



**LIBERTY COUNTY**  
**Permitting and Inspection Department**  
624 Fannin Street, Liberty, Texas 77575  
Phone: (936) 336-4560

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RE: Culvert Instructions

Dear property owner,

Please see the attached culvert permit you requested. Culverts can be installed by the homeowner or a company of your choosing.

**As of October 3, 2022, all culvert installations and inspections in Precinct 3 or 4, must be done within 90 days after the day of purchase of the permit.** Once the 90 days pass, if the permit is returned to you without a signature or they (your installer) never returned the permit back, that means you did not pass inspection. **You will have to renew the permit and pay \$75.** You will then get an additional 90 days to install and pass inspection.

If it passes inspection, the inspector will sign the very bottom of the culvert permit and if you hire an installer, they will return the permit to you signed. If it doesn't pass inspection within 90 days, then you or the installer will have to pay a re-inspection fee of \$50.

Also, if you could please have the address written on something big, so when the inspector goes out there, they can find the property easier.

**For all inspections, please call the office at the number above. If you have an installer, it is your responsibility to get the permit back signed.**

If you have any questions, please call the number above.



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REFERENTE: Instrucciones de Alcantarilla

A los propietarios de terrenos,

Adjunto a este documento está el permiso que usted está pidiendo. Las alcantarillas pueden ser instaladas por el propietario de la vivienda o por una compañía de su elección.

**A partir del 3 de octubre de 2022, todas las instalaciones e inspecciones de alcantarillas en el Precinto 3 o 4 deben realizarse dentro de los 90 días posteriores a la fecha de compra del permiso.** Una vez que pasan los 90 días, si le devuelven el permiso sin una firma o ellos (su instalador) nunca le devolvieron el permiso, eso significa que usted no pasó la inspección. Tendrá que renovar el permiso y pagar \$75. Luego obtendrá 90 días adicionales para instalar y pasar la inspección.

Si pasa la inspección, el inspector firmará la parte inferior del permiso de alcantarilla y, si contrata a un instalador, le devolverá el permiso firmado. Si no pasa la inspección dentro de los 90 días, usted o el instalador tendrán que pagar una tarifa de re-inspección de \$50 y arreglar lo que estaba mal.

Además, si pudiera tener la dirección escrita en una madera, para que cuando el inspector salga, pueda encontrar la propiedad más fácilmente.

**Para todas las inspecciones, llame a la oficina al número que está arriba. Si tiene un instalador, es su responsabilidad que le regresen el permiso firmado.**

Si tiene alguna pregunta, llame al número que está arriba.

Gracias

David Douglas, Administrator

Raquel Lule, Senior Permit  
Clerk

Sandra Lazo, Permit Clerk

Nancy Galvan, Permit Clerk

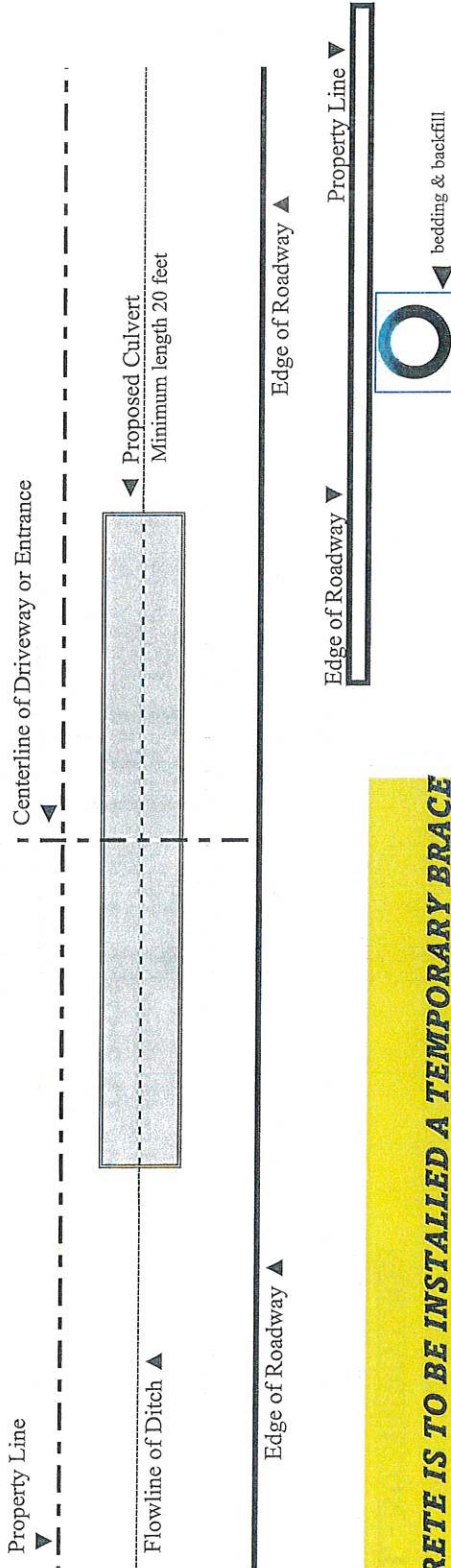
Piedad Aragon, Permit Clerk

Alfredo Franco, DR

Hannah Farmer, Inspector

Cecily McKinney, Inspector





**\*\*IF CONCRETE IS TO BE INSTALLED A TEMPORARY BRACE MUST BE USED IN BOTH ENDS OF CULVERT FOR SUPPORT DURING POURING TO PREVENT COLLAPSE\*\***

