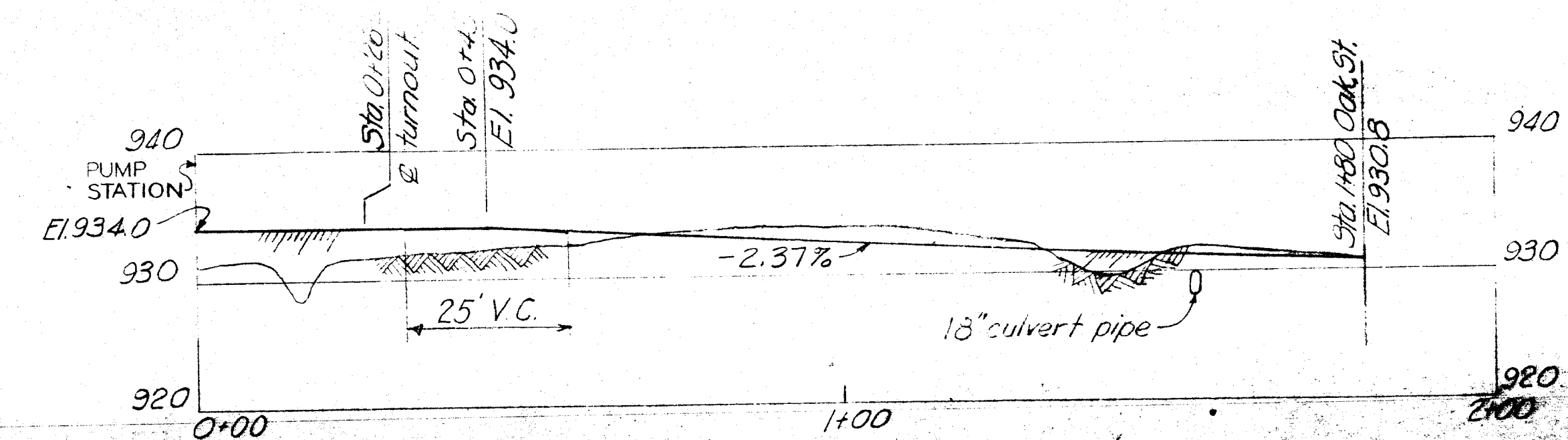
RIPRAP DETAIL

SCALE: 1"=5'

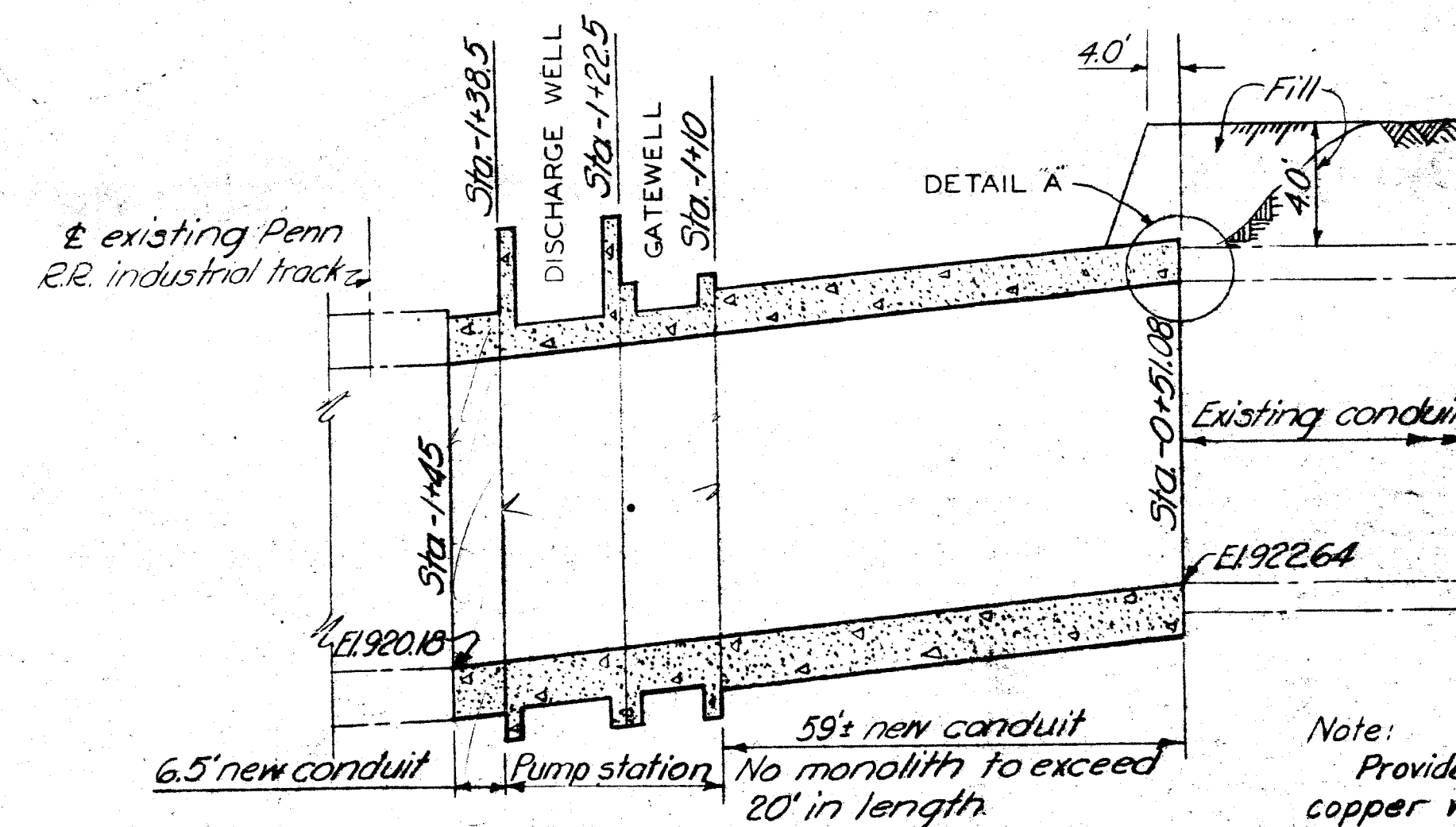


DETAIL "A"

SCALE: 1"=0'



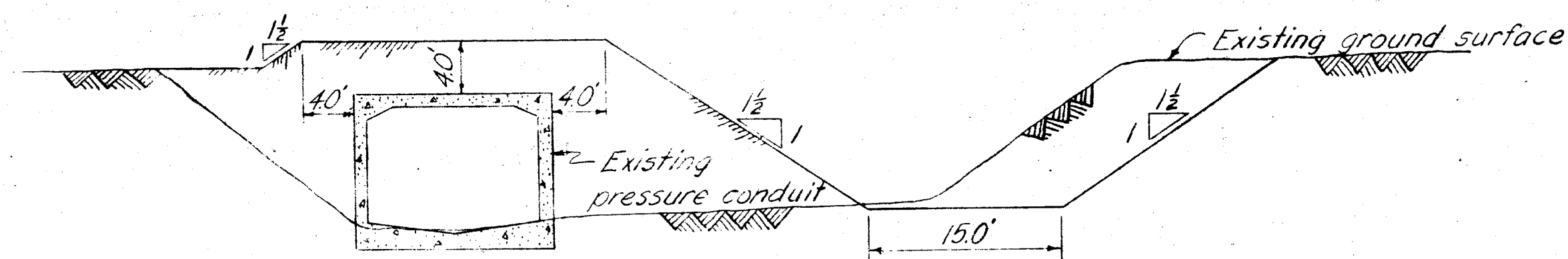
PROFILE OF ACCESS ROAD

SCALE: HOR 1"=20'
VERT. 1"=10'

PROFILE OF PRESSURE CONDUIT

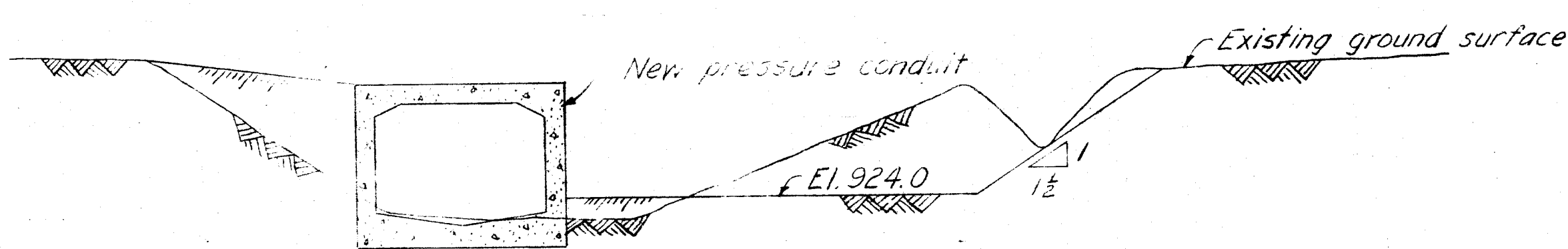
SCALE: HOR 1"=20'
VERT. 1"=5'

Note:
Provide 2" expansion joints with copper water stops between monoliths.



SECTION AT STA. -0+51.08

SCALE: 1"=10'



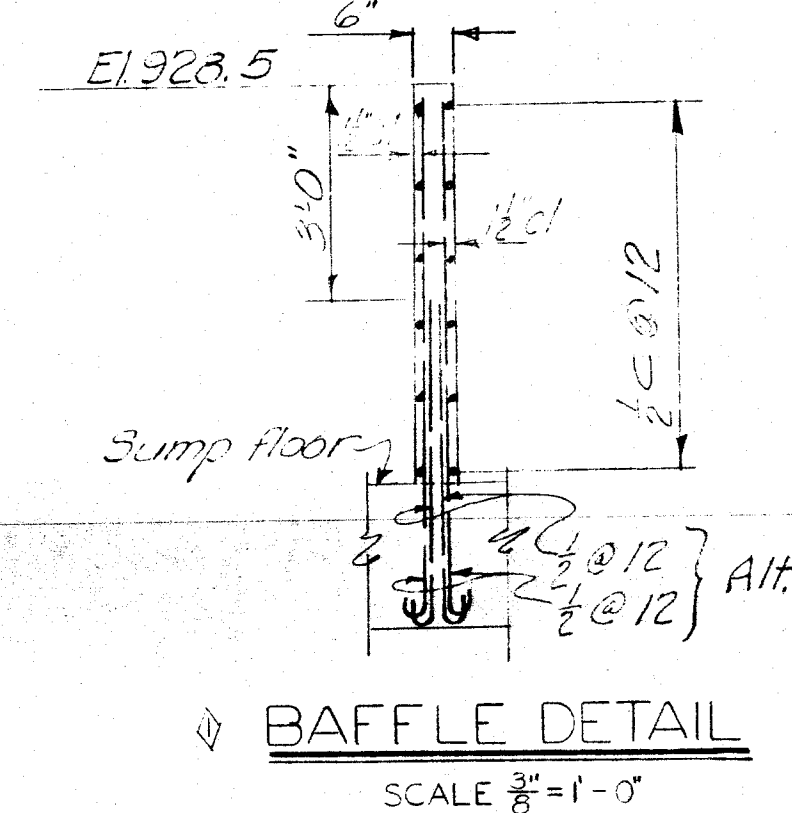
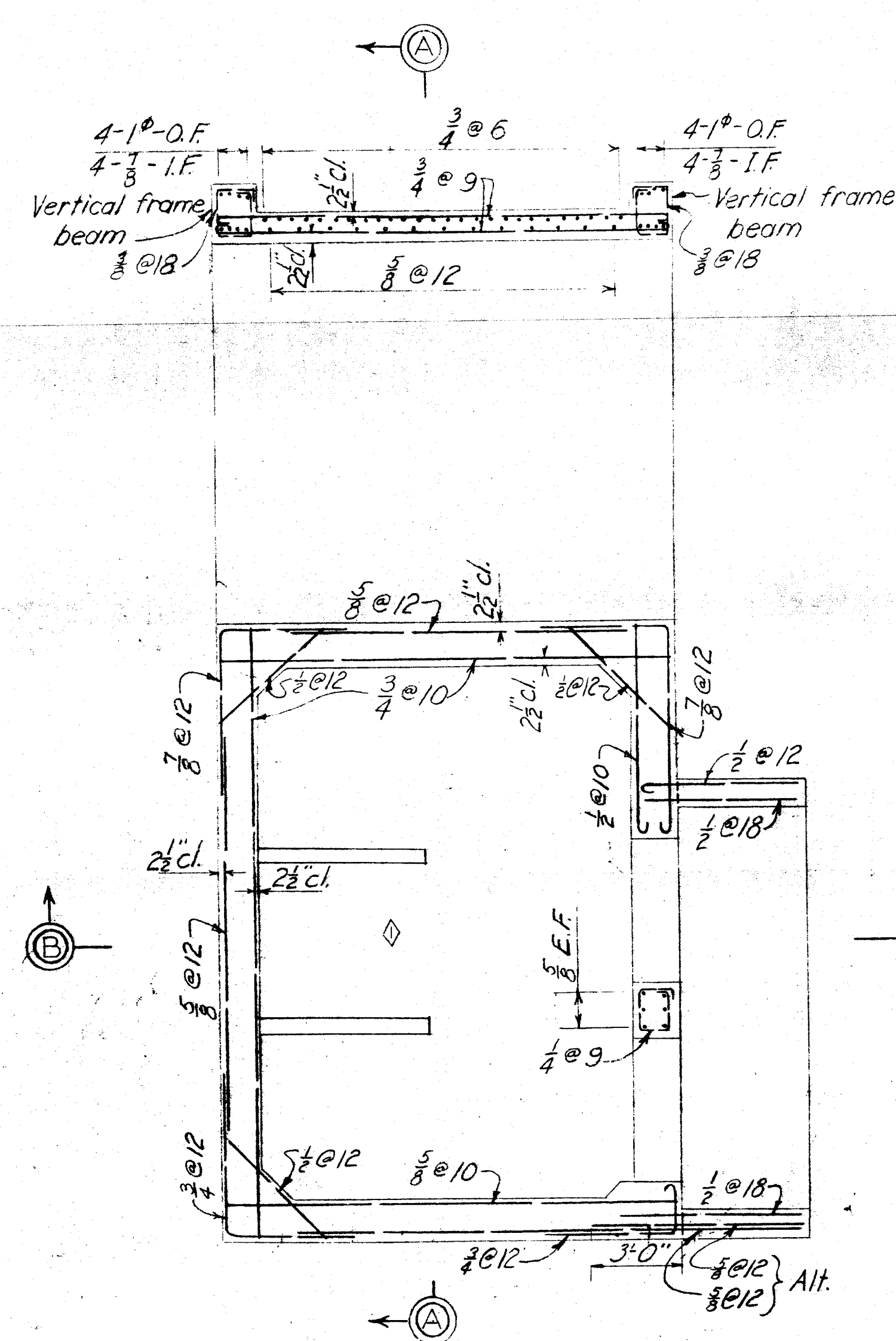
SECTION AT STA. -0+75

SCALE: 1"=10'

NOTES

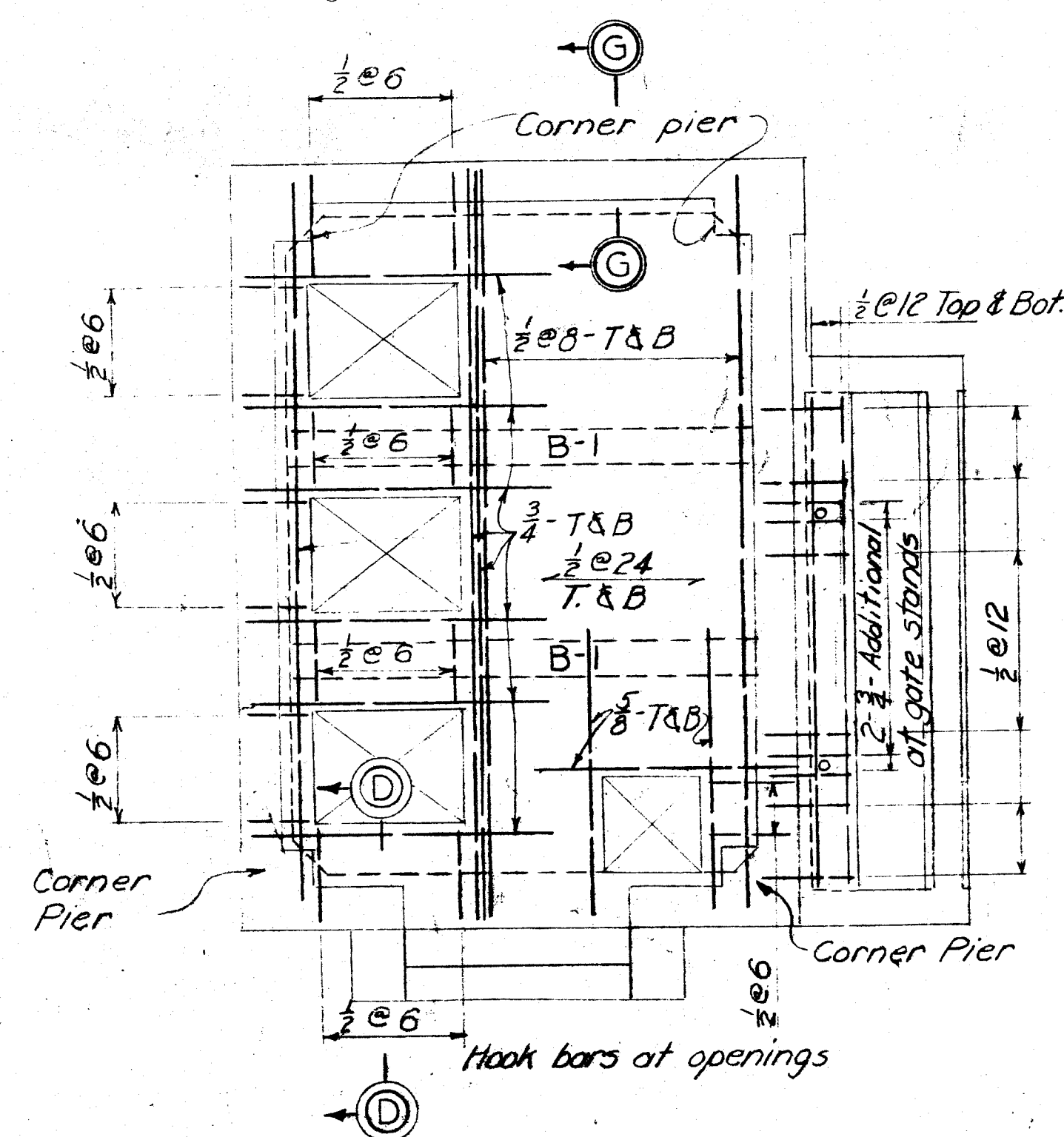
- For plans and sections of pump station, see Dwg. No. 51.3/3.
For masonry and reinforcing details of retaining wall, see Dwg. No. 51.3/5.
For typical section of access road, see Dwg. No. 51.2/11.
For masonry and reinforcing details of conduit, see Dwg. No. 51.3/6.
For typical expansion joint, see Dwg. No. 51.3/3.

