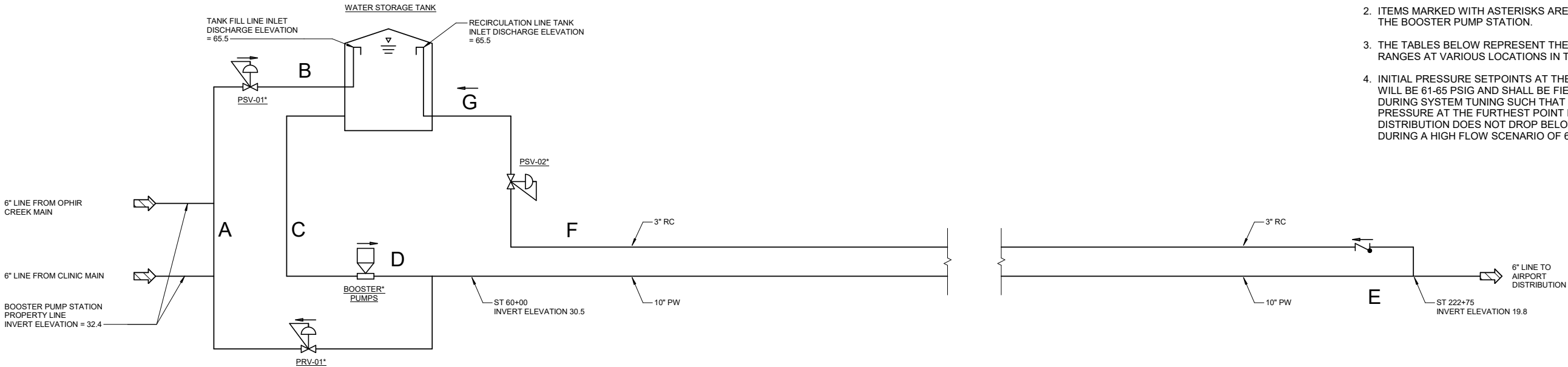


1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

4/17/2025 1:11:22 PM Autodesk Docs\\10297.24002\\CITY Airport Water System Extension\\NF-MECH-10297.24002_RV23.rvt

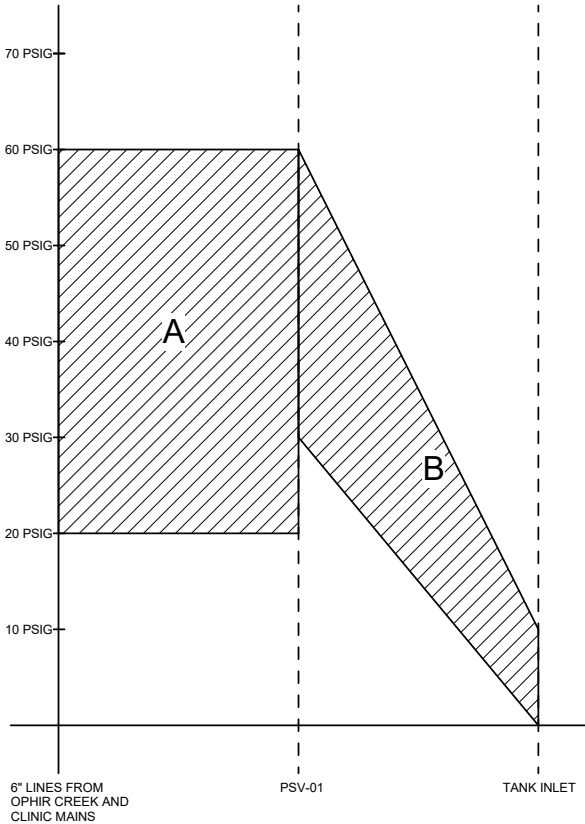
SHEET NOTES

- SEE D-002 FOR PRESSURE AND FLOW INFORMATION FOR THE BOOSTER PUMPS, PSV'S, AND PRV.
- ITEMS MARKED WITH ASTERISKS ARE LOCATED IN THE BOOSTER PUMP STATION.
- THE TABLES BELOW REPRESENT THE PRESSURE RANGES AT VARIOUS LOCATIONS IN THE SYSTEM.
- 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.



