Tempe

Public Works Department
Engineering Division

Disclaimer of Liability

The flood hazard areas of Tempe are subject to periodic inundation, which can result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety and general welfare.

These flood losses may be caused by the cumulative effect of obstructions in areas of special flood hazards which increase flood heights and velocities, and, when inadequately anchored, cause damage in other areas. Uses that are inadequately flood proofed, elevated or otherwise protected from flood damage also contribute to the flood loss. It is the purpose of City of Tempe Floodplain Management to promote the public health, safety and general welfare, and to minimize public and private losses due to flood conditions in specific areas

The intent of the City of Tempe Floodplain Regulations is to prevent the dangerous and expensive misuse of floodplains in the City of Tempe.

A Floodplain as defined in the Regulations is the areas adjoining the channel of a watercourse susceptible to inundation by a base flood including areas where drainage is or may be restricted by man-made structures that have been or may be covered partially or wholly by flood water from the 100-year flood.

Depending on the location of your property, it could possibly be inundated by greater frequency flood events (those occurring more often). A flood greater in magnitude than the 100-year flood could also occur.

The review your submittal has undergone is solely for the purpose of determining if your application conforms to the written requirements of the Floodplain Regulations for the City of Tempe. It is not to be taken as a warranty. Compliance with this Regulation does not insure complete protection from flooding. The Floodplain Regulation meets established standards for floodplain management, but neither this review nor the Regulation take into account such flood related problems as natural erosion, streambed meander or man-made obstructions and diversions all of which may have an adverse effect in the event of a flood. You are advised to consult your own engineer or other expert regarding these considerations.

In consideration for the issuance of the requested permit the applicant, owner, agent, engineer and their successors agree to hold the City of Tempe harmless from any onsite or offsite damages of any kind arising from the development of the subject property in accordance with their submittals as outlined in the attached permit

I have read and understand the above DISCLAIMER OF LIABILITY.

Permit Number	Signature of Owner or Agent	Date

Property Address	Assessor Parcel No.

Tempe

FLOODPLAIN CLEARANCE PERMIT

ENGINEERING DIVISION / FLOODPLAIN MANAGEMENT

Date:_____ Q.S._____

Project Name:_____

Project Address & Location:_____

Requested by:_____Phone:_____Fax:_____

Proposed structure in square feet_____

For Official Use Only:

Requested by:_____Phone: _____Fax: _____

Department: _____Section: _____

FIRM Community Number: **040054** Map Number & Suffix: **04013C**

Panel Number:_____Effective Date of FIRM:_____

___ Zone _____ is outside the delineated 100-year floodplain. No floodplain requirements exist for this site.

___ Zone _____ is inside the Special Flood Hazard Area (SFHA), but clearance is hereby given for issuance of a permit insofar as Floodplain requirements are concerned since there is no regulated structure to be damaged and no adverse impact to adjacent properties.

___ Zone _____ is inside the Special Flood Hazard Area (SFHA), clearance is not granted until a grading and drainage plan prepared by a registered Civil Engineer and a design FEMA Elevation Certificate is submitted to the Community Development Department and the Floodplain Management Section for review and approval. The floodplain boundary limits must be shown on the grading and drainage plan. **The Lowest Floor must be at least one foot above Base Flood Elevation (BFE)**. A professional engineer must determine and seal the BFE determination for any SFHA. The engineer also needs to ensure that there are no adverse impacts to the SFHA due to construction of the project.

(**Note**: Flood proofing may be used in in lieu of the lowest floor elevation requirement for non-residential structures. A qualified register engineer or architect must provide a FEMA 81-65 Flood Proofing Certificate.)

The following note needs to be included on the grading and drainage plan.

" Federal Emergency Management Agency (FEMA) Elevation Certificates must be completed for each new structure constructed in a Special Flood Hazard Area (SFHA) prior to clearance for framing of the structure can be given and again prior to the Certificate of Occupancy. Two copies of these Elevation Certificates are to be submitted to the General or Structural Inspector."

☐ **APPROVED** ☐ **NOT APPROVED**

FLOODPLAIN MANAGEMENT BY:_____DATE:_____

Tempe

SUBSTANTIAL IMPROVEMENT FLOODPLAIN DETERMINATION

ENGINEERING DIVISION / FLOODPLAIN MANAGEMENT

Date: _____ Q.S. _____

Project Name: _____

Project Address: _____

Contact name: _____ Phone: _____ Fax: _____

For Use By: COMMUNITY DEVELOPMENT DEPARTMENT—BUILDING SAFETY

CDD Reviewer name: _____ Phone: _____

Proposed addition in square feet _____

**** CDD Valuation of work: $ _____**

Existing structure in square feet _____ Valuation of Structure $ _____

FIRM Community Number: 040054 Map Number & Suffix: _____.

Panel Number: _____ Effective Date of FIRM: 10-16-2013.

_____ This project is located in Zone _____ and is in a Special Flood Hazard Area (SFHA), but clearance is hereby given for issuance of a construction permit. Based on the project information provided, there are no Floodplain Management requirements to fulfill.

_____ This project is located in Zone _____ and is in a Special Flood Hazard Area (SFHA), but clearance is hereby given for issuance of a construction permit insofar as Floodplain requirements are concerned since the cost of the improvements are less than 50% of the total value of the existing structure. **FLOODPLAIN DEVELOPMENT PERMIT IMPROVEMENT/ DAMAGE REPAIR CALCULATION FORM** is attached.

