



1650 sq ft x 4.5ft = 7400:2 (slope)
= 3700 cubic feet
assuming 299 ft as existing average

4400 sq ft x 2.5ft = 11000 cubic feet
assuming 292 ft as existing average

3000 sq ft x 5.5ft = 16500 cubic feet
assuming 294 ft as existing average

Pool Itself

649 cu ft x 2ft deep = 1300 cu ft : 2
(slope) = 649 cu ft

2500sq ft x 4ft deep = 10000 cu ft

2100 sq ft x 6ft
deep = 12600 cu ft

1400 sq ft x 5ft
deep = 7000 cu ft

Swimming 2500 sq ft
Wading 650 sq ft
Regeneration 2145 sq ft
Regeneration Dry 550 sq ft

FILL 2225 sq ft x 3.5ft = 7800 cubic feet
assuming BW 286 ft as existing average

Drainage trench

86'-4"

44'-4"

40'-11"

88'-2"

20'-3"

38'-2"