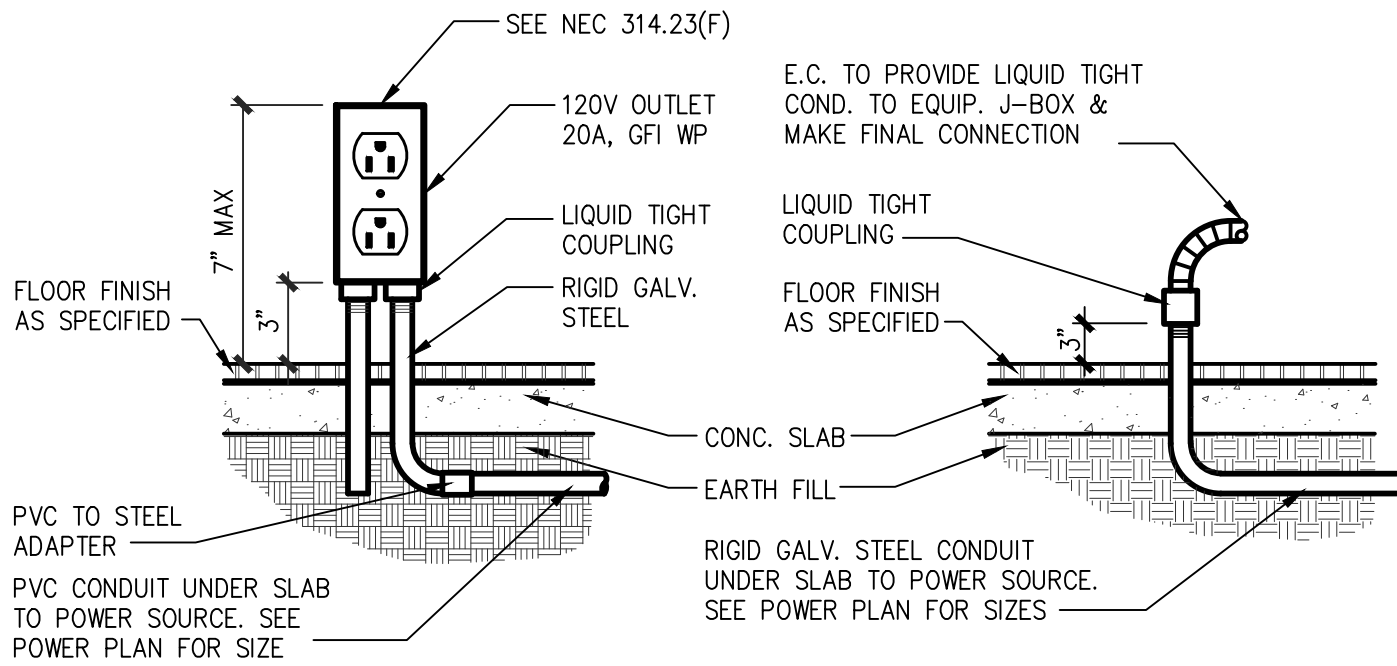
