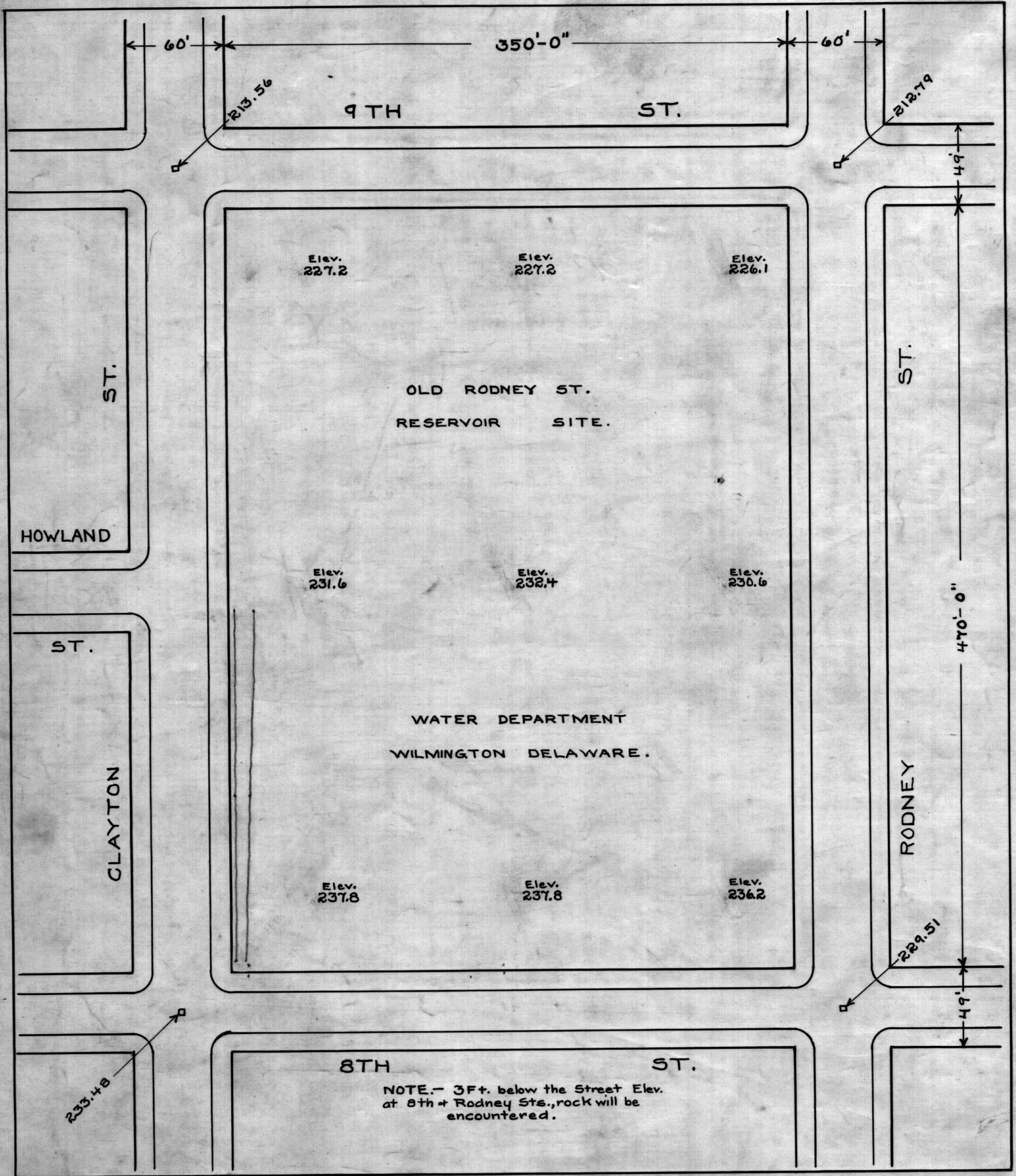


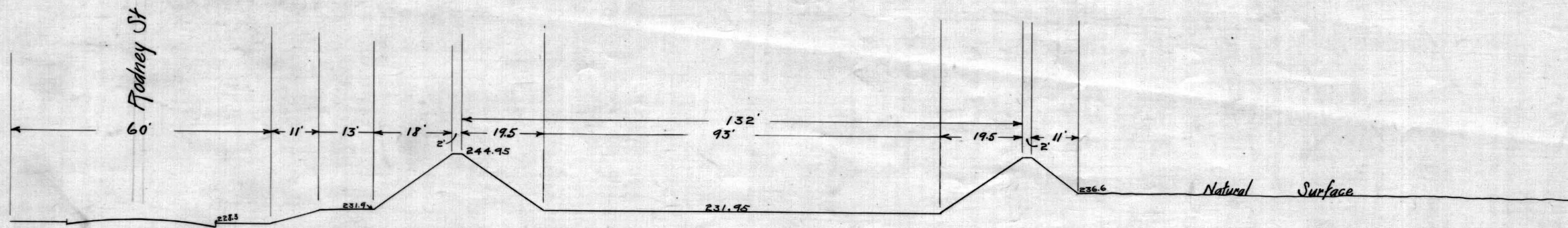
ATTACHMENT C

Rodney Street Reservoir Design Drawings

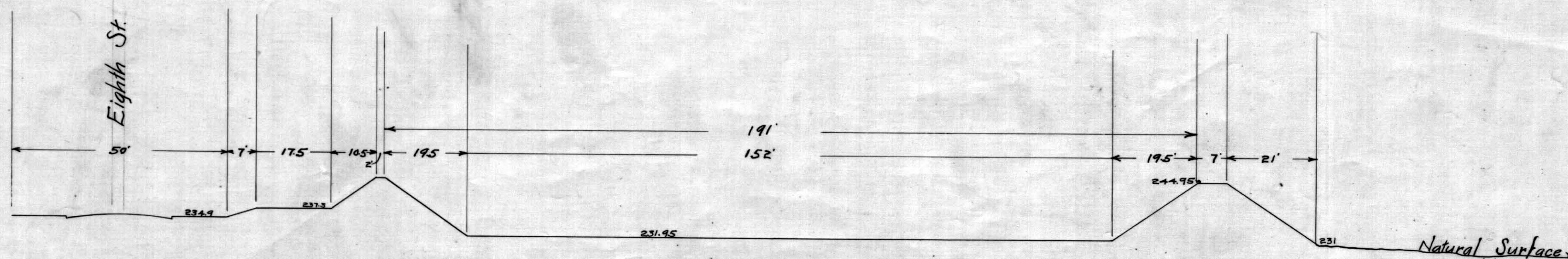


N-23

120056



Section parallel with Eighth St
through middle of present Rodney St Reservoir

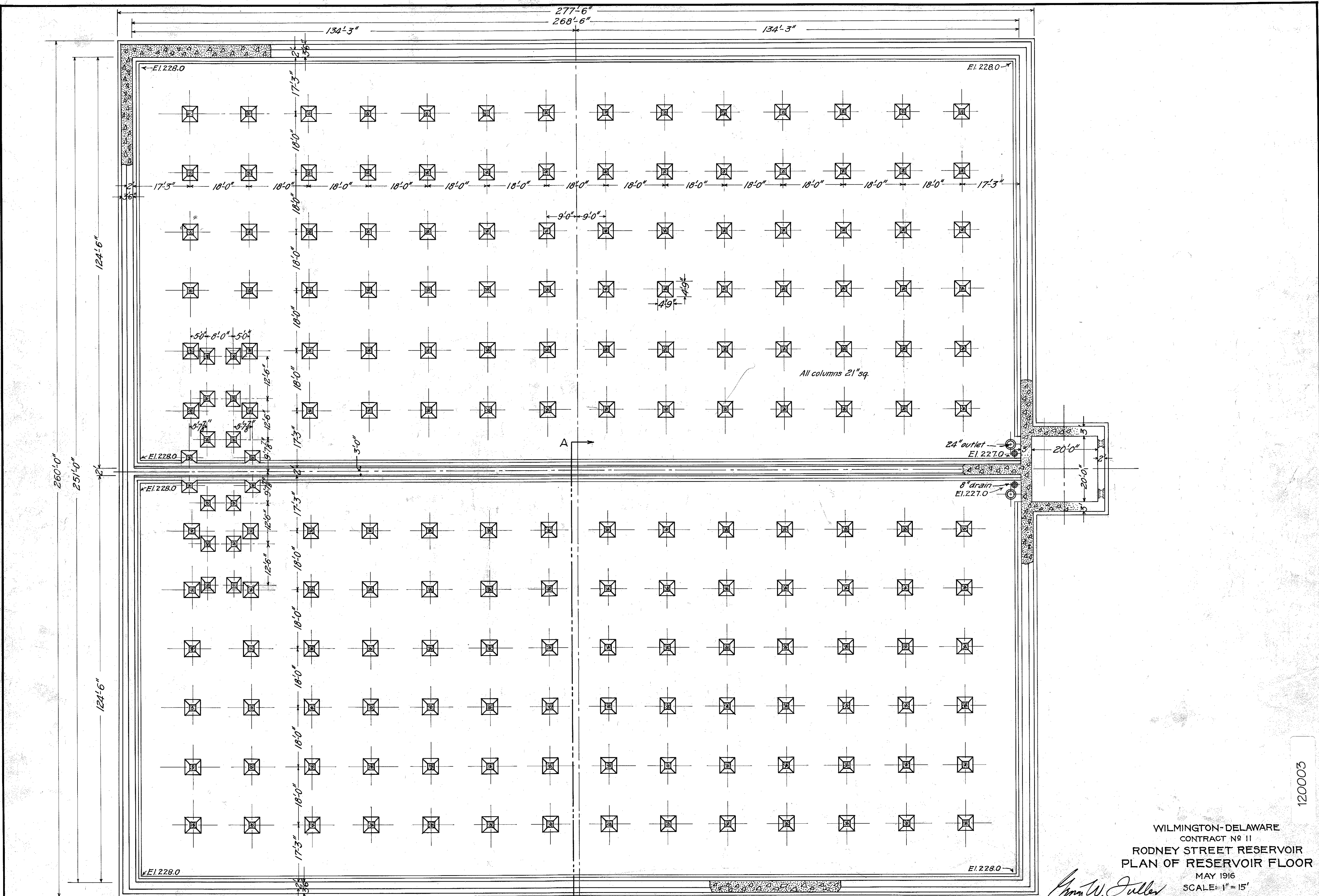


Section parallel with Rodney St
through middle of present Rodney St Reservoir

DRAWN BY *CDM*
CHECKED BY
APPROVED
DATE

**FILTRATION PLANT
AND
WATER SUPPLY SYSTEM
FOR
WILMINGTON, DEL.**
1904.
THEODORE A. LEISEN, CHIEF ENGINEER
CROSS SECTION
RODNEY ST RESERVOIR
SCALE 1 Inch = 20 Feet DATE Sept. 21, 1904

120055



OFFICE OF
 GEORGE W. FULLER
 170 BROADWAY
 NEW YORK CITY

For section see sheet No 4.

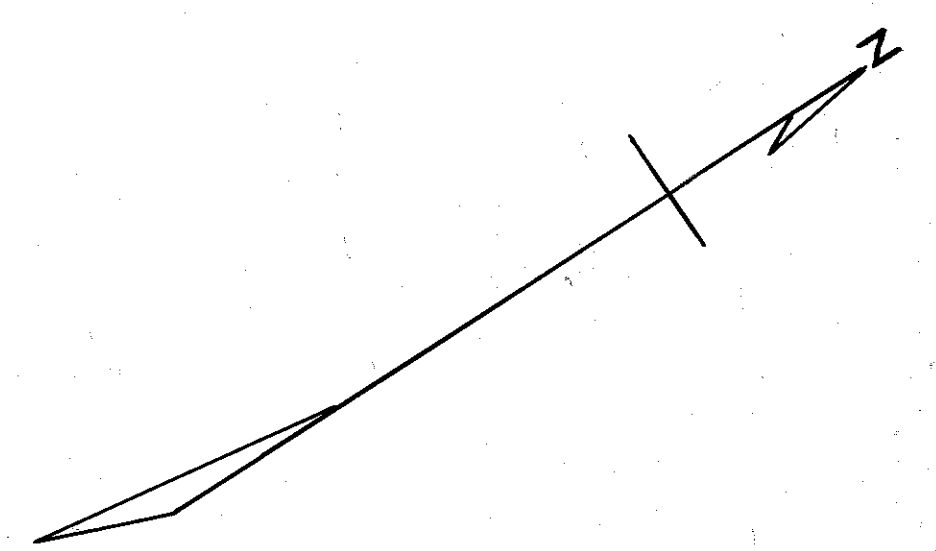
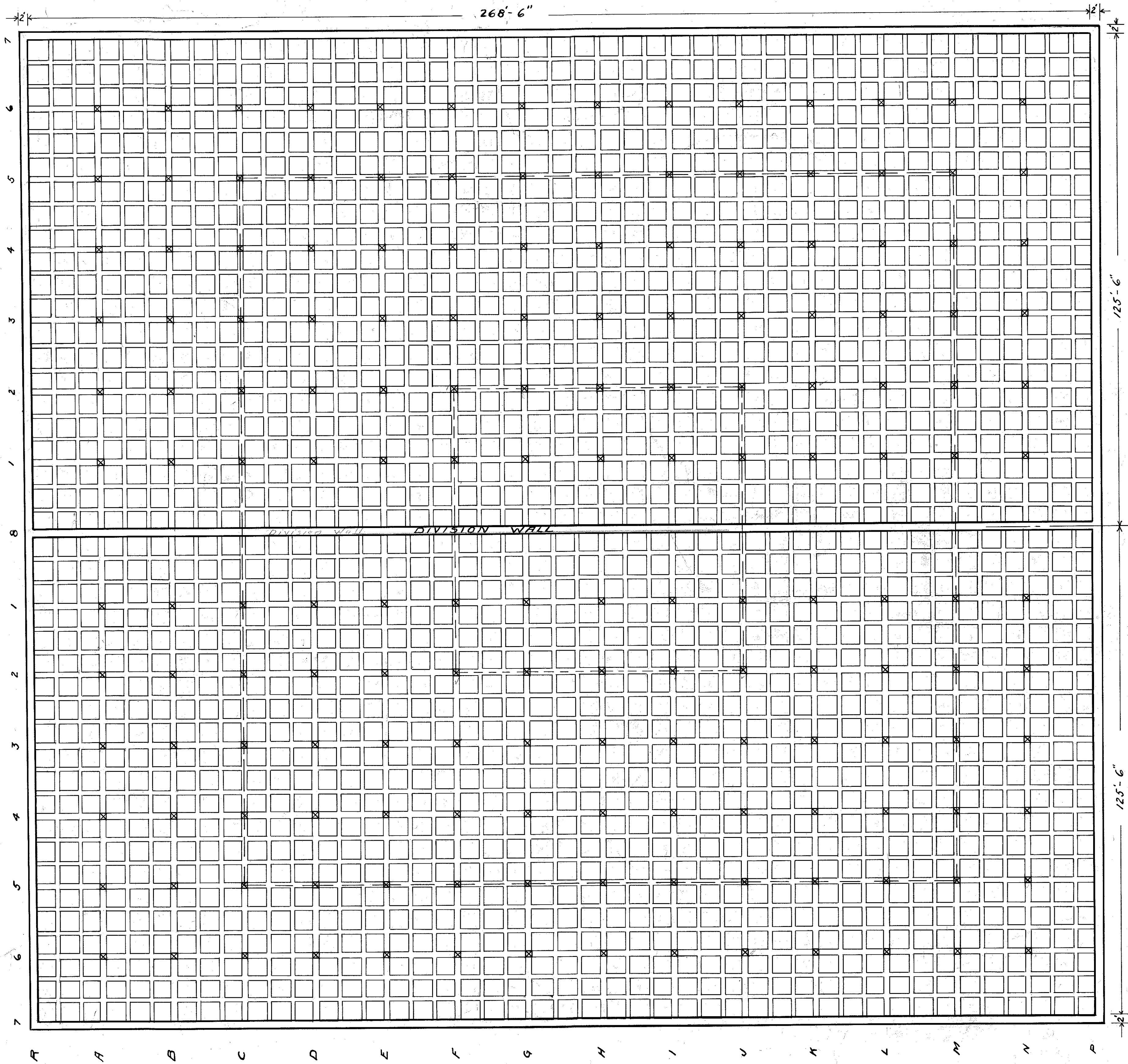
George W. Fuller
 Consulting Engineer
Arthur M. ...
 Chief Engineer

WILMINGTON-DELAWARE
 CONTRACT No 11
 RODNEY STREET RESERVOIR
 PLAN OF RESERVOIR FLOOR
 MAY 1916

SCALE: 1" = 15'

