Residential Single-Family or Two-Family Dwelling
Plan Review Checklist
(OLD TOWN)

*Use this application for Old Town District development only. See enclosed map.

Please use this checklist to ensure all necessary paperwork is submitted for plan review of:
- Single-family detached homes
- Two-family attached dwellings such as duplexes.

In order to streamline our review process and maintain a high level of customer service, we will no longer be able to accept plans missing required paperwork.

Complete this required information for plan review:

- Building Permit Application
- Residential Zoning Form
- Construction Plans – foundation plan, floor plans, elevations, sections/details, electrical plan
- Site Plan – showing easements, lot dimensions, setbacks, proposed house location and flood zone (if applicable)
- Stormwater Erosion Control Form
- REScheck Form for each unit
- Window Energy Code Info and Manufacturer (U-factor and SHGC rating)
- Manual J, D and S Calculations for HVAC for each unit
- Inspection Checklist

Additional forms that may be required are:

- Owner/Builder Affidavit - If owner acts as their own contractor (must reside in house for 2 years)
- Flood Elevation Certificate – If house will be located in a flood zone
- Irrigation System Permit
- New Contractor Application – Required for contractors applying for their first permit in the city
- Authorization to Obtain Permits – Contractor form authorizing people to sign for permits on their behalf
- Co-Permittee Form – Contractor form regarding Storm Water Pollution Prevention Plan
- IL-NOI (Individual Lot Notice of Intent ) Form – Contractor form regarding Storm Water Pollution Prevention Plan
RESIDENTIAL SINGLE-FAMILY OR TWO-FAMILY DWELLING PERMIT APPLICATION

*Use this application for Old Town District development only. See enclosed map.

This checklist is to assist you when applying for a permit to construct a new residential dwelling. Proposed construction will also require review by Infrastructure and Zoning Division Staff to ensure compliance with City of Rock Hill land use and zoning regulations. The information needed on the attached forms must be provided by the property owner or the contractor and should be as complete and accurate as possible. General contractors are required to have a SC state license and a City of Rock Hill business license. Subcontractors are required to have a SC state license and a City of Rock Hill business license. For more information, see Contractor Licensing Information (http://www.cityofrockhill.com/Modules/ShowDocument.aspx?documentid=2137).

In addition to submitting paper copies of your plans for review, plans may be submitted for review digitally online at www.cityofrockhill.com/onlineservices.

Building Plans and Building Permit Application

Complete the attached Building Permit application and include the information listed below on your building plans. Please note, plans for detached single-family or two-family dwellings are not required to be sealed by an architect. See SCLLR Architectural Statutes and Regulations in Title 40, Chapter 3 for more information.

Construction plans or drawings should be no smaller than 11 inches by 17 inches and should include, at a minimum, the following:

- **Foundation plan** - Include overall foundation layout, type of foundation (crawl, slab) and pier location and sizes. Provide dimensions for all pier locations. Locate all foundation vents on crawl space plan. Foundation sections shall also be provided. In certain applications, queen's brick does not meet certain load bearing requirements in curtain wall assemblies. Please indicate the type of brick being used in these circumstances.
- **Floor joist layout** - Include size, type, span and direction of joists along with spacing.
- **Elevation Drawings** – Include front, rear, and side elevations.
- **Floor plan** - Include floor plan of each floor with dimensions and all rooms labeled. Provide window and door sizes along with header and structural information. Plans must be oriented as shown on the site plan. For example, if garage will be located on the left, the building plans must show the garage on the left.
- **Electrical plan** - Provide location of all outlets, GFCI outlets, lights, smoke detectors, carbon monoxide detectors and appliances along with water heater location with type labeled (gas or electric).
- **Mechanical and Energy Information**
  - **Manual J, S (equipment sizing) and D (ductwork) Calculations** - Supplied by the heating and air contractor.
  - **SEER ratings for all units**
  - **Duct insulation values**
  - **U-factors and SHGC values for windows**
  - **R values for all insulation**
  - **ResCheck** - A ResCheck form showing energy code information is required on any new construction or conditioned addition. Information included in a ResCheck will be wall sq. ft., ceiling/floor sq. ft., window sq. ft. and U values, door sq. ft. and values and insulations R-values. A ResCheck form can be completed online and printed out by going to https://energycode.pnl.gov/REScheckWeb/. The form must be signed and dated. For more info about energy codes, visit www.energycodes.gov.
  - **Wall framing details**, including cross section or “slice” that depicts the structure from the foundation through the roof and includes thickness of footings or slabs, size of studs, size of joists and rafters, bolting and anchoring, insulation and exterior finish.
  - **Braced Wall Floor plan & details**. Plans should show wall plan layout with shaded areas showing braced wall locations and should also indicate which type of braced wall is being used in those areas. Include a cross section or “slice” that depicts the structure from the foundation through to the top plate. Larger scale details shall be provided for the sill plate attachment, 1st and 2nd floor transition, and top plate attachment.
- **Roof plan** (bird’s eye view) and in the case of a complex or multi-level roof, a roof framing plan.
Please note, building plans that have been purchased online or by mail and are copyrighted must be submitted with the red stamp present on the plans. Duplicated plans will not be accepted for plan review and approval.

If you plan to build multiple homes with the same floor plan or model, you may be interested in obtaining Master Plan approval. Please see the checklist for Master Building Plan Approval for more information. Master plans may be used to expedite the permitting process for standardized or repetitively built floor plan.

**Site Plan and Residential Zoning Compliance Application Form**

Complete the attached Zoning Compliance form and attach a copy of the site plan of the property including the information listed below. A sample site plan is included in this packet. Your site plan should show the following:

- Property dimensions drawn to scale with the proposed building footprint (bird’s eye view) including decks and porches.
- The side (left and right), rear, and front setback dimensions from the dwelling to each property line.
- Any easements, rights-of-way, underground or overhead utilities.
- Location of the driveway and mailbox for addressing purposes.
- Location and dimensions of parking spaces (2 spaces required for each unit).
- Location of any required sidewalk to be installed. Show existing sidewalk if already in place. See information about sidewalks in this packet.
- Any required landscaping.

**Stormwater Erosion Control/Grading Permit**

Some locations require a grading permit. Please see the Stormwater Erosion Control Permit Information inside for more information about what type of permit you will need.

**Fees**

Permit fees and impact fees are required to be paid at the time you pick up your building permit and are described in detail in this packet. You may also need to pay water meter set fees if they have not been prepaid by the developer. See our Fee Schedule (http://www.cityofrockhill.com/Home/ShowDocument?id=2237) for those fees.

Please note that there may be other types of permits needed in addition to your building permit such as:

**Irrigation System Permit** (http://www.cityofrockhill.com/Modules/ShowDocument.aspx?documentid=2093) - A permit is required for the installation of an irrigation system and backflow preventer.


**Electrical Service Fees and Underground Electric Installation**

For most homes inside City limits, Rock Hill is the electric utility provider. For your convenience we charge the underground installation fee along with the building permit fee. When you are ready for the underground electric line to be installed you will need to fill out a Underground Electric Installation Request Form (included in this packet) and send it to the Utilities Department. This should be done when the meter base has been installed on the home but before you request your temporary power inspection.
Date: __________________________

Property Owner: ___________________________ Phone: ___________________________

Property Owner Address: __________________________________________________________

Construction Address: ____________________________________________________________ Subdivision: __________ Lot #: __________

Contractor Name: _________________________________________________________________ Phone: ___________________________

Contractor Address: ______________________________________________________________ State Lic.#: __________ City BL#: __________

Description of Work: _____________________________________________________________

Building Use: [ ] Non-Residential [ ] Single-Family Residential [ ] Multi-Family Residential [ ] Other

If non-residential OR other, please list type of business or use: ________________________________

Heated/Conditioned SF: ________ Unheated SF: ________ # Bedrooms: ________ # Baths: ________ Stories: ________ # of Buildings: ________ # of Units: ________

Are you upgrading or relocating your electric service? [ ] Yes [ ] No

Will a fire sprinkler system be installed or modified? [ ] Yes [ ] No

Heating: [ ] Gas [ ] Electric Water Heater: [ ] Gas [ ] Electric If all appliances are electric, residential customers may qualify for City Smart Choice rebates and loans.

Valuation of Work: $ __________________________ Total cost of project (Include site development, professional design, and all subcontractors; exclude land cost)

[ ] Attach a copy of your signed contract.

Electrical Contractor: __________________________ Phone: ___________________________ Contract Cost $ __________

Electrical Contractor Address: ______________________________________________________

Mechanical Contractor: __________________________ Phone: ___________________________ Contract Cost $ __________

Mechanical Contractor Address: ____________________________________________________

Plumbing Contractor: __________________________ Phone: ___________________________ Contract Cost $ __________

Plumbing Contractor Address: ______________________________________________________

Gas Contractor: __________________________ Phone: ___________________________ Contract Cost $ __________

Gas Contractor Address: __________________________________________________________

Other Contractor: __________________________ Phone: ___________________________ Contract Cost $ __________

Other Contractor Address: _______________________________________________________

Is this property located in a flood zone? [ ] Yes [ ] No If yes, what is the flood zone classification? __________

For projects with entrances on City maintained streets, will you need a culvert installed under your driveway? [ ] Yes [ ] No

(This should apply to properties located in older subdivisions or infill lots.) For projects with entrances on SCDOT maintained streets, please contact the SCDOT office at (803) 327-6186.


Certification

[ ] I certify to the best of my knowledge that all information provided herein is true and correct and all work performed under this permit shall conform to the plans and specifications herewith submitted and to all applicable Building Codes and Laws and Ordinances pertaining thereto.

[ ] By signing this application I certify that I have the authority to make the foregoing application and I am the property owner or an authorized agent for the company performing the work stated above. I understand that I must use contractors licensed or registered with the State of South Carolina. If I choose to represent myself as the owner/builder, I understand that I or my immediate family members are required to occupy the property, that only contractors and subcontractors duly licensed as required by the State of South Carolina and the City of Rock Hill must be used to perform work associated with this application and permit, and as owner/builder I may not rent, lease or sell the property for a period of no less than two years from the date of final inspection for which this permit is issued.

