



List of Materials

Item	Descriptions
1	1" Residential Fire Meter (RFM) (cubic feet register) –May be purchased from the City (See Section 4-12)
2	1" Meter coupling, Ford C38-44-2.625A, Jones J-130, McDonald 4620 1, Mueller H10890N.
3	1" Residential fire service connection, Ford LTBA443-444W-AWT-Q-NL, Jones Residential Fire Service Connection, or approved equal.
4	Valve handle, 3 1/4" brass, Ford HB-34S, Jones J-2815, McDonald 6120B 1", Mueller B-20298-99000.
5	1" Close brass nipple, IPT.
6	1" NIBCO 125# swing check T-413 Buna-N disc or approved equal.
7	1" x 8"L Brass nipple, IPT.
8	1" x 12"L Brass nipple, IPT.
9	1" - 90 Degree brass elbow, F-IPT.
10	Meter box assembly (See Note 5 on Sheet 2 & Section 4-10.06).
11	1/2" crushed rock, 8" minimum base.

REVISED DATE <u>01-19-22 BW</u> <u>03-24-22 BW</u> 	CITY OF NORCO PUBLIC WORKS DEPARTMENT – WATER UTILITY	DRAWN <u>SJN</u> DATE <u>12-6-16</u>
	1" RESIDENTIAL FIRE/DOMESTIC SERVICE INSTALLATION	STD. NO. 411
	APPROVED _____ DIRECTOR OF PUBLIC WORKS	DATE <u>3/30/22</u>

Notes:

1. See other sections of these Specifications for related requirements, or Special Provision if applicable.
2. The water service shall extend perpendicular to street center line except in cul-de-sacs, and the tap shall be at least 24" from any adjacent joint or service.
3. Meter (cubic feet register) to be set for curbside reading.
4. Domestic service line from meter to house shall be sized to Plumbing Code requirements. Fire sprinkler service line sizing shall be approved by Fire Marshal.
5. Approved meter box assemblies for 1" Residential Fire/Domestic Service installation:

Meter boxes and vaults shall be constructed of straight wall polymer concrete. Where required, meter boxes shall have traffic loaded rating covers. All covers that are exposed to foot traffic shall have a slip resistance surface that meets the American with Disabilities Act's slip resistance requirements. Contractor is responsible for selecting a meter box or vault that is sized appropriately to accommodate all required water materials specified in Standard Drawings. The meter lid must include a properly sized cut-out to fit a Sensus Model 520M radio transceiver. Contractor is required to submit said meter box or vault to the City for review and approval prior to installation.

Approved Manufacturer
 Armorcast Products Company
 DFW Plastics, Inc.

6. Meter box requirements:

Meter box cover to be flush with finished grade when in concrete, and 1/2" above grade in landscaped areas.

Do not notch out meter box or extension. Customer side plumbing shall exit under bottom of meter box or extension.

Meter boxes shall be a minimum 6" clear from adjacent meter boxes, top of "x" of driveway approaches, and sidewalk access ramps.

7. See Section 4-12 for meter requirements. Prior to installation the contractor is required to submit the proposed meter to the City of Norco for review and approval. Meters can be purchased from the City per the City's fee schedule.

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