

# Joliet Junior College - City Center

235 N Chicago St, Joliet, IL 60432

PHONE: (815)-727-6544

## GENERAL NOTES

1. PLAN INDICATES GENERAL ROUTING OF REFRIGERANT LINES, WITH A SINGLE LINE SHOWN INDICATING BOTH SUCTION AND LIQUID LINE ROUTING FOR EACH SYSTEM.
2. REFRIGERATION SYSTEM INSTALLATION SHALL BE IN COMPLETE CONFORMANCE WITH SPECIFICATIONS, AND WITH ALL REQUIREMENTS OF REFRIGERATION EQUIPMENT MANUFACTURER.
3. REFRIGERATION DRAWINGS ARE PROVIDED AS AN AID TO BIDDERS AND TO INDICATE DESIRED ROUTING OF REFRIGERATION LINES, CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR CORRECT INSTALLATION OF PIPING AND ACCESSORIES TO PROVIDE A COMPLETE AND FULLY OPERATING SYSTEM.
4. PRIOR TO OPENING ANY RACK SYSTEMS TO ADD OR REPLACE CASES, EVAPORATORS, ETC, INSTALL NEW SUCTION FILTER IN THE SUCTION LINE CANISTER, THEN 24 TO 48 HOURS AFTER THE WORK IS COMPLETED AND ALL FINAL ADJUSTMENTS HAVE BEEN MADE, PROVIDE AND CHANGE LIQUID LINE FILTER CORES, OIL SYSTEM FILTER USING SPORLAN OF STYLE FILTER, AND SUCTION FILTERS. FILTERS ARE TO BE RATED FOR WAX REMOVAL, CONTRACTOR TO PROPERLY DISPOSE OF OIL AND COMPONENTS REPLACED.
5. INSTALL PIPE INSULATION IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
6. FREEZER WALK-INS AND LOW TEMP CASE PENETRATIONS REQUIRE THE HOLE TO BE PATCHED WITH 26 GAUGE GALVANIZED SHEET METAL TRIM, FOAM SEALED AND TRIMMED FLUSH, THEN COATED WITH SILICONE SEALANT ON BOTH THE INSIDE AND OUTSIDE OF THE BOX.
7. COORDINATE REFRIGERATION DEMOLITION ISSUES WITH THE ARCHITECTURAL DRAWINGS. REFER TO ARCHITECTURAL PLANS FOR REFRIGERATION EQUIPMENT DEMOLITION AND COOLER REPAIR AND REMODELING.
8. REMOVE COPPER LINES, EVAPORATORS, AND CONDENSATE LINES FROM COOLERS/FREEZERS BEING REMOVED FROM SITE.
9. COORDINATE WITH ELECTRICAL CONTRACTOR FOR THE REMOVAL OF ALL REMOVED COOLER/FREEZER BOXES ELECTRICAL WIRING DEVICES.
10. COORDINATE WITH EMS CONTRACTOR FOR THE REMOVAL OF ALL REMOVED COOLER/FREEZER BOXES EMS WIRING AND DEVICES.
11. EXISTING REFRIGERATION PIPING MAY BE RE-USED.
12. BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
13. REFERENCE REFRIGERATION SCHEDULE FOR EVAPORATOR PRESSURE REGULATORS AND LIQUID LINE SOLENOID VALVES TO BE REPLACED IF APPLICABLE.

## BUILDING CODE SUMMARY

NAME OF PROJECT: JOLIET JUNIOR COLLEGE - REMEDIATION  
 STREET ADDRESS: 235 N Chicago St, Joliet, IL 60432  
 PROPOSED USE: EDUCATIONAL FOOD STORAGE

## CODES:

BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC) - 2015  
 ELECTRICAL CODE: NATIONAL ELECTRICAL CODE (NEC) - 2014  
 PLUMBING CODE: ILLINOIS STAT PLUMBING CODE - 2025  
 MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE (IMC) - 2015  
 FIRE CODE: INTERNATIONAL FIRE PREVENTION CODE (IFPC) - 2015

## EGRESS:

EGRESS UNCHANGED BY SCOPE OF WORK

## OCCUPANCY:

ASSEMBLY, GROUP A-2  
 ASHRAE 15

## TYPE OF CONSTRUCTION:

BUILDING IS EQUIPPED THROUGHOUT WITH AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON ALL SIDES BY 80 FEET MINIMUM OF PERMANENT OPEN SPACE AND COMPLIES WITH SECTION 507.4 UNLIMITED AREA CRITERIA IS APPLICABLE.

NO CHANGES PROPOSED TO THE EXISTING BUILDING AREA, OCCUPANCY OR EGRESS. ALL EXISTING EXITS TO REMAIN

## GENERAL NOTES:

1. REFRIGERANT PIPING SHALL BE LOCATED SO THAT ACCESS TO THE SYSTEM COMPONENTS IS NOT HINDERED AND THAT ALL COMPONENTS THAT COULD POSSIBLY REQUIRE FIXTURE MAINTENANCE ARE EASILY ACCESSIBLE.
2. THE REFRIGERATION CONTRACTOR SHALL REVIEW AND STRATEGICALLY LOCATE ALL CONTROL VALVES PRIOR TO THE INSTALLATION OF ANY REFRIGERANT PIPING. THE PLANNING OF THE REFRIGERANT PIPE LOCATION SHALL INCLUDE AN ACCESSIBLE LOCATION AND ADEQUATE SPACE FOR INSTALLATION AND ADJUSTMENT OF VALVES.
3. THE COORDINATION OF THE REFRIGERANT PIPING INSTALLATION SHALL BE IN AGREEMENT WITH THE OVERALL CONSTRUCTION SCHEDULE AND SHALL HAVE ALL PIPING PATH AND ACCESSORY LOCATIONS CONFIRMED BY THE REFRIGERATION CONTRACTOR PRIOR TO CLOSING OF ANY WALL, FLOOR OR CEILING WHERE REFRIGERANT PIPING MAY BE PASSING THROUGH OR INSTALLED IN.
4. PRIOR TO INSTALLATION OF ANY REFRIGERATION PIPING, THE REFRIGERATION CONTRACTOR SHALL COORDINATE ALL PIPING PATHS WITH STRUCTURAL ELEMENTS.
5. THE REFRIGERATION CONTRACTOR SHALL COORDINATE ALL PIPING PATHS TO AVOID CONFLICTS WITH ALL ELECTRICAL PANELS, STARWELLS AND CORRIDORS. ABSOLUTELY NO PIPING SHALL PASS ABOVE ELECTRICAL PANELS AND TRANSFORMERS OR THROUGH STARWELLS OR CORRIDORS.
6. THE REFRIGERATION CONTRACTOR SHALL COORDINATE ALL PIPING PATHS TO AVOID CONFLICTS WITH ALL OTHER TRADES (IE HVAC EQUIPMENT, HVAC DIFFUSERS, DUCT WORK, FLUES, LIGHTING FIXTURES, PLUMBING LINES, DECOR, ETC.)
7. THE REFRIGERATION CONTRACTOR SHALL INVESTIGATE AND ENSURE COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES PRIOR TO INSTALLATION. THE ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES.
8. SUCTION P-TRAPS TO BE SAME SIZE AS HORIZONTAL RUNS, REDUCE TO SPECIFIED RISER SIZE WITH BUSINESS AT THE TOP SIDE OF P-TRAP. INTERMEDIATE P-TRAP SIZE SHOULD BE THE SAME SIZE AS REDUCED RISER.
9. RACK MANUFACTURER SHALL FURNISH SUCTION AND LIQUID BALL VALVES FOR EACH INDIVIDUAL PIPING BRANCH AS ITEMIZED ON THE REFRIGERATION SCHEDULE. REFRIGERATION CONTRACTOR SHALL PROVIDE AND INSTALL IN ACCESSIBLE LOCATIONS. ALL ADDITIONAL ISOLATION BALL VALVES AS SHOWN ON PIPING DRAWINGS.
10. THE REFRIGERATION CONTRACTOR SHALL INSTALL SUCTION AND LIQUID BALL VALVES FOR EACH PIPING BRANCH IN ACCESSIBLE LOCATIONS.
11. TO FACILITATE MOVEMENT OF THE PIPING AS A RESULT OF CONTRACTION AND EXPANSION DURING REFRIGERATION OPERATION, THE REFRIGERATION CONTRACTOR SHALL INSTALL EXPANSION LOOPS THROUGHOUT THE REFRIGERATION PIPING NETWORK IN FULL COMPLIANCE WITH THE ASHRAE STANDARDS AND LOCAL CODES AND REGULATIONS. PIPE HANGERS SUPPLIED AND INSTALLED BY THE REFRIGERATION CONTRACTOR MUST PERMIT FREE MOVEMENT OF THE REFRIGERANT LINES.
12. LOCATION OF FLOOR SINKS AND ELECTRICAL STUBS TO BE FIELD VERIFIED BASED ON FIELD CONDITIONS AND FINAL CASE MODELS USED. COORDINATE WITH PLUMBING AND ELECTRICAL CONTRACTORS. CONTACT ENGINEER FOR LOCATION DISCREPANCIES.

1 FRONT GROCERY REFRIGERATION PLAN  
 1/8" = 1'-0"

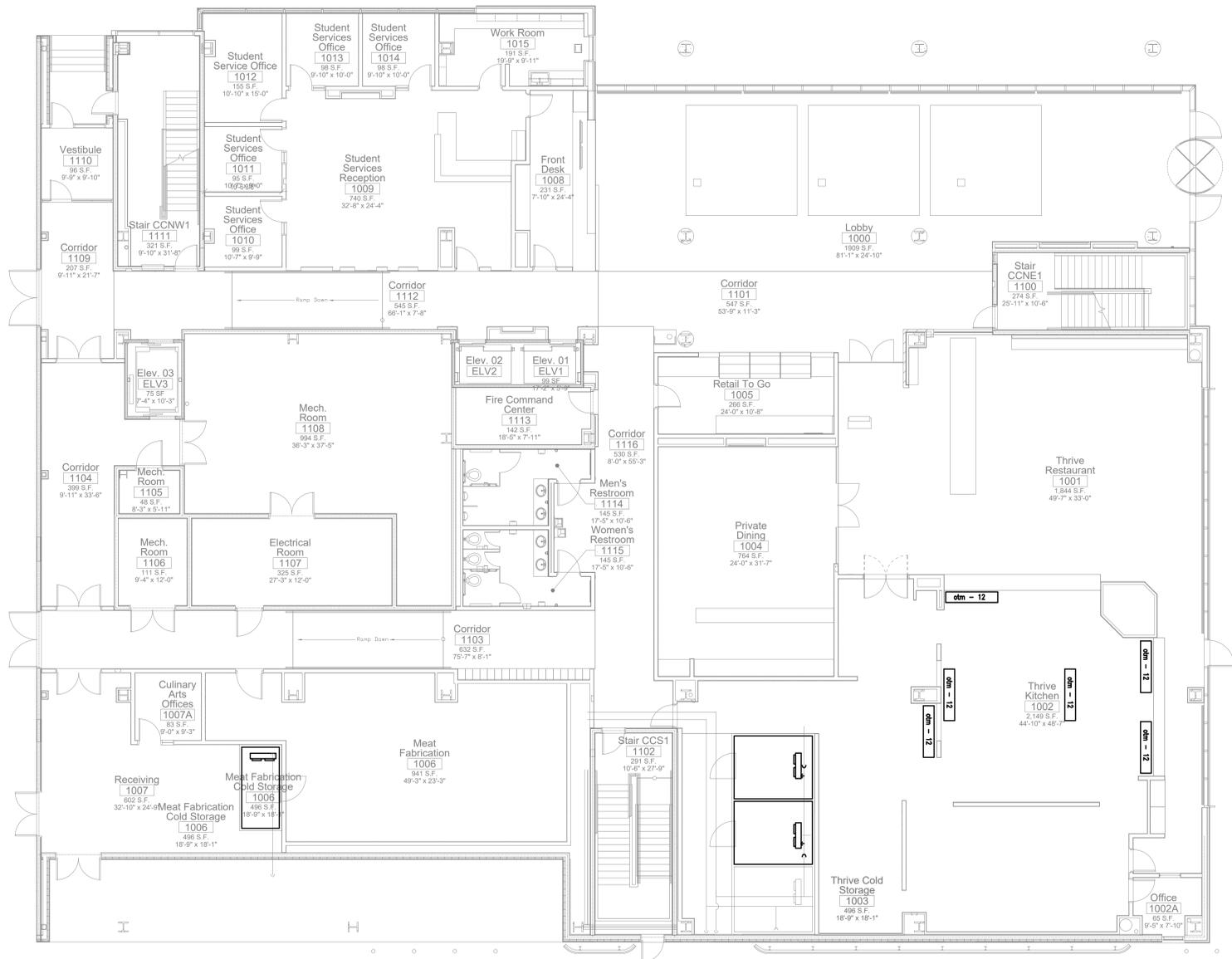
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CLIENT NAME - JOLIET JUNIOR COLLEGE  
 PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

