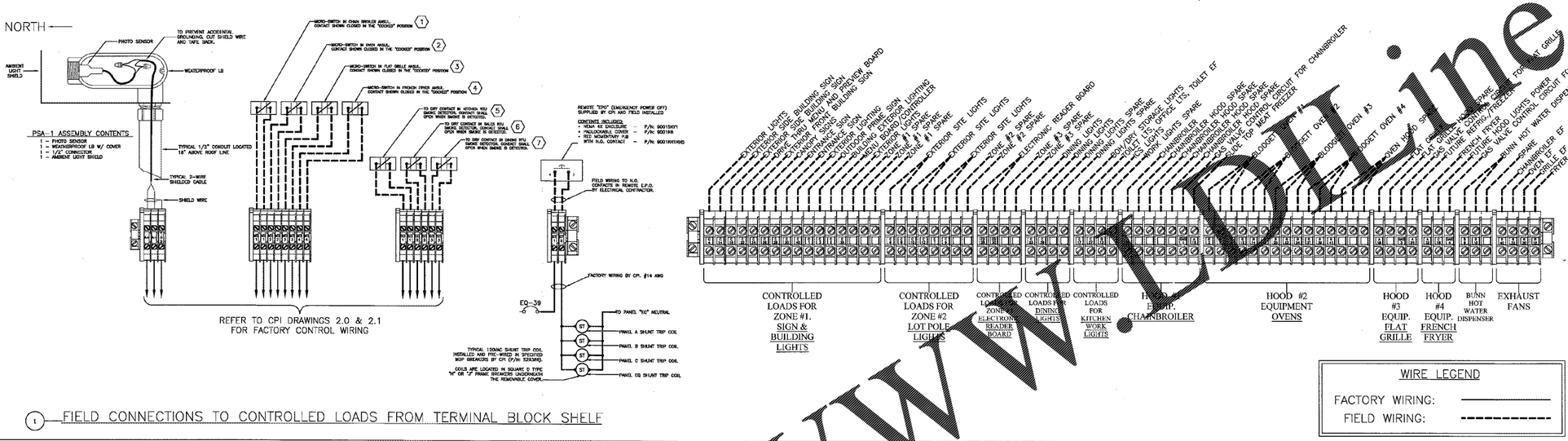
NOTES:

1. TO MICROSWITCH IN ANSUL FOR CHAIN BROILER HOOD. CONTACT TO BE CLOSED IN THE COCKED POSITION. (120VAC WIRING, USE #14 AWG)
2. TO MICROSWITCH IN ANSUL FOR OVEN HOOD. CONTACT TO BE CLOSED IN THE COCKED POSITION. (120VAC WIRING, USE #14 AWG)
3. TO MICROSWITCH IN ANSUL FOR FLAT GRILLE HOOD. CONTACT TO BE CLOSED IN THE COCKED POSITION. (120VAC WIRING, USE #14 AWG)
4. TO MICROSWITCH IN ANSUL FOR FRENCH FRYER HOOD. CONTACT TO BE CLOSED IN THE COCKED POSITION. (120VAC WIRING, USE #14 AWG)
5. TO DRY CONTACT IN KITCHEN RTU SMOKE DETECTOR LOCATED IN THE RETURN AIR DUCT. CONTACT SHALL OPEN WHEN SMOKE IS DETECTED. (120VAC WIRING, USE #14 AWG)
6. TO DRY CONTACT IN SALES RTU SMOKE DETECTOR LOCATED IN THE RETURN AIR DUCT. CONTACT SHALL OPEN WHEN SMOKE IS DETECTED. (120VAC WIRING, USE #14 AWG)
7. TO DRY CONTACT IN DINING RTU SMOKE DETECTOR LOCATED IN THE RETURN AIR DUCT. CONTACT SHALL OPEN WHEN SMOKE IS DETECTED. (120VAC WIRING, USE #14 AWG)



