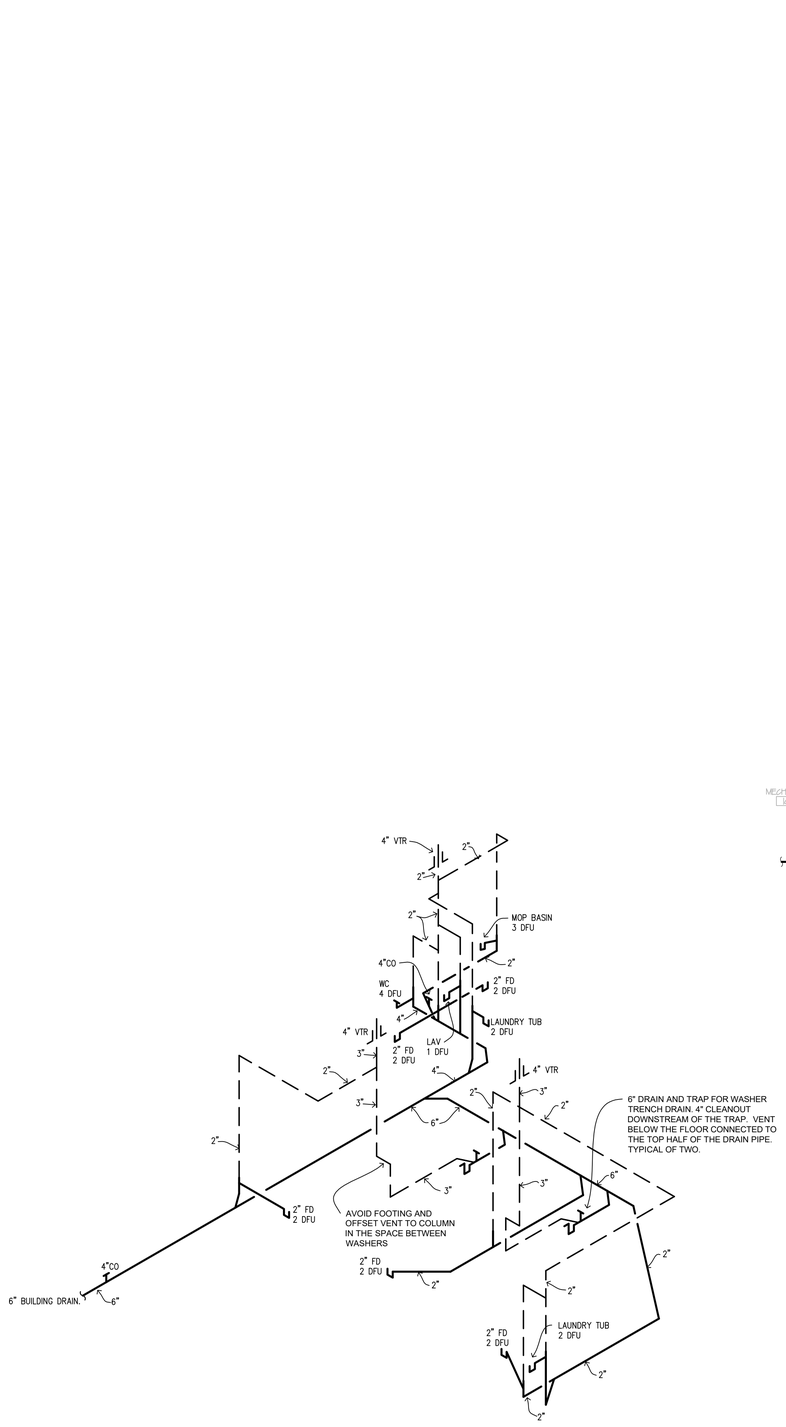
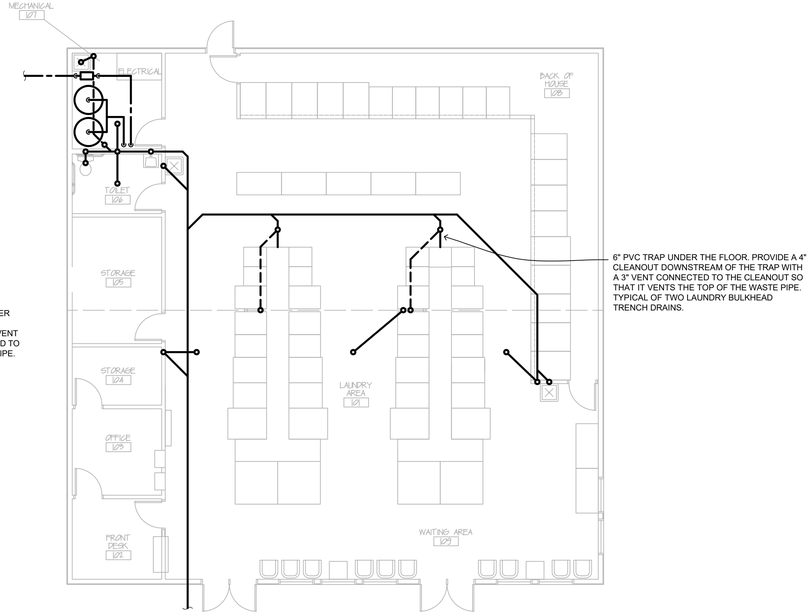
HN ENGINEERING
(701)212-9067
kathy.nordness@hnengr.com

6" PVC TRAP UNDER THE FLOOR AND CONNECT TO THE DRAIN AT SIDE WITH INVERT AT THE BOTTOM OF THE BULKHEAD TRENCH DRAIN. APPROXIMATELY 30 INCHES BELOW THE FLOOR. PROVIDE A 4" CLEANOUT DOWNSTREAM OF THE TRAP WITH A 3" VENT CONNECTED TO THE CLEANOUT SO THAT IT VENTS THE TOP OF THE WASTE PIPE. TYPICAL OF TWO LAUNDRY BULKHEAD TRENCH DRAINS. REFER TO THE PROPOSED PRE-FABRICATED BULKHEAD FOR DETAILS ON THE REMOVABLE AND CLEANABLE LINT TRAP IN THE TRENCH DRAIN.



6" DRAIN AND TRAP FOR WASHER TRENCH DRAIN. 4" CLEANOUT DOWNSTREAM OF THE TRAP. VENT BELOW THE FLOOR CONNECTED TO THE TOP HALF OF THE DRAIN PIPE. TYPICAL OF TWO.

2 DWV RISER – BASE BID
NOT TO SCALE



6" PVC TRAP UNDER THE FLOOR. PROVIDE A 4" CLEANOUT DOWNSTREAM OF THE TRAP WITH A 3" VENT CONNECTED TO THE CLEANOUT SO THAT IT VENTS THE TOP OF THE WASTE PIPE. TYPICAL OF TWO LAUNDRY BULKHEAD TRENCH DRAINS.

N PLAN 1 FIRST FLOOR PLUMBING PLAN
SCALE: 1/8" =1'-0"

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature:
Typed Name: Kathleen J. Nordness
Date: x License Number: 25714

THE Laundry Basket LAUNDROMAT

????
Willmar, Minnesota

DATE: September 2026

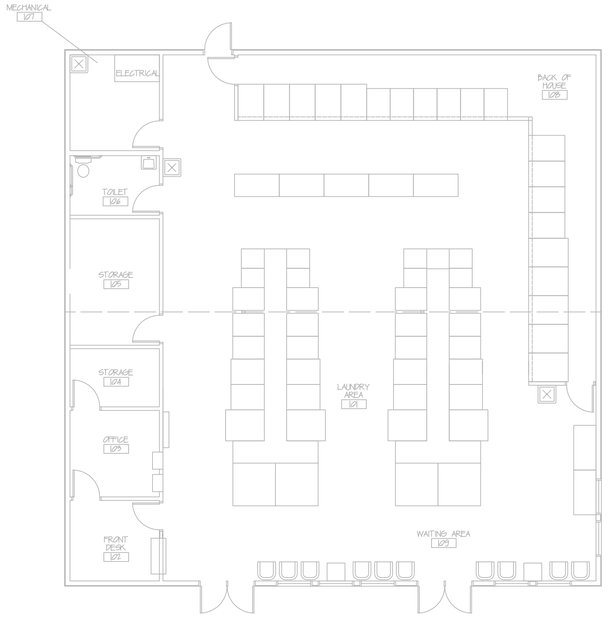
P-1

PLUMBING NOTES:

