

BUILDINGS

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NUMBERS

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WASTEWATER TREATMENT SHOP 84

Wastewater Treatment Branch at Camp Lejeune, North Carolina consists of 6 secondary treatment plants and 1 automated advanced tertiary treatment plant. In Fiscal Year 1986, these plants treated 2,866,564,322 gallons of wastewater.

INDIVIDUAL PLANT CAPACITIES

Hadnot Point	8.0 M.G.D.
Camp Geiger	1.6 M.G.D.
Tarawa Terrace	1.25 M.G.D.
Camp Johnson	1.0 M.G.D.
Onslow Beach	.195 M.G.D.
Rifle Range	.585 M.G.D.
Courthouse Bay	.600 M.G.D.

These plants receive flows from 60 remote pumping stations and 15 water and oil separators that are operated and repaired by wastewater personnel.

There are 46 operators and mechanics maintaining these facilities which are regulated by the State of North Carolina, which monitor and inspect as they see fit to insure compliance with NPDES permits.

We are awaiting new permits which should be issued within the next 30 days.

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

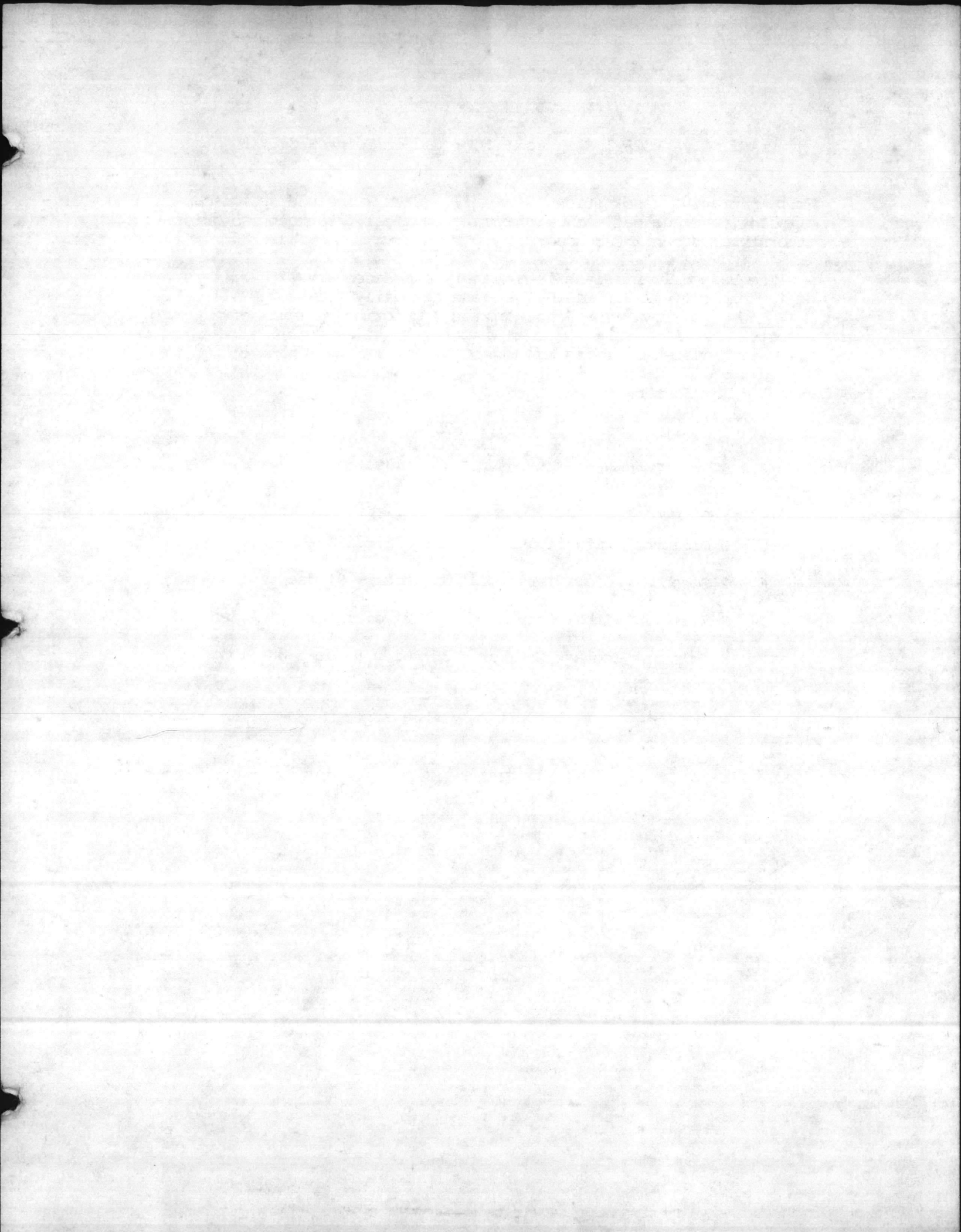
PLANT NO. & LOCATION H.P. PLANT - Hadnot Point Bldg. 22

Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Hadnot Point Plant is a Primary and Secondary with filters. The design capacity is 8.0 M.G.D. The average daily flow for FY 86 is 4,602,214 gal/day. The Plant carries a chlorine residual of 2.0 mg/L or better.

The Plant consist of the following tanks and equipment:

1. Bar Screen
2. 4 Comminutors (2-15") and (2-25")
3. 5 Grit Chambers = 2' wide 2' deep 40' long
4. 8 Primary Clarifiers = 16' wide 70' long 10' deep
5. 6 Digestors with floating cover = 35' diameter - 19' deep
6. 2 Secondary Clarifiers = 70' diameter - 9' deep
7. 2 Filters, with rotary dist. = 170' diameter - 10' deep
8. 1 Chlorine Contact Chamber = 36' wide 6' deep 88' long
9. 18 Drying Beds = 20' wide 75' long



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

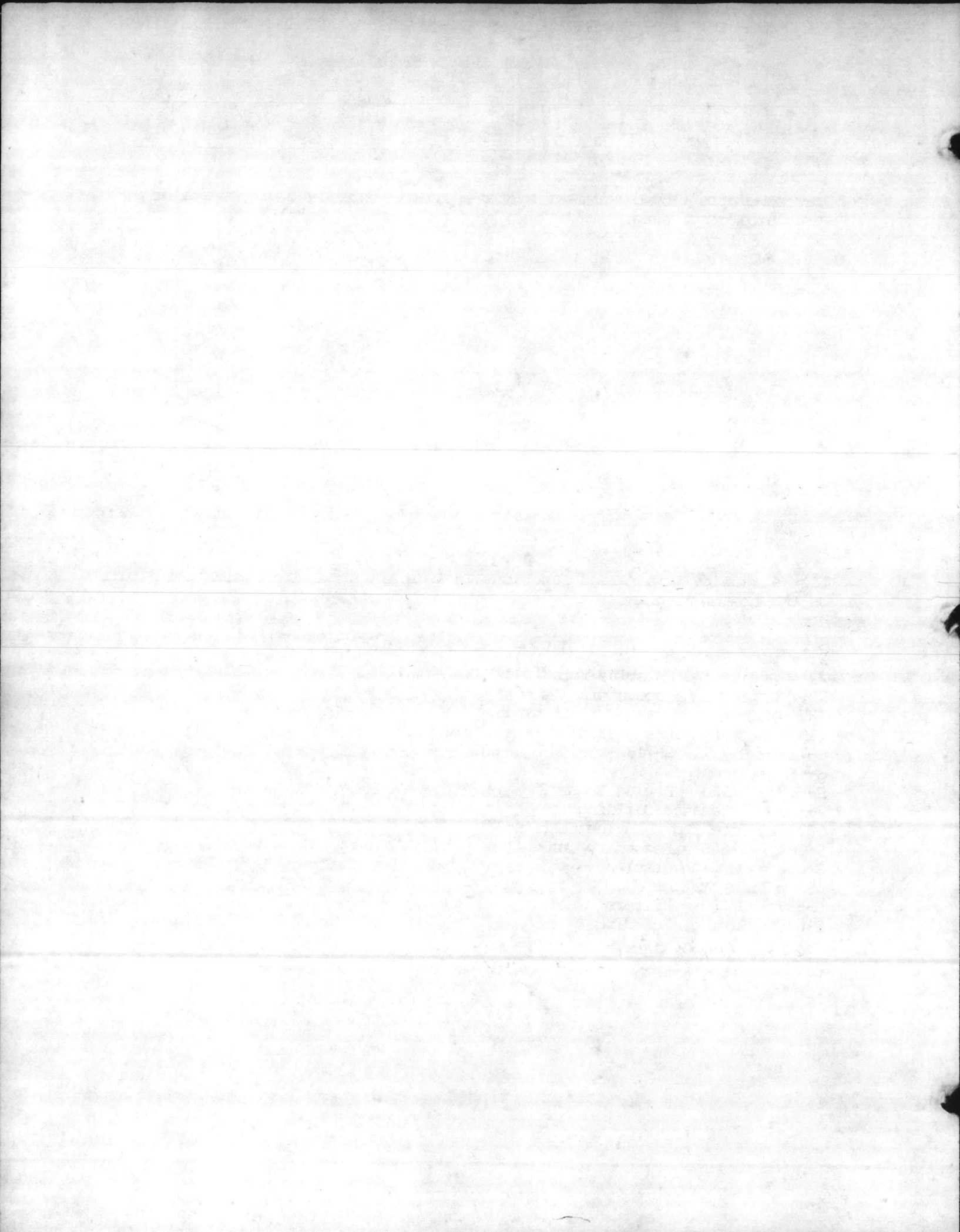
PLANT NO. & LOCATION H. P. Plant - Hadnot Point

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

21 = Lift Station
22 = Office and Chlorine room
32 = Boiler and Supernating Room
737 = Comminutors and Grit Chambers
719 = Primary Tanks 8 each
S-716 - S-717 - S-718 - S-764 - S-681
S-682 = Digestors
S-722 - S-723 = Drying Beds 18
765 = Maintenance Building
683 = Office and Chlorine Chamber
S-684 - S-685 = Secondary Tanks
S-686 = Pumping Station
680 = Lift Station
S-687 - S-688 = Filters
S-697 = Storage Building
675 = Lagoon Pump Station
S-676 = Erit channel complex



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION H. P. Plant - Hadnot Point

Lift Stations included in the plants treatment system:

LIFT STATIONS BLDG. NO.

- 1. S-1761
- 2. S-1776
- 3. S-1881
- 4. S-1055
- 5. S-702
- 6. PT-41
- 7. 34
- 8. 85
- 9. H-29
- 10. S-47
- 11. S-47A
- 12. S-1948
- 13. S-2633
- 14. 2100
- 15. NH110
- 16. S-46
- 17. S-672
- 18. SFC116
- 19. SFC315
- 20. SFC599
- 21. SFC259
- 22. SFC260
- 23. SFC199
- 24. FC39
- 25. GP 22
- 26. S-1455
- 27. 855

-28. New lift station by new car wash. S-1053

29. NH-BOQ

30. 712 (access from 670)

31. FC-133

32. NEW H.S. BALLFIELD

OIL & WATER SEPARATORS

- 1. S-1882
- 2. S-1723
- 3. S-948
- 4. SPG 28
- 5. S-1859
- 6. FC-130

~~7. S-1343~~

7. S-1444 Dogwood St. By 1445

36-~~28~~-S-1854 HIGH School S-835

~~34-NEW~~
~~34-130 High School~~

35-575 LAI BLD MATH SERVICE RD

37-1343 ~~1328~~ - Beside Bldg 1323 Paint Shop
at rear of 1317 Warehouse

38-913- Recycle Plant

39-~~4005~~ - Midway Park

~~40-718~~
40. Burger King Bldg 1220

41- Hobby Shop 1102

42- Lake Pond 659

~~43-FC-134~~

43-FC-270

44-A-127

~~45 Camp Site Old Navy Hospital~~

45. Stone Street Ball Field UN1255

46 FC-134 Behind GP22

47. Steam Plant Office

48. Domond's PIZZA

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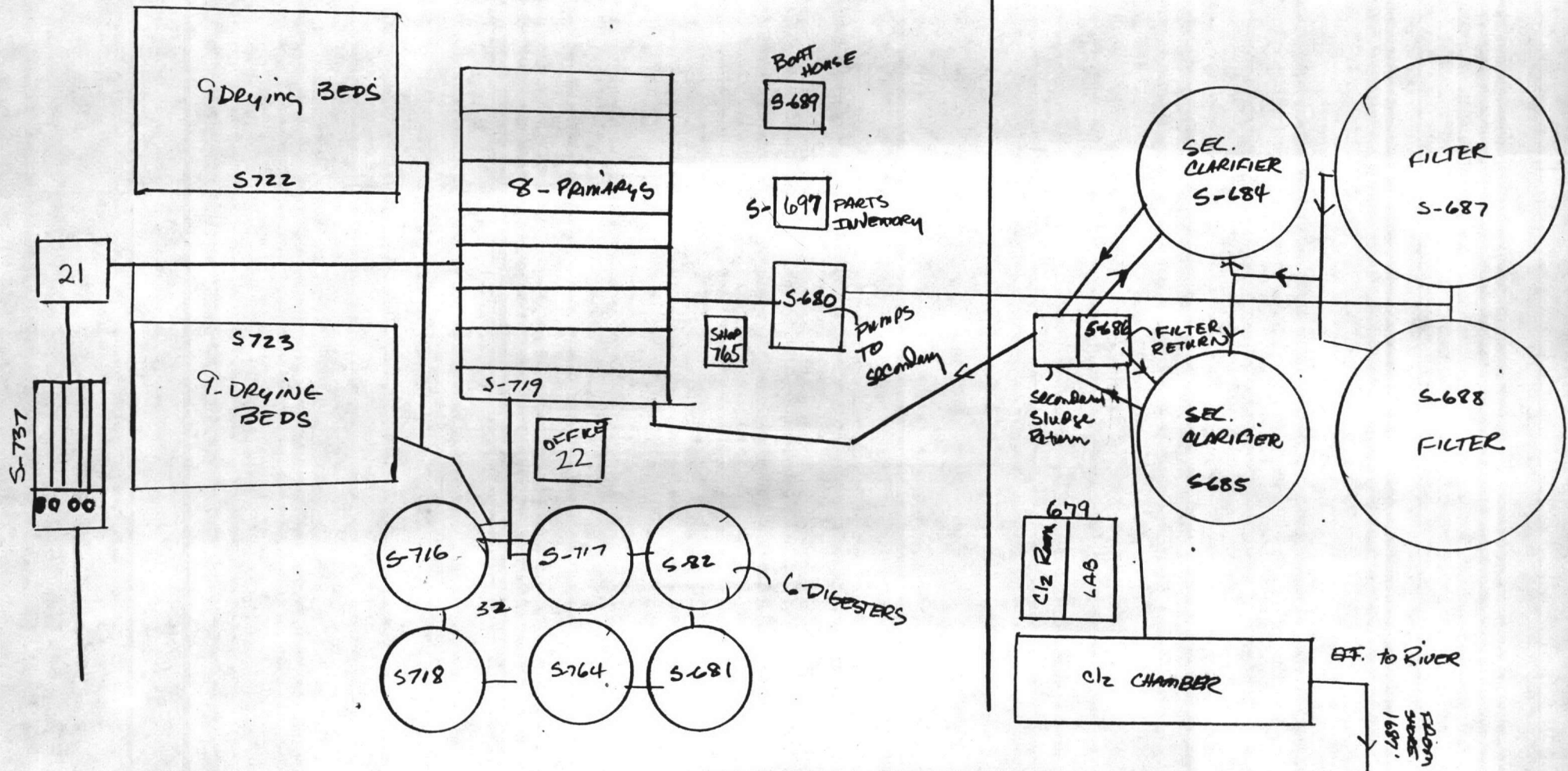
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HADNOT POINT

NOTES:

- 1) CAPACITY 8.0 mgd
- 2) 28-Remote LIFT STATIONS
- 3) 5-WATER & OIL SEPARATORS



Across Hill 2

Pond Pumping Station
675

Grit Channel Area
S-676

Via Mr Baker

Boat Horse
S-689

S-697 PARTS INVENTORY

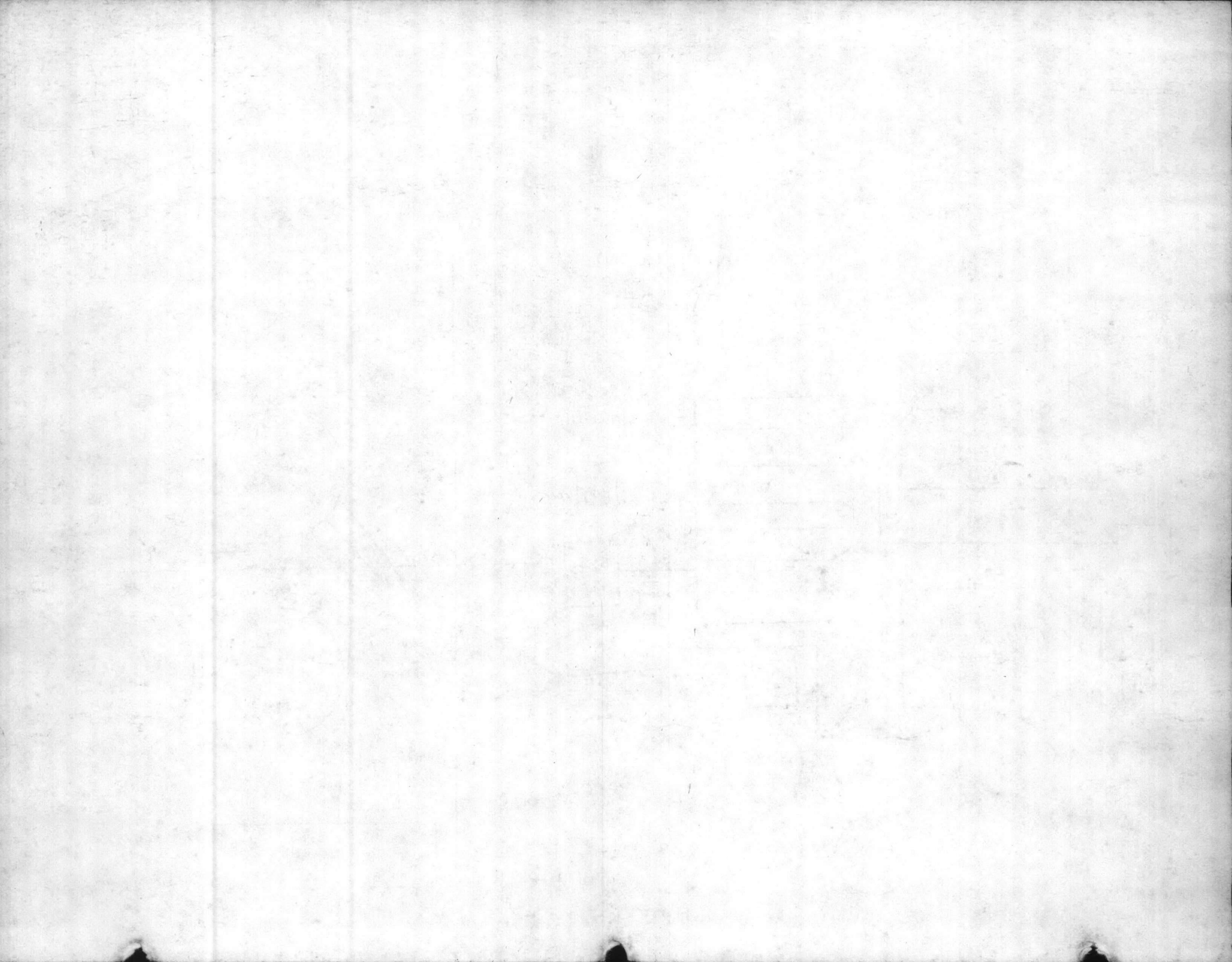
S-680 PUMPS TO SECONDARY
Shop 765

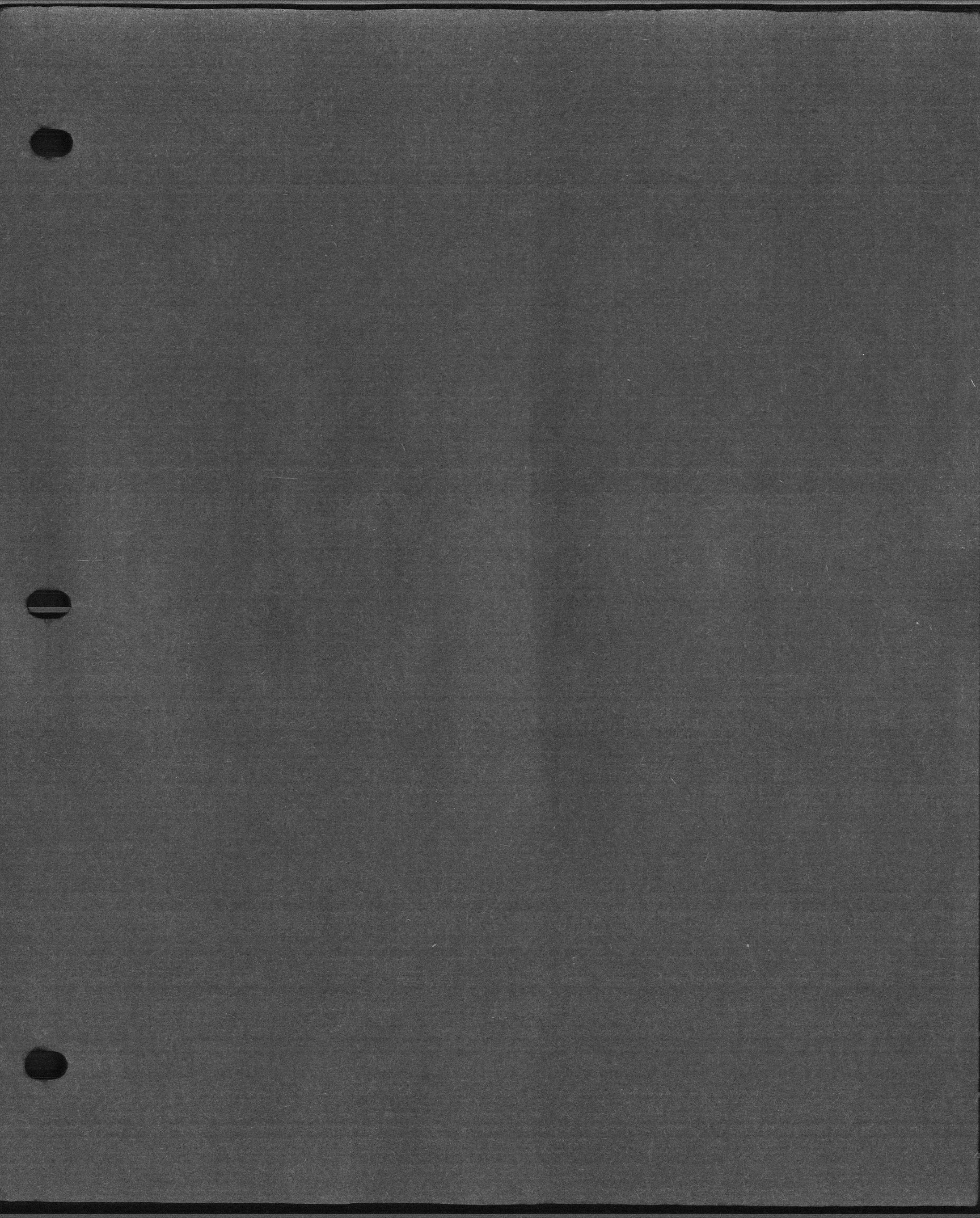
OFFICE 22

S-688 FILTER RETURN
Secondary Sludge Return

679
Clz Room LAB

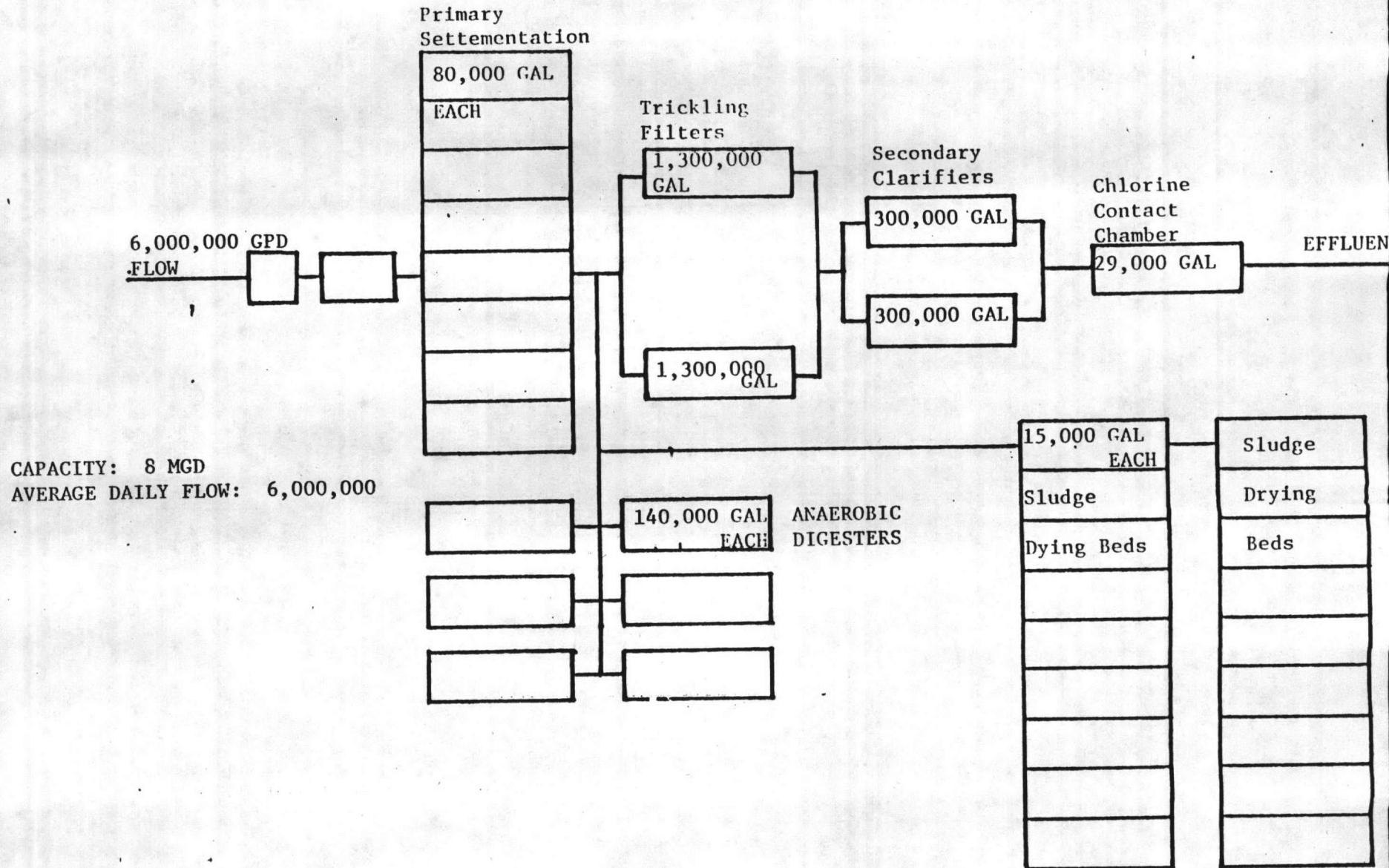
EFF. TO RIVER
Siphon
S-689



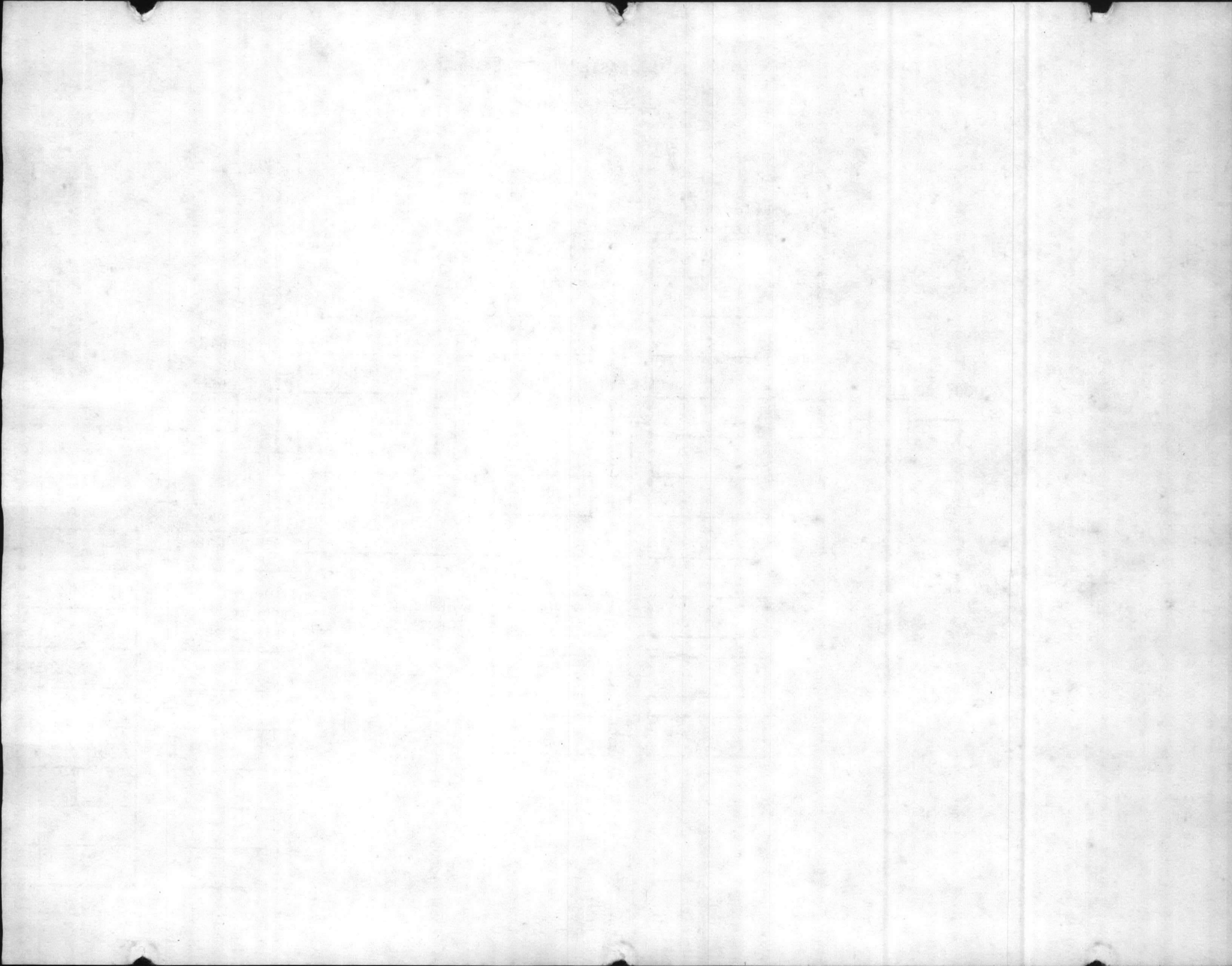


HADNOT POINT WASTEWATER TREATMENT PLANT

BUILDING 22



TOTAL: 39,672 Sq Ft.



SEWAGE EQUIPMENT INVENTORY FOR
HADOT POINT

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
HP 686	PUMP 2, SLUDRET	GORMAN RUPP	T4A3B	542580N	1145	0.00	0/ 0	0.0	400
HP 686	MOTOR 3, FILCIR	WESTINGHOUSE	(FR254MP)	2766290	1165	7.50	240/460	0.0	0
HP 686	PUMP 3, FILCIR 1	FAIRBANKS	6360	K2N6053419	1165	0.00	0/ 0	18.0	1000
HP 686	MOTOR 4	WESTINGHOUSE	(FR254TB)	680B276629	1165	7.50	240/460	0.0	0
HP 686	PUMP 4, FILCIR2	FAIRBANKS	6360	K2N6053419	1165	0.00	0/ 0	0.0	1000
HP 702	MOTOR 1	LINCOLN	182T	1618879	1155	0.00	200/400	0.0	0
HP 702	PUMP 1	CROWN	P03LB-7B	254839	1155	0.00	0/ 0	0.0	0
HP 702	MOTOR 2	LINCOLN	182	1640893	1155	1.50	200/400	0.0	0
HP 702	PUMP 2	CROWN	P03LB-7B	254838	0	0.00	0/ 0	0.0	0
HP 737	MOTOR, MUDHOG	U S	(FR21522)	6212522508H1900	1755	3.00	230/460	0.0	0
HP 737	PUMP, MUDHOG	MARLOW	405E	675677	0	0.00	0/ 0	0.0	0
HP 737	MOTOR, COMMUN 1	STAR ELECTRIC	4N0J1749		1750	0.75	220/440	0.0	0
HP 737	COMMUNOTOR 1	CHICAGO	617624RH		0	0.00	0/ 0	0.0	0
HP 737	MOTOR, COMMUN 2	STAR ELECTRIC	4N0J1749		1750	0.75	220/440	0.0	0
HP 737	COMMUNOTOR 2	CHICAGO	617624LH		0	0.00	0/ 0	0.0	0
HP 737	MOTOR, COMMUN 3	RELIANCE	(FRF145TC)	B76020364ZF	1725	1.50	230/ 46	0.0	0
HP 737	MOTOR, COMMUN GR	RELIANCE	145TM21F1	10255699NG	0	0.00	0/ 0	0.0	0
HP 737	MOTOR, COMMUN 4	RELIANCE	(FR145T0)	B76U2036MZF	1725	1.50	230/460	0.0	0
HP 737	COMMUNOTOR, GM	RELIANCE	145TM21F1	10255699NG	0	0.00	0/ 0	0.0	0
HP 85	MOTOR 1	WESTINGHOUSE	14N3632	5502	875	3.00	208/416	0.0	0
HP 85	PUMP 1	YEOMAN	43LNC	40196	875	0.00	0/ 0	24.0	200
HP 85	MOTOR 2	WESTINGHOUSE	14N3632	5502	875	3.00	208/416	0.0	0
HP 85	PUMP 2	YEOMAN	4L3NC	40196	875	0.00	0/ 0	24.0	200
HP 85	AUX GEN		GAS 15 KW		0	0.00	120/208	0.0	0
HP 855	MOTOR 1	CONTINENTAL	D82921	N254X	1750	5.00	208/ 0	0.0	0
HP 855	EJECTOR 1	NASH-HYDRD	82921	MD674	1750	0.00	0/ 0	0.0	100
HP 855	MOTOR 2	CONTINENTAL	D82921	N254X	1750	5.00	208/ 0	0.0	0
HP 855	EJECTOR 2	NASH-HYDRD	82922	MD674	1750	0.00	0/ 0	0.0	100
HP 855	PUMP, SUMP	PEABODY-BARNES			0	0.00	115/ 0	0.0	0
HP FC 116	MOTOR 1	WESTINGHOUSE	TBEP	82121	1740	1.50	200/ 0	0.0	0
HP FC 116	PUMP 1	WEIL	4X42831141.5	278427	0	0.00	0/ 0	25.0	100
HP FC 116	MOTOR 2	WESTINGHOUSE	TBED	821221	1740	0.50	200/ 0	0.0	0
HP FC 116	PUMP 2	WEIL	4X42831141.5	278428	0	0.00	0/ 0	25.0	100
HP FC 116	PUMP, SUMP	HYDROMATIC	DSP-33		0	0.33	115/ 0	0.0	0
HP FC 203	MOTOR 1	WESTINGHOUSE	ABOP	377P417G01	1745	7.50	208/440	0.0	0
HP FC 203	PUMP 1	DAVCO	14A11B	327523	1750	0.00	0/ 0	50.0	80
HP FC 203	PUMP 2	HYDROMATIC			0	7.50	208/440	50.0	600
HP FC 203	AUX GEN		GAS 30KW		0	0.00	120/208	0.0	0
HP FC 260	PUMP 1	BALDOR	FR 145T6	35A03-872	1725	2.00	230/460	0.0	75
HP FC 260	PUMP 2	BALDOR	FR 145TC	35A03-872	1725	2.00	230/460	0.0	75
HP FC 315	MOTOR 1	G E	5K6237XH268A	B284TP12	1750	25.00	208/416	0.0	0
HP FC 315	PUMP 1	FAIRBANKS	(FIG B5443)	K3R1054282	0	0.00	208/416	65.0	1000
HP FC 315	MOTOR 2	G E	5K6234XM104R	DXJ411287	1760	25.00	208/416	34.0	1000
HP FC 315	PUMP 2	FAIRBANKS	(FIG B5443)	K3M1054678	1750	25.00	0/ 0	65.0	1000
HP FC 316	AUX GEN		DIESEL 60 KW		0	0.00	120/208	0.0	0
HP FC 599	MOTOR 1	BALDOR	CAT. JM3311T	213TC	1750	7.50	230/460	0.0	0
HP FC 599	PUMP 1	VALLEY	4ULVBM	7845324	1750	0.00	0/ 0	22.0	600
HP FC 599	MOTOR 2	G E	5K2540P6757	FR L254MPZ10	1760	15.00	200/ 0	0.0	0

LOCATION	DESCRIPTION	AREA	MODEL	SERIAL NUMBER	RM #	DATE	TIME	SP
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1482	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1483	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1484	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1485	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1486	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1487	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1488	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1489	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1490	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1491	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1492	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1493	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1494	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1495	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1496	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1497	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1498	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1499	0.00	1987	0.00	400
HR 300	FURN 300	WESTHOUSE	WESTHOUSE	1500	0.00	1987	0.00	400

