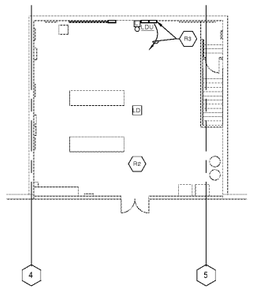
REFRIGERATION KEYNOTE LEGEND

Key Value	Keynote Text
R1	PROVIDE (1) SET OF BELDIN #88761 #22-2 SHIELDED CABLE FOR EACH TEMPERATURE SENSOR AND DEFROST TERMINATION SENSOR SHOWN. PROVIDE 3/4" CONDUIT UNLESS NOTED OTHERWISE TO REFRIGERATION UNIT NOTED ON DRAWING. PROVIDE LENGTH OF CABLE AS REQUIRED. SEE REFRIGERATION PLANS FOR MORE INFORMATION.
R2	CONTRACTOR TO PROVIDE ALL ELECTRICAL DEVICES (WIRING, CONDUIT, BREAKERS, ETC.) AS REQUIRED FOR NEW REFRIGERATION CIRCUITS AS INDICATED ON REFRIGERATION PLANS. PROVIDE NEW BREAKER(S) AND WIRING AS REQUIRED FOR ALL REFRIGERATION RACKS WITH MODIFIED LOADS. COORDINATE EXACT REQUIREMENTS WITH REFRIGERATION INSTALLER PRIOR TO ROUGH-IN. SEE REFRIGERATION PLANS AND EMS INSTALLATION SPECIFICATIONS (SECTION 114146-00) FOR MORE INFORMATION.
R3	LEAK DETECTION CONTROL PANEL TO BE MOUNTED ON COMPRESSOR MEZZANINE. COORDINATE EXACT LOCATION WITH KROGER PROJECT MANAGER. CONTRACTOR TO PROVIDE 120V CIRCUIT FROM NEARBY ELECTRICAL PANEL WITH AVAILABLE CAPACITY. PROVIDE ALL ELECTRICAL DEVICES AS REQUIRED. SEE SHEET EM-3 AND SPECIFICATION SECTION 11 41 46 FOR MORE INFORMATION. MAKE ALL FINAL CONNECTIONS.
R4	FIELD LOCATE LEAK DETECTION SENSOR INSIDE RETURN DUCT PER SPECIFICATION SECTION 11 41 46. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
R5	LEAK DETECTION SENSOR TO BE MOUNTED ON COLUMN NEAR FROZEN GLASS DOOR CASES PER SPECIFICATION SECTION 11 41 46. COORDINATE EXACT LOCATION WITH KROGER PROJECT MANAGER. MAKE ALL FINAL CONNECTIONS.



2 / 1.3.1A ELECTRICAL REFRIGERATION PLAN -REAR MEZZANINE
3/32" = 1'-0"

REFRIGERANT LEAK DETECTION SYMBOL LEGEND

L	REFRIGERANT LEAK DETECTION HORN AND STROBE. PROVIDE AND INSTALL ALL CONDUIT, WIRING, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. SEE SPECIFICATION SECTION 11 41 46 AND SHEET EM-7 FOR MORE INFORMATION.
L	REFRIGERANT LEAK DETECTION STROBE ONLY. PROVIDE AND INSTALL ALL CONDUIT, WIRING, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. SEE SPECIFICATION SECTION 11 41 46 AND SHEET EM-7 FOR MORE INFORMATION.
LD	LEAK DETECTION SENSOR. PROVIDE AND INSTALL SENSOR, CONDUIT, WIRING, TUBING, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. SEE SPECIFICATION SECTION 11 41 46 AND MECHANICAL PLANS FOR MORE INFORMATION.

NOTE 1: PROVIDE 120V CIRCUIT, FROM NEAREST 120V PANEL WITH CAPACITY, FOR LEAK DETECTION SYSTEM POWER RELAYS AS REQUIRED. SEE SPECIFICATION SECTION 11 41 46 FOR MORE INFORMATION. COORDINATE LOCATION OF RELAYS WITH KROGER PROJECT MANAGER.

NOTE 2: INSTALL LEAK DETECTION SENSOR IN MECHANICAL HOUSE ON ROOF. INSTALL (1) HORN/STROBE INSIDE AND (1) HORN STROBE OUTSIDE MECHANICAL HOUSE. COORDINATE LOCATIONS WITH KROGER PROJECT MANAGER.

NOTE 3: ADDITIONAL LEAK DETECTION SENSORS REQUIRED IN RTU RETURN DUCTS. SEE HVAC PLANS AND SPECIFICATION SECTION 11 41 46 FOR MORE INFORMATION.