1. PRIOR TO COMMENCING ANY PLUMBING WORK, THE CONTRACTOR SHALL REVIEW THE TECHNICAL DRAWINGS FROM SPEED QUEEN TO CONFIRM CONNECTIONS TO EQUIPMENT INCLUDING BULKHEAD FOR WASHERS.
2. TEST THE WATER PRESSURE AT THE BUILDING AND CONFIRM MINIMUM 40 PSIG.
3. CONFIRM THE SITE UTILITIES FOR CONNECTIONS.
4. IF ANY BUILDING PLUMBING SERVICE IS NOT IN GOOD CONDITION FOR CONNECTING NEW WORK, NOTIFY THE PRIME CONTRACTOR AND ARCHITECT IN WRITING AND HOLD NEW PLUMBING WORK UNTIL THE CONCERNS ABOUT SERVICES ARE RESOLVED.
5. MATERIALS AND METHODS IN ACCORDANCE WITH MINNESOTA PLUMBING CODE.
6. THE WATER SERVICE AND PIPING IN THE MECHANICAL ROOM SHALL BE TYPE L COPPER PIPE, ASTM B88. FITTINGS AND JOINTS MAY BE PRESS TYPE OR SOLDERED.
7. THE WATER PIPING FROM THE MECHANICAL ROOM TO EACH FIXTURE SHALL BE EITHER TYPE L COPPER OR CROSSLINKED POLYETHYLENE (PEX) TUBING, ASTM F876. UNDERGROUND PIPING SHALL BE PEX.
8. DRAIN AND VENT PIPING WILL BE SCHEDULE 40 PVC PIPE, ASTM D1785.
9. INSULATE COPPER COLD WATER PIPING TO PREVENT CONDENSATION. INSULATION MAY BE EITHER FOAM OR FIBERGLASS. HOT WATER PIPING IS NOT REQUIRED TO BE INSULATED BECAUSE THIS IS NOT A RECIRCULATING SYSTEM.
10. WASHER BULKHEAD: PROVIDE A 6 INCH TRAP UNDER THE FLOOR AND CONNECT TO THE DRAIN AT THE BULKHEAD TRENCH DRAIN. APPROXIMATELY 30 INCHES BELOW THE FLOOR. PROVIDE A 4 INCH CLEANOUT DOWNSTREAM OF THE TRAP WITH A 4 INCH VENT CONNECTED TO THE CLEANOUT SO THAT IT VENTS THE TOP OF THE DRAIN PIPE. TYPICAL OF TWO LAUNDRY BULKHEADS. REFER TO THE PRE-FABRICATED BULKHEAD DRAWINGS FOR DETAILS ON THE REMOVABLE AND CLEANABLE LINT TRAP IN THE TRENCH DRAIN.
11. TOILET: TWO PIECE TANK TYPE, VITREOUS CHINA, 1.6 GPF, 16-1/2" RIM HEIGHT, 12 INCH CENTER, ELONGATED BOWL. PROVIDE A PLASTIC SEAT WITHOUT COVER.
12. LAVATORY: VITREOUS CHINA, ADA COMPLIANT, GRID STRAINER. PROVIDE EITHER A FLOOR MOUNTED CARRIER OR A WALL HANGER. PROVIDE BACKING IN THE STUD WALL TO SECURE THE HANGER FOR THE LAVATORY. PROVIDE A SINGLE LEVER CHROME PLATED FAUCET, 0.5 GPM, THAT MEETS ADA REQUIREMENTS. PROVIDE A THERMOSTATIC MIXING VALVE SET FOR 110 DEG F. MIXING VALVE MAY BE LOCATED UNDER THE LAVATORY OR IN THE MECHANICAL ROOM ON THE OTHER SIDE OF THE WALL. PROVIDE ADA WRAP FOR THE SUPPLIES AND TRAP.
13. FLOOR CLEANOUT: BRONZE COVER, ABS BODY.
14. FLOOR DRAINS: STAMPED CHROME COVER AND PVC BODY.
15. MOP BASIN: 24 INCH SQUARE FLOOR MOUNTED COMPOSITE BASIN WITH DRAIN. PROVIDE WALL MOUNTED FAUCET WITH INTEGRAL CHECKS AND STOPS, VACUUM BREAKER AND THREADED HOSE OUTLET.
16. LAUNDRY TUB: PROVIDE FLOOR MOUNTED COMPOSITE LAUNDRY TUB WITH CHROME PLATED FAUCET, PVC TRAP, FLEXIBLE SUPPLIES, AND STOP VALVES.
17. WATER HEATER: RINNAI WATER HEATERS WITH STORAGE TANKS. EACH HEATER IS 199 MBH INPUT NATURAL GAS. THE SYSTEM IS AN OPEN SYSTEM WITHOUT CHECK VALVES OR BACKFLOW PREVENTERS ON THE COLD WATER SUPPLY, SO AN EXPANSION TANK IS NOT REQUIRED. PROVIDE DIRECT CONCETRIC PVC VENTS FROM EACH WATER HEATER THROUGH THE WALL. VERIFY CLEARANCE IS MAINTAINED FROM THE GAS METER/REGULATOR NEAR THAT AREA. CAULK THE WALL PENETRATION WATER TIGHT. PIPE THE CONDENSATE FROM THE HIGH EFFICIENCY HEATER TO THE FLOOR DRAIN IN THE MECHANICAL ROOM FOR INDIRECT WASTE WITH PVC PIPE. PROVIDE BALL VALVES AND UNIONS ON THE WATER PIPING FOR FUTURE REMOVAL OF HEATER. PROVIDE A GAS SUPPLY WITH BALL VALVE, REGULATOR FROM 2PSIG TO REQUIRED BURNER PRESSURE, DRIP LEG AND UNION.
18. FREEZELESS WALL HYDRANT: WOODFORD MODEL 65 WITH VACUUM BREAKER. CHROME PLATED EXTERIOR NON-FREEZE WITH KEY OPERATOR.

HVAC NOTES:

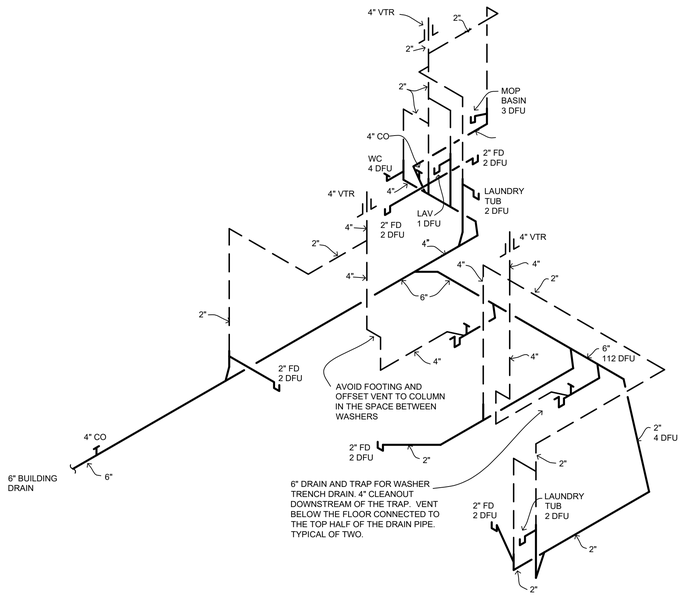
1. MATERIALS AND METHODS IN ACCORDANCE WITH MINNESOTA MECHANICAL CODE, FUEL GAS CODE, AND ENERGY CODE.
2. THE LOUVERS SHALL BE BAKED ENAMEL IN COLOR SELECTED BY THE ARCHITECT. LOUVERS SHALL HAVE BIRDSCREEN BEHIND THE LOUVER BLADES. PROVIDE A WALL SLEEVE THROUGH THE FLASHED OPENING PROVIDED BY THE GENERAL CONTRACTOR AND SECURE THE LOUVER. CAULK THE TOP AND SIDES OF THE CHANNEL OF THE LOUVER.
3. PITCH THE DUCT CONNECTED TO THE LOUVER TO DRAIN THROUGH THE BOTTOM OF THE LOUVER SLEEVE. SEAL THE SEAMS ON THE BOTTOM OF THE PITCHED DUCT WATER TIGHT.
4. THE EXHAUST FAN EF1 SHALL BE 75 CFM BATHROOM FAN. PROVIDE A WALL CAP WITH A BACKDRAFT DAMPER. REMOVE THE SECOND BACKDRAFT DAMPER IN THE BATHROOM FAN TO REDUCE RESTRICTION TO AIRFLOW. INSULATE THE EXHAUST DUCT WITH EXTERNAL WRAP SO THAT DAMPER LEAKAGE DOESN'T CAUSE CONDENSATION ON THE CEILING. COORDINATE WITH THE ELECTRICAL CONTRACTOR TO PROVIDE INTERLOCK OF FAN OPERATION WITH THE LIGHT SWITCH.
5. DUCTWORK SHALL BE GALVANIZED SHEETMETAL WHERE IT IS LOCATED OUTSIDE THE BUILDING, ABOVE THE CEILING, IN THE STORAGE ROOMS, OR IN THE MECHANICAL ROOM. DUCTWORK THAT IS VISIBLE IN THE LAUNDROMAT WHERE THERE IS NO CEILING, SHALL BE GALVANNEALED "PAINT GRIP".
6. GRILLES SHALL BE STEEL SINGLE DEFLECTION WITH A WHITE ENAMEL FINISH AND FLANGED FRAME. SUPPLY GRILLES SHALL BE DOUBLE DEFLECTION WITH AN OPPOSED BLADE DAMPER FOR BALANCING. RETURN GRILLES SHALL BE SINGLE DEFLECTION.
7. THE SUPPLY DIFFUSERS IN THE LAY-IN TILE CEILINGS OF THE OFFICE AND THE FRONT OFFICE SHALL BE PERFORATED WITH FOUR WAY ADJUSTABLE THROW IN THE BACK OF THE DIFFUSER, NOT THE FACE. RETURN AIR GRILLES IN THE OFFICES MAY BE EITHER PERFORATED OR EGG CRATE STYLE. DIFFUSERS SHALL BE STEEL WITH WHITE ENAMEL FINISH. PROVIDE A HETO WITH BALANCING FOR EACH BRANCH DUCT. PROVIDE INSULATED FLEXIBLE DUCT FOR CONNECTION TO THE DIFFUSERS IN THE GRID WITHOUT SPRINGING THE GRID.
8. THE PACKAGED UNIT SHALL BE PLACED ON A 4 INCH HIGH CONCRETE PAD OUTSIDE THE BUILDING. PROVIDE SEALED DUCTS FROM THE UNIT THROUGH THE WALL OF THE STORAGE ROOM. SEAL THE PENETRATION OF THE WALL WATER TIGHT. COORDINATE WITH THE GENERAL CONTRACTOR TO PROVIDE FLASHING AT THE DUCT PENETRATIONS. PROVIDE RIGID INSULATION ON THE EXTERIOR DUCTWORK AND VENTURE CLAD TO PROTECT THE INSULATED DUCTWORK. PIPE CONDENSATE WITH A TRAP TO THE GRASS ADJACENT TO THE UNIT. PROVIDE GAS SHUTOFF VALVE, DRIP LEG, REGULATOR, AND UNION FOR CONNECTION TO NATURAL GAS.
9. PROVIDE A PROGRAMMABLE THERMOSTAT IN THE OFFICE WITH A REMOTE SENSOR LOCATED IN THE LAUNDROMAT ROOM.
10. THE PACKAGED UNIT IS FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR REVIEWING THE SHOP DRAWINGS FOR COORDINATION, RECEIVING THE EQUIPMENT ON SITE, STORING AND PROTECTING, INSTALLING, AND START-UP OF THE UNIT. THE MECHANICAL CONTRACTOR WILL BE THE FIRST CALL FOR HVAC WARRANTY ISSUES INCLUDING THIS PACKAGED UNIT UNTIL THE ISSUE IS IDENTIFIED AS EITHER INSTALLATION RELATED OR MANUFACTURER RELATED ISSUE.
11. THE PACKAGED UNIT IS A 12 TON WITH NATURAL GAS INDIRECT HEATER. THE UNIT HAS AN AIR SIDE ECONOMIZER WITH BAROMETRIC RELIEF. THE SUPPLY AIR IS 4,800 CFM. THE MINIMUM OUTSIDE AIR SHALL BE SET FOR 600 CFM. THE UNIT IS CONSTANT VOLUME WITH TWO STAGES OF COOLING AND HEATING. THERE IS NO ENERGY RECOVERY. THE UNIT EXCEEDS THE EFFICIENCY REQUIREMENTS OF THE MINNESOTA ENERGY CODE.
12. PROVIDE 1/2 INCH THICK DUCT LINER IN THE FIRST 5 FEET CONNECTED TO THE UNIT ON BOTH THE RETURN AIR AND SUPPLY AIR.
13. COMBUSTION AIR INTAKE IN THE DRYER ENCLOSURE SHALL BE PROVIDED WITH A MOTERIZED DAMPER. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE WIRING TO INTERLOCK THE DAMPER SO THAT ANY DRYER OPERATING WILL OPEN ALL COMBUSTION AIR DAMPERS.



