

JON27/25
JOSHUA J GASPARD License No. 40319

Johna J. Harrando

DALLA HALL

UNIVERSITY OF LOUISIANA AT LAFAYETTE
FACILITIES MANAGEMENT

POWER AND
SPECIAL
SYSTEMS PLAN - O.

AREA C

PROJECT NO: SHEET:

DATE: 10/27/2025

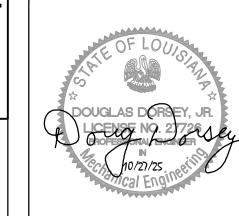
E 1

KEYPLAN-1st FLOOR

GENERAL NOTES PLUMBING PIPING LEGEND I. ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION. <u>SYMBOLS</u> DESCRIPTION SAN SANITARY OR WASTE PIPING ABOVE GRADE (SAN) 2. THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN. — −GREASE — GREASE WASTE PIPING (GW) ——SD—— STORM DRAIN PIPING (SD) CONDENSTATE DRAIN PIPING (CD) —— CD —— CONDENSTATE - INDIRECT DRAIN PIPING (D) VENT PIPING (V) _____V____ HOT WATER PIPING (HW) ——— HW ——— ——HWR—— HOT WATER RETURN PIPING (HWR) TRAP PRIMER LINE (TP) —— TP —— —— FS —— FIRE SPRINKLING PIPING (FS) —— GAS —— NATURAL GAS PIPING (G) —— GV —— GAS VENT PIPING (GV) FLOW DIRECTIONAL ARROW SHUT-OFF VALVE BALANCING VALVE (BV) SOLENOID VALVE (SV) BALL VALVE (BV) BUTTERFLY VALVE ___ LUBRICATED PACKED PLUG STOP COCK (PC) HORIZONTAL SWING CHECK UNION Y-STRAINER REDUCER OR INCREASER ECCENTRIC REDUCER REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP) PIPING DOWN RISE OR DROP PIPING PIPING UP -OR- PIPING UP & DOWN CAP ON END OF PIPE CLEANOUT (WALL OR CEILING) (CO) FLOOR CLEANOUT (FCO) EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO) TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD OUTSIDE) PRESSURE REDUCING VALVE (PRV) BRANCH CONNECTION OUT OF TOP BRANCH CONNECTION OUT OF BOTTOM BRANCH CONNECTION OUT OF SIDE WYE & 1/8TH BEND BRANCH CONNECTION WYE BRANCH CONNECTION HOSE BIBB PRESSURE GAUGE WITH COCK THERMOMETER GAS PRESSURE REGULATOR TEST COCK GAS METER HOSE BIBB WALL HYDRANT VALVE IN RISE ASME TEMPERATURE & PRESSURE RELIEF VALVE VACUUM RELIEF VALVE ANGLE VALVE REFER TO KEYED NOTE FLOW SWITCH FLOOR SINK (FS) FLOOR DRAIN (FD) FLOOR DRAIN WITH P-TRAP (FD) FLOOR DRAIN WITH P-TRAP AT 45° ANGLE (FD) HUB DRAIN (HD) ACCESS PANEL FOR TRAP PRIMER ACCESS PANEL LOCATION SYMBOL SHOCK ABSORBER WITH ACCESS PANEL AIR CHAMBER **EXISTING** NEW NEW CONNECTION DELTA CHANGE SYMBOL RISER FLAG



(337)261-9633 Lafayette, Louisiana 500 Dover Blvd., Suite 310 Lafayette, Louisiana 70503 Registration:0005857 Project No.:2024-03179

