

FDP Number: _____

Application Date: _____

Approval Date: _____

CITY OF HURST FLOODPLAIN DEVELOPMENT APPLICATION - PART 1

To be completed by Applicant or Applicant's representative and submitted to the Floodplain Administrator. Attach additional pages as necessary.

1. APPLICANT INFORMATION

Applicant's Representative. Identify person knowledgeable of and authorized to respond to questions concerning data provided by the Applicant.

Name: _____

Relationship to Applicant: _____

Address: _____

Telephone: _____

Fax: _____

E-mail: _____

Applicant: _____

Project Name: _____

Property Owner: _____

City/County: _____

Engineer: _____

Project Size (total acres): _____

2. LOCATION

Provide general description of location, including street address, nearest cross-street, lot/block/addition and identified impacted water body(s):

3. FEMA FLOODPLAIN INFORMATION

Community Panel No. and Effective Date: _____

FEMA Zones affected (ex. Zone A, AE, Shaded Zone X): _____

Is there a defined floodway in the project area? Y N

If "Yes", see attached conditions.

Is a Letter of Map Revision required? Y N

If "Yes", see attached conditions.

Is a Conditional Letter of Map Revision required? Y N

If "Yes", when is construction proposed to be completed? _____

Total number of acres in floodplain: _____

Total Number of Lots in Floodplain _____

4. PROPOSED PROJECT

Proposed Activity: (check appropriate categories)

- Excavation
- ~~swale construction~~
- Bridge or culvert crossing
- Arial pipeline crossing
- fill
- levee
- other (attach explanation)

Proposed Use: (check appropriate categories)

- private single dwelling(s)
- private multi-dwelling(s)
- public
- commercial
- industrial
- other (attach explanation)

Brief description of project:

5. ADDITIONAL CONSIDERATIONS

A. Is a Section 10 or Section 404 U.S. Corps of Engineers permit required? Y N
If "Yes", what permit(s): _____

Date of approval: _____

B. Is project within the review area of the Trinity River Corridor (CDC) process? Y N

Date of approval: _____

C. Is a Texas Commission on Environmental Quality permit required? Y N

Date of approval: _____

D. Is a City of Hurst Elevation Certification required? Y N
If "Yes", what is the minimum finished floor elevation? _____

E. Have all other City of Hurst permits been obtained? Y N _____
If "Yes", which other departments? _____

E. Is a performance bond required? Y N
If "Yes", amount and duration _____

F. Are approved plans on file with the City? Y N
If "Yes", date approved: _____

I / WE HEREBY AGREE TO COMPLY WITH THE PERMIT CONDITIONS OF THIS PERMIT, THE CITY OF HURST'S FLOODPLAIN MANAGEMENT STANDARDS INCLUDING TO MINIMIZE POTENTIAL FLOOD DAMAGE AND RELATED STORMWATER RUNOFF PROBLEMS, AND TO CONFORM TO ALL OTHER RELATED CITY, STATE AND FEDERAL REGULATIONS TO CONSTRUCT THIS PROPOSED DEVELOPMENT.

(Typed or printed name)

(Signature)

(Date)

Period of Permit: This permit shall expire one year from the date issued, unless specified other wise below.

CITY OF HURST

FLOODPLAIN DEVELOPMENT APPLICATION - PART 2

Detailed Hydrologic and Hydraulic Information

To be completed by Applicant or Applicant's representative and submitted to the Floodplain Administrator. Attach additional pages as necessary.

EXISTING 100-YEAR FLOOD

Hydrologic and Hydraulic Impact		Pre-Project	Post-Project	Change
Discharge	Downstream Boundary (DB)	cfs		
	Upstream Boundary (UB)	cfs		
Channel Velocity	Downstream Boundary	fps	fps	fps
	Upstream Boundary	fps	fps	fps
Water Surface Elevation (NGVD)	___ ft downstream of DB	ft	ft	ft
	___ ft downstream of DB	ft	ft	ft
	___ ft downstream of DB	ft	ft	ft
	___ ft downstream of DB	ft	ft	ft
	Downstream Boundary	ft	ft	ft
	Mid-project	ft	ft	ft
	Upstream Boundary	ft	ft	ft
	___ ft downstream of UB	ft	ft	ft
	___ ft downstream of UB	ft	ft	ft
	___ ft downstream of UB	ft	ft	ft
Project Lands in Floodplain		ac	ac	ac
Valley Storage on Project Lands		ac-ft	ac-ft	ac-ft %

