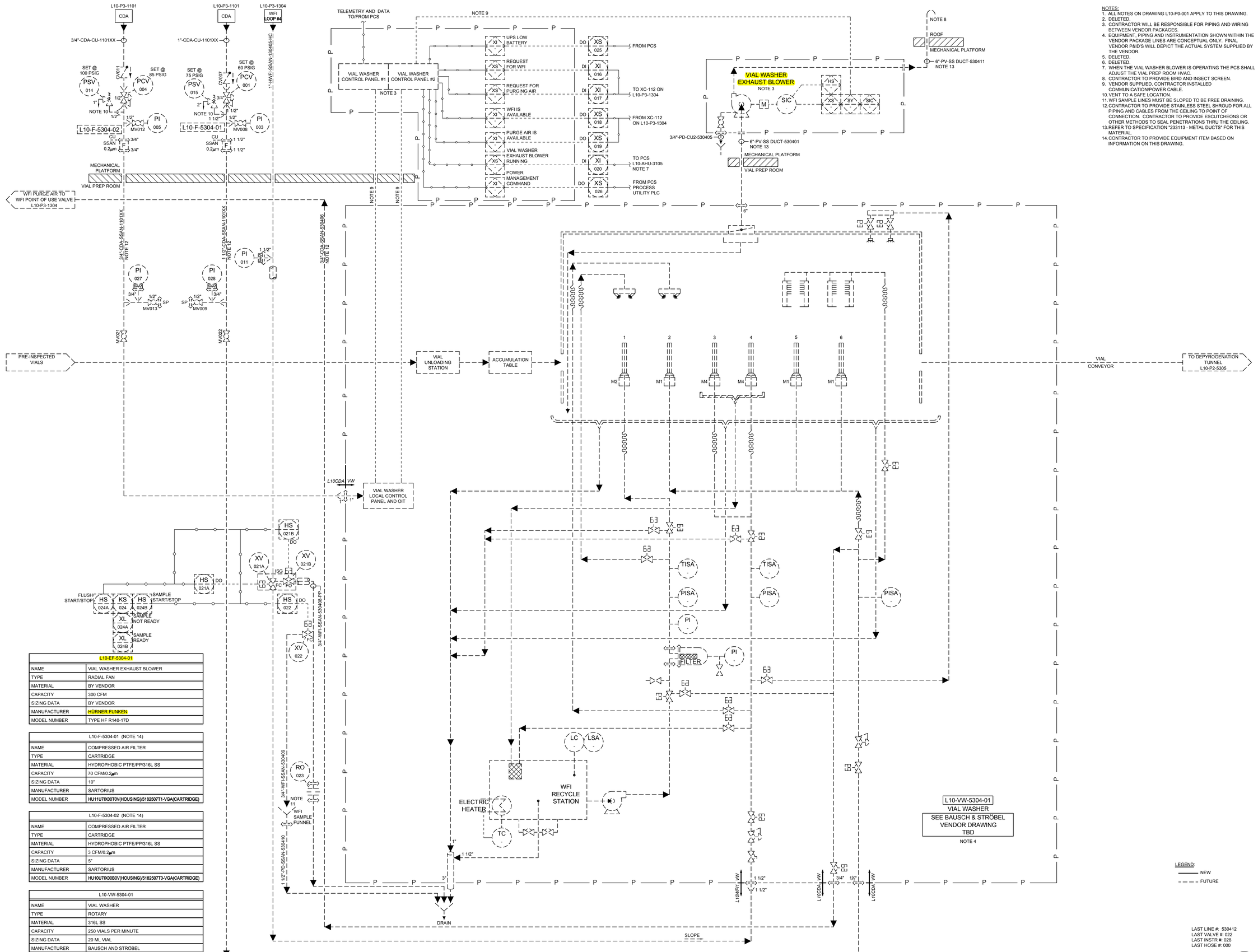

NOTES:
1. ALL NOTES ON DRAWING L10-P0-001 APPLY TO THIS DRAWING.
2. DELETED.
3. CONTRACTOR WILL BE RESPONSIBLE FOR PIPING AND WIRING BETWEEN VENDOR PACKAGES.
4. EQUIPMENT, PIPING AND INSTRUMENTATION SHOWN WITHIN THE VENDOR PACKAGE LINES ARE CONCEPTUAL ONLY. FINAL VENDOR P&ID'S WILL DEPICT THE ACTUAL SYSTEM SUPPLIED BY THE VENDOR.
5. DELETED.
6. DELETED.
7. WHEN THE VIAL WASHER BLOWER IS OPERATING THE PCS SHALL ADJUST THE VIAL PREP ROOM HVAC.
8. CONTRACTOR TO PROVIDE BIRD AND INSECT SCREEN.
9. VENDOR SUPPLIED, CONTRACTOR INSTALLED COMMUNICATION/POWER CABLE.
10. VENT TO A SAFE LOCATION.
11. WFI SAMPLE LINES MUST BE SLOPED TO BE FREE DRAINING.
12. CONTRACTOR TO PROVIDE STAINLESS STEEL SHROUD FOR ALL PIPING AND CABLES FROM THE CEILING TO POINT OF CONNECTION. CONTRACTOR TO PROVIDE ESCUTCHEONS OR OTHER METHODS TO SEAL PENETRATIONS THRU THE CEILING.
13. REFER TO SPECIFICATION "233113 - METAL DUCTS" FOR THIS MATERIAL.
14. CONTRACTOR TO PROVIDE EQUIPMENT ITEM BASED ON INFORMATION ON THIS DRAWING.

L10-EF-5304-01	
NAME	VIAL WASHER EXHAUST BLOWER
TYPE	RADIAL FAN
MATERIAL	BY VENDOR
