

LIGHTING CONTROL DEVICE SCHEDULE					
OCCUPANCY SENSORS					
SYMBOL	MANUFACTURER	EQUIVALENT MANUFACTURER	DEVICE DESCRIPTION	NOTES	VOLTAGE
OS	WATSTOPPER DT-300	COOPER HUBBLE LEVITON	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR 360% D COVERAGE. LOW VOLTAGE ISOLATED RELAY.	PIR MAJOR - 44', PIR MINOR - 25', ULT MAJOR 40' X 40', ULT MINOR 30' X 30'	24V
OS	WATSTOPPER LMLS-400	COOPER HUBBLE LEVITON	CEILING MOUNTED DAYLIGHT SENSOR 360% D COVERAGE.	FURNISH AND INSTALL WATSTOPPER ROOM CONTROLLER PER MANUFACTURER DIRECTION.	24V
AUXILIARY DEVICES					
SYMBOL	MANUFACTURER	EQUIVALENT MANUFACTURER	DEVICE DESCRIPTION	NOTES	VOLTAGE
RC	WATSTOPPER LMRC-210	COOPER HUBBLE LEVITON	DIGITAL ROOM CONTROLLER, INCLUDES ONE, TWO OR THREE RELAYS TO SWITCH A TOTAL OF 20 AMPS, 0-110 VOLTS OUTPUT PER RELAY FOR CONTROLLING DIMMABLE LOADS.		120/277V
P	WATSTOPPER BZ-150	COOPER HUBBLE LEVITON	POWER PACK FOR LOW VOLTAGE OCCUPANCY SENSOR WITH 20A LOAD RELAY AND INTEGRAL TRANSFORMER, MANUAL AND AUTO MODES, HOLD ON AND HOLD OFF INPUTS.		120/277V
WALL SWITCHES					
SYMBOL	MANUFACTURER	EQUIVALENT MANUFACTURER	DEVICE DESCRIPTION	NOTES	VOLTAGE
LV	WATSTOPPER DCC2	COOPER HUBBLE LEVITON	LOW VOLTAGE MOMENTARY SWITCH FOR MANUAL ON/OFF CONTROL INTEGRAL LED ILLUMINATED WHEN LOAD IS ON.		24V

A. OCCUPANCY SENSOR BASED ON WATSTOPPER COVERAGE PATTERNS. ADJUST QUANTITIES AND LOCATIONS FOR EQUIVALENT MANUFACTURERS LISTED.
 B. PROVIDE ALL OCCUPANCY SENSORS BY THE SAME MANUFACTURER.
 C. PROVIDE ALL OPERATIONAL INSTRUCTIONS TO THE OWNER.
 D. ALL WALL SWITCHES AND CEILING MOUNTED SENSOR SWITCHES SHALL HAVE A TIME ADJUSTMENT OF 0-30 MINUTES, UNLESS NOTED OTHERWISE.
 E. LIGHTING CONTROLS SHALL BE SUBMITTED AS A SEPARATE SUBMITTAL FROM ALL LIGHTING FIXTURES.
 F. CONTRACTOR IS RESPONSIBLE TO MAKE SURE ALL CONTROLS AND DEVICES ARE COMPATIBLE WITH LIGHTING FIXTURES.

LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER MODEL NUMBER	NO.	LAMPS		VOLTS	WATTS	DESCRIPTION
			TYPE	NO.			
F4A	JUNO T831WH, SOLAIS LIGHTING LR30LN/40/30V/1450/18	1	LED, 80CRI, 3000K, 1450 LUMENS, PAR30	1	120V	18	ONE LIGHT ADJUSTABLE ACCENT LIGHT, 40 DEG WIDE BEAM, MOUNTED WITH BASIC TRACK
F4B	JUNO T2WH, T4WH, T6WH, T8WH	-	-	-	-	-	TRACK TO HAVE A WHITE FINISH. FURNISH ALL NEEDED HARDWARE AND CONNECTION DEVICES.
F6/F6EM	TYC LIGHTING 1501-R-44-3-0-22-LED-30	1	LED, 3000K, 3600 LUMENS, 0-10V DIMMING	1	120V	46	GRID RECESSED EDGE LIT LED 2'X2' FLAT PANEL, INTERNAL LED DRIVER, FIXTURE "F6EM" FURNISHED WITH 90 MINUTE BATTERY BACKUP.
F8	BARN LIGHT ELECTRIC, BLE-C-WHA16-106-CS820-LED16-2700	1	LED, 2700K, 1250 LUMENS, 0-10V DIMMING	1	120V	16	COORDINATE DROP HEIGHT WITH AOR. MAX CORD LENGTH IS 8'.
F9	BARN LIGHT ELECTRIC, BLE-C-WHA12-106-CS820-LED16-2700	1	LED, 2700K, 1250 LUMENS, 0-10V DIMMING	1	120V	16	COORDINATE DROP HEIGHT WITH AOR. MAX CORD LENGTH IS 8'.
X	E-CO-NOLIGHT, E-XEL SERIES, EXIT LIGHT	-	LED, 90 MIN. BATTERY BACKUP	-	120V	5	LED, EDGE LIT EXIT SIGN WITH BATTERY BACKUP.
EM	E-CO-NOLIGHT, E-XM11 SERIES, EMERGENCY LIGHT	-	LED, 90 MIN. BATTERY BACKUP	-	120V	5	LED, EMERGENCY LIGHT WITH BATTERY BACKUP