N PLAN

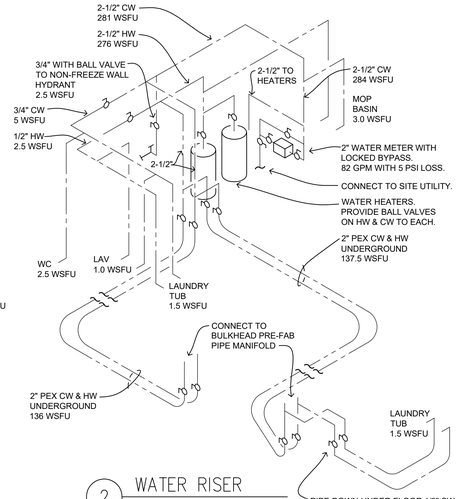
4 HVAC PLAN

SCALE: 1/8" =1'-0"



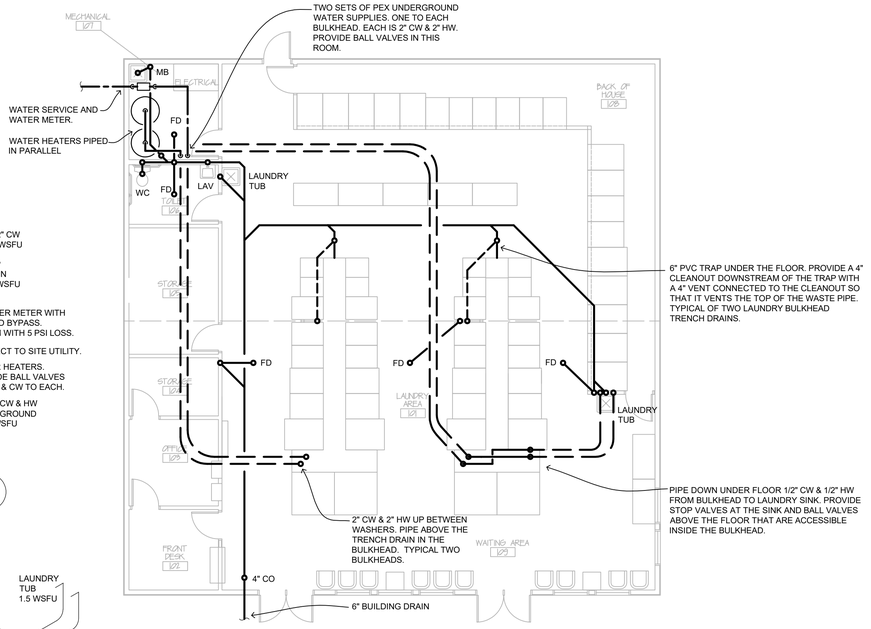
3 DWV RISER

NOT TO SCALE



2 WATER RISER

NOT TO SCALE



N PLAN

1 PLUMBING PLAN

SCALE: 1/8" =1'-0"

HN ENGINEERING
(701)212-9067
kathy.nordness@hnengr.com

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

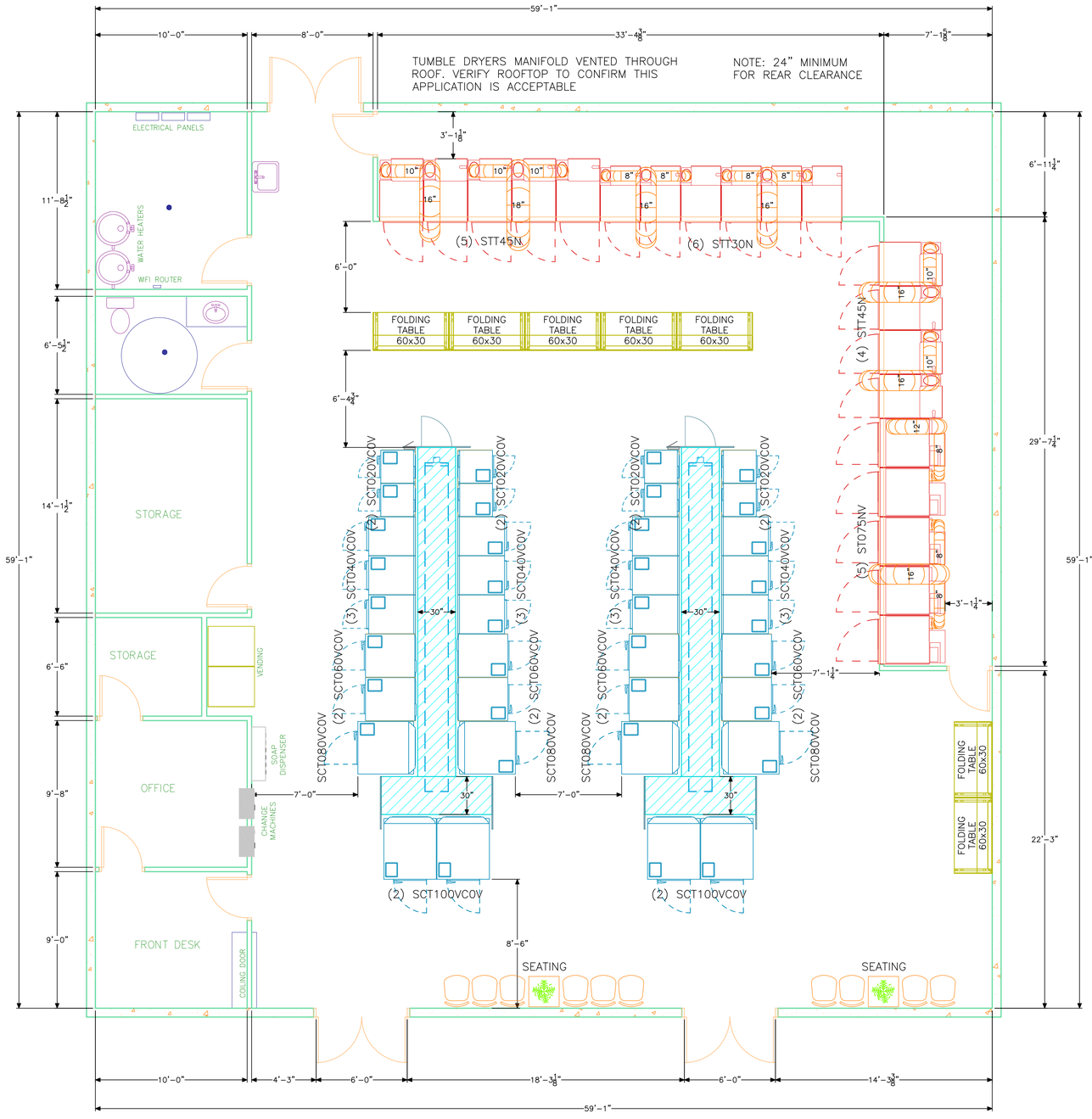
Signature:
Typed Name: Kathleen J. Nordness
Date: x License Number: 25714

THE Laundry Basket LAUNDROMAT

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Willmar, Minnesota

DATE: September 2026

P-1



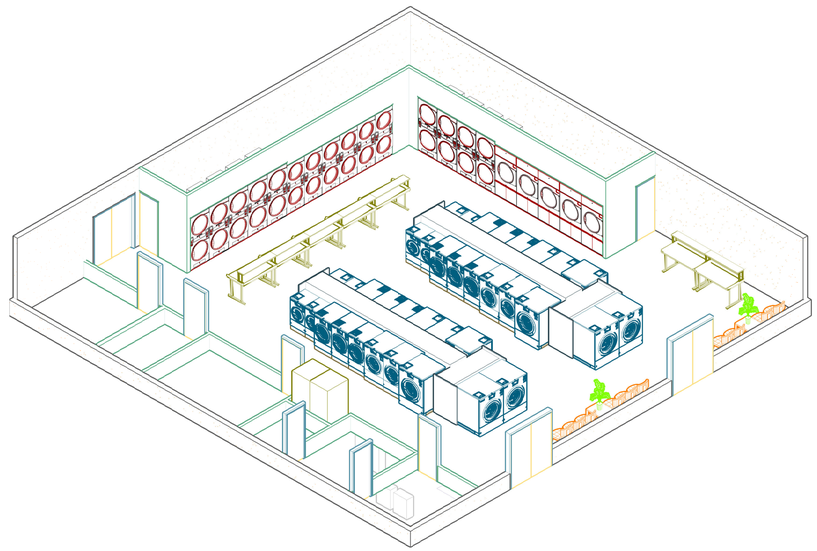
DRAWING NOTES

- THESE DRAWINGS ARE FOR INFORMATION PURPOSES ONLY. ALL CONSTRUCTION SHALL CONFORM TO ALL LOCAL CODES AND PRACTICES.
- ALL VALUES MAY CHANGE WITHOUT NOTICE.
- DO NOT SCALE THIS DRAWING.
- ALL CONNECTIONS AND SERVICES SHALL BE MADE BY QUALIFIED TECHNICIANS.

