

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR TO CENTERLINE OF DEVICE UNO.
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CKT	CIRCUIT
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CONST	CONSTRUCTION
CW	COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DL	LIGHTS WITHIN DAYLIGHT ZONE
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ECP	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EXIST	EXISTING
EXT	EXTERIOR
F&I	FURNISH & INSTALL
FLR	FLOOR
FT	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HR	HOOR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LS	LIGHT SENSOR PHOTOCCELL
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NL	NIGHTLIGHT
NTS	NOT TO SCALE
OCp	OVERCURRENT PROTECTION
REF	REFERENCE
REQ(D)	REQUIRE(D)
REV	REVISION
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
Typ	TYPICAL
UNO	UNLESS NOTED OTHERWISE
USB	20A DUPLEX RECEPTACLE WITH USB CHARGING PORT (SEE SPECIFICATION ON THIS SHEET)
WH	WATER HEATER
WP	WEATHER PROOF

ELECTRICAL SYMBOL LEGEND

⓵	JUNCTION BOX	Ⓛ	RECEPTACLE: DUPLEX
Ⓢ	SWITCH	Ⓛ	RECEPTACLE: DUPLEX - ONE SWITCHED
Ⓢ ₃	THREE-WAY SWITCH	Ⓛ	RECEPTACLE: QUADPLEX
Ⓢ ^M	MOTION (OCCUPANCY) SENSOR SWITCH	▽	DATA OUTLET
Ⓢ	SWITCHBACK	Ⓛ	RECEPTACLE: FLOOR DUPLEX
▼	TELEPHONE	Ⓛ	GROUNDING ELECTRODE CONNECTION
Ⓢ	THERMOSTAT (EMS)	NL	NIGHTLIGHTING 24HR/DAY
Ⓢ	THERMOSTAT SENSOR (EMS)	Ⓛ	PHOTOELECTRIC CELL (EMS)
Ⓢ ^D	DIMMER SWITCH	Ⓛ	SPEAKER
Ⓢ	SPECIAL RECEPTACLE: SEE NOTE/SCHEDULE FOR DETAILS		
Ⓢ	RACEWAY CONCEALED IN CEILING OR WALL. HASH MARKS INDICATE NUMBER OF WIRES. #12 AWG WIRE UNLESS OTHERWISE NOTED. TWO WIRES PLUS GROUND IF NO HASH MARKS SHOWN. LONG HASH MARK DENOTES NEUTRAL. DOT DENOTES GROUND.		

RECEPTACLE WITH USB CHARGING PORT

PROVIDE UL FEDERAL SPECIFICATION CERTIFIED TAMPER-RESISTANT DUPLEX RECEPTACLE WITH USB CHARGING CAPABILITIES. FEATURES SHALL INCLUDE OVERALL 3.1A USB CHARGING CAPABILITY, AUTO GROUND CLIPS, ZINC-PLATED GROUND TERMINAL SCREW AND TRIPLE-WIPE BRASS CONTACTS.
PASS & SEYMOUR #TR5362USB* OR EQUAL
* - FINISH COLOR SHALL BE AS SPECIFIED ON ARCHITECTURAL DRAWINGS OR AS DIRECTED BY OWNER'S REPRESENTATIVE.

CARBON MONOXIDE (CO) DETECTOR NOTES

COORDINATE INSTALLATION OF CARBON MONOXIDE (CO) DETECTOR DEVICE(S) AND LOW VOLTAGE WIRING WITH STARBUCKS SECURITY VENDOR FOR NEW STORES, RELOCATIONS AND MAJOR RENOVATIONS, IF IN VENDOR SCOPE. VENDOR TO PROVIDE AND INSTALL DEVICE(S) IN BOH AND FOH (AS APPLICABLE PER STARBUCKS STANDARDS).

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL SURVEYOR EMS. PRIOR TO LAST WEEK OF CONSTRUCTION, IF NEEDED, FURNISH AND INSTALL TEMPORARY THERMOSTATS AND SENSORS, AND ROUTE ALL LOW VOLTAGE WIRING THROUGH EC PROVIDED CONDUITS (COORDINATE WITH ELECTRICAL).

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION. THE GENERAL CONTRACTOR IS TO CONTACT LCP VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED.