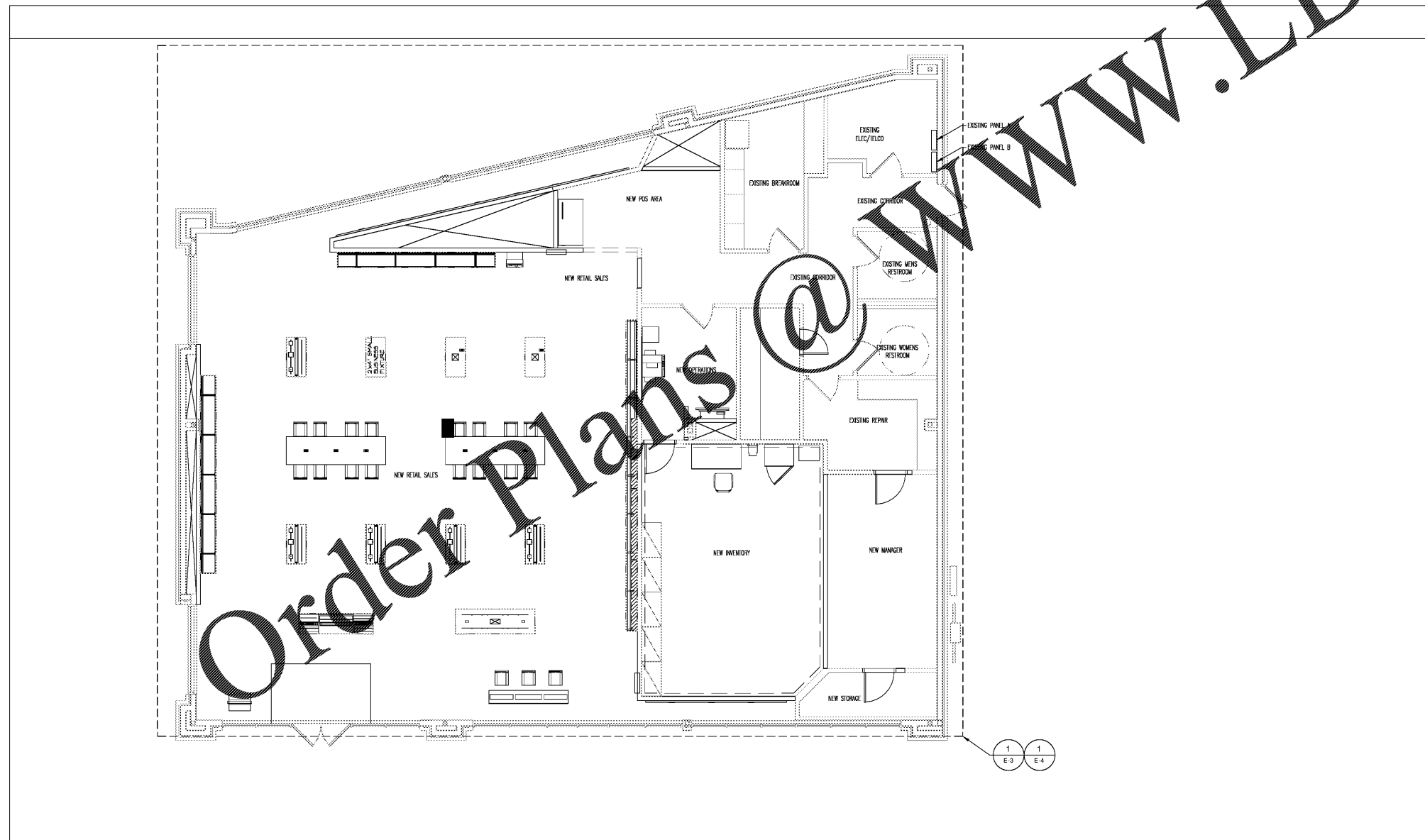
GENERAL LIGHTING NOTES:
 A. COORDINATE LIGHT FIXTURE QUANTITY, MODEL NUMBER, FIXTURE FINISHES AND MOUNTING HARDWARE REQUIRED BEFORE ORDERING FIXTURES.
 B. COORDINATE LIGHTING FIXTURE CONTROLS WITH DRAWINGS AND LIGHT FIXTURE CONTROL SCHEDULE.

