

## ***EROSION & SEDIMENT CONTROL OF SINGLE LOT RESIDENTIAL CONSTRUCTION***

When you build a house or develop a single lot, you shall have a Small Lot Erosion & Sediment Control and Access to Public Right-of-Way Permit from the City of Kingsport. To acquire the permit, the owner / developer / builder of the single lot shall complete the application provided by the city's Traffic Division; and comply with the requirements as referenced in this brochure. If you are building more than one house or disturbing more than one acre of land, then call Engineering at 423.229.9475.

### **SILT FENCE SPECIFICATIONS**

Synthetic filter fabric shall be a pervious sheet of propylene, nylon, polyester or ethylene yarn and shall be certified by the manufacturer or supplier. (Type 'B' as described in the TDEC Erosion and Sediment Control Handbook).

### **CONSTRUCTION ENTRANCE / EXIT**

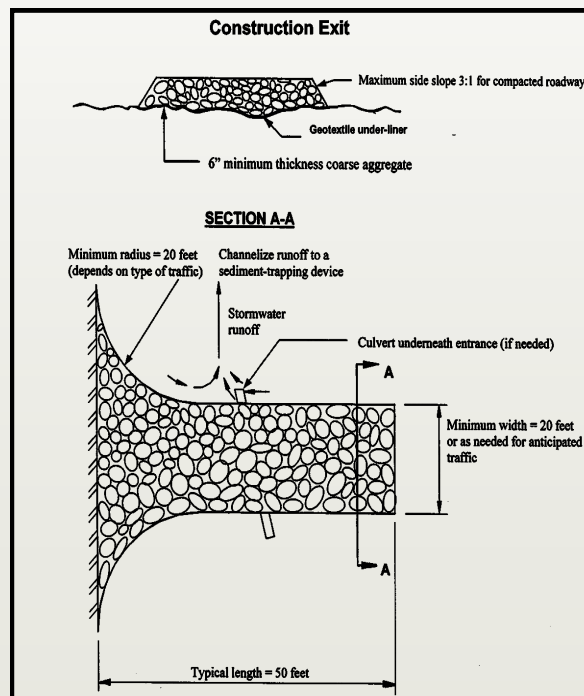
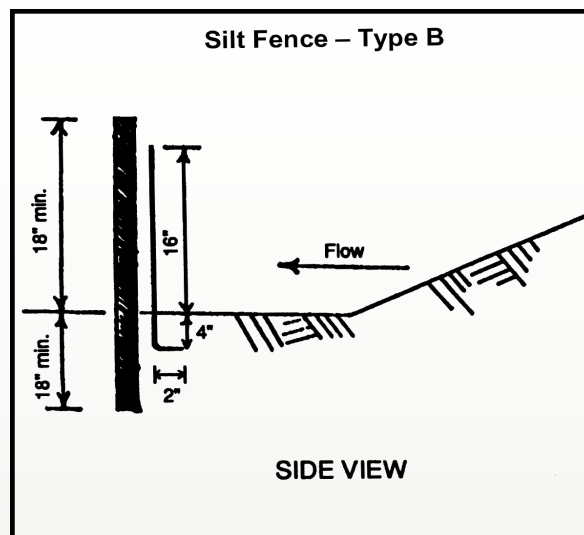
A gravel construction entrance is a pad of crushed stone that reduces the tracking of mud onto a paved street. To construct the pad, place a layer of TDOT designation #1 or #2 stone across the full width of the vehicle ingress and egress area. The stone pad length shall be determined by City staff and at least 6 inches thick. Additional stone may have to be added periodically to maintain the proper functioning of the pad. If the crushed stone does not adequately remove the mud from vehicle wheels, the wheels shall be hosed off before the vehicle enters a public street. The washing shall be done on an area covered with crushed stone.

### **SITE CONDITIONS**

It is the responsibility of the property owner / contractor to ensure all construction debris and waste material be contained on property and disposed of properly.

*Remember—*

Silt fencing shall be installed on contours;  
All erosion prevention and sediment control measures shall be installed and functional prior to land disturbance.



*Remember—*

Keep the mud/dirt on your site;  
Make sure everyone uses the construction exit  
even if you have to install barricades.