Approved: Glenn Steele
Plans Examiner # PX3718

BLD202323715

SECURITY SYSTEM NOTES

STARBUCKS CONTRACTS DIRECTLY WITH SECURITY VENDOR TO SUPPLY AND INSTALL THE SECURITY SYSTEM. CONTRACTOR TO SCHEDULE INSTALLATION OF SECURITY SYSTEM FOR FOUR (4) TIMES;

- MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
- SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
- SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
- SECURITY MONITORING COMPANY TO BRING SYSTEM ONLINE AND TRAIN PARTNERS AFTER POS INSTALL.

SECURITY VENDOR REQUIRES A MINIMUM TWO (2) WEEKS LEAD TIME FOR EACH INSTALLATION. SECURITY VENDOR WILL COORDINATE REGIONAL INSTALLERS. ALL ADDITIONAL EXPENSES INCURRED DUE TO THE CONTRACTOR'S FAILURE TO SCHEDULE ACCORDINGLY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TELEPHONE SYSTEM NOTES

IF ADDITIONAL TELEPHONE LINES ARE REQUIRED BEYOND THE STANDARD SINGLE LINE (SUCH AS FOR A FIRE ALARM) THE GENERAL CONTRACTOR SHALL CONTACT THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO BEGINNING CONSTRUCTION TO ORDER THE ADDITIONAL TELEPHONE LINE(S). REPORT ANY TELEPHONE INSTALLATION ISSUES IMMEDIATELY TO THE STARBUCKS CONSTRUCTION MANAGER.

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THERE ARE EXISTING, WORKING TELCO FACILITIES TO THE BUILDING OR THAT LANDLORD HAS FURNISHED AND INSTALLED ONE (1) 2" (51MM) MIN. (ENTRANCE) CONDUIT INCLUDING PULL STRING FROM TELCO STREET FEED LINE TO THE BUILDING AS IDENTIFIED BY THE PHONE COMPANY. NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF FACILITIES OR CONDUIT AND PULL STRING ARE NOT INSTALLED.

GENERAL CONTRACTOR IS TO ENSURE THAT THERE IS A 2" (51MM) MIN. CONDUIT WITH PULL STRING FROM THE DATA RACK TO THE DEMARC (TELCO TO CUSTOMER HAND OFF EQUIPMENT) WHEN THE DEMARC IS MORE THAN 10' FROM THE DATA RACK. DISTANCES LESS THAN 10' WILL NOT REQUIRE CONDUIT.

FIRE ALARM SYSTEM NOTES

IF STARBUCKS IS REQUIRED TO PROVIDE A FIRE ALARM AND/OR FIRE ALARM MONITORING AND/OR PHONE LINES FOR A FIRE ALARM, AS SPECIFIED IN THE LEASE AGREEMENT, THE CONTRACTOR IS TO NOTIFY GNOC IMMEDIATELY THAT FIRE ALARM LINES ARE NEEDED. STARBUCKS PREFERRED FIRE ALARM SERVICE PROVIDER, STANLEY, IS TO BE CONTACTED BY THE CONSTRUCTION MANAGER TO INSTALL FIRE ALARM PANEL AND/OR MONITORING SERVICE AS REQUIRED.

WIRELESS NETWORK NOTES

CABLING FOR INTERNET SERVICE SHALL BE FURNISHED AND INSTALLED BY THE VENDOR FOR FIBER OR BROADBAND CONNECTIONS. T1 AND ETHERNET EXTENSION CABLING IS PROVIDED BY THE STARBUCKS (TELEPHONE/ NETWORK) CABLING VENDOR. COORDINATE WITH STARBUCKS.

MUSIC SYSTEM NOTES

MOUNT OWNER FURNISHED SPEAKERS WHERE SHOWN ON INTERIOR REFLECTED CEILING PLANS AND IN COORDINATION WITH ALL PLANS, DETAILS AND MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL AND CONNECT OWNER FURNISHED WIRING SYSTEM BETWEEN ALL SPEAKERS AND THE OWNER PROVIDED MUSIC SYSTEM. SET WATTAGE TAP ON EACH SPEAKER'S ROTARY SWITCH PER TAP SETTINGS NOTED ON PLANS.

