

# *Structural Report*

*Performed by Alpha Omega*

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*For*  
*251 Lincoln Ave.*  
*Pomona, CA 91767*



*November 06, 2019*

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### INTRODUCTION

Ehab Mina PE. has reviewed the condition of the garage of the property noted above. Our inspection consisted of an examination of the structural integrity of the detached garage with respect to uneven floor noticed by owner in the north east corner of the garage. The following were present during the inspection:

Name	Company Name
Ehab Mina	Alpha Omega

### SCOPE OF WORK

Conduct a visual site structural investigation. Determine the structural integrity of the detached garage with respect to uneven floor noticed by owner in the north east corner of the garage.

### DESCRIPTION OF STRUCTURE

The garage is built on slab on grade foundation on the north east corner of the property. The exterior walls have wood siding and shingle roof covering.

For purposes of this report, the wall (facing the street) will be considered the south wall.

### PICTURES & OBSERVATIONS



Picture #1



Picture #2





Picture #3



Picture #4



Picture #5

## RECOMMENDATIONS

1. Picture 1 & 2 are showing the slanted floor at the north east corner of the garage.
2. Picture #2 is showing a live route is coming from underneath the slab.
3. Pictures 3 & 4 are showing a vertical displacement of 7" in 13' horizontal (5% Slope).
4. Picture #5 is showing a vertical displacement of the roof framing of the garage.

It was clear that the oak tree route in the back of the garage is still growing under the garage slab and it is actively pushing up the garage slab to the extent that the garage roof is starting to move up (see crack on picture #5).

An immediate action is needed to stop the tree route from damaging the garage. The tree route has to be removed entirely before the damage continues to destroy the garage framing as well as it damaged the corner of the slab.

A handwritten signature in blue ink, appearing to be "Ehab Mina", written in a cursive style.