NO.	REVISIONS	DATE

SCALE: AS NOTED	SHEET R001
DATE: 12/5/2025	
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REVISION	



1 FULL LEVEL 1 FLOOR PLAN  
1/8" = 1'-0"

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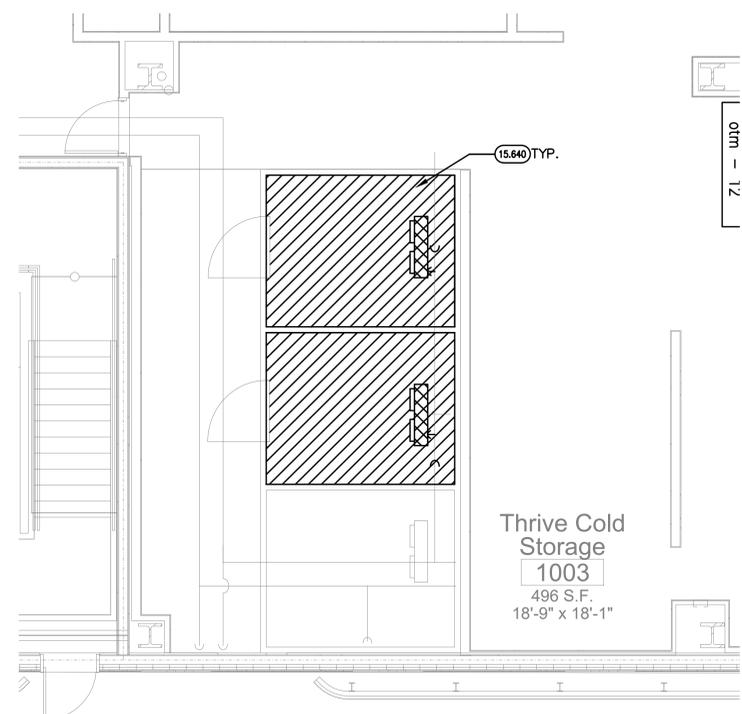
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REVISION

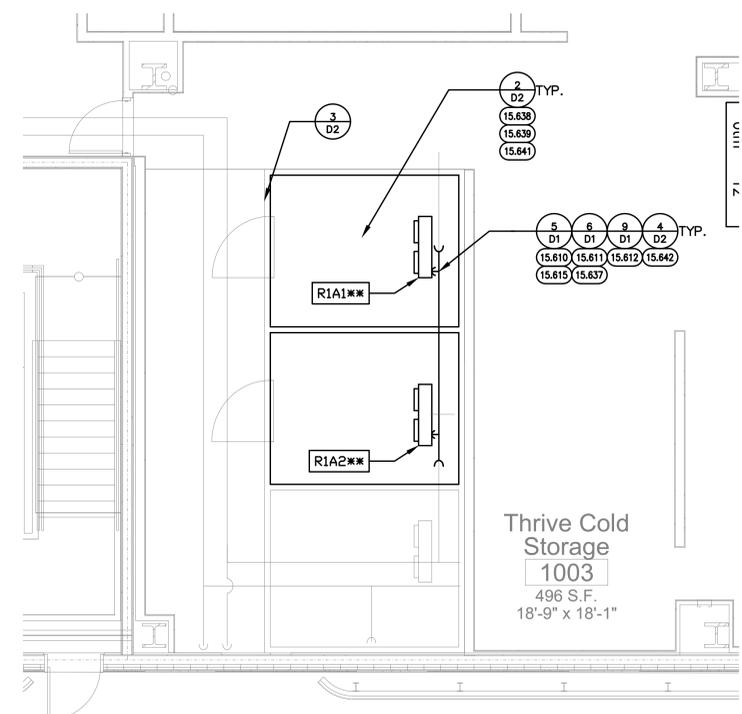
SHEET  
R100

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.	X##	CIRCUIT NUMBER (CIRCUIT INFO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.	CO#	CLEANOUTS (CO)
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.	⊕	CONDENSATE DRAIN LINE (CD)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.	⊕	CONNECT TO EXISTING
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.	⊕	CONTINUATION
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 16-GAUGE DIAMOND TREAD STAINLESS STEEL.	#	DETAIL NUMBER (DETAIL REFERENCE)
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET).	#	PAGE NUMBER
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK	⊕	EVAPORATOR COIL
15.641	INSTALL AS PER INSTRUCTIONS FROM KOLPAK WITH ADDITION OF BUTYL SEALANT SEE DETAIL PAGE 2	⊕	ISOLATION VALVE
15.642	INSTALL NEW KE2THERM OEM CONTROLLER & K2THERM HUMIDITY SENSOR FOR ALL EVAPS MODIFIED.	⊕	ELBOW - TURNED DOWN
		⊕	ELBOW - TURNED UP
		⊕	REFRIGERATION KEYNOTE REFERENCE
		⊕	REFRIGERATION PIPING (ABOVE)
		⊕	REFRIGERATION PIPING (BELOW)
		⊕	DEMO REFRIGERATION PIPING
		⊕	EXISTING TO REMAIN
		⊕	TYPICAL

GENERAL NOTES	
REFER TO THE PROTO DETAIL LIBRARY, SHEET R3.6 FOR GENERAL NOTES PERTAINING TO THIS SHEET.	
PIPING SYMBOLS	
* MODIFY CIRCUIT	
** NEW CASE, COIL, CIRCUIT OR VALVE	
**** CHANGE EXISTING PIPE SIZE AS INDICATED	
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# CONTRACTOR TO FIELD VERIFY EXISTING RISER SIZE. IF EXISTING PIPE SIZE DOES NOT MATCH SCHEDULE, REPLACE EXISTING RISER WITH NEW SIZE AS SHOWN.	



① 1003\_THRIVE\_DEMO  
1/4" = 1'-0"



② 1003\_THRIVE\_INSTALL  
1/4" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.



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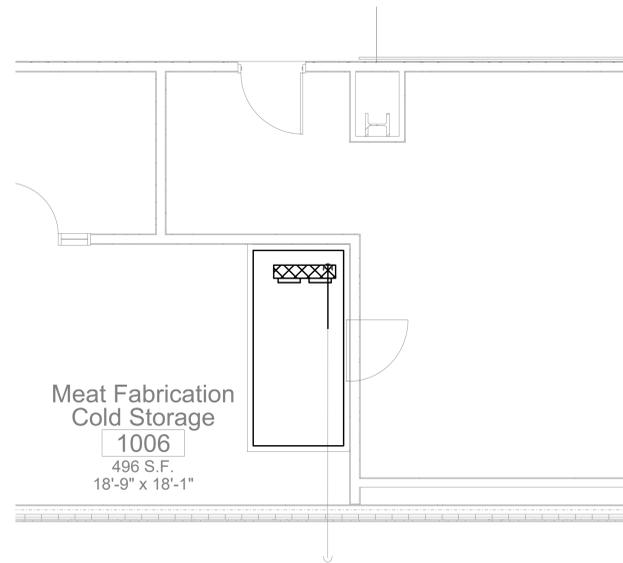
**CLIENT NAME - JOLIET JUNIOR COLLEGE**  
**PROJECT TITLE - REFRIGERATION SYSTEM REVIEW**

NO.	REVISIONS	DATE

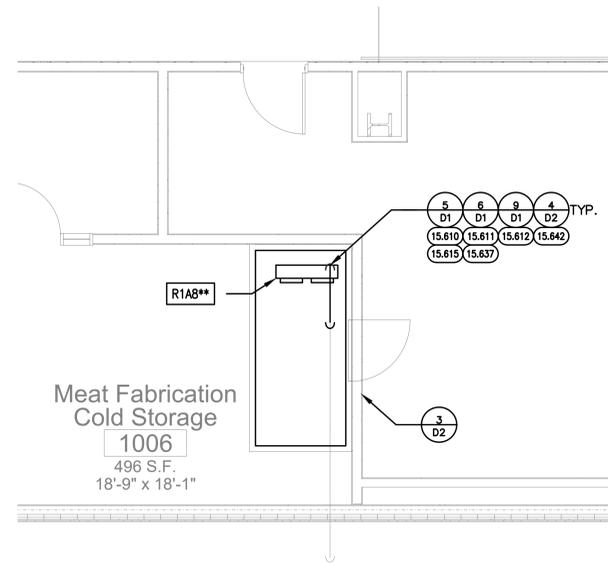
SCALE: AS NOTED	SHEET R101
DATE: 12/5/2025	
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REVISION	

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.		CLEANOUTS (CO)
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.		CONDENSATE DRAIN LINE (CD)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CONNECT TO EXISTING
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		CONTINUATION
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			REFRIGERATION KEYNOTE REFERENCE
			REFRIGERATION PIPING (ABOVE)
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			DEMO REFRIGERATION PIPING
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			TYPICAL

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1 1006 MEAT FAB DEMO  
1/4" = 1'-0"



1 1006 MEAT FAB INSTALL  
1/4" = 1'-0"

