City of Hunters Creek Village

#1 Hunters Creek Place Hunters Creek Village, Texas 77024 (713) 465-2150 phone (713) 465-8357 fax



PERMIT CHECKLIST - DRAINAGE SYSTEM

Documents to Submit:

Ш	I wo (2) sets of drainage plans
	Two (2) current property surveys (as-built)
	Tree Disposition Plan and Tree Survey (on current survey)
	 If no trees are being removed, a letter stating such will be required in place
	of the Tree Disposition and Tree Survey.
	Drainage Approval from the Memorial Village Water Authority ('Application for
	Construction Project' Approval Letter)
	Hold Harmless Acknowledgement – Drainage (Must be notarized)
	Electrical Service – Are pumps included? (yes or no)
	 Provide Load Analysis, if pumps are includedamps
	All Water must be maintained on the property the drainage system has been
	designed for (statement of the same on plans).

Drainage Information:

Sec. 44-129. Hunters Creek Code – Drainage

The entire area of any improved lot or tract within the city shall be drained in such a manner as to carry off all stormwater to a public right-of-way, drainage ditch or storm sewer.

Sec. 34-153. Hunters Creek Code - Lot drainage systems.

The entire area of any improved lot or tract within the city shall be contoured and improved in such a manner as to convey all surface runoff from the lot to a public right-of-way, natural drainage way, public drainage easement, or storm sewer.

(1) Minimum size of pipes. All underground conveyance shall be provided by an eightinch diameter or larger pipe or its equivalent unless designed by an engineer.

Exception: A minimum four-inch diameter pipe can be used for single catch basins or downspouts without being designed by an engineer as long as the contributing area does not exceed 400 square feet.

- (2) Minimum size of downspouts. Any downspouts that are connected to the yard drainage system and that capture over ten percent of water falling on the roof surface area shall have a diameter of at least six inches.
- (3) Engineered design required for larger lots. All yard drainage on lots over 22,500 square feet must be designed by an engineer.

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- (4) Tie-ins. All yard drainage must tie into an existing public storm sewer inlet when there is an inlet within 200 feet of the property and access is available through a public right-of-way or drainage easement, with the following exceptions.
- a. When there is no inlet within 200 feet and a curb cut is the desired relief into the public right-of-way or drainage easement, it must be done as prescribed by the city standard detail.
- b. When the existing drainage outfall is to a natural ravine, ditch or bayou, the outfall system must be designed by an engineer so as to protect against erosion. Drainage to a natural ravine, ditch or bayou shall not exceed pre-development flows. Any outfall modifications require county flood control approval where the outfall is located within a drainage way under the jurisdiction of the county flood control district.

*****Drawings for drainage system must include and show all drainage pipe sizes, grates sizes, locations, top of grate(s), flow line(s) elevations (elevations for area surrounding each grate that will be draining same and/or points of flow for water removal for other applications), clean-out locations, downspout drop locations and bubble box locations (clean-outs or boxes are required at all changes in direction). A bubble box may be used in conjunction with a city curb inlet, which must be purchased from the city, due to no penetrations allowed in curb. If the city's storm drain system is within 200 feet of this location it must attach and empty into that storm drain system. Also, a detail drawing of the means of attachment into the cities storm drain system must be provided with the application.

General Information for contractor use:

**All lots over 22,500 sqft must be prepared by Professional Engineer. **
Is all underground pipe 8" PVC (SDR35 or equivalent)? (yes or no)
Are all area drains 12x12 metal grates or larger? (yes or no)
Is there a minimum grade of 0.52% (approx. &' per 100 L.F.)? (yes or no)
Does drainage system empty into an HCV-approved storm sewer or outfall? (yes
or no)

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HOLD HARMLESS ACKNOWLEDGMENT - DRAINAGE

Oate:		_
Name:		_
Job Address:		_
Company / Contractor:		
permission to install and operate a of way located within, or abutting, system to drain the ground within	eferenced property, I (we), the undersigned, are requesting drainage system within certain utility easements or public right our front, back or side yard. I (we) propose to use the drainage the utility easement/public rights-of-way to maintain the heat wing there and thereby to benefit our own property.	nts ge
nstallation and operation of the pathe drainage system facilities that of way shall be installed and open manner impairing the use of the uvillage, Center Point Energy, the governmental entity, and that it is facilities if requested to do so by a ndemnify and hold harmless the Civillages Water Authority, and arresponsibilities for, such easements	inters Creek Village's (the "City") issuance of a permit for the proposed drainage system, I (we) agree and acknowledge the I (we) propose to locate within the utility easements/public right ated in such manner as to avoid restricting, impeding or in a tility easement/public rights or way by the City of Hunters Cree Memorial Villages Water Authority, or any other public utility my (our) obligation to remove or relocate the drainage system governmental entity or public utility. Additionally, I (we) here city of Hunters Creek Village, Center Point Energy, the Memory other governmental entity or public utility with rights in, ants/rights of way, from any and all damages or losses arising with the installation, presence, or operation of any irrigation of the cerate therein.	nai nts ny ek oi em by ria no
Signature:	Date:	
	ner)	
Signature:	Date:	
(Cont	ractor)	
STATE OF TEXAS COUNTY OF HARRIS	§ §	
This instrument was acknowledge	ed before me on this day of 20	
(seal)	Notary Public, State of Texas	

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Permit Application

Date:	Job	Site Address:				
Permit Type:						
□ New Residence	Plumbing	□ Pool	Driveway	□ Deck		
□ Comm. Build	□ HVAC	□ Fence	□ Demo	Irrigation		
□ Remodel	□ Signs	□ Roof	Drainage	Generator		
□ Electrical	□ Channel Bank	k Stabilizer	□ Tree	□ Fire Sprinkler		
Value of Work: \$		Total Affe	cted Square Foo	tage:		
Description of Work	K:					
Property Owner Info	ormation					
Name	Phone	Phone Number				
E-Mail		Fax N	Fax Number			
Architect / Designer	Information					
Architect / Designer	IIIIOIIIIaliOII					
Name	Phone	Phone Number				
E-Mail		Fax N	Fax Number			
Contractor / Subcor	ntractor Information					
Company Name		Phone	Phone Number			
Employee Name [F	rinted]	Fax N	Fax Number			
Employee Signatu	re	E-Mai	E-Mail			
Company Address	, City, Zip					
	CKS, CASH, & CREDIT CA OF HUNTERS CREEK WI			UST BE REGISTERED WITH ENSE ON FILE.		
	01	FFICE USE ON	LY			
		oved \Box	Denied			
Comments:						
Signed By:		Title:				