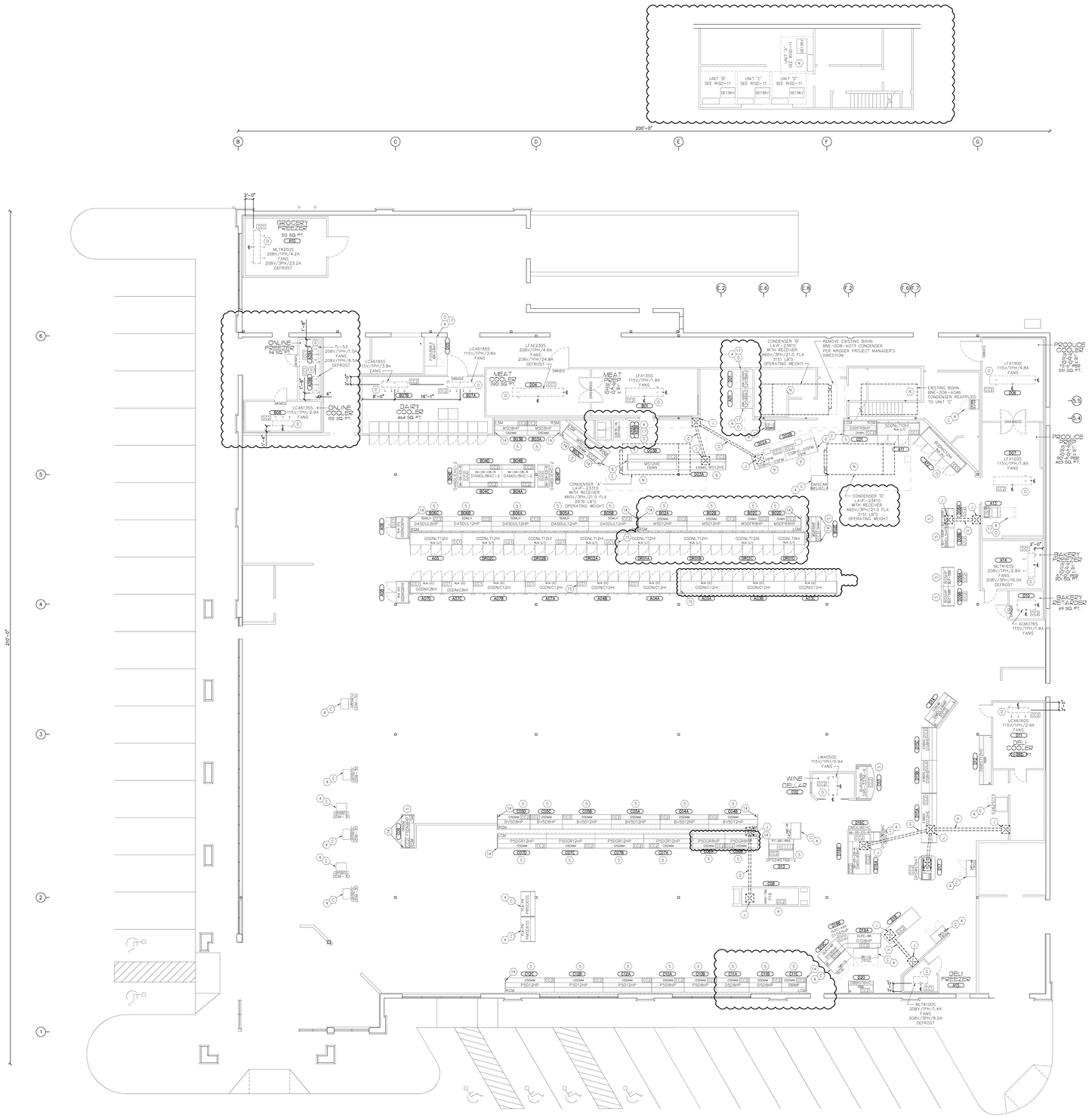

VENDOR BID DATA:

1. CASE COLORS PER FACILITY ENGINEER
2. ALL COOLERS, RETARDERS, FREEZERS AND COILS SUPPLIED BY KROGER.
3. VENDOR SHALL REVIEW COMPRESSOR SELECTIONS STATED ON THE R6.1 REFRIGERATION DRAWING. ANY DEVIATION FROM THIS DATA MUST BE APPROVED BY THE KROGER CO. VENDOR SHALL ALSO REVIEW LINE SIZING DRAWINGS (R1.2, R1.3, R1.4, R1.5, R6.2, R6.3)
4. FIXTURE(S) SHALL BE ORDERED AND PURCHASED SEPARATELY BY THE DIVISION FACILITY ENGINEER.
5. FIXTURE(S) SHALL BE ORDERED AND PURCHASED SEPARATELY THROUGH G.S. PURCHASING AGENT; DIVISION FACILITY ENGINEER TO INITIATE PROCESS.
6. CASE END GUARDS SUPPLIED BY MANUFACTURER.
7. N/A
8. N/A
9. CASE OPEN IN BACK BELOW ELECTRIC RACEWAY FOR CLEANING AND FLOOR DRAIN ACCESS.
10. BACK OF CASE SAME COLOR AS FRONT.
11. SUPPLY DOWNWARD TILT SHELVES FOR FROZEN BAKERY IN GLASS DOOR MERCHANDISER.
12. N/A
13. N/A
14. MIRRORED END
15. PLEXIGLASS DIVIDER
16. N/A
17. DISTRIBUTED UNIT MANUFACTURER TO SUPPLY TEMPERATURE SENSOR FOR REMOTE MONITORING ONLY

