TOWN OF HUDSON – Engineering Department

12 School Street · Hudson, New Hampshire 03051 · Tel: 603-886-6000 · Fax: 603-816-1291

TOWN OF HUDSON WATER UTILITY

WATER SERVICE APPLICATION
(RESIDENTIAL)

Below are the step by step procedures for attaining service. Should you have any questions, please call the Engineering Division at 886-6008.

The Town has contracted with WhiteWater to assist with the installation of meters, and inspections. Once an application and the permit fee have been submitted to the Town, the application will be sent to WhiteWater for review. The application fee is based on the meter size and is defined on Exhibit A.

There is also a one-time Water Access Fee that is required for all new connections to the town water main. The Access Fee is set annually, as per the "New Customer Water System Access Fee" schedule attached, and must be paid prior to service turn-on and/or issuance of a Certificate of Occupancy.

STEP BY STEP PROCEDURES FOR OBTAINING SERVICE

NOTE: A Drainlayer's License is required for all work on water mains, service lines and related work in public or private right-of-ways connecting to the Town of Hudson Water Utility.

1. Please complete both the Water Connection Permit Application and Water Demand Form. All fees are required to be paid in full prior to service.

2. Complete the enclosed plan by showing the existing water and sewer mains, location of the proposed water and sewer services and distance from main to house, and all applicable dimensions including building ties to the curb stop.

3. Submit the application, water demand form, and plan with the fees to the Town. Payments can be made via cash or check, made payable to: Town of Hudson.

4. The Town will review the application, and you will be contacted when the review process is completed and approved.

5. It is the applicant's responsibility to hire a contractor to do the installation of the water service line in accordance with Town service specifications, and pay for all water line installation costs. Copies of the appropriate service details can be found online by viewing the Water Service Specifications link, or obtained in the Engineering Department of Town Hall.

A street opening permit may be required. Please contact the DPW for application and processing at 603-886-6018.

Town of Hudson Water Utility

The water service must be inspected by one of the Town's technicians or agents prior to backfill. Inspections can be scheduled by calling the Engineering Department at 603-886-6008. It is your responsibility to fence any trenches that must be left open until inspection.

6. Your final step to receiving water service involves the installation of the water meter, remote reader, and turning on the water service. Please contact **WhiteWater at 603-324-8318** to have your meter installed. Note that it is the responsibility of the contractor to provide meter fittings for 5/8", ¾" and 1" meters in addition to the wire installation, as per the specifications shown on Sheet 1. A list of suppliers for the meter fittings and wire is shown on Appendix X. Fittings and wire for 1.5" and 2" meters will still be provided by the Town of Hudson through WhiteWater. A remote wire will be installed from the inside meter location to the outside of your building before the 1.5" and 2" meter can be set. If any part of this wire needs to be installed behind sheet rock or in an area that will not be accessible to WhiteWater at the time the meter is set, it will be required by your contractor to install the wire from the meter location to the outside, as shown on Sheet 1. A 48-hour notice (business hours) is required.

   Your meter can not be set until your plumber has installed the internal plumbing to your house in accordance with the service details.

   Once the meter is set, a service turn-on can be scheduled through **WhiteWater at 603-324-8318.** The meter can be set and the water turned on during the same appointment.

High & Low Pressure Conditions

The applicant should be aware that the Town of Hudson has adopted the IRC (International Residential Code). This code addresses high and low pressure conditions for water supply. The applicant must address this issue with their plumber.

PRV Requirements

If a Pressure Reducing Valve (PRV) is required, the plumber will be required to perform the installation based on WhiteWater's recommendation. It is the responsibility of the property owner to install a suitable expansion tank and a pressure release valve on water heaters on the premises to prevent damage resulting from lack of pressure relief through

the water line. WhiteWater may also require the property owner to install increased levels of backflow prevention protection.

Cross Connection

It is illegal to have a connection between the distribution system and any pipes, pumps, hydrants, fire protection, sprinkler system or tanks whereby non-potable water or other contaminating materials may be discharged or drawn into the water distribution system.

Separation of Water and Sewer

Water mains shall be installed at least **10-feet horizontally** from any existing or proposed sanitary sewer. In cases where it is not practical to maintain a 10-foot separation, a deviation may be allowed on a case-by-case basis. No water pipe shall pass through or come in contact with any part of a sanitary sewer manhole. The water service or main must be at least **18 inches above** the sewer main or service when crossed.

