



ReWa Capacity Approval Process Service Lateral Connection Project

Date: March 3, 2020

For new development, service availability, and general development questions contact ReWa Development Services. There are two classifications of service that require ReWa approval - Service Lateral Connections and Public Main Extensions. A **Service Lateral Connection** refers to a single sewer line typically from a repurposed building, new commercial development, or new single building. Service laterals may connect to a Satellite Sewer Agency sewer line or directly to a ReWa manhole. A service lateral does not require permitting through SCDHEC, therefore once the capacity letter is issued by ReWa, the flow is officially allocated to the development. A **Public Main Extension** refers to a new collection system of sewer lines and manholes typically used for new subdivisions, apartments, townhomes, etc. The new collection system will need to be permitted through ReWa and SCDHEC. ReWa will not officially guarantee flow capacity until plans are approved (refer to Step 2 in the Public Main Extension process). Individual homes or buildings associated with a Public Main Extension do not go through ReWa's Service Lateral permitting process.

General Inquiries / Pre-submittal Requirements

- 1) Prior to beginning the Capacity Approval Process any general inquiries shall be directed to ReWa Development Services (Contact Kim Volek; ph. 864-299-4000, ext. 288; development@re-wa.org).
- 2) All development activities shall be coordinated between the developer and the applicable Satellite Sewer Agency serving the property prior to beginning the Capacity Approval Process for service lateral connections.
- 3) Should the proposed development require potential connection directly to ReWa's infrastructure the Satellite Sewer Agency shall first discuss this option with ReWa Development Services before beginning this application process.
- 4) If the proposed development is located on a property parcel that either contains or is adjacent to an existing ReWa sewer line easement the Satellite Sewer Agency shall first meet with ReWa Development Services to discuss project specifics before beginning this application process.

Capacity Approval Process

- 1) The developer makes formal request to ReWa Development Services for capacity availability in ReWa collection lines and water resource recovery facilities. This request package includes, but is not limited to, information on the following items:
 - a) Project name
 - b) Tax Map Number(s)
 - c) Type of development: residential, multi-family, industrial, etc.
 - d) Flow calculations for requested capacity per SCDHEC Contributory Loadings (in gallons per day).

- e) Proposed water resource recovery facility
 - f) Include attached map with proposed connection point to Satellite Sewer Agency or ReWa
 - (1) Should proposed development require potential connection directly to ReWa's infrastructure the Satellite Sewer Agency shall first discuss this option with ReWa Development Services. The Satellite Sewer Agency shall secure written approval for such a connection point prior to the submittal of the Capacity Availability Request package to ReWa.
 - (2) For project work on parcels that either contain or are adjacent to an existing ReWa sewer line easement the Satellite Sewer Agency and/or Developer shall provide the additional information requested by ReWa resulting from the meeting discussions previously held as required in Item 4 above.
 - g) Completed Service Lateral Connection Capacity Request Form
 - (1) If flow is conveyed through multiple Satellite Sewer Agencies then a signature from each agency must be obtained prior to submittal to ReWa.
 - h) In addition, a completed Service Lateral Connection Permit to ReWa is required when connecting directly to a pre-approved existing ReWa manhole.
- 2) All items requested must be provided in a complete package to ReWa Development Services.
- i) ReWa Development Services will provide status updates to all parties as may be applicable.
 - ii) ReWa Development Services will review the package for completeness and coordinate with the Satellite Sewer Agency as may be necessary before a technical review of the package will begin.
- 3) ReWa Development Services will begin a technical review on a completed package once it is received.
- a) ReWa Development Services will respond within 10 business days of their receipt of the complete package. If further information is required ReWa Development Services will request additional information from the developer or Satellite Sewer Agency. ReWa Development Services will resume review of the Capacity Approval Process once this information is received.
 - b) ReWa Development Services will generate the approved Service Lateral Connection Capacity Request Form for distribution to the Satellite Sewer Agency and Developer. This approved form allocates capacity in ReWa's system for service to the proposed project.
- 4) ReWa's Capacity Approval may be rescinded by ReWa if either of the following issues occur:
- a) The development is not completed within two years of the date of the approved ReWa Service Lateral Connection Capacity Request Form.
 - b) The plan for the development changes and the previously requested flow is no longer applicable. In such cases a new Capacity Availability Request will be required.



Service Lateral
Capacity Request Form
Form Revision Date:3/3/2020

Project Information

Project Name: _____ Date: _____

Engineer (Company): _____ Phone: _____

Engineer (Contact): _____ Signature: _____

Engineer Address: _____ Email: _____

Developer (Company): _____ Phone: _____

Developer (Contact): _____ Email: _____

Developer Address: _____

Tax Map Numbers for Project: _____

Proposed Water Resource Recovery Facility: _____

Estimated Total Sewer Flow: _____ gal/day. Attach Flow Calculations.
(Average daily flow as calculated using SCDHEC Unit Contributory Loadings)

Connection Type - Gravity Force Main Connection Point - Satellite Sewer MH ReWa MH

Attach map identifying proposed connection point to existing collection/trunk sewer.