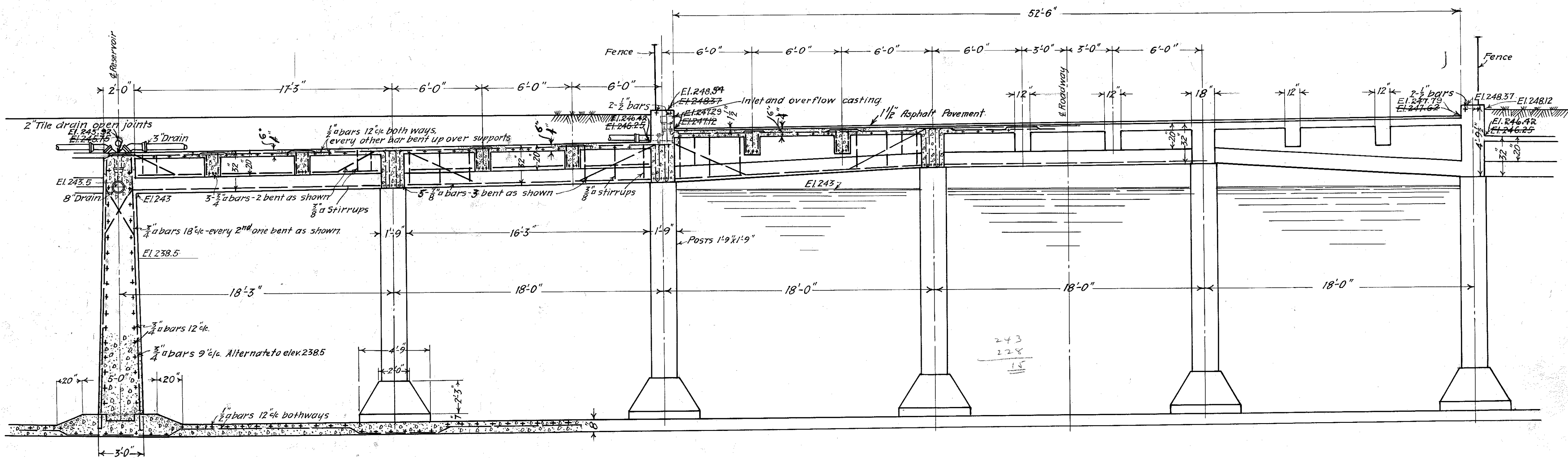
SHEET No 3 OF 10 SHEETS

120003

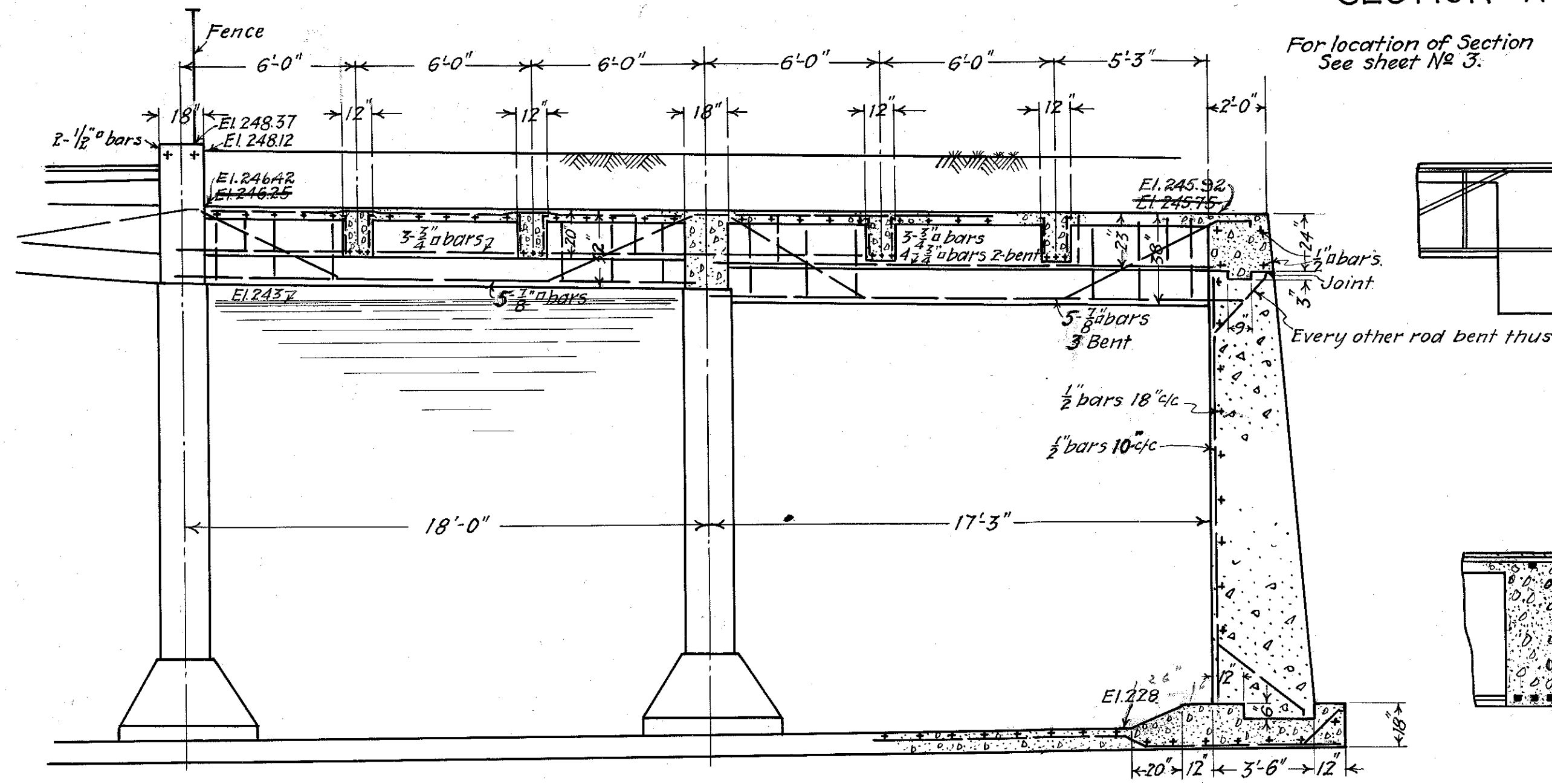


WILMINGTON-DELAWARE
 CONTRACT NO 11
 RODNEY STREET RESERVOIR
 PLAN OF RESERVOIR ROOF
 APRIL 1917.
 SCALE: 1" = 15'

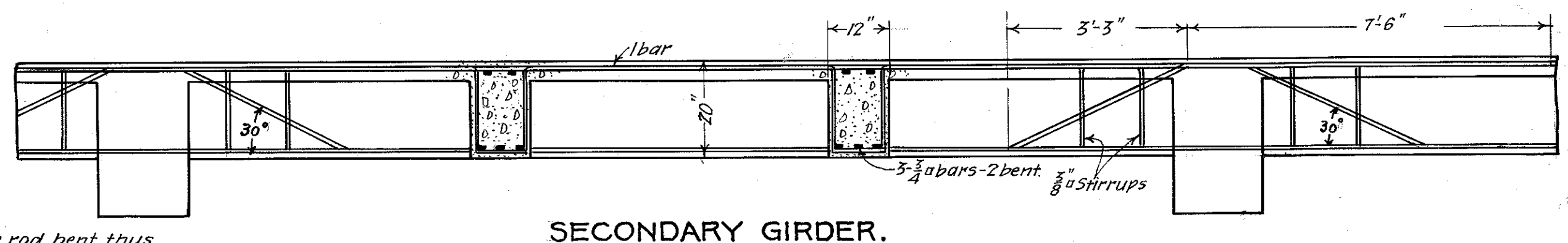
120036



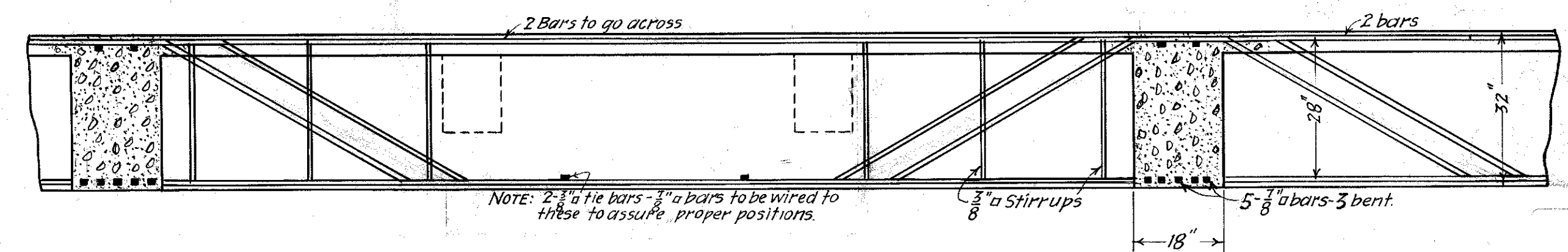
SECTION A-A.



SECTION A-A Continued.



SECONDARY GIRDER.



MAIN GIRDER.

Note: For details of girder reinforcement See Sheet No. 10.

Note: Alterations in red made

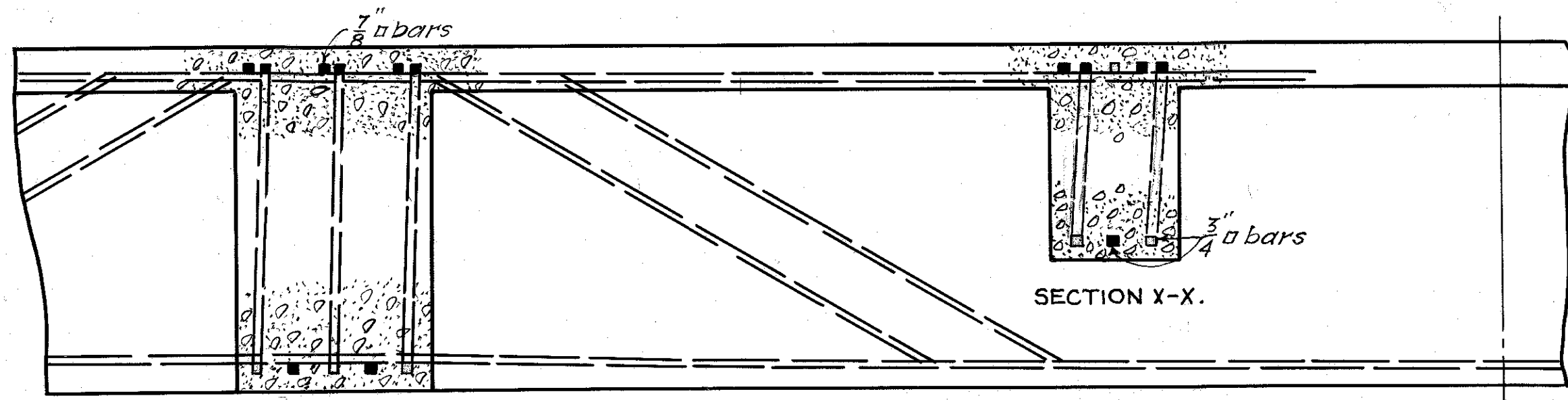
OFFICE OF
GEORGE W. FULLER
170 BROADWAY
NEW YORK CITY

