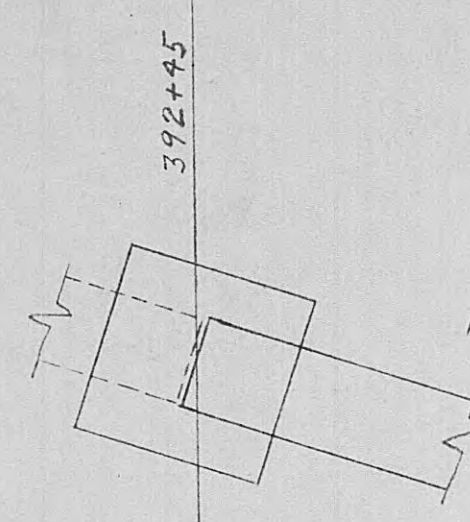
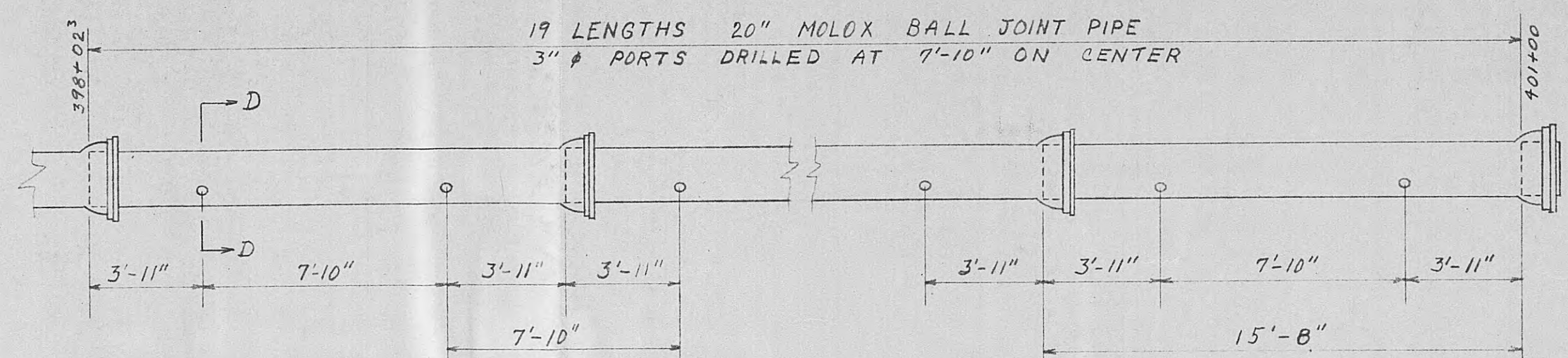


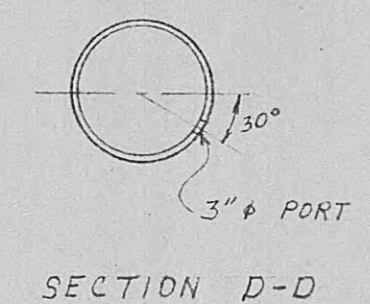


CONCRETE COLLAR FOR JOINING
MOLOX PIPE TO V.C. PIPE
SECTION A-A

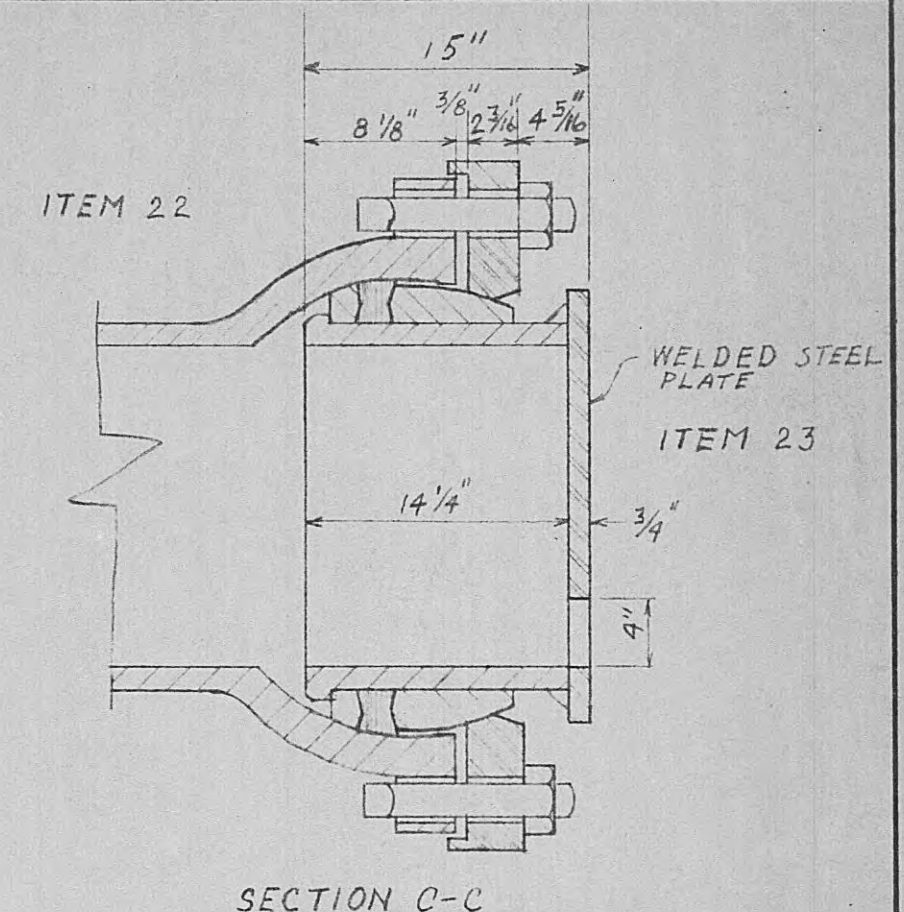
ITEM 20: WILL BE FURNISHED 15'-1 7/8" APPROX. OVERALL. THIS LENGTH WILL EXTEND TO ABOUT STA. 392+41. PIPE MAY BE CUT IN FIELD TO PUT END AT EXACTLY 392+43; OR END AND CONCRETE COLLAR POSITION MAY BE MOVED TO SUIT ACTUAL LENGTH OF ITEM 20.



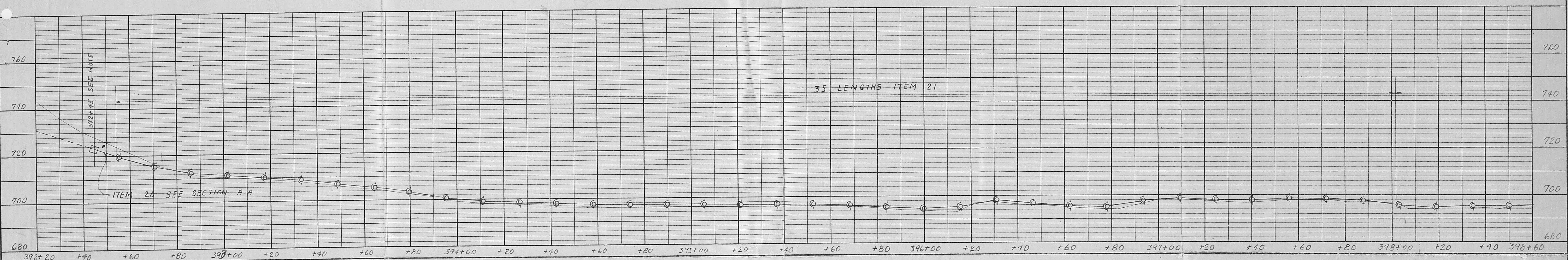
SECTION B-B



SECTION D-D



SECTION C-C



BILL OF MATERIAL

MARK	NO. REQD	DESCRIPTION	CLASS
		ENAMELINED	
20	1	20" MOLOX SOCKET & PE PIPE 15'-1 7/8" O.A.	B
21	35	20" MOLOX BALL JOINT PIPE 15'-8" L.L.	B
22	19	20" DITTO DRILL TWO 3" HOLES.	B
		SEE SKETCH	
23	1	20" MOLOX BALL & CLOSED END PIPE WITH 4" HOLE ON INVERT. SEE SKETCH	B

CUT NO. 20 & 23 FROM ONE FULL LENGTH OF MOLOX BALL JOINT PIPE.

APPROVED
JAN 13 1958
WILDEMAN & SINGLETON ENGINEERS
By *E. L. Smith*

HAILEY P.O. 1745 JOB 1310
ACIPCO 28719

THIS DWG. MADE FROM PLANS OF
WILDEMAN & SINGLETON ENGINEERS
ATLANTA, GEORGIA

AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA
FOR: W.L. HAILEY & COMPANY, INC.

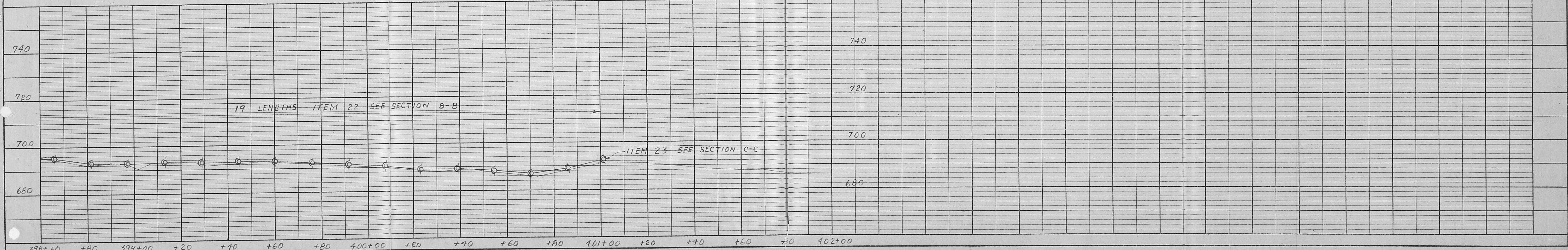
SUBJECT: SEWAGE SYSTEM IMPROVEMENT: HARRIMAN, TENNESSEE
DETAIL: DIV I, 20" MOLOX BALL JOINT PIPE
WATTS BAR EMBAYMENT ~ TENNESSEE RIVER

OUR DRAWING IS NOT GUARANTEED FOR CORRECTNESS OF EITHER DESIGN OR DETAIL DIMENSIONS AND IS SUBMITTED ONLY AS A SERVICE TO CUSTOMER FOR AID IN DETERMINING THE CAST IRON PIPE AND FITTINGS, OR OTHER ACIPCO PRODUCTS, REQUIRED. IF ORDER IS TO BE ENTERED FROM BILL OF MATERIAL SHOWN ON THIS PRINT, ONE PRINT WITH ALL CORRECTIONS AND CONTRACTOR'S AND ENGINEER'S APPROVAL NOTED THEREON MUST BE RETURNED TO ACIPCO. ORIGINAL DRAWING WILL THEN BE REVISED AND REQUIRED NUMBER OF PRINTS FURNISHED.

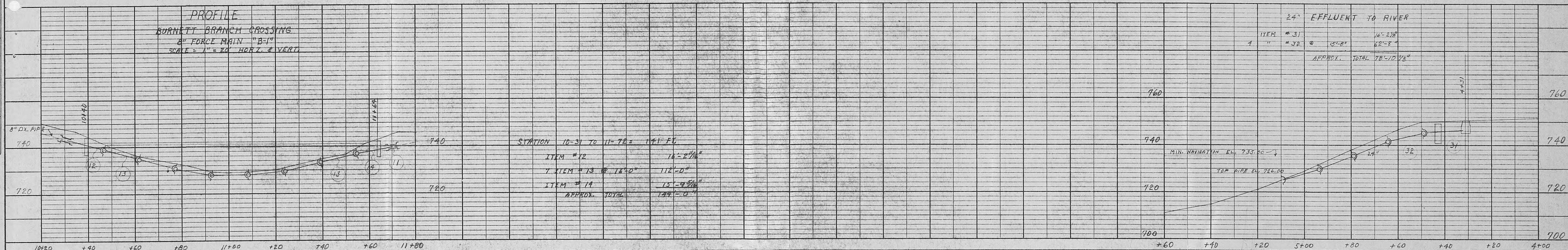
ALL PIPE TO BE CLASS GIVEN IN BILL OF MATERIAL. ALL BELL AND SPIGOT FITTINGS A.W.W.A. STANDARD UNLESS OTHERWISE NOTED. ALL FLANGED FITTINGS TO HAVE CENTER TO FACE OR FACE TO FACE DIMENSIONS AS DENOTED IN BILL OF MATERIAL. WHERE FITTINGS WITH 125# STANDARD DIMENSIONS ARE SPECIFIED, BODY OF FITTING WILL BE FURNISHED A.W.W.A. CLASS D THICKNESS UNLESS OTHERWISE NOTED. ALL FLANGES F&D AMERICAN 125# STANDARD UNLESS OTHERWISE SPECIFIED.

ALL RANDOM LENGTH PIPE SPECIFIED WITH SPIGOTS MAY BE FURNISHED WITH PLAIN ENDS. ALL PIPE SPECIFIED WITH FLANGES MAY BE FURNISHED WITH FLANGES SCREWED ON OR CAST INTEGRAL. OUR OPTION.

APPROVED
RE-DRAWN 1/15/58 REV. SCALE
TRACED REV. AS SHOWN
CHECKED REV. ES-8548



PROFILE
BURNETT BRANCH CROSSING
8" FORCE MAIN "B-1"
SCALE = 1" = 20' HORIZ. & VERT.



BILL OF MATERIAL

MARK	NO. REQD	DESCRIPTION	CLASS			CLASS
		ENAMELINED	31	1	24" MOLOX SOCKET-PE PIPE 16'-4 1/2" O.A. SATISFACTORY TO FURNISH PE THIS PIECE WITH SHOULDER END AS CAST FOR MOLOX.	B
1	2	16" DX-MJ SLEEVE 15' LG.				
2	2	16" MOLOX SOCKET & PE PIPE 15'-10 1/2" O.A. GAGE DX	B	32	4	24" MOLOX BALL JOINT PIPE 15'-8" LL
3	54	16" MOLOX BALL JOINT PIPE 15'-9" LL.	B			
4	2	16" MOLOX BALL & SOCKET 45° BENDS 15'-9 1/2" C-E OF SOCKET C-E OF BALL	D			
5	2	16" MOLOX BALL & PE PIPE 16'-2 1/4" O.A. GAGE DX	B			
11	2	8" DX-MJ SLEEVES 12" LG.				
12	1	8" MOLOX SOCKET & PE PIPE 16'-0" O.A. GAGE DX	B			
13	7	8" MOLOX BALL JOINT PIPE 16'-0" LL.	B			
14	1	8" MOLOX BALL & PE PIPE 16'-0" O.A. (OR MAX. OBTAINABLE FROM FULL LENGTH AS CAST) GAGE DX	B			

NOTES:

EMORY CROSSING

TOTAL LINEAR FEET OF PIPE SHOWN EXCEEDS DISTANCE STATION TO STATION. THIS ALLOWS FOR SLOPE & FOR LAYING WITH SLIGHT HORIZONTAL DEFLECTIONS "ZIG-ZAG" WHICH PROVIDES FOR SLIGHT SETTLEMENT OF THE LINE.

OUR DRAWING IS NOT GUARANTEED FOR CORRECTNESS OF EITHER DESIGN OR DETAIL DIMENSIONS AND IS SUBMITTED ONLY AS A SERVICE TO CUSTOMER FOR AID IN DETERMINING THE CAST IRON PIPE AND FITTINGS, OR OTHER ACIPCO PRODUCTS, REQUIRED. IF ORDER IS TO BE ENTERED FROM BILL OF MATERIAL SHOWN ON THIS PRINT, ONE PRINT WITH ALL CORRECTIONS, AND CONTRACTOR'S AND ENGINEER'S APPROVAL NOTED THEREON MUST BE RETURNED TO ACIPCO. ORIGINAL DRAWING WILL THEN BE REVISED AND REQUIRED NUMBER OF PRINTS FURNISHED.

ALL PIPE TO BE CLASS GIVEN IN BILL OF MATERIAL. ALL BELL AND SPIGOT FITTINGS A.W.W.A. STANDARD UNLESS OTHERWISE NOTED. ALL FLANGED FITTINGS TO HAVE CENTER TO FACE OR FACE TO FACE DIMENSIONS AS DENOTED IN BILL OF MATERIAL. WHERE FITTINGS WITH 125# STANDARD DIMENSIONS ARE SPECIFIED, BODY OF FITTING WILL BE FURNISHED A.W.W.A. CLASS D THICKNESS UNLESS OTHERWISE NOTED. ALL FLANGES TO AMERICAN 125# STANDARD UNLESS OTHERWISE SPECIFIED.

ALL RANDOM LENGTH PIPE SPECIFIED WITH SPIGOTS MAY BE FURNISHED WITH PLAIN ENDS. ALL PIPE SPECIFIED WITH FLANGES MAY BE FURNISHED WITH FLANGES SCREWED ON OR CAST INTEGRAL. OUR OPTION.