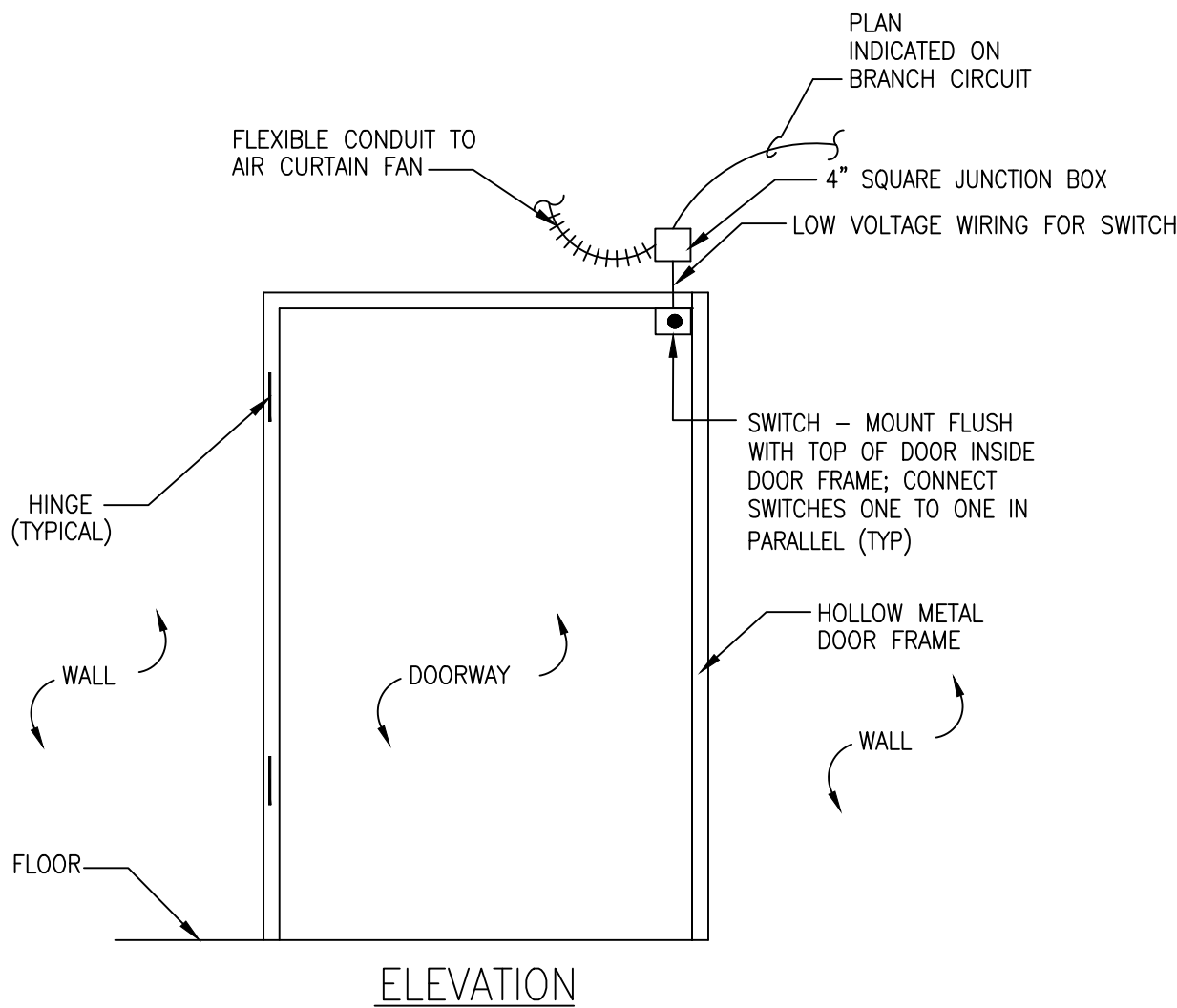


