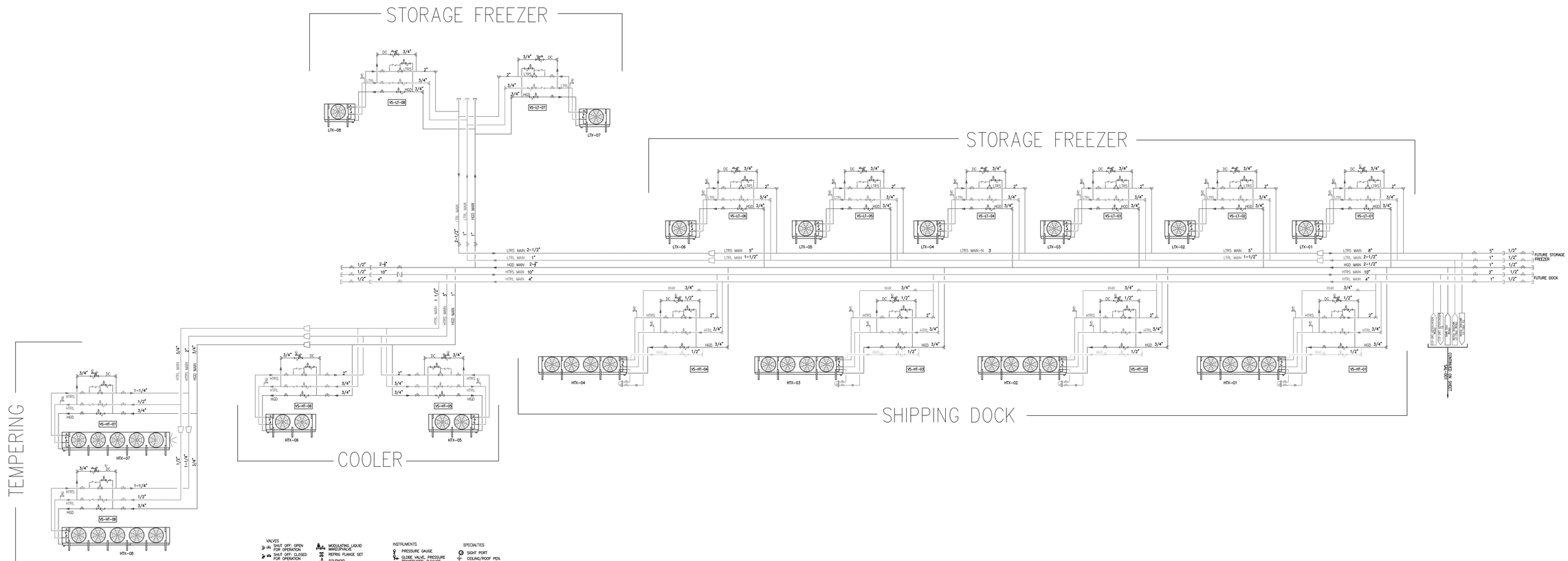

VALVES

- SHUT OFF: OPEN FOR OPERATION
- SHUT OFF: CLOSED FOR OPERATION
- GLOBE BODY HAND EXPANSION
- BALL
- GAUGE VLV, ANG
- GAUGE VLV, GL
- CHECK
- CHECK/PISTON
- GAS POWERED CHECK
- THREE-WAY
- STRAINER
- DO ORIFICE
- DISK: MANUAL
- DISK: MOTORIZED
- DISK: PNEUMATIC
- DISK: PNEUM/PILOT
- CONTROLVALVE PNEUMATIC SERVO
- MODULATING LIQUID MAKEUP/VALVE
- REFRIG FLANGE SET
- SOLENOID
- INLET PRESS REGULATOR
- INLET P.REG w/ELECTRIC SHUT OFF, GAUGE & SGDVLV
- INLET P.REG w/ELECTRIC BYPASS, GAUGE & SGDVLV
- REGULATINOVLV w/ELECTRONIC CONTROL MODULE
- OUTLET P.REG
- OUTLET P.REG w/ELECT BYPASS, (2) SGDVLV & (2) PRESS GGE
- DIFFERENTIAL P.REG
- DIFFERENTIAL P.REG w/ELECTRIC BYPASS
- PRESSURE RELIEF
- DIRECT TO ATMOSPHERE DUAL RELIEF ASSEMBLY
- PIPED TO RELIEF POINT DUAL RELIEF ASSEMBLY

INSTRUMENTS

- PRESSURE GAUGE
- GLOBE VALVE, PRESSURE TRANSDUCER, P.GAUGE
- P.GAUGE w/VALVE
- PRESSURE TRANSDUCER
- FLOAT SWITCH
- LIQUID LEVEL PROBE: USE w/ CONTROLLER
- LIQUID LEVEL PROBE: TRANSDUCER PROBE
- THERMOMETER
- TEMPERATURE TRANSDUCER
- THERMOSTAT / TEMP ACT. SWITCH

* COMPONENTS NOT REQUIRED FOR COMPLETION OF REFRIGERANT CONTAINING CIRCUIT.