SEWAGE EQUIPMENT INVENTORY FOR
HADOT POINT

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
HP FC 599	PUMP 2	VALLEY PUMP GP	4ULVM	78415132	1750	0.00	0/ 0	57.0	550
HP FC 599	PUMP, SUMP	GOULD	WP05115018		1625	0.50	115/ 0	0.0	0
HP FC 599	AUX GEN		DIES 15KW		0	0.00	0/ 0	0.0	0
HP FCC 315	PUMP, SUMP	GOULD	UP05115018L		1625	0.50	115/ 0	0.0	0
HP GP 16	W/OIL SEP				3500	2.00	208/ 0	28.5	75
HP GP 16	W/OIL SEP				3500	2.00	208/ 0	28.5	75
HP GP 22	MOTOR 1	BALDOR	FR 145T	876	1140	1.50	230/460	0.0	0
HP GP 22	PUMP 1	CROWN	PO3LB-7B	254842	1140	0.00	0/ 0	0.0	50
HP GP 22	MOTOR 2	BALDOR	FR 175T	876	1140	1.50	230/460	0.0	0
HP GP 22	PUMP 2	CROWN	PO3LB-7B	254841	1700	0.00	0/ 0	0.0	50
HP H 29	PUMP 1	FAIRBANKS	VOSLMC4	DG61-6982	0	0.00	0/ 0	32.0	500
HP H 29	MOTOR 1	US	254U	2600627	1500	7.50	220/440	0.0	0
HP H 29	PUMP 2	YEDMAN		24809	1130	0.00	0/ 0	30.0	450
HP H 29	MOTOR 2				1130	5.00	220/440	0.0	0
HP H 29	SUMP PUMP	DEMMING	NONE	4604C4369	0	0.34	115/ 0	0.0	50
HP H 29	AUX GEN		GAS KW AC		0	0.00	0/ 0	0.0	0
HP LCH4005	MOTOR 1	U S	FR2544	258162	1200	3.00	208/416	0.0	0
HP LCH4005	PUMP 1	CHICAGO	VOSLLC4	HL612073799A	1200	0.00	0/ 0	21.0	200
HP LCH4005	MOTOR 2	U S	FR2544	258180	1200	3.00	208/416	0.0	0
HP LCH4005	PUMP 2	CHICAGO	VOSLLC4	HL612073799B	0	0.00	0/ 0	21.0	200
HP LCH4005	MOTOR 3	FAIRBANKS	FRPT326PV0	F34998	1165	7.50	220/440	0.0	0
HP LCH4005	PUMP 3	CHICAGO	VOSLM4	6105632	1169	0.00	0/ 0	32.0	600
HP LCH4005	PUMP, SUMP	PENBERTHY	2MSKC42JG		0	0.33	115/ 0	0.0	0
HP NH 110	MOTOR 1	U S	(FR256VPDP)	R2145700G015019	1155	10.00	230/460	0.0	0
HP NH 110	PUMP 1	PACIFIC	5241212358D1017	CSB59541B1060	1155	0.00	0/ 0	40.0	500
HP NH 110	MOTOR 2	U S	(FR256VP)	F0540066MM	1155	10.00	230/460	0.0	0
HP NH 110	PUMP 2	PACIFIC	52412358D101783	CSB59541B1060	1155	0.00	0/ 0	40.0	500
HP NH 110	PUMP, SUMP	HYDROMATIC	SV25A	NONE	0	0.25	115/ 0	0.0	0
HP NH 110	AUX GEN				0	0.00	0/ 0	0.0	0
HP ORDPOND	MOTOR 1	MARATHON	AF14FTTFR7054AB	NONE	1725	1.00	230/460	0.0	0
HP ORDPOND	PUMP 1	CHICAGO	BE6413841	UCSN5C4	1725	0.00	0/ 0	20.0	75
HP PT 41	MOTOR 1	WESTINGHOUSE	77356461L29	AB74	1725	2.00	230/460	0.0	0
HP PT 41	PUMP 1	GORMAN RUPP	T3A3B	561162	1725	0.00	0/ 0	0.0	0
HP PT 41	MOTOR 2	WESTINGHOUSE	773B646L29	AB74	1725	2.00	230/460	0.0	0
HP PT 41	PUMP 2	GORMAN RUPP	T3A3B	561162	1725	0.00	0/ 0	0.0	0
HP S 1450	W/OIL SEP	WEIL	4220614-1	265-857	1750	0.50	208/ 0	17.0	50
HP S 1747	MOTOR & PUMP 1				1750	0.50	208/ 0	18.0	50
HP S 1808	W/OIL SEP				1750	2.00	208/ 0	20.0	50
HP S 1808	W/OIL SEP				1750	2.00	208/ 0	20.0	50
HP S 1854	W/OIL SEP	WEIL	2-160114-1	275-317	1750	1.50	208/ 0	0.0	100
HP S 1855	PUMP 1	WEIL	220614.5	2733ML	0	0.00	0/ 0	0.0	100
HP S 1855	PUMP 2	WEIL	1220614.5		0	0.00	0/ 0	0.0	100
HP S 1948	MOTOR 1	G E	5K213A6201	FR213	1750	3.00	208/440	0.0	0
HP S 1948	COMPRESSOR 1	GAST	4565P22	0381	1750	0.00	0/ 0	0.0	0
HP S 1948	MOTOR 2	TRANE	(FR 213)		1750	3.00	208/440	0.0	0
HP S 1948	PUMP, SUMP 1	PENBERTHY			0	0.33	115/ 0	0.0	0
HP S 1948	AUX GEN		GAS 15 KW		0	0.00	240/ 0	0.0	0
HP S 2100	MOTOR 1	BALDOR	20BTM	K37267	1140	1.75	208/416	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR
HADOT POINT

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
HP 1055	MOTOR 1	BALDOR	(FR18410634M)		1725	0.50	200/ 0	0.0	0
HP 1055	PUMP 1	WEINMAN			1725	0.00	0/ 0	60.0	75
HP 1761	MOTOR,	U S	124300167		1735	7.50	220/ 0	0.0	0
HP 1761	EJECTOR, PNEU				0	0.00	0/ 0	0.0	100
HP 1776	MOTOR 1	US	R041400271	R2040085	1150	15.00	208/440	0.0	0
HP 1776	PUMP 1	CRANE & DENNING	7182	SP457653	1150	0.00	0/ 0	55.0	300
HP 1776	MOTOR 2	US	RV41400271	R2040086	1150	15.00	208/440	0.0	0
HP 1776	PUMP 2	CRANE	7182	SP457654	1150	0.00	0/ 0	55.0	300
HP 1776	AUX GEN		DIES 45KW		0	0.00	0/ 0	0.0	0
HP 1776	SUMP PUMP				0	0.00	115/ 0	0.0	50
HP 2 1747	MOTOR & PUMP 2				1750	0.50	208/ 0	18.0	50
HP 21	MOTOR 1	FAIRBANKS	QZKU	320998	880	25.00	220/440	0.0	0
HP 21	PUMP 1	FAIRBANKS	K75322	S1765414	860	0.00	0/ 0	26.0	2000 3000
HP 21	MOTOR 2	FAIRBANKS	QZKU	F123918	730	15.00	220/440	0.0	0
HP 21	PUMP 2	FAIRBANKS	65414	759477	730	0.00	0/ 0	26.0	1500
HP 21	MOTOR 3	U S	CFU	914461	900	30.00	220/440	0.0	0
HP 21	PUMP 3	PEERLESS			860	0.00	0/ 0	26.0	2800
HP 21	MOTOR 4	FAIRBANKS	QSZU	403903	690	25.00	220/440	0.0	0
HP 21	PUMP 4	FAIRBANKS	615415E6S	42954	690	25.00	0/ 0	25.0	2500 3000
HP 21	AUX GEN		DIES 400KW		0	0.00	270/480	0.0	0
HP 21	AUX GASENG	INTERNAT HARV	U264	UHU264-1850	1600	0.00	0/ 0	0.0	0
HP 21	AUX GASENG	CONTINENTAL	M363-4186M	5049	0	0.00	0/ 0	0.0	0
HP 21	MOTOR,GRIT CH	U S	(FR21522)	62-12522508H19	0	3.00	0/ 0	0.0	0
HP 21	PUMP,GRIT CH				0	0.00	0/ 0	0.0	0
HP 21	MOTOR,COMMIN 1				0	0.00	0/ 0	0.0	0
HP 21	MOTOR, COMMIN 2				0	0.00	0/ 0	0.0	0
HP 21	MOTOR, COMMIN 3				0	0.00	0/ 0	0.0	0
HP 21	MOTOR, COMMIN 4				0	0.00	0/ 0	0.0	0
HP 21	PUMP, SUMP				0	0.00	115/ 0	0.0	0
HP 21	COMPRESSOR,			J410065	0	0.00	0/ 0	0.0	0
HP 21	MOTOR,COMPRESSR	LELAND			0	0.00	0/ 0	0.0	0
HP 21	MOTOR,WATER PUM	CENTURY	(FR91)	R1	0	0.75	0/ 0	0.0	0
HP 21	PUMP, WATER	MEYERS & BROS	V9138M8064F1	66370	0	0.00	0/ 0	0.0	0
HP 21	MOTOR,WATER PUM	CENTURY		R1	1700	0.75	220/440	0.0	0
HP 21	PUMP, WATER	MYERS	V913AM8064F1	66370	0	0.00	0/ 0	0.0	0
HP 21	MOTOR, ACOMP	LELAND	P	17174	1725	1.50	208/416	0.0	0
HP 21	COMPRESSOR, AIR	AMERICAN	B321SB558	J410065	0	0.00	0/ 0	0.0	0
HP 21	FAN, EXHAUST LS				0	0.00	0/ 0	0.0	0
HP 21	EXHAUST,FAN RS				0	0.00	0/ 0	0.0	0
HP 22	PUMP, SLUDGE 1	MOYNO	CD0AAA	AM103287	0	0.00	0/ 0	0.0	0
HP 22	MOTOR, SLUDGE 1	WESTINGHOUSE	6808105G39	7005	0	10.00	0/ 0	0.0	0
HP 22	PUMP,SLUDGE 2	MOYNO	CD01AAA	AM103287	0	0.00	0/ 0	0.0	0
HP 22	MOTOR,SLUDGE 2	WESTINGHOUSE	6808105G39	7005	0	10.00	0/ 0	0.0	0
HP 22	MOTOR, 1,SLPUMP	WESTINGHOUSE	680B105G39	7005	1170	1.00	230/460	0.0	0
HP 22	PUMP,1, SLUDGE	MOYNO (ROB&MYER	CD0/AAA	AM103287	0	0.00	0/ 0	0.0	0
HP 22	MOTOR,2, SLUDGE	WESTINGHOUSE	680B105G39	6904	1170	10.00	230/460	0.0	0
HP 22	PUMP,2, SLUDGE	MOYNO	BY	A1255	0	0.00	0/ 0	0.0	0
HP 22	MOTOR, 1,FLIGHT	WESTINGHOUSE	83A20513	8309M	1760	5.00	230/460	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR
HADOT POINT

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
HP 22	GEARBOX, 1, FLIGHT	LINK BELT	MVV (ASBLY 3J)	SIZE 100	0	0.00	0/ 0	0.0	0
HP 22	MOTOR, 2, FLIGHT	WESTINGHOUSE	83A20514	8309M	1755	7.50	230/460	0.0	0
HP 22	GEARBOX, 2, FLIGHT	LINK BELT	MW (ASBLY 3J)	SIZE 120	0	0.00	0/ 0	0.0	0
HP 22	MOTOR, 3, FLIGHT	BALDOR	VM3542	34294883	1725	0.75	230/460	0.0	0
HP 22	GEARBOX, 3, FLIGHT	DRESSER	5C32762ZD	(FR217PSC5400A)	0	0.00	0/ 0	0.0	0
HP 22	MOTOR, 5, FLIGHT	BALDOR	VM3542	34294883	1725	0.75	230/460	0.0	0
HP 22	GEARBOX, 5, FLIGHT	WINNSMITH	6MCTD	A366071	0	0.00	0/ 0	0.0	0
HP 22	MOTOR, 6, FLIGHT	BALDOR	VM3538	34294372	1725	0.50	230/460	0.0	0
HP 22	GEARBOX, 6, FLIGHT	WINNSMITH	26MDTD	026MDTD71	0	0.00	0/ 0	0.0	0
HP 32	MOTOR, 1, DIGCIR	BALDOR	K34211	23B2M	1725	1.00	220/440	0.0	0
HP 32	PUMP, 1, DIGCIR	CHICAGO		63454	0	0.00	0/ 0	0.0	0
HP 32	MOTOR, 2, DIGCIR	BALDOR	K26359	3686	1725	1.00	2/440	0.0	0
HP 32	PUMP, 2, DIGCIR	CHICAGO		62272A	0	0.00	0/ 0	0.0	0
HP 32	MOTOR, 3, DIGCIR	BALDOR	K26358	24686	1725	1.00	220/440	0.0	0
HP 32	PUMP, 3, DIGCIR	CHICAGO		62272B	0	0.00	0/ 0	0.0	0
HP 32	MOTOR, 5, DIGCIR	PACEMAKER	99147694001P	CE4F/TYPE	174	1.00	23/ 46	0.0	0
HP 32	PUMP, 5, DIGCIR	PEERLESS		332148	0	0.00	0/ 0	0.0	0
HP 32	MOTOR, 6, DIGCIR	BALDOR	35H5887	56CZ516	1725	1.00	230/460	0.0	0
HP 32	PUMP, 6, DIGCIR	CHICAGO		611003188926	0	0.00	0/ 0	0.0	0
HP 46	MOTOR 1	U S	FE2545	339260	1200	3.00	220/440	0.0	0
HP 46	PUMP 1	YEDMAN		24330	1200	0.00	0/ 0	21.0	150
HP 46	MOTOR 2	U S	FR2545	340355	1200	3.00	220/440	0.0	0
HP 46	PUMP 2	YEDMAN		24330	0	0.00	0/ 0	21.0	150
HP 46	PUMP, SUMP	PENBERTHY	5KC42JG569	B80	1725	0.33	115/ 0	0.0	0
HP 46	AUX GEN		GAS 15KW		0	0.00	120/208	0.0	0
HP 47A	MOTOR 1	FAIRBANKS	FR2566UPH	F393550	0	15.00	208/416	0.0	0
HP 47A	PUMP 1	FAIRBANKS	FIG. 54138	16289523	1150	0.00	0/ 0	34.0	500
HP 47A	MOTOR 2	FAIRBANKS	K2HU-1	F393400	865	15.00	208/416	0.0	0
HP 47A	PUMP 3	FAIRBANKS	FIG5414A	K2B9544	865	0.00	0/ 0	40.0	1000
HP 47A	MOTOR 4	FAIRBANKS	FRVL505PU	F393587	1175	75.00	208/416	0.0	0
HP 47A	PUMP 4	FAIRBANKS	5414A	K2B8426	1175	0.00	0/ 0	78.0	2400
HP 47A	SUMP PUMP	PENBERTHY	2M5KC42JG	D9-	0	0.34	115/ 0	0.0	100
HP 47A	AUX GEN		DIE 200 K		0	0.00	120/208	0.0	0
HP 672	MOTOR 1	WESTINGHOUSE	FRK56C	31P249A	1725	1.50	230/460	0.0	0
HP 672	PUMP 1	FEDERAL	NONE	B292832	1725	0.00	0/ 0	0.0	75
HP 672	MOTOR 2	WESTINGHOUSE	FRK56C	311P249A	1725	1.50	230/460	0.0	0
HP 672	PUMP 2	FEDERAL	NONE	B292832	1725	0.00	0/ 0	0.0	75
HP 680	MOTOR 1	G E	5K6255XL529A	MSJ1203295	180	60.00	230/460	0.0	0
HP 680	PUMP 1	BERKLEY	NONE	8153578	1800	60.00	0/ 0	41.1	4000
HP 680	MOTOR 2	G E	5K6255XN505A	KMJ1020410	1170	50.00	230/460	0.0	0
HP 680	PUMP 2	FAIRBANKS	6360	K2N2053417	1170	0.00	0/ 0	41.0	4000
HP 680	MOTOR 3	WESTINGHOUSE	(FR286TA)	7001	1770	30.00	240/480	0.0	0
HP 680	PUMP 3	FAIRBANKS	6360	K2N2053418	1770	0.00	0/ 0	41.0	2000
HP 680	MOTOR 4	U S	(FR364T)	C54610042084122	1175	40.00	230/460	0.0	0
HP 680	PUMP 4	GORMAN RUPP	T8A3B	600388	1175	0.00	0/ 0	0.0	0
HP 686	MOTOR 1	WESTINGHOUSE	M66050	6909347-660	1145	5.00	230/460	0.0	0
HP 686	PUMP 1, SLUDRET	GORMAN RUPP	T4AB	542579W	1145	0.00	0/ 0	0.0	400
HP 686	MOTOR 2	WESTINGHOUSE	055H6TBFC5KB	7308M	1145	5.00	230/460	0.0	0

HP 712

WEIGHT	DESCRIPTION	MAKE	MODEL	BIRTH NUMBER	REV. NO.	VOL. TANK	DR. WT.
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811150	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811151	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811152	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811153	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811154	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811155	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811156	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811157	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811158	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811159	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811160	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811161	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811162	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811163	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811164	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811165	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811166	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811167	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811168	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811169	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811170	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811171	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811172	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811173	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811174	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811175	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811176	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811177	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811178	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811179	1	22.1	0.0
400	BEARDEE 1 1/2 LITER	WESTINGHOUSE	TYPE 277	811180	1	22.1	0.0

SEWAGE EQUIPMENT INVENTORY FOR
HADDOT POINT

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
HP S 2100	PUMP 1	YEOMAN	VL	22972	0	0.00	0/ 0	14.0	50
HP S 2100	MOTOR 2	BALDOR	20BTH	K37266	1140	1.75	208/416	0.0	0
HP S 2100	PUMP 2	YEOMAN		22973	1140	0.00	0/ 0	14.0	50
HP S 2100	AUX GEN		GAS 7.5 KW		0	0.00	120/440	0.0	0
HP S 2633	MOTOR 2	RELIANCE	FR284TC	2MQF03987G176	700	7.50	230/460	0.0	0
HP S 2633	PUMP 2	CHICAGO	VOSLMC6	6122742	700	0.00	0/ 0	20.0	300
HP S 2633	MOTOR 1	RELIANCE	FR256TC	IMQF03987G1NH	690	5.00	230/460	0.0	0
HP S 2633	PUMP 1	CHICAGO	VOSLMC6	6122743	690	0.00	0/ 0	27.5	400
HP S 2633	PUMP, SUMP	PENBERTHY			0	0.00	115/ 0	0.0	0
HP S 2633	AUX GEN		DIESEL, 30 KW		0	0.00	120/208	0.0	0
HP S 34	MOTOR 1	US	FR822	318241	1200	1.50	208/416	0.0	0
HP S 34	PUMP 1			64563	1200	0.00	0/ 0	0.0	150
HP S 34	MOTOR 2	BALDOR	TYPE 22	L19939	1140	1.50	208/416	0.0	0
HP S 34	PUMP 2	CHICAGO	64562		1140	0.00	0/ 0	0.0	150
HP S 34	AUX GEN		GAS 7.5 KW		0	0.00	0/ 0	0.0	0
HP S 34	PUMP, SUMP	PENBERTHY	NONE	NONE	0	0.33	115/ 0	0.0	0
HP S 47	MOTOR 1	BALDOR	VM3710T	F684	1725	7.50	230/460	0.0	0
HP S 47	PUMP 1	VALLEY	411VPM	7845210	1750	7.50	0/ 0	34.0	500
HP S 47	MOTOR 2	MARATHON	LK254TTDR5	942-4886-993	1745	15.00	200/ 0	0.0	300
HP S 47	PUMP 2	CHICAGO	62519	NONE	1745	0.00	0/ 0	0.0	0
HP S 47	MOTOR 3	U S MOTORS	FR 877	263774	1000	5.00	208/416	0.0	300
HP S 47	PUMP 3	CHICAGO	62520	NONE	1000	0.00	0/ 0	0.0	0
HP S 47	PUMP, SUMP	PENBERTHY	ZM	D9	1725	0.33	115/ 0	0.0	0
HP S 6A	W/OIL SEP				1150	0.50	208/ 0	18.0	50
HP S 6A	W/OIL SEP				1150	0.50	208/ 0	18.0	50
HP S 6B	W/OIL SEP				1150	0.50	208/ 0	15.0	50
HP S 6B	W/OIL SEP				1150	0.50	208/ 0	15.0	50
HP S 918	W/OIL SEP				1750	0.50	208/ 0	0.0	50
HP S47 & A	AUX GEN		DIE 200KW		0	0.00	120/208	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
FC-130							/		
FC-133							/		
FC-199	PUMP, NO. 1,	FAIRBANKS-MORSE	5K213GT212P	K3M1-055419			/		500
FC-199	MOTOR, NO. 1, 3 PH	GE	V-322318		1740	17.5	508/		
FC-199	PUMP, NO. 2,	FAIRBANKS-MORSE	5K213GT212P	322266			/		500
FC-199	MOTOR, NO. 2	GE	5K213GT212P		1750	17.5	208/		
FC-259	PUMP, NO. 1, 4X4	FAIRBANKS-MORSE		K3M1055417-1			/	15	250
FC-259	MOTOR, NO. 1	GE	5K184GR311	T-776.236	1155	2	208/		
FC-259	PUMP, NO. 2	FAIRBANKS-MORSE		K3M1055417			/	15	250
FC-259	MOTOR, NO. 2	GE	5K184GR311	T-776.237	1155	2	208/		
FC-39	PUMP, SIZE 4X4			K3M1-055115-1	1160	0	208/	35	250
FC-39	MOTOR, 3 PHASE			T776-256	1160	5	208/		
FC-39	PUMP, NO. 2, 4X4			J3M1-055115-1			/	35	250
FC-39	MOTOR, NO. 2	GENERAL ELECT.		K3M1-055415	1100	5	208/		
NH-110	PUMP NO. 1						/		
NH-110	MOTOR, NO. 1						/		
NH-110	PUMP, NO. 2						/		
NH-110	MOTOR, NO. 2						/		
S-1723							/		
S-1859							/		
S-6-A							/		
S-6-B							/		
S-6-C							/		
SAS-3503							/		
SAS-523							/		
SBB-240							/		
SM-92							/		
SPG-28							/		

NH-BOQ
HS-BALLFIELD

HP 575

(2) FAIRBANKS-MORSE (LAW)

DATE	DESCRIPTION	AMOUNT	BALANCE
1917
1918
1919
1920
1921
1922
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1948
1949
1950

(1) ... (1917)

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

PLANT NO. & LOCATION Camp Geiger TC 563

Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Camp Geiger Wastewater Treatment Facilities provides automated advanced (tertiary) treatment utilizing chemical treatment, (Alum and Polmer) and mixed media filtration in the tertiary unit, in addition to biological filtration in the secondary filters. The design capacity is 1.6 M.G.D. The average daily flow for FY 86 is 1,090,483 gal/day. Alum and Polymer are added for coagulation and dewatering, lime for pH adjustment. The plant carries a chlorine residual of 2.0 mg/L or better for pathogenic bacteria destruction.

The plant consists of the following tanks and equipment:

1. 2 Comminutors
2. 1 Bar Screen
3. 2 Grit Channels
4. 2 Primary Clarifiers
5. 2 Trickling Filters
6. 2 Secondary Clarifiers
7. 2 Flocculators
8. 2 Tertiary Settling Tanks
9. 2 Tertiary Filters
10. 1 Decant Basin
11. 1 Holding Pond with mechanical aeration (3 floating aerators)
12. 2 Digestors
13. 8 Drying Beds
14. 2 Alum Storage Tanks

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Camp Geiger TC 563

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

563 - Office and Chlorine Room
565 - Lift Station
566 - Sludge Pump House
S-567 - Digester
568 - Storage Bldg.
S-632 - Digester
S-633 - Chlorine Contact Chamber
S-634 - Primary Clarifier
S-365 - Primary Clarifier
S-636 - Filter
S-637 - Filter
S-638 - Secondary Clarifier
S-639 - Secondary Clarifier
S-640 - Sludge Drying Beds
S-641 - Lift Station
S-643 - Grit Chamber & Comminutor
S-645 - Control Room & Pump Room
S-646 - Lift Station
S-647 - Generator House

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Camp Geiger TC 563

Lift Stations included in the plants treatment system:

LIFT STATIONS BLDG. NO.

- 1. AS1001
- 2. AS2001
- 3. AS206
- 4. AS230
- 5. AS2808
- 6. SAS3526
- 7. AS4125
- 8. AS426
- 9. AS517
- 10. AS606
- 11. SAS629
- 12. AS850
- 13. AS902
- 14. AS4041
- 15. AS4161
- 16. AS852
- 17. AS713
- 18. AS4147
- 19. AS-160 Maint. Shop
- 20. AS-159 Dog pound
- 21. AS-4208 Douglas Rd
- 22. AS ~~3905~~ 4103 ACROSS FROM AS 4147 BY NEW HAMCAR

M241

SE23

M451

TT33

TT32

TT34

RR52 - C Range

BB4

SBA116 L.S.

SBA160 Plant

SA38 Am Tank

23 Verona Loop STFM101

~~24 AS 715~~

25 - Verona Loop PX STFM 102

26 - AS 3003

27 - Corn Sludg 843

~~28 AS-713~~

AS-515 o/w + L.S

AS-148. o/w + L.S

AS. CG No. 6

AS-100 Medical/Printed Bldg

AS4158 o/w/sep + L.S.

~~AS 3007~~

AS _____ Section 11306

- OIL & WATER SEPARATORS
- 1. SAS3503
 - 2. AS4102
 - 3. ~~AS515~~
 - 4. AS528
 - 5. SAS523
 - 6. AS109
 - 7. AS4059
 - 8. AS148
 - 9. AS4105
 - 10. AS 7 ACROSS FROM AS 523

10-10-1948

11-10-1948

12-10-1948

13-10-1948

14-10-1948

15-10-1948

16-10-1948

17-10-1948

18-10-1948

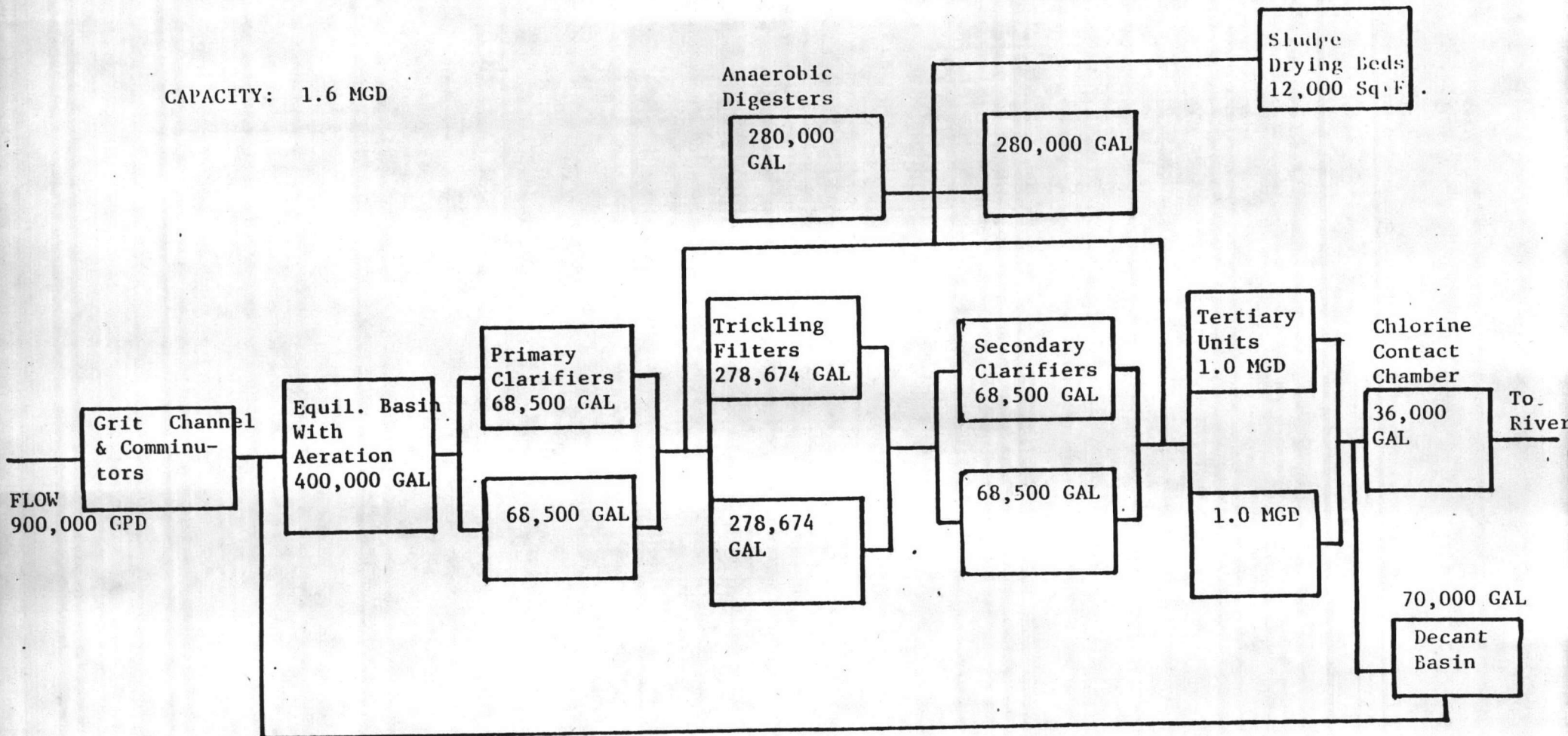
19-10-1948

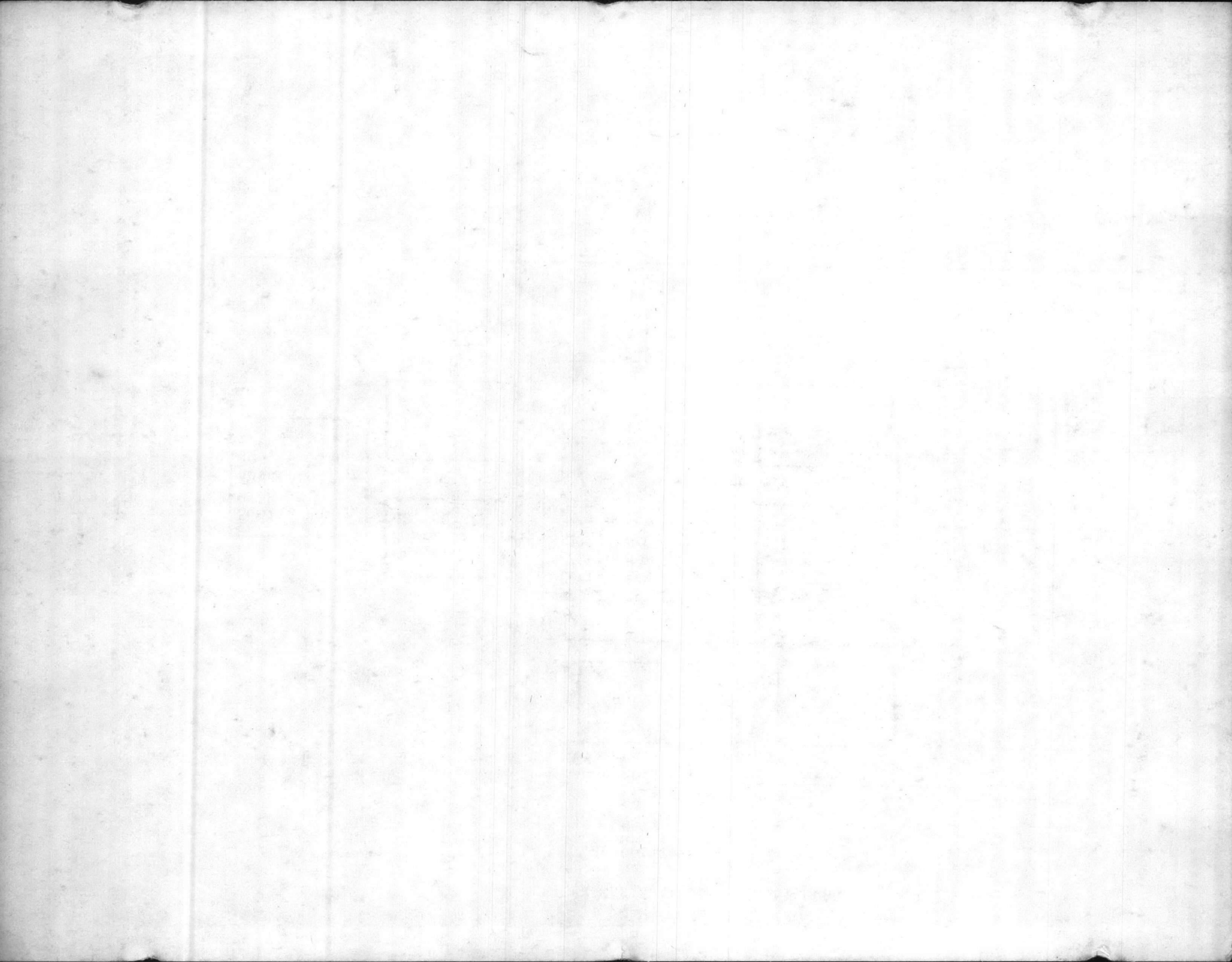
20-10-1948

CAMP GEIGER WASTEWATER TREATMENT PLANT

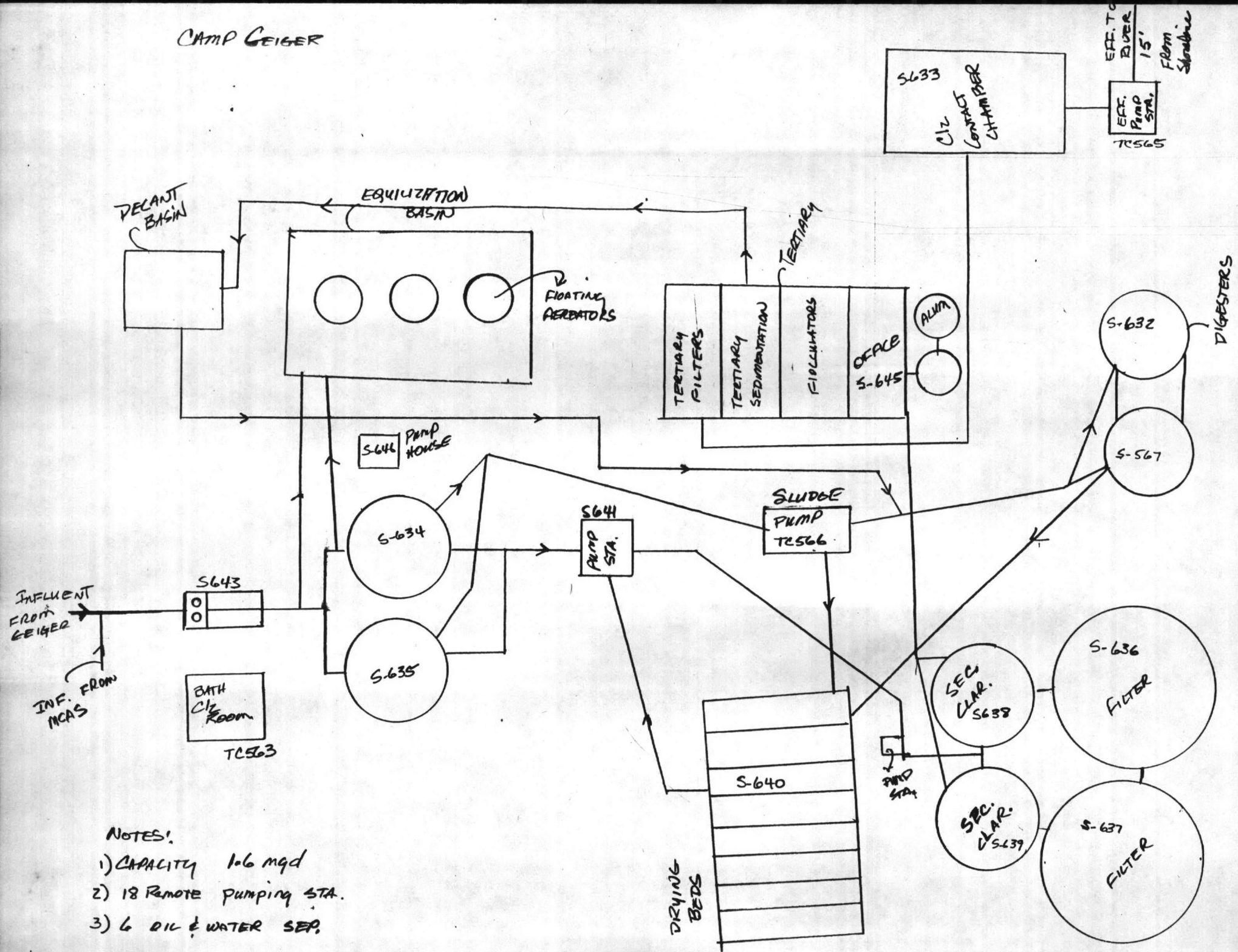
BUILDING TC-563

CAPACITY: 1.6 MGD



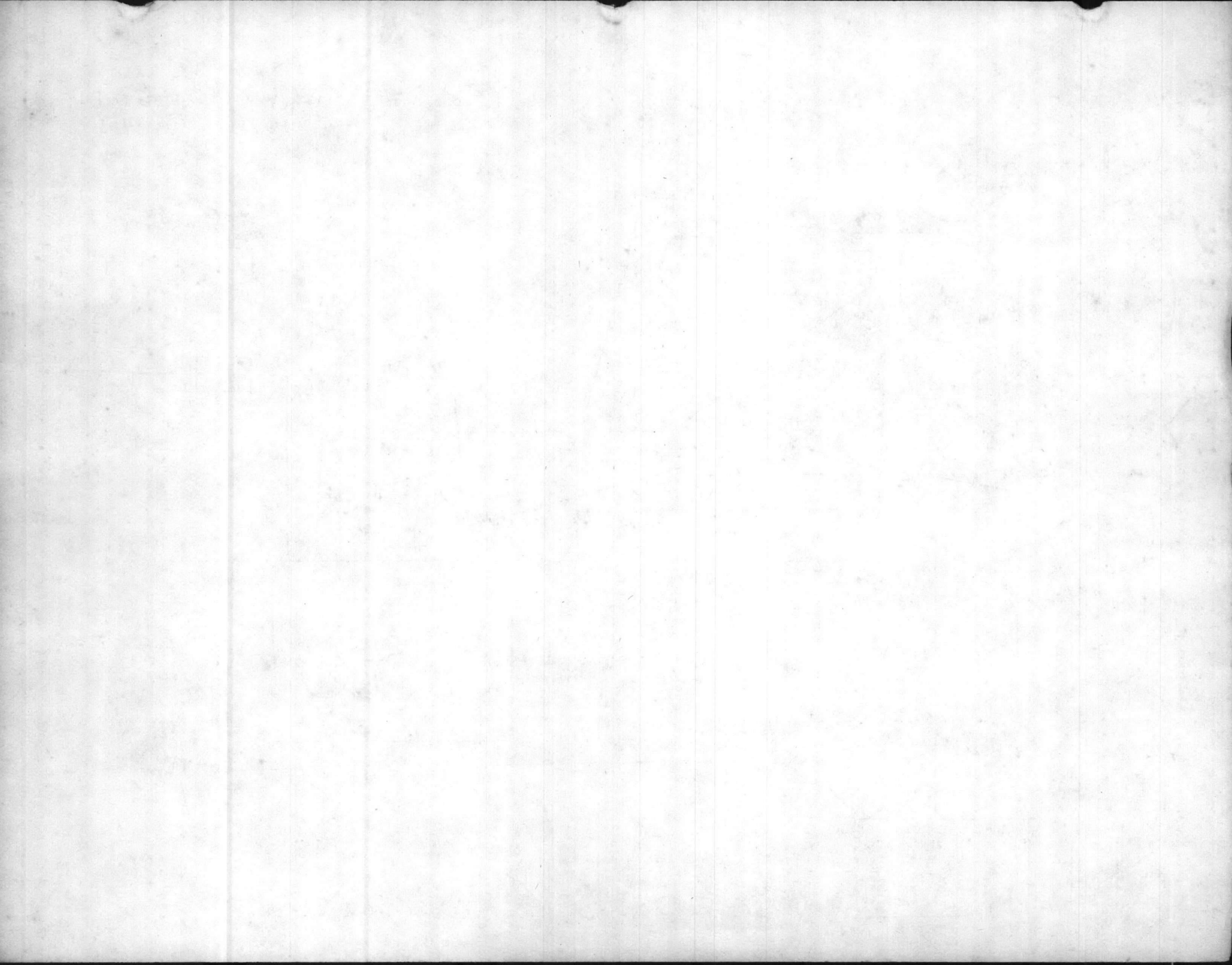


CAMP GEIGER



NOTES:

- 1) CAPACITY 1.6 mgd
- 2) 18 Remote Pumping STA.
- 3) 6 OIL & WATER SEP.