REFRIGERANT LEAK DETECTION ZONE SCHEDULE

ZONE 1: DAIRY COOLER

ZONE 2: GROCERY FREEZER

ZONE 3: MEAT PREP AND MEAT COOLER

ZONE 4: BAKERY FREEZER AND BAKERY RETARDER

ZONE 5: PRODUCE COOLER

ZONE 6: PRODUCE PREP

ZONE 7: RTE DELI COOLER AND DELI FREEZER

ZONE 8: RAW COOLER

ZONE 9: FLORAL COOLER

ZONE 10: CLICK LIST COOLER AND CLICK LIST FREEZER

ZONE 11: COMPRESSOR MEZZANINE

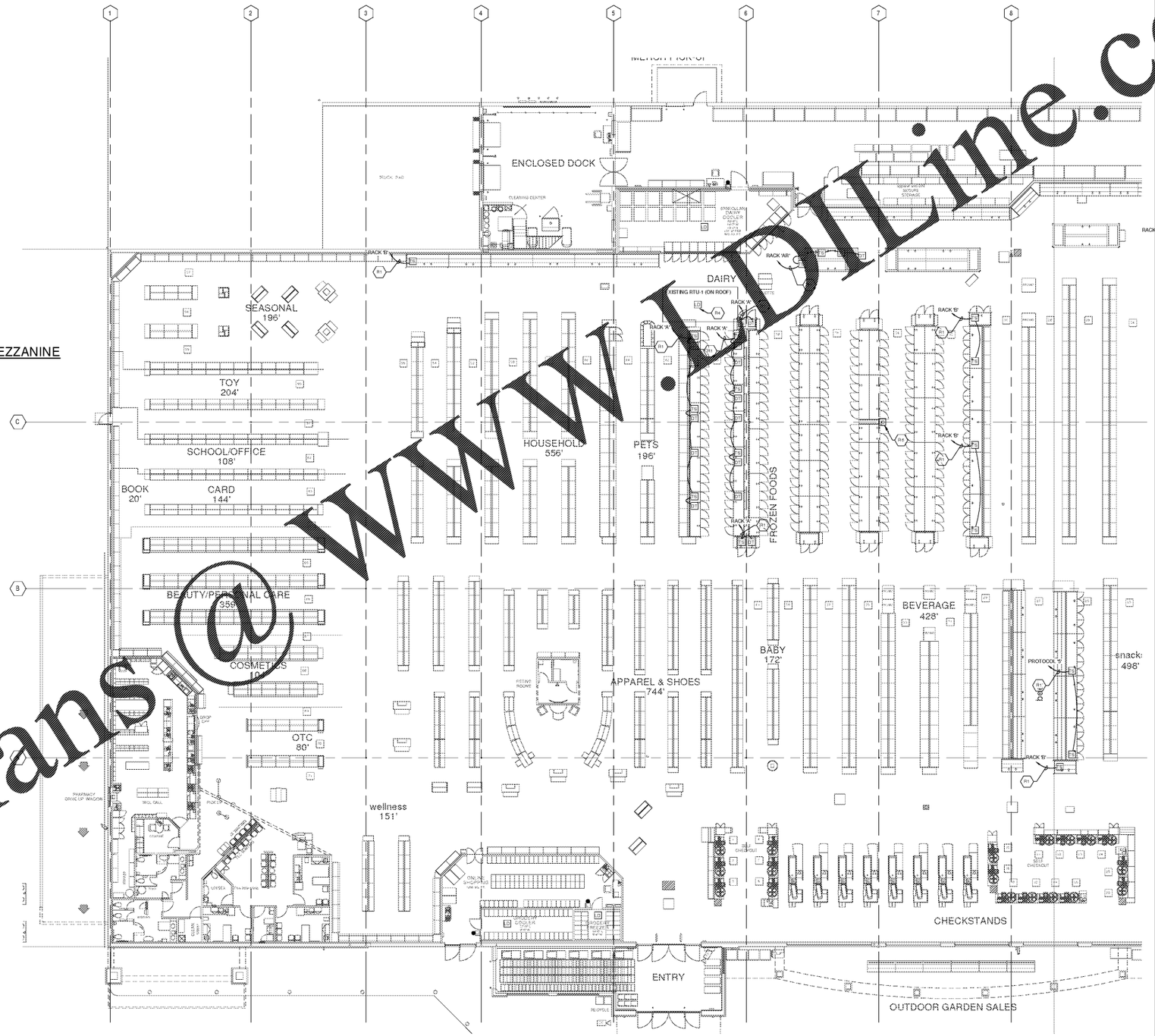
ZONE 12: RETURN AIR DUCK (RTU-1). SEE HVAC PLANS.

ZONE 13: BAKERY BACK ROOM PROTOCOL LOCATION

ZONE 14: BACKSTOCK AREA PROTOCOL LOCATION

ZONE 15: SALES FLOOR (DELI CASE)

ZONE 16: SALES FLOOR (FROZEN FOOD CASE)



ELECTRICAL REFRIGERATION PLAN - LEFT
3/32" = 1'-0"

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1600 Ormsby Station Court, Louisville, KY 40223

REVISIONS

TITLE: ELECTRICAL REFRIGERATION PLAN - LEFT

DATE: 01-25-18

PROJECT NUMBER: 17-125

SHEET NUMBER: E1.3.1A

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