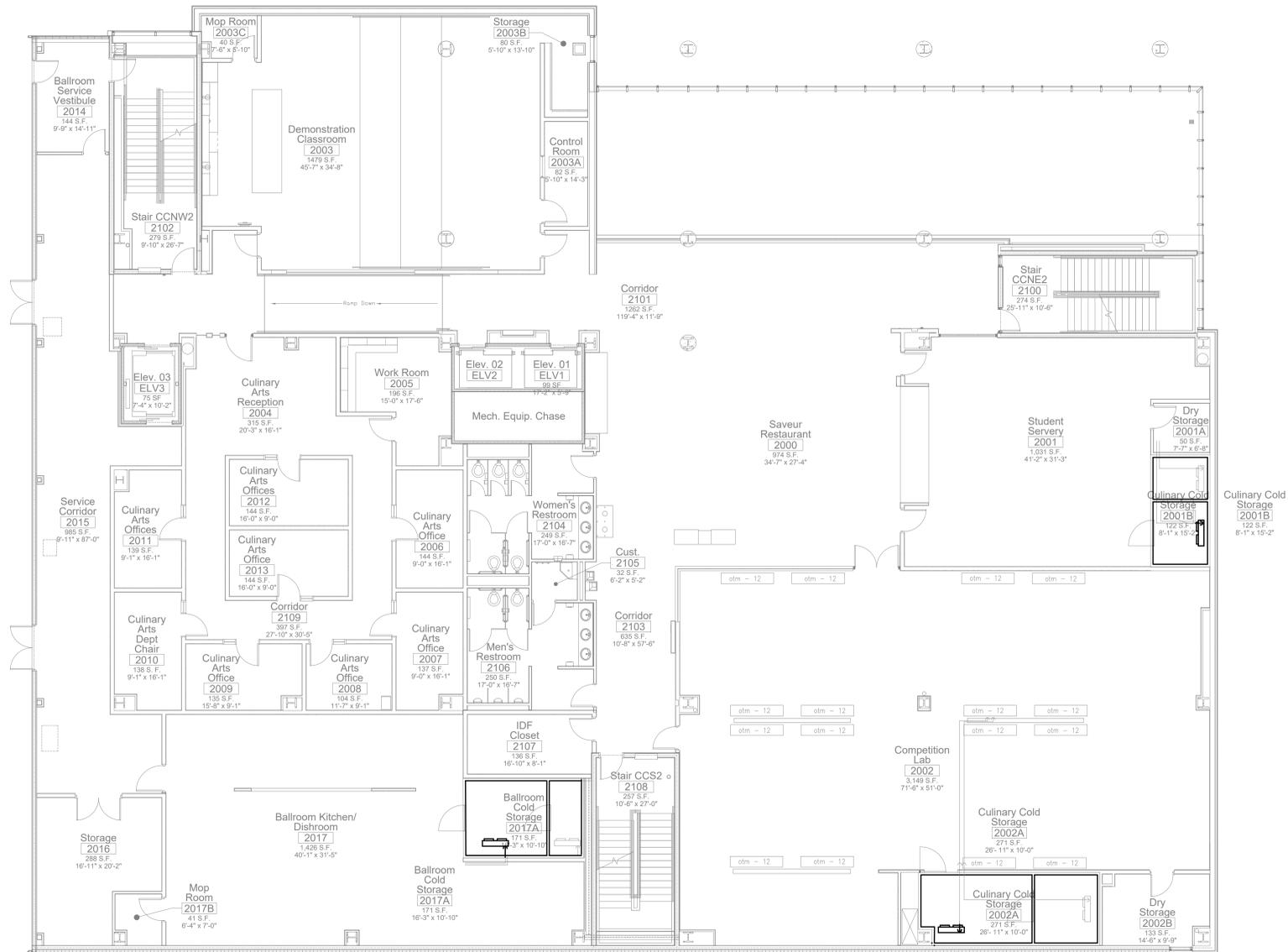
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CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

NO.	REVISIONS	DATE

SCALE: AS NOTED	SHEET <b>R102</b>
DATE: 12/5/2025	
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1 FULL LEVEL 2 FLOOR PLAN  
1/8" = 1'-0"

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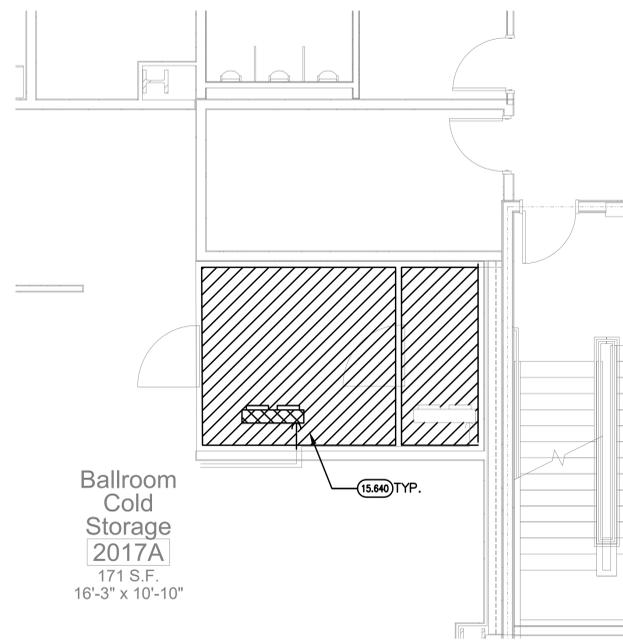


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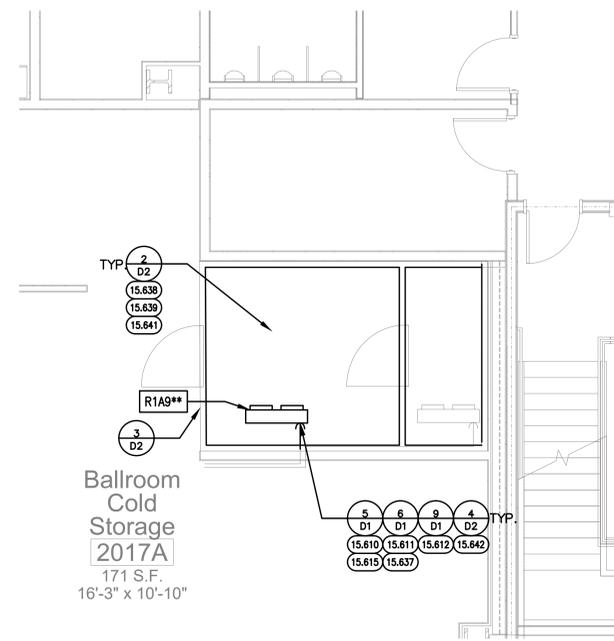
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DATE: 12/5/2025	
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KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL. UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
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1 2017 BALLROOM COLD STORAGE DEMO  
1/4" = 1'-0"



2 2017 BALLROOM COLD STORAGE INSTALL  
1/4" = 1'-0"

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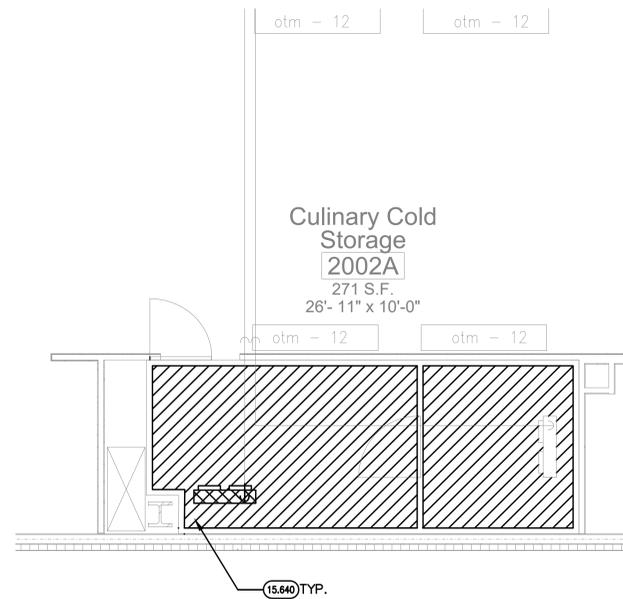
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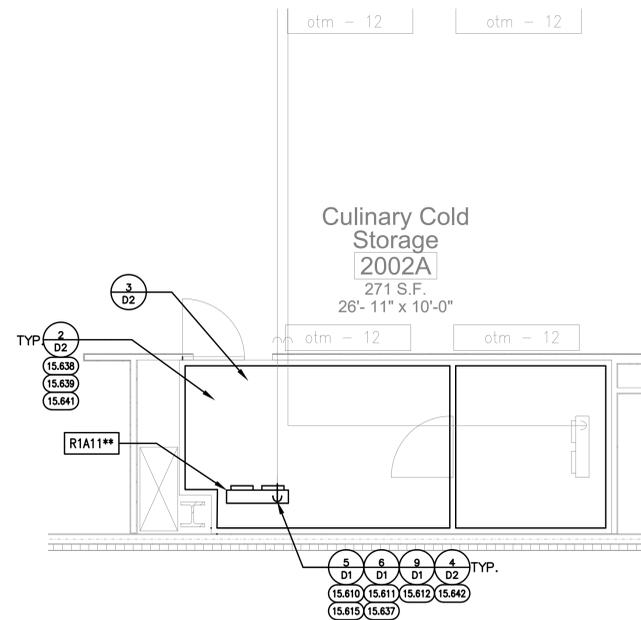
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DATE: 12/5/2025	
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KEYNOTES		REFRIGERATION SYMBOLS	
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		—	ELBOW - TURNED DOWN
		—	ELBOW TURNED UP
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		—	REFRIGERATION PIPING (BELOW)
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* MODIFY CIRCUIT	
** NEW CASE, COIL, CIRCUIT OR VALVE	
*** CHANGE EXISTING PIPE SIZE AS INDICATED	
* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND IS TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF THE RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.	
# CONTRACTOR TO FIELD VERIFY EXISTING RISER SIZE. IF EXISTING PIPE SIZE DOES NOT MATCH SCHEDULE, REPLACE EXISTING RISER WITH NEW SIZE AS SHOWN.	

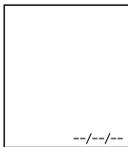


1 2002A COMPETITION COLD STORAGE DEMO  
1/4" = 1'-0"



2 2002A COMPETITION COLD STORAGE INSTALL  
1/4" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.



CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

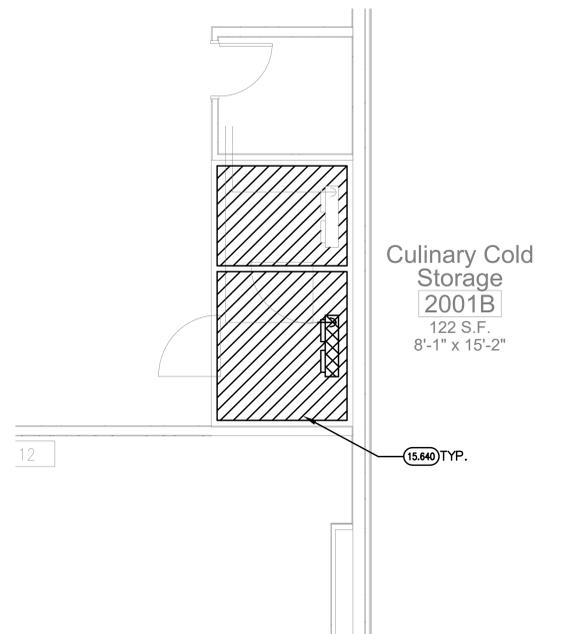
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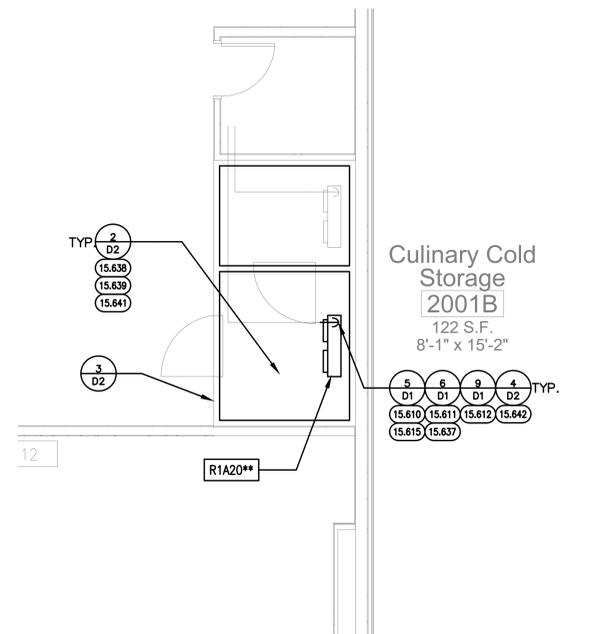
SHEET R202

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.		CLEANOUTS (CO)
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.		CONDENSATE DRAIN LINE (CD)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CONTINUATION
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		DETAIL NUMBER (DETAIL REFERENCE)
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 16-GAUGE DIAMOND TREAD STAINLESS STEEL.		PAGE NUMBER
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET).		EVAPORATOR COIL
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK		ISOLATION VALVE
15.641	INSTALL AS PER INSTRUCTIONS FROM KOLPAK WITH ADDITION OF BUTYL SEALANT SEE DETAIL PAGE 2 DETAIL NO. 2		ELBOW - TURNED DOWN
15.642	INSTALL NEW KE2THERM OEM CONTROLLER & K2THERM HUMIDITY SENSOR FOR ALL EVAPS MODIFIED.		ELBOW - TURNED UP
			REFRIGERATION KEYNOTE REFERENCE
			REFRIGERATION PIPING (ABOVE)
			REFRIGERATION PIPING (BELOW)
			DEMO REFRIGERATION PIPING
			EXISTING TO REMAIN
			TYPICAL

GENERAL NOTES	
REFER TO THE PROTO DETAIL LIBRARY, SHEET R3.6 FOR GENERAL NOTES PERTAINING TO THIS SHEET.	
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1 2001A SAVER COLD STORAGE DEMO  
1/4" = 1'-0"



2 2001A SAVER COLD STORAGE INSTALL  
1/4" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.



