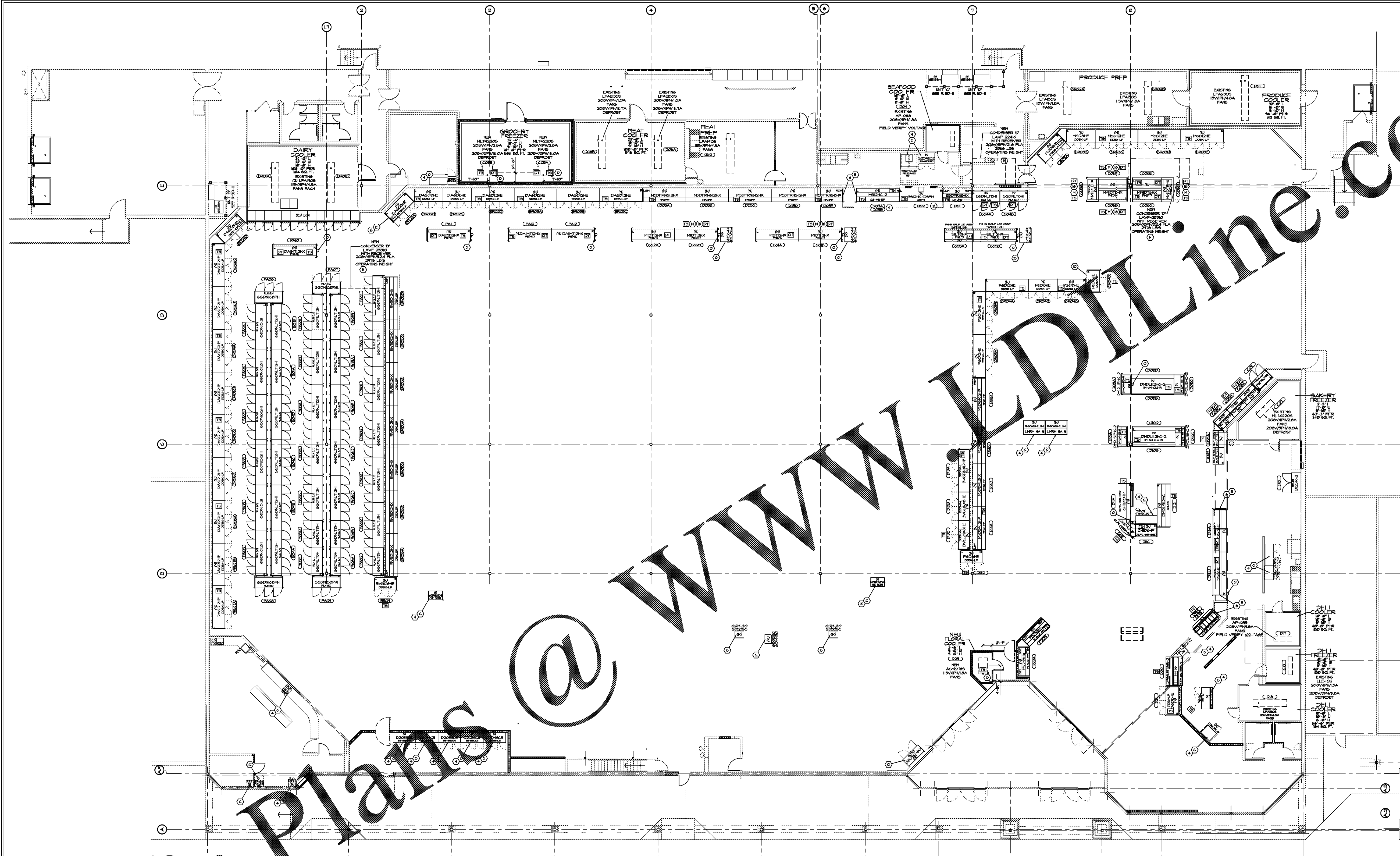

REFRIGERATION PLAN

SCALE: 3/32" = 1'-0"

LEGEND:

- TS — TEMPERATURE SENSOR
- DT — DEFROST TERMINATION THERMOSTAT
- (2##?) DISTRIBUTED UNIT CIRCUIT DESIGNATION
  - CIRCUIT LETTER (FOR CIRCUITS WITH MORE THAN ONE LOAD)
  - CIRCUIT NUMBER
  - DISTRIBUTED UNIT DESIGNATION

VENDOR BID DATA:

1. CASE COLORS PER KROGER PROJECT MANAGER
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 DRAWING (R1.2)
4. FIXTURE(S) SHALL BE ORDERED AND PURCHASED SEPARATELY BY THE KROGER PROJECT MANAGER
5. ALL REMOTE GLASS DOOR AND MULTI-DECK MERCHANDISERS TO BE TOP PIPED BY OEM UNLESS NOTED OTHERWISE
6. CASE END GUARDS SUPPLIED BY MANUFACTURER.
7. NOT USED
8. NOT USED
9. CASE OPEN IN BACK BELOW ELECTRIC RACEWAY FOR CLEANING AND FLOOR DRAIN ACCESS.
10. BACK OF CASE SAME COLOR AS FRONT.
11. NOT USED
12. NOT USED
13. NOT USED
14. ALL FOUR AND FIVE DECK MEDIUM TEMPERATURE CASES TO HAVE MIRRORED ENDS UNLESS NOTED OTHERWISE
15. PLEXIGLASS DIVIDER
16. OEM TO PROVIDE CASES WITH DUAL-TEMPERATURE CONTROL KITS INSTALLED

REFRIGERATION INSTALLER NOTES:

A. LOCATIONS OF PVC RISERS FOR THE ROUTING OF REFRIGERATION LINES SHOWN ON PLAN. FIELD CONDITIONS TO BE VERIFIED FOR CONFLICTS. CARE SHOULD BE TAKEN IN ROUTING OF LINES TO MINIMIZE INTERFERENCE WITH SKYLIGHT OPENINGS. REFRIGERATION LINES SHALL BE ROUTED AS HIGH AS PRACTICAL.

B. RECLAIM LINE SIZING TO BE PER SHEET 'R1.2'. 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. REFRIGERANT PIPING REQUIRED FOR HEAT RECLAIM WATER HEATER, SEE PSD-6R.

G. NOT USED

H. NOT USED

I. NOT USED

J. NOT USED

K. NOT USED

L. EXISTING REFRIGERATION PIPING TO BE REAPPLIED WHERE PRACTICAL. IT'S THE PIPING INSTALLER'S RESPONSIBILITY TO REPLACE EXISTING PIPING AND INSULATION AS REQUIRED TO CONFORM TO THE REFRIGERATION CONDENSING EQUIPMENT MANUFACTURER'S RECOMMENDATIONS FOR THE REFRIGERATION LOAD SERVED.

M. INSTALLER TO ADJUST DUAL-TEMPERATURE EPR VALVE AT START UP PER CASE MANUFACTURER'S MEDIUM TEMPERATURE SPECIFICATIONS

N. 1/2" BLEED LINE REQUIRED FROM VALVE PACKAGE AT CONDENSER TO SUCTION HEADER.

O. SUGGESTED LOCATION OF REFRIGERATION PIPING RISER. SEE RISD-36 & RISD-36A.

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. LOCATE CONDENSERS NO CLOSER THAN 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.
- REFRIGERATION INSTALLER RESPONSIBLE FOR INSTALLING ALL REFRIGERATION PIPING SHOWN ON R1.2 DRAWING. REFRIGERATION PIPING NOT SHOWN TO BE SIZED AND INSTALLED PER TABLES ON R1.2

CONTROL NOTE:

- ALL CIRCUIT CONTROLS REQUIRED FOR NEW REFRIGERATION SYSTEMS TO BE SIZED AND PROVIDED BY REFRIGERATION OEM. ANY ADDITIONAL CIRCUIT CONTROLS REQUIRED TO ACCOMPLISH REMODEL TO BE SIZED AND PROVIDED BY REFRIGERATION INSTALLER. SUITABILITY OF RETAINING EXISTING CONTROLS FOR MODIFIED SYSTEMS TO BE CONFIRMED BY REFRIGERATION INSTALLER. VERIFY VALVE PRESSURE DROPS AND OPERATION WHEN NEW LOADS DIFFER FROM EXISTING. CONTROLS TO BE INSTALLED IN ACCESSIBLE LOCATIONS PROTECTED FROM DAMAGE.

SHEET INDEX:

- R1.1 (THIS SHEET) REFRIGERATION EQUIPMENT PLAN
- R1.2 REFRIGERATION MAIN PIPING
- R5.1 REFRIGERATION STANDARD DETAILS
- R6.1 REFRIGERATION EQUIPMENT SCHEDULE

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REFRIGERATION EQUIPMENT PLAN

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ISSUE DATE: JANUARY 29, 2018

PROJECT NO.: 217156

SHEET NUMBER: R1.1

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