



GENERAL SHEET NOTES:

- BOXES ARE DRAWN IN
- TYPICAL WIRING IS ACHIEVED WITH 12-2 OR 14-2 ROMEX
- WALL RECEPTACLES OCCUR AT LEAST EVERY 12 FEET ALONG THE WALL, AND ARE LOCATED WITHIN 6 FEET OF THE END OF A WALL
- CIRCUIT #22 IS AFCI PROTECTED

REFERENCE KEYNOTES:

DIVISION 23 - HVAC
23 09 00.F REMOTE SENSORS AND PROBES

DIVISION 25 - INTEGRATED AUTOMATION
25 13 16 MPANEL

DIVISION 26 - ELECTRICAL
26 05 00.C JUNCTION BOX
26 05 00.D TAMPER-RESISTANT RECEPTACLE

DIVISION 28 - ELECTRONIC DETECTION & ALARM
28 31 46 SMOKE DETECTION SENSOR

SHEET KEYNOTES:

- JUNCTION BOX CONTAINS THE FOLLOWING RUNS:
LIVING ROOM CIRCUIT
ETHERNET CABLES (3)
AUTOMATED LOGIC TEMPERATURE CABLE
AUTOMATED LOGIC HUMIDITY CABLE
KITCHEN CIRCUIT PORTION (SKYLIGHT)
ALARM DOOR SENSOR WIRE
SMOKE ALARM CABLE
WINDOW SHADE CABLE 1
- JUNCTION BOX CONTAINS THE FOLLOWING RUNS:
BEDROOM CIRCUIT
BATHROOM RECEPTACLE CIRCUIT
BATHROOM LIGHTING CIRCUIT
COURTYARD LIGHTING SWITCH
LAUNDRY CIRCUIT
DRYER CIRCUIT
ETHERNET CABLE
AUTOMATED LOGIC TEMPERATURE CABLE
AUTOMATED LOGIC HUMIDITY CABLE
ERV SWITCH WIRING
ALARM DOOR SENSOR WIRE
SMOKE ALARM WIRE
WINDOW SHADE CABLE
- THIS SWITCH CONTROLS TRACK LIGHTING IN BEDROOM HALLWAY USING INSTON TECHNIQUES; NOT HARD-WIRED
- THIS SWITCH IS HARD-WIRED TO THE TRACK LIGHTING IN THE NORTH EAST KITCHEN, THE TRANSFORMERS FOR THESE LIGHTS ARE INTEGRATED
- T&RH AND FRIDGE & FREEZER INSTRUMENTATION SENSORS ENTER WALL FROM UNDER HOUSE IN A 1-1/4" GREENFIELD CONDUIT AND OPEN TO A BOX NEAR THE FLOOR NEXT TO THE REFRIGERATOR. T&RH SENSOR IS LOCATED NEAR CENTER OF ROOM ON A 3.5 FOOT STAND, FRIDGE & FREEZER SENSOR RUNS ALONG FLOOR INTO THE APPLIANCE
- MPANEL AND AUTOMATED LOGIC SENSOR ARE MOUNTED TO THE BACK OF THE REFRIGERATOR COMPARTMENT
- SKYLIGHT COMES PREWIRED WITH A 20 FOOT CABLE, MUST BE ON A 15-A CIRCUIT
- TWO GFCI RECEPTACLES LAID LAZY, ON SEPARATE CIRCUITS, SERVE THE KITCHEN UNIT
- SPLICED ACCORDING TO NEC 210.19(3)
- OCTAGON BOX FOR SMOKE ALARM, WIRED WITH 14-2 ROMEX, 14-3 ROMEX CONNECTS SMOKE ALARM TO BOX IN ELECTRICAL CLOSET THAT COMBINES ALL SMOKE ALARMS

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PROJECT

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SHEET TITLE

PLAN

E-104

SHEET 175 OF 196

E-104
KITCHEN ELECTRICAL PLAN
1/2" = 1'-0"
0' 1/2' 1'
PLAN NORTH