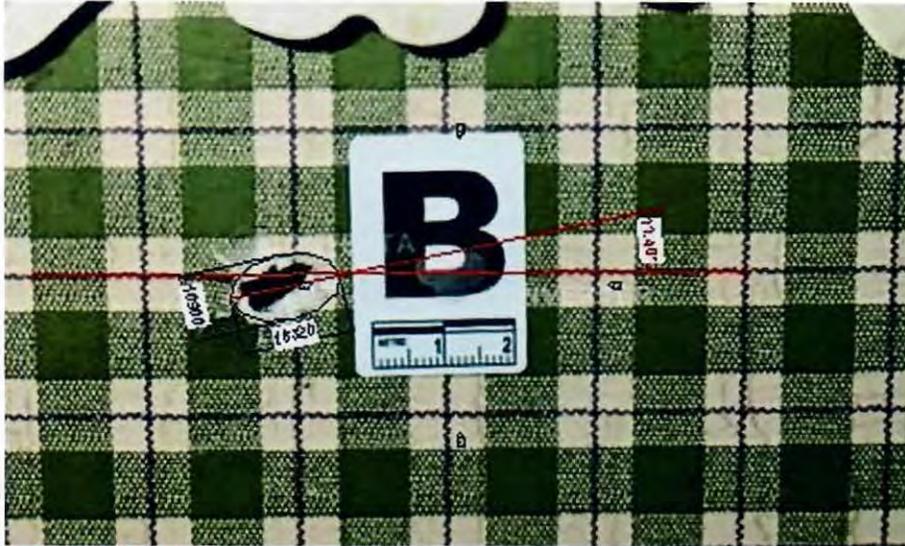


B. Location and direction of projectile impact damage to the wall – “B”
(CONT'D):

Trig-elliptical and other vertical & horizontal calculations:

- Using Revit 2016.



Ref. 3.5, CWS_0121.

Vertical angle:

Red lines are horizontal reference using wallpaper pattern and bisection of long axis of ellipse outlining bullet hole.

- 11.4 degrees downward
- Within 1.4 degrees of the 10 degrees reported by Sgt. Saunders.

Horizontal angle:

Entrance/lead-in on right side of photo (used to fit ellipse).

- Short axis 10900 units
- Long axis 18320 units
- $\text{Arcsin } 10900/18320 = 36.5$ degrees
- Within 3.1 degrees of scene calculated value of 39.6 degrees.