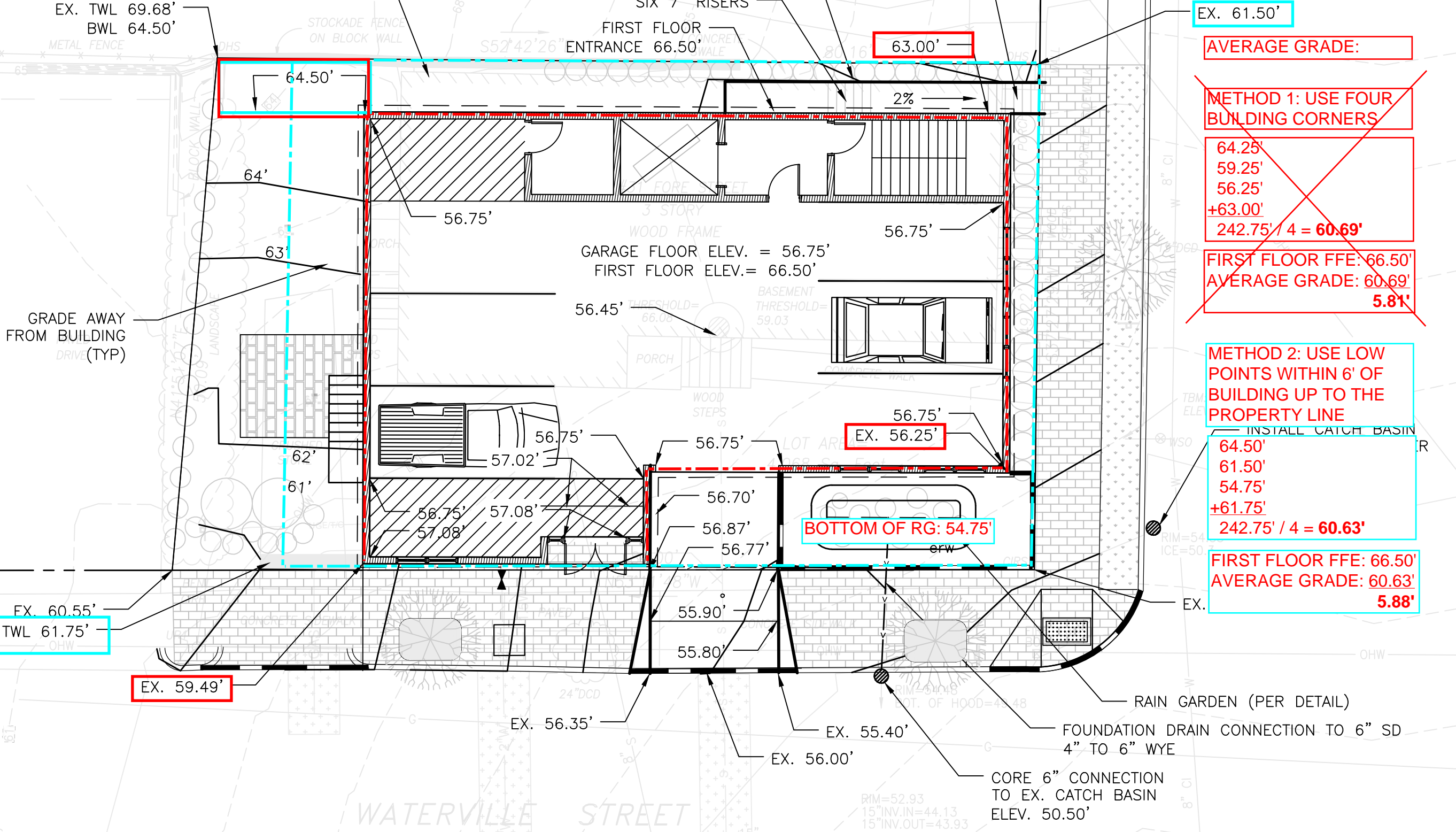


REUSE EX. FOUNDATION WALL DURING CONSTRUCTION TO SUPPORT SOIL PER 16664, STRUCTURAL ENGINEER'S RECOMMENDATIONS AND MITGATE NEED FOR TEMPORARY EASEMENTS.

USE SIDEWALK FOUNDATION WALL TO MATCH EX. GRADES AT PROPERTY LINE (TYP.)

3-7-16 AVERAGE GRADE CALCULATIONS SUMMARY

FORE ST



EX. 61.50'

AVERAGE GRADE:

~~METHOD 1: USE FOUR BUILDING CORNERS~~

~~64.25'~~  
~~59.25'~~  
~~56.25'~~  
~~+63.00'~~  
~~242.75' / 4 = 60.69'~~

~~FIRST FLOOR FFE: 66.50'~~  
~~AVERAGE GRADE: 60.69'~~  
~~5.81'~~

METHOD 2: USE LOW POINTS WITHIN 6' OF BUILDING UP TO THE PROPERTY LINE

INSTALL CATCH BASIN  
 64.50'  
 61.50'  
 54.75'  
 +61.75'  
 242.75' / 4 = 60.63'

FIRST FLOOR FFE: 66.50'  
 AVERAGE GRADE: 60.63'  
 5.88'

BOTTOM OF RG: 54.75'

RAIN GARDEN (PER DETAIL)

FOUNDATION DRAIN CONNECTION TO 6" SD 4" TO 6" WYE

CORE 6" CONNECTION TO EX. CATCH BASIN ELEV. 50.50'

EX. 60.55'  
TWL 61.75'

EX. 59.49'

EX. 56.35'

EX. 56.00'

EX. 55.40'

RIM=52.93  
15" INV. IN=44.13  
15" INV. OUT=43.93

WATERVILLE STREET