



WATER RESOURCES

Fire Hydrants and Temporary Water Source Users Fact Sheet

The city of Scottsdale has several rules and regulations in place for contractors when using fire hydrants or other temporary water sources to ensure continued water service to our customers and avoid costly fines. This also applies to landscape irrigation meters and meters used for temporary water use that are connected to any potable city water connection. We thank you for your cooperation and for keeping our drinking water safe.

Backflow Requirements

Scottsdale City Ordinance Section 49-59 requires backflow protection to be in place when a contractor is granted access to the water distribution system. The backflow assembly must be a Reduced Pressure Principle Backflow Prevention Assembly (RPA) and tested by a city approved backflow prevention assembly tester. Test results must be forwarded to Water Resources Backflow Department by fax at 480-312-5663 within four (4) business days of installation.

Please review the Standard Detail information (2380, 2346, 2382 and 2381) that was associated with your temporary water meter request. If you have additional questions, please contact us at 480-312-5650.

- If your temporary water meter is set for just one location, you are required to re-test the backflow assembly every (1) year. Testing is also required if the assembly is moved to a different location or repaired.
- If your temporary water meter is an approved “roving” meter, backflow tests must be performed every six (6) months.

Your Responsibility

All fire hydrant meters and associated piping are the responsibility of the temporary water user. All costs for damages and repairs to city owned equipment will be included in your monthly billing statement. When your project is completed and the city has picked up the fire hydrant meter, your account will be closed and all charges will be paid from the deposit. In the case of a lost or stolen fire hydrant meter, the deposit will be forfeited.

Proper Use of Fire Hydrants

It's important that you open the fire hydrant completely – **without using force**. All hydrants are equipped with a drain valve that will not close until the hydrant is completely opened. If this is not done properly, water will come up and around the sides of the hydrant. Fire hydrants should be closed at the end of the work day so it can be used for fire protection.

We recommend using a gate valve if the hydrant is going to be opened several times in the same day.

Always turn the fire hydrant and its meter on and off **slowly** to prevent damage and avoid creating water quality issues.

Theft Prevention

If you are a victim of a backflow device theft, please contact the police immediately. As a reminder, all city employees must wear their identification badges in plain sight. We recommend asking to see a city ID if you have any questions.

If you have additional questions regarding:

Billing	480-312-2461
Backflow Prevention	480-312-5668
General Meter Information	480-312-5650