THIS DWG. MADE FROM PLANS OF WIEDEMAN & SINGLETON ENGINEERS ATLANTA, GEORGIA

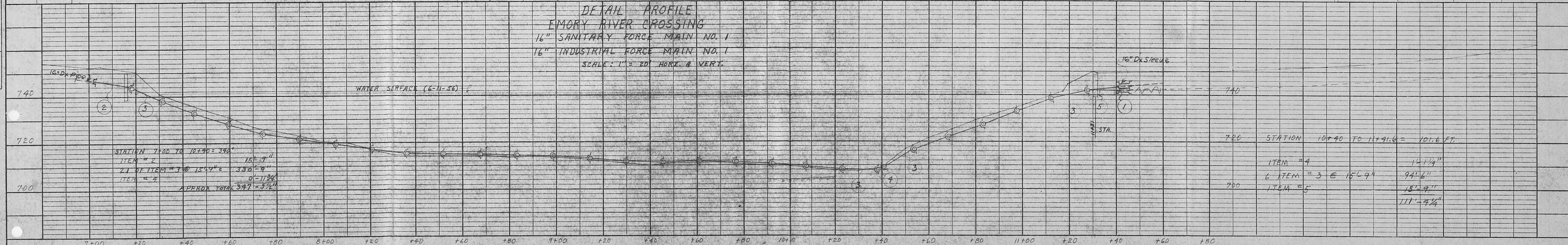
HAILEY P.O. 1745 JOB 1310
ACIPCO 28719

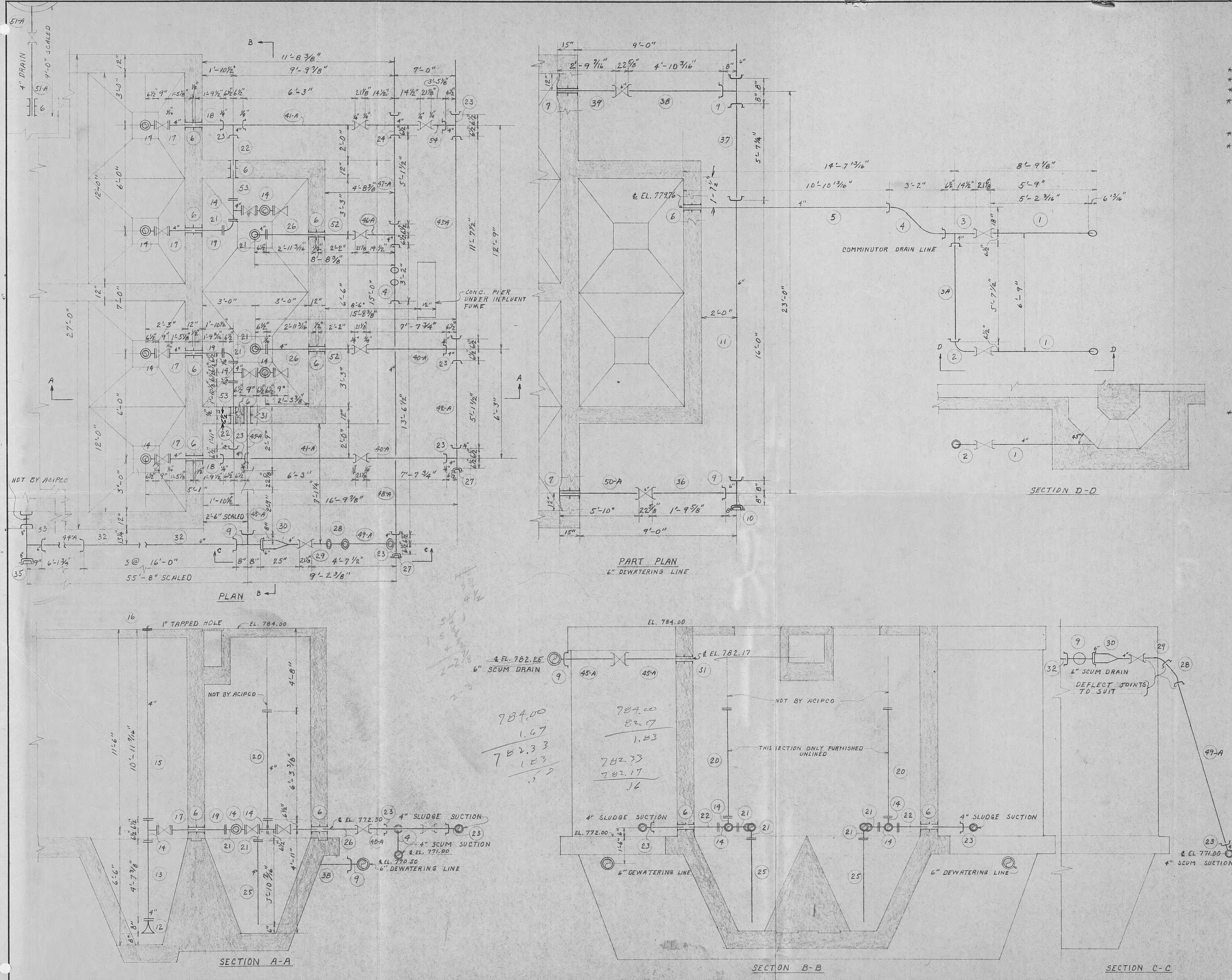
APPROVED:—SUBJECT TO CORRECTIONS INDICATED
DATE: JAN 2 1958
WIEDEMAN & SINGLETON, ENGRS.
BY: *[Signature]*

AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA
FOR W. L. HAILEY & COMPANY, INC.
SUBJECT DIV. I, SEWAGE SYSTEM IMPROVEMENTS, HARRISMAN, TENNESSEE
DETAIL BURNETT BRANCH & EMORY RIVER CROSSINGS
MOLOX BALL JOINT PIPE

APPROVED
MADE 12-6-57 CDD
TRACED
CHECK
CHECK
REV. 12-16-57 CDD
REV.
REV.
REV.
1"=20' ES-8547

DETAIL PROFILE
EMORY RIVER CROSSING
16" SANITARY FORCE MAIN NO. 1
16" INDUSTRIAL FORCE MAIN NO. 1
SCALE: 1" = 20' HORIZ. & VERT.





BILL OF MATERIAL

MARK	NO. REQD	DESCRIPTION	CLASS
		ENAMELINED	
*C	1	4" PE & 45° BEVEL END PIPE 4'-7 1/2" ON LONG SIDE 22	
*C	2	4" DX-PE 90° ELL	
*C	3	4" DX-PE DX TEE	
*C	3A	4" PE PIPE 5'-9" LG. GAGE	22
	4	4" DX-PE OFFSET 18" C-C	
	5	4" PE PIPE 10'-10 3/8" GAGE DX	22
*C	6	10" WALL SLEEVE 12" LG. W/C IN CENTER	
*C	7	6" WALL SLEEVE 15" LG. W/C IN CENTER	
	8	6" PE-PE PIPE 5'-10" GAGE DX	22
	9	3" ALL DX TEE	
	10	1" DX PLUG	
	11	6" DX-PE PIPE 16'-0" LL	22
	12	4" FLG. - FLARE 8" LG.	
	13	4" F-F PIPE 4'-7 3/4" LG.	150
	14	4" FLG. TEE 6 1/2" C-F	
	15	4" F-F PIPE 10'-11 1/4" ONE FLG. TAP	
		FOR STUDS	150
	16	4" BLIND FLANGE TAP 1" NPT. HOLE IN CENTER	
	17	4" F-PE PIPE 1'-5 1/8" LG.	D
	18	4" PE-PE PIPE 1'-9 1/2" LG. GAGE	150
	19	4" F-PE PIPE 1'-9 1/8" LG.	D
	20	4" F-F PIPE 6'-3 3/8" LG. NOT LINED	150
	21	4" FLG. 90° ELL 6 1/2" C-F	
	22	4" F-PE PIPE 1'-11" LG. GAGE	150
	23	6" ALL DX TEE	
	24	4" DX-DX-PE-PE CROSS	
	25	4" F-PE PIPE 3'-10 3/4" LG.	150
	26	2" DITTO 2'-11 3/8" LG.	150
	27	2" DX PLUG	
	28	4" DX-PE 22 1/2° BEND GAGE	
	29	4" DX-PE 45° BEND GAGE	
	30	6" X 4" PE REDUCER GAGE	
*C	31	6" WALL SLEEVE 12" LG. W/C IN CENTER	
	32	6" DX-PE PIPE 16'-0" LL	22
	33	8" X 6" DX-PE-DX TEE	
C	34	8" B-I-A WALL PIPE 12" O.A.	
	35	8" DX PLUG	
	36	6" PE-PE PIPE 1'-9 5/8" LG. GAGE DX	22
	37	6" DITTO 5'-7 1/4" LG. " " "	22
	38	6" DITTO 4'-10 3/8" LG. " " "	22
	39	6" DITTO 2'-9 7/8" LG. " " "	22
	40A	2" DITTO 7'-7 3/4" LG. " " "	22
	41A	2" DITTO 6'-3" LG. " " "	22
	42A	1" DITTO 5'-1 1/2" LG. " " "	22
	43A	1" DITTO 11'-7 1/2" LG. " " "	22
	44A	1" DITTO 6'-1 3/4" LG. " " "	22
	45A	2" DITTO 2'-9" LG. " " "	22
	46A	1" DX-DX-PE TEE	
	47A	1" PE-PE PIPE 5'-11 1/2" LG. GAGE DX	22
	48A	1" DITTO 13'-6 1/2" LG. " " "	22
	49A	1" DITTO 15'-6" LG. " " "	22
		CUT TO SUIT IN FIELD	
	50A	1" PE-PE PIPE 5'-10" LG. GAGE DX	22
	51A	1" DITTO 10'-0" CUT TO SUIT	22
	52	2" PE-PE PIPE 2'-2" LG.	D
	53	2" F-PE PIPE 1'-10 1/4" LG.	D
	54	1" PE-PE PIPE 3'-5 1/4" LG. GAGE DX	22

* " INDICATES ITEMS PLACED ON ORDER NO. 28374 C.S. # 7 2-28-58

"C" INDICATES IN OR UNDER CONCRETE ITEMS.

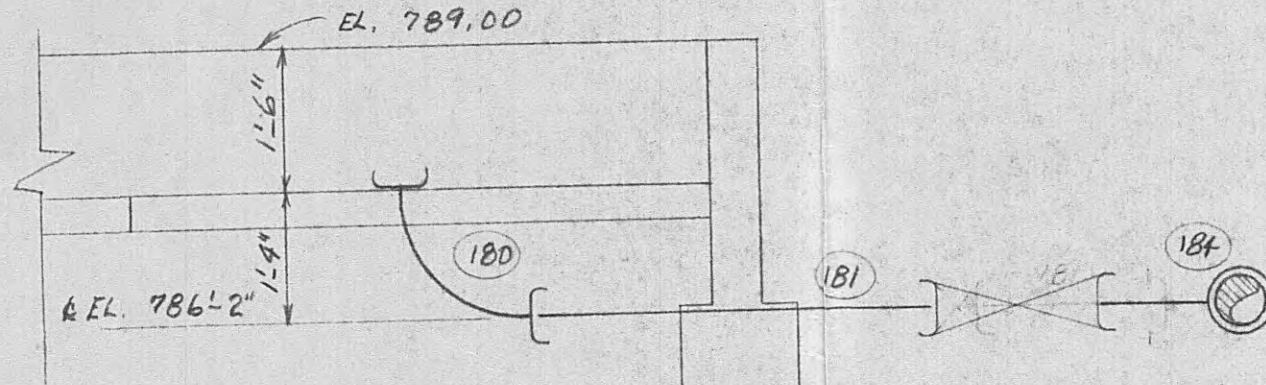
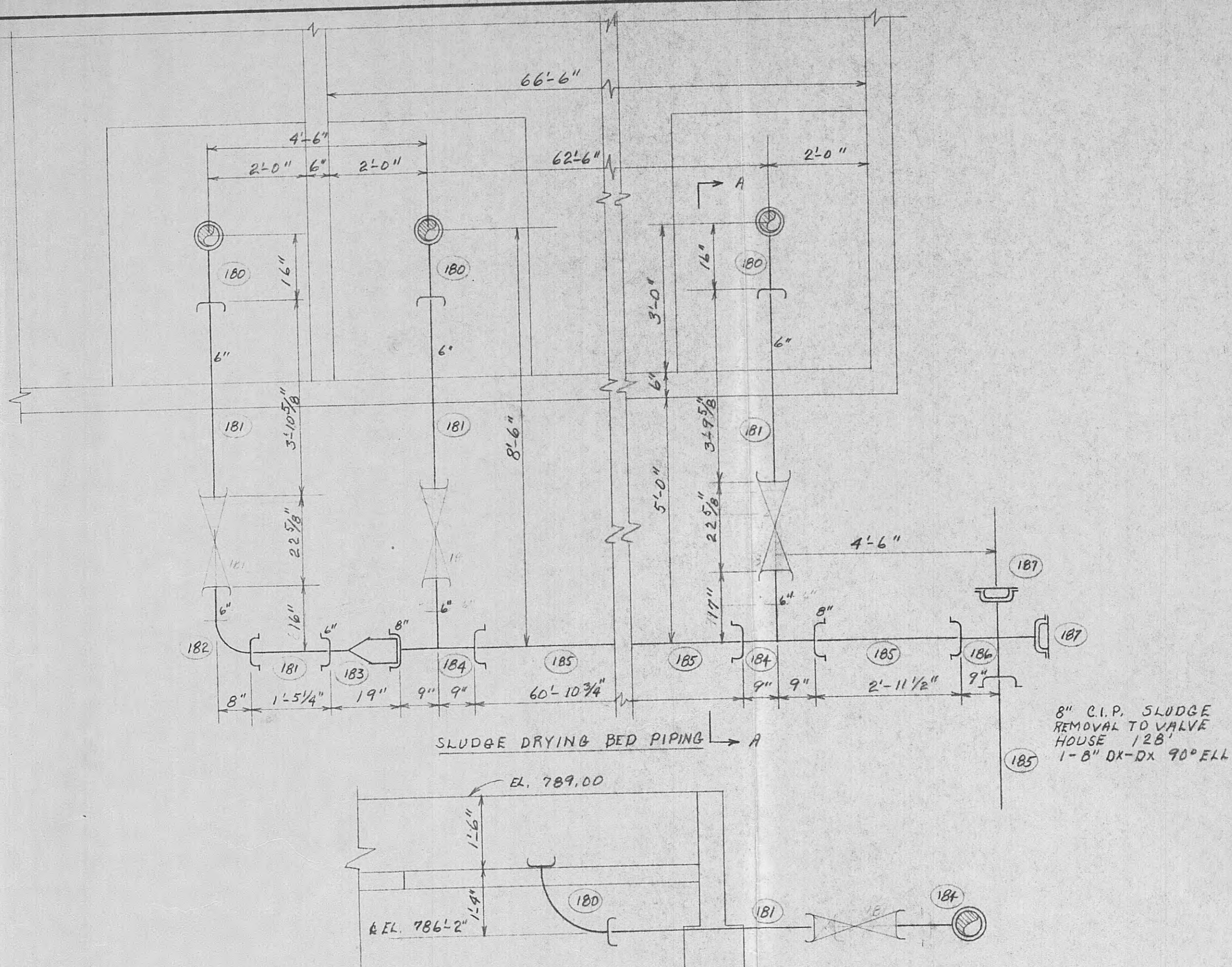
JOINT ALLOWANCE: FLG. 1/16", DX 1/4"

APPROVED
MAY 16 1958
WIEDEMAN & SINGLETON, ENGINEERS
THIS DWG. MADE FROM PLANS OF WIEDEMAN & SINGLETON ENGINEERS ATLANTA, GEORGIA

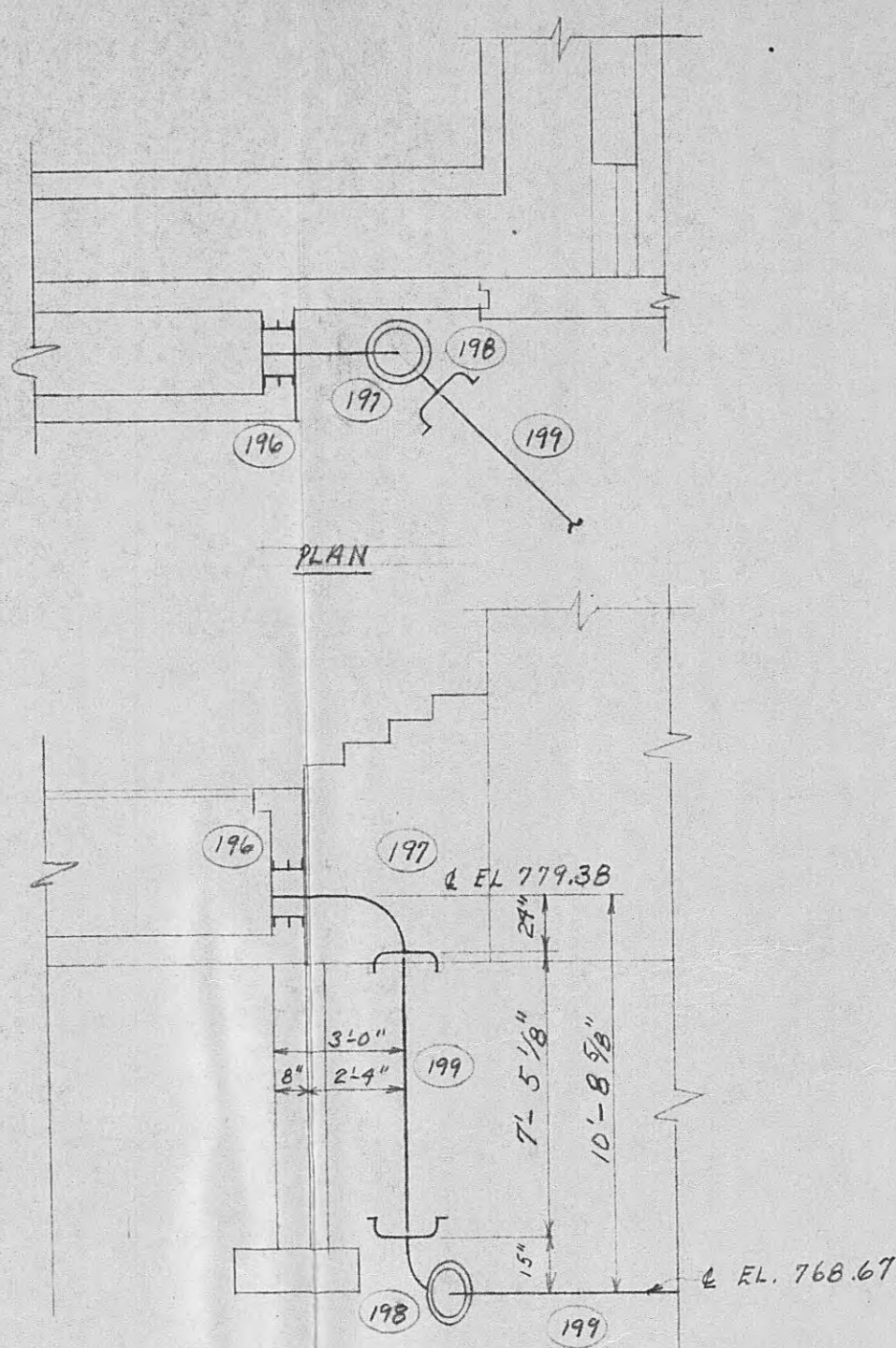
AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA

FOR W.L. HAILEY & COMPANY, INC.
SUBJECT DIVISION II, JOB 131, HARRIMAN, TENN.
DETAIL PRIMARY SEWAGE SETTLING TANK PIPING

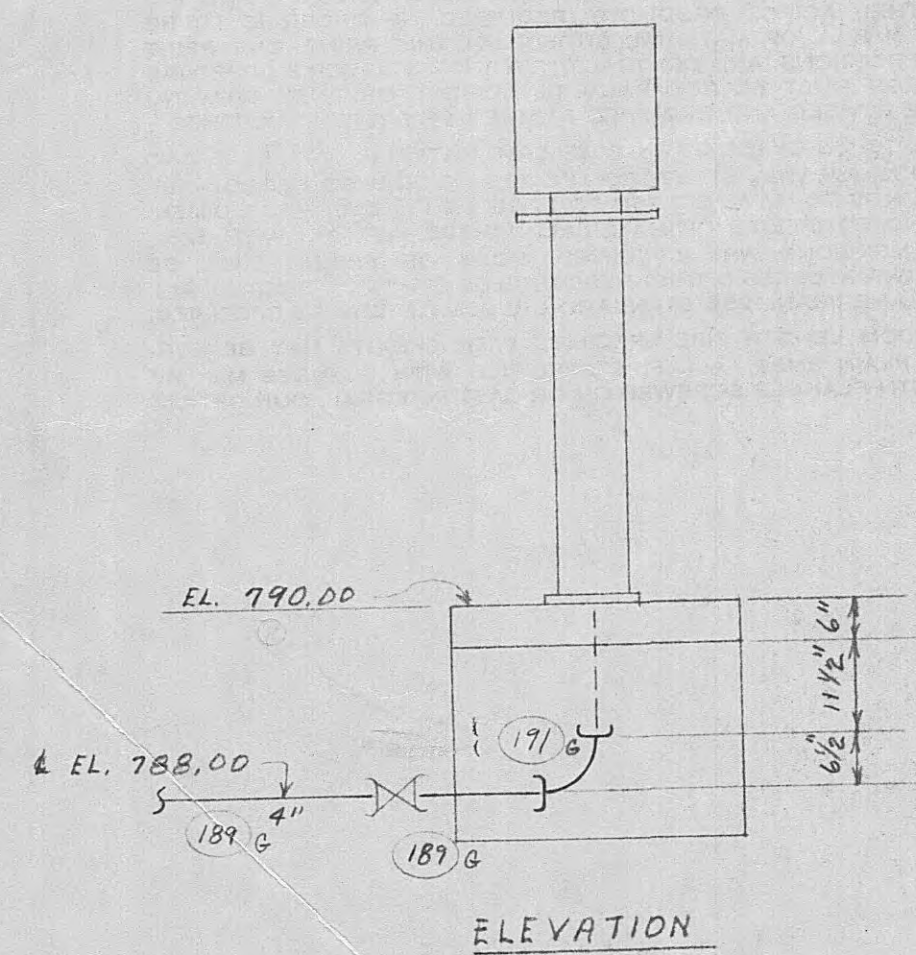
APPROVED
MADE 1-14-58 CCC
TRACED
CHECK
REV. 4-15-58 CCC
REV. 4-15-58 CCC
N.T.S. ES-8544



SECTION A-A



16" INDUSTRIAL FORCE MAIN #1
INFLUENT TO PARSHALL METERING FLUMES



ELEVATION

4" GAS LINE FROM
VALVE HOUSE 72'
1 DX-DX 45° BEND

ALL GAS PIPING TO BE UNLINED
AND UNCOATED INSIDE

GAS BURNER PLAN

VALVE MANHOLE
STA. 9+68 EFFLUENT PRESSURE SEWER

BILL OF MATERIAL			
MARK	NO. REQ'D	DESCRIPTION	
		ENAMELINED	
180	3	6" B-B 90° ELL AWWA	
181	6	6" DX-PE PIPE 16'-0" CUT TO SUIT	22
182	1	6" DX-PE 90° ELL	
183	1	8" X 6" DX-PE REDUCER SEDX	
184	2	8" X 6" DX-DX-PE TEE	
185	12	8" DX-PE PIPE 16'-0" LL CUT TO SUIT	22
186	1	8" ALL DX CROSS	
187	2	8" DX PLUG	
188	1	8" DX-DX 90° ELL	
		4" LINE TO WASTE GAS BURNER UNCOATED	
189	5	4" DX-PE PIPE 16'-0" CUT TO SUIT	22
190	1	4" DX-DX 45° BEND	
191	1	4" B-B 90° ELL	
		PUMP STATION #2 EFFLUENT	
192	1	20" F-PE PIPE 12'-0" F&D CLASS 250 C/D PAT.	
193	1	20" X 6" FLG TEE 15 1/2 X 18 1/2 C-F, F&D CLASS D	
194	1	6" DX-F PIPE 2'-5" LL F&D CLASS 250 D	
195	1	6" DX-DX 45° BEND	
		16" FORCE MAINS WITHIN PLANT AREA AND 16" LINE FROM WET WELL AT PUMP STATION #2 TO MANHOLE.	
196	1	16" WALL SLEEVE 8" LG. W/O IN CENTER	B
197	1	16" B-B 90° ELL AWWA	B
198	2	16" DX-DX 90° ELL	
199	22	16" FASTITE PIPE 20'-0" LL CUT TO SUIT	22
200	1	16" DX-DX 45° BEND	
		6" WATERMAIN AND 3" BRANCH	
201	2	6" DX-DX 45° BEND	
202	3	6" DX-DX 22 1/2° BEND	
203	1	6" ALL DX TEE	
204	2	6" DX DOUBLE HUB TAP 1-1 1/2" NPT. IN CENTER	
205	1	6" DX DOUBLE HUB TAP 1-2" NPT. IN CENTER	
206	1	6" X 3" ALL DX TEE	
207	109	6" DX-PE PIPE 20'-0" LL CUT TO SUIT	22
208	1	6" DX PLUG	
209	1	3" X 2" ALL DX TEE	
210	1	3" DX DOUBLE HUB TAP 1-1" NPT. IN CENTER	
211	1	3" X 2" DX-DX 90° ELL	
212	1	3" X 2" DX-PE REDUCER SEDX	
213	3	3" DX-PE PIPE 16'-0" LL	22
NOTES:			
"B" INDICATES ITEMS OF GAS PIPING UNLINED AND UNCOATED INSIDE			
* INDICATES ITEMS PLACED ON ORDER NO. 28374 C.S.#7 2-28-58			
O INDICATES ITEMS PLACED ON ORDER NO. 28719 C.S.#5 11/14/58			
D INDICATES ITEMS PLACED ON ORDER NO. 28374 C.S.#2 11/27/57			
THIS DWG. MADE FROM PLANS OF WIEDMAN & SINGLETON ENGINEERS ATLANTA, GEORGIA			



AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA

FOR W.L. HAILEY & COMPANY INC.

SUBJECT DIVISION II, JOB 1311, HARRIMAN, TENN.

