



CITY OF ST. GEORGE MUNICIPAL SERVICES

proudly served by **IBTS**

DRAINAGE INSTALLATION OR MODIFICATION PERMIT

11207 Proverbs Ave., St. George, 70816

| P: 225.447.9962

| engineering@stgeorgela.gov

| stgeorgela.gov

This permit is being issued and serves as acknowledgment for the below listed property owner to install and backfill culverts under the following terms and conditions per the City of St. George. **SEE NOTES AT BOTTOM OF THIS PAGE**

Property Owner Name _____

Property Address _____

Contractor (APPLICANT) Name _____

Contractor (APPLICANT) Phone No. _____

APPLICANT SIGNATURE: _____ DATE: _____ **Also initial acknowledgement of NOTES below**

Front _____ Rear _____ Side _____ Driveway _____ Other _____

PERMIT EXPIRES 120 DAYS FROM THE DATE ISSUED

Total Number of Catch Basins _____ Maximum Spacing of Catch Basins _____

See attached installation requirements

DESCRIPTION OF WORK: (attach plan or sketch – by hand is acceptable) _____

FOR REQUIRED INSPECTIONS, CONTACT ENGINEERING @ 225.447.9962

FOR OFFICE USE ONLY:

Size Pipe Required: _____

Issued By: _____ Date Issued: _____

NOTES:

- Culvert and Material Specification are provided on the following pages.
- Installation shall comply with the East Baton Rouge Parish Standard Specifications for Public Works Construction, Latest Edition.
- Call Louisiana One Call (811), LA State Law, Sec. R.S. 40:1749 requires excavators and demolishers to notify a Regional Notification Center by telephone in advance of any excavation or demolition activity.
- Call Baton Rouge Traffic Engineering (225-389-3426) to locate signal light cable locations. One Call does not locate traffic cables.
- Positive drainage must always be maintained.
- All disturbed areas must be covered with sod prior to FINAL INSPECTION and Acceptance of work described herein.
- A MINIMUM of one (1) foot of cover must be maintained with PVC or CMP pipes.
- MINIMUM pipe size is 15-inch diameter.
- Two (2) inspections required: Contact the City of St. George Engineering department for inspections (prior to covering the work, and for a final inspection).
- THE INSTALLATION OF THESE IMPROVEMENTS SHALL POSE NO ADVERSE IMPACT TO THE PUBLIC. THESE IMPROVEMENTS ARE REQUESTED TO BE INSTALLED WITHIN A PUBLIC RIGHT-OF-WAY, SERVITUDE, AND OR DRAINAGE WAY AND BECOME PUBLIC LIABILITY. FAILURE TO COMPLY WITH ANY OF THE PROVISIONS OF THIS PERMIT MAY RESULT IN THE CITY OF ST. GEORGE IMPOSING PENALTIES AND REVOKING THE PERMIT.
- BY SIGNING THIS PERMIT, THE APPLICANT WARRANTIES THE WORK FOR A PERIOD OF 12 MONTHS AFTER THE FINAL INSPECTION.

I have read, understand, and acknowledge that I will comply with the above Notes: _____





Installation Requirements

Catch Basin Requirements:

- All catch basins shall consist of a formed concrete base with walls constructed of formed concrete, or SOLID concrete block with seams, interior and exterior coated with 3/8-inch non-shrink grout.
- All catch basins shall measure a minimum of 24" x 24" frame and grate.
- Catch Basin spacing as determined by the City of St. George Engineering Department (50 feet in most cases).
- Catch Basins are required to be installed at transitions between pipes of different materials.
- All Catch Basins shall conform to City-Parish DPW Standards, latest edition.

