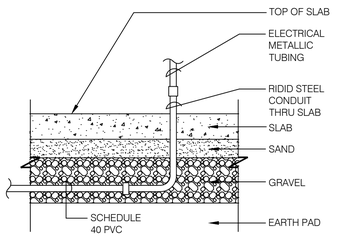
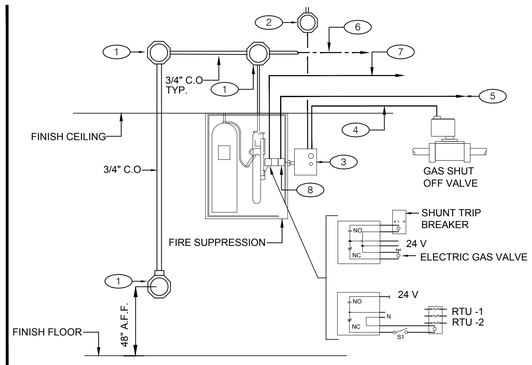


NOTE: GREEN GROUND WIRE REQUIRED IN ALL CONDUITS, SIZED PER N.E.C. REQUIREMENTS.

YES001

UNDER SLAB CONDUIT N.T.S. **17**



GENERAL NOTES:

1. REFER TO SHEET M3.0

KEY NOTES:

(1) PROVIDE 4" OCTAGONAL J-BOX.

(2) PROVIDE J-BOX , AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. INTERCONNECT TO MANUAL RESET RELAY THROUGH MICROSWITCH.

(3) MANUAL RESET RELAY FURNISHED WITH UNIT INSTALLED BY E.C.

(4) PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO VALVE AND RESET RELAY.

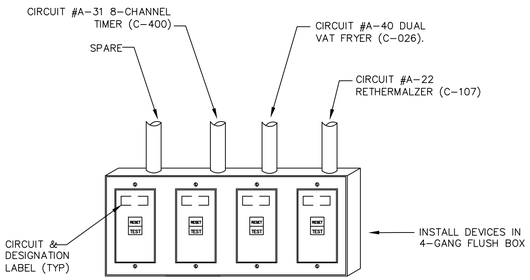
(5) PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.

(6) CABLE AND CONNECTION TO FUSIBLE LINKS AT EXHAUST HOOD BY K.E.C.

(7) PROVIDE INTERCONNECTION TO "SHUNT TRIP" BREAKER AT PANEL AND MICROSWITCH AT HOOD.

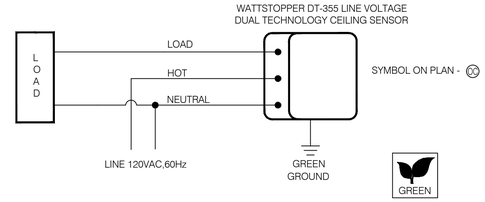
(8) SLOT FOR SNAP ACTION MICRO-SWITCH. UP TO FOUR SWITCHES AVAILABLE FOR HOOK-UP.
SWITCH 1: GAS SHUT-OFF VALVE.
SWITCH 2: EXH/S.
SWITCH 3: SHUNT TRIP BREAKER IN ELE PANEL.

FIRE SUPPRESSION SYSTEM WIRING DIAGRAM N.T.S. **9**

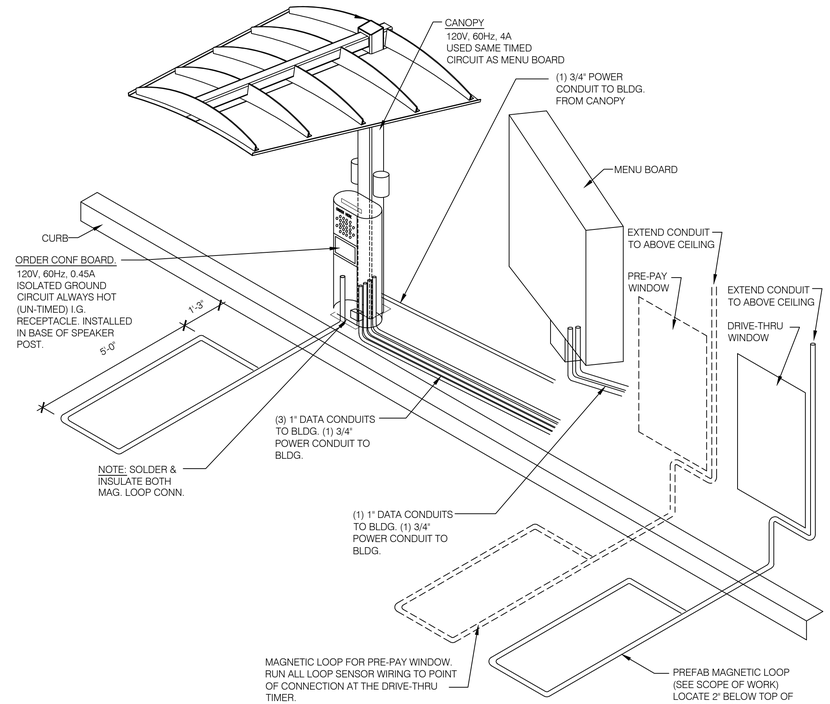


NOTES:
1. DEAD FRONT GFCI DEVICES ARE REQUIRED FOR KITCHEN EQUIPMENT REQUIRING BOTH A SHUNT TRIP BREAKER AND GFCI PROTECTION.
2. REFER TO SHEET E3.0 FOR LOCATION OF DEAD FRONT GFCI DEVICES.
3. PROVIDE LABEL ON DEVICES WITH CIRCUIT NUMBER AND LOAD DESIGNATION.

DEAD-FRONT GFCI DEVICE DETAIL N.T.S. **1**

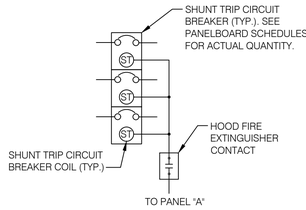


CEILING OCCUPANCY SENSOR WIRING DIAGRAM N.T.S. **2**



DRIVE-THRU COMMUNICATIONS ISOMETRIC N.T.S. **4**

NOT USED N.T.S. **11**



SEQUENCE OF OPERATION:
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS. SEE MECHANICAL SHEETS.

SHUNT TRIP DETAIL N.T.S. **12**

NOT USED N.T.S. **16**

PROJECT # 22204

NRD national restaurant designers
ARCHITECTS & ENGINEERS
7208 ACC Blvd. 2nd Floor, Raleigh NC 27617
ph: 919 544 0087 fax: 919 544 9339
A Division of LMHT Associates

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
No. 14782
JAY RAY THORNTON
Digitally signed by Nelson R. Thornton, Jr
Date: 2022.05.20 07:48:06 -04'00'

LMHT ASSOCIATES,PA
SOUTH CAROLINA
No. C02215
CERTIFICATE OF AUTHORIZATION

CONTRACT DATE:	XXXXX
BUILDING TYPE:	XXXXX
PLAN VERSION:	XXXXX
SITE NUMBER:	315669
STORE NUMBER:	XXXXX

TACO BELL

SPEARS CREEK CHURCH RD.
ELGIN, SC 29045

TACO BELL

ENDEAVOR 2.0

ELECTRICAL DETAILS

E7.0