**RESIDENTIAL**

- 1. MUST CALL PERMITTING DEPARTMENT OR COMMISSIONER TO VERIFY SIZE REQUIREMENTS PRIOR TO ANY INSTALLATION**
- 2. MINIMUM** length of culvert is 20 feet, and the maximum length is 28 feet.
- Culverts must be corrugated polyethylene dual wall pipe with plain end.
- Placement of the bedding must be at least 12 inches into the bottom of the ditch  
Bedding, backfill and top cover material shall be from end to end (whole length of culvert)
- Culverts shall be bedded atop an 8-inch-thick layer** of stabilized sand, limestone road base or crushed concrete.  
Flowline must conform to the Flowline elevation of the ditch. Sidewalls shall allow for a minimum backfill of 12 inches of stabilized sand, limestone road base or crushed concrete on both sides. Culvert sidewalls backfill and surface layer fill shall be of like material. Surface coverage will be 8 inches thick and of a like material.
- Liberty County reserves the right to remove culverts that are un-permitted and/or do not comply with installation methods or materials.

**COMMERCIAL - NON-SUBDIVISION**

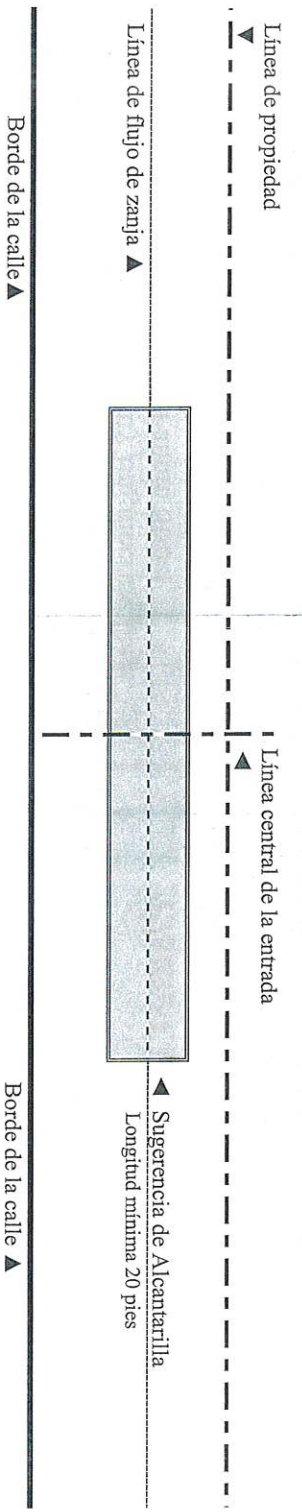
- 1. MUST have sizing inspection prior to any installation.**
- Culverts 30 feet wide or longer must have a clean out in the center.

**\*\*NOTE\*\* there is a re-inspection fee of \$50.00**

<b>CULVERT INSTALLATION</b> <b>Plan View for all Materials</b>	
Liberty County Engineering Dept. 624 Fannin Street Liberty, TX 77575 936-336-4560	<b>Please Call</b> <b>To Verify Culvert Size</b>

**\*\*Please see the attached Resolution for complete information on the requirements for culvert installations\*\***





**\*\*SI SE VA A INSTALAR CONCRETO, UN APOYO TEMPORAL DEBE UTILIZARSE EN AMBOS EXTREMOS DE LA ALCANTARILLA PARA SOPORTE DURANTE EL VERTIDO PARA EVITAR COLAPSO\*\***



- 1. DEBE LLAMAR AL DEPARTAMENTO DE PERMISOS O AL COMISIONADO PARA VERIFICAR LOS REQUISITOS DE TAMAÑO ANTES DE LA INSTALACION.**
- La longitud MÍNIMA de la alcantarilla es de 20 pies y la longitud MÁXIMA es de 28 pies.
- Las alcantarillas deben ser de tubería de pared doble de polietileno corrugado con un extremo liso.
- La colocación de los materiales debe ser de al menos 12 pulgadas en el fondo de la zanja, el relleno y el material de la cubierta superior deben ser de extremo a extremo (toda la longitud de la alcantarilla)
- Las alcantarillas se instalarán sobre una capa de 8 pulgadas de espesor de arena estabilizada, base de caliza para caminos u hormigón triturado. La línea de flujo debe ajustarse a la elevación de la línea de flujo de la zanja. Las paredes laterales deberán permitir un relleno mínimo de 12 pulgadas de arena estabilizada, base de piedra caliza o concreto triturado en ambos lados. El relleno de las paredes laterales de la alcantarilla y el relleno de la capa superficial deben ser de un material similar. La cobertura de la superficie será de 8 pulgadas de espesor y de un material similar.
- El condado de Liberty se reserva el derecho de eliminar las alcantarillas que no están permitidas y/o no cumplen con los métodos o materiales de instalación.

