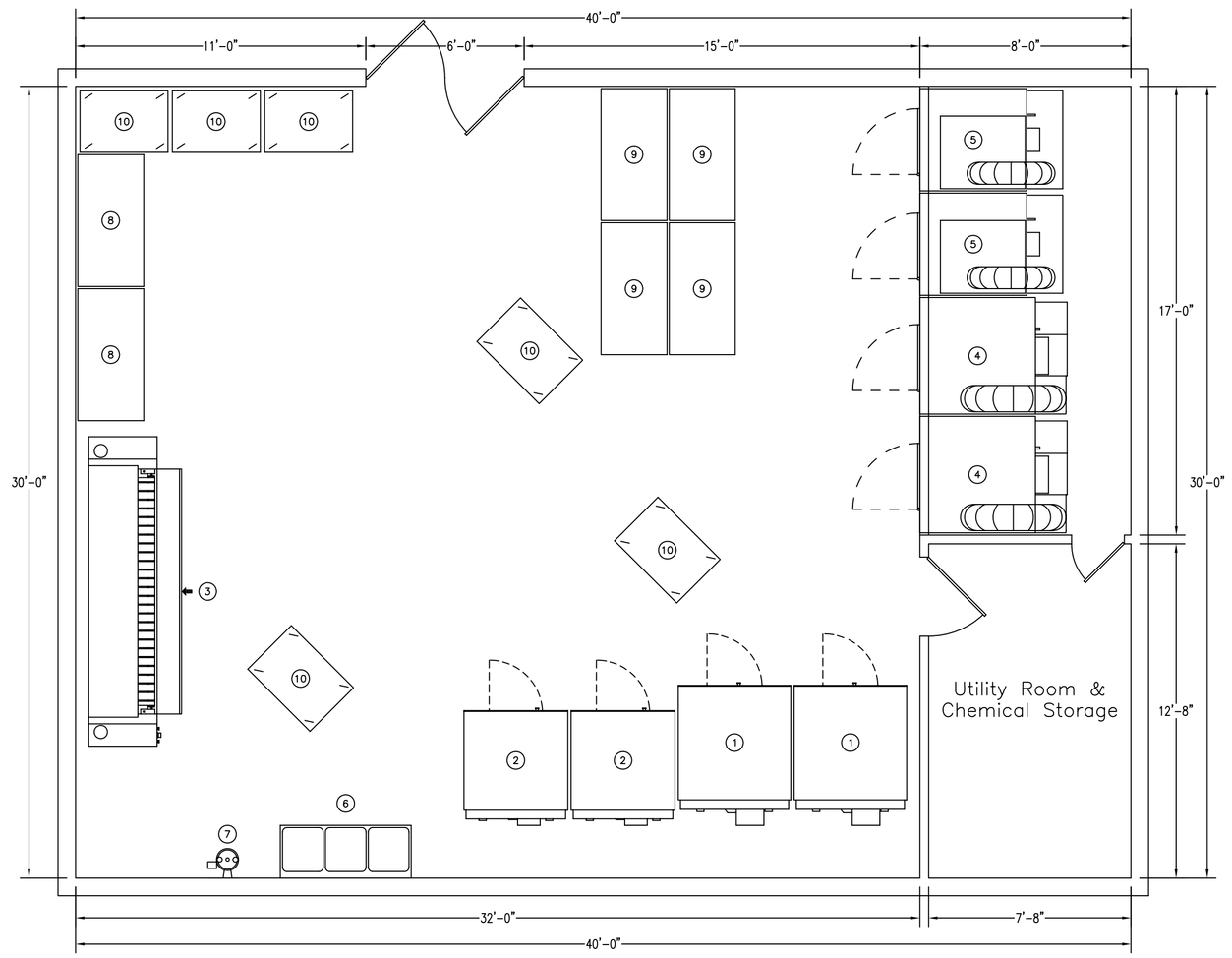


EQUIPMENT LIST

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY.	FUTURE
1	IPSO	IHF165ANH	WASHER-EXTRACTOR	2	
2	IPSO	IHF100ANH	WASHER-EXTRACTOR	2	
3	UNIMAC	UD20F098G	FINISHER	1	
4	IPSO	IT170N	TUMBLER	2	
5	IPSO	IT120N	TUMBLER	2	
6	N/A	N/A	SOAK SINK	1	
7	N/A	N/A	EYEWASH	1	
8	N/A	N/A	SORTING TABLE	2	
9	N/A	N/A	FOLDING TABLE	4	
10	N/A	N/A	LAUNDRY CART	6	

DRAIN REQUIREMENTS

MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD.
IHF165ANH	2 x 3"	6"
IHF100ANH	3"	

DRAIN MUST BE VENTED.
CONSULT PLUMBING CODES FOR LOCAL REQUIREMENTS.

