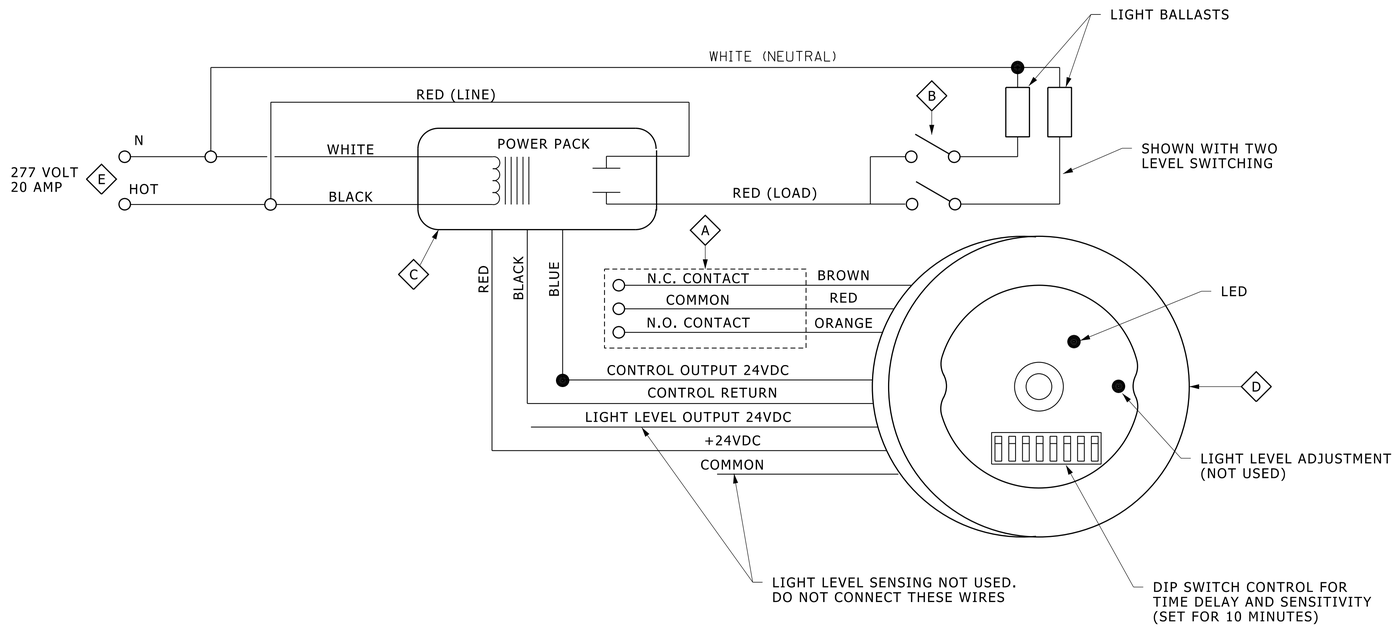

SENSOR SYSTEN - GENERAL NOTES:

1. ALL WIRING SHALL BE IN RACEWAYS.
2. USE TWO (OR MORE) JUNCTION BOXES, BOLTED TOGETHER AS NEEDED TO ACCOMMODATE WIRING OF DEVICES SO 277 VOLT, 120 VOLT AND 24 VOLT APPLICATIONS ARE NOT IN SAME BOX, OR RACEWAY. SUPPORT BOXES ABOVE CEILING, AT LOCATIONS OF SENSOR.
3. LIGHT SWITCHING WILL BE PLACED AT DOOR OF ROOM AND WILL ALLOW COMPLETE CONTROL OF LIGHTS WHEN ROOM IS OCCUPIED. PART OR ALL OF LIGHTING MAY BE TURNED OFF, OR BACK ON, AS NEEDED.
4. PROVIDE THREE-WAY SWITCHING IN NOTED ROOMS. IN SUCH ROOMS ONLY ONE "SENSOR SYSTEM" IS NEEDED. WIRE THREE-WAYS IN STANDARD FASHION.
5. NO OCCUPANCY SENSORS SHALL BE PLACED ON LIGHTING FOR CORRIDORS OR STAIRWAYS.
6. ALL SENSOR SYSTEM RELATED EQUIPMENTS SHALL BE FROM ONE MANUFACTURER.

SENSOR SYSTEM - REFERENCE NOTES:

A. USE THESE CONTACTS FOR CONTROL OF HVAC VIA TEMPERATURE CONTROL SYSTEM. COORDINATE WIRING EXTENSIONS WITH TC CONTRACTOR.

B. DIAGRAM SHOWS TWO LEVEL LIGHTING FOR (FIXTURES WITH 3 OR 4 LAMPS). FIXTURES WITH TWO LAMPS, OR AS NOTED OTHERWISE, WILL ONLY NEED AN LIGHT SWITCH.

C. USA A 277 TO 24 VOLT POWER SUPPLY HAVING A 277 VOLTS, 20 AMP RATED CONTROL CONTACT CAPABLE OF SWITCHING POWER FOR LIGHTS. USE WATTSTOPPER A277-E, OR A FUNCTIONALLY EQUIVALENT DEVICE THAT IS APPROVED FOR PURPOSE SHOWN.

D. USE A 360° SENSITIVITY, PASSIVE INFRARED SENSOR, HAVING 24 VOLT CONTROLS, AND MOUNTABLE IN THE CEILING. PLACE SENSOR IN CENTER OF ROOM TO BEST SENSE MOVEMENT THROUGHOUT ROOM. SENSOR SHALL HAVE HOUSING AND TRIM TO RESULT IN A CLEAN FINISHED LOOK IN CEILING WHEN INSTALLED. PROVIDE SENSOR IN WHITE. USE WATTSTOPPER CI-200, OR EQUIVALENT TO COVER 1200 SQUARE FEET, FUNCTIONALLY EQUIVALENT DEVICE THAT IS APPROVED FOR PURPOSE SHOWN.

E. SEE LIGHTING PLAN FOR CIRCUIT NUMBER. PLEASE NOTE THAT ONE CIRCUIT SERVES MULTIPLE ROOMS.

SCHEMATIC FOR OS (LIGHTS, HVAC)

NO SCALE

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