EQUIPMENT SPECIFICATIONS

MODEL NUMBER	DESCRIPTION	QTY	MACHINE CAPACITY	EXTENDED CAPACITY
SCT100VC0V	SPEED QUEEN 100lb. HARDMOUNT WASHER-EXTRACTOR	4	100 lbs.	400 lbs.
SCT080VC0V	SPEED QUEEN 80lb. HARDMOUNT WASHER-EXTRACTOR	4	80 lbs.	320 lbs.
SCT060VC0V	SPEED QUEEN 60lb. HARDMOUNT WASHER-EXTRACTOR	8	60 lbs.	480 lbs.
SCT040VC0V	SPEED QUEEN 40lb. HARDMOUNT WASHER-EXTRACTOR	12	40 lbs.	480 lbs.
SCT020VC0V	SPEED QUEEN 20lb. HARDMOUNT WASHER-EXTRACTOR	8	20 lbs.	160 lbs.
			TOTAL WASH CAPACITY:	**1840 lbs.**

MODEL NUMBER	DESCRIPTION	QTY	MACHINE CAPACITY	EXTENDED CAPACITY
ST075N	SPEED QUEEN 75lb. SINGLE POCKET TUMBLE DRYER	5	75 lbs.	375 lbs.
STT45N	SPEED QUEEN 45lb. STACKED TUMBLE DRYER	9	90 lbs.	810 lbs.
STT30N	SPEED QUEEN 30lb. STACKED TUMBLE DRYER	6	60 lbs.	360 lbs.
			TOTAL DRY CAPACITY:	**1545 lbs.**
			WASH TO DRY RATIO:	**1 : .84**



3D VIEW

Speed Queen®
The Proven Performer in Laundry

PROJECT:
LAUNDRY BASKET

PROJECT NUMBER:
LDR-11406

AREA:
3490

EQUIPMENT DISTRIBUTOR:
Alliance Laundry
1 Shepard Street
Ripon, WI, 54971

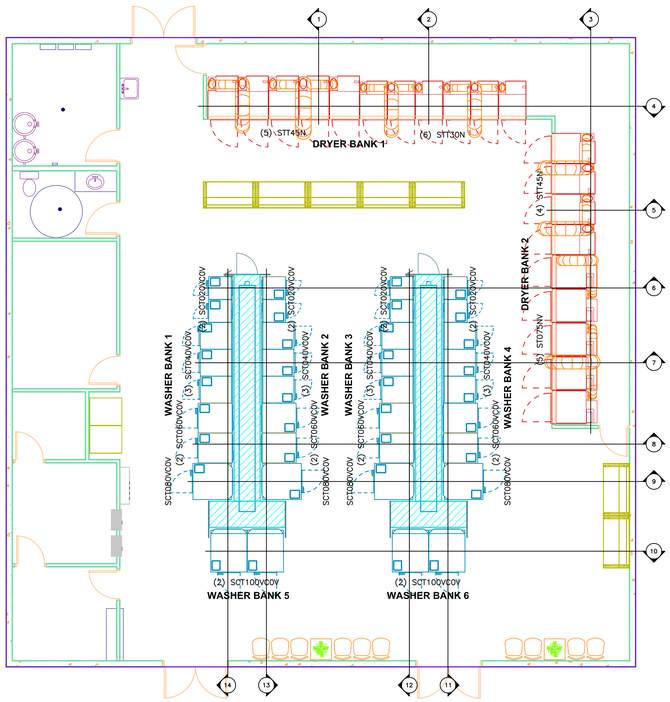
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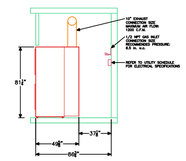
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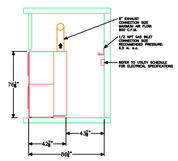
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NOT FOR CONSTRUCTION PURPOSES. Equipment specifications are subject to change without notice. Please see equipment installation manuals for updated equipment installation requirements.

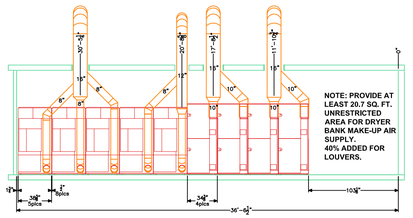




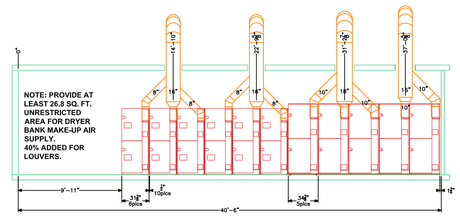
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STT45N SIDE VIEW



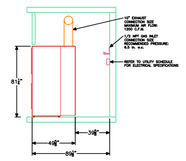
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STT30N SIDE VIEW



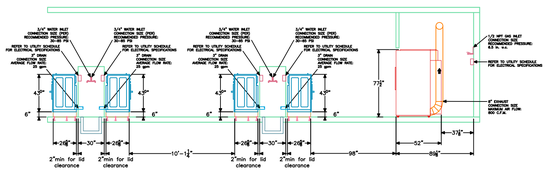
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ST075N & STT45N BACK VIEWS



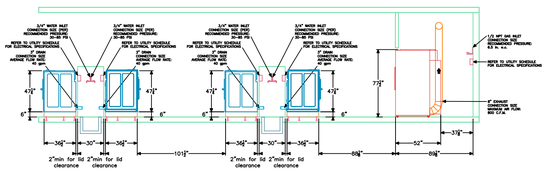
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STT30N & STT45N BACK VIEWS



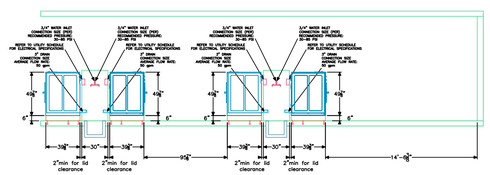
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STT45N SIDE VIEW



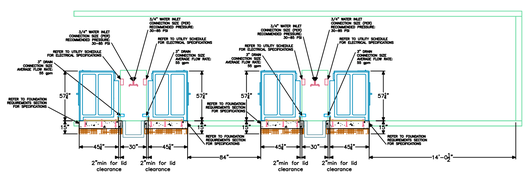
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SCT020VC0V & ST075N SIDE VIEWS



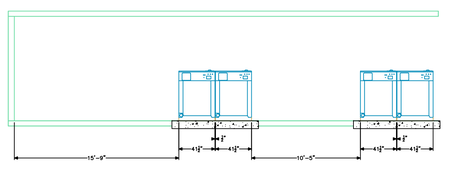
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SCT040VC0V & ST075N SIDE VIEWS



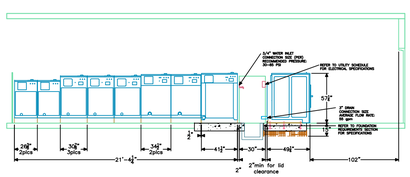
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SCT060VC0V SIDE VIEWS



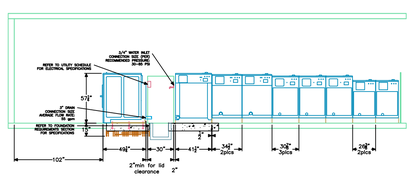
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SCT080VC0V SIDE VIEWS



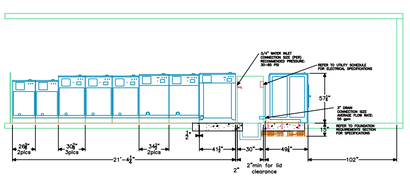
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SCT100VC0V BACK VIEWS



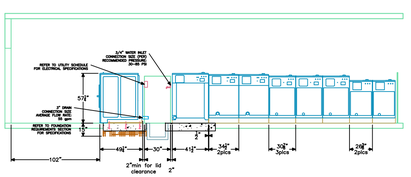
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SCT020VC0V, SCT040VC0V, SCT060VC0V & SCT080VC0V BACK VIEWS & SCT100VC0V SIDE VIEW



