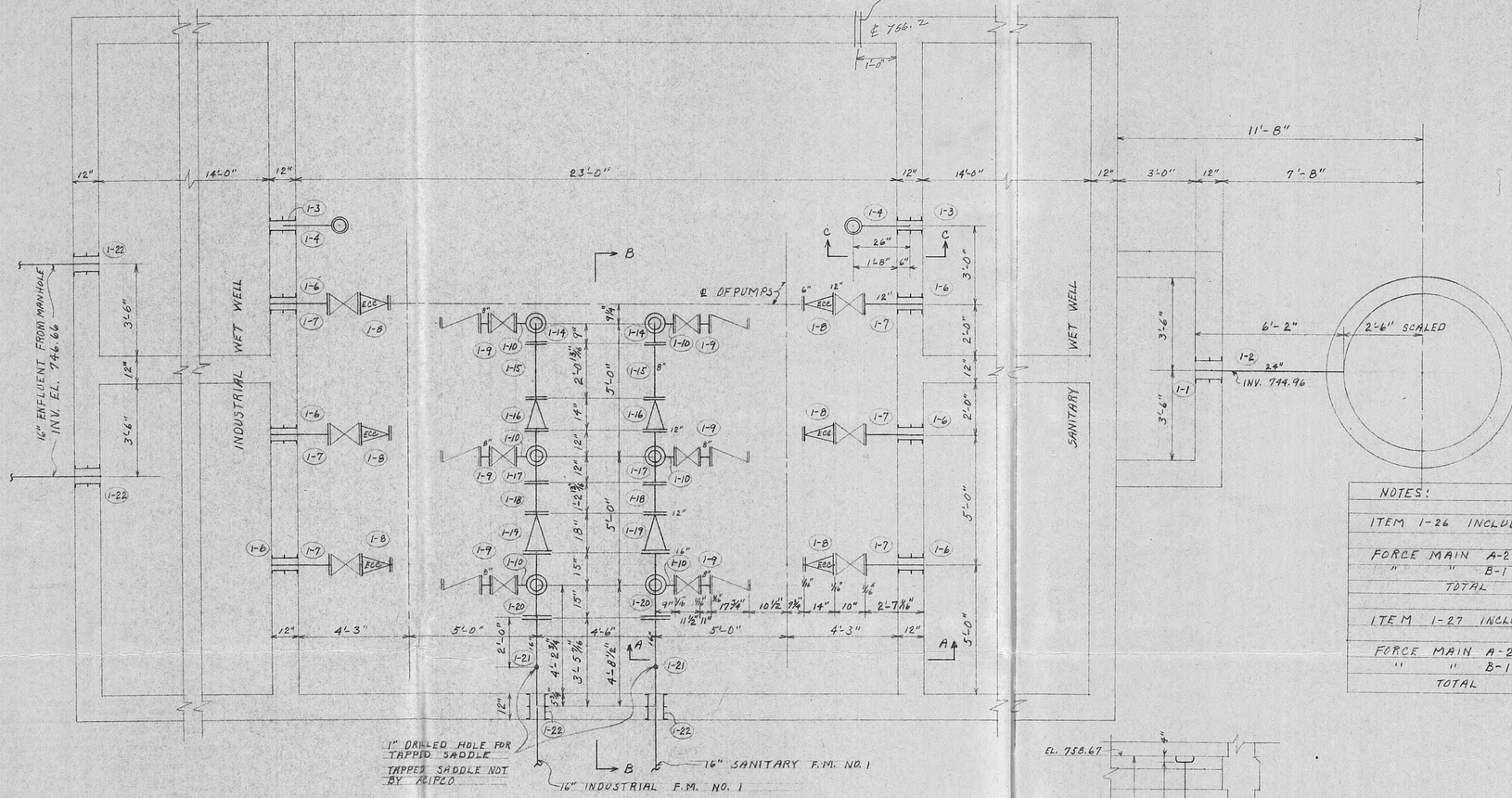
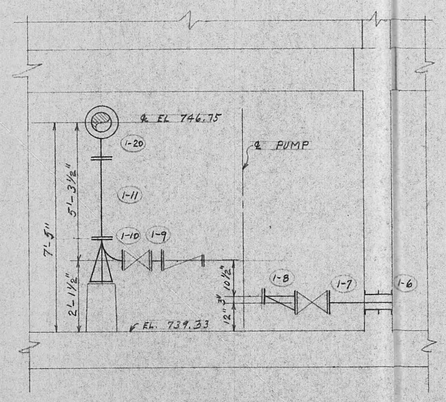
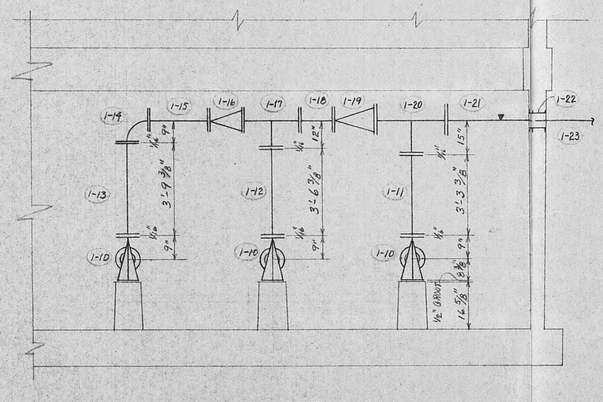


