

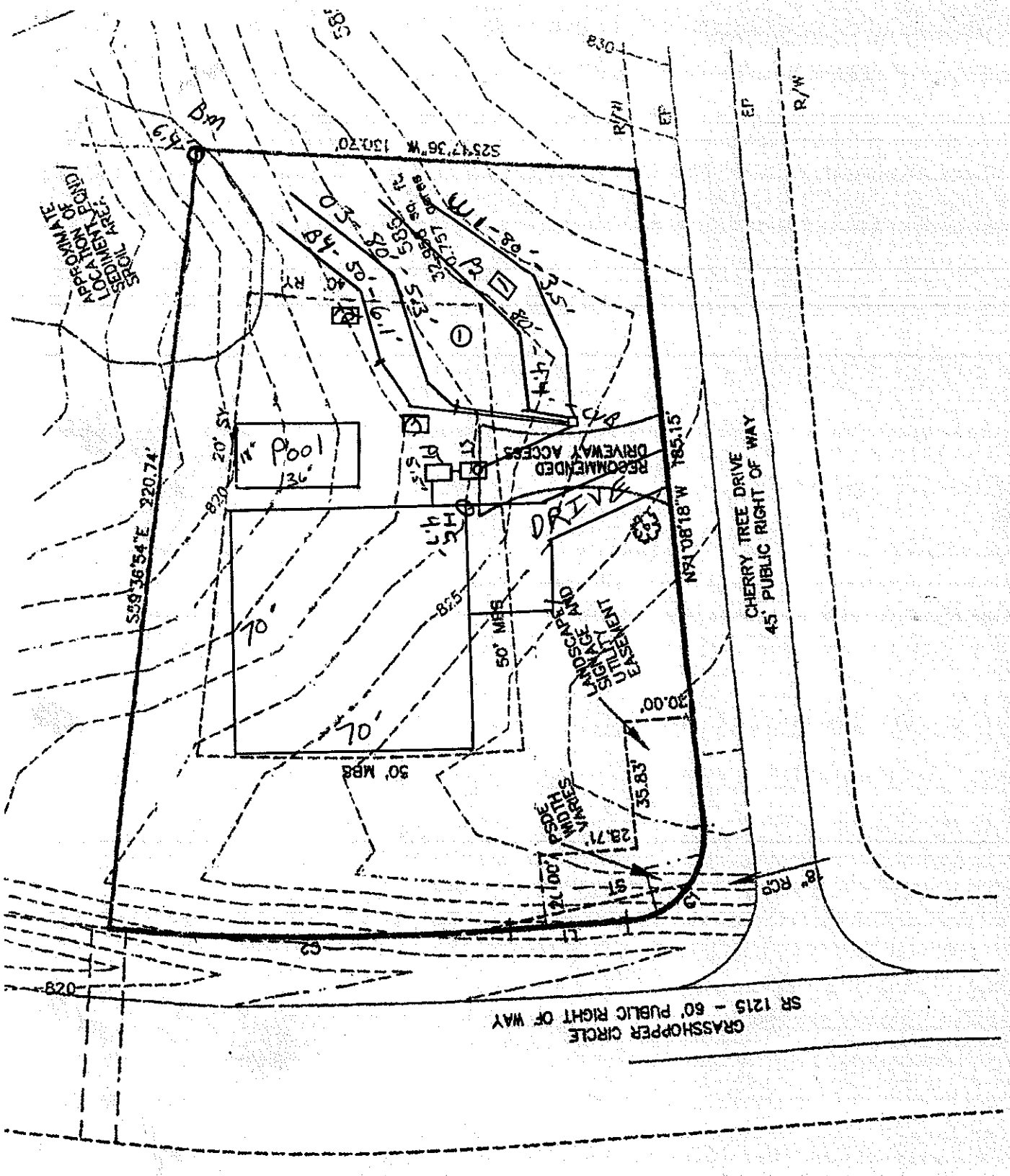
MICHAEL ATHANAS & ASSOCIATES
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1999 CANDLEWICK DRIVE
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Reference: Data Sheet for The Farms, Lot 586
House Footprint: 70' x 70'
Building Setbacks: 50' front/side street, 20' side, 40' rear
Water Source: Community well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.275 GPD/FT2 (initial), 0.3 GPD/FT2 (repair)
Proposed System Type: LPPPBPS
Predetermined Repair System Type: (ICHD)
Distribution: Low pressure-CVB
Flow per Orifice: 0.41 GPM
Orifice Size: 5/32"
System Flow: 26.7'
Dosing Volume: 234
Pump Run Time: 8.8 minutes
Elevation Head: 7'
Friction Head: 0.6'
Pressure Head: 2'
Total Dynamic Head: 9.6'
Supply Line Length: 50'
Septic/Pump Tank Size: 1500/1000 Gallons
Proposed Trench Bottom: 36"

Line	Design Length	No. of Panels	Actual Length	Elevation
White 1	**80'**	**18**	**98'**	**3.5'**
P ink 2	**80'**	**18**	**94'**	**4.4'**
Orange 3	**80'**	**18**	**98'**	**5.3**
Blue 4	**50'**	**11**	**79'**	**6.1'**
White			53'	
Blue			77'	
Red			67'	
Pink			64'	
Orange			40'	

Initial System: 290' **Repair System:** 301'
Pump Tank: 5.5' **House Corner:** 4.7' **Benchmark:** 6.4'

Comments:
The repair was previously approved by ICHD @ 0.3 GPD/FT2.


APPROXIMATE LOCATION OF SEDIMENT AREA
SILT FENCE
WL-80'-35'
B3
B4-50'-16.1'
03-80'-553'
Pool
11'
36'
20' SY
DRIVEWAY ACCESS
RECOMMENDED
DRIVE
PP
T.S.
S.S.
S89°36'54"E 220.74'
N87°08'18"W 185.15'
CHERRY TREE DRIVE
45' PUBLIC RIGHT OF WAY
R/W
EP
70'
70'
50' MBS
LANDSCAPED AND UTILITY EASEMENT
30.00'
35.83'
28.71'
POOL WORKS
10.00'
15'
18" RCP
C1
C2
C3
830
825
820
GRASSHOPPER CIRCLE
SR 1215 - 60' PUBLIC RIGHT OF WAY

Scale
1" = 40'

N