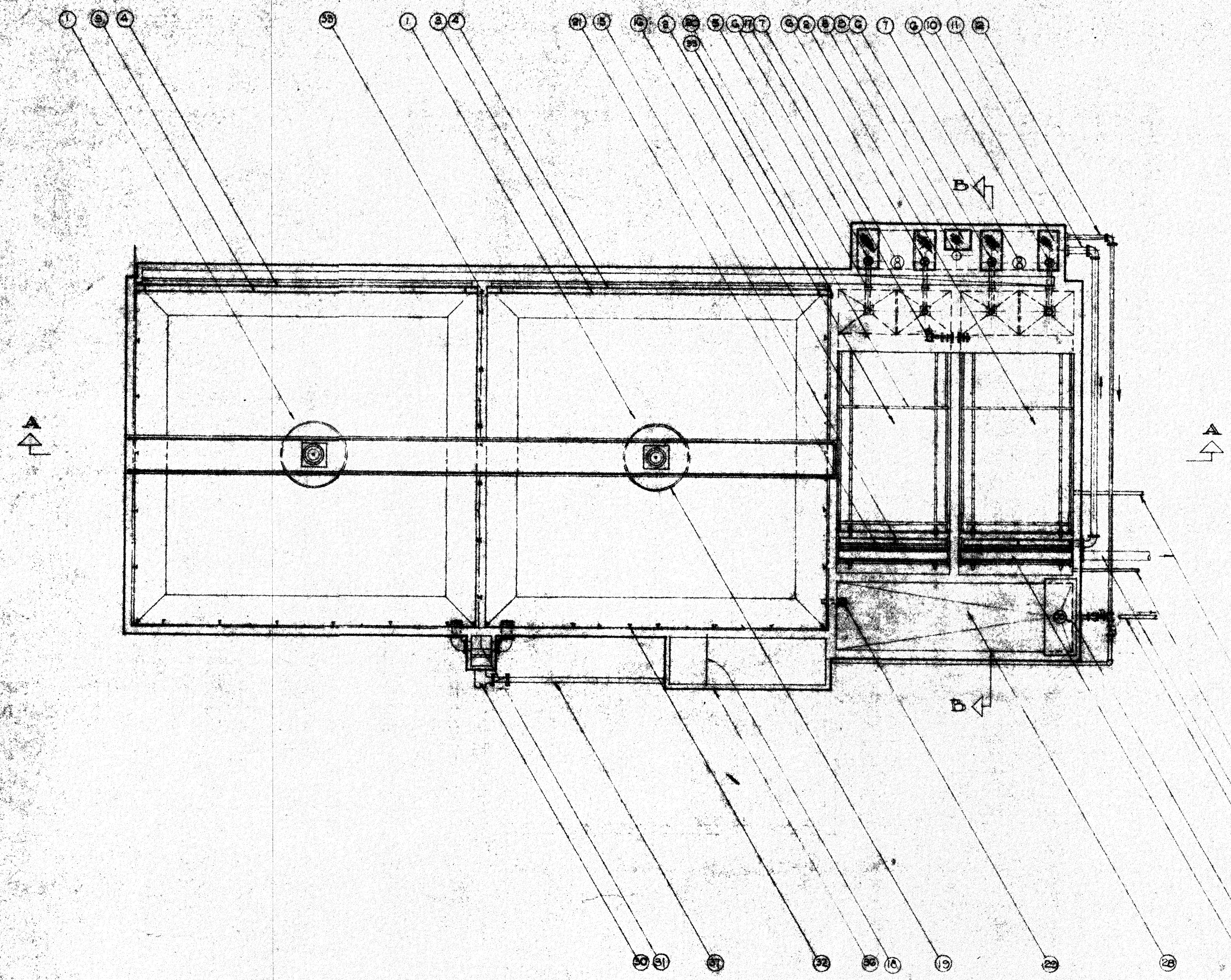
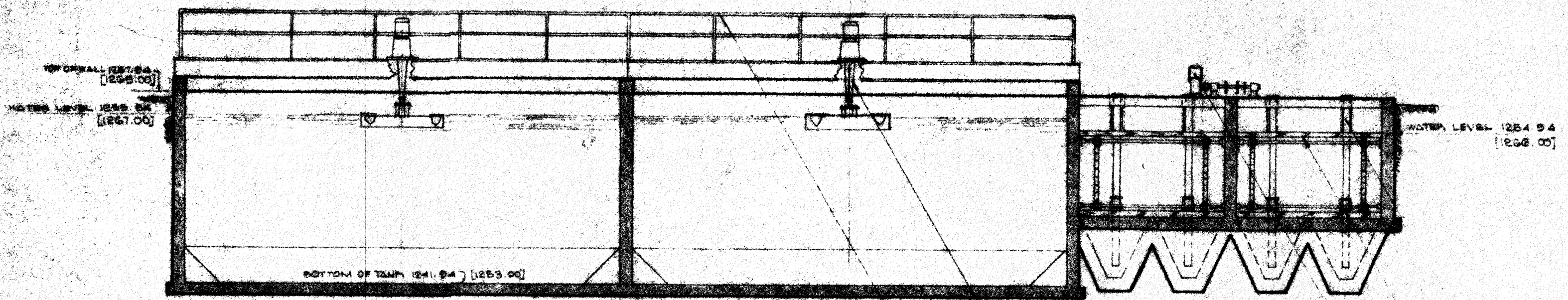
