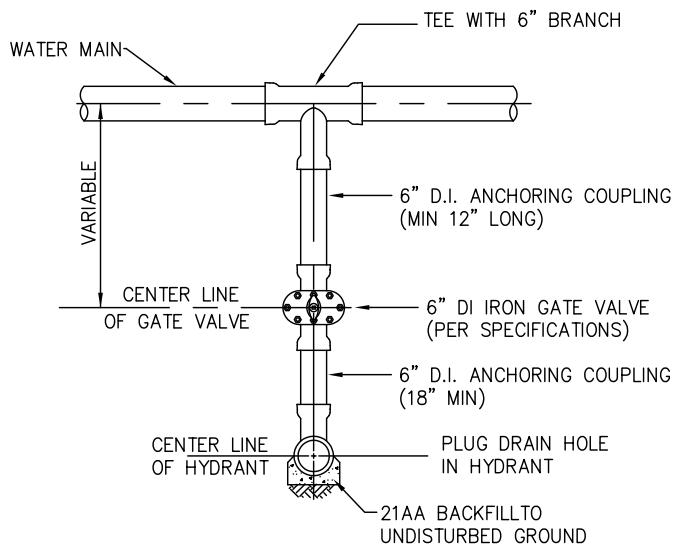


ALL FITTINGS AND JOINTS SHALL BE RESTRAINED

### "L" TYPE CONNECTION



ALL FITTINGS AND JOINTS SHALL BE RESTRAINED

### "T" TYPE CONNECTION

#### NOTES:

Refer to other Standard Details for the remaining parts of the water main. Also, refer to the Contract Specifications. At no time are these details to supersede but rather to work in conjunction with other standards and specifications.

Hydrants shall be placed on a 12" x 12" x 6" block and the block shall be braced against undisturbed soil.

The entire hydrant assembly shall be polywrapped and taped from the tee branch to just below the breakaway traffic flange. The polywrap under the hydrant flange shall not be exposed once restoration has been completed.

The hydrant piping shall be backfilled with the specified backfill to a height of 12" above the main line and shall be mechanically compacted in 6" lifts.

The Holland BPW prefers mechanical joint restraints. However, 350psi locking glands may be used.



#### CITY OF HOLLAND, MICHIGAN

Holland Board of Public Works

Water & Wastewater Department  
625 Hastings Ave., Holland, MI 49423  
Phone: (616) 355-1643 - Fax: (616) 355-1560  
Director: John Van Uffelen, P.E.

#### HYDRANT CONNECTION STANDARD DETAIL

DRAWN BY	ARP	SCALE	NONE	DATE	10-17-2006
APPROVED BY	DJS	SHEET	WM-3	DWG FILE	HYDRANT CONNECT.dwg