[ ] I further understand that if any information provided is found to be incorrect or falsely stated that this permit will be null and void and that I may be responsible for violation of other related state laws and local ordinances.

[ ] I certify no construction or portion of construction will be built over or under any electrical, water, sewer, storm water or any other utility easements or rights-of-way.

- Renovation and demolition of most facilities are subject to State and Federal asbestos regulations. The facility owner and the renovation or demolition contractor are both responsible for ensuring compliance with these regulations. Please visit http://www.scdhec.gov/environment/baq/Asbestos/regulatory_information.asp for more information. The EPA requires contractors to have a Lead Paint Removal Certification when working on a structure built before 1978. Visit http://www.epa.gov/lead/trp/contractors.html for more information.

Applicant Signature: ___________________________________________ Applicant Title: __________________________

(Applicant, Owner, Agent, etc.)

Applicant Printed Name: __________________________________________

Sworn to and subscribed before me
this __________ day of __________________________, 20________

Signature of Notary: __________________________________________

Notary Public for: __________________________________________

My commission expires: __________________________________________

OFFICE USE ONLY [ ] Approved [ ] Disapproved By: __________________________ Zoning Permit Required: [ ] Yes [ ] No

Occupancy Type: __________ Sub Occup. Type: __________ Construction Type: __________

Comments: __________________________________________________________

[ ] Valuation:

HEATED __________

UNHEATED __________

TOTAL __________

X:\PLNDCC\Planpdf\WORD DOCS for all\PERMIT_PACKET_RESIDENTIAL_BUILDING_OLD_TOWN_planDev_20180608.docx 3/7/2019

Page 5 of 37
ZONING COMPLIANCE APPLICATION FOR RESIDENTIAL

$20

A Certificate of Zoning Compliance is required for any residential development activity which requires a Building Permit. Allow 48 hours for processing. For new construction or additions, the permit fee is paid with the building permit fee. Please refer to sections 4, 5, and 6 of the Rock Hill Zoning Ordinance for specific standards. If the location is located in Old Town (see Old Town map), refer to the Old Town standards in Section 6-800[F] of the Rock Hill Zoning Ordinance.

Applicant Name: ____________________________________________________________

Applicant Mailing Address: _____________________________________________________________________________________

Property Owner: ____________________________________________________________

Property Owner Mailing Address: _____________________________________________________________________________________

Property Address: ____________________________________________________________

Subdivision: __________ Lot #: ______

ACTIVITY DETAILS:

☐ New Principal Structure (new home): New Sq. Ft. ________

☐ Addition to Principal or Accessory Structure: Addition Sq. Ft. ________

☐ New Accessory Structures (garages or storage buildings): New Sq. Ft. ________ Existing Sq. Ft. ________

Total Final Size of Principal Structure: ________ Total Size of All Accessory Structures*: ________

*Note: the size of the principal use must be provided to insure compliance with Section 4-400 of the Zoning Code – Accessory Uses and Structures. Generally the size if all accessory uses is limited to 30% of the principal use or 600 feet.

Are there any recorded deed restrictions or restrictive covenants that apply to this property which are contrary to, conflict with, or prohibit the permitted activity being requested? For example, is there a mandatory architectural review or homeowner association approval required?

☐ Yes ☐ No

If yes, please describe restrictions: ______________________________________________________________

SETBACKS: State the closest actual distance from the roof overhang to the following property lines:

Front: __________ Side [left]: __________ Side [right]: __________ Rear: __________

☐ Please attach a site plan indicating all existing and proposed improvements and the location of any utility or other easements.

UTILITIES: Property will be served by:

☐ Public water ☐ Well ☐ Sewer ☐ Septic tank ☐ Other: ______________________

The applicant certifies information on this application is true and correct. If any information is false or misleading, the zoning permit shall be considered void. This permit shall expire six (6) months from approval date if a Building Permit is not obtained or no activity occurs. Applicant also attests that there are no recorded deed restrictions or restrictive covenants that apply to this property which are contrary to, conflict with, or prohibit the permitted activity being requested.

_________________________________________ ☐ ______________________

Signature of Applicant Date

_________________________________________ ☐ ______________________

Applicant Printed Name Applicant Title

_________________________________________ ☐ ______________________

FOR OFFICE USE ONLY: Date Filed: __________________________ [ ] Fee Paid/ Receipt#: __________________________

If incomplete, returned: ☐ ☐ Zoning Action: [ ] Rejected: [ ] Approved [ ] Old town [ ] Conditional Approval/or Exemption:

Comments:________________________________________________________________________________________

Planning & Development Director/Designee: __________________________ Date: __________________________
STORMWATER EROSION CONTROL PERMIT INFORMATION
FOR SINGLE FAMILY RESIDENTIAL

The following are the options you have for complying with City and State grading permit regulations:

Option 1
If you are building on a residential lot, will disturb less than one (1) acre, and it’s not part of a subdivision:
You must include your grading permit with your building permit.
This option works well when grading does not need to start before the building permit is issued.
☐ Complete the Stormwater Erosion Control Residential Permit Application (in this packet).
☐ A Grading Plan Review Fee of $15.00 will be charged with your building permit fees.

Option 2
If you are building on a residential lot located in a subdivision and you are the listed permit holder of a valid NPDES permit for that subdivision:
☐ Complete the Stormwater Erosion Control Residential Permit Application (in this packet).
☐ No Grading Permit Fee due since it was already paid when the NPDES permit was obtained.

Option 3
If you are building on a residential lot(s) in a subdivision (developed after 1992) and are not the permit holder of a valid NPDES permit for that lot(s):

A. You can obtain secondary permit status on an existing NPDES permit by:
☐ Complete an Individual Lot Notice of Intent Application (IL-NOI) in this packet. You will need to get a copy of the original grading plans for the subdivision from the current NPDES primary permit holder.
☐ Submit $125 fee for SCDHEC along with the IL-NOI application. The City will mail the Application and fee to SCHDEC for approval. SCDHEC review time may take up to 7 business days.
☐ Complete the Stormwater Erosion Control Residential Permit Application (in this packet)
Please note, the City will charge a Grading Permit Fee of $15.00 with your building permit fees to cover administrative review.
  - or -

B. Apply for your own primary NPDES permit. Plan review times are as follows: City - up to 10 business days,
SCDHEC - up to 7 business days:
☐ Submit the City Grading Permit Fee - $250.00 per disturbed acre or portion thereof rounded up to next whole acre.
☐ Complete the SCDHEC N.O.I. application (can be found on our website).
☐ Submit $125.00 fee for SCDHEC.
☐ Submit a SWPPP/ site plan with Engineer’s Certification.
☐ Complete the Stormwater Erosion Control Residential Permit Application (in this packet) and submit when you apply for your building permit.

If you have any questions concerning the grading permit process or to obtain your own NPDES permit, please contact the Infrastructure Division at (803) 329-5515.

Definitions:
STORMWATER EROSION CONTROL RESIDENTIAL PERMIT APPLICATION

Date: __________________

NPDES Permit Number (if applicable): __________________

NPDES Permit Holder Name (if applicable): __________________

Site Address: __________________ Subdivision: ___________ Lot #:_____

Anticipated Start Date: _____________ Anticipated Completion Date: _____________

Job Site Contact Person: __________________

Phone: __________________ Fax: __________________ Email: __________________

Select the type of permit needed from the previous page: [ ] Option 1 [ ] Option 2 [ ] Option 3A [ ] Option 3B

Erosion control measures are required to be in place prior to any site work taking place and shall remain in place at all times until the project is completed and approved by the City. Erosion control inspection(s) is not a scheduled inspection and may take place at any time. Building inspections will not be performed if erosion control measures are not in place.

General information and minimum requirements:

☐ Contractor shall perform all earthwork operations in such a manner as to control erosion and prevent sedimentation from entering streams, adjacent properties or being tracked onto roadways.

☐ All erosion control structures will be inspected and maintained by the homebuilder/general contractor for stability and operation at the end of each workday. Many times erosion control measures are damaged/torn down during the day by delivery vehicles and sub-contractors.

☐ Install construction entrance in accordance with SCDHEC standards to serve as tire scrubber.

☐ Install silt fence along the low spots of the property and along all lower adjacent properties.

☐ Road shall be swept daily if sediment gets on the road. Do not wash/hose the road down.

☐ Construct swale to drain away from adjacent property or direct to designated stormwater feature/control.

☐ Install any additional permanent and/or temporary sediment and erosion control necessary to reduce erosion.

Failure to Install or Maintain Erosion Control Measures will Result in a Stop Work Notice and/or Fines

Each day any such violation shall continue to exist shall constitute a separate offense.

By signing this application, I certify that I am an authorized agent for the company performing the work stated above and that all information provided is true. I further understand that if any information provided is found to be incorrect or falsely stated that this permit will be null and void and that I may be responsible for violation of other related state laws and local ordinances.

STORMWATER AND SEDIMENT CONTROL CERTIFICATION

I certify that the City of Rock Hill may enter the property stated on the permit application for the purpose of investigation and Inspection of land disturbing activities at a frequency deemed necessary to carry out the duties prescribed in the Stormwater Management and Sediment Control Regulations of the Rock Hill Zoning Code. I understand that failure to implement control practices according to the approved plan will result in penalties as prescribed in the ordinance and/or stop-work order.