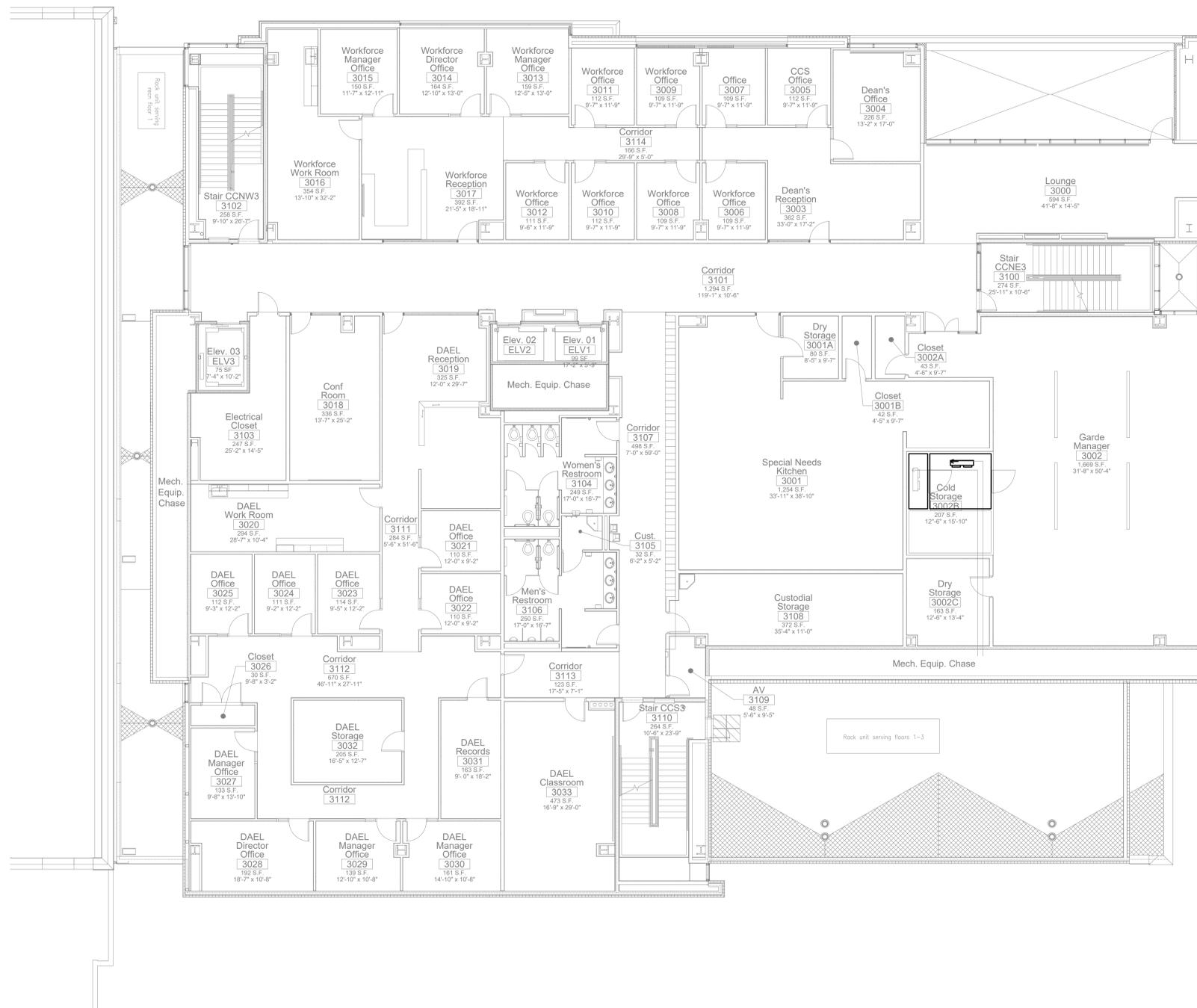
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CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

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REVISION

SHEET  
R203



1 FULL LEVEL 3 FLOOR PLAN  
1/8" = 1'-0"

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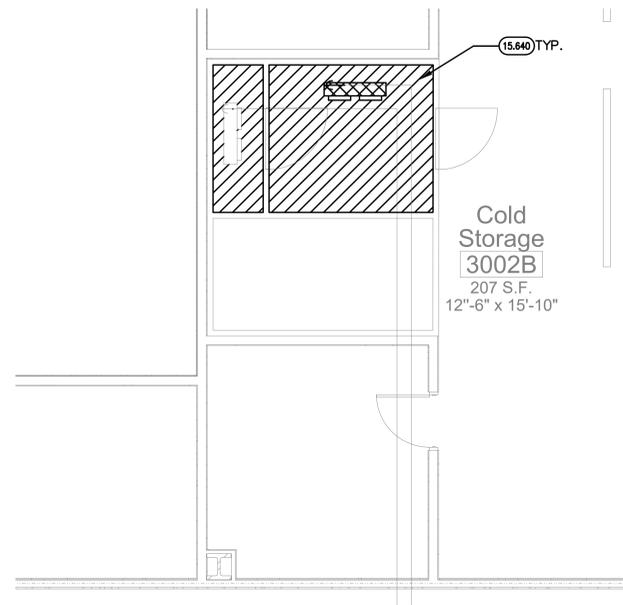
CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW



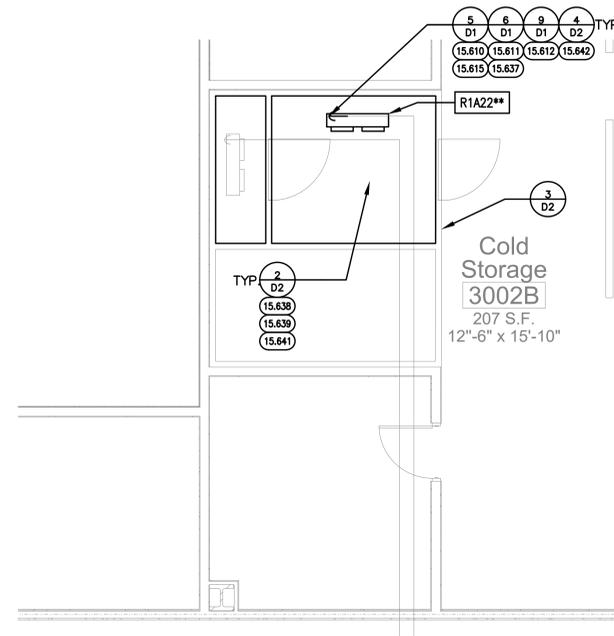
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			DATE: 12/5/2025	
			DRAWN BY: AL	
			CHECKED BY: --	
			REVISION	

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL. UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.		CLEANOUTS (CO)
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.		CONDENSATE DRAIN LINE (CD)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CONTINUATION
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		DETAIL NUMBER (DETAIL REFERENCE)
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 16-GAUGE DIAMOND TREAD STAINLESS STEEL.		PAGE NUMBER
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET).		EVAPORATOR COIL
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK		ISOLATION VALVE
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GENERAL NOTES	
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1 3002B GARDE MANGER COLD STORAGE DEMO  
1/4" = 1'-0"



1 3002B GARDE MANGER COLD STORAGE INSTALL  
1/4" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.



CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

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			DATE: 12/5/2025	
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			CHECKED BY: --	
			REVISION	



1 FULL LEVEL 4 FLOOR PLAN  
1/8" = 1'-0"

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PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

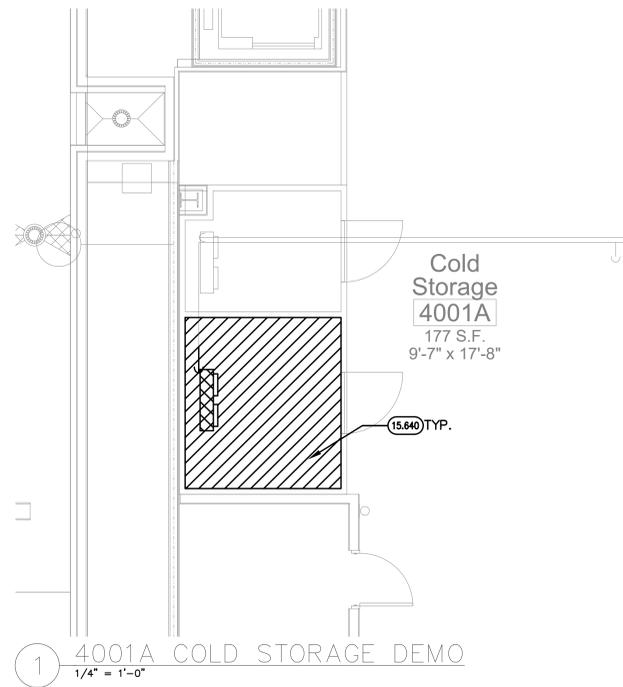
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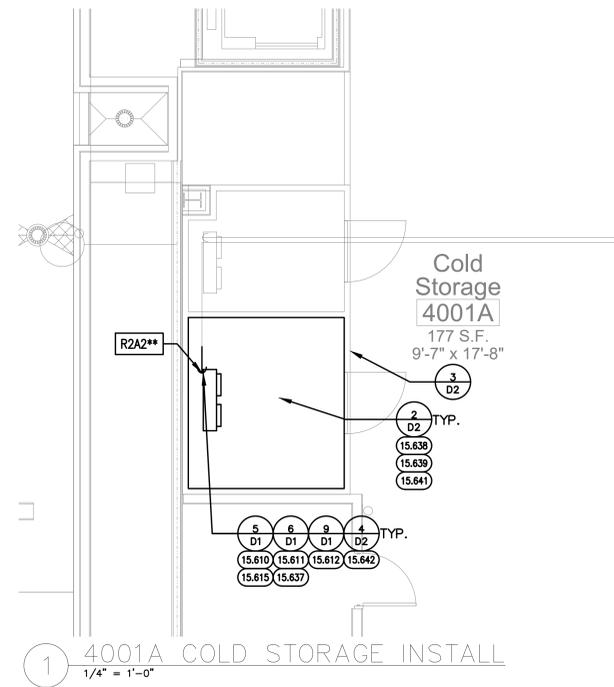
SHEET R400

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.		CLEANOUTS (CO)
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.		CONDENSATE DRAIN LINE (CD)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CONTINUATION
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		DETAIL NUMBER (DETAIL REFERENCE)
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15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK		ISOLATION VALVE
15.641	INSTALL AS PER INSTRUCTIONS FROM KOLPAK WITH ADDITION OF BUTYL SEALANT SEE DETAIL PAGE 2		ELBOW - TURNED DOWN
15.642	INSTALL NEW KE2THERM OEM CONTROLLER & K2THERM HUMIDITY SENSOR FOR ALL EVAPS MODIFIED.		ELBOW TURNED UP
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GENERAL NOTES	
REFER TO THE PROTO DETAIL LIBRARY, SHEET R3.6 FOR GENERAL NOTES PERTAINING TO THIS SHEET.	
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1 4001A COLD STORAGE DEMO  
1/4" = 1'-0"