EXHIBIT 'A'

RESIDENTIAL WATER CONNECTION FEES

1. Application processing & inspections by the Town: **$100.00**

2. Meter installation & inspections:

   Meter installation WITHOUT fittings:

5/8"	**size @**	**$250.00**
¾"	size @	$350.00
1"	size @	$400.00

   Meter installation WITH fittings included:

1 ½"	size @	$800.00
2"	size @	$1,050.00
3"	size @	$1,050.00
	(plus parts)	
>3"	*Cost to be determined at time of application.	

3. New customer water system access fee: *See attached chart

Town of Hudson Water Utility
New Customer Water System Access Fee
January 2002

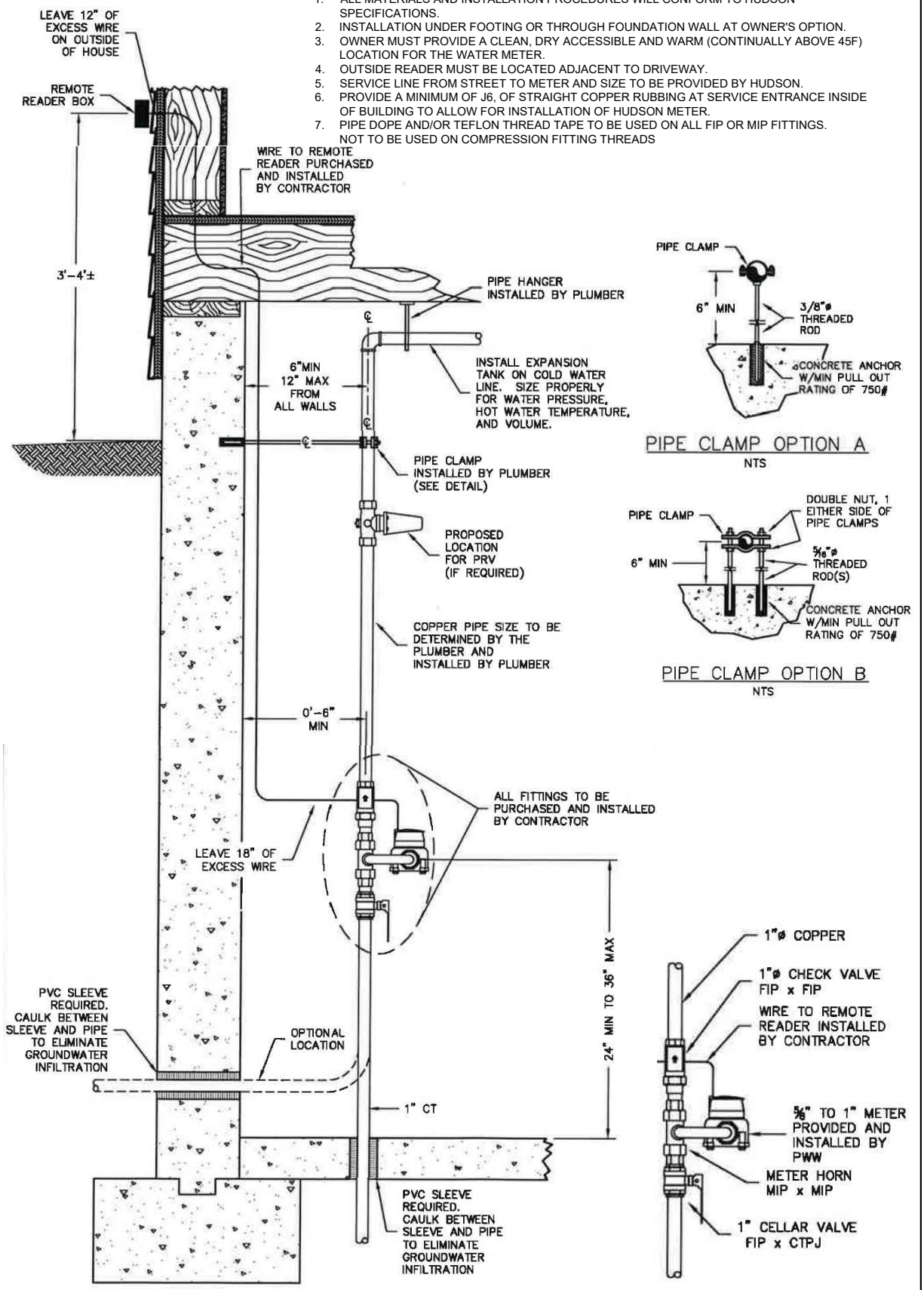
Year	Supply Fee *	Distribution Fee	Combined Total
2001	$1,500	$467	$1,967
2002	$1,545	$659	$2,204
2003	$1,591	$851	$2,442
2004	$1,639	$1,043	$2,682
2005	$1,688	$1,236	$2,924
2006	$1,739	$1,428	$3,167
2007	$1,791	$1,620	$3,411
2008	$1,845	$1,812	$3,657
2009	$1,900	$2,004	$3,904
2010	$1,957	$2,196	$4,153
2011	$2,016	$2,388	$4,404
2012	$2,076	$2,580	$4,656
2013	$2,139	$2,772	$4,911
2014	$2,203	$2,964	$5,167
2015	$2,269	$3,156	$5,425
2016	$2,337	$3,348	$5,685
2017	$2,407	$3,540	$5,947
2018	$2,479	$3,732	$6,211
2019	$2,554	$3,924	$6,478
2020	$2,630	$4,116	$6,746
2021	$2,709	$4,308	$7,017
2022	$2,790	$4,500	$7,290
2023	$2,874	$4,692	$7,566
2024	$2,960	$4,884	$7,844
2025	$3,049	$5,076	$8,125
2026	$3,141	$5,130	$8,271
2027	$3,235	$5,185	$8,420
2028	$3,332	$5,239	$8,571