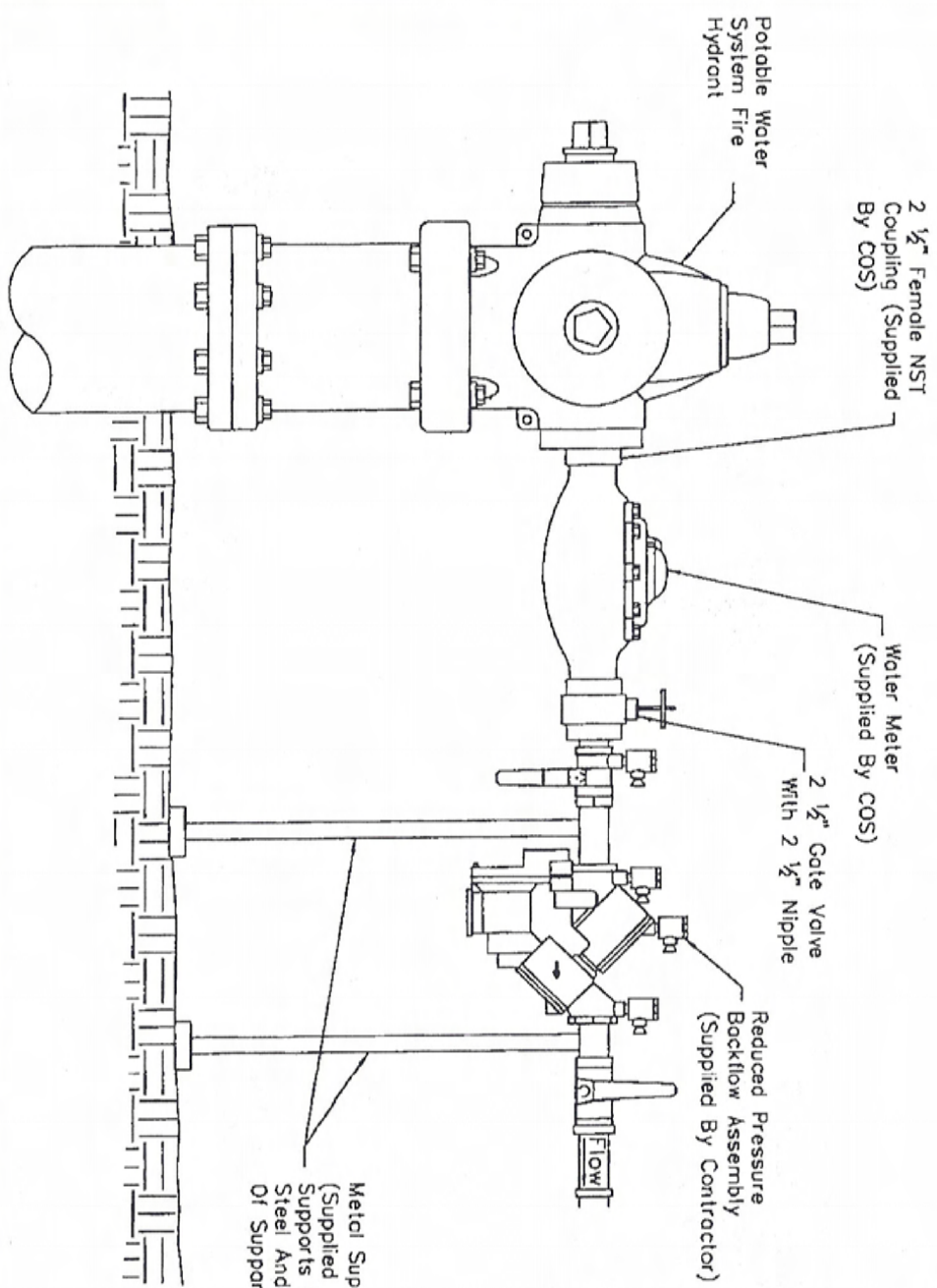
DETAIL NO.
2380

**City of Scottsdale
Standard Details**

APPROVED BY:
**Scottsdale Standards &
Specifications Committee**

TEMPORARY WATER SUPPLY HYDRANT METER ASSEMBLY

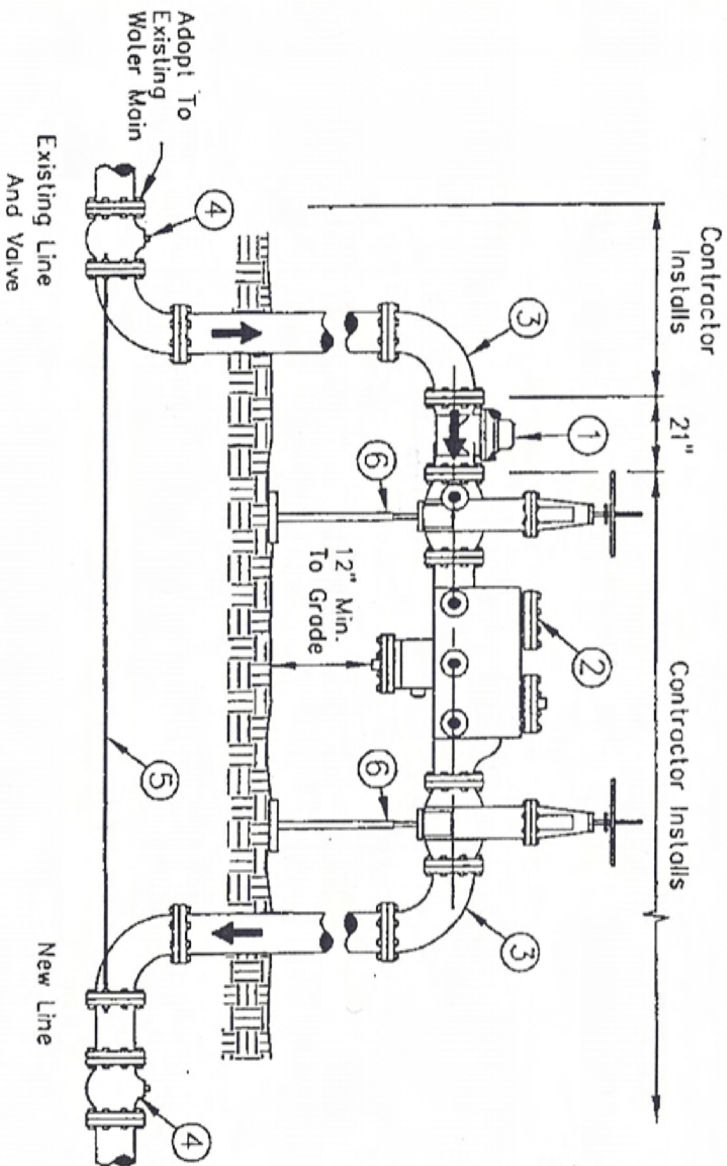
DETAIL NO.
2380



GENERAL NOTES

1. Backflow assembly shall be tested by a certified backflow assembly tester before using and also each time the meter is moved.
2. User must remove backflow assembly when hydrant meter is removed or relocated.
3. User is liable for any damage to the hydrant and all attachments to the hydrant.
4. User must use gate valve to control flow of water, not the hydrant valve assembly.
5. Call 480-312-5650 for questions.

Metal Supports (2 Ea)
(Supplied By Contractor)
Supports Shall Be Of
Steel And Be Capable
Of Supporting 120 lb.



LIST OF MATERIALS

- ① 3" Turbine Construction Meter with 3" Flanges, Supplied By City.
- ② 3" Approved Reduced Pressure Principle Backflow Prevention Assembly, Supplied By Contractor.
- ③ 3" Flanged Ductile Iron 90° Ell, Supplied By Contractor.
- ④ Line valves shall be within a 20' maximum distance upstream and downstream of flow meter or as approved by COS, and shall remain in-place after removal of temporary meter.
- ⑤ 3/4" zinc coated threaded rod.
- ⑥ Adjustable Metal Pipe Support (Required).