ULTIMATE 100-YEAR FLOOD

Hydrologic and Hydraulic Impact		Pre-Project	Post-Project	Change
Discharge	Downstream Boundary (DB)	cfs		
	Upstream Boundary (UB)	cfs		
Channel Velocity	Downstream Boundary	fps	fps	fps
	Upstream Boundary	fps	fps	fps
Water Surface Elevation (NGVD)	___ ft downstream of DB	ft	ft	ft
	___ ft downstream of DB	ft	ft	ft
	___ ft downstream of DB	ft	ft	ft
	___ ft downstream of DB	ft	ft	ft
	Downstream Boundary	ft	ft	ft
	Mid-project	ft	ft	ft
	Upstream Boundary	ft	ft	ft
	___ ft upstream of UB	ft	ft	ft
	___ ft upstream of UB	ft	ft	ft
	___ ft upstream of UB	ft	ft	ft
	___ ft upstream of UB	ft	ft	ft
Project Lands in Floodplain		ac	ac	ac
Valley Storage on Project Lands		ac-ft	ac-ft	ac-ft %

5. VALLEY STORAGE MITIGATION

Describe hydraulic mitigation used to compensate for project valley storage impacts.

Application is hereby submitted for a City of Hurst Floodplain Development Permit. I certify that I am knowledgeable of the information contained in this application, and that to the best of my knowledge and belief, this information is true, complete, and accurate.

Signature of Applicant or Applicant's Representative

Typed Name/Title/Date

P.E. License Number and seal/stamp

CITY OF HURST APPROVAL:

Received By: _____

By: _____
(Typed or printed name) (Signature)

Title: _____ Date: _____

Approved: _____ Not Approved: _____

Approved for Building Permit by: _____

Date: _____

If new buildings are proposed:

Reviewed _____

Date: _____
(Building Official)

cc: **Contractor**
Duane Hengst, P.E.,M –City Engineer, Floodplain Administrator
Greg Dickens – Public Works Director
Vince King - Building Official

File

PERMIT CONDITIONS

1. Contractor shall have City approved construction plans prior to commencing any site work.
2. Contractor shall acquire all other applicable City permits prior to commencing construction including clearing and grubbing, earthwork, construction, building, mining, etc.
3. Flood study demonstrating that the requirements of the City of Hurst are met shall be approved prior to issuing a Floodplain Development Permit or Earthwork permit placing fill in all floodplains or drainageways. Flood map revision shall be approved by FEMA prior to placing fill in FEMA floodplain.
4. Fill for new building construction shall be compacted to 95% standard proctor density at plus or minus 3% of optimum moisture content, unless specified otherwise on City approved construction plans.
5. Adjoining property owners shall not be adversely affected by increased velocities, significantly increased flows, increased flood elevations, sediment, erosion, etc.
6. For excavation and/or mining, see Public Works' Senior Right-of-Way Agent for a Mining Permit and Road Use Permit. A Reclamation Plan will also have to be submitted to the Floodplain Administrator for approval.
7. For new residential structures, the lowest floor (including basement and garage) shall be at or above the minimum finished floor elevation specified on the plat. If there is not an elevation specified on the plat, the structure shall be elevated so as to be a minimum of one foot above the FEMA FIS 100-year base flood elevation. A building permit shall be acquired prior to commencing any work on structures.
8. For new non-residential structures, the building shall be elevated as specified above or flood-proofed to withstand the flood depths, pressures, velocities, impact and uplift forces associated with the FEMA FIS 100-year base flood. All utility lines shall be installed as to minimize damage from potential flooding.
9. Upon completion of construction, submit an Elevation Certificate, Precise Grading Certificate, as-built plans, and certification from a Professional Engineer that flood proofing requirements have been met (if flood proofing is required).

SPECIAL CONDITIONS:

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NOTE: Proof of financial capability and fiscal responsibility may be required by the City prior to approval and issuance of this permit.