REFRIGERATION INSTALLER NOTES:

- A. SUGGESTED LOCATIONS OF PITS AND PVC PIPES FOR THE ROUTING OF REFRIGERATION LINES SHOWN ON PLAN. ALTERNATE ROUTING MAY BE REQUIRED. FIELD CONDITIONS TO BE VERIFIED FOR CONFLICTS AND THE PRACTICALITY OF UTILIZING EXISTING ROUTING. REFRIGERATION LINES NOT ROUTED UNDER FLOOR SHALL BE ROUTED AS HIGH AS PRACTICAL.
- B. RECLAIM LINE SIZING TO BE PER SHEETS R6.2 & R6.3. CONNECTIONS TO BE MADE AT ROOF MOUNTED A.C. UNIT, SEE H.V.A.C. PLAN.
- C. INSTALL SELF-CONTAINED EQUIPMENT.
- D. INSTALL COIL AND ROUTE CONDENSATE PIPING TO NEAREST DRAIN
- E. INSTALL CASE END GUARDS SUPPLIED BY MANUFACTURER.
- F. N/A
- G. 6" PCV PIPE UNDERFLOOR FOR REFRIGERATION LINE ROUTING
- H. 8" PCV PIPE UNDERFLOOR FOR REFRIGERATION LINE ROUTING
- I. N/A
- J. 2'-0" X 2'-0" X 1'-4" DEEP PREFABRICATED PIT BOX FOR REFRIGERATION LINE ROUTING, SEE ASD-159
- K. 1/2" LIQUID INJECTION LINE REQUIRED FROM RECEIVER TO ANY DISTRIBUTED UNIT WITH LOW TEMPERATURE COMPRESSORS.
- L. N/A
- M. N/A
- N. 1/2" BLEED LINE REQUIRED FROM VALVE PACKAGE AT CONDENSER TO SUCTION HEADER.
- O. INSTALLER TO INSTALL AND WIRE TEMPERATURE MONITORING SENSOR PROVIDED BY DISTRIBUTED UNIT MANUFACTURER

GENERAL NOTES:

— CONDENSER LOCATIONS ARE APPROXIMATE, MOVE NO MORE THAN 20 LINEAR FEET IF NECESSARY TO AVOID CONFLICT WITH AC UNITS, SKYLIGHTS, OR OTHER OBSTRUCTIONS. AVOID CONDENSER AC CAUSES SHALL BE THEIR WIDTH FROM WALLS OR OTHER CONDENSERS, AND NO CLOSER THAN 10' FROM EDGE OF BUILDING. AVOID LOCATIONS NEAR EXHAUST FANS, PLUMBING VENTS, FLUES, OR CHIMNEYS. CONDENSERS TO BE MOUNTED LEVEL ON NON-SLOPED INSULATED ROOF CURBS ADJUSTED IN FIELD. ROTATE 90 DEGREES IF NECESSARY TO FACILITATE MOUNTING PERPENDICULAR TO ROOF JOISTS.

— PROVIDE A SINGLE 120V RECEPTACLE MOUNTED ON WALL BELOW EACH FREEZER COIL FOR CONDENSATE DRAIN LINE HEAT TAPE. RECEPTACLE TO BE EQUIPPED WITH A CONTINUOUS OPERATION WEATHERPROOF COVER & TIED TO A 20A G.F.I. BREAKER.

FOLLOWING NOTE APPLIES TO ALL COOLING COILS AND DISPLAY MERCHANDISERS:

DISPLAY MERCHANDISERS – THE FOLLOWING COMPONENTS WILL BE PROVIDED, INSTALLED, AND WIRED BY EQUIPMENT OEM. SEE CONTROL DETAILS ON EM DRAWINGS

COOLER/FREEZER COOLING COILS – THE FOLLOWING COMPONENTS WILL BE OEM INSTALLED & WIRED TO A CENTRAL LOCATION AND TAGGED. SEE CONTROL DETAILS ON EM DRAWINGS

- (1) PRESSURE TRANSDUCER INSTALLED AT OUTLET OF EVAPORATOR (P0)
- (1) TEMPERATURE SENSOR MOUNTED ON SUCTION LINE LEAVING EVAPORATOR (S2)
- (1) TEMPERATURE SENSOR MOUNTED IN RETURN AIR STREAM INLET TO EVAPORATOR (S3)
- (1) TEMPERATURE SENSOR MOUNTED IN DISCHARGE AIR STREAM OUTLET TO EVAPORATOR (S4)
- (1) TEMPERATURE SENSOR MOUNTED IN THE EVAPORATOR IN LIEU OF KLIXON TYPE TEMPERATURE TERMINATION (S5, USED ON APPLICATIONS WITH ELECTRIC DEFROST ONLY)

