

NOTE: All tumblers that are to be installed as 208-240/60Hz/1ph will REQUIRE L1, L2, Neutral and ground wire hook-ups.

NOTE: Make-up air opening is to be sized per the manufacturers installation manual. The actual make-up air vent is to be supplied by the General Contractor.

Suggested dryer venting arrangement. Consult dryer technical manuals for detailed information. Provide at least 24.0 sq ft unrestricted open area for dryer bank 1 make-up air supply.

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

NOTE: All non-Alliance equipment is shown for general placement only. For actual installation requirements please refer to the actual manufacturers installation manual.

NOTE: For all ADDITIONAL installation requirements of Alliance Laundry Systems equipment, please refer to the correct manufacturer's installation manual.

NOTE: Electrical sub-panels may be installed in the bulkheads behind the washers. Please contact the project distributor for further information.

ITEM	MANUFACTURER	MODEL	DESCRIPTION	QTY	FRAME
1	IPSO	IHO55VCM	WASHER-EXTRACTOR	2	
2	IPSO	IHO40VCM	WASHER-EXTRACTOR	6	
3	IPSO	IHO30VCM	WASHER-EXTRACTOR	8	
4	IPSO	IHO18VCM	WASHER-EXTRACTOR	4	
5	IPSO	IHO14VCM	WASHER-EXTRACTOR	4	
6	IPSO	ITT45N	STACK TUMBLER	5	
7	IPSO	ITT30N	STACK TUMBLER	5	

MODEL	OPERATING PRESSURE	GAS TYPE	MAX INPUT BTU/HOUR	CONNECTION SIZE	RECOMMENDED SUPPLY LINE
ITT45N	6.5 ± 1.5"	NATURAL	1390000	1/2"	2 1/2"
ITT30N	6.5 ± 1.5"	NATURAL	1146000	1/2"	2 1/2"
TOTAL			1972000		

MODEL	SIZE	AIR FLOW	MIN. GROSS SECT. AREA ALL MACHINES
ITT45N	10"	1200 cfm	5x8 sq in
ITT30N	8"	800 cfm	7x6.5 sq in

PROVIDE AT LEAST 20.7 SQ FT OPEN AREA FOR ALL DRYER MAKE-UP AIR SUPPLY. THIS FIGURE DOES NOT INCLUDE MAKE-UP AIR PROVISIONS FOR FINISHERS IF APPLICABLE.

ELECTRICAL REQUIREMENTS

MODEL	VOLTAGE	FULL LOAD AMP DRAW	CIRCUIT BREAKER	WIRE SIZE
IHO55VCM	208-240/60/3ø	4A	10A	AWG14
IHO40VCM	208-240/60/3ø	3.5A	10A	AWG14
IHO30VCM	208-240/60/3ø	2.5A	10A	AWG14
IHO18VCM	208-240/60/3ø	2.5A	10A	AWG14
IHO14VCM	208-240/60/3ø	2.5A	10A	AWG14
ITT45N	208-240/60/1ø	12A	15A	AWG14
ITT30N	208-240/60/1ø	8A	10A	AWG14
TOTALS	N/A	174A	385A	N/A

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

NOTE: All dryer exhaust venting is to be supplied by the General Contractor.

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

DRAIN REQUIREMENTS

MODEL	REQUIRED MIN. DRAIN LINE FROM MACHINE	REQUIRED MIN. DRAIN LINE FOR EACH BULKHEAD
IHO55VCM	3"	
IHO40VCM	3"	
IHO30VCM	2"	
IHO18VCM	2"	
IHO14VCM	4"	