Signed By: __________________________ Date: __________________

Signature of Applicant or NPDES permit holder if applicable

Printed Name

Fines Associated with Stormwater Violations
– Table 9-600(D)(4)(a)

<table>
<thead>
<tr>
<th>Violation Description</th>
<th>Fines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failure to submit “as-built” plan</td>
<td>$100.00</td>
</tr>
<tr>
<td>Failure to follow the requested notes on a Stormwater Management and Sediment Control Plan</td>
<td>$250.00</td>
</tr>
<tr>
<td>Failure to record deed of easements</td>
<td>$100.00</td>
</tr>
<tr>
<td>Failure to implement corrective measures</td>
<td>$250.00</td>
</tr>
<tr>
<td>Failure to follow approved Stormwater Management and Sediment Control Plan</td>
<td>$250.00</td>
</tr>
<tr>
<td>Failure to comply with notice of violation</td>
<td>$100.00</td>
</tr>
<tr>
<td>Failure to protect offsite areas from sedimentation or other stormwater-related damages</td>
<td>$250.00</td>
</tr>
<tr>
<td>Failure to comply with a Stop Work Order</td>
<td>$1000.00</td>
</tr>
</tbody>
</table>
INDIVIDUAL LOT NOTICE OF INTENT (IL-NoI)
For Coverage(s) of Secondary Permittees
(Within Residential Subdivisions)
Under South Carolina NPDES General Permit
For Stormwater Discharges From Construction Activities SCR100000
(Maintain As Part of On-Site SWPPP)

For Official Use Only

Permit Number: SCR10
Submittal package complete:

Submission of this Individual Lot Notice of Intent (IL-NoI) constitutes notice that the Applicant identified in Section B intends to be authorized as a Secondary Permittee in the state of South Carolina under NPDES General Permit SCR100000. A fee of $125 is required for NPDES coverage under this permit.

Date:
☐ New Secondary Permittee ☐ Change of Information ☐ Other: _______________

☐ Person ☐ Company
If a Company, are you a ☐ Lending Institution or ☐ Government Entity?
Company EIN (If applicable): EIN: _______________

A. Secondary Permittee (Applicant) Information

1. Name: ________________________ Title/Position: ________________________
   Company Name (As Applicable): _______________
   Mailing Address: ________________________ City: _______________
   Phone: ________________________ Fax: ________________________
   Email Address: ________________________

2. Contact (ODSA) Name (if different from above): ________________________
   Mailing Address: ________________________ City: _______________
   Phone: ________________________ Fax: ________________________
   Email Address: ________________________

B. Current (Approved) Project/Site Information

1. Project/Site Name (As Approved by the Department): ________________________
   County: ________________________

2. Current Primary Permittee (Owner/Operator) Name: ________________________
   Mailing Address: ________________________ City: _______________
   Phone: ________________________ Fax: ________________________
   Email Address: ________________________

3. Property Owner Name (if different from Owner/Operator): ________________________
   Mailing Address: ________________________ City: _______________
   Phone: ________________________ Fax: ________________________
   Email Address: ________________________

4. Larger Common Plan for Development or Sale (LCP) Name or Subdivision Name: (As previously approved by the Department):

5. LCP NPDES Coverage No. or State Permit (Tracking) No(s): _______________

6. If Applicable: MS4 Reviewer: ________________________ MS4 Operator: ________________________

C. Individual Lot Information

1. Type of Construction Activity: ☐ Single Lot ☐ Multiple Lots

2. Individual Lot(s) Information (See Note below. If additional space is required, submit as an attachment to this NOI):
   a. Lot No(s):
   b. Phase No(s) (As Applicable)
   c. Disturbed Area (Nearest tenth of an acre)
   d. Lot(s) Currently Stabilized?
   e. Lot(s) Currently Abandoned, Under Foreclosure or Bankruptcy Proceedings?
   f. Will the SWPPP, Individual Lot Controls, or Drainage Provisions be Modified by this project? (If yes, see note below)

   ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

NOTE: Attach a Narrative, Copy of the Plat, Site Plans or Maps outlining each lot identified on this NOI. Attach Project Plans demonstrating individual lot grading, sediment and erosion control, and best management practices that will be followed. Clearly define all proposed modifications to the SWPPP in the narrative and identify on the project plans. If centralized controls or SMPs will be impacted, identify the controls or BMPs and proposed plans for continued maintenance in the narrative and on the project plans. Attach a Maintenance Agreement for permanent centralized controls, as applicable. (See Section 2.2.2.8 of the CFP)

DHEC 0432 (10/2012)

4. Coastal Zone ONLY: If impacts have not been previously addressed by the Primary Permittee to jurisdictional wetlands, non-jurisdictional wetlands, direct Critical Area, or coastal resources, define proposed impacts below. (Attach additional sheet if necessary):

D. CERTIFICATIONS DO NOT SIGN IN BLACK INK! Read the Certification statements below in entirety.

SECONDARY PERMITTEE (APPLICANT) CERTIFICATION

"I or I (on behalf of my company and its contractors and agents), as the case may be, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I also hereby certify that all land-disturbing construction and associated activity pertaining to this site shall be accomplished pursuant to and in keeping with the terms and conditions of the approved plans and SCR100000. I understand that I am solely responsible for the individual lot(s) covered by this NOI and am responsible for installing and maintaining the appropriate sediment and erosion control measures for each lot until the site is stabilized. I further certify that I also understand that SCDHEC is authorized to inspect the lot(s) identified in the notice pursuant to regulations and standards identified in the NPDES General Permit for Stormwater Discharges from Construction Activities (CGP).

Select only ONE of the following statements and initial as indication of agreement. Provide your title and date and sign the agreement below.

"As Secondary Permittee, I further certify that I or I (on behalf of my company and its contractors and agents), as the case may be, have read the CGP and approved On-Site Stormwater Pollution Prevention Plan (OS-SWPPP). I will adhere to the provisions of the Primary Permittee's OS-SWPPP while conducting any construction activity at the site and I agree to follow the approved individual lot controls and drainage provisions developed in the approved OS-SWPPP for the LCP."

OR

"As Secondary Permittee, I further certify that I or I (on behalf of my company and its contractors and agents), as the case may be, have read the CGP and approved On-Site Stormwater Pollution Prevention Plan (OS-SWPPP). I will follow the modified OS-SWPPP, including individual lot controls and/or drainage provisions developed for the above-referenced lot(s) to be consistent with the provisions of Section 3 of the CGP."

Name of Secondary Permittee
Signature of Secondary Permittee
Title/Position
Date Signed

CURRENT PRIMARY PERMITTEE (OWNER/OPERATOR) CERTIFICATION

Provide your name, title, and date and sign the agreement below.

If the signature of the current Owner/Operator cannot be obtained, please check this box: ☐ Provide explanation in the project Narrative.

"I hereby certify that the Secondary Permittee was provided a copy of the Construction General Permit (CGP) and approved On-Site Stormwater Pollution Prevention Plan (OS-SWPPP), or information to readily access these documents. I understand that the Secondary Permittee is solely responsible for the individual lot(s) covered by this NOI and is responsible for installing and maintaining the appropriate sediment and erosion control measures for each lot until the site is stabilized. I further certify that I also understand that SCDHEC is authorized to inspect the lot(s) identified in the notice pursuant to regulations and standards identified in the NPDES General Permit for Stormwater Discharges from Construction Activities (CGP).

Select only one of the following statements and initial as indication of agreement.

"I also hereby certify (by my initials) that I understand that the Secondary Permittee has agreed to follow the approved OS-SWPPP, including individual lot controls and/or drainage provisions developed in the approved OS-SWPPP for the LCP."

OR

"I also hereby certify (by my initials) that I understand that the Secondary Permittee has chosen to follow the modified OS-SWPPP, including individual lot controls and/or drainage provisions developed for the above-referenced lot(s) to be consistent with the provisions of Section 3 of the CGP."

Name of Primary Permittee
Signature of Primary Permittee
Title/Position
Date Signed

E. FEES: Identify ONE method of payment below and please do not send fees directly to the Bureau of Finance.

☐ Payment by Check: Attach a signed and dated check payable to S.C. DHEC to the front of this Fee Schedule. Please note that all checks must be less than 90 days old and must be for the entire required fees.

☐ Payment by Credit Card: Check here if you wish to pay via credit card using the on-line payment system. The Department will contact you to provide an invoice number and instructions for online payment. Please provide an e-mail address where the invoice number may be sent.

For official use only: Invoice Number QB

DHEC 0432 (10/2012)

3/7/2019
Instructions for Completing the Individual Lot Notice or Intent (NOI)

If you are uncertain whether you need to obtain coverage under the NPDES General Permit for Stormwater Discharges from Construction Activities (GRIP), if you cannot access the websites listed in these instructions, or if you have any other questions, contact the Stormwater Permitting Section (SWP) at (803) 990-4300 or Coastal Stormwater Permitting Section (CSP) at (843) 953-0200. Projects located in the S.C. Coastal Zone (SCC—Beaufort, Berkeley, Charleston, Colleton, Dorchester, Georgetown, Horry, and Jasper counties) are reviewed by CSP. Please see the Bureau of Water, Stormwater Permitting website: http://www.scdhec.gov/stormwater for guidance and additional information regarding the GRIP.

This NOI form must be completed by an individual lot owner or residential builder assuming coverage (project ownership and responsibility) as a Secondary Permittee for an individual lot or a group of individual lots within a previously permitted residential subdivision. The completed form must be submitted to the Department at least seven (7) business days prior to commencement of construction activities by the new lot owner or residential builder. Coverage for projects located in the Coastal Zone, see Section C below. A FEE OF $125 IS REQUIRED FOR NPDES COVERAGE.

What is Expected of Individual Lot Owners or Residential Builders as Secondary Permittees?

As a Secondary Permittee, the new lot owner or residential builder assumes sole responsibility for the building phase of development for the lot(s) identified in Section C of this form and sole responsibility for installation and maintenance of sediment control measures necessary to comply with the terms and conditions of the Construction General Permit (CGP) and the approved On-Site SWPPP (OS-SWPPP). Secondary Permittees may choose to either follow the Primary Permittee’s approved OS-SWPPP or may select to develop a C-SWPPP for their discharge consistent with the provisions of Section 3 of this permit.

When the Secondary Permittee elects to follow the Primary Permittee’s approved SWPPP or proposes to make extensive revisions to the approved individual lot controls and/or drainage provisions, the Primary Permittee, the Department, the Regulated MS4, or entity implementing SC Regulation 72-300 may also require the applicant obtain coverage under this permit as a Primary Permittee. Each individual lot(s) owner or residential builder obtaining coverage under this permit as a Secondary Permittee will be issued a new NPDES permit coverage number and assigned a state file number linked to the residential subdivision as part of a Larger Common Plan (LCP).

What is Expected of the Primary Permittee?

