

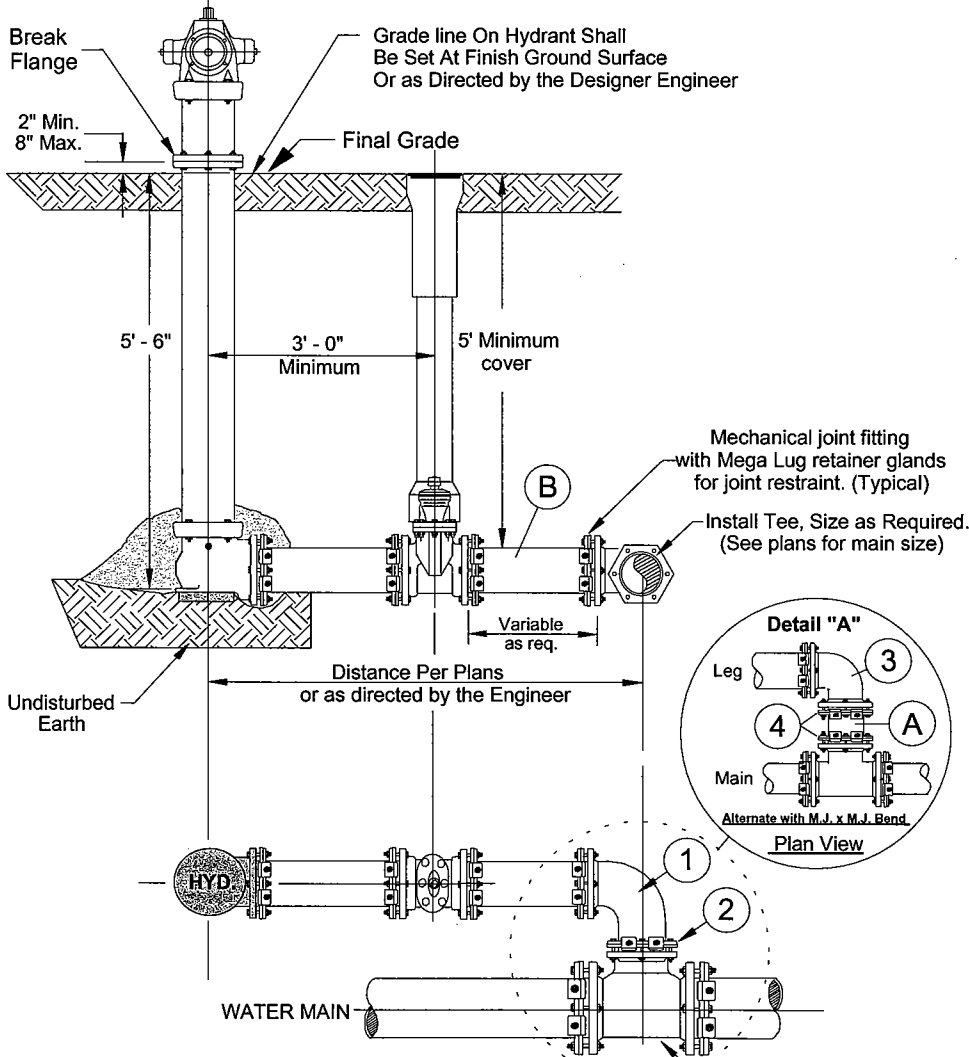
Water T&D Construction Standard

FIRE HYDRANT LEG INSTALLATION PARALLEL TO WATER MAIN

APPLICATION: Installation of hydrant leg parallel to the water main.

Profile View

(Hydrant Leg Parallel to Water main and Roadway)



Plan View

(Hydrant Leg Parallel to Water main and Roadway)

INSTALLATION NOTES

- Refer to Standard W-05-0045 for "Typical Fire Hydrant Installation" requirements and material list.
- Pumper nozzle connection shall always face the street.

(A) The distance away from the water main can be increased by using an MJ x MJ bend rather than an MJ x PE bend. This adds one wedge restraint to the completed installation.

(B) When required, offsets shall be used to lower or raise hydrants to within 6" of final grade. See Std. W-05-0055. If break flange is greater than 8" above Grade, damage is likely to occur if hit. See Profile View.

MATERIALS USING DETAIL "A"			
REF	ITEM NO.	*QTY	DESCRIPTION
③	36-02645	1	Bend, 6" MJ x MJ, 90°
④	36-23529	2	Gland, Retainer, wedge type, 6"
* In addition to material listed in W-05-0045			

MATERIALS			
REF	ITEM NO.	*QTY	DESCRIPTION
①	36-02661	1	Bend, 6" MJ x PE, 90°
②	36-23529	1	Gland, Retainer, wedge type, 6"
* In addition to material listed in W-05-0045			

Director of Engineering *[Signature]*

Date: 5/31/06

Director of Delivery *[Signature]*

Date: 6/12/06