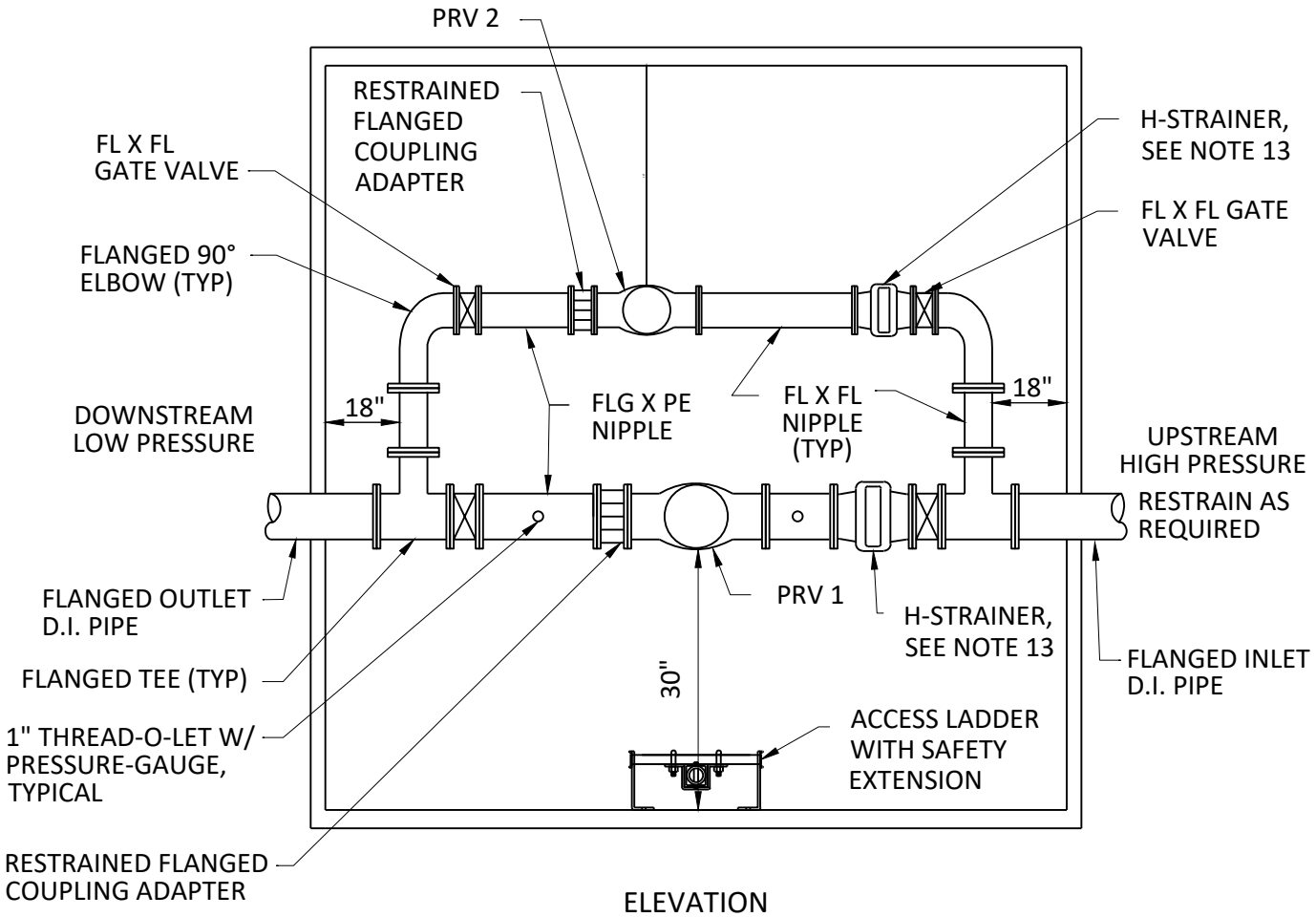

ELEVATION

NOTES:

1. GATE VALVES TO BE RISING STEM WITH HAND WHEEL OPERATORS.
2. ALL PIPE IN LINE WITH PRV 1 TO BE FLANGED D.I.
3. PIPING FOR PRV 2 (BYPASS) TO BE THREADED BRASS OR FLANGED D.I.
4. PRV MUST BE IN ACCORDANCE WITH NBU SPL W8.5.0 "PRESSURE REDUCING VALVES."
5. ALL PRVS MUST BE SUPPORTED ON CAST-IN-PLACE CONCRETE SUPPORT BLOCKS.
6. ALL GATE VALVES TO BE SUPPORT WITH ADJUSTABLE PIPE SUPPORTS.
7. PROVIDE 24" CLEARANCE BETWEEN THE VAULT FLOOR AND THE BOTTOM OF ALL PIPING.
8. PROVIDE MIN. 36" CLEARANCE BETWEEN THE TOP OF PIPING AND THE BOTTOM OF THE COVER SLAB.
9. PRV SHALL NOT BE INSTALLED IN TRAFFIC AREAS.
10. TOP OF SLAB MUST BE MIN. 5" ABOVE ADJACENT GRADE. FINAL GRADE MUST SLOPE AWAY FROM THE VAULT AT MIN. 1%.
11. ACCESS DOORS MUST BE IN ACCORDANCE WITH NBU SPL W19.0.0 OR W19.0.1.
12. WALL PENETRATIONS MUST BE SEALED WITH LINK SEAL AND NON-SHRINK GROUT PER NBU STANDARD DETAILS.
13. H-TYPE STRAINER OR APPROVED EQUAL REQUIRED ON UPSTREAM SIDE OF PRV 1 AND 2.
14. ALL PIPING FOR PRV CONTROLS AND PRESSURE GAGES SHALL BE 304 OR 316 SERIES STAINLESS.
15. PRESSURE GAGES SHALL BE 4" OR 4.5" STAINLESS STEEL, GLYCERIN FILLED, WITH OPERATING RANGE SUCH THAT NORMAL WORKING PRESSURE IS MID-RANGE.
16. ACCESS HATCH SHALL BE DIRECTLY OVER THE LADDER AND PRV 1 AND BE OF SUFFICIENT SIZE TO MEET OSHA 1910 ACCESS STANDARDS AND PERMIT REMOVAL OF THE PRV THROUGHT THE HATCH WITH A HOIST.

NEW BRAUNFELS UTILITIES
WATER SYSTEMS ENGINEERING

DRAWN BY: EWL	STANDARD DRAWING: DUAL PRV INSTALLATION				
APPROVED BY: A. WILLARD					
DRAWING DATE: 2/1/24	UPDATED:	SCALE: N.T.S.	SHEET: 1 OF 1	DRAWING NO. 250	