George W. Fuller
Consulting Engineer
Edward L. ...
Chief Engineer

WILMINGTON-DELAWARE
CONTRACT NO. 11
RODNEY STREET RESERVOIR
DETAILS OF RESERVOIR ROOF
MAY 1916
SCALES AS SHOWN

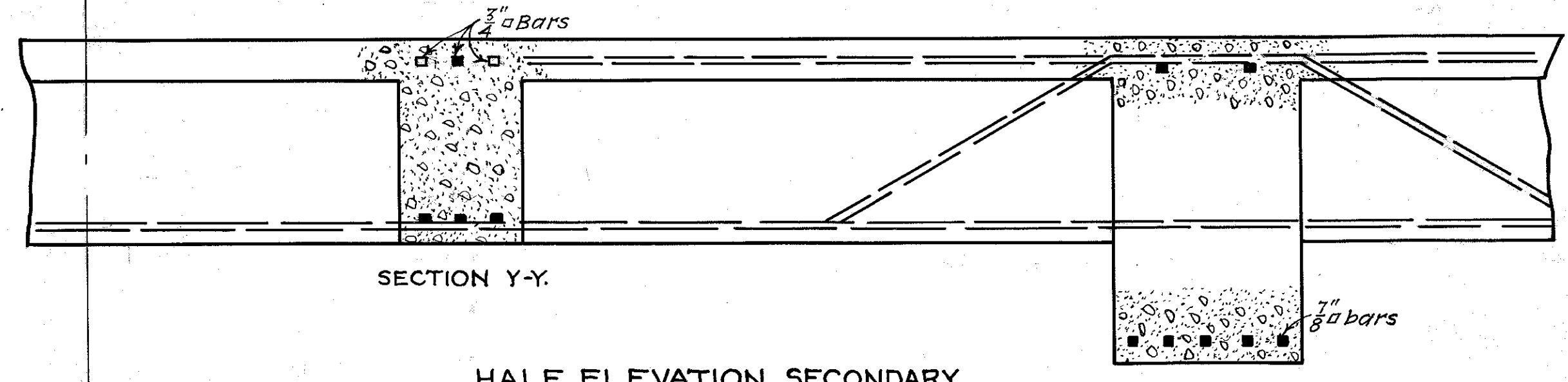
SHEET NO. 4 OF 10 SHEETS

120004



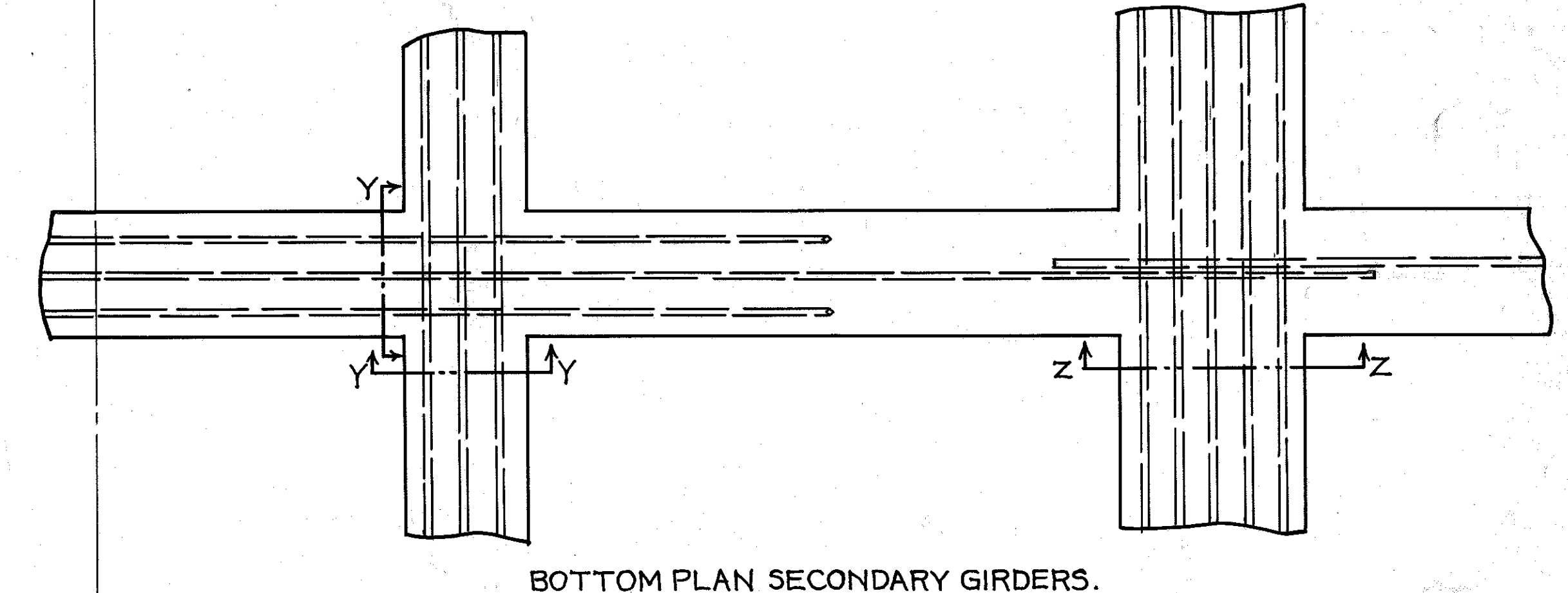
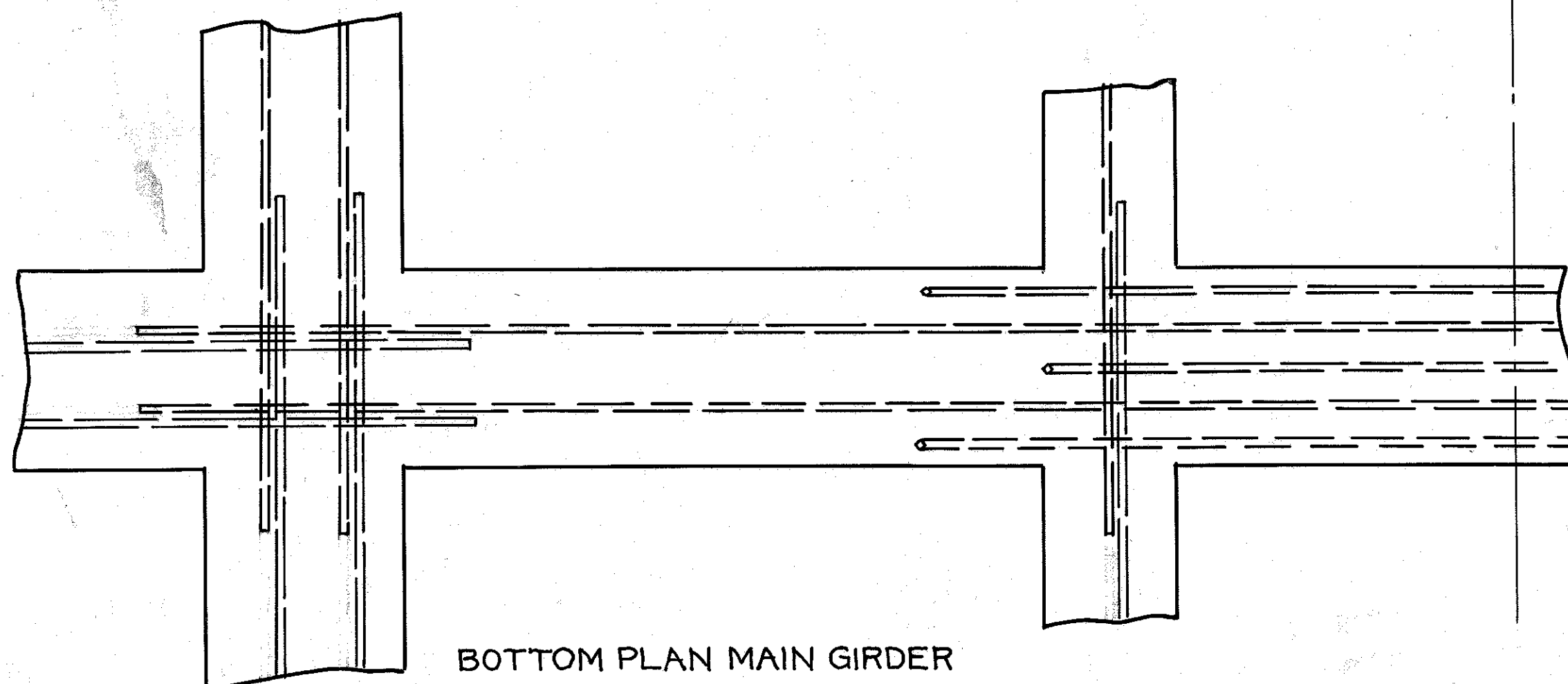
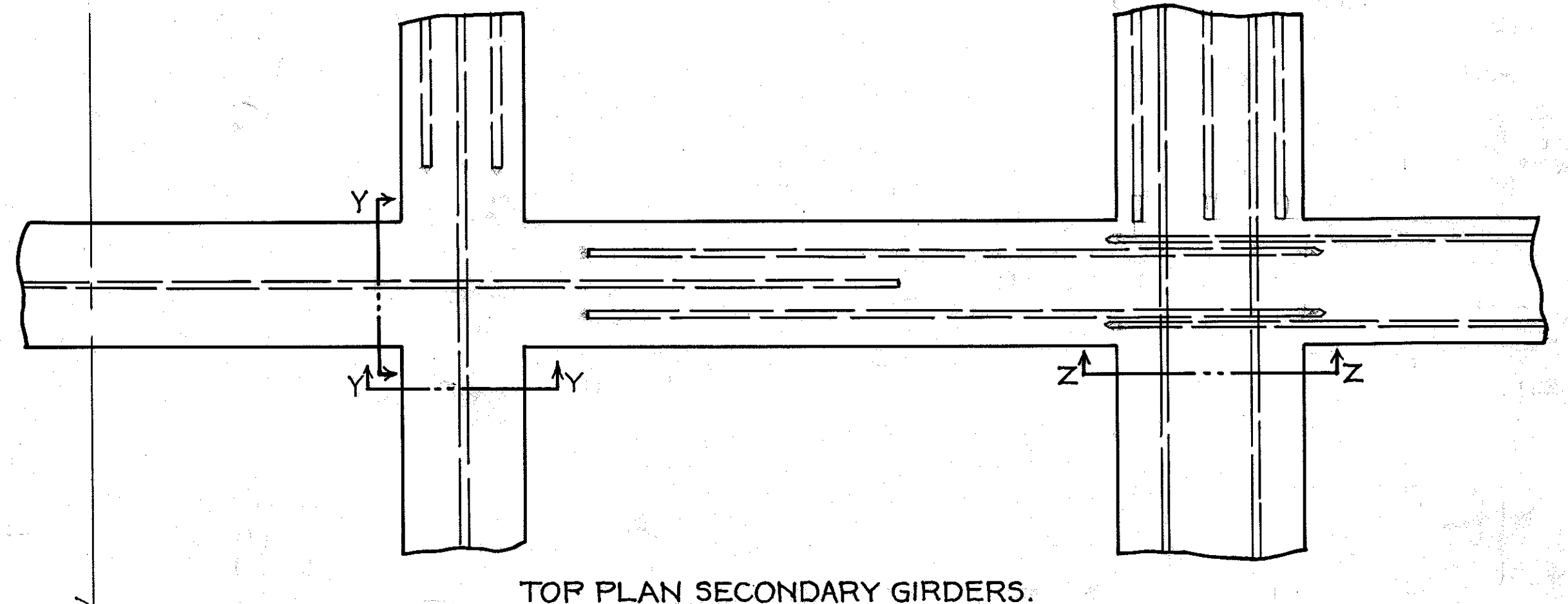
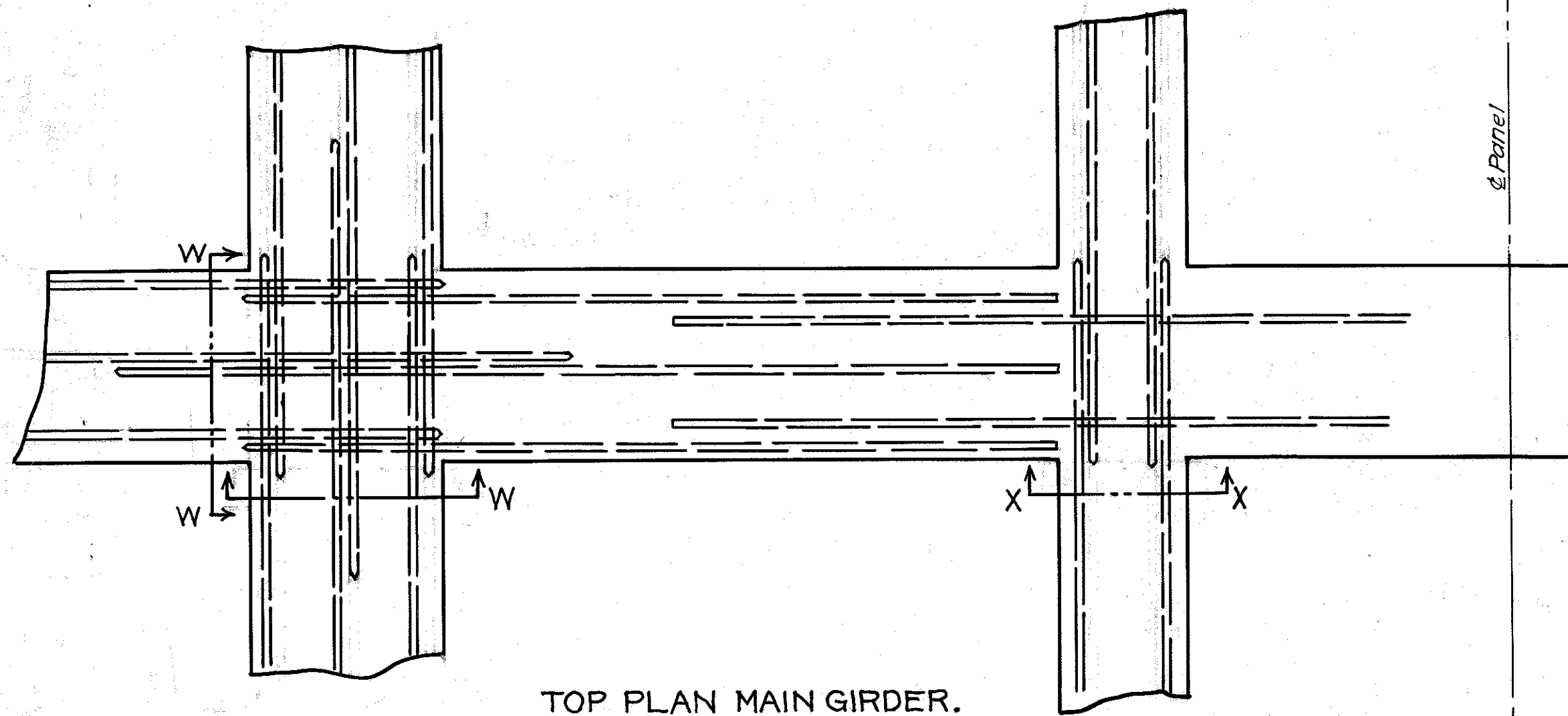
SECTION W-W.

HALF ELEVATION MAIN GIRDERS



HALF ELEVATION SECONDARY GIRDERS.

SECTION Z-Z.



OFFICE OF
GEORGE W. FULLER
170 BROADWAY
NEW YORK CITY

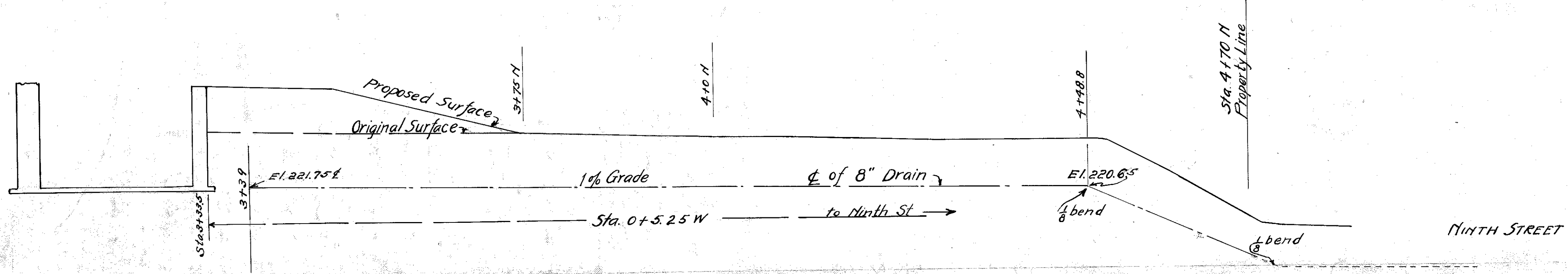
George W. Fuller
Consulting Engineer
Edward D. Hooker Jr.
Chief Engineer

WILMINGTON-DELAWARE
CONTRACT No 11
RODNEY STREET RESERVOIR
DETAILS OF ROOF GIRDERS

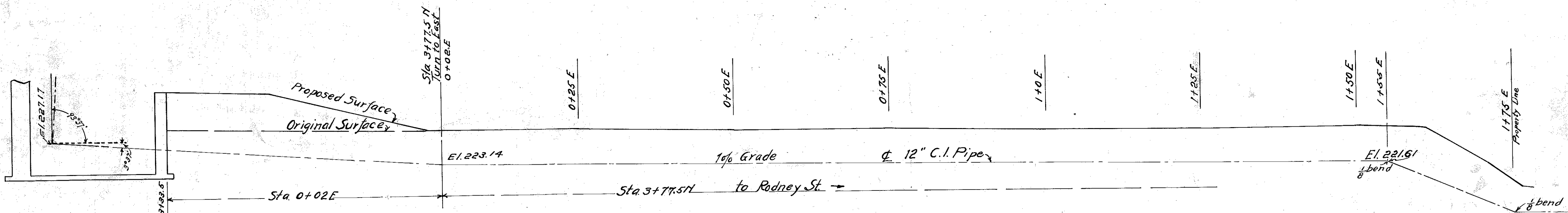
MAY 1916
SCALE: 1"=1'-0"

SHEET No 10 OF 10 SHEETS.

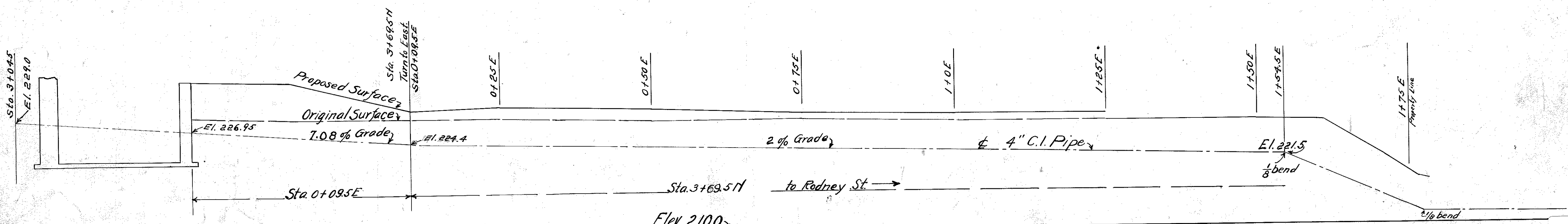
120010



Elev. 2050



Elev. 2100



Elev. 2100

WATER DEPARTMENT
 WILMINGTON, DELAWARE.
 PIPE PROFILES
 RODNEY STREET RESERVOIR.
 SCALE 1"=10'
 SEPT. 2, 1916.
 W.C.W.
 F.J.F. SHEET NO. 19 OF 10-ORIGINAL SHEETS

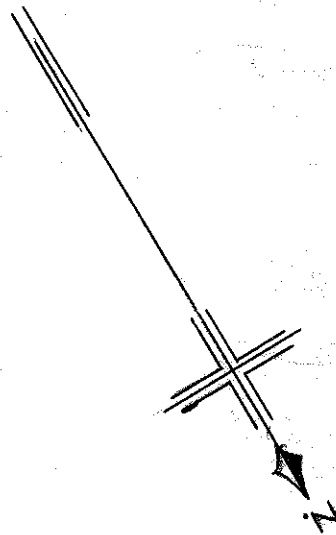
120019

EIGHTH STREET

Center Line of Reservoir

A	A	A	A	A	A
1	2	3	4	5	6
B	B	B	B	B	B
1	2	3	4	5	6
C	C	C	C	C	C
1	2	3	4	5	6
D	D	D	D	D	D
1	2	3	4	5	6
E	E	E	E	E	E
1	2	3	4	5	6
F	F	F	F	F	F
1	2	3	4	5	6
G	G	G	G	G	G
1	2	3	4	5	6
H	H	H	H	H	H
1	2	3	4	5	6
I	I	I	I	I	I
1	2	3	4	5	6
J	J	J	J	J	J
1	2	3	4	5	6
K	K	K	K	K	K
1	2	3	4	5	6
L	L	L	L	L	L
1	2	3	4	5	6
M	M	M	M	M	M
1	2	3	4	5	6
N	N	N	N	N	N
1	2	3	4	5	6

CLAYTON STREET



DRAWING SHOWING NOTATION OF COLUMNS EXPLAINING
ATTACHED TABLE

WESTERN HALF RODNEY STREET RESERVOIR

Scale 1" = 40'

Aug. 28, 1916

W.C.W.

Note: Eastern Half Same as Above.

NINTH STREET

SHEET NO. 22 OF 10 ORIGINAL SHEETS

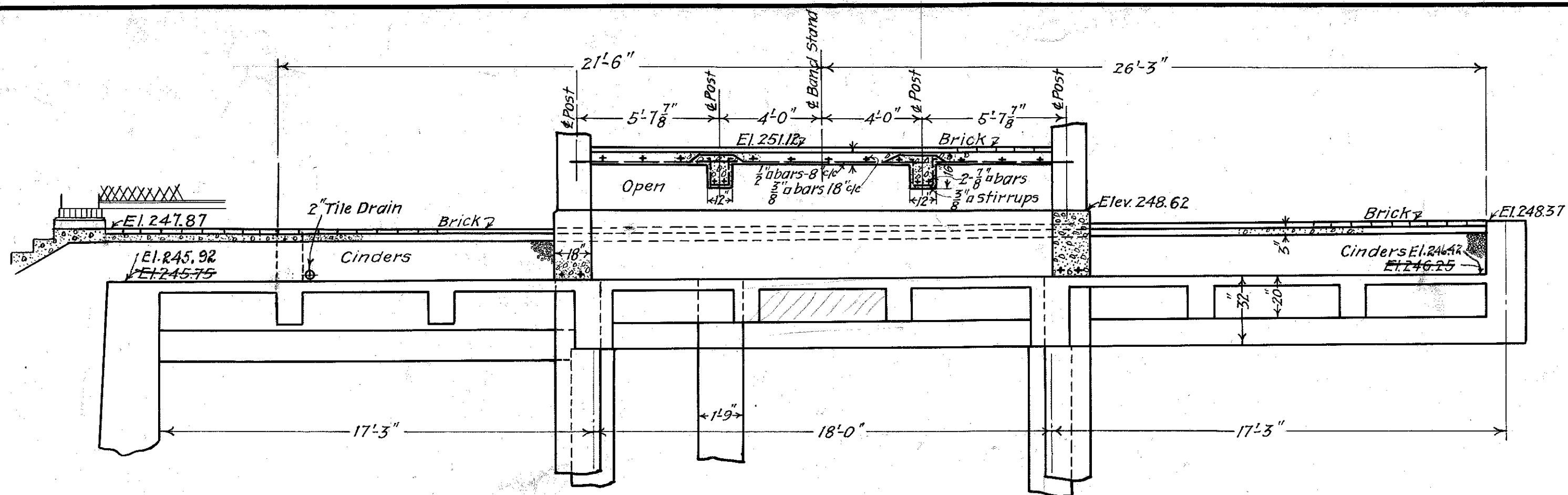
120022

ELEVATIONS
TOPS OF COLUMNS AND SUBGRADES UNDER COLUMNS
RODNEY STREET RESERVOIR
 August 23, 1916 W.C.W.