12 WASHER BANKS 6 & 3
SCT100VC0V SIDE VIEW & SCT080VC0V, SCT060VC0V, SCT040VC0V & SCT020VC0V BACK VIEWS



13 WASHER BANKS 2 & 5
SCT020VC0V, SCT040VC0V, SCT060VC0V & SCT080VC0V BACK VIEWS & SCT100VC0V SIDE VIEW



14 WASHER BANKS 5 & 1
SCT100VC0V SIDE VIEW & SCT080VC0V, SCT060VC0V, SCT040VC0V & SCT020VC0V BACK VIEWS

Speed Queen®
The Proven Performer in Laundry

PROJECT:
LAUNDRY BASKET

PROJECT NUMBER:
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AREA:
3490

EQUIPMENT DISTRIBUTOR:
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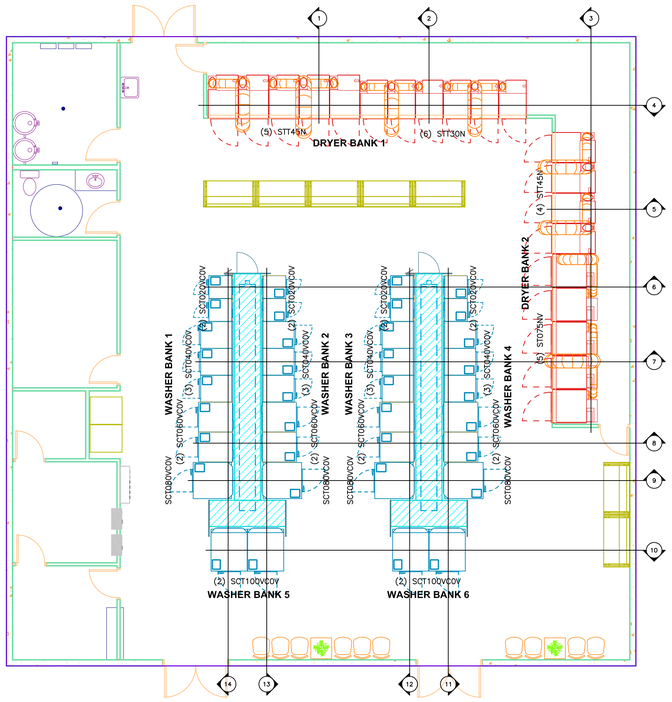
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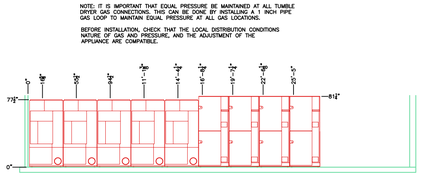
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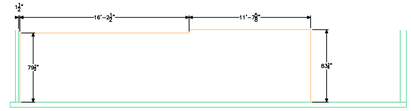
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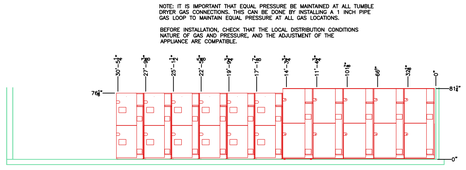




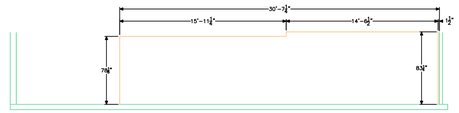
3A DRYER BANK 2
NATURAL GAS VALVE LOCATIONS



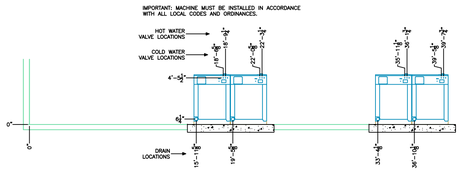
3B DRYER BANK 2
TUMBLE DRYER OPENING MEASUREMENTS



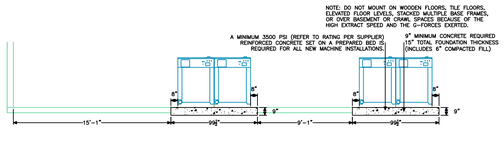
4A DRYER BANK 1
NATURAL GAS VALVE LOCATIONS



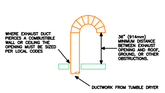
4B DRYER BANK 1
TUMBLE DRYER OPENING MEASUREMENTS



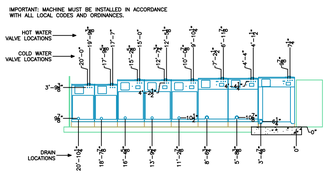
10A WASHER BANKS 6 & 5
WATER/DRAIN LOCATIONS



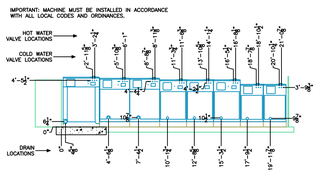
10B WASHER BANKS 6 & 5
FOUNDATION SPECIFICATIONS



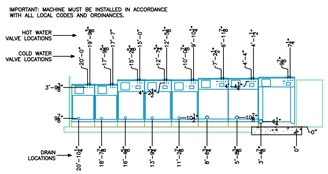
EXHAUST HOOD DETAIL
(DRAWING NOT TO SCALE)



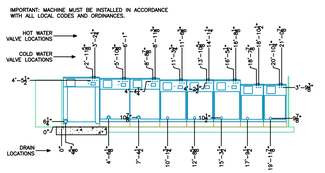
11A WASHER BANK 4
WATER/DRAIN LOCATIONS



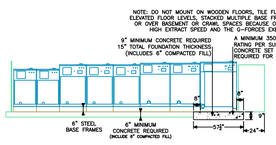
12A WASHER BANK 3
WATER/DRAIN LOCATIONS



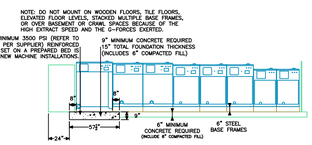
13A WASHER BANK 2
WATER/DRAIN LOCATIONS



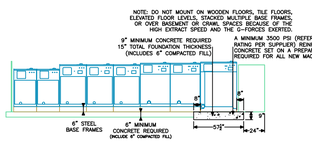
14A WASHER BANK 1
WATER/DRAIN LOCATIONS



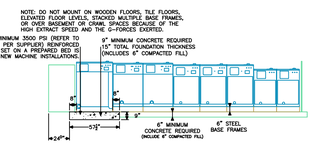
11B WASHER BANK 4
FOUNDATION SPECIFICATIONS



12B WASHER BANK 3
FOUNDATION SPECIFICATIONS



13B WASHER BANK 2
FOUNDATION SPECIFICATIONS



14B WASHER BANK 1
FOUNDATION SPECIFICATIONS

LAUNDRY EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	SPEED QUEEN	SCT100VC0V	WASHER-EXTRACTOR	4	
2	SPEED QUEEN	SCT080VC0V	WASHER-EXTRACTOR	4	
3	SPEED QUEEN	SCT060VC0V	WASHER-EXTRACTOR	8	
4	SPEED QUEEN	SCT040VC0V	WASHER-EXTRACTOR	12	
5	SPEED QUEEN	SCT020VC0V	WASHER-EXTRACTOR	8	
6	SPEED QUEEN	STT45N	STACK TUMBLER	9	
7	SPEED QUEEN	ST075NV	TUMBLER	5	
8	SPEED QUEEN	STT30N	STACK TUMBLER	6	
TOTALS				592.0A	

DRAIN OUTLET SIZE

MODEL	MACHINE DRAIN OUTLET	ESTIMATED DRAIN LINE FOR EACH BULKHEAD
SCT100VC0V	3"	
SCT080VC0V	3"	
SCT060VC0V	3"	
SCT040VC0V	3"	
SCT020VC0V	3"	TROUGH DRAINS

IMPORTANT!: MACHINE MUST BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.

IMPORTANT!: THE ESTIMATED DRAIN LINE FOR EACH BULKHEAD IS BASED ON THE DRAIN FLOW CAPACITY OF EACH MACHINE, AND ONLY TAKES INTO ACCOUNT THE LAUNDRY EQUIPMENT REQUIREMENTS. WHEN CONDUCTING FINAL SIZING OF THE OUTGOING SEWER LINE, A PROFESSIONAL SHOULD BE CONSULTED AS FIGURES MAY VARY BASED ON LOCAL CODE REGULATIONS, DISTANCE AND CONFIGURATION OF PLUMBING, AND OTHER SEWER REQUIREMENTS FROM NON-LAUNDRY FIXTURES.

GAS INLET SIZE

MODEL	OPERATING PRESSURE (WC)	GAS TYPE	MAX INPUT BTU / HOUR	CONNECTION SIZE	ESTIMATED GAS SUPPLY LINE
STT45N	7"±1.5"	NATURAL	190000	1/2"	
ST075NV	7"±1.5"	NATURAL	150000	1/2"	
STT30N	7"±1.5"	NATURAL	146000	1/2"	4"
TOTAL			3336000		

NOTE: IT IS IMPORTANT THAT EQUAL PRESSURE BE MAINTAINED AT ALL TUMBLE DRYER GAS CONNECTIONS. THIS CAN BE DONE BY INSTALLING A 1" (25.4mm) PIPE GAS LOOP TO MAINTAIN EQUAL PRESSURE AT ALL GAS CONNECTIONS.

IMPORTANT!: THE ESTIMATED GAS SUPPLY LINE SIZE IS BASED ON A 0.5 PSI (0.04 bar) SUPPLY SYSTEM, AND 60' (18m) LENGTH OF PIPE, AND ONLY TAKES INTO ACCOUNT THE LAUNDRY EQUIPMENT REQUIREMENTS. WHEN CONDUCTING FINAL SIZING OF THE INCOMING GAS LINE, A PROFESSIONAL SHOULD BE CONSULTED AS FIGURES MAY VARY BASED ON SUPPLY SYSTEM SIZE, LOCAL CODE REGULATIONS, DISTANCE AND CONFIGURATION OF PIPING, AND OTHER GAS REQUIREMENTS FROM NON-LAUNDRY FIXTURES.

WATER INLET SUPPLY

MODEL	COLD WATER CONNECTION SIZE	COLD WATER OPTIMUM PRESSURE MIN.	COLD WATER OPTIMUM PRESSURE MAX.	HOT WATER CONNECTION SIZE	HOT WATER OPTIMUM PRESSURE MIN.	HOT WATER OPTIMUM PRESSURE MAX.	AVERAGE HOT WATER USAGE IN GALLONS/CYCLE	MAXIMUM VALVE FLOW GALLONS/MINUTE COLD	MAXIMUM VALVE FLOW GALLONS/MINUTE HOT	REQUIRED LINE SIZE TO SUPPLY MACHINE COLD	REQUIRED LINE SIZE TO SUPPLY MACHINE HOT	ESTIMATED WATER LINE SUPPLY SIZE COLD	ESTIMATED WATER LINE SUPPLY SIZE HOT
SCT100VC0V	3/4	30lbs	80lbs	3/4	30lbs	80lbs	19	11.5	11.5	3/4"	3/4"		
SCT080VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	16.4	11.5	11.5	3/4"	3/4"		
SCT060VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	11.8	9.3	9.3	3/4"	3/4"		
SCT040VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	9.6	5.3	5.3	3/4"	3/4"		
SCT020VC0V	3/4	30lbs	85lbs	3/4	30lbs	85lbs	5.0	5.3	5.3	3/4"	3/4"	2 1/2"	2 1/2"

NOTE: THE AVERAGE HOT WATER PER CYCLE FIGURE IS PER MACHINE, AND WAS CALCULATED BASED ON 60 PSI OPERATING PRESSURE. ALL HOT WATER USAGE FIGURES ARE ESTIMATED, ACTUAL CONSUMPTION FIGURES WILL VARY DEPENDING ON LOCAL WATER PRESSURES, EQUIPMENT CONDITION, NUMBER OF CYCLES, CYCLE TIMES SELECTED, LOAD SIZES AND THE TYPE OF MATERIALS PROCESSED.

