

LEAK DETECTION SYSTEM OF OPERATIONS

THE SYSTEM IS BASED ON A CPC MRJD-250 LEAK DETECTOR SYSTEM WHICH PROVIDES CONTINUOUS MONITORING OF REFRIGERANT GAS LEVELS IN SEPARATE TEST ZONES.

THE ON-BORD ANALYZER WILL TRIGGER AN ALARM IF ANY OF THE ZONES CONTAIN REFRIG-
RANT LEVELS HIGHER THAN THOSE SPECIFIED
BY THE USER.

THE MRJD-250 IS CONNECTED TO THE CPC LEAK
DETECTION SYSTEM LOCATED WITHIN THE
MECHANICAL ROOM.

THE SYSTEM WILL BE PROGRAMMED FOR THREE
TYPES OF ALARMS:

- LEAK (SMALL - 100 PPM)
- SPELL (MEDIUM - 300 PPM)
- EVACUATION (LARGE - 500 PPM)

LIQUID LINE SOLENOID VALVE —
FOR LEAK DETECTION SHUTDOWN
(FIELD INSTALLED ON TOP OF
WALK-IN BOX)

SUCTION LINE CHECK VALVE —
FOR LEAK DETECTION SHUTDOWN
(FIELD INSTALLED ON TOP OF
WALK-IN BOX)

LIQUID LINE

SUCTION LINE

TYPICAL EVAPORATOR COIL

AIR FLOW

WARNING LIGHT AND HORN
FIELD INSTALLED OUTSIDE OF
WALK-IN DOOR

ALUMINUM HORN SILENCE
BUTTON

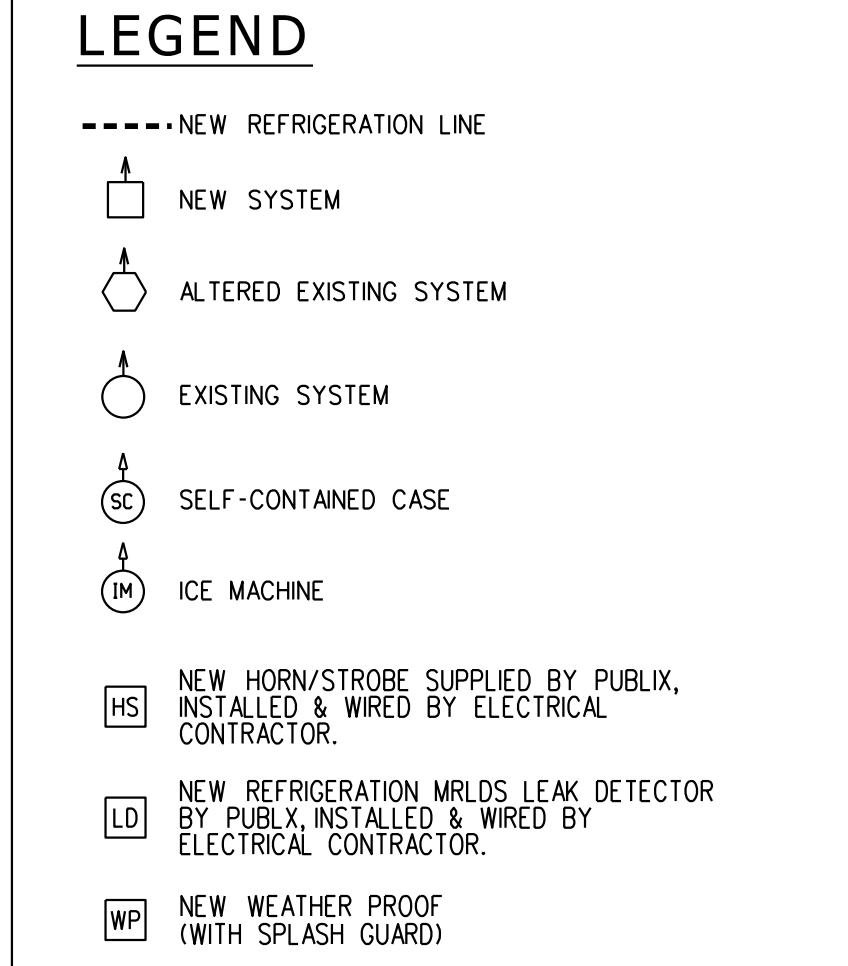
SEALED COOLER/FREEZER
BOX

REFRIGERATION
LEAK DETECTOR —
90" AFF FOR
50" WALK-IN BOX
78" AFF FOR
8" WALK-IN BOX
(SEE S-SHEET 5)

**HORN/STROBE
AND SENSOR LOCATION**

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N.T.S.



NOTES:
REMOTE CASE: REFRIGERATION CONTRACTORS SHALL DISCONNECT PIPING AND REMOVE OR RELOCATED CASE(S) TO NEW LOCATION.
SELF-CONTAINED CASE: REFRIGERATION CONTRACTORS TO REMOVE AND OR MOVE TO NEW LOCATION.
DRAIN PAN NOTE:
FOR ALL OVERHEAD REFRIGERATION PIPING ABOVE FOOT PATH AREA OF SALES FLOOR, THE REFRIGERATION INSTALLATION CONTRACTOR SHALL PROVIDE AND INSTALL DRAIN PANS AS PER TYPICAL DETAIL 7 ON SHEET RFL.
REFRIGERATION AND PLUMBING CONTRACTORS SHALL COORDINATE REFRIGERATION DROPS AND VENT PIPES TO RUN BUNDLED TOGETHER.
OVERHEAD PIPING NOTE:
REFRIGERATION INSTALLATION CONTRACTOR TO RUN NEW OVERHEAD LINES ALONG EXISTING PIPING WHERE FEASIBLE.
HEAT RECLAIM NOTE:
EXISTING AIR HEAT RECLAIM AND WATER HEAT RECLAIM TO REMAIN.

PROJECT NAME: PUBLIX AT CRYSTAL SPRINGS SHOPPING CENTER #0797
 6760 W GULF TO LAKE HIGHWAY
 CRYSTAL RIVER, FLORIDA 34429-0948
 SHEET TITLE: REFRIGERATION FLOOR PLAN
 SCALE: 1/4" = 1'-0"