SEWAGE EQUIPMENT INVENTORY FOR
CAMP GIEGER

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
TC 565	MOTOR 1	MARATHON	0002664		1160	5.00	0/ 0	0.0	0
TC 565	PUMP 1	AURORA	72-7247-2		1160	0.00	0/ 0	0.0	700
TC 565	MOTOR 2	MARATHON	1040315		1160	5.00	0/ 0	0.0	0
TC 565	PUMP 2	AURORA	7272471		1160	5.00	0/ 0	0.0	700
TC 565	PUMP, RAW SL 1	MOYND	CLQ		0	0.00	0/ 0	0.0	0
TC 565	MOTOR 1 RS	WESTINGHOUSE			0	0.00	0/ 0	0.0	0
TC 565	PUMP 2 RAW SLUD	MOYND	CLQ		0	0.00	0/ 0	0.0	0
TC 565	MOTOR 2 RS	WESTINGHOUSE			0	0.00	0/ 0	0.0	0
TC 565	MOTOR, GRIT CH 1				0	0.00	0/ 0	0.0	0
TC 565	PUMP, GRIT CH 1				0	0.00	0/ 0	0.0	0
TC 565	COMMINUTOR 1				0	0.00	0/ 0	0.0	0
TC 565	COMMINUTOR 2				0	0.00	0/ 0	0.0	0
TC 565	AERATOR 1				0	0.00	0/ 0	0.0	0
TC 565	AERATOR 2				0	0.00	0/ 0	0.0	0
TC 565	AERATOR 3				0	0.00	0/ 0	0.0	0
TC 566	MOTOR 1	WESTINGHOUSE			1165	7.50	0/ 0	0.0	0
TC 566	PUMP 1	ROBINS & MYERS	A1254		0	0.00	0/ 0	0.0	0
TC 566	MOTOR 2	WESTINGHOUSE			1165	7.50	0/ 0	0.0	0
TC 566	PUMP 2	ROBBINS & MYERS	A12540		0	0.00	0/ 0	0.0	0
TC 641	MOTOR 1	WESTINGHOUSE		7001	1175	20.00	0/ 0	0.0	0
TC 641	PUMP 1	FAIRBANKS			1170	0.00	0/ 0	0.0	1800
TC 641	MOTOR 2	WESTINGHOUSE		6912	1175	20.00	0/ 0	0.0	0
TC 641	PUMP 2	FAIRBANKS	K2N2053416		1170	0.00	0/ 0	0.0	1800
TC 645	MOTOR 1	BALDOR	276		1725	9.00	0/ 0	0.0	0
TC 645	PUMP 1	GORMAN RUPP	095777		1725	0.00	0/ 0	0.0	0
TC 645	MOTOR 2	BALDOR			1725	9.00	0/ 0	0.0	0
TC 645	PUMP 2	GORMAN RUPP	095777		0	0.00	0/ 0	0.0	0
TC 645	MOTOR, BW	G E	7AMJ107360		1170	25.00	0/ 0	0.0	0
TC 645	PUMP, BWASH	AURORA	V70525		1150	0.00	0/ 0	0.0	3000
TC 645	MOTOR BW 2	G E	ANJ107361		1170	25.00	0/ 0	0.0	0
TC 645	PUMP, BW 2	AURORA	V7570525		1150	0.00	0/ 0	0.0	3000
TC 645	MOTOR, SW 1	U S	6416153490		3490	15.00	0/ 0	0.0	0
TC 645	PUMP SW 1	AURORA	51922		2500	0.00	0/ 0	0.0	116
TC 645	MOTOR, SW 2	U S	641653490		3490	15.00	0/ 0	0.0	0
TC 645	PUMP, SW 2	AURORA	51922		2500	15.00	0/ 0	0.0	116
TC 646	MOTOR 1	TOSHIBA		70263877	1755	15.00	0/ 0	0.0	0
TC 646	PUMP 1	CROWN		250262	1755	0.00	0/ 0	0.0	770
TC 646	MOTOR 2	TOSHIBA		7026878	1755	15.00	0/ 0	0.0	0
TC 646	PUMP 2	CROWN		251210	1755	0.00	0/ 0	0.0	770
TC T FILT	PUMP, FILCIR 1	CROWN			0	0.00	0/ 0	0.0	0
TC T FILT	MOTOR, FILCIR 1	FARRADAY	M50515	KL	0	0.00	0/ 0	0.0	0
TC T FILT	PUMP, FILCIR 2	CROWN			0	0.00	0/ 0	0.0	0
TC T FILT	MOTOR, FILCIR 2	FARRADAY	M50515	KL	0	0.00	0/ 0	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR
NEW RIVER AIR STATION

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
AS 1001	MOTOR 1	G E	5KV184DL301		1155	2.00	230/460	0.0	0
AS 1001	PUMP 1	FAIRBANKS			1150	0.00	0/ 0	20.0	200
AS 1001							/		
AS 1001	PUMP 2	FAIRBANKS			1150	0.00	0/ 0	20.0	200
AS 1001	AUX GEN		DIESEL 15 KW		0	0.00	0/ 0	0.0	0
AS 1001	PUMP, SUMP				0	0.00	115/ 0	0.0	0
AS 2001	MOTOR 1	FAIRBANKS	002681	F344961	1160	5.00	220/440	0.0	0
AS 2001	PUMP 1	FAIRBANKS		K84946	1160	0.00	0/ 0	35.0	125
AS 2001	MOTOR 2	FAIRBANKS	(FRPT284PVV		1160	5.00	220/440	0.0	0
AS 2001	PUMP 2	FAIRBANKS		K84947	1160	0.00	0/ 0	35.0	125
AS 2001	PUMP, SUMP				0	0.00	0/ 0	0.0	0
AS 2001	AUX GEN		DIESEL 15 KW		0	0.00	0/ 0	0.0	0
AS 206	MOTOR 1	MARATHON	PUF215TTDR8651A		1745	10.00	208/ 0	0.0	0
AS 206	PUMP 2	CLOW			1745	0.00	0/ 0	40.0	500
AS 206	MOTOR 2	MARATHON	PUF215TTBR8651A		1745	10.00	208/ 0	0.0	0
AS 206	AUX GEN		DIESEL 30K		0	0.00	0/ 0	0.0	0
AS 206	PUMP 1	CLOW			1745	0.00	0/ 0	40.0	500
AS 230	MOTOR 1	MARATHON	PVF215TTDR8651A		1745	10.00	206/ 0	0.0	0
AS 230	PUMP 1	CLOW	4310	261595	0	0.00	0/ 0	40.0	500
AS 230	MOTOR 2	MARATHON	PVF215TTDR8651A		1745	10.00	208/ 0	0.0	0
AS 230	PUMP 2	CLOW	4310		1745	0.00	0/ 0	40.0	500
AS 230	AUX GEN		DIESEL 30 KW		0	0.00	0/ 0	0.0	0
AS 2808	MOTOR 1	G E			0	3.00	220/ 0	0.0	0
AS 2808	PUMP 1, PNEUMAT	MONOJECTOR			0	0.00	0/ 0	0.0	0
AS 3505	W/OIL SEP				1150	2.00	208/ 0	17.5	75
AS 3505	W/OIL SEP				1150	2.00	208/ 0	17.5	75
AS 3526	MOTOR 1	BALDOR			1725	7.00	208/ 0	0.0	0
AS 3526	PUMP 1	GORMAN RUPP	T4A24B	611965	0	0.00	0/ 0	0.0	0
AS 3526	MOTOR 2	BALDOR			1725	7.00	208/ 0	0.0	0
AS 3526	PUMP 2	GORMAN RUPP	T4A24B	611959	0	0.00	0/ 0	0.0	0
AS 4100	W/OIL SEP				1150	1.00	208/ 0	12.0	50
AS 4125	MOTOR 1	U S		41432448F1.15	1800	15.00	240/480	0.0	0
AS 4125	PUMP 1	FAIRBANKS		KZN10447041	1800	0.00	0/ 0	65.0	500
AS 4125	MOTOR 2	U S		41432448F1.15	1800	15.00	240/480	0.0	0
AS 4125	PUMP 2	FAIRBANKS		K2N10447042	1800	0.00	0/ 0	65.0	500
AS 4125	PUMP, SUMP				0	0.00	0/ 0	0.0	0
AS 4125	AUX GEN		DIESEL 45		0	0.00	0/ 0	0.0	0
AS 4147	MOTOR 1	G E			1780	1.50	230/ 0	0.0	0
AS 4147	PUMP 1	GOULD			0	0.00	0/ 0	0.0	95
AS 4147	MOTOR 2	G E			1750	1.50	230/ 0	0.0	0
AS 4147	PUMP 2	GOULD			1750	0.00	0/ 0	0.0	95
AS 426	MOTOR 1	MARATHON	PVF145TTDR7681A		1150	1.00	208/ 0	0.0	0
AS 426	PUMP 1				0	0.00	0/ 0	0.0	75
AS 426	MOTOR 2	MARATHON	PVF145TTDR7681A		1150	1.00	208/ 0	0.0	0
AS 426	PUMP 2				1150	0.00	0/ 0	0.0	75
AS 515	W/OIL SEP				1150	0.50	240/ 0	14.0	50
AS 515	W/OIL SEP				1150	0.50	240/ 0	14.0	50
AS 517	MOTOR 1	MARATHON	PVF184TTDR7066B		1740	5.00	208/ 0	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR
NEW RIVER AIR STATION

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
AS 517	PUMP 1	CLOW			1740	0.00	0/ 0	0.0	150
AS 517	MOTOR 2	MARATHON	PUF184TTDR7066B		1740	5.00	208/ 0	0.0	0
AS 517	PUMP 2	CLOW			1740	0.00	0/ 0	0.0	150
AS 606	MOTOR 1	MARATHON	PF254TTDR5355AN		1745	15.00	208/ 0	0.0	0
AS 606	PUMP 1	CLOW	4312	261596	0	0.00	0/ 0	99.0	200
AS 606	MOTOR 2	MARATHON	PF254TTDR535355		1745	15.00	208/ 0	0.0	0
AS 606	PUMP 2	CLOW	4312	261596	1745	0.00	0/ 0	99.0	200
AS 606	PUMP, SUMP				0	0.00	115/ 0	0.0	0
AS 606	AUX GEN		DIESEL 30 KW		0	0.00	0/ 0	0.0	0
AS 629	MOTOR 1	U S		R2095906R078266	1155	10.00	230/ 0	0.0	0
AS 629	PUMP 1	AURORA		7511721	1155	0.00	0/ 0	40.0	700
AS 629	MOTOR 2	U S		R2095907R078266	1155	10.00	0/ 0	0.0	0
AS 629	PUMP 2	AURORA		7511722	1155	0.00	0/ 0	40.0	700
AS 629	MOTOR 3	U S		R2095905R078266	1155	10.00	230/ 0	0.0	0
AS 629	PUMP 3	AURORA		7511723	1155	0.00	0/ 0	40.0	700
AS 629	PUMP, SUMP				0	0.33	115/ 0	0.0	0
AS 629	AUX GEN		DIESEL 150 KW		0	0.00	0/ 0	0.0	0
AS 850	MOTOR 1	RELIANCE	(FR254T)	P25G17CG15L2	1765	15.00	200/ 0	0.0	0
AS 850	PUMP 1	GORMAN RUPP	T4A3B	595138N	1765	0.00	0/ 0	0.0	275
AS 850	MOTOR 2	RELIANCE	(FR254T)	P25G17CG17L2	1765	15.00	0/ 0	0.0	0
AS 850	PUMP 2	GORMAN RUPP	T4A3B	595137N	0	0.00	0/ 0	0.0	275
AS 850	AUX GEN		DIESEL 30 KW		0	0.00	0/ 0	0.0	0
AS 902	PUMP 1	CLOW	4310S	9145668	1155	0.00	0/ 0	38.0	125
AS 902	MOTOR 2	US ELECTRICAL	AV-9		1155	7.50	230/460	0.0	0
AS 902	PUMP 2	CLOW	4310	914566B	1155	0.00	0/ 0	38.0	125
AS 902	SUMP PUMP	PENBERTHY			0	0.00	115/ 0	0.0	50
AS-109							/		
AS-4041	PUMP, NO. 1						/		
AS-4041	MOTOR, NO. 1						/		
AS-4041	PUMP, NO.2						/		
AS-4041	MOTOR, NO. 2						/		
AS-4102	PUMP, NO.1	CRANE		SP780555			/		
	SIZE 6 FT.B								
AS-4102	MOTOR, NO. 2	GOULD			1725	3/4	230/		
AS-4102							/		
AS-4147							/		
AS-4161							/		
AS-515							/		
AS-528	PUMP, NO. 1	CRANE	FIG. 450711	SP737440			/		
	SIZE 6 FT.B								
AS-528	MOTOR, NO.1	GOULD	C56K41E104		1725	3/4	208/		
AS-713	<i>Road</i>		<i>4-SE301</i>	<i>73066-287-p1</i>	<i>1750</i>	<i>4.5</i>	<i>230/</i>	<i>20</i>	<i>400</i>
AS-852							/		
AS-902	MOTOR 1	US ELECTRICAL			1155	7.50	230/460	0.0	0
AS-3905	<i>Pump 1</i>	<i>Peabody - Barnes</i>			<i>15.0</i>	<i>230</i>	<i>230/</i>	<i>70.0</i>	<i>500</i>
AS-3905	<i>Pump 2</i>	<i>Peabody - Barnes</i>			<i>15.0</i>	<i>230</i>	<i>230/</i>	<i>70.0</i>	<i>500</i>
VL No. 1	<i>Pump 1+2</i>	<i>Peabody Barnes</i>						<i>90</i>	
VL P X	<i>Motor 1</i>	<i>Peabody Barnes</i>						<i>105</i>	

SEWERAGE EQUIPMENT INVENTORY FOR
NEW RIVER AIR STATION

DATE: 02/11/81

NO.	DESCRIPTION	MAKE	MODEL	SERIAL #	HP	RPM	VOLTAGE	INCH	WPM
AS-017	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-018	MOTOR 2	PHANTOM				1740	0.00	0.0	0.0
AS-019	PUMP 2	LOW				1740	0.00	0.0	0.0
AS-020	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-021	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-022	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-023	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-024	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-025	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-026	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-027	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-028	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-029	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-030	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-031	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-032	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-033	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-034	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-035	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-036	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-037	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-038	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-039	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-040	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-041	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-042	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-043	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-044	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-045	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-046	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-047	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-048	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-049	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-050	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-051	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-052	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-053	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-054	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-055	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-056	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-057	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-058	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-059	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-060	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-061	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-062	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-063	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-064	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-065	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-066	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-067	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-068	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-069	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-070	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-071	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-072	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-073	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-074	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-075	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-076	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-077	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-078	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-079	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-080	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-081	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-082	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-083	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-084	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-085	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-086	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-087	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-088	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-089	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-090	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-091	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-092	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-093	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-094	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-095	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-096	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-097	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-098	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0
AS-099	PUMP 1	LOW				1740	0.00	0.0	0.0
AS-100	MOTOR 1	MERRILL	174018000			1740	0.00	0.0	0.0

AS-001 to AS-100
 AS-001 to AS-050
 AS-051 to AS-100

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

PLANT NO. & LOCATION Tarawa Terrace TT-35

Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Tarawa Terrace Treatment Facility provides Secondary Treatment utilizing biological filtration. The design capacity is 1,250,000 gal/day. The average daily flow for FY 86 is 960,234 gal/day. Lime is added for pH control in the digestors, and Chlorine is added for the destruction of pathogenic bacteria and maintains a chlorine residual of 2.0 or better. The plant consists of the following:

1. 2 Grit Channels
2. Bar Screen
3. 2 Comminutors
4. 2 Primary Tanks
5. 1 Trickling Filter
6. 2 Secondary Tanks
7. 2 Chlorine Contact Chambers
8. 10 Sludge Drying Beds
9. 2 Sludge Digestors with Floating Covers
10. 1 Influent Pump Station
11. 1 Sludge Drying Bed Underdrain pump station



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Tarawa Terrace TT-35

Draw schematic flow diagrams of systems- include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.

BLDG. NO.

TT-35 = Pump Room-Office-Boiler and Sludge Pump Room

TT-36 = Lift station for filter return & secondary sludge return

STT-37 = Sludge Drying Beds (10)

TT-56 = Chlorine room and Bath room

Lift Stations included in the plants treatment system:

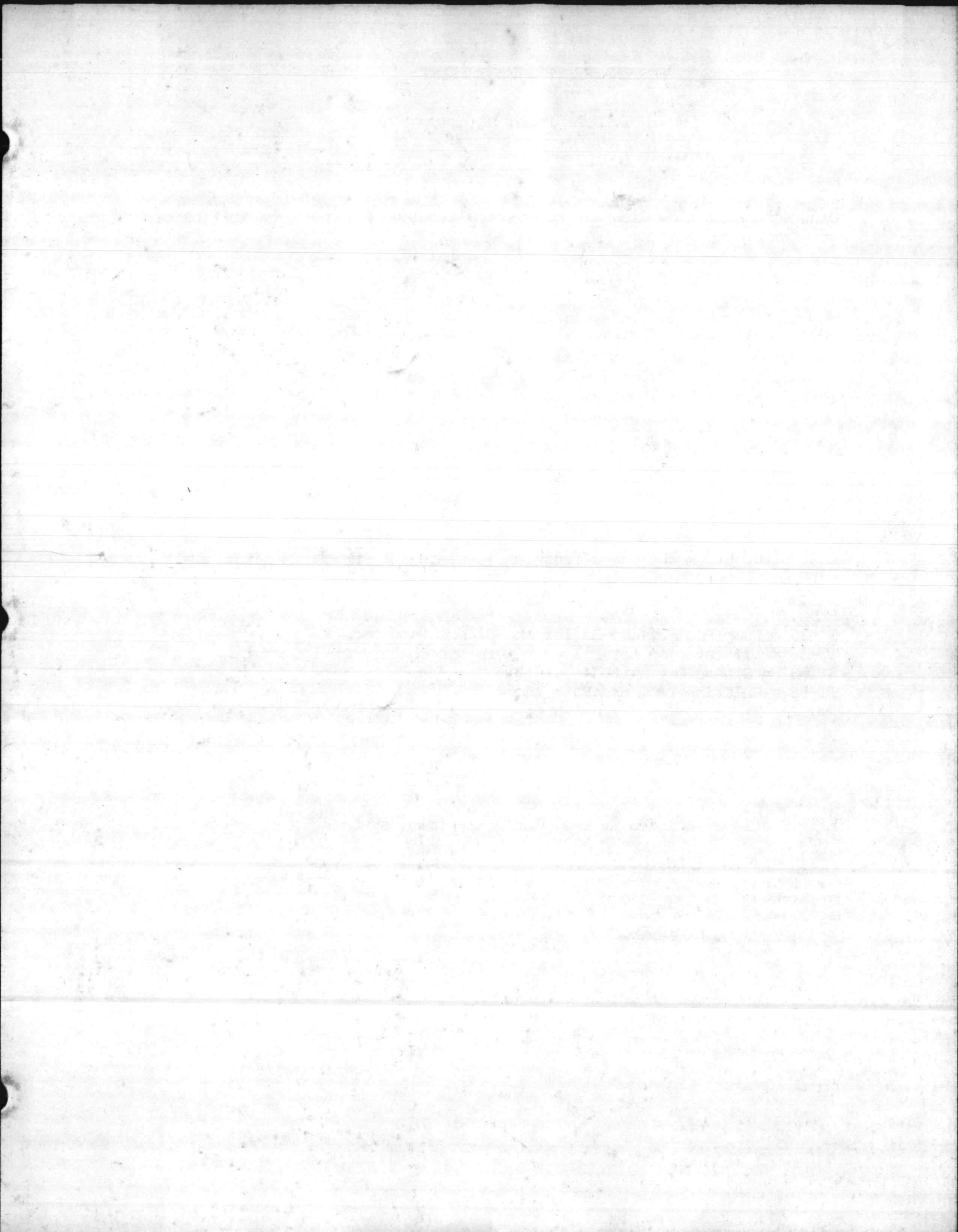
LIFT STATIONS BLDG. NO.

1. STT-32

2. STT-33

3. STT-34

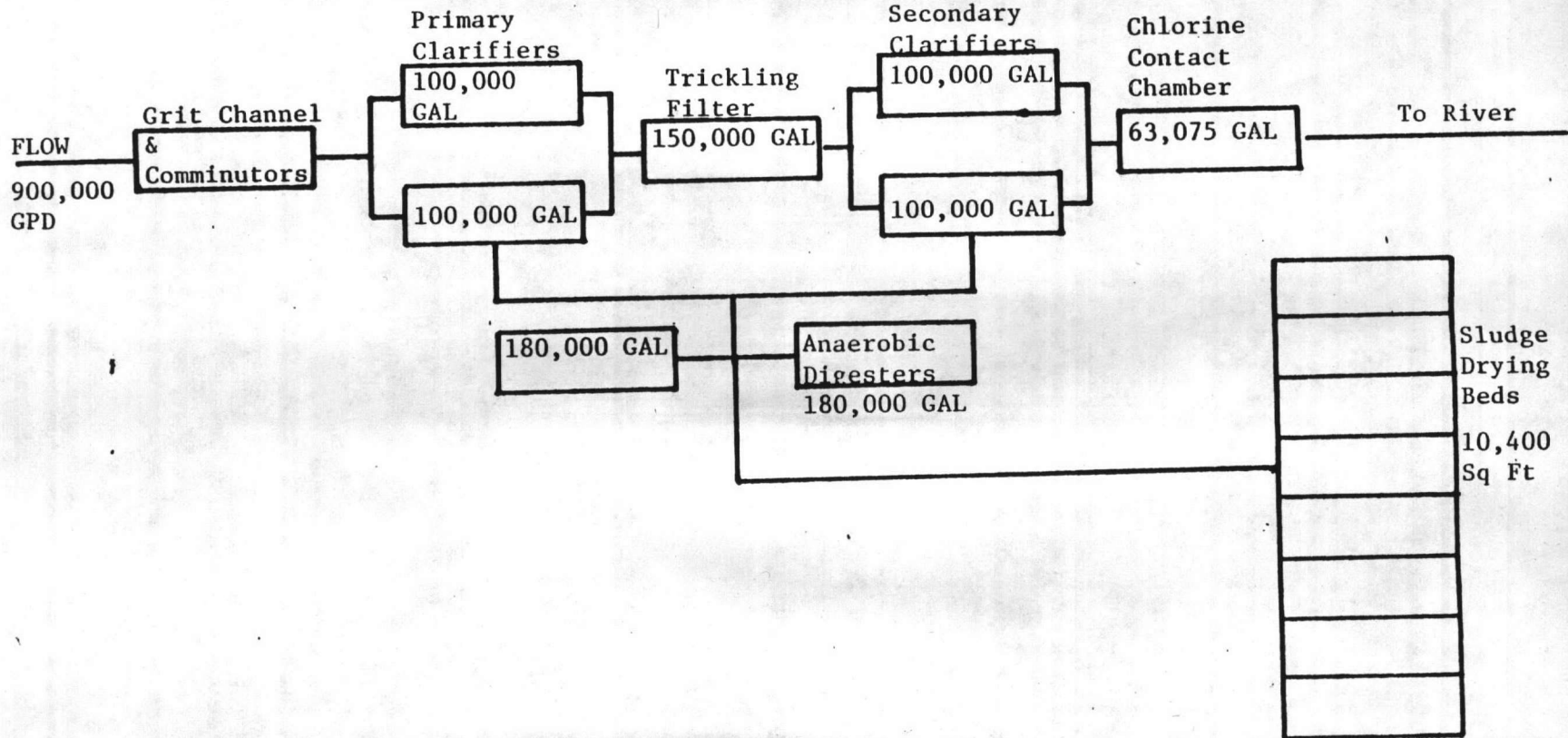
4. DRY BED Underdrain

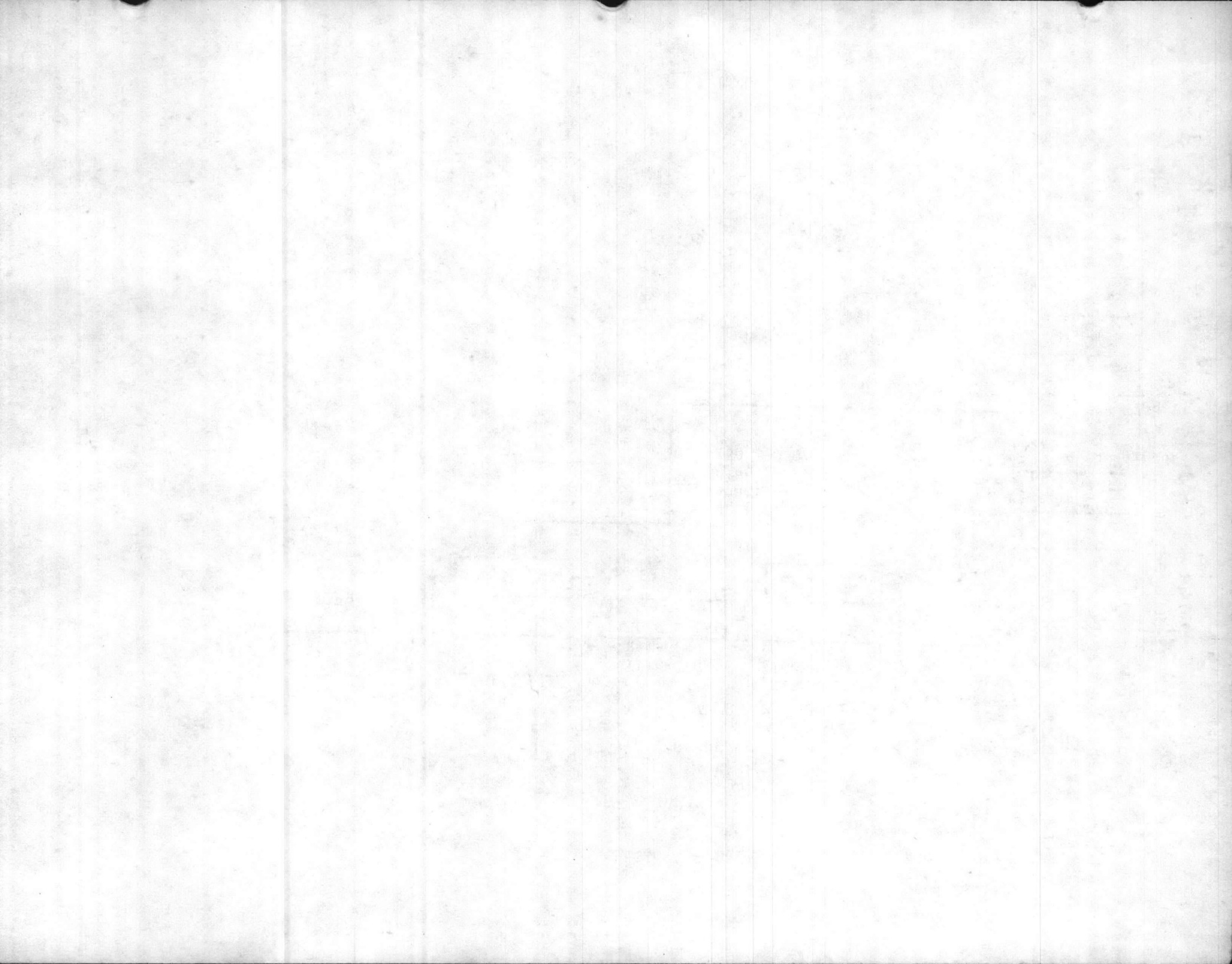


TARAWA TERRACE WASTEWATER TREATMENT PLANT

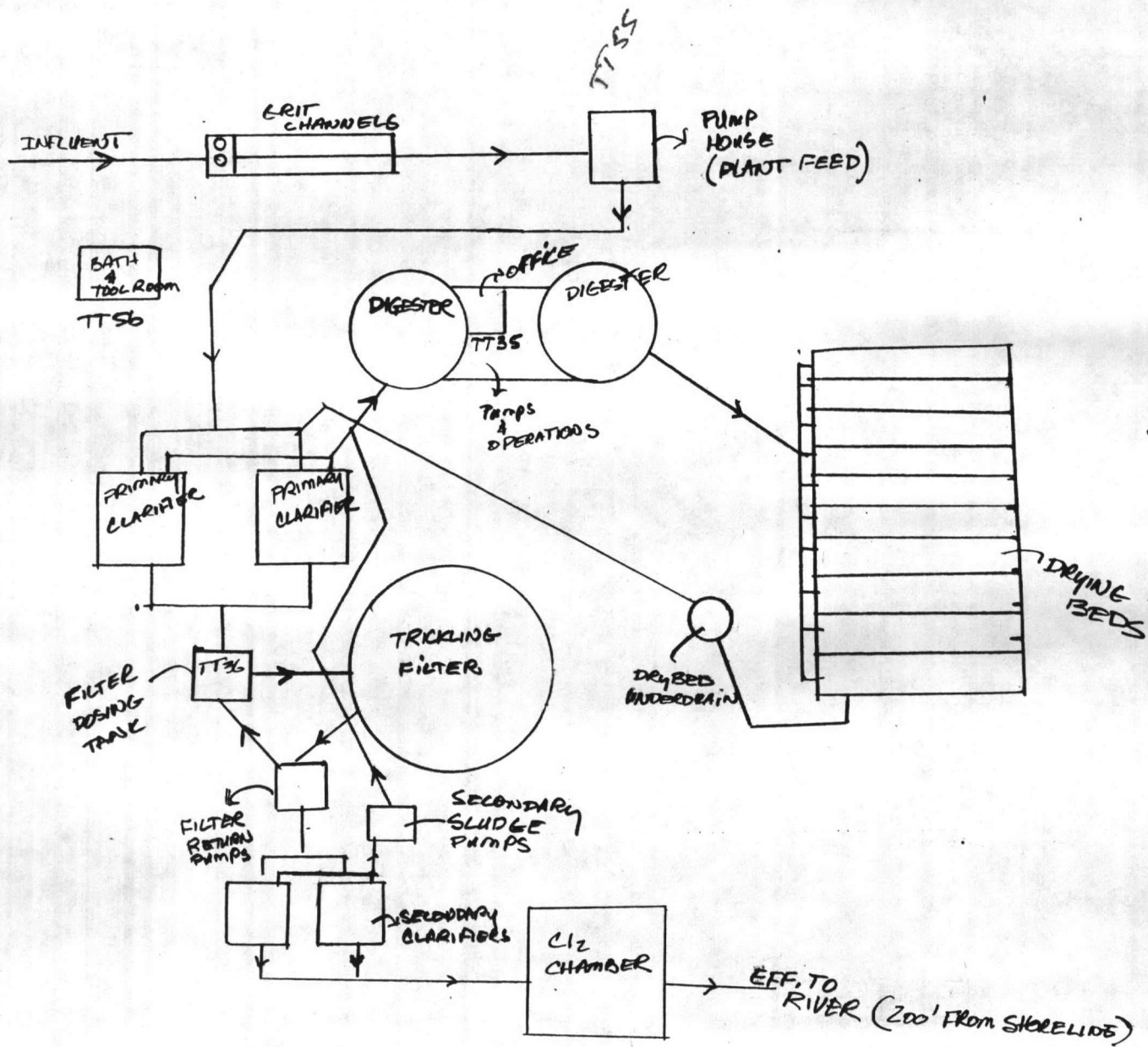
BUILDING TT-35

CAPACITY: 1.25 MGD



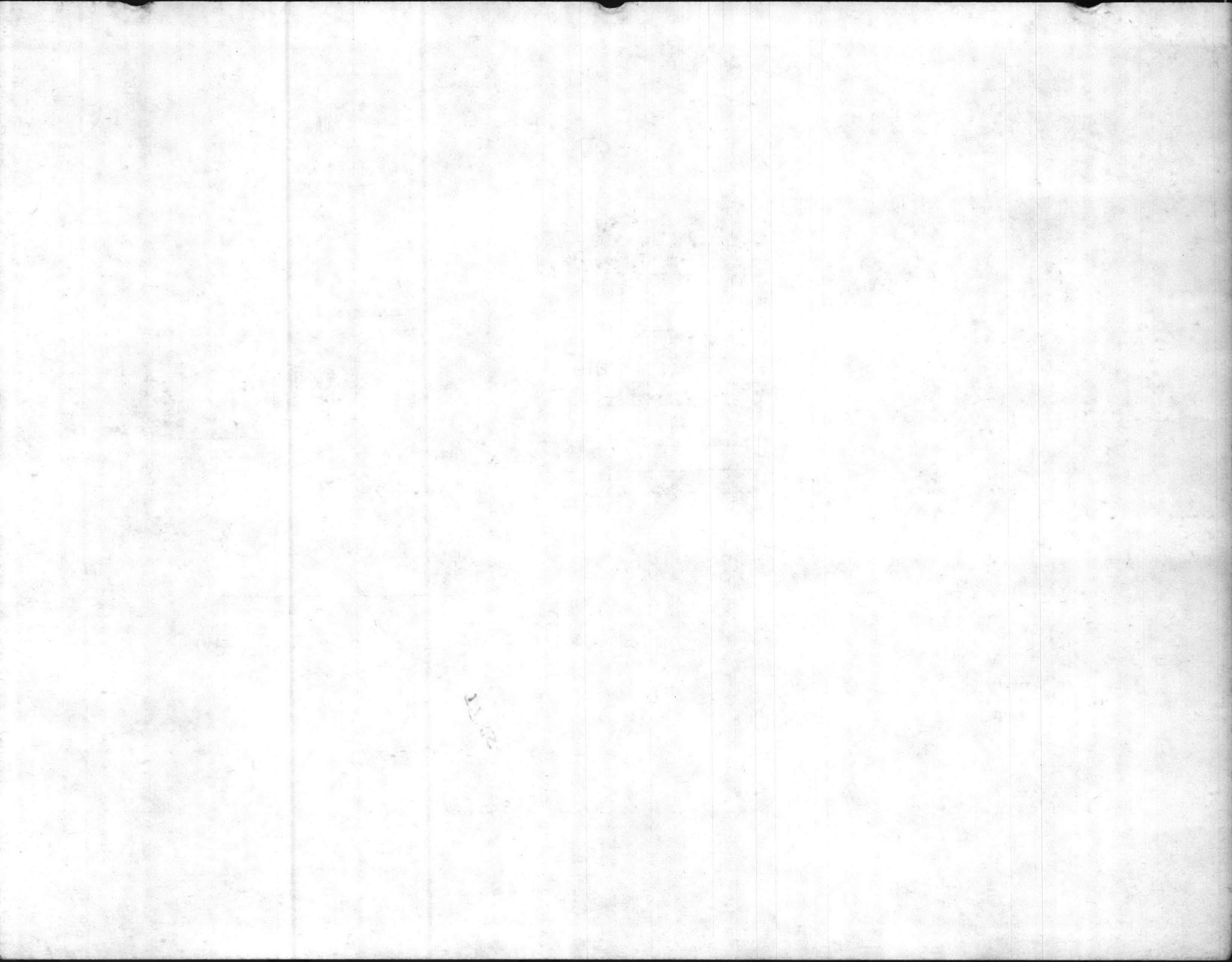


TARAKA TERRACE



NOTES:

- 1) CAPACITY 1.25 mgd
- 2) 3 APPROX. LIFT STATIONS



SEWAGE EQUIPMENT INVENTORY FOR
TARAWA TERRACE

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
TT 32	MOTOR 1	NONE	NONE	NONE	1165	0.00	230/460	0.0	600 GPM
TT 32	PUMP 1	GORMAN RUPP	NONE	432435	1165	0.00	0/ 0	0.0	600 GPM
TT 32	MOTOR 2	NONE	NONE	NONE	1165	0.00	230/460	0.0	0
TT 32	PUMP 2	GORMAN RUPP			1165	0.00	0/ 0	0.0	0
TT 32	AUX GEN		DIESEL 45 KW		0	0.00	120/240	0.0	0
TT 33	MOTOR 1	FAIRBANKS			1150	0.00	0/ 0	0.0	100
TT 33	PUMP 1	FAIRBANKS		K2X1074530	0	0.00	0/ 0	0.0	100
TT 33	MOTOR 2	FAIRBANKS			1150	0.00	0/ 0	0.0	0
TT 33	PUMP 2	FAIRBANKS			1150	0.00	0/ 0	0.0	100
TT 34	MOTOR 1	FAIRBANKS	Q7KU	131846	0	0.00	220/440	0.0	0
TT 34	PUMP 1	FAIRBANKS			0	0.00	0/ 0	0.0	0
TT 34	MOTOR 2				0	0.00	0/ 0	0.0	0
TT 34	PUMP 2				0	0.00	0/ 0	0.0	0
TT 34	AUX GEN	UNKNOWN	GAS 30 KW	UNKNOWN	0	0.00	120/240	0.0	0
TT 35	MOTOR 1	RELIANCE	NONE	NONE	1750	20.00	230/460	0.0	0
TT 35	PUMP 1	CROWN	6C05GDX11J001	NONE	0	0.00	0/ 0	0.0	0
TT 35	MOTOR 2	RELIANCE	NONE	NONE	1750	20.00	230/460	0.0	0
TT 35	PUMP 2	CROWN	6C056DX11J001		0	0.00	0/ 0	0.0	0
TT 35	MOTOR 3	RELIANCE			1750	20.00	230/460	0.0	0
TT 35	PUMP 3	CROWN	6C05GEX11J001		0	0.00	0/ 0	0.0	0
TT 35	COMMINUTOR 1	RELIANCE			1140	0.00	240/ 0	0.0	0
TT 35	COMMINUTOR 2	RELIANCE			1140	0.00	240/ 0	0.0	0
TT 35	AUX GEN		DIESEL 150 KW		0	0.00	0/ 0	0.0	0
TT 35	PUMP, SEC SL	RELIANCE		ITUB23993A2	855	2.00	208/416	0.0	0
TT 35	PUMP, SEC SL	RELIANCE			855	2.00	208/416	0.0	0
TT 35	MOTOR, FCIR 1				0	0.00	0/ 0	0.0	0
TT 35	PUMP, FIL CIR 1				0	0.00	0/ 0	0.0	0
TT 35	MOTOR, FCIR 2						/		
TT 35	PUMP, FCIR 2				0	0.00	0/ 0	0.0	0
TT 35	MOTOR 1, DIG 1				0	0.00	0/ 0	0.0	0
TT 35	PUMP 1, DIG 1				0	0.00	0/ 0	0.0	0
TT 35	MOTOR 2, DIG 1				0	0.00	0/ 0	0.0	0
TT 35	PUMP 2, DIG 1				0	0.00	0/ 0	0.0	0
TT 35	MOTOR 1, DIG 2				0	0.00	0/ 0	0.0	0
TT 35	PUMP 1, DIG 2				0	0.00	0/ 0	0.0	0
TT 35	MOTOR, GRT CH				0	0.00	0/ 0	0.0	0
TT 35	PUMP, GRT CH				0	0.00	0/ 0	0.0	0
TT 35	MOTOR, VENT FAN				0	0.00	0/ 0	0.0	0
TT 35	MOTOR, SL COL P				0	0.00	0/ 0	0.0	0
TT 35	MOTOR, SL COL S				0	0.00	0/ 0	0.0	0
TT 35	PUMP, DRY BED				0	0.00	0/ 0	0.0	0
TT 35	MOTOR/PUMP BC 1				0	0.00	0/ 0	0.0	0
TT 35	MOTOR/PUMP BC 2				0	0.00	0/ 0	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR
TOWN OF ...