WIRE LEGEND

FACTORY WIRING: ————————

FIELD WIRING: - - - - - - - - - -

1 FIELD CONNECTIONS TO CONTROLLED LOADS FROM TERMINAL BLOCK SHELF

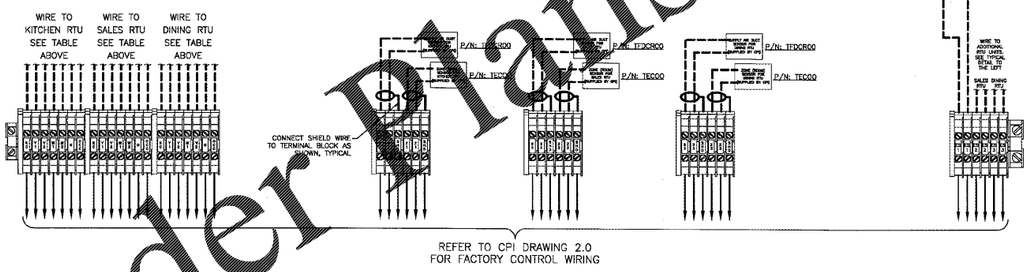
SPECIAL FIELD NOTE

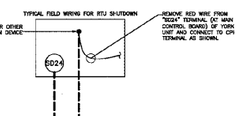
THIS WIRING DETAIL IS SPECIFIC TO A HOOD WHERE CONTRACTOR SHALL FIELD WIRE THE OPERATION AND TERMINALS IF OTHER MANUFACTURERS ARE USED.

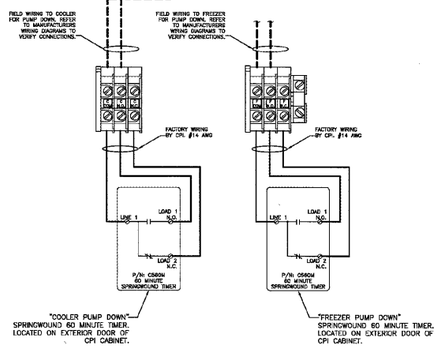
VERY IMPORTANT NOTE:
ALL CPI DRAWINGS ARE PROTOTYPICAL. ACTUAL SITE SPECIFIC DRAWINGS WILL BE SENT TO THE JOB SITE WITH THE MANUFACTURED GEAR.

CPI–TERMINAL BLOCK LABELING	
TERMINAL NAME	DESTINATION AT RTU
RC	24 VAC FROM RTU
Y1	COOLING STAGE 1
Y2	COOLING STAGE 2
W1	HEATING STAGE 1
W2	HEATING STAGE 2
G	RTU FAN
OCC	TO DAMPER CONTROL TERMINAL

IMPORTANT SENSOR WIRING NOTE!
ALL SENSOR WIRING SHALL BE SHIELDED TWISTED PAIR (STP), 22 AWG MINIMUM AND HAVE A VOLTAGE RATING GREATER THAN OR EQUAL TO THE RATING OF THIS SWITCHGEAR SECTION.
CUT SHIELD WIRE AT THE SENSOR AND TAPE BACK TO PREVENT ACCIDENTAL GROUNDING. CONNECT THE OTHER END OF THE SHIELD WIRE TO THE GREEN TERMINAL BLOCK PROVIDED IN THE CPI SYSTEM.







*** VERY IMPORTANT NOTE ***
THE PUMP DOWN DETAIL SHOWN DEPICTS A COOLER/FREEZER WITH AN ELECTRONIC CONTROL BOARD. IF A MECHANICAL SYSTEM IS USED, THE WIRING MAY NEED TO TERMINATE ON THE COMMON AND NORMALLY CLOSED CPI TERMINAL BLOCKS. REFER TO MANUFACTURERS WIRING DIAGRAMS TO VERIFY CONNECTIONS.

CPI TERMINAL STATUS WHEN TIMER IS OFF (NORMAL STATE)
"COM" & "N.O." – TERMINALS ARE OPEN
"COM" & "N.C." – TERMINALS ARE CLOSED

CPI TERMINAL STATUS WHEN TIMER IS ON (PUMP DOWN STATE)
"COM" & "N.O." – TERMINALS ARE CLOSED
"COM" & "N.C." – TERMINALS ARE OPEN

WIRE LEGEND

FACTORY WIRING: ————————

FIELD WIRING: - - - - - - - - - -

2 FIELD CONNECTIONS TO TERMINAL BLOCKS

M7031E3

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REVISIONS:

REVISION 1:

REVISION 2:

REVISION 3:

SHEET DESCRIPTION:

FIELD CONNECTIONS TO CONTROLLED LOADS FROM TERMINAL BLOCKS

PROJECT OVERVIEW:

PROJECT NAME: HARDEE'S

PROJECT CITY: BATESBURG-LEESVILLE, SC

CPI PROJECT INFORMATION:

CPI PROJECT #: 21525A

DATE: 4/10/17

DRAWN BY: FEA

SHEET: 1.1

NRD Project # 16399

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143 CHURCH STREET
BATESBURG-LEESVILLE, SOUTH CAROLINA 29054

REVISIONS

NO.	DESCRIPTION	DATE

CPI DETAILS (FOR REFERENCE ONLY)

DRAWN VEG | CHECKED DRS | CHECKED PE'S | APPROVED BY

CKE SITE ID.:

DATE: 2-28-17

SHEET NUMBER: E7