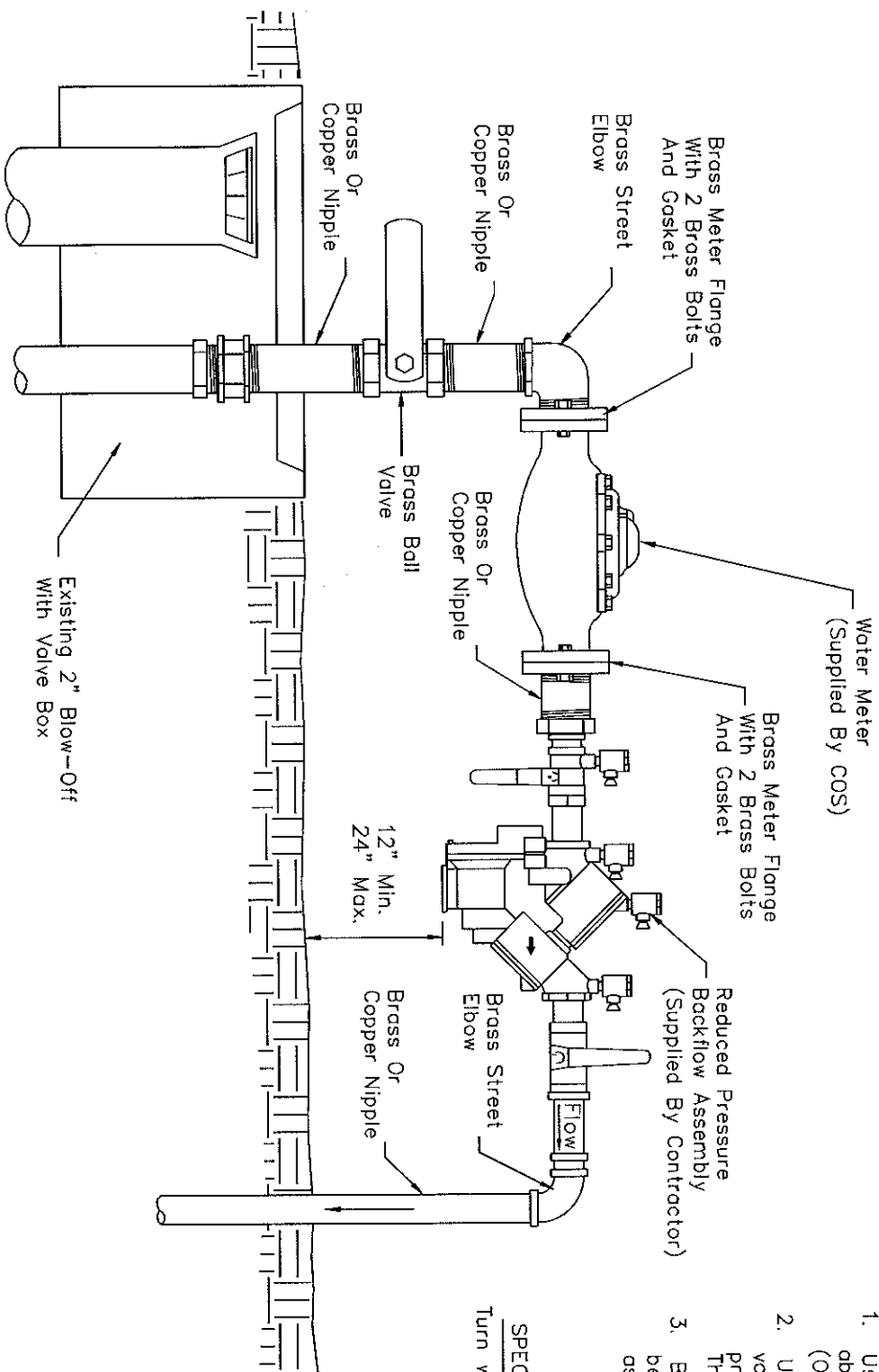
GENERAL NOTES

- 1. Contractor to supply and install above ground piping and fittings to accommodate meter, backflow preventer and 2 - 90° ells.
- 2. Contractor to remove piping and fittings after acceptance of new water main and complete connection as per MAG Standards.
- 3. Backflow preventers must be tested by a certified tester.

DETAIL NO. **2346**
City of Scottsdale
Standard Details

TEMPORARY CONSTRUCTION METER

DETAIL NO. **2346**



GENERAL NOTES

1. User must install City water meter above grade for temporary use. (One year maximum)
2. User must supply all fittings, piping, valves and approved reduced pressure principle backflow prevention assembly. The City shall supply the water meter.
3. Backflow assembly must be tested before use by a certified backflow assembly tester.

SPECIAL NOTE

Turn water on and off slowly.