The Primary Permittee is transferring ownership of a lot or group of lots within a residential subdivision to the person or company or residential builder that will have been NPDES coverage as the new Owner/Operator. The Primary Permittee must make the Individual Lot Notice of Intent form, the approved On-Site SWPPP, and a copy of the CGP available or accessible to the applicant seeking individual lot(s) coverage under this permit. Once application form may be submitted to the Department for coverage of multiple lots within a single residential subdivision.

Where To File the NOI:

SC Department of Health & Environmental Control
Bureau of Water
Non-Coastal Counties
Stormwater Permitting Section
2500 Bull Street
Columbia, SC 29201-1708

Coastal Counties
Coastal Stormwater Section
1362 McMillan Avenue
Suite 400
Charleston, SC 29405

DHEC 0432 (10/2012)
Residential Infill Standards

These standards shall apply to all residential development in Old Town. Zoning Ordinance Section 6-800 (F)(4)

(a) Raised Foundations

1. Except for Assisted Living Facilities, Nursing Homes, and structures designed or intended for occupation by persons with physical disabilities, the finished floor elevation at the front facade shall be located above grade in accordance with the following standards:
   a. For setbacks of ten (10) feet or more, the finished floor elevation of the front facade shall be a minimum of (eighteen) 18 inches above grade; and
   b. For setbacks of less than ten (10) feet, the finished floor elevation of the front facade shall be a minimum of twenty-four (24) inches above grade.

2. Exposed foundation walls or piers shall be clad in face brick, stone, stucco, or some other masonry material accurately imitating these materials. Latticework screening shall be installed between piers on front and side building elevations.

3. Nothing in this subsection shall prevent the use of slab foundations provided the slab is clad in the materials required in subsection (2), and extends to the minimum height above grade specified in subsection (1) above.

(b) Roof Slopes

1. Roof slopes on single-family detached structures shall be between five (5) inches of vertical rise for every one (1) foot of horizontal run and one (1) foot of vertical rise for every one (1) foot of horizontal run, except that porch roofs may be sloped as low as two (2) inches of vertical rise for every one (1) foot of vertical run.

2. Single-family attached, townhouse, and multiple family structure development may have a flat roof provided that it is screened by parapet walls with three-dimensional cornice treatments. The cornice shall include a perpendicular projection a minimum of four (4) inches from the parapet façade plane.

(c) Front Façades

1. The front façade width of new single-family detached, attached, and two- to four-family structures shall not deviate by more than thirty percent (30%) from the average front façade width of existing single-family detached, attached, and two- to four-family structures on the same block face.

2. The front façade width of townhouse and multiple family structures shall not exceed one hundred-thirty percent (130%) or be less than fifty percent (50%) of the average width of existing single-family attached, townhouse, and multiple family structures on the same block face. In cases where no such buildings exist on the block face, the maximum front façade width shall not exceed one hundred-fifty (150) linear feet in length.

3. Front façades of townhouse and multiple family structures that exceed the average width of the front façades of existing similar uses on a block face shall include wall offsets of at least eight (8) inches in depth (projections or recesses) so that no single wall plane of the façade exceeds a width of twenty-five (25) feet.

(d) Side Façades

1. Side facades of residential structures fronting public streets shall provide wall offsets of at least four (4) inches in depth (projections or recesses) at least every forty (40) feet of façade width.

2. Material changes, glazing, pilasters, roofline changes, and/or supplemental landscaping may be used as an alternative to wall offsets if it can be demonstrated the alternative achieves the same massing effect.

(e) Windows and Doors

1. Doors and windows on front façades shall be vertically oriented and vertically aligned between floors, unless an alternative arrangement can be justified based on historical precedent.

2. Window shutters on front facades, whether functional or aesthetic, shall be sized to match the window with which they are associated.

(f) Front Porches on Single Family Detached Dwellings

Front porches with a minimum depth of six (6) feet and width of eight (8) feet shall be provided for all single-family detached dwellings located on block faces where seventy percent (70%) or more of the existing single-family detached dwellings have front porches.

(g) Garage/Car Port Location and Design

1. Garages shall be provided for all single-family detached development located on block faces where 70 percent (70%) or more of the existing single-family detached dwellings have garages.

2. The setback of a garage shall not be more than twenty-five percent (25%) closer to the street than the average setback of other garages on the same block face. In no case shall a detached garage be located closer to the street than the front façade of the principal structure.
**RESIDENTIAL INSPECTION CHECKLIST**

Use this checklist for Single-Family Residential, Multi-Family Residential and Apartments up to 2 stories or under 16 units

**General Information**

Inspections are performed between the hours of 7:00 a.m. and 3:30 p.m., Monday through Friday. For your convenience, the City provides a twenty-four hour inspection line and an internet inspection request site. Any telephone request made **prior to 3:00 p.m.** will be scheduled for the following business day. Inspections requested from our website **prior to 7:00 a.m.** may be scheduled for the same day. Please provide the following information when calling:

- Permit number
- Address
- Lot number (if in subdivision)
- Contractor name and phone number
- Type of inspection requested
- Date the inspection is needed

To request an inspection by phone, call 803-329-5590. To schedule and inspection online, visit our website at [www.cityofrockhill.com/Onlineservices](http://www.cityofrockhill.com/Onlineservices).

**At the time of the first inspection you should have the following in place:**

- The address and permit placard posted so as to be visible from the road or street and the placard accessible to the inspector.
- The permit placard you receive is to be protected from the weather (placing it in plastic wrap or plastic bags will not protect it because of leakage and condensation). A weather proof enclosure is recommended or place it in a construction trailer that is always open during our hours of inspection.
- Plans stamped as “Field Copy” and any comment sheets from the Permit Application Center are to be on site for all inspections. The plans are required to be kept at the job site for the duration of the project.
- Readily available toilet facilities (within 300 feet of the job site).
- Silt fencing as required to control erosion (prior to clearing or grading).
- Gravel or paved access to site.

**Inspections**

- **Footing and Foundation:** Footing and foundation inspections shall be made after excavations for footings are complete and any required reinforcing steel is in place. For concrete foundations, any required forms shall be in place prior to inspection. Materials for the foundation shall be on the job, except where concrete is ready mixed in accordance with ASTM C 94 the concrete need not be on the job. **Property corners are to be marked and identified and strings pulled in order to verify zoning setbacks.**
- **Plumbing Underslab:** Inspection is made when all supply line and building drains are in place, a 10’ head pressure test is on the vents and drain lines, and the Plumbing Code or manufacturers’ required pressure is on the water lines.
- **Concrete Slab and Under-floor Inspection:** Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and building service equipment, conduit, piping accessories and other ancillary equipment items are in place but before any concrete is placed or floor sheathing installed, including the subfloor. Vapor barriers and termite/soil treatment is to be in place for this inspection.
- **Lowest Floor Elevation:** In flood hazard areas, the elevation certification required in Section 1612.5 shall be submitted to the building official upon placement of the lowest floor including the basement and prior to vertical construction.
- **Open Floor/Foundation Strapping (Floor Framing Inspection):** For crawl space construction this is performed when the foundation walls are up, the girders and bands are in place, and the required anchoring is in place, prior to any floor decking being installed. Any drainage system to be installed or required grading in the crawl space shall be completed at this time.
- **Exterior Sheathing Inspection:** Exterior sheathing shall be inspected after the exterior wall sheathing is applied and **before any energy wrap, felt, siding, or brick is installed.** This inspection is required as a separate inspection.
- **House Wrap/ Water Barrier Inspection –** A water-resistant barrier applied over studs or sheathing of all exterior walls is required. One layer of No. 15 asphalt felt complying with ASTM D 226 or other approved water resistive barrier that is free from breaks or holes may be used. The material is to be applied horizontally with the upper layer lapped over the lower layer not less than 2”. Where joints occur, the material shall be lapped not less than 6” and shall be continuous to the top of the walls. It is not required under the paper backed stucco lath when the paper backing is an approved weather-resistant sheathing paper. This inspection can be performed with the framing all roughs inspection.

**Reminder, you will need to submit a written request form to Utilities for the underground electric line to be installed. The meter base should be installed at this point. Sometimes the line will need to be installed under your driveway. If your driveway has already been poured, contact Utilities at 803-329-5500. Your underground electric line will need to be installed before you request your Temporary Power inspection.**

- **Framing All Roughs:** Framing inspections shall be made after the roof deck or sheathing, all framing, fire blocking and bracing are in place and pipes, chimneys and vents to be concealed are complete and windows and doors are installed. The rough electrical, plumbing, heating wires, pipes and ducts shall also be installed. This also includes the water-resistant barrier inspection of all exterior walls.
- **Gas Piping:** The gas piping inspection is made after the gas line has been installed with a pressure gauge on the line. The pipe size, length of run, BTU’s of heating units and dip pipe will be verified at the time of inspection. This inspection can be scheduled with the Framing All Roughs inspection.
- **Firewall or Fireproofing:** Protection of joints and penetrations in fire resistance rated assemblies shall not be concealed from view until inspected and approved. Lath and gypsum board that is part of a fire rated assembly or shear assembly shall be inspected after lathing and gypsum board, interior and exterior, is in place but before any plastering is applied or gypsum board joints and fasteners are taped and finished.
☐ Sidewalk Compaction: This is an inspection of the area where the sidewalk will be poured before the concrete is poured. The forms for the concrete must be in place.

☐ Building Thermal Envelope Air Leakage Verification - The building thermal envelope should be durably sealed to limit infiltration. Air tightness can be verified by either of the following options:
  o Option 1 - Visual inspection to verify all caulking, blocking and air sealing measures have been performed. Inspection should be done prior to the installation of insulation and drywall and must be done before the insulation inspection can be performed. A Thermal Envelope Air Leakage Compliance Certificate, completed by a third party, is required to be completed before the insulation inspection can be performed.
  o Option 2 – Door Blower Test to verify less than 7 ACH (air changes per hour). Testing should be done after rough-in and after installation of penetrations of the building envelope, including penetrations for utilities, plumbing, electrical, ventilation and combustion appliances.