GENERAL ELECTRICAL NOTES

- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS. OVERALL CASEWORK COMPONENT DIMENSIONING ON ELECTRICAL DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE PROJECT MANUAL.
- ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANEL BOARD.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-ENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTORS EXPENSE UNLESS OTHERWISE NOTED.
- THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM OUTAGES WITH THE GENERAL CONTRACTOR AND LANDLORD AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY CONDUIT AND J-BOXES TO SUPPORT A COMPLETE SECURITY, PHONE, POS AND DATA SYSTEMS. SEE MANAGER WORKSTATION AND BAR POINT OF SALE (POS) POWER/TELECOM/SECURITY DIAGRAM. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. PROVIDE END-TO-END PULL STRINGS IN ALL CONDUITS. LABEL EACH END OF THE PULL STRING WITH CONDUIT SYSTEM ("SECURITY") AND DESTINATION ("CAFE", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
- EXPOSED/SURFACE MOUNTED CONDUITS SHALL ONLY BE ALLOWED WHERE NECESSARY IN EXPOSED CEILING AREAS. IF CONDUITS NEED TO BE SURFACE MOUNTED TO WALLS, COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL.
- VERIFY LOCATION OF ALL OUTLETS AND SWITCHES WITH ARCHITECTURAL DRAWINGS, INTERIOR DETAILS, FINISH SCHEDULES, GENERAL CONTRACTOR, EQUIPMENT VENDORS, STARBUCKS AND EXISTING SITE CONDITIONS. VERIFY FINAL DOOR HINGE LOCATION PRIOR TO SWITCH INSTALLATION AND ADJUST SWITCH LOCATION IF NEEDED. DO NOT MOUNT RECEPTACLES/SWITCHES IN LOCATIONS THAT WOULD CONFLICT WITH MIRRORS, SEAMS OF WALLS, WAINSCOTS, TILE TRANSITIONS, ETC...

GENERAL NOTES

SCOPE
THE INTENT OF THE DRAWINGS AND PROJECT MANUAL IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL WORK.

SITE EXAMINATION
THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, CONDUIT, AND WIRING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF CSA, ULC, NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES, THE HIGHEST STANDARD SHALL APPLY. ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

WARRANTY
THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER), LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

ELECTRICAL SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORKLETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORKLETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
MAIN BUILDING SERVICE AND POWER METER	EXISTING	
ELECTRICAL PANELS AND FEEDERS	X	
TEMPORARY POWER	X	
ELECTRICAL PANEL BREAKERS	X	
ABOVE FLOOR BRANCH CIRCUIT DISTRIBUTION		X
UNDER-FLOOR / SLAB POWER CONDUITS IN BUILDING (WIRING BY STARBUCKS)		X
UNDERGROUND SITE CONDUITS FOR DT, SIGNS, MENU BOARD, DETECTOR LOOP & DCB (WIRING / CABLING BY STARBUCKS)		X
SITE LIGHTING	X	
EXTERIOR BUILDING & PATIO LIGHTING	X	
DATA & PHONE SERVICE, DMARC & (2) 2" CONDUITS TO STARBUCKS SPACE		X
DT WINDOW POWER		X
DT WINDOW EXTERIOR LIGHTS (2 EACH)		X
FIRE ALARM SYSTEM		X



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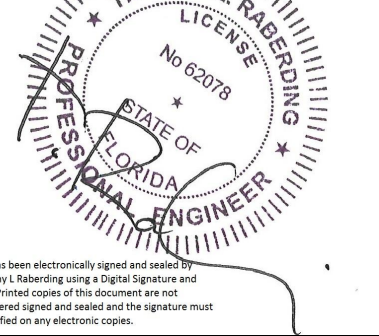
Donald J. Reithman
Architect in Charge

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Timothy L. Rabender, PE
Professional Engineer

09/12/2023



PROJECT NAME:
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PROJECT ADDRESS:
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LECANTO, FL 34461**

