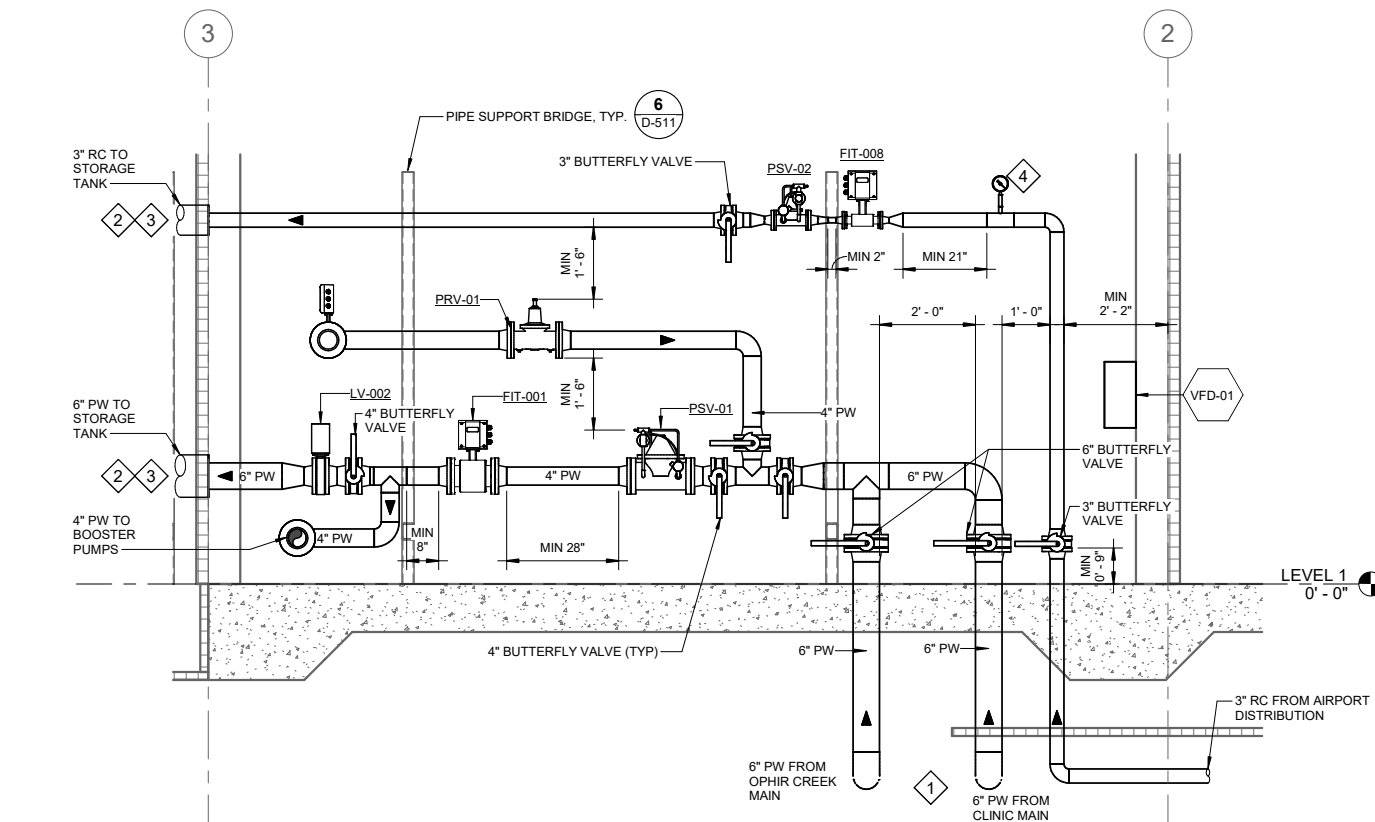
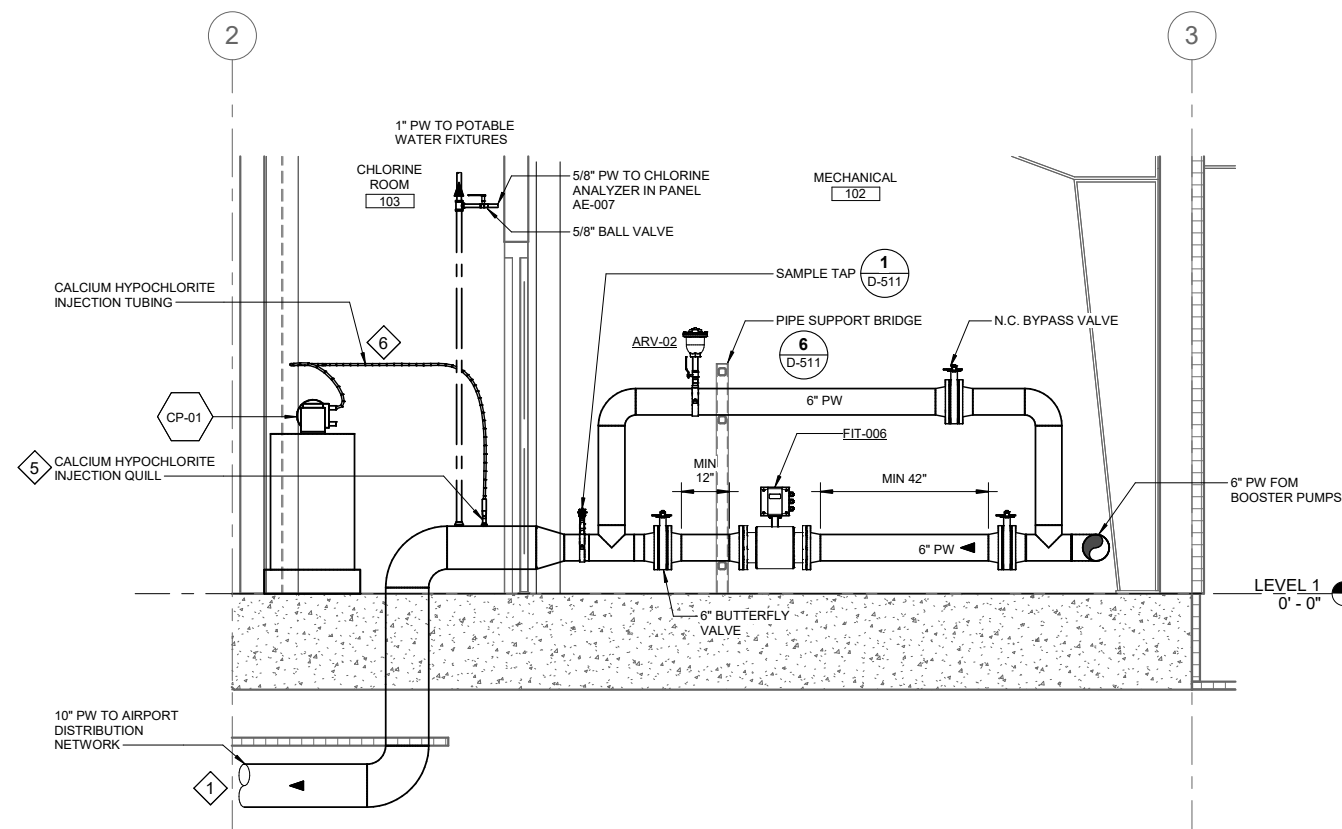