DETAIL YARD PIPING

APPROVED

APPROVED

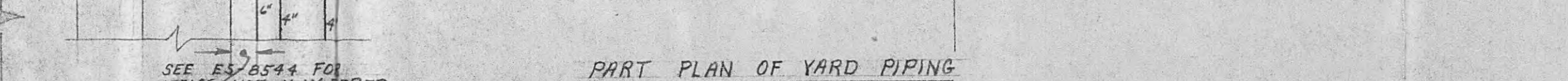
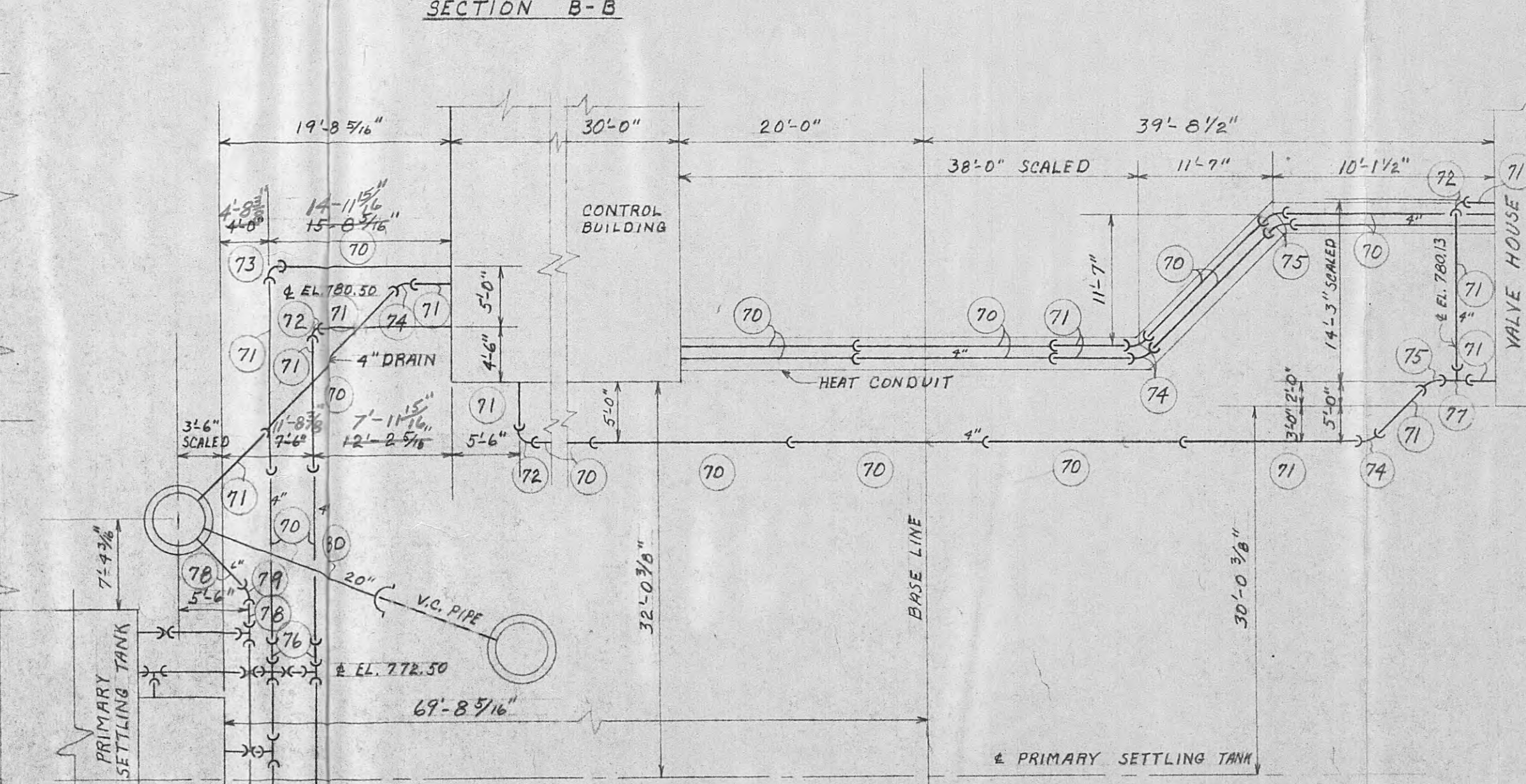
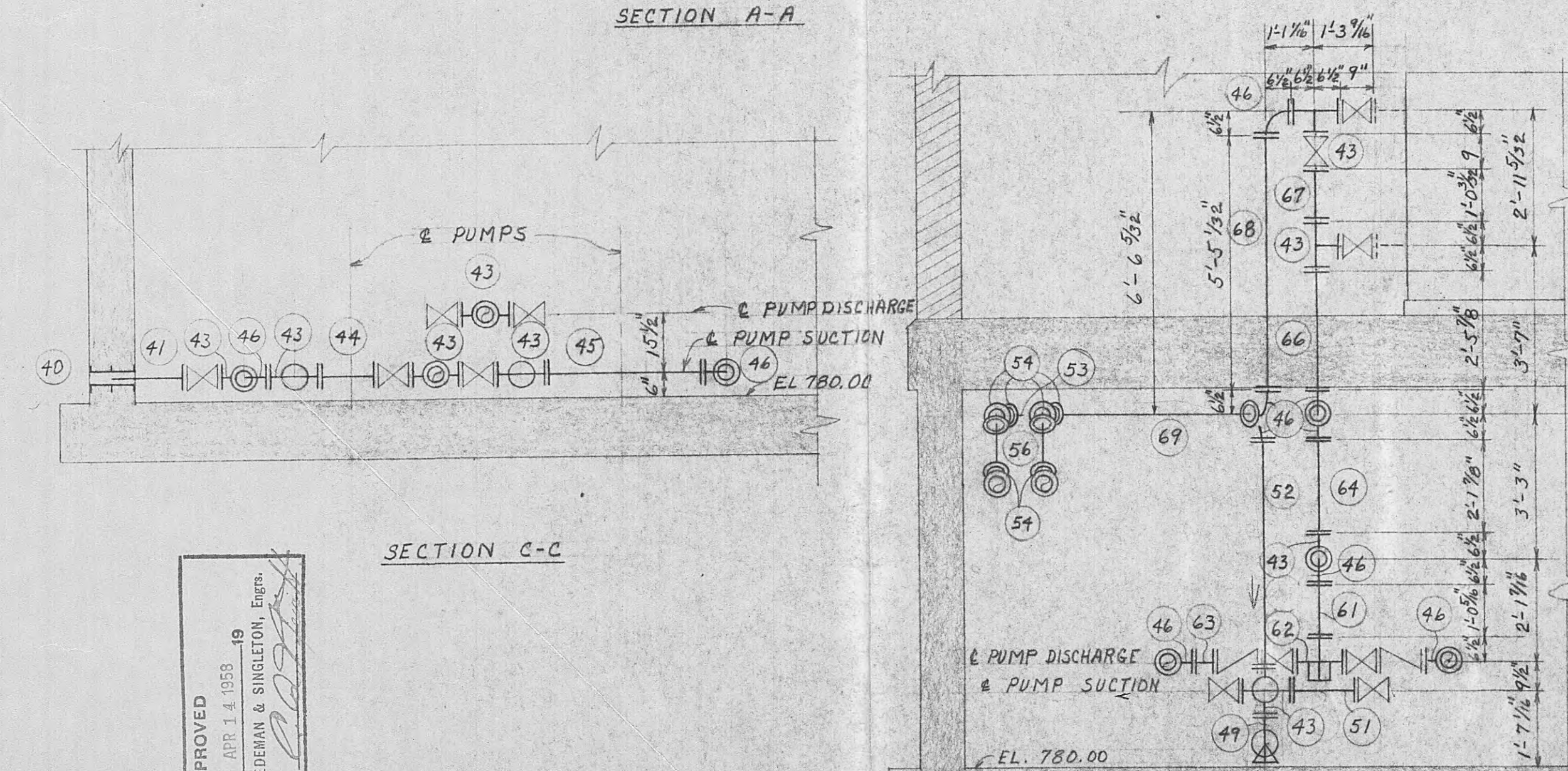
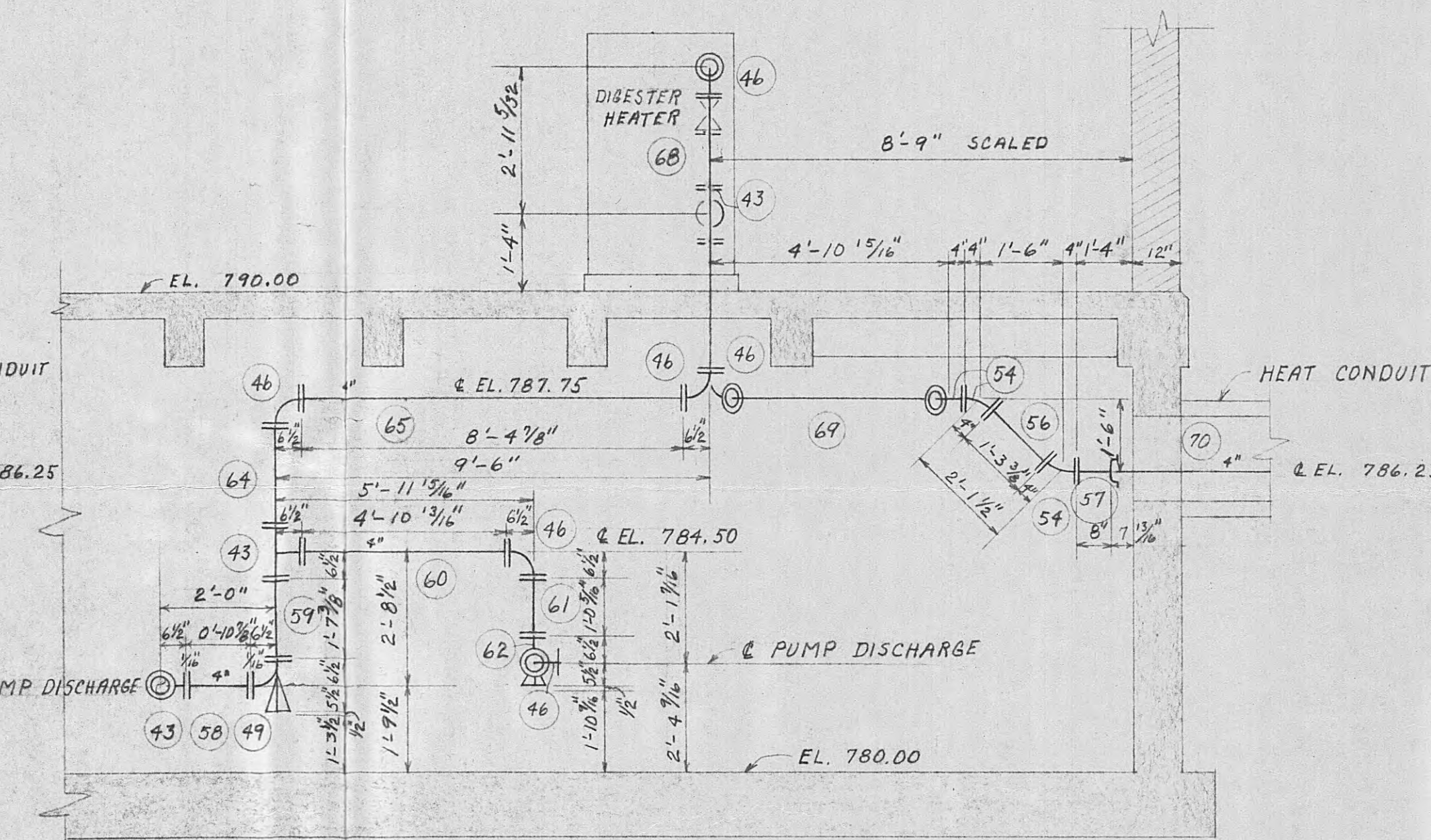
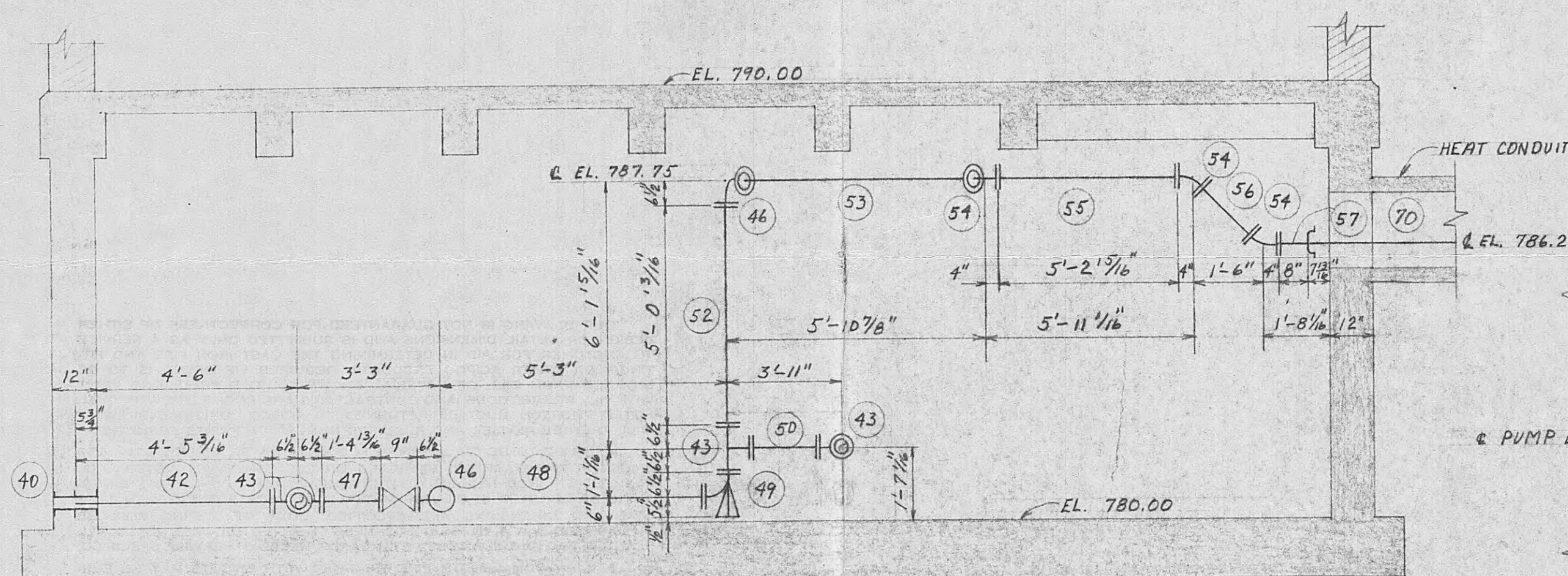
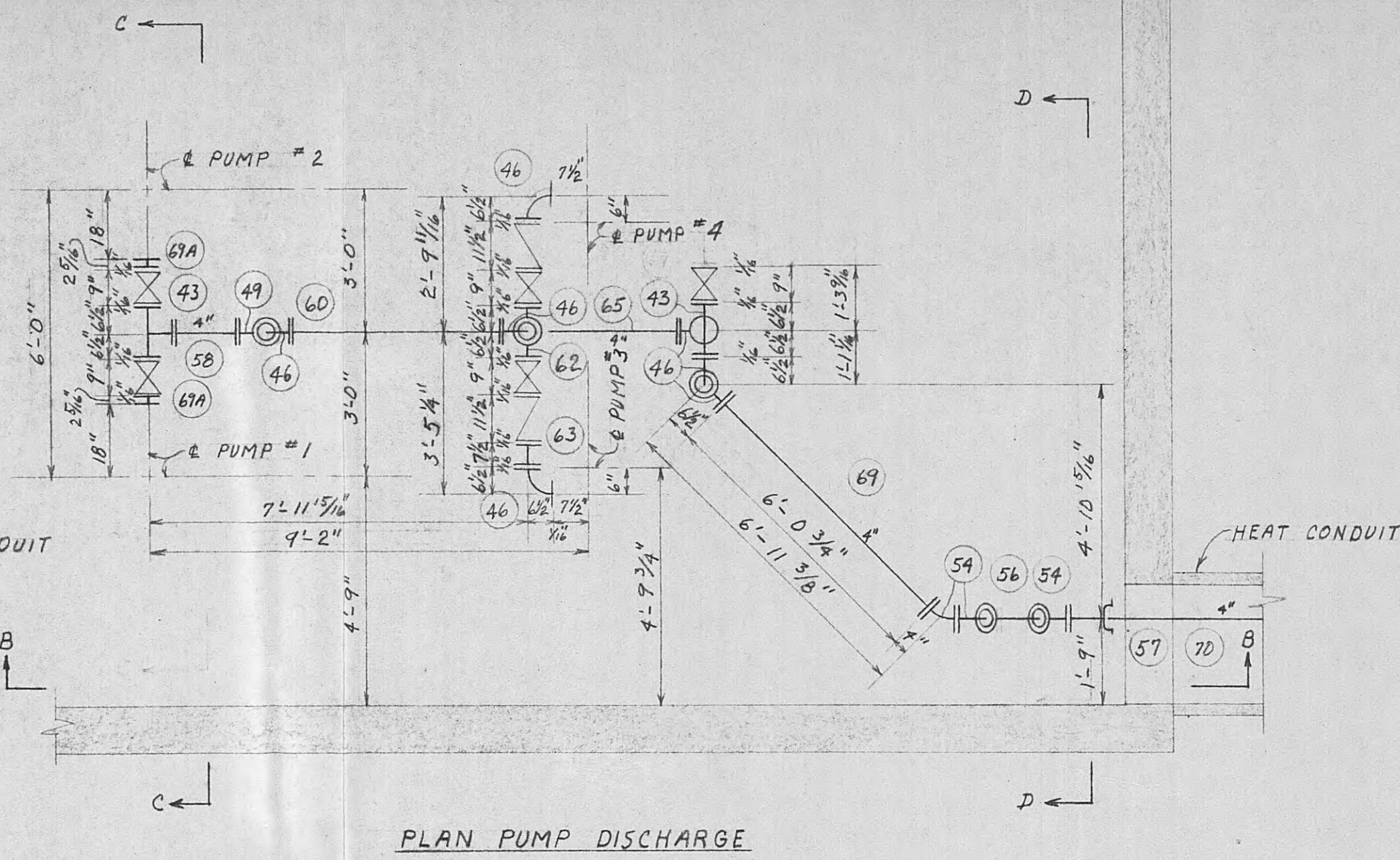
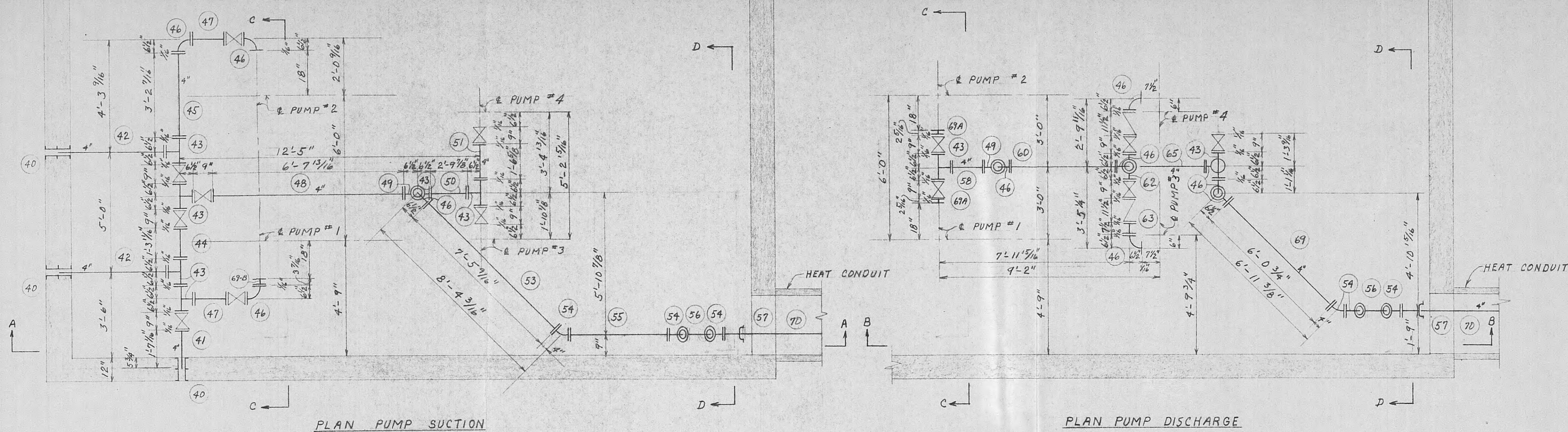
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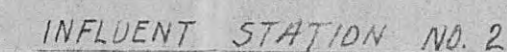
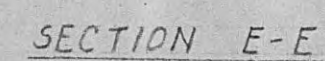
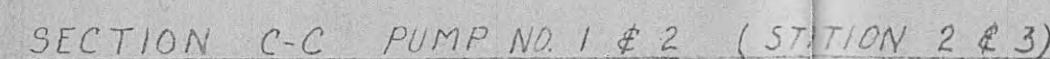
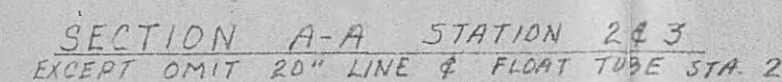
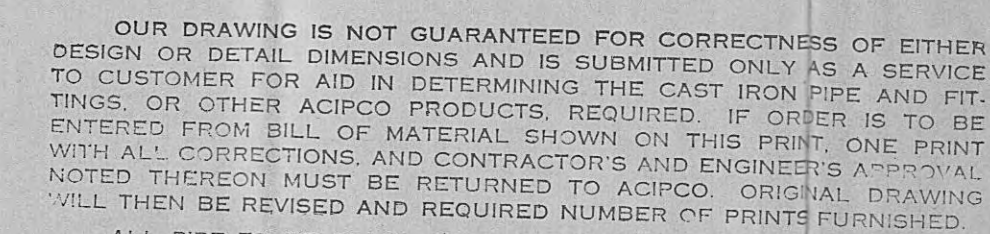
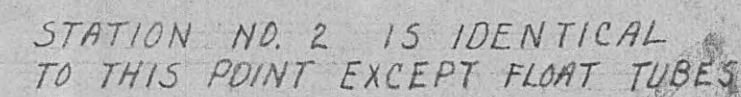
TRACED REV. 4-4-58 CEC

CHECK REV.

