PALOS VERDES LOT #14

Number of Bedrooms/Proposed Daily Flow: **(4) / 480gpd**
Proposed LTAR: **0.30gpd/ft2 (Initial); 0.25gpd/ft2 (Repair)**
Water Source: **Private Well**
Building Envelope: **70' X 60'**
Building Setbacks: **35' (front & rear), 15' (side)**
Proposed System Type: **Innovative 25% Reduction**
Distribution Method: **Pressure Manifold**
Pressure Head: **2'**
Flow per Tap: **7.11gpm**
Hole Size & Material: **5/32" SCH 40 PVC Taps**
System Flow: **35.55gpm**
Dosing Volume: **183gal**
Elevation Head: **10.1'**

LINE	LENGTH	ELEVATION
Y1	***80***	***2.5'***
R2	***80'***	***2.9'***
Y3	***80'***	***3.5'***
R4	***80'***	***4.1'***
Y5	***80'***	***4.3'***
R6	80'	4.8'
Y7	80'	5.4'
R8	80'	6.1'
Y9	80'	6.3'
R10	80'	6.8'
Y11	80'	7.3'

House Corner (Rear Left)	8.2'
Pump Tank	7.6'
Bench Mark (top of ground @stake)	1.1'

Initial System: Y1 through Y5 = 400'

Repair System: R6 – Y11 = 480', Innovative 25% Reduction