☐ Duct Air Leakage Verification – Ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed. Test must be performed by certified tester. A copy of the test results must be submitted before the certificate of occupancy can be issued. Duct tightness can be verified by either of the following options:
  o Option 1 - Rough-in stage test - 6 cfm/ 100 SF w/ air handler, 4 cfm/ 100 SF w/o air handler
  o Option 2 - Post-construction Final inspection stage test - 8 cfm/ 100 SF leakage to outdoors, 12 cfm/ 100 SF total leakage

☐ Insulation: This is performed after the framing roughs inspection has been approved and after all walls and floors requiring insulation are complete. Any ceiling areas where it is not possible to use blown insulation or where blown insulation is not to be used must be complete at this time. A copy of the Building Thermal Envelope Air Leakage Verification results should be on the job site for the inspector.

☐ Energy Efficiency Inspections: Inspections shall be made to determine compliance with Chapter 13 and shall include but not be limited to inspections for envelope insulation R and U values, fenestration U value, duct system R value and HVAC and water heating equipment efficiency.

Before you request the Temporary Power inspection, the underground electric line must be installed. You must submit a written request form to the Utilities Dept. to start the installation process.

☐ Temporary Power: For residential installations this inspection is performed when all circuits have been completed, receptacles and covers installed, ceiling outlets wire nutted and covered and the electrical panel completed with all circuit breakers installed. An exception may be considered for receptacles installed in areas to be tiled or awaiting special order counters or cabinets.

☐ Final Sidewalk: This inspection should be scheduled in conjunction with the Final All Trades inspection. The inspector will make sure there are no cracks or breaks in the sidewalk. Effective July 1, 2007, the builder is responsible for the repair and/or replacement of any damaged curb and sidewalk directly adjacent to the permitted lot. Before the C.O. for the house will be issued, all repairs/replacements must be completed to the satisfaction of the City.

☐ Final All Trades Inspection: This inspection is performed when the structure is ready for occupancy. All plumbing fixtures are to be functional, the heating/air conditioning system complete and functioning, floor coverings installed in kitchen, bath, and laundry areas, and any tile in bathrooms completed. The address is to be posted with lettering a minimum of 3” in height and placed so that it can be seen from the street. If the structure is more than 50’ from the improved portion of the street, the address shall also be displayed on a freestanding pole or on the mailbox.

☐ Duct Air Leakage Verification – Ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed. Test must be performed by certified tester. A copy of the test results must be submitted before the certificate of occupancy can be issued. Duct tightness can be verified by either of the following options:
  o Option 1 - Rough-in stage test - 6 cfm/ 100 SF w/ air handler, 4 cfm/ 100 SF w/o air handler
  o Option 2 - Post-construction Final inspection stage test - 8 cfm/ 100 SF leakage to outdoors, 12 cfm/ 100 SF total leakage

☐ Other Inspections: In addition to the inspections specified above, the building official is authorized to make or require other inspections of any construction work to ascertain compliance with the provisions of this code and other laws that are enforced by the division of building/codes.

☐ Special Inspections: Special inspections shall be regulated by the provisions of the section of the International Building Code addressing special inspection requirements.

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### Reinspection Fees

Reinspection fees are assessed as follows when correction of code violations is required:

- First failed inspection ................................................................. $15
- Second failed inspection (at the same site for the same violation) .......... $20
- Third failed inspection (at the same site for the same violation) ............ $30
- Failed final inspection .................................................................... $50

Reinspection fees must be paid prior to receiving the Certificate of Occupancy.

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### Certification

By signing below you are verifying you have read and understand the inspection requirements above.

__________________________  ____________________________
Applicant Signature  Date

Applicant Printed Name
City of Rock Hill
Underground Request Form

757 S. Anderson Rd.
P.O. Box 11706
Rock Hill, SC 29731-1706
Phone: 803-329-5500
Fax: 803-329-5608
Email: utility.dispatch@cityofrockhill.com

Please Note: Underground Requests must be submitted in writing. You may submit requests in person, via fax, or regular mail. All of the information below is required in order to process your request. Thank you.

Company Name: ____________________________________________

Company Address: ____________________________________________

________________________________

Requested Service Size: _________________________________________

Address where UG Service is being installed:
________________________________

Is the Meter Base Installed?: ______________________________________

Contact Person Name: __________________________________________
Contact Person Phone Number: _____________________________________
Contact Person Fax/Email: _________________________________________

Contact Person Signature: _______________________________________

**Please be advised: All equipment and building materials need to be removed from the path between the source and the meter base. Installation cannot begin until meter base has been installed, as well as equipment and material has been moved.**
Building Thermal Envelope Air Leakage Verification

With the adoption of the 2009 International Energy Conservation Code (IECC), licensed residential home builders who can provide documentation that they have attended a state approved training class, may under section 402.4.2.2 provide certification that they as the home builder of record conducted a visual inspection certifying that the structure’s building envelope has been sealed in accordance with section 402.4 and table 402.4.2 of the IECC.

The certificate of compliance completed by the home builder of record is a legal document and will become part of the project records. Copies of project records are subject to the Freedom of Information Act and may be obtained by any entity formally making a request in writing. Falsifying documentation to the City of Rock Hill is punishable by law, and will result in all wall, ceiling coverings and insulation being removed to facilitate an inspection by a third party agency licensed to conduct building thermal envelope air leakage inspections. Engaging such agencies and payment of services by the third party inspection agencies shall be the responsibility of the home builder of record.

Homebuilders that are not certified and have not attended a state approved training class are required to hire a third party agency to inspect the home to ensure it meets the energy code requirements. The third party agency is required to be certified.

Areas required to be sealed

- All joints, seams, and penetrations
- Site-built windows, doors and skylights
- Openings between window and door assemblies and their respective jambs and framing
- Utility penetrations
- Dropped ceilings or chases adjacent to the thermal envelope
- Knee walls
- Walls and ceilings separating a garage from conditioned spaces
- Behind tubs and showers on exterior walls
- Common walls between dwelling units
- Attic access openings (attic door blankets shall be the equivalent of R-30)
- Rim joist junction

IECC residential insulation requirements are:

<table>
<thead>
<tr>
<th>Component</th>
<th>Minimum acceptable levels:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceilings</td>
<td>R-30</td>
</tr>
<tr>
<td>Wood Frame Walls</td>
<td>R-13</td>
</tr>
<tr>
<td>Floors</td>
<td>R-19</td>
</tr>
<tr>
<td>Crawl Space</td>
<td>R-5/13</td>
</tr>
<tr>
<td>Ductwork</td>
<td>R-8 for ductwork outside of conditioned space. R-6 for ducts inside floor trusses. Ducts completely inside the building thermal envelope need not be insulated.</td>
</tr>
<tr>
<td>Windows &amp; Skylights</td>
<td>Window U-Factor 0.50</td>
</tr>
<tr>
<td></td>
<td>Impact rated fenestration is 0.65</td>
</tr>
<tr>
<td></td>
<td>Skylight U-Factor 0.65</td>
</tr>
<tr>
<td></td>
<td>Window &amp; Skylight SHGC 0.30</td>
</tr>
</tbody>
</table>
# Building Thermal Envelope Air Leakage Compliance Certificate

**Project Address:** 

**Permit No.:** 

<table>
<thead>
<tr>
<th>Initial</th>
<th>Component</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Air barrier and thermal barrier</td>
<td>Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier. Breaks or joints in the air barrier are filled or repaired. Air-permeable insulation is not used as a sealing material. Air-permeable insulation is inside of an air barrier.</td>
</tr>
<tr>
<td></td>
<td>Ceiling/attic</td>
<td>Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed. Attic access (except unvented attics), knee wall door, drop down stair is sealed. Drop down stair insulation blankets shall be R-30.</td>
</tr>
<tr>
<td></td>
<td>Walls</td>
<td>Corners and headers are insulated. Junction of foundation and sill plate is sealed.</td>
</tr>
<tr>
<td></td>
<td>Windows and doors</td>
<td>Space between window/door jams and framing is sealed.</td>
</tr>
<tr>
<td></td>
<td>Rim Joists</td>
<td>Rim joists are insulated and include an air barrier.</td>
</tr>
<tr>
<td></td>
<td>Floors (including above-garage and cantilevered floors)</td>
<td>Insulation is installed to maintain permanent contact with underside of subfloor decking. Air barrier is installed at any exposed edge of insulation.</td>
</tr>
<tr>
<td></td>
<td>Shafts and penetrations</td>
<td>Duct shafts, utility penetrations, knee walls and flue shafts openings to exterior or unconditioned spaces are sealed.</td>
</tr>
<tr>
<td></td>
<td>Narrow cavities</td>
<td>Batts in narrow cavities are cut to fit, or narrow cavities are filled by spray/blown insulation.</td>
</tr>
<tr>
<td></td>
<td>Garage separation</td>
<td>Air sealing is provided between the garage and conditioned spaces.</td>
</tr>
<tr>
<td></td>
<td>Recessed lighting</td>
<td>Recessed light fixtures are air tight, IC rated and sealed to drywall. Exception: fixtures in conditioned spaces.</td>
</tr>
<tr>
<td></td>
<td>Plumbing and wiring</td>
<td>Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.</td>
</tr>
<tr>
<td></td>
<td>Shower/tub on exterior wall</td>
<td>Showers and tubs on exterior walls have insulation and air barrier separating them from the exterior wall.</td>
</tr>
<tr>
<td></td>
<td>Electrical/phone box on exterior wall</td>
<td>Air barrier extends behind boxes or air-sealed boxes are installed.</td>
</tr>
<tr>
<td></td>
<td>Common wall</td>
<td>Air barrier is installed in common wall between dwelling units.</td>
</tr>
<tr>
<td></td>
<td>Crawl space walls</td>
<td>Insulation is permanently attached to walls. Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.</td>
</tr>
<tr>
<td></td>
<td>HVAC register boots</td>
<td>HVAC register boots that penetrate bldg. envelope are sealed to subfloor or drywall.</td>
</tr>
<tr>
<td></td>
<td>Fireplace</td>
<td>Fireplace walls include an air barrier. Fireplaces have tight fitting flue dampers and combustion air.</td>
</tr>
</tbody>
</table>

By signing and initializing this document you are affirming that this structure is in full compliance with the 2009 International Energy Conservation Code to include sections 402.4, 402.4.3 and table 402.4.2.

