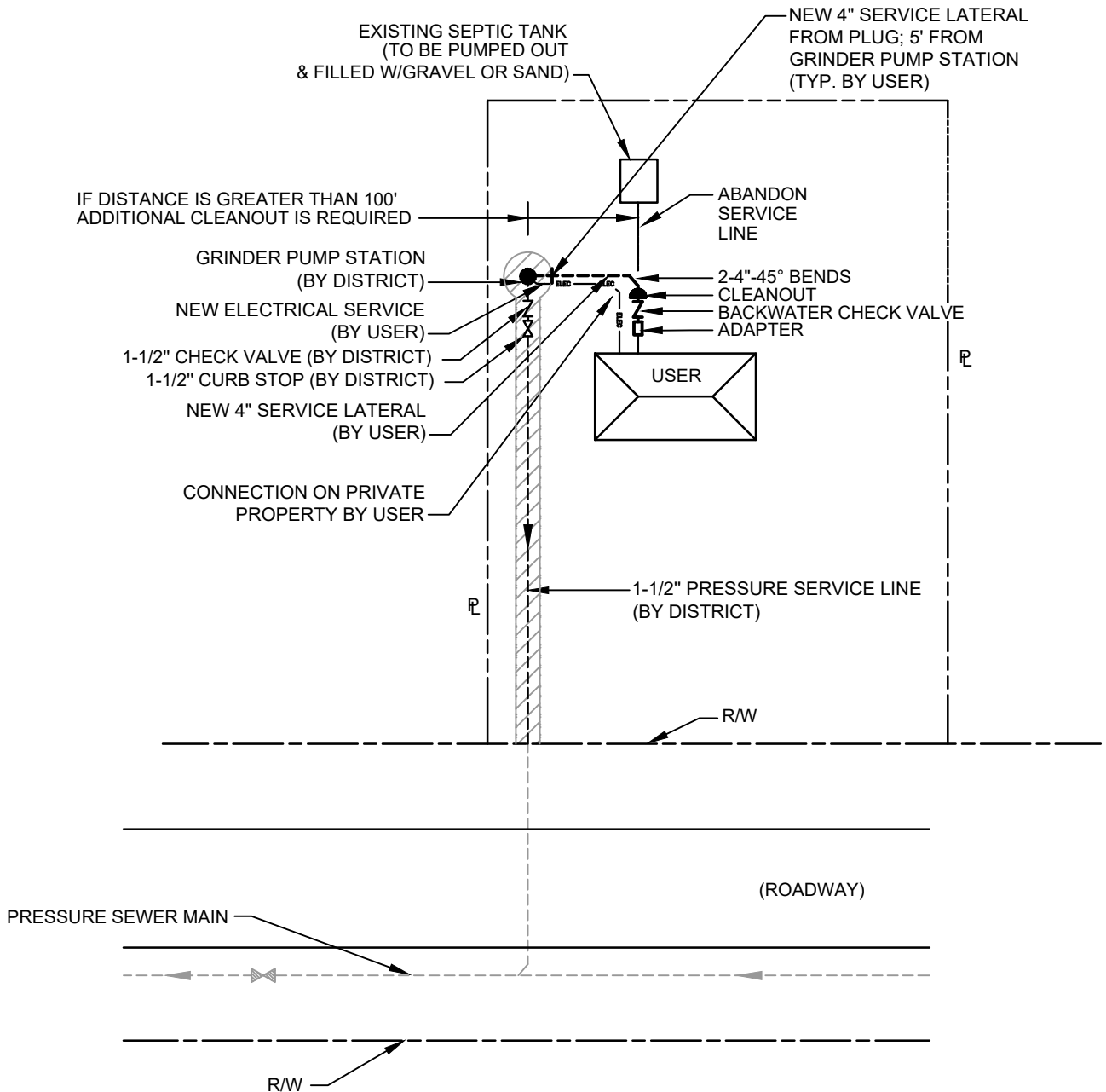


**NOTES**

- 1) NORMAL SLOPE OF SERVICE LATERAL SHALL BE 2% (1/4" PER FOOT).
- 2) MINIMUM SIZE SERVICE LATERAL SHALL BE 4".
- 3) TURNS IN SERVICE LATERAL SHALL BE MADE W/ 45° BENDS. NO 90° BENDS ALLOWED.
- 4) SERVICE LATERAL SHALL BE INSPECTED AND APPROVED BEFORE EXCAVATION IS BACKFILLED.



**ALLEN COUNTY REGIONAL WATER & SEWER DISTRICT  
TYPICAL GRINDER PUMP STATION LAYOUT & TAP PLAN**

NOTE: BACKWATER CHECK VALVE TO BE INSTALLED ON ALL SERVICE LATERALS.