_____ This project is located in Zone _____ and is in a Special Flood Hazard Area (SFHA), clearance is **not** given for issuance of a construction permit insofar as Floodplain requirements are concerned since the cost of the improvements are greater than 50% of the total value of the existing structure. **FLOODPLAIN DEVELOPMENT PERMIT IMPROVEMENT/DAMAGE REPAIR CALCULATION FORM** is attached.

A City of Tempe **FLOODPLAIN CLEARANCE PERMIT** will need to be obtained by way of a grading and drainage plan prepared by a registered Civil Engineer along with the required **FEMA ELEVATION CERTIFICATES** and submitted to the Community Development Department and to the Engineering Division/Floodplain Management Section for review and approval.

☐ **APPROVED**

☐ **NOT APPROVED - THE FOLLOWING INFORMATION IS REQUIRED**_____

_____

_____

_____

FLOODPLAIN MANAGEMENT BY:_____DATE: _____

Tempe

SUBSTANTIAL DAMAGE FLOODPLAIN CLEARANCE
ENGINEERING DIVISION / FLOODPLAIN MANAGEMENT

Date: _____ Q.S. _____

Project Name: _____

Project Address: _____

Contact name: _____ Phone: _____ Fax: _____

For Use By: COMMUNITY DEVELOPMENT DEPARTMENT—BUILDING SAFETY

CDD Reviewer name: _____ Phone: _____

Description of proposed repairs: _____

_____ ****CDD Valuation of work: $ _____**

Existing structure in square feet _____ Valuation of Structure $ _____

FIRM Community Number: 040054 Map Number & Suffix: _____.

Panel Number: _____ Effective Date of FIRM: 10-16-2013.

_____ This project is located in Zone _____ and is in a Special Flood Hazard Area (SFHA), but clearance is hereby given for issuance of a construction permit. Based on the project information provided, there are no Floodplain Management requirements to fulfill.

_____ This project is located in Zone _____ and is in a Special Flood Hazard Area (SFHA), but clearance is hereby given for issuance of a construction permit insofar as Floodplain requirements are concerned since the cost of the repairs are less than 50% of the total value of the existing structure. **FLOODPLAIN DEVELOPMENT PERMIT IMPROVEMENT/ DAMAGE REPAIR CALCULATION FORM** is attached.

_____ This project is located in Zone _____ and is in a Special Flood Hazard Area (SFHA), clearance is **not** given for issuance of a construction permit insofar as Floodplain requirements are concerned since the cost of the repairs are greater than 50% of the total value of the existing structure. **FLOODPLAIN DEVELOPMENT PERMIT IMPROVEMENT/ DAMAGE REPAIR CALCULATION FORM** is attached.

A City of Tempe **FLOODPLAIN CLEARANCE PERMIT** will need to be obtained by way of a grading and drainage plan prepared by a registered Civil Engineer along with the required **FEMA ELEVATION CERTIFICATES** and submitted to the Community Development Department and to the Engineering Division/Floodplain Management Section for review and approval.

☐ **APPROVED**

☐ **NOT APPROVED - THE FOLLOWING INFORMATION IS REQUIRED** _____

_____

_____

_____

FLOODPLAIN MANAGEMENT BY: _____ DATE: _____

Tempe

FLOODPLAIN DEVELOPMENT PERMIT

IMPROVEMENT/DAMAGE REPAIR CALCULATION FORM

Dept. of Public Works Engineering Div. / Floodplain Management Section

PERMIT NUMBER

Site Address: **APN:**

I. SUBSTANTIAL IMPROVEMENT/DAMAGE REPAIR CALCULATION

Value of Improvement/Damage Repair (I): _____

Value of Existing Structure (S): _____

Improvement/Damage Repair Ratio (R=I/S): _____

Improvement/Damage Repair Valuation Method:
- ☐ Job Valuation Method
- ☐ Other _____

Existing Structure Valuation Method:
- ☐ Appraised Value from Appraisal Report
- ☐ County Assessed Value from Parcel Book
- ☐ Other _____

II. 5-YEAR CUMULATIVE IMPROVEMENT/DAMAGE REPAIR RATIO

Value of Previous Improvement/Damage Repair (P): _____

Value of this Improvement/Damage Repair (I): _____

Value of Existing Structure (S): _____

Cumulative Improvement/Damage Repair Ratio ($CR=\frac{I+P}{S}$): _____

NOTE: The determination of "substantial improvement" or "substantial damage" is based upon the improvement/damage repair ratio and cumulative improvement/damage repair ratio calculated above, and if the cumulative improvement/damage repair ratio equals or exceeds 50%, then the entire structure must conform to the flood hazard reduction provisions of Tempe City Code Chapter 12.2

This form should be completed by the Owner or their Representative per the procedures outlined in the FEMA P-758, Substantial Improvement/Substantial Damage Desk Reference.
http://www.fema.gov/media-library-data/20130726-1734-25045-2915/p_758_complete_r3.pdf

Prepared by: _____ Date: _____
Print name

Signature: _____

Approved by: _____ Date: _____
Floodplain Administrator