DATE: 11/1/82

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	HP	VOLTS	PHASE	TOH	QTY
11 32	MOTOR 1	MONTE	MONTE	1103 2400	1.00	230VAC	3	0.0	0
11 32	PUMP 1	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 2	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 2	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 3	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 3	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 4	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 4	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 5	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 5	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 6	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 6	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 7	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 7	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 8	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 8	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 9	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 9	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 10	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 10	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 11	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 11	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 12	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 12	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 13	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 13	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 14	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 14	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 15	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 15	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 16	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 16	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 17	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 17	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 18	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 18	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 19	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 19	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0
11 32	MOTOR 20	MONTE	MONTE	1103 0.00	0.00	230VAC	3	0.0	0
11 32	PUMP 20	DOMIN	DOMIN	1103 0.00	0.00	230VAC	3	0.0	0

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

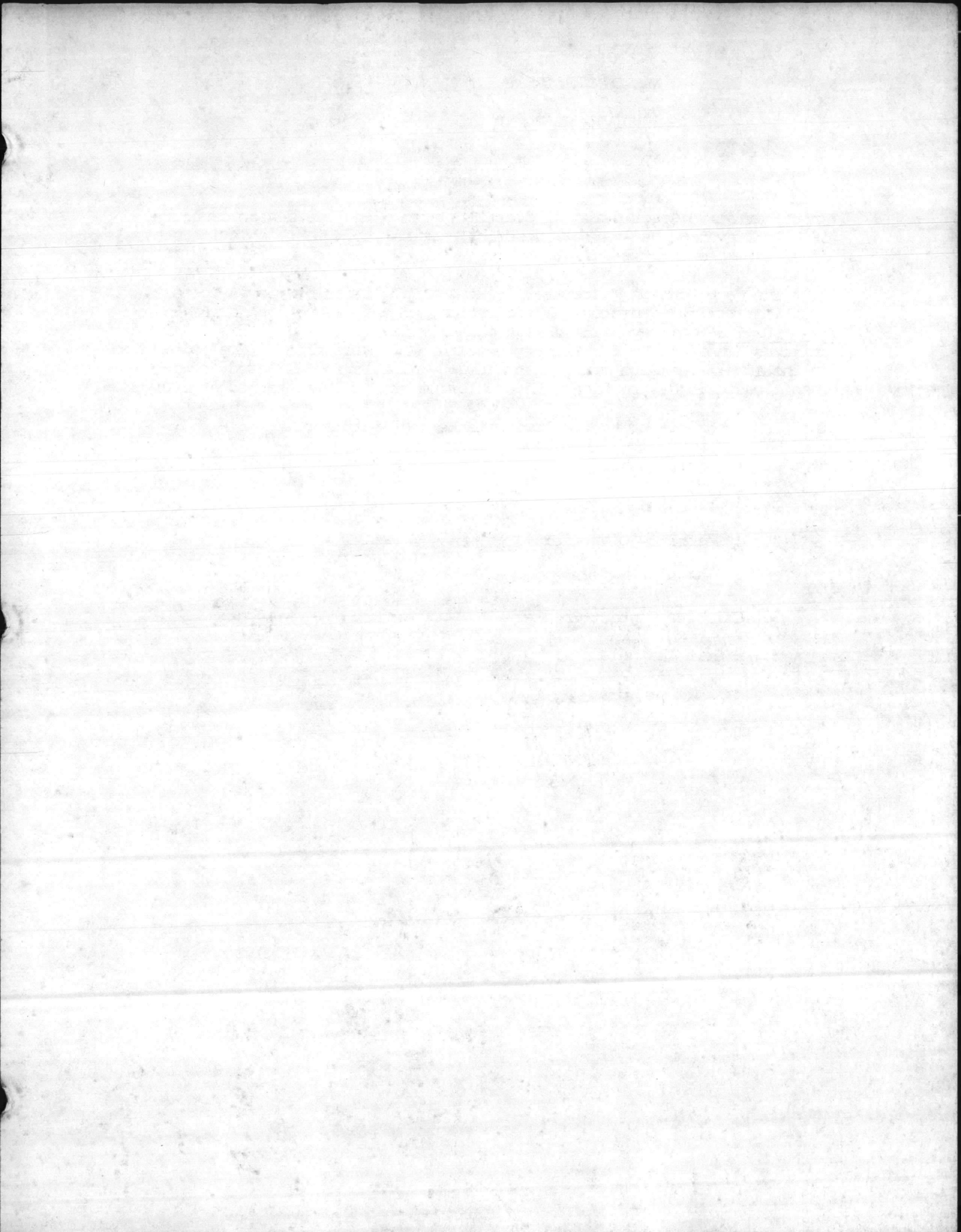
PLANT NO. & LOCATION Camp Johnson M136

Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Camp Johnson Wastewater Treatment Facilities provides secondary treatment utilizing biological filtration. The flow average for FY 86 is 402,729 gal/day. The design capacity is 1.0 M.G.D.. This plant utilizes Imhoff Tanks for Primary Settling and Digestion. Lime is added to the Imhoff Tanks to maintain proper pH and Chlorine is added for pathogenic bacteria destruction with a chlorine residual maintained at 2.0mg/L or better.

The plant consists of the following tanks and equipment:

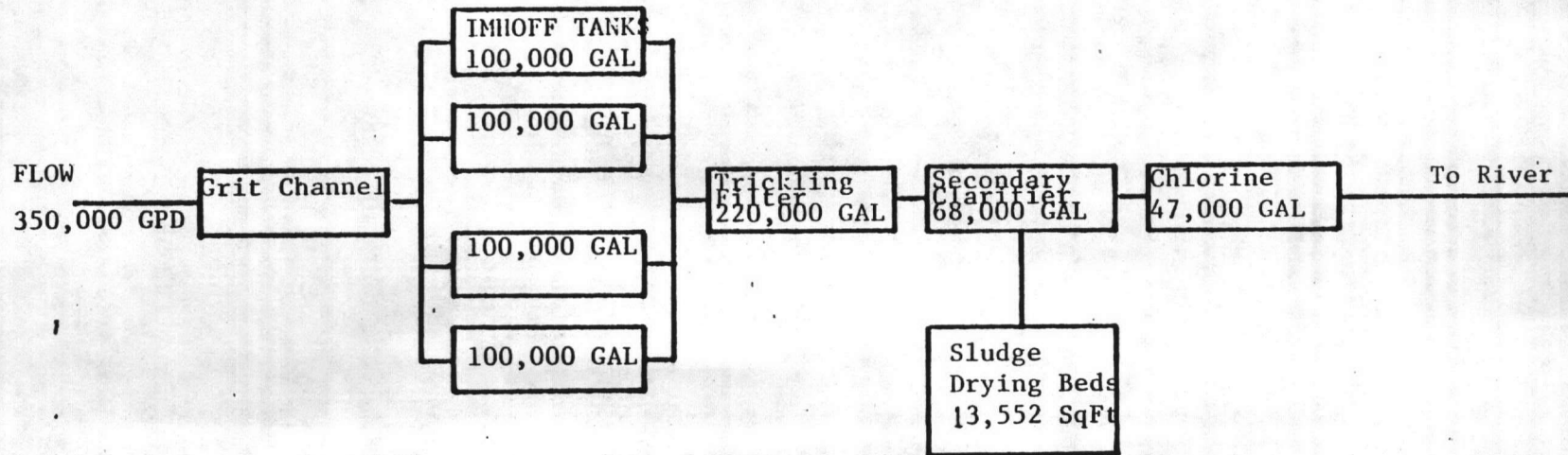
1. 4 Imhoff Tanks
2. 1 Trickling Filter
3. 1 Secondary Clarifier
4. 8 Sludge Drying Beds
5. Chlorine Contact Chamber
6. 2 Grit Channels

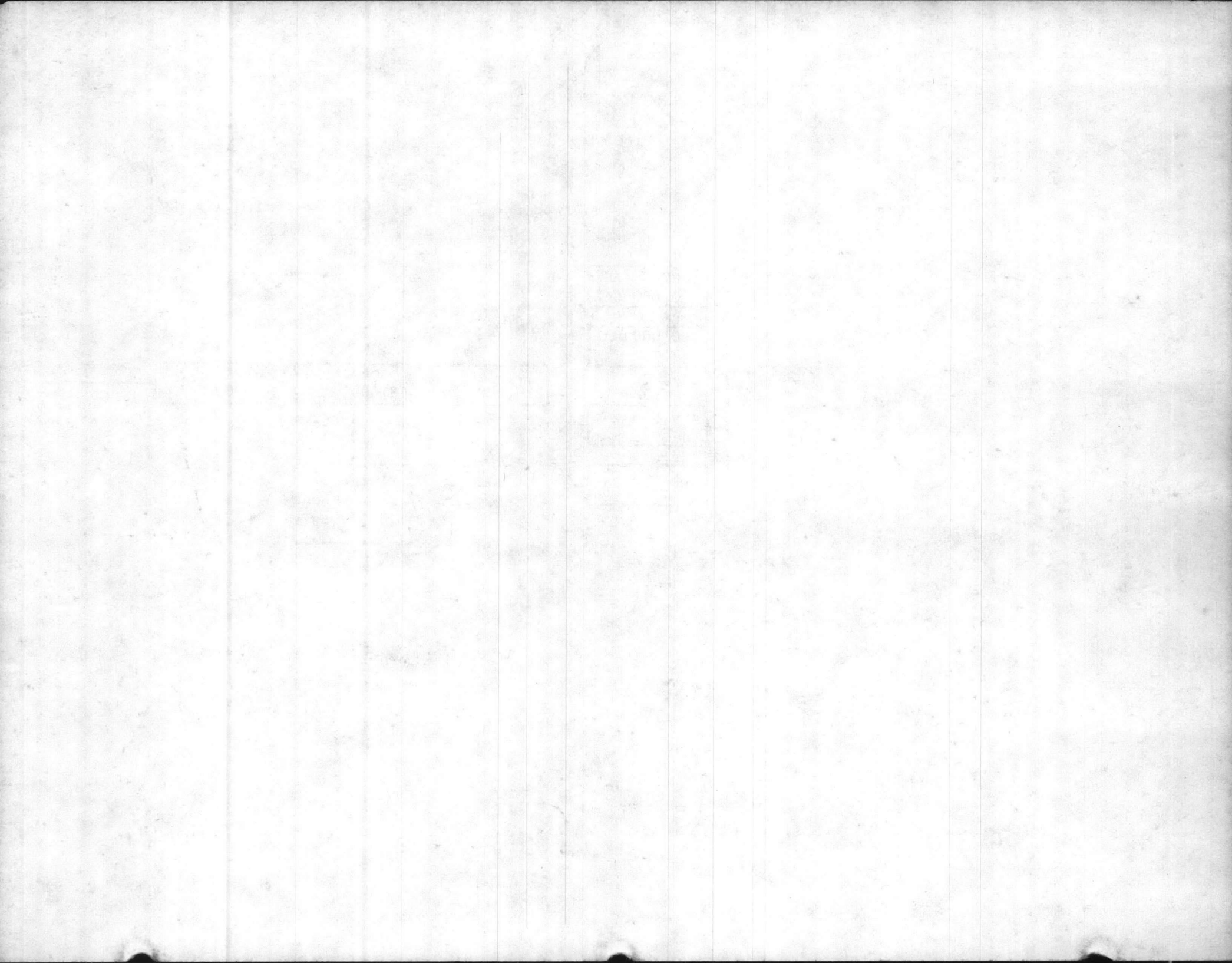


CAMP JOHNSON WASTEWATER TREATMENT PLANT

BUILDING M-136

CAPACITY: 1.0 MGD





WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Camp Johnson M136

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and functions (include all structures which are a part of the treatment plant.

BLDG. NO.

M-136 = Office and Tool Room
SM-137 = Chlorine Room
M-138 = Pre Chlorine Room
SM-155 = Imhoff tank
SM-156 = Imhoff tank
SM-157 = Sludge Drying Beds
SM-331 = Filter
SM-332 = Secondary Clarifier
SM-333 = Chlorine Contact Chamber
SM-334 = Pumping Station
S-136 = Pump station for Drying Bed Underdrain

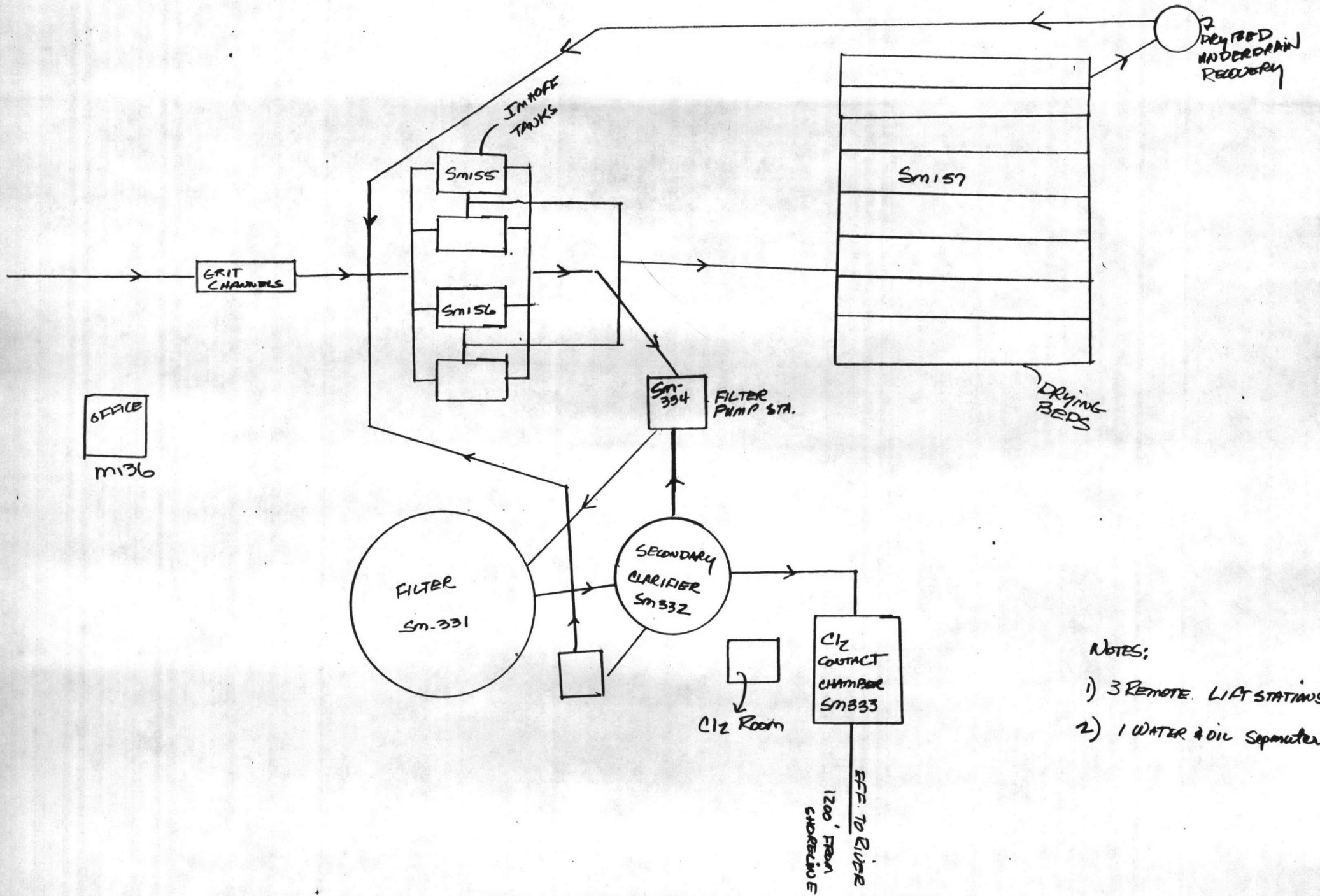
Lift Stations included in the plants treatment system:

1. M241 *S. M454*
2. S-E-23
3. M451
4. *M107*

OIL & WATER SEPARATORS

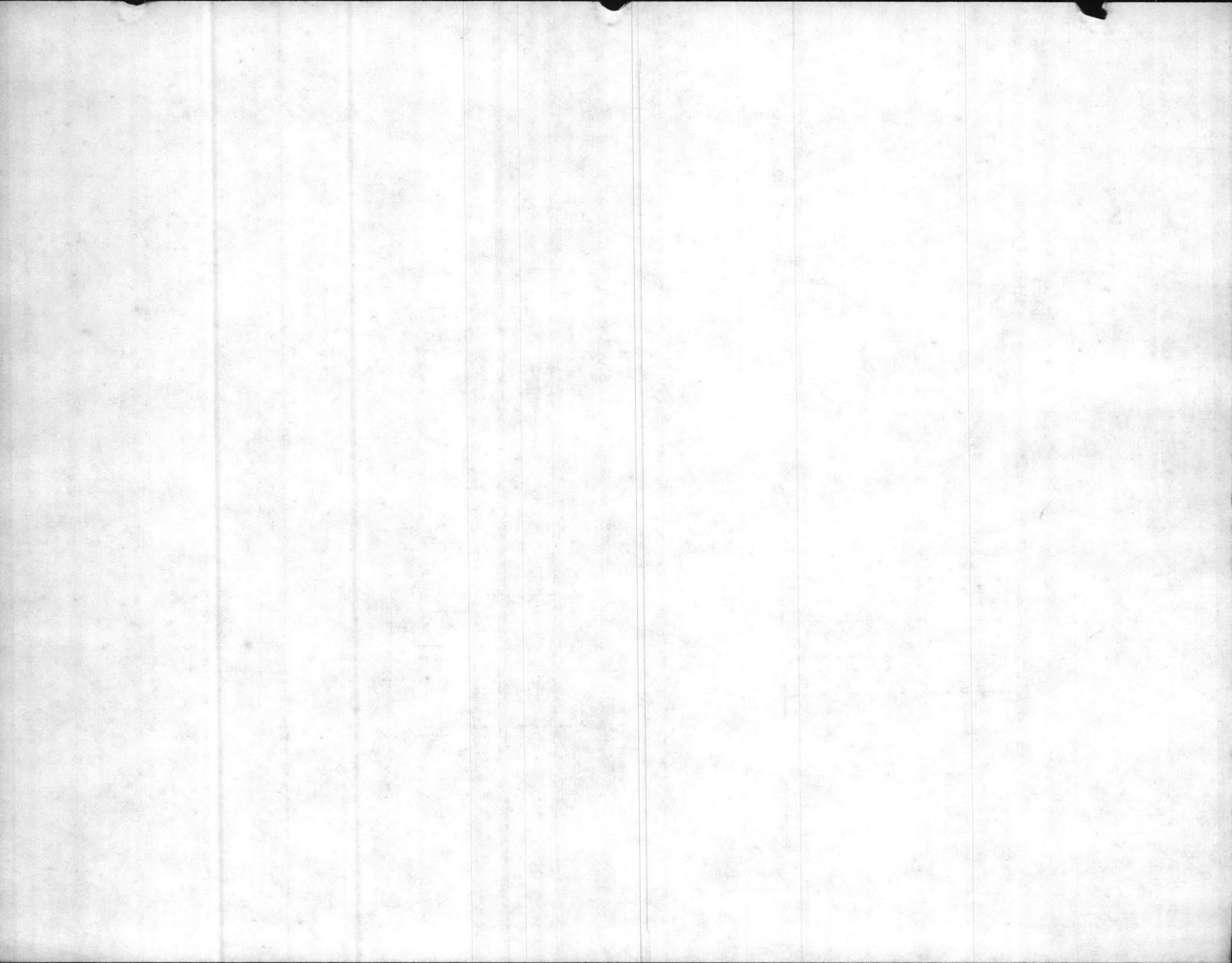
1. SM92

CAMP JOHNSON



NOTES:

- 1) 3 REMOTE LIFT STATIONS
- 2) 1 WATER & OIL SEPARATOR



SEWAGE EQUIPMENT INVENTORY FOR
MONTFORD POINT

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
M-451	PUMP, NO.1, SIZE 4/6	FAIRBANKS-MORSE	B5413				/		500
M-451	MOTOR, NO. 1	GE	5K284D9306		1175	15	200/		
M-451	PUMP, NO. 2, 4X6	F-M	B5413				/		500
M-451	MOTOR, NO. 2	GE	5L284D9306		1175	15	200/		
M-451	PUMP, SUMP, SUBMERSIBLE	ZOELLER	139				/		
MP 136	PUMP 1	GORMAN RUPP	T3A3B	767649	0	0.00	0/ 0	0.0	0
MP 136	MOTOR 2			7309	1160	10.00	230/460	0.0	0
MP 136	PUMP 2	GORMAN RUPP	T6A3B	5379A9N	1160	0.00	0/ 0	0.0	0
MP 136	MOTOR 3			7309	1160	10.00	230/460	0.0	0
MP 136	PUMP 3	GORMAN RUPP	T6A3B	537990N	0	0.00	0/ 0	0.0	0
MP 136	MOTOR, SLUD RET	MARATHON	NVH143TTDR7393A		1155	0.50	240/460	0.0	0
MP 136	MOTOR, SLUD RET2		UK (PUMP)		1155	0.00	230/460	0.0	0
MP 136	MOTOR, CLA	FARRADAY	M661	B6117FC1A	1725	0.75	240/460	0.0	0
MP 136	PUMP & MTR DBED	HYDR-O-RAIL	4722000/S150M34	7524358	0	1.50	230/ 0	0.0	0
MP 136	MOTOR, GRT CHAN	G E	145T	KSF	0	0.00	230/ 0	0.0	0
MP 136	PUMP, GRIT CHAN	CROWN	3LDF1415	C10715	0	0.00	0/ 0	0.0	0
MP 136	AUX GEN		DIESEL, 45 KW		0	0.00	120/240	0.0	0
MP E 23	MOTOR 1	BALDOR	215TC		1140	0.00	230/460	0.0	0
MP E 23	PUMP 1	YEDMAN		24239	1140	0.00	0/ 0	25.0	300
MP E 23	MOTOR 2	FAIRBANKS	QS2Y	447986	975	0.00	220/440	0.0	0
MP E 23	PUMP 2		4310	258298	975	0.00	0/ 0	25.0	300
MP E 23	AUX GEN		GAS 30 KW		0	0.00	0/ 0	0.0	0
MP E 23	PUMP, SUMP				0	0.00	115/ 0	0.0	0
MP S 136	MOTOR 1			7308H	1150	3.00	230/460	0.0	0
MP S 241	MOTOR 1		CS (FR254)	65941	1150	3.00	220/440	0.0	0
MP S 241	PUMP 1	YEDMAN		24074	1150	0.00	0/ 0	0.0	150
MP S 241	MOTOR 2		CS (FR254)		1150	3.00	220/440	0.0	0
MP S 241	PUMP 2	YEDMAN			1150	0.00	0/ 0	0.0	50
MP S 241	AUX GEN		GAS 15KW AC		0	0.00	120/208	0.0	0

M 107 Pump Submersible (2)

BEWARE EQUIPMENT INVENTORY FOR
DOWNTOWN BRIDGE

DATE: 01/13/87

STATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	REV. IN.	VOLTAJE	WTS.
401	1/2" W.I. BITE V&V	FAIRBANK	MOORE	82111			300
402	MOTOR NO. 1	GE	5242300	1173 12		200	
403	MOTOR NO. 2	GE	52413	1173 12		200	
404	PUMP SHMP. RUBBER	COLLIER	138				
405	TRUCK						
406	MOTOR	FAIRBANK	MOORE	11058			0
407	MOTOR	GE	52413	1100 10 00		230VAC	0
408	PUMP	FAIRBANK	MOORE	1100 10 00		230VAC	0
409	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
410	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
411	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
412	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
413	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
414	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
415	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
416	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
417	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
418	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
419	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
420	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
421	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
422	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
423	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
424	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
425	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
426	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
427	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
428	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
429	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
430	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
431	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
432	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
433	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
434	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
435	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
436	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
437	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
438	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
439	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
440	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
441	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
442	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
443	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
444	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
445	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
446	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
447	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
448	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
449	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0
450	MOTOR	FAIRBANK	MOORE	1100 10 00		230VAC	0

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

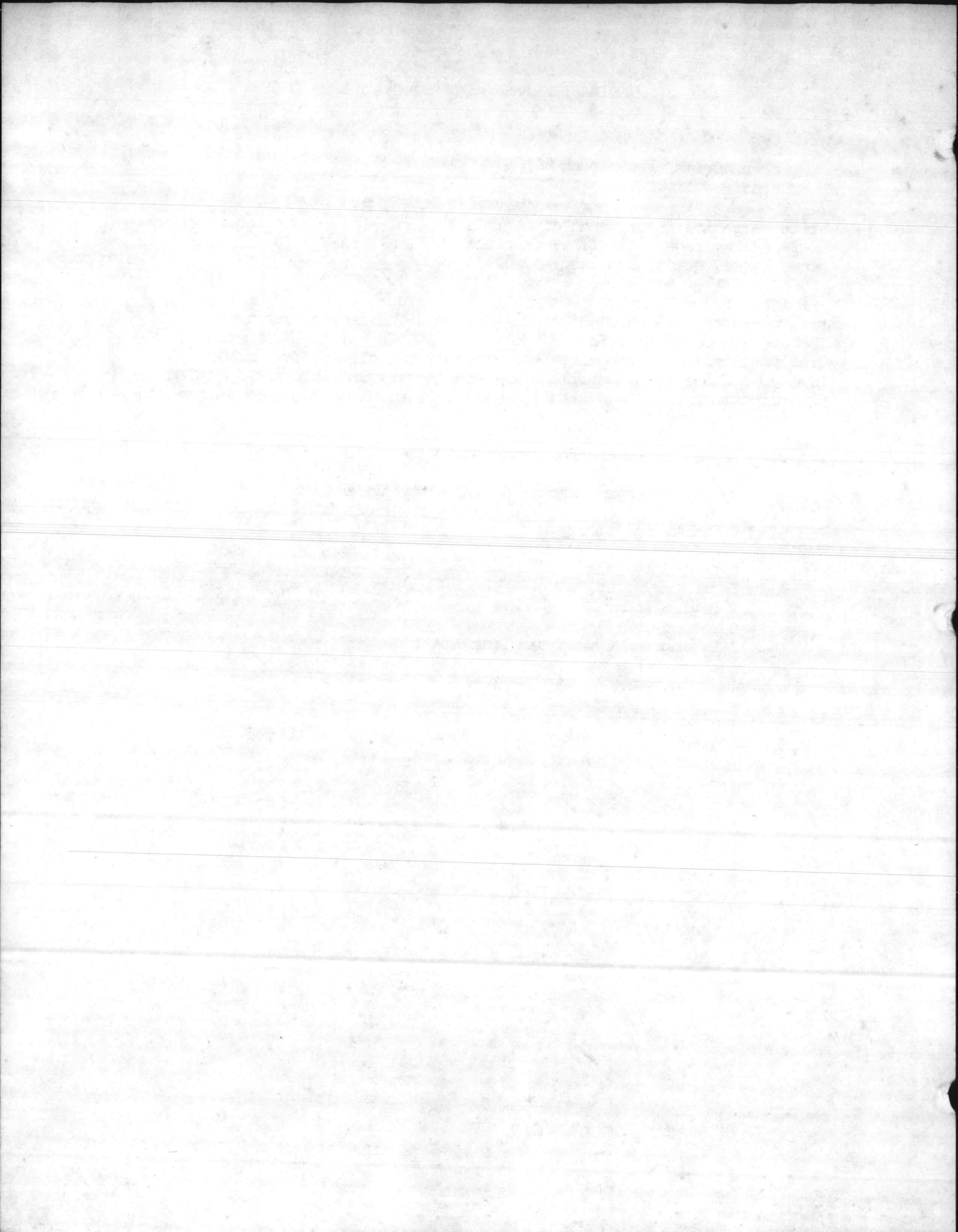
PLANT NO. & LOCATION Onslow Beach SBA-160

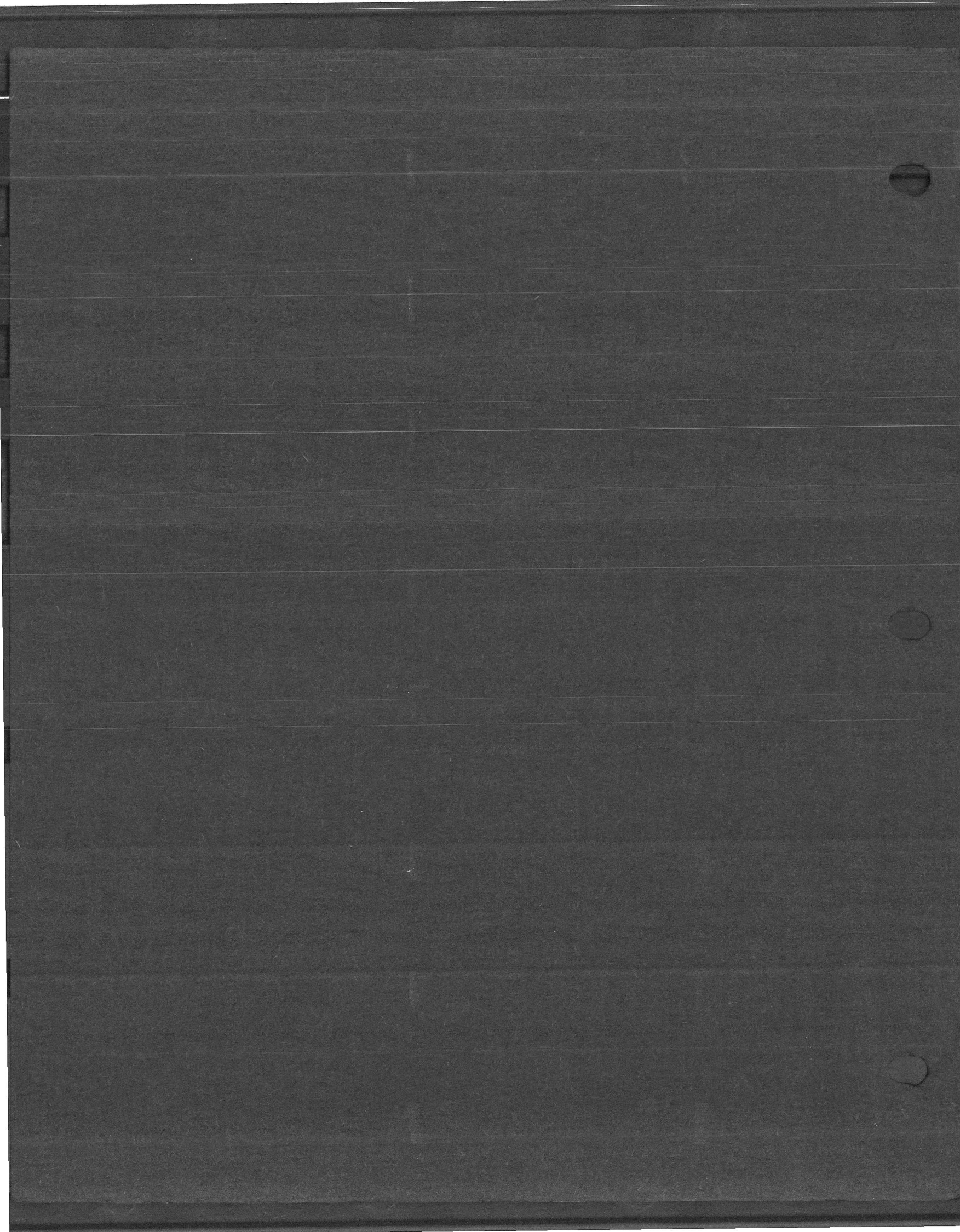
Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Onslow Beach Wastewater Treatment Facilities provide secondary treatment utilizing biological filtration. The design capacity is .195 M.G.D. The average daily flow for FY 86 is 114,920 gal/day. The primary treatment units are Imhoff tanks with integral sludge digestion. Lime is added for pH adjustment in the digester and Chlorine is added for pathogenic bacteria destruction and a chlorine residual is maintained a 2.0 mg/L or better.