2-1-50	CORRECTED DWG. NO. — ADDENDUM NO. 2
REVISION	DATE
DESCRIPTION	
CORPS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.	
DRAWN BY: E.S.W.	TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPPO CREEK PUMP STATION LOCATION PLAN & PROFILES
TRACED BY: L.L.L.	
CHECKED BY: M.W.W.	
APPROVED BY: J. E. Johnson	
DATE: DEC. 1949	DATE: DEC. 1949
SCALE: AS SHOWN	SPEC. NO.
DRAWING NUMBER 0271-PM-51.3/1	SHEET 25 OF 42



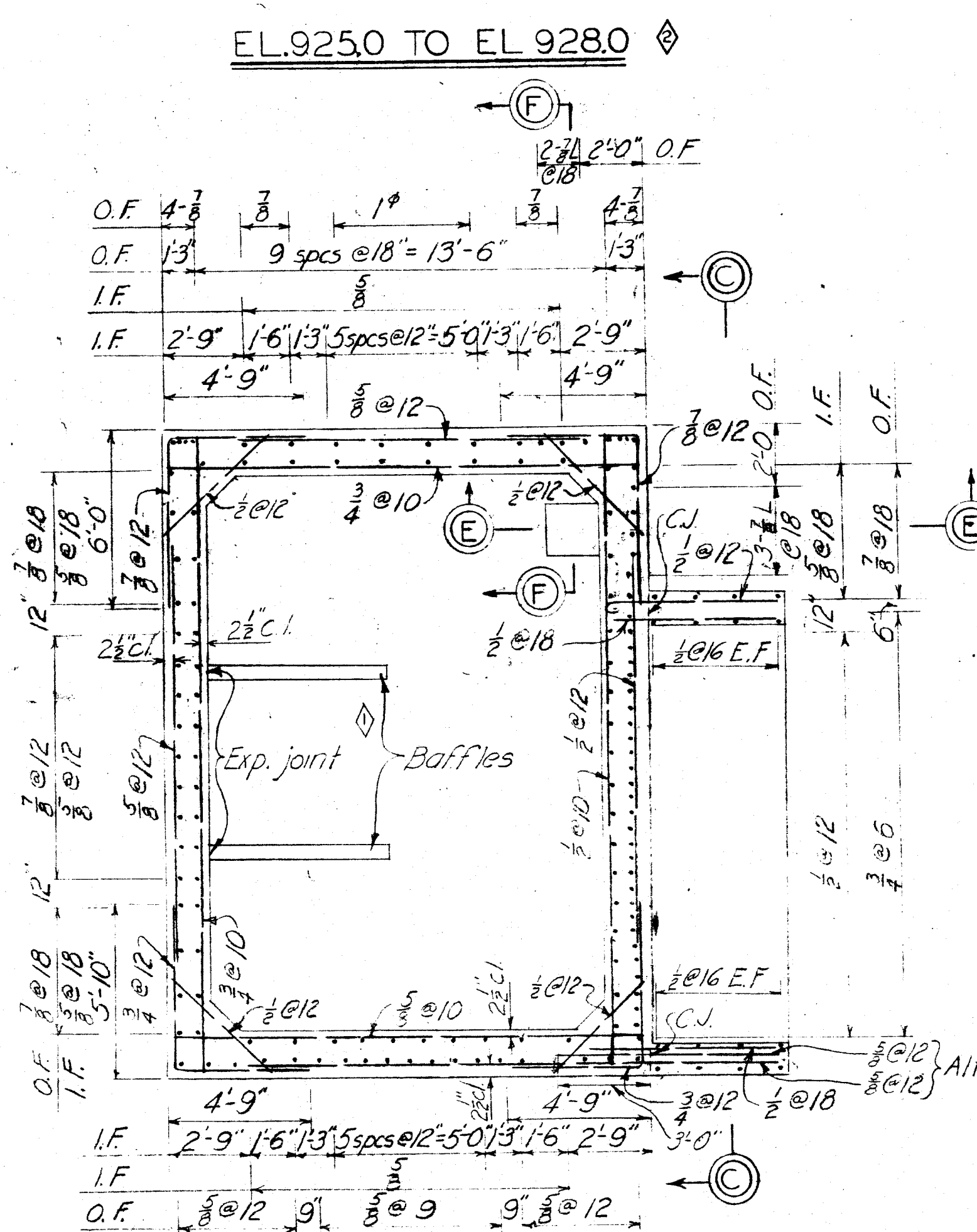
TRASH SCREEN HEADWALL

SCALE: 3/8" = 1'-0"

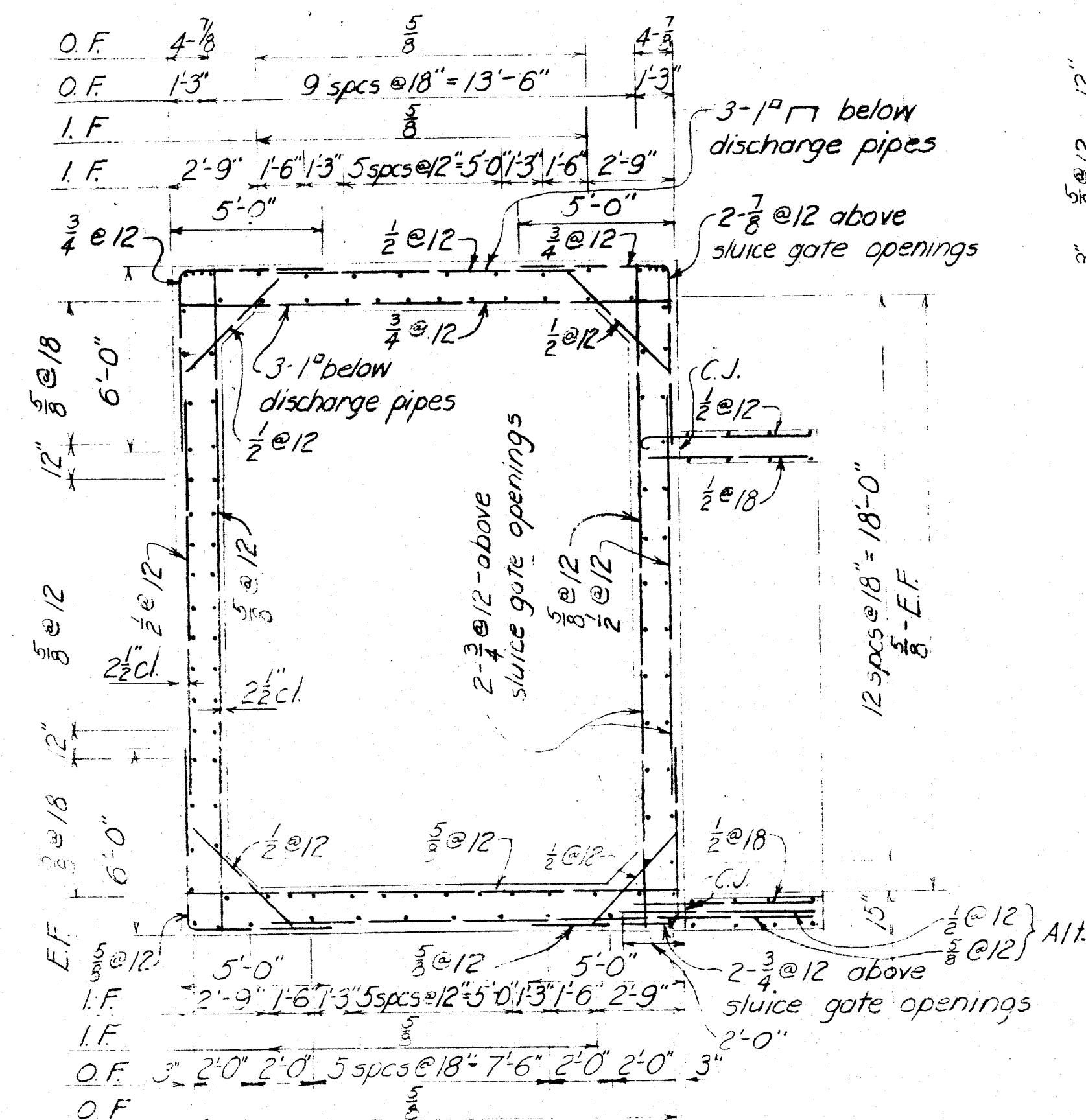


MOTOR FLOOR PLAN

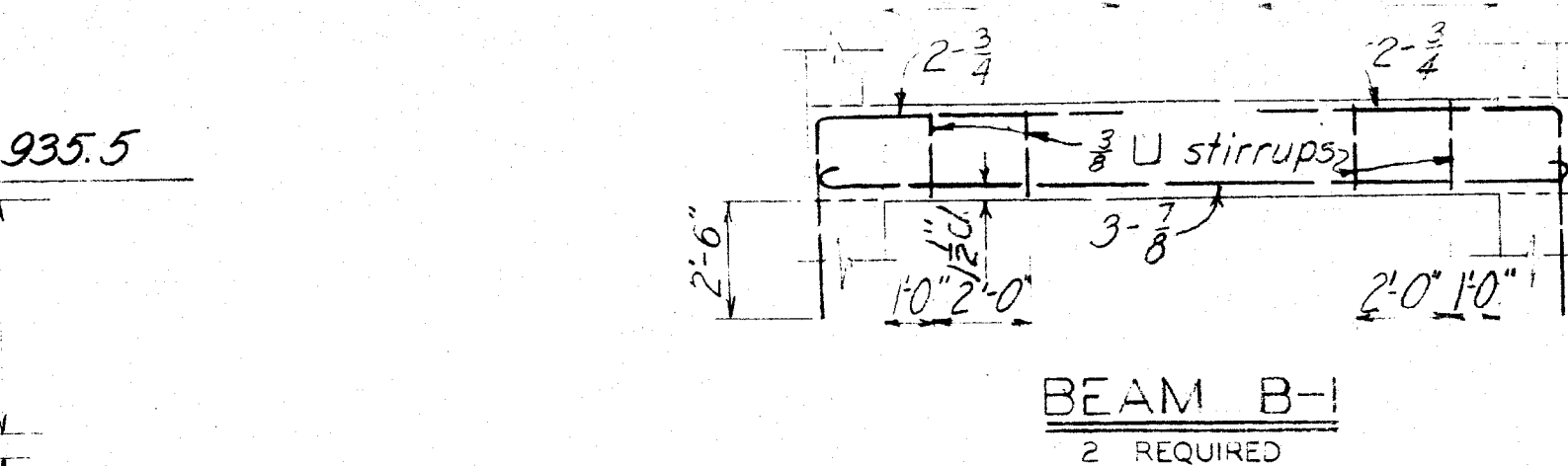
SCALE: 1/4" = 1'-0"



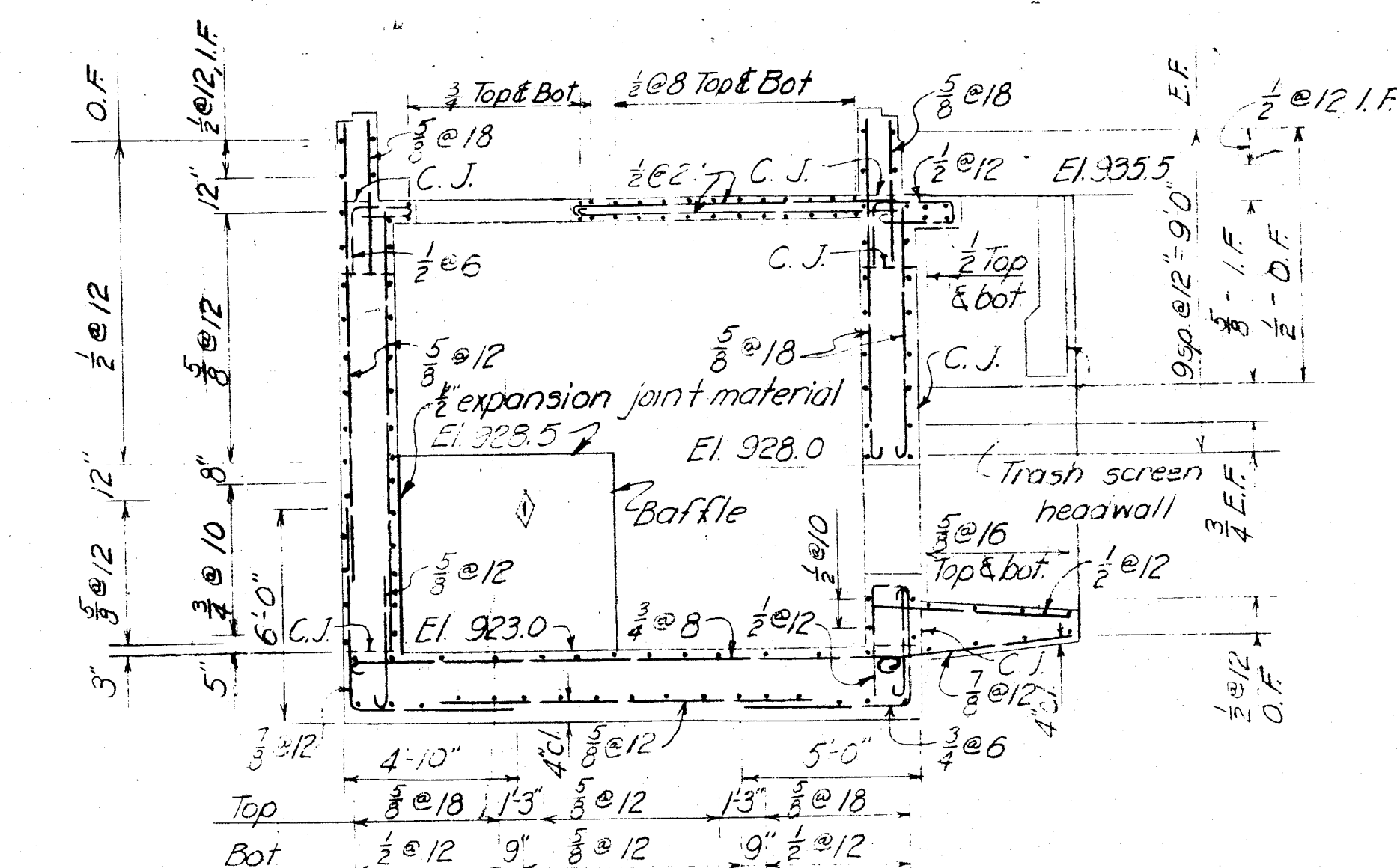
EL. 923.0 TO EL. 925.0



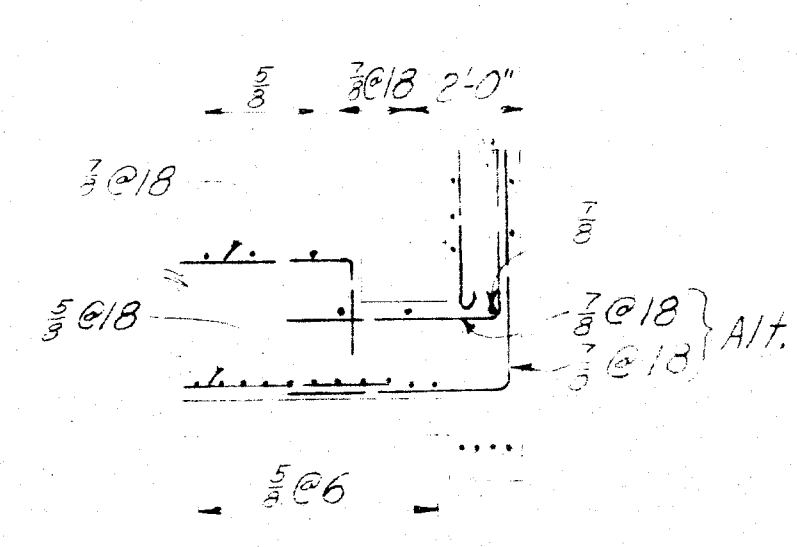
EL. 928.0 TO EL. 935.5



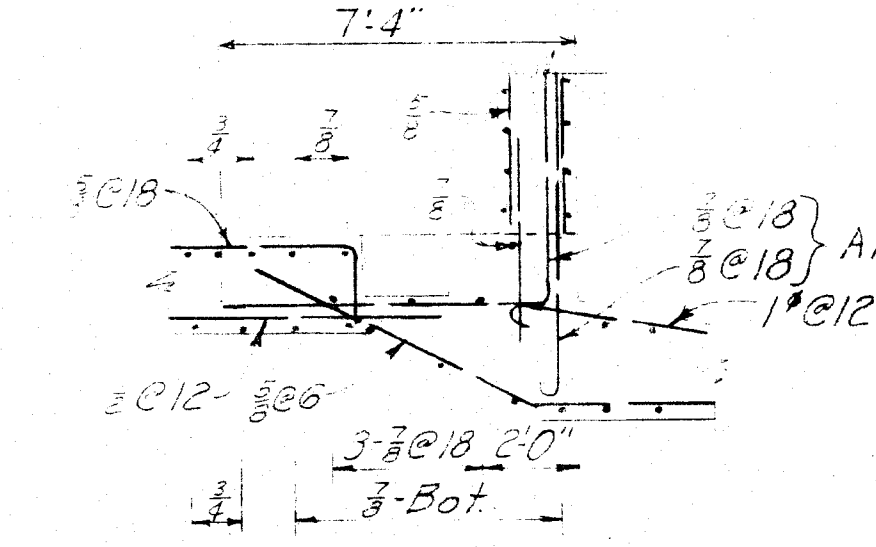
SECTION A-A



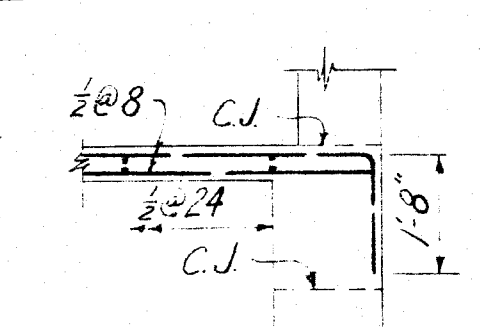
SECTION B-B



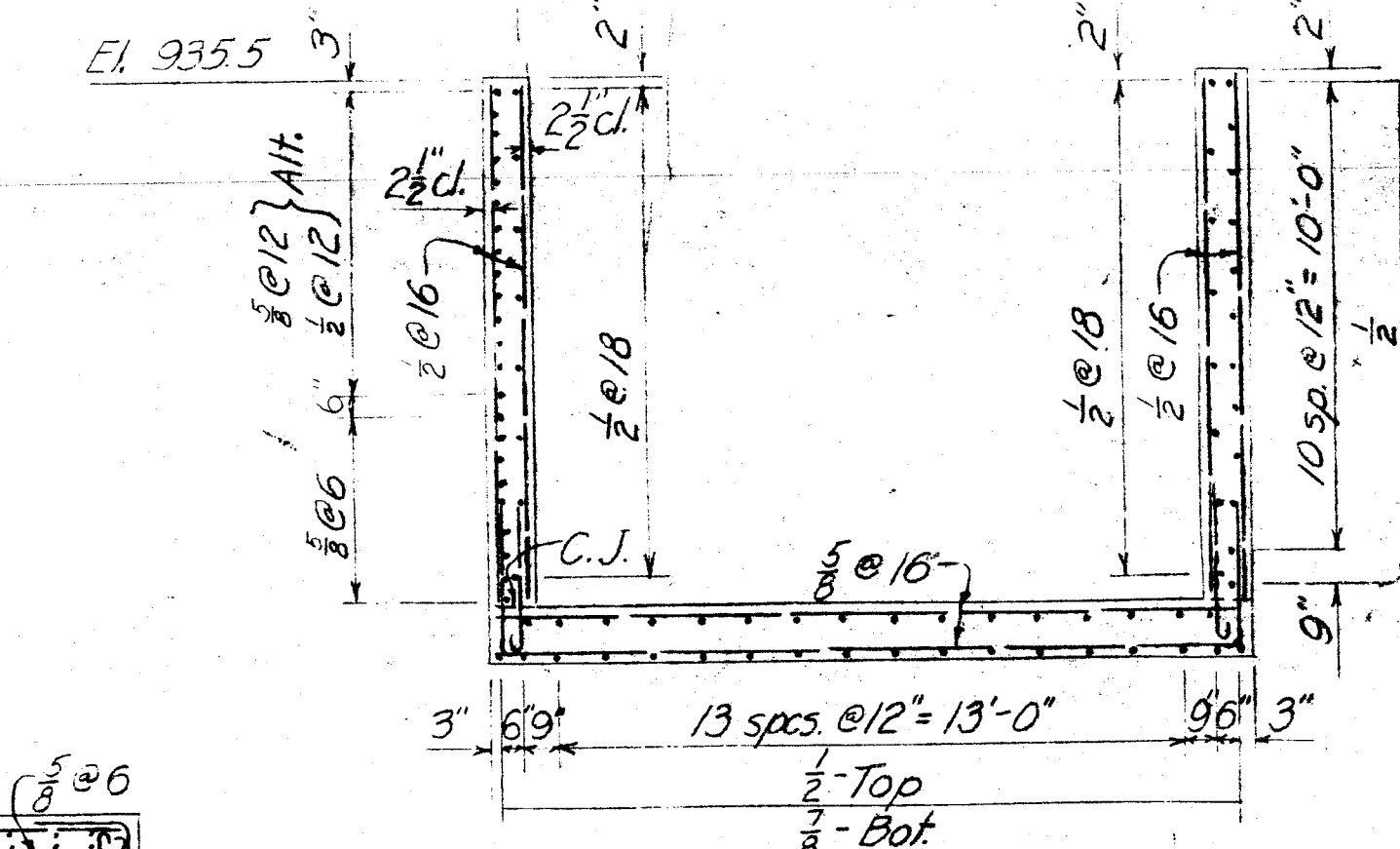
SECTION E-E



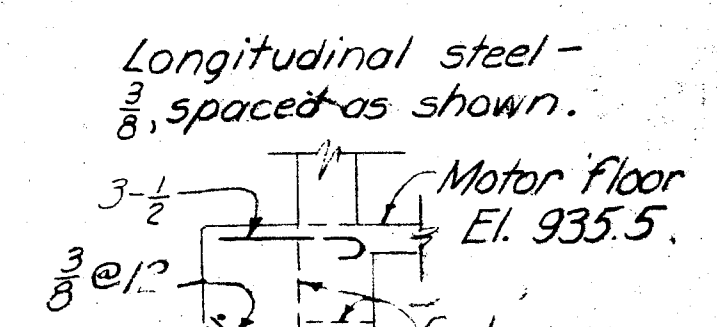
SECTION F-F



SECTION G-G



SECTION C-C



SECTION D-D

Place additional $\frac{5}{8}$ bars where wall steel does not come thru from below

