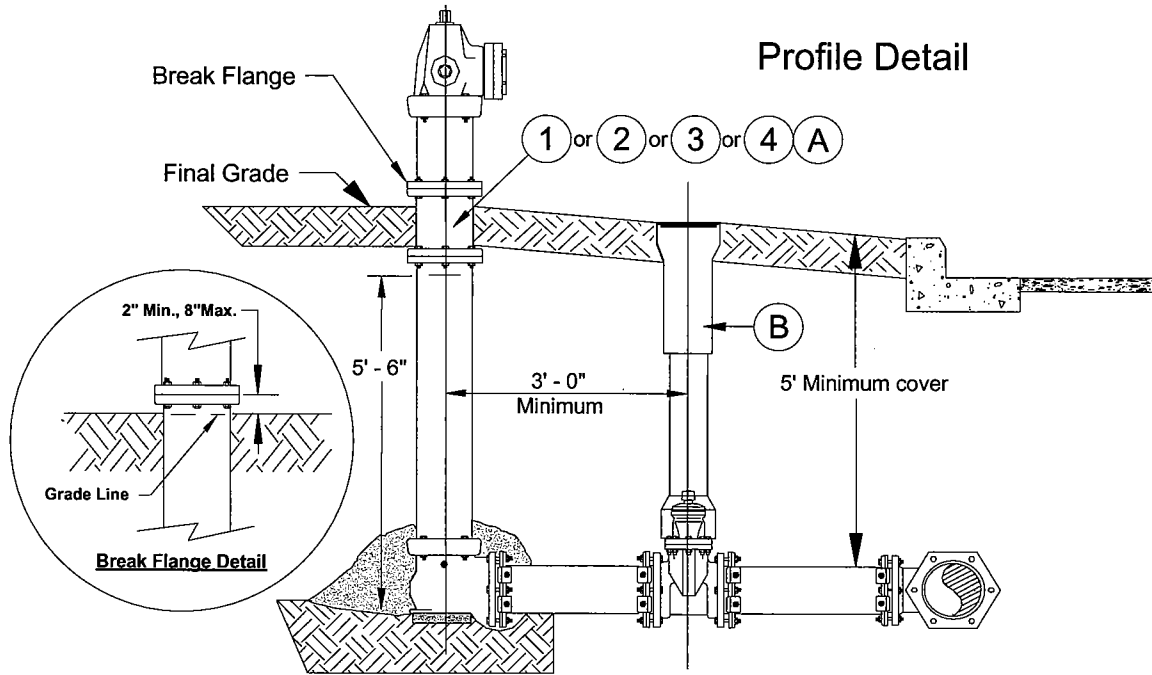


# Water T&D Construction Standard

## FIRE HYDRANT BARREL EXTENSION INSTALLATION

APPLICATION: Hydrant break flange to low in reference to final grade.  
Typically not used for new construction.



### INSTALLATION NOTES

- Pumper nozzle shall always face the street. See Standard W-05-0045 for new hydrant installation.
  - If break flange is greater than 8" above grade, damage is likely to occur if hit. See detail above.
- (A) Extensions are installed to raise hydrant break flange to proper height above grade. They are not generally used for new installations. They are used when the grade around hydrant is inadvertently raised, leaving the break flange below final grade.
- (B) Check valve box for possible adjustment to grade. Refer to Standard W-06-1000 for "Typical Valve Box Assembly" installation requirements and materials. Longer tops and extension are identified.

MATERIALS WATEROUS "PACER" HYDRANT			
REF	ITEM NO.	QTY*	DESCRIPTION
①	35-09427	1	Hydrant Extension, 6"
②	35-09401	1	Hydrant Extension, 12"
③	35-09456	1	Hydrant Extension, 18"
④	35-09485	1	Hydrant Extension, 24"

MATERIALS MUELLER "A423" HYDRANT			
REF	ITEM NO.	QTY*	DESCRIPTION
①	35-06187	1	Hydrant Extension, 6"
②	35-06190	1	Hydrant Extension, 12"
③	35-06202	1	Hydrant Extension, 18"
④	35-06215	1	Hydrant Extension, 24"

MATERIALS EAST JORDAN "5BR-B" HYDRANT			
REF	ITEM NO.	QTY*	DESCRIPTION
①	35-00718	1	Hydrant Extension, 6"
②	35-00750	1	Hydrant Extension, 12"
③	35-00734	1	Hydrant Extension, 18"
④	35-00747	1	Hydrant Extension, 24"

MATERIALS CLOW/EDDY F-2640 HYDRANT			
REF	ITEM NO.	QTY*	DESCRIPTION
①	35-09117	1	Hydrant Extension, 6"
②	35-09133	1	Hydrant Extension, 12"
③	35-09159	1	Hydrant Extension, 18"
④	35-09175	1	Hydrant Extension, 24"

Director of Engineering *D. Wood*

Date: *5/31/06*

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Date: *6/12/06*