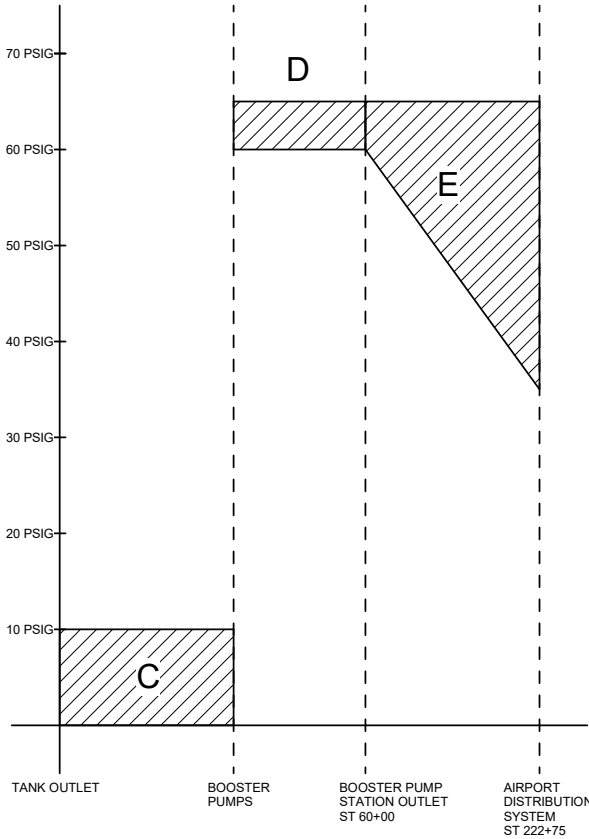
1 HYDRAULIC PROFILE DIAGRAM

D-003 SCALE: NO SCALE



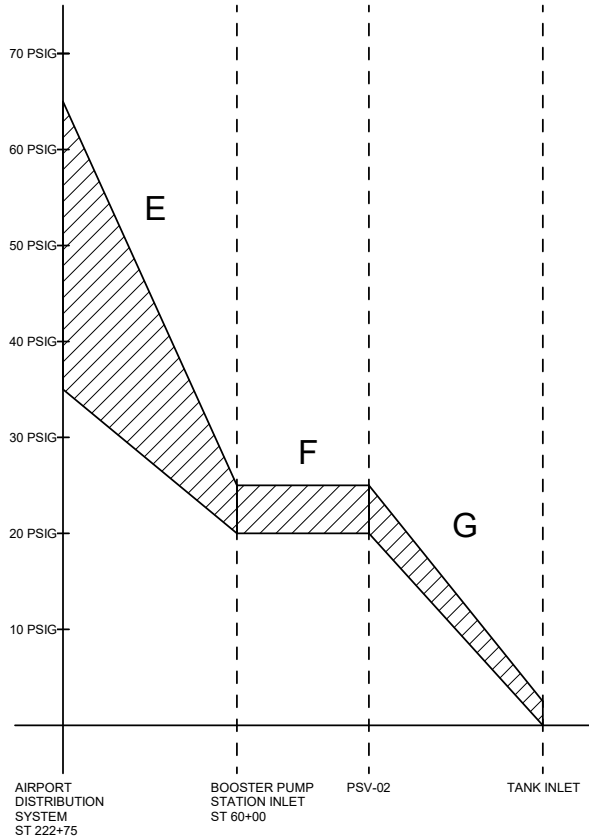
2 TANK FILL LINE

D-003 SCALE: NO SCALE



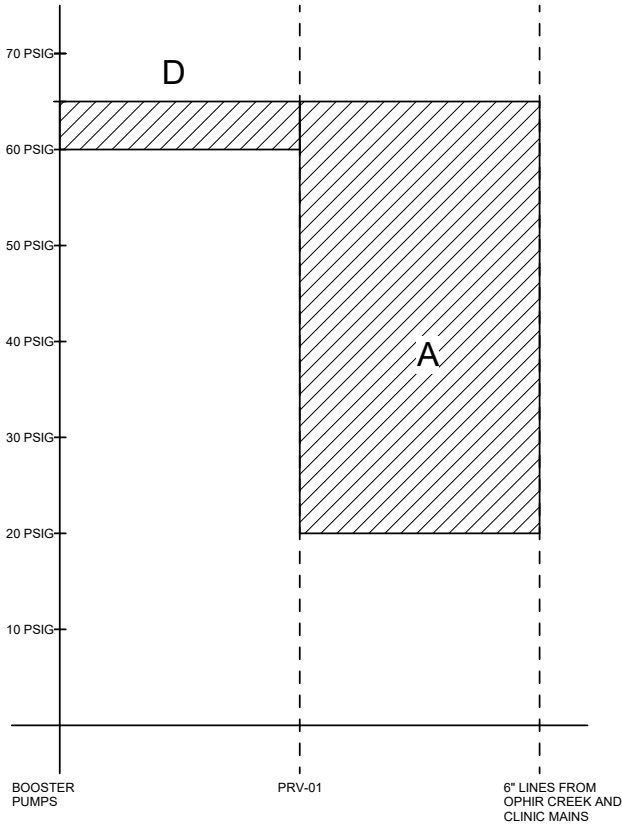
3 AIRPORT SUPPLY LINE

D-003 SCALE: NO SCALE



4 CIRCULATION LINE

D-003 SCALE: NO SCALE



5 SYSTEM INTERTIE LINE

D-003 SCALE: NO SCALE

No.	Date	Item
REVISIONS		

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RESPEC

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