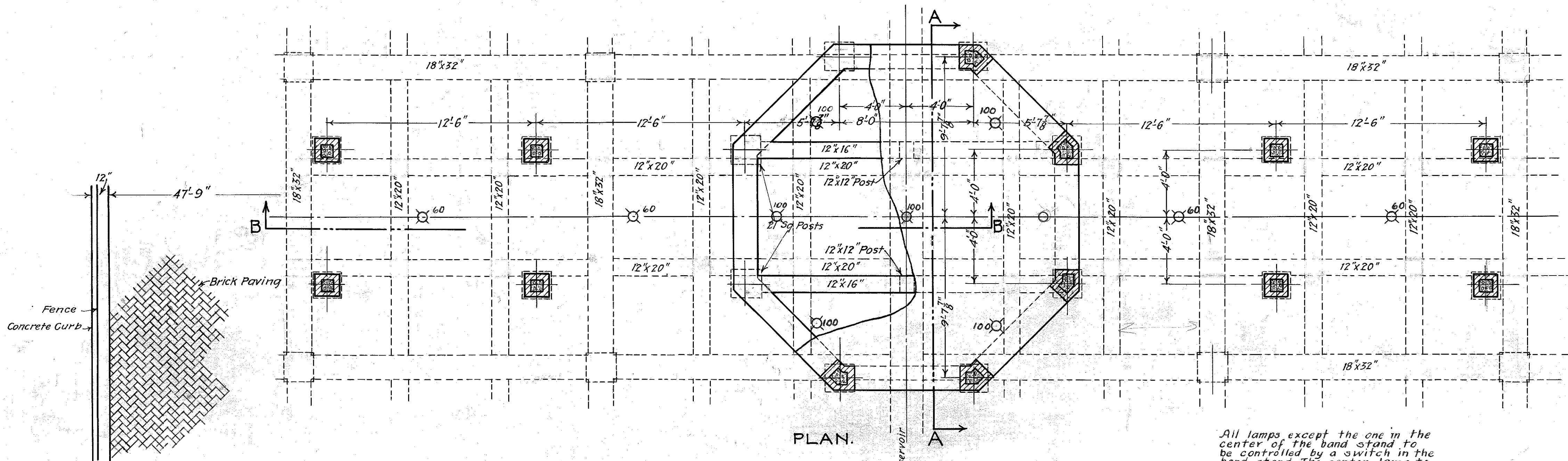
		1	2	3	4	5	6
A	a	243.25	243.25	243.25	243.25	243.25	243.25
	b	227.27	227.28	227.29	227.30	227.31	227.32
B	a	243.42	243.42	243.42	243.42	243.42	243.33
	b	227.21	227.23	227.25	227.27	227.29	227.31
C	a	243.58	243.58	243.58	243.58	243.58	243.33
	b	227.15	227.18	227.21	227.24	227.27	227.30
D	a	244.67	244.67	244.67	244.67	243.58	243.33
	b	227.10	227.13	227.17	227.21	227.25	227.29
E	a	244.50	244.50	244.50	244.67	243.58	243.33
	b	227.04	227.09	227.14	227.19	227.23	227.28
F	a	243.58	243.58	244.50	244.67	243.58	243.33
	b	226.98	227.04	227.10	227.15	227.21	227.27
G	a	243.33	243.58	244.50	244.67	243.58	243.33
	b	226.93	226.99	227.06	227.13	227.20	227.27
H	a	243.33	243.58	244.50	244.67	243.58	243.33
	b	226.87	226.94	227.02	227.10	227.18	227.25
I	a	243.33	243.58	244.50	244.67	243.58	243.33
	b	226.81	226.90	226.98	227.07	227.16	227.24
J	a	243.58	243.58	244.50	244.67	243.58	243.33
	b	226.75	226.85	226.95	227.04	227.14	227.24
K	a	244.50	244.50	244.50	244.67	243.58	243.33
	b	226.69	226.80	226.91	227.01	227.12	227.23
L	a	244.67	244.67	244.67	244.67	243.58	243.33
	b	226.64	226.75	226.87	226.98	227.10	227.21
M	a	243.58	243.58	243.58	243.58	243.58	243.33
	b	226.58	226.71	226.83	226.96	227.09	227.21
N	a	243.33	243.33	243.33	243.33	243.33	243.33
	b	226.52	226.65	226.79	226.92	227.06	227.19

"a" = Elevation top Column directly under 32" Beam.
 "b" = Elevation Sub-grade under Column.

SHEET NO. 23 OF 10-ORIGINAL SHEETS

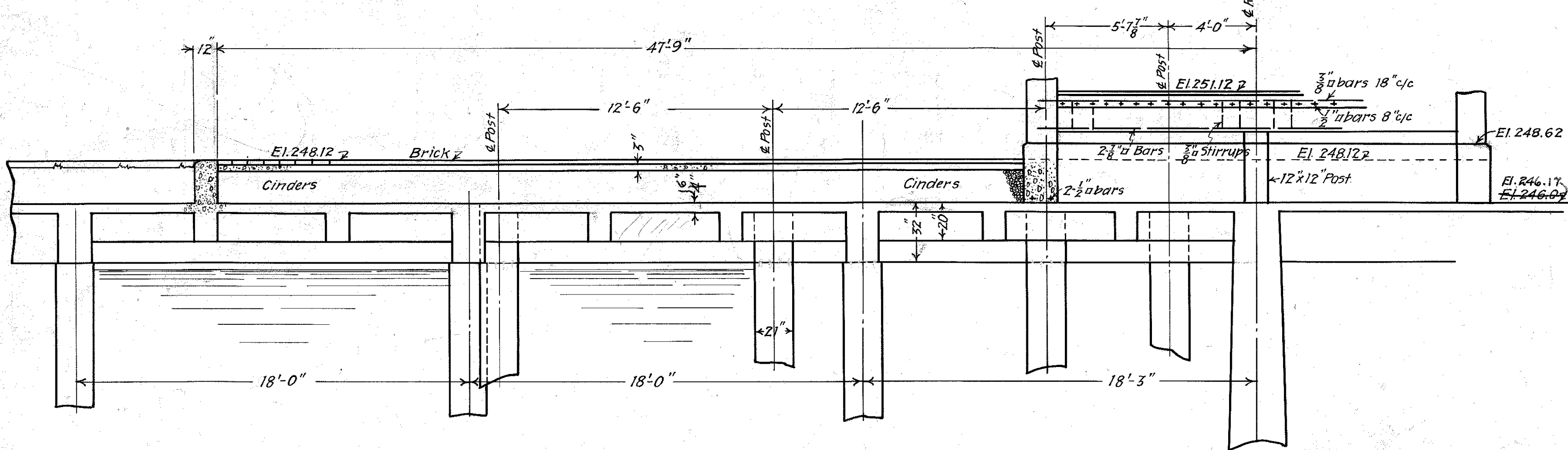


SECTION A-A.



PLAN.

All lamps except the one in the center of the band stand to be controlled by a switch in the band stand. The center lamp to be controlled from the gate house, and on the all-night circuit.



SECTION B-B.

OFFICE OF
GEORGE W. FULLER
170 BROADWAY
NEW YORK CITY

Note:
Additions in red made Nov. 9, 1916.
Further additions in red made

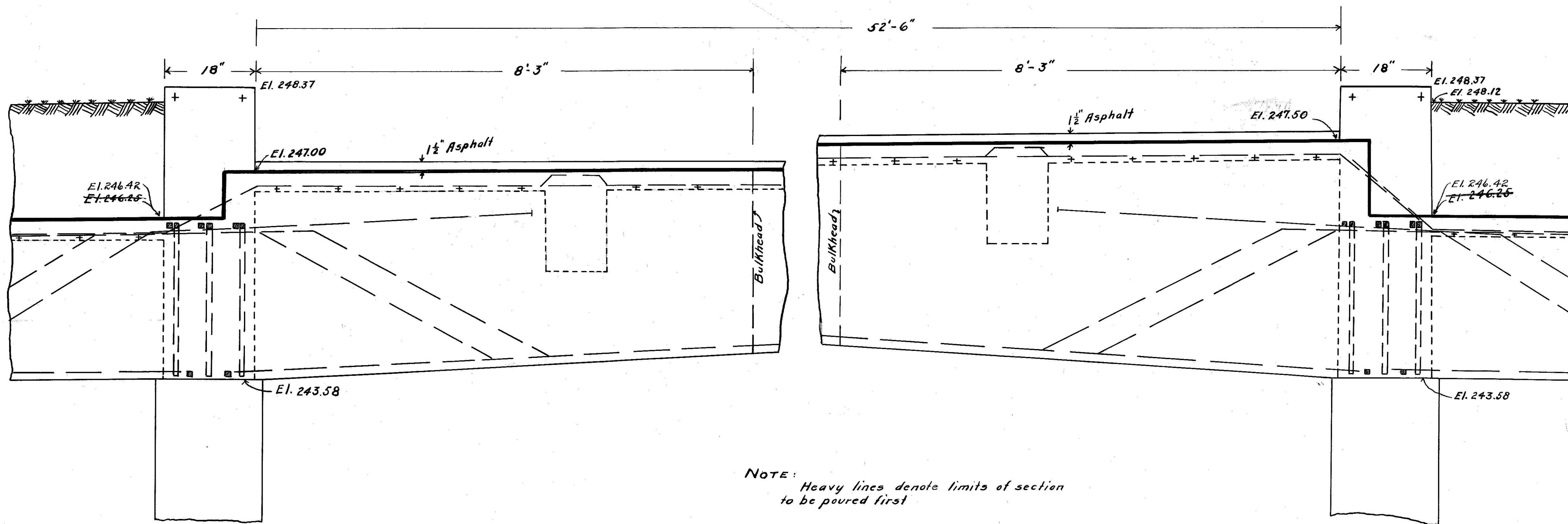
George W. Fuller
Consulting Engineer
George M. Horder, Jr.
Chief Engineer

WILMINGTON-DELAWARE
CONTRACT NO. 11
RODNEY STREET RESERVOIR
FLOOR OF
SHELTER HOUSE AND BAND STAND

MAY 1916
SCALE: 1/4" = 1'-0"

SHEET NO. 6 OF 10 SHEETS.

120006



NOTE: Heavy lines denote limits of section to be poured first

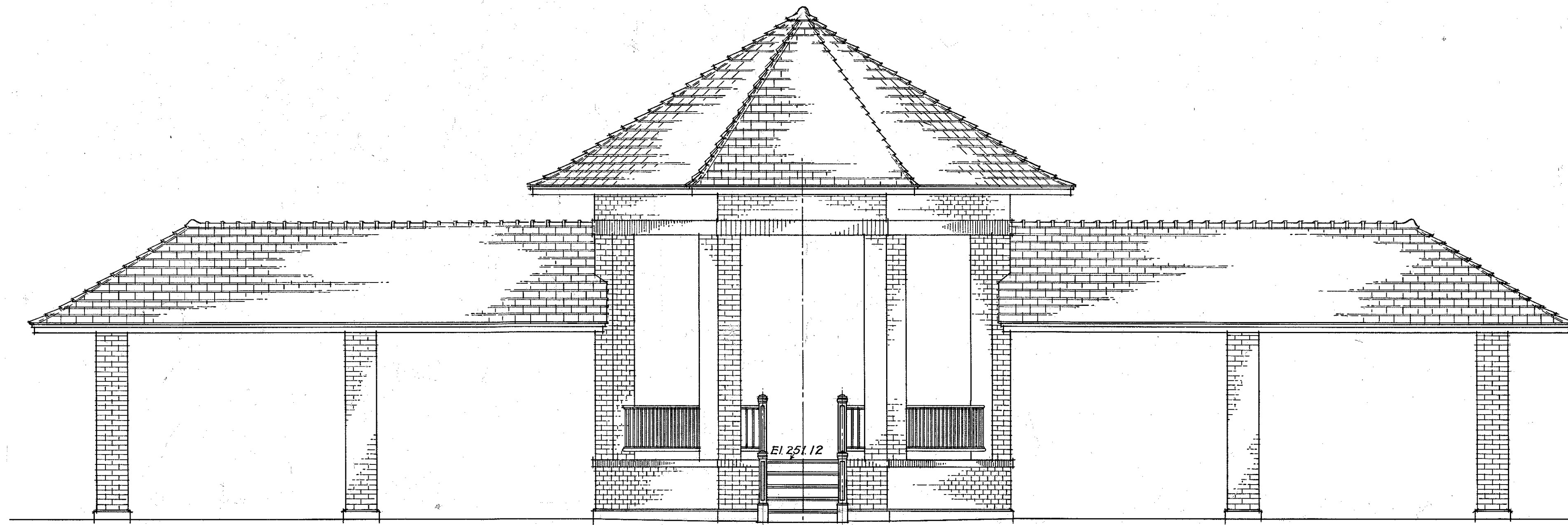
WILMINGTON-DELAWARE
 CONTRACT NO. 11
 RODNEY STREET RESERVOIR
 DETAILS OF RESERVOIR ROOF
 FEB. 1917.
 SCALE: 1"=1'-0"

120027

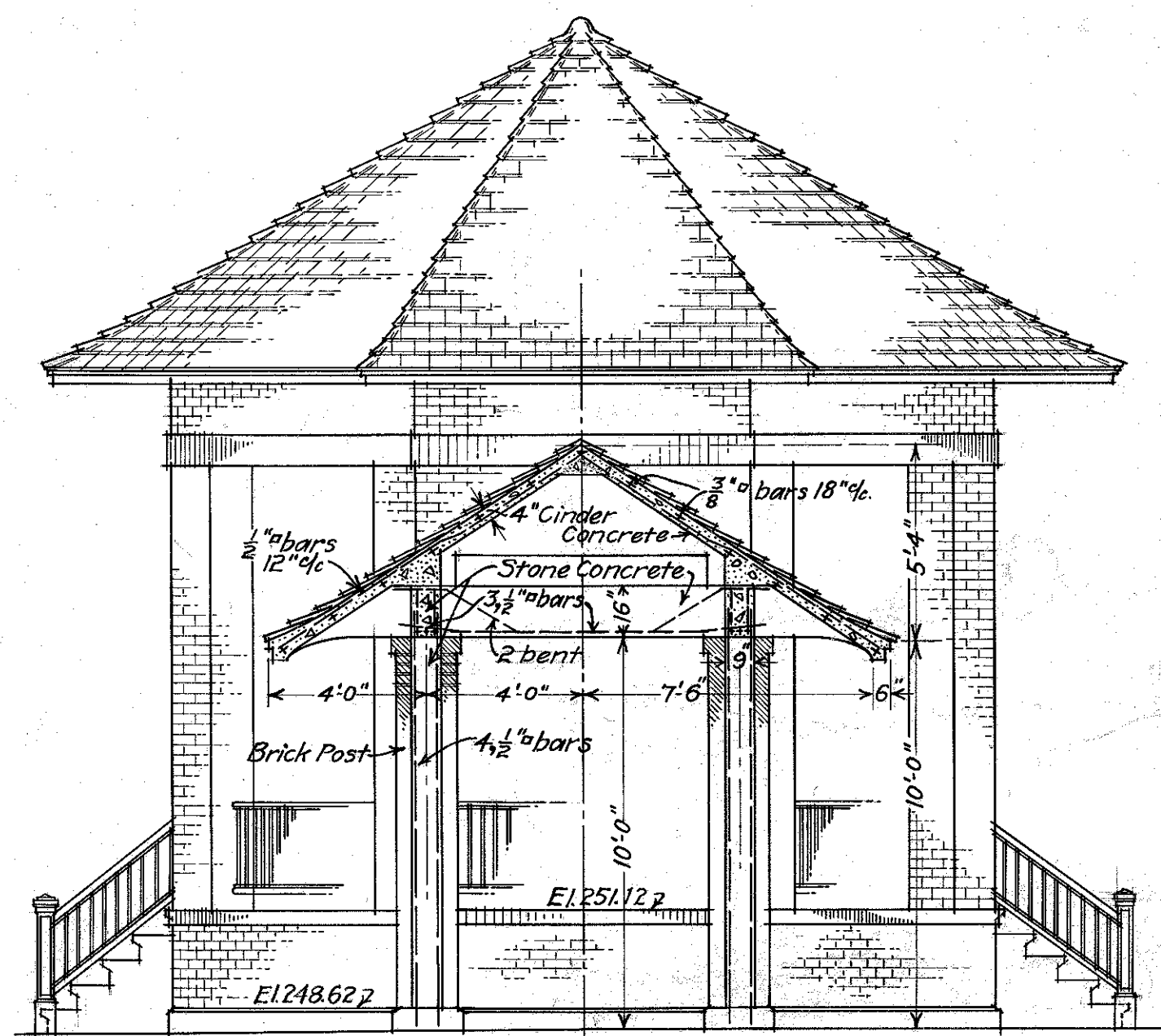
Alterations in red made

A.H.

