

GENERAL SHEET NOTES:

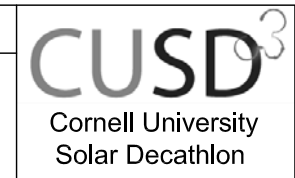
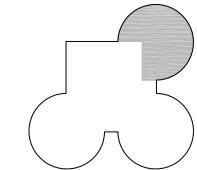
1. BOXES ARE DRAWN IN
2. TYPICAL WIRING IS ACHIEVED WITH 12-2 OR 14-2 ROMEX
3. WALL RECEPTACLES OCCUR AT LEAST EVERY 12 FEET ALONG THE WALL, AND ARE LOCATED WITHIN 6 FEET OF THE END OF A WALL
4. CIRCUITS #1, #14, AND #23 ARE AFCI PROTECTED
5. SWITCHES ARE LOCATED SENSIBLY AT THE "HINGE" SIDE OF DOORS, WITH A FEW EXCEPTIONS

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

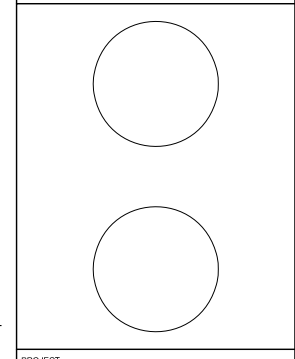
SHEET KEYNOTES:

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 CABLE
WINDOW SHADE CABLE
2. COURTYARD LIGHTING: 4 FLUORESCENT LAMPS
3. THIS SWITCH IS HARD-WIRED TO THE TRACK LIGHTING IN THE HALLWAY. KITCHEN SWITCH CONTROLS THE SAME LIGHTS USING INSTON TECHNIQUES. INTEGRATED TRANSFORMER
4. MPANEL AND AUTOMATED LOGIC SENSOR ARE MOUNTED TO THE WALL. THE MPANEL IS AT A HEIGHT OF 4'-6" AND THE AUTOMATED LOGIC SENSOR IS AT A HEIGHT OF 4'
5. T&RH INSTRUMENTATION SENSOR ENTERS WALL FROM UNDER HOUSE IN A 1" GREENFIELD CONDUIT AND OPEN TO A BOX BELOW THE SHELVING IN THE ROOM. T&RH SENSOR IS LOCATED NEAR CENTER OF ROOM ON A 3.5 FOOT STAND
6. THIS SWITCH IS HARD-WIRED TO THE MONOPOINT LIGHTING ABOVE THE BED. THE TRANSFORMERS FOR THESE LIGHTS ARE INTEGRATED
7. OCTAGON BOX FOR SMOKE ALARM, WIRED WITH 14-3 ROMEX COMING FROM THE SMOKE ALARM LOCATED IN THE KITCHEN
8. THIS RECEPTACLE IS MOUNTED IN SHELVING
9. BOX IN FLOORING PROVIDES GFCI-PROTECTED CIRCUIT TO TOILET LOAD
10. SKYLIGHT COMES PREWIRED WITH A 20 FOOT CABLE. MUST BE ON A 15-A CIRCUIT
11. THIS SWITCH CONTROLS THE ERV
12. THIS GFCI RECEPTACLE IS LOCATED IN THE FAUCET CABINETS IN ACCORDANCE WITH NEC 210
13. THIS FLOOR-MOUNTED RECEPTACLE SATISFIES NEC 210.60(H) FOR HALLWAY RECEPTACLES
14. ALARM DOOR SENSOR



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SHEET TITLE

PLAN

E-103
SHEET 174 OF 198

E-103 **BEDROOM ELECTRICAL PLAN**
1/2" = 1'-0"
0' 1/2' 1'
PLAN NORTH