GAS REQUIREMENTS

MODEL	OPERATING PRESSURE (wci)	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	RECOMMENDED SUPPLY LINE
UD20F098G	6.5"±1.5"	NATURAL	187623	1"	2 1/2"
IT170N	6.5"±1.5"	NATURAL	395000	1"	
IT120N	6.5"±1.5"	NATURAL	300000	3/4"	

PROVIDE 1" LOOP TO EQUALIZE GAS PRESSURE.
GAS CONNECTION TO BE PERFORMED BY QUALIFIED TECHNICIAN IN ACCORDANCE WITH LOCAL CODES.

ELECTRICAL REQUIREMENTS

MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
IHF165ANH	208-240/60/3ø	25A	40A	AWG8
IHF100ANH	208-240/60/3ø	17A	25A	AWG10
UD20F098G	110-120/60/1ø	5.1A	15A	3xAWG14
IT170N	208-240/60/3ø	13.5A	20A	AWG12
IT120N	208-240/60/3ø	7.7A	15A	AWG14

ALL MACHINES MUST BE GROUNDED. PROVIDE GROUND SOURCE IN ACCORDANCE WITH CODES.

CONSULT ELECTRICAL CODE FOR LOCAL REQUIREMENTS. USE ONLY 3 POLE CIRCUIT BREAKERS FOR 3ø SERVICE. MANUFACTURERS RECOMMEND PROVIDING 1 CIRCUIT BREAKER FOR EACH MACHINE.

FOR SAFETY PURPOSES, CLEARLY MARKED & EASILY ACCESSIBLE POWER CUTOFF SWITCHES SHOULD BE PROVIDED FOR EACH MACHINE.

DYNAMIC LOAD SPECIFICATIONS

MODEL	STATIC LOAD,LBS	DYNAMIC LOAD LBS	MAXIMUM DYNAMIC LOAD,LBS	DYNAMIC LOAD FREQUENCY Hz
IHF165ANH	310	1301	1301	10.5
IHF100ANH	240	665	665	12.6

* DYNAMIC LOAD FREQUENCY AT HIGHEST FACTORY-PRESET EXTRACT SPEED.

EXHAUST/VENT REQUIREMENTS

MODEL	SIZE	AIR FLOW	MIN. CROSS SECT. AREA ALL MACHINES
UD20F098G	6"	720 cfm	1x45 sq in
IT170N	12"	2450 cfm	2x115 sq in
IT120N	10"	1600 cfm	2x95 sq in

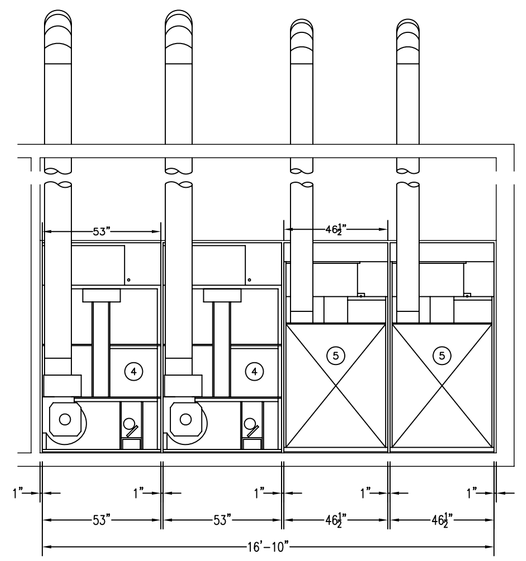
PROVIDE AT LEAST 13.0 SQ FT
OPEN AREA FOR ALL DRYER MAKE-UP AIR SUPPLY.

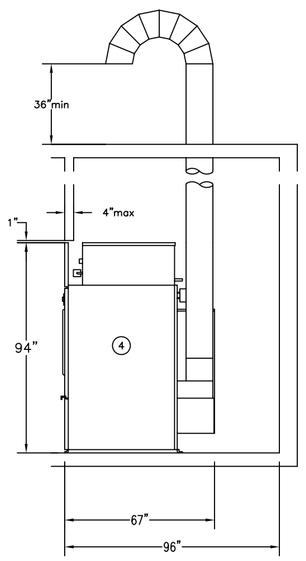
THIS FIGURE DOES NOT INCLUDE MAKE-UP AIR PROVISIONS FOR FINISHERS IF APPLICABLE.