1 4001A COLD STORAGE INSTALL  
1/4" = 1'-0"

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CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

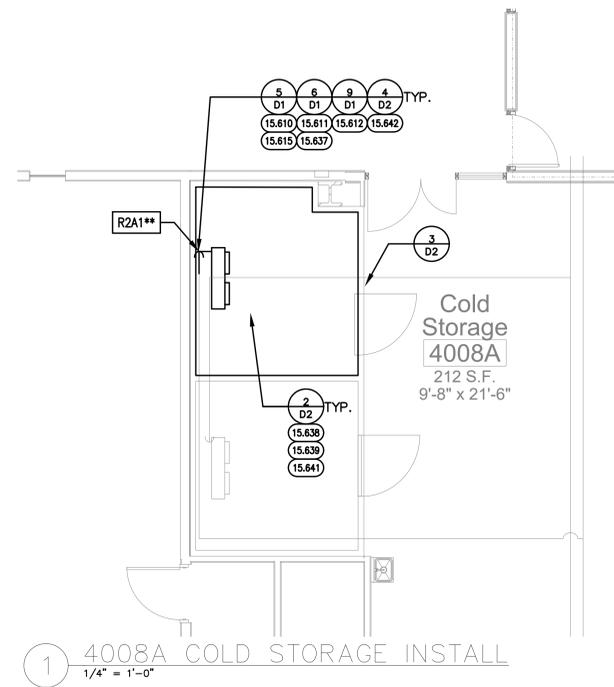
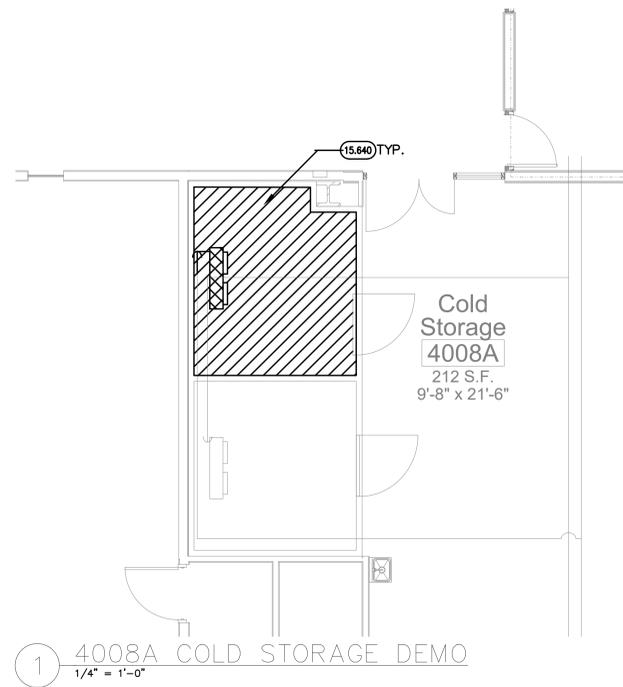
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SHEET  
R401

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
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15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.		CONDENSATE DRAIN LINE (CD)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CONNECT TO EXISTING
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		CONTINUATION
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 16-GAUGE DIAMOND TREAD STAINLESS STEEL.		DETAIL NUMBER (DETAIL REFERENCE)
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET).		PAGE NUMBER
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK		EVAPORATOR COIL
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15.642	INSTALL NEW KE2THERM OEM CONTROLLER & K2THERM HUMIDITY SENSOR FOR ALL EVAPS MODIFIED.		ELBOW - TURNED DOWN
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			TYPICAL

GENERAL NOTES	
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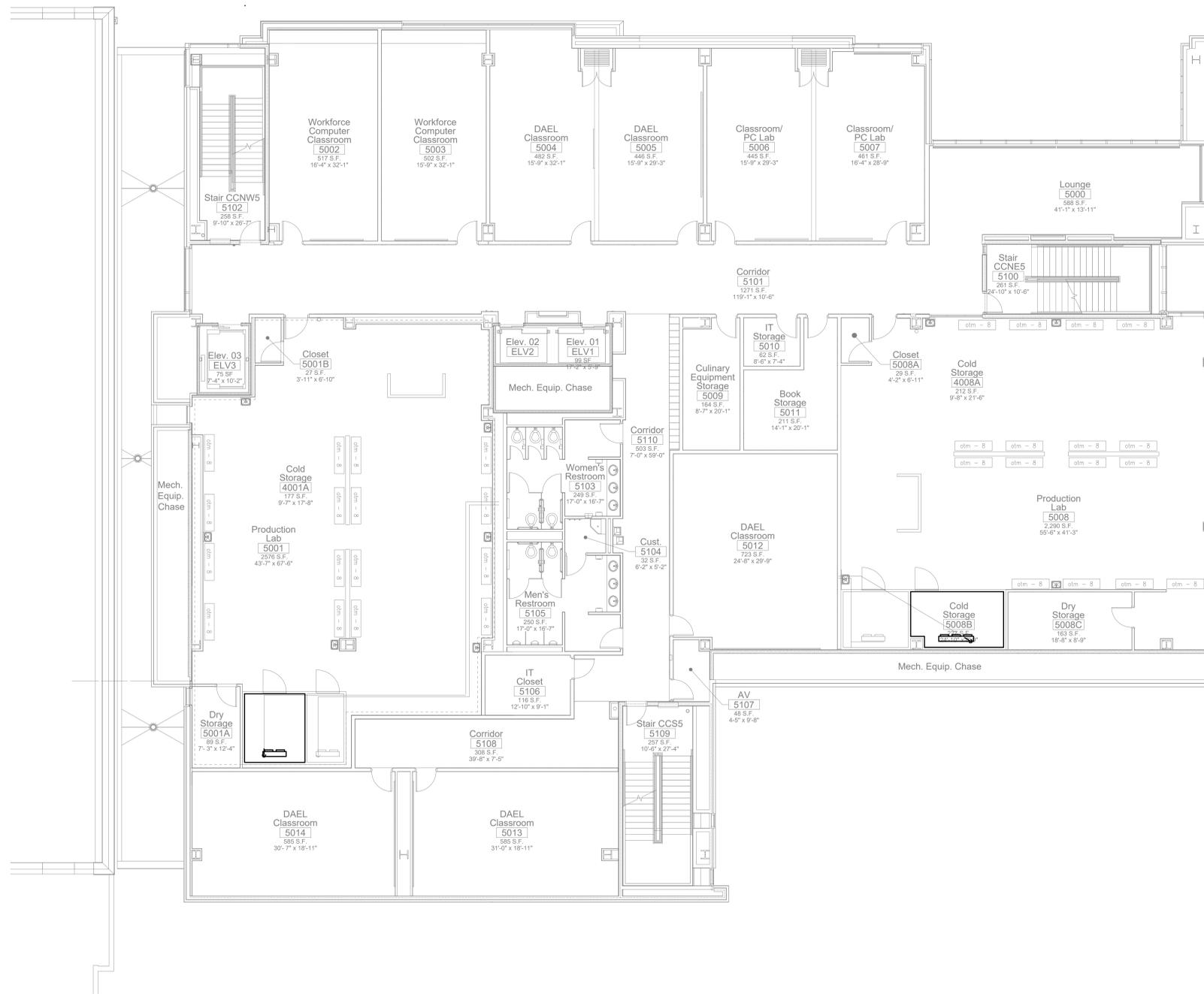
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**CLIENT NAME - JOLIET JUNIOR COLLEGE**  
**PROJECT TITLE - REFRIGERATION SYSTEM REVIEW**

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NO.	REVISIONS	DATE

SHEET	R402
DATE:	
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REVISION	



1 FULL LEVEL 5 FLOOR PLAN  
1/8" = 1'-0"

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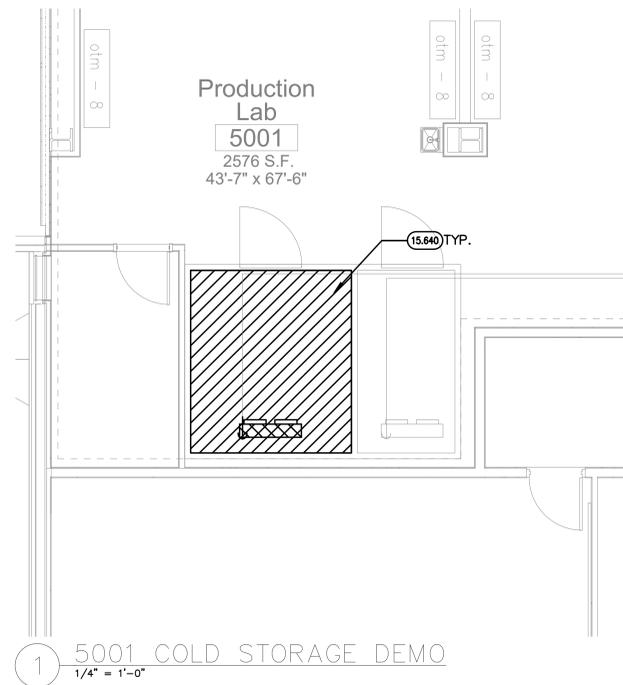
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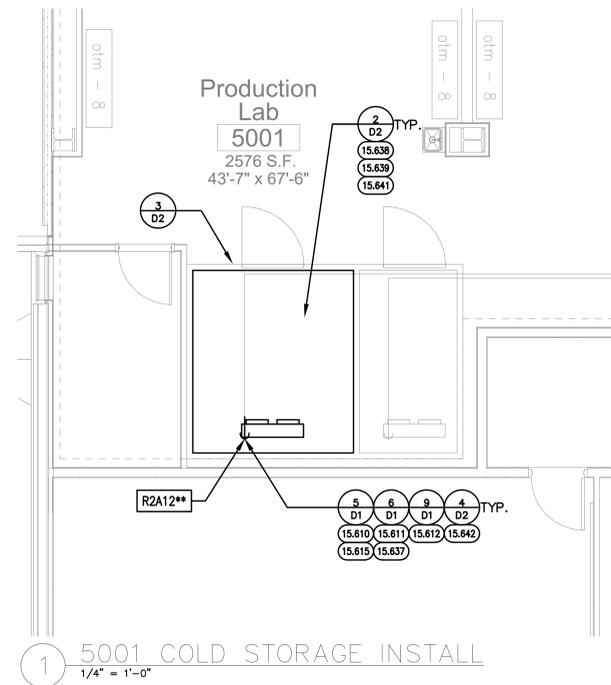
SHEET  
R500

KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.		CIRCUIT NUMBER (CIRCUIT INFO)
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1 5001 COLD STORAGE DEMO  
1/4" = 1'-0"



1 5001 COLD STORAGE INSTALL  
1/4" = 1'-0"

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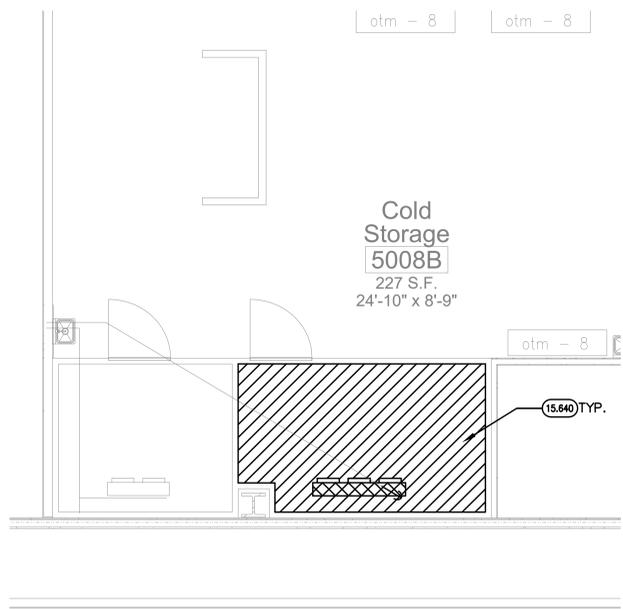
**CLIENT NAME - JOLIET JUNIOR COLLEGE**  
**PROJECT TITLE - REFRIGERATION SYSTEM REVIEW**

