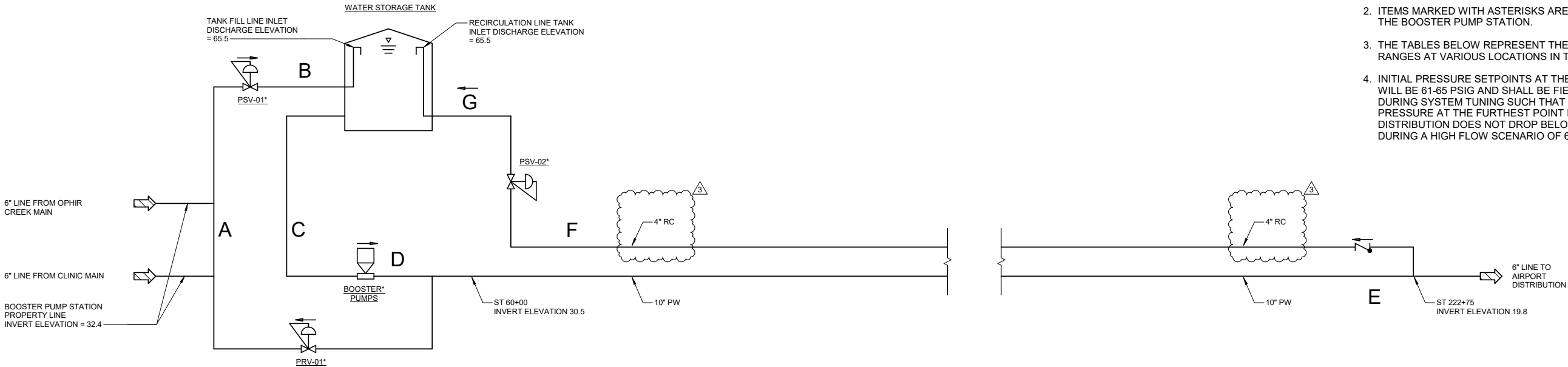


9/24/2025 11:28:18 AM Autodesk Docs\\10297.24002\\CITY Airport Water System Extension\\NF-MECH-10297.24002_RV23.rvt IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES 1"

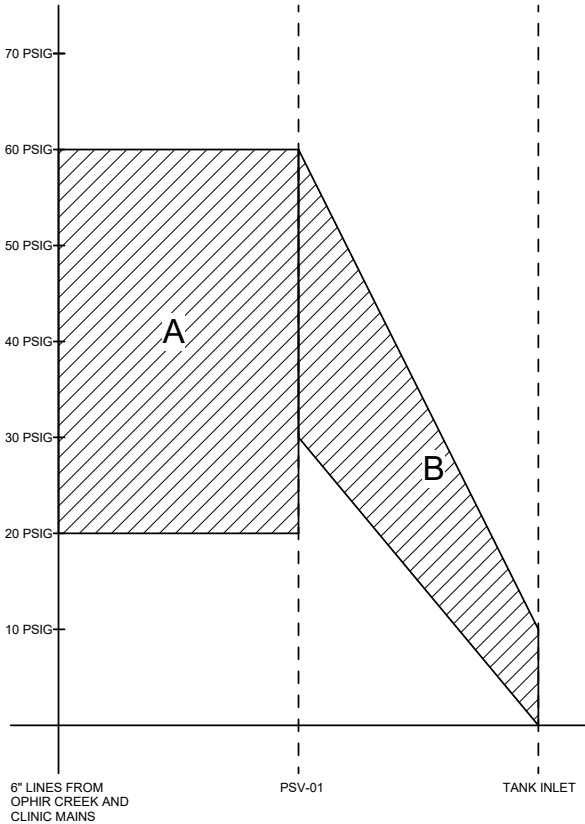
SHEET NOTES

1. SEE D-002 FOR PRESSURE AND FLOW INFORMATION FOR THE BOOSTER PUMPS, PSV'S, AND PRV.
2. ITEMS MARKED WITH ASTERISKS ARE LOCATED IN THE BOOSTER PUMP STATION.
3. THE TABLES BELOW REPRESENT THE PRESSURE RANGES AT VARIOUS LOCATIONS IN THE SYSTEM.
4. INITIAL PRESSURE SETPOINTS AT THE PUMPHOUSE WILL BE 61-65 PSIG AND SHALL BE FIELD ADJUSTED DURING SYSTEM TUNING SUCH THAT THE PRESSURE AT THE FURTHEST POINT IN THE DISTRIBUTION DOES NOT DROP BELOW 30 PSIG DURING A HIGH FLOW SCENARIO OF 650 GPM.