**COMERCIAL - NO SUBDIVISIÓN**

**\*\*NOTA\*\* hay una tarifa de reinspeccion de \$ 50.00**

- 1. DEBE tener una inspección de medida antes de cualquier instalación.**
- Las alcantarillas de 30 pies de ancho o más deben tener un orificio de drenaje en el centro.

<b>INSTALACIÓN DE ALCANTARILLAS</b>	
Veya el plano de todos los materiales	
Liberty County Engineering Dept. 624 Fannin Street Liberty, TX 77575 936-336-4560	<b>Por favor llame Para verificar la medida de la alcantarilla</b>

**\*\*Consulte la Resolución adjunta para información completa sobre los requisitos para las instalaciones de alcantarillas\*\***

## RESOLUTION

### **A Resolution By The Commissioners' Court Of Liberty County, Texas; Said Resolution updating Specifications For Culverts And Driveways That Are Placed On Public Right-Of-Way,**

**WHEREAS**, the Liberty County Commissioners' Court did act in 2020 to adopt certain regulations relating to subdivision development; and

**WHEREAS**, storm water handling was a critical component of this document; and

**WHEREAS**, storm water drainage has always been a major concern of the County; and

**WHEREAS**, the Commissioners' Court perceives a need to strengthen requirements relating to culverts, driveways and storm water ditches located on public right-of-way ; and

**WHEREAS**, the Commissioner's Court deems this subject essential to ensure adequate drainage and does herein authorize that all culvert installations require a permit, same to be issued by the Liberty County Permitting Department.

**NOW, THEREFORE, Be It Resolved By The Commissioners' Court of Liberty County, Texas that:**

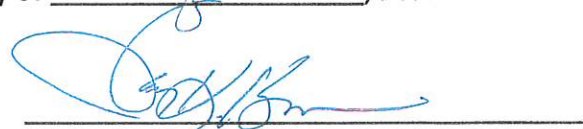
- (a) Culvert installations shall comply with the specifications contained in this Resolution and/or an equivalent as determined by the respective County Commissioner.
- (b) All **residential driveways** located on public right-of-way shall have a Twenty Foot (20') minimum width and **must be installed in advance** of any lot development.
- (c) The maximum length of a **residential culvert** shall be Twenty Eight (28) Feet. The maximum length of **commercial driveways** shall be Fifty (50) Feet. Driveways exceeding Thirty (30) Feet shall have a clean out box at their center point.
- (d) Culvert sizing shall be performed by the Liberty County Permitting Department or the Precinct Commissioner in whose precinct the work is located.
- (e) Culvert installers are cautioned to establish a flowline elevation that will allow a minimum of eight (8) inches of surface cover and still produce a driveway surface that is flush to the adjoining road.
- (f) Culverts shall be bedded atop a twelve (12) inch thick layer of stabilized sand, limestone road base or crushed concrete. Similarly, the front slope, back slope and surface of the installation shall be back filled with stabilized sand, limestone road base or crushed concrete. The flowline of the culvert must conform to the flowline elevation of the ditch. Sidewall ditch excavation shall allow for a minimum backfill width of twelve (12) inches on either side. Culvert sidewall backfill and driving surface layer must conform to those materials specified above in this line item.



- (g) Driveway vertical sidewall construction shall conform to the width that will allow the proper installation of bedding material, said material to conform with that specified above.
- (h) An adjoining land owner shall not in any way obstruct culverts or storm water ditches and shall exercise caution to ensure that wash sand, trash, building materials and/or other foreign materials are not allowed to accumulate in storm water ditches.
- (i) Individuals may elect to install their own driveway culvert. This is allowable but a permit must be secured and the Commissioner of the precinct must approve this type of installation.
- (j) The proposed culvert must be sized by the Liberty County Engineering Department or by a representative from the appropriate Commissioner's precinct. Persons who elect to install their own culvert must comply with the bedding, backfill and driving surface materials specifications above.
- (k) Culverts shall be corrugated Polyethylene dual wall pipe with plain black end. Other types of culvert pipe may be used If approved by the Precinct Commissioner.
- (l) Liberty County Commissioners reserve the right to remove culverts that are unpermitted and/or do not comply with installation methods or materials.
- (m) Failure to comply with this resolution shall be a Class C Misdemeanor that is punishable by a fine of up to \$ 250.00. Each day of non-compliance shall constitute a new and separate offense.
- (n) The above shown details (A – M) are subject to change with permission from the precinct Commissioner

PASSED AND APPROVED this the 9<sup>th</sup> day of August, 2022

ATTEST:   
Lee H. Chambers, County Clerk

  
Jay Knight, Liberty County Judge

