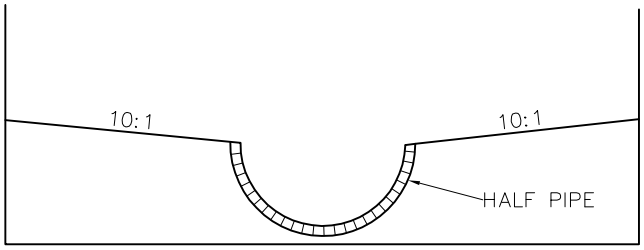
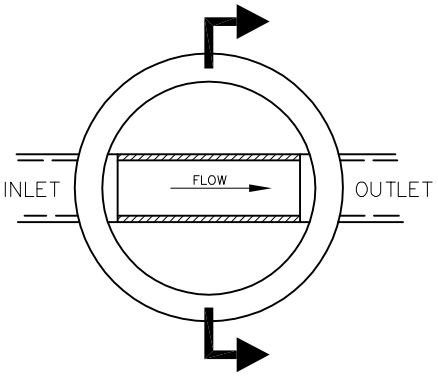
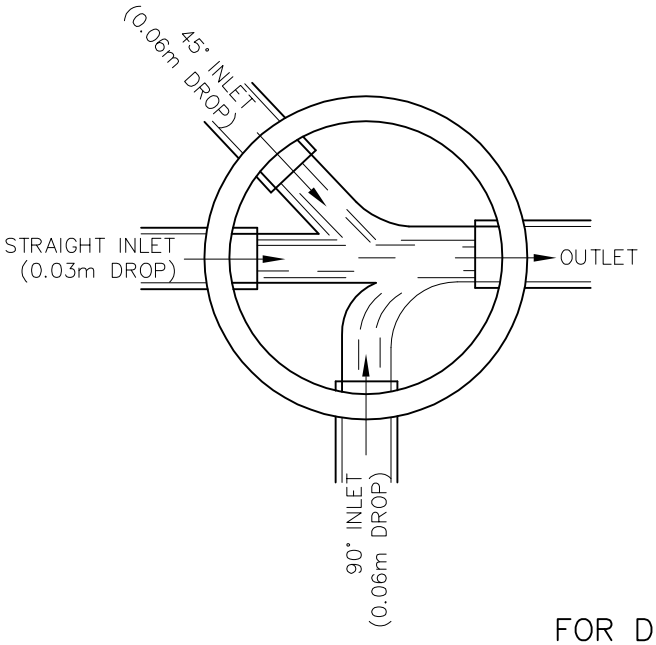
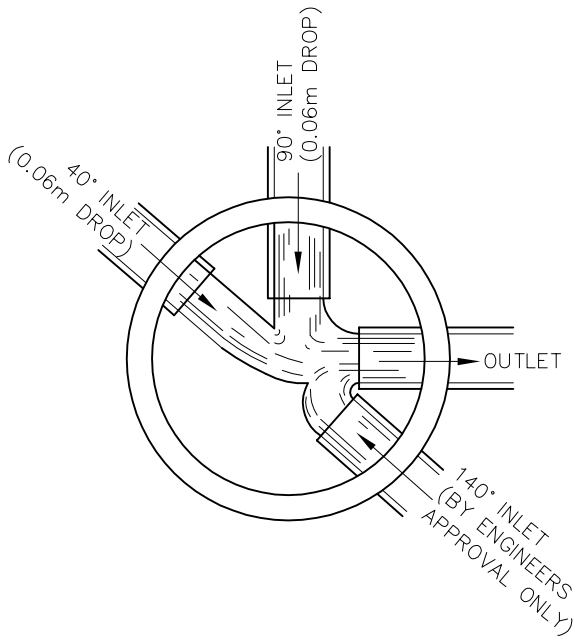
BENCHING IN MANHOLE





1. STANDARD SIDE SLOPE OF BENCHING SHALL BE 10:1 FROM EDGE OF HALF-PIPE CHANNEL.
2. FOR STRAIGHT-THROUGH FLOW PATTERNS, MINIMUM FALL ACROSS NEW PRE-BENCHED MANHOLES TO BE 0.03m FROM INLET INVERT TO OUTLET INVERT.
3. FOR INLETS WITH DEFLECTION ANGLES BETWEEN 5° AND 90°, A MINIMUM FALL FROM INLET INVERT TO OUTLET INVERT TO BE 0.06m.
4. INLETS WITH DEFLECTION ANGLES GREATER THAN 90° SHOULD BE AVOIDED.
5. EXCEPTIONS TO THE ABOVE WILL BE PERMITTED UNDER SPECIAL CIRCUMSTANCES ONLY WITH PERMISSION OF THE ENVIRONMENTAL UTILITIES ENGINEER.





FOR DROP MANHOLE

IF NOT PRE-BENCHED AS SHOWN, DROP INLETS TO DISCHARGE INTO MAIN CHANNEL, NOT ONTO BENCH. FOR DETAILS SEE DRAWING EU-103

No.	DATE YY	MM	DD	REVISION DESCRIPTION	BY	APP'D
4	17	01	09	GENERAL REVISION	CGK	JBM
3	11	01	05	REVISED NOTES AND DRAWING	CRB	
2	03	06	12	REVISED NOTE	CGK	
1	01	01	24	HYBRID	CGK	

DATE: 80/08/
SCALE: N.T.S.
DRAWN: V.S.
APPROVED: SIEWAL. MAK.

Medicine Hat
The Gas City
Environmental Utilities

BENCHING STANDARDS FOR MANHOLES

DWG. No. EU-105