



NOTES:

1. CONCRETE STRENGTH TO BE 20MP_a IN 28 DAYS
2. CONCRETE SHALL BE SULPHATE RESISTANT
3. REINFORCED STEEL TO BE INTERMEDIATE GRADE $f_s = 140MP_a$
4. USE TYPE 1220 MANHOLE UP TO AND INCLUDING 600 DIA PIPE
5. ALL UNITS IN mm UNLESS OTHERWISE NOTED
6. PRECAST MANHOLE SECTION TO CONFORM TO ASTM DESIGNATION C478 (LATEST EDITION)
7. USE BITUMINOUS SEAL OR RUBBER GASKET BETWEEN JOINTS
8. MANHOLE STEPS (RUNGS) TO BE ASTM C478, DROP STEP TYPE, PVC COATED ALUMINUM
9. FRAMES AND COVERS TO HAVE A MINIMUM WEIGHT OF 142kg
10. FOR BENCHING DETAILS SEE DRAWING EU-105
11. PRECAST MANHOLE BASES TO BE PRE-BENCHED
12. MAXIMUM 300mm OF ADJUSTING RINGS

9	15	06	08	REVISED NOTES 7 AND RISER RING	JED
8	11	06	28	ADDED NOTE No. 12	CRB
7	11	01	18	GENERAL REVISION	CGK
6	10	11	23	REVISED NOTES AND DRAWING	PMD
5	03	06	12	REVISED NOTES 8 & 10	CCK
4	02	08	30	ADDED NOTE No. 12	CGK
3	02	03	22	REVISED CROSS REFERENCE	CGK
2	01	11	20	RISER RINGS REVISED	CGK
1	01	01	16	HYBRID, GENERAL REVISION	CGK
No.	YY	MM	DD	REVISION DESCRIPTION	BY APP'D
	DATE				

DATE:	80/08/
SCALE:	1: 30
DRAWN:	CGK
APPROVED:	SIEWAL. MAK

Medicine Hat
The Gas City

Environmental Utilities

STANDARD MANHOLE TYPE 1220 A
DWG. No. EU-101