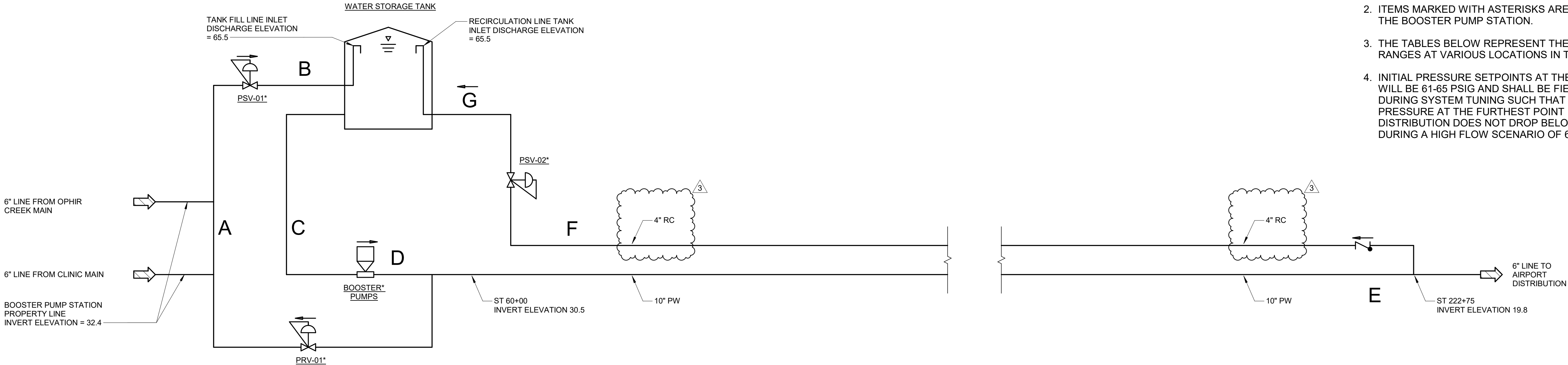


1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES.

9/24/2025 11:28:18 AM Autodesk Docs://10297.24002-CBY Airport Water System Extension(INF-MECH-10297.24002_RV23.rvt