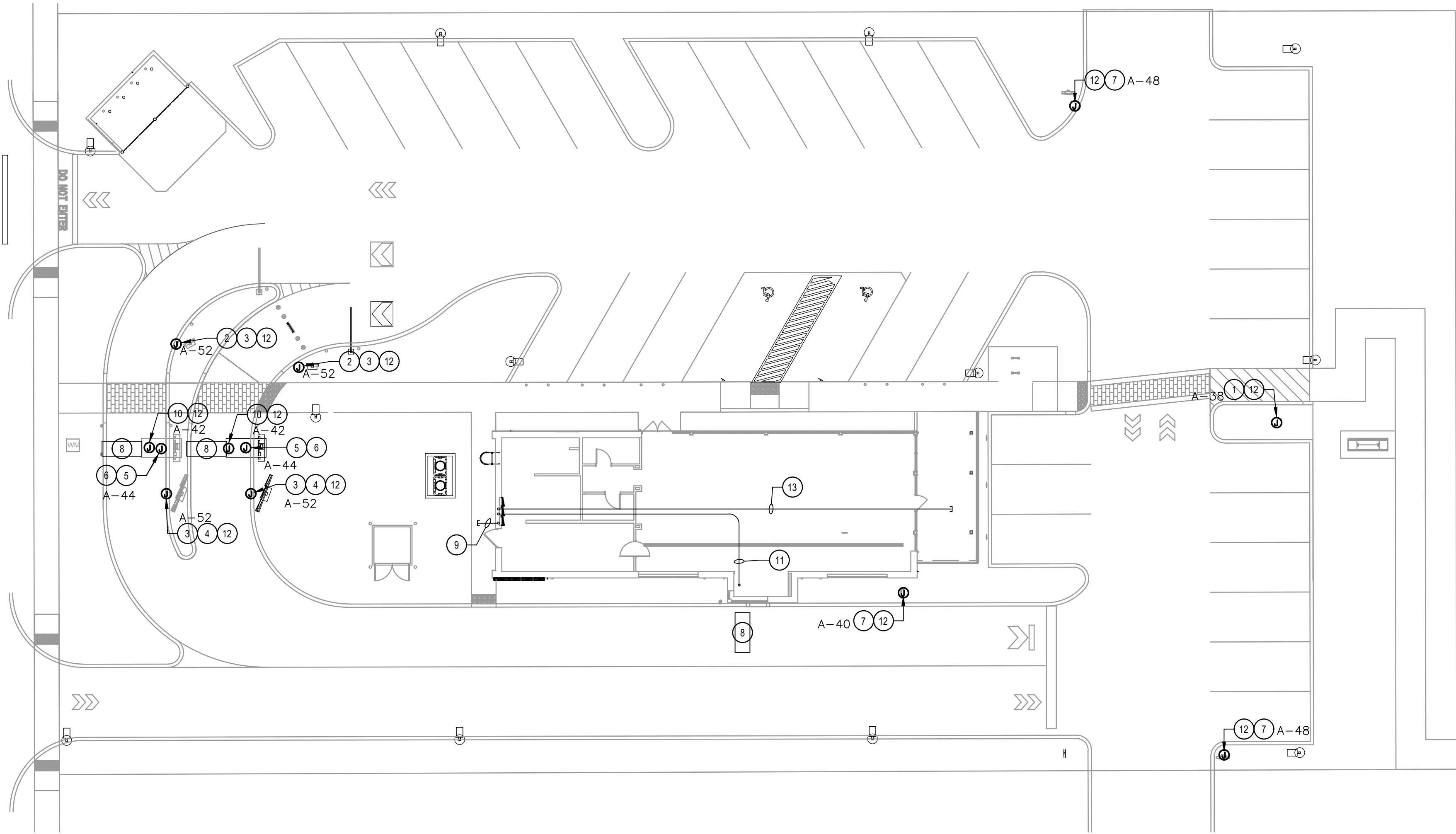
STORE #:	78366
PROJECT #:	97107-001
ISSUE DATE:	09/06/2023
DESIGN MANAGER:	RAI MONTERO
PRODUCTION DESIGNER:	ANDY MCLLOUD
CHECKED BY:	DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS INDICATED

SHEET NUMBER:
E-001



KEY NOTES: (NOT ALL NECESSARILY USED AT THIS LOCATION)