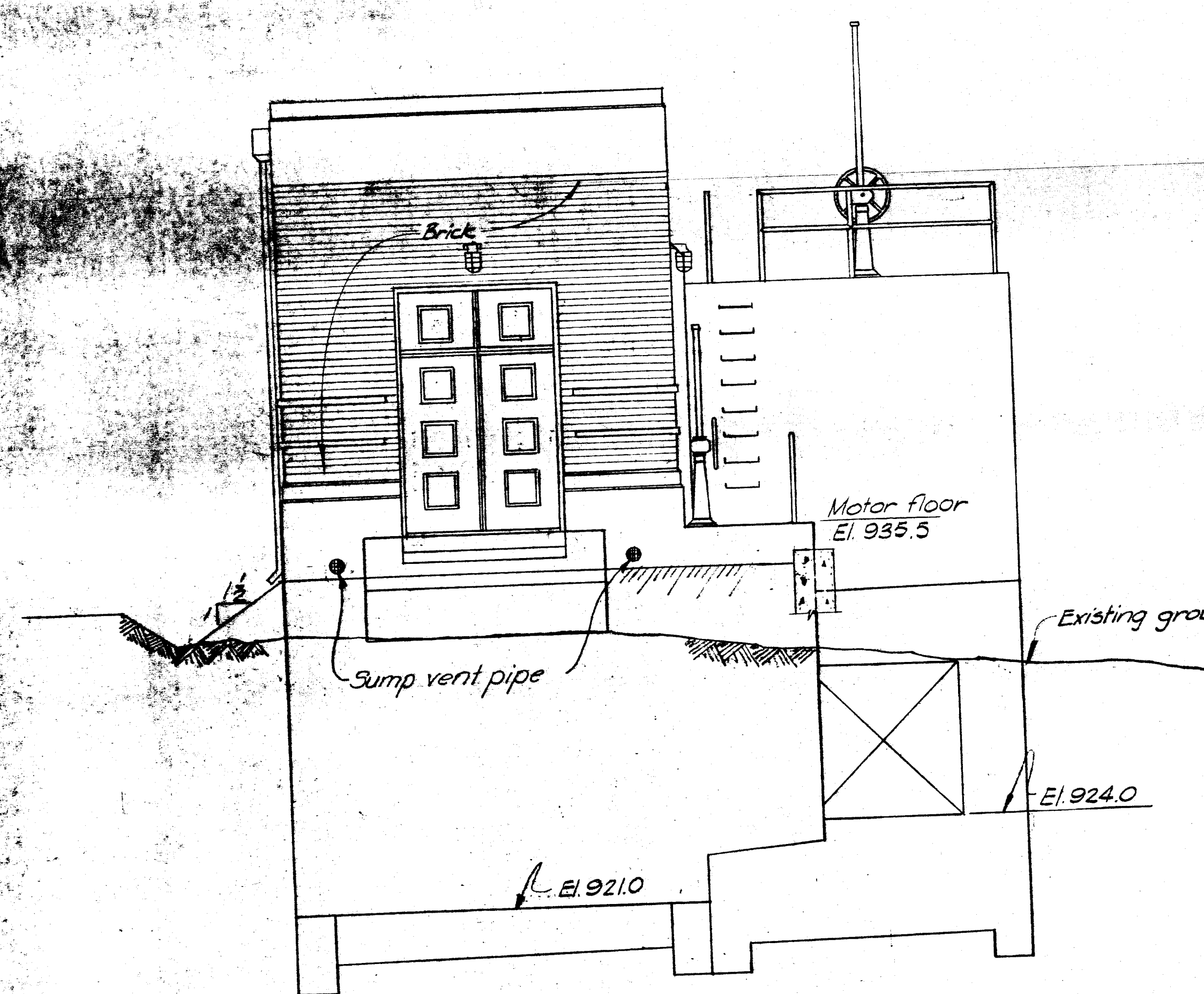
CORNER PIER

SCALE: 3/8" = 1'-0"

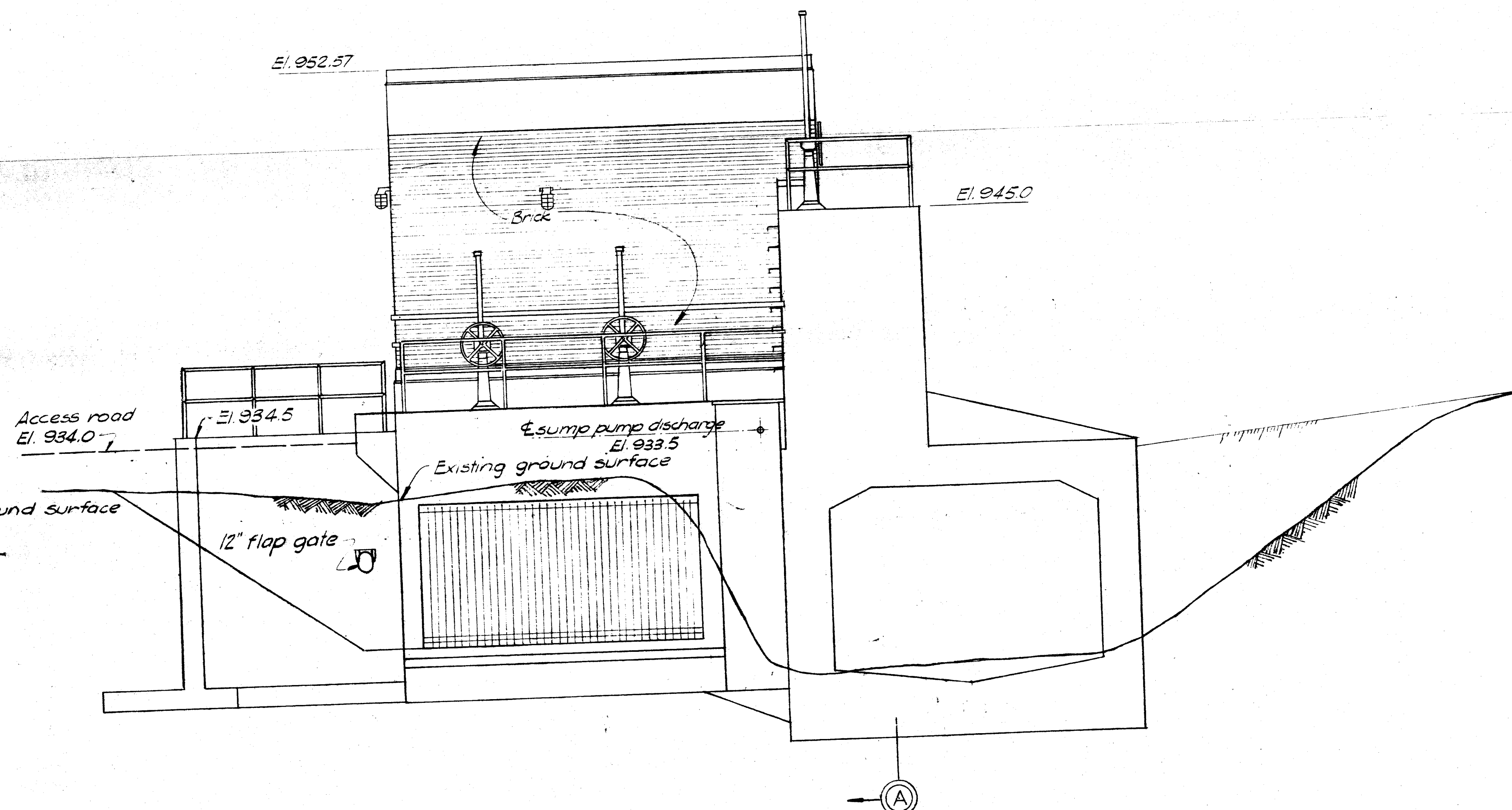
NOTES

For general notes, see Dwg. No. 51.1/4.
For masonry plans and sections, see Dwg. No. 51.3/3.
For additional reinforcing details, see Dwg. No. 51.3/5 & 51.3/6.

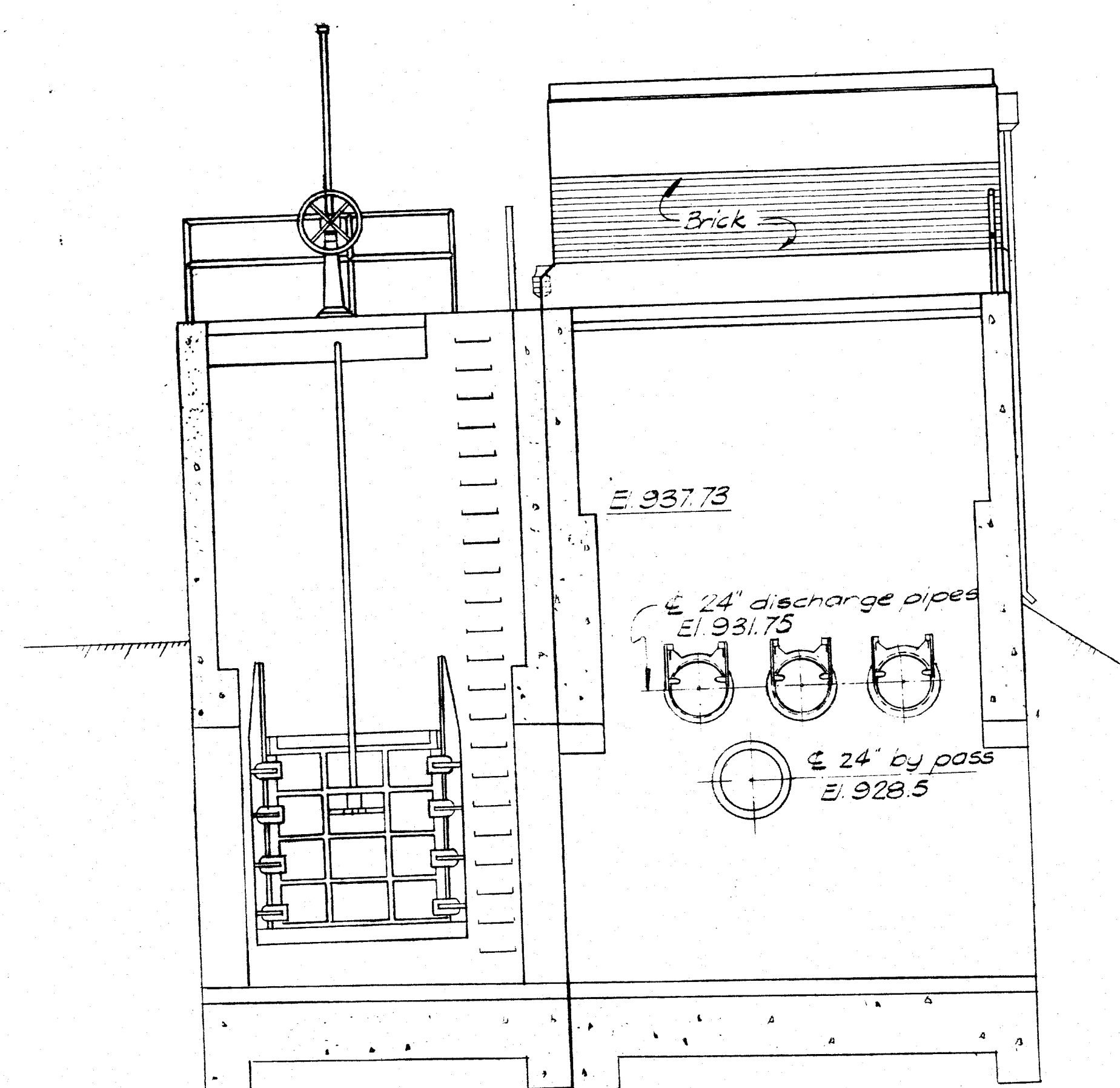
2-1-50	DELETED HOOKS AT HAUNCHED CORNERS-ADDENDUM NO. 2	K.S.B.
1-9-50	ADDED BAFFLES-ADDENDUM NO. 1	K.S.B.
REVISION	DATE	DESCRIPTION
CORPS OF ENGINEERS		
OFFICE OF THE DISTRICT ENGINEER		
HUNTINGTON, W. VA.		
TUSCARAWAS RIVER		
LOCAL PROTECTION PROJECT		
MASSILLON, OHIO		
SIPO CREEK PUMP STATION		
REINFORCING DETAILS		
DRAWN BY:	E.S.W.	
TRACED BY:	F.W.L.	
CHECKED BY:	H.D.G.-M.W.W.	
SUBMITTED BY:	Mr. [Signature]	
APPROVED:	Mr. [Signature]	
CHIEF ENGR. ASST.		
APPROVED FOR:		
DATE:		
DATE:	DEC. 1949	
SCALE:	1/4" = 1'-0"	
DRAWING NUMBER	0271-PM-51.3/4	
SHEET	20 OF 42	



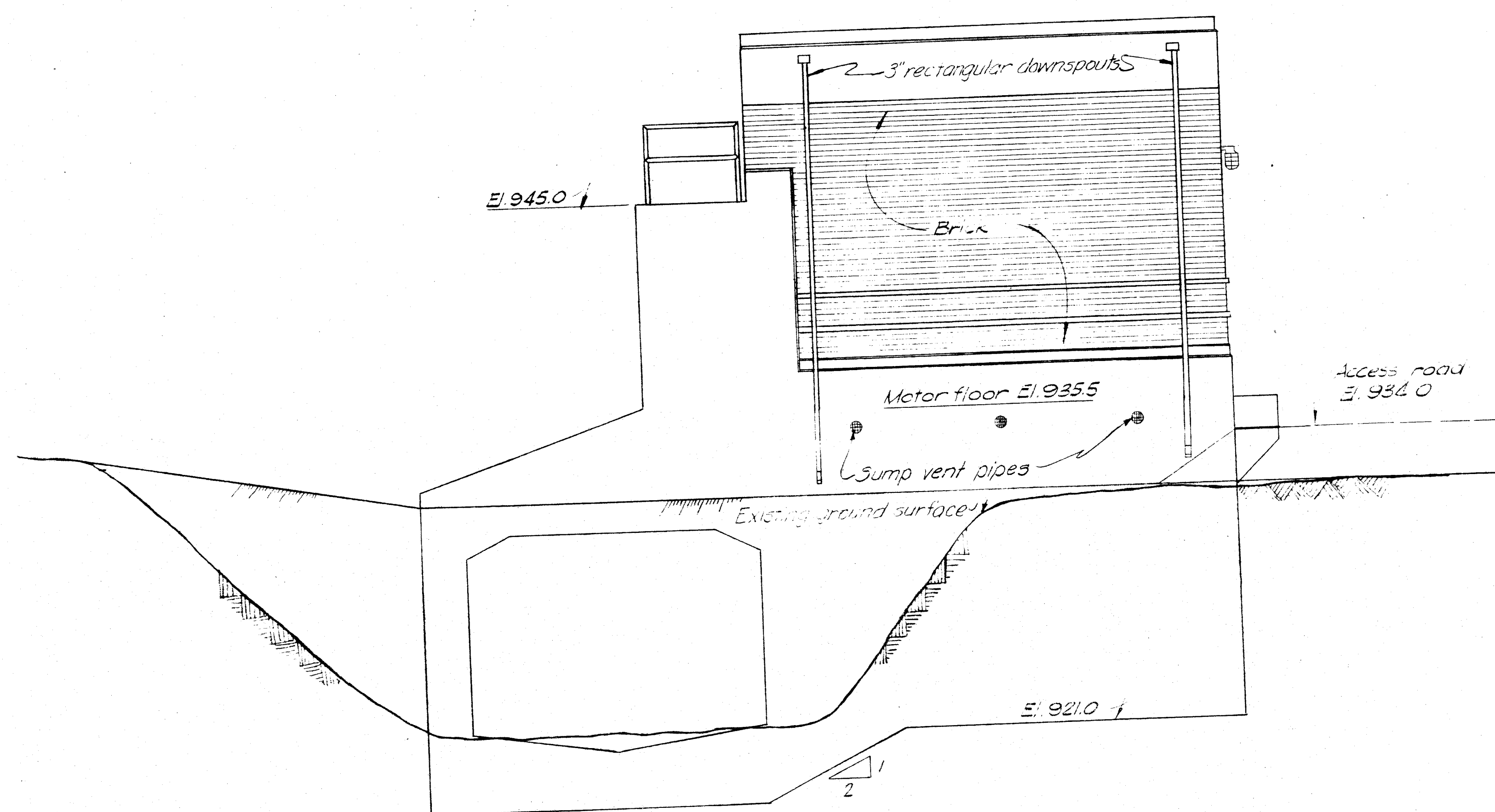
DOWNSTREAM ELEVATION



LANDWARD ELEVATION



SECTION A-A

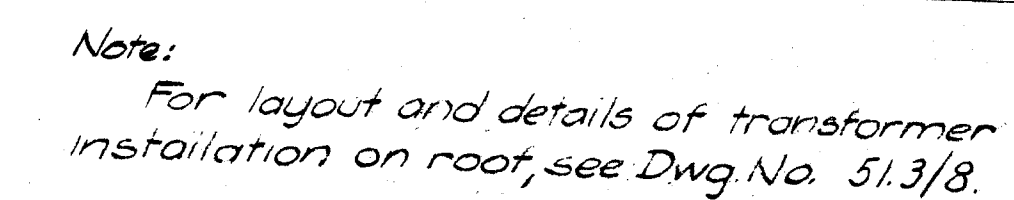
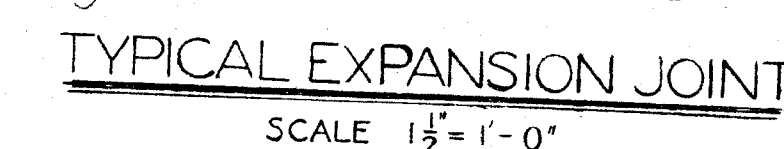
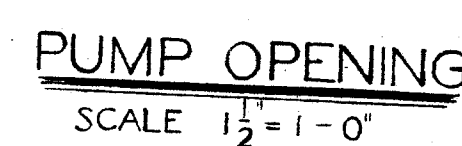
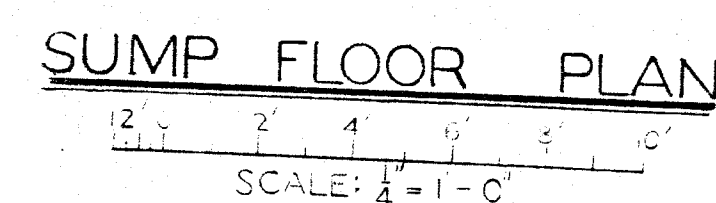