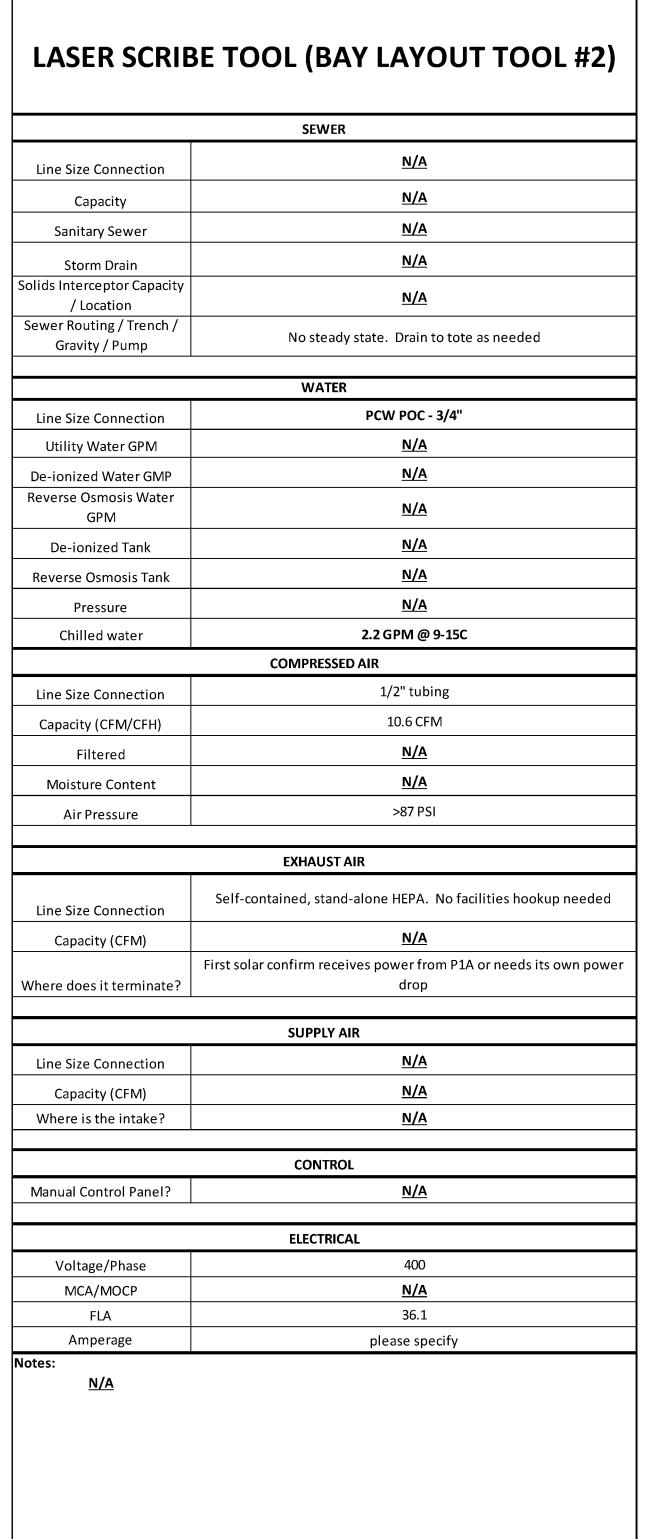






PLUMBING LEGENDS, NOTES & SYMBOLS

PROJECT NO:





		SEWER
Lin	e Size Connection	<u>N/A</u>
	Capacity	<u>N/A</u>
	Sanitary Sewer	<u>N/A</u>
	Storm Drain	<u>N/A</u>
Solids	Interceptor Capacity / Location	<u>N/A</u>
	er Routing / Trench / Gravity / Pump	<u>N/A</u>
		WATER
lin	e Size Connection	N/A
	tility Water GPM	<u>N/A</u>
-	ionized Water GMP	N/A
	e Osmosis Water GPM	<u>N/A</u>
	De-ionized Tank	<u>N/A</u>
	erse Osmosis Tank	<u>N/A</u>
	Pressure	<u>N/A</u>
	, 10354.10	<u> </u>
		COMPRESSED AIR
Lin	e Size Connection	3/4"
Ca	pacity (CFM /CFH)	Future
	Filtered	<u>N/A</u>
N	Noisture Content	<u>N/A</u>
	Air Pressure	<u>N/A</u>
	•	
		EXHAUST AIR
Lin	e Size Connection	<u>N/A</u>
	Capacity (CFM)	<u>N/A</u>
Wher	re does it terminate?	<u>N/A</u>
		SUPPLY AIR
Lin	e Size Connection	<u>N/A</u>
	Capacity (CFM)	<u>N/A</u>
	nere is the intake?	<u>N/A</u>
***	Tere to the make.	·
		CONTROL
Mar	nual Control Panel?	<u>N/A</u>
		ELECTRICAL
	Voltage/Phase	415
	voitage/rilase	413

80

70.6

please clarify

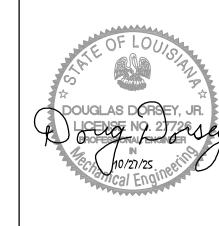
MCA/MOCP

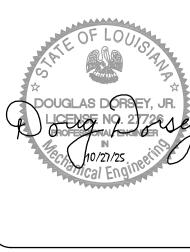
FLA

Amperage



salasobrien.com Lafayette, Louisiana 500 Dover Blvd., Suite 310 Lafayette, Louisiana 70503 Registration.0005857 Project No.2024-03179 (337)261-9633







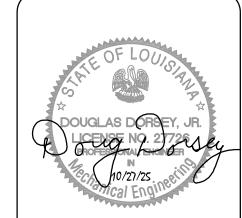


EQUIPMENT REQUIREMENTS & CONNECTIONS | —

PROJECT NO: SHEET: TO SHEET: PO.1 SCALE:

0





WETLINE TOOLSET REQUIREMENTS (BAY LAYOUT TOOL #3)