Drawing File: C:\Users\chudson\appdata\local\temp\AcPublish_16260\E000r2.dwg
Plotted by: chudson
Plotted Date: Jun 24, 2022 -- 10:16am



1
E000 **CONDUIT STUB UP DETAIL**
SCALE: NTS



2
E000 **AIR CURTAIN SWITCH DETAIL**
SCALE: NTS

GENERAL NOTES

- ANY DEVIATIONS FROM THE DESIGN PLANS SHALL ONLY BE PERFORMED IF APPROVED BY THE LL'S/TENANT'S REPRESENTATIVE, THE DESIGN ENGINEER, AND THE LOCAL INSPECTOR. ALL WORK SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF ALL APPLICABLE CODES AND STANDARDS. HOWEVER, ANY DEVIATION FROM THE DESIGN PLANS IMPLIED BY LOCAL CODES THAT SUGGESTS INSTALLATION OF LESS THAN THE REQUIREMENTS SPECIFIED IN THE DESIGN PLANS SHALL NOT BE ALLOWED WITHOUT APPROVAL BY THE LL'S/TENANT'S REPRESENTATIVE OR THE DESIGN ENGINEER. ANY UNAPPROVED DEVIATION FROM THE DESIGN PLANS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR, CONTRACTOR SHALL INSTALL COMPLETE AND WORKING SYSTEMS, EQUIPMENT AND COMPONENTS IN ACCORDANCE WITH MINIMUM REQUIREMENTS SHOWN IN THESE PLANS.
- ALL BRANCH CIRCUITS SHALL BE IN ZINC-COATED EMT OR RIGID CONDUIT AS PERMITTED BY THE NATIONAL ELECTRICAL CODE. MC CABLE IS APPROVED. HOWEVER, ALL WIRING EXPOSED TO CUSTOMER VIEW SHALL BE IN EMT OR RIGID CONDUIT. SCHEDULE 40 PVC CONDUIT IS APPROVED FOR SECONDARY UNDERGROUND SERVICE, UNDERGROUND TELEPHONE SERVICE, INCLUDING TELEPHONE BRANCH CIRCUIT CONDUIT LOCATED BELOW SLAB-ON-GRADE, BURIED ON BUILDING EXTERIOR, OR IN CONCRETE BLOCK WALLS. ALL CONDUIT SHALL BE 1/2" MINIMUM SIZE.
- ALL CONDUCTORS SHALL BE COPPER, THHN/THWN, UNLESS OTHERWISE NOTED.
- EC SHALL REVIEW "O" SHEETS FOR ALL EQUIPMENT CONNECTION REQUIREMENTS. ALL EQUIPMENT LOADS SHALL BE VERIFIED BEFORE EQUIPMENT AND/OR CIRCUIT INSTALLATION. VERIFY LOCATION OF ALL FLOOR OUTLETS BEFORE INSTALLATION.
- E.M.T. FITTINGS SHALL BE HEXAGONAL ALL STEEL COMPRESSION TYPE.
- THROUGH-OUT THESE SHEETS, REFERENCES TO CONDUIT/CONDUCTOR FILL ARE BASED ON E.M.T. TYPE CONDUIT AND THHN/THWN TYPE CONDUCTOR. FOR ANY OTHER TYPE MATERIALS, EC SHALL ADJUST CONDUCTOR FILL/CONDUIT SIZE TO REMAIN FULLY COMPLIANT WITH NEC.
- RECEPTACLES SHALL BE WHITE WITH WHITE PLATES; BRYANT, HUBBELL, LEVITON BRANDS EXCEPT AS OTHERWISE SPECIFIED.
- ELECTRICAL COVER PLATES IN ALL KITCHEN AND SERVING AREAS SHALL BE STAINLESS STEEL.
- ALL WALL OUTLET BOXES SHALL BE STEEL CITY OR RACO.
- MOUNT ALL RECEPTACLES 18" ABOVE FINISHED FLOOR TO CENTER OF BOX UNLESS OTHERWISE NOTED.
- DUPLEX AND DOUBLE DUPLEX RECEPTACLES FOR P.O.S. SYSTEM (ISOLATED GROUND RECEPTACLES) SHALL NOT SHARE CONDUIT WITH ANY "NORMAL POWER" DEVICES. ISOLATED GROUND RECEPTACLES SHALL BE "ORANGE" IN COLOR.
- EXHAUST FAN WIRING AND CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 3/4" CONDUIT FOR ALL THERMOSTATS AND TELEPHONE OUTLETS, UNLESS OTHERWISE NOTED OR INSTRUCTED.
- WHERE THE LENGTH OF ANY 120 VOLT BRANCH CIRCUIT EXCEEDS 50 FEET, CIRCUIT CONDUCTORS SHALL NOT BE SMALLER THAN #10 TO THE FIRST OUTLET. WHERE THE LENGTH OF ANY 120 VOLT BRANCH CIRCUIT EXCEEDS 100 FEET, CIRCUIT CONDUCTORS SHALL NOT BE SMALLER THAN #8 TO THE FIRST OUTLET.
- ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR APPROVED FLOOR PLAN AND DIMENSIONS. DO NOT SCALE FROM THE ELECTRICAL DRAWINGS. ANY INCORRECT WORK DUE TO SCALING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- INSTALL CONDUITS AND WIRING FOR YARD LIGHTS, BUILDING SIGNS, AND POLE SIGNS AS SHOWN ON THE SITE PLAN. COORDINATE VOLTAGE DROP AS REQUIRED. EC SHALL CONFIRM THAT THE TRENCHES PROVIDED CONFORM WITH NEC 300.5 BEFORE LAYING ANY CONDUIT.
