

SPRINKLE FED #2

DRAINAGE CALCULATIONS

$$\phi = 10.3 \%$$

$$h = 23$$

$$S_w = 48.5 \%$$

$$b_t = 1.483 \text{ RB/STB}$$

$$R.F. = 12 \%$$

For 40 acres

$$R = \frac{7758 (.103) (1-.485) (23) (40) (.12)}{1.483}$$

$$R = 30,635 \text{ BBL}$$