Are Multiple Collection Agencies involved? Yes No If yes, both agencies will need to fill out the respective portions of the form below.

Ownership, Operation & Maintenance of Collection System will be assigned to: _____

Will there be a new Pump Station associated with this development? Yes No

Primary Satellite Sewer Agency Preliminary Approval Agency Name: _____

Does capacity appear to be available to serve this project? Yes No Approved Connection Point? Yes No

Comments: _____

Collection Agency Signature: _____ Date: _____

Secondary (Transport) Sewer Agency Preliminary Approval Agency Name: _____

Does capacity appear to be available to serve this project? Yes No

Comments: _____

Collection Agency Signature: _____ Date: _____

ReWa Preliminary Approval

ReWa has verified all affected agencies have completed review form. ReWa Project No: _____

Does ReWa capacity appear to be available to serve this project? Yes No Approved Connection Point? Yes No

ReWa Direct Connect form attached, if connection is to a ReWa MH. Yes No ReWa Pretreatment form attached? Yes N/A

Comments: _____

ReWa Representative: _____ Date: _____

This form does not constitute a permit to connect to ReWa or any other sanitary sewer agency, nor is it to be used to obtain building permits from any regulatory agency. A permit to connect will be issued once the New Account Fee has been paid.

Note: Approval is valid for 24 months from the executed date of this document.



Service Lateral Connection Permit to ReWa

Form Revision Date: 4/1/2016

Date: _____ Satellite Sewer Agency: _____

Tax Map Number (s): _____

The Satellite Sewer Agency has verified that the property is located within its boundary and that there is no collection sewer line available to provide service to the property. Therefore, the appropriate means of providing sewer service is to connect to a ReWa trunk line manhole.

The connection shall be in accordance with the Service Lateral Connection Detail attached. The property owner shall notify the Satellite Sewer Agency 48 hours prior to beginning construction of the service lateral to schedule required inspections. The service lateral from the manhole to the edge of ReWa's right of way will be owned by the Satellite Sewer Agency.

The connection shall be subject to the Satellite Sewer Agency's customary tap fee of \$_____.

Satellite Sewer Agency Signature

Date

The Property Owner, his heirs or assigns shall be responsible for the condition and maintenance of the service lateral and shall remedy any deficiencies within 30 days of written notice from the Satellite Sewer Agency or ReWa. Failure to remedy the deficiency or deficiencies within the designated time period shall result in the termination of service.

Surcharges occur in sewer trunk lines. It is the property owner's responsibility, when connecting to a trunk sewer, to protect his property. The use of a backflow device is recommended. Other options may also be available to the property owner. Neither the Satellite Sewer Agency nor ReWa will accept liability should property damage result from this connection.