The plant consists of the following tanks and equipment:

1. 1 Primary Imhoff Tank, with Digester underneath
2. 1 Trickling Filter
3. 1 Secondary Tank
4. 2 Drying beds
5. 1 Drying Bed Underdrain Pump Station





WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Onslow Beach SBA-160

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

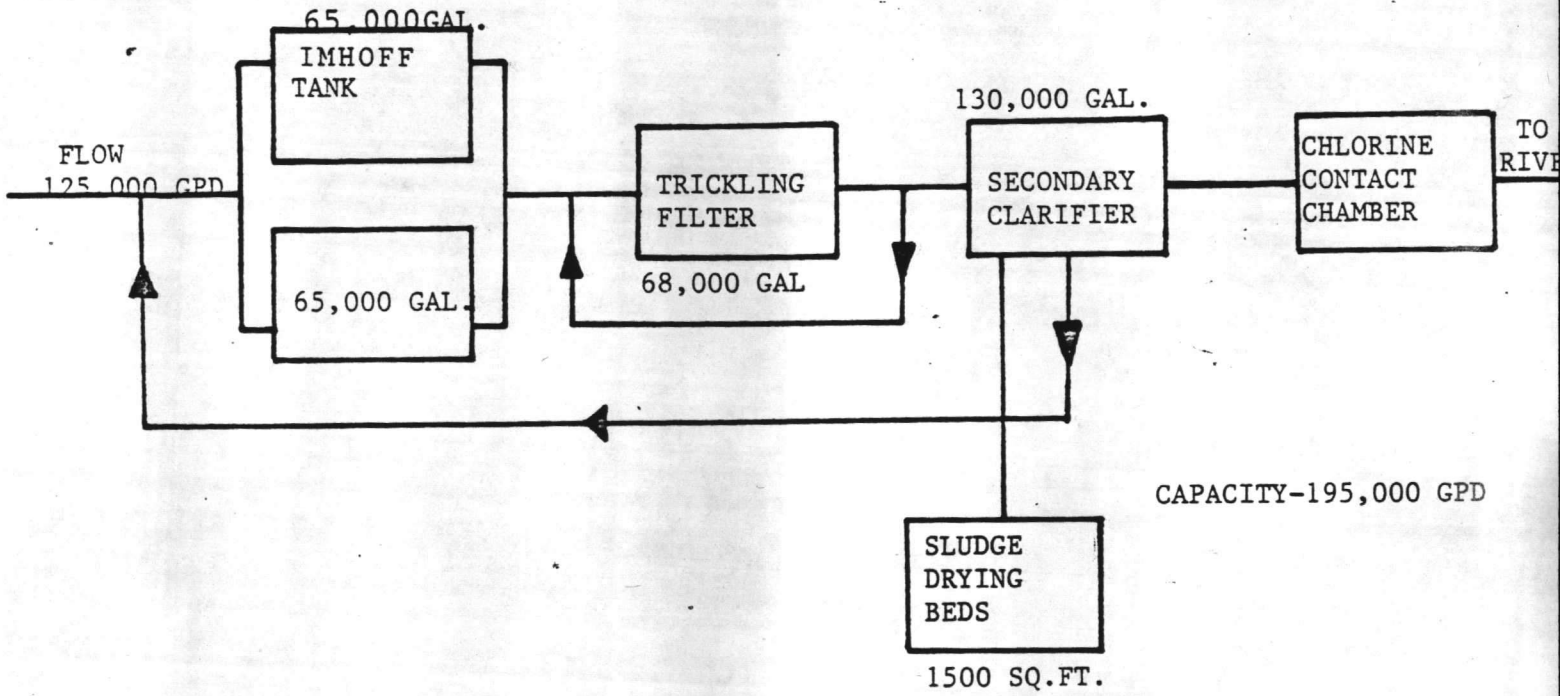
SBA-160 = Sewage Pumping Station
SBA-161 = Sewage Treatment Plant
SBA-162 = Sewage Treatment Plant
SBA-126 = Imhoff Tank
SBA-127 = Sludge Drying Beds
BA-107 = Chlorinator House

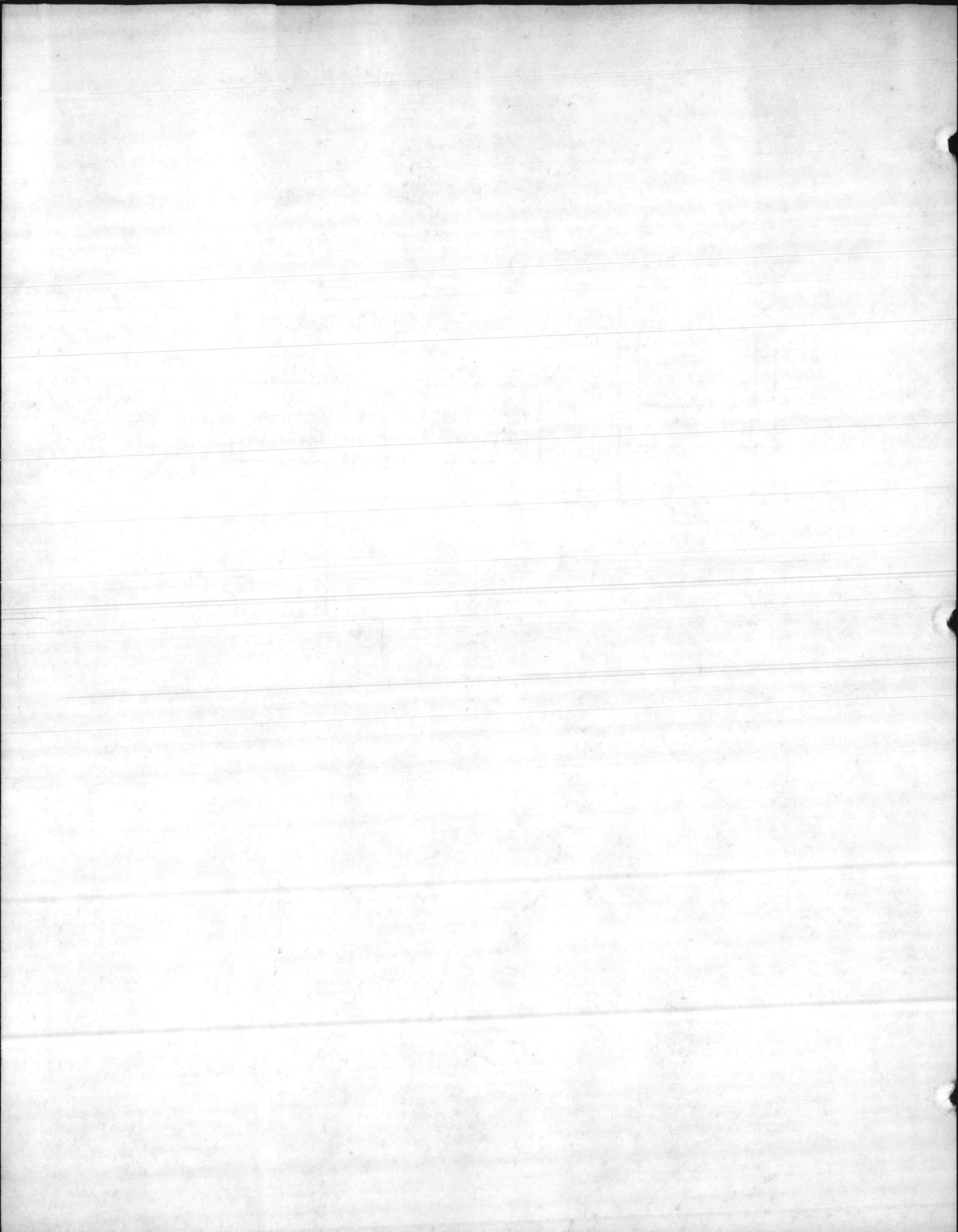
Lift stations included in the plants treatment system:

1. SBA-116
2. BA-197
3. BA-198
4. MAINT. SHOP BA-130
5. DRY BED Underdrain

05148

ONslow BEACH WASTEWATER TREATMENT PLANT
BUILDING SBA-160

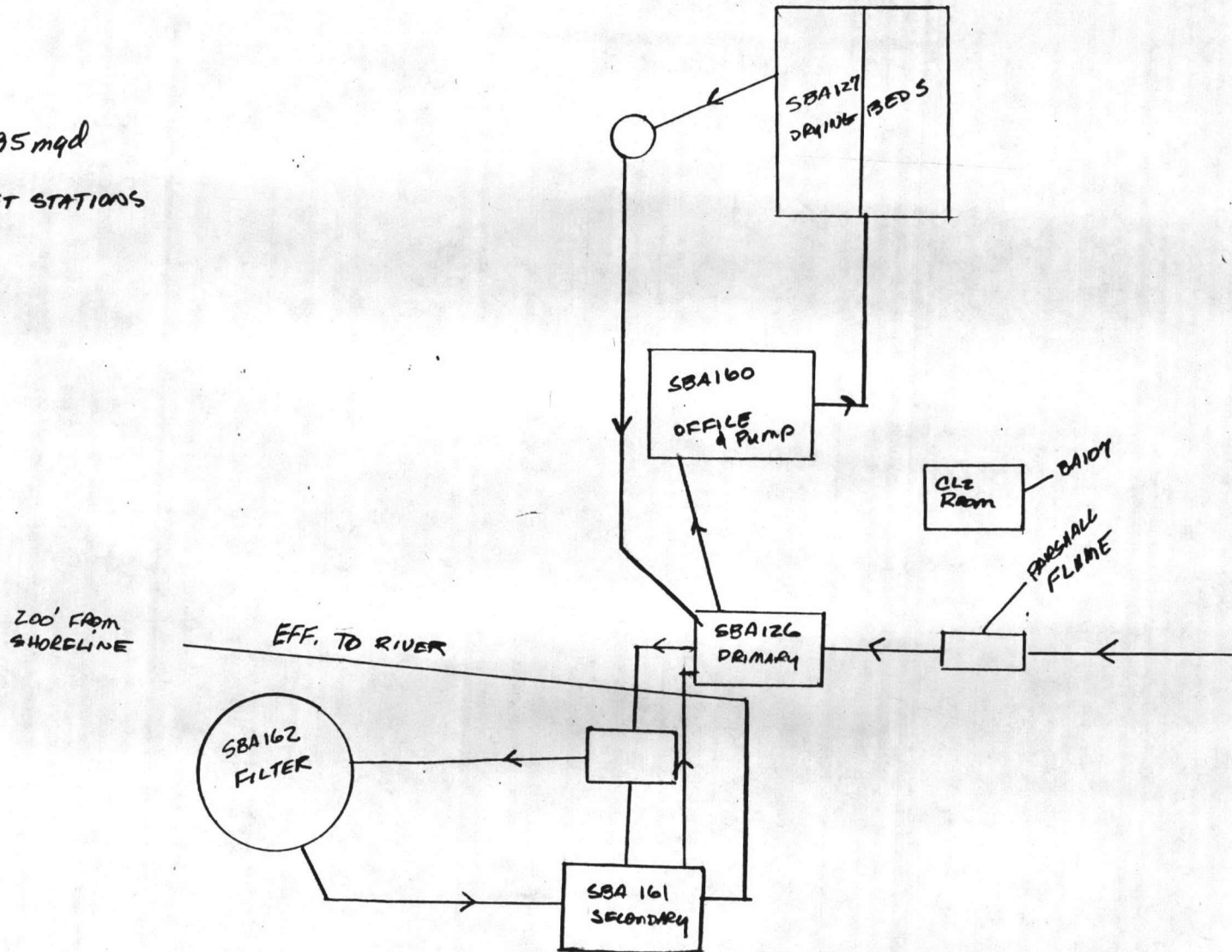


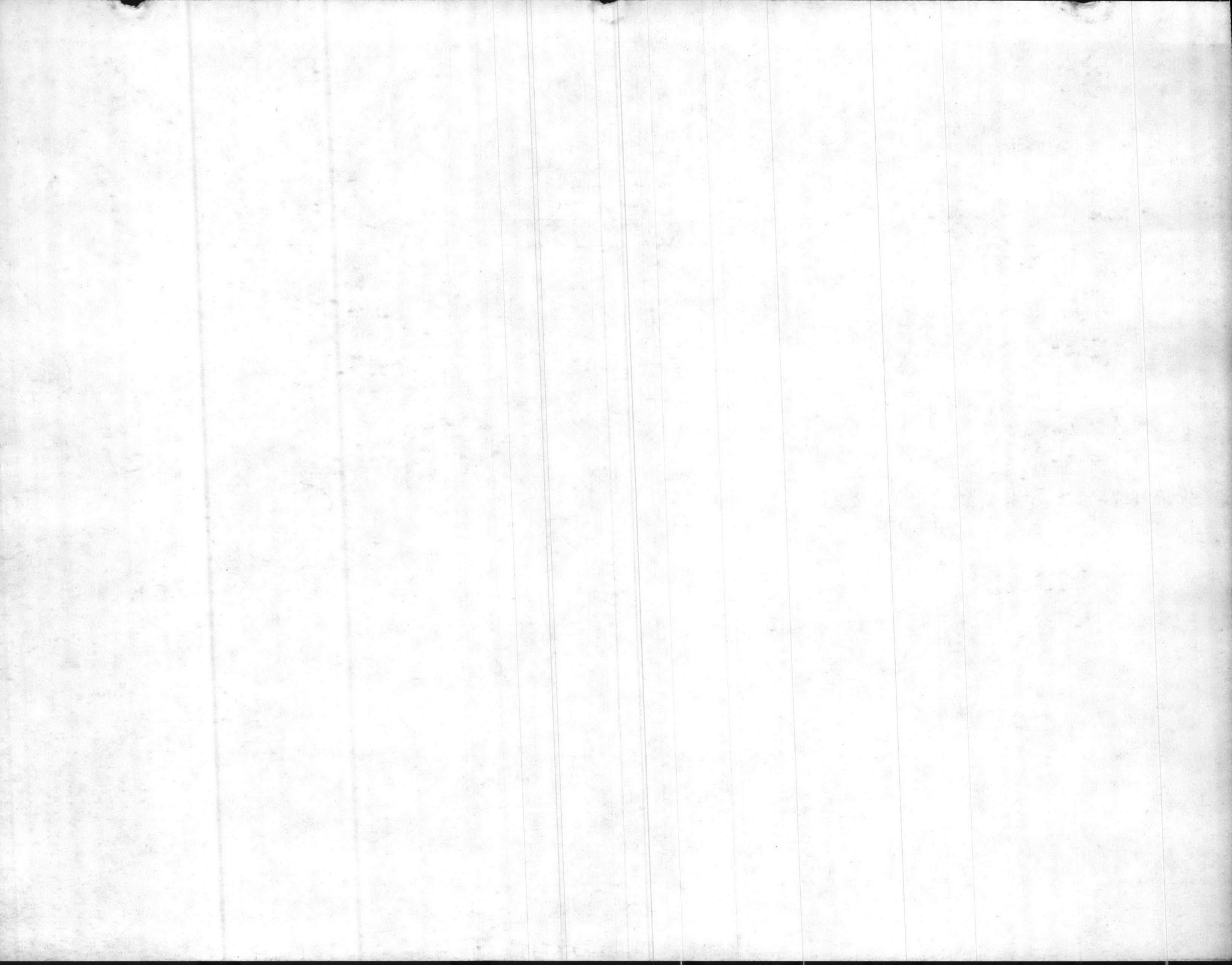


ONFLOW BEACH PLANT

NOTES:

- 1) CAPACITY • 195 mgd
- 2) 3 REMOTE LIFT STATIONS





SEWAGE EQUIPMENT INVENTORY FOR
ONSLOW BEACH

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
BA 116	MOTOR 1			358051272	0	0.00	0/ 0	0.0	0
BA 116	PUMP 1				0	0.00	0/ 0	0.0	0
BA 116	MOTOR 2				0	0.00	0/ 0	0.0	0
BA 116	PUMP 2				0	0.00	0/ 0	0.0	0
BA 116	AUX GEN		GAS 7.5 KW AC		0	0.00	0/ 0	0.0	0
BA 160	MOTOR 1	U S	153101169		0	3.00	208/230	0.0	0
BA 160	PUMP, SLUDGE 1	CARTER	800 SIMPLEX	103265	0	0.00	0/ 0	50.0	75
BA 160	MOTOR, GRIT CH	MARATHON			0	0.00	0/ 0	0.0	0
BA 160	PUMP, GRIT CH 2	CROWN	3C1PK7P000001		0	0.00	0/ 0	0.0	0
BA 160	AUX GEN		GAS 50 KW AC		0	0.00	0/ 0	0.0	0
BA 160	PUMP, FILT CIRC		15		0	0.00	0/ 0	0.0	0
BA 160	PUMP, FILT CIR 2				0	0.00	0/ 0	0.0	0
BA 160	PUMP, FILTER				0	0.00	0/ 0	0.0	0
BA 160	PUMP, FILTER 2				0	0.00	0/ 0	0.0	0
BA 160	PUMP, DRY BD				0	0.00	0/ 0	0.0	0
BA 197	MOTOR 1	G E	5KC145AZ202A		0	0.00	0/ 0	0.0	0
BA 197	PUMP 1	CROWN	P03LB7B	245117	0	0.00	0/ 0	0.0	0
BA 197	MOTOR 2	G E	5KC145AZ202A		0	0.00	0/ 0	0.0	0
BA 197	PUMP 2	CROWN	P03LB7B	245118	0	0.00	0/ 0	0.0	0
BA 198	MOTOR 1	G E	5KC145AL202A		0	0.00	0/ 0	0.0	0
BA 198	PUMP 1	CROWN	P031B7B	245114	0	0.00	0/ 0	0.0	0
BA 198	MOTOR 2	G E	5KC145AL202A		0	0.00	0/ 0	0.0	0
BA 198	PUMP 2	CROWN	P03LB7B	245113	0	0.00	0/ 0	0.0	0

REWARD EFFICIENT INVENTION FOR
DUNCAN BEACH

UNIT: 001212

LOCATION	DESCRIPTION	MAKE	MODEL	CENTRAL NUMBER	REF. #	VALUE	QTY
04 115	MOTOR 1			001212	0	0.00	1
04 116	FAN 1				0	0.00	1
04 117	MOTOR				0	0.00	1
04 118	FAN 2				0	0.00	1
04 119	MOTOR				0	0.00	1
04 120	FAN 3				0	0.00	1
04 121	MOTOR				0	0.00	1
04 122	FAN 4				0	0.00	1
04 123	MOTOR				0	0.00	1
04 124	FAN 5				0	0.00	1
04 125	MOTOR				0	0.00	1
04 126	FAN 6				0	0.00	1
04 127	MOTOR				0	0.00	1
04 128	FAN 7				0	0.00	1
04 129	MOTOR				0	0.00	1
04 130	FAN 8				0	0.00	1
04 131	MOTOR				0	0.00	1
04 132	FAN 9				0	0.00	1
04 133	MOTOR				0	0.00	1
04 134	FAN 10				0	0.00	1
04 135	MOTOR				0	0.00	1
04 136	FAN 11				0	0.00	1
04 137	MOTOR				0	0.00	1
04 138	FAN 12				0	0.00	1
04 139	MOTOR				0	0.00	1
04 140	FAN 13				0	0.00	1
04 141	MOTOR				0	0.00	1
04 142	FAN 14				0	0.00	1
04 143	MOTOR				0	0.00	1
04 144	FAN 15				0	0.00	1
04 145	MOTOR				0	0.00	1
04 146	FAN 16				0	0.00	1
04 147	MOTOR				0	0.00	1
04 148	FAN 17				0	0.00	1
04 149	MOTOR				0	0.00	1
04 150	FAN 18				0	0.00	1
04 151	MOTOR				0	0.00	1
04 152	FAN 19				0	0.00	1
04 153	MOTOR				0	0.00	1
04 154	FAN 20				0	0.00	1
04 155	MOTOR				0	0.00	1
04 156	FAN 21				0	0.00	1
04 157	MOTOR				0	0.00	1
04 158	FAN 22				0	0.00	1
04 159	MOTOR				0	0.00	1
04 160	FAN 23				0	0.00	1
04 161	MOTOR				0	0.00	1
04 162	FAN 24				0	0.00	1
04 163	MOTOR				0	0.00	1
04 164	FAN 25				0	0.00	1
04 165	MOTOR				0	0.00	1
04 166	FAN 26				0	0.00	1
04 167	MOTOR				0	0.00	1
04 168	FAN 27				0	0.00	1
04 169	MOTOR				0	0.00	1
04 170	FAN 28				0	0.00	1
04 171	MOTOR				0	0.00	1
04 172	FAN 29				0	0.00	1
04 173	MOTOR				0	0.00	1
04 174	FAN 30				0	0.00	1
04 175	MOTOR				0	0.00	1
04 176	FAN 31				0	0.00	1
04 177	MOTOR				0	0.00	1
04 178	FAN 32				0	0.00	1
04 179	MOTOR				0	0.00	1
04 180	FAN 33				0	0.00	1
04 181	MOTOR				0	0.00	1
04 182	FAN 34				0	0.00	1
04 183	MOTOR				0	0.00	1
04 184	FAN 35				0	0.00	1
04 185	MOTOR				0	0.00	1
04 186	FAN 36				0	0.00	1
04 187	MOTOR				0	0.00	1
04 188	FAN 37				0	0.00	1
04 189	MOTOR				0	0.00	1
04 190	FAN 38				0	0.00	1
04 191	MOTOR				0	0.00	1
04 192	FAN 39				0	0.00	1
04 193	MOTOR				0	0.00	1
04 194	FAN 40				0	0.00	1
04 195	MOTOR				0	0.00	1
04 196	FAN 41				0	0.00	1
04 197	MOTOR				0	0.00	1
04 198	FAN 42				0	0.00	1
04 199	MOTOR				0	0.00	1
04 200	FAN 43				0	0.00	1

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

PLANT NO. & LOCATION Rifle Range RR-92

Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Rifle Range Wastewater Treatment Facilities provides secondary treatment utilizing biological filtration. The design capacity is .525 M.G.D. and the average daily flow for FY 86 is 244,158 gal/day. The Primary treatment units are Imhoff tanks with integral sludge digestion. Lime is added to the digestors to maintain proper pH and Chlorine is added for pathogenic bacteria destruction with a chlorine residual maintained at 2.0 mg/L or better.

The plant consists of the following tanks and equipment:

1. 2 Imhoff Tanks
2. 1 Trickling Filter
3. 1 Secondary Clarifier
4. 1 Chlorine Contact Chamber
5. 2 Sludge Drying Beds
6. 1 Sludge Drying Bed Underdrain Pump Station

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Rifle Range RR-92

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

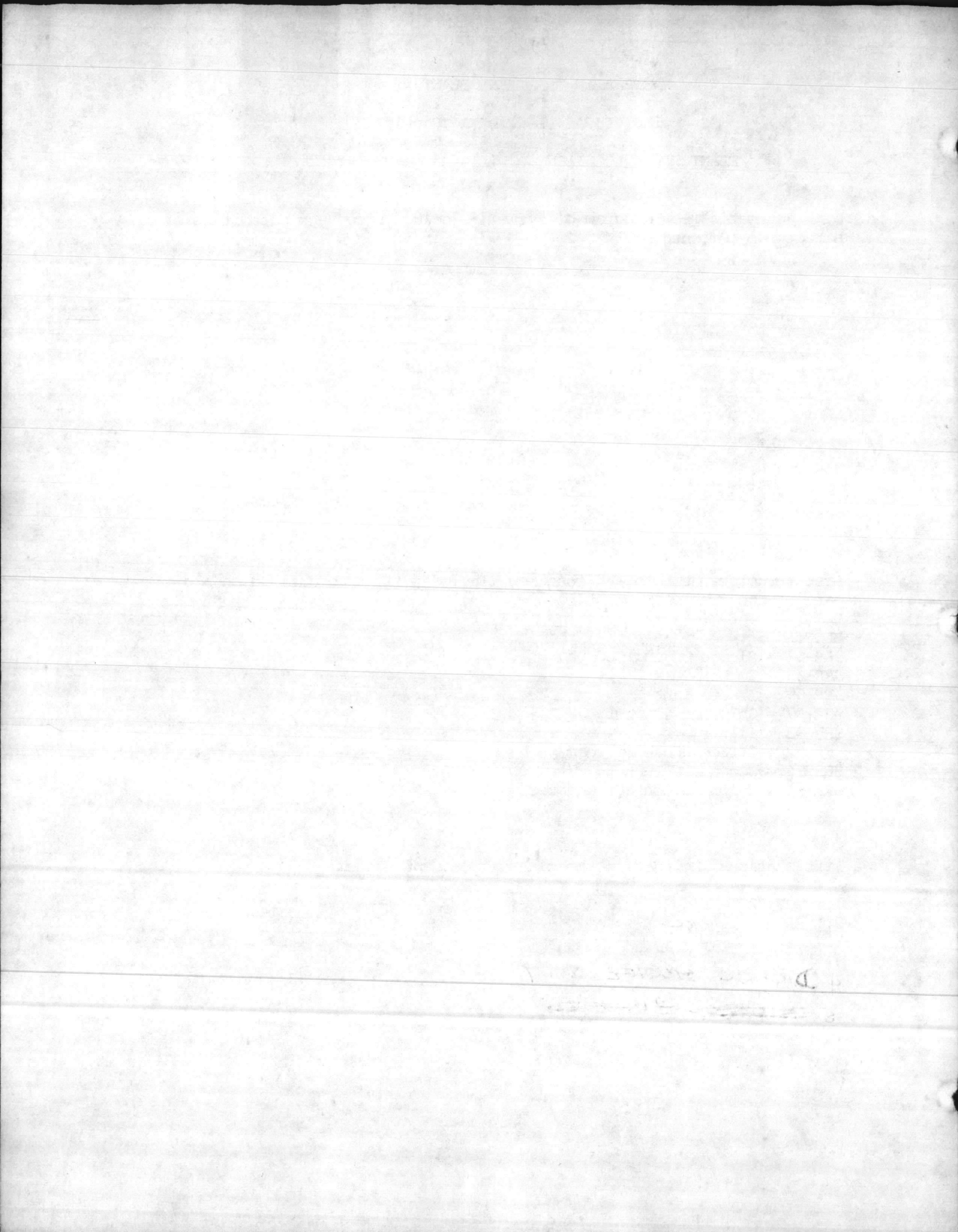
List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

SRR-67 = Sludge Drying Bed
SRR-68 = Imhoff Tank
SRR-69 = Imhoff Tank
SRR-87 = Chlorine Chamber
SRR-93 = Filter
RR-92 = Office and Pump room
SRR-94 = Secondary Tank
SRR-95 = Chlorine Contact Chamber

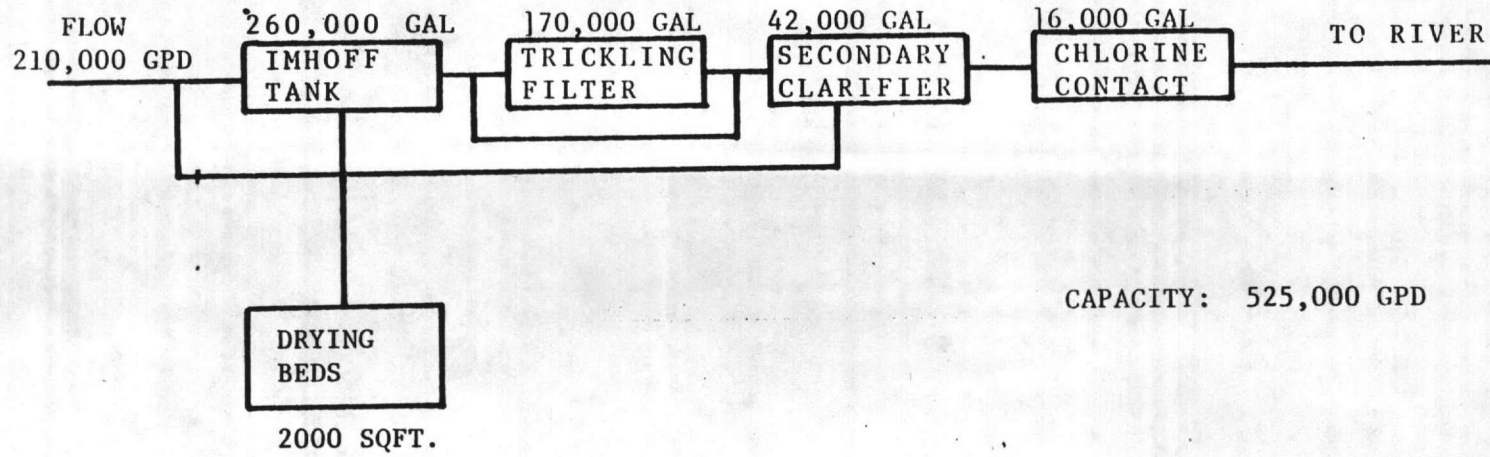
Lift stations included in the plants treatment system:

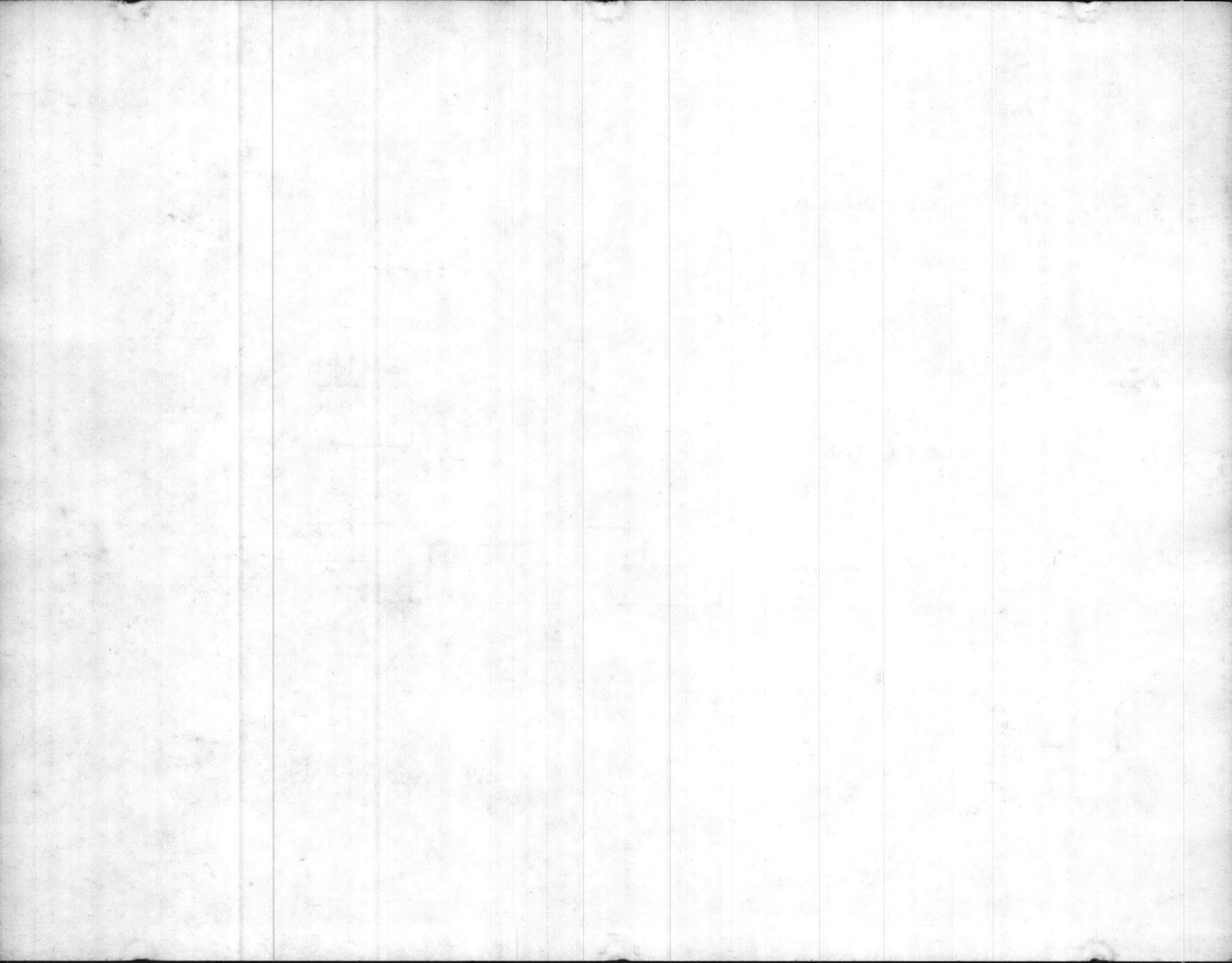
1. SRR-52
2. SRR-60 *Change*
3. *Drying Bed Underdrain*
4. *D Range ~~SRR-102~~ S-67*
5. *~~D Range~~ Change*



RIFLE RANGE WASTEWATER TREATMENT PLANT

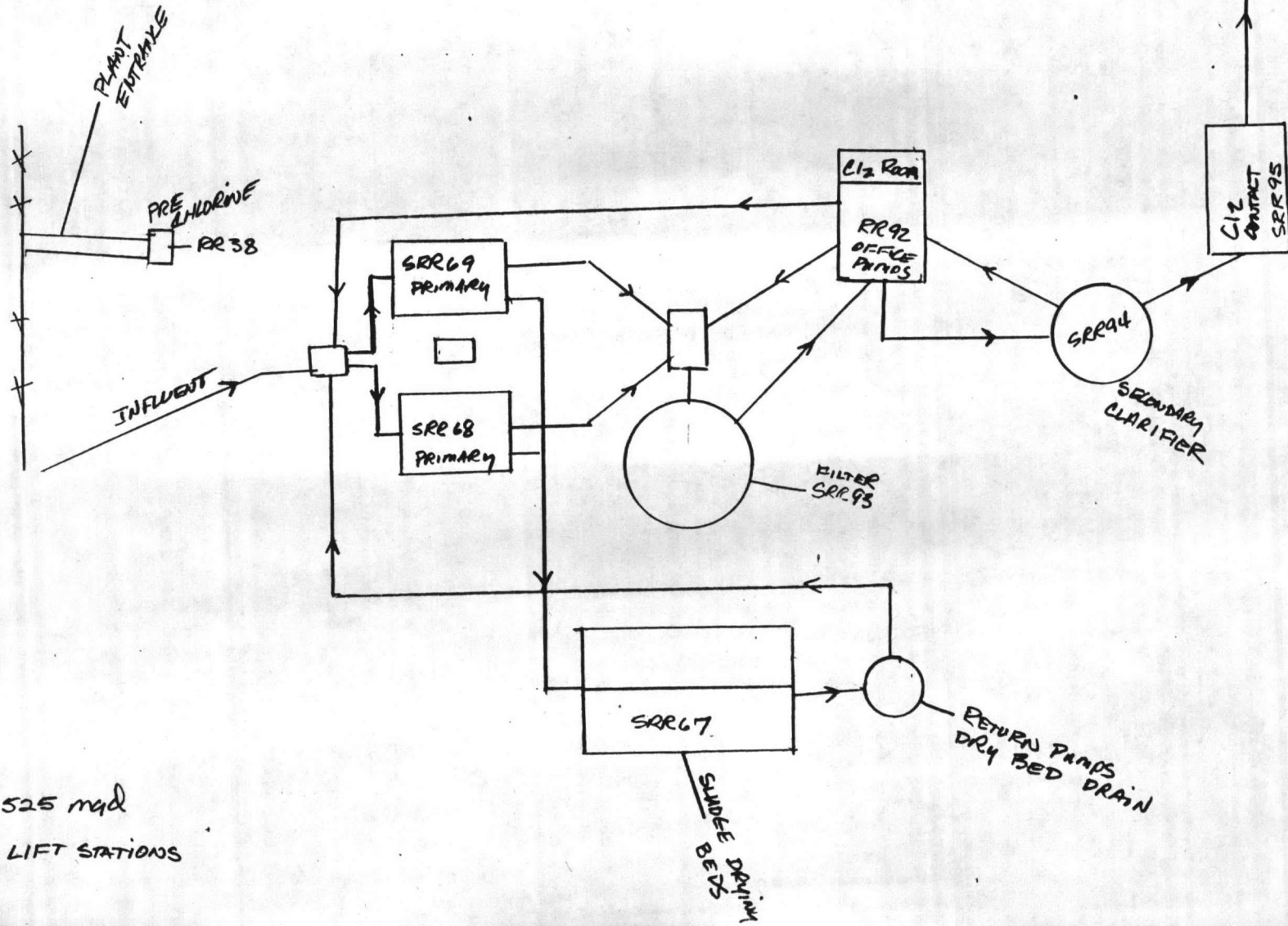
BUILDING RR-92





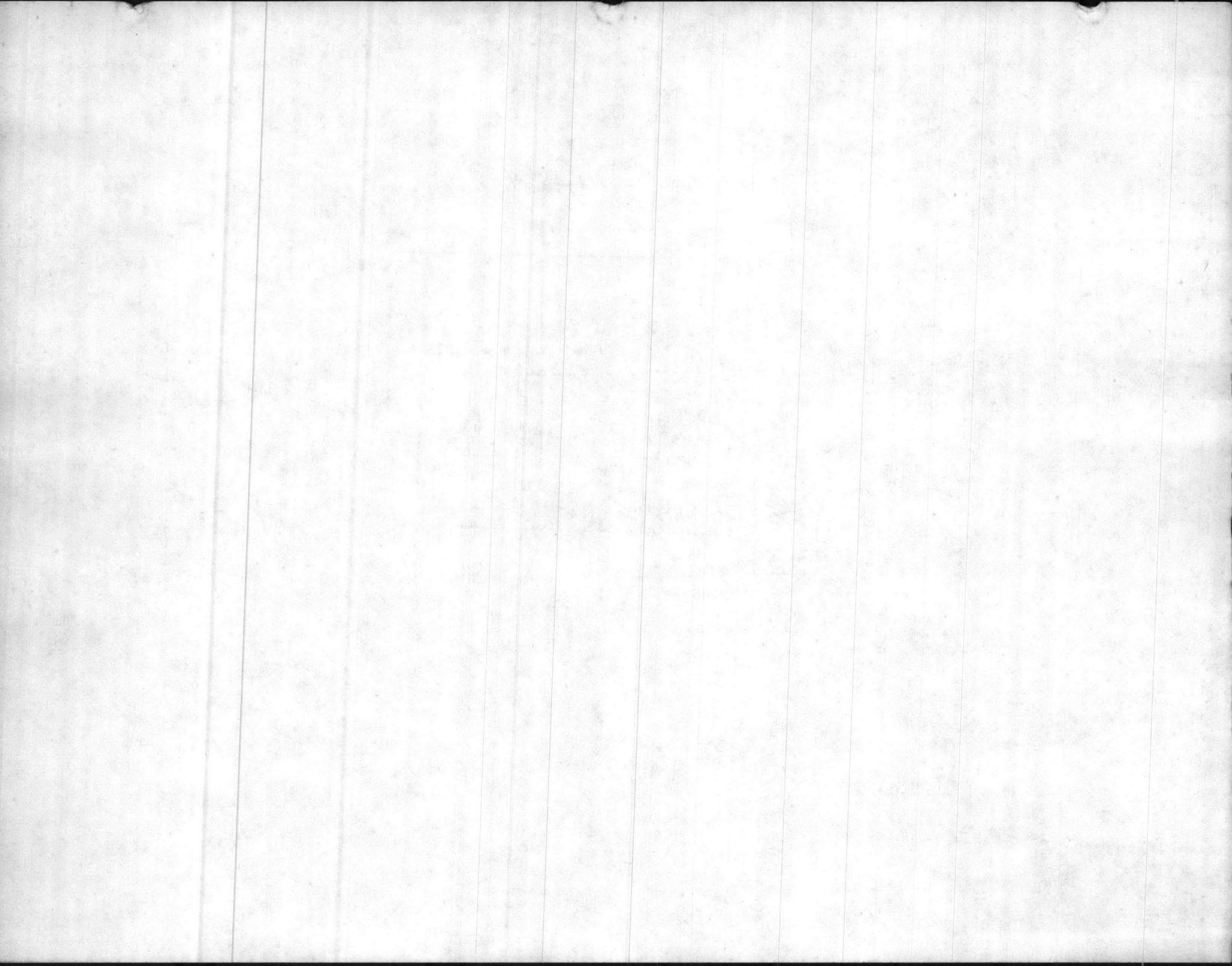
RIFLE RANGE PLANT

548' FROM SHORELINE



NOTES:

- 1) CAPACITY .525 mgd
- 2) 2 REMOTE LIFT STATIONS



SEWAGE EQUIPMENT INVENTORY FOR
RIFLE RANGE

DATE: 02/12/87

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	RPM	HP	VOLTAGE	TDH	GPM
RR 52	MOTOR 1	YEOMAN	107728AA	74342	1150	3.00	220/440	0.0	0
RR 52	PUMP 1			24244	0	0.00	0/ 0	20.0	150
RR 52	MOTOR 2	YEOMAN	107728A		1150	3.00	220/440	0.0	0
RR 52	PUMP 2				0	0.00	0/ 0	0.0	150
RR 52	AUX GEN		GAS 15 KW		0	0.00	120/240	0.0	0
RR 60	PUMP 1				3450	3.00	240/ 0	47.5	50
RR 60	PUMP 2				3450	3.00	240/ 0	47.5	50
RR 92	MOTOR, CIRC	MARATHON	8C145TCDV7	768725	1100	0.75	115/230	0.0	0
RR 92	PUMP CIR 1	FAIRBANKS			1100	0.00	0/ 0	16.0	26
RR 92	MOTOR CIR2				0	0.00	0/ 0	0.0	0
RR 92	PUMP CIR 2	GORMAN RUPP			0	0.00	0/ 0	0.0	0
RR 92	MOTOR, S R1	PEABODY BARNES			1725	2.80	230/ 0	0.0	0
RR 92	PUMP SR 2	RELIANCE			1200	1.00	230/ 0	0.0	0
RR 92	AUX GEN		GAS 30 KW		0	0.00	0/ 0	0.0	0
RR S 67	PUMP L S	HYDROMATIC	SK60M2	7625579	0	0.60	230/ 0	0.0	0

SEWAGE EQUIPMENT INVENTORY FOR
OFFICE RANGE

DATE: 02/12/83

LOCATION	DESCRIPTION	MAKE	MODEL	SERIAL NUMBER	WGT. LB.	VOLUME	TOT. SP.
RR 20	MOTOR 1	TEOMIN	20 TON	1234	150	2.00	0.0
RR 21	PUMP	TEOMIN	20 TON	5678	150	2.00	20.0
RR 22	MOTOR 2	TEOMIN	20 TON	9012	150	2.00	0.0
RR 23	PUMP 2	TEOMIN	20 TON	3456	150	2.00	0.0
RR 24	AUX. PUMP	TEOMIN	20 TON	7890	150	2.00	0.0
RR 25	MOTOR 1	TEOMIN	20 TON	1122	150	2.00	0.0
RR 26	PUMP 1	TEOMIN	20 TON	3344	150	2.00	0.0
RR 27	MOTOR (TRC)	TEOMIN	20 TON	5566	150	2.00	0.0
RR 28	PUMP (TRC)	TEOMIN	20 TON	7788	150	2.00	0.0
RR 29	MOTOR (TRC)	TEOMIN	20 TON	9900	150	2.00	0.0
RR 30	PUMP (TRC)	TEOMIN	20 TON	1212	150	2.00	0.0
RR 31	MOTOR (TRC)	TEOMIN	20 TON	3434	150	2.00	0.0
RR 32	PUMP (TRC)	TEOMIN	20 TON	5656	150	2.00	0.0
RR 33	MOTOR (TRC)	TEOMIN	20 TON	7878	150	2.00	0.0
RR 34	PUMP (TRC)	TEOMIN	20 TON	9090	150	2.00	0.0
RR 35	MOTOR (TRC)	TEOMIN	20 TON	1111	150	2.00	0.0
RR 36	PUMP (TRC)	TEOMIN	20 TON	3333	150	2.00	0.0
RR 37	MOTOR (TRC)	TEOMIN	20 TON	5555	150	2.00	0.0
RR 38	PUMP (TRC)	TEOMIN	20 TON	7777	150	2.00	0.0
RR 39	MOTOR (TRC)	TEOMIN	20 TON	9999	150	2.00	0.0
RR 40	PUMP (TRC)	TEOMIN	20 TON	1222	150	2.00	0.0

WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA

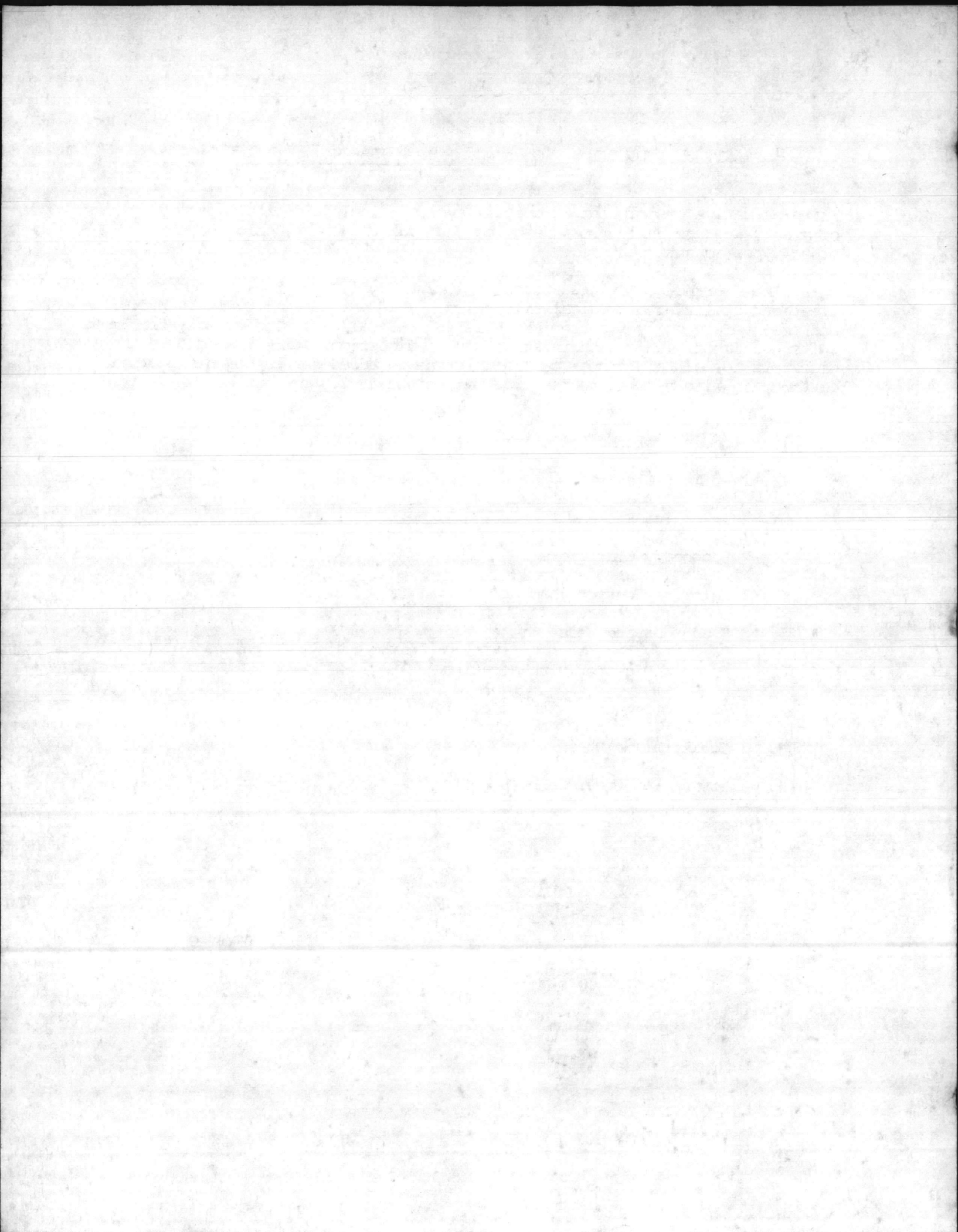
PLANT NO. & LOCATION Courthouse Bay BB-204

Write narrative description of overall system - include design capacity of plant, average daily flow; describe chemical treatment, chlorine, etc., other types, quantities used:

The Courthouse Bay Wastewater Treatment Facilities provide secondary treatment utilizing biological filtration. The design capacity is .6 M.G.D. and the average daily flow for FY 86 is 438.863 gal/day. The primary treatment units are Imhoff Tanks with integral sludge digestion. Lime is added to the digestors to maintain proper pH and Chlorine is added for pathogenic bacteria destruction with a chlorine residual maintained at 2.0 mg/L or better.

The plant consists of the following tanks and equipment:

1. 2 Primary Clarifiers
2. 2 Trickling Filters
3. 2 Secondary Clarifiers
4. 1 Chlorine Contact Chamber
5. 8 Sludge Drying Beds
6. 1 Aerobic Digester with aeration
7. 1 Aerobic Digester without aeration
8. 1 Equilization Basin with 3 Floating Aereators
9. 1 Drying Bed Underdrain Pump Station



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

SBB 207

PLANT NO. & LOCATION Courthouse Bay BB-204

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.)

SBB-75 = PRIMARY CLARIFIERS #1/#2

BLDG. NO.

S-BB-74 PRI SLUDGE/DIG. SLUDGE PUMP ROOM

BB-4 = Chlorinator room & Office #2 TRICKLING FILTER PUMP ROOM

S-BB-205 = Filters #1 & #2

S-BB-206 = Secondary Clarifier #1 & #2

S-BB-207 = Sewage Treatment Plant

S-BB-66 = Imhoff Tank

S-BB-168 = Chlorine Contact Chamber

S-BB-67 = Sludge Drying Beds

BB-240 = Equilization Basin

BB-241 = Blower Building

S-BB-200 = AEROBIC DIG. #1

S-BB-66 = DIGESTER #2

S-BB-67 = DRYING BEDS 1-2-3-4-5-6-7-8

Lift Stations included in the plants treatment system:

1. ~~BB-204~~ SBB-204 SEC. SLUDGE PUMP ROOM / LAB / #1 TRICKLING FILTER PUMP ROOM

2. S-BB-1

3. SA-38

4. DRY BED UNDERDRAIN

OIL & WATER SEPARATORS

5. Sreeds Ferry Gate
6. Marina "A"
7. Marina "B"

1. S-6A

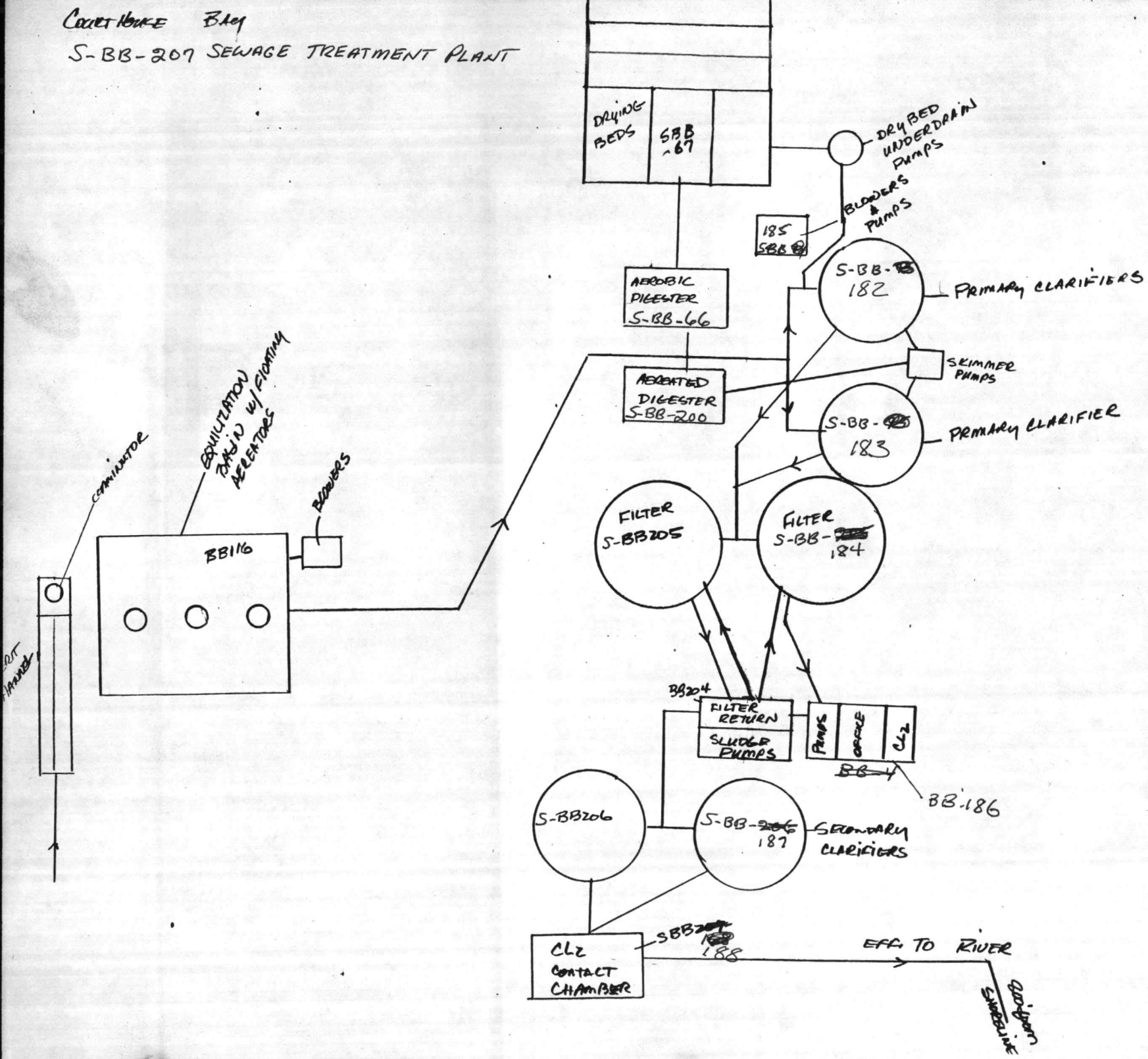
2. S-6B

3. S-6C S-4Z



COURTHOUSE BAY

S-BB-209 SEWAGE TREATMENT PLANT



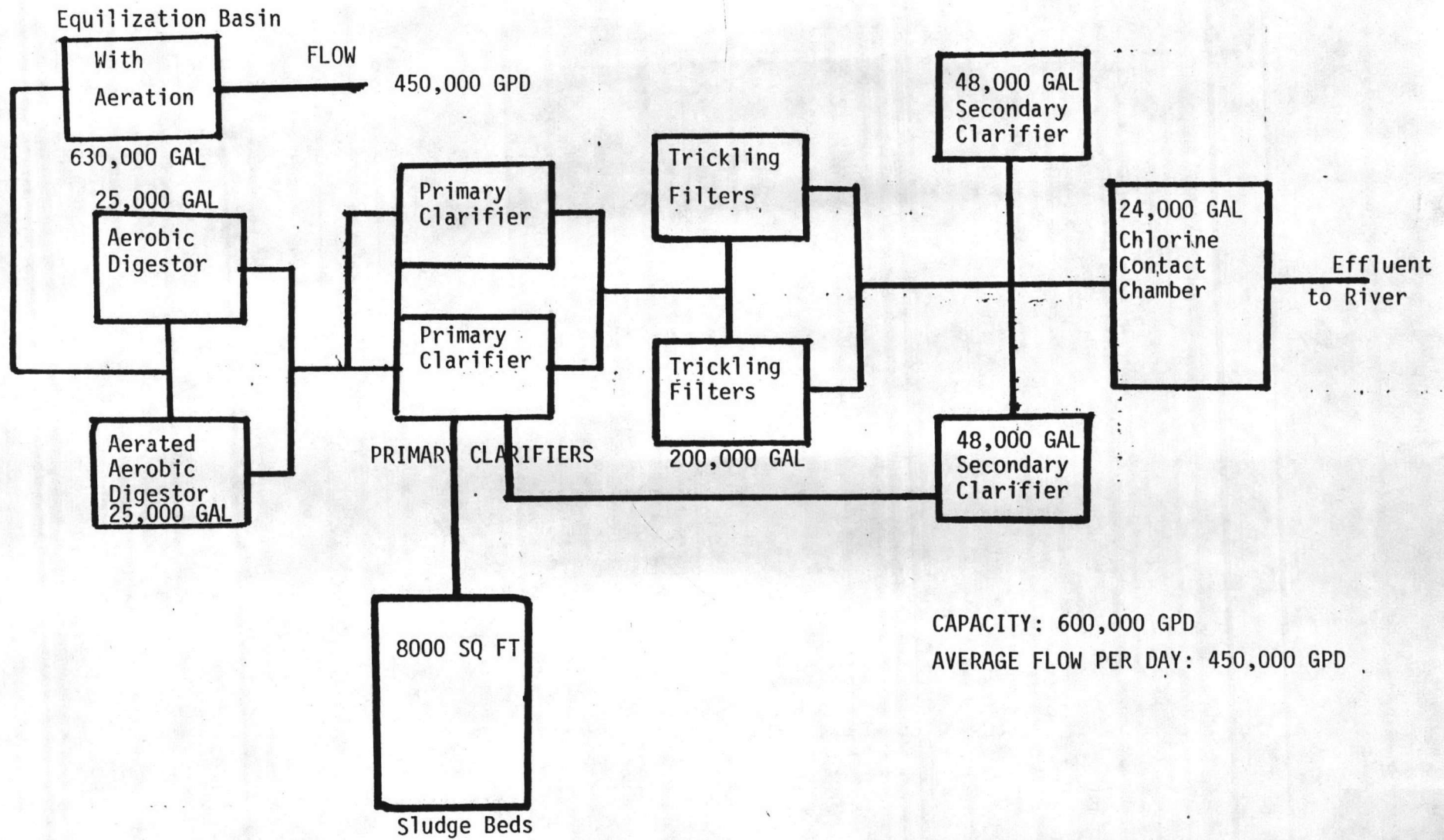
NOTES;

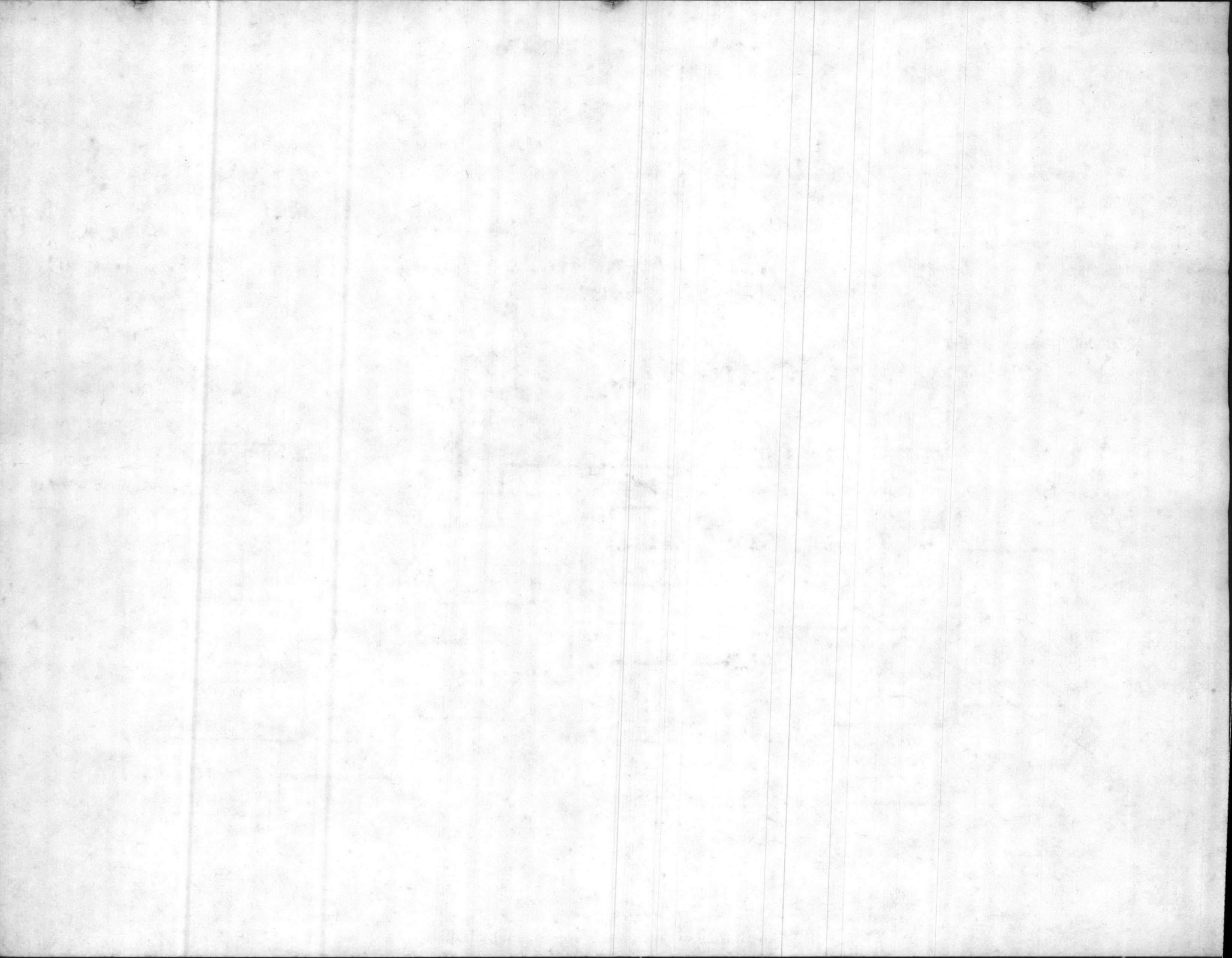
- 1) CAPACITY .600 mgd
- 2) 2 REMOTE LIFT STATION
- 3) 3 WATER & OIL SEPARATOR



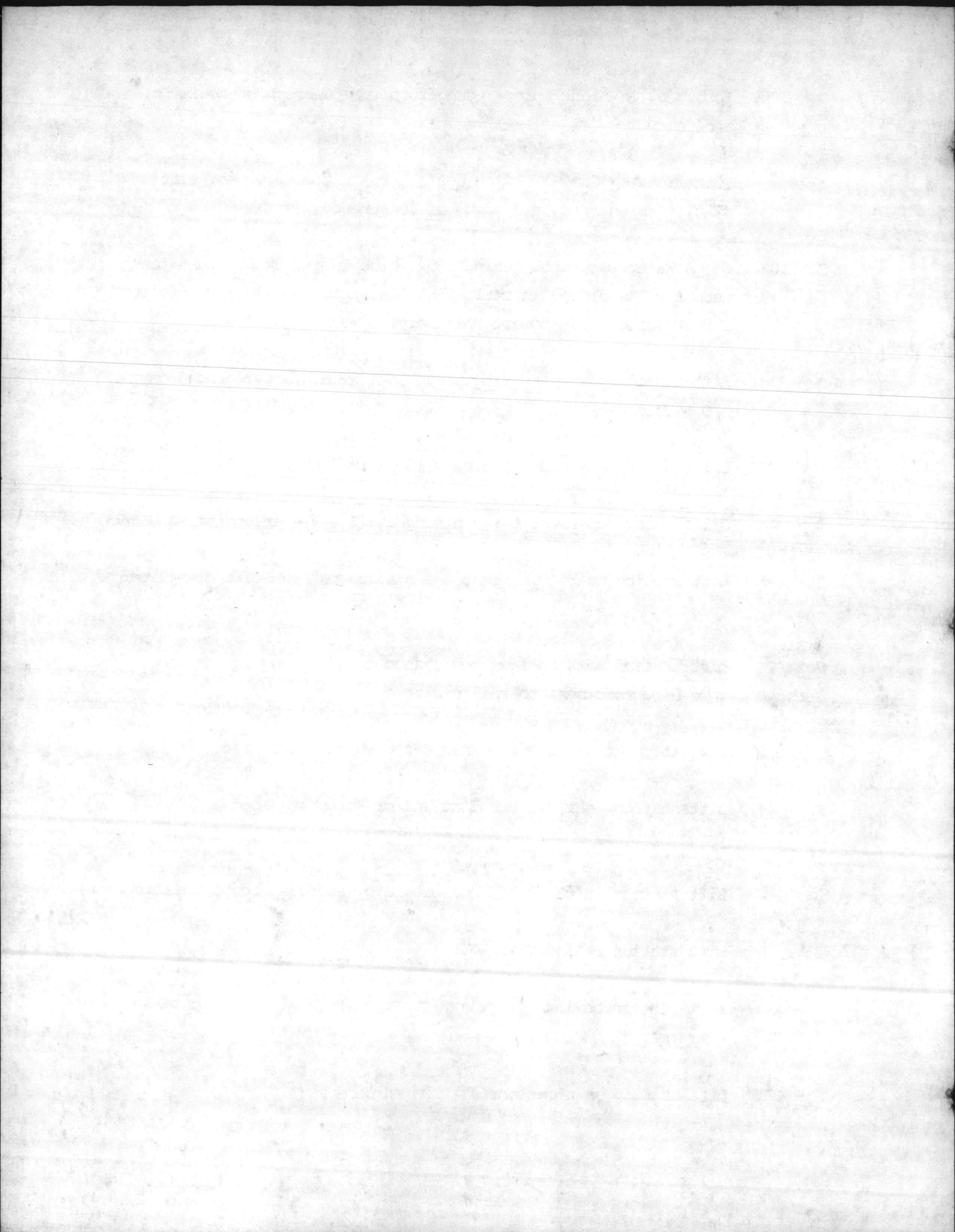
COURTHOUSE BAY WASTEWATER TREATMENT PLANT

Building BB-204

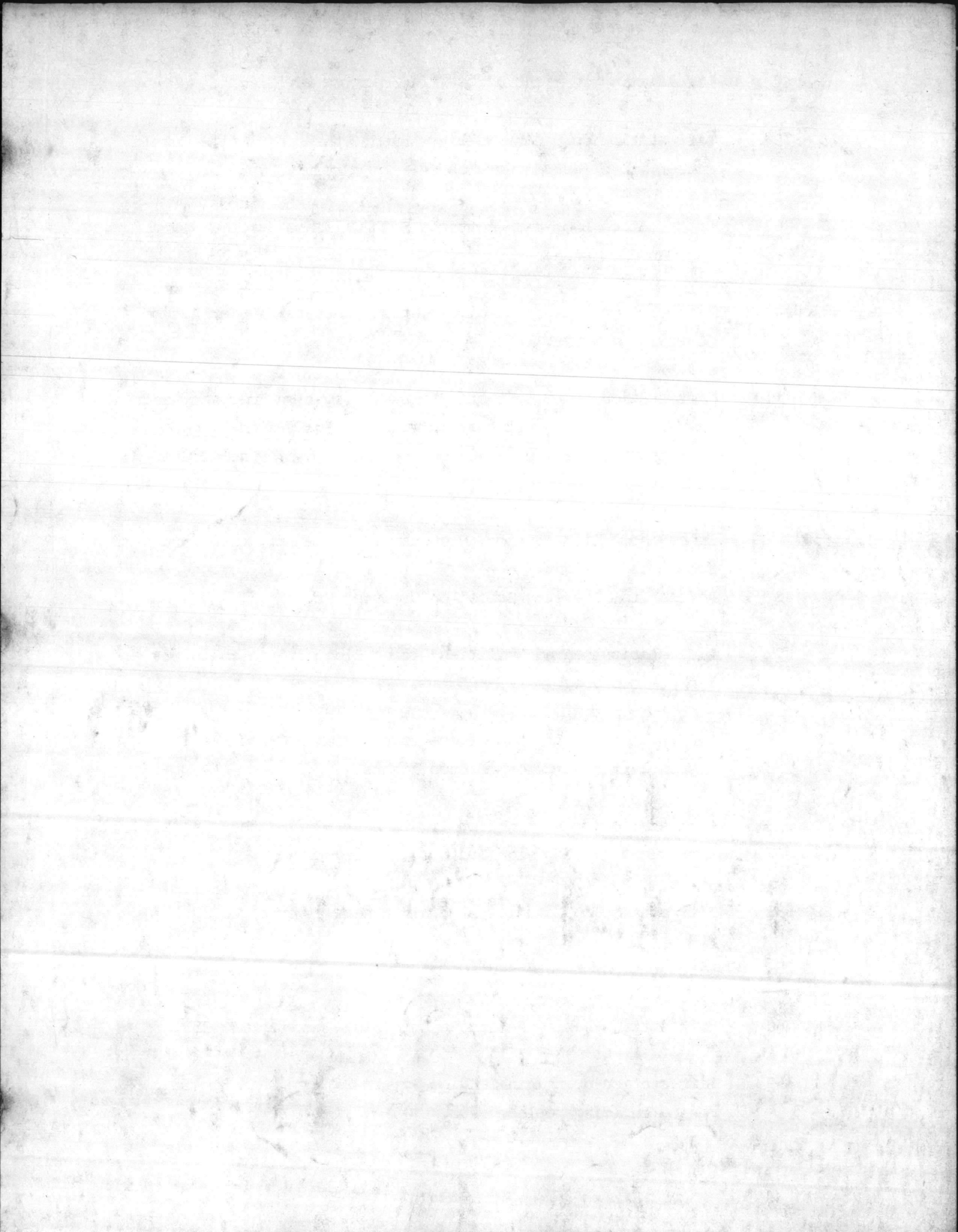




- S - 1761 Louis Rd. on right before you get to intersection of Louis Rd. and Gum St.
- 1776 - Turn right on Gum St. to deadend, turn left go 200 yds. Lift station is on left at deadend of 10 street.
- S - 1882 Oil & Water separator behind 1854 which is a tank park and tank wash rack (enclosed in chain link fence) on opposite end of 10th Street (from 1776) toward Main Service Road.
- S - 1881 Lift station just past Bldg. 1854 toward Main Service Road on " O " Street.
- S - 1723 Oil & Water separator (enclosed in chain link fence) near 1761.
- S - 948 Oil & Water separator between Bldgs. 913 & 904 at end of wash rack.
- S - 1055 Lift station near Government Gas station on Ash St. and railroad track.
- 702 Lift station next to lawn mower shop and Heavy equipment bldg. down dirt road next to railroad track.
- ? New lift station at end of new car wash on Ash street.
- PT - 41 Lift station near Dog pound at end of Parachute Road by Insect Vector.
- 34 Lift station in woods off Holcomb Blvd. accross from commissary.
- 85 Lift station behind Main PX.
- H - 29 Lift station on left of Julian C. Smith Road at Old Hospital entrance.
- S - 47 Lift station on right across from Marston Pavillion.



- S - 47 - A Lift station on right across from Marston Pavillion.
- S - 1948 Lift station down Seth Williams Blvd. ,turn left on to Cukela street, turn left on Service Rd. at Quarters 3074.
- S - 2633 Lift station BOQ, turn left off Seth Williams at CLNC Rod and Gun Club sign.
- 2100 Lift station , right at circle, past Quarters 2106 at Autumn, Generals Quarters.
- NH - 110 Lift station, turn left off Brewster, right on Emergency and Service road, then right at Service and Staff sign to back of Hospital; its the Last Bldg. on right down by helicopter pad next to river.
- 855 High School lift station, Brewster to Stone St., turn left School is on right.
- S - 46 Across from Brewster School on Brewster St.
- S - 672 Lift station behind Utilities Office Bldg. 670 in chain link fenced area.
- SFC 116 Lift station, from Post Office toward French Creek Area. Its on left just prior to Stop lights.
- SFC - 315 Lift station, turn right at lights near FC 116, then 1st left, then right at stop sign 3rd bldg. on right.
- SFC 599 ~~Lift station on Gonzales Blvd. down near river edge.~~
- SFC 259 Lift station at intersection of Gonzales Blvd. & Anderson St.
- SFC 260 Lift station behind Parachute Loft Bldg. next to SFC 259.
- SFC 199 Lift station down Main Service Rd. to 2d Recon and 8th Eng. behind building replaced 203.



- AS 517 Lift station by Hanger to end of Bancroft St., turn right on to Good Sell St. (near PX Dog House food facility)
- AS 515 Oil & Water separator at East end of Hanger #515, end of Bancroft St., turn left on to Allgood St., go to East end of Hanger.
- SAS 523 Oil & Water separator near Transformer with this # on it. It is at the East end of Hanger & Helicopter Pad # AS 504.
- AS 4102 Oil & Water separator next to Helicopter wash rack .
- AS 426 Lift station behind Mag Group Supply Bldg. Mag 26 GASSC old Dispursing Bldg #425.
- AS 4147 Lift station on White St. near Steam Plant.
- AS 4125 Lift station beside road on Schmidt Street on left. # is on Generator Bldg. approximately 10 yds. from station.
- AS 4161 Lift station off Perimeter Rd. inside of fenced area MWSS 272 Outfit. # is on wash rack 10 yds. from station.
- AS 109 Oil & Water separator off White St. near Water Plant. Special Service Car Wash.
- SAS 629 Lift station(Main) off Curtis Rd. onto Agar St. last bldg. on left.
- AS 606 Lift station off Curtis Rd. onto Flounder Rd. approximately 100 yds on left.
- AS 850 Lift station off Curtis Rd. onto Long Staff St., 150 yds on right.
- AS 852 Lift station off Long Staff St. directly behind NCO club near Communication Bldg. #849, small fenced area.
- AS 902 Lift station in front of Staff NCO Club, submarine type.

- S - 2633 Lift station BOQ, turn left off Seth Williams at CLNC Rod and Gun Club sign.
- 2100 Lift station , right at circle, past Quarters 2106 at Autumn, Generals Quarters.
- NH - 110 Lift station, turn left off Brewster, right on Emergency and Service road, then right at Service and Staff sign to back of Hospital; its the Last Bldg. on right down by helicopter pad next to river.
- 855 High School lift station, Brewster to Stone St., turn left School is on right.
- S - 46 Across from Brewster School on Brewster St.
- S - 672 Lift station behind Utilities Office Bldg. 670 in chain link fenced area.
- SFC 116 Lift station, from Post Office toward French Creek Area. Its on left just prior to Stop lights.
- SFC - 315 Lift station, turn right at lights near FC 116, then 1st left, then right at stop sign 3rd bldg. on right.
- SFC 599 ~~Lift station on Gonzales Blvd. down near river edge.~~
- SFC 259 Lift station at intersection of Gonzales Blvd. & Anderson St.
- SFC 260 Lift station behind Parachute Loft Bldg. next to SFC 259.
- SFC 199 Lift station down Main Service Rd. to 2d Recon and 8th Eng. behind building replaced 203.

SFC-133 Behind FC-199

AS 2001 Lift station down from Staff NCO Club on right off Long Staff Rd. in edge of the Quarters.

AS 2808 Lift station at Marina, at end of Curtis Rd., turn left onto Perimeter Rd. to Marina Area.

AS 3503 Oil & Water separator, it is located at rear of 3505, backside of landing strip on Perimeter Rd.

SAS 3526 Lift station accross from Bldg. 3505.

835 New High School

Courthouse Bay Area

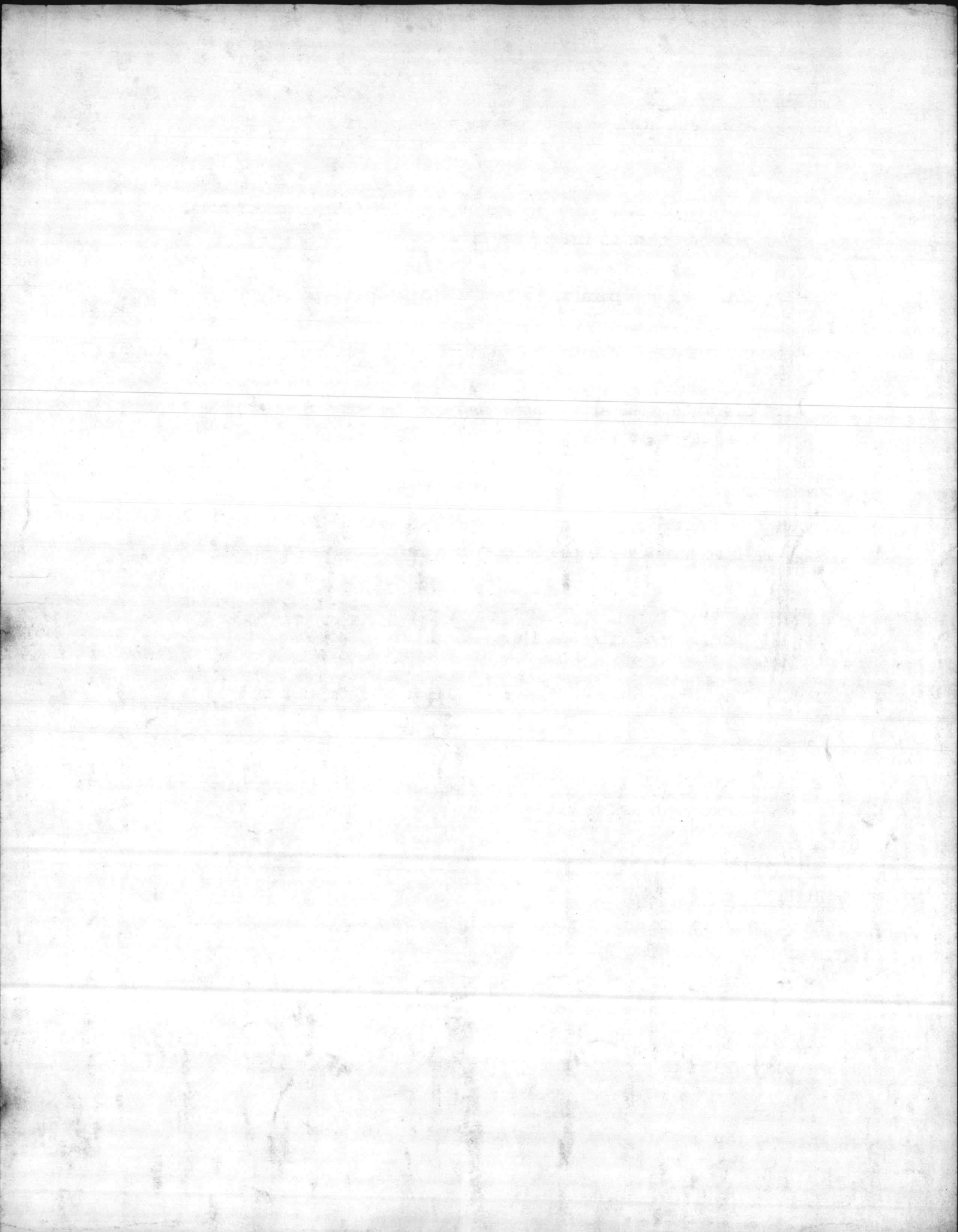
- BB 1 Main Lift station across from steam plant.
- SA 38 Lift station in Amtrack area off 172 Hwy. toward Sneads Ferry-
in rear of chain link fenced area on left as you enter gate, on
backside next to the bay.
- S - 6A Oil & Water separator to left of SA 38 approximately 10 yds away.
- S - 6b Oil & Water separator to right of SA 38 approximately 50 yds away.
- S - 6c Oil & Water separator approximately 100 yds. to east of SA 38
near new wash rack.