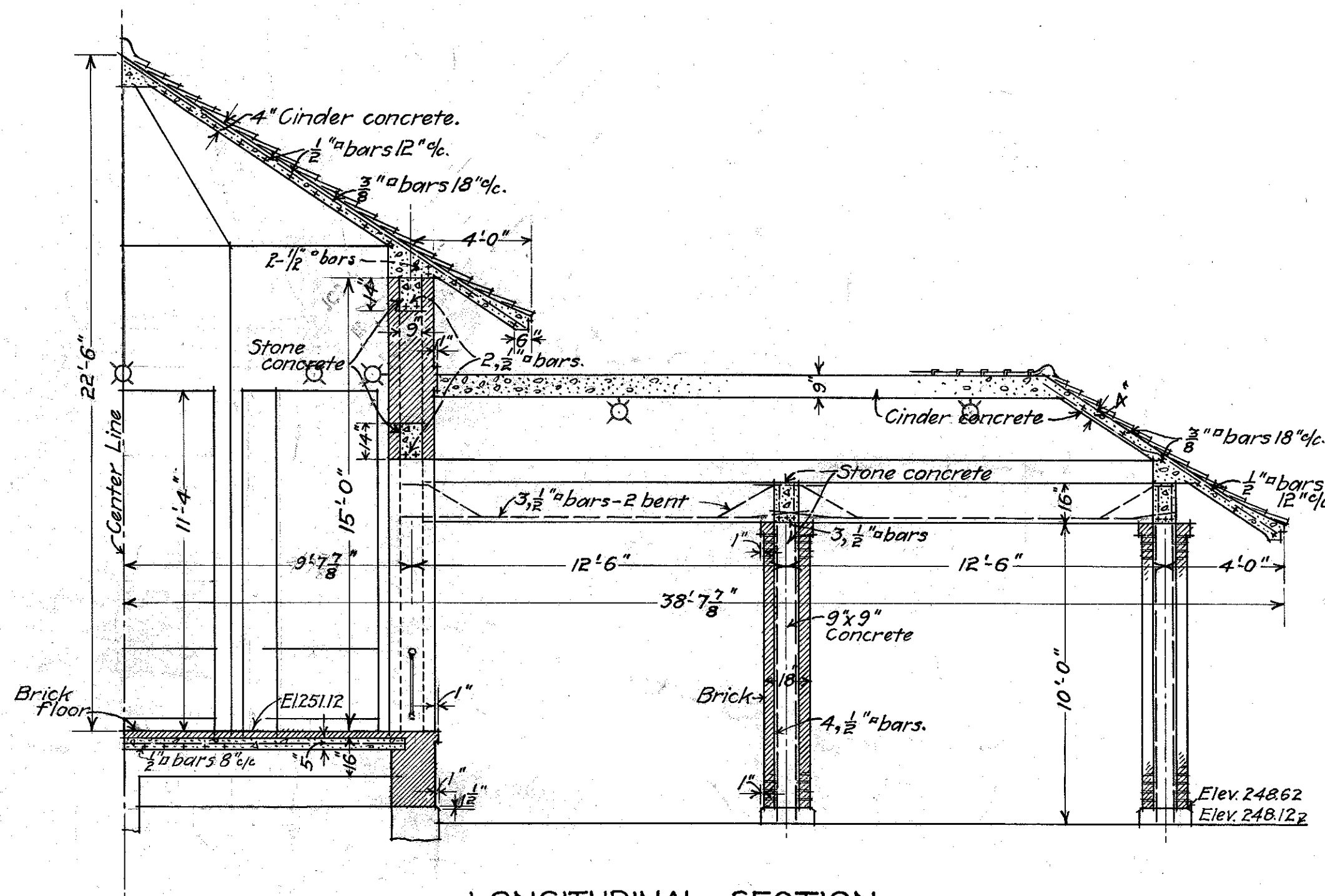
SHEET NO 27 OF 10 ORIGINAL SHEETS



SIDE ELEVATION.



SECTIONAL ELEVATION.



LONGITUDINAL SECTION.

Note:
Additions in red made Nov. 3, 1916.

OFFICE OF
GEORGE W. FULLER
170 BROADWAY
NEW YORK CITY

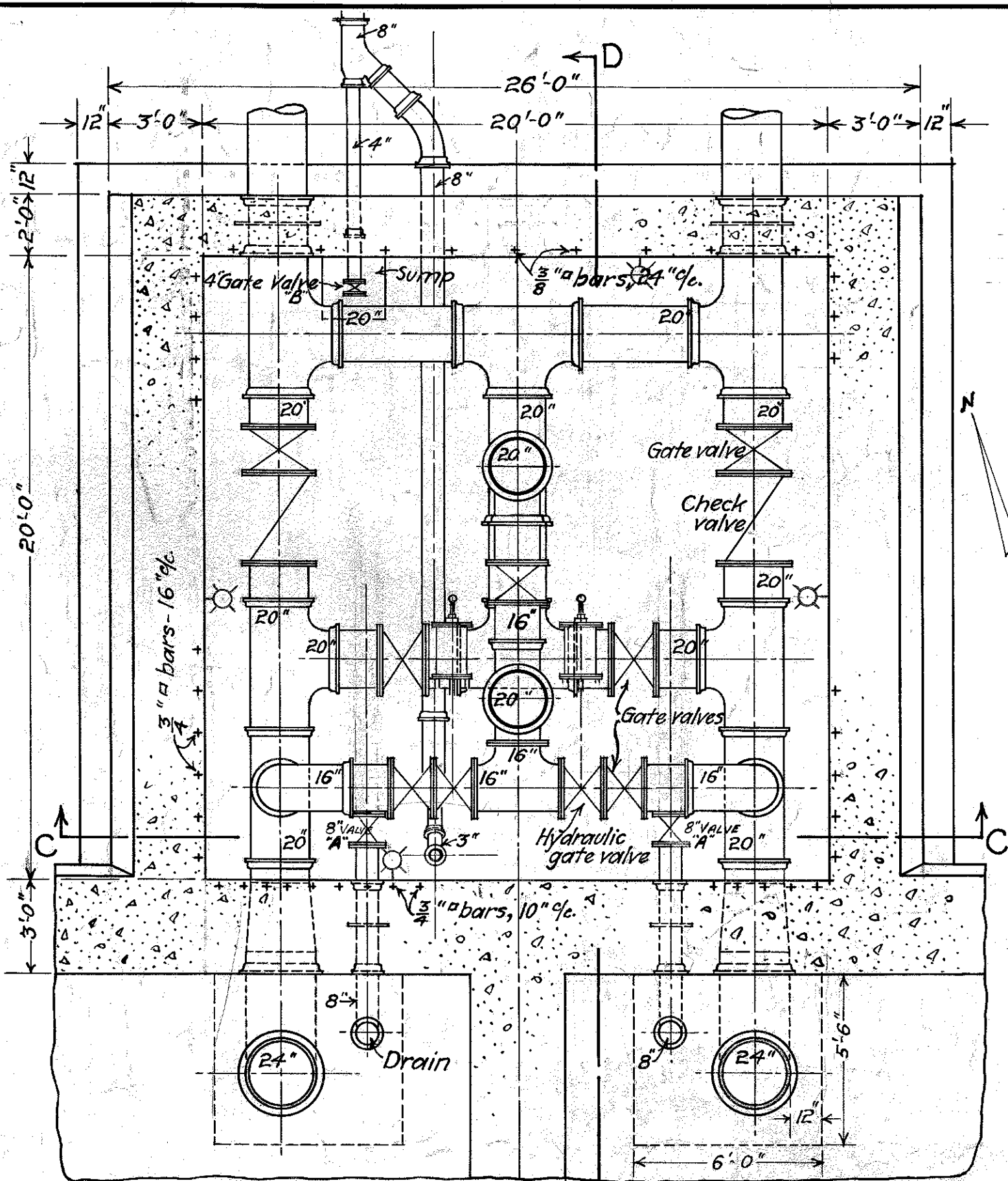
George W. Fuller
Consulting Engineer
Edgar M. ...
Chief Engineer

WILMINGTON-DELAWARE
CONTRACT No 11
RODNEY STREET RESERVOIR
DETAILS OF
SHELTER HOUSE AND BAND STAND
MAY 1916
SCALE: 1/4" = 1'-0"

SHEET No 5 OF 10 SHEETS

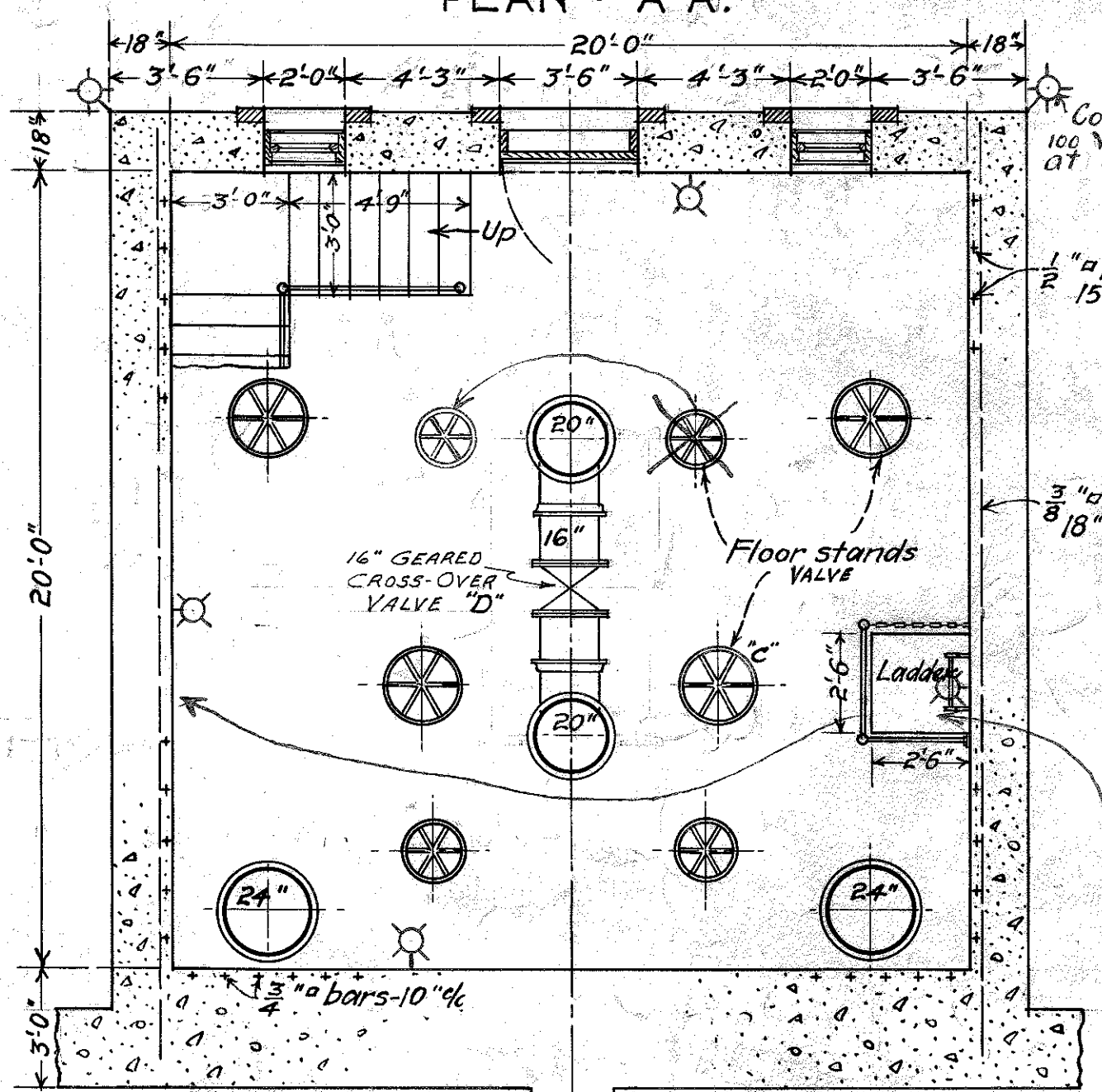
120005

Return to fabric shop to strengthen steel



All lamps on this floor to be 60 watt, and located 5'-6" above floor.

PLAN - A-A.



Interior lamps on this floor to be 60 watt, and located 6" above floor.

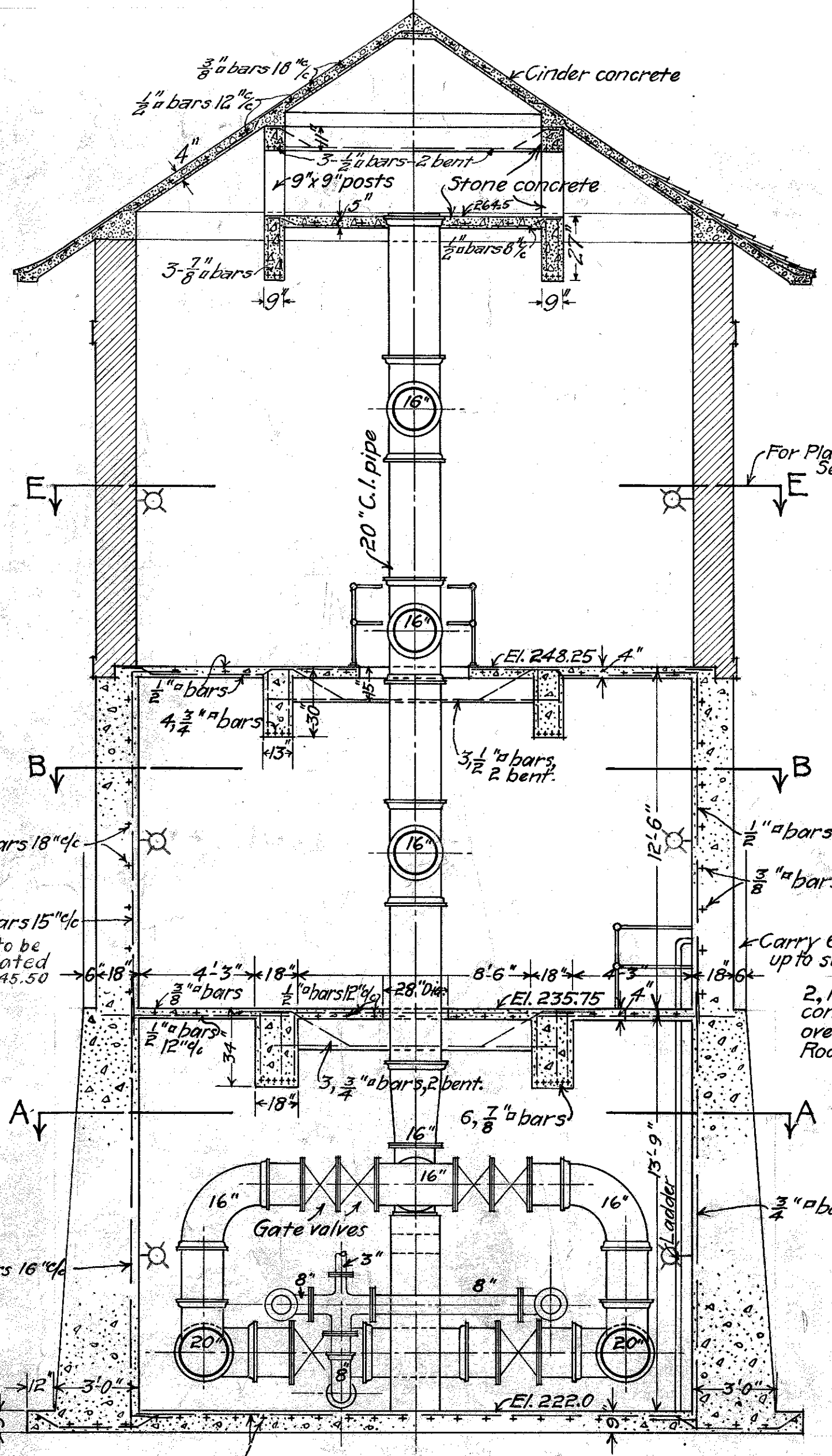
PLAN - B-B.