RIVERWARD ELEVATION

NOTES

For plans and sections, see Dwg. No. 51.3/3.
For architectural and miscellaneous metal details, see Dwg. No. 51.5/1, 51.5/2 & 51.5/3.
Electrical equipment on roof of pump station not shown. For details, see Dwg. No. 51.3/8

CORPS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.			
TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPPO CREEK PUMP STATION ELEVATIONS			
DRAWN BY: E.S.W.	CHECKED BY: L.L.L.-M.W.W.	APPROVED: COL. C.E. JOHNSON DISTRICT ENGINEER	DATE: DEC. 1949
TRACED BY: G.W.T.	SUBMITTED BY: M. L. L. - M. W. W.	SCALE: 1" = 1'-0"	SPEC. NO.
DRAWING NUMBER 0271-PM-51.3/2		SHEET 24 OF 42	

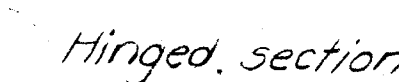


ROOF PLAN

NOTES

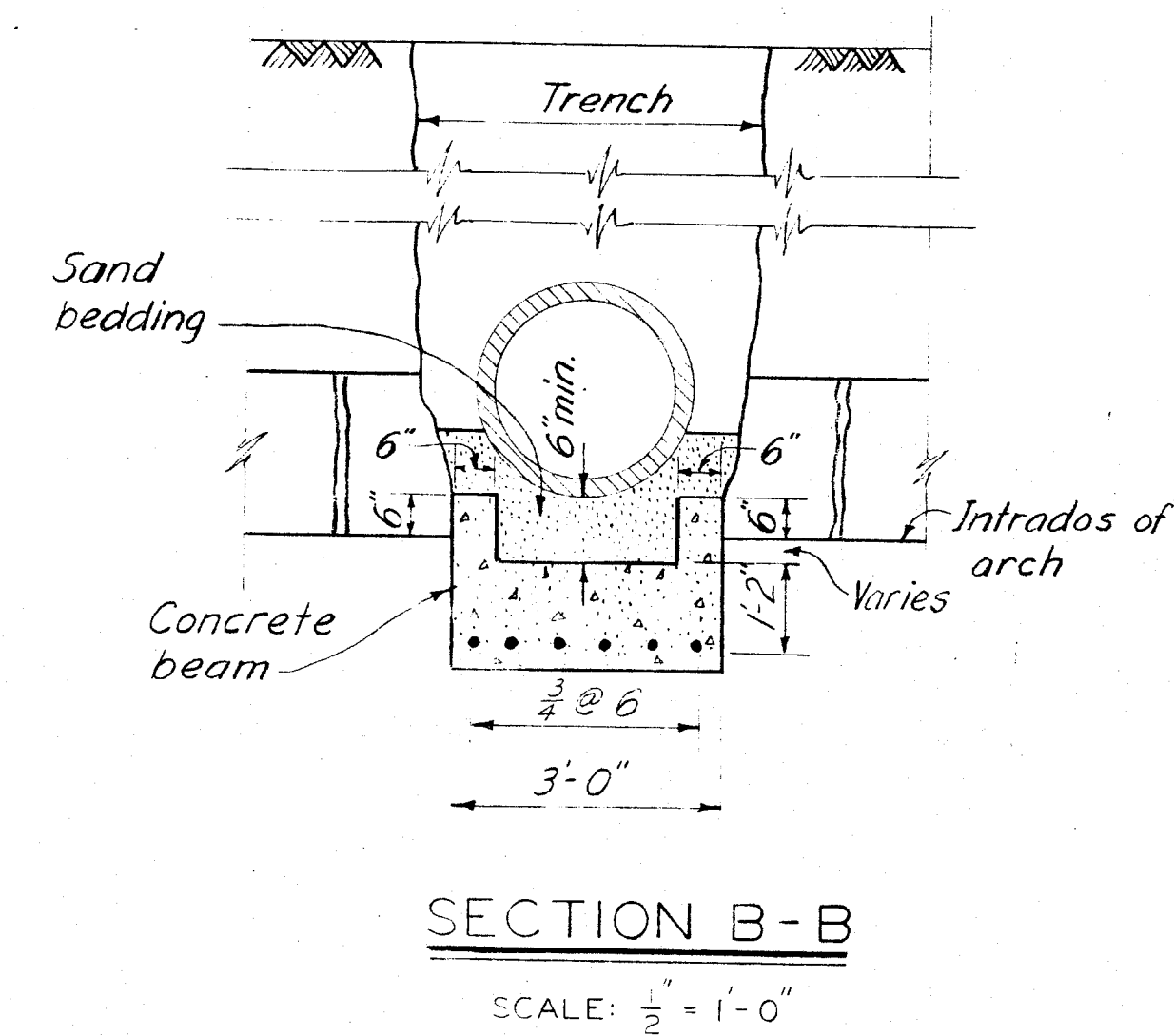
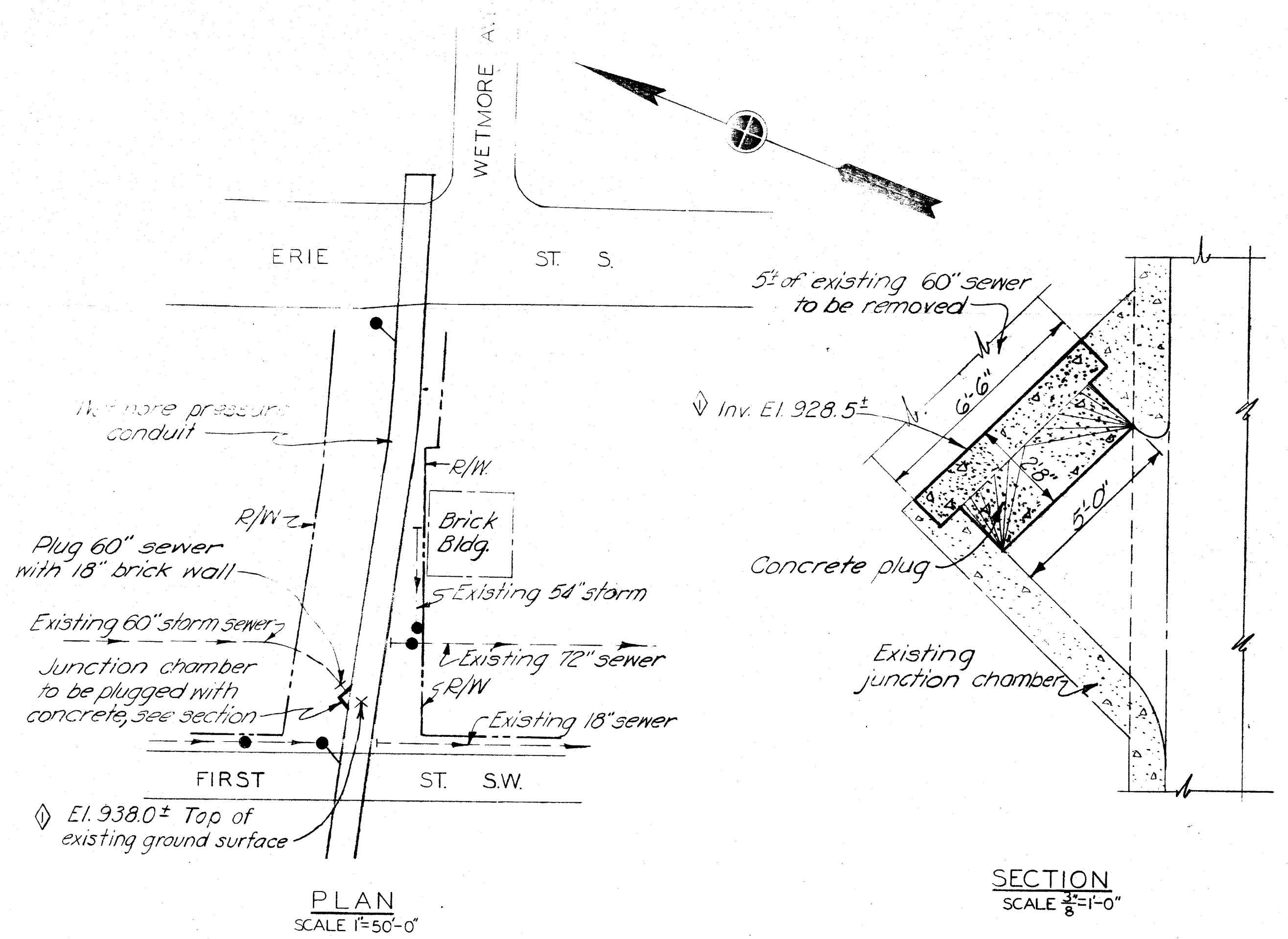
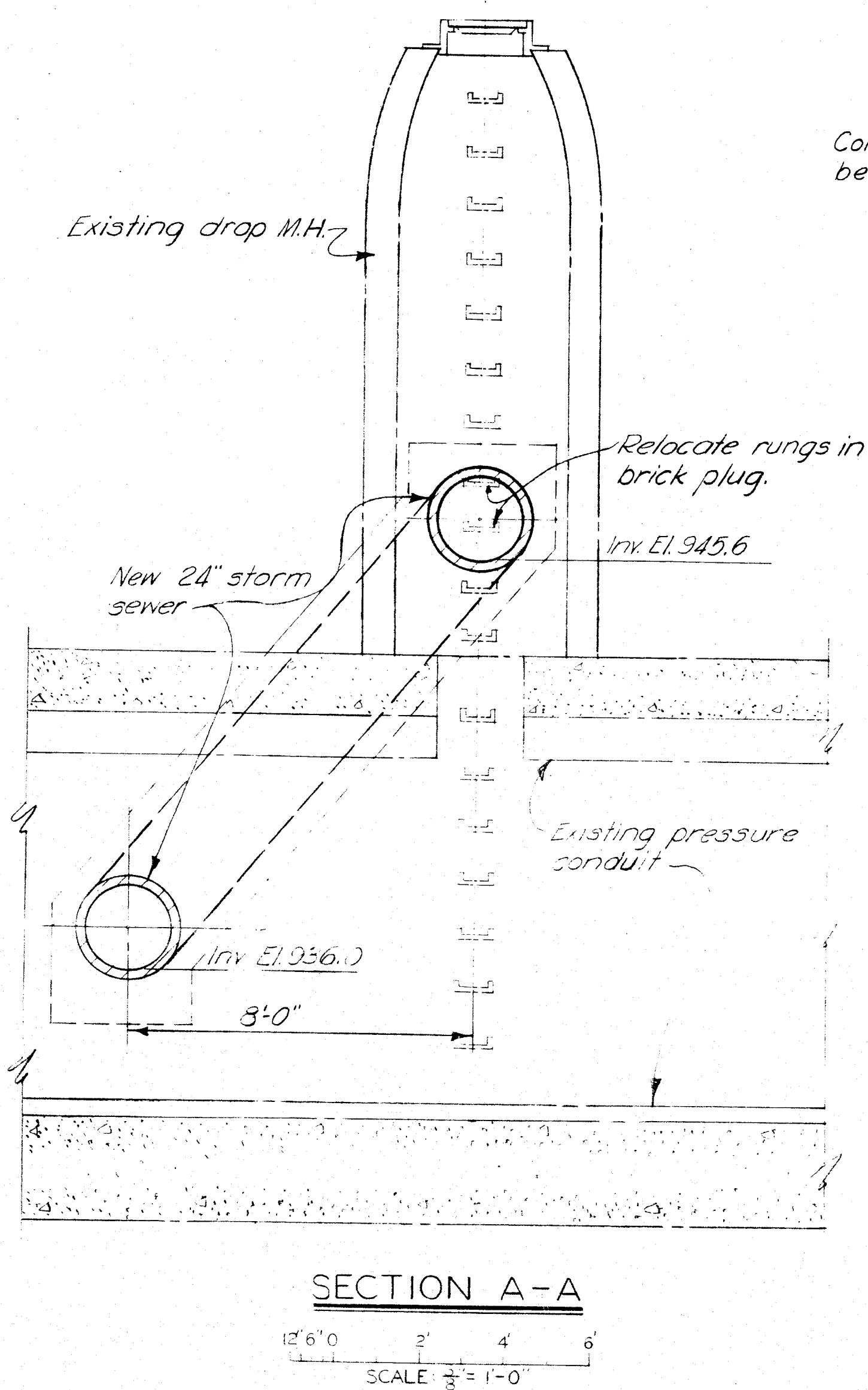
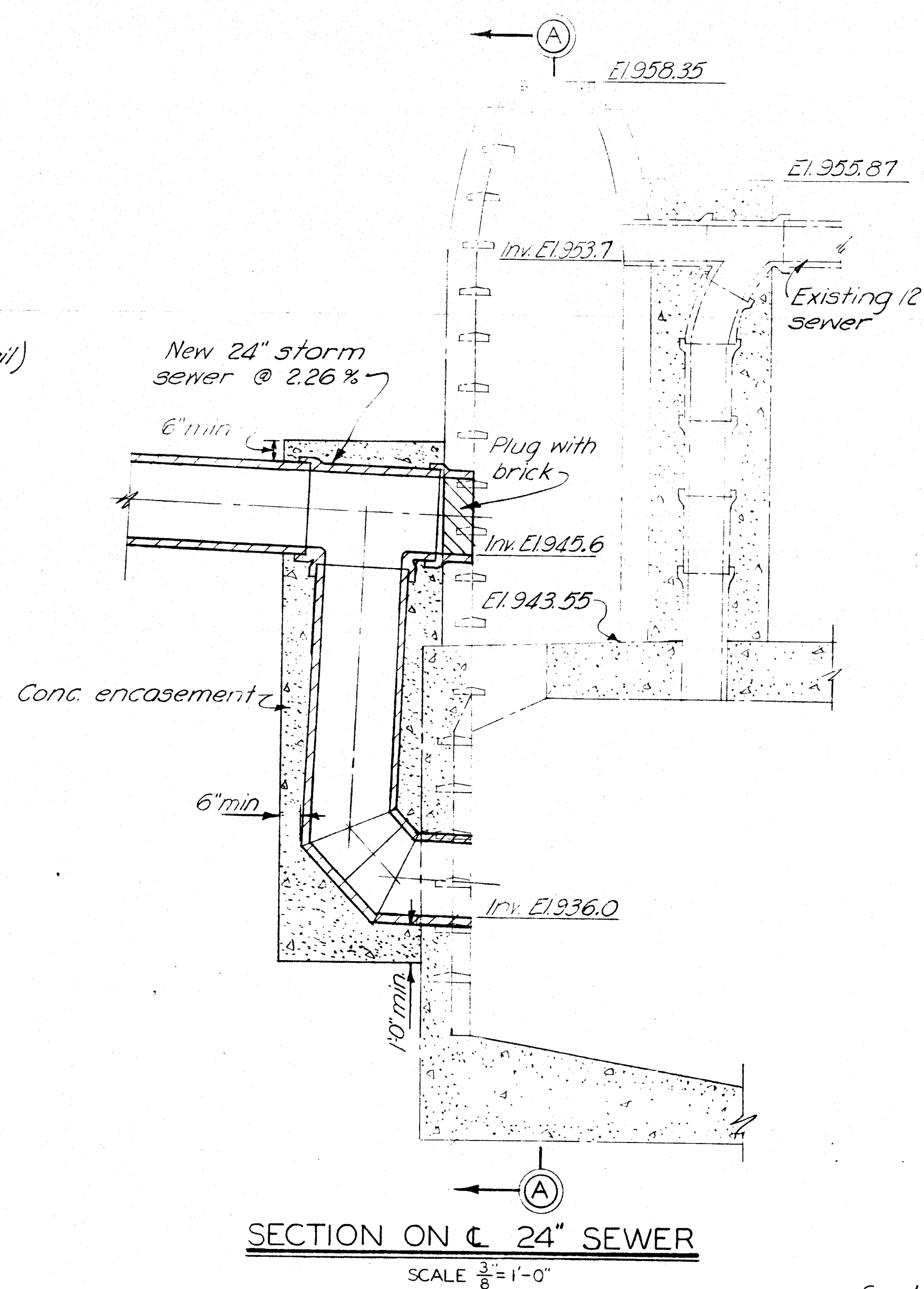
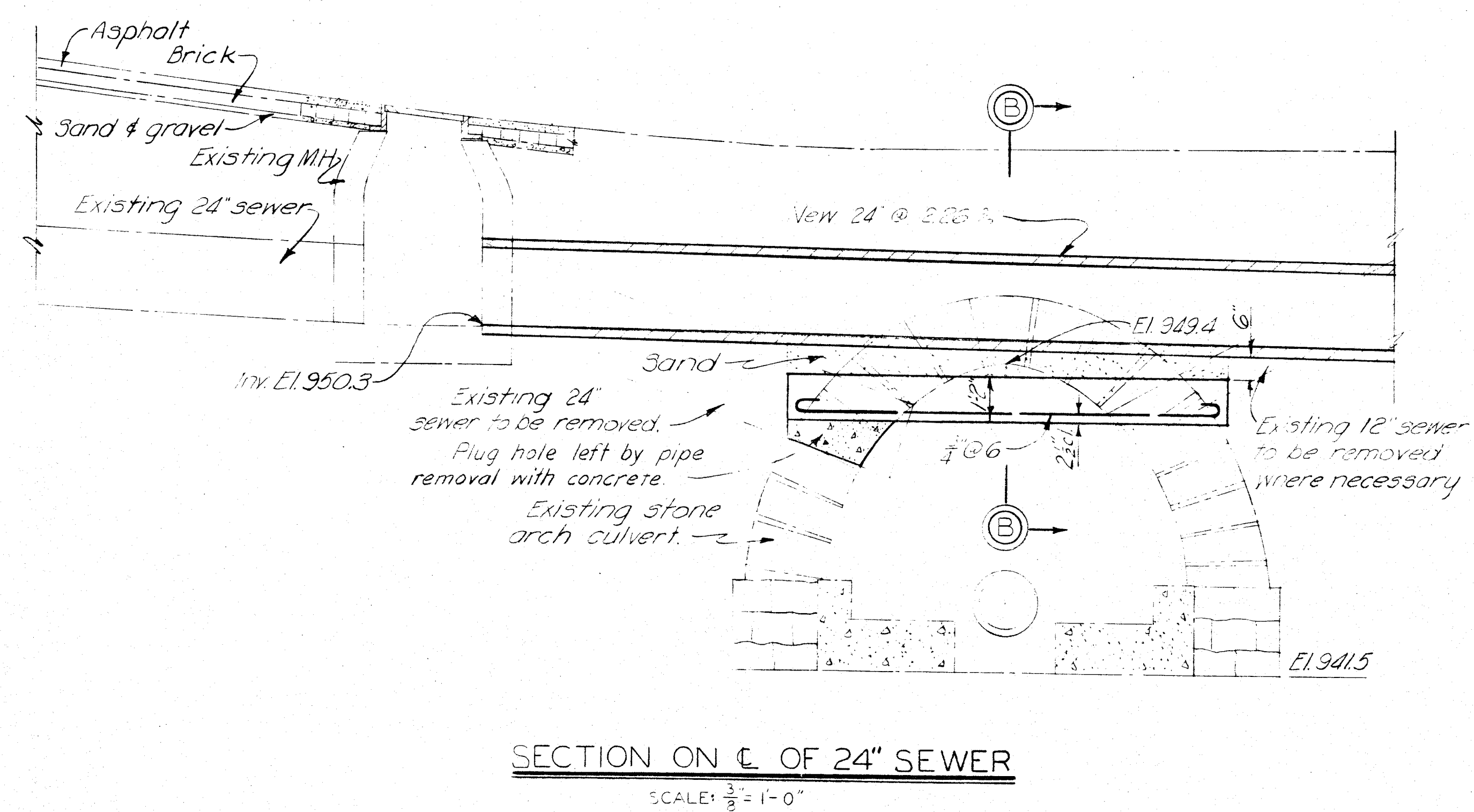
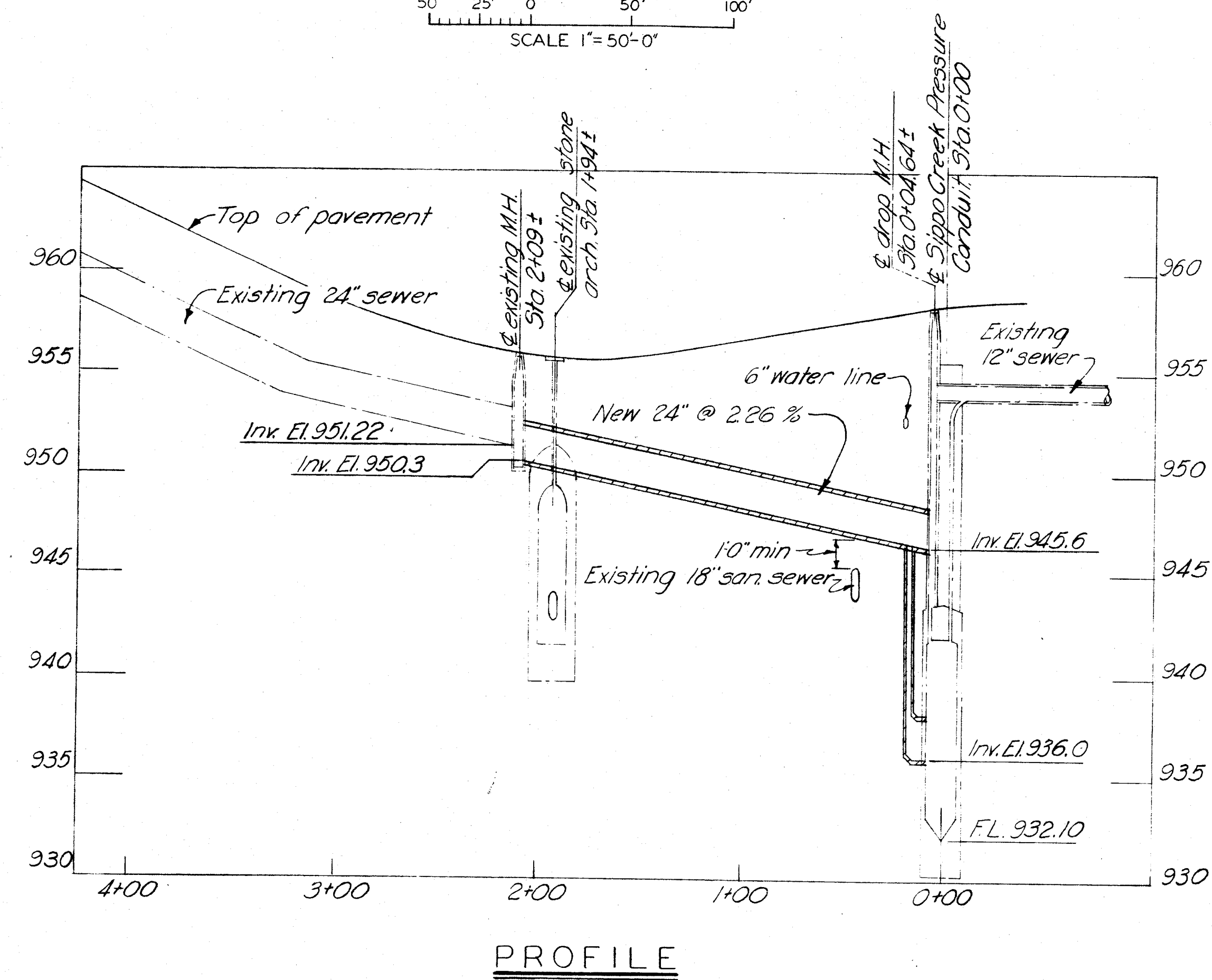
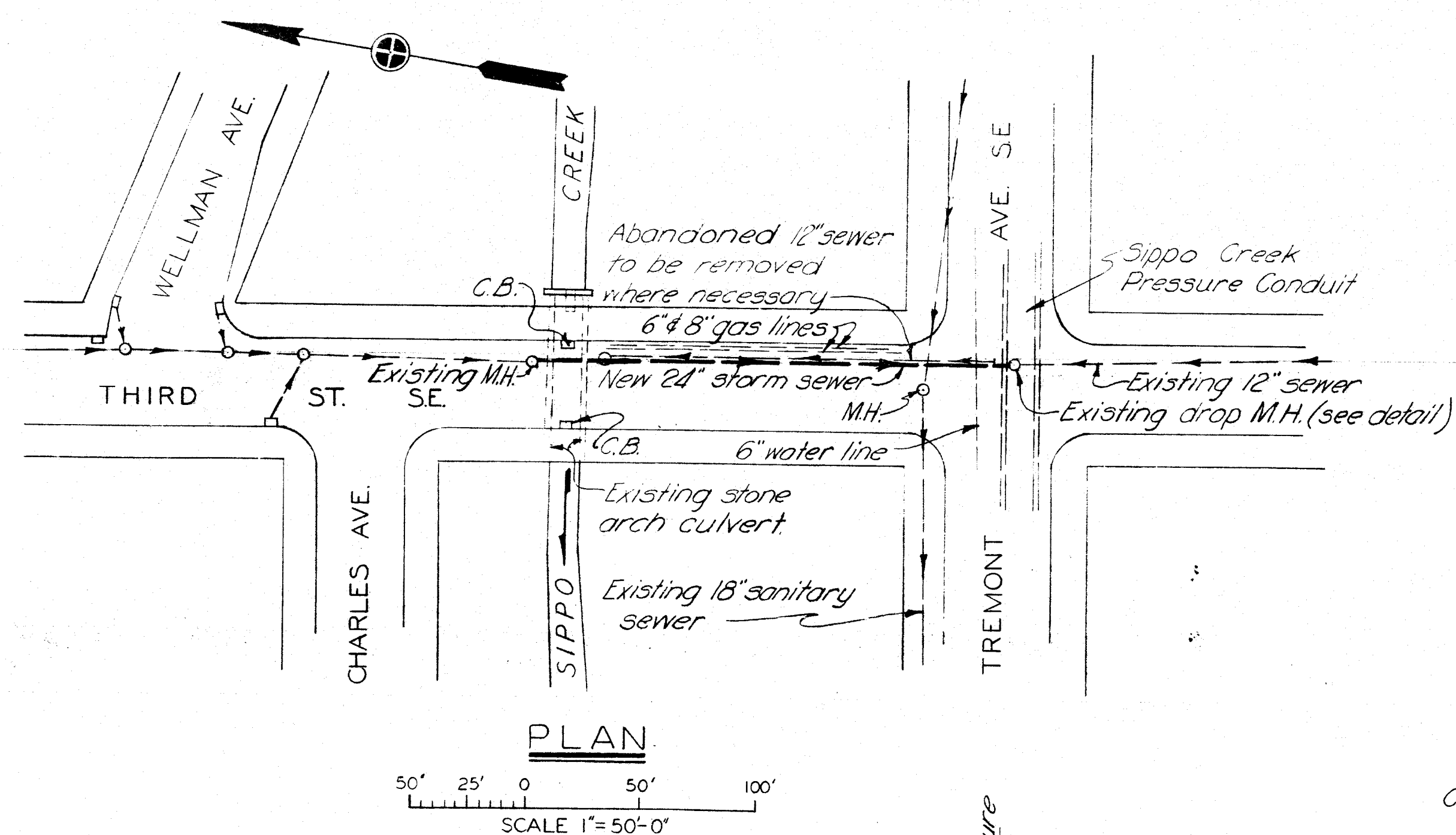
NOTES

