

**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 R.O.W. 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

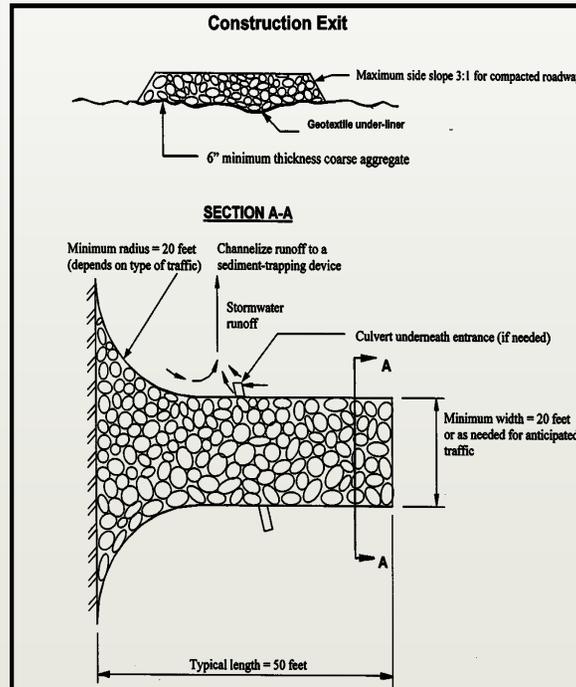
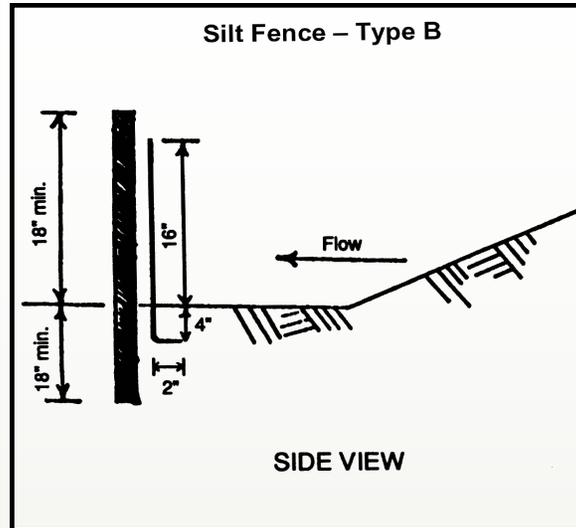
A gravel construction entrance is a pad of crushed stone that reduces the tracking of mud onto a paved street. To construct the pad, place a layer of TDOT designation #1 or #2 stone across the full width of the vehicle ingress and egress area. The stone pad length shall be determined by City staff and 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

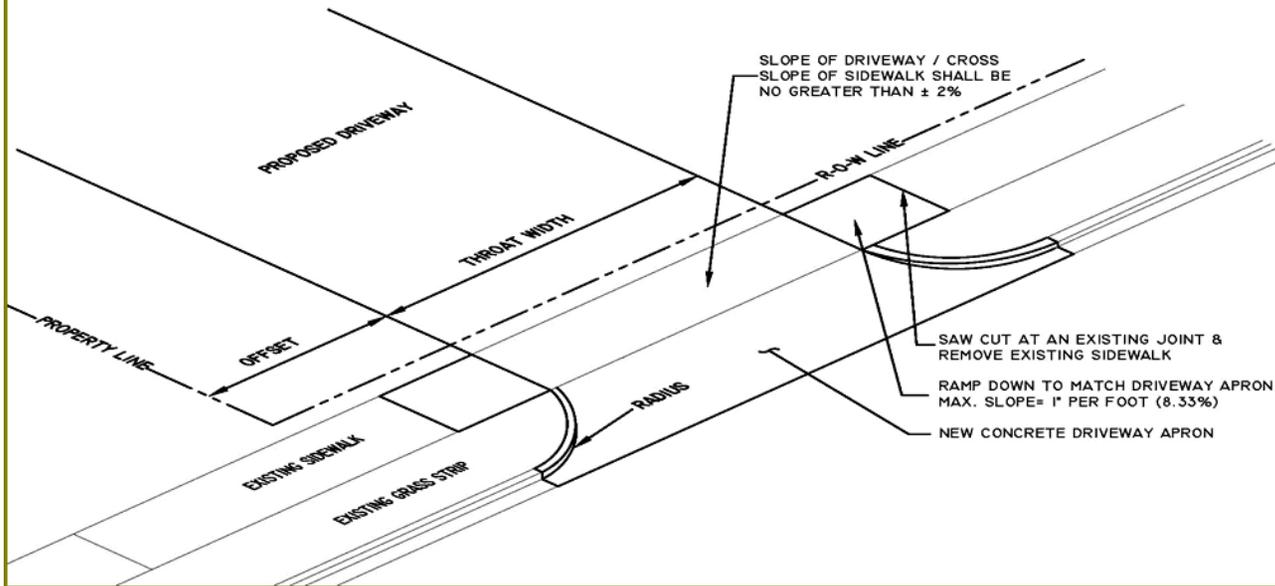
Permit May Be Obtained By Calling
423.224.2426 R.O.W. Superintendent

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

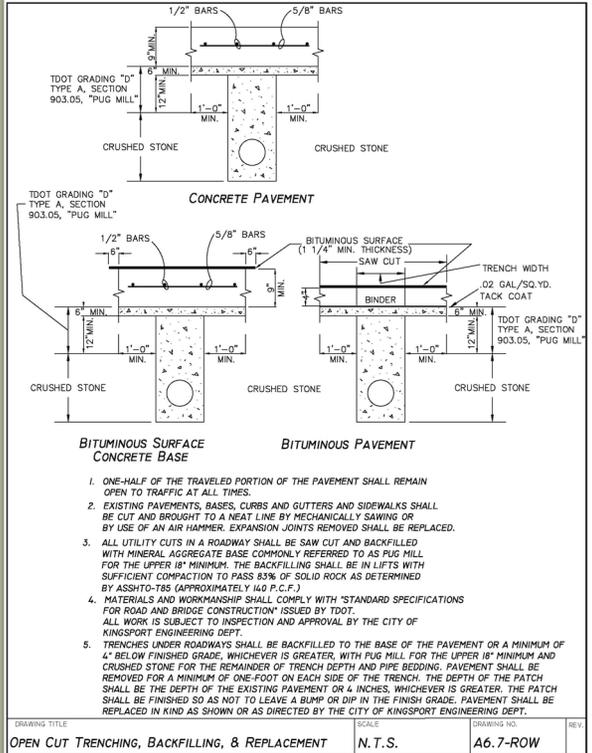
DIMENSION KEY		
	SINGLE FAMILY RESIDENCE	COMMERCIAL & MULTI-FAMILY
WIDTH	10'-24'	24'-40'
OFFSET	5' MIN.	15' MIN.
RADIUS	5'-15'	15'-40'



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 423.224.2426

EXCAVATION / DRAINAGE / UTILITY



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 / pug mill, 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