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

DYNAMIC LOAD SPECIFICATIONS

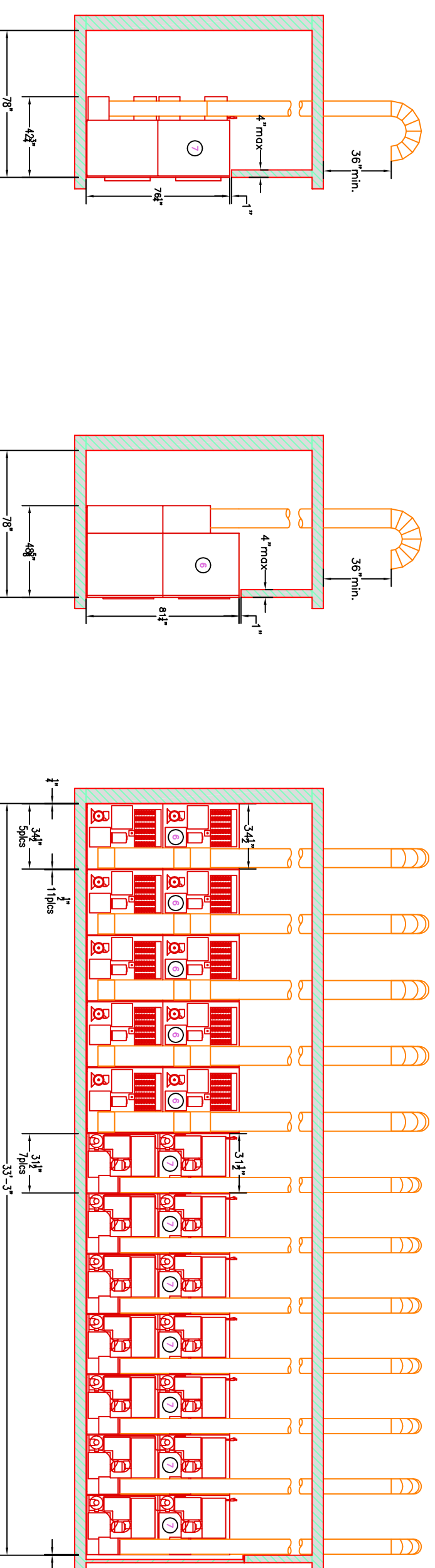
MODEL	STATIC LOAD/BS/PS	DYNAMIC LOAD	MAXIMUM DYNAMIC LOAD/BS/PS	DYNAMIC LOAD PRODUCED/NO
IHO55VCM	88.45	264.76	264.76	7.5
IHO40VCM	69.92	184.63	184.63	7.8
IHO30VCM	49.9	124.62	124.62	8
IHO18VCM	27.59	58.81	58.81	8.8
IHO14VCM	24.56	53.24	53.24	8.8

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

WATER REQUIREMENTS

MODEL	COLD WATER		HOT WATER		AVERAGE HOT WATER CONSUMPTION (GALLONS/CYCLE)	MAXIMUM VALUE FLOW (GPM)	RECOMMENDED LINE SIZE TO SUPPLY ALL MACHINES
	CONNECTION SIZE	PRESSURE (PSI)	CONNECTION SIZE	PRESSURE (PSI)			
IHO55VCM	3/4NH	30lbs	3/4NH	85lbs	20.95	12	1"
IHO40VCM	3/4NH	30lbs	3/4NH	85lbs	17.45	12	1"
IHO30VCM	3/4NH	30lbs	3/4NH	85lbs	14.47	5	3/4"
IHO18VCM	3/4NH	30lbs	3/4NH	85lbs	7.11	5	3/4"
IHO14VCM	3/4NH	30lbs	3/4NH	85lbs	7.7	5	3/4"

HOT WATER USAGE FIGURES ARE ESTIMATES. ACTUAL CONSUMPTION WILL VARY DEPENDING ON LOCAL CONDITIONS. NUMBER OF CYCLES AND CYCLE TIMES SELECTED, LOAD SIZES AND MATERIALS PROCESSED.