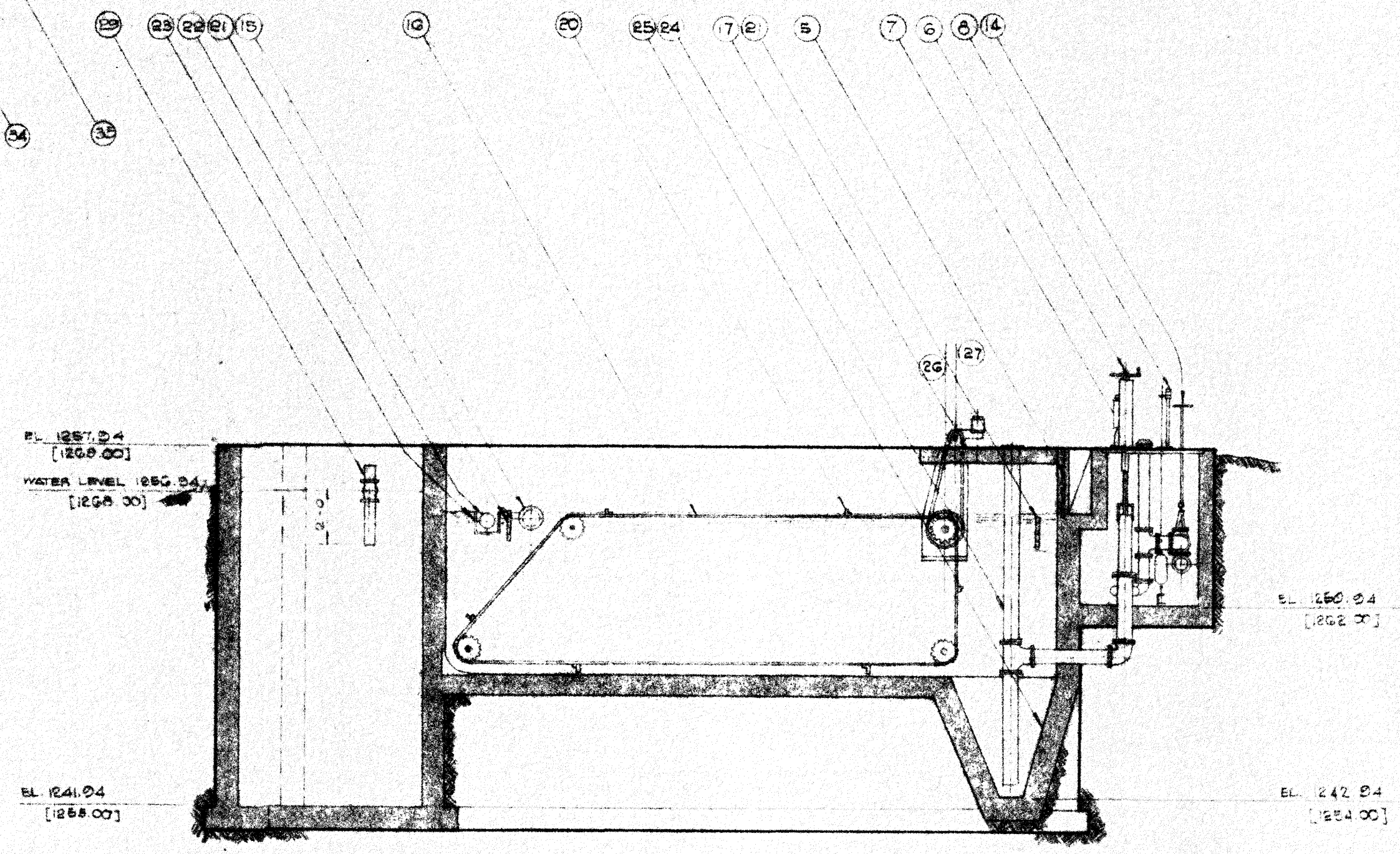




