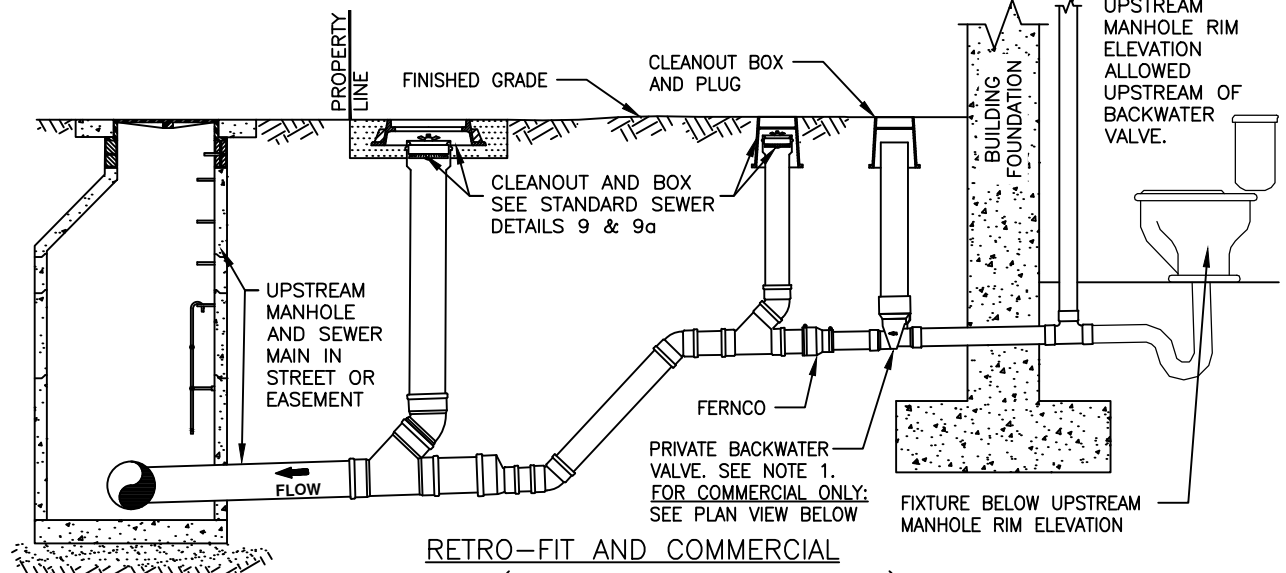


**NEW CONSTRUCTION
PROFILE (INSIDE BACKFLOW VALVE)**

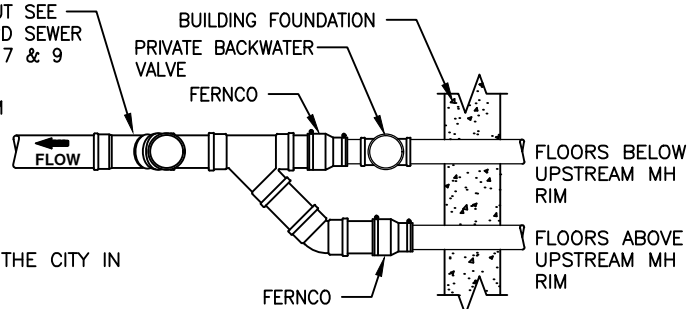


**RETRO-FIT AND COMMERCIAL
PROFILE (OUTSIDE BACKFLOW VALVE)**

NOTES:

1. BACKWATER VALVES ARE REQUIRED PER THE UNIFORM PLUMBING CODE FOR ANY FIXTURES THAT ARE AT A LOWER ELEVATION THAN THE NEXT UPSTREAM MANHOLE. BACKWATER VALVE IS TO BE LOCATED ON THE PLUMBING SIDE OF THE FERNCO, CONTACT THE CITY FOR EXACT LOCATION REQUIREMENTS.
2. PLUMBING INSPECTIONS ARE THE RESPONSIBILITY OF THE CITY IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE.
3. SIDE SEWER CLEANOUTS SHALL BE BROUGHT TO THE SURFACE WITHIN A CLEANOUT BOX PER STANDARD SEWER DETAILS #9 AND #9a.
4. ALL SIDE SEWER PIPE MATERIAL SHALL BE BELL & SPIGOT TYPE WITH RUBBER GASKET JOINT AND SHALL BE IN CONFORMANCE WITH ASTM D3034 (SDR-35).

CLEANOUT SEE
STANDARD SEWER
DETAILS 7 & 9



**COMMERCIAL PLAN (FOR
OUTSIDE BACKWATER VALVE)**

PRIVATE BACKWATER VALVE

NOT TO SCALE

DETAIL APPROVALS

EDITOR TMC

MANAGER CF

NORTHSHORE UTILITY DISTRICT

2025 STANDARD SEWER DETAILS

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LAST UPDATED
MAY 2025