For location plan, see Dwg. No. 513/1.
For mechanical equipment; see Dwg. No. 513/7.
For electrical equipment, see Dwg. No. 513/8.
For architectural & miscellaneous metal details,
see Dwg. No. 515/1, 515/2, & 515/3.
Provide 1" chamfer on all exposed concrete edges
or corners unless otherwise shown or noted.

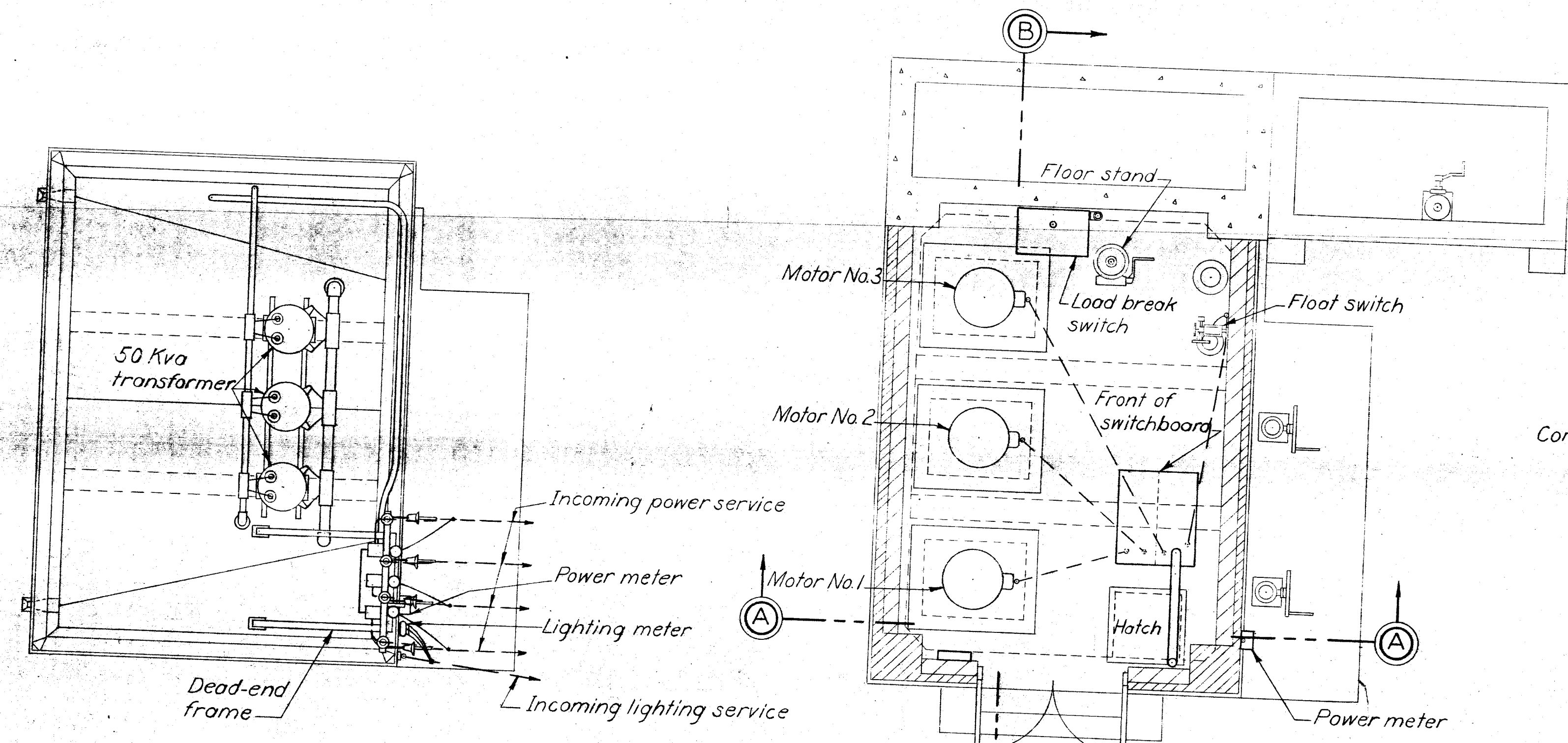


MOTOR FLOOR PLAN
SHOWING GRATING, HATCH COVER
PIPE SLEEVES, AND ANCHOR F

Z-1-50		ACDED RAFFLES - ADDRESS NO. 1		K.S.B.	
REVISION	DATE	DESCRIPTION			BY
CORPS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.					
DRAWN BY: E. S.W.		TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPO CREEK PUMP STATION PLANS & SECTIONS APPROVED: <i>H. J. Johnson</i> COL. C. H. DISTRICT ENGINEER			
TRACED BY: G.W.T.					
CHECKED BY: L.L.L.-M.W.W.					
SUBMITTED BY: <i>John Smith</i> CHIEF ENG. DIV.					
APPROVED: <i>John Smith</i> CHIEF ENG. ASST.					
FOR:		DATE: DEC. 1949		SCALE: $\frac{1}{4} = 1'-0"$	
				DRAWING NUMBER 0271-PM-513/3 SHEET 25 OF 42	

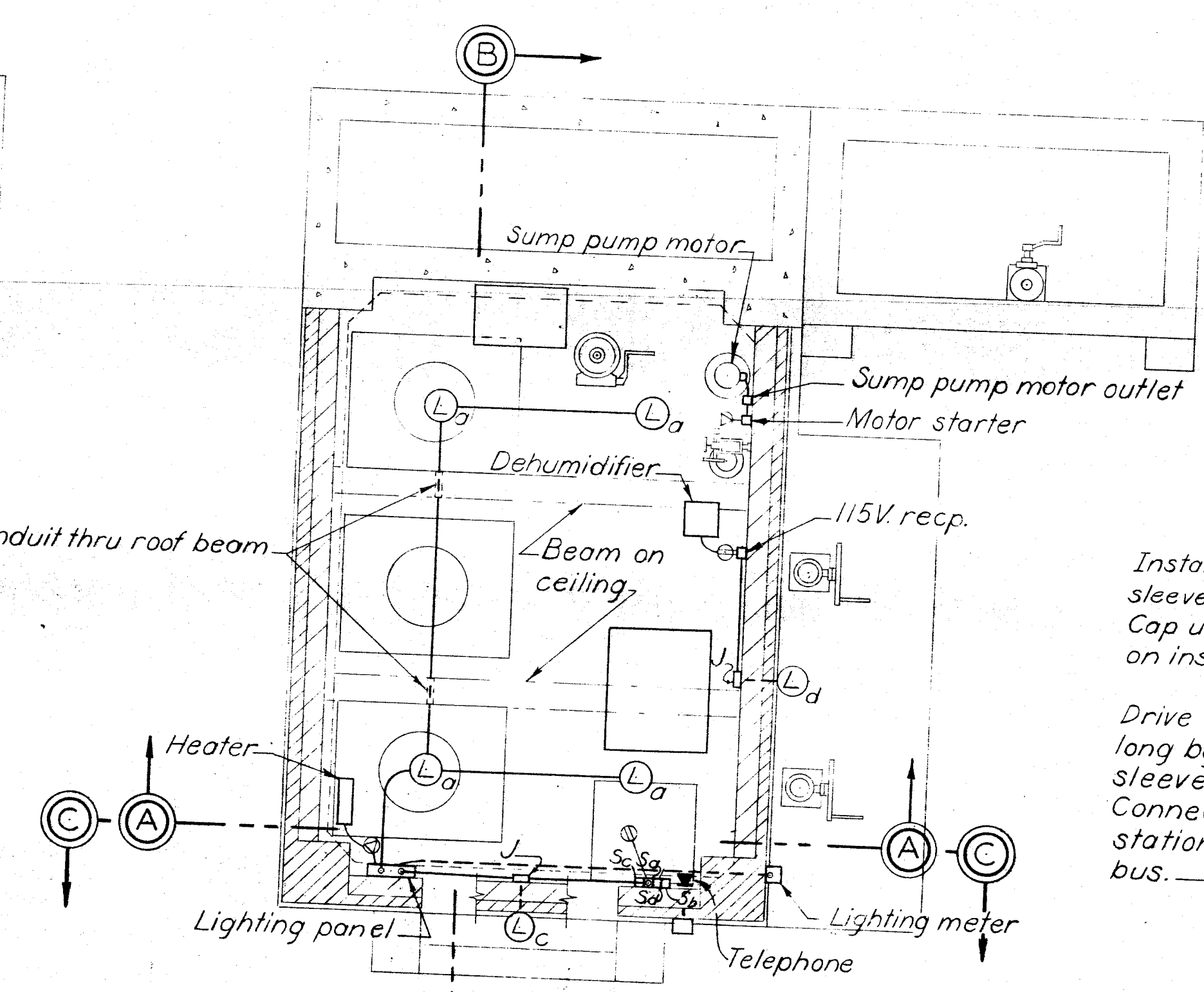


2-1-50	ADDED ELEVATIONS OF TOP OF GROUND AND INVERT OF SEWER - ADDENDUM NO. 1	K.S.B.
REVISION DATE	DESCRIPTION	BY
CORPS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.		
TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPPO CREEK PUMP STATION ALTERATIONS		
DRAWN BY: E.W.H.-L.L.L.	DATE: DEC. 1949	
TRACED BY: L.L.L.	SPEC. NO.	
CHECKED BY: M.D.-M.W.W.	DRAWING NUMBER -513/9	