**Date:** 

**Signature:** 

**Please Print Name:** 

**Company Name:** 

11/22/2013
BUILDING PERMIT FEES

A single permit will be issued for new construction and major renovation projects. The prime contractor is responsible for providing the name, business license number, and state license number for the plumber, electrician, mechanical and gas piping subcontractors.

For structures, the valuation of any proposed construction will be determined either by contract price indicated on the permit application or by utilizing the per square foot value determined from the Standard Building Valuation Data table published by the International Code Council in the month of June each year, whichever is greater. The most recent June publication will be used. This value will then be applied to the fee schedule.

The current fee schedule is listed below:

<table>
<thead>
<tr>
<th>Total Valuation</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000.00 and less</td>
<td>$35.00</td>
</tr>
<tr>
<td>$1,001.00 to $200,000.00</td>
<td>$35.00 for the first $1,000.00 plus $5.00 for each additional $1,000.00 or portion thereof, to and including $200,000.00</td>
</tr>
<tr>
<td>$201,000.00 to $1,000,000.00</td>
<td>$1,030.00 for the first $200,000.00 plus $3.00 for each additional $1,000.00 or portion thereof, to and including $1,000,000</td>
</tr>
<tr>
<td>$1,001,000.00 and above or portion thereof</td>
<td>$3430.00 for the first $1,000,000.00 plus $2.00 for each additional $1000.00 or portion thereof</td>
</tr>
</tbody>
</table>

The current per square foot values from the Standard Building Valuation Data table from the ICC are as follows for occupancy group R-3, type V-B construction:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Heated sq. ft.</td>
<td>$112.65</td>
</tr>
<tr>
<td>Unheated sq. ft.</td>
<td>$43.33</td>
</tr>
</tbody>
</table>

To view the data table from the ICC, you can visit their website at [www.iccsafe.org/cs/techservices](http://www.iccsafe.org/cs/techservices).

To determine the permit fee for a new single family detached home see the example below:

Heated sq. ft. – 3,821  
3,821 x $112.65 = $430,435.65

Unheated sq. ft. – 654  
654 x $43.33 = $28,337.82

Total Value  
$458,773.47

This value is applied to the fee schedule above. The calculated Permit Fee is $1807 for the example above.

For a single family home, other fees are added to the permit. Those fees are listed below:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Grading Fee</td>
<td>$15</td>
</tr>
<tr>
<td>Zoning Site Plan Review Fee</td>
<td>$20</td>
</tr>
<tr>
<td>Underground Electric Fee (if on City electric)</td>
<td>$325</td>
</tr>
</tbody>
</table>

These fees are added to the Permit Fee.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Example</td>
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</tr>
<tr>
<td>Underground Electric Fee</td>
<td>$325</td>
</tr>
<tr>
<td>Permit Fee</td>
<td>$1807</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$2167</strong></td>
</tr>
</tbody>
</table>

Penalty for Work Without a Permit

When work for which a permit is required is commenced before obtaining a permit, the Building Official shall charge a double fee before the issuance of the required permit.
IMPACT FEE COLLECTION POLICY

Changes to the Impact Fee Schedule
Rock Hill has not increased its impact fees since they were enacted in 2003. On September 26, 2016, the City Council voted to phase in impact fee increases over a two-year period starting on July 1, 2017. The transition policy and impact fee schedule are described below. No further increase has been projected beyond Fiscal Year 2018 at this time.

Transition Policy
In order to ensure fair treatment of all development applications, the City Council adopted the following transition policy. To receive a building permit by the June 30 deadline, complete building permit applications with complete plans must be submitted by the dates indicated in the tables below. Applicants are strongly encouraged to submit a complete application and complete plans in advance of these dates to avoid problems. Impact fees must be paid prior to the issuance of the building permit.

<table>
<thead>
<tr>
<th>Eligibility for FY18 Discounted Impact Fees:</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Construction</td>
</tr>
<tr>
<td>Commercial - MF</td>
</tr>
<tr>
<td>Residential - SF</td>
</tr>
<tr>
<td>Commercial - Upfit</td>
</tr>
</tbody>
</table>

Fire Impact Fee Schedule

<table>
<thead>
<tr>
<th>Previous Impact Fee</th>
<th>Impact Fee as of July 1, 2017</th>
<th>Impact Fee as of July 1, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-Family Detached</td>
<td>$495/du</td>
<td>$620/du</td>
</tr>
<tr>
<td>Multi-Family</td>
<td>$430 per 1,000 sf (1,000 sf minimum)</td>
<td>$488/du</td>
</tr>
<tr>
<td>Commercial and Institutional</td>
<td>$221 per 1,000 sf (1,000 sf minimum)</td>
<td>$419 per 1,000 sf (1,000 sf minimum)</td>
</tr>
<tr>
<td>Industrial and Manufacturing</td>
<td>$132 per 1,000 sf (1,000 sf minimum)</td>
<td>$251 per 1,000 sf (1,000 sf minimum)</td>
</tr>
</tbody>
</table>

Water and Wastewater Impact Fee Schedule

<table>
<thead>
<tr>
<th>Meter Size</th>
<th>Previous Impact Fees</th>
<th>Impact Fees as of July 1, 2017</th>
<th>Impact Fees as of July 1, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Wastewater</td>
<td>Combined</td>
<td>Water</td>
</tr>
<tr>
<td>¾”</td>
<td>$478</td>
<td>$850</td>
<td>$1,328</td>
</tr>
<tr>
<td>1”</td>
<td>$798</td>
<td>$1,420</td>
<td>$2,218</td>
</tr>
<tr>
<td>1 ½”</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2”</td>
<td>$2,548</td>
<td>$4,531</td>
<td>$7,079</td>
</tr>
<tr>
<td>3”</td>
<td>$5,100</td>
<td>$9,070</td>
<td>$14,170</td>
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<tr>
<td>4”</td>
<td>$7,968</td>
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</tr>
<tr>
<td>6”</td>
<td>$15,932</td>
<td>$28,331</td>
<td>$44,263</td>
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<tr>
<td>8”</td>
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<td>$45,331</td>
<td>$70,823</td>
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<tr>
<td>10”</td>
<td>$36,648</td>
<td>$65,170</td>
<td>$101,818</td>
</tr>
<tr>
<td>12”</td>
<td>$68,512</td>
<td>$121,831</td>
<td>$190,343</td>
</tr>
</tbody>
</table>
CONSTRUCTION INFORMATION

### Erosion and Sediment Control

Erosion control measures must be in place before your first inspection. Building inspections will not be performed if the erosion control measures are not in place.

- Gravel for drives – a construction entrance (10’ x 25’ x 6” thick with No. 4 or larger washed stone) is to be in place prior to starting construction. All deliveries to the lot are to be via the driveway.
- To avoid unnecessary sediment being carried onto the street and into the storm drains, only vehicles making deliveries should use the driveway and no other vehicles should be driven onto the site.
- Install silt fence along the low spots on the property and along all lower adjacent properties and ensure that the fence is intact and functioning at the end of each day. Wire-backed silt fence shall be used when contributing slope exceeds 3%.
- Provide barricades such as silt fence or orange barricade fencing to prevent suppliers or subcontractors from driving onto the lot without using drive.
- If mud is carried into the street by vehicles, it should be swept up at the end of the work day. Do not wash/hose down unless proper inlet protection measures are in place.

Failure to adhere to the above requirements will result in a “stop work order” and possibly significant fines.

### Swales

Prior to the issuance of a Certificate of Occupancy, each lot shall have swales as required to direct storm water away from adjacent properties and to the designated storm water feature/control. Some subdivisions have engineer designed swales that are to be constructed for each lot. Check with your developer to determine if your subdivision has such a requirement. For these subdivisions, a final survey showing the finished grade elevations and the flow direction of the swales shall be submitted to the Rock Hill Infrastructure Division at City Hall. Call (803) 329-5515 for further information.

### Curb and Gutter/Sidewalks

Effective July 1, 2007, the home builder is responsible for the installation of any required sidewalk or the repair and/or replacement of any damaged curb and sidewalk directly adjacent to the permitted lot. Before the Certificate of Occupancy for the house will be issued, all repairs/replacements must be completed to the satisfaction of the City. If a sidewalk is required to be installed, the plan reviewer will note this during plan review and on your field copy set of plans.

### Open Burning

Open burning is prohibited within the City limits except for construction site warming fires in containers approved by the Fire Department. Before you open burn contact the Rock Hill Fire Department at (803) 329-7220 for further information.

### Plans and Permit Card on Site

- Your yellow building permit card is to be posted on the site at all times and posted at eye level above grade.
- The stamped “field copy” of the construction drawings and plot plan is to be on site for ALL inspections.
- Permit card and plans are to be protected from the weather. There are enclosures you can purchase that are reusable and very effective or you can fabricate your own. Do not place them in plastic bags or laminate the permit card. Bags tend to trap or condense moisture and damage the permit card or make it difficult to sign. Because the inspector needs to sign the permit card, please do not laminate it in plastic.
- Failure to provide your permit card and plans will result in a failed inspection.

### Helpful Phone Numbers

- Permits and Inspections: (803) 329-5590 (for scheduling inspections, requesting saw service or water meters, and permit related questions)
- Erosion Control: (803) 329-5515
- Online Services: [www.cityofrockhill.com/onlineservices](http://www.cityofrockhill.com/onlineservices)
SmartChoice Rebates & Loans

Rock Hill residential electric customers can achieve energy and home maintenance savings through the SmartChoice customer incentives program. SmartChoice offers cash rebates, low-interest loans and an "all-electric" billing rate.

Water Heater Replacement
Customers installing a new 40 gallon electric water heater are eligible for a $225 rebate.

Heat Pump Replacement
Customers replacing their existing heating systems with a minimum 16 SEER (Seasonal Energy Efficiency Rating) electric heat pump are eligible for a $400 rebate. Financing is available on electric heat pump installations at a low interest rate of 6% for a maximum 60 months (pending loan application approval).

Great Rate
Customers who qualify as all-electric and energy efficient qualify for the Great Rate, the lowest residential electric rate offered by the City. This all electric rate can lower your winter energy costs up to 3 cents per kilowatt hour during winter heating months. The customer must have an electric water heater with a Smart Switch and a minimum 14 SEER heat pump to be eligible.

