

SCALE 1" = 20'

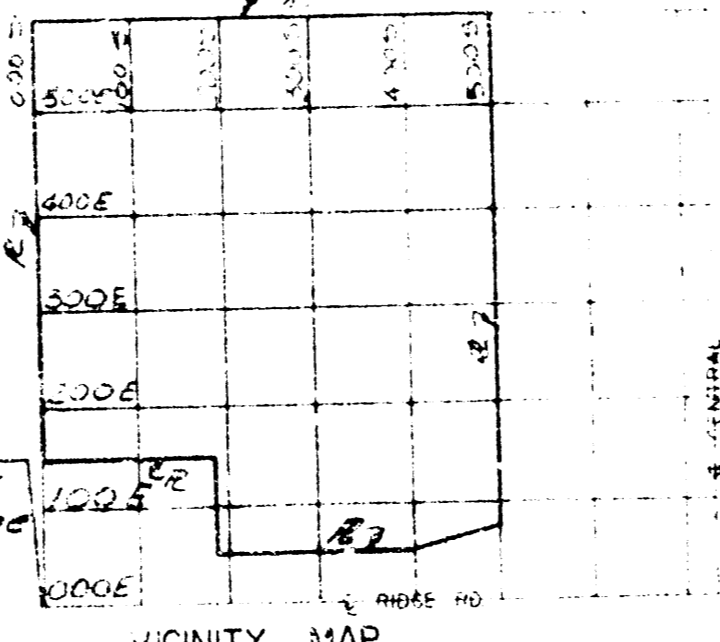
**A SECTION THRU LAKE**

**Notes:**  
 1. Flexible membrane shall be a vinyl polyethylene 30 mils thick, 20 lbs/sq. ft. 4.5 min. minimum lap joint with sufficient overlap to allow for bonding. Where detail be used to seal factory fabricated panels of PVC together in field the membrane liner shall be joined to the 8" RCP with a vinyl to concrete adhesive.  
 2. Bentonite sealer may be used in lieu of the membrane liner. Bentonite shall be applied at a rate of 1 lbs. sq. ft. and shall be raked or a steel probe a minimum of 6 times in depth.

**B SECTION THRU R.C.P.**

**8" RCP CONCRETE ENCASUREMENT**  
 PIPE: CLASS IV RCP  
 CONCRETE: FC = 4000 PSI

**BOTTENBERG**  
 A.P.S. Storm Water Sewer  
 Private Project  
 PROFESSIONAL ENGINEER & ARCHITECTS  
 DALLAS, TEXAS



NOTE: 200'S  
 200'S & 100'S  
 RAIN PROP LINE  
 EXTENDED

Install 178 8" RCP  
 Install 8" 1" pipe  
 and sections @  
 5' MIN. Spac.

270 5144E =  
 118250 18 RCP

3-7' x 2' x 3/4" RCB  
 EXIST. E = 123.27

DWS = 126.00  
 BOTTOM OF LAKE =  
 123.00