STEPS TO BE TAKEN TO DRAIN RODNEY RESERVOIR:

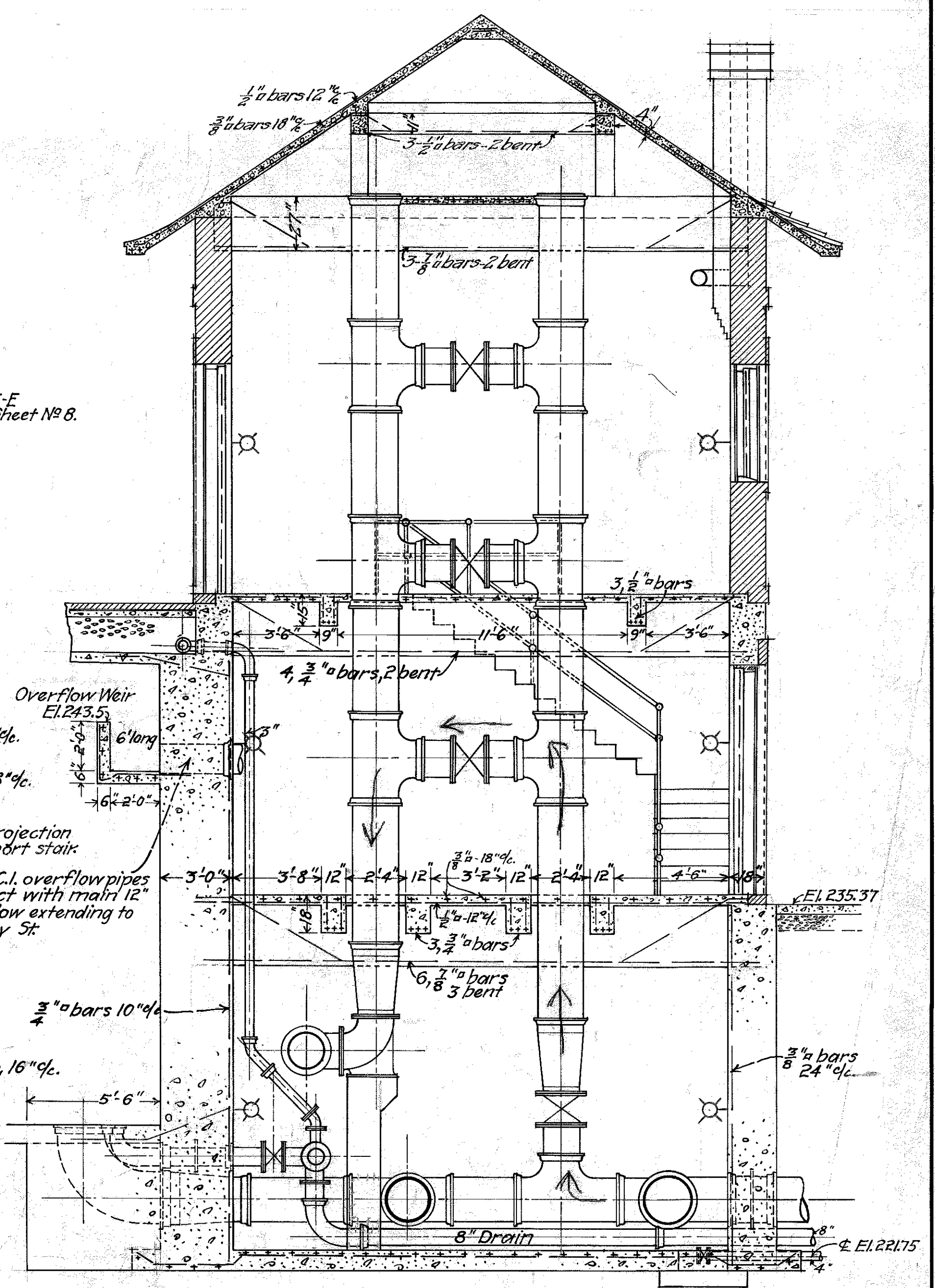
- ① OPEN TWO (2) 8" DRAIN FLANGED WHEEL VALVES LABELED "A" ON PLAN AA. THESE ARE LOCATED IN THE BASEMENT, ADJACENT TO SOUTH WALL.
- ② SHUT 4" GATE DRAIN VALVE LABELED "B" ON PLAN A-A. THIS VALVE IS LOCATED IN THE BASEMENT, ADJACENT TO NORTH WALL.
- ③ REMOVE THE MANHOLES ON TOP OF THE RESERVOIR, & VISUALLY VERIFY DRAINING PROCESS.

STEPS TO BE TAKEN TO FILL RODNEY RESERVOIR:

- ① OPEN ONE (1) WHEEL VALVE LABELED "C" LOCATED AT FIRST FLOOR, ON PLAN B-B.
- ② OPEN ONE (1) 16" GEARED CROSS-OVER VALVE, LABELED "D" LOCATED AT FIRST FLOOR, ON PLAN B-B.
- ③ MAKE SURE THAT VALVES DESCRIBED IN DRAINING PROCESS IN STEPS ① AND ② ARE SHUT.



SECTION - C-C.



SECTION - D-D.

Note: Additions in red made Nov. 9, 1916.

OFFICE OF
GEORGE W. FULLER
170 BROADWAY
NEW YORK CITY

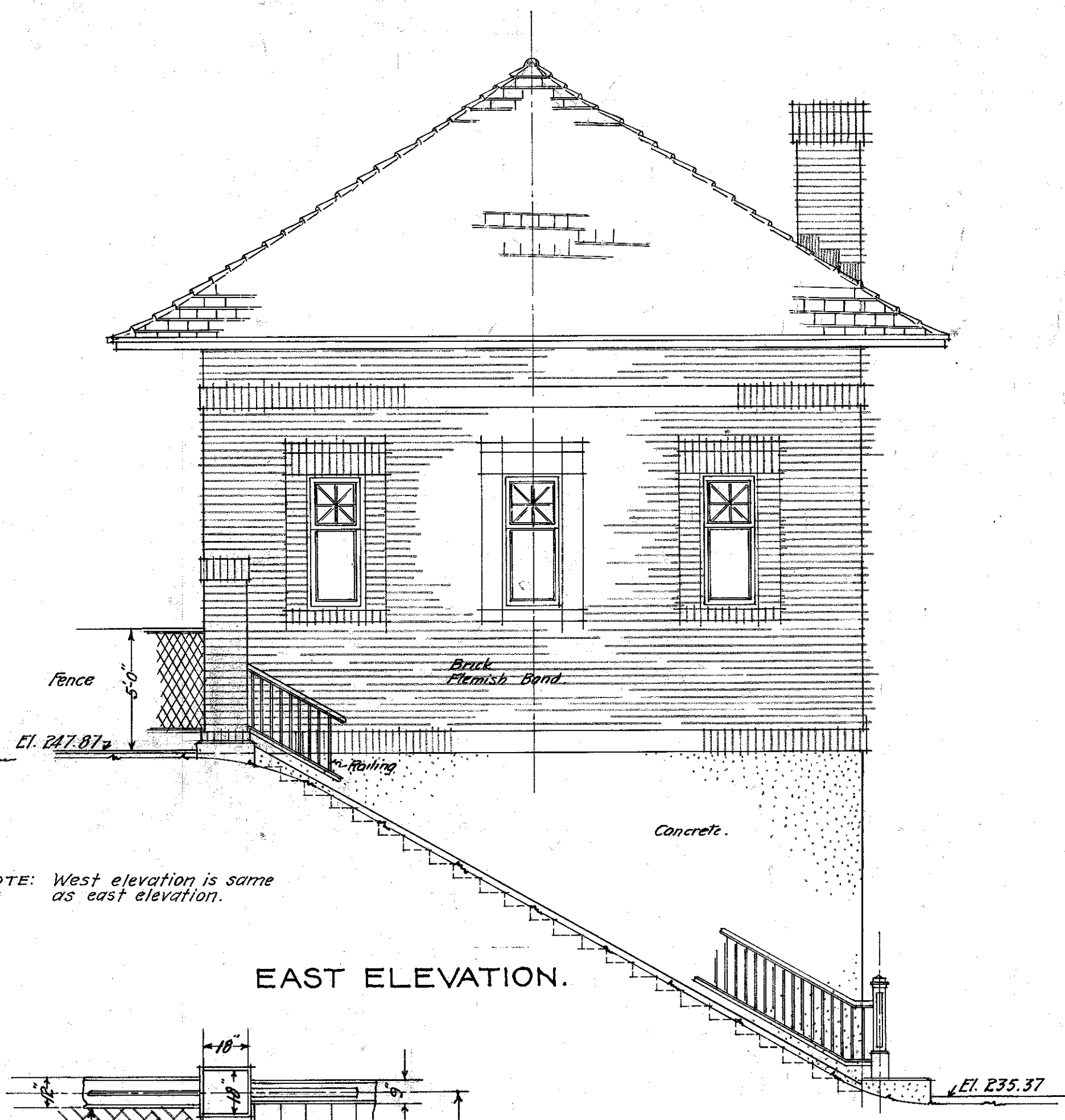
George W. Fuller
Consulting Engineer
Edgar M. ...
Chief Engineer

WILMINGTON-DELAWARE
CONTRACT NO. 11
RODNEY STREET RESERVOIR
GATE HOUSE AND PIPING CONNECTIONS
MAY 1916
SCALE: 1/4" = 1'-0"



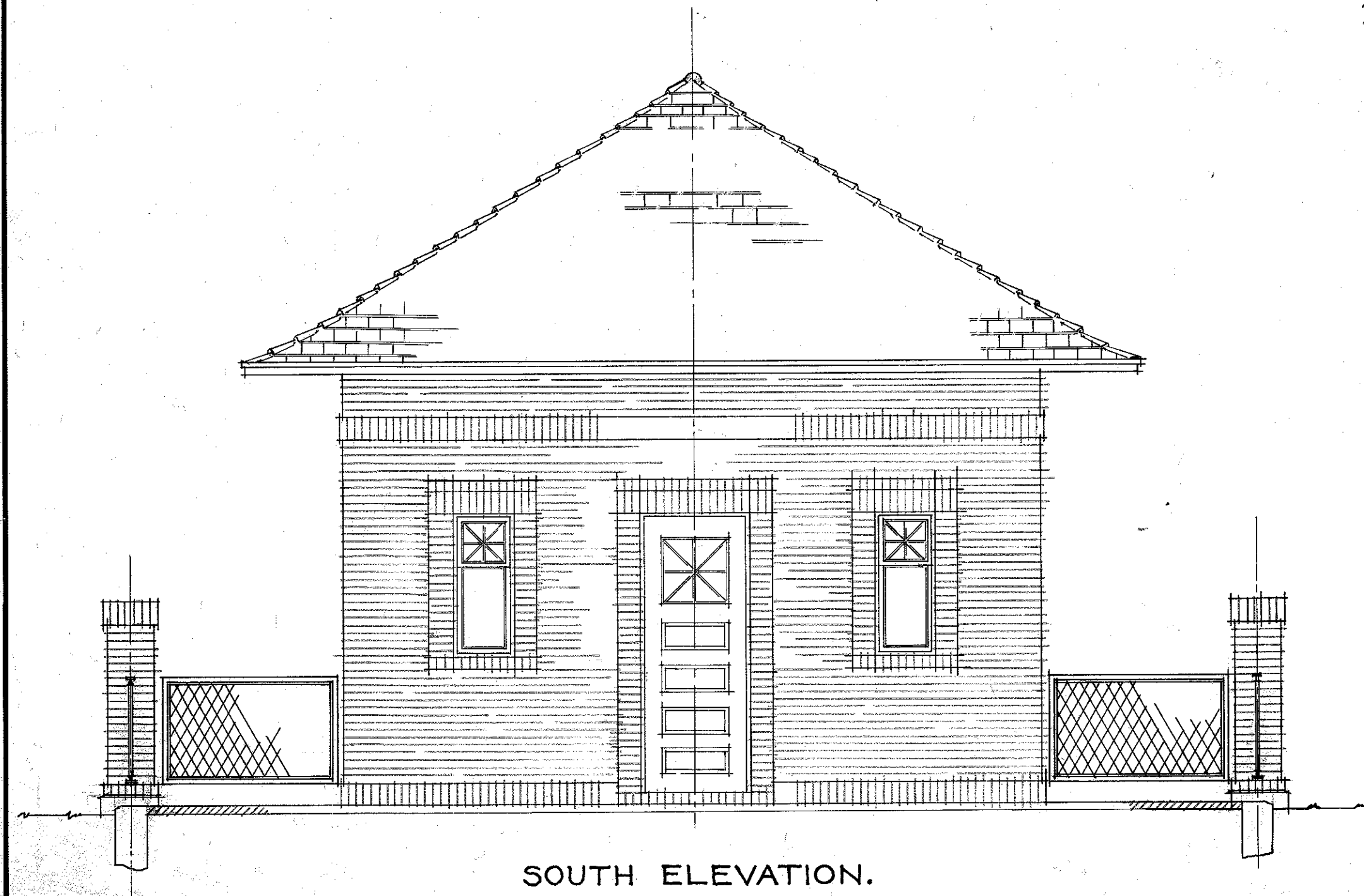
NORTH ELEVATION.

These two lamps are to be 100 watt, and located on a separate circuit.

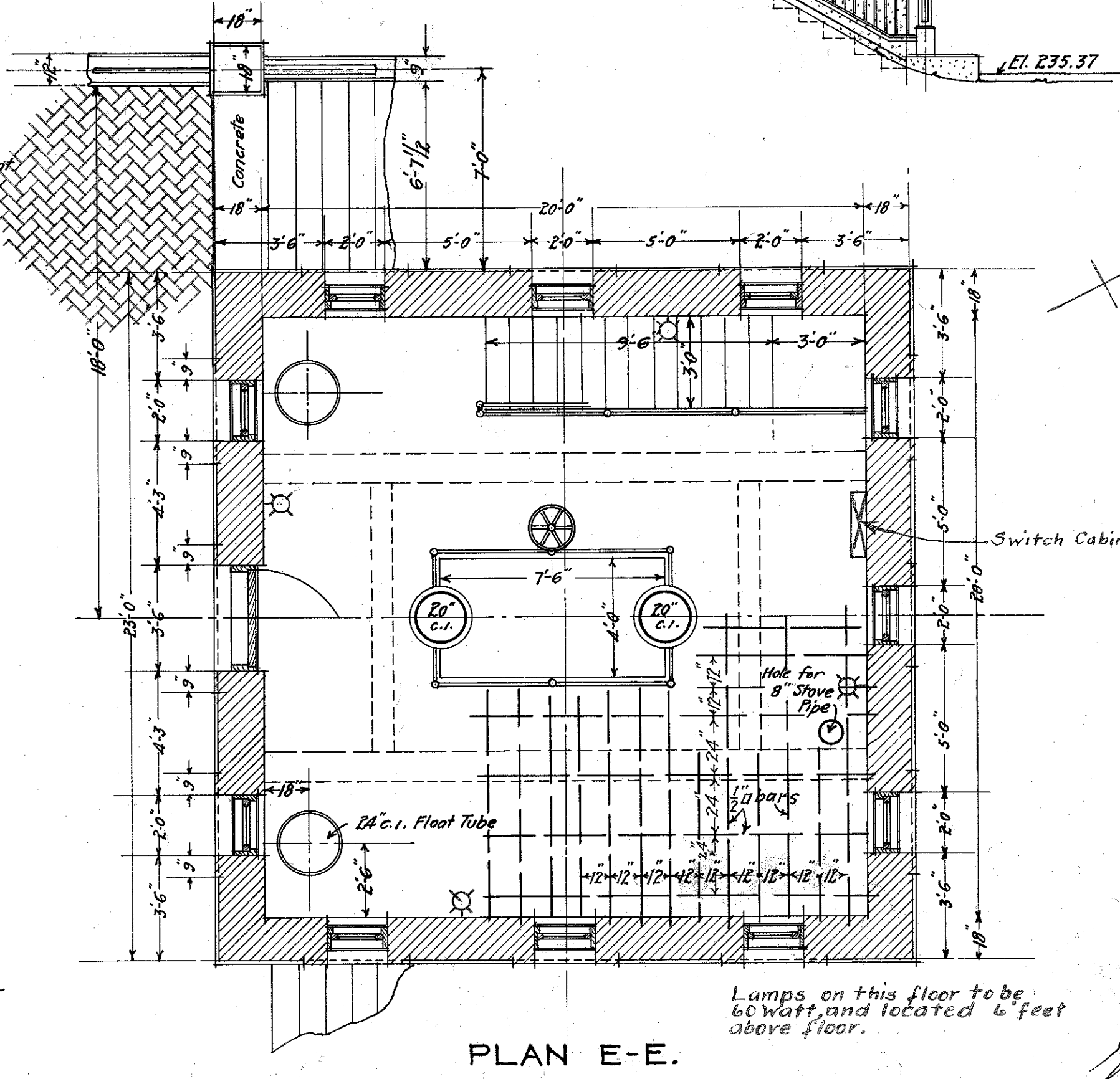


EAST ELEVATION.

NOTE: West elevation is same as east elevation.