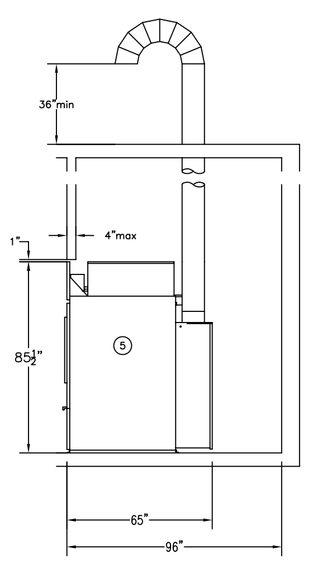
WATER REQUIREMENTS

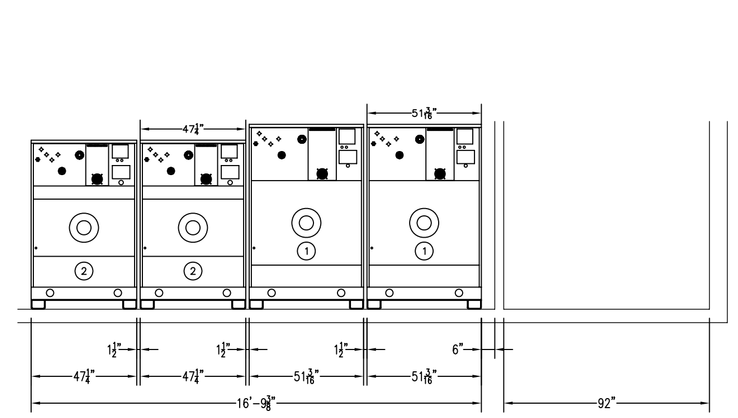
MODEL	COLD WATER CONNECTION SIZE	COLD WATER PRESSURE MIN.	COLD WATER PRESSURE MAX.	HOT WATER CONNECTION SIZE	HOT WATER PRESSURE MIN.	HOT WATER PRESSURE MAX.	AVERAGE HOT WATER USAGE IN GALLONS/HOUR	MAXIMUM LINE FLOW GALLONS/MINUTE COLD	MAXIMUM LINE FLOW GALLONS/MINUTE HOT	RECOMMENDED LINE SIZE TO SUPPLY MACHINE COLD	RECOMMENDED LINE SIZE TO SUPPLY MACHINE HOT	RECOMMENDED LINE SIZE TO SUPPLY ALL MACHINES COLD	RECOMMENDED LINE SIZE TO SUPPLY ALL MACHINES HOT
IHF165ANH	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	234	55	55	1 1/2"	1 1/2"		
IHF100ANH	3/4NH	30lbs	85lbs	3/4NH	30lbs	85lbs	156	55	55	1 1/2"	1 1/2"	2"	2"

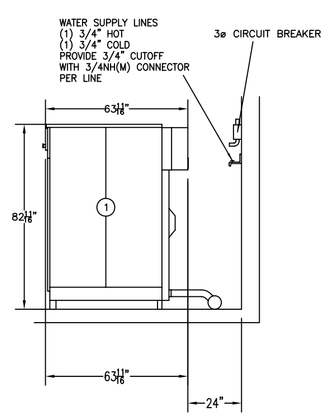
HOT WATER USAGE FIGURES ARE ESTIMATES. ACTUAL CONSUMPTION WILL VARY DEPENDING ON LOCAL CONDITIONS, LOAD SIZES AND MATERIALS PROCESSED.

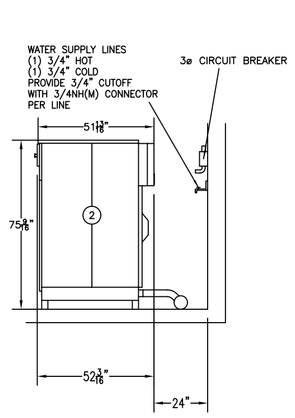












Suggested dryer venting arrangement. Consult dryer technical manuals for detailed information. Provide at least 13.0 sq ft unrestricted open area for dryer make-up air supply.

For safety purposes, readily accessible emergency stop switch(es) can be provided to remove power to all frontload washers.

simply IPSO®

THIS DRAWING IS NOT INTENDED FOR CONSTRUCTION PURPOSES. EQUIPMENT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

NO	REVISION	BY	DATE

Alliance Laundry Systems LLC
P.O. Box 990
Ripon, WI 54971
Phone (920) 748-3121 Fax (920) 748-8456

Alliance Laundry Systems

Ipso OPL Laundry

PROJECT	
DRAWN BY	ESZ
APPROVED BY	
DATE	19January07
SCALE	1/4 in = 1 ft
PROJECT NO.	EXAMPLE
DWG. NO.	EXAMPLE
Sheet	1 OF 1