



- A. 6 INCH MUELLER GATE VALVE WITH 2 INCH SQUARE OPERATING NUT. SEE DETAIL B10.
- B. FLANGE TEE DI ON NEW CONSTRUCTION. SEE "TAPPING SLEEVE" DETAIL B09 FOR EXISTING MAINS.

SEE NOTES ON PAGE 2

NO. REVISION DATE			STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION		SECTION: DOUGLAS COUNTY	
			<h1 style="margin: 0;">FIRE HYDRANT ASSEMBLY</h1>		DATE: JULY 2017	
					DWG: B14	

NOTES:

1. HYDRANT COLOR SHALL BE AS APPROVED BY THE APPLICABLE FIRE DISTRICT.
2. OPERATING NUT SHALL BE 1-1/2" PENTAGON.
3. INSPECTION BY WATER UTILITY SHALL BE REQUIRED PRIOR TO BACKFILLING.
4. IN RESIDENTIAL AREAS, IF SIDEWALK NOT PRESENT, SET HYDRANT SO THAT OPERATING NUT IS 3'-6" BEHIND BACK OF CURB.
5. NO FENCES, LANDSCAPING OR ANY ABOVE GROUND IMPROVEMENTS SHALL BE ALLOWED WITHIN 3' OF THE OUTER MOST DIAMETER OF THE FIRE HYDRANT.
6. PROVIDE 42" MINIMUM COVER AT ROADSIDE DITCH FLOWLINE. LOCALIZED DIPPING OF WATER MAIN AT DITCH MAY NOT BE USED TO ACHIEVE 42" COVER.
7. GATE VALVE SHALL BE LOCATED WITHIN THE PAVEMENT, WHERE POSSIBLE.
8. FOR COMMERCIAL AND INDUSTRIAL PROPERTIES, OR WHEN THERE IS NO CURB, BOLLARDS SHALL BE ADDED PER "BOLLARD" DETAIL A20 WITH 3' CLEARANCE. SEE DETAIL A (SHEET 1/2).
9. THRUST BLOCK AND CONCRETE PILLOW WITH #4 REBAR OR ZINC COATED CHAIN MAY BE REQUIRED AT THE DISCRETION OF THE WATER UTILITY. MATERIAL USED FOR THRUST BLOCKING SHALL NOT PREVENT ACCESS TO THE BOLT ASSEMBLY.
10. 4" THICK CONCRETE COLLAR SHALL EXTEND OUT 12" FROM THE OUTER DIAMETER OF FIRE HYDRANT. THIS MAY CREATE A CONTINUOUS SECTION OF CONCRETE IN LANDSCAPE FINGERS AND SIMILAR AREAS. THE CONCRETE COLLAR IS NOT REQUIRED IN RESIDENTIAL SUBDIVISIONS WITH CURB AND GUTTER AND IS NOT REQUIRED IF BOLLARDS ARE INSTALLED.

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