- 1 PROVIDE (1) 1" PVC CONDUIT FOR POWER CONNECTION TO STARBUCKS MONUMENT SIGNAGE. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 2 PROVIDE (1) 1" PVC CONDUIT FOR POWER CONNECTION TO PRE-MENU SIGN AND (1) 1" PVC CONDUIT WITH PULL STRING CONTINUOUS TO TELEPHONE BOARD FOR DATA CONNECTION. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 3 EXISTING (1) 1" PVC CONDUIT FOR FUTURE USE TO MENU SIGN AND TO PRE-MENU SIGN.
- 4 PROVIDE (1) 1" PVC CONDUIT FOR POWER CONNECTION TO MENU SIGN AND (1) 1" PVC CONDUIT WITH PULL STRING CONTINUOUS TO TELEPHONE BOARD FOR DATA CONNECTION. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 5 EXISTING (2) 1" PVC CONDUITS FROM OCS/SPEAKER POST (AKA DOS/DCB) TO DRIVE-THRU WINDOW - SEE LOW-VOLTAGE CABLE NOTES.
- 6 EXISTING (1) 1" PVC CONDUIT FROM OCS/SPEAKER POST (AKA DOS/DCB) TO ELECTRICAL PANEL. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 7 EXISTING (1) 1" PVC CONDUIT FOR POWER CONNECTION TO STARBUCKS DIRECTIONAL SIGNAGE. NOTE THAT UP TO THREE DIRECTIONAL SIGNS CAN BE SERVED BY A SINGLE CIRCUIT. ADDITIONAL SIGNS REQUIRE A NEW DEDICATED CIRCUIT AND CONDUIT. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- 8 EXISTING (1) 3/4" PVC CONDUIT FOR EACH OF TWO TENANT-FURNISHED DETECTOR LOOP SETS IN COORDINATION WITH TENANT CONSTRUCTION MANAGER.
- 9 EXISTING (1) SPARE 1" PVC CONDUIT THRU FOUNDATION WALL OUT REAR OF BUILDING, CAPPED AND TERMINATED ABOVE CEILING. VERIFY LOCATION OF STUB UP WITH TENANT'S REPRESENTATIVE.
- 10 EXISTING (1) 1" PVC CONDUIT TO CANOPY UPLIGHT FROM ELECTRICAL PANEL.
- 11 EXISTING (1) 1-1/2" CONDUIT FROM DATA RACK AT MANAGER WORKSTATION TO DRIVE-THRU BUMP.
- 12 CIRCUIT SERVING THIS DEVICE SHALL BE AUTOMATICALLY CONTROLLED. FURNISH AND INSTALL ALL CONDUIT, WIRE, CONNECTIONS, AND CONTACTORS NECESSARY TO ENSURE A FUNCTIONAL SYSTEM (SEE LIGHTING CONTROL DIAGRAM ON E-6001).
- 13 EXISTING (2) 1" PVC CONDUIT TO PATIO AREA FROM ELECTRICAL PANEL.

ELECTRICAL SITE PLAN NOTES

- A. VERIFY FULL SCOPE OF WORK WITH LANDLORD WORK LETTER PRIOR TO BID. NO EXTRAS OR CHANGE ORDERS SHALL BE GIVEN FOR THE GC'S FAILURE TO FULLY UNDERSTAND THE SCOPE.
- B. COORDINATE ALL CONDUIT ROUTING WITH ARCHITECTURAL AND CIVIL PLANS, AND OTHER TRADES.
- C. SIGN LOCATIONS ON THIS PLAN ARE FOR REFERENCE ONLY. ACTUAL LOCATIONS SHALL BE DETERMINED FROM THE ARCHITECTURAL AND CIVIL PLANS, AND THE CONSTRUCTION MANAGER.
- D. REFER TO POWER PLAN FOR PANELBOARD LOCATIONS.
- E. FOR ALL SIGN / MENU LOCATIONS, VERIFY ALL ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE CONDUCTORS AND OVERCURRENT PROTECTION FOR A COMPLETE INSTALLATION.

Approved: Glenn Steele
Plans Examiner # PX3718

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1 ELECTRICAL SITE PLAN
SCALE: 1"=10'-0"



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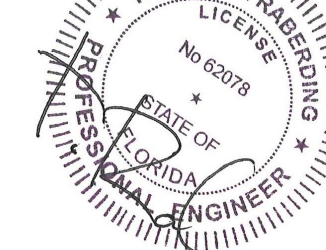
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Timothy L. Raberding, PE
Professional Engineer

09/12/2023



This has been electronically signed and sealed by the Engineer. The Engineer's name, title, and seal number are displayed on the document and the signature must be verified on any electronic copies.

