



SYMBOLS	BASIN	WATER LEVELS	EACH TRAIN	CAPACITY TOTAL
AER A-	AERATION	8'-9"	116,370 GAL.	232,740 GAL.
AER B-	AERATION	8'-9"	23,840 GAL.	47,680 GAL.
CLAR-	CLARIFIER	8'-9"	48,188 GAL.	96,376 GAL.
CCC-	CHLORINE CONTACT CHAMBER	7'-6"	6,522 GAL.	13,044 GAL.
ASH A-	AERATED SLUDGE HOLDING	9'-3"	21,449 GAL.	42,898 GAL.
ASH B-	AERATED SLUDGE HOLDING	9'-3"	8,043 GAL.	16,086 GAL.
			674 S.F.	
			6,522 GAL.	
			21,449 GAL.	
			8,043 GAL.	

- 1- WALL SUPPORT TEE (CONCRETE)
- 2- WALL SUPPORT/TIE (CONCRETE)
- 3- PARTITION/BAFFLE (CONCRETE)
- 4- FLOWPORT/PIPE
- 5- BLOWER ASSEMBLY
- 6- AIR DIFFUSER
- 7- AIR BUBBLER
- 8- SLUDGE AIRLIFT ASSEMBLY
- 9- SLUDGE RETURN LINE (RAS)
- 10- SLUDGE WASTE LINE (WAS)
- 11- SKIMMER TROUGH, INLET
- 12- SKIMMER TROUGH, EFFLUENT
- 13- SKIMMER DISCHARGE PIPING
- 14- WEIR BOX/TROUGH ASSEMBLY
- 15- SCUM BAFFLE
- 16- WEIR DISCHARGE PIPING
- 17- MIXING TUBE
- 18- V NOTCH WEIR
- 19- SUPERNATANT RETURN OVERFLOW
- 20- SUPERNATANT RETURN AIRLIFT
- 21- CHLORINATOR
- 22- ENCLOSED
- 23- SLUDGE COLLECTION BOX
- 24- FLOWMETER
- 25- SCRAPER DRIVE ASSEMBLY
- 26- SCRAPER SPROCKET
- 27- SCRAPER DRIVE SHAFT
- 28- SCRAPER CHAIN
- 29- SCRAPER FLIGHT
- 30- CONTROL PANEL (ELECTRICAL)
- 31- BARSREEN
- 32- FLOW SPLITTER BOX

- A — AIR LINE
- AIR CONTROL BALL VALVE
- WEIGHTED, PRESSURE RELIEF VALVE
- CHECK VALVE
- GATE VALVE
- FLOW DIVERSION GATE
- AIR DIFFUSER ASSEMBLY
- AIR BUBBLER ASSEMBLY
- ELECTRICAL/CONTROL PANEL