	SEWER
Line Cine Commention	
Line Size Connection	N/A
Capacity	<u>N/A</u>
Sanitary Sewer	N/A
Storm Drain	N/A
Solids Interceptor Capacity / Location	<u>N/A</u>
Sewer Routing / Trench / Gravity / Pump	Gravity pump to tote
	WATER
Line Size Connection	DN15
Utility Water GPM	N/A
De-ionized Water GMP	0.88
Reverse Osmosis Water GPM	<u>N/A</u>
De-ionized Tank	N/A
Reverse Osmosis Tank	N/A
Pressure	N/A
Process chilled water	<u>N/A</u>
	COMPRESSED AIR
Line Size Connection	1/4" or 8mm tubing
Capacity (CFM/CFH)	2.9
Filtered	N/A
Moisture Content	
Air Pressure	85
	EXHAUST AIR
Line Size Connection	Stand alone exhaust fan, no facilities hookup needed
Capacity (CFM)	262
Where does it terminate?	Blows into factory, may want to duct to roof for heat management?
	SUPPLY AIR
Line Size Connection	N/A
Capacity (CFM)	N/A
Where is the intake?	<u>N/A</u>
	CONTROL
Manual Control Panel?	<u>N/A</u>
	ELECTRICAL
Voltage/Phase	
MCA/MOCP	Powered from Developer
FLA	i owered from Developer
Amperage	
otes:	

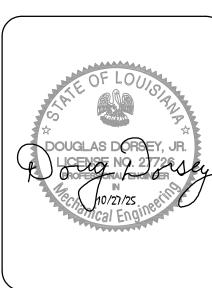
	SEWER
Line Size Connection	N/A
Capacity	<u>N/A</u>
Sanitary Sewer	<u>N/A</u>
Storm Drain	<u>N/A</u>
Solids Interceptor Capacity	<u>N/A</u>
/ Location Sewer Routing / Trench /	
Gravity / Pump	Gravity pump to tote
	WATER
Line Size Connection	3/4" flexible hose
Utility Water GPM	N/A
De-ionized Water GMP	1.45
Reverse Osmosis Water GPM	<u>N/A</u>
De-ionized Tank	N/A
Reverse Osmosis Tank	<u>N/A</u>
Pressure	<u>N/A</u>
Process chilled water	<u>N/A</u>
T	COMPRESSED AIR
Line Size Connection	1/4" or 8mm tubing
Capacity (CFM/CFH)	2.9
Filtered	<u>N/A</u>
Moisture Content	<u>N/A</u>
Air Pressure	85
	EXHAUST AIR
Line Size Connection	<u>N/A</u>
Capacity (CFM)	<u>N/A</u>
Where does it terminate?	<u>N/A</u>
	SUPPLY AIR
Line Size Connection	N/A
Capacity (CFM)	<u>N/A</u>
Where is the intake?	<u>N/A</u>
	CONTROL
Manual Control Panel?	N/A
1	
Water I	ELECTRICAL
Voltage MCA/MOCP	415 160
FLA	132.4
Amperage	Please clarify.
lotes:	·

	ACK DRY OVEN (3C)
	SEWER
Line Size Connection	N/A
Capacity	N/A
Sanitary Sewer	N/A
Storm Drain	N/A
lids Interceptor Capacity /	N/A
Location Sewer Routing / Trench / Gravity / Pump	none
	WATER
Line Size Connection	N/A
Utility Water GPM	N/A
De-ionized Water GMP	N/A
Reverse Osmosis Water	<u></u>
GPM De-ionized Tank	
Reverse Osmosis Tank	N/A
Pressure	<u>N/A</u> <u>N/A</u>
Process chilled water	N/A
riocess cillieu water	IVA
	COMPRESSED AIR
Line Size Connection	N/A - No CDA for this tool
Capacity (CFM/CFH)	2.9
Filtered	<u>N/A</u>
Moisture Content	<u>N/A</u>
Air Pressure	85
	EXHAUST AIR
Line Size Connection	Exhaust ducting installed with the tool
Capacity (CFM)	N/A
Vhere does it terminate?	Blows into factory, may want to duct to roof for heat management?
	SUPPLY AIR
Line Size Connection	N/A
Capacity (CFM)	N/A
Where is the intake?	<u>N/A</u>
	CONTROL
Manual Control Panel?	<u>N/A</u>
	ELECTRICAL
Voltage	
MCA/MOCP	power from rollcoater
FLA .	1
Amperage	

	UV EXPOSE (3D)
Line Size Connection	SEWER N/A
Capacity	<u></u>
Sanitary Sewer	<u>N/A</u>
Storm Drain Solids Interceptor Capacity	<u>N/A</u>
/ Location	<u>N/A</u>
Sewer Routing / Trench / Gravity / Pump	none
Gravity / Fump	
	WATER .
Line Size Connection	<u>N/A</u>
Utility Water GPM	<u>N/A</u>
De-ionized Water GMP Reverse Osmosis Water	<u>N/A</u>
GPM	<u>N/A</u>
De-ionized Tank	<u>N/A</u>
Reverse Osmosis Tank	<u>N/A</u>
Pressure	<u>N/A</u>
Process chilled water	<u>N/A</u>
	COMPRESSED AND
Line Size Connection	COMPRESSED AIR 1/4" or 8mm tubing
	2.9
Capacity (CFM/CFH) Filtered	
Moisture Content	<u>N/A</u>
Air Pressure	<u>N/A</u> 85
All Flessure	8.5
	EXHAUST AIR
Line Size Connection	N/A - No exhaust for this tool
Capacity (CFM)	<u>N/A</u>
Where does it terminate?	<u>N/A</u>
	SUPPLY AIR
Line Size Connection	N/A
Capacity (CFM)	N/A
Where is the intake?	<u></u> <u>N/A</u>
	CONTROL
Manual Control Panel?	N/A
Voltago	ELECTRICAL 415
Voltage MCA/MOCP	50
FLA	34.7
Amperage	Please clarify.
otes:	