IMPORTANT!: THE ESTIMATED WATER LINE SUPPLY SIZE IS BASED ON OPTIMUM WATER PRESSURE, AND ONLY TAKES INTO ACCOUNT THE LAUNDRY EQUIPMENT REQUIREMENTS. WHEN CONDUCTING FINAL SIZING OF THE INCOMING WATER LINE, A PROFESSIONAL SHOULD BE CONSULTED AS FIGURES MAY VARY BASED ON WATER PRESSURE AVAILABILITY, PLUMBING REGULATION REQUIREMENTS, DISTANCE AND CONFIGURATION OF PIPING, AND OTHER WATER REQUIREMENTS FOR NON-LAUNDRY FIXTURES.

ELECTRICAL REQUIREMENTS

MODEL	VOLTAGE/CYCLE/PHASE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE AWG (mm)
SCT100VC0V	200–240/50–60/1ø	16A	20A	12[4]
SCT080VC0V	200–240/50–60/1ø	15A	20A	12[4]
SCT060VC0V	200–240/50–60/1ø	11A	15A	14[2.5]
SCT040VC0V	200–240/50–60/1ø	7A	15A	14[2.5]
SCT020VC0V	200–240/50–60/1ø	4A	15A	14[2.5]
STT45N	200–240/50–60/1ø	12A	15A	14[2.5]
ST075NV	120/50–60/1ø	12A	15A	14[2.5]
STT30N	120/50–60/1ø	16A	20A	12[4]
TOTALS		592.0A		

NOTE: ELECTRICAL RATINGS ARE SUBJECT TO CHANGE WITHOUT NOTICE. REFER TO SERIAL PLATE FOR ELECTRICAL RATINGS INFORMATION SPECIFIC TO YOUR MACHINE.

NOTE: ELECTRIC HEATED STACK DRYER AND STACK 30 TUMBLE DRYER FULL LOAD AMPS AND CIRCUIT BREAKERS ARE SHOWN PER POCKET. PLEASE CONSULT INSTALLATION MANUAL FOR SPECIFICATIONS.

IMPORTANT!: FOR PERSONAL SAFETY AND PROPER OPERATION, THE MACHINE MUST BE GROUNDED IN ACCORDANCE WITH STATE AND LOCAL CODES.

NOTE: CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICIAN. REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR MORE DETAILS AND ELECTRICAL REQUIREMENTS.

DYNAMIC LOAD SPECIFICATIONS

MODEL	STATIC LOAD, LBS/SF	DYNAMIC LOAD, LBS/SF	MAXIMUM DYNAMIC LOAD, LBS/F	DYNAMIC LOAD FREQUENCY IN
SCT100VC0V	149	149	4330	9.5
SCT080VC0V	140	149	4330	10.4
SCT060VC0V	105	143	2770	11.4
SCT040VC0V	98	119	1820	12.2
SCT020VC0V	97	96	805	13.7

IMPORTANT!: THOROUGHNESS OF DETAIL MUST BE STRESSED WITH ALL FOUNDATION WORK TO ENSURE A STABLE UNIT INSTALLATION, ELIMINATING POSSIBILITIES OF EXCESSIVE VIBRATION DURING EXTRACT. REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR MORE DETAILS.

EXHAUST/VENT OUTLET SIZE

MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
STT45N	10"	1200 cfm	9x98 sq in
ST075NV	8"	800 cfm	9x63 sq in
STT30N	8"	800 cfm	6x63 sq in

PROVIDE A MINIMUM 47.5 SQ FT OF MAKE-UP AIR OPENING FOR ALL DRYERS.

NOTE: THE MAKE-UP AIR IS SIZED BASED ON A LOUVERED INSTALLATION. AN ADDITIONAL 40% HAS BEEN ADDED DUE TO POSSIBLE AIR FLOW RESTRICTIONS.

NOTE: THIS FIGURE IS CALCULATED BASED ONLY ON THE DRYERS. OTHER GRAVITY VENTED APPLIANCES PRESENT WILL REQUIRE THE MAKE-UP AIR OPENING(S) TO BE INCREASED SUFFICIENTLY TO PREVENT DOWNDRAFTS IN ANY OF THE VENTS.

Speed Queen®
The Proven Performer in Laundry

PROJECT:
LAUNDRY BASKET

PROJECT NUMBER:
LDR-11406

AREA:
3490

EQUIPMENT DISTRIBUTOR:
Alliance Laundry
1 Shepard Street
Ripon, WI, 54971

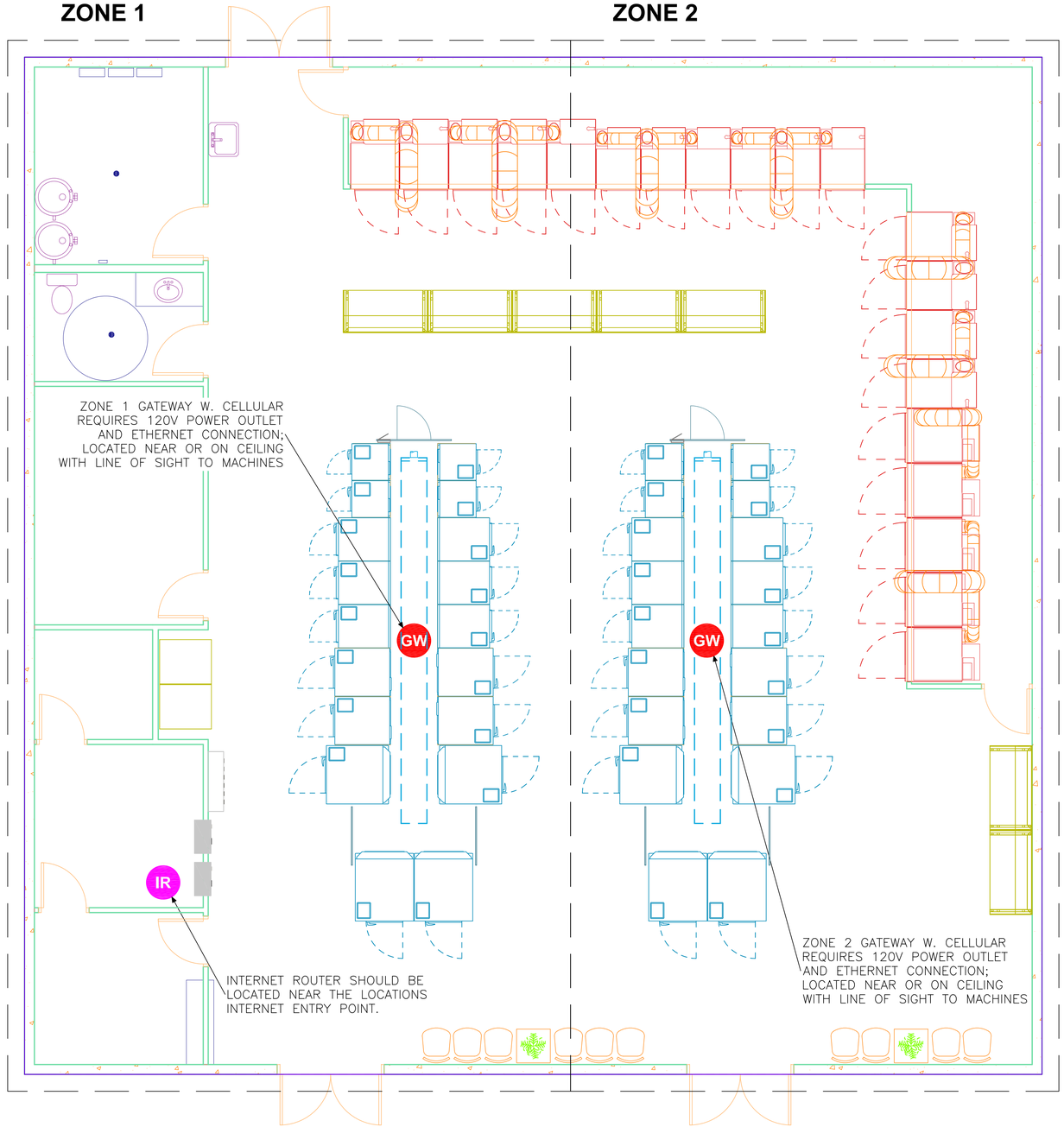
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SRJ

TITLE OF SHEET:
UTILITY SPECIFICATIONS

SHEET NUMBER:
SHEET 3 OF 5

DATE:
20-Aug-25

NOT FOR CONSTRUCTION PURPOSES.
Equipment specifications are subject to change without notice. Please see equipment installation manuals for updated equipment installation requirements.



EQUIPMENT NEEDED:

- MACHINES WITH NETWORK BOARDS OR BUILT–IN CONNECTIVITY
- GATEWAY KIT(S)
- NETWORK SWITCH (FOR LOCATIONS WITH THREE OR MORE CELLULAR GATEWAYS)
- USB IR INTERFACE KIT
- ANDROID 6.0 (MARSHMALLOW) WITH INTERNET CONNECTION OR SPEED QUEEN QUANTUM PC SOFTWARE
- THE FACILITY MUST HAVE INTERNET ACCESS

GW **GATEWAY**

IR **INTERNET ROUTER**

NOTE:
GATEWAYS SHOULD NOT BE NEAR OTHER ELECTRICAL DEVICES (MICROWAVES, TVS, ETC.) AND SHOULD NOT BE PLACED BEHIND WALLS OR METAL BARRIERS. MAKE SURE ANTENNAS ARE POINTED DOWN IN DIFFERENT DIRECTIONS.