ENAMELINE & OTHER TYPES OF
LININGS FOR SPECIAL SERVICE

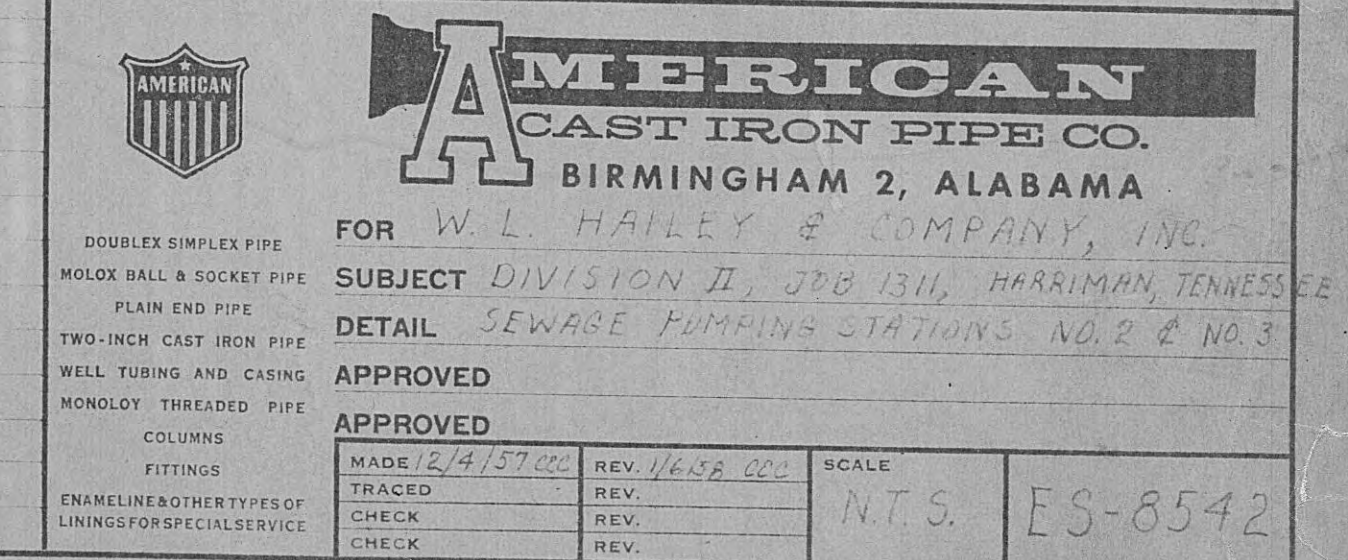
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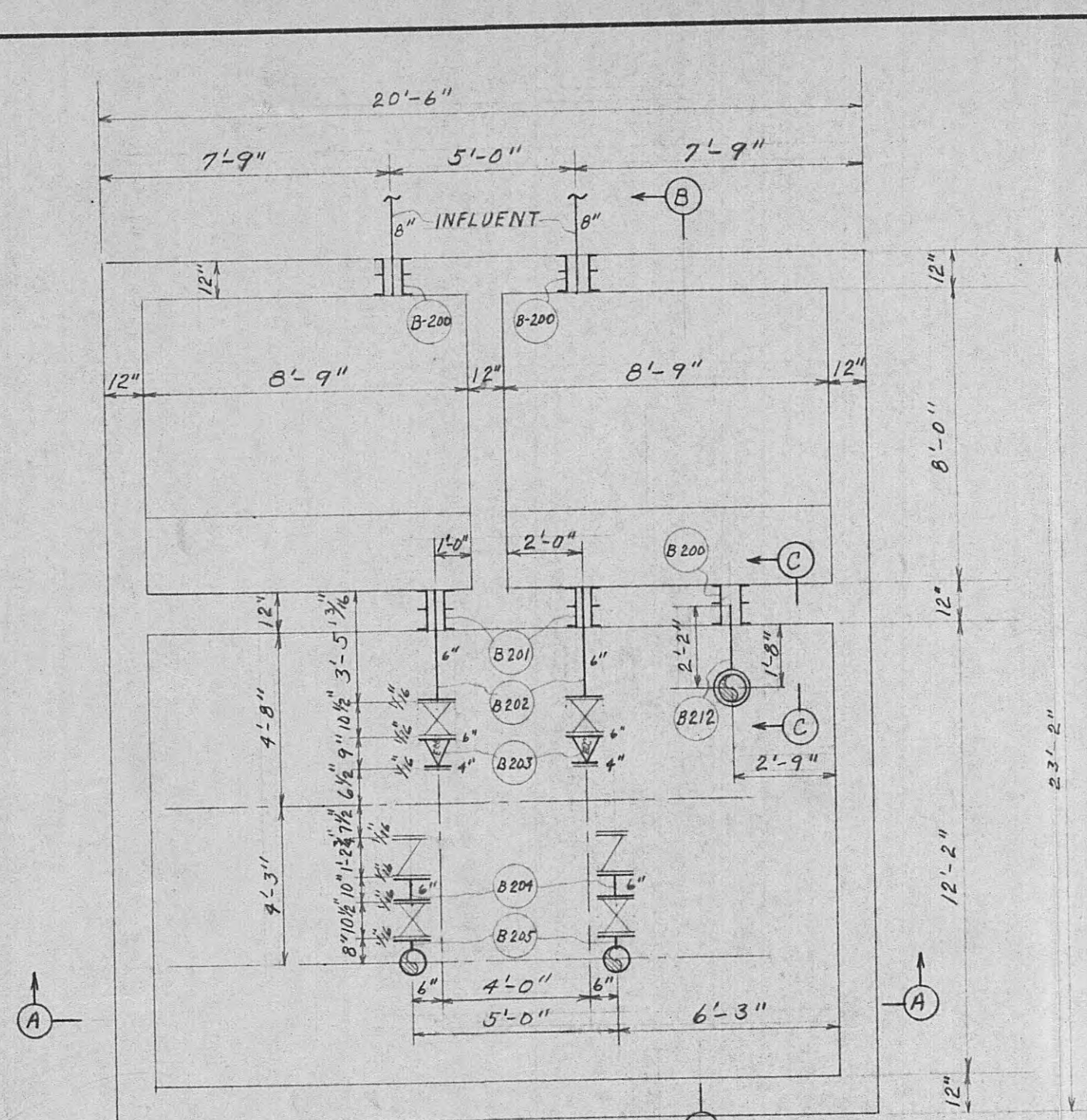
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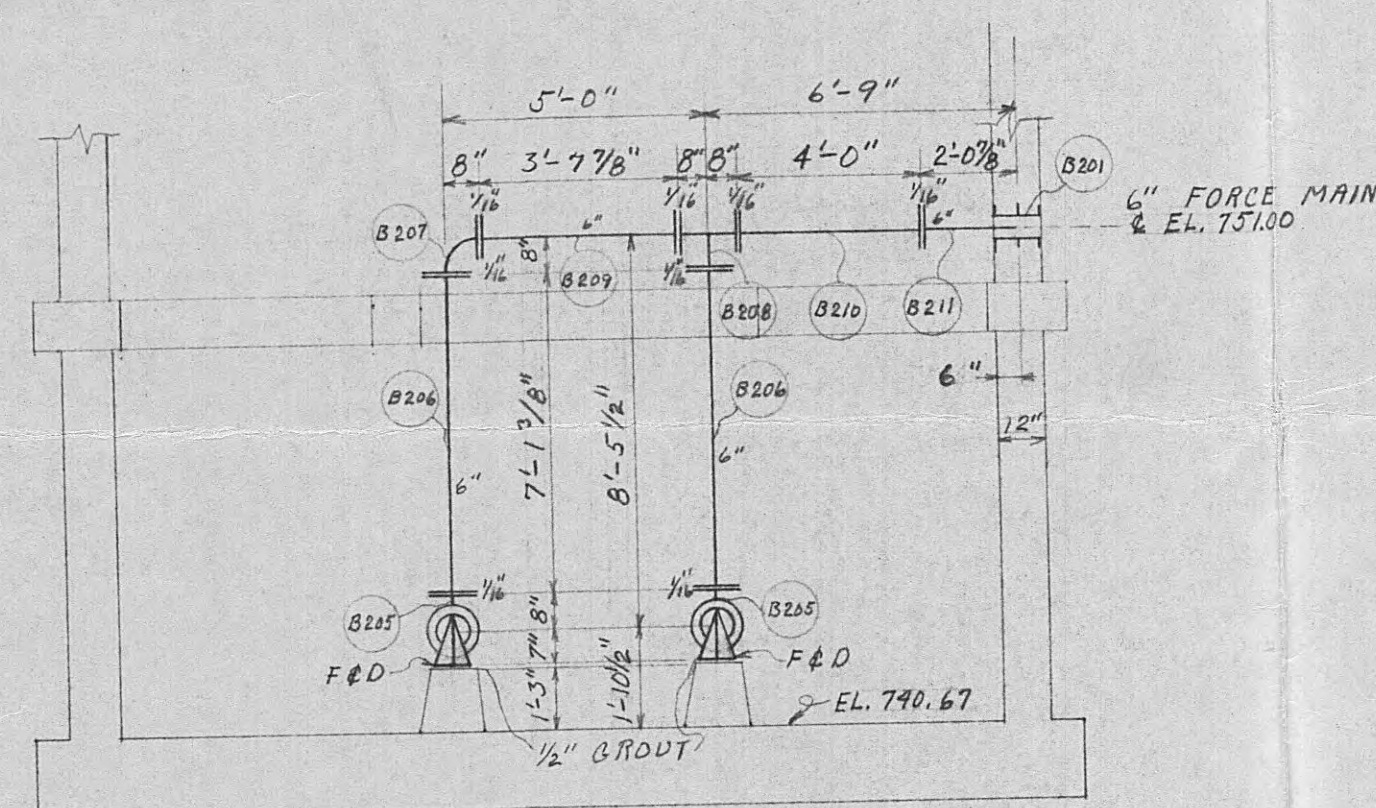
JOINT ALLOWANCE: FLG. $\frac{1}{16}$, BAS $\frac{1}{4}$ "