CONTROL NOTES:

CC1 DANFOSS MODEL AK-CC 550A CASE CONTROLLER(S) AND ASSOCIATED COMPONENTS IN ENCLOSURE PROVIDED BY REFRIGERATED CASE OR COOLING COIL SUPPLIER. REFRIGERATION EMS INSTALLER TO WIRE INPUTS & OUTPUTS FROM SENSORS TO CONTROLLER WHEN FIELD MOUNTED. REFRIGERATED MERCHANDISER SUPPLIES LED WIRE HARNESS. OUTPUTS ON CASE MOUNTED CONTROLLERS. EMS INSTALLER TO WIRE NETWORK COMMUNICATION. ELECTRICIAN TO CONNECT 120V CONTROL POWER AND 208V DEFROST POWER

CC2 DANFOSS MODEL AK-CC 550A CASE CONTROLLER(S) AND ASSOCIATED COMPONENTS IN ENCLOSURE PROVIDED BY REFRIGERATED CASE OR COOLING COIL SUPPLIER. REFRIGERATION EMS INSTALLER TO WIRE INPUTS & OUTPUTS FROM SENSORS TO CONTROLLER WHEN FIELD MOUNTED. REFRIGERATED MERCHANDISER SUPPLIES LED WIRE HARNESS. OUTPUTS ON CASE MOUNTED CONTROLLERS. EMS INSTALLER TO WIRE NETWORK COMMUNICATION. ELECTRICIAN TO CONNECT 120V CONTROL POWER

SHEET INDEX:

R1.1 (THIS SHEET) REFRIGERATION EQUIPMENT PLAN
R1.2 REFRIGERATION UNDERFLOOR PIPING
R1.3 REFRIGERATION MAIN PIPING
R1.4 REFRIGERATION DROP PIPING
R1.5 REFRIGERATION DISCHARGE AND HEAT RECLAIM PIPING
R5.1 REFRIGERATION STANDARD DETAILS
R6.1 REFRIGERATION EQUIPMENT SCHEDULE
R6.2 REFRIGERATION PIPING SCHEDULES (1)
R6.3 REFRIGERATION PIPING SCHEDULES (2)

LEGEND:

HATCHING DESIGNATES REFRIGERATED CASES TOP PIPED BY OEM

(AA) DISTRIBUTED UNIT CIRCUIT DESIGNATION
- CIRCUIT LETTER (FOR CIRCUITS WITH MORE THAN ONE LOAD)
- CIRCUIT NUMBER
- DISTRIBUTED UNIT DESIGNATION

GENERAL NOTES :

ALL EQUIPMENT IS TO BE CONSIDERED NEW UNLESS NOTED OTHERWISE. ALL FUTURE EQUIPMENT NOT SHOWN ON PLAN AND PROVIDED BY THE EQUIPMENT SHALL BE CONSIDERED THE COMPLETE RESPONSIBILITY OF KROGER ENGINEER.

INFORMATION FOR EXISTING STORE FROM ARCHITECTURAL PLANS, ELEVATIONS, AND KROGER PLANS AND SPECS. EXISTING CONDITIONS MUST BE FIELD VERIFIED FOR ACTUAL CONDITIONS. CONTACT THE KROGER PROJECT MANAGER WITH QUESTIONS.

NOTE:
THIS DRAWING IS INTENDED ONLY TO SHOW THE REQUIREMENTS OF THE KROGER CO. THE DESIGN OF THE BUILDING TO CONFORM TO ALL APPLICABLE LAWS, CODES, ORDINANCES, AND REGULATIONS OF THE JURISDICTION HAVING JURISDICTION IS THE RESPONSIBILITY OF THE ARCHITECT EMPLOYED BY THE OWNER.

MICHIGAN RE-FRESH FARE

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TAKEOVER

D-361

425 NORTH CENTER
NORTHVILLE, MI

CURRENT PLAN DATE: 8/21/2015
ORIGINAL PLAN DATE: 6/1/15
DRAWN: GIGLIO
CHECKED:

REVISIONS:

JBC	6/9/15	E1 8/21/15

STANDARD PLOTTED SCALE: 1/128" = 1'-0"

BUILDING STATS:

TOTAL SHELVING	1057 LF
SALES AREA % OF GROSS BUILDING	23,180 SF 64 %
BASE STORE	33,049 SF
MEZZANINE	962 SF
DOCK / UTILITY	2,386 SF

GROSS BUILDING 36,397 SF

REFRIGERATION EQUIPMENT PLAN

STEEL PACKAGE ID: Not Applicable

D-361

SHEET: R1.1

CAD FILE: D361R1.1.DWG