

THE FACTORS

- ❖ The Percentage of Voltage Drop is also a Constant
 - ❖ Which results in a Greater the System Voltage,
 - ❖ The Greater the Amount of VD Allowed/Tolerated
- ❖ First: You need to determine the amount of VD Allowed based on the Voltage of the Electrical System
 - ❖ $120V @ 3\% = 3.6VD$, & $2\% = 2.4VD$, & $6VD @ 5\%$
 - ❖ $208V @ 3\% = 6.24VD$, & $2\% = 4.16VD$, & $10.4VD @ 5\%$
 - ❖ $240V @ 3\% = 7.2VD$, & $2\% = 4.8VD$, & $12VD @ 5\%$
 - ❖ $480V @ 3\% = 14.4VD$, & $2\% = 9.6VD$, & $24VD @ 5\%$