

**METROPOLITAN UTILITIES DISTRICT**      **COMMERCIAL WATER SERVICE PLAN REVIEW SUBMITTAL FORM**

Metropolitan Utilities District 402.504.7920

**MUD Engineering must review and approve plans for all new or modified water service lines 4" or larger, all fire lines, all services with meter pits, and all master services before a tap is released.** Small diameter services without a meter pit do not require engineering review.

**SUBMIT PLANS AND THIS FORM AT LEAST FOUR WEEKS BEFORE DESIRED TAP DATE**

Email to: [russ\\_rech@mudnebr.com](mailto:russ_rech@mudnebr.com) and copy [commercialwaterservice@mudnebr.onmicrosoft.com](mailto:commercialwaterservice@mudnebr.onmicrosoft.com)

<b>SERVICE INFORMATION</b>			<input type="checkbox"/> New Line
Project Name:			<input type="checkbox"/> Modification
Project Description:			Desired Tap Date: _____
Project Owner:			
Project/Service Address:			
Property Legal Description:			
City:	State:	Zip:	
Requested Tap Size(s)    MUD Main x Tap Size:			
Size(s) of Sprinkler System Fireline(s):			
Size(s) of Domestic Service:			
Number of Private Hydrants:		Size(s) of Fireline(s) to Hydrants:	
Fire Sprinkler Demand: _____ GPM @ _____ psi at elevation _____ ft (NAVD88)			
<i>* See Note on Page 2</i>			

<b>AUTHORIZED REPRESENTATIVE INFORMATION</b>			<input type="checkbox"/> Engineer/Architect
Name:			<input type="checkbox"/> Plumber
Company:			<input type="checkbox"/> Contractor
Mailing Address:			<input type="checkbox"/> Other _____
City:	State:	Zip:	
Phone:	Email:		

<b>PLANS</b>	
Please be sure plans are neatly drawn and show the following minimum information:	
<input type="checkbox"/> North Arrow	<input type="checkbox"/> Adjacent street name(s)
<input type="checkbox"/> Property Address	<input type="checkbox"/> MUD main to be tapped (include main size)
<input type="checkbox"/> Property Lines	<input type="checkbox"/> Location and tee/tap size
<input type="checkbox"/> Lot Number / Legal Desc.	<input type="checkbox"/> Proposed service line with size and material
<input type="checkbox"/> Building(s) Outline	<input type="checkbox"/> Proposed fire hydrants (clearly labeled)
<input type="checkbox"/> Curb Lines	<input type="checkbox"/> Proposed valves (clearly labeled)
<b>FOR LARGE MULTI-DISCIPLINE PLAN SETS, ONLY SUBMIT THE COVER SHEET, GENERAL SITE LAYOUT SHEETS, AND SHEETS RELATING TO WATER SERVICES AND DETAILS - DO NOT SUBMIT LARGE MULTI-DISCIPLINE PLAN SETS.</b>	

(Cont.)

Before submitting, verify that:

- If the new service or modification will supply a fire sprinkler system, the needed fire demand and pressure has been determined by a qualified fire sprinkler designer or an engineer and reviewed against the available flow at the MUD main(s) proposed to be tapped. **\*Service line drawings will not be approved until the fire sprinkler demands are provided.**
- The minimum diameter of service piping supplying private hydrants is 6”.
- Proposed fire hydrants have isolation valves installed at the hydrant branch and the hydrant model and manufacturer are approved and listed in [MUD Standard Specifications](#).
- Service pipe materials will be in accordance with [MUD Water Rules and Regulations](#).
- All water service pipes from 1-inch to 1-1/4 inch diameter shall be Type K copper tubing, except that portion of service from the first valve inside the building to the first valve downstream of the meter which shall be Type K, L, or M copper tubing.
- All water service pipes from 1-1/2 inch up to 4-inch diameter shall be one of the following:
  - Type K copper.
  - Class 52 or heavier, zinc coated, cement mortar lined, ductile iron pipe, with V-Bio Polyethylene encasement installed on all underground installations.
- All water service pipes 4-inch diameter and larger shall be one of the following:
  - Type K copper.
  - Class 52 or heavier, zinc coated, cement mortar lined, ductile iron pipe, with V-Bio Polyethylene encasement installed on all underground installations.
  - DR 14 Polyvinyl Chloride (PVC) that conforms to AWWA C900 and outside diameter conforming to that of ductile iron pipe for potable water applications.
  - DR11 High Density Polyethylene (HDPE) that conforms to AWWA C906 and outside diameter conforming to that of ductile iron pipe for potable water applications.
- **Service drawings submitted to the District for approval for all service lines that are PVC or HDPE must be sealed by a professional engineer registered with the State of Nebraska.**
- If the service is looped, check valves must be provided in vaults near each connection.
- All dead-end runs terminate with a fire hydrant, yard hydrant, or other means of flushing.
- Tapped mains are 16” or smaller.
- Commercial, Industrial, Multi-Family, and all other non-single-family residential property is fully fronted along all public streets and rights-of-way. If not, contact [MUD Main Extension Coordinator](#) to determine if a MUD main extension is required.
- The Designer has reviewed guidelines available online at MUD Builders and Contractors web page.
- Contact MUD Relocations Department if relocation of existing water or gas facilities are needed.
  - [Kyle.Krause@mudnebr.com](mailto:Kyle.Krause@mudnebr.com) 402.504.4649
- The Design meets **all other requirements** of the [MUD Water Rules and Regulations](#).
- Application for the tap or meter must be completed through [MUD Contractors Services Application Web Portal](#).

**NOTE: MUD reviews service drawings for adherence to MUD Rules and Regulations only. MUD does not otherwise review for plumbing/building/fire code compliance or confirm if pipe diameter or fire hydrant layout is adequate. MUD will provide existing hydrant flow test data or perform new tests on public mains near the project as requested, testing fees are charged for most new tests. Contact the Commercial Services Coordinator to request or schedule flow tests.**

MUD service line drawing approval is separate from the City and County Building and Plumbing Permit Process. It is the responsibility of the service line and fire system designer to contact the Authority Having Jurisdiction to determine what additional reviews and permits are required.

Remarks:

I certify that I am an authorized representative of the project owner, that I have read and understood this form, and the information I have provided is true and correct to the best of my knowledge:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

<p><b>FOR MUD USE ONLY</b>  <b>Received Date:</b>  <b>WSC No:</b></p>
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