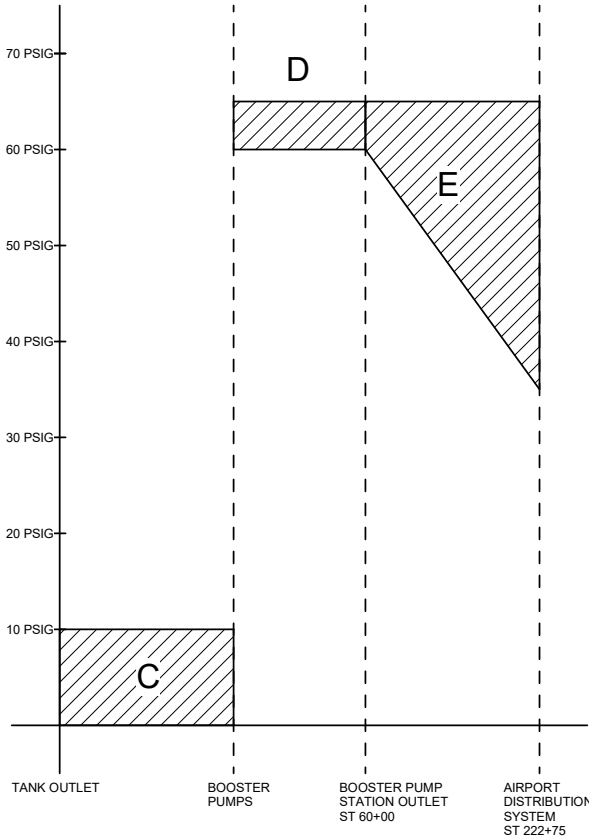
1 HYDRAULIC PROFILE DIAGRAM

D-003 SCALE: NO SCALE



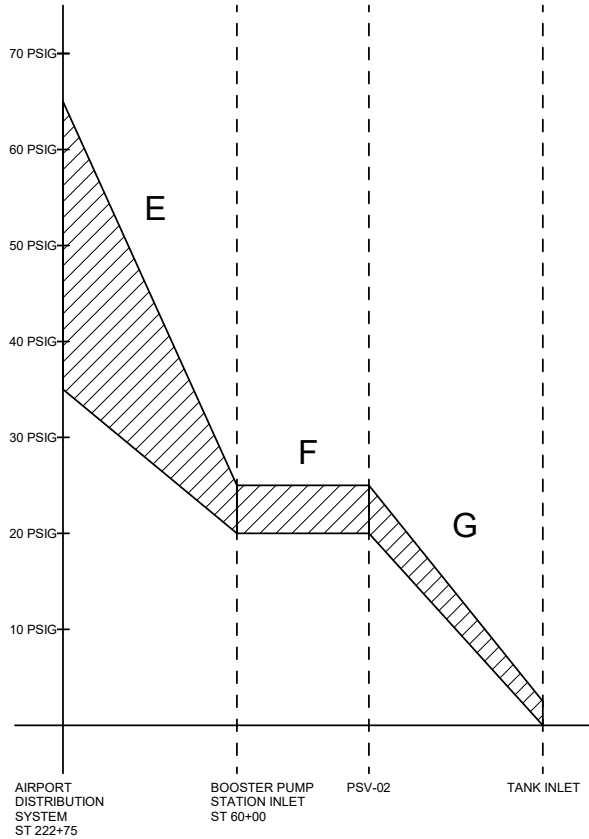
2 TANK FILL LINE

D-003 SCALE: NO SCALE



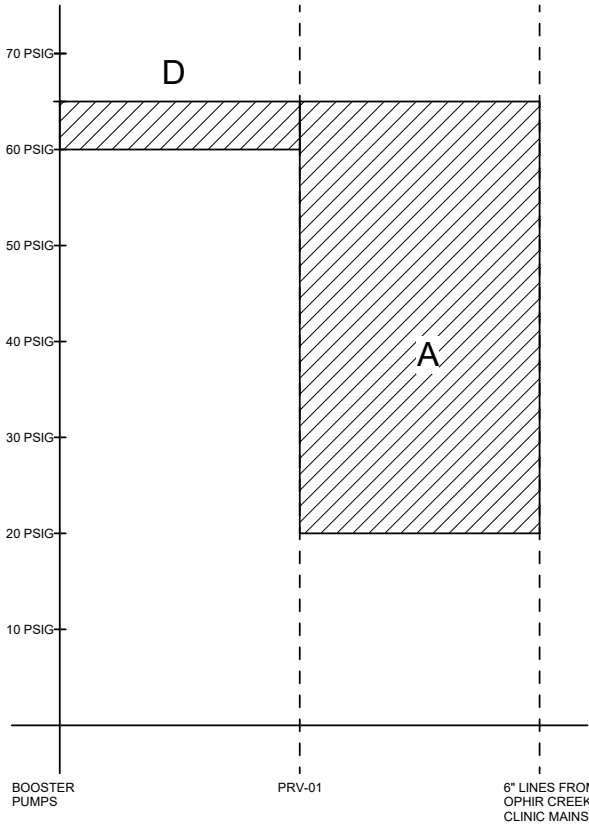
3 AIRPORT SUPPLY LINE

D-003 SCALE: NO SCALE



4 CIRCULATION LINE

D-003 SCALE: NO SCALE



5 SYSTEM INTERTIE LINE

D-003 SCALE: NO SCALE

REVISIONS		
No.	Date	Item
3	9/24/25	ADDENDUM #3

CONSULTANT :



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PROJECT :
CITY & BOROUGH OF YAKUTAT
WATER SYSTEM EXTENSION

YAKUTAT, ALASKA

SHEET TITLE :
HYDRAULIC PROFILES

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

PROJECT No.
10297.24002
SHEET NUMBER

D-003