THIS DWG. MADE FROM PLANS OF
WIEDEMAN & SINGLETON ENGINEERS
ATLANTA, GEORGIA

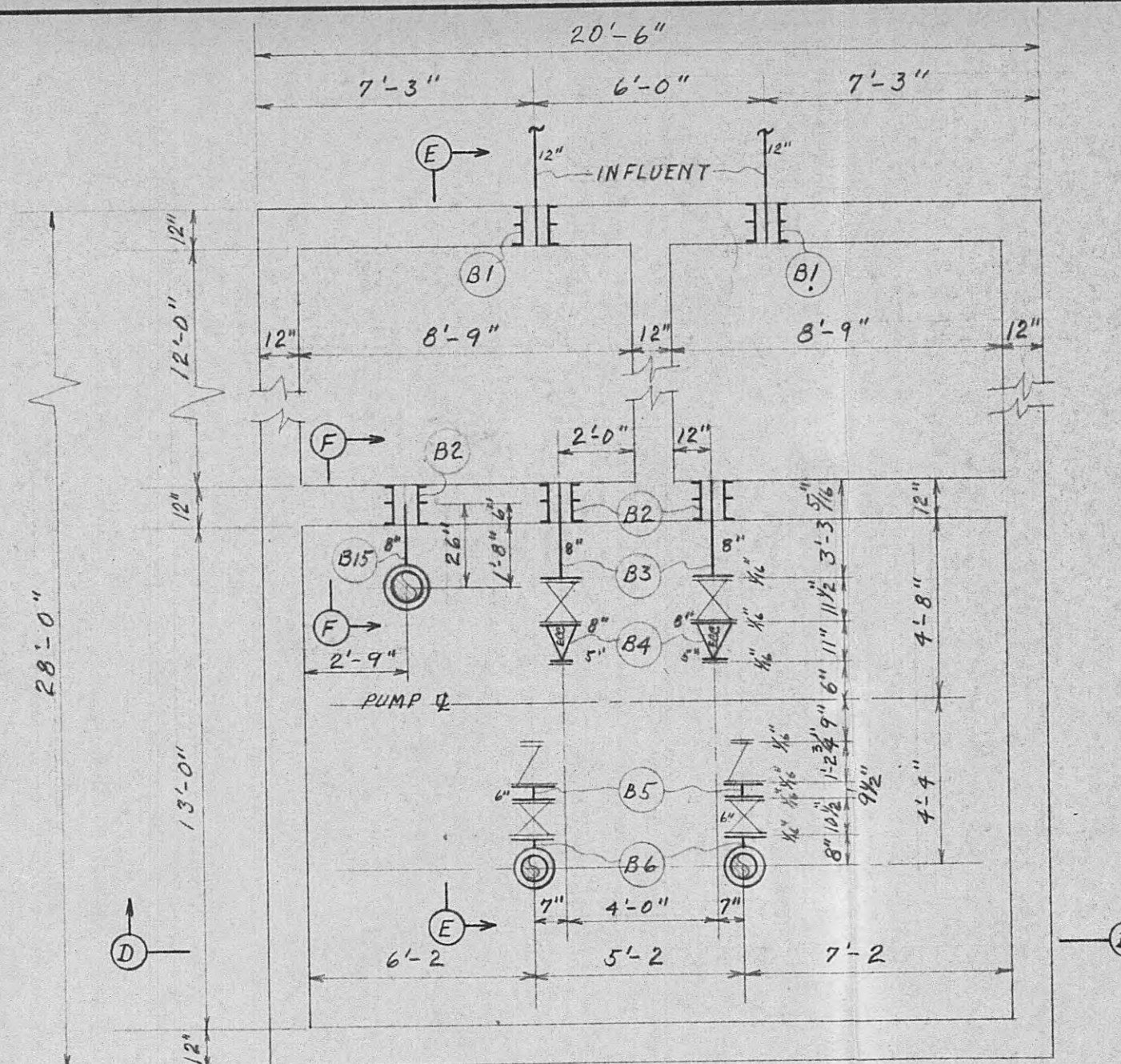




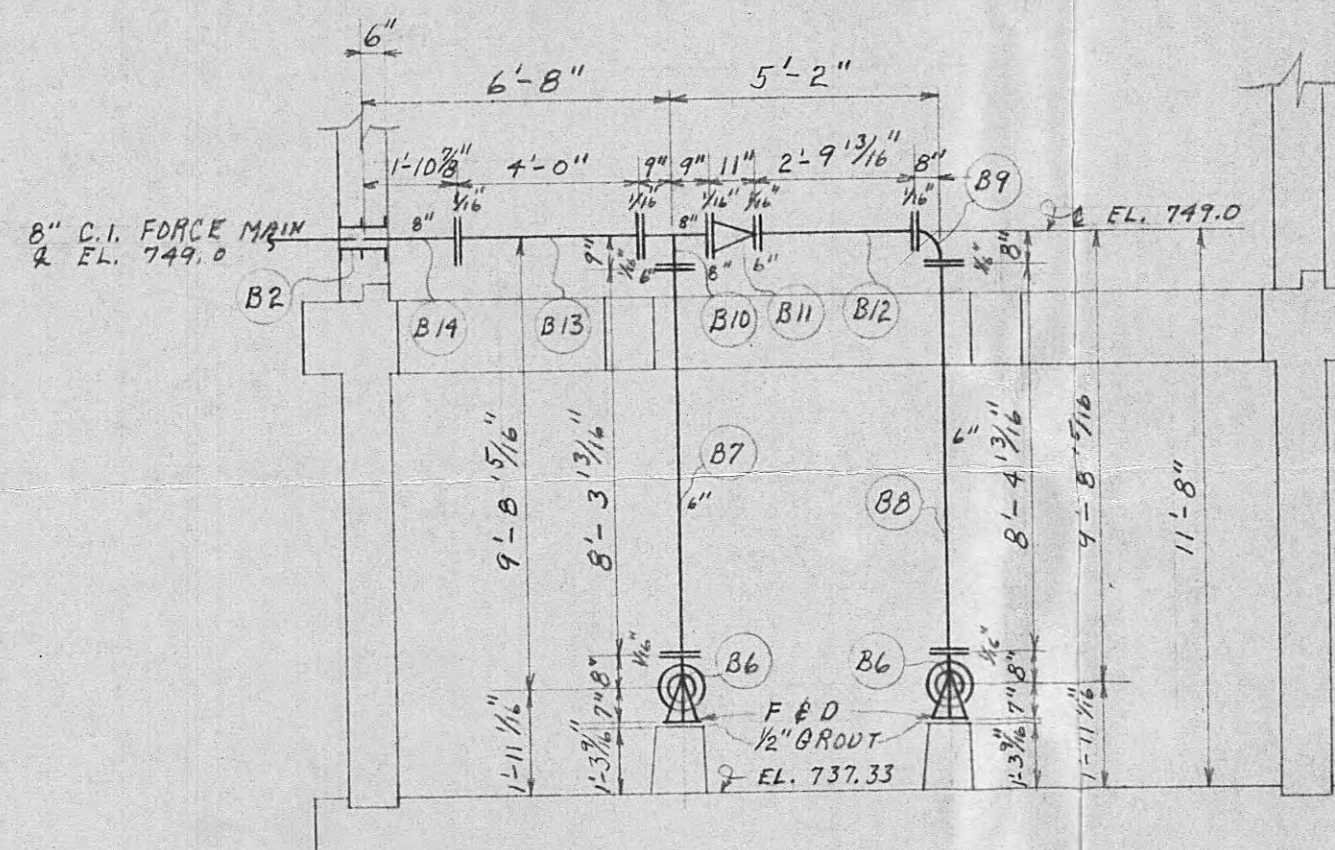
PUMPING STATION NO. B-2
PLAN



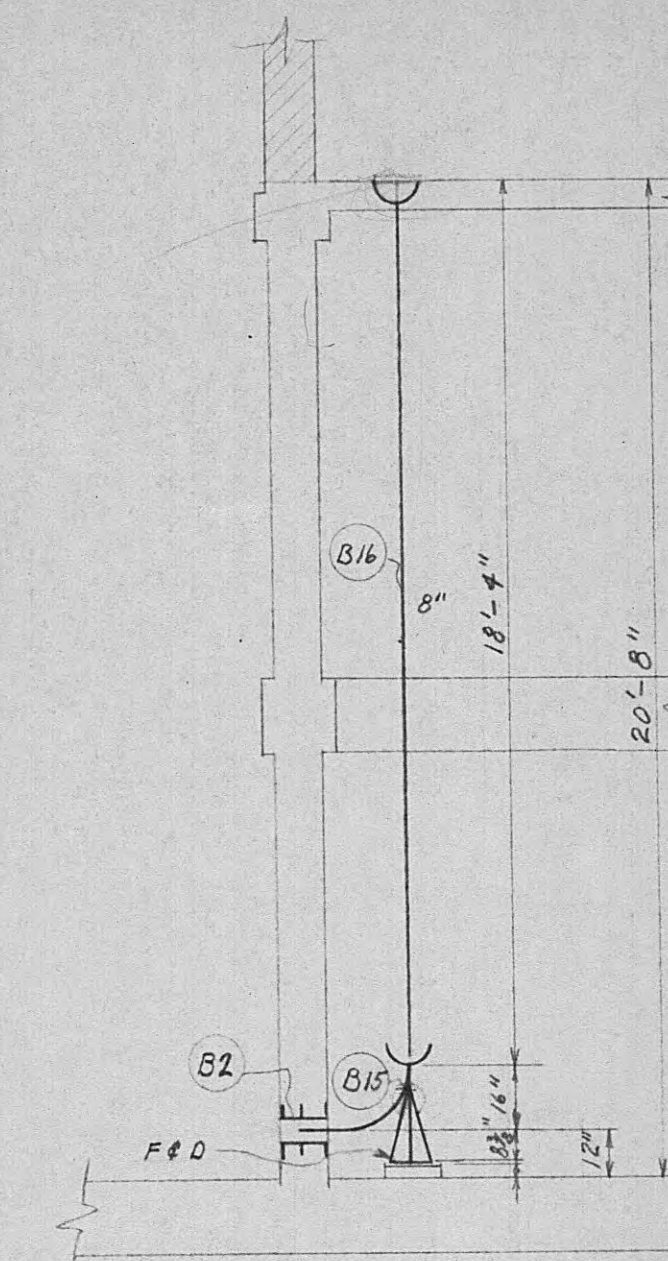
SECTION A-A



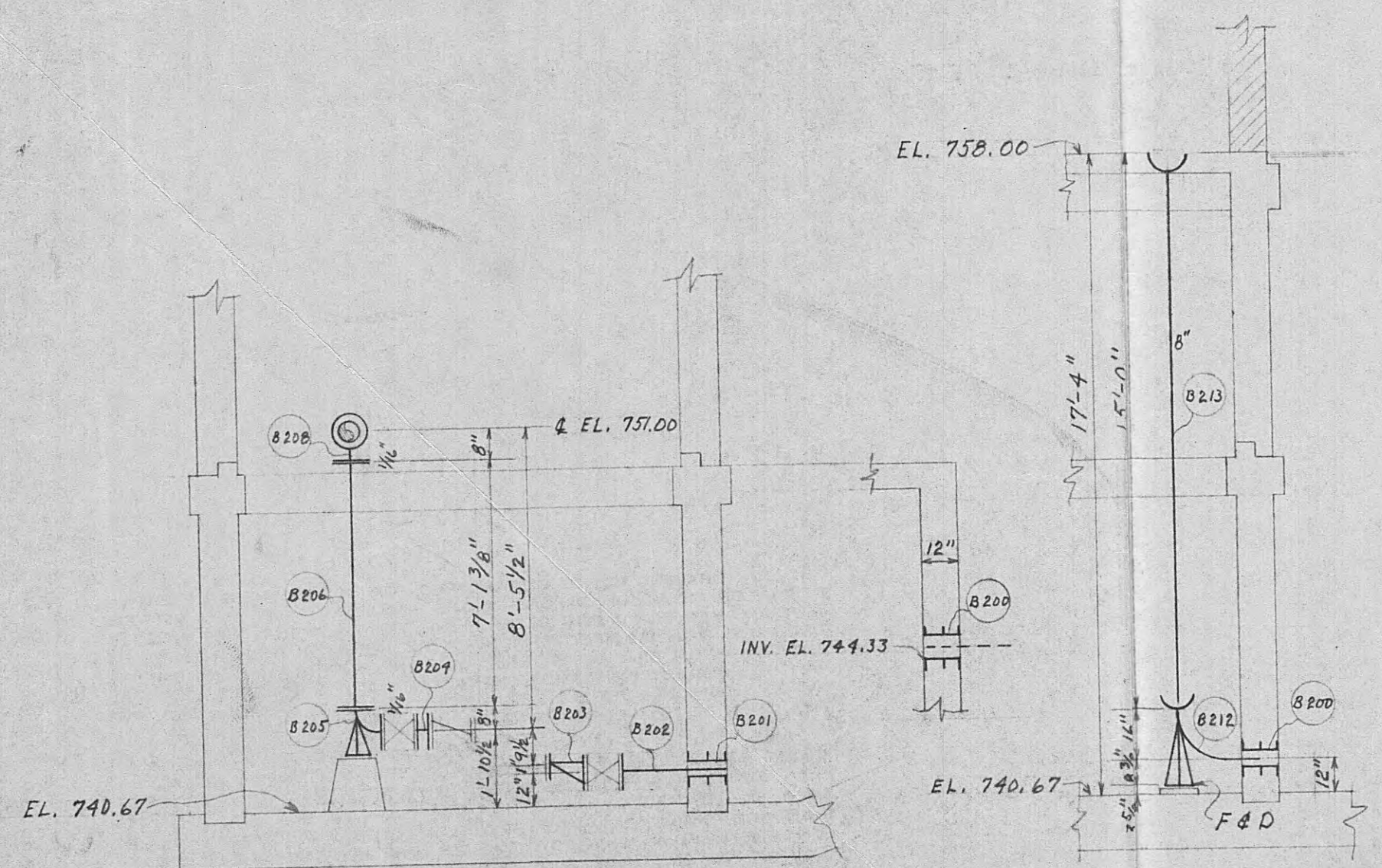
PUMPING STATION NO. B-1
PLAN



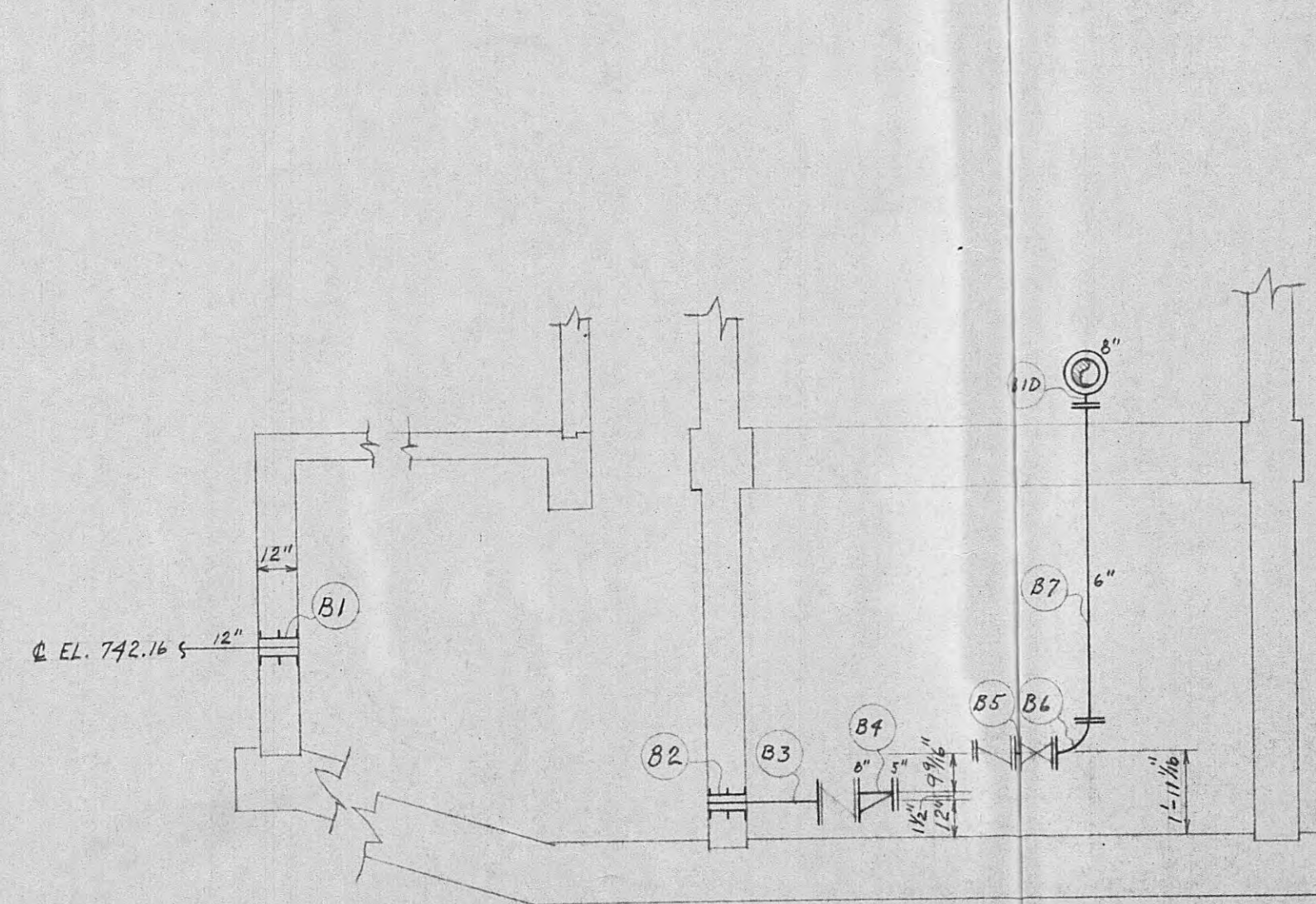
SECTION D-D



SECTION F-F



SECTION B-B



SECTION E-E

BILL OF MATERIAL

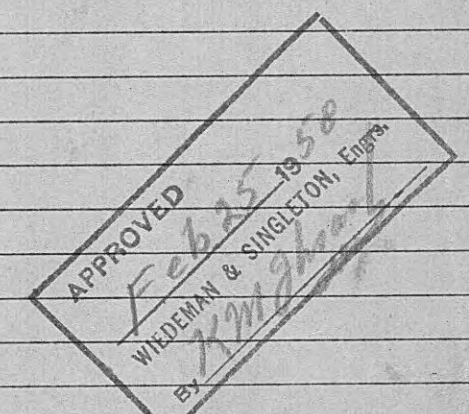
MARK	NO. REQD	DESCRIPTION	CLASS
STATION B-2			
COATED			
B-200	3	8" SLEEVES 12" LG. W/C IN CENTER	
B-201	3	6" " " " " " "	
ENAMELINED			
B-202	2	6" F-PF PIPE 3'-5 1/16" LG.	150
B-203	2	6" X 4" FLG. ECC. REDUCER 9" LG.	
B-204	2	6" F-F PIPE 0'-10" LG.	D
B-205	2	6" FLG. 90° BASE ELL 8" C-F BASE F&D	
B-206	2	6" F-F PIPE 7'-1 3/8" LG.	150
B-207	1	6" FLG. 90° ELL 8" C-F	
B-208	1	6" FLG. TEE 8" C-F	
B-209	1	6" F-F PIPE 3'-7 7/8" LG.	150
B-210	1	6" " " 4'-0" LG.	150
B-211	1	6" F-PF " 2'-0 7/8" LG.	D
B-212	1	8" B&S 90° BASE ELL, BELL UP, BASE F&D	
B-213	1	8" F-PF PIPE 15'-0" LG. TAP FOR STUDS 22	
B-214	1	8" BLIND FLANGE 2" IN CENTER	
B-215	1	8" B&S PIPE 15'-0" D.A.	22

STATION B-1

COATED			
B-1	2	12" SLEEVE 12" LG. W/C IN CENTER	
B-2	4	8" SLEEVE 12" LG. W/C IN CENTER	
ENAMELINED			
B-3	2	8" F-PF PIPE 3'-3 5/16" LG.	150
B-4	2	8" X 5" FLG. ECC. REDUCER 11" F-F	
B-5	2	6" F-F PIPE 0'-9 1/2" LG.	D
B-6	2	6" FLG. 90° BASE ELL 8" C-F, BASE F&D	
B-7	1	6" F-F PIPE 8'-3 3/16" LG.	150
B-8	1	6" F-F " 8'-4 1/16" LG.	150
B-9	1	6" FLG. 90° ELL 8" C-F	
B-10	1	8" X 6" FLG. TEE 9" C-F	
B-11	1	8" X 6" FLG. REDUCER 11" FF	
B-12	1	6" F-F PIPE 2'-9 1/16" LG.	150
B-13	1	6" F-F " 4'-0" LG.	150
B-14	1	8" F-PF " 1'-10 7/8" LG.	150
B-15	1	8" B&S 90° BASE ELL, BELL UP, BASE F&D	
B-16	1	8" F-PF PIPE 18'-4" LG. TAP FOR STUDS 22	
B-17	1	8" BLIND FLANGE 2" IN CENTER	
B-18	1	8" B&S PIPE 18'-4" D.A.	22

NOTES:

JOINT ALLOWANCE; FLG. 1/16"
REDUCING CHECK VALVES ARE CONCENTRIC
ORDER 1746 ACIPCD 28374 11/20/57



THIS DWG. MADE FROM PLANS OF
WIEDEMAN & SINGLETON ENGINEERS
ATLANTA, GEORGIA

AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA

FOR W. L. HAILEY & COMPANY, INC.

SUBJECT DIV. II - JOB 1311, HARRIMAN, TENN.

DETAIL SEWAGE PUMPING STATION B-1 & B-2

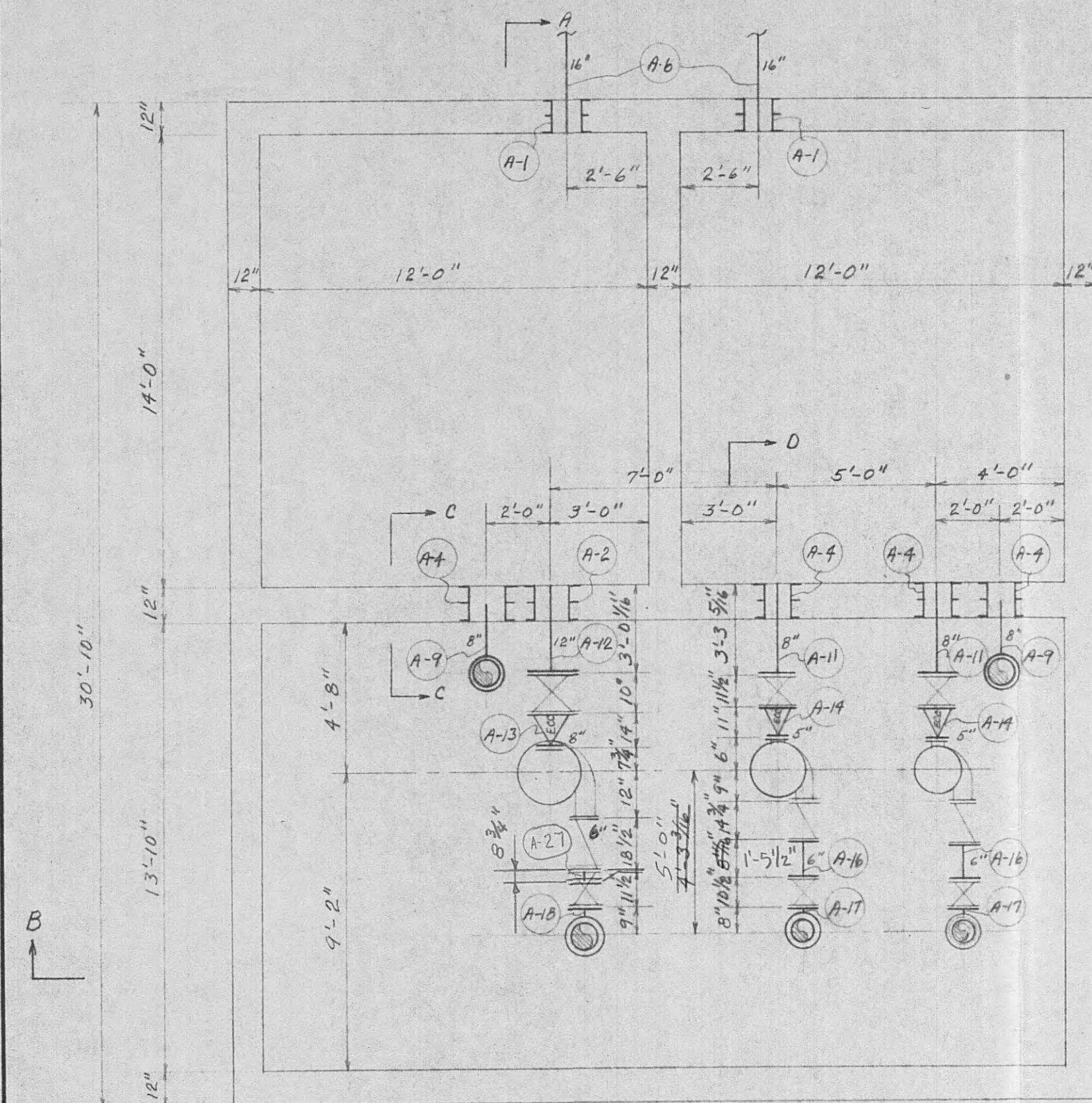
APPROVED

MADE 12/20/57 REV. 28-58 C60 SCALE N.T.S. ES-8543

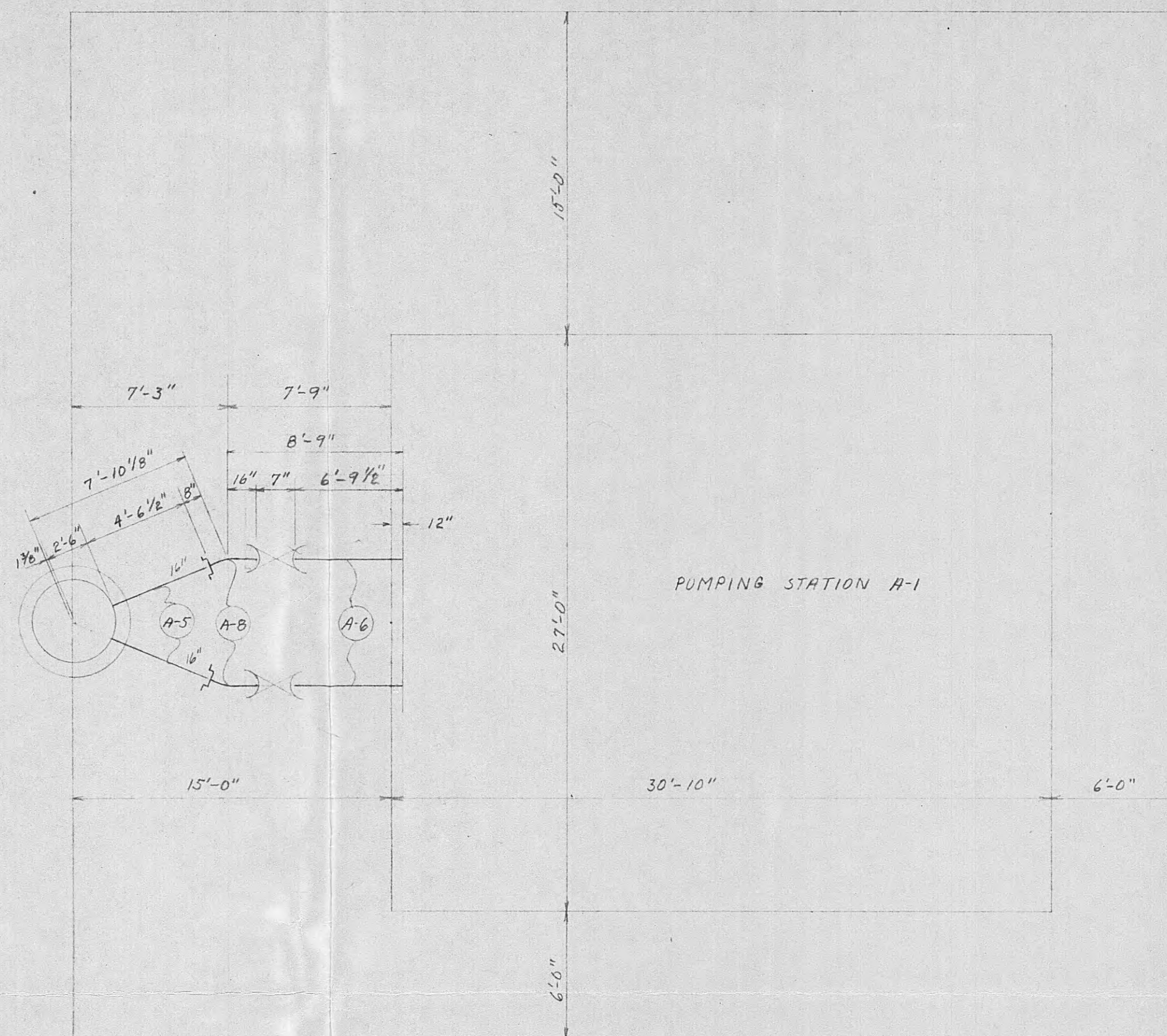
DOUBLE SIMPLEX PIPE
MOLOX BALL & SOCKET PIPE
PLAIN END PIPE
TWO-INCH CAST IRON PIPE
WELL TUBING AND CASING
MONOLYTH THREADED PIPE