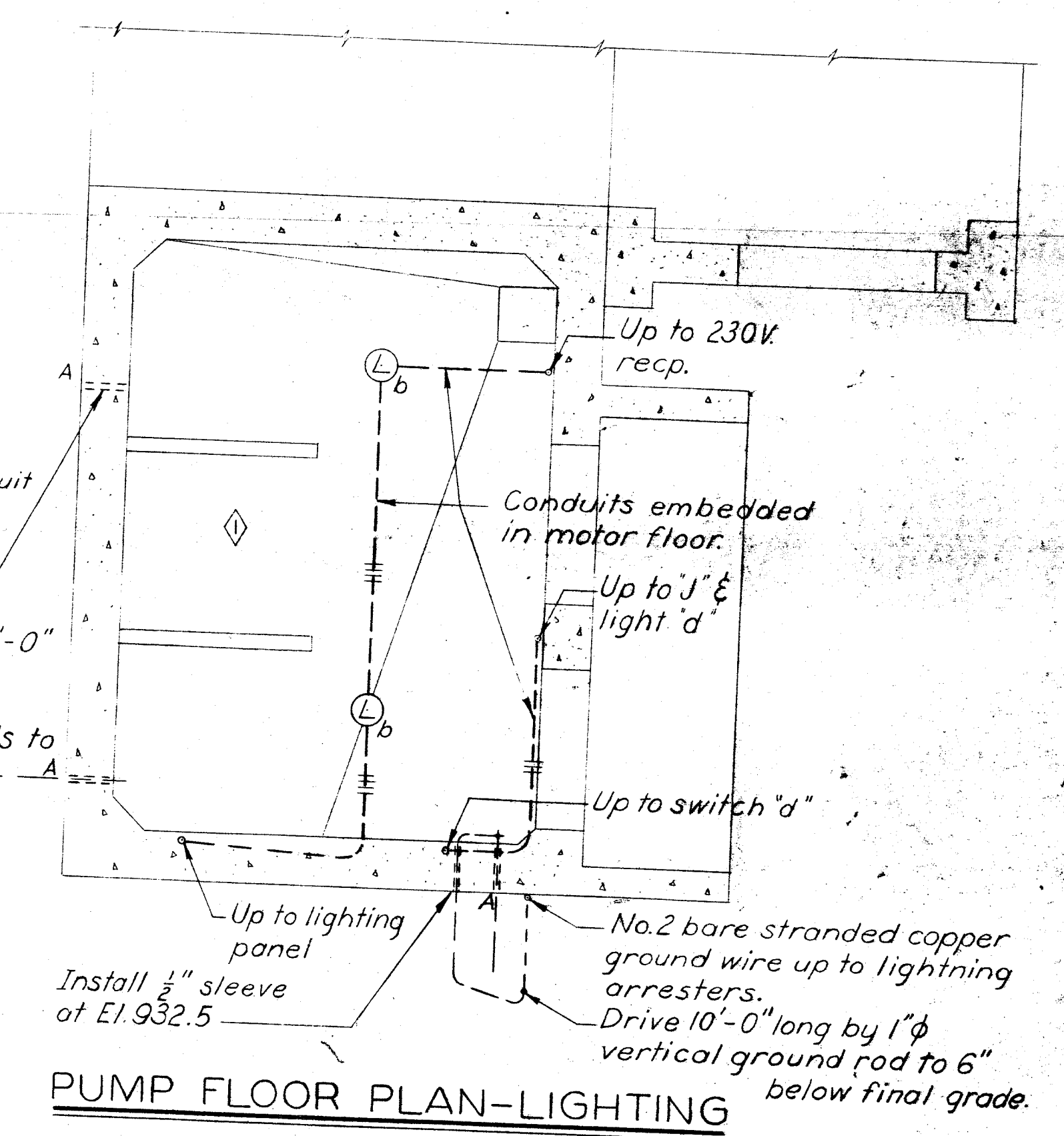


ROOF PLAN

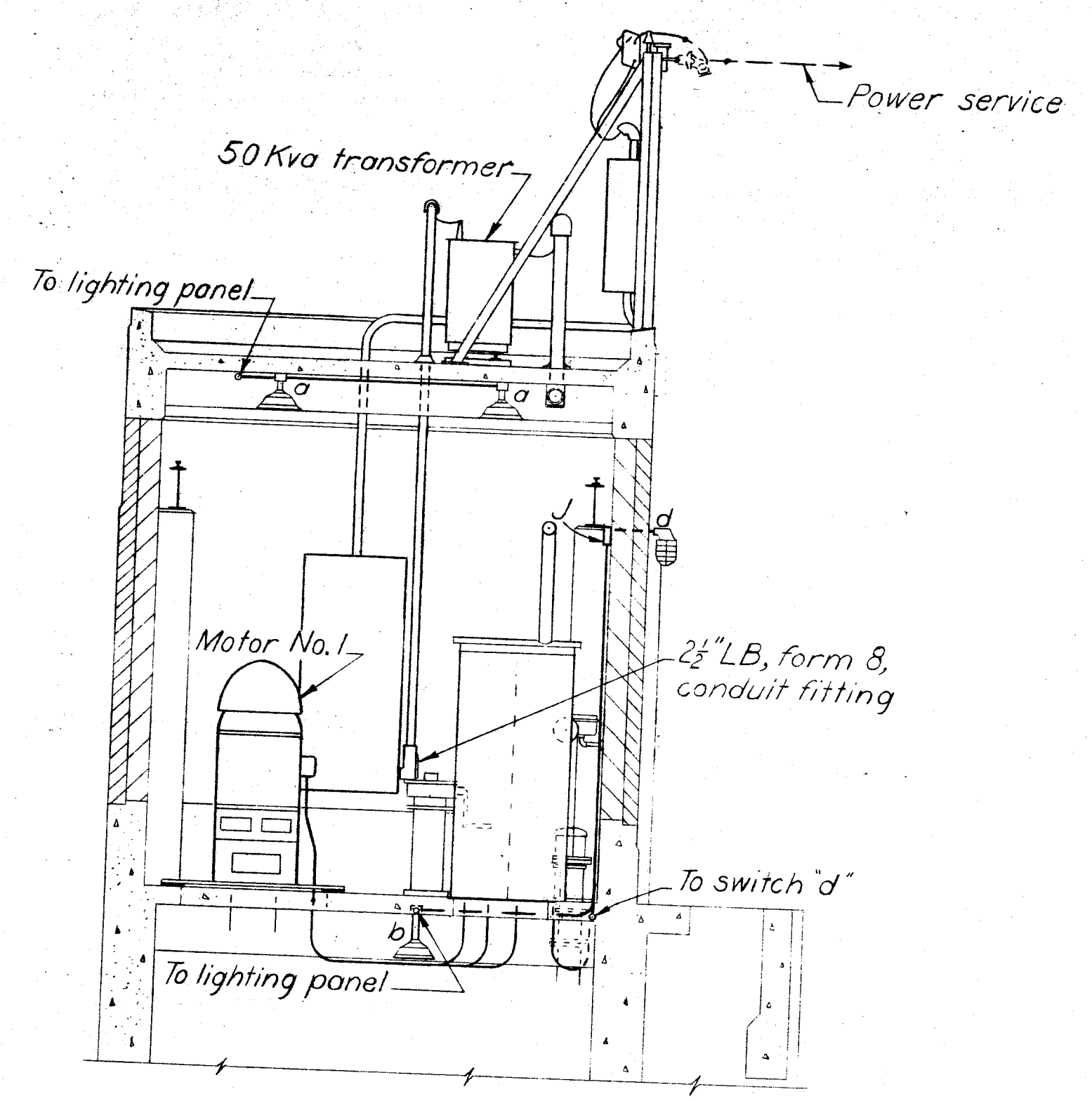
MOTOR FLOOR PLAN-POWER



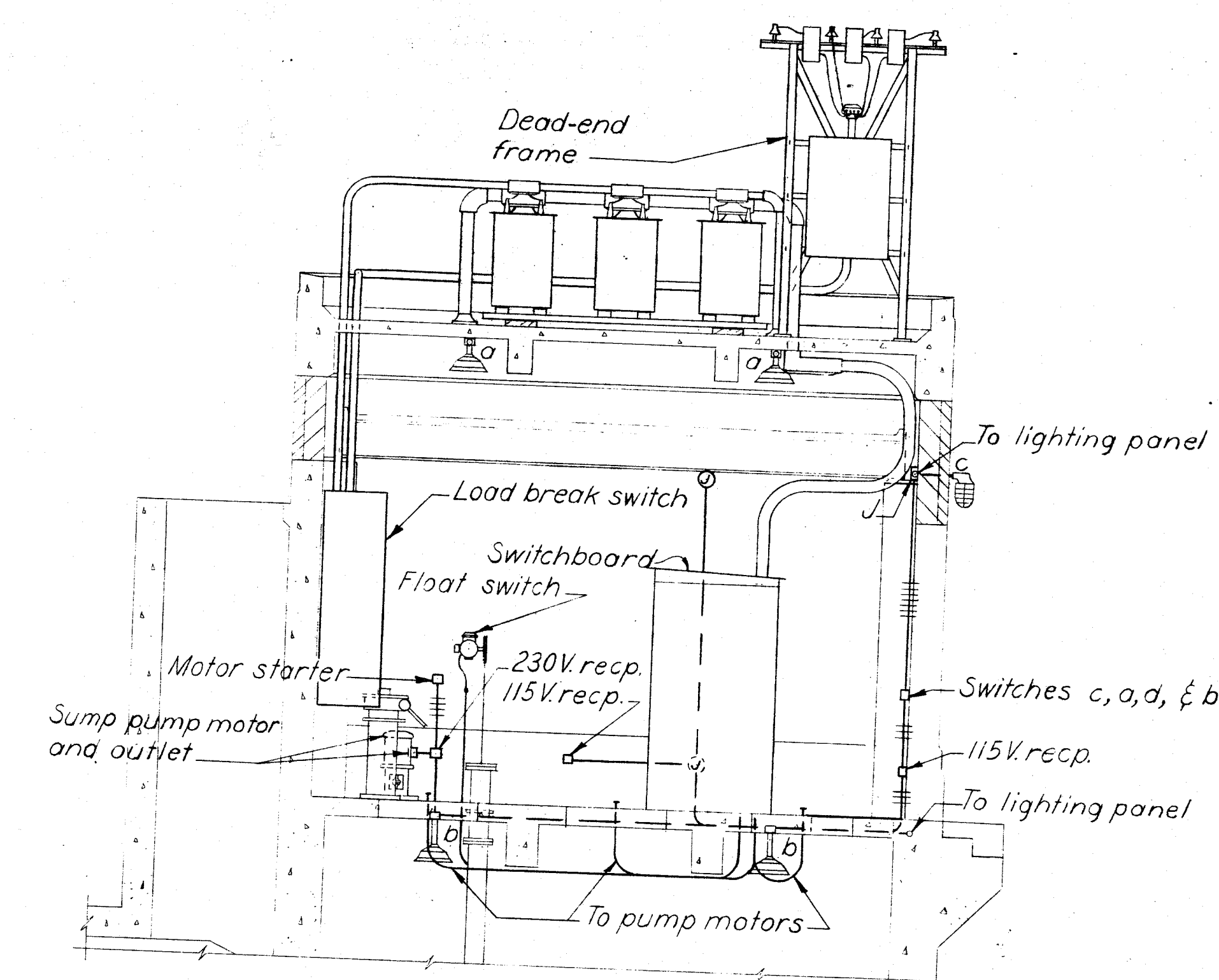
MOTOR FLOOR PLAN-LIGHTING



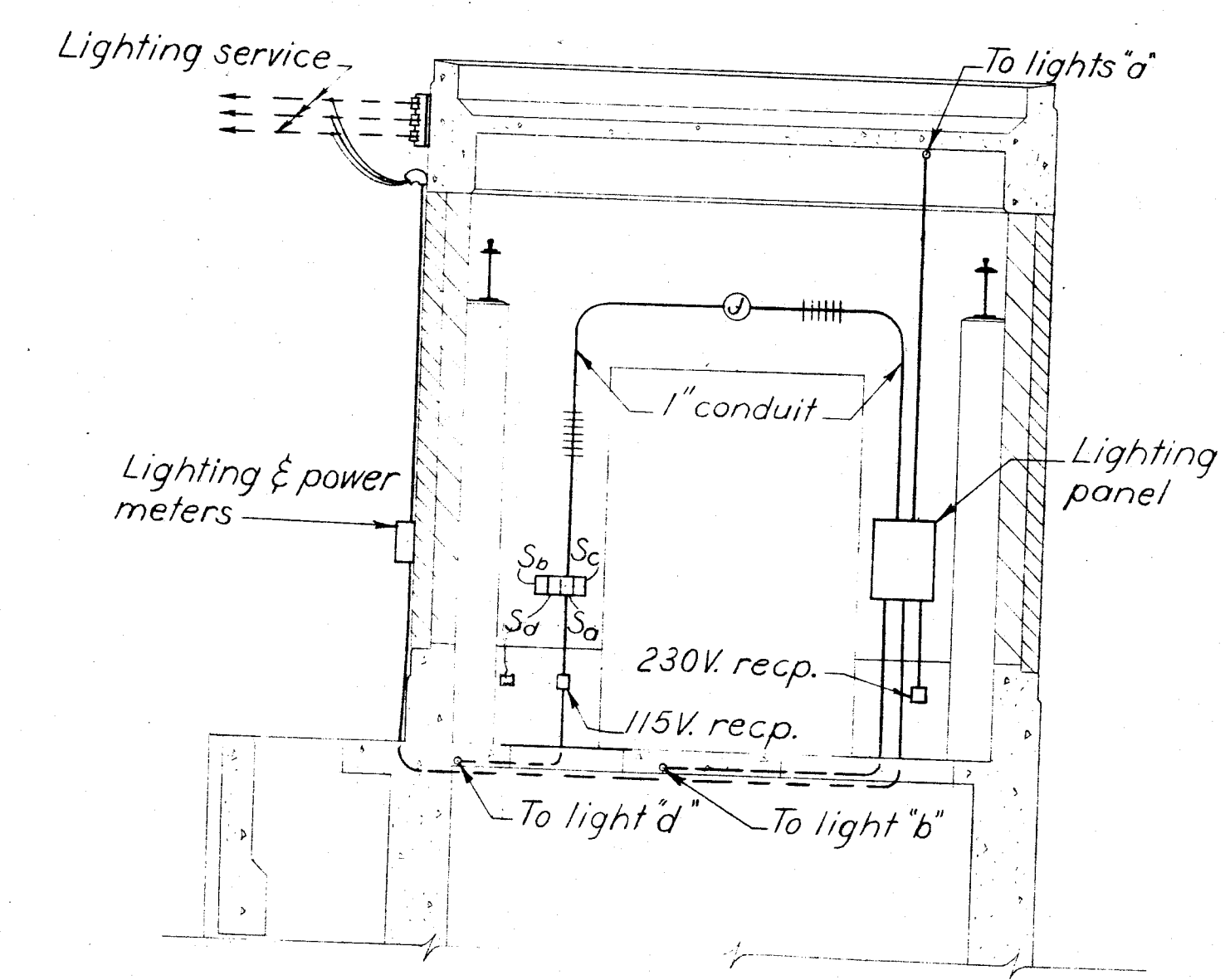
PUMP FLOOR PLAN-LIGHTING



SECTION A - A



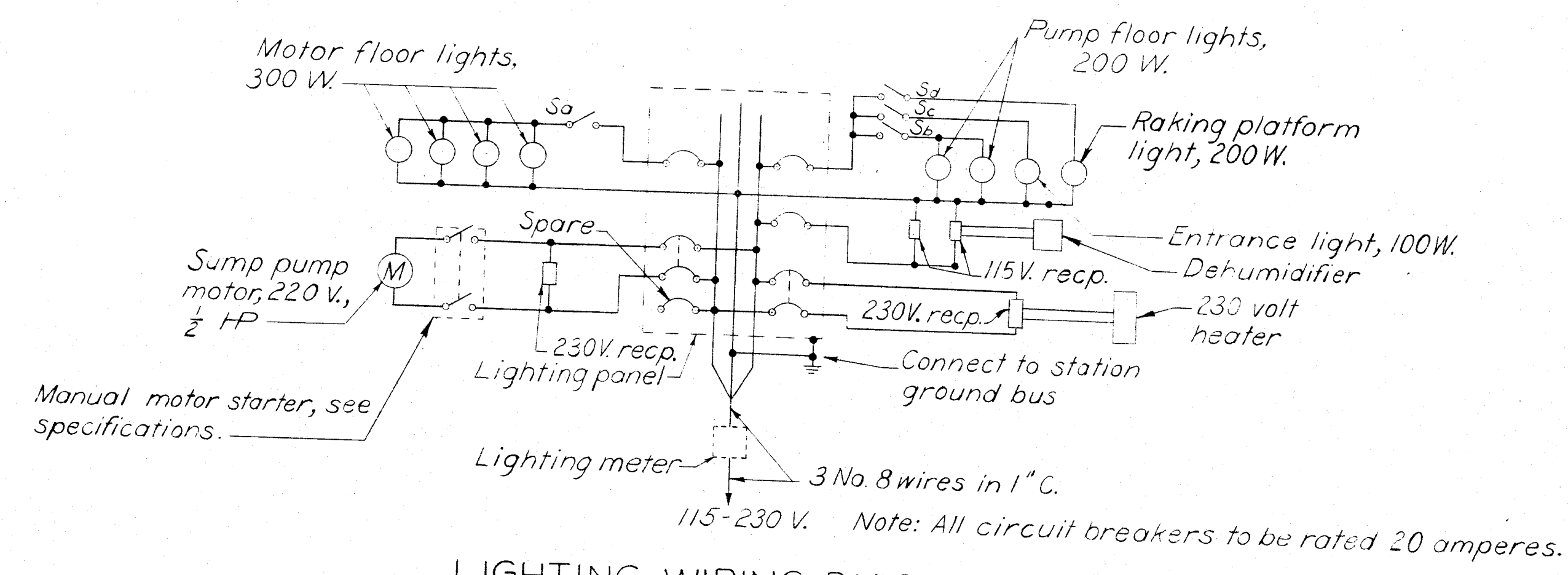
SECTION B - B



SECTION C - C

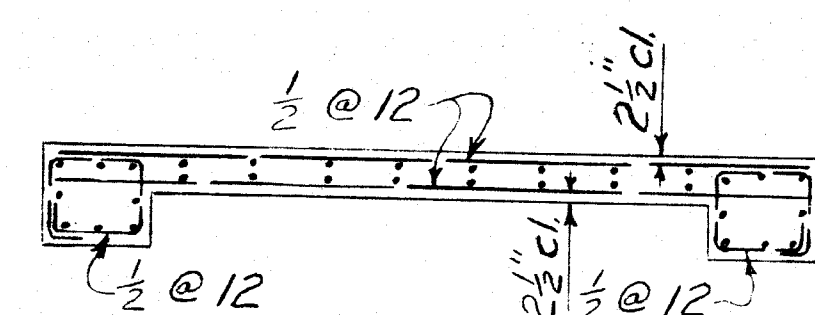
NOTES

For power wiring diagram and details of power service entrance, lighting service entrance, transformer installation, telephone conduit, and conduit thru roof beams, see Dwg. 51.5/6. All branch circuits out of lighting panel shall be size No. 12 wire and conduit shall be 1/2" unless otherwise indicated or required.