Line Size Connection Capacity Sanitary Sewer	DEVELOPER (3E)
Capacity	SEWER
	N/A
Sanitary Sewer	N/A
	N/A
Storm Drain	N/A
Solids Interceptor Capacity / Location	N/A
Sewer Routing / Trench /	gravity pump to tote
Gravity / Pump	
Line Size Connection	WATER
Utility Water GPM	UPW POC - DN25, PCW POC - DN32
De-ionized Water GMP	<u>N/A</u> 1.89
Reverse Osmosis Water	
GPM	N/A
De-ionized Tank	<u>N/A</u>
Reverse Osmosis Tank	<u>N/A</u>
Pressure	<u>N/A</u>
Process chilled water	13.2 GPM @ 5-11C
	COMPRESSED AIR
Line Size Connection	1/4" or 8mm tubing
Capacity (CFM/CFH)	2.9
Filtered	N/A
Moisture Content	<u> </u>
Air Pressure	85
	EXHAUST AIR
Line Size Connection	Stand alone exhaust fan, no facilities hookup need
Capacity (CFM)	397
Where does it terminate?	<u>N/A</u>
	SUPPLY AIR
	N/A
Line Size Connection	
	N/A
Line Size Connection Capacity (CFM) Where is the intake?	<u>N/A</u> <u>N/A</u>
Capacity (CFM)	N/A
Capacity (CFM) Where is the intake?	N/A CONTROL
Capacity (CFM)	N/A
Capacity (CFM) Where is the intake? Manual Control Panel?	N/A CONTROL N/A ELECTRICAL
Capacity (CFM) Where is the intake? Manual Control Panel? Voltage	N/A CONTROL N/A ELECTRICAL 415
Capacity (CFM) Where is the intake? Manual Control Panel?	N/A CONTROL N/A ELECTRICAL

