Provide a minimum 5% grade slope away from foundation for minimum distance of 10 feet measured perpendicular to the face of the wall.

Exception:
1. If building site does not allow 10 feet of slope, indicate the installation of drains or swales to ensure drainage away from the structure.
2. Improperly surfaces within 10 feet of the building foundation shall be sloped a minimum of 2% away from the building.

**GOVERNING CODES ('Code')**
- California Fire Code                  2013 Edition            #24-2013
- California Building Code            2013 Edition            #24-2013
- California Electrical Code           2013 Edition            #23-2013
- Energy Efficiency Standards      (Title 24)
- Albany Municipal Code

**SPECIAL INSPECTIONS**
- Epoxy anchor bolts and epoxy hold-down bolts

**PROJECT DIRECTORY**
- Owner: VALERY KARPEI
  1035 CURTIS ST
  ALBANY, CA 94706
- Civil Engineer: KEVIN G. WANG
  1574 SISKIYOU DR.
  WALNUT CREEK, CA 94598
  Tel: (510) 304-9812
  Email: gsengineering2000@gmail.com

**AREA CALCULATIONS**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>EXISTING</th>
<th>PROPOSED</th>
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<tbody>
<tr>
<td>LOT AREA (L)</td>
<td>3,504SF</td>
<td>3,504SF</td>
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<tr>
<td>NUMBER OF UNITS</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>BUILDING FOOTPRINT</td>
<td>1,193 SF</td>
<td>1,193 SF</td>
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<tr>
<td>STORY(ES)</td>
<td>1</td>
<td>1</td>
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<tr>
<td>BUILDING HEIGHT</td>
<td>16'-8&quot;</td>
<td>16'-8&quot;</td>
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<tr>
<td>BUILDING DEPTH</td>
<td>56'-8&quot;</td>
<td>56'-8&quot;</td>
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<tr>
<td>NEW ADDITION AREA</td>
<td>96 SF</td>
<td>96 SF</td>
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<tr>
<td>FLOR AREA %.</td>
<td>36.0%</td>
<td>36.0%</td>
</tr>
<tr>
<td>LOT COVERAGE</td>
<td>38.7%</td>
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</table>

**BUILDING DATA**

- Address: 1037 CURTIS ST
  ALBANY, CA 94706

**SCOPE OF WORK**

1. Demolish existing storage in the back yard.
2. Excavate an area for outside stairs landing in the back yard. New front addition area is 96 SF.
3. Provide ALL representations for the existing kitchen & hallway area.

**SITE PLAN**

- Scale: 1/8" = 1'-0"
SLOPE 4:12

2"X3" DOWN SPOUT TYP.

412 DORMER ATTIC VENT. TYP.

NORTH SHEET NUMBER

PROJECT NO

CIVIL ENGINEER

PLANS SUBMITTAL

G.S. ENGINEERING
1574 SISKIYOU DRIVE
WALNUT CREEK, CA 94598
Tel: (510)304-9812
Email: gsengineering2000@gmail.com

A2.1
NEW WINDOW SCHEDULE

<table>
<thead>
<tr>
<th>Mark</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td></td>
<td>10'-0&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8'-0&quot;</td>
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DOOR SCHEDULE

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<thead>
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<th>Size</th>
<th>Type</th>
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</thead>
<tbody>
<tr>
<td>11</td>
<td>4'-0&quot; X 6'-8&quot;</td>
<td>SINGLE FLUSH DOOR</td>
</tr>
<tr>
<td>12</td>
<td>2'-6&quot; X 6'-8&quot;</td>
<td>SINGLE FLUSH DOOR</td>
</tr>
</tbody>
</table>

NEW ADDITION ATTIC VENT

NEW ADDITION VENT HIGH
NEW ADDITION VENT MEDIUM
NEW ADDITION VENT LOW

NEW ADDITION UNDER-FLOOR VENT

NEW ADDITION VENT HIGH
NEW ADDITION VENT MEDIUM
NEW ADDITION VENT LOW

ASPHALT COMPOSITION SHINGLE
1-1/2" CONCRETE SHEETING WITH/WITHOUT RADIANT HEATING
NEW GUTTER FLASHING

NEW AND EXISTING FOOTING CONNECTION

TYPICAL EXTERIOR WALL DETAIL

TYPICAL ROOF EAVE

DECK POST PIER
ANCHOR BOLTS

1. All new or retrofit anchor bolts shall be ASTM A-307 or A-36 all thread, and shall be embedded into sound concrete 8" min. Minimum bolt diameter shall be 5/8". At existing concrete locations, all new anchor bolts shall be epoxied in place, see epoxy anchor notes. At new concrete locations, new anchor bolts may be cast in place. New anchor bolts shall include a standard nut and flat washer.

2. All new shearwall segments shall have new anchor bolts.

3. A minimum of two anchor bolts must be contained within the boundary of each shearwall element and one at each end of pressure treated sill plate.

EPOXY ANCHORS

1. Drill holes in existing concrete 1/8" larger than dia. of dowels to a depth of 7" min. Do not drill through existing rebar.

2. Clean hole of dust with brush AND oil-free compressed air.

3. Use Simpson Strong-Tie 'SET Anchoring Epoxy' anchoring adhesive for high strength anchoring application in Masonry and concrete.