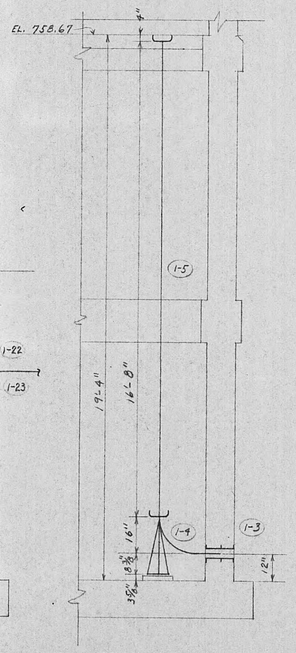
PLAN
PUMPING STATION # 1



SECTION A-A



SECTION B-B



SECTION C-C

NOTES:

ITEM 1-26 INCLUDES THE FOLLOWING:

FORCE MAIN A-2	31 PCS.	FOR 0'-6' CUT	
" " B-1	22 "	" 6'-12' CUT	
TOTAL	53 "		

ITEM 1-27 INCLUDES THE FOLLOWING:

FORCE MAIN A-2	39 PCS.	FOR 0'-6' CUT	
" " B-1	17 "	" 6'-12' CUT	
TOTAL	56 "		

BILL OF MATERIAL

MARK	NO. REQ'D	DESCRIPTION	CLASS
		ENAMELINED	
		PUMPING STATION NO. 1	
1-1	1	24" WALL SLEEVE 12" LG. W/C IN CENTER	B
1-2	1	24" PE PIPE 6'-2"	B 22
1-3	2	8" WALL SLEEVES 12" LG W/C IN CENTER	
1-4	2	8" B&S 90° BASE ELL, AWWA, BELL UP	
1-5	2	8" B&S PIPE 16'-8" LL	22
1-6	6	12" WALL SLEEVES 12" LG. W/C IN CENTER	
1-7	6	12" F-PE PIPE 2'-7 11/16"	150
1-8	6	12" X 6" ECCENTRIC REDUCER 14" F-F	
1-9	6	8" F-F PIPE 0'-11"	D
1-10	6	8" FLG. BASE 90° ELL 9" C-F	
1-11	2	8" F-F PIPE 3'-3 3/8"	150
1-12	2	8" F-F " 3'-6 3/8"	150
1-13	2	8" F-F " 3'-9 3/8"	150
1-14	2	8" FLG. 90° ELL 9" C-F	
1-15	2	8" F-F PIPE 2'-0 13/16"	150
1-16	2	12" X 8" FLG. REDUCER 14" F-F	
1-17	2	12" X 8" FLG. TEE 12" C-F	
1-18	2	12" F-F PIPE 1'-2 13/16"	150
1-19	2	16" X 12" FLG. REDUCER 18" F-F	D
1-20	2	16" X 8" FLG. TEE 15" C-F	D
1-21	2	16" F-PE PIPE 3'-5 5/16" DRILL 1-1" HOLE	
		2'-0" FROM FACE OF FLANGE	150
1-22	4	16" WALL SLEEVE 12" LG. W/C IN CENTER	B
		CAST IRON SEWERS BID ITEMS 20 & 21	
1-23	19	16" DX-PE PIPE 16'-0" LL.	22
1-24	13	20" DX-PE PIPE 16'-0" LL.	22
		FORCE MAINS BID ITEMS 8-11	
1-25	21	6" FASTITE PIPE 16'-0" LL.	21
1-26	53	8" DITTO 16'-0" LL.	20
