

ELECTRICAL SYMBOL LIST

LINE TYPES

- LIGHT CONTINUOUS LINE INDICATES EXISTING TO REMAIN
- DARK CONTINUOUS LINE INDICATES NEW WORK IN CONTRACT

WIRING AND CONDUIT

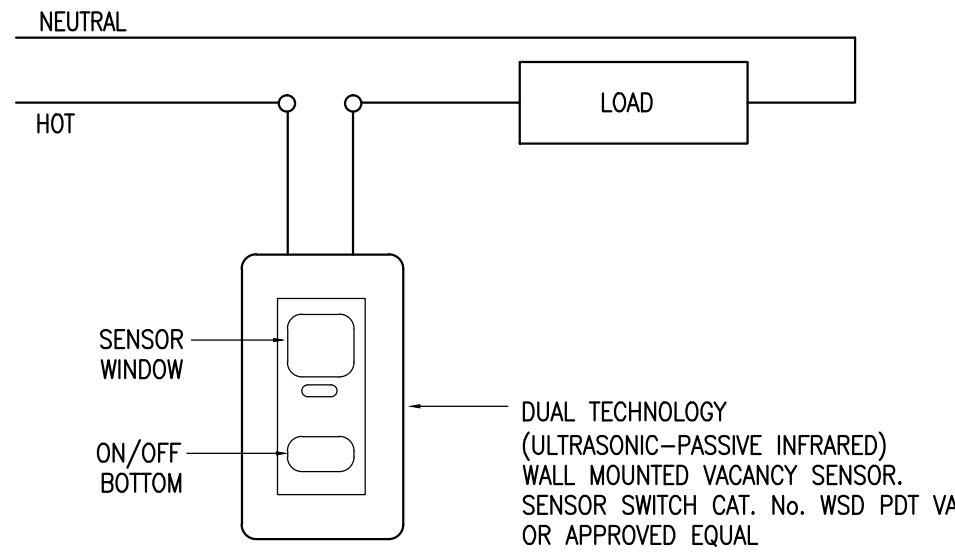
- PP#(1,3,5) CONCEALED HOME RUN TO PANELBOARD OR SWITCHBOARD.
PP#(1,3) NOTATION INDICATES PANEL DESIGNATION AND CIRCUIT(S) NUMBER.
PP#1 No. OF ARROWS DENOTES No. OF CIRCUITS: 2#12, 1#12G, 3/4"C. (U.O.N.).
- PP#1,3 EX: PP#1: PANEL PP, CIRCUIT #1 (SINGLE POLE OCPD)
PP#1,3: PANEL PP, CIRCUITS #1 & #3 (SINGLE POLE OCPD)
PP#(1,3): PANEL PP, CIRCUITS #1 & #3 (TWO POLE OCPD)
PP#1,3,5: PANEL PP, CIRCUITS #1, #3 & #5 (SINGLE POLE OCPD)
PP#(1,3,5): PANEL PP, CIRCUITS #1, #3 & #5 (THREE POLE OCPD)
- CONCEALED WIRING AND CONDUIT RUN.
2#12, 1#12G, 3/4"C. (U.O.N.)

WIRING DEVICES

- \$_o AC TOGGLE SWITCH
WALL MOUNTED IN A SINGLE GANG OUTLET BOX.
20-AMP, 125/277-VOLT AC.
SUBSCRIPT INDICATES LIGHTING FIXTURES TO BE CONTROLLED.
- \$_o\$_o\$_o MULTIPLE AC TOGGLE SWITCHES
WALL MOUNTED IN A COMMON OUTLET BOX.
20-AMP, 125/277-VOLT AC (EACH).
SUBSCRIPT INDICATES LIGHTING FIXTURES TO BE CONTROLLED.
- \$_o³ AC 3-WAY TOGGLE SWITCH
WALL MOUNTED IN A SINGLE GANG OUTLET BOX.
20-AMP, 125/277-VOLT AC.
SUBSCRIPT INDICATES LIGHTING FIXTURES TO BE CONTROLLED.
- \$_o^{VS} WALL SWITCH/VACANCY SENSOR. MOUNTED IN A SINGLE GANG OUTLET BOX. SUBSCRIPT INDICATES LIGHTING FIXTURES TO BE CONTROLLED.
- \$_o^L LOW VOLTAGE WALL SWITCH FOR USE WITH CEILING MOUNTED VACANCY SENSOR. WALL MOUNTED IN A SINGLE GANG OUTLET BOX. SUBSCRIPT INDICATES LIGHTING FIXTURES TO BE CONTROLLED.
- VS_o LOW VOLTAGE CEILING MOUNTED VACANCY SENSOR. PROVIDE POWER SUPPLY AND ISOLATION RELAY. SUBSCRIPT INDICATES LIGHTING FIXTURES TO BE CONTROLLED.

DISTRIBUTION EQUIPMENT

- LP ELECTRICAL PANELBOARD. SURFACE MOUNTED. RATING AS INDICATED ON DRAWINGS. NOTATION INDICATES PANEL DESIGNATION.

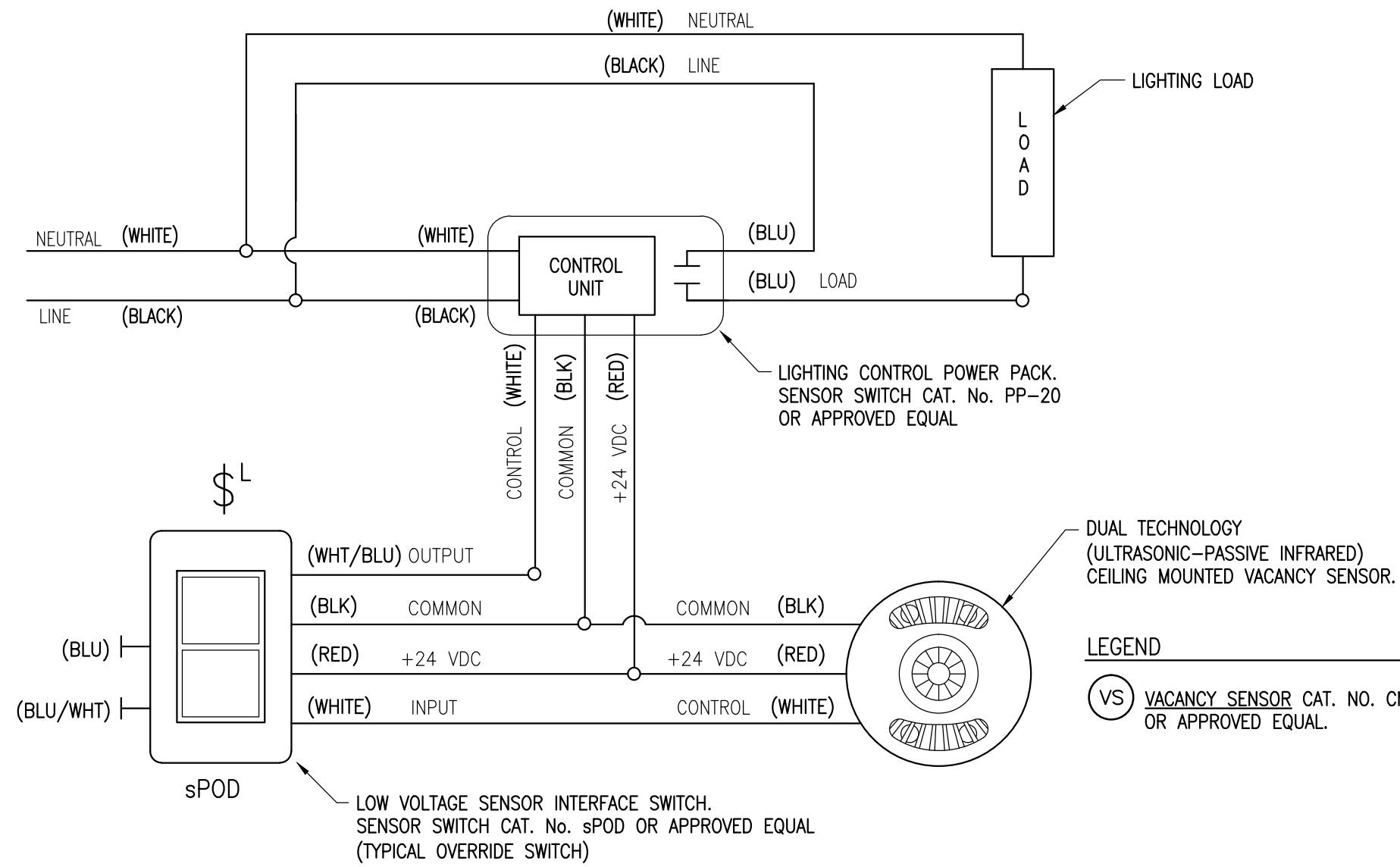


NOTES:

1. WALL MOUNTED VACANCY SENSOR SHALL BE PROGRAMMED IN A WAY THAT ONLY ENABLE LIGHTING TO BE TURNED ON BY MANUAL CONTROL, AND AUTOMATICALLY TURN LIGHTING OFF WITHIN A MAXIMUM OF 30 MINUTES FOLLOWING ALL OCCUPANTS LEAVING THE SPACE. LIGHTING SHALL BE ABLE TO BE TURNED OFF BY MANUAL CONTROL. THE OCCUPANT SENSOR MAY HAVE A GRACE PERIOD OF UP TO 30 SECONDS TO TURN ON THE LIGHTING AUTOMATICALLY AFTER THE SENSOR HAS TURNED OFF THE LIGHTING IF OCCUPANCY IS DETECTED.

TYPICAL WALL MOUNTED VACANCY SENSOR WIRING DETAIL

NOT TO SCALE







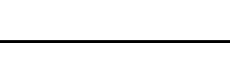
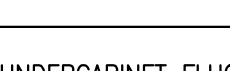


NOTES:

1. CEILING MOUNTED VACANCY SENSOR AND WALL SWITCH SHALL BE INSTALLED IN SUCH A WAY THAT WILL ONLY ENABLE LIGHTING TO BE TURNED ON BY MANUAL CONTROL, AND SHALL AUTOMATICALLY TURN OFF THE LIGHTING WITHIN A MAXIMUM OF 30 MINUTES FOLLOWING ALL OCCUPANTS LEAVING THE SPACE. LIGHTING SHALL BE ABLE TO BE TURNED OFF BY MANUAL CONTROL. THE OCCUPANT SENSOR MAY HAVE A GRACE PERIOD OF UP TO 30 SECONDS TO TURN ON THE LIGHTING AUTOMATICALLY AFTER THE SENSOR HAS TURNED OFF THE LIGHTING IF OCCUPANCY IS DETECTED.

TYPICAL CEILING MOUNTED VACANCY SENSOR W/ MANUAL SWITCH WIRING DETAIL

NOT TO SCALE

LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	LAMP			MANUFACTURER	CATALOG NUMBER	REMARKS
		QTY.	TYPE	WATTAGE			
 A	2'x2' RECESSED FLUORESCENT DIRECT/INDIRECT	2	BIAX	40	NATIONAL LIGHTING	AST/CB-2X2-2-40-277V	
 A1	2'x2' RECESSED FLUORESCENT DIRECT/INDIRECT	1	BIAX	55	NATIONAL LIGHTING	AFFINE-22-155BX-*	* PROVIDE EMERGENCY BATTERY BACK-UP AS INDICATED ON PLANS.
 B	7" LOW PROFILE DOWNLIGHT COMPACT FLUORESCENT LUMINAIRE	2	TT	13	LIGHTOLIER	8067-CLW-*	* CALCULITE PARABOLIC LOUVER
 B1	6-3/4" REFLECTOR TRIMS DOWNLIGHT COMPACT FLUORESCENT	1	TT	26	LIGHTOLIER	1105WH-1100FT SERIES-1XTRIPLE-*	* "LYTECASTER" STEP BAFFLE
 C	9" CONTINUOUS RECESSED FLUORESCENT COVE WITH EGGRATE	2	OCT	40	NATIONAL LIGHTING	SL87W-2-40/OCT-CB-277V	
 D	FLUORESCENT STRIPLIGHT	2	T8	32	NATIONAL LIGHTING	132 CR SERIES	
 E	UNDERCABINET FLUORESCENT TASK LIGHT WITH INTEGRAL ROCKER SWITCH	1	T8	32	PROVIDED BY OTHERS		
 F	SURE-LITES LED EXIT SIGN	1	LED	5	COOPER LIGHTING	EEX SERIES	* FINISHES SHALL BE AS DIRECTED BY ARCHITECT. ** NUMBER OF FACES AND DIRECTIONAL ARROWS AS SHOWN ON PLAN.

NOTES:

1. LIGHTING FIXTURE SCHEDULE IS FOR REFERENCE ONLY. CONTRACTOR TO COORDINATE ALL FIXTURE QUANTITIES, LOCATIONS AND CATALOG NUMBERS WITH ARCHITECTURAL DRAWINGS.
2. ALL LIGHTING FIXTURES ARE SPECIFIED AT 277V, UNLESS OTHERWISE NOTED.
3. HALF SHADED LIGHTING FIXTURE (◻) WITH 'EM' DENOTES FIXTURE IS FED BY CIRCUIT BACKED UP BY EMERGENCY GENERATOR.
4. HALF SHADED LIGHTING FIXTURE (◻) WITH 'EMB' DENOTES FIXTURE IS PROVIDED WITH EMERGENCY BATTERY BACK-UP. COORDINATE WITH MANUFACTURE FOR EXACT REQUIREMENTS.

DOB EMPLOYEE STAMPS AND SIGNATURES:

DOB BSCAN STICKER:

06-25-2012

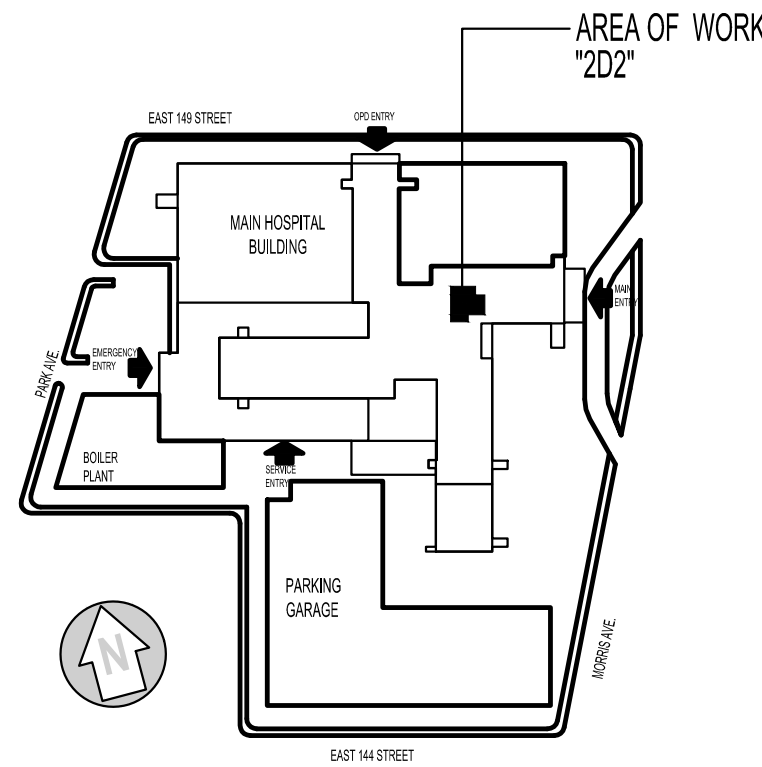
ISSUED TO DOB

REVISION

DATE

REASON FOR ISSUE

KEY PLAN :



CLIENT:

HHC NEW YORK CITY HEALTH AND HOSPITALS CORPORATION

CLIENT:

LINCOLN MEDICAL AND MENTAL HEALTH CENTER
234 East 149th Street, Bronx, New York 10451

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ENVIRONMENTAL ENGINEERING CONSULTANT:

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tel 212.695.1000 fax 212.695.1299 www.lilker.com

PROJECT:

NEW CLINIC RENOVATION AT SECOND FLOOR
234 East 149 Street Bronx, NY 10451

DRAWING:

ENERGY COMPLIANCE
DETAILS AND SYMBOL LIST

SCALE : NONE

DRAWN BY: JD

CHECKED BY: JM

DATE : 09-06-2011

JOB # : 21115.00

DRAWING #:

EN-002.00

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THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.