



HYDRANT SHALL BE
CLOW CANADA BRIGADIER M-67,
MUELLER MODERN CENTURIAN,
EAST JORDAN WATERMASTER
5CD250 OR APPROVED EQUAL.
OPERATING NUTS &
CAPS TO BE SMALL
PENTAGON CONFIGURATION.

PLACE VALVE IN
ASPHALT ROAD

VALVE BOX &
EXTENSION ROD.
(FOR DETAILS SEE
DWG EU-202)

MIN 50mm
MAX 200mm
FINISHED GRADE

PROPERTY LINE

WATER MAIN

MIN 1m
MECHANICAL
RESTRAINT
(DENSOL)

GATE VALVE

150mm

FILTER FABRIC

CONCRETE THRUST BLOCK
(ENSURE THAT DRAIN HOLES
ARE NOT OBSTRUCTED)

WRAP HYDRANT BOOT IN
6 MIL POLYETHELENE PRIOR
TO POURING

PRECAST CONCRETE
HYDRANT BASE

GRAVEL (MIN 0.6m³)

CONCRETE BASE
(REQUIRED IF NOT
SUPPORTED ON
UNDISTURBED SOIL)

0.5m MIN

1m MIN

1. ALL BOLTS TO BE STAINLESS STEEL.
2. ALL METALLIC FITTINGS TO BE FUSION-BONDED EPOXY COATED INTERIOR AND EXTERIOR (TO AWWA STANDARDS).
3. VALVE BOX TO BE FUSION-BONDED EPOXY COATED INTERIOR AND EXTERIOR (TO AWWA STANDARDS).
4. HYDRANT BOOT AND BARREL TO BE COAL TAR ENAMEL.
5. IN HIGH GROUNDWATER CONDITIONS WHERE BOOT OF HYDRANT WILL LIKELY BE SUBMERGED, PLUG DRAIN HOLES AS PER SPEC.
6. USE DEEP BURY HYDRANTS WITH VALVE AND DRAIN HOLES AT 2.75m IF HYDRANT LEAD EXCEEDS THE STANDARD 2.75m BURY DEPTH.

14	19	07	04	ADDED FILTER FABRIC	CRB	LC
13	15	06	08	REVISED NOTES	JED	
12	12	05	23	REVISED NOTE	CGK	CGK
11	12	05	03	ADDED NOTE 5	CGK	JM
10	11	08	24	GENERAL REVISION	CRB	BG
9	11	01	21	GENERAL REVISION	CGK	BG
8	10	12	02	GENERAL REVISION	PMD	BG
7	08	02	06	ADDED HYDRANT BASE	CGK	RH
6	07	05	28	REVISED VALVE BOX NOTE	CGK	SP
5	03	11	20	REVISED HYDRANT NOTE	CGK	
4	02	03	22	REVISED CROSS REFERENCE	CGK	
3	02	03	20	HYDRANT NOTE REVISED	CGK	
2	01	11	21	GRAVEL QUANTITY/OP NUT NOTE	CGK	
1	01	01	16	HYBRID, GENERAL REVISION	CGK	
No.	YY	MM	DD	REVISION DESCRIPTION	BY	APP'D
			DATE			

DATE:	80/08/
SCALE:	N.T.S.
DRAWN:	V.S.
APPROVED:	SIEVAL. MAR

Medicine Hat
The Gas City

Environmental Utilities

STANDARD HYDRANT DETAIL	
DWG. No.	EU-201