

GENERAL NOTES:

- A. VERTICAL ELEVATIONS ARE BASED ON NAVD 88 DATUM.
- B. 100-YEAR FLOOD 74.11 } (DRAFT FEMA MAP, JUNE 2005)  
500-YEAR FLOOD 75.60 }
- C. DATUM: SITE ELEVATIONS ARE BASED ON NORTH AMERICAN  
VERTICAL DATUM OF 1988 (NAVD 88). NAVD88 + 3.57 FT.  
= METRO DATUM "0" = PLANT DATUM "100.00"

KEY NOTES:

- ① HEADWORKS FLOWS FROM CITY VACUUM SEWER INFLUENT PUMP STATION (OWNED AND OPERATED BY OTHERS) IS 1.4 MGD CAPACITY. FLOW IS INTERMITTENT. ENERGY GRADE LINE AT WWTF PROPERTY LINE APPROXIMATELY 98.0± MIN.
- ② TOP OF BAFFLE WALL AT SHALLOW SECTION  
TOP OF BAFFLE WALL AT DEEP SECTION

	Q <sub>1</sub>	Q <sub>2</sub>	Q <sub>3</sub>
AVG STARTUP FLOW (MGD)	0.21	0.21	0.0045
PEAK DESIGN FLOW (MGD)	1.4	1.29	0.0203

- ③ Q<sub>1</sub> = FLOW FROM INFLUENT PUMP STATION.  
Q<sub>2</sub> = FLOW FROM PERMEATE PUMPS.  
Q<sub>3</sub> = FLOW TO SOLIDS HOLDING BASIN.
- ④ ELEVATION ASSUMES 2 FEET OF FREEBOARD. TANK TO BE PROVIDED BY MBR MANUFACTURER.
- ⑤ SEE C801 FOR ADDITIONAL DETAILS.
- ⑥ ONE STANDBY UNIT / TRAIN PROVIDED.