COLUMNS
FITTINGS
ENAMELINED & OTHER TYPES OF
LININGS FOR SPECIAL SERVICE

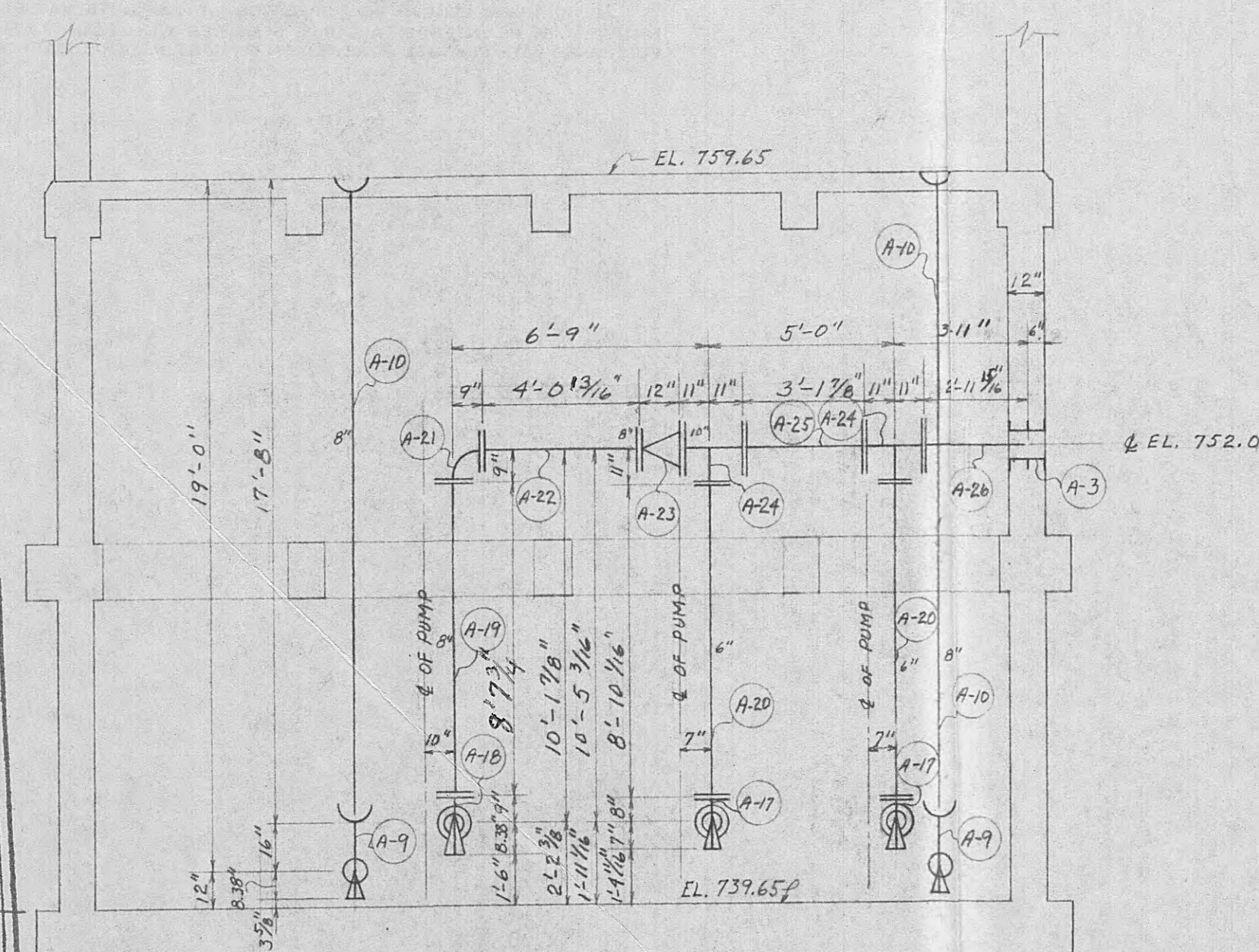
TRACED
CHECK
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REV.



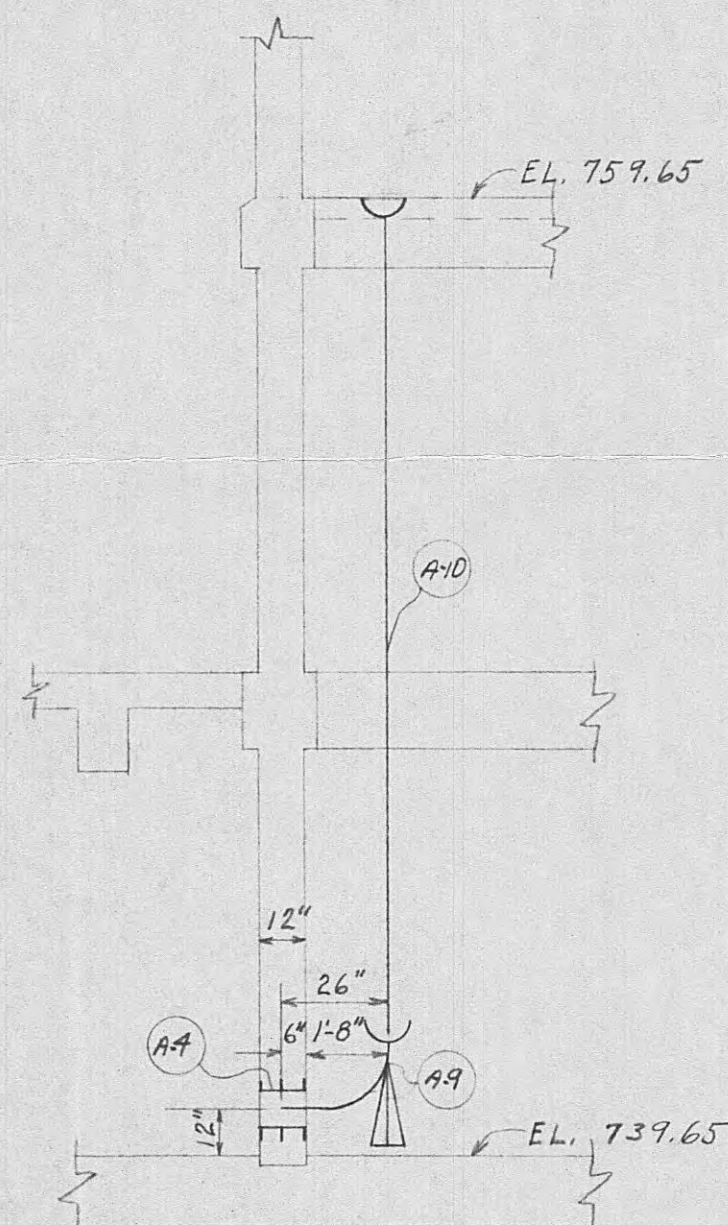
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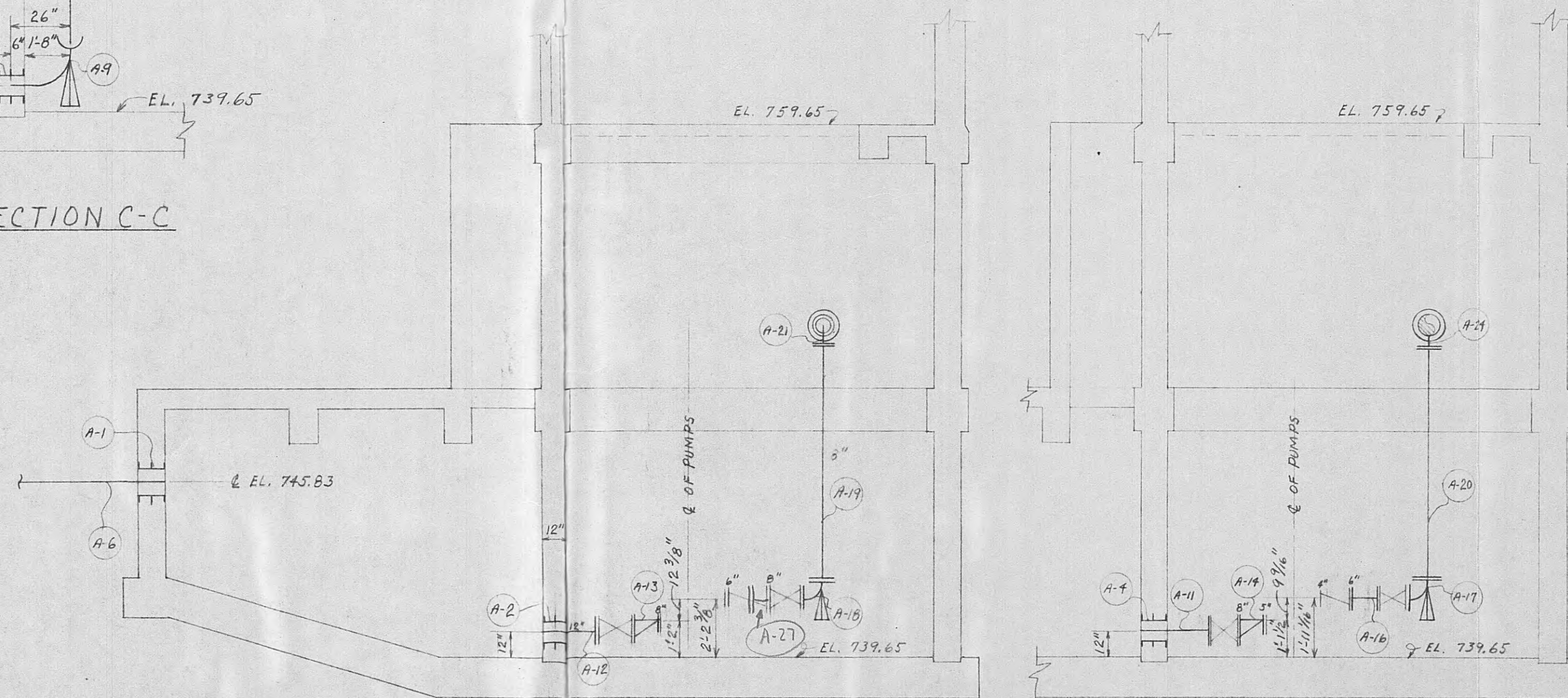
PUMPING STATION A-1



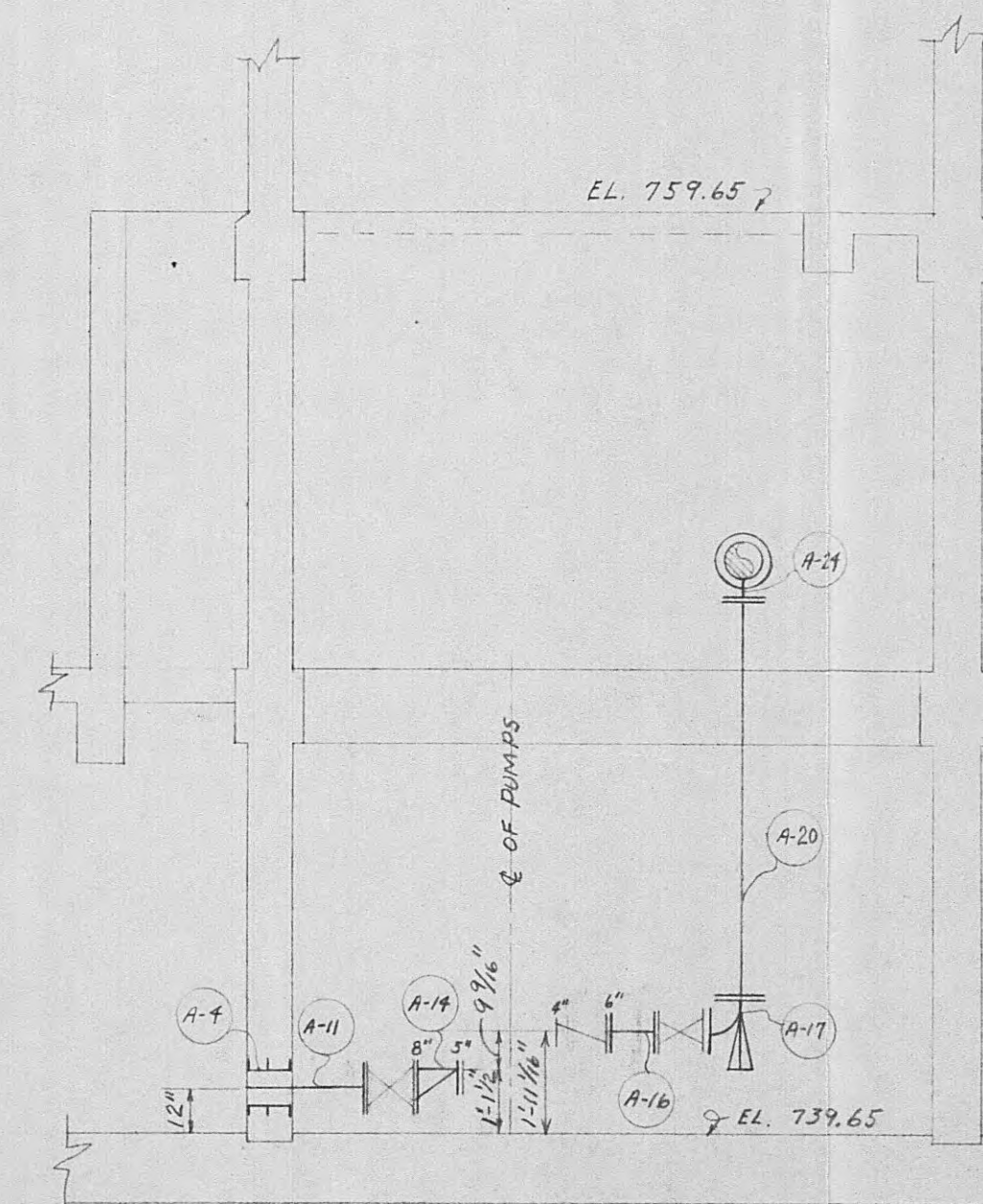
SECTION B-B



SECTION C-C



SECTION A-A



SECTION D-D

BILL OF MATERIAL

MARK	NO. REQ'D	DESCRIPTION	CLASS
		ENAMELINED	
A-1	2	16" SLEEVES 12" LB. W/C IN CENTER	B
A-2	1	12" " 12" LB. " " "	
A-3	1	10" " 12" LB. " " "	
A-4	4	8" " 12" LB. " " "	
		ABOVE ITEMS ORDERED 11/20/57	
A-5	2	16" PE-PE PIPE 4'-6 1/2" GAGE	B-22
A-6	2	16" " " 6'-9 1/2" " "	B-22
A-7	2	8" BLIND FLANGE 2" HOLE IN CENTER	
A-8	2	16" DX-PE 22 1/2" BEND	
A-9	2	8" B-S 90° BASE ELL BELL END UP	
A-10	2	8" F-S PIPE 17'-8" TAP FLG FOR STUDS 22	
A-11	2	8" F-PE " 3'-3 3/8" LG.	22
A-12	1	12" F-PE " 3'-0 1/16" LG.	22
A-13	1	12" X 8" FLG. ECC. REDUCER 14" F-F	
A-14	2	8" X 5" DITTO 11" F-F	
A-16	2	6" F-F PIPE 5'-8 1/2" 1'-5 1/2" D	
A-17	2	6" FLG 90° BASE ELL 8" C-F	
A-18	1	8" DITTO 9" C-F	
A-19	1	8" F-F PIPE 8'-7 3/4" LG.	22
A-20	2	6" DITTO 8'-10 1/16" LG.	22
A-21	1	8" FLG. 90° ELL 9" C-F	
A-22	1	8" FF PIPE 4'-0 3/16" LG.	22
A-23	1	10" X 8" FLG. REDUCER 12" LG.	
A-24	2	10" X 6" FLG. TEE 11" C-F	
A-25	1	10" FF PIPE 3'-1 3/8" LG.	22
A-26	1	10" F-PE PIPE 2'-11 15/16" LG.	22
A-10A	2	8" B-S PIPE 17'-8" O.A.	22
A-27	1	8" F.F. PIPE D'-8 3/4" Lg	

NOTES:

JOINT ALLOWANCE: FLG 1/16" B.S. OR M.J. 1/4"

THIS DWG. MADE FROM PLANS OF
WIEDEMAN & SINBLETON ENGINEERS
ATLANTA, GEORGIA



AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA

FOR W. L. HAILEY & COMPANY, INC.