NO.	REVISIONS	DATE

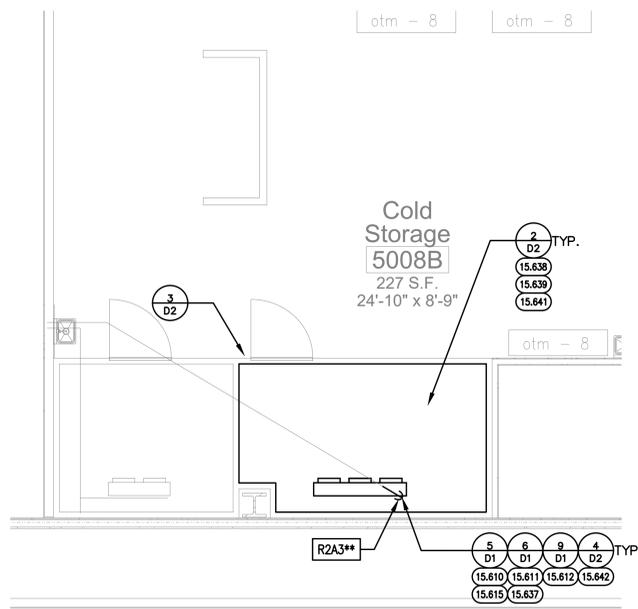
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DATE: 12/5/2025	
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KEYNOTES		REFRIGERATION SYMBOLS	
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX, WALLS OR CEILING. REFER TO FAN COOL UNIT DETAIL.	X##	CIRCUIT NUMBER (CIRCUIT INFO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.	CO#	MODEL NUMBER
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES. CONTROL METHOD, AND ALL REFRIGERATION PIPING SIZES, ETC.	COND	CLEANOUTS (CO)
15.615	CONDENSATE DRAIN, PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.	CD	CONDENSATE DRAIN LINE (CD)
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.	CON	CONNECT TO EXISTING
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 16-GAUGE DIAMOND TREAD STAINLESS STEEL.	CONT	CONTINUATION
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET)	#	DETAIL NUMBER (DETAIL REFERENCE)
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK	#	PAGE NUMBER
15.641	INSTALL AS PER INSTRUCTIONS FROM KOLPAK WITH ADDITION OF BUTYL SEALANT SEE DETAIL PAGE 2 DETAIL NO. 2	EVAP	EVAPORATOR COIL
15.642	INSTALL NEW KE2THERM OEM CONTROLLER & K2THERM HUMIDITY SENSOR FOR ALL EVAPS MODIFIED.	ISOL	ISOLATION VALVE
		ELBOW	ELBOW - TURNED DOWN
		ELBOW	ELBOW - TURNED UP
		REFR	REFRIGERATION KEYNOTE REFERENCE
		REFR	REFRIGERATION PIPING (ABOVE)
		REFR	REFRIGERATION PIPING (BELOW)
		DEM	DEMO REFRIGERATION PIPING
		ETR	EXISTING TO REMAIN
		(TYP)	TYPICAL

GENERAL NOTES	
REFER TO THE PROTO DETAIL LIBRARY, SHEET R3.6 FOR GENERAL NOTES PERTAINING TO THIS SHEET.	
PIPING SYMBOLS	
* MODIFY CIRCUIT	
** NEW CASE, COIL, CIRCUIT OR VALVE	
**** CHANGE EXISTING PIPE SIZE AS INDICATED	
* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND IS TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF THE RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.	
# CONTRACTOR TO FIELD VERIFY EXISTING RISER SIZE. IF EXISTING PIPE SIZE DOES NOT MATCH SCHEDULE, REPLACE EXISTING RISER WITH NEW SIZE AS SHOWN.	



1 5008A COLD STORAGE DEMO  
1/4" = 1'-0"



1 5008A COLD STORAGE INSTALL  
1/4" = 1'-0"

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

**CLIENT NAME - JOLIET JUNIOR COLLEGE**  
**PROJECT TITLE - REFRIGERATION SYSTEM REVIEW**

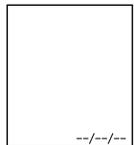
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DATE: 12/5/2025	
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1 FULL LEVEL RECN LEVEL 1 FLOOR PLAN  
1/8" = 1'-0"

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CLIENT NAME - JOLIET JUNIOR COLLEGE  
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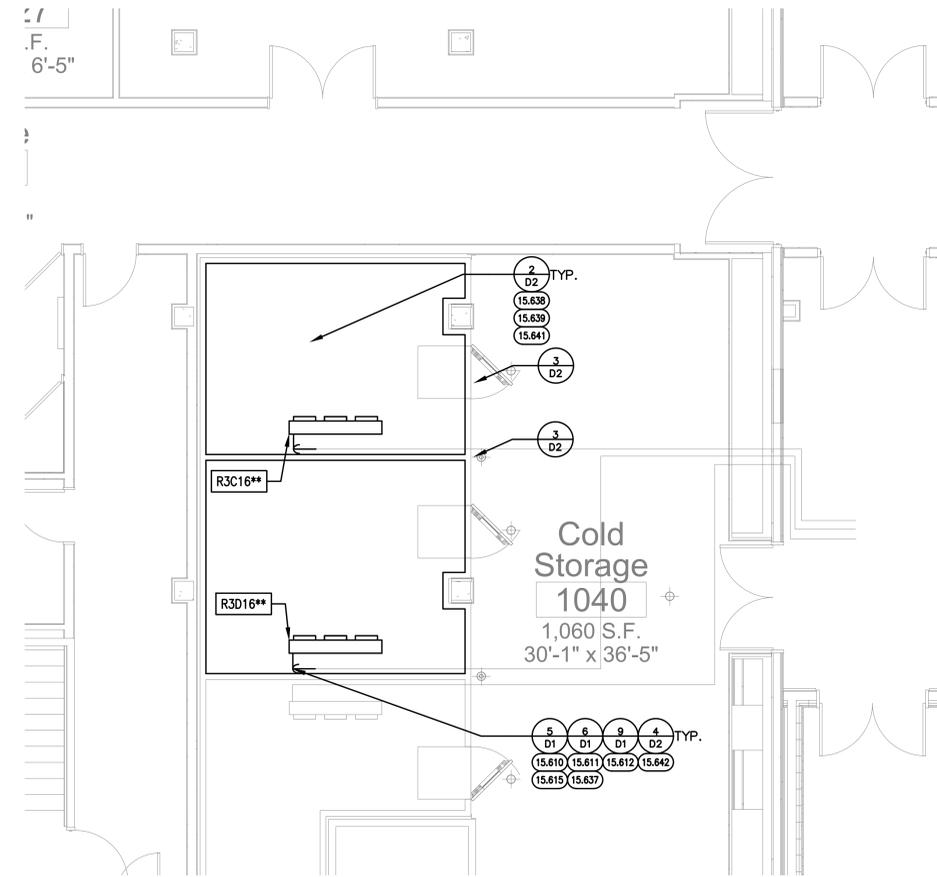
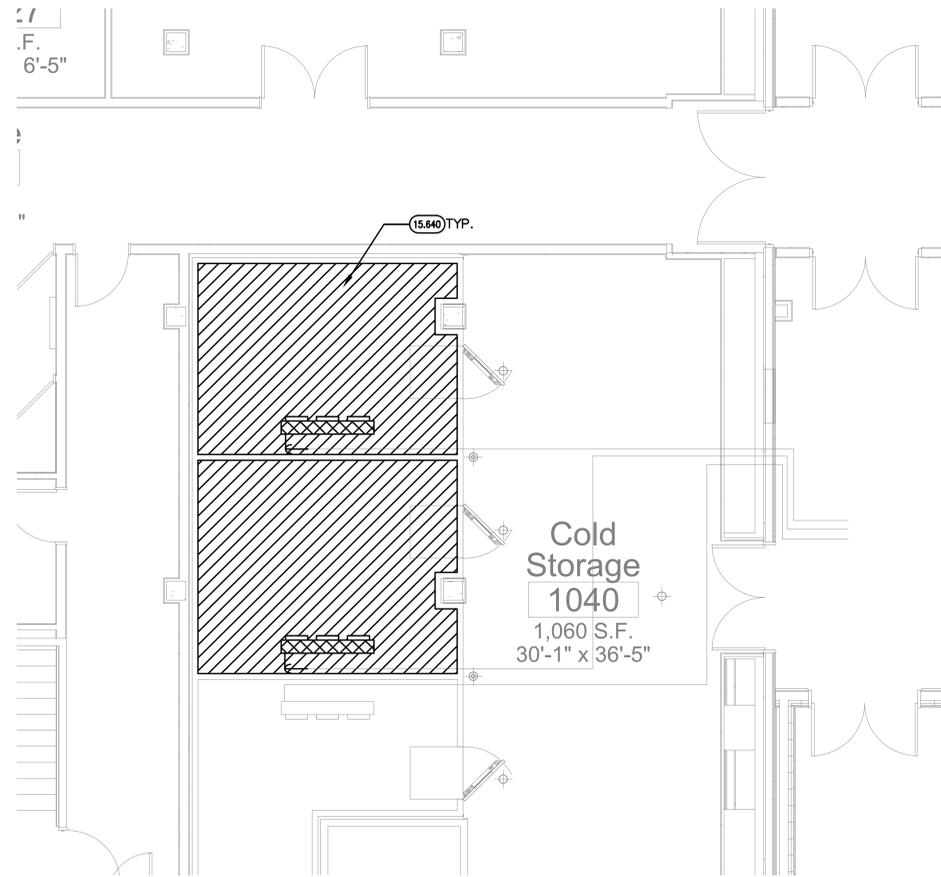
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SHEET  
R600

KEYNOTES		REFRIGERATION SYMBOLS	
15.606	CONDENSATE DRAIN; PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12' TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CIRCUIT NUMBER (CIRCUIT INFO) MODEL NUMBER
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX WALLS OR CEILINGS. REFER TO FAN COIL UNIT DETAIL.		CLEANOUTS (CO)
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 10' LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.		CONDENSATE DRAIN LINE (CD)
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES; CONTROL METHOD; AND ALL REFRIGERATION PIPING SIZES, ETC.		CONNECT TO EXISTING CONTINUATION
15.615	CONDENSATE DRAIN; PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12' TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		DETAIL NUMBER (DETAIL REFERENCE) PAGE NUMBER
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		EVAPORATOR COIL
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 3/16" ALUMINUM PLATE.		ISOLATION VALVE
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET)		ELBOW - TURNED DOWN
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK		ELBOW TURNED UP
15.641	INSTALL AS PER INSTRUCTIONS FROM KOLPAK WITH ADDITION OF BUTYL SEALANT, SEE DETAIL PAGE 2 DETAIL NO. 2		REFRIGERATION KEYNOTE REFERENCE
			REFRIGERATION PIPING (ABOVE) REFRIGERATION PIPING (BELOW)
			DEMO REFRIGERATION PIPING
			EXISTING TO REMAIN
			TYPICAL
		<b>GENERAL NOTES</b>	
		REFER TO THE PROTO DETAIL LIBRARY, SHEET R3.6 FOR GENERAL NOTES PERTAINING TO THIS SHEET.	