SOUTH ELEVATION.



PLAN E-E.

Lamps on this floor to be 60 watt, and located 6 feet above floor.

Note: From gate house switch cabinet are to be controlled:
 2 exterior circuits
 1 circuit for the bracket lamps at the corners of the gate house,
 12-60 watt lamps in gate house.

Note: Additions in red made Nov. 8, 1916.

OFFICE OF
 GEORGE W. FULLER
 170 BROADWAY
 NEW YORK CITY

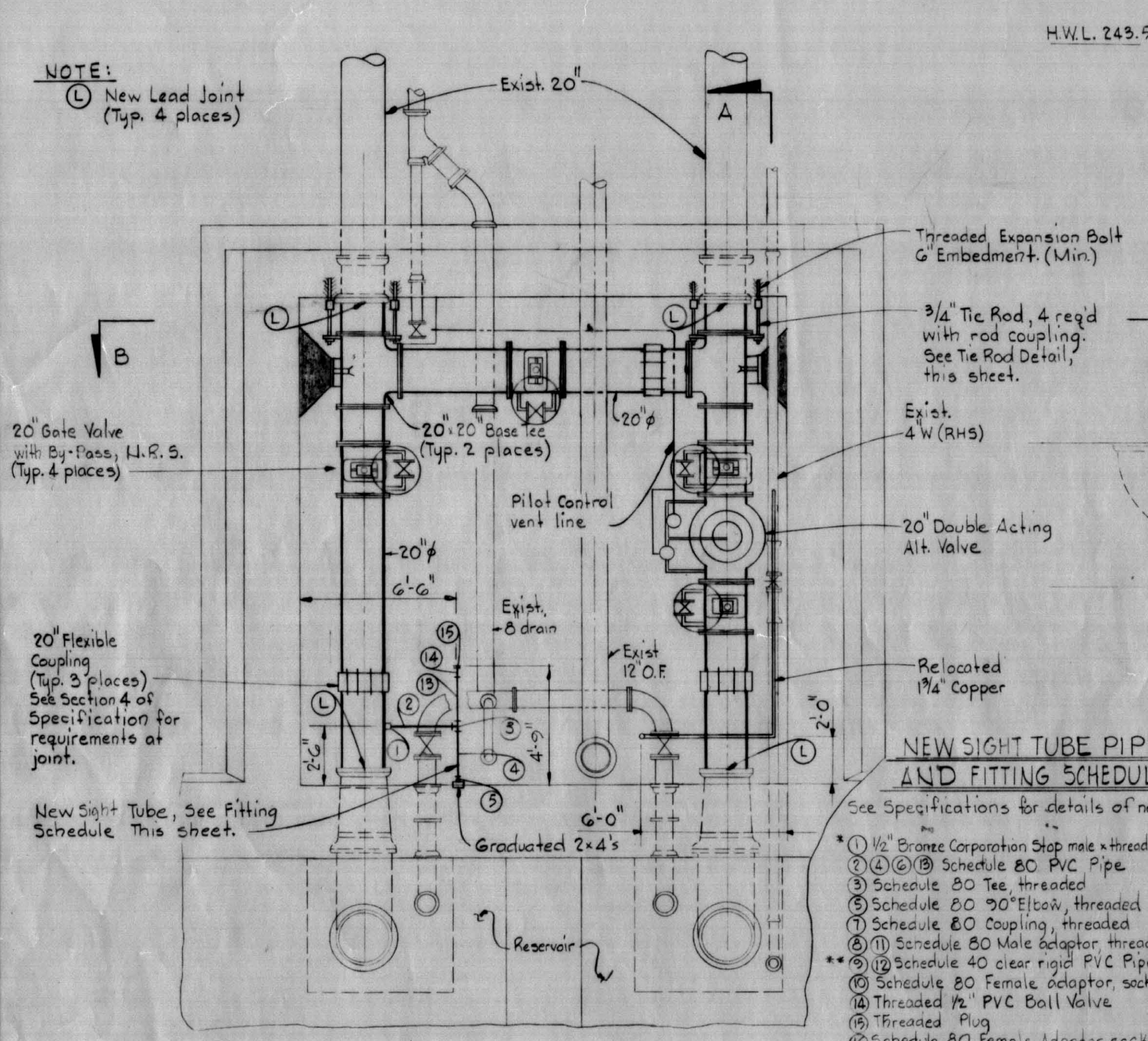
George W. Fuller
Charles H. Anderson

WILMINGTON-DELAWARE
 CONTRACT NO 11
 RODNEY STREET RESERVOIR
 GATE HOUSE SUPERSTRUCTURE
 MAY 1916
 SCALE: 1/4" = 1'-0"

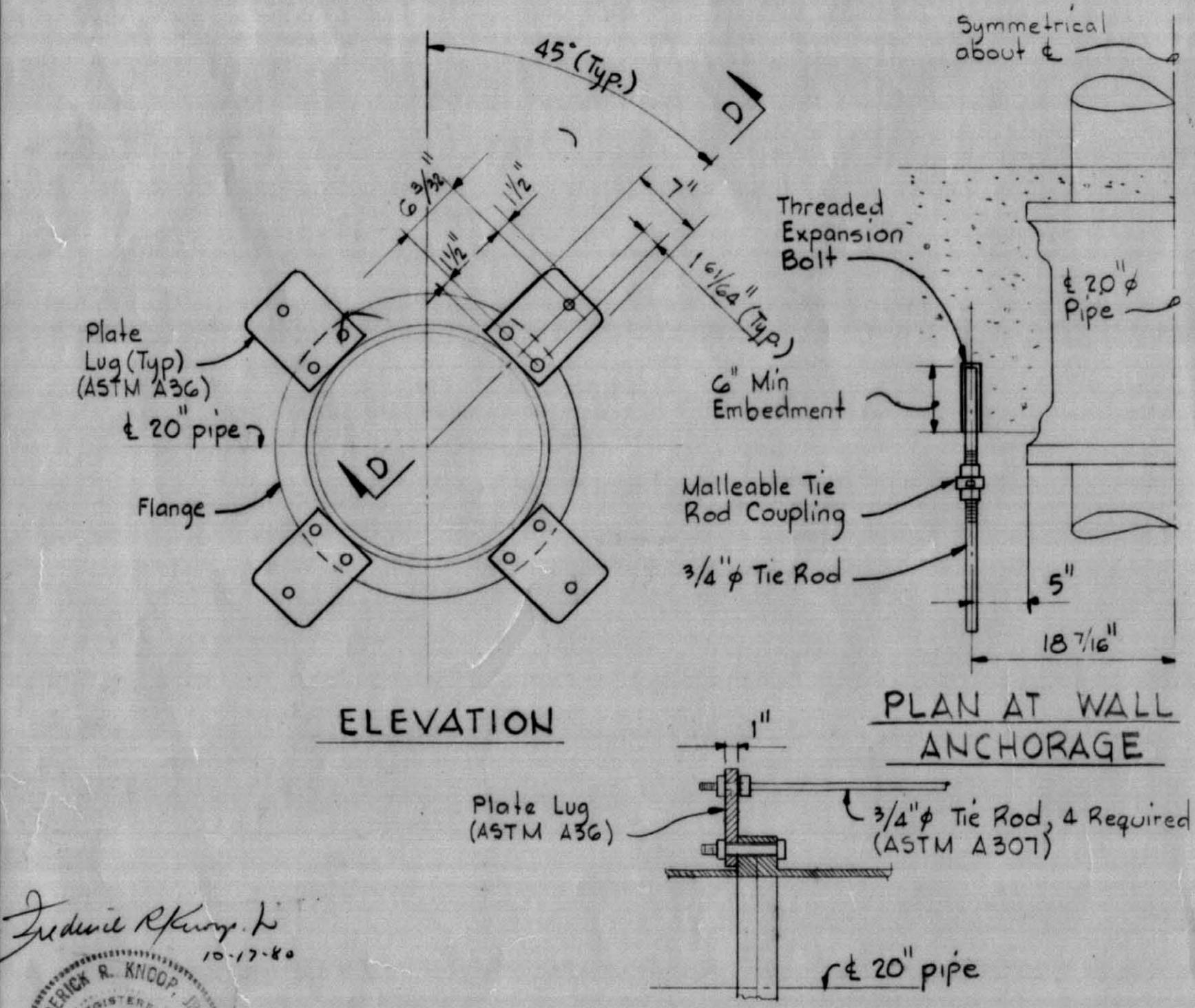
SHEET NO 8 OF 10 SHEETS

120008

NOTE:
 (L) New Lead Joint (Typ. 4 places)

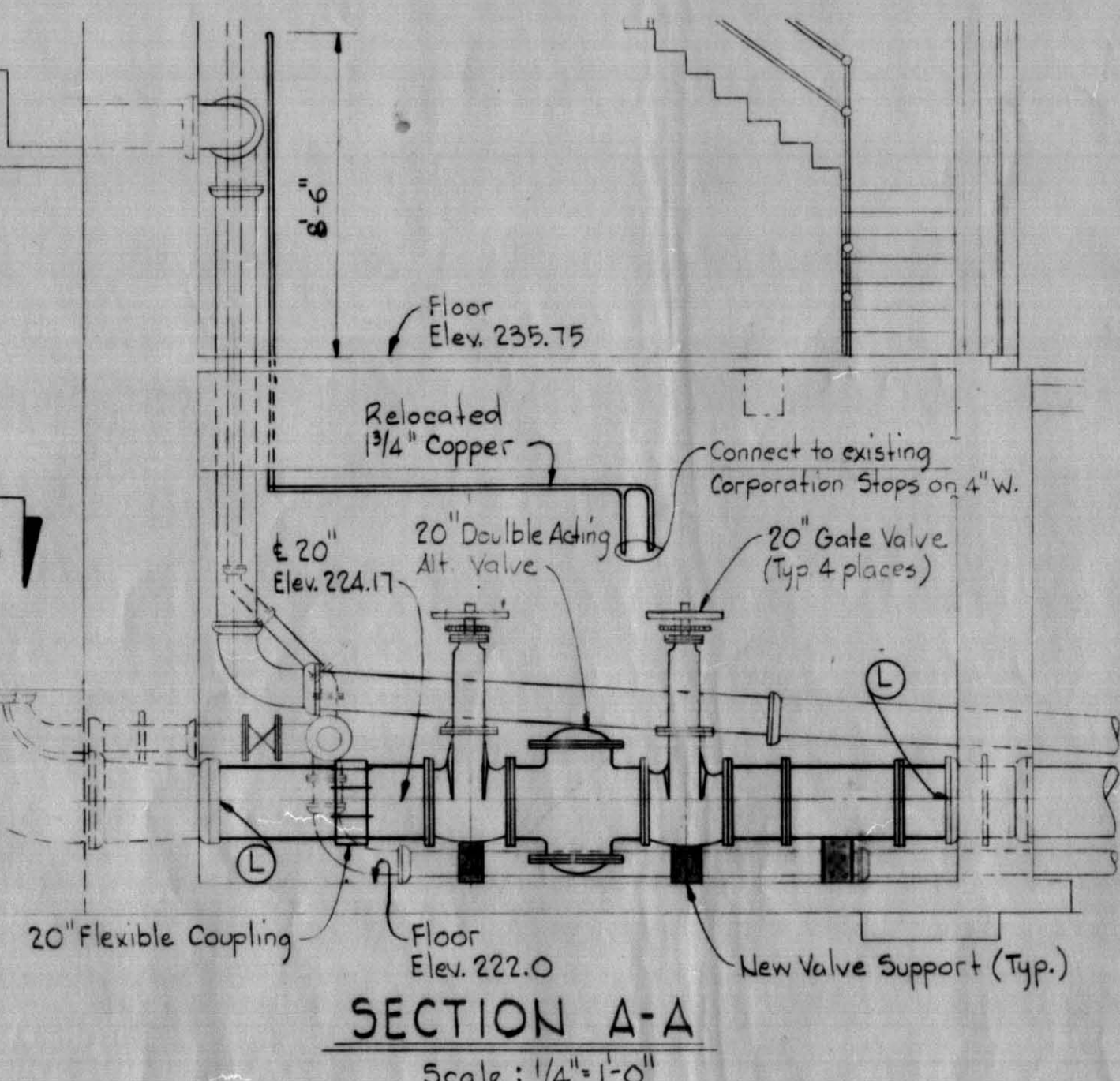


BASEMENT LEVEL NEW PIPING PLAN
 Scale: 1/4" = 1'-0"