To qualify for these incentives, all new and existing electric water heaters are required to have a Smart Switch load management device. Installation of a Smart Switch is free.

Customers must obtain a permit for a water heater or heat pump installation/replacement.

For additional information, please contact: Laura Little at (803) 325-2640.
Sample Site Plan

VICINITY MAP
Not To Scale

CHERRY HILLS PLACE

50' PUBLIC R/W

THIS DRAWING DOES NOT
REFLECT AS-BUILT INFORMATION

PRELIMINARY PLAT
NOT FOR RECONSTRUCTION, CONVEYANCE, OR SALES

HOUSE LOCATION PLOT PLAN
FOR
LOT 144, WATERFORD GLEN, PHASE III
City of Rock Hill, York County, South Carolina

PROPERTY OF: THE FARWAYS OF WATERFORD GLEN

MAP BOOK 5-PAGE 2 DEED REFERENCE

DRAWN BY: SOI DATE: OCTOBER 31, 2006

EASTOVER
ENGINEERING & SURVEYING, INC.

ENG. & SURVS. - PLANNERS - ARCHITECT.
BLOCS - ARROWBROOK 2020
CHARLOTTE, N.C. 28213
PHONE: (704) 927-1880
FAX: (704) 521-1076

Sample Site Plan
INDIVIDUAL RESIDENTIAL LOT CONTROLS

NOTES
1. THE KEY TO FUNCTIONAL INDIVIDUAL LOT BMPs IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. NO MORE THAN 1/4 ACRE TO DRAIN TO 100 L.F. OF SILT FENCE.
3. SEE INDIVIDUAL LOT CONSTRUCTION ENTRANCE, SILT FENCE, CONCRETE WASHOUT & STOCKPILE DETAILS FOR ADDITIONAL INFORMATION.
4. ADDITIONAL BMPs, SUCH AS INLET PROTECTION, ROCK CHECKS, SEDIMENT TUBES & SILT FENCE ROCK OUTLETS, MAY BE NECESSARY ON A LOT-TO-LOT BASIS. ADDITIONAL BMPs SHOULD BE IMPLEMENTED AS NOTED ON PLANS OR DIRECTED UPON SITE INSPECTIONS.
5. CONCRETE WASHOUTS MAY NOT NEED TO BE PROVIDED ON EACH INDIVIDUAL LOT WHEN A WASHOUT AREA HAS BEEN DESIGNATED AND IMPLEMENTED WITHIN THE DEVELOPMENT FOR COMMON USE.
6. PROPER WASTE DISPOSAL TECHNIQUES MUST BE IMPLEMENTED ON EACH LOT TO PREVENT STORMWATER RUNOFF (CONTACT WITH SUBJECTED WASTE MATERIALS SUCH AS EXCESS BUILDING MATERIALS, TRASH, AND OTHER POTENTIAL POLLUTANTS).
STRAW BALE BARRIER CONCRETE WASHOUT

NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"x24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

South Carolina Department of Health and Environmental Control
CONCRETE WASHOUT
STRAW BALES OR ABOVE GROUND

NOT TO SCALE

---

EXCAVATED PIT CONCRETE WASHOUT

NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"x24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

South Carolina Department of Health and Environmental Control
CONCRETE WASHOUT
EXCAVATED PIT

NOT TO SCALE
**SILT FENCE INSTALLATION**

1. 1.25 lb/liner ft. steel posts

2. **PLAN SYMBOL**
   
3. **FLAT-BOTTOM TRENCH DETAIL**
   
4. **V-SHAPED TRENCH DETAIL**

**SILT FENCE - GENERAL NOTES**

1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.

2. Maximum depth of specified or actual flow path length to the silt fence shall be 100 feet.

3. Maximum slope steepness (normal to perpendicular to fence line) shall be 2:1.

4. Silt fence joints, when necessary, shall be completed by one of the following options:
   - Snap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap.
   - Overlap silt fence by installing 3 feet past the support post to which the new silt fence roll is attached. Attach the roll to new roll with heavy-duty plastic ties, or:
   - Overlap entire width of each silt fence roll from one support post to the next support post.

5. Match filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 4-inches of the fabric.

6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.

7. Install SHF Checks (1x-3x) every 50-100 feet, depending on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

**SILT FENCE - POST REQUIREMENTS**

1. Silt fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics:
   - Composed of high-strength steel with a minimum yield strength of 50,000 psi.
   - Weight of 25 pounds per foot (0.8 lbs/ft).

2. Posts shall be equipped with projections to aid in fastening of filter fabric.

3. Steel posts may need to have a metal sheet stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 1 1/2 inches and be composed of 15 gauge steel, at a minimum. The metal sheet stabilization plate should be completely buried.

4. Install posts to a minimum of 24 inches. A minimum height of 1/2 to 2 inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.

5. Post spacing shall be at a maximum of 5-feet on center.

**SILT FENCE - FABRIC REQUIREMENTS**

1. Silt fence must be composed of woven geotextile filter fabric that satisfies the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polypropylene, polyesters, or polyamides that are formed into a fabric such that the filaments or yarn retain dimensional stability relative to each other.
   - Free of any treatment or coating which might adversely alter its physical properties after installation.
   - Free of any defects or flaws that significantly affect its physical and/or filtering properties.
   - Have a minimum width of 36-inches.
   - Use only fabric appearing on SC DOT's Qualified Products Listing (QPL). Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.

2. 12-inches of the fabric should be placed within excavated trench and tied in when the trench is backfilled.

3. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.

4. Filter Fabric shall be installed at a minimum of 24-inches above the ground.

**SILT FENCE - INSPECTION & MAINTENANCE**

1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.

2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, every 24 hours after each rainfall event that produces 0.5 inches or more of precipitation.

3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.

4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.

5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed areas. Stabilize the removed sediment after it is relocated.

6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overlapping the silt fence. Install check/stop-boxes and/or remount silt fence, as necessary.

7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Remove damaged silt fence and reinstall new silt fence immediately.

8. Silt fence should be removed within 30 days after final stabilization is achieved.

**South Carolina Department of Health and Environmental Control**

**SILT FENCE**

**STANDARD DRAWING NO. SC-03 Page 1 of 2**

**NOT TO SCALE**

**FEBRUARY 2014**

**DATE**

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**SILT FENCE**

**STANDARD DRAWING NO. SC-03 Page 2 of 2**

**GENERAL NOTES**

**FEBRUARY 2014**

**DATE**
SEDIMENT TUBE INSTALLATION

FLOW

Stakes Placed at 2’ Minimum Spacing

2” x 2” wood stakes or 1.25 #/ft Steel Post

2.0’ Spacing (Typical) Continuous Along Tube

SEDIMENT TUBE SPACING

<table>
<thead>
<tr>
<th>SLOPE</th>
<th>MAX. SEDIMENT TUBE SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>LESS THAN 2%</td>
<td>150- FEET</td>
</tr>
<tr>
<td>2%</td>
<td>100- FEET</td>
</tr>
<tr>
<td>3%</td>
<td>75- FEET</td>
</tr>
<tr>
<td>4%</td>
<td>50- FEET</td>
</tr>
<tr>
<td>5%</td>
<td>40- FEET</td>
</tr>
<tr>
<td>6%</td>
<td>30- FEET</td>
</tr>
<tr>
<td>GREATER THAN 6%</td>
<td>25- FEET</td>
</tr>
</tbody>
</table>

PLAN SYMBOL

South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

NOT TO SCALE

DATE

3/7/2019
SEDIMENT TUBES – GENERAL NOTES

1. Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off-site discharge of sediment-laden stormwater runoff.

2. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch-filled sediment tubes are not permitted.

3. The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-photodegradable material.

4. Sediment tubes, when used as checks within channels, should range between 18-inches and 24-inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.

5. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.

6. Sediment tubes should be staked using wooden stakes (2-inch X 2-inch) or steel posts (standard "A" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.

7. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.

8. The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the field joint.

9. Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.

10. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.

11. Sediment tubes should continue up the side slopes a minimum of 1-foot above the design flow depth of the channel.

12. Install stakes at a diagonal facing incoming runoff.

SEDIMENT TUBES – INSPECTION & MAINTENANCE

1. The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.

2. Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.

3. Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.

4. Remove accumulated sediment when it reaches 1/3 the height of the sediment tube.

5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed areas. Stabilize the removed sediment after it is relocated.

6. Large debris, trash, and leaves should be removed from in front of tubes when found.

7. If erosion causes the tubes to fail to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tube.

8. Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.

---

**South Carolina Department of Health and Environmental Control**

**SEDIMENT TUBES**

**GENERAL NOTES**

---

**PLAN SYMBOL**

---

**South Carolina Department of Health and Environmental Control**

**RESIDENTIAL LOT CONSTRUCTION ENTRANCE**

**NOT TO SCALE**
CONSTRUCTION ENTRANCE - GENERAL NOTES

1. Stabilized construction entrances should be used at all points where traffic will ingress/egress a construction site onto a public road or any impervious surfaces, such as parking lots.

2. Install a non-woven geotextile fabric prior to placing any stone.

3. Install a culvert pipe across the entrance when needed to provide positive drainage.

4. The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.

5. Minimum dimensions of the entrance shall be 15-feet wide by 20-feet long, and may be modified as necessary to accommodate site constraints.

6. The edges of the entrance shall be tapered out towards the road to prevent tracking at the edge of the entrance.

7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.

8. Limestone may not be used for the stone pad.

CONSTR. ENTRANCE - INSPECTION & MAINTENANCE

1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.

2. Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.

3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.

4. Reshape the stone pad as necessary for drainage and runoff control.

5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off-site by vehicles. Frequent washing will extend the useful life of stone pad.

6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.

7. During maintenance activities, any broken pavement should be repaired immediately.

8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post-construction.