PROJECT NAME:
LECANTO HWY &
NORVELL BRYANT

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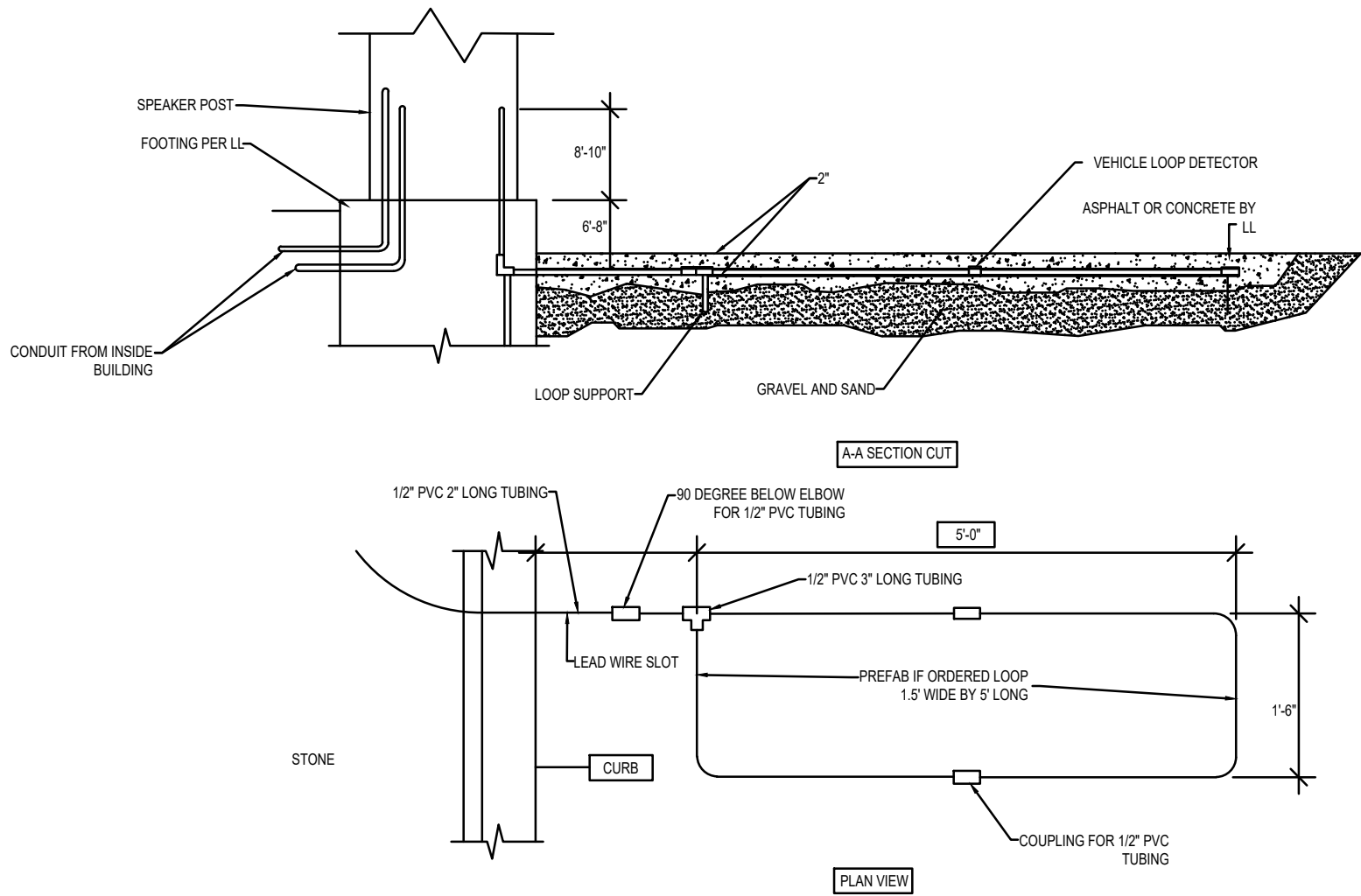
SHEET TITLE:
ELECTRICAL SITE
PLAN

SCALE: AS INDICATED