PIPING SYMBOLS	
	* MODIFY CIRCUIT
	** NEW CASE, COIL, CIRCUIT OR VALVE
	*** CHANGE EXISTING PIPE SIZE AS INDICATED
	* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND IS TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF THE RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.
	# CONTRACTOR TO FIELD VERIFY EXISTING RISER SIZE. IF EXISTING PIPE SIZE DOES NOT MATCH SCHEDULE, REPLACE EXISTING RISER WITH NEW SIZE AS SHOWN.



EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.



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PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

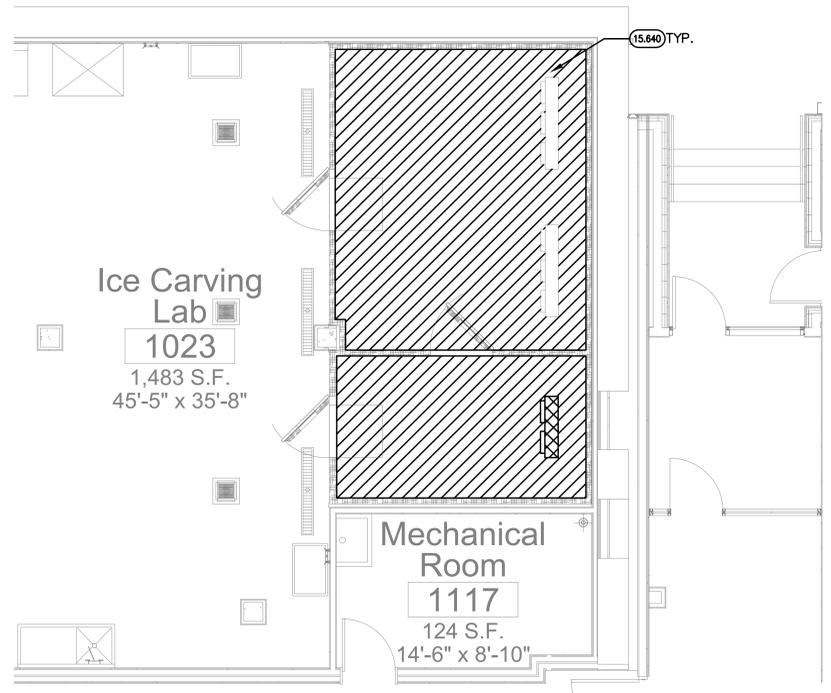
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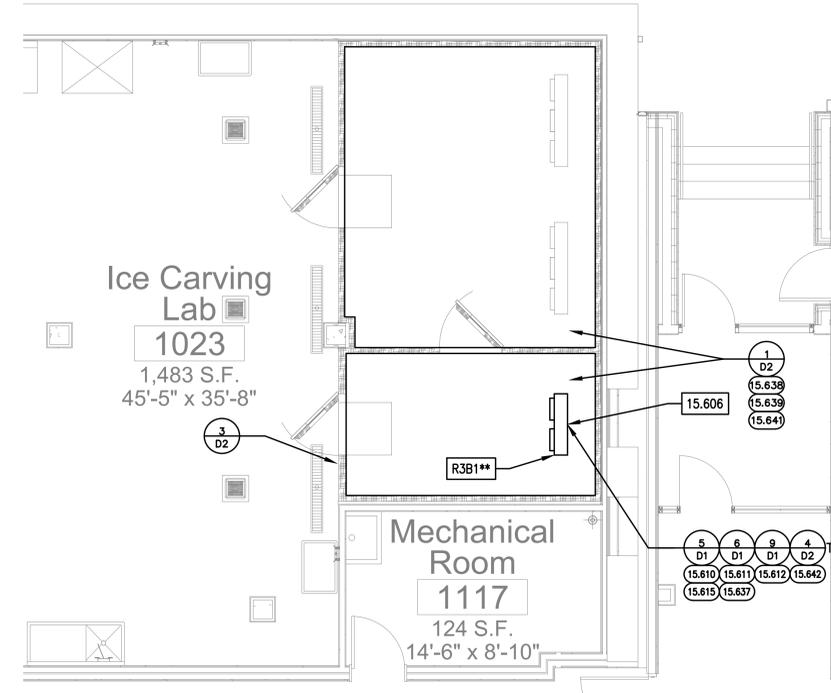
SHEET R601

KEYNOTES		REFRIGERATION SYMBOLS	
15.606	CONDENSATE DRAIN: PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		CIRCUIT NUMBER (CIRCUIT INFO) MODEL NUMBER CLEANOUTS (CO) CONDENSATE DRAIN LINE (CD)
15.610	PROVIDE AIRTIGHT SEAL AROUND ALL PIPING AND BOLT PENETRATIONS THROUGH COOLER/FREEZER BOX WALLS OR CEILINGS. REFER TO FAN COIL UNIT DETAIL.		CONNECT TO EXISTING CONTINUATION
15.611	SUPPORT UNIT COOLERS WITH BOLTS THROUGH ROOF TO 1-5/8" X 1-5/8" X 1/2" LONG 14 GA. GALVANIZED UNISTRUT SPANNING THREE ROOF PANELS. PROVIDE DOUBLE NUTS ON EACH BOLT.		DETAIL NUMBER (DETAIL REFERENCE) PAGE NUMBER
15.612	SEE SCHEDULES FOR UNIT COOLER TYPES, SIZES, AND CAPACITIES; CONTROL METHOD; AND ALL REFRIGERATION PIPING SIZES, ETC.		EVAPORATOR COIL
15.615	CONDENSATE DRAIN: PITCH DRAIN LINES DOWN APPROXIMATELY 1/8" PER 12" TOWARD DRAIN. PROVIDE COPPER PIPING WITH ELECTRIC HEAT TAPE AND INSULATION ON ALL CONDENSATE LINES EXPOSED TO FREEZING TEMPERATURES.		ISOLATION VALVE
15.637	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE AND TOP OF THE RISER.		ELBOW - TURNED DOWN ELBOW TURNED UP
15.638	REPLACE FLOOR PANELS AND MATCH INSULATION R-VALUE OF PREVIOUSLY REMOVED FLOOR. NEW PANELS SHALL BE CLADDED WITH 3/16" ALUMINUM PLATE.		REFRIGERATION KEYNOTE REFERENCE
15.639	INSURE SUBFLOOR IS LEVEL. IF FLOOR IS NOT LEVEL USE GYPSUM-BASED FLOOR LEVELING MATERIAL TO LEVEL FLOOR TO A FF 50 (1/8 INCH PER 10 FEET)		REFRIGERATION PIPING (ABOVE) REFRIGERATION PIPING (BELOW)
15.640	REMOVE AS PER INSTRUCTIONS FROM KOLPAK		DEMO REFRIGERATION PIPING
15.641	INSTALL AS PER INSTRUCTIONS FROM KOLPAK WITH ADDITION OF BUTYL SEALANT. SEE DETAIL PAGE 2 DETAIL NO. 2		EXISTING TO REMAIN
			TYPICAL

GENERAL NOTES	
REFER TO THE PROTO DETAIL LIBRARY, SHEET R3.6 FOR GENERAL NOTES PERTAINING TO THIS SHEET.	
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# CONTRACTOR TO FIELD VERIFY EXISTING RISER SIZE. IF EXISTING PIPE SIZE DOES NOT MATCH SCHEDULE, REPLACE EXISTING RISER WITH NEW SIZE AS SHOWN.	



1 ICE\_CARVING DEMO  
1/4" = 1'-0"



1 ICE\_CARVING INSTALL  
1/4" = 1'-0"

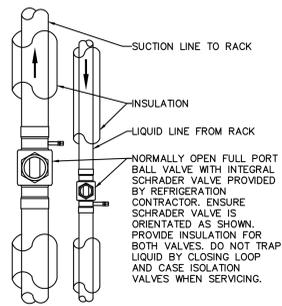
EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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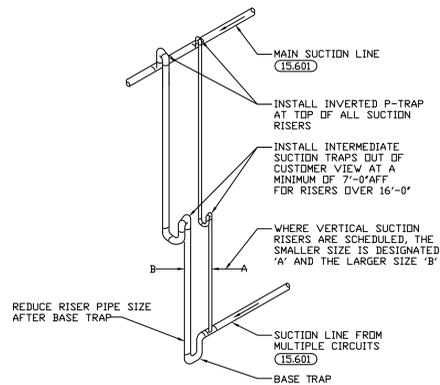
CLIENT NAME - JOLIET JUNIOR COLLEGE  
PROJECT TITLE - REFRIGERATION SYSTEM REVIEW

NO.	REVISIONS	DATE

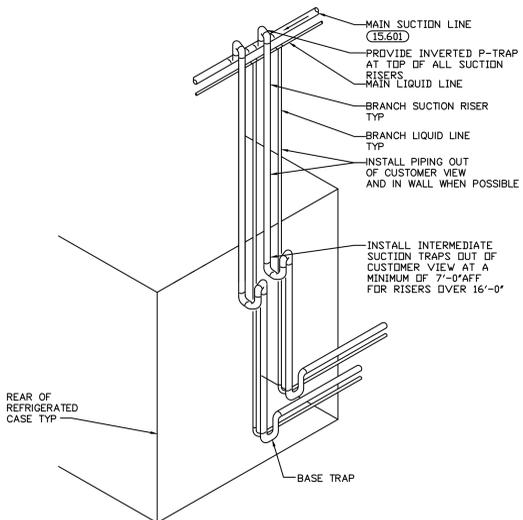
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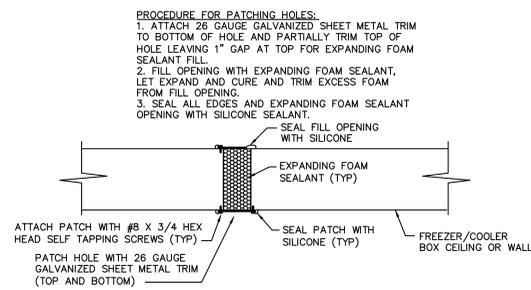
1 REFRIGERATION ISOLATION VALVES  
NTS 03.28.14 REFRIG2.1-4



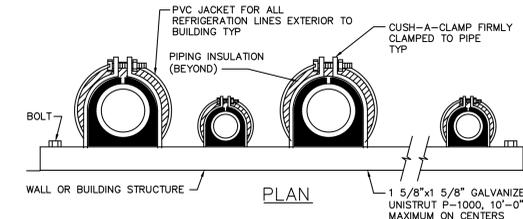
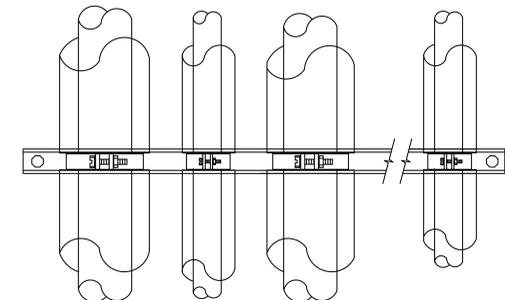
2 VERTICAL SUCTION DOUBLE RISER  
NTS 03.28.14 REFRIG-10



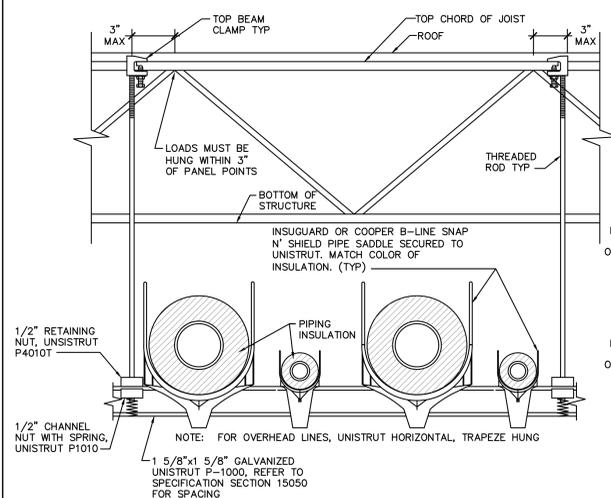
3 INTERMEDIATE SUCTION LINE TRAP  
NTS 05.10.09 REFRIG-9