* Supply Fee is adjusted by 3% per year for inflation.

The above fees are based on a 300 gpd average use.
Fees for other water uses are adjusted proportionally.

NOTES:

1. ALL MATERIALS AND INSTALLATION PROCEDURES WILL CONFORM TO HUDSON SPECIFICATIONS.
2. INSTALLATION UNDER FOOTING OR THROUGH FOUNDATION WALL AT OWNER'S OPTION.
3. OWNER MUST PROVIDE A CLEAN, DRY ACCESSIBLE AND WARM (CONTINUALLY ABOVE 45F) LOCATION FOR THE WATER METER.
4. OUTSIDE READER MUST BE LOCATED ADJACENT TO DRIVEWAY.
5. SERVICE LINE FROM STREET TO METER AND SIZE TO BE PROVIDED BY HUDSON.
6. PROVIDE A MINIMUM OF J6, OF STRAIGHT COPPER RUBBING AT SERVICE ENTRANCE INSIDE OF BUILDING TO ALLOW FOR INSTALLATION OF HUDSON METER.
7. PIPE DOPE AND/OR TEFLON THREAD TAPE TO BE USED ON ALL FIP OR MIP FITTINGS. NOT TO BE USED ON COMPRESSION FITTING THREADS



WATER WATER UTILITY
12 SCHOOL STREET
HUDSON, NH 03051

TYPICAL 1" CT SERVICE WITH 5/8", 3/4" OR I" METER SERVICE INSTALLATION

SHEET 1
NOT TO SCALE
DRAWN BY: EZD
DATE: 2018

DRAWING: G:\FORMS - APPLICATIONS\WATER PERMIT FORMS\NEW FORMS\DETAILS.DWG [MODEL]

Appendix X

Meter Fittings and Connection Wire Suppliers list:

For Meter Fittings:

E J Prescott Inc
Address: 210 Sheep Davis Rd, Concord, NH 03301
Phone: (603) 224-9545

Ferguson Waterworks
Address: 1 Chester Rd, Raymond, NH 03077
Phone: (603) 895-2282

Concord Winwater Works Co
Address: 12 Sandquist St, Concord, NH 03301
Phone: (603) 223-6910

Water Works Supply Corporation
Address: 71 Rockingham Rd, Londonderry, NH 03053
Phone: (603) 432-6393

For Connection Wire:

Ti-SALES
Address: 36 Hudson Rd, Sudbury, MA 01776
Phone: (800) 225-4616

TYPICAL METER FITTINGS REQUIRED

METER DESCRIPTION	QUANTITY	PART
5/8"	1	3/4 IN. COPPER KORNERHORN BALL VALVE
	1	3/4 IN. COPPER # 2 KORNERHORN 3/4" X 5/8"
	1	3/4" CHECK VALVE
	1	3/4" PACK JOINT ASSEMBLY PJ A4-13
	1	1 IN. PACK JOINT ASSEMBLY PJ A4-14

