



How to determine the Average (Existing) Grade (AEG)

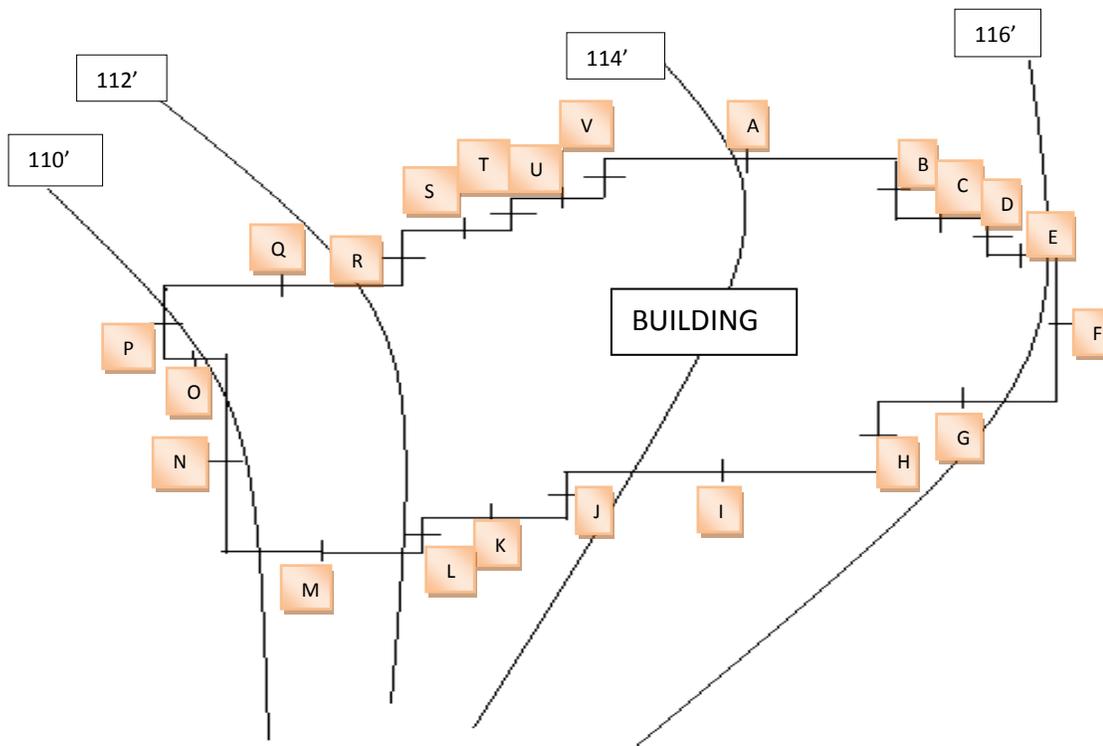
(SMC 25.02.010(05))

25.02.010(05) Average grade level.

“Average grade level” means the average of the natural or existing topography at the center of all exterior walls of a building or structure to be placed on a site; provided, that in the case of structures to be built over water, average grade level shall be the elevation of ordinary high water. (Ord. O99-29 § 1)

Procedure:

1. Determine the existing grade at the mid-point of all walls of the proposed



2. Determine AEG:
(AVERAGE EXISTING GRADE CALCULATIONS TO BE SHOWN ON SITE PLAN.)
 Formula: $\frac{\text{sum of mid point elevations}}{\text{number of wall segments}}$ **OR**

$$\frac{A + B + C \dots + V}{22} = \frac{2492.5}{22} = 113.30 \text{ AEG (Average [existing] Grade)}$$

A	114	G	115.75	M	111	S	112.6
B	114.75	H	115.5	N	109.8	T	113
C	115	I	114.8	O	110	U	113.25
D	115.5	J	113.5	P	110	V	113.5
E	115.75	K	113	Q	111.2		
F	116.10	L	112.25	R	112.25		

AVERAGE EXISTING GRADE (AEG) IS REQUIRED TO BE LOCATED & LABELED ON ELEVATION DRAWINGS.