Onslow Beach Area

- SBA 116 Lift station across bridge turn left onto Beach Rd. on right
25 yds.
- SBA 197 Across road from SBA 116.
- SBA 198 Down road toward officers Pavillion on left side of road by
trailer park.
- SBA 160 Main Plant across bridge turn right, behind 1st bldg. on right,
next to InterCoastal Waterway.

Rifle Range

- RR 92 Go to far end of range area (C-Range) dirt road to right.
- RR 52 Take hard surface road, at end of B-range, on left approximately
150 yds, on right, off road, in woods.
- RR 60 Go to back of C- Range, lift station next to road just before
you bear left to go behind C - Range.



ICH 4005 Lift station at Midway Park - out Main gate, turn right off Overpass at sign to Midway Park, then left at first road, Butler Drive just opposite Qtrs. 258 on right side of road.

TT 32 Lift station in valley off Tarawa Blvd. past New swimming pool.

TT 33 Lift station off Tarawa Blvd. on East Peletiu, off Cape Gloucester on Orate Place by circle deadend road.

TT 34 Lift station off Tarawa Blvd. on to Bongawville to Guam Drive in Valley between Quarters on right side of road.

M - 451 Lift station just inside Camp Johnson main gate on left beside new barracks.

SE 23 Lift station out back gate of Camp Johnson on left accross bridge approximately 200 yards.

MS 241 Lift station behind motor pool in woods at Camp Johnson.

SM 92 Oil & Water separator behind same motor pool 241 L.S. is, approximately 100 yards apart.

AS 4041 It is near the Air station PX, beside the road.

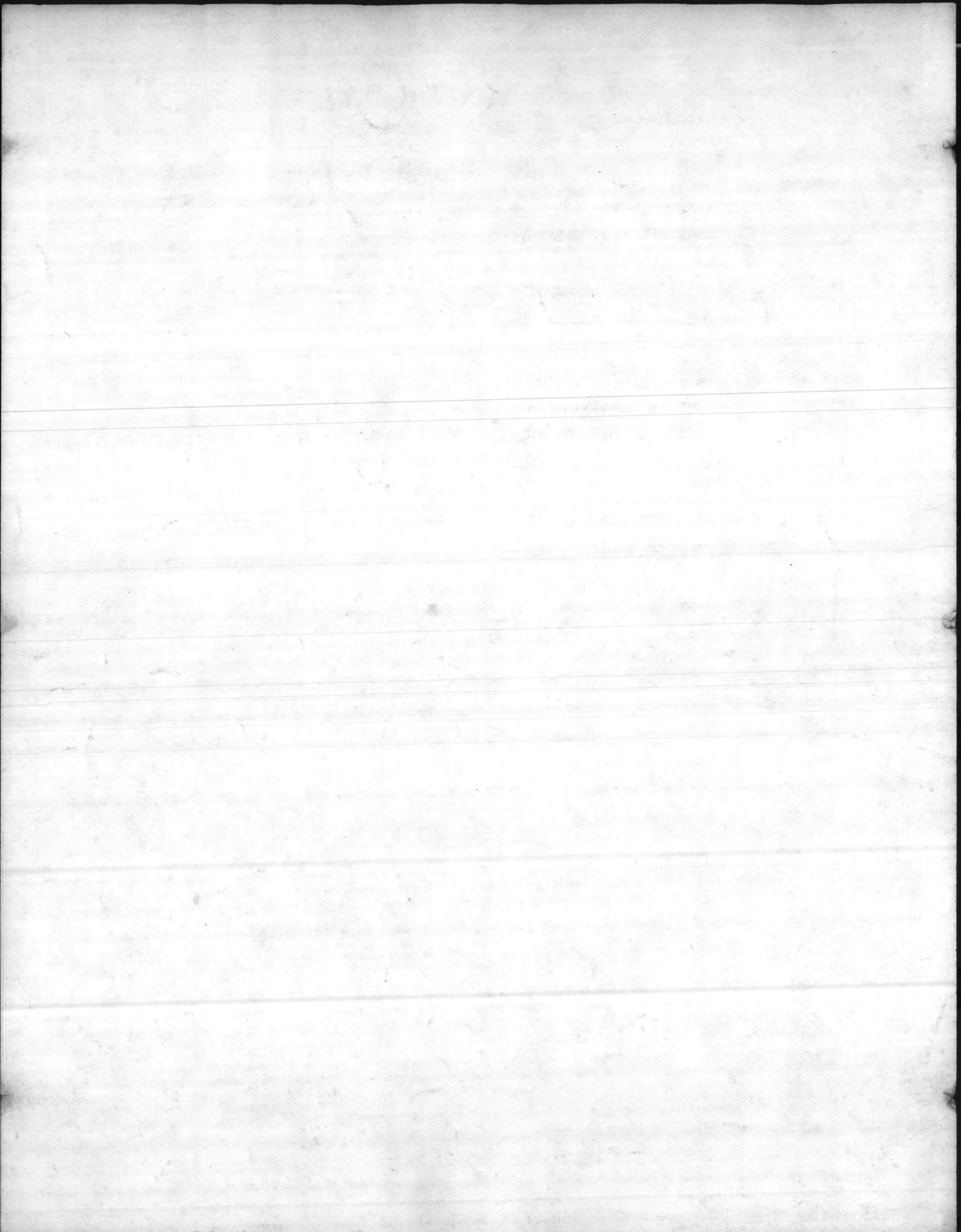
SAS 713 Saline Pond past new PX on Curtis Rd. approximately 3/4 mile on dirt road to left, pond on right 100 yds. down rd.

AS 1001 Lift station off McAvoy St. near tennis court in back of quarters.

AS 230 Lift station on McAvoy St. in back of old PX and mess hall accross from dispensary.

AS 206 Lift station off Bancroft St. near rear of Outdoor Pool - near Enlisted Club & Cafeteria.

- FC 39 Lift station on Sneads Ferry Rd. approximately $\frac{1}{2}$ mile past Gas Chamber area on right.
- GP 22 Lift station down Main Service Road toward Sneads Ferry Rd. (French Creek Area) approximately 300 yds past traffic light near SFC 116, opposite 8th Eng. Bulk Fuel Operation.
- SPG 28 Oil & Water separator directly accross from GP 22 behind Quonset Hut Bldg. 739.
- S 1859 Oil & Water separator, from stop light at Post Office, go down Main Service Road toward Sneads Ferry Road, take first left, go to last Butler Bldg. # 1808. Oil & Water separator behind building enclosed in chain link fenced area.
- S - 1455 Lift station off Louis Rd. onto Dogwood St. at end of street next to chain link fence.



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION H. P. Plant - Hadnot Point

Lift Stations included in the plants treatment system:

LIFT STATIONS BLDG. NO.

1. S-1761
2. S-1776
- 3. S-1881
- 4. S-1055
- 5. S-702
- 6. PT-41
7. 34
8. 85
9. H-29
10. S-47
11. S-47A
12. S-1948
13. S-2633
14. 2100
15. NH110
16. S-46
17. S-672
18. SFC116
19. SFC315
20. SFC599
21. SFC259
22. SFC260
23. SFC199
24. FC39
- 25. GP 22
- 26. S-1455
- 27. 855
- 28. New lift station by new car wash.

33-S-1854

34- New High School

29. NH-BOQ

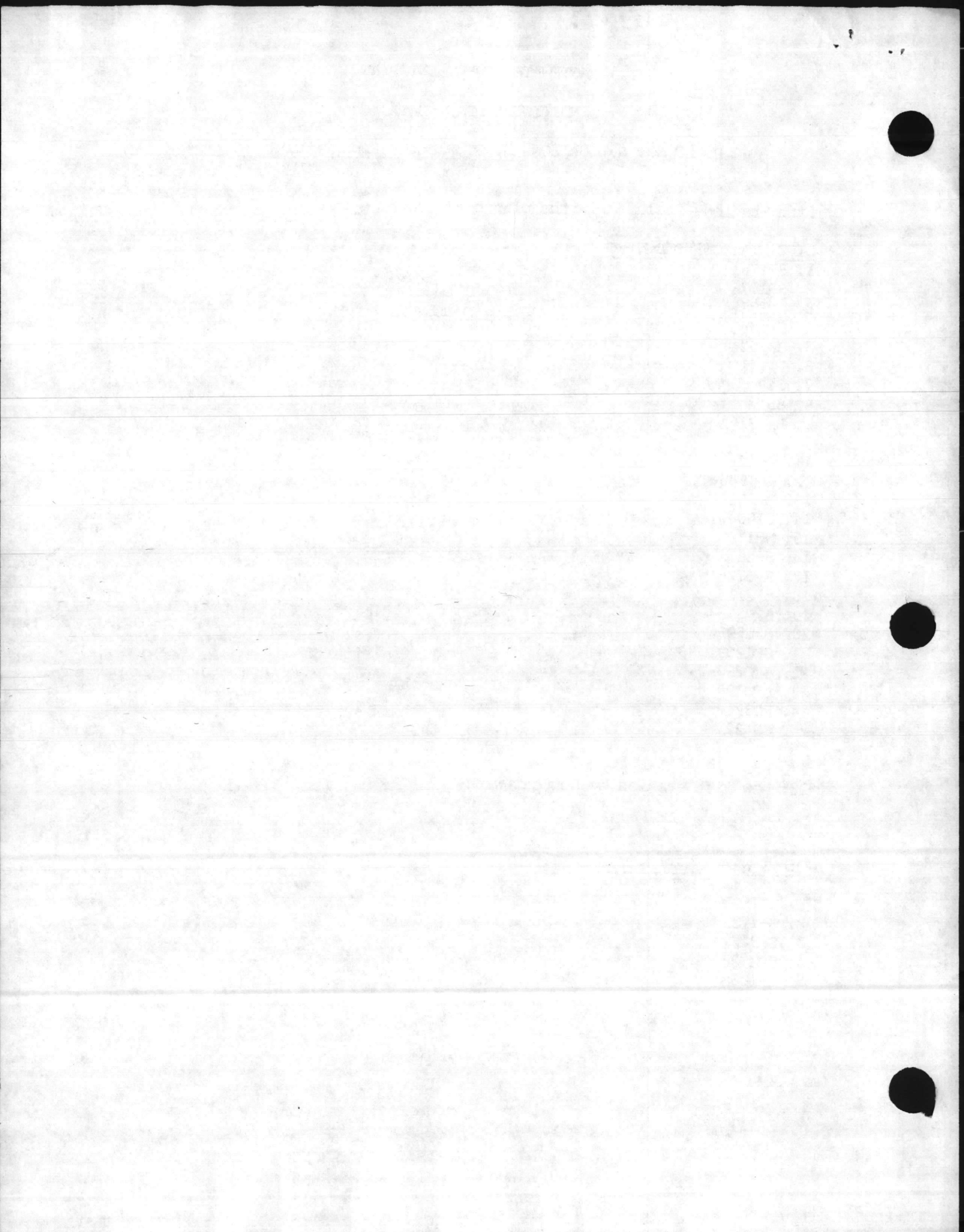
30. 712 (202000 fm 670)

31. FC-133

32. NEW H.S. BALLFIELD

OIL & WATER SEPARATORS

1. S-1882
2. S-1723
3. S-948
4. SPG 28
5. S-1859
6. FC-130



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Onslow Beach SBA-160

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

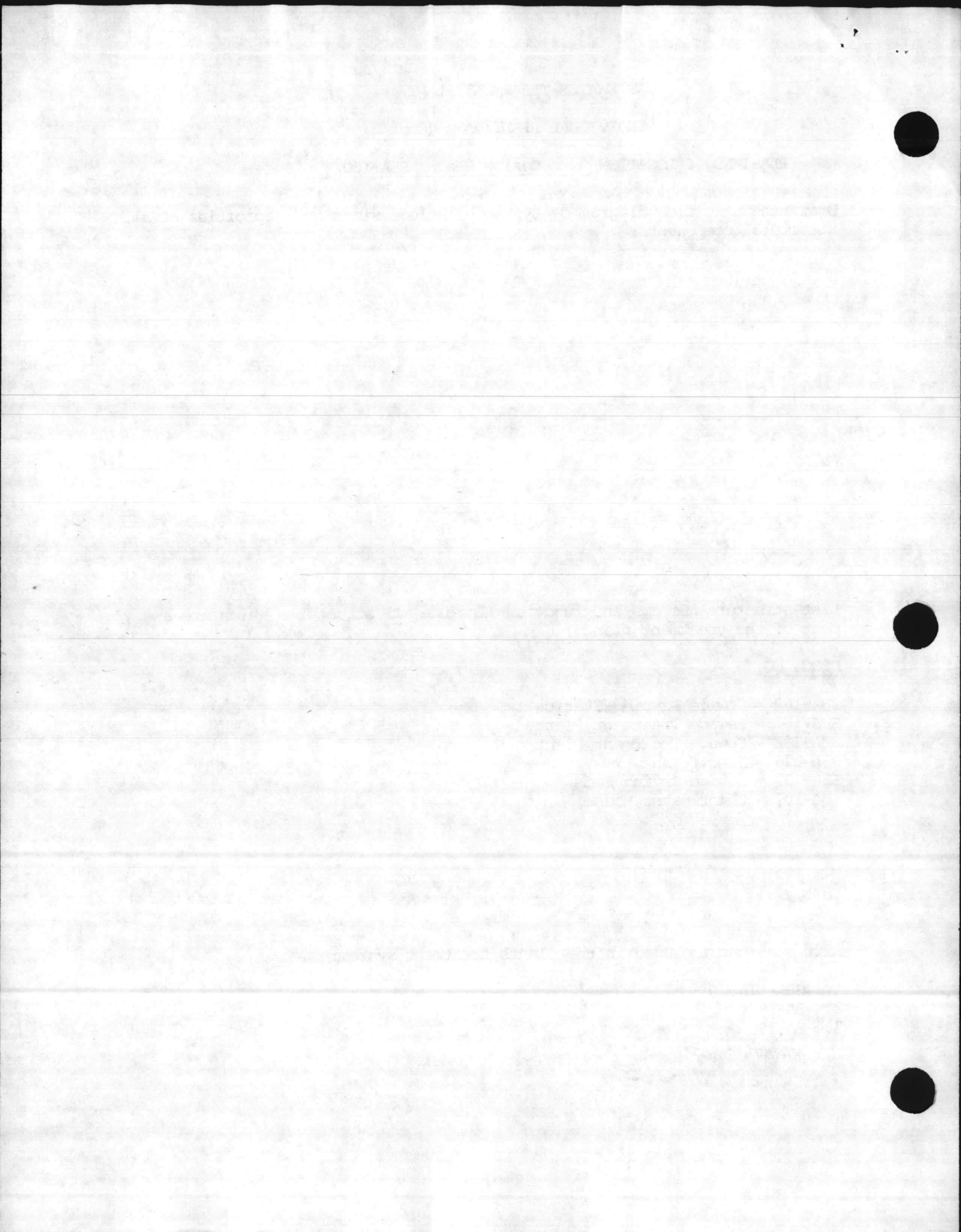
List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

SBA-160 = Sewage Pumping Station
SBA-161 = Sewage Treatment Plant
SBA-162 = Sewage Treatment Plant
SBA-126 = Imhoff Tank
SBA-127 = Sludge Drying Beds
BA-107 = Chlorinator House

Lift stations included in the plants treatment system:

1. SBA-116
2. BA-197
3. BA-198
4. MAINT. SHOP BA-130
5. DRY BED Underdrain



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Tarawa Terrace TT-35

Draw schematic flow diagrams of systems- include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.

BLDG. NO.

TT-35 = Pump Room-Office-Boiler and Sludge Pump Room

TT-36 = Lift station for filter return & secondary sludge return

STT-37 = Sludge Drying Beds (10)

TT-56 = Chlorine room and Bath room

Lift Stations included in the plants treatment system:

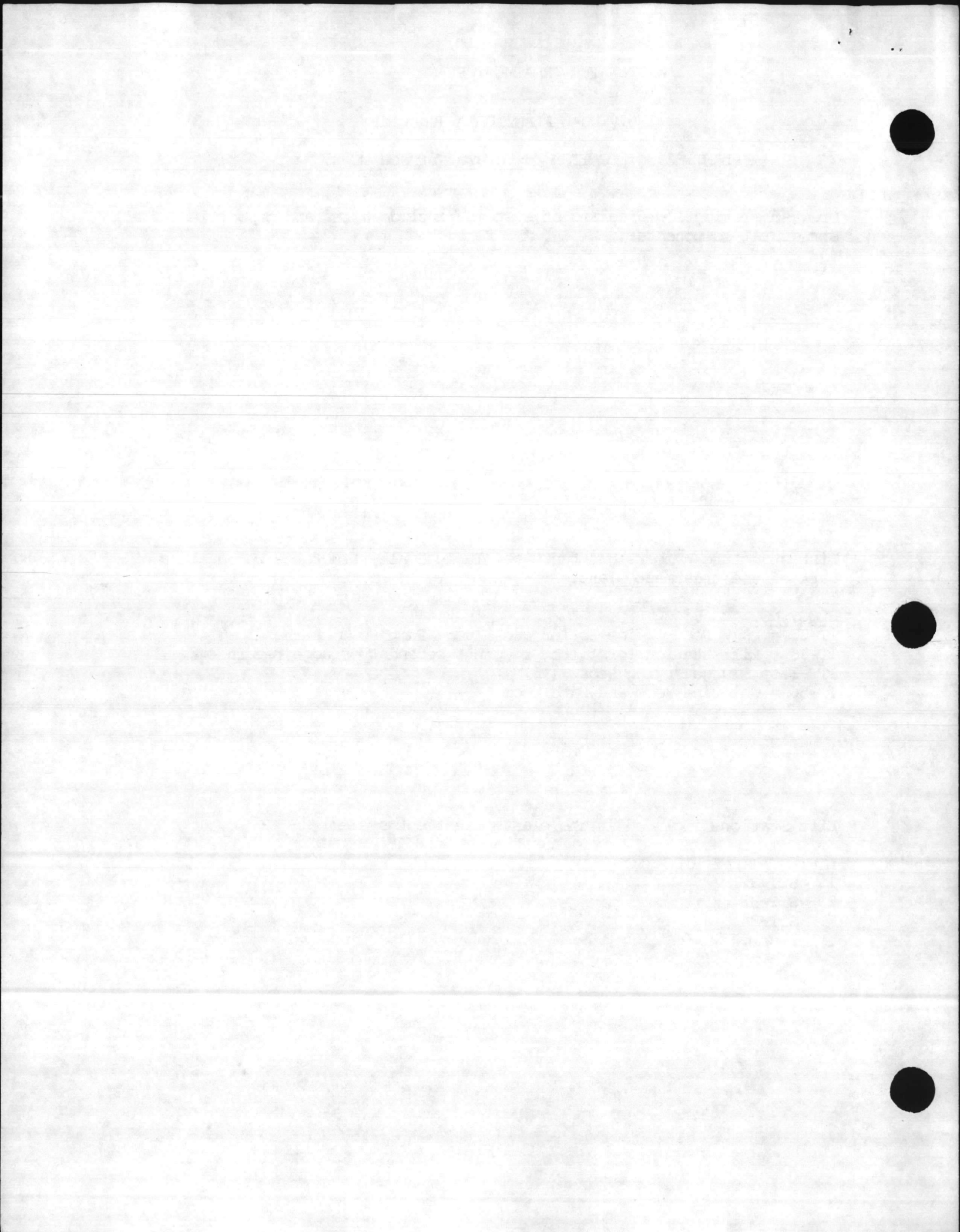
LIFT STATIONS BLDG. NO.

1. STT-32

2. STT-33

3. STT-34

4. DRY BED Underdrain



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Courthouse Bay BB-204

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

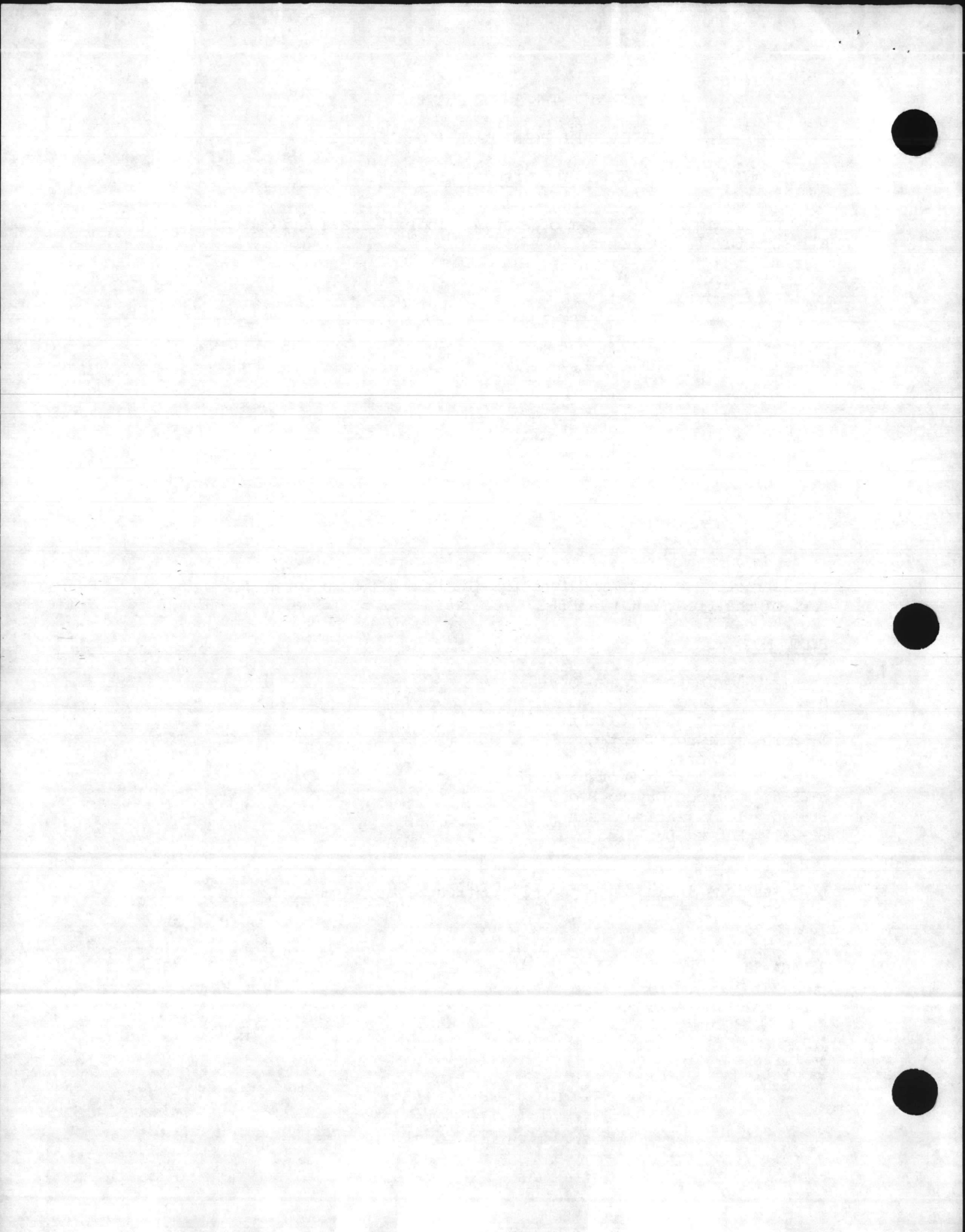
BB-4 = Chlorinator room & Office
S-BB-205 = Filter
S-BB-206 = Secondary Clarifier
S-BB-207 = Sewage Treatment Plant
S-BB-66 = Imhoff Tank
S-BB-168 = Chlorine Contact Chamber
S-BB-67 = Sludge Drying Beds
BB-240 = Equilization Basin
BB-241 = Blower Building

Lift Stations included in the plants treatment system:

1. BB-204
2. S-BB-1
3. SA-38
4. *DRY BED UNDERDRAIN*

OIL & WATER SEPARATORS

1. S-6A
2. S-6B
3. S-6C



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Camp Johnson M136

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

List structure numbers and functions (include all structures which are a part of the treatment plant.

BLDG. NO.

M-136 = Office and Tool Room

SM-137 = Chlorine Room

M-138 = Pre Chlorine Room

SM-155 = Imhoff tank

SM-156 = Imhoff tank

SM-157 = Sludge Drying Beds

SM-331 = Filter

SM-332 = Secondary Clarifier

SM-333 = Chlorine Contact Chamber

SM-334 = Pumping Station

S-136 = Pump station for Drying Bed Underdrain

Lift Stations included in the plants treatment system:

1. M241

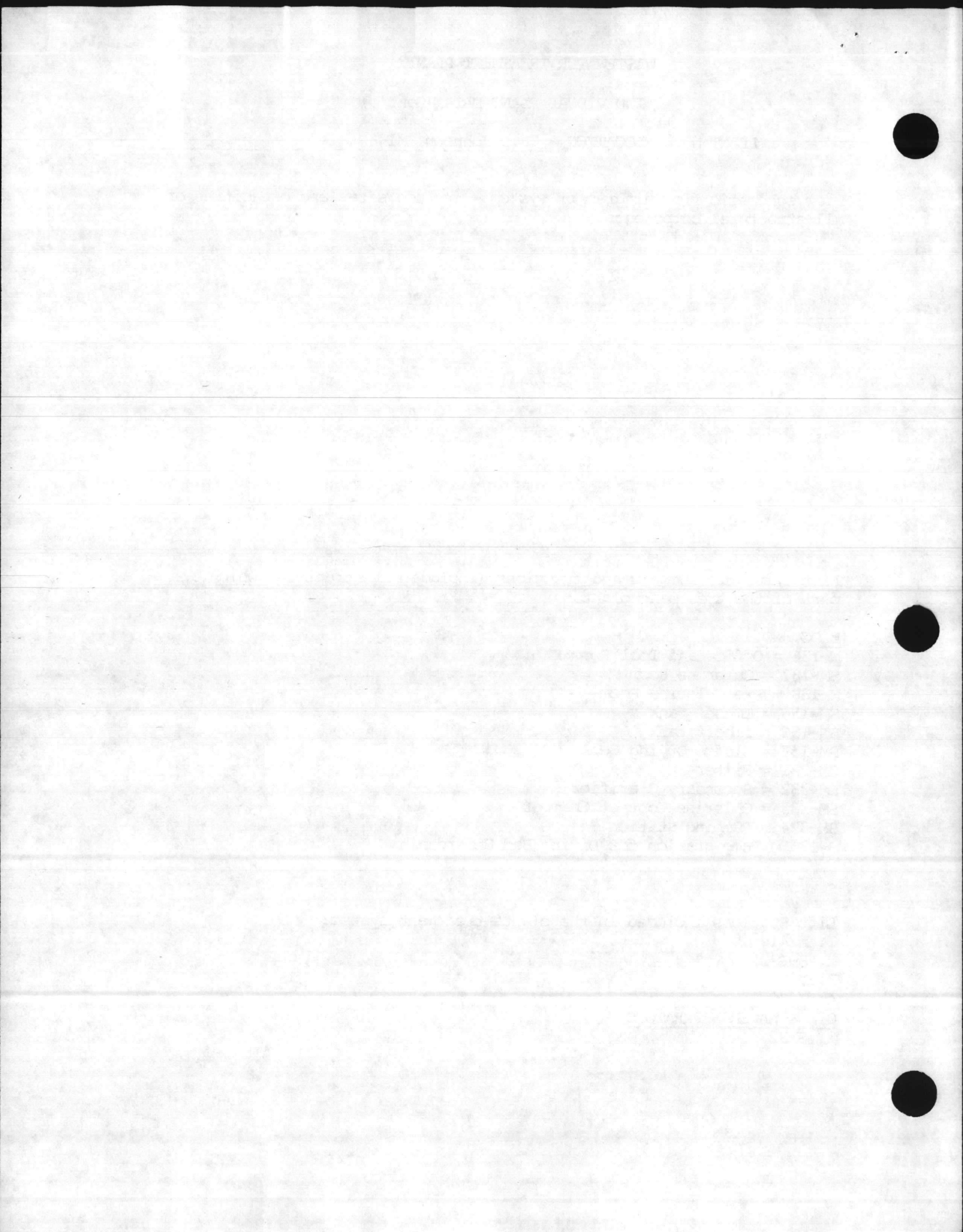
2. S-E-23

3. M451

4. M107

OIL & WATER SEPARATORS

1. SM92



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Rifle Range RR-92

Draw schematic flow diagram of system - include sizes and capacities of all structural components:

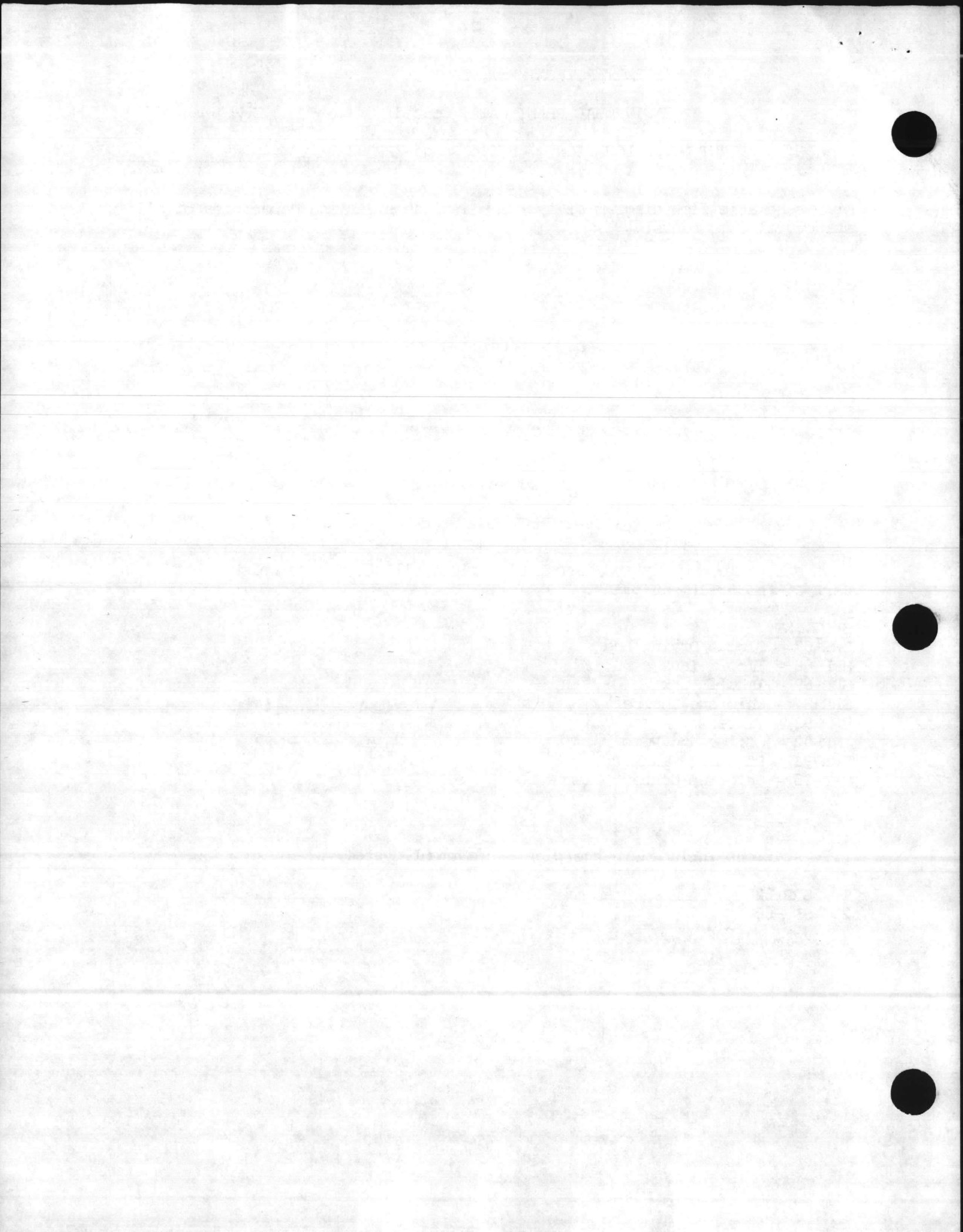
List structure numbers and function (Include all structures which are a part of the treatment plant.)

BLDG. NO.

SRR-67 = Sludge Drying Bed
SRR-68 = Imhoff Tank
SRR-69 = Imhoff Tank
SRR-87 = Chlorine Chamber
SRR-93 = Filter
RR-92 = Office and Pump room
SRR-94 = Secondary Tank
SRR-95 = Chlorine Contact Chamber

Lift stations included in the plants treatment system:

1. SRR-52
2. SRR-60
3. *Drying Bed Underdrain*



WASTEWATER TREATMENT PLANT

INDIVIDUAL PLANT DATA (Cont'd)

PLANT NO. & LOCATION Camp Geiger TC 563

Lift Stations included in the plants treatment system:

LIFT STATIONS BLDG. NO.

1. AS1001
2. AS2001
3. AS206
4. AS230
- 5. AS2808
- 6. SAS3526
7. AS4125
- 8. AS426
- 9. AS517
10. AS606
11. SAS629
12. AS850
- 13. AS902
- 14. AS4041
- 15. AS4161
16. AS852
17. AS713
18. AS4147
19. AS-160 *Maint. Shop*
20. AS-159 *Dog pound*
21. AS-4200 *Darlers Rd*
22. AS ? *ACROSS FROM AS 4147
BY NEW HANBAR*

OIL & WATER SEPARATORS

1. SAS3503
2. AS4102
3. AS515
4. AS528
5. SAS523
6. AS109
7. AS4159
- 8 AS 148
9. AS 4105
- 10 AS ? ACROS FROM AS 523

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Mac Davis - 1081 / 2069

2830

Air Station LIFT STATIONS

AS-517

AS-426

~~AS-4147~~

~~AS-4125~~

~~SAS-629~~ - ?

AS-606

AS-850

AS-852

AS-902

~~AS-2001~~

~~AS-2808~~

~~SAS-3526~~

AS-4041

~~AS-230~~

~~AS-206~~

AS-4200

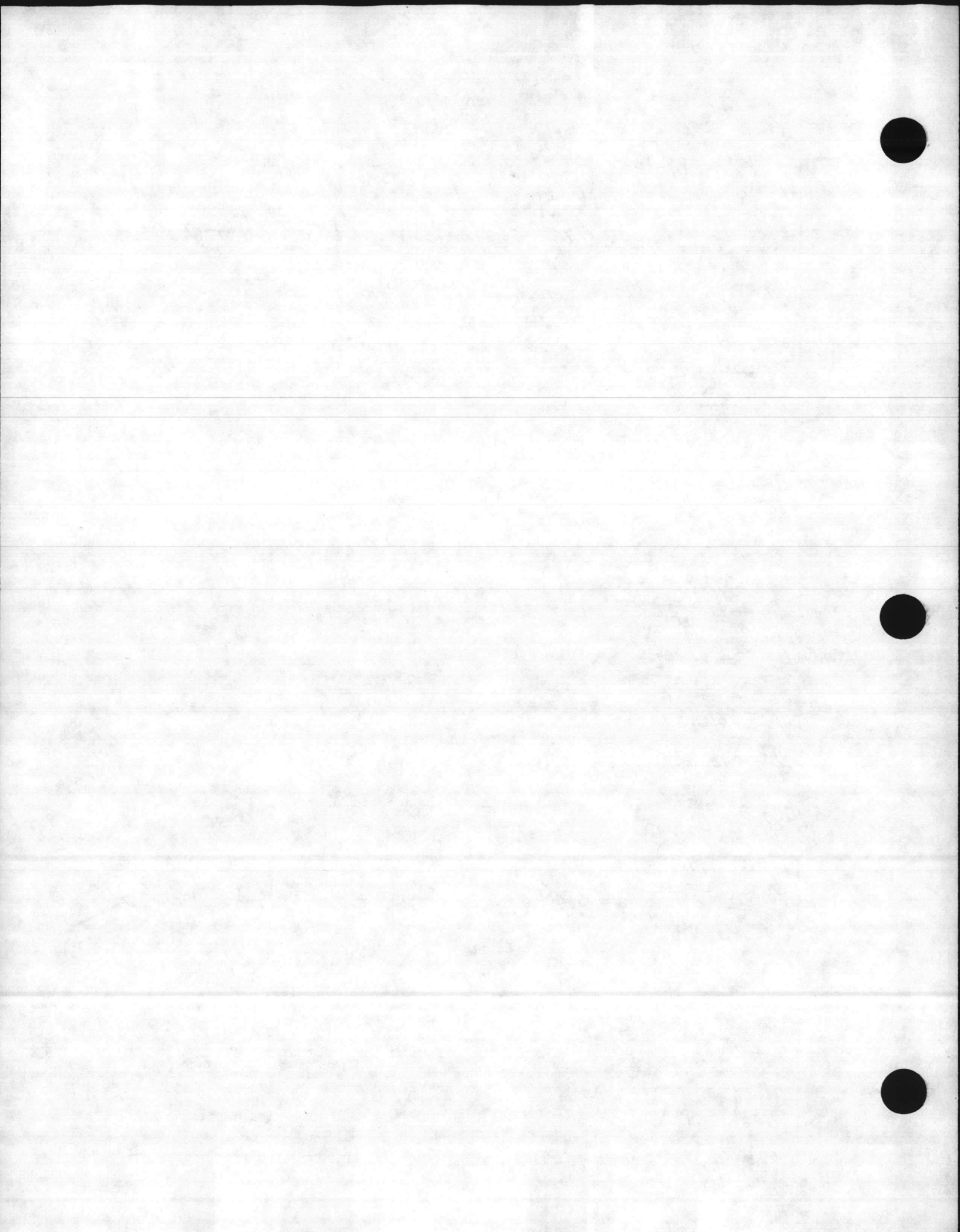
AS-4103

~~AS-233~~

Write AIR STATION Pond

VENNOA LIFT

WORKLON



Mac Davis - 1081 / 2069

2830

Air Station Lift Stations

AS-517

AS-426

~~AS-4147~~

~~AS-4125~~

~~SAS-629~~ ?