METER DESCRIPTION	QUANTITY	PART
3/4"	1	1 IN. CURB STOP (CELLAR VALVE) 1" CTPJ X 1" FIP
	1	1 IN. COPPERHORN
	1	1 IN. CHECK VALVE
	1	1 IN. MALE ADAPTERS 1" MIP X 1" CTPJ
	2	BRASS METER ADAPTER 3/4" TO 1"

METER DESCRIPTION	QUANTITY	PART
1"	1	1 IN. CURB STOP (CELLAR VALVE) 1" CTPJ X 1" FIP
	1	1 IN. COPPERHORN
	1	1 IN. CHECK VALVE
	1	1 IN. MALE ADAPTERS 1" MIP X 1" CTPJ

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RESIDENTIAL WATER CONNECTION PERMIT APPLICATION

PLEASE NOTE: It will be the responsibility of the applicant to provide meter fittings for 5/8", ¾" and 1" meters, as per the specifications shown on Sheet 1. Fittings for 1.5" and 2" meter will still be provided by Town of Hudson through WhiteWater. The costumer shall also be responsible for installing the wire as shown on the attachments.

1. **APPLICANT INFORMATION:** Owner_____ Contractor_____

NAME: _____

ADDRESS: _____

PHONE: _____ EMAIL: _____

BUILDING LOCATION: _____

TAX MAP: _____ LOT: _____

DRAINLAYER'S LICENSE #: _____ CONTRACTOR: _____

A Drainlayer's License is required for all water mains, services, and related work in public and private right-of-ways connecting to the Town of Hudson Water Utility.

OWNER (If different from above):_____

OWNER PHONE #: _____

By applying for this connection, I agree to abide by all applicable Town, State and Federal requirements.

SIGNATURE:_____

For office use:

2a. **PERMIT FEE:** 5/8" Meter Amount: **$350.00**
Date: _____ Receipt #: _____ Received by:_____

2b. **ACCESS FEE**: Amount: _____
Date: _____ Receipt #: _____ Received by:_____

3. **SERVICE TYPE:** NEW RENEWED METER ONLY

4. DEPARTMENT OF PUBLIC WORKS:

Street opening permit required: YES _____ NO _____

SPECIAL CONDITIONS: _____

_____

5. TOWN ENGINEER REVIEW:

SPECIAL CONDITIONS: _____

_____

6. OTHER REQUIREMENTS:

BACK FLOW PREVENTER REQUIRED: Yes _____ No _____

PRESSURE REDUCING VALVE REQUIRED: Yes _____ No _____

PRV Requirements

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Meter Fitting Requirements

It will be the responsibility of the costumer/contractor to provide meter fittings for **5/8"**, **¾"** and **1"** meters in addition to the wire installation, as per the specifications shown on Sheet 1. Fittings for 1.5" and 2" meters will still be provided by the Town of Hudson through WhiteWater. The costumer shall also be responsible for installing the wire as shown on Sheet 1.

Building Location: _____

Tax Map: _____ Lot: _____

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RESIDENTIAL WATER DEMAND FORM

PLUMBING FIXTURES	PIPE SIZE CONNECTION	QUANTITY
Bathtub		
Bedpan Washers		
Combination Sink & Tray		
Dental Unit		
Dental Lavatory		
Drinking Foundation		
Kitchen Sink – ½" Connection ¾" Connection		
Lavatory – 3/8" Connection ¾" Connection		
Lavatory Tray – ½" Connection ¾" Connection		
Shower Head (Shower On)		
Service Sink – ½" Connection ¾" Connection		
Urinal – Pedestal Flush Valve Wall Flush Valve Trough (2 Ft. Unit)		
Wash Sink (Each Set of Faucets)		
Water Closet – Flush Valve Tank Type		
Dishwasher – ½" Connection ¾" Connection		
Washing Machine – ½" Connection ¾" Connection 1" Connection		
Hose Connection (Wash Down)		
Hose (50 Ft. Wash Down) ½" ¾" 5/8"		
Irrigation *Please list: # of heads Area – Sq.Ft.		

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Water Service Sketch

Street Address: _____

Map: _____ Lot: _____

Building Foundation

R.O.W.

Edge of Pavement

R.O.W.

Sketch shall show the approximate location of the existing water main, and the location and distance of the proposed water and sewer service.

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FIRE SERVICE
(If applicable)

SUBDIVISION NAME: _____

LOCATION: _____

BUILDING # _____

SERVICE NO. _____

DATE: _____

FIRE SERVICE SIZE: _____