PLAN
SCALE: 1/8" = 1'-0"



SECTION A-A
SCALE: 1/8" = 1'-0"



SECTION B-B
SCALE: 3/16" = 1'-0"

NOTE: ELEVATIONS SHOWN IN BRACKETS () ARE FOR ALTERNATE CONSTRUCTION ABOVE GRADE.

NO.	NAME
1	AERATION TANK
2	SETTLING TANK
3	BAFFLE (SHEET STEEL)
4	ADJUSTABLE WEIR PLATE
5	ALUMINUM SLIDE GATE
6	TELESCOPING VALVE
7	PUMP
8	SLIDING FLOAT ACTUATED CONTROL SWITCH
9	INSPECTION MANHOLE
10	CHECKER PLATE - TYPICAL
11	8" SCUM LINE
12	6" SLUDGE RETURN & STORAGE
13	HAND RAIL
14	6" GATE VALVE
15	8" TILTING SCUM PIPE
16	STREAMLINE COLLECTOR
17	DRIVE UNIT
18	WEIR PLATE
19	SIGMA SURFACE AERATOR ASSEMBLY
20	COLLECTOR FLIGHT
21	WOOD BAFFLE (CYPRESS)
22	12" EFFLUENT
23	WEIR TROUGH
24	SLUDGE RETURN PIPE
25	SLUDGE HOPPER
26	4 OF DRIVE UNIT
27	2 OF HEAD SHAFT
28	SLUDGE STORAGE
29	OVERFLOW - 4"
30	12" INFLUENT
31	FLOW DIVISION CHAMBER
32	SPRAY NOZZLE 6" O.C. AS SHOWN
33	FROTH CONTROL LINE & HOSE BIBB 1/2" GALV.
34	PUMP TO SLUDGE BEDS - 320 GPM @ 25' HEAD
35	6" DISCH. TO DRYING BEDS
36	SLUDGE RETURN WEIR BOX
37	8" SLUDGE RETURN PIPE
38	CHLORINATOR PUMP SUCTION
39	FROTH CONTROL PUMP SUCTION

PREPARED BY
J. A. GUSTIN & ASSOCIATES
CONSULTING ENGINEERS
MARTINSVILLE, VIRGINIA

FERRUM WATER AND SEWERAGE AUTHORITY

MECHANICAL ASSEMBLY
EXTENDED AERATION TREATMENT PLANT

DATE 9-30-69
APPROVED BY J.A.G.
DRAWING NUMBER TP2