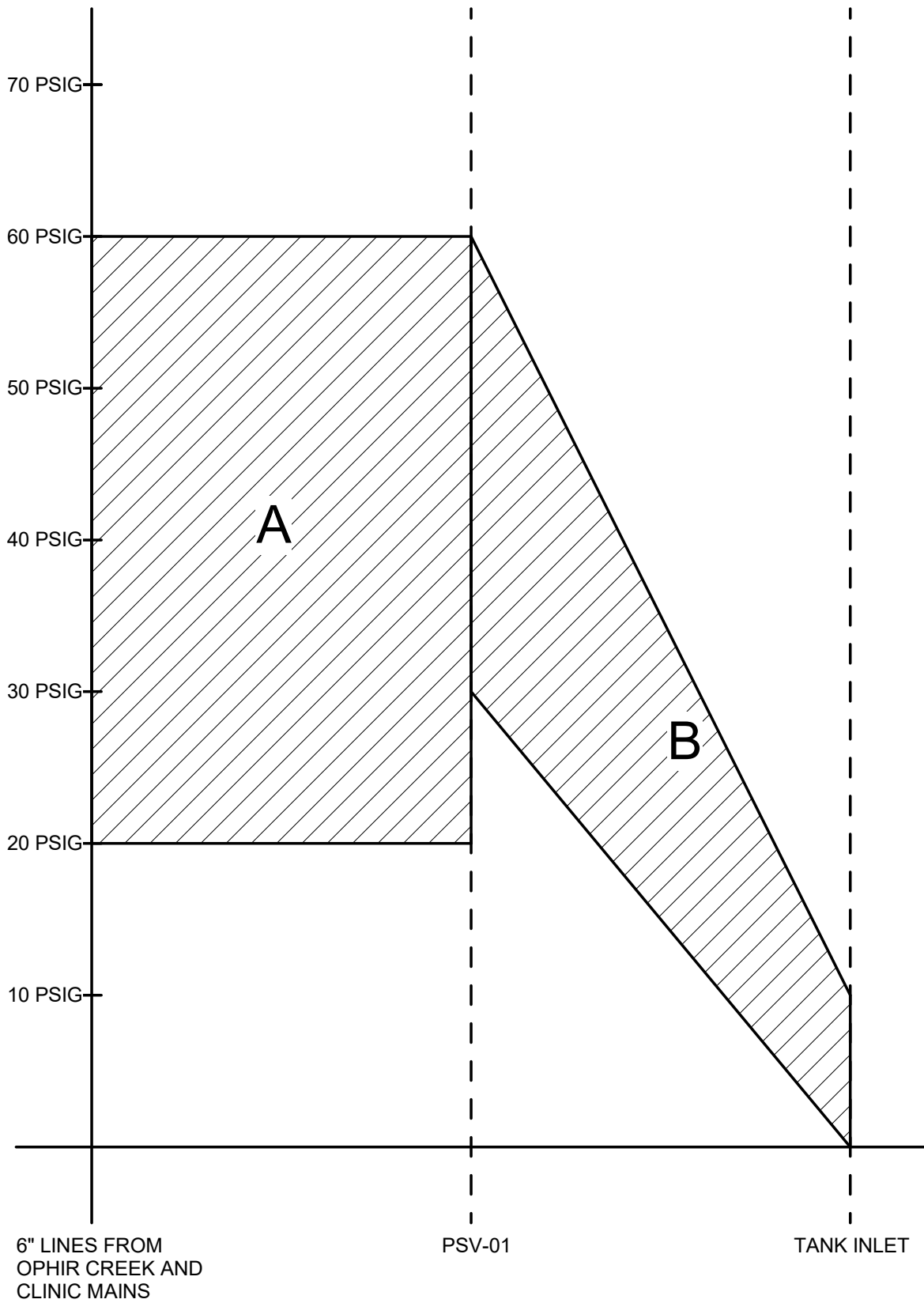
SHEET NOTES

- 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.