NOTE:
FOR 3 OR MORE GATEWAYS, A SINGLE ETHERNET CABLE SHOULD BE RUN FROM THE INTERNET ROUTER TO THE NETWORK SWITCH. FROM THE NETWORK SWITCH, ETHERNET CABLES WILL BE RUN TO GATEWAYS.

NOTE:
ETHERNET CONNECTION IS RECOMMENDED WHEREVER POSSIBLE FOR MAXIMUM RELIABILITY. FOR OPTIMAL PERFORMANCE, A BROADBAND INTERNET CONNECTION SPEED OF 10Mbps IS REQUIRED.

PRO TIP:
IT IS HIGHLY RECOMMENDED TO PUT THE GATEWAY POWER OUTLETS ON A SWITCH OR WI–FI SMART PLUG TO MAKE POWER CYCLING EASY.

PLEASE CONTACT SOFTWARE SUPPORT FOR QUESTIONS.
EMAIL SOFTWARESUPPORT@ALLIANCELS.COM OR CALL 1-844-241-5519.

SPEED QUEEN®
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Speed Queen®
The Proven Performer in Laundry

PROJECT:
LAUNDRY BASKET

PROJECT NUMBER:
LDR-11406

AREA:
3490

EQUIPMENT DISTRIBUTOR:
Alliance Laundry
1 Shepard Street
Ripon, WI, 54971

DRAWN BY:
SRJ

TITLE OF SHEET:
NETWORKING SPECIFICATIONS

SHEET NUMBER:
SHEET 4 OF 5

DATE:
20-Aug-25

NOT FOR CONSTRUCTION PURPOSES. Equipment specifications are subject to change without notice. Please see equipment installation manuals for updated equipment installation requirements.

H.V.A.C. NOTE

A LICENSED HEATING, VENTING AND AIR CONDITIONING (HVAC) FIRM SHOULD BE CONSULTED TO ENSURE A PROPER VENTING SYSTEMS IS INSTALLED. IMPROPERLY SIZED OR INSTALLED EXHAUST DUCTWORK CAN CREATE EXCESSIVE BACK PRESSURE WHICH RESULTS IN SLOW DRYING, INCREASE USE OF ENERGY, OVERHEATING OF DRYER AND CAN CREATE A POTENTIAL FIRE HAZARD.

MATERIALS REQUIRED (GAS)

(OBTAIN MATERIALS REQUIRED LOCALLY)

- FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER ON 1 PHASE MODELS. CIRCUIT BREAKER ON 3 PHASE MODELS.
- ONE GAS SHUT–OFF VALVE FOR GAS SERVICE LINE TO EACH TUMBLE DRYER.

GAS NOTES

- OBTAIN SPECIFIC GAS SERVICE PIPE SIZE FROM GAS SUPPLIER. REFER TO INSTALLATION/MAINTENANCE MANUAL FOR GENERAL PIPE SIZE.
- SEDIMENT TRAPS, SHUT–OFF VALVES, AND SUPPLY PRESSURE TAPS MUST BE FURNISHED BY THE CUSTOMER FOR THE GAS SERVICE LINE TO EACH TUMBLE DRYER.
- IT IS IMPORTANT THAT EQUAL PRESSURE BE MAINTAINED AT ALL TUMBLE DRYER GAS CONNECTIONS. THIS CAN BE DONE BY INSTALLING A 1" (25.4mm) PIPE GAS LOOP TO MAINTAIN EQUAL PRESSURE AT ALL GAS CONNECTIONS.
- AN IN–LINE PRESSURE REGULATOR MAY BE REQUIRED IF THE LINE PRESSURE EXCEEDS 10.5 W.C.I. (26.1mbar, 2.61kPa) WITH ALL GAS APPLIANCES RUNNING.
- FOR PROPER OPERATION AT ALTITUDES ABOVE 2000' (610m), THE GAS BURNER ORIFICE SIZE MUST BE REDUCED TO ENSURE COMPLETE COMBUSTION.
- REFER TO INSTALLATION/MAINTENANCE MANUAL FOR COMPLETE INSTALLATION PROCEDURES AND GAS REQUIREMENT INFORMATION.

EXHAUST NOTES

- WHENEVER POSSIBLE, INSTALL TUMBLE DRYERS ALONG AN OUTSIDE WALL WHERE DUCT LENGTH CAN BE KEPT TO A MINIMUM, AND MAKE–UP AIR CAN BE EASILY ACCESSED. CONSTRUCTION MUST NOT BLOCK THE AIRFLOW AT THE REAR OF THE TUMBLE DRYER. DOING SO WOULD PREVENT ADEQUATE AIR SUPPLY TO THE TUMBLE DRYER COMBUSTION CHAMBER.
- MAKE–UP AIR OPENINGS IN ROOMS CONTAINING TUMBLE DRYERS AND/OR GAS FIRED HOT WATER HEATERS OR OTHER GRAVITY VENTED APPLIANCES MUST BE INCREASED SUFFICIENTLY TO PREVENT DOWNDRAFTS IN ANY VENTS WHEN ALL TUMBLE DRYERS ARE IN OPERATION.
- DO NOT LOCATE GRAVITY VENTED APPLIANCES BETWEEN TUMBLE DRYERS AND MAKE–UP AIR OPENINGS. IF IT IS NECESSARY TO DUCT MAKE–UP AIR TO TUMBLE DRYERS, INCREASE AREA OF DUCT WORK BY 25% TO COMPENSATE FOR RESTRICTIONS IN AIR MOVEMENT.
- FOR MAXIMUM EFFICIENCY AND MINIMUM LINT ACCUMULATION, TUMBLE DRYER AIR MUST BE EXHAUSTED TO THE OUTDOORS BY THE SHORTEST POSSIBLE ROUTE.
- PROPER SIZED EXHAUST DUCTS ARE ESSENTIAL FOR PROPER OPERATION. ALL ELBOWS SHOULD BE SWEEP TYPE. EXHAUST DUCTS MUST BE ASSEMBLED SO THE INTERIOR SURFACES ARE SMOOTH, SO THE JOINTS DO NOT PERMIT THE ACCUMULATION OF LINT.
- THE MAXIMUM ALLOWABLE LENGTH VENTING IS 14' (4.3m) AND TWO 90° ELBOWS OR EQUIVALENT. IF THE EQUIVALENT LENGTH OF DUCT WORK REQUIRED FOR AN INSTALLATION EXCEEDS THE MAXIMUM ALLOWABLE LENGTH, THE DIAMETER OF A ROUND DUCT MUST BE INCREASE BY 10% FOR EACH ADDITIONAL 20' (6.1m). CROSS SECTION AREA OF A RECTANGULAR DUCT MUST BE INCREASED BY 20% FOR EACH ADDITIONAL 20' (6.1m).

DRYER ENCLOSURE NOTE

IT IS GENERALLY DESIRABLE TO ENCLOSE THE TUMBLE DRYERS TO SEGREGATE THE MAKE–UP AIR SUPPLY, ESPECIALLY IF THE LAUNDRY ROOM IS AIR CONDITIONED OR HAS SOME SORT OF ENVIRONMENTAL CONTROL. TUMBLE DRYER ENCLOSURES PROVIDE (2) SIGNIFICANT BENEFITS:

- THE TUMBLE DRYERS DO NOT USE CONDITIONED ROOM AIR FOR COMBUSTION MAKE–UP AIR. THIS MAKES OPERATING BOTH THE ENVIRONMENTAL SYSTEM AND THE TUMBLE DRYERS LESS EXPENSIVE BECAUSE AIR THAT IS COOLED TO 75°F (24°C) IS NOT TAKEN FROM THE ROOM AND REHEATED TO 160°–180°F (71–82°C).
- HEAT EMISSIONS FROM THE TUMBLE DRYERS ARE REDUCED UP TO 80%. EACH EXPOSED FACE WILL EMIT 2% OF THE RATED BTU INPUT. IF A TUMBLE DRYER IS NOT ENCLOSED, THERE ARE FIVES FACES EXPOSED, SO THE HEAT EMITTED IS 5 x 0.02 x RATED BTU INPUT, OR 10%. IF ENCLOSED, ONLY ONE FACE IS EXPOSED.

ELECTRICAL NOTES

- ELECTRICAL CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICIAN USING DATA ON A SERIAL PLATE, INSTALLATION MANUALS AND WIRING DIAGRAMS PROVIDED WITH MACHINE AND ACCORDING TO LOCAL CODES.
- INSTALL A CIRCUIT BREAKER AS CLOSE TO THE TUMBLE DRYER AS POSSIBLE. IF MORE THAN ONE TUMBLE DRYER IS BEING INSTALLED, A CIRCUIT BREAKER MUST BE PROVIDED FOR EACH.
- CONNECT MACHINE TO AN INDIVIDUAL BRANCH CIRCUIT NOT SHARED WITH LIGHTING OR OTHER EQUIPMENT.
- FOR 3 PHASE MACHINES ONLY – DO NOT USE FUSES TO AVOID THE POSSIBILITY OF "SINGLE PHASING" AND CAUSING PREMATURE FAILURE OF THE MOTORS.
- THE TUMBLE DRYER MUST BE GROUNDED. THE TUMBLE DRYER MUST BE CONNECTED TO A GROUNDED METAL, PERMANENT WIRING SYSTEM; OR AN EQUIPMENT GROUNDING CONDUCTOR MUST BE RUN WITH THE CIRCUIT CONDUCTORS AND CONNECTED TO APPROPRIATE GROUND LOCATION.