- MECHANICAL CONTROL WIRING IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR. MC SHALL MAKE ALL FINAL CONNECTIONS. SEE MECHANICAL PLANS FOR PROPER OPERATIONAL SEQUENCES AND COORDINATE WORK WITH THE HOOD CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL CONNECT ALL ELECTRICAL DEVICES, I.E., OUTLETS, JUNCTION BOXES, DISCONNECTS, AND HOOD LIGHTS, ETC. UNDER EACH KITCHEN GREASE EXHAUST HOOD TO SHUNT TRIP CIRCUIT BREAKERS CONTROLLED BY THE HOOD FIRE PROTECTION SYSTEM SO THAT WHEN THE FIRE PROTECTION SYSTEM IS ACTIVATED ALL ELECTRICAL DEVICES UNDER HOOD WILL BE DE-ENERGIZED. EMERGENCY GAS VALVE (ELECTRICALLY OPERATED) SHALL ALSO BE CLOSED WHEN FIRE PROTECTION SYSTEM IS ACTIVATED IN ORDER TO ISOLATE GAS SUPPLY TO APPLIANCES UNDER THE HOOD, SEE "P" SHEETS.
- JUNCTION BOXES: 4" X 2 1/8" OCTAGONAL OR 4" X 1 1/2" SQUARE MIN. USE 4" X 2 1/8" SQUARE WHERE 3 OR 4 LIGHTING FIXTURE WHIPS ARE SPLICED INTO ONE BOX, REC/SWITCH GANG BOXES SHALL BE 3 1/2" DEEP.
- MINIMUM CIRCUIT SIZE SHALL BE (2) #12, (1) #12 GRD., 1/2" CONDUIT - UNLESS NOTED OTHERWISE.
- EC SHALL COORDINATE ALL REQUIREMENTS OF SOUND SYSTEM WITH LL/TENANT AND SYSTEM VENDOR.
- CIRCUITS SHOWN ARE DIAGRAMMATIC. EC SHALL DETERMINE THE MOST EFFICIENT ROUTING OF CONDUIT IN FIELD.
- WALL SWITCHES WILL CONTROL CIRCUIT NUMBER AS SHOWN UNLESS NOTED OTHERWISE, SEE LIGHTING PLAN, AND "SWITCH BANK ELEVATIONS".
- LIGHTING FIXTURES IN AREAS WHERE FOOD IS PREPARED, OPEN FOOD IS STORED, OR WHERE UTENSILS ARE CLEANED SHALL HAVE A SHATTERPROOF LENS AND BE READILY CLEANABLE.
- LIGHTING INTENSITY SHALL NOT BE LESS THAN 50 FOOT CANDLES AT ALL FOOD PREP AND SERVING SURFACES AND AT ANY SURFACE WHERE A FOOD EMPLOYEE IS WORKING WITH FOOD OR WORKING WITH UTENSILS OR EQUIPMENT SUCH AS KNIVES, SLICERS, GRINDERS OR SAWS WHERE EMPLOYEE SAFETY IS A FACTOR. EC SHALL VERIFY PRIOR TO HEALTH DEPARTMENT INSPECTION.
- DRY FOOD STORAGE AND WALK-IN REFRIGERATION STORAGE SHALL NOT BE LESS THAN 10 FOOT CANDLES, AT +30" ABOVE FLOOR.
- LIGHTING INTENSITY SHALL NOT BE LESS THAN 20 FOOTCANDLES:
A. AT A SURFACE WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVE SUCH AS BUFFETS AND SALAD BARS OR WHERE FRESH PRODUCE OR PACKAGED FOODS ARE SOLD OR OFFERED FOR CONSUMPTION;
B. INSIDE EQUIPMENT SUCH AS REACH-IN AND UNDER-COUNTER REFRIGERATORS;
C. AT A DISTANCE OF THIRTY INCHES ABOVE THE FLOOR IN AREAS USED FOR HANDWASHING, WAREWASHING, EQUIPMENT AND UTENSIL STORAGE, AND IN TOILET ROOMS.
- DUCTWORK, CONDUIT AND PIPING IN EXPOSED CEILING PUBLIC AREAS SHALL BE INSTALLED BETWEEN TRUSSES OR THROUGH TRUSSES WITH ALL ITEMS LOCATED ABOVE THE BOTTOM OF THE STRUCTURE UNLESS OTHERWISE NOTED ON THE PLAN.
- ALL WIRING IN ASSEMBLY AREAS SHALL CONFORM TO NEC 518.
- ALL EXPOSED CONDUIT SHALL BE INSTALLED AT LEAST 6" OFF THE FLOOR AND 2" AWAY FROM THE WALL TO FACILITATE CLEANING.
- EC SHALL PROVIDE LL/TENANT WITH COMPLETE SET OF ELECTRICAL AS-BUILT DRAWINGS SHOWING ALL DEVIATIONS FROM ORIGINAL DESIGN WITHIN 30 DAYS OF ACCEPTANCE.
- EC SHALL PROVIDE LL/TENANT WITH OPERATIONS & MAINTENANCE MANUAL(S) FOR ALL ELECTRICAL SYSTEMS AND EQUIPMENT WITHIN 30 DAYS OF ACCEPTANCE.
- EC SHALL TEST ALL LIGHTING SYSTEMS TO ENSURE PROPER CALIBRATION, ADJUSTMENT, PROGRAMMING AND OPERATION.
- EC SHALL KEEP OVERHEAD CONDUIT HIGH TO REDUCE CONFLICTS WITH DUCTWORK.