Applicant's Signature

Date

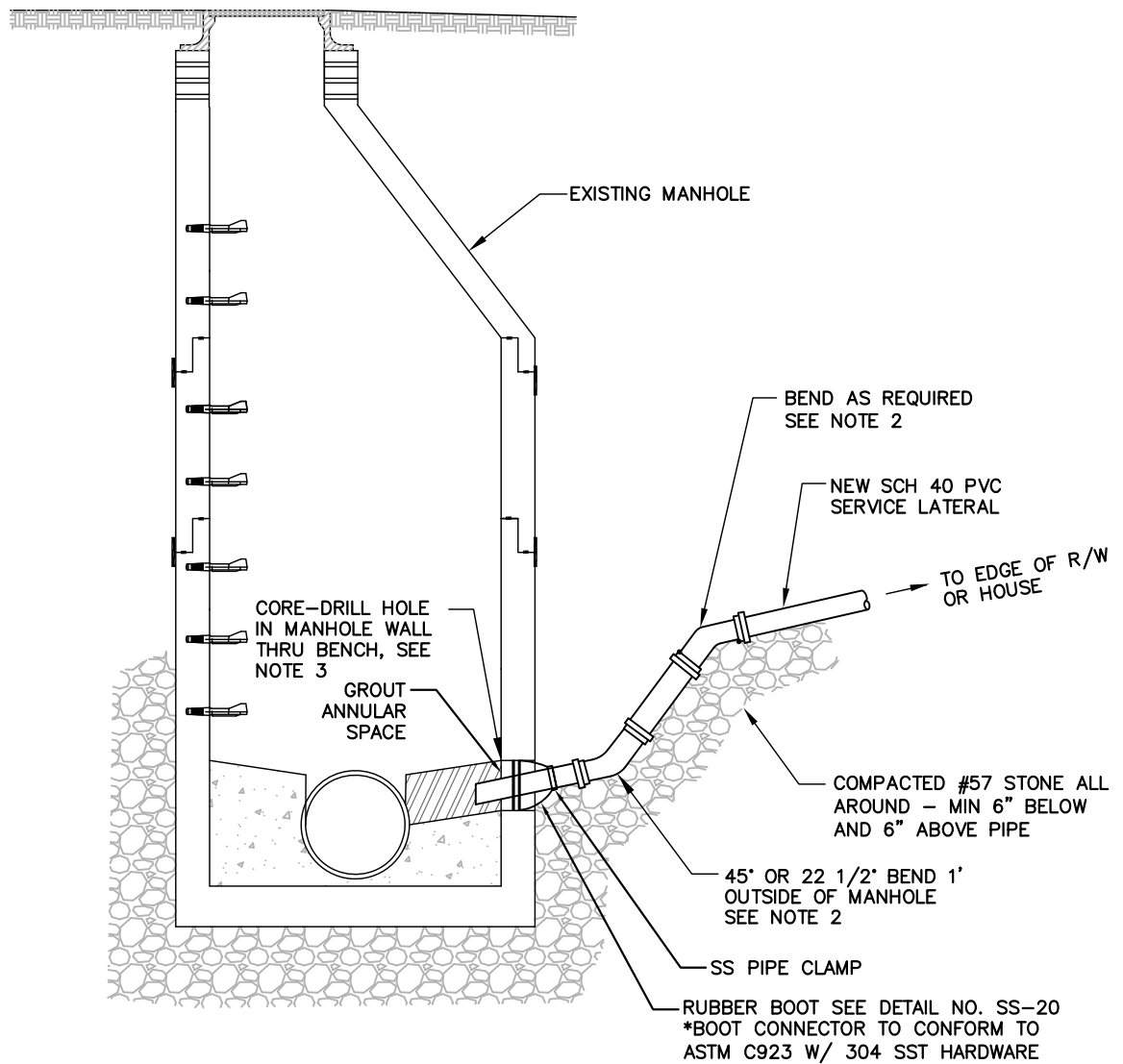
ReWa approves the lateral connection to the trunk line and will accept the average daily flow of _____ gpd. The lateral connection size is _____ inch diameter and shall be made at manhole number _____. The lateral connection shall be in accordance with the attached Service Lateral Connection Detail.

The property owner shall notify ReWa Development Services at least 48 prior to the final inspection, upon completion of the connection, but prior to recovering any trenches. (864-299-4000)

The connection shall be subject to ReWa's "New Account Fee".

Renewable Water Resource's Signature

Date



NOTES:

1. REFER TO THIS DETAIL WHEN INSTALLING NEW SERVICE LATERALS TO EXISTING MANHOLES. SEE DETAIL SS-15, NOTE 2 FOR SERVICE LATERAL MATERIALS OF CONSTRUCTION.
2. ROUTE ALL NEW SERVICE LATERALS BEING INSTALLED TO NEW MANHOLES SUCH THAT THE SERVICE LATERAL CROWN ELEVATION MATCHES THE HIGHEST CROWN ELEVATION OF THE CONNECTING SEWER(S). CONTRACTOR SHALL USE BENDS AS NECESSARY. 90° BENDS SHALL NOT BE USED. DROP PIPES INSIDE MANHOLES SHALL NOT BE ALLOWED.
3. CORE DRILL HOLE THROUGH WALL OF MANHOLE AND EXISTING BENCH AS DEPICTED IN THE DETAIL. PROVIDE A WATERTIGHT SEAL AT THE PIPE CONNECTION USING A FLEXIBLE RUBBER BOOT PER DETAIL NO. SS-20.

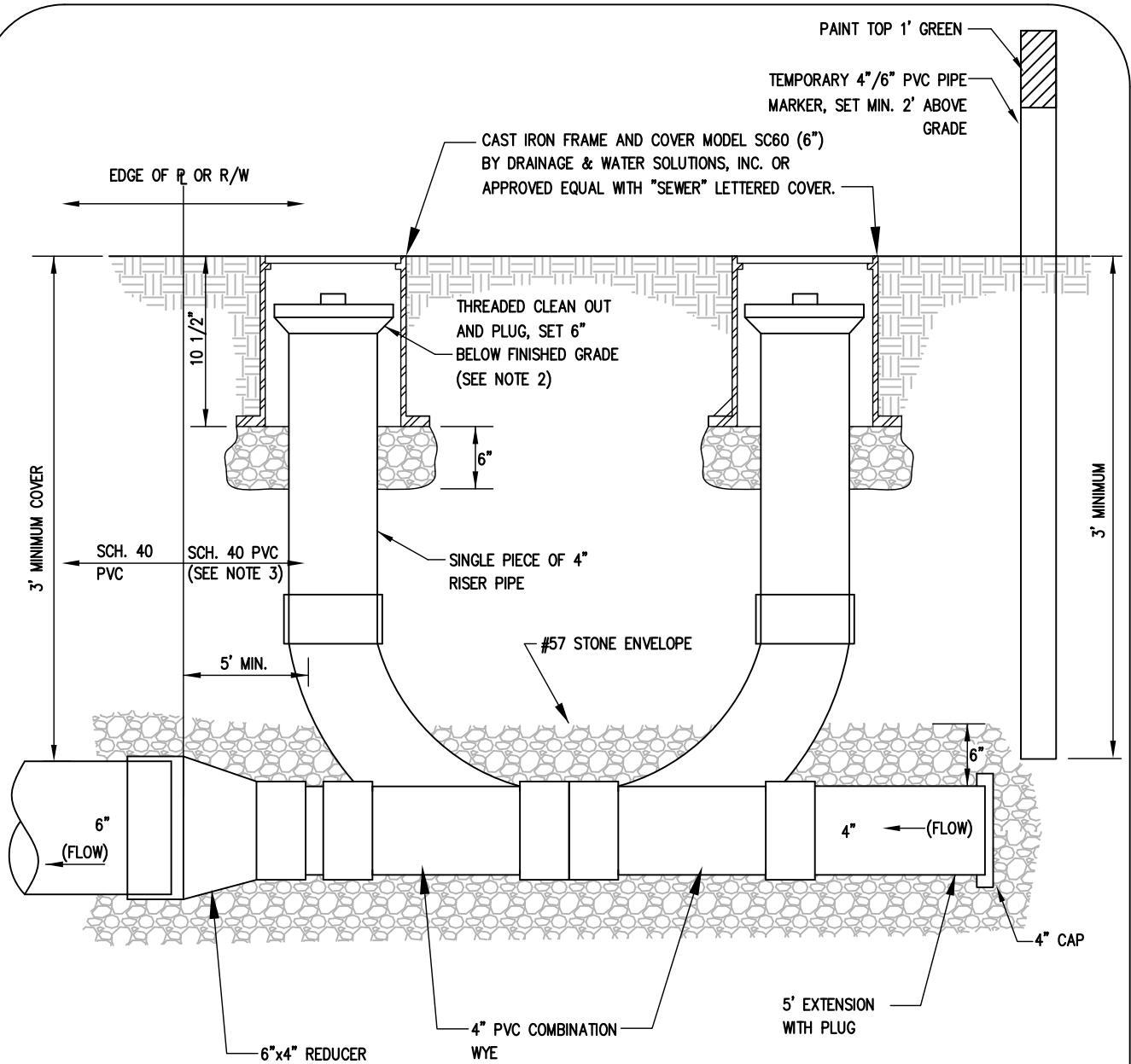


**NEW SERVICE LATERAL
INSTALLATION TO EXISTING
MANHOLE**

DETAIL No.
SS-17

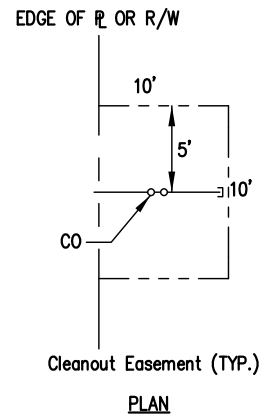
10/11/19
REV DATE

N.T.S.
SCALE



NOTES:

1. SERVICE LATERAL PIPING SHALL BE SOLID WALL SCH 40 PVC CONFORMING TO ASTM D 1785. INSTALL FITTINGS AND ADAPTERS AS NECESSARY TO CONNECT CLEANOUT TO SERVICE LATERAL.
2. MIN. GRADE OF 1/4" PER FOOT (2%) REQUIRED.
3. DURING FINAL GRADING OF BUILDING SITE, PLUMBER SHALL ADJUST FRAME AND COVER AND CLEAN OUT (INCLUDING WASHED STONE) AS NECESSARY TO MEET DETAIL REQUIREMENTS.
4. CONSTRUCTION OF CLEAN OUT AND APPURTENANCES SHALL BE IN ACCORDANCE WITH APPLICABLE COUNTY BUILDING CODES.



07/01/19
REV DATE

**SERVICE LATERAL
TWO-WAY CLEANOUT**

DETAIL No.
SS-18

N.T.S.
SCALE