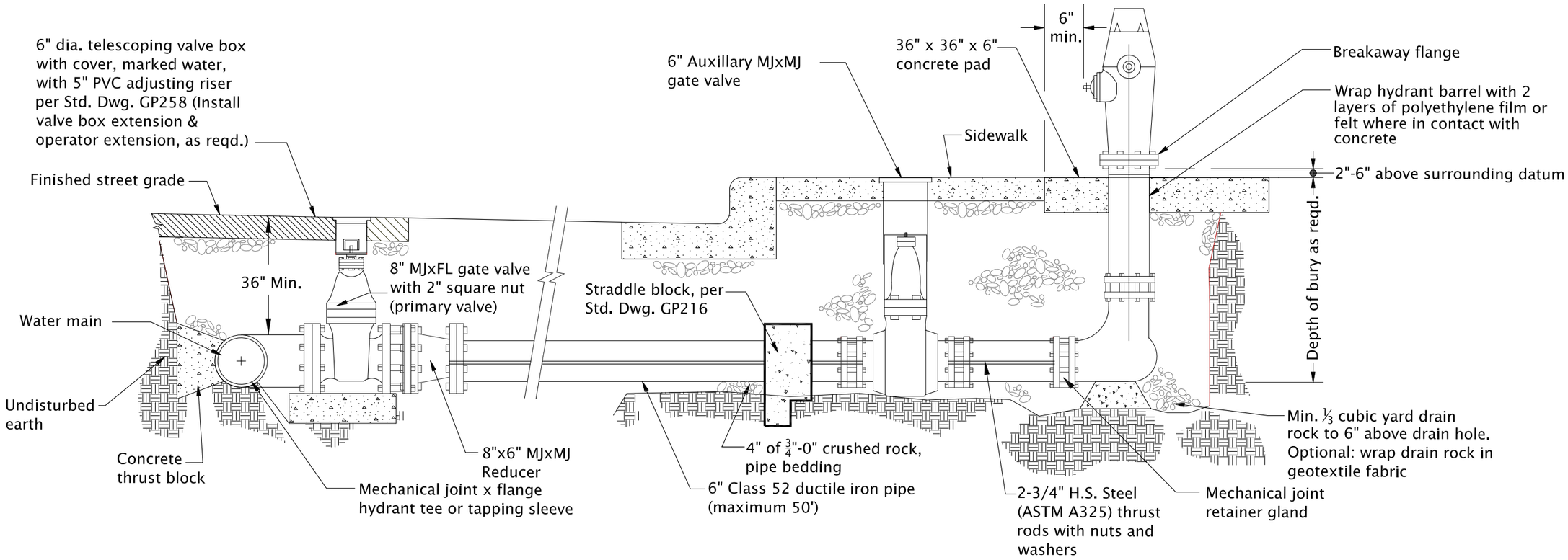

HYDRANT ASSEMBLY

General Notes

1. This installation is for use when hydrant lead is longer than 50' in length. For leads shorter than 50', see Std. Dwg. GP254.
2. Hydrant lead shall be set level or at near level grade. Hydrant grade shall be accomplished by factory supplied hydrant extensions or variable hydrant lengths.
3. Hydrants installed at street intersections shall be located outside the B.C.R. and E.C.R. limits.
4. Thrust rods, washer and nut shall be metal that is zinc coated.
5. Hydrants shall be installed plumb.
6. Fire hydrants shall be installed with (1) 4½" and (2) 2½" outlets and a 5¼" main valve, a 1½" pentagon operating nut (open left, national standard threads) and a 6" hub.
7. Acceptable fire hydrants: Mueller Centurion, Clow Medallions, Kennedy Guardian and Waterous.
8. All valves with operating nuts more than 24" deep shall be supplied with operator extension per GP258.
9. All exposed metal surfaces shall be cleaned, primed and factory painted school bus yellow enamel.
10. Hydrants installed where curb exists: curb to be painted yellow 10' in each direction from center of hydrant.
11. Hydrants shall be installed out of sidewalk.
12. Hydrants installed in landscape strips shall be placed 2' behind back of curb.
13. Hydrants to be installed on "water main" side of street unless approved in writing by City.
14. On site hydrant installs must be approved by utilities and fire dept. prior to installation.
15. Hydrants not installed within these tolerances will be reset by the City at contractors' expense.
16. When pipe is longer than 18' retainer glands not required.
17. There shall be a minimum of 18" horizontal clearance around hydrant.
18. Concrete thrust blocks shall be constructed as per thrust blocking Std. Dwg. GP250. Do not block drain holes.
19. Extensions required for hydrant systems shall be installed to the manufacturer's specifications.
20. Hydrants shall be placed to provide a minimum of 5' clearance from driveways, poles, and other obstructions.
21. Hydrant pumper port shall face direction of access.
22. See project plans for details not shown.

The selection and use of this standard drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Designed By:	STAFF
Drawn By:	KJD
Checked By:	MPT
Approved:	JMC

No.	Date	Revisions	App. By

CITY OF GRANTS PASS
101 Northwest 'A' Street
Grants Pass, OR 97526
(541) 450-6060 ph (541) 476-9218 fax

FIRE HYDRANT-LONG LEAD

2018

DWG. NO. GP255