Zone A, AH, AE Floodplain and/or Floodway Stipulation Note:

The finish floor of all structures (including outside machinery servicing the structure) constructed in the Special Flood Hazard Area (SFHA) must be a minimum of one (1) foot above the Base Flood Elevation (BFE). The lowest adjacent grade to the structure must a minimum of at or above the BFE. No basements are allowed in residential structures located in a SFHA. Non-residential structures including utilities constructed in the SFHA can be flood proofed to one (1) foot above the BFE instead of being elevated.

NO FILLING OR CONSTRUCTION WHICH WILL CAUSE ANY RISE IN THE WATER SURFACE ELEVATION IN THE FLOODWAY WILL BE ALLOWED.

Septic tanks are not allowed in the floodplain. Modular buildings must have the bottom of the structure raised one (1) foot above the Base Flood Elevation (BFE). Below ground tanks must be anchored against floatation. Above ground tanks are considered structures for floodplain management purposes.

Floodplain Management Requirements for Zone (A, AH, AE floodplain and floodway)

Conditions for grading and drainage permit:

1. Floodplain Management approved Grading and Drainage plan for properties within a Special Flood Hazard Area (SFHA).

   Add the following to the Final Site Plan, Final Plat, Setback Exhibit, and Grading & Drainage (G & D) Plan.

   a. Show Floodplain and/or Floodway boundary line, Base Flood Elevation (BFE), proposed finished floor and proposed lowest adjacent grade to the structure on the G & D plan.

   b. Base Flood Elevation must be shown in NAVD88 for Flood Insurance Rate Map (FIRM) Information Table and Elevation Certificate. If plans are in NGVD29, then please provide the vertical datum conversion using VERTCON shown in the benchmark information.
c. Add the following **NOTES** to Grading & Drainage Plan Cover:

**FLOOD INSURANCE**
**RATE MAP (FIRM) INFORMATION**

<table>
<thead>
<tr>
<th>COMMUNITY NUMBER</th>
<th>PANEL NUMBER</th>
<th>PANEL DATE</th>
<th>SUFFIX FIRM DATE</th>
<th>BASE FLOOD ELEVATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>040051</td>
<td></td>
<td>October 16, 2013</td>
<td>October 16, 2013</td>
<td></td>
</tr>
</tbody>
</table>

**FEDERAL REQUIREMENT:** A Federal Emergency Management Agency (FEMA) Elevation Certificate based on finished construction must be reviewed and approved by Street Transportation Department Floodplain Management Section for each new and substantial improvement structure constructed in a Special Flood Hazard Area (SFHA) prior to issuing a Certificate of Occupancy. A copy of the elevation certificate must also be submitted to Street Transportation Department Floodplain Management Section and Planning & Development Department prior grading & drainage permit based on construction plans and prior to sign off for framing based on building under construction.

2. Compliance with Section 7 & 9 of the Endangered Species Act (ESA).

   a. Generate a report by Arizona Game and Fish Department Online Environmental Tool at [https://azgjis2.esri.com/](https://azgjis2.esri.com/). If threatened (LT) and/or endangered (LE) species are within the project vicinity, then documentation with photos are required to show no food source, breeding grounds or habitats within the project area. If threatened (LT) and/or endangered (LE) species are documented, then a more formal biological evaluation report is required and local entities will provide guidance and monitor the project’s design & construction to not harm and/or impact the threatened and/or endangered species.

   b. A vicinity map identifying the project location is entirely within the limits of the City of Phoenix is generated by the above website.

   c. Utilize the U.S. Department of Interior Fish and Wildlife Service species list at [http://ecos.fws.gov/ipac/](http://ecos.fws.gov/ipac/) to identify the threatened and/or endangered species within the project area, their food source and determine if critical habitats exists within the project area.

   d. Document in writing with photographs that the project area does not contain habitat for California least tern, southwestern willow flycatcher, Yuma clapper rail and yellow-billed cuckoo, based on habitat descriptions from the U.S. Department of Interior Fish and Wildlife Service website mentioned above.
3. Elevation Certificate (FEMA Form 81-31) based on construction plans must be received and approved by Floodplain Management.

4. Submit Conditional Letter of Map Revision based on Fill (CLOMR-F) or Conditional Letter of Map Revision (CLOMR) for review and send to FEMA for approval.

**Conditions for building permit (prior to going vertical):**

1. Elevation Certificate (FEMA Form 81-31) based on building under construction must be received and approved by Floodplain Management prior to going vertical.

2. Submit Letter of Map Revision based on Fill (LOMR-F) or Letter of Map Revision (LOMR) for review and sent to FEMA for approval.

3. 95% Compaction test results for the building pads.

**Conditions for certificate of occupancy (C of O):**

1. Elevation Certificate (FEMA Form 81-31) based on finished construction must be received and approved by Floodplain Management prior to going vertical.

**Do not issue a certificate of occupancy until the above have been met and final clearance has been given by Floodplain Management.**