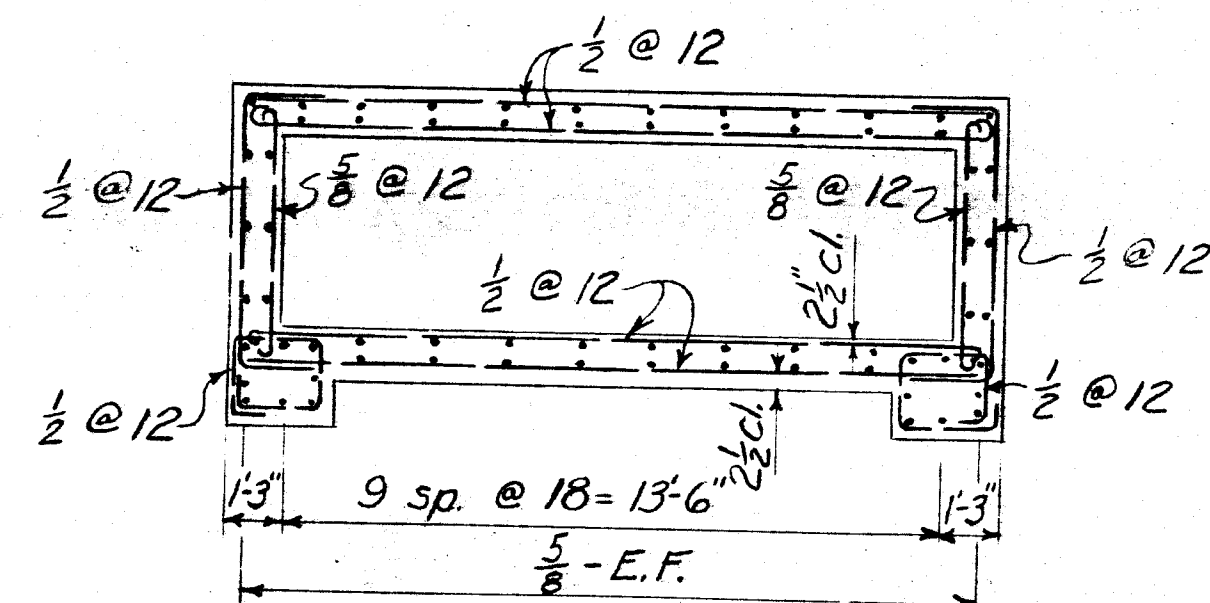
LIGHTING WIRING DIAGRAM

2-1-50 ADDED BAFFLES - ADDENDUM NO. 1		D.W.H.
REVISION DATE	DESCRIPTION	BY
CORPS OF ENGINEERS		
U. S. ARMY		
OFFICE OF THE DISTRICT ENGINEER		
HUNTINGTON, W. VA.		
DRAWN BY:	TUSCARAWAS RIVER	
J.L.C.	LOCAL PROTECTION PROJECT	
TRACED BY:	MASSII'ON, OHIO	
	SIPPO CRE	PUMP STATION
	EL 77	EQUIPMENT
DEC. 12/40		
NO.		
BER		
PM-51 3/8		



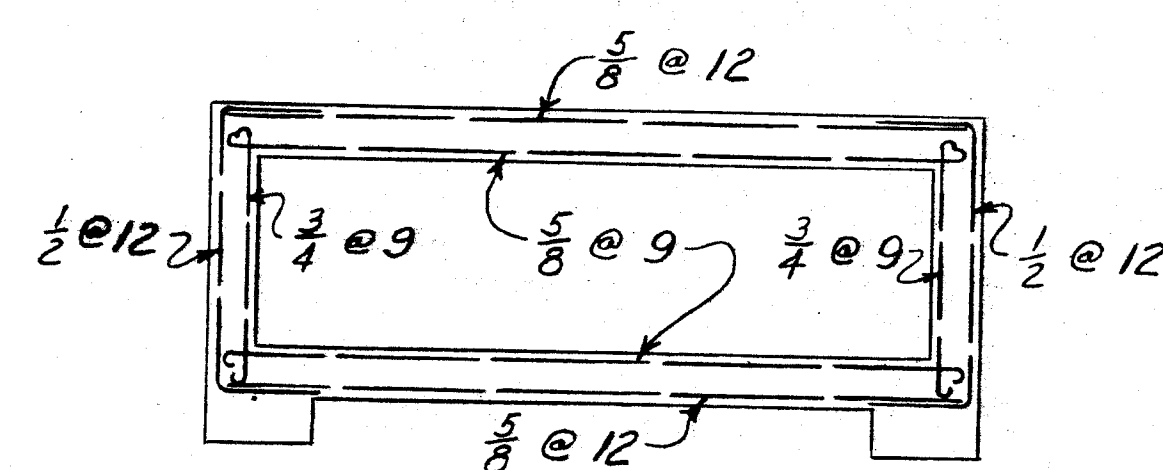
Vertical bars are same as those between EL. 942 and EL. 945

EL. 945 TO EL. 946.48



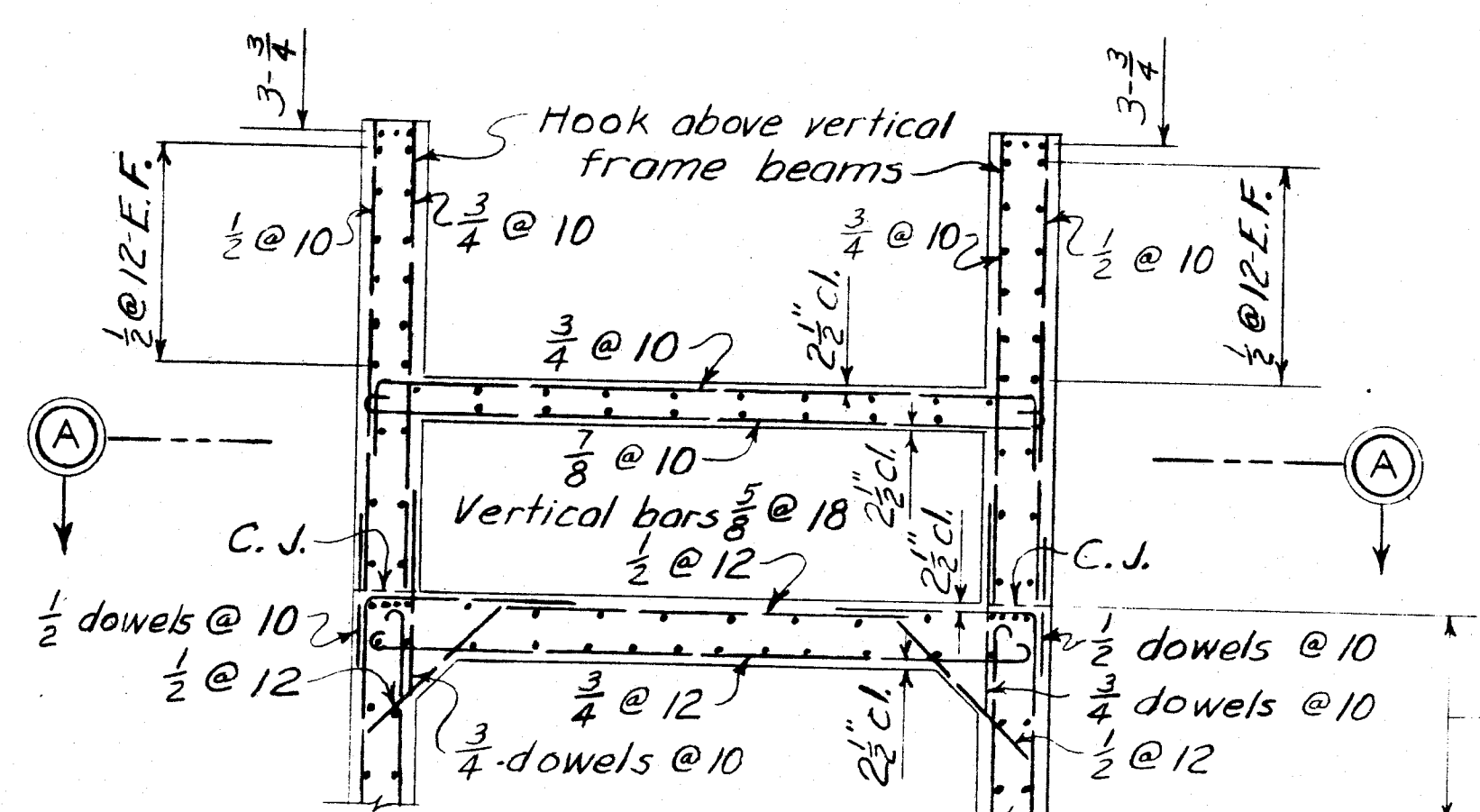
Vertical bars $\frac{1}{2}$ @ 18 unless otherwise noted.

EL. 942 TO EL. 945



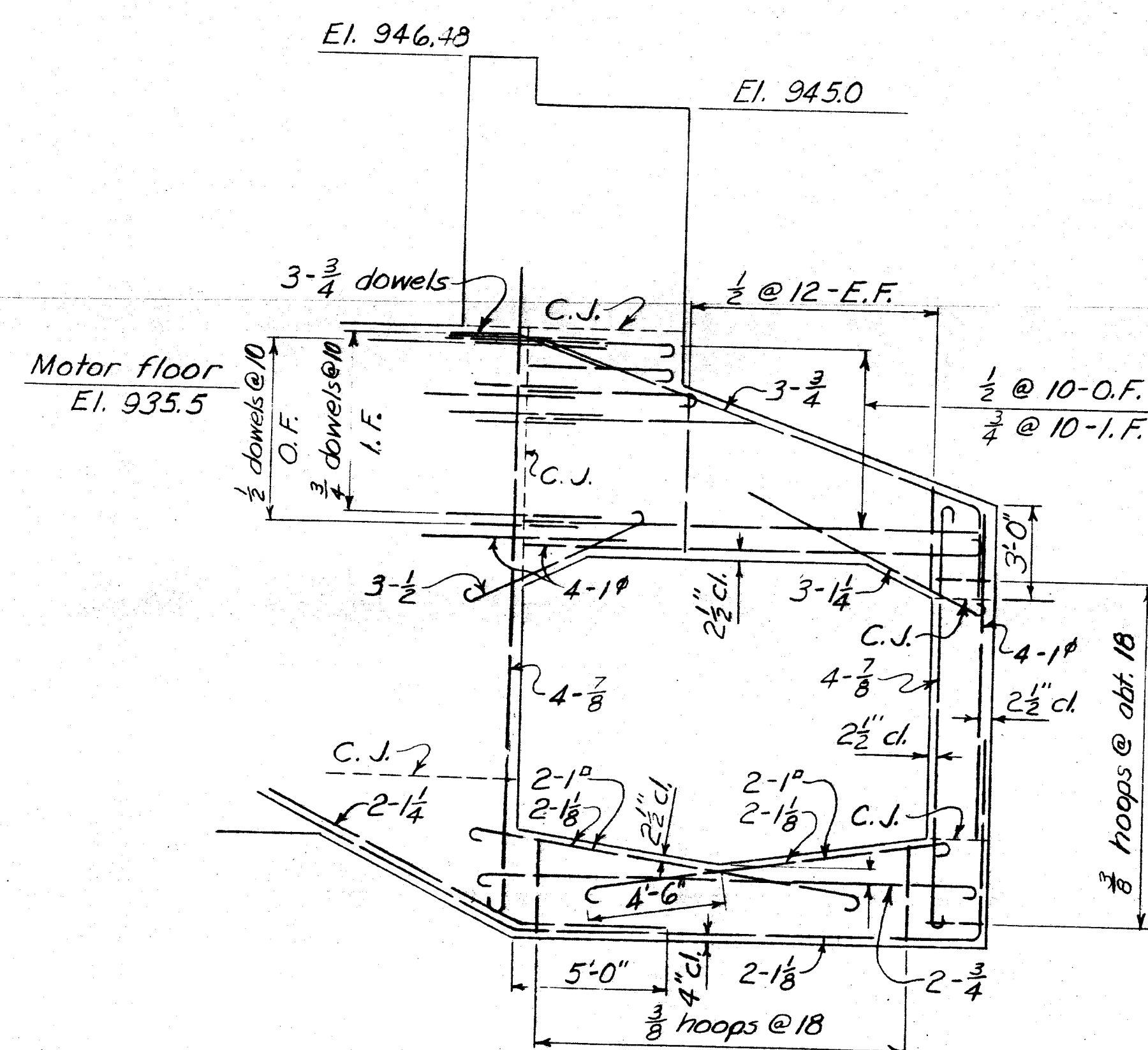
Unless otherwise noted bars are the same as between EL. 942 and EL. 945.

EL. 9377± TO EL. 942



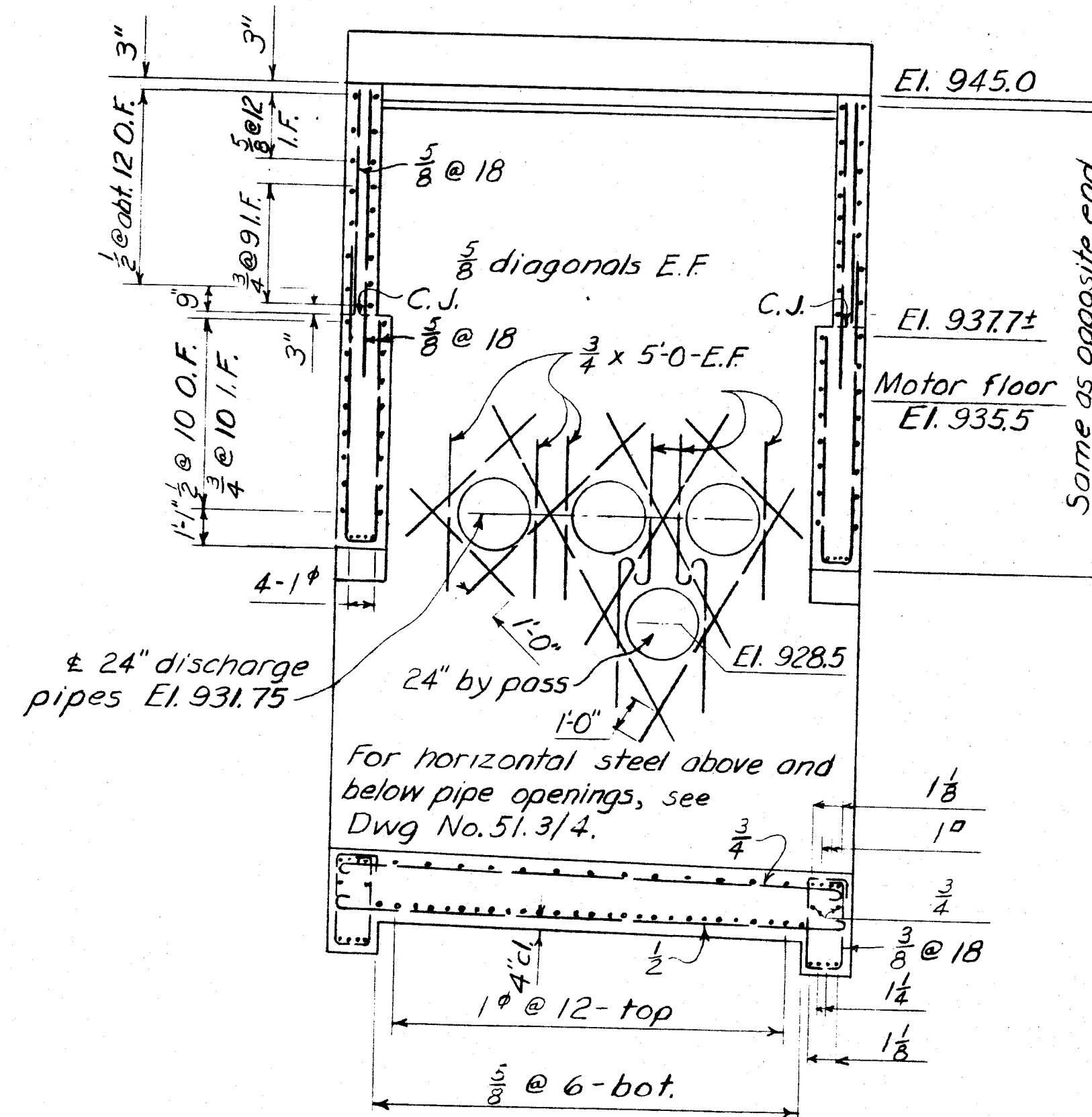
See plan EL. 928 to EL. 935.5 for location and size of bars