SPECIALTIES

- SIGHT PORT
- CEILING/ROOF PEN.
- WALL/EQUIPMENT PEN.
- REDUCER– CONCENTRIC
- REDUCER– ECCENTRIC
- FLOAT DRAINER
- LP FLOATVALVE

TAGS

- VALVE, NORMAL DISP: OPEN
- VALVE, NORMAL DISP: CLOSED
- INSTRUMENT
- PRESSURE GAUGE
- ELECTRICAL/ELECTRONIC DEVICE
- DUAL SAFETY RELIEF w/ 3-WAY SELECTOR VALVE ARRANGEMENT
- * CONTROLLER: PULSED LIQUID MAKEUP VALVE
- * CONTROLLER: LIQUID LEVEL PROBE

NOTES:

1. THIS DRAWING IS FOR GENERAL PIPING LAYOUT. ACTUAL LAYOUT TO BE DETERMINED BY PIPING CONTRACTOR AND STERLING REFRIGERATION.
2. DO NOT SIZE PIPE TO THIS DRAWING. SEE MECHANICAL DRAWINGS FOR ACTUAL PIPE SIZES AND DETAIL DRAWUE AND FITTING CONFIGURATIONS.
3. USE A-333 PIPE AND FITTINGS FOR: LTRL, LTRS, LSL, LLRL, LLRS, HTRS AND LLSS.
4. ALL PIPES THAT SLOPE ARE AT 1% GRADE, 1"/20' MIN.
5. ALLOW 4" FOR INSULATION AROUND INT-01.
6. ALLOW 3" FOR INSULATION AROUND PRU-01.
7. ALLOW 2" FOR PIPE INSULATION.
8. DO NOT ATTACH LIFTING LUGS UNTIL LOCATION HAS BEEN APPROVED.

ABBV	DESCRIPTION OF ABBREVIATION	COLOR	ABBV	DESCRIPTION OF ABBREVIATION	COLOR
BD	BOOSTER DISCHARGE	140	INST	INSTRUMENT	87
CD	CONDENSER DRAIN	40	IPL	INTERNAL PERCOLATE LIQUID	171
DG	DEFROST CONDENSATE	22	LLSS	LOW LOW STAGE SUCTION	170
EG	ETHYLENE GLYCOL	24	LLRL	LOW LOW TEMP RECIRC LIQUID	106
ES	ECONOMIZER SUCTION	20	LLRS	LOW LOW TEMP RECIRC SUCTION	106
GS	GAS	41	LSS	LOW STAGE SUCTION	160
GLYSP	GLYCOL SUPPLY	24	LTRL	LOW TEMP RECIRC LIQUID	12
H2O	WATER	3	LTRS	LOW TEMP RECIRC SUCTION	12
HGD	HOT GAS DEFROST	1	PFG	PURGER FUEL GAS	54
HPL	HIGH PRESSURE LIQUID	140	RHR	REHEAT RETURN	200
HSD	HIGH STAGE DISCHARGE	30	RL	RELIEF	41
HSS	HIGH STAGE SUCTION	20	SV	SELENOIDVLV	111
HTRL	HIGH TEMP RECIRC LIQUID	115	SGL	SUB-COOLED LIQUID	152
HTRS	HIGH TEMP RECIRC SUCTION	15	TGR	THERMOSIPHON RETURN	20
			TGS	THERMOSIPHON SUPPLY	74

0	12-13-04 ISSUED FOR CONSTRUCTION
ACTION	DATE DESCRIPTION

Warehouse and Office Renovations for:

BARBER FOODS

Portland, Maine

EVAPORATOR P & I

PLANNERS • ENGINEERS • BUILDERS

FOOD TECH

FOOD TECH STRUCTURES, LLC
2100 WASHINGTON STREET
HANOVER, MA 02339
Tel: (781) 261-9700
Fax: (781) 261-9701

DATE : 12-13-04
DESIGNED BY: SS
DRAWN BY: RPC
CHECKED BY : SS

DRAWING NO.

002

0412

STERLING

STERLING INDUSTRIAL REFRIGERATION
600 Airport Boulevard
Suite 100
Morrisville, NC 27560
Tel (919) 388-0372
Fax (919) 388-0383