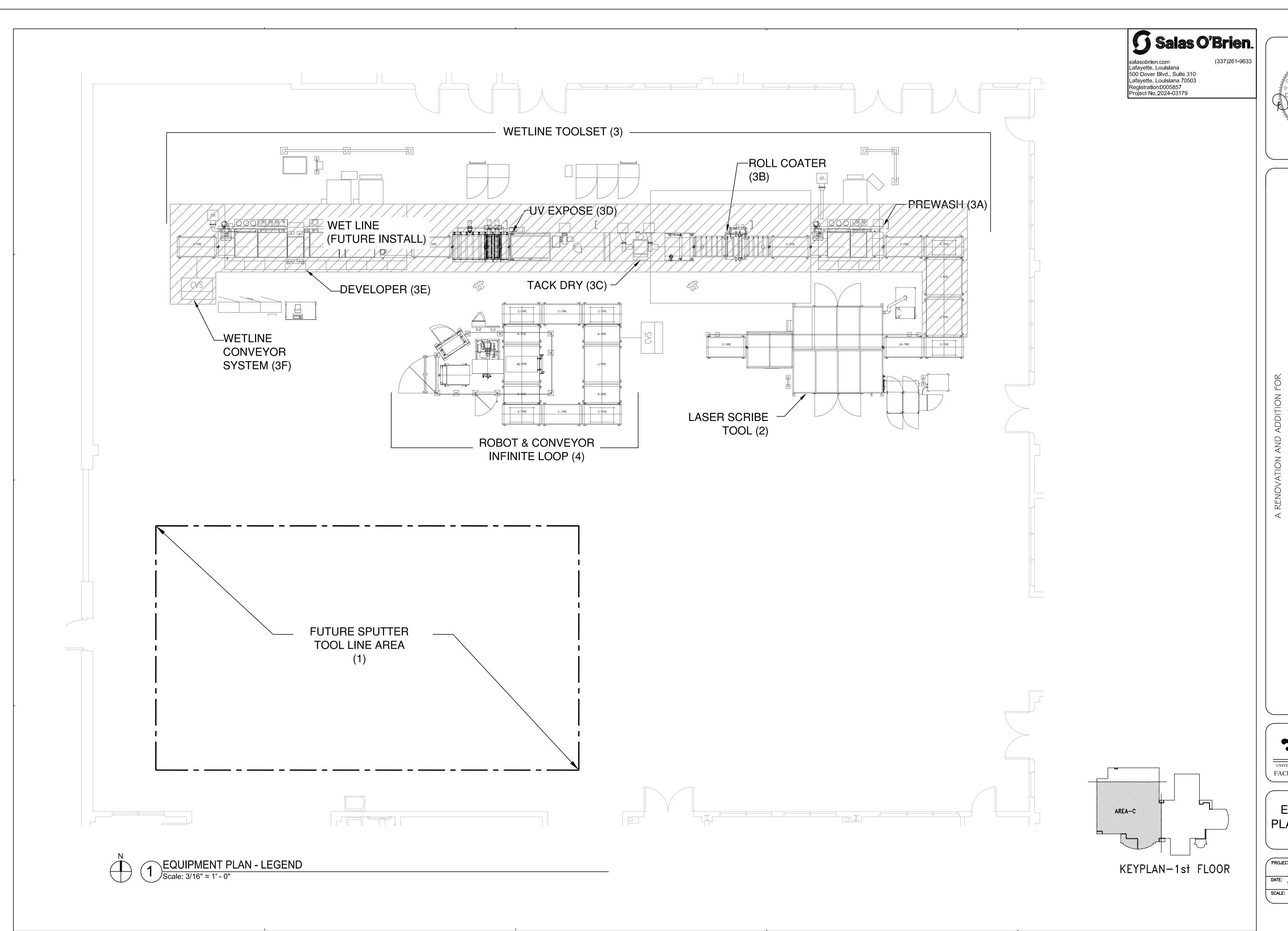
Wetlir	ne conveyor system (3F)
	SEWER
Line Size Connection	<u>N/A</u>
Capacity	<u>N/A</u>
Sanitary Sewer	<u>N/A</u>
Storm Drain	<u>N/A</u>
Solids Interceptor Capacity / Location	<u>N/A</u>
Sewer Routing / Trench / Gravity / Pump	<u>N/A</u>
	WATER
Line Size Connection	N/A
Utility Water GPM	<u>N/A</u>
De-ionized Water GMP	<u>N/A</u>
Reverse Osmosis Water	<u>N/A</u>
GPM De-ionized Tank	<u> </u>
Reverse Osmosis Tank	<u>N/A</u> N/A
Pressure	<u>N/A</u> <u>N/A</u>
Process chilled water	<u>N/A</u>
riocess cililea water	M/A
	COMPRESSED AIR
Line Size Connection	1/4" or 8mm tubing
Capacity (CFM/CFH)	10.6
Filtered	<u>N/A</u>
Moisture Content	<u>N/A</u>
Air Pressure	85
	EXHAUST AIR
Line Size Connection	<u>N/A</u>
Capacity (CFM)	<u>N/A</u>
Where does it terminate?	<u>N/A</u>
	SUPPLY AIR
Line Size Connection	<u>N/A</u>
Capacity (CFM)	<u>N/A</u>
Where is the intake?	<u>N/A</u>
	CONTROL
Manual Control Panel?	<u>N/A</u>
	ELECTRICAL
Voltage	415
MCA/MOCP	30
FLA	12.1 please clarify
Amperage Notes:	prease craffiy