1 **PROCESS SECTION - WEST**
D-301 SCALE: 1/2" = 1'-0"



2 **PROCESS SECTION - EAST**
D-301 SCALE: 1/2" = 1'-0"

SHEET NOTES

1. CONTRACTOR TO SANITIZE ALL PIPE, VALVES, AND FITTINGS PRIOR TO INSTALLATION PER AWWA C-651.
2. ALL WETTED COMPONENTS SHALL BE NSF-61 CERTIFIED.
3. SPACE PIPE A MINIMUM OF 12-IN FROM BUILDING WALL UNLESS OTHERWISE NOTED.

SHEET KEYNOTES

1. ROUTE PIPES BELOW GRADE AND UP THROUGH SLAB. TRANSITION FROM HDPE TO DUCTILE IRON OUTSIDE OF BUILDING FOOTPRINT. SEE CIVIL FOR LOCATION.
2. ROUTE PIPES THROUGH EXTERIOR WALL. SEAL WALL PENETRATION WEATHER-TIGHT AND FINISHED APPEARANCE.
3. ROUTE PIPE ABOVE GRADE TO WATER STORAGE TANK. SEE CIVIL FOR TANK PIPE CONNECTION DETAILS. EXTERIOR PIPE SHALL BE INSULATED AND HEAT TRACED WITH WEATHER-TIGHT ALUMINUM JACKETING.
4. PRESSURE GAUGE SHALL HAVE A 4-1/2" DIAL WITH 270° DEGREE MOVEMENT AND MINIMUM 1/2% ACCURACY. GAUGE SHALL BE LIQUID FILLED AND RATED FOR 0 TO 100 PSIG.
5. INSTALL CALCIUM HYPOCHLORITE INJECTION QUILL PER MANUFACTURER'S SPECIFICATION. INSTALL IN TREATMENT ROOM AND UPSTREAM OF CHLORINE SENSOR. MAXIMIZE DISTANCE BETWEEN INJECTION QUILL AND SENSOR AS PRACTICAL TO ALLOW FOR SOLUTION MIXING BEFORE SENSOR.
6. ROUTE AND SECURE CALCIUM HYPOCHLORITE INJECTION TUBING NEATLY ALONG WALL WHILE MINIMIZING UNNECESSARY LOW AND HIGH POINTS.

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PROJECT :
CITY & BOROUGH OF YAKUTAT
WATER SYSTEM EXTENSION

YAKUTAT, ALASKA

PROJECT :

SHEET TITLE :

PROCESS SECTIONS

DESIGN	ALN
DRAWN	TRS
CHECKED	LAR
DATE	04-16-2025

PROJECT No.
10297.24002
SHEET NUMBER

D-301

No.	Date	Item
REVISIONS		