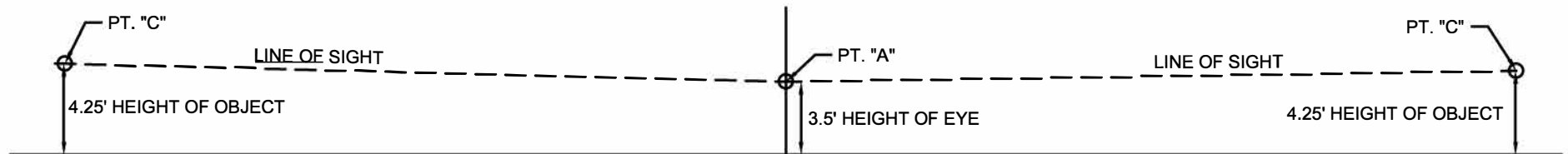


**\*\* NOTE - WHEN THE GRADES OF THE INTERSECTION LEGS ARE OTHER THAN FLAT, CORRECTIONS SHOULD BE MADE TO SIGHT DISTANCE REQUIREMENTS AS OUTLINES BY A.A.S.H.T.D.**

X = DISTANCE TRAVELED IN 7 SECONDS  
 Y = 15' PLUS 1/2 ROADWAY WIDTH  
 X<sub>1</sub> & Y<sub>1</sub> = EASEMENT DIMENSION (VARIES)  
 ▨ = EASEMENT AREA

SPEED (MPH)	20	25	30	35	40	45
X DISTANCE (FT)	206	257	308	360	411	462



" NOT TO SCALE "



DATE: 02/2017

**TOWN OF CHAPEL HILL  
STANDARD DETAIL**

REVISIONS

"TYPICAL SIGHT  
DISTANCE EASEMENT  
FOR AT-GRADE  
INTERSECTION OF TWO  
ROADS"

**T-15.00**