## **The Basics For**

## **Access to Public Right-of-Way, Excavation/Drainage/Utility and Erosion & Sediment Control of Single Lot Residential Construction**



*The primary purpose of  
erosion control is to keep  
your dirt on your property*

Permit May Be Obtained By Calling  
423.229.9487 Traffic Department

It is the

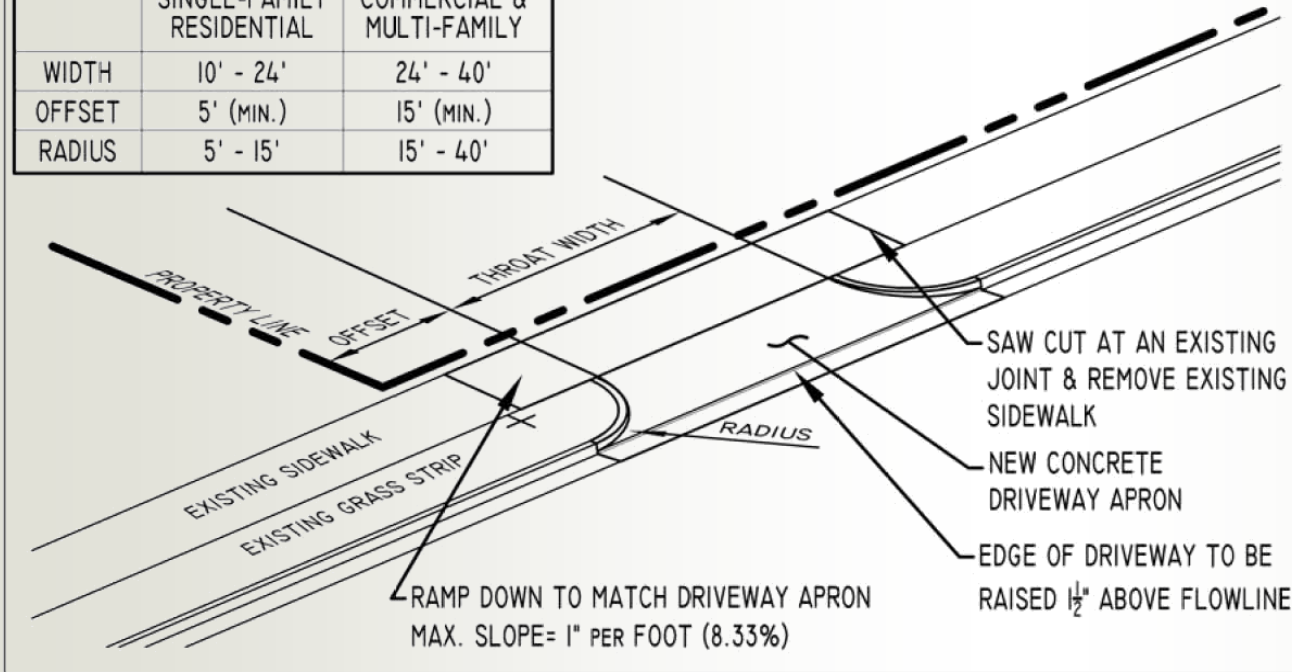
responsibility of the property owner / contractor  
to maintain cleanliness of the roadway  
at *all* times during *all* phases of construction.

ROW

DRIVEWAYS

### DIMENSION KEY

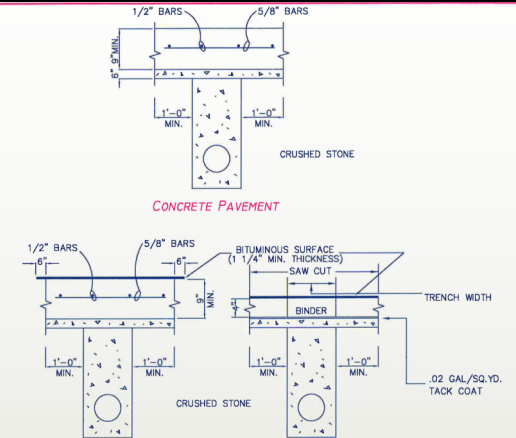
	SINGLE-FAMILY RESIDENTIAL	COMMERCIAL & MULTI-FAMILY
WIDTH	10' - 24'	24' - 40'
OFFSET	5' (MIN.)	15' (MIN.)
RADIUS	5' - 15'	15' - 40'



### Driveway Permit

- Driveway shall be constructed from edge of roadway to back of right-of-way
- All driveways shall be a minimum of 5' from all fire hydrants, utility poles or utility equipment, and 6" from any water meter
- Concrete shall be a minimum of 6" thickness and a minimum of 3000 psi in driveway apron / throat / sidewalk
- Adequate sight distance shall be maintained in accordance with latest AASHTO "Green Book"
- Detailed specifications can be obtained by calling 423.229.9487