Other Construction Requirements:

- Contractor to reference the East Baton Rouge Parish standard specifications for Public Works Construction, including but not limited to the following sections:
 - Section 701 (Culverts and Storm Drains), Section 702 (Drain Manholes, Inlets and Junction Boxes), Section 1001 (Aggregates), Section 1005 (Portland Cement Concrete), Section 1006 (Reinforcing Steel), Section 1010 (Masonry Units), Section 1011 (Structural Metals), Section 1012 (Paint), Section 1015 (Drain Pipe), Section 1017 (Precast Concrete Sewer and Drain Units), Section 1022, Landscape and Erosion Control Materials)
- Contractor to reference the East Baton Rouge Parish standard details, including but not limited to the following sections:
 - 701-01 "Standard Bedding and Backfill Details for Storm Drainage Conduit", 702-20 "Cast Iron Grate Inlet and Junction Box", 702-21 "Yard Drain", 702-96 "Cast-In-Place Drainage Structures (Structural Details)", 702-97 "Precast Drainage Structure (Structural Details)", and 702-99, Sheet 3 "Frames, Grates, and Covers for Inlets and Manholes".
- Contractor is responsible for determining elevations of existing tie-in locations and notifying the City Engineer of any potential drainage problems.
- All tie-ins to existing pipes must be built to match the inverted elevation of the existing pipe.
- Contractor shall contact St. George Engineering for inspection of pipe and bedding (before backfilling), and for final inspection when project is complete. The contractor shall give the Engineering Department 48-hour notice before the inspection is required.
- Typical sizing options are found below within this document. THE ENGINEERING DEPARTMENT AND CITY OF ST. GEORGE RESERVE THE RIGHT TO REQUIRE LARGER PIPE SIZES THAN THE ATTACHED OPTIONS BASED ON INDIVIDUAL CIRCUMSTANCES.
- The use of a Mar-Mac dissimilar pipe coupler is allowed when there's a pipe transition location not suitable for a catch basin. This use must be authorized by City of St. George Engineering prior to the work.





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Installation Requirements

Pipe Requirements:

OPTION A:

1. 15" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasket joints.

Or

2. 15" Polyvinyl Chloride Pipe (PVC), ASTM-F794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth well pipe.

Connecting joints for all pipes (concrete, metal, and plastic) shall be LADOTD Type 3 (10.8 psi water-tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the City of Baton Rouge and Parish of East Baton Rouge Standard Detail 701-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe.")

CMP or PVC pipes must have a minimum of 1 foot of soil cover over the top of the pipe to be utilized.





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Installation Requirements

Pipe Requirements:

OPTION B:

1. 18" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasket joints.

Or

2. 18" Polyvinyl Chloride Pipe (PVC), ASTM-P794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth wall pipe.

Connecting joints for all pipes (concrete, metal, and plastic) shall be LADOTD Type 3 (10.8 psi water-tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the City of Baton Rouge and Parish of East Baton Rouge Standard Detail 701-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe.")

CMP or PVC pipes must have a minimum of 1 foot of soil cover over the top of the pipe to be utilized.





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Installation Requirements

Pipe Requirements:

OPTION C:

1. 24" Reinforced Concrete Pipe (RCP), ASTM C-76 Class III Wall B, with "O-RING" or rubber gasket joints.

Or

2. 24" Polyvinyl Chloride Pipe (PVC), ASTM-P794 Series 46 for ribbed, or AASHTO M278 for 15" and ASTM-F679 for pipe larger than 15 inches for smooth wall pipe.

Connecting joints for all pipes (concrete, metal, and plastic) shall be LADOTD Type 3 (10.8 psi water-tight). All joints shall be wrapped with geotextile fabric for a minimum of 12 inches on each side of the joint for conduit 36 inches in diameter or less, and a minimum of 18 inches on each side of the joint for conduit greater than 36 inches in diameter. Bedding and backfill requirements shall be in accordance with the City of Baton Rouge and Parish of East Baton Rouge Standard Detail 701-01 ("Standard Bedding and Backfill Details for Storm Drainage Pipe.")

CMP or PVC pipes must have a minimum of 1 foot of soil cover over the top of the pipe to be utilized.