TOP OF CONDUIT TO EL. 937.7±

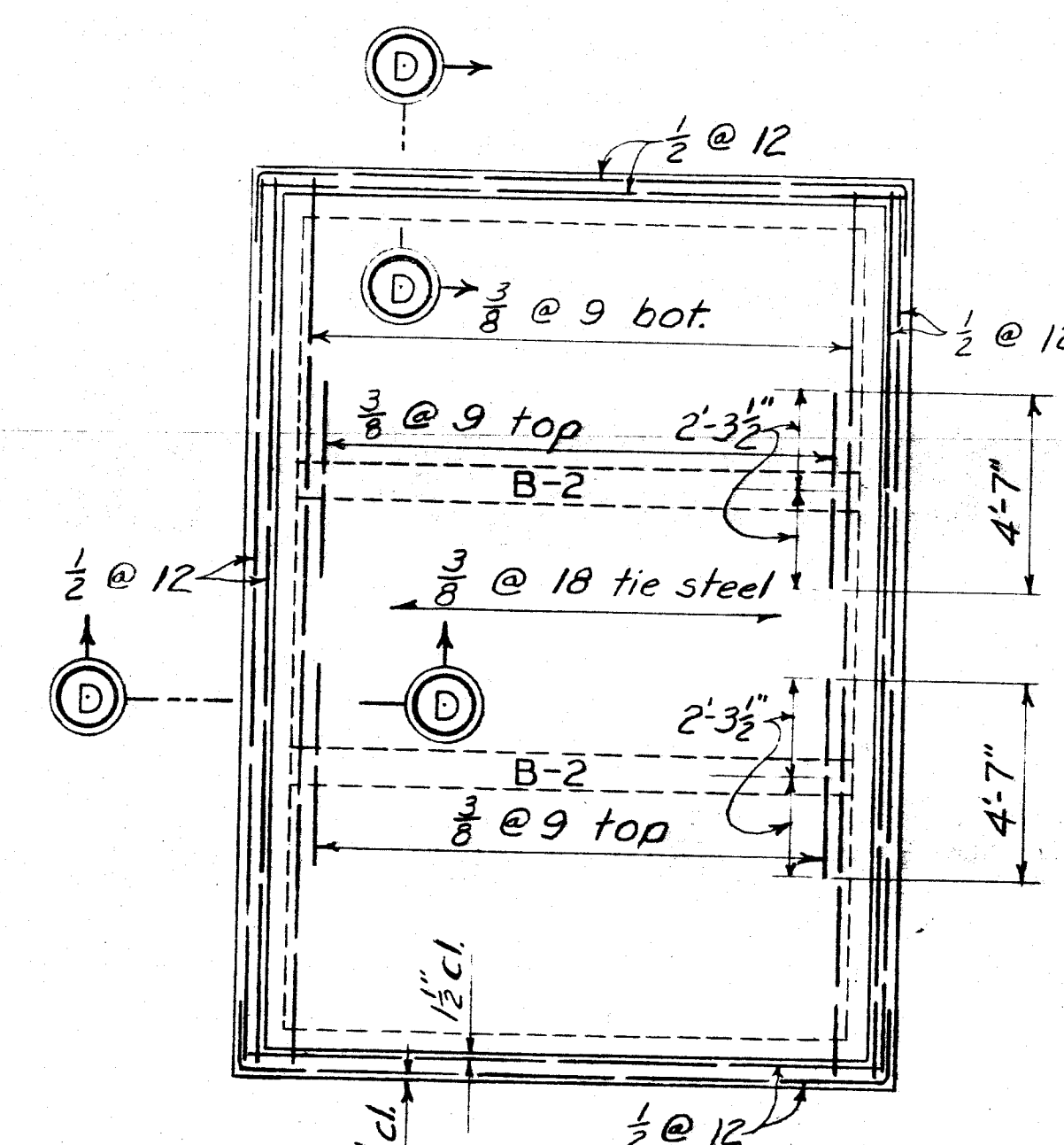


VERTICAL FRAME BEAM

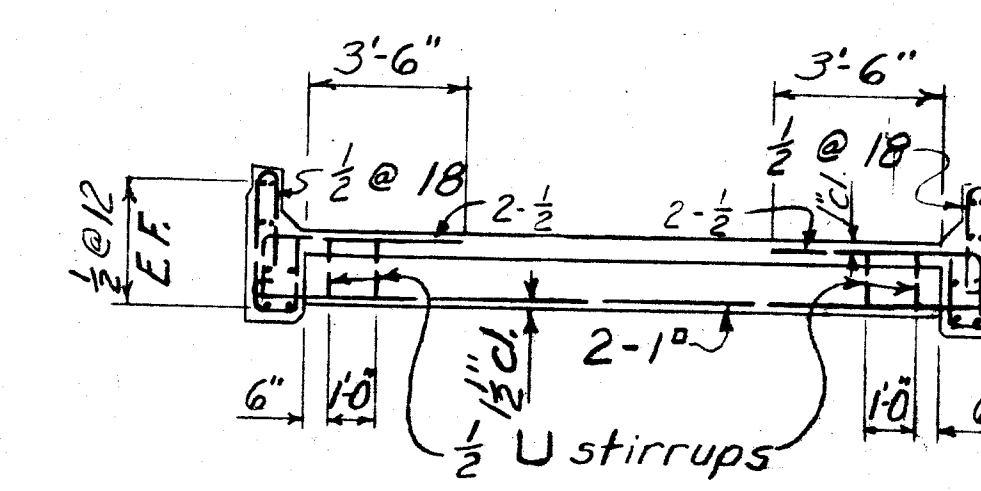
2 REQUIRED



SECTION A-A

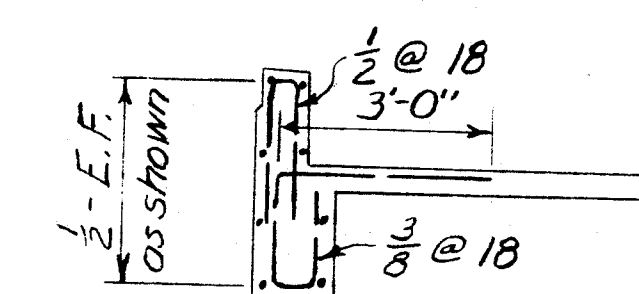


ROOF PLAN



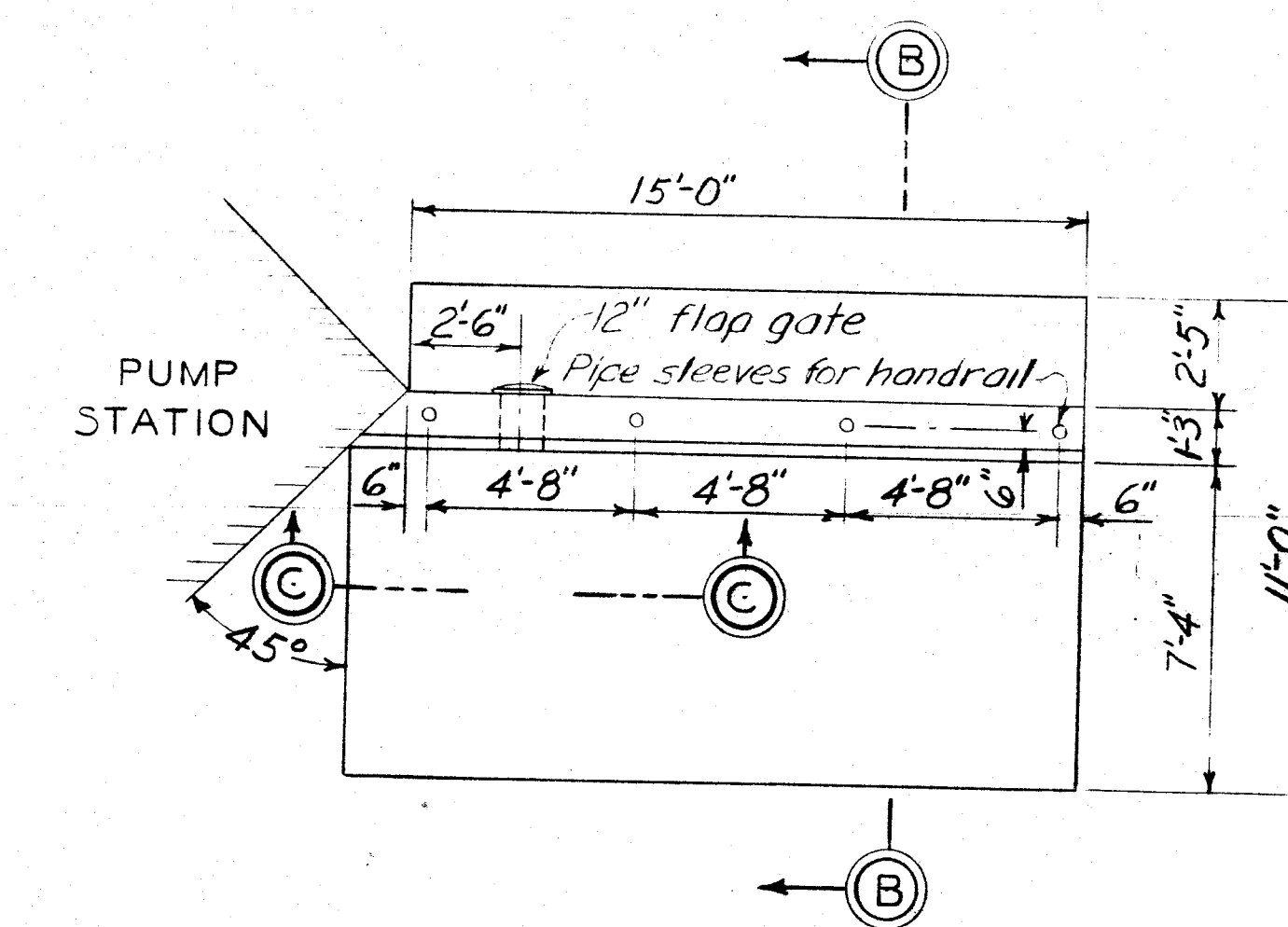
BEAM B-2

2 REQUIRED

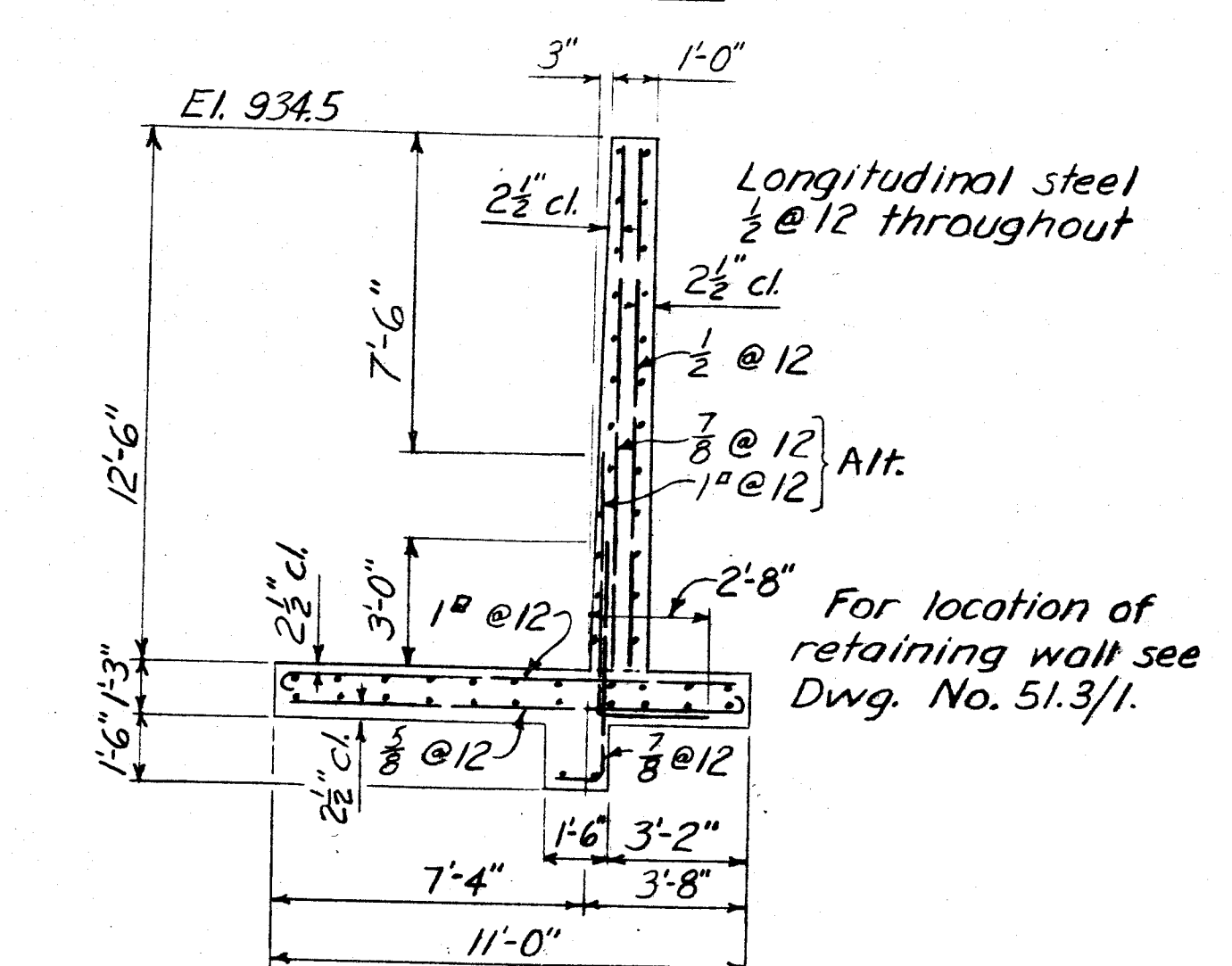


SECTION D-D

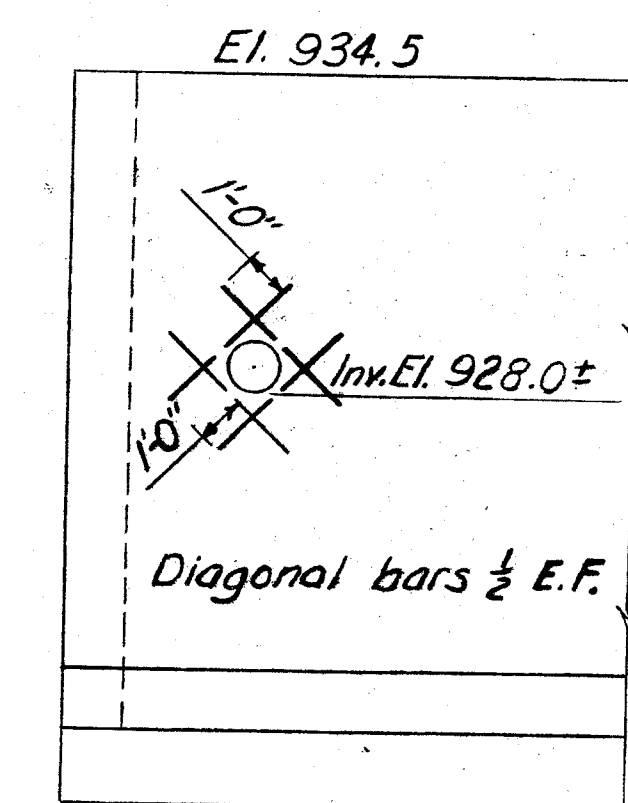
SCALE: $\frac{3}{8}$ "=1'-0"



PLAN



SECTION B-B



SECTION C-C

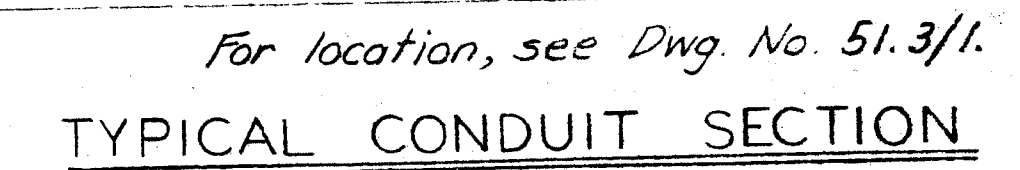
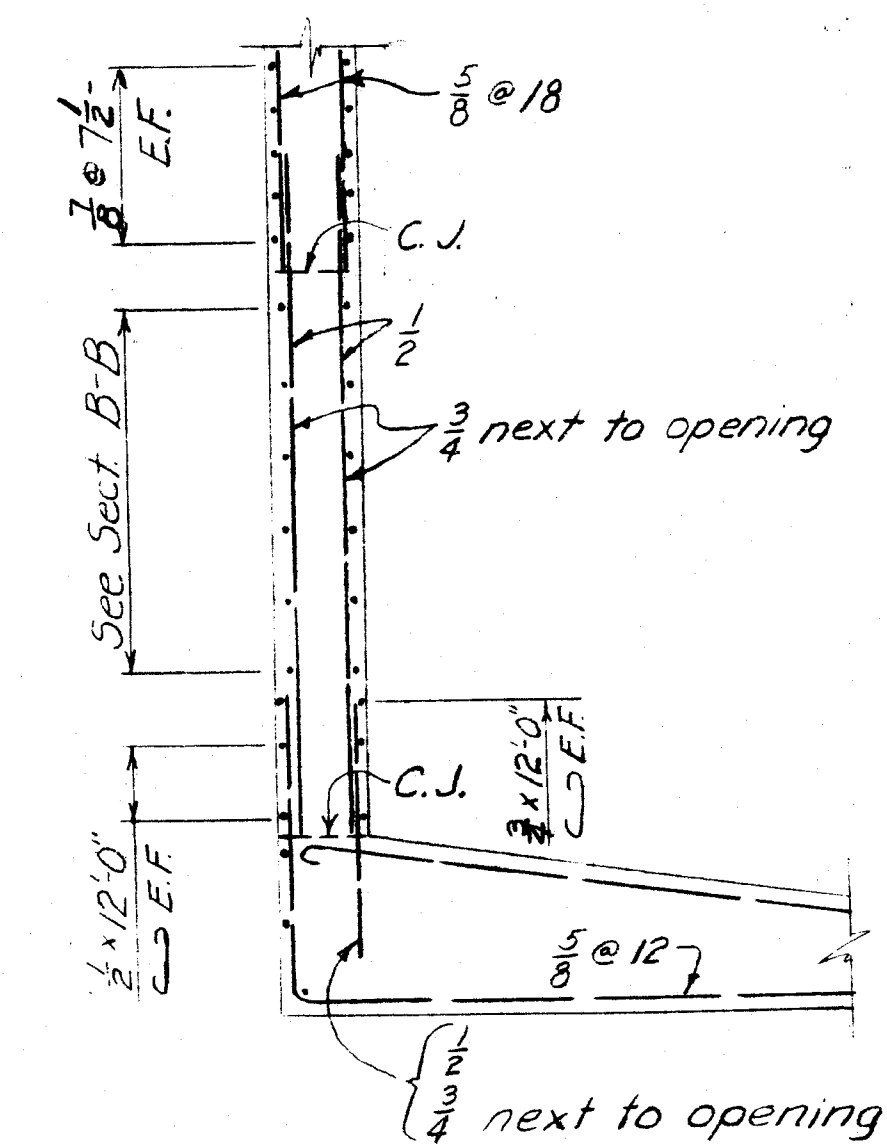
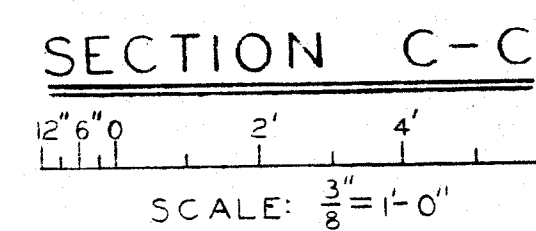
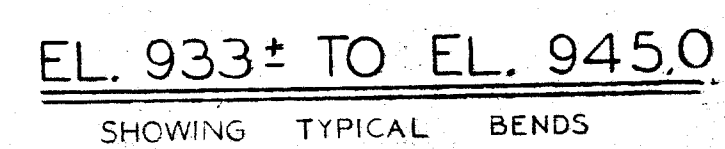
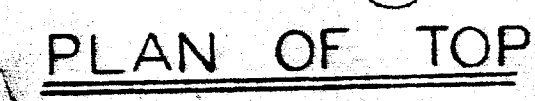
RETAINING WALL

SCALE: $\frac{1}{4}$ "=1'-0"

NOTES

For general notes, see Dwg. No. 51.1/4.
For masonry plans and sections, see Dwg. No. 51.3/3.
For additional reinforcement details, see Dwg. No. 51.3/4 & 51.3/5.

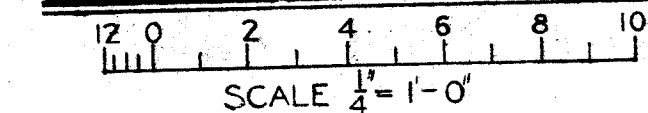
CORPS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.		TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPPO CREEK PUMP STATION REINFORCING DETAILS	
DRAWN BY: E.S.W.	CHECKED BY: H.D.G. -M.W.W.	APPROVED: [Signature] CHIEF ENG. ASST.	DATE: DEC. 1949
TRACED BY: J.W.D.	SUBMITTED BY: [Signature] CHIEF ENG. DIV.	APPROVED FOR: [Signature] COL. C.E. DISTRICT ENGINEER	SCALE: $\frac{1}{4}$ "=1'-0"
DATE:		DRAWING NUMBER 0271-PM-513/5 SHEET 27 OF 42	



MONOLITHS NOT TO EXCEED 20' IN LENGTH.
EXPANSION JOINT BETWEEN MONOLITHS, SEE
DWG. NO. 51.3/3.

For general notes, see Dwg. No. 51.1/4.
For masonry plans and sections, see Dwg. No. 51.3/3.
For additional reinforcing details, see Dwg. No. 51.3/4
and 51.3/5.

2-1-50		ADDED NOTE AND TITLED SLUICE GATE WELL-ADDENDUM NO.2		X 5	
REVISION		DATE		DESCRIPTION	
				BY	
CORPS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.					
DRAWN BY: E.S.W.		TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPPO CREEK PUMP STATION REINFORCING DETAILS			
FRACED BY: F.W.L.					
CHECKED BY: H.D.G.-M.W.W.					
SUPERINTENDING ENGINEER <i>[Signature]</i>					
APPROVED BY: <i>[Signature]</i>					
APPROVED:		<i>D. Johnson</i>		DATE: DEC. 1949	
COL. C. E. DISTRICT ENGINEER		SCALE: $\frac{3}{8}'' = 1'-0''$		SPEC. NO.	
DRAWING NUMBER		0271-PM-51.3/6			
DATE:		SHEET 28 OF 42			



	2-1-52	ADDED BAFFLES - ADDENDUM NO.1	2A.5
	REVISION	DATE	DESCRIPTION
CORPUS OF ENGINEERS U. S. ARMY OFFICE OF THE DISTRICT ENGINEER HUNTINGTON, W. VA.			BY
DRAWN BY: R. H.		TUSCARAWAS RIVER LOCAL PROTECTION PROJECT MASSILLON, OHIO SIPPO CREEK PUMP STATION MECHANICAL EQUIPMENT	
TRACED BY:			
CHECKED BY: J. H.			
SUBMITTED BY: <i>[Signature]</i>			
ENG. DIST.			
APPROVED: <i>[Signature]</i> CHIEF ENG. ASST.		APPROVED: <i>[Signature]</i> COL. C. F. DISTRICT ENGINEER	DATE: DEC. 1949
APPROVED FOR:		SCALE: $\frac{1}{2} = 1'-0"$	SPEC. NO. DRAWING NUMBER 0271 - PM - 51.3/7 SHEET 29 OF 42
DATE:			