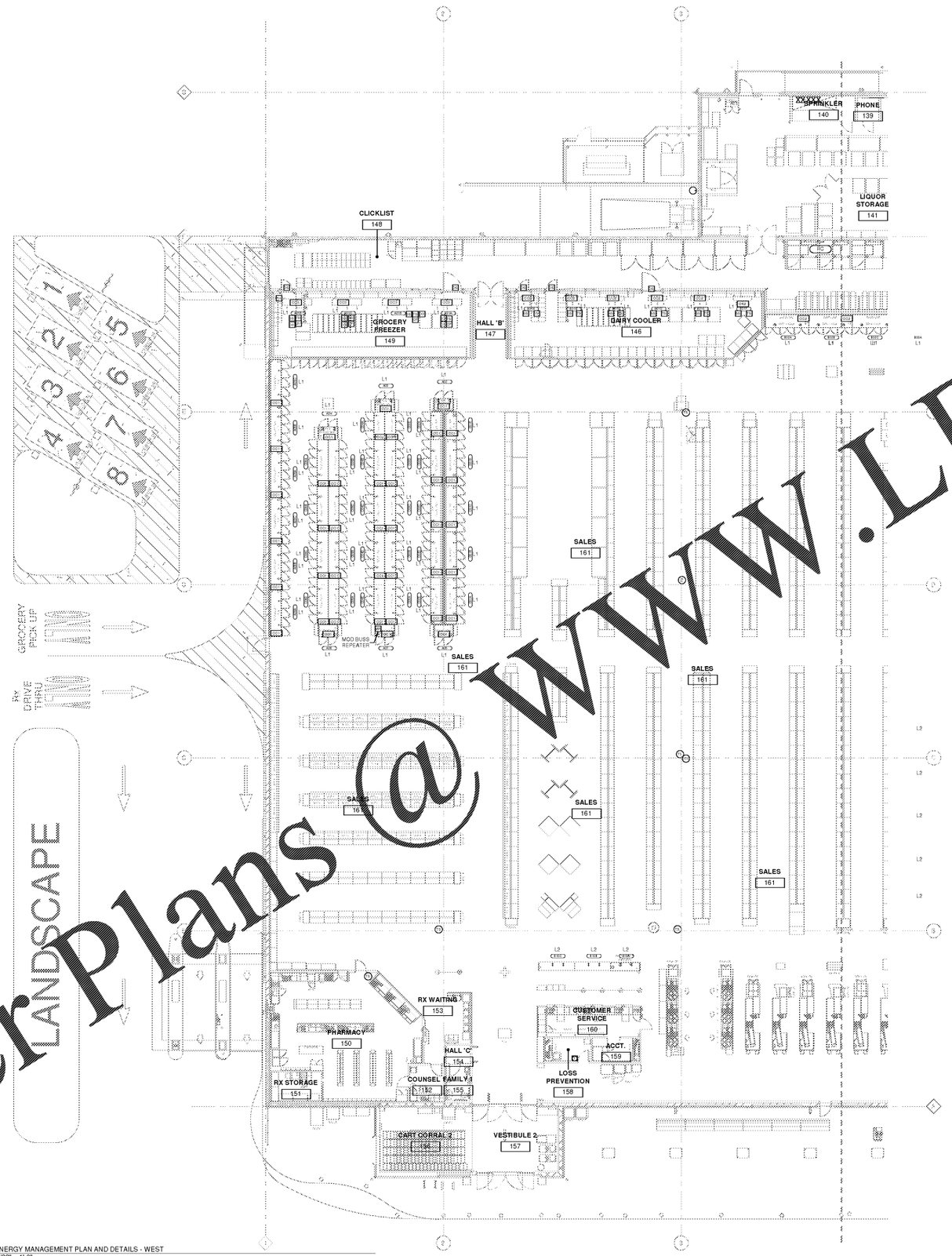

1 ENERGY MANAGEMENT PLAN AND DETAILS - WEST
3/32" = 1'-0"

GENERAL NOTES

A. REFER TO EM SERIES SHEETS FOR ALL RELATED SCHEDULES, DETAILS, ETC. RELATING TO THIS PLAN.
B. PROVIDE A MINIMUM OF (2) 1" CONDUITS FOR EACH REFRIGERATION CIRCUIT, CONSISTING OF (1) CONDUIT FOR LOW VOLTAGE AND (1) FOR LINE VOLTAGE.
C. FURNISH AND INSTALL ALL WIRES AND CABLES. PROVIDE FINAL TERMINATIONS FOR ALL LINE VOLTAGE WIRING U.N.O. REFRIGERATION CONTRACTOR SHALL MAKE FINAL TERMINATIONS AT BOTH ENDS OF LOW VOLTAGE WIRES/CABLES AND DEFROST WIRING. PROVIDE SUFFICIENT SLACK AT BOTH ENDS TO ALLOW FOR SERVICE LOOPS AND TO FACILITATE PROPER TERMINATIONS. ELSEWHERE, INCLUDING RELATED POWER WIRING SHOWN ON OTHER DRAWING SHEETS, PROVIDE ALL REQUIRED TERMINATIONS.
D. IF A DISCREPANCY EXISTS BETWEEN THIS DRAWING AND THE SPECIFICATIONS, REFER TO KROGER PROJECT ENGINEER FOR RESOLUTION.
E. WHERE APPLICABLE FOR ISLAND TYPE CASE LOCATIONS, INSTALL CONDUIT BELOW SLAB AND PROVIDE OUTLET BOXES SURFACE MOUNTED JUST ABOVE FLOOR SLAB.
F. REFER TO EQUIPMENT SCHEDULES ON E5-SERIES DRAWINGS FOR MOUNTING HEIGHTS AND ADDITIONAL INFORMATION. ALSO SEE DETAILS ON SHEET E5-SERIES DRAWINGS WHERE APPLICABLE.
G. INSTALL ELECTRICAL OUTLETS FOR REFRIGERATION ISLAND CASES IN A STRAIGHT LINE ALIGNED WITH THE HUB DRAWING. COORDINATE WITH PLUMBING DIMENSIONS SIGNED PLAN.
H. ALL DIMENSIONS INDICATED ON PLANS THAT ARE FROM EXTERIOR PARTITIONS WHERE THE RETURN AIR SHAFT IS INDICATED ARE TAKEN FROM THE SALES AREA SIDE OF THE ROOF DECK HIGH PARTITION, NOT THE RETURN AIR SHAFT PARTITION.
I. COORDINATE THE UNDERSLAB CONDUIT AND RACEWAY LAYOUT WITH ALL AFFECTED PARTIES.