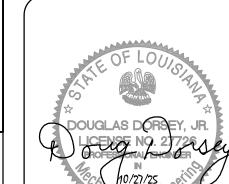






EQUIPMENT REQUIREMENTS | & CONNECTIONS | O REQUIREMENTS

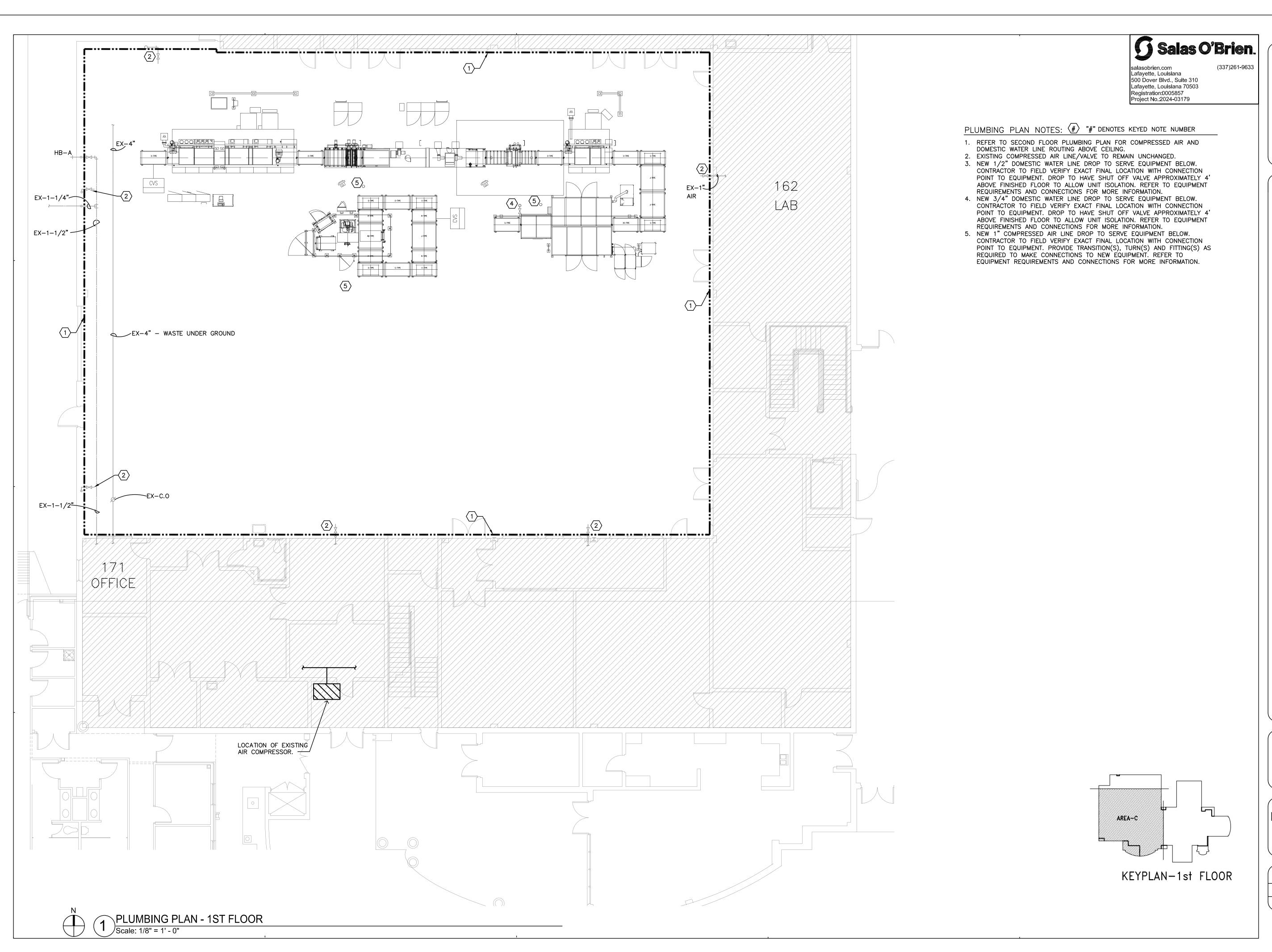


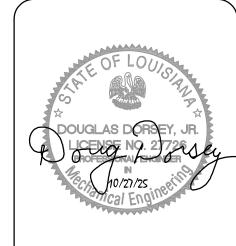






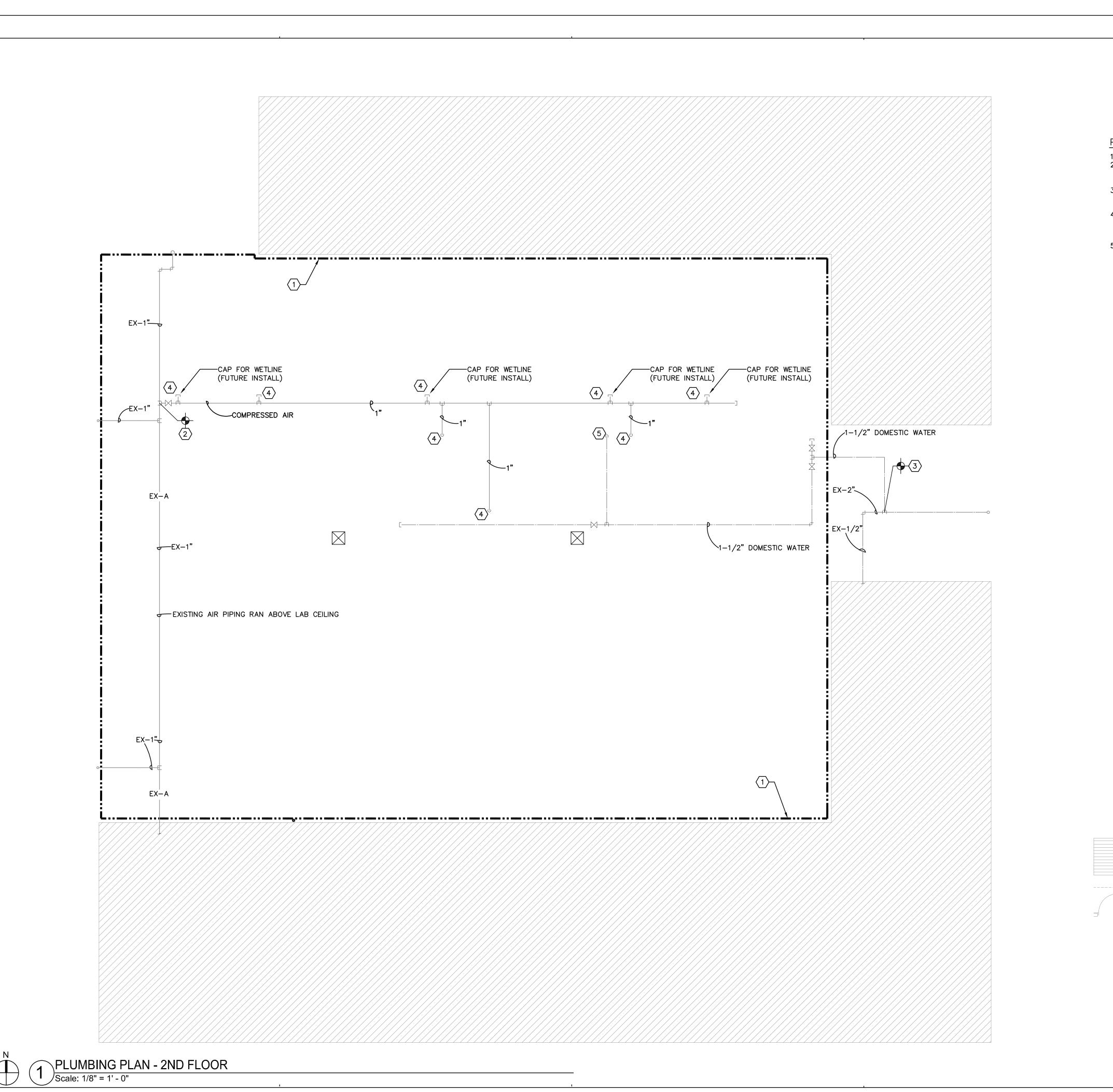
EQUIPMENT PLAN - LEGEND | —





PLUMBING PLAN - 1ST FLOOR

 $\begin{array}{c|c} & & & \\ \hline \text{PROJECT NO:} & & & \\ \hline \text{DATE:} & & & \\ \hline \text{10/27/2025} & & \\ \hline \text{SCALE:} & & \\ \hline \end{array}$



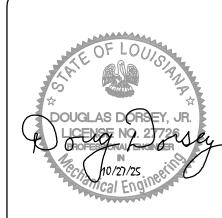


(337)261-9633

salasobrien.com Lafayette, Louisiana 500 Dover Blvd., Suite 310 Lafayette, Louisiana 70503 Registration 0005857 Project No. 2024-03179

PLUMBING PLAN NOTES: (#) "#" DENOTES KEYED NOTE NUMBER