FOR T30 AND T45 TUMBLE DRYERS ONLY:

- ALL GAS AND STEAM TUMBLE DRYERS REQUIRE A SINGLE SERVICE CONNECTION TO TB1 OF THE UPPER UNIT JUNCTION BOX ONLY. THE SERIAL PLATE REFLECTS CURRENT DRAW, BREAKER/FUSE SIZE AND CONDUCTOR AMPERAGE REQUIRED FOR THE ENTIRE MACHINE.
- ALL ELECTRIC TUMBLE DRYERS REQUIRE SEPARATE SERVICE CONNECTIONS FOR UPPER AND LOWER UNIT. SERIAL PLATE RATINGS REFLECT CURRENT DRAW, BREAKER/FUSE SIZE AND CONDUCTOR AMPERAGE REQUIRED PER UNIT.

FOUNDATION REQUIREMENTS

- A MINIMUM 3500 PSI (REFER TO RATING PER SUPPLIER) REINFORCED CONCRETE SET ON A PREPARED BED IS REQUIRED FOR ALL NEW MACHINE INSTALLATIONS.
- DO NOT MOUNT ON METAL BASE FRAMES, WOODEN FLOORS, TILE FLOORS, ELEVATED FLOOR LEVELS, OR OVER BASEMENTS OR CRAWL SPACES BECAUSE OF THE HIGH EXTRACT SPEED AND THE G–FORCES EXERTED. FOR 80 POUND MODELS AND LARGER, DO NOT MOUNT ON METAL BASE FRAMERS.
- FOR NEW FOUNDATIONS A MOUNTING BOLT TEMPLATE OR AN ELEVATED METAL BASE FRAME IS AVAILABLE AT EXTRA COST. FOR ALL INSTALLATIONS A CONCRETE HARDWARE KIT IS AVAILABLE AT EXTRA COST.
- THE MACHINE MUST BE ANCHORED TO A SMOOTH LEVEL SURFACE SO THAT THE ENTIRE BASE OF THE MACHINE IS SUPPORTED AND RESTS ON THE MOUNTING SURFACE.
- IMPORTANT: DO NOT PERMANENTLY SUPPORT THE MACHINE ON ONLY FOUR POINTS WITH SPACERS. GROUTING IS REQUIRED AND SPACERS MUST BE REMOVED.
- DO NOT ISOLATE THE PAD. THIS TYPE OF INSTALLATION IS NOT RECOMMENDED. INSTALLER MUST CONSULT A STRUCTURAL ENGINEER FOR CONCRETE SPECIFICATIONS AND REQUIREMENTS FOR INSTALLATIONS THAT WILL NOT BE TIED INTO ADJACENT FOUNDATIONS.
- THOROUGHNESS OF DETAIL MUST BE STRESSED WITH ALL FOUNDATION WORK TO ENSURE A STABLE UNIT INSTALLATION, ELIMINATING POSSIBILITIES OF EXCESSIVE VIBRATION DURING EXTRACT.
- REFER TO INSTALLATION MANUAL FOR COMPLETE INSTALLATION PROCEDURES AND FOUNDATION REQUIREMENTS.

WATER CONNECTION NOTES

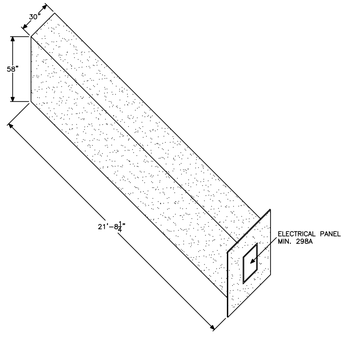
- THE MAXIMUM WATER INLET TEMPERATURE FOR VENDED MODELS IS 125°F (51°C) AND THE RECOMMENDED MAXIMUM WATER INLET TEMPERATURE FOR ON–PREMISES MODELS IS 150°F (66°C) (STANDARD MODELS) OR 140°F (60°C) (WRAS APPROVED MODELS).
- CONNECTIONS SHOULD BE SUPPLIED BY A HOT AND A COLD WATER LINES OF AT LEAST THE SIZES SHOWN IN THE INSTALLATION MANUAL. INSTALLATION OF ADDITIONAL MACHINES WILL REQUIRE PROPORTIONATELY LARGER WATER LINES.
- IF ADDITIONAL HOSE LENGTHS ARE NEEDED OR USING HOSES OTHER THAN THOSE SUPPLIED BY MANUFACTURER, FLEXIBLE HOSES WITH SCREEN FILTERS ARE REQUIRED.
- ALLIANCE LAUNDRY SYSTEMS, LLC RANGES OF FRONT LOADING COMMERCIAL CLOTHES WASHING MACHINES HAVE SOLENOID VALVES AT THE INLETS. THE WATER SUPPLY TO THE WASHING MACHINES IS SUPPLIED WITH AN AB AIR GAP BETWEEN THE SOAP TRAY AND THE DRUM. MINIMUM AND MAXIMUM WORKING PRESSURE 1.4 bar AND 8.3 bar. THE MACHINES ARE SUPPLIED WITH APPROVED INLET HOSES WITH A MAXIMUM INLET DIMENSION OF 0.50" (15mm) (ID).
- NOTE: THE MACHINE HAS A FLUID CATEGORY 5 BACKFLOW PREVENTION DEVICE BUILT IN BETWEEN THE SOAP TRAY AND DRUM.
- NOTE: NO MORE THAN TWO WATER CONNECTION HOSES SHOULD BE USED ON WRAS–APPROVED MODELS.
- REFER TO INSTALLATION MANUAL FOR COMPLETE INSTALLATION PROCEDURES AND WATER CONNECTION REQUIREMENTS.

DRAIN CONNECTION NOTES

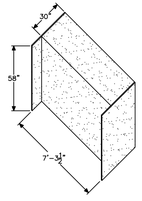
- IMPORTANT: MACHINES MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
- ALL DRAIN SYSTEMS MUST BE VENTED TO PREVENT AIR LOCK AND TO PREVENT SIPHONING.
- USE THE SUPPLIED BLACK RUBBER ADAPTER AND CLAMPS TO TRANSITION FROM THE MACHINE DRAIN OUTLET TO THE 2" (51mm) SCHEDULE 40 PVC PLUMBING (20 AND 30 MODELS) AND THE 3" (76mm) SCHEDULE 40 PVC PLUMBING (40–100 MODELS).
- REFER TO INSTALLATION MANUAL FOR COMPLETE INSTALLATION PROCEDURES AND DRAIN REQUIREMENTS.

ELECTRICAL NOTES

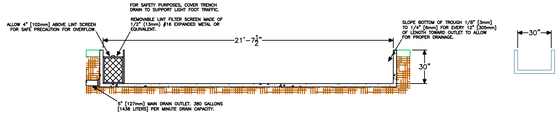
- IMPORTANT: ELECTRICAL RATINGS ARE SUBJECT TO CHANGE. REFER TO THE SERIAL DECAL FOR ELECTRICAL RATINGS INFORMATION SPECIFIC TO YOUR MACHINES.
- ELECTRICAL CONNECTIONS ARE MADE AT THE REAR OF THE MACHINE. THE MACHINE MUST BE CONNECTED TO THE PROPER ELECTRICAL SUPPLY SHOWN ON THE IDENTIFICATION PLATE ATTACHED TO THE REAR OF THE MACHINE, USING COPPER CONDUCTORS ONLY.
- MACHINES ARE EQUIPPED WITH AC INVERTER DRIVES REQUIRING A CLEAN POWER SUPPLY, FREE FROM VOLTAGE SPIKES AND SURGES. USE VOLTAGE MONITOR TO CHECK INCOMING POWER.
- SINGLE–PHASE MACHINES REQUIRE A SINGLE–PHASE INVERSE–TIME CIRCUIT BREAKER. THREE–PHASE MACHINES AND V–SPEED MACHINES REQUIRE A SEPARATE, THREE–PHASE INVERSE–TIME CIRCUIT BREAKER TO PREVENT DAMAGE TO THE MOTOR BY DISCONNECTING ALL LEGS IF ONE SHOULD BE LOST ACCIDENTALLY. REFER TO INSTALLATION MANUAL FOR MODEL SPECIFIC CIRCUIT BREAKER REQUIREMENTS.
- IMPORTANT: ALL QUICK DISCONNECTS SHOULD COMPLY WITH THE SPECIFICATIONS. DO NOT USE FUSES INSTEAD OF CIRCUIT BREAKERS.
- IMPORTANT: CONNECTION MUST BE MADE BY A QUALIFIED ELECTRICIAN USING WIRING DIAGRAM PROVIDED WITH MACHINE, OR ACCORDING TO ACCEPTED EUROPEAN UNION STANDARDS.
- CONNECT MACHINE TO AN INDIVIDUAL BRANCH CIRCUIT NOT SHARED WITH LIGHTING OR OTHER EQUIPMENT.
- FOR PERSONAL SAFETY AND PROPER OPERATION, THE MACHINE MUST BE GROUNDED IN ACCORDANCE WITH STATE AND LOCAL CODES. IF SUCH CODES ARE NOT AVAILABLE, GROUNDING MUST CONFORM TO THE NATIONAL ELECTRICAL CODE, ARTICLE 250 (CURRENT EDITION). THE GROUND CONNECTION MUST BE MADE TO A PROVEN EARTH GROUND, NOT TO CONDUIT OR WATER PIPES.



B1 BULKHEADS 1 & 2
WASHER BANKS 1, 2 3 & 4



B2 BULKHEADS 3 & 4
WASHER BANKS 5 & 6



TD1 TROUGH DRAIN 1
WASHER BANKS 1, 2, 3, 4, 5 & 6

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PROJECT:
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PROJECT NUMBER:
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AREA:
3490

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1 Shepard Street
Ripon, WI, 54971

DRAWN BY:
SRJ

TITLE OF SHEET:
BULKHEAD DETAILS & NOTES

SHEET NUMBER:
SHEET 5 OF 5

DATE:
20-Aug-25

NOT FOR CONSTRUCTION PURPOSES. Equipment specifications are subject to change without notice. Please see equipment installation manuals for updated equipment installation requirements.