### EXCAVATION / DRAINAGE / UTILITY



BITUMINOUS SURFACE  
CONCRETE BASE

BITUMINOUS PAVEMENT

1. ONE-HALF OF THE TRAVELED PORTION OF THE PAVEMENT SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
2. EXISTING PAVEMENTS, BASES, CURBS AND GUTTERS AND SIDEWALKS SHALL BE CUT AND BROUGHT TO A NEAT LINE BY MECHANICALLY SAWING OR BY USE OF AN AIR HAMMER. EXPANSION JOINTS REMOVED SHALL BE REPLACED.
3. ALL UTILITY CUTS IN A ROADWAY SHALL BE SAW CUT AND BACKFILLED WITH MINERAL AGGREGATE BASE COMMONLY REFERRED TO AS PUG MILL. THE BACKFILLING SHALL BE IN LIFTS WITH SUFFICIENT COMPACTION TO PASS 85% OF SOLID ROCK AS DETERMINED BY AASHTO-T98 (APPROXIMATELY 140 P.C.F.)
4. MATERIALS AND WORKMANSHIP SHALL COMPLY WITH 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' ISSUED BY TDOT. ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF KINGSFORT ENGINEERING DEPT.
5. TRENCHES UNDER ROADWAYS SHALL BE BACKFILLED TO THE BASE OF THE PAVEMENT OR A MINIMUM OF 4" BELOW FINISHED GRADE, WHICHEVER IS GREATER, WITH CRUSHED STONE. PAVEMENT SHALL BE REMOVED FOR A MINIMUM OF ONE-FOOT ON EACH SIDE OF THE TRENCH. THE DEPTH OF THE PATCH SHALL BE THE DEPTH OF THE EXISTING PAVEMENT OR 4 INCHES, WHICHEVER IS GREATER. THE PATCH SHALL BE FINISHED SO AS NOT TO LEAVE A BUMP OR DIP IN THE FINISH GRADE. PAVEMENT SHALL BE REPLACED IN KIND AS SHOWN OR AS DIRECTED BY THE CITY OF KINGSFORT ENGINEERING DEPT.

DRAWING TITLE	SCALE	DRAWING NO.	REV.
OPEN CUT TRENCHING, BACKFILLING, & REPLACEMENT	N.T.S.	A6.7	

### Excavation Permit

- All drainage modifications shall be approved by the Streets Supervisor
- Erosion control matting shall be used, **No straw** shall be used
- All drainage pipe installed within City right-of-way shall have minimum of 4" coverage with crusher run stone, and shall be increased to 24" under roadways
- Bonding shall be determined by the City Engineer at 423.229.9475
- Any utility damages caused during project shall be reported to the City of Kingsport Central Dispatch at 423.246.9111
- All drainage pipe material type, size, and length shall be approved by City staff



Public Works ♦ 225 W. Center Street ♦ Kingsport, TN 37660  
423.229.9487 ♦ 423.245.2260 Fax ♦ [www.kingsporttn.gov](http://www.kingsporttn.gov)

DATE: \_\_\_\_\_

PERMIT NO.: \_\_\_\_\_

☐

Public Access ROW

☐

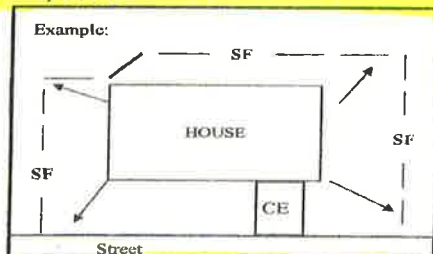
PERMIT for

Excavation / Utility

☐

Erosion Control

When developing a single lot, you shall obtain a Small Lot Erosion Prevention & Sediment Control Plan and Pubic ROW Access Permit from the City of Kingsport before a Building Permit will be issued. To comply with all requirements, the owner/developer/builder of the single lot shall complete this form. **The City of Kingsport reserves the right to require modification of the permit should conditions warrant.**



Sketch Plat: Include structures, flow patterns, silt fences, construction entrance/exit, nearest street, streams, stormwater conveyances, inlets, catch basins and downspouts.

Sketch:

#### APPLICANT / PROPERTY OWNER

Name: \_\_\_\_\_ Business Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone No.: \_\_\_\_\_

#### LOCATION OF WORK / EXCAVATION

Street Address: \_\_\_\_\_ Route or Local: \_\_\_\_\_  
State Route #: \_\_\_\_\_

#### CONSTRUCTION TYPE

☐ Residential

☐ Non-Residential / Commercial

\_\_\_\_ Single Family

Business Use: \_\_\_\_\_

\_\_\_\_ Multi-Family

Number of Driveways: Proposed \_\_\_\_\_ Approved \_\_\_\_\_

No. of Units \_\_\_\_\_

Comments: \_\_\_\_\_

#### REQUIREMENTS

- The applicant hereby agrees to comply with all provisions of the code, ordinances, specifications, standards, manuals and regulations of the City of Kingsport, Tennessee
- All roads / lane closures shall be reviewed and approved by the Traffic Division.
- Driveway permit shall expire 180 calendar days
- Erosion control permit shall remain in full effect until site stabilization

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Application Approved: \_\_\_\_\_ Date: \_\_\_\_\_