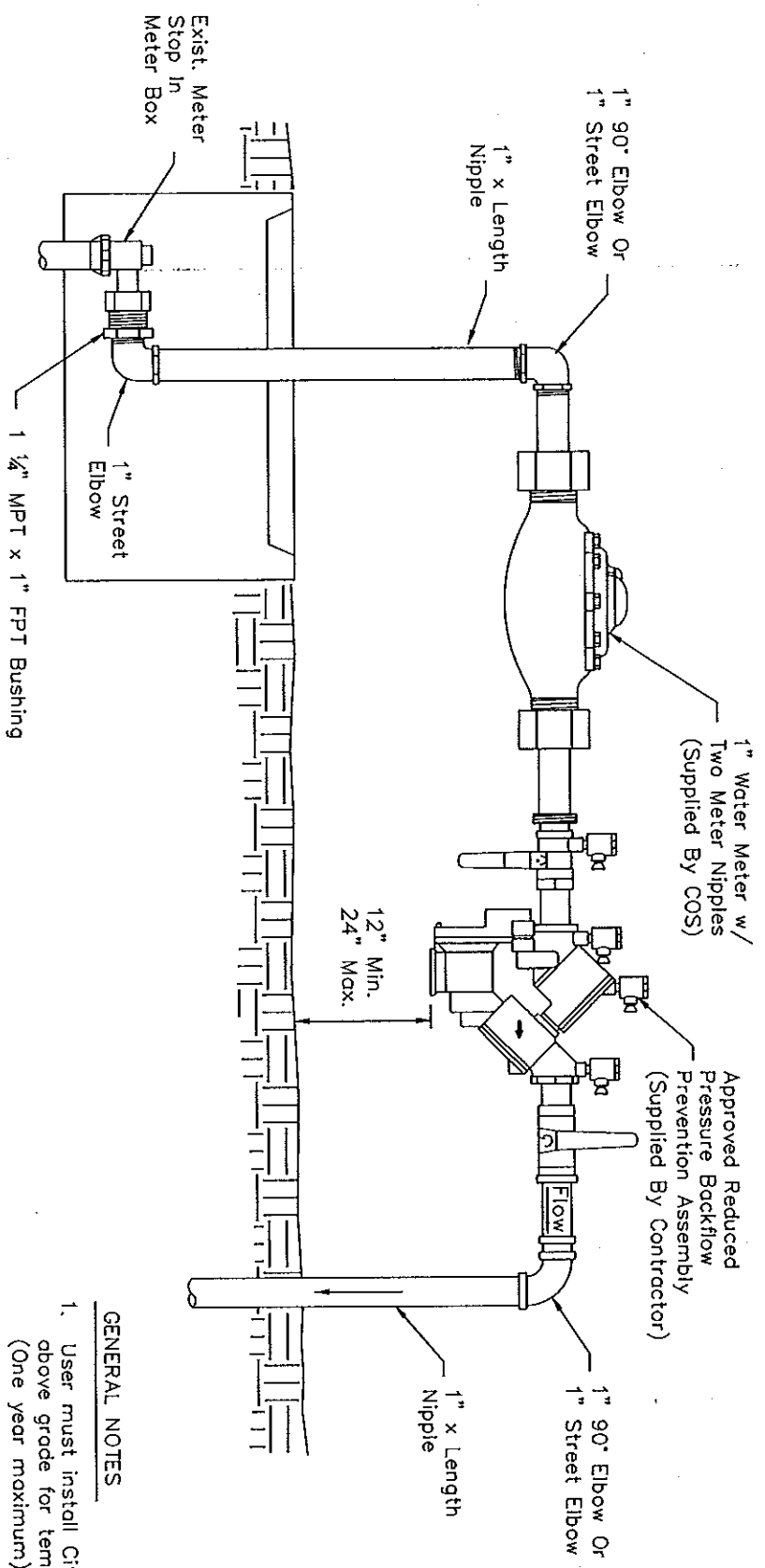
DETAIL NO.
2381

City of Scottsdale
Standard Details

APPROVED BY:
Scottsdale Standards &
Specifications Committee

TEMPORARY BLOW-OFF FOR WATER SUPPLY

DETAIL NO.
2381



GENERAL NOTES

1. User must install City water meter above grade for temporary use. (One year maximum)
2. User must supply all fittings, nipples, valves and approved reduced pressure principle backflow prevention assembly. All fittings and nipples must be brass. The City shall supply the water meter.
3. Backflow assembly must be tested before use by a certified backflow assembly tester.

DETAIL NO.
2382

City of Scottsdale
Standard Details

APPROVED BY:
Scottsdale Standards & Specifications Committee

TEMPORARY WATER SERVICE

DETAIL NO.
2382