- 1. REFER TO FIRST FLOOR PLUMBING PLAN FOR EQUIPMENT LAYOUT. 2. CONNECT NEW 1" COMPRESSED AIR LINE TO EXISTING 1" COMPRESSED AIR LINE IN AREA. FIELD VERIFY ALL CONDITIONS. FIELD VERIFY ALL FINAL CONNECTION POINTS WITH FACILITIES MANAGEMENT/REPRESENTATIVE.
- 3. CONNECT NEW 1-1/2" DOMESTIC WATER LINE TO EXISTING 2" DOMESTIC WATER LINE IN AREA. FIELD VERIFY ALL CONDITIONS. FIELD VERIFY ALL FINAL CONNECTION POINTS WITH FACILITIES MANAGEMENT/REPRESENTATIVE.
- 4. NEW COMPRESSED AIR LINE DROP TO SERVE EQUIPMENT BELOW. REFER TO FIRST FLOOR PLUMBING PLAN FOR CONTINUATION. COORDINATE EXACT DROP LOCATION IN FIELD. REFER TO EQUIPMENT SCHEDULES FOR MORE INFORMATION.
- 5. NEW DOMESTIC WATER LINE DROP TO SERVE EQUIPMENT BELOW. REFER TO FIRST FLOOR PLUMBING PLAN FOR CONTINUATION. COORDINATE EXACT DROP LOCATION IN FIELD. REFER TO EQUIPMENT SCHEDULES FOR MORE INFORMATION.

