

SCALE 1"=10'

CMAPS 15345

* EXACT ONLY WHEN END AREAS ARE EQUAL

* NOTE
CHANGED WIDTH OF
BREAST FROM 16 TO 18"

$$V = \frac{1}{2^{\frac{1}{2}}} \left[\frac{A_1 + A_2}{G} m + B_c \right] \quad A_1 = 144 \text{ ft}^2$$
$$= \frac{306}{2^{\frac{1}{2}}} \left[\frac{144 + 1(187) + 304}{G} \right] \quad A_m = 187 \text{ ft}^2$$
$$\quad \quad \quad A_2 = 304 \text{ ft}^2$$
$$\#11 \left[\frac{144 + 148 + 304}{G} \right]$$
$$= \#11 [197.3] = P219.6 \text{ yd}^3$$

PLATE 4 CROSS SECTION - PLAN
CHARLES BRUNING COMPANY
MADE IN U.S.A.

VOLUME CALCULATIONS - SLUDGE BEDS
SCALE 1" = 10'
RFJUBIE