CAPACITY	300 CFM
SIZING DATA	BY VENDOR
MANUFACTURER	HÜRNER FUNKEN
MODEL NUMBER	TYPE HF R140-17D

L10-F-5304-01 (NOTE 14)	
NAME	COMPRESSED AIR FILTER
TYPE	CARTRIDGE
MATERIAL	HYDROPHOBIC PTFE/PP/316L SS
CAPACITY	70 CFM/0.2µm
SIZING DATA	10"
MANUFACTURER	SARTORIUS
MODEL NUMBER	HU11U7X00T0V(HOUSING)/5182507T1-VGA(CARTRIDGE)

L10-F-5304-02 (NOTE 14)	
NAME	COMPRESSED AIR FILTER
TYPE	CARTRIDGE
MATERIAL	HYDROPHOBIC PTFE/PP/316L SS
CAPACITY	3 CFM/0.2µm
SIZING DATA	5"
MANUFACTURER	SARTORIUS
MODEL NUMBER	HU10U7X00B0V(HOUSING)/5182507T0-VGA(CARTRIDGE)

L10-VW-5304-01	
NAME	VIAL WASHER
TYPE	ROTARY
MATERIAL	316L SS
CAPACITY	250 VIALS PER MINUTE
SIZING DATA	20 ML VIAL
MANUFACTURER	BAUSCH AND STRÖBEL
MODEL NUMBER	FAU 6000

LEGEND:
NEW
FUTURE

LAST LINE #: 530412
LAST VALVE #: 022
LAST INSTR #: 028
LAST HOSE #: 000

B
ISSUE
DATE
01/29/20

Y:\FPBA.GILFLEXFILL\PID\L10-P2-5304RA.DWG

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NO.	DESCRIPTION	DATE
A	50% CONSTRUCTION DOCUMENTS	01/31/2020

DRAWN	JMK	PROJECT NO.	19025
CHECKED	NG	PRINT DATE	3/24/15
APPROVED	RK		

PIPING & INSTRUMENTATION DIAGRAM
FLEX LINE VIAL WASHER

L10-P2-5304