4 COOLER/FREEZER BOX PENETRATION PLUG  
NTS 06/01/07 REFRIG-5



5 VERTICAL REFRIGERANT LINE SUPPORT  
NTS 06.29.01 REFRIG-3

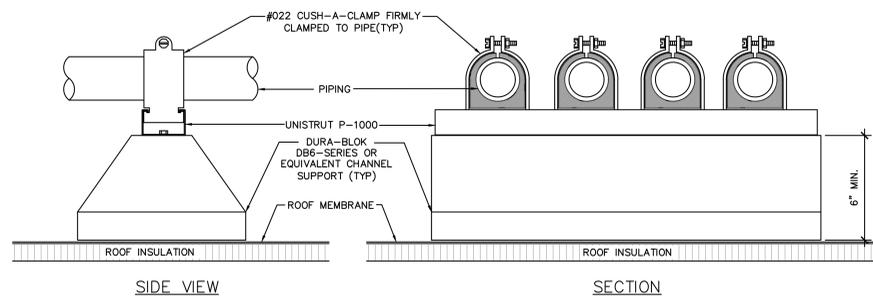


INSUGUARD SIZES		
MAXIMUM PIPING INSULATION OUTSIDE DIAMETER	PART #	
2 1/4"	225	
3 1/4"	325	
4 1/4"	425	
5 1/4"	525	
6 1/4"	625	

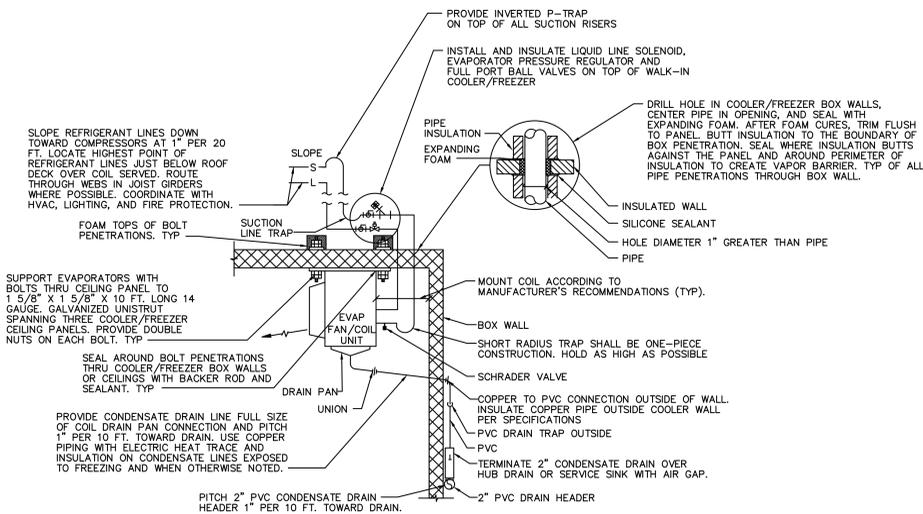
  

SNAP 'N SHIELD SIZES		
MAXIMUM PIPING INSULATION OUTSIDE DIAMETER	PART #	
2 1/4"	BPS225	
3 1/4"	BPS325	
4 1/4"	BPS425	
5 1/4"	BPS525	
6 1/4"	BPS625	

6 HORIZONTAL REFRIGERANT LINE SUPPORT DETAIL  
NTS 08.30.13 REFRIG-4



7 CONDENSER PIPING SUPPORT (ON ROOF)  
NTS 03.28.14 REFRIG2.1-2



8 EVAPORATOR FAN/COIL UNIT  
NTS

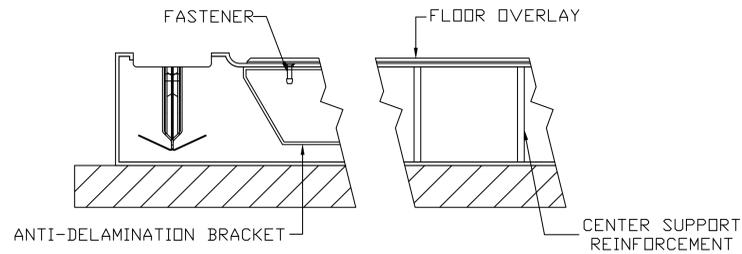
9 UNIT COOLER COIL CONDENSATE PIPING  
NTS 03.28.14 REFRIG2.1-2

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

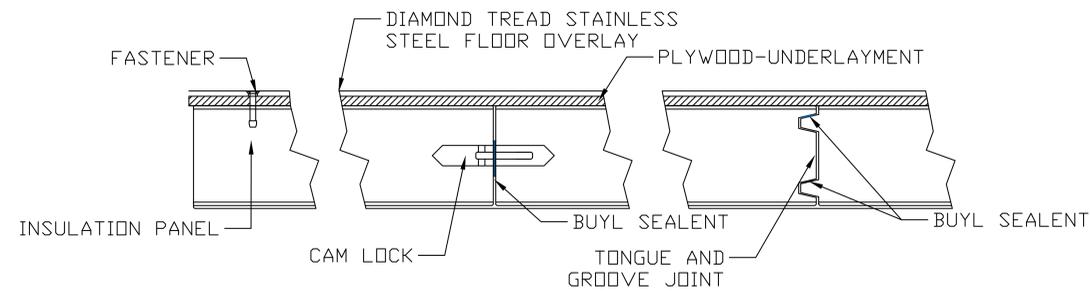
CLIENT NAME - JOLIET JUNIOR COLLEGE  
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1 STRUCTURAL FLOORING FOR ICE LAB  
NTS 08.30.13 REFRIG-4



2 DROP-IN ROLLING CART TRAFFIC FLOOR WITH SEALANT  
NTS 08.30.13 REFRIG-4

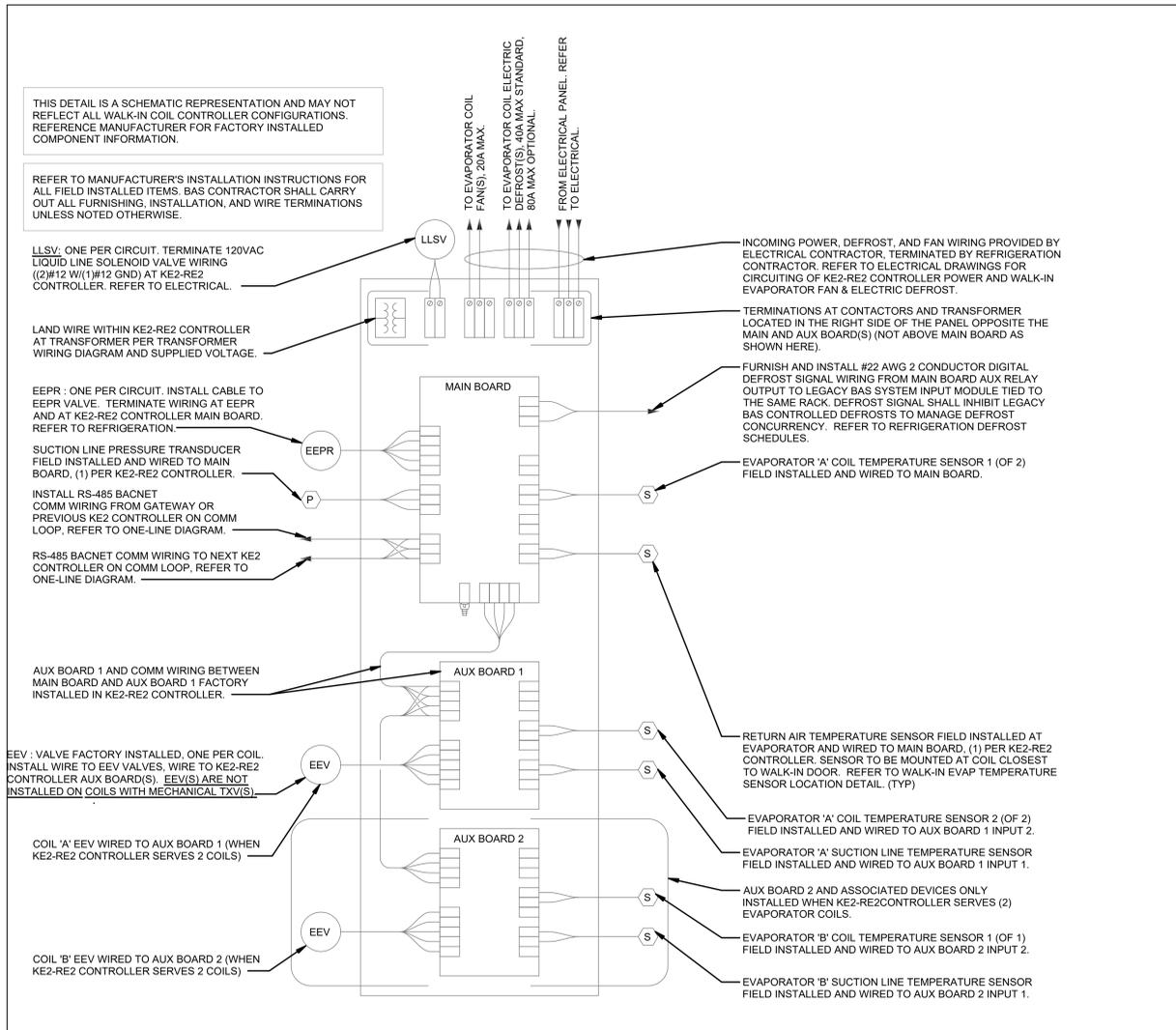
INSTALL TEMPERATURE SENSOR CABLE AND VALVE CONTROL WIRING AND CABLING IN CONDUIT FROM TOP OF COOLER/FREEZER TO WALK-IN CONTROLLER ENCLOSURE. FOR CABLE RUNS >25', REFER TO BAS SUPPLIER INSTRUCTIONS. TYP.

INSTALL CONTROLLER ENCLOSURE. CONTROLLER ENCLOSURE. ENCLOSURES CONTAIN ONE CONTROLLER AND REMOTE DISPLAY.

INSTALL BOTTOM OF CONTROLLER ENCLOSURE 84" AFF MINIMUM ON COOLER/FREEZER. REF PLANS FOR QUANTITY AND LOCATION. COORDINATE PANEL LOCATION WITH DOOR OPENING, PROTECTION, AND RACKING. DO NOT MOUNT ENCLOSURES BELOW REFRIGERATION EQUIPMENT OR PLUMBING LINES. VERIFY WITH MAINTENANCE OR OPERATIONS THAT ENCLOSURES ARE LOCATED IN AN REPRESENTATIVE MANAGER ACCESSIBLE SPACE.

PROVIDE A CUSTOM, DIGITALLY PRINTED AND HIGH-DURABILITY LAMINATED LABEL MOUNTED ON CONTROLLER ENCLOSURES INDICATING THE REFRIGERATION CIRCUIT(S) SERVED BY THE CONTROLLERS WITHIN. LETTERING SHALL BE WHITE, MINIMUM OF 3/4" HIGH, ON A BLACK BACKGROUND.

3 KE2 THERM MOUNTING INSTRUCTIONS  
NTS 08.30.13 REFRIG-4



4 KE2 THERM OEM CONTROLLER WIRING  
NTS 08.30.13 REFRIG-4

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