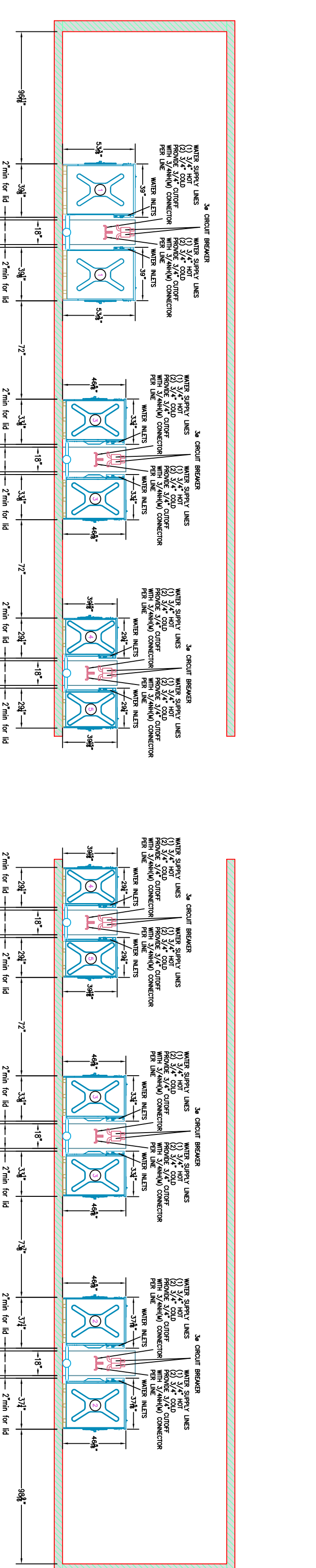


1 Dryer Bank 1
1T705STN Side View

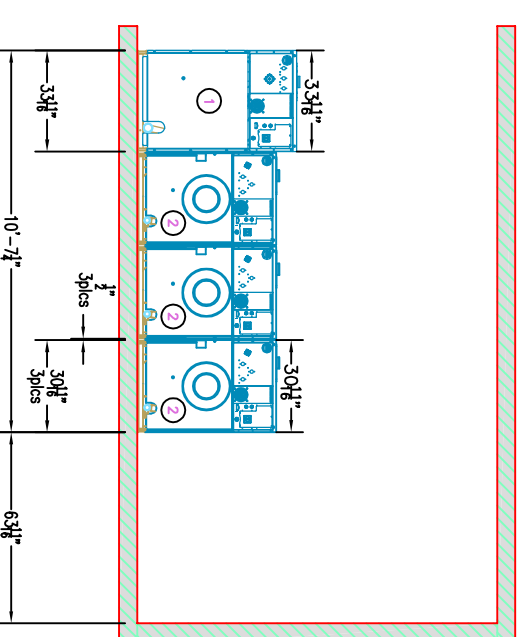
2 Dryer Bank 1
1T45STN Side View

3 Dryer Bank 1
1T45STN & 1T705STN Back Views

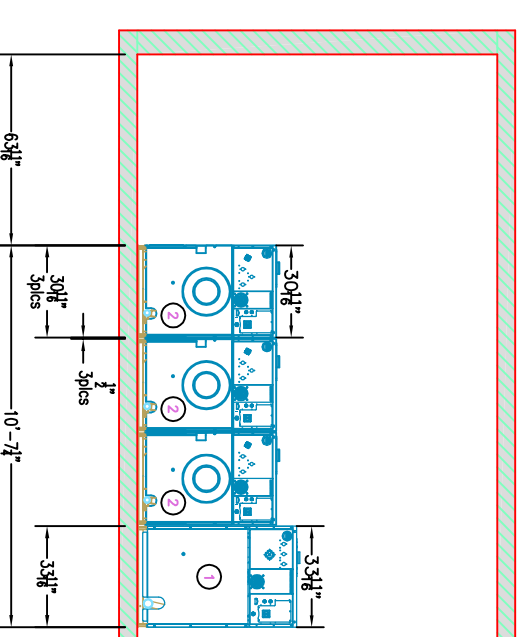
4 Washer Banks 1 & 2, 3 & 4 and 5 & 6
IHO55VCM & IHO30VCM, IHO30VCM & IHO18VCM, IHO18VCM & IHO14VCM Side Views



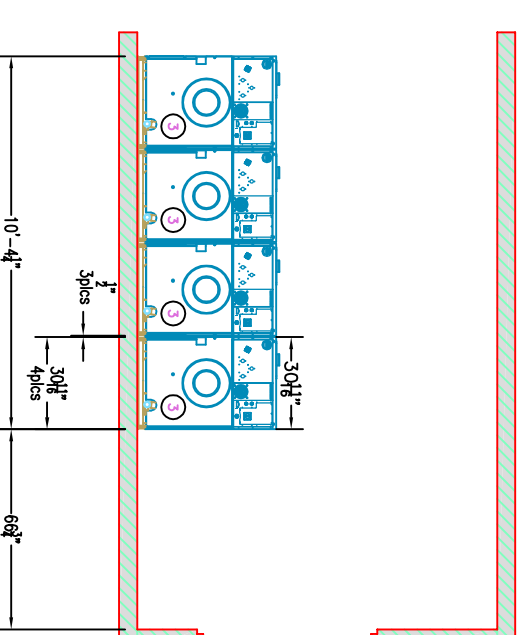
5 Washer Banks 6 & 5, 4 & 3 and 2 & 1
IHO14VCM & IHO18VCM, IHO30VCM & IHO30VCM, IHO40VCM & IHO40VCM Side Views