AS-606

AS-850

AS-852

AS-902

~~AS-2001~~

~~AS-2808~~

~~SAS-3526~~

AS-4041

~~AS-230~~

~~AS-706~~

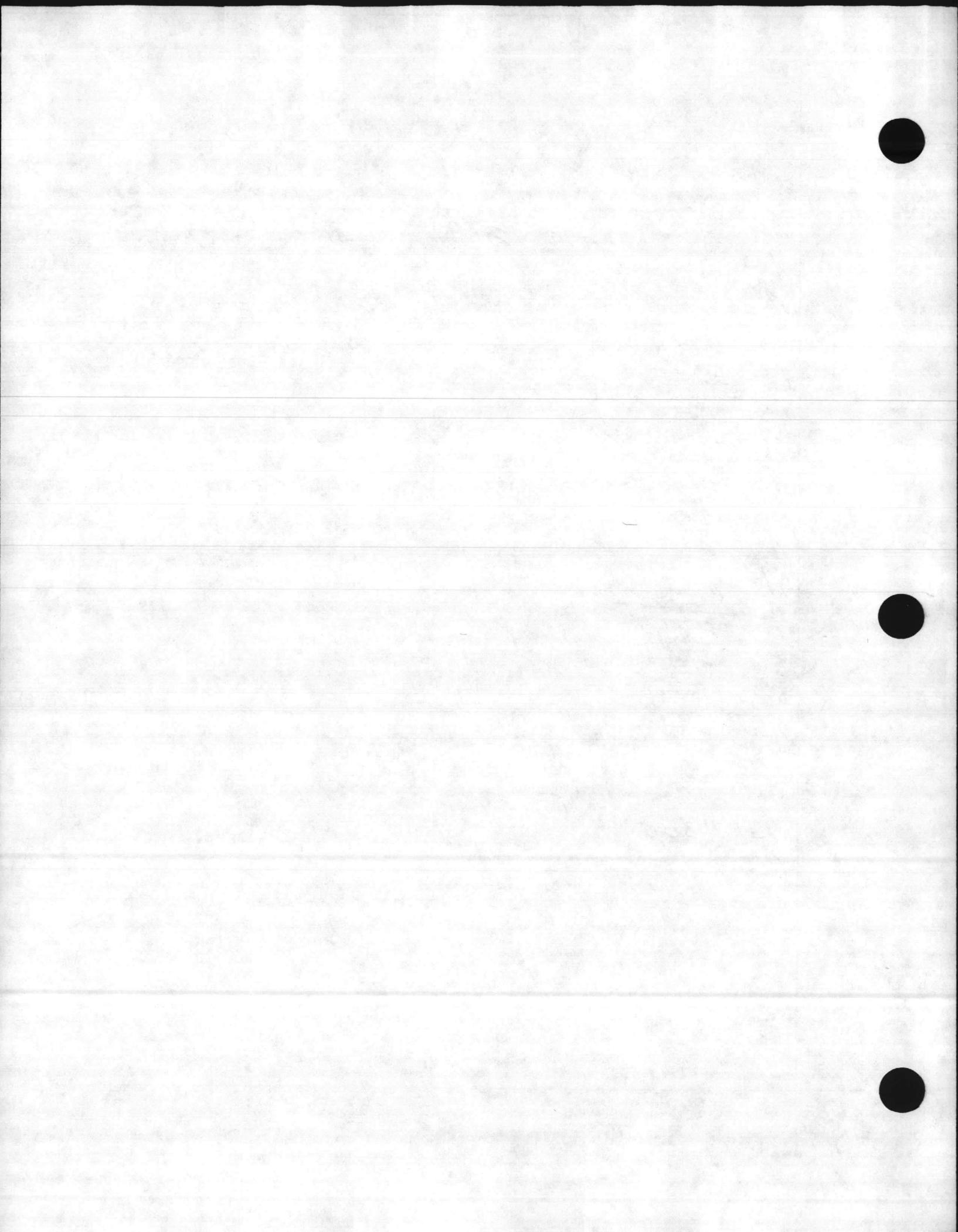
AS-4200

AS-4103

~~AS-923~~

Life Air Station Pond

Vernon lift
workshop



GAS Monitoring

1- 21

2- 680

3- LAAGON

4- SFC-260

5- S-1776

6- 575

7- S-1055

8- ~~32~~ 32 (Top entrance)

9- 32 (Basement entrance)

10- PT41

11- 85

12- H-29

13- S-47

14- S47A

15- S-1948

16- S-2633

17- 2100

18- NH110

19- S-46

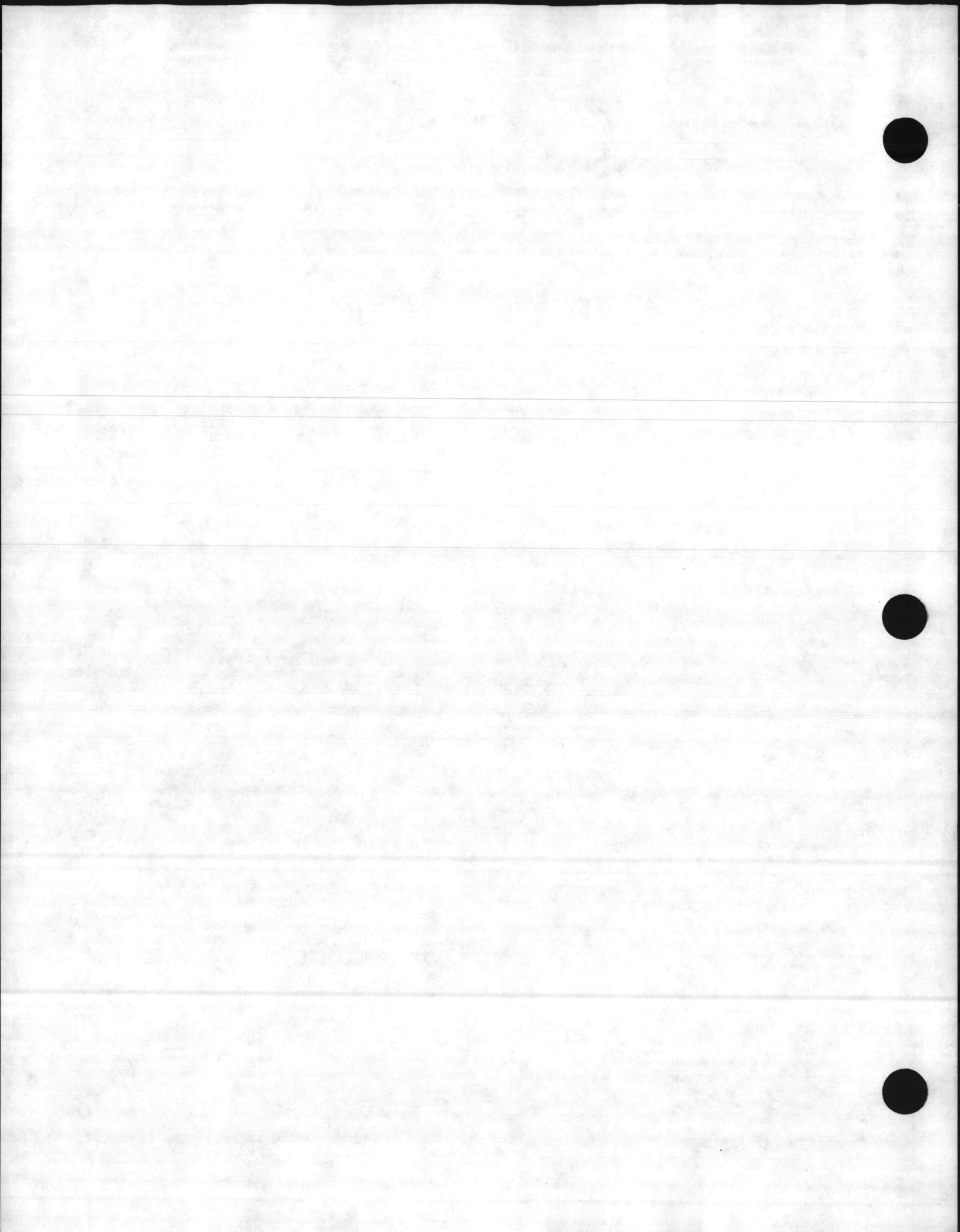
20- S-672

21- SFC116

22- SFC-315

23- SFC-599

24- SFC-199



5- FC-39

26- GP-22

27- S-1455

28- 855

29- TT-55

30- TT 33

31- TT 34

32- AS-1001

32- AS 2001

33- AS-206

34- AS-230

35- AS-4200

36- AS-3526

37- AS-4125

38- AS-426

39- AS-517

40- AS-606

41- SAS-629

(Dry well)

42- AS-850

43- AS-902

44- AS-4041

45- BB-204

Filter return well

46- TT-35

Basement

47- BB-204

sludge return well

48- SBA-116



49 - SBA-198

50 - SBA-197

51 - RR-52

52 - SA-38

53 - BB-1

54 - M-451

55 - M-241

56 - E-23

57 - TT-32

58 - Verona Loop

59 - TT 36

60 - TC 565

61 - TC-645

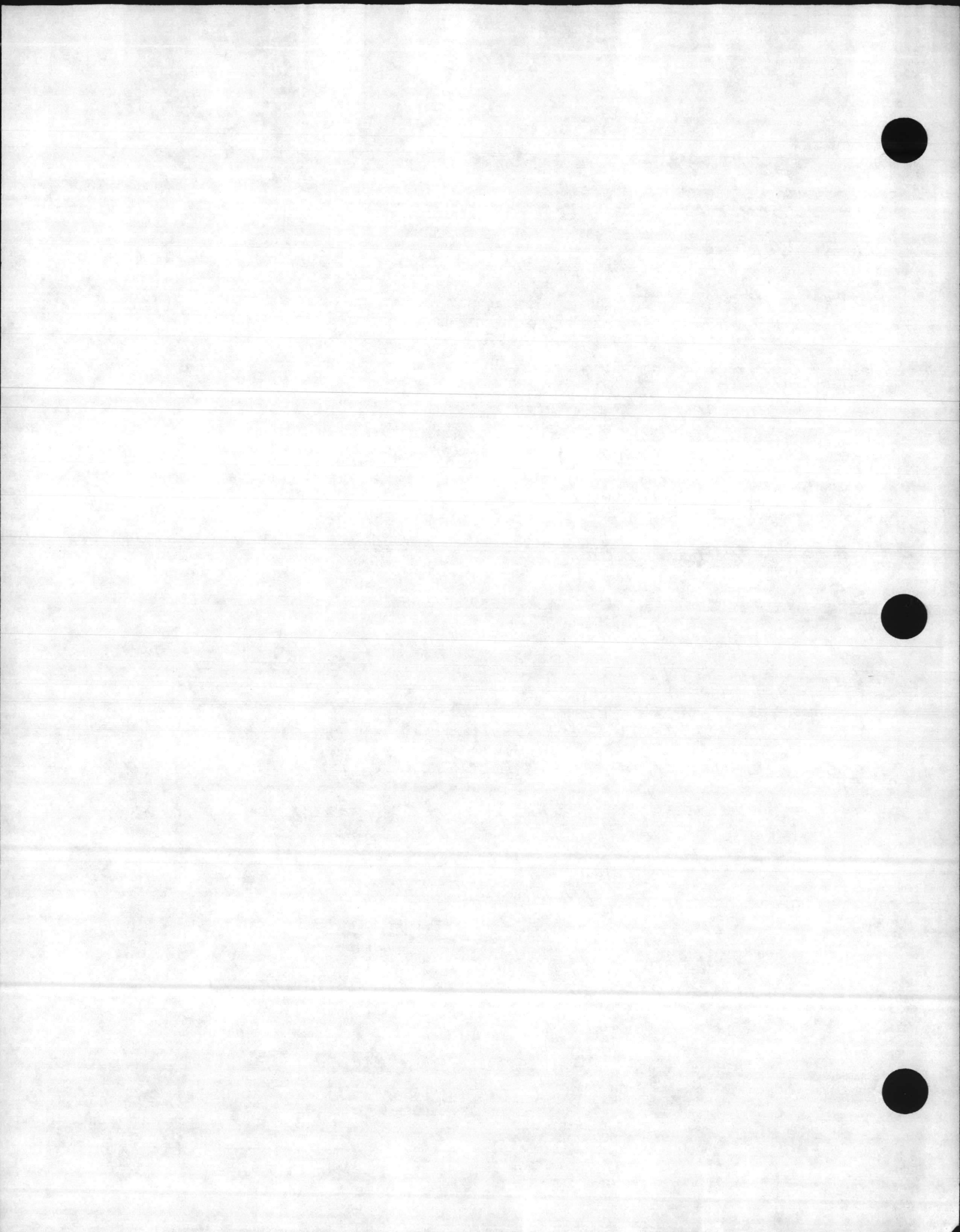
62 - BB-207 - (Filter return)

63 - S-47-A - (wrt well)

64 - New High School lift station

65 - S-LCH-4005

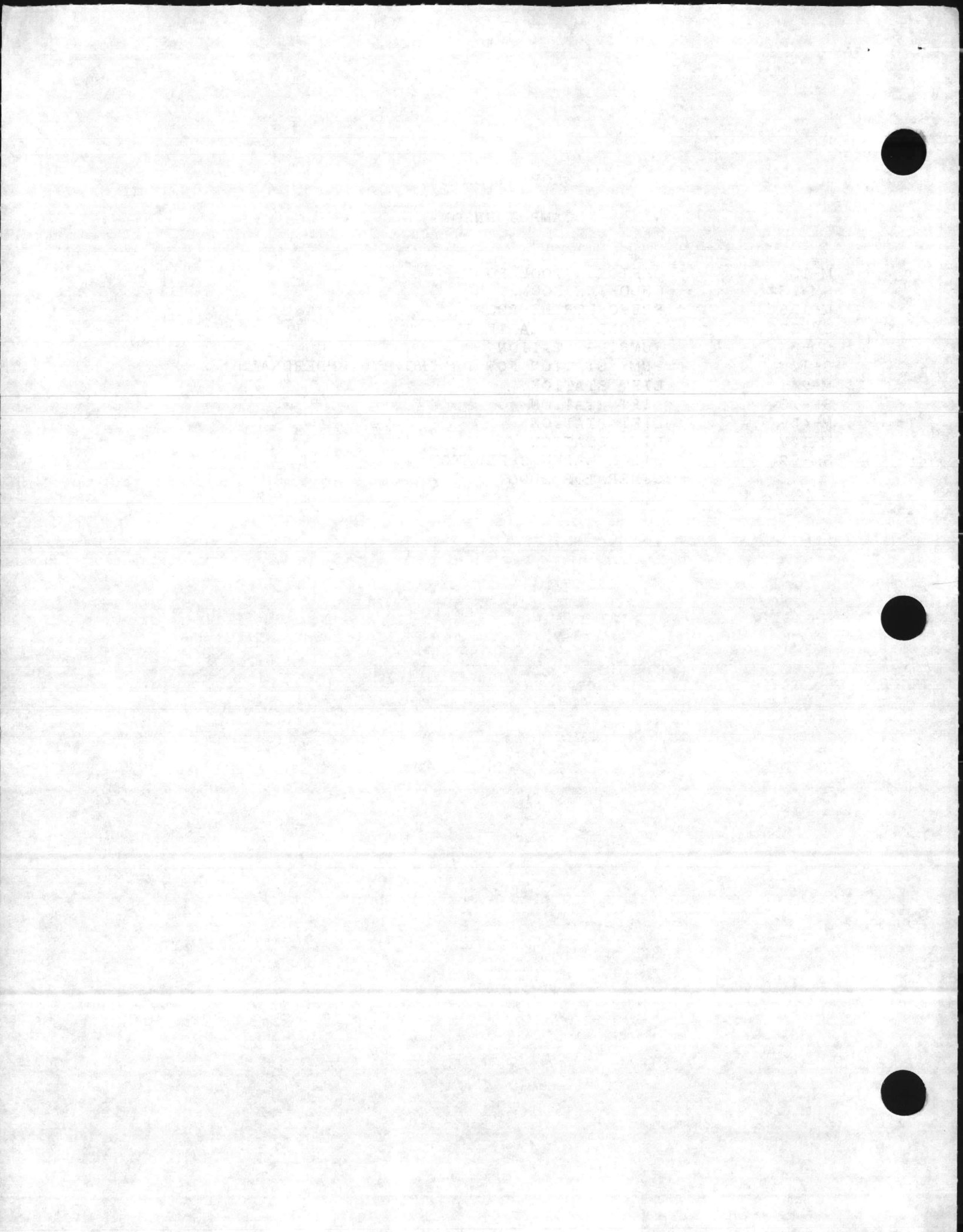
66 - AS-629 - (wrt well)



SHOP 84 BLDGS.

CAMP JOHNSON

M-136	OFFICE & TOOL ROOM
SM-137	CHLORINE ROOM
M-138	PRE-CHLORINE ROOM
SM-332	SECONDARY CLARIFIER
SM-334	PUMPING STATION
S-136	PUMP STATION FOR DRYING BED UNDERDRAIN
M-241	LIFT STATION
SE-23	LIFT STATION
M-451	LIFT STATION
M-107	LIFT STATION
SM-92	OIL & WATER SEPERATOR
	GENERATOR BLDG.



ONSLOW BEACH

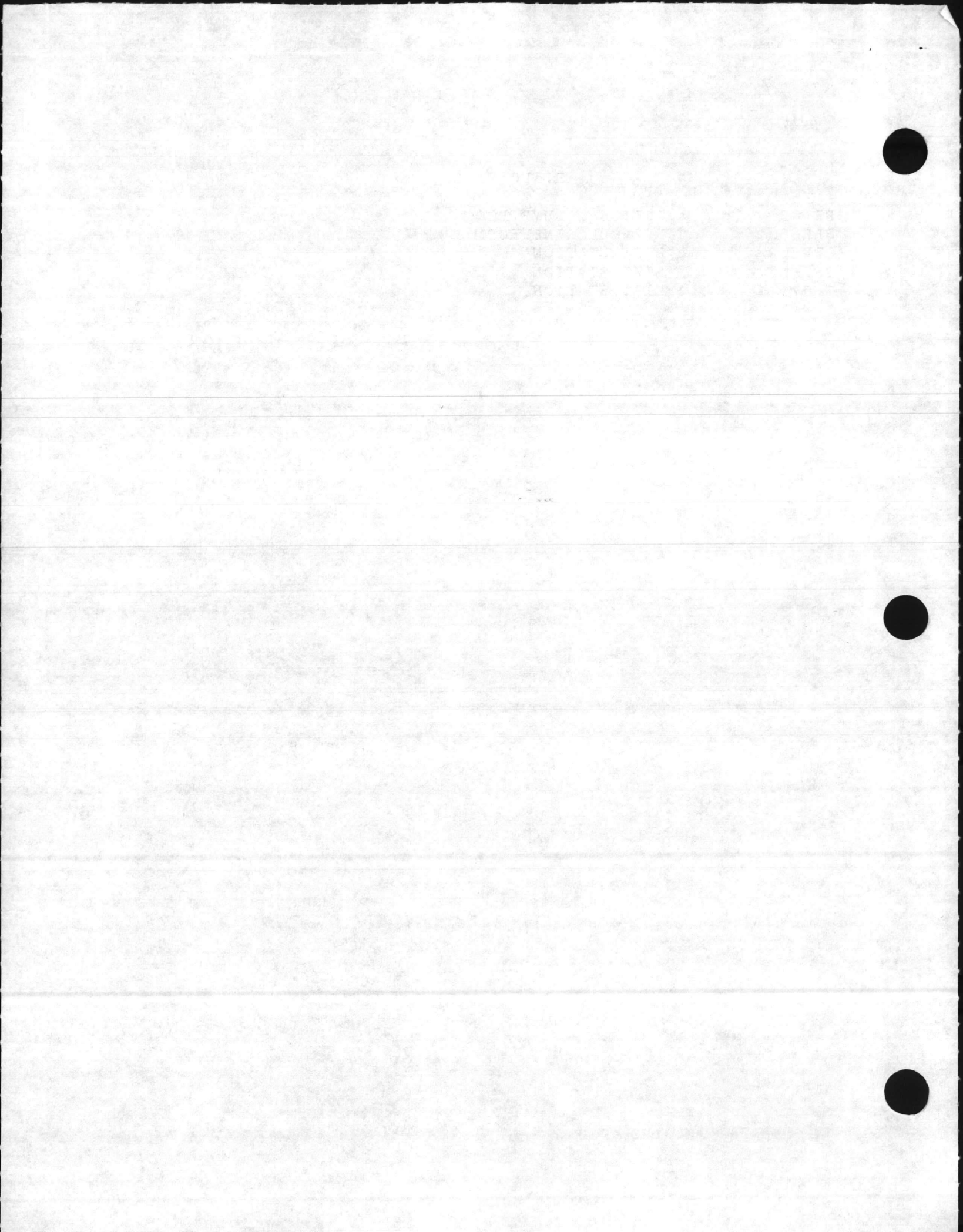
SBA-160	SEWAGE PUMPING STATION
SBA-161	SEWAGE TREATMENT PLANT
SBA-162	SEWAGE TREATMENT PLANT
BA-107	CHLORINATOR HOUSE
SBA-116	LIFT STATION
BA-197	LIFT STATION
BA-198	LIFT STATION
BA-130	OIL & WATER SEPERATOR
	GENERATOR BLDG.



RIFLE RANGE

RR-92
SRR-38
SRR-52
SRR-60
S-67

OFFICE & PUMP ROOM
PRE-CHLORINE ROOM
LIFT STATION
LIFT STATION
LIFT STATION



COURTHOUSE BAY

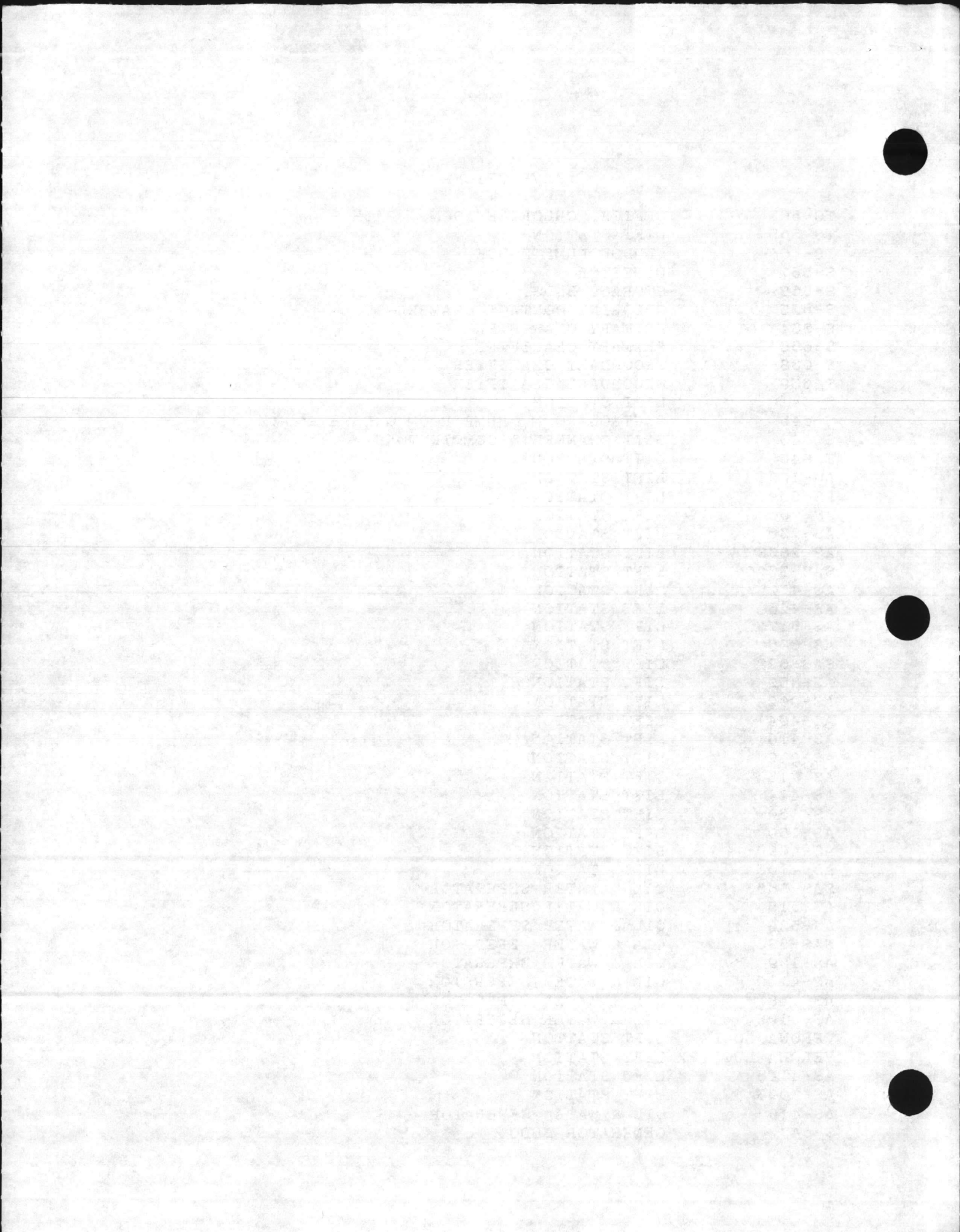
SBB-74	BLOWER & PUMP ROOM
BB-4	#2 FILTER RETURN, OFFICE & CHLORINE ROOM
SBB-207	SEWAGE TREATMENT PLANT
BB-241	POND BLOWER BLDG.
BB-240	EQUILIZATION BASIN
SBB-204	#1 FILTER RETURN, SECONDARY SLUDGE PUMP ROOM & LAB
SBB-1	LIFT STATION
SA-38	LIFT STATION
S-6-A	OIL & WATER SEPERATOR
S-6-B	OIL & WATER SEPERATOR
S-6-C	OIL & WATER SEPERATOR
S-42	OIL & WATER SEPERATOR

Small Ferry Gate (no number)



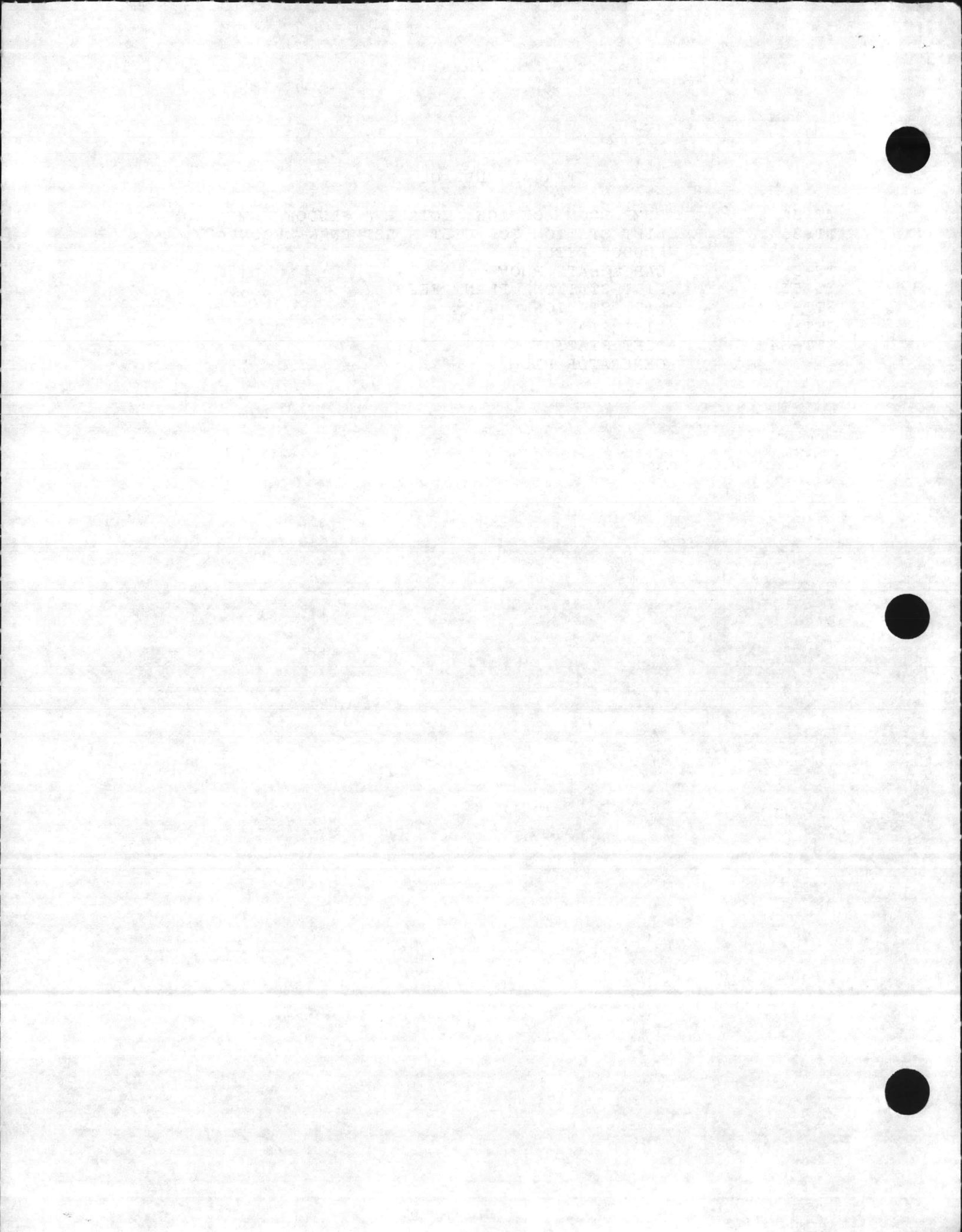
CAMP GEIGER

TC-563	OFFICE, CHLORINE ROOM & BATH ROOM
TC-565	LIFT STATION
TC-566	SLUDGE PUMP HOUSE
S-567	DIGESTOR
S-568	STORAGE BLDG.
S-633	CHLORINE CONTACT CHAMBER
S-634	PRIMARY CLARIFIER
S-635	PRIMARY CLARIFIER
S-638	SECONDARY CLARIFIER
S-639	SECONDARY CLARIFIER
S-641	LIFT STATION
S-645	CONTROL ROOM, PUMP ROOM & BATH ROOM
S-643	GRIT CHANNEL & COMMINUTORS
S-646	LIFT STATION
AS-1001	LIFT STATION
AS-2001	LIFT STATION
AS-206	LIFT STATION
AS-230	LIFT STATION
AS-2808	LIFT STATION
SAS-3526	LIFT STATION
AS-4125	LIFT STATION
AS-426	LIFT STATION
AS-517	LIFT STATION
AS-606	LIFT STATION
SAS-629	LIFT STATION
AS-850	LIFT STATION
AS-902	LIFT STATION
AS-4041	LIFT STATION
AS-4161	LIFT STATION
AS-852	LIFT STATION
AS-713	LIFT STATION
AS-4147	LIFT STATION
AS-160	LIFT STATION
AS-159	LIFT STATION
AS-4200	LIFT STATION
AS-4103	LIFT STATION
SAS-3503	OIL & WATER SEPERATOR
AS-515	OIL & WATER SEPERATOR
AS-528	OIL & WATER SEPERATOR
SAS-523	OIL & WATER SEPERATOR
AS-109	OIL & WATER SEPERATOR
AS-4159	OIL & WATER SEPERATOR
AS-148	OIL & WATER SEPERATOR
AS-4105	OIL & WATER SEPERATOR
VERONA LOOP	LIFT STATION
VERONA LOOP PX	LIFT STATION
AS-4143	LIFT STATION
AS-3003	LIFT STATION
AS-4102	OIL & WATER SEPERATOR
S-647	GENERATOR BLDG.



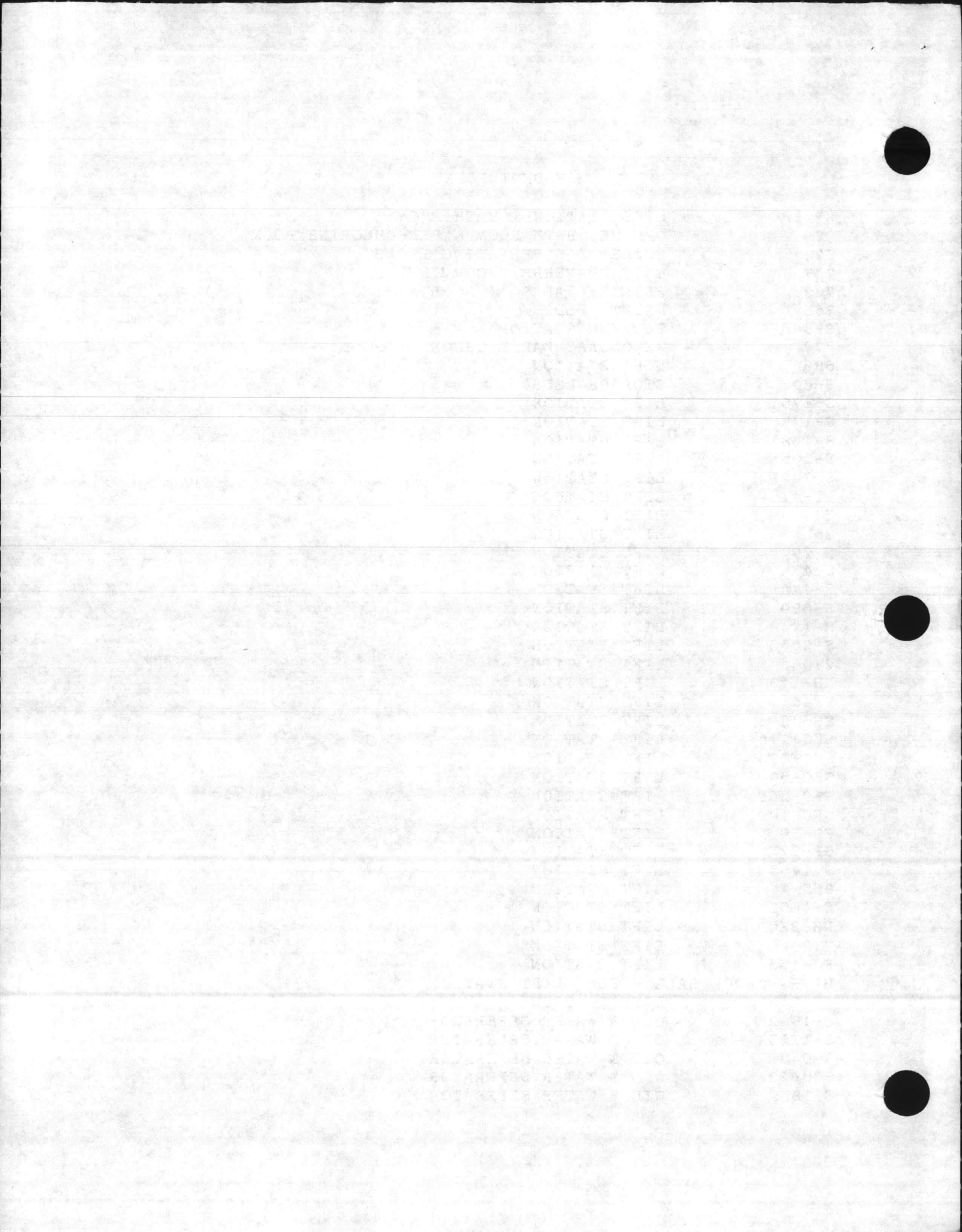
TARAWA TERRACE

TT-35	PUMP ROOM, OFFICE, BOILER & SLUDGE PUMP ROOM
TT-36	LIFT STATION FOR FILTER RETURN & SECONDARY SLUDGE RETURN
TT-56	LAB & BATH ROOM
TT-55	LIFT STATION (PLANT FEED)
STT-32	LIFT STATION
STT-33	LIFT STATION
STT-34	LIFT STATION GENERATOR BLDG



HADNOT POINT

21	LIFT STATION & BATH ROOM
22	OFFICE. BATH ROOM & PRE-CHLORINE ROOM
32	BOILER & SUPERNATING ROOMS
737	GRIT CHAMBERS & COMMINUTORS
719	PRIMARY TANKS (8 PRIMARIES)
765	MAINT. BLDG.
S-686	PUMPING STATION
679	SECONDARY LAB & CHLORINE ROOM
680	LIFT STATION
S-697	STORAGE BLDG.
S-1761	LIFT STATION
S-1776	LIFT STATION
S-1881	LIFT STATION
S-1055	LIFT STATION
S-702	LIFT STATION
PT-41	LIFT STATION
34	LIFT STATION
85	LIFT STATION
H-29	LIFT STATION
S-47	LIFT STATION
S-47A	LIFT STATION
S-689	LIFT STATION
S-1948	LIFT STATION
S-2633	LIFT STATION
2100	LIFT STATION
NH-110	LIFT STATION
S-46	LIFT STATION
S-672	LIFT STATION
SFC-116	LIFT STATION
SFC-315	LIFT STATION
SFC-599	LIFT STATION
SFC-259	LIFT STATION
SFC-199	LIFT STATION
FC-39	LIFT STATION
GP-22	LIFT STATION
S-1455	LIFT STATION
855	LIFT STATION
S-1053	LIFT STATION
NH-BEQ	LIFT STATION
712	LIFT STATION
FC-133	LIFT STATION
HIGH SCHOOL BALL FIELD	LIFT STATION
1343	LIFT STATION
S-1882	OIL & WATER SEPERATOR
S-1723	OIL & WATER SEPERATOR
S-948	OIL & WATER SEPERATOR
SPG-28	OIL & WATER SEPERATOR
S-1859	OIL & WATER SEPERATOR



FC-130	OIL & WATER SEPERATOR
S-1854	LIFT STATION
NEW HIGH SCHOOL	LIFT STATION
575	LIFT STATION
1328	LIFT STATION
913	LIFT STATION
	GENERATOR BLDG

NEW HIGH SCHOOL
KOPPEL HIGH WAY
FT. SANDS ON
GEARAGE BLDG