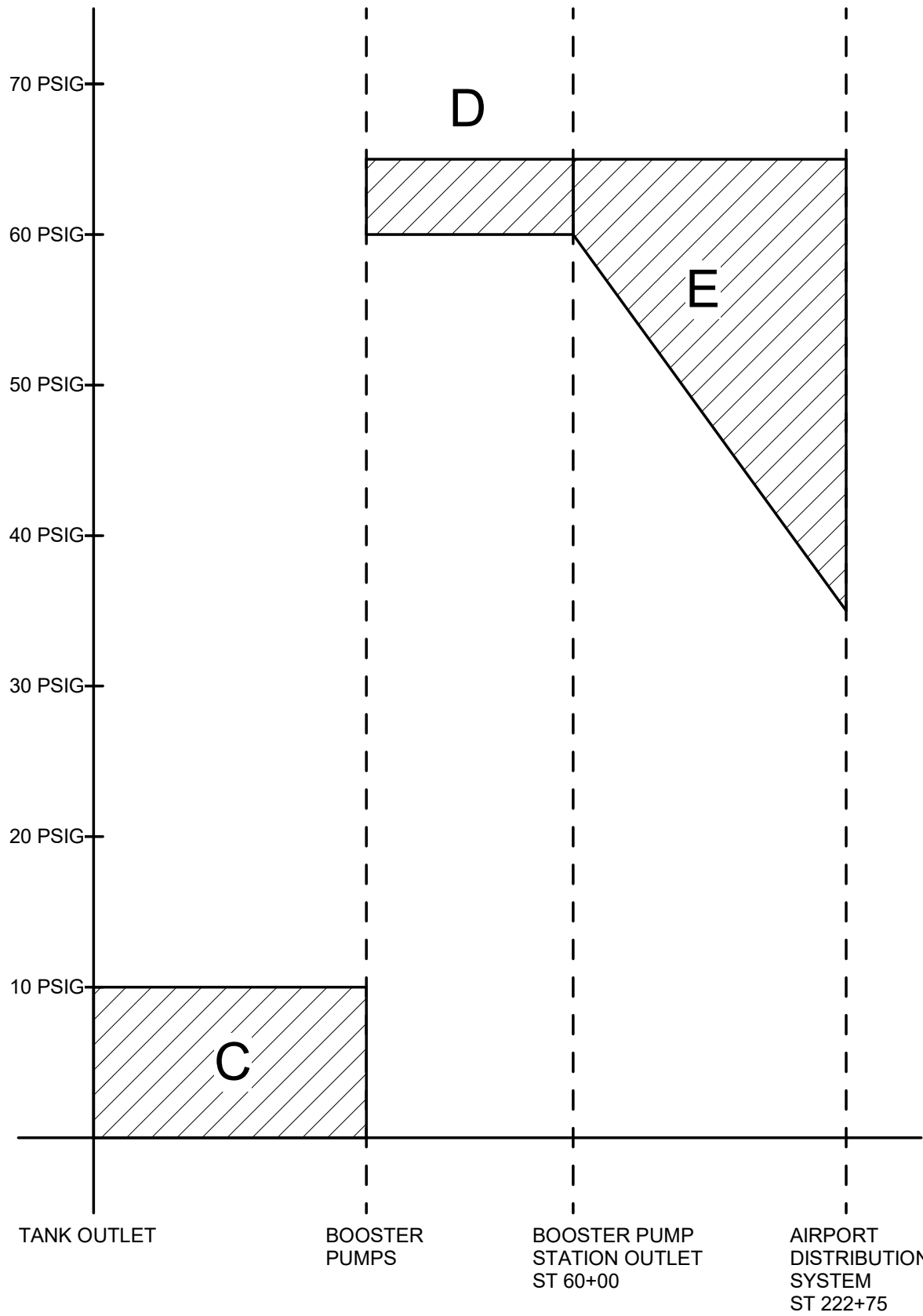
1 HYDRAULIC PROFILE DIAGRAM

D-003 SCALE: NO SCALE



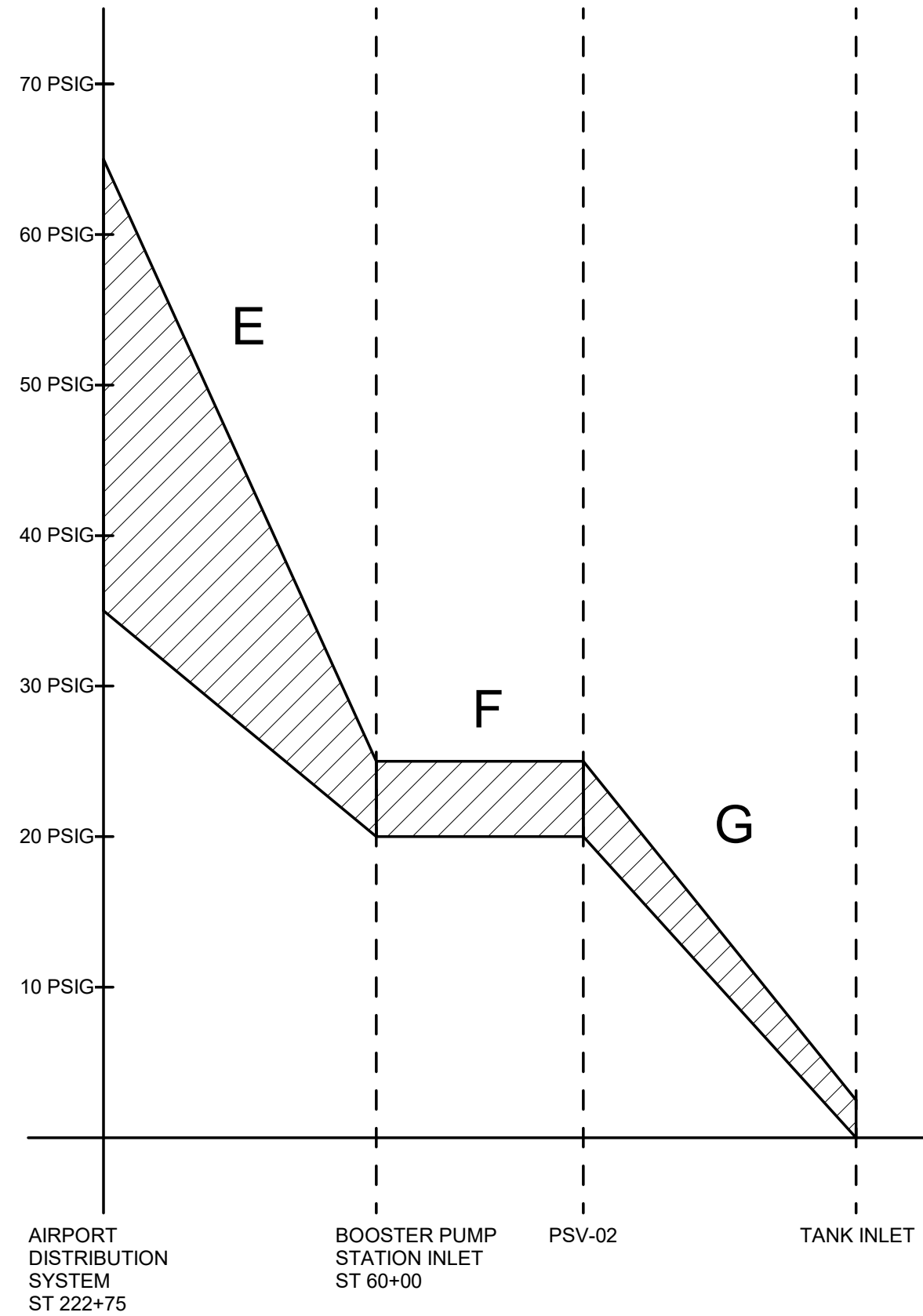
2 TANK FILL LINE

D-003 SCALE: NO SCALE



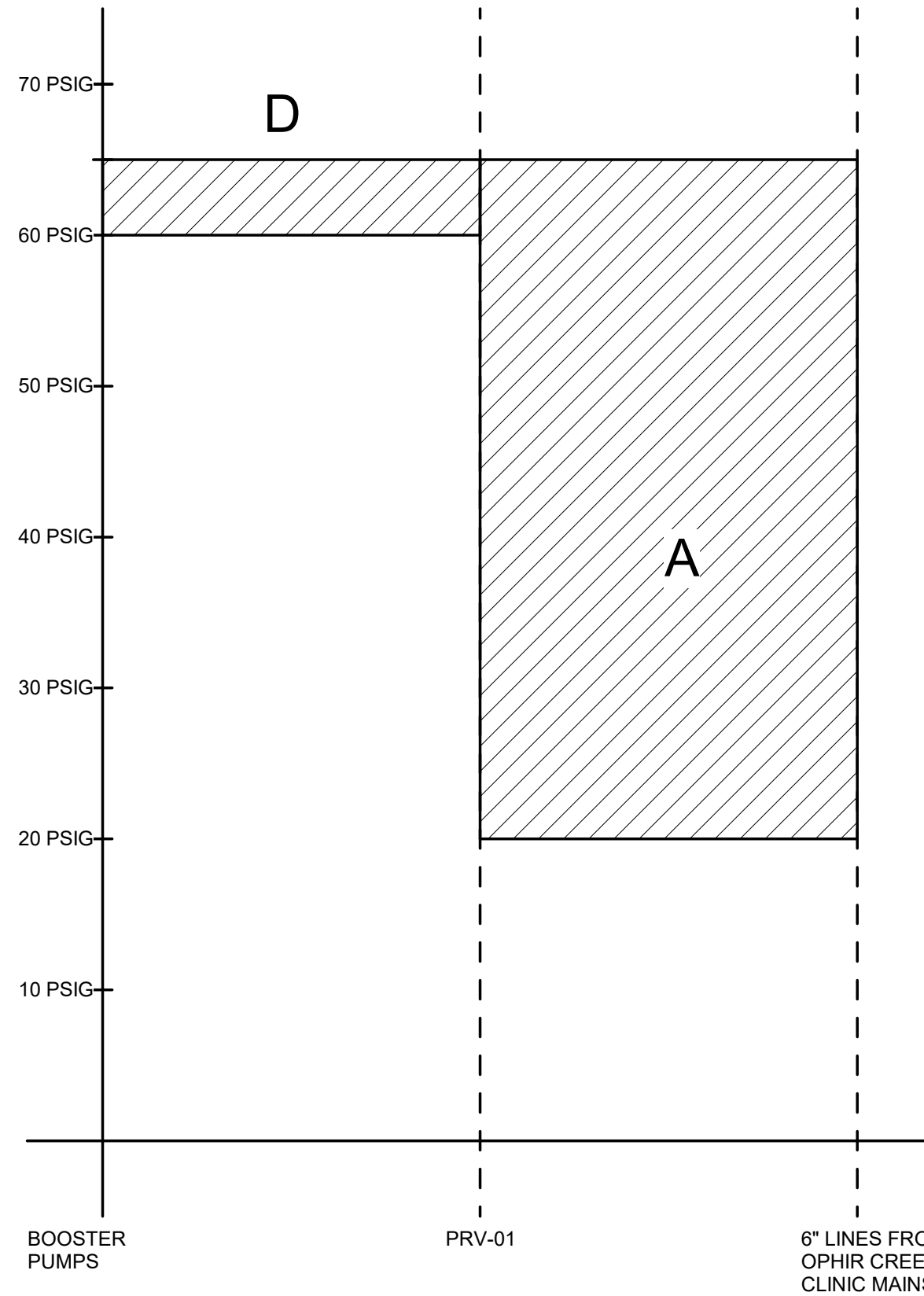
3 AIRPORT SUPPLY LINE

D-003 SCALE: NO SCALE



4 CIRCULATION LINE

D-003 SCALE: NO SCALE



5 SYSTEM INTERTIE LINE

D-003 SCALE: NO SCALE

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

CONSULTANT :



Juneau, AK
9103 Mendenhall Mall Rd, Ste 4
Juneau, AK 99801
Phone: 907.780.6360
www.respec.com
AECC 63270

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