South Carolina Department of Health and Environmental Control
RESIDENTIAL LOT
CONSTRUCTION ENTRANCE
STANDARD DRAWING NO: SC-06A PAGE 2 of 2
GENERAL NOTES

TOP VIEW

PIPE

CURB INLET FILTER
1.0’ Min

1.0’ Min

CURB INLET

CURB INLET FILTER

DIRECTION OF FLOW

GUTTER

PLAN SYMBOL

South Carolina Department of Health and Environmental Control
Type E
SURFACE COURSE CURB INLET FILTERS
STANDARD DRAWING NO: SC-10 PAGE 1 of 2
NOT TO SCALE

X:\PLNDC\Planpdf\WORD DOCS for all\PERMIT_PACKET_RESIDENTIAL_BUILDING_OLD_TOWN_PlanDev_20180608.docx 3/7/2019
11/22/2013
SURFACE COURSE CURB INLET PROTECTION

GENERAL NOTES

1. Only use surface curb inlet filters that have a minimum height or diameter of 9-inches and have a minimum length that is 2-feet longer than the length of the curb opening.

2. Surface course inlets filters that are designed to completely block the inlet opening are prohibited. Acceptable inlet filters should allow for overflows to enter the catch basin.

3. Surface course inlet filters should be constructed with a synthetic material that will allow stormwater to freely flow through while trapping sediment and debris.

4. Straw, straw fiber, straw bales, pine needles and leaf mulch are not permissible filter materials.

5. Each filter should have aggregate compartments for stone, sand, and other weighted material or mechanisms to hold the unit in place. Fill aggregate compartments to a level (at least 1/2 full) to hold the filter in place and create a seal between the filter and the road surface.

6. Use only Type E inlet filters appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #58, or filters meeting the most current edition of the SC DOT Standard Specifications for Highway Construction.

INSPECTION AND MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.

2. Regular inspections of all inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.

3. Attention to sediment accumulations in front of the inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.

4. Remove accumulated sediment when silt and/or debris has built up around the filter preventing stormwater to flow through the filter.

5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.

6. Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.

---

South Carolina Department of Health and Environmental Control

Type E

SURFACE COURSE CURB INLET FILTERS

STANDARD DRAWING NO. SC-10 PAGE 2 of 2

GENERAL NOTES

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TOP VIEW

SECTION A-A

PLAN SYMBOL

South Carolina Department of Health and Environmental Control

Type F

INLET TUBES

STANDARD DRAWING NO. SC-11 PAGE 1 of 2

NOT TO SCALE
TYPE F – INLET TUBES INLET PROTECTION

GENERAL NOTES

1. Inlet tubes should be composed of compaction geotextiles, curved excelerator wood, natural coconut fibers, a hardwood mulch, or a mix of these materials enclosed by a flexible netting material.

2. Inlet tubes should utilize an outer netting that consists of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material. Curved wood excelerator fiber, or natural coconut fiber rolled erosion control products rolled up to create an inlet tube device are not allowed.

3. Do not use straw, straw fiber, straw bales, pine needles, or leaf mulch as fill material within inlet tubes.

4. Weighted inlet tubes must be capable of staying in place without external stabilization measures and may have a weighted inner core or other weighted mechanism to keep them in place.

5. Install weighted tubes lying flat on the ground, with no gaps between the underlying surface and the inlet tube. Do not stack inlet tubes. Do not completely block inlet with tube.

6. Non-weighted inlet tubes require staking or other stabilization methods to keep them safely in place.

7. Overflow or overtopping of inlet tubes must be allowed to flow into inlet unobstructed.

8. To avoid possible flooding, two or three concrete cinder blocks may be placed between the tube and the inlet.

INSPECTION AND MAINTENANCE

1. The key to functional inlet protection is weekly inspection, routine maintenance, and regular sediment removal.

2. Regular inspections of all inlet protection must be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.

3. Attention to sediment accumulations in front of the inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.

4. Remove accumulated sediment when it reaches 1/3 the height of the blocks. If a sump is used, sediment should be removed when it fills approximately 1/3 the depth of the hole.

5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.

6. Large debris, trash, and leaves should be removed from the front of tubes when found.

7. Replace inlet tube when damaged or as recommended by manufacturer specifications.

8. Inlet protection structures should be removed after the disturbed areas are permanently stabilized. Remove all construction material and sediment, and dispose of them properly. Grade the disturbed area to the elevation of the drop inlet structure crest. Stabilize all bare areas immediately.
TEMPORARY STOCKPILE AREA

NOTES:
1. SILT FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOPE THE SILT FENCE IS TO EXTEND ALONG CONTURS OF THE DOWN-GRADIENT AREA.
2. IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.
3. SILT FENCE SHALL BE MAINTAINED UNTIL STOCKPILE AREA HAS BEEN REMOVED OR PERMANENTLY STABILIZED.
4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.

Temporary Seeding - Upstate

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Permanent Seeding - Upstate

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South Carolina Department of Health and Environmental Control
TEMPORARY STOCKPILE
STANDARD SPECIES NO. SC-15
NOT TO SCALE

July 21, 2005
South Carolina SHEC Storm Water Management BMP Handbook
Appendix C
APPENDIX 7-A: CONSTRUCTION STANDARDS

All improvements required by this Ordinance shall comply with the standards specified by the City of Rock Hill. The notes contained herein are not a complete list of those standards but are intended to clarify certain standards and policies that impact development. The complete construction standards for water and sewer construction may be obtained from the Planning and Development Department. Roadway/drainage standards must comply with current applicable SCDOT construction standards. All concrete construction (including sidewalks and curb & gutter) shall be a minimum strength of three thousand five hundred (3,500) PSI.

A. Sidewalks

Sidewalks should be designed for site or soil conditions. Sidewalks shall be located seven (7) feet from the back of the curb as shown in Figure 7-100(B)(2), but need not be a uniform distance from the curb. When sidewalks meander as part of a design concept or to avoid obstructions, there must be sufficient room for mailboxes, utility straps, and at least three (3) feet of landscaping. They should not cause design or drainage problems in relation to the curb. Wheelchair ramps with detectable warnings shall be installed at all intersections and pedestrian crossings. The developer may choose from the standards shown in Figure 7-A(1), Standards for Sidewalks, and note such on all plat and construction plans.

FIGURE 7-A(1): STANDARDS FOR SIDEWALKS

![Sidewalk Standards Diagram]

Standard #1: 6 inch concrete section with geotextile fabric

5 ft. Sidewalk

6 inch Concrete
Geotextile Fabric

(when field conditions warrant)

Standard #2: 4 inch concrete section with geotexile fabric and 2 inch ABC

5 ft. Sidewalk

4 inch Concrete
2 inch Aggregate Base Course
Geotextile Fabric

(when field conditions warrant)
Effective July 1, 2007, the home builder is responsible for the installation of any required sidewalk or the repair and/or replacement of any damaged curb and sidewalk directly adjacent to the permitted lot. Before the C.O. for the house will be issued, all repairs/replacements must be completed to the satisfaction of the City.

If a sidewalk is required to be installed, the plan reviewer will note this during plan review and on your field copy set of plans.
Air sealing key points

1. Building envelope plate and wall plumbing and electrical penetrations
2. Tub/shower on outside or attic wall
3. Window and door roothoppenings
4. Allight, IC-rated recessed lights and electrical fixtures exposed to attic
5. Exterior wall exhaust fan terminations
6. Ceiling mounted bath fans, speakers, etc.
7. Bottom plate and top plate
8. Joints between rigid exterior sheathing and attic
9. Band area between focal, conditioned space and attic
10. Tub on exterior wall
11. Mechanical equipment and ductwork chases in attic, crawlspaces
12. Ceiling/crawlspace electrical boxes
13. Ceiling/crawlspace HVAC boots
14. Shower and tub drain line
15. Photovoltaic inserts
16. Attic kneewall doors
17. Joint cavities under attic kneewalls
18. Transition between ceiling heights (e.g., 10' to 8')
19. Attic scuttle hole
20. Attic pull-down stairs
21. Wall penetrations of mechanical combustion closets
22. Thresholds at mechanical combustion closet doors
23. Transient exposed to exterior
24. Band area exposed to unconditioned space (such as basement or garage)
25. Exterior wall penetrations for refrigeration lines, condensate line, etc.

Seal allight, IC-rated recessed light fixtures to drywall
Insulate and install sheet material behind hatch
Window sealed into rough opening using bottle rod
Insulated exterior wall
Seal gap between electrical box and drywall
Seal wiring and plumbing penetrations

This document is intended solely to help graphically demonstrate the air leakage provisions of section 402.4 of the 2009 IECC. It does not cover all airsealing locations or techniques. Other code provisions may be applicable as well.
Air sealing key points continued

Window rough opening

1. Use backer rod or spray foam (appropriate for windows) to fill gaps between window/door and rough opening.

Wall cross-section

7. Glue drywall to top and bottom plates

9. Caulk bottom plate to subfloor

23. Caulk band joint to subfloor and plates

7. Glue drywall to top plate

8. Tape or caulk exterior sheathing seams

24. Sill gasket or double-bead of caulk under bottom plate

8-inch inspection gap

Sill seal required or caulk plate to concrete

This document is intended solely to help graphically demonstrate the air leakage provisions of section 402.4 of the 2009 IECC. It does not cover all airsealing locations or techniques. Other code provisions may be applicable as well.
Air sealing key points continued

Install blocking and suffer baffle to prevent wind-washing if vented, insulated roofline.

Sealed attic-side air barrier (required)—OSB, insulated sheathing, etc. All penetrations, gaps and cracks sealed with foam or caulk.

Blocking - fill in joist cavity, caulked or foamed

Attic knee-walls

R-13 insulation (required) Notch insulation and seal rough opening

Caulk and seal rough opening

Fiberglass insulation

Minimum R-30 required Weather-strip door opening and threshold

Two-level attic

Unconditioned space

Air barrier required, rigid board

Caulk

Attic knee wall requires R-13 Insulation

Caulk

Conditioned space

Blocking

This document is intended solely to help graphically demonstrate the air leakage provisions of section 402.4 of the 2009 IECC. It does not cover all air sealing locations or techniques. Other code provisions may be applicable as well.
Air sealing key points continued

This document is intended solely to help graphically demonstrate the air leakage provisions of section 402.4 of the 2009 IECC. It does not cover all airsealing locations or techniques. Other code provisions may be applicable as well.