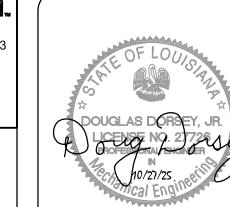


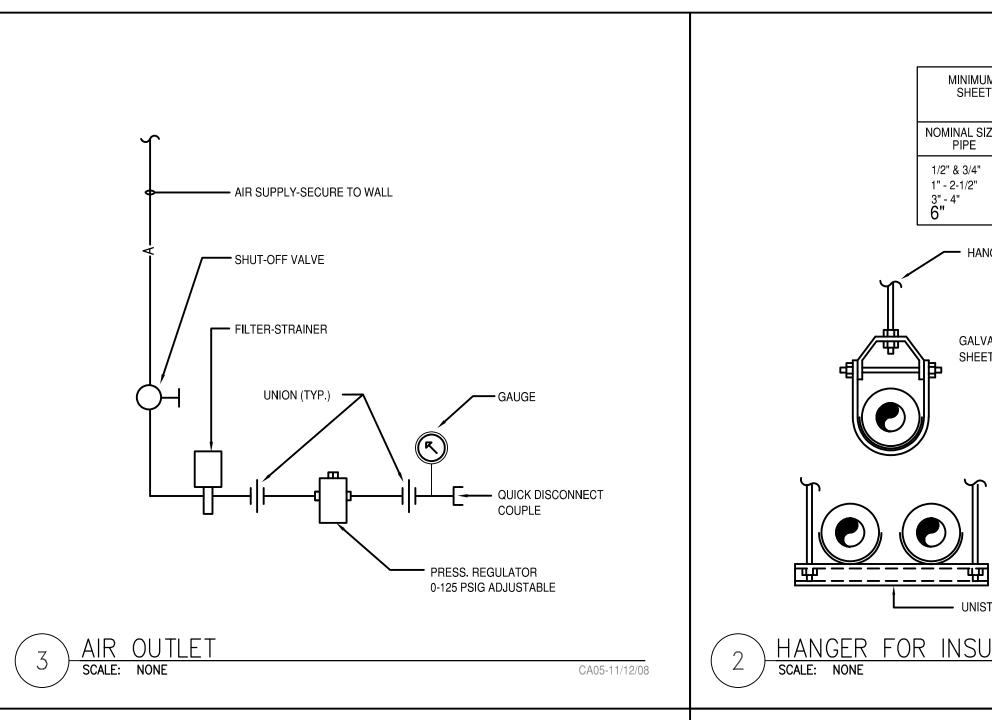


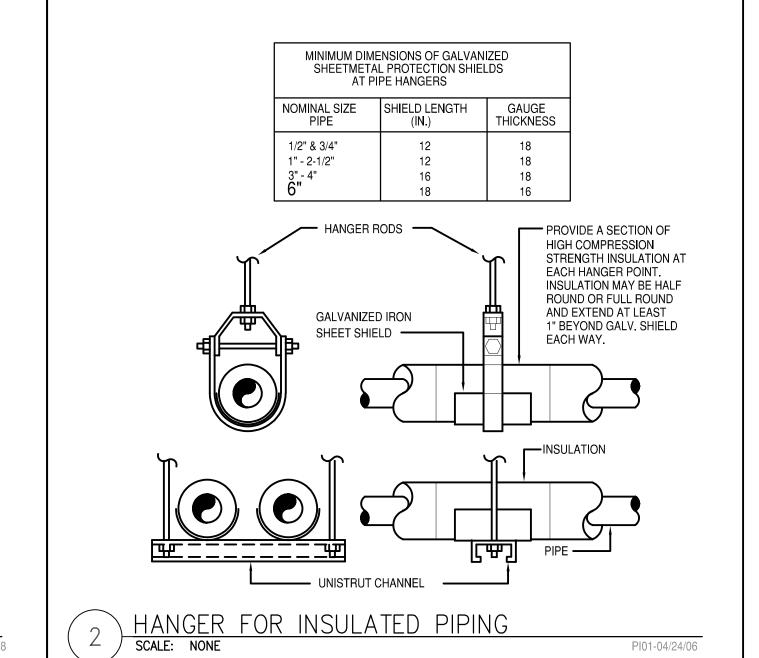
PLUMBING PLAN - 2ND FLOOR

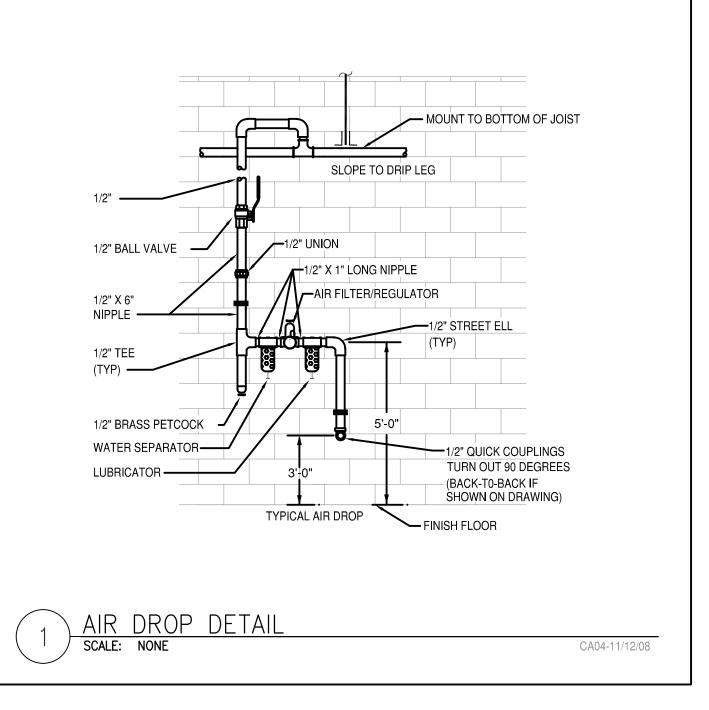
 $\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$ KEYPLAN-2nd FLOOR















PLUMBING DETAILS

3.0

PROJECT NO:	SHEET:
DATE: 10/27/2025	P3.0
SCALE:	
	1 / (