1-27	56	8" DITTO 16'-0" LL.	21
1-28	35	10" DITTO 16'-0" LL.	20
1-29	5	10" DITTO 16'-0" LL.	22
1-30	1	10" DITTO 16'-0" LL.	23
1-31	29	16" DITTO 20'-0" LL.	21
1-32	100	12" DITTO 20'-0" LL.	23
1-33	20	16" DITTO 20'-0" LL.	24
		FORCE MAIN FITTINGS BID ITEM 12 AND OUTSIDE FITTINGS AT PUMP STATIONS	
○ 1-34	2	6" DX-DX 45° BEND	
○ ~~1-35~~	~~1~~	~~6" DX-DX 22½° BEND~~	
○ 1-36	2	8" DX-DX 90° ELL	
○ 1-37	4	8" DX-DX 22½° BEND	
○ 1-38	1	10" DX-DX 90° ELL	
○ ~~1-39~~	~~2~~	~~10" DX-DX 45° BEND~~	
○ 1-40	2	12" DX-DX 22½° BEND	
□ 1-41	1	16" B-B 90° ELL AWWA	B
○ 1-42	2	16" DX-DX 90° ELL	
○ 1-43	3	16" DX-DX 45° BEND	
○ 1-44	8	16" DX-DX 22½° BEND	
○ 1-45	1	20" DX-DX 90° ELL	
1-46	2	10" DX-DX 22½° BEND	
1-47	2	8" DX-DX 45° BEND	
1-48	1	8" DX-DX 22½° BEND	

NOTES:

○ INDICATES ITEMS PLACED ON ORDER NO. 28719 C.S. #5, 1/14/58 & C.S. #6 1/17/58

□ INDICATES ITEMS PLACED ON ORDER NO. 28719 C.S. #4 1/11/58

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

APPROVED — See Letter
MAR 19 1958 19
WIEDEMAN & SINGLETON, Engrs.
By

AMERICAN CAST IRON PIPE CO.
BIRMINGHAM 2, ALABAMA

DOUBLEX SIMPLEX PIPE
MOLOX BALL & SOCKET PIPE
PLAIN END PIPE
TWO-INCH CAST IRON PIPE
WELL TUBING AND CASING
MONOLOY THREADED PIPE
COLUMNS
FITTINGS
ENAMELINE & OTHER TYPES OF LININGS FOR SPECIAL SERVICE

FOR W. L. HAILEY & COMPANY INC.
SUBJECT SEWAGE IMPROVEMENTS, HARRIMAN, TENN.
DETAIL PUMP STA. #1 & FORCE MAINS
APPROVED
APPROVED

MADE 2/14/58 CEC	REV. 3-10-58 CEC	SCALE	
TRACED	REV.	N.T.S.	ES-8620
CHECK	REV.		
CHECK	REV.		

K-E ALBANENE 10&M. 61060