SUBJECT SEWAGE PUMPING STATION, HARRISMAN, TENNESSEE
DETAIL SEWAGE PUMPING STATION A-1

APPROVED

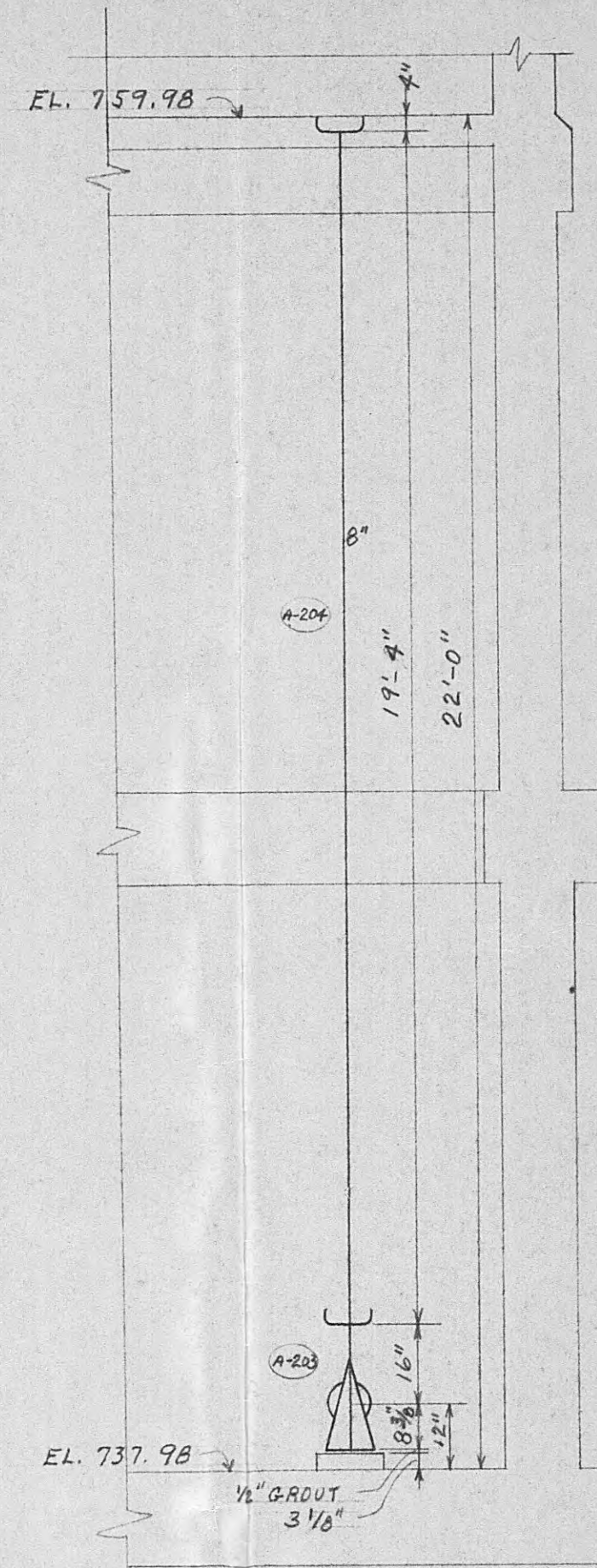
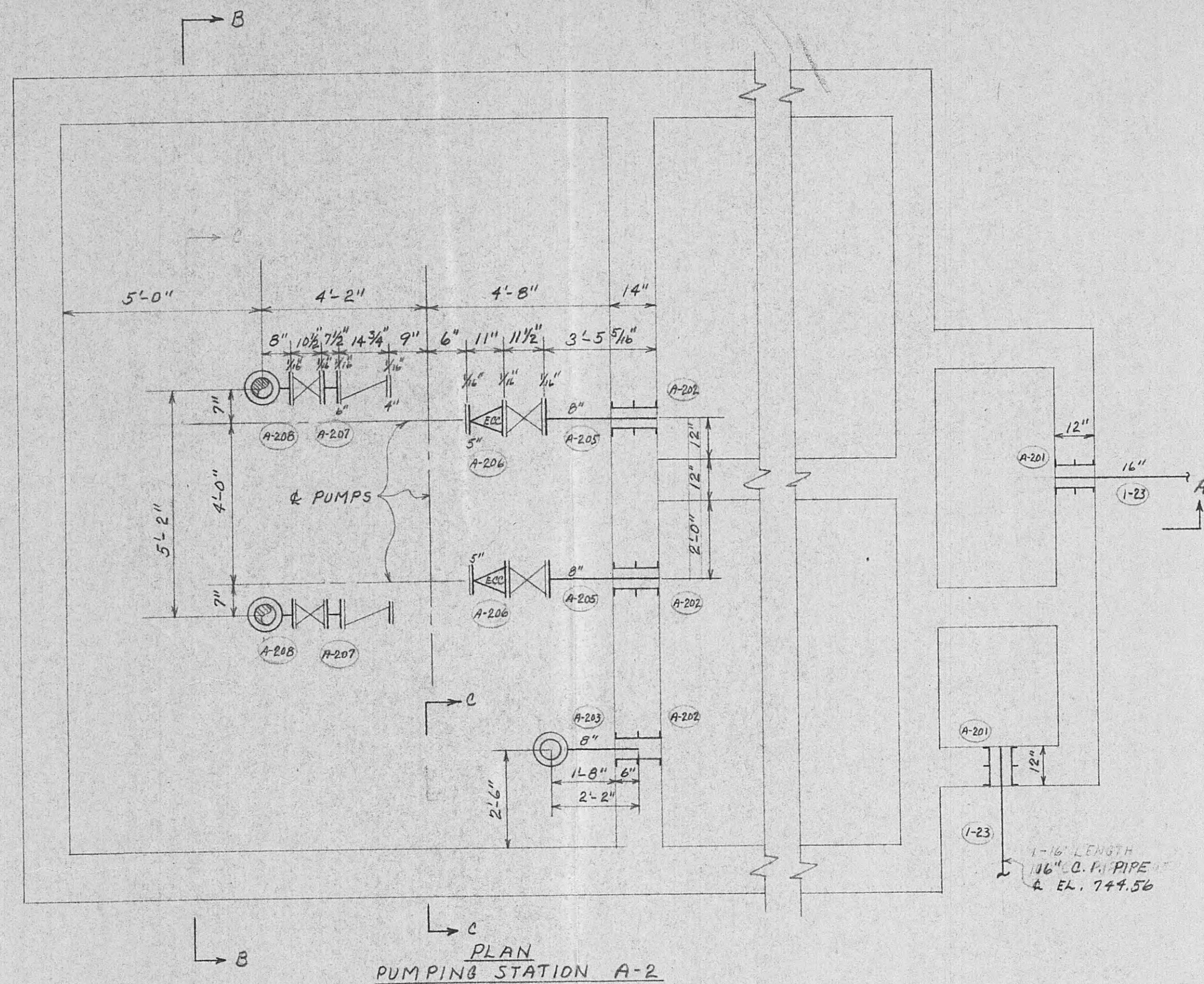
APPROVED

MADE 11/21/57
TRACED
CHECKED

REV. 3-21-58
REV.
REV.

SCALE
NTS
ES-8541

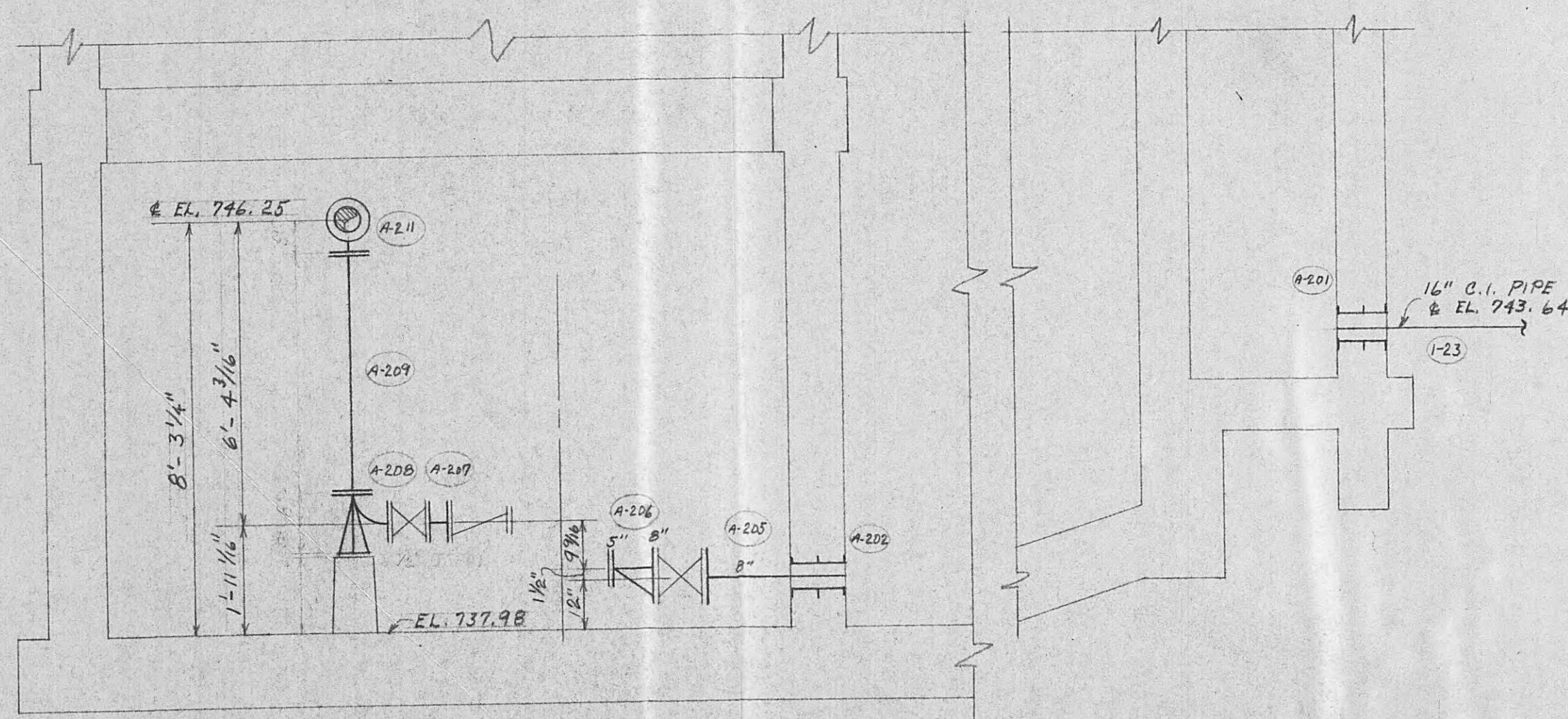
APPROVED:—SUBJECT TO
CORRECTIONS INDICATED
DATE: MAR 28 1958
WIEDEMAN & SINBLETON, ENGS.
BY G. C. Conley



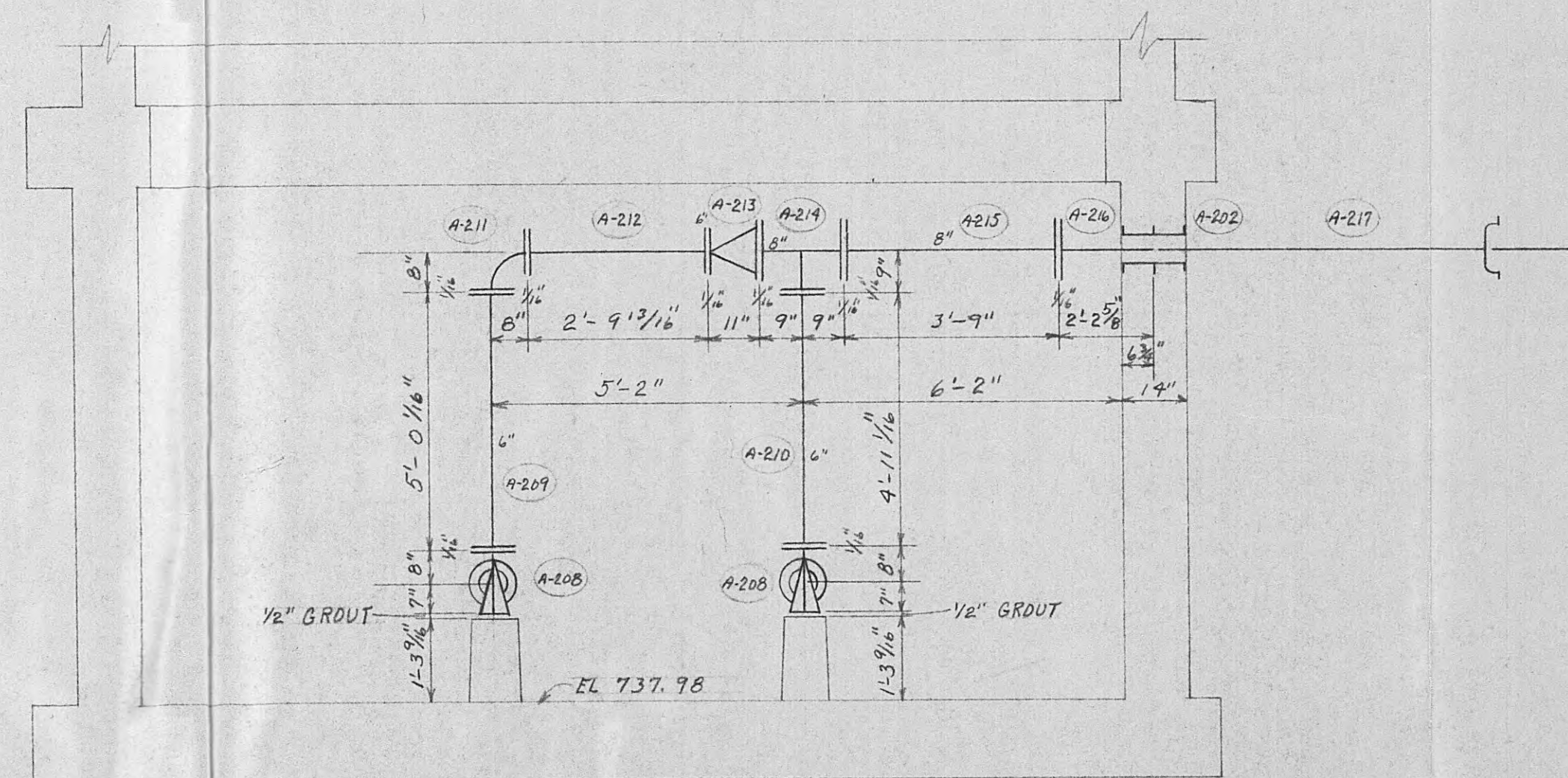
SECTION C-C

PUMPING STATION #1				
D-5	70 FT.	16"	DX-PE PIPE	
I-2	1	24"	PE-PE PIPE	6'-2" ON ES-8620 B-22
PUMPING STATION #A-1				
D-3	16 FT.	10"	DX-PE PIPE	
D-5	32 FT.	16"	DITTO	ITEMS A-5, A-6, ON ES-8541
PUMPING STATION #A-2				
D-2	16 FT.	8"	DX-PE PIPE	
D-6	1 EA.	8" X 6"	DX-PE REDUCER	GEDX
D-5	25 FT.	16"	DX-PE PIPE	
PUMPING STATION #B-1				
D-2	16 FT.	8"	DX-PE PIPE	
D-4	32 FT.	12"	DITTO	
PUMPING STATION #B-2				
D-1	16 FT.	6"	DX-PE PIPE	
D-2	32 FT.	8"	DITTO	
PUMPING STATION #3				
D-6	10 FT.	20"	PE-PE PIPE	
D-7	10 FT.	20"	PE-PE PIPE	

NOTE: FITTINGS FOR ABOVE LINES INCLUDED IN LIST ON ES-8620



SECTION A-A



SECTION B-B

BILL OF MATERIAL

MARK	NO. REQ'D	DESCRIPTION	
ENAMELINE			
A-201	2	16" WALL SLEEVES 12" LG. W/C IN CENTER	B
A-202	4	8" DITTO 14" LG. W/C IN CENTER	
A-203	1	8" B&S 90° BASE ELL AWWA, BASE F&D	
A-204	1	8" B&S PIPE 19'-4" LL	22
A-205	2	8" F-PE PIPE 3'-5 5/16" LG.	150
A-206	2	8" X 5" FLA ECCENTRIC REDUCER 11" F-F	
A-207	2	6" F-F PIPE 0'-7 1/2" LG.	150
A-208	2	6" FLG. 90° BASE ELL 8" C-F	
A-209	1	6" F-F PIPE 5'-0 1/16" LG.	150
A-210	1	6" F-F PIPE 4'-11 1/16" LG.	150
A-211	1	6" FLG. 90° ELL 8" C-F	
A-212	1	6" F-F PIPE 2'-9 13/16" LG.	150
A-213	1	8" X 6" FLG. REDUCER 11" F-F	
A-214	1	8" X 6" FLG. TEE 9" C-F	
A-215	1	8" F-F PIPE 3'-9"	150
A-216	1	8" F-PE PIPE 2'-2 5/8"	150
A-217	1	8" DX-PE PIPE 16'-0" LL	22
OUTSIDE PIPING FOR PUMPING STATIONS SEE SEPARATE LIST FOR BREAKDOWN			
D-1	1	6" DX-PE PIPE 16'-0" LL	22
D-2	3	8" DITTO 16'-0" LL	22
D-3	1	10" DITTO 16'-0" LL	22
D-4	2	12" DITTO 16'-0" LL	22
D-5	8	16" DITTO 16'-0" LL	22
D-6	1	20" PE-PE PIPE 10'-0" LL	22
D-7	1	20" PE-PE PIPE 10'-0" LG.	22

THIS DWG. MADE FROM PLANS OF
WIEDMAN & SINGLETON ENGINEERS
ATLANTA, GEORGIA



AMERICAN
CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA

FOR W. L. HAILEY & COMPANY INC.
SUBJECT DIVISION II, JOB 1311, HARRIMAN, TENN.
DETAIL SEWAGE PUMPING STATION A-2

APPROVED			
MADE 2/14/58 CEC	REV. 5-10-58 CEC	SCALE	
TRACED	REV.		
CHECK	REV.		
CHECK	REV.		

N.T.S. ES-8621

APPROVED - See to it
MAR 19 1958
WIEDMAN & SINGLETON, Engrs.
By: [Signature]