ELECTRICAL LEGEND

- DUPLEX WALL RECEPTACLE - 120/1P, 20 AMP RATED
- SIMPLEX RECEPTACLE - 120/1P, 20 AMP RATED
- 208V RATED - 1 PHASE OR 3 PHASE RECEPTACLE TO MATCH EQUIPMENT SERVED.
- ISOLATED GROUND RECEPTACLE, ORANGE FACE.
- DUPLEX WALL RECEPTACLE W/ TWO USB CHARGING PORTS - 120/1P, 20 AMP RATED
- JUNCTION BOX, SIZE AND USE AS REQUIRED; COVER PLATE SHALL OVERLAP THE BOX EDGE BY 1/2" WHERE RECESSED IN WALL WITH CONCEALED WIRING.
- QUAD WALL RECEPTACLE - 120/1P, 20 AMP RATED
- CEILING MOUNTED DUPLEX RECEPTACLE - 120/1P, 20 AMP RATED
- CEILING MOUNTED QUAD RECEPTACLE - 120/1P, 20 AMP RATED
- POWER DROP TO EQUIPMENT. EC SHALL VERIFY REQUIREMENTS PER EQUIPMENT.
- FUSED DISCONNECT SWITCH, HEAVY DUTY "HP" RATED, PROVIDE WEATHERPROOF COVER OUTDOORS.
- DATA WALL OUTLET - RUN 3/4" EMT TO ACCESSIBLE POINT ABOVE CEILING. PROVIDE PULL WIRE.
- SPECIAL RECEPTACLE TO MATCH EQUIPMENT SERVED.
- DOOR BELL WITH TRANSFORMER.
- MOTOR RATED SWITCH
- ANALOG TIMER
- DOOR BELL PUSH BUTTON
- HOOD ANNUNCIATOR/CIATOR - AUDIO AND VISUAL ALARM
- HOME RUNS TO PANEL
- CONDUIT - EXPOSED OR CONCEALED IN WALL
- CONDUIT BELOW SLAB
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- EC ELECTRICAL CONTRACTOR
- MC MECHANICAL CONTRACTOR
- PC PLUMBING CONTRACTOR
- WP WEATHER PROOF
- WR WEATHER RESISTANT
- CLG. CEILING MOUNTED
- SPEAKERS - FOR REFERENCE ONLY. PROVIDED AND INSTALLED BY VENDOR.
- JUNCTION BOX, SIZE AND USE AS REQUIRED; COVER PLATE SHALL OVERLAP THE BOX EDGE BY 1/2" WHERE RECESSED IN WALL WITH CONCEALED WIRING.
- WALL SWITCH; SINGLE POLE UNLESS NOTED 3- OR 4-WAY; "P" INDICATES EQUIPPED WITH PILOT LIGHT TO INDICATE WHEN SWITCH IS ON; W.P. INDICATES WEATHERPROOF, "K" INDICATES KEY OPERATED SWITCH; +48" ABOVE FLOOR EXCEPT IN MASONRY WALLS WHERE HEIGHT SHALL BE ADJUSTED TO HAVE BOX EDGE OCCUR AT A MASONRY JOINT. "D" INDICATES "DIMMER". "OS" INDICATES "OCCUPANCY SENSOR" (LUTRON MAESTRO MS-OPS2-WH).

LHMT Project No. 21318

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INRD national restaurant designers
ARCHITECTS & ENGINEERS
7208 ACC Blvd., second floor, Raleigh, NC 27617
ph: 919 544 0087 fax: 919 544 9399
www.inrd.com

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NORTH CAROLINA
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PROJECT: **HIGHWAY 55**
30 PROTOTYPE
1424 CURTIS BRIDGE ROAD
WILKESBORO, NC 28697
DRAWING: **ELECTRICAL NOTES**

Revisions

THRU ADDENDUM "A"
01/20/2022

EQUIP. UPDATE - 06.24.2022

PROJECT DATE
01/07/2022

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JP

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