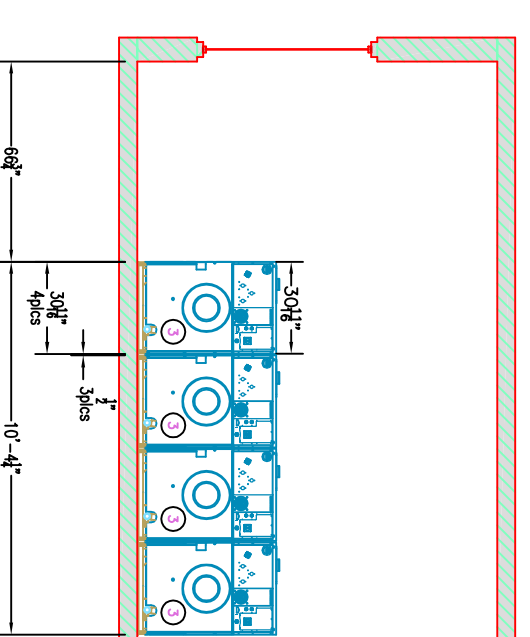
6 Washer Bank 1
IHO55VCM & IHO40VCM Back Views



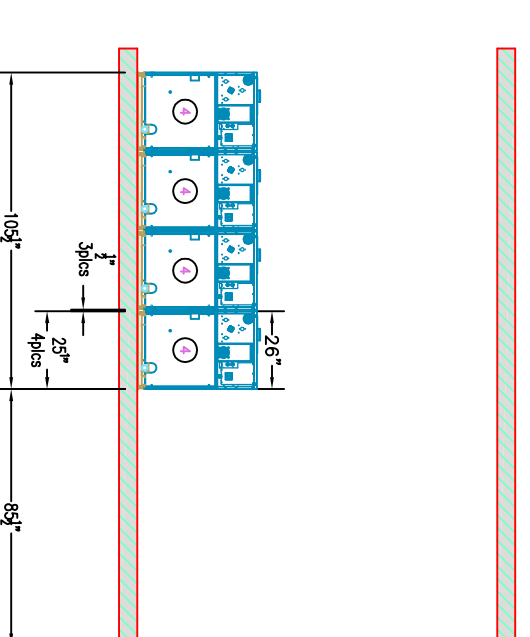
7 Washer Bank 2
IHO40VCM & IHO55VCM Back Views



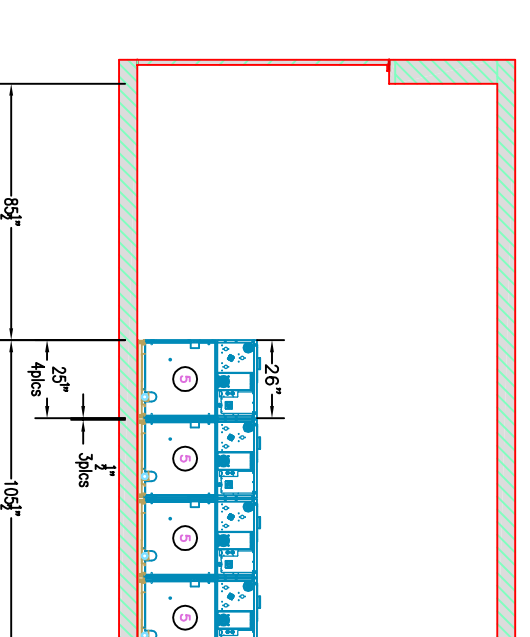
8 Washer Bank 3
IHO30VCM Back Views



9 Washer Bank 4
IHO30VCM Back Views



10 Washer Bank 5
IHO18VCM Back Views



11 Washer Bank 6
IHO14VCM Back Views



Ipsco Coin Laundry Example

Distributor:

Alliance Laundry Systems LLC
119 Shepard Street
Ripon, WI 54971
PH: 920-748-3121
Fax: 920-748-4456

Project No. C13----

Drawn By: ESZ

Dwg. No. C-----

Date 12-Mar-13

This drawing is not intended for construction purposes. Equipment specifications are subject to change without notice.

Alliance Laundry Systems LLC shall not be responsible for any changes made to any of its layouts and/or installation specifications without its prior written approval.

Sheet 1 of 1