

Sta.	B.S.	H.I.	F.S. or Grade Rod	Elev. or Planned Elev.
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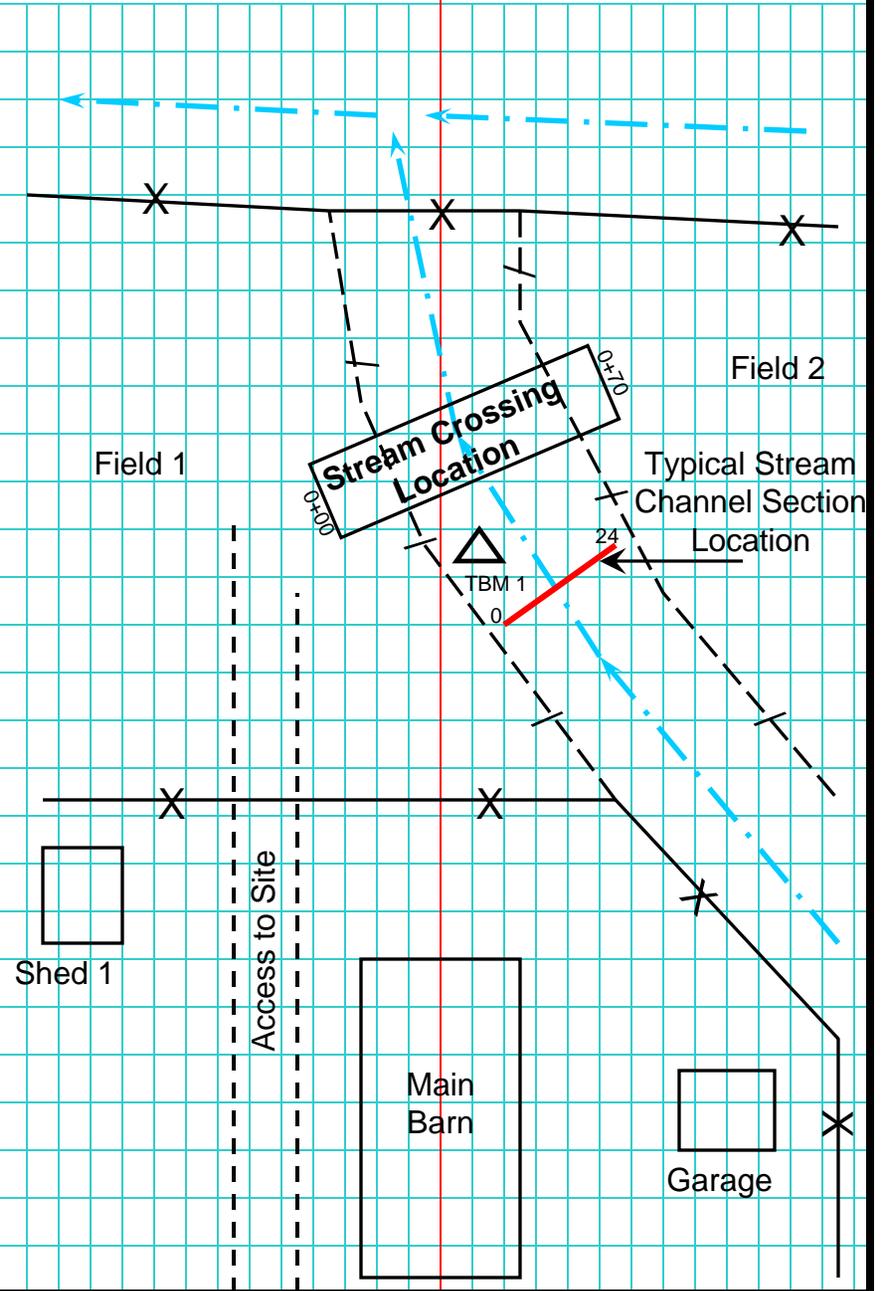
**Rodger Jones**  
**Sunshine Valley Farms**  
**Alvon, VA**  
**Phone Number: BR-549**  
**Tract No XXXXXXXX Field Numbers 1 and 2**

## Stream Crossing Survey Example

**Crossing is to be 16' wide to allow farm equipment to cross. Crossing will have 3:1 unarmored side slopes. Livestock will be fenced off of the side slopes.**

Jones Stream Crossing Survey,  
 Crossing from Field 1 to Field 2  
 Topcon AT G3 auto level

Cooke  Young   
 Rain, Cold, Windy 3/25/08



Jones Stream Crossing Survey Cont.,  
 Crossing from Field 1 to Field 2  
 Topcon AT G3 auto level

Cooke  Young   
 Rain, Cold, Windy 3/25/08

Sta.	B.S.	H.I.	F.S. or Grade Rod	Elev. or Planned Elev.
TBM 1	5.91	105.91		100.00
Stream Crossing Centerline Profile				
-0+25			6.1	99.8
0+00			5.9	100.0
0+15			6.0	99.9
0+23			6.1	99.8
0+25			9.4	96.5
0+26			9.7	96.2
0+31			9.9	96.0
0+33			6.8	99.1
0+40			6.3	99.6
0+50			6.6	99.3
0+65			6.4	99.5
0+70			6.3	99.6
Typical Stream Channel Section 75' upstream of crossing				
0			6.7	99.2
10			9.0	96.9
13			8.9	97.0
14			7.5	98.4
24			6.4	99.5
TBM 1			5.90	100.01
				100.00
				0.01 Error

TBM 1 is a nail and flagging 12" above ground, in base of 12" DBH Am. Sycamore, 25' upstream of Sta. 0+23, on top of bank.

Ground

Ground

Ground

Top of Stream Bank

Stream Channel Profile

Toe of Stream Bank

5<sup>9</sup>

6<sup>2</sup>

6<sup>3</sup>

Centerline Stream

10.0

9.7

9.6

Toe of Stream Bank

-50

0

50

Top of Stream Bank

D/S

C/L

U/S

Ground

Ground

Ground

Ground

Top of Stream Bank

Toe of Stream Bank

Toe of Stream Bank

Ground

Top of Stream Bank

Tie back to TBM 1

Stream Crossing Survey Example