J. PROVIDE 10 FEET OF FLEXIBLE CONDUIT FOR REFRIGERATED CASES SERVED FROM WALL FUNCTION PACKS AND 6 FEET FOR ISLAND REFRIGERATED CASES. CONNECTION TO CASES IS THE PHASE II EQUIPMENT CONTRACTOR'S RESPONSIBILITY.
K. ALL WIRING ENTERING CASES SERVING REFRIGERATED CASES WITH REFRIGERATION ALARMS SHALL BE AWG #18 MINIMUM (WITH ALL WIRING
L. [illegible] OF ALL EQUIPMENT AND FOR GENERAL DIMENSIONAL INFORMATION. NOTES SHOWN SCHEMATICALLY APPLY FOR
M. [illegible] DEFROST SYMBOLS SHOWN ON THE PLAN, BUT THE EQUIPMENT IS INDICATED IN THE DEFROST WIRING SCHEDULE, THEN ROUGH-IN THE CONDUIT AND [illegible] BOX (WITH BLANK PLATE) FOR FUTURE [illegible].
REFER TO [illegible] FOR MOUNTING SPECIFICS (LOCATIONS, HEIGHTS, ETC.) FOR [illegible] PROTOCOL UNIT ACCESSORIES AND ANCILLARY EQUIPMENT.
O. [illegible] REFRIGERATION PITS SHOWN FOR REFERENCE ONLY. B.E.C. TO COORDINATE REFRIGERATION TRENCHES FOR ELECTRICAL CONDUIT WHERE EVER POSSIBLE. COORDINATE ALL TRENCHES WITH REFRIGERATION CONTRACTOR AND GENERAL CONTRACTOR. B.E.C. IS RESPONSIBLE FOR ANY ADDITIONAL UNDERFLOOR TRENCHES AS REQUIRED BY ELECTRICAL DRAWINGS.

CASE CONTROLLER NOTES

A. CC1 SHOWN FOR LOW-TEMPERATURE CASES. CC2 SHOWN FOR MEDIUM-TEMPERATURE CASES.
B. UP TO 32 CASE CONTROLLERS/DEVICES MAY BE CONNECTED TO A SINGLE LOOP. PROVIDE (2) LOOPS PER PROTOCOL UNIT AS SHOWN. PROVIDE A REPEATER IF/WHERE MORE THAN 32 CASE CONTROLLERS/DEVICES ARE SHOWN PER LOOP.

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OWNER

Kroger

DATE	ISSUE
10/23/2018	90% OWNER REVIEW
11/01/2018	100% BIDPERMIT

DATE	REVISION

PROJECT TITLE
KROGER STORE
R543

MERCURY BLVD.
HAMPTON, VA

COMMISSION NO. 517315
ISSUE DATE 10/23/2018

SHEET TITLE
ENERGY MANAGEMENT PLAN AND DETAILS - WEST

SHEET NO.
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