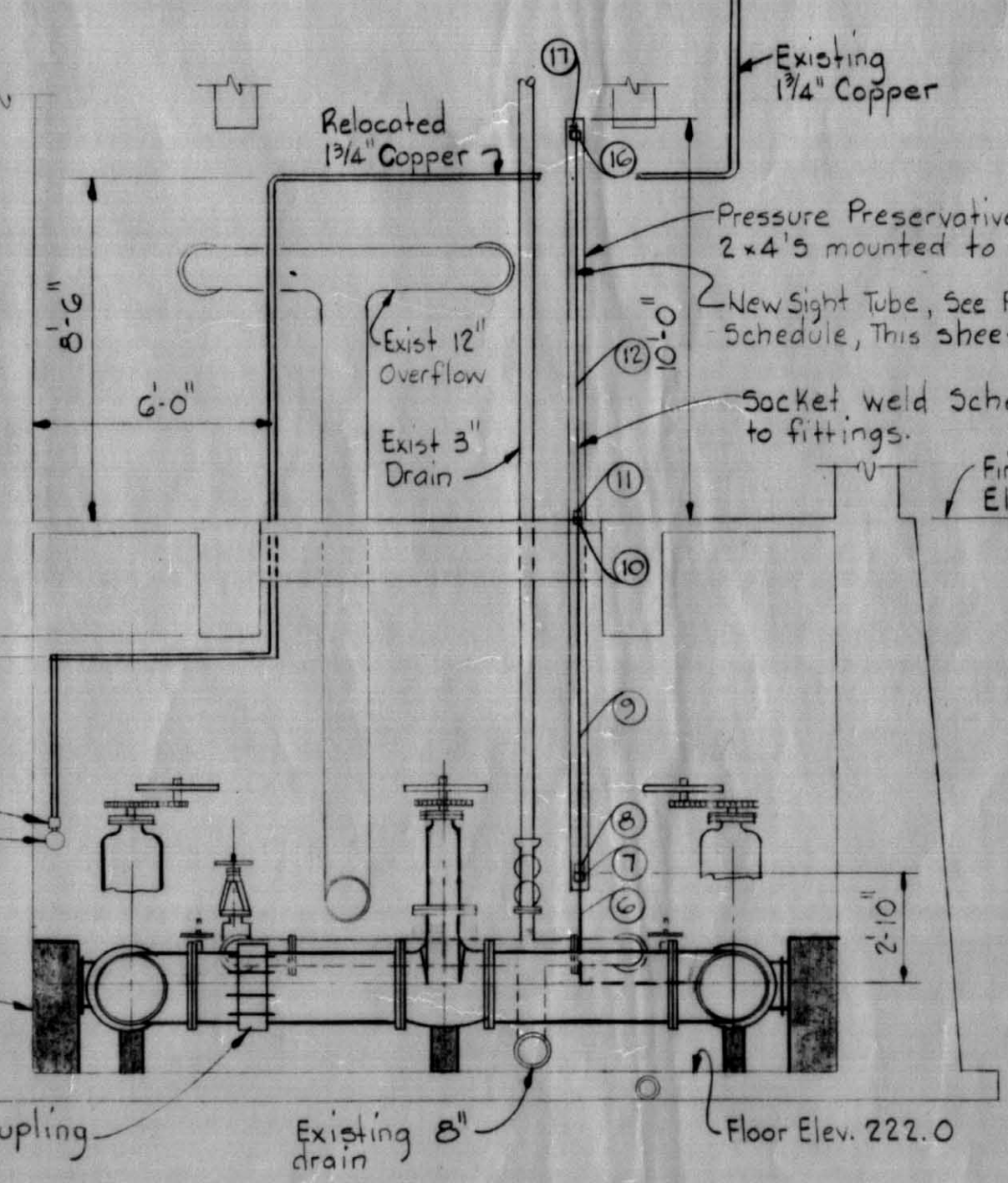


SECTION D-D TIE ROD DETAIL
 No Scale

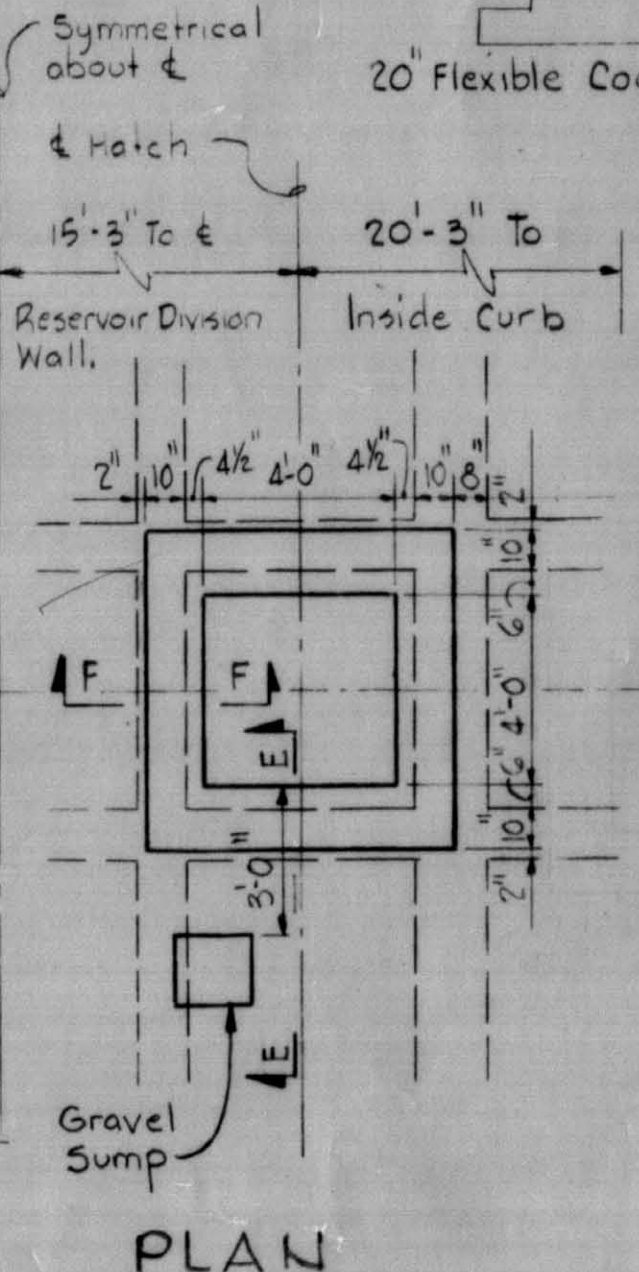
- NEW SIGHT TUBE PIPE AND FITTING SCHEDULE**
 See Specifications for details of new Sight Tube.
- 1) 1/2" Bronze Corporation Stop male x threaded female outlet.
 - 2) Schedule 80 Tee, threaded.
 - 3) Schedule 80 Tee, threaded.
 - 4) Schedule 80 Tee, threaded.
 - 5) Schedule 80 Tee, threaded.
 - 6) Schedule 80 Tee, threaded.
 - 7) Schedule 80 Tee, threaded.
 - 8) Schedule 80 Tee, threaded.
 - 9) Schedule 80 Tee, threaded.
 - 10) Schedule 80 Tee, threaded.
 - 11) Schedule 80 Tee, threaded.
 - 12) Schedule 80 Tee, threaded.
 - 13) Schedule 80 Tee, threaded.
 - 14) Schedule 80 Tee, threaded.
 - 15) Schedule 80 Tee, threaded.
 - 16) Schedule 80 Tee, threaded.
 - 17) Schedule 80 Tee, threaded.
 - 18) Schedule 80 Tee, threaded.
 - 19) Schedule 80 Tee, threaded.
 - 20) Schedule 80 Tee, threaded.



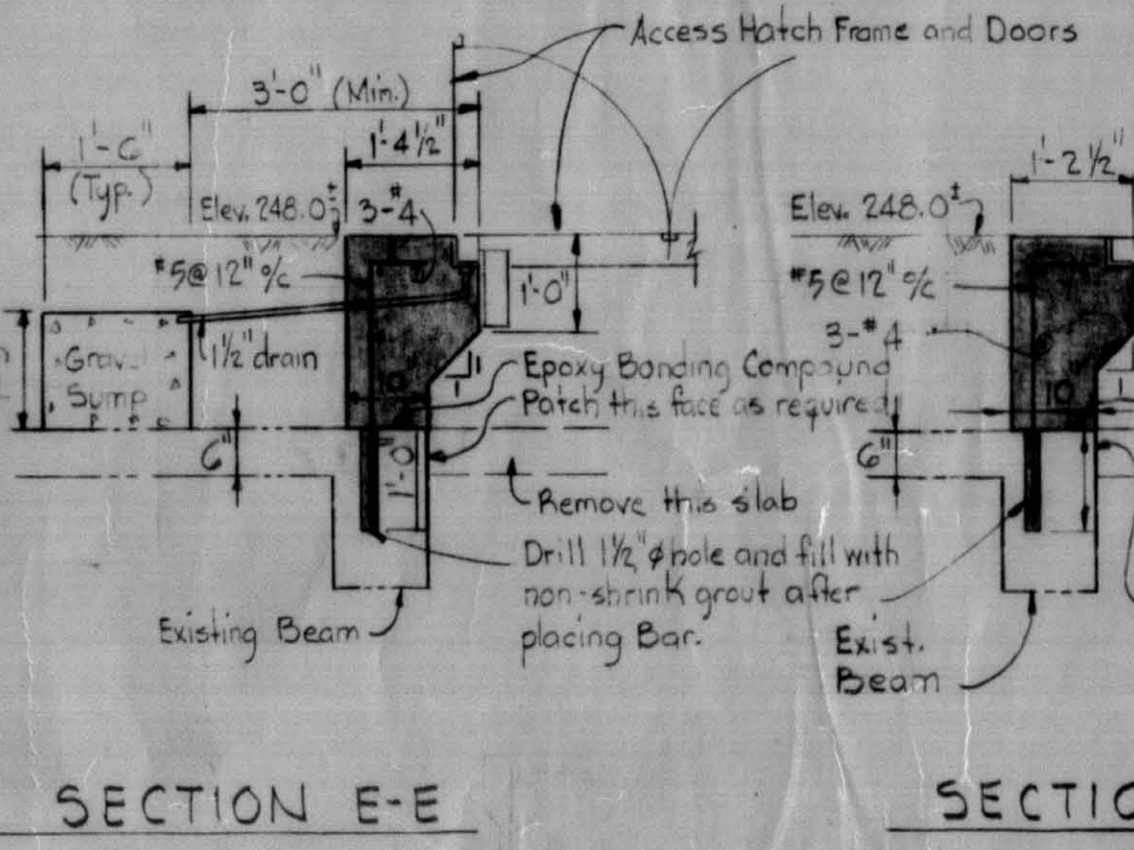
SECTION A-A
 Scale: 1/4" = 1'-0"



SECTION B-B
 Scale: 1/4" = 1'-0"

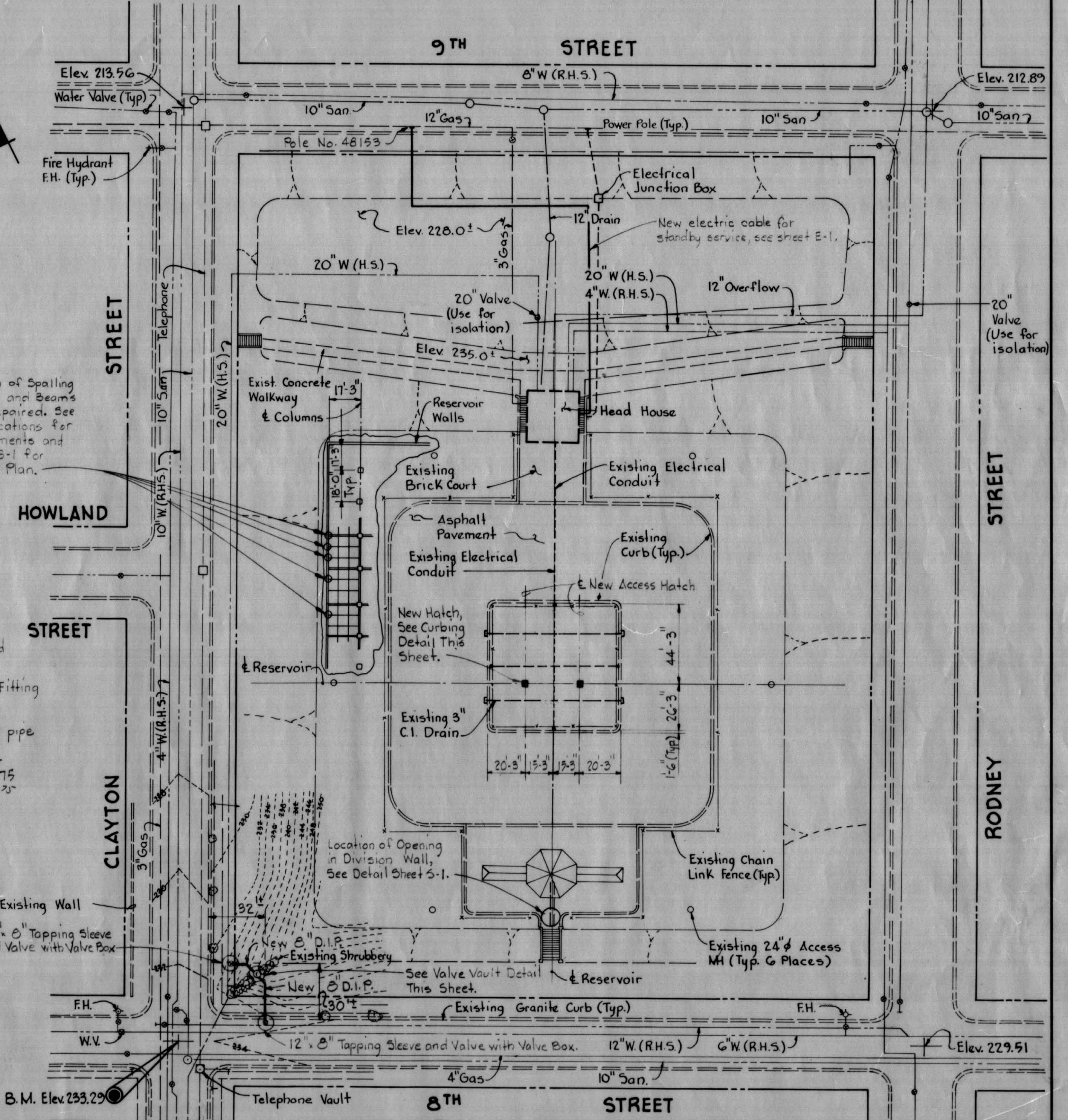


CURBING DETAIL FOR ACCESS HATCH
 No Scale

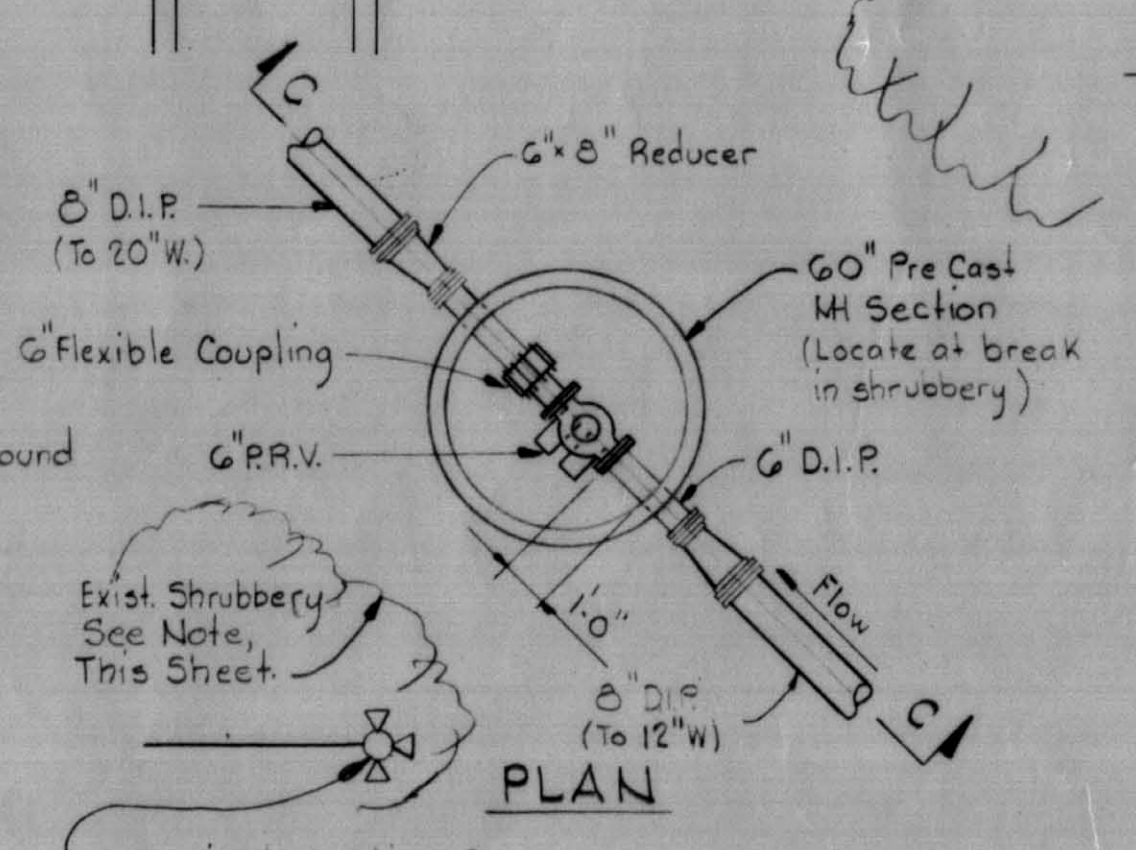


SECTION E-E

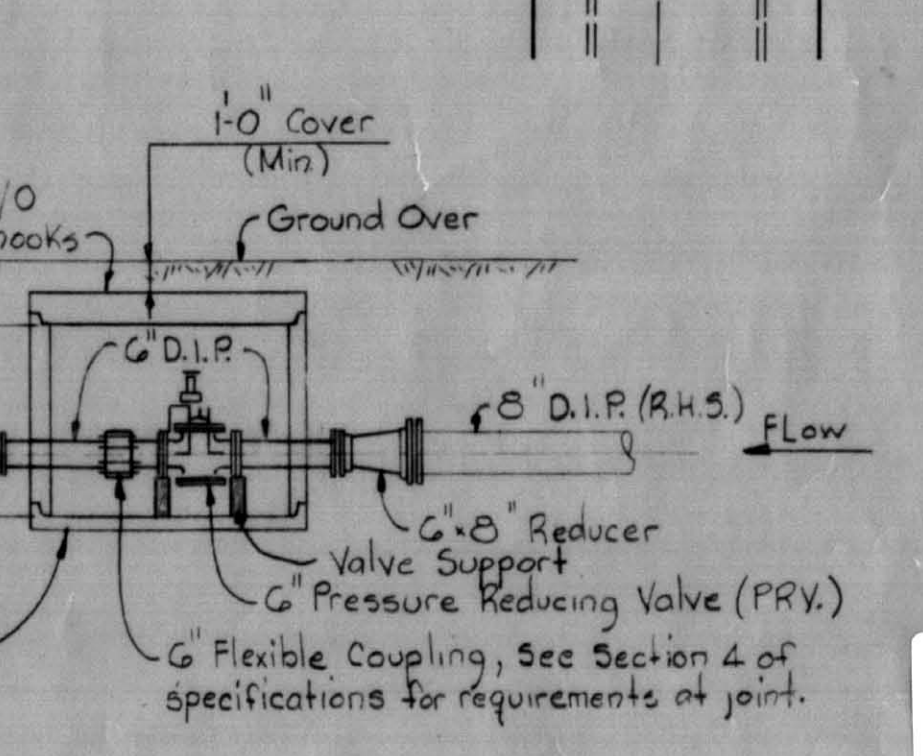
SECTION F-F



PLAN
 Scale: 1" = 40'

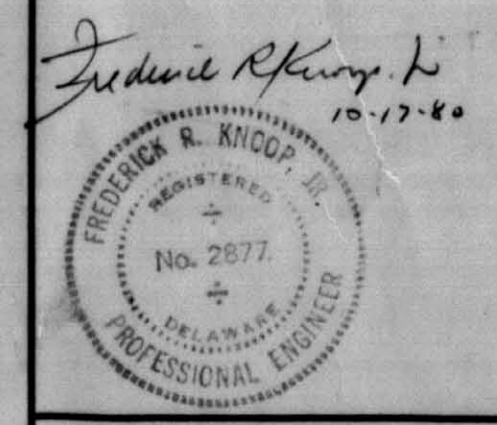


VALVE VAULT DETAIL
 Scale: 1/2" = 1'-0"



SECTION C-C

NOTE:
 Existing shrubbery shall be balled and saved as required for vault installation. After vault installation, the contractor shall replant and maintain shrubbery at original location.



WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 1304 ST. PAUL ST.
 BALTIMORE, MARYLAND

WILMINGTON, DELAWARE
 DEPARTMENT OF PUBLIC WORKS
 WILLIAM G. TURNER, COMMISSIONER

CONTRACT NO.
 W.D. 81010

MODIFICATIONS TO
 RODNEY STREET RESERVOIR

RESERVOIR / HEAD HOUSE
 NEW PIPING
 PLANS, SECTIONS AND DETAILS

DRAWN BY: L.E.S.
 CHECKED BY: L.E.B./J.S.M.
 DATE: OCT. 17, 1980

SCALE
 AS SHOWN

DRAWING
 NO. 3
 OF 6

SHEET
M-2