NOTES:
 1. PROVIDE SUBMITTAL FOR LIGHTING FIXTURE TO AOR APPROVAL BEFORE ORDERING.
 2. ORDER ALL FIXTURES PER SCHEDULE. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT OWNER APPROVAL.
 3. PROVIDE ALL TRACK FEEDS, FITTINGS AND MOUNTING HARDWARE PER PLANS FOR ALL FIXTURES AND TRACK.
 4. CONFIRM FINAL FIXTURE COUNT IS CORRECT PER PLANS BEFORE ORDERING FIXTURES AND REQUIRED HARDWARE.

ELECTRICAL SYMBOLS LEGEND		
SYMBOLS	DESCRIPTION	
FLR/CLG. WALL	EXIT LIGHT (SOLID INDICATES FACE)	
	INCANDESCENT FIXTURE	
	EMERGENCY BATTERY UNIT GMBAL	
	EMERGENCY EXTERIOR LIGHTING UNIT	
	JUNCTION BOX	
	DUPLEX RECEPTACLE	
	DUPLEX RECEPTACLE-SEASON	
	DUPLEX RECEPTACLE-DIMMED CIRCUIT	
	DUPLEX RECEPTACLE W/DUAL USE/250V	
	DUPLEX RECEPTACLE-5/50V GROUND	
	SIMPLEX RECEPTACLE	
	SIMPLEX RECEPTACLE-5/50V GROUND	
	DUPLEX RECEPTACLE-ISOLATED GROUND	
	DUPLEX RECEPTACLE-ISOLATED GROUND	
	FLOOR POWER/DATA COMBINATION	
	DUPLEX PHONE	
	DUPLEX PHONE	
	SIMPLEX DATA	
	DUPLEX DATA	
	SIMPLEX PHONE/DATA	
	DUPLEX PHONE/DATA	
	FLOOR BOX DATA, FLOOR BOX DATA/PHONE	
	TIME SWITCH	
	SINGLE POLE SWITCH	
	TWO POLE SWITCH	
	THREE-WAY SWITCH	
	MOTOR RATED SWITCH	
	WALL MOUNTED OCCUPANCY SENSOR	
	CEILING MOUNTED OCCUPANCY SENSOR	
	CEILING MOUNTED DAY LIGHT SENSOR	
	DIMMER SWITCH	
	BUZZER	
	BELL	
	PUSHBUTTON (MOMENTARY)	
	PUSHBUTTON (START-STOP)	
	MOTOR	
	DISCONNECT SWITCH	
	MOTOR STARTER	
	COMBINATION MOTOR STARTER & DISCONNECT SWITCH	
	TELEPHONE BACKBOARD	
	PANELBOARD (208V)	
	EMERGENCY BATTERY PACK	
	LOW-VOLTAGE TRANSFORMER	
	HVAC TEMPERATURE SENSOR	
	THERMOSTAT REMOTE SENSOR	
	CONDUIT UP, CONDUIT DOWN	
	CIRCUITRY BURIED OR IN SLAB	
	CEILING FAN	
	CIRCUITRY IN WALL OR CEILING	
	CONDUIT HOMERUN TO PANEL	

NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS MAY APPEAR ON DRAWINGS.

AMP AMPERES	EL ELEVATION ABOVE FINISH FLOOR
AFT ABOVE FINISH FLOOR	HP HORSEPOWER
AOR ARCHITECT OF RECORD	KCC KITCHEN CONTRACTOR
BIC BRANCH TO CONNECTION POINT AND CONNECT TO EQUIPMENT	KW KILOWATTS
BIF BRANCH TO FIXTURE, FURNISH AND INSTALL RECEPTACLE	PH PHASE
BOH BACK OF HOUSE	SP SWITCH AND PILOT LIGHT
DFA DOWN FROM ABOVE	SU STUB UP ABOVE FINISH FLOOR
FOH FRONT OF HOUSE	SW SWITCH AS NOTED
ONU UNLESS NOTED OTHERWISE	V VOLTS
	W WATTS

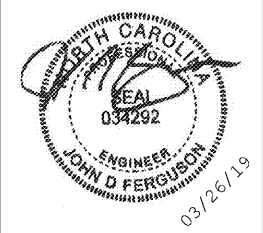
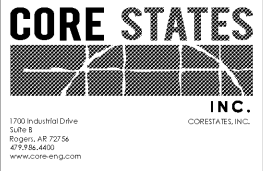


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REFERENCE KEYPLAN SCALE NTS 1



VERIZON WIRELESS
 HENDERSONVILLE-NEXT GEN
 1602 FOUR SEASONS BLVD.
 HENDERSONVILLE, NC 28792



ISSUE	DATE	DESCRIPTION
0	03/20/19	ISSUED FOR PERMIT/BID

PROJECT INFORMATION
 PROJECT NO: V2W.26121
 DATE: AS NOTED
 SCALE: AS NOTED
 DRAWN BY: M.SCHENK
 CHECKED BY: K.CRAIG

REFERENCE KEYPLAN AND LEGEND

SHEET NUMBER
 E-1