INSTRUCTIONS FOR INSTALLATION OF PRIVATE STORM LATERALS

REQUIREMENTS FOR PERMIT:
- Completed application form
- Plot plan of property showing lot lines, setbacks & drainage
- Estimated cost of construction
- Name of Contractor, if applicable (Contractor must be registered with the City of North Ridgeville)
- Homeowner’s signature or copy of signed agreement/contract REVIEW PROCESS:
  (allow 1 week for processing)
- Submit application and drawing(s) to Building Department
- Review of the grading/drainage & easements with Engineering Department is required prior to issuance of permit
- Building Department will notify applicant when plan review is complete and permit is ready to be picked up

FEES:
- See fees listed on Residential Building Permit Fees page (website or handout)
  - Base Permit Fee
  - Administration Fee

CONNECTION SPECIFICATIONS AND EASEMENTS:
- Lateral connections may be connected to existing storm infrastructure located in storm easements, with City Engineer approval, HOA approval and City approval in right-of-way (indicate request on drawing at the time of application submission)
- Must use lateral connections based on attached specifications. (Kor-N-Tee for RCP pipe and Inserta-Tee connection for plastic pipe)
- No grade change authorized without grading plan and approval of City Engineer ($75 Fee).

INSPECTIONS REQUIRED:
- Must call Engineering Department 24 hours in advance for inspection
- Trench must be left open and pipe joints exposed.
- Do not connect downspouts.
- Do not change grade in side yards higher than adjoining properties.
STORM LATERAL PLAN APPROVAL APPLICATION

CONSTRUCTION SITE ADDRESS: ____________________________
CONTRACTOR: ____________________________ DATE:
CONTRACTOR ADDRESS: ____________________________
CONTACT PHONE #: ____________________________ E-MAIL: ____________________________
PROPERTY OWNER: ____________________________ DATE:
PROPERTY OWNER ADDRESS: ____________________________
CONTACT PHONE #: ____________________________ E-MAIL: ____________________________

(CHECK ALL ACTIVITIES PERTAINING TO THIS APPLICATION)

NEW CONSTRUCTION: □ Single Family □ Multi-Family # of Units __________
Square Footage: Finished Basement: _______ 1st Fl: _______ 2nd Fl: _______ Total: _______
Garage: □ Attached □ Detached □ Storage Building Size: W _______ x D _______ Square Feet: _______
Sub Lot #: ____________________________ Permanent Parcel #: ____________________________ Water Permit #: ____________________________
Zoning District: ____________________________ Subdivision: ____________________________ Model / Plan Name: ____________________________
YARD REQUIREMENTS: Width at R.O.W: ____________________________ Flood Plain Zone: ____________________________

ADDITION / ALTERATION: Year Dwelling Built: _______ Addition/Alteration Square Footage: _______
□ Dwelling Addition □ Garage Addition □ Storage Bldg. Addition □ Kitchen Remodel □ Basement Remodel

GENERAL PERMITS:
□ Re-Siding □ Re-Roofing □ Fire Damage Repair □ 2nd water meter
□ Demo □ Above-Ground Pool □ In-Ground Pool □ Lawn Sprinkler
□ Gazebo □ Other: ____________________________
□ Fence Style: ____________________________ Size: ____________________________
□ Deck Size: ____________________________ Square Feet: ____________________________

HVAC:
Condensing Unit Location: □ Rear yard □ Left side yard □ Right side yard
Furnace Capacity: _______ BTU’s Water Heater Capacity: _______ BTU’s
Furnace Fuel Type: □ Natural Gas □ L.P. Gas □ Electric □ Other: _______
Water Heater Fuel Type: □ Natural Gas □ L.P. Gas □ Electric □ Other: _______
Air Conditioner Capacity: _______ Tons Ductwork Type: □ Sheet metal □ Duct board
Gas Meter Location: □ Front yard □ Rear yard □ Left side yard □ Right side yard
Water Meter Location: □ Front □ Rear □ Left side □ Right side

The following information must be clearly identified on the Construction drawings: Furnace location, water heater location, vent termination for dryer, furnace & water heater, water meter location (if slab construction).

Indicate Energy Code compliance method: ____________________________
City of North Ridgeville
Building Department
7307 Avon Belden Rd, North Ridgeville, OH 44039
Phone: (440) 353-0822 Fax: (440) 353-0823

**PLUMBING:**
- □ New
- □ Alteration
- □ Service Line

*Indicate fixture count below:*
- Water Closet(s) _____
- Lavatory(s) _____
- Water Heater(s) _____
- Dishwasher(s) _____
- Hot Tub(s) _____
- Other(s) _____


Water Distribution System: □ Copper □ PVC / plastic

**ELECTRICAL:**
- □ New
- □ Alteration/Addition
- □ Service Change
- □ Service Entrance Service Amps: ________

*Indicate load wattages & amperages for each item applicable below:*
- Range: ________ watts
- Water Heater: ________ watts
- Dishwasher: ________ watts
- Sewage Ejector: ________ watts
- Cook top: ________ watts
- Clothes Dryer: ________ watts
- Disposal: ________ watts
- Water Pump: ________ watts
- Oven: ________ watts
- Gas Clothes Dryer: ________ watts
- Sump Pump: ________ watts
- Other: ________ watts

Air Conditioner: ________ volts ________ amps
Furnace: ________ volts ________ amps
Electric Space Heater: ________ volts ________ amps
Heat Pump: ________ volts ________ amps

**TRADE**

<table>
<thead>
<tr>
<th>TRADE</th>
<th>NAME OF CONTRACTOR</th>
<th>REGISTERED</th>
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<tbody>
<tr>
<td>Masonry:</td>
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<td>Yes / No</td>
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<tr>
<td>Carpentry:</td>
<td></td>
<td>Yes / No</td>
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<tr>
<td>Plumbing:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Electrical:</td>
<td></td>
<td>Yes / No</td>
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<tr>
<td>HVAC:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Decorating:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Floor Covering:</td>
<td></td>
<td>Yes / No</td>
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<tr>
<td>Drywall:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Excavator:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Pool Erector:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Landscaper:</td>
<td></td>
<td>Yes / No</td>
</tr>
<tr>
<td>Other:</td>
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<td>Yes / No</td>
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(Circle one)

**NOTE:** All contractors submitted regarding this permit, must be registered and approved by the Building Dept. for the current year.

Cost of Construction: $__________
Applicant’s Signature: ______________________

Property Owner’s Signature: ______________________

Sidewalk Ordinance received date: ________
Applicant’s Signature: ______________________

Date: ________ Approved: ______________________
If necessary, bicycle safe friendly shall be specified in the plan.

**GENERAL AREA**

**YARD INLET**

**ROADSIDE INLET**

<table>
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<tr>
<th>CATALOGO NO.</th>
<th>**</th>
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Note: All dimensions shown are in inches. Specifications include all required construction and materials. Drainage pipes shall be installed on stone bedding. The area shall be properly drained and graded.
Kor-N-Tee®
Pipe-To-Pipe Connector
Data Sheet & Installation Instructions

The Kor-N-Tee Pipe-to-Pipe Connector is an economical, watertight seal for concrete pipe that can be installed quickly and easily without complete excavation of the pipe and disruption of the bedding.

Designed for concrete pipe 12 inches and larger with lateral connections 4-10 inches; it provides a flexible lateral connection that accommodates ground movement and helps prevent shear. The toggle and wedge installation band eliminates the need for glue, epoxy or grout when making a connection.

The "positive stop" located inside of the Kor-N-Tee prohibits protrusion of the lateral pipe into the main line and materials of construction meet or exceed ASTM C-923 specifications.

Installation Instructions:

1. Core a hole in the main line consistent with the model number for the lateral pipe O.D.

2. Inspect the inside surface of the cored hole. If there is porosity or wire-to-cement separation, use patching or hydraulic cement to smooth the surface.

3. Insert the Kor-N-Tee Assembly into the hole and expand the Wedge or Toggle Korband.

4. Insert the lateral pipe until it "bottoms" on the positive stop in the Kor-N-Tee.

5. Install the Lateral Pipe Clamp in the molded groove and tighten to 60 inch pounds using T-Handle Torque Wrench, P/N 80090.

Installation Tools for Toggle Korband:

Korband Expander Assembly
(P/N 90349 for 5" & 6"
(P/N 90225 for 7", 9", & 11")

Foot Extension for 9" and 11"
9": P/N 10831
11": P/N 12305

Use in conjunction with P/N 90225

<table>
<thead>
<tr>
<th>Connector P/N</th>
<th>Lateral Pipe O.D. Range</th>
<th>Hole Size Range</th>
<th>Pipe Clamp</th>
<th>Min. Pipe L.D.</th>
<th>Min. Wall Thickness</th>
<th>Installation Tools Required</th>
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<tbody>
<tr>
<td>S006-5</td>
<td>4.125 - 4.800</td>
<td>4.960 - 5.010</td>
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<td>S006-6</td>
<td>5.125 - 5.625</td>
<td>5.960 - 6.010</td>
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<tr>
<td>S006-7B</td>
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<td>6.995 - 7.055</td>
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<td>S006-7BS</td>
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<td>7.925 - 8.050</td>
<td>I-128</td>
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<td>2.00</td>
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<td>S006-11</td>
<td>10.000 - 10.750</td>
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<td>2.50</td>
<td>90225 &amp; 12305</td>
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* The S006-7BS with Steel Wedge requires 1/2" socket wrench. Torque to 8ft. Lbs.