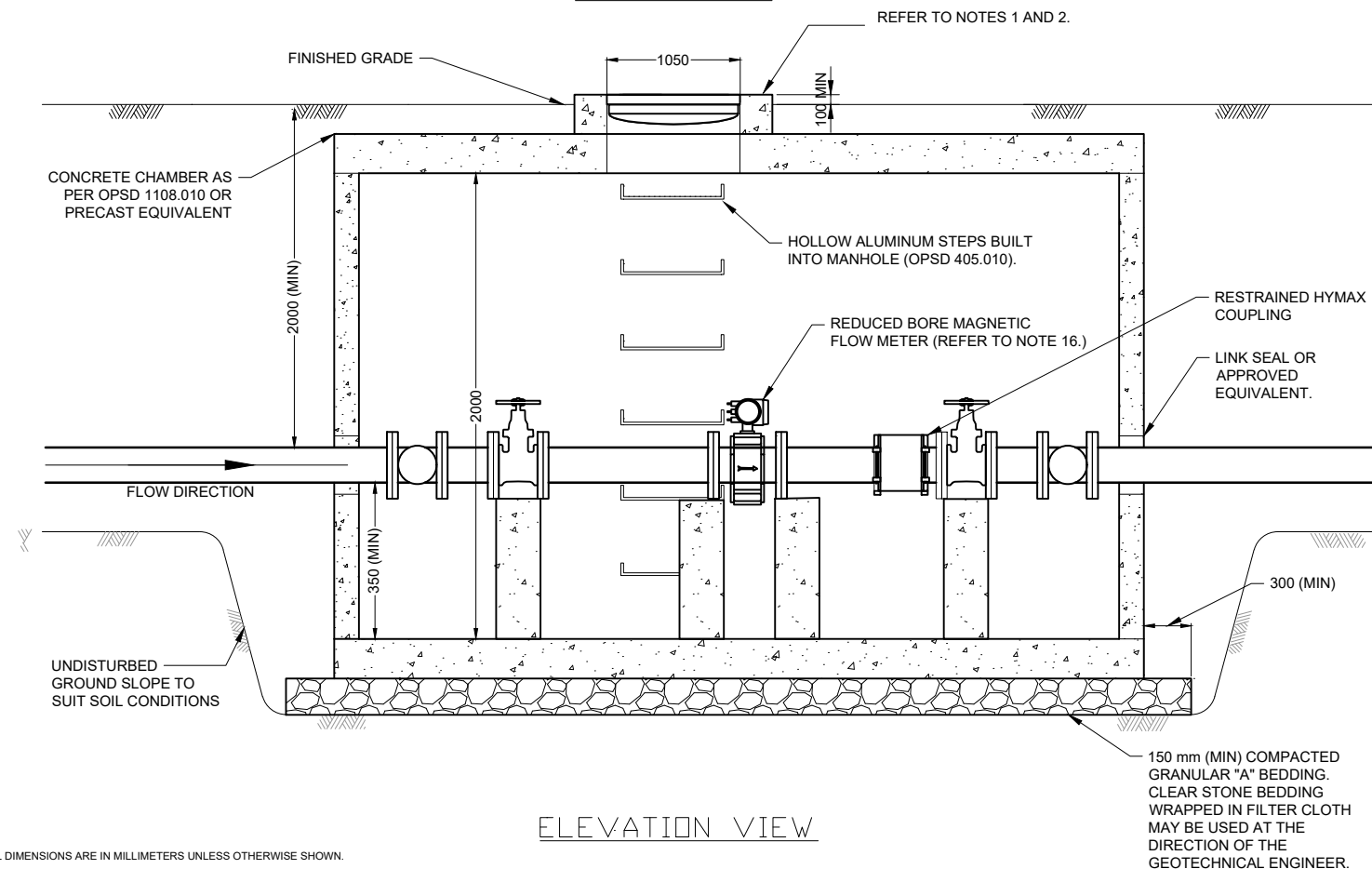


PIPE SIZE	MINIMUM INTERIOR DIMENSIONS	
	A (m)	B (m)
75 mm AND 100 mm	3.900	2.400
150 mm	4.500	2.400
200mm	5.700	2.400
250 mm	6.300	2.700
300 mm	6.600	2.700
GREATER THAN 300 mm	DESIGNED TO SUIT	

PLAN VIEW



NOTES:

- CONCRETE CHAMBER AS PER OPSD 1108.010 OR PRECAST EQUIVALENT.
  - ADJUSTMENT UNITS FOR FRAME INSTALLATION WILL NOT BE PERMITTED, ONE PIECE CONSTRUCTION ONLY (MAX HEIGHT 1.0 m)
  - ONE PIECE ADJUSTMENT UNIT MUST EXTEND MINIMUM 100 mm TO MAXIMUM 300 mm ABOVE FINISHED GRADE.
  - FRAME TO BE POURED INTO CONCRETE RISER.
- ACCESS FRAME MUST BE LOCKABLE WITH PADLOCK AND COVER SHALL BE BILCO TYPE J-AL (1050 mm x 1050 mm MIN.) OR APPROVED EQUIVALENT. DRAIN MUST BE INSTALLED TO ENSURE LOCK DOES NOT FREEZE. 2.0 m CLEARANCE TO BE MAINTAINED AROUND ENTRANCE FRAME.
- CONCRETE CHAMBER TO BE APPROPRIATELY SIZED AND INSTALLED IN A LANDSCAPED AREA.
- 350 mm CLEARANCE TO BE MAINTAINED FROM CHAMBER FLOOR.
- CONCRETE SUPPORTS TO BE UNDER ALL VALVES AND METER.
- BY-PASS LINE SIZE TO BE SAME SIZE AS THE METER LINE, BE IN CLOSED POSITION, AND SEALED BY THE CITY.
- METER CHAMBER MUST BE WATERPROOF AND PROVIDED WITH A 300 mm x 300 mm x 250 mm (DEEP) SUMP.
- NO CONNECTION FOR AN IRRIGATION SYSTEM OR OTHER TYPES OF EQUIPMENT ARE PERMITTED WITHIN CHAMBER.
- IF A BACKFLOW DEVICE IS REQUIRED, A SEPARATE CHAMBER IS REQUIRED.
- A FLUSH MOUNT ACCESS HATCH IS AN ACCEPTABLE INSTALLATION WITHIN A WALKWAY, PROVIDING A BILCO LU-2 GALVANIZED LADDERUP SAFETY POST IS INSTALLED AT THE ENTRANCE.
- VEHICLES MAY NOT PARK WITHIN 2.0 m OF THE CHAMBER.
- ALL NEW PIPE FITTINGS SHOULD BE RATED TO 200 PSI.
- FLANGE MATERIAL: AWWA C207 CLASS D RINGS.
- REMOTE READER TO BE MOUNTED INSIDE THE CHAMBER JUST BELOW THE LID. REMOTE READER AND WIRING WILL BE INSTALLED BY CITY UTILITIES.
- IF THE ACCESS IS INSTALLED WITHIN A DRIVEWAY OR PARKING LOT, THE REMOTE READER IS TO BE MOUNTED ON A PERMANENT STRUCTURE WITHIN 5 m OF THE CHAMBER. REMOTE READER AND WIRING WILL BE INSTALLED BY CITY UTILITIES. THE CONTRACTOR IS TO INSTALL A 19 mm DIA. PVC CONDUIT WITH PULL STRING FROM THE CHAMBER TO THE STRUCTURE. THE CONDUIT IS TO BE TURNED UP THE SIDE OF THE STRUCTURE AND TEMPORARILY CAPPED A MIN. OF 300 mm ABOVE GRADE. CONDUIT & CONNECTIONS ARE TO BE IP68 RATED AND ALL BENDS ARE TO BE SWEEPING BENDS.
- METERS LARGER THAN 50mm IN SIZE ARE PROVIDED BY WATER SERVICES AT THE DEVELOPER'S COST. DEVELOPER'S CONTRACTOR WILL INSTALL ALL LARGER METERS AS SOON AS POSSIBLE AND ENSURE CITY INSPECTION OF INSTALLATION CONTACT THE METER SHOP @519-886-2310 EXT. 30250 TO ARRANGE FOR PURCHASE AND PICK UP OF METER.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

STANDARD DRAWINGS

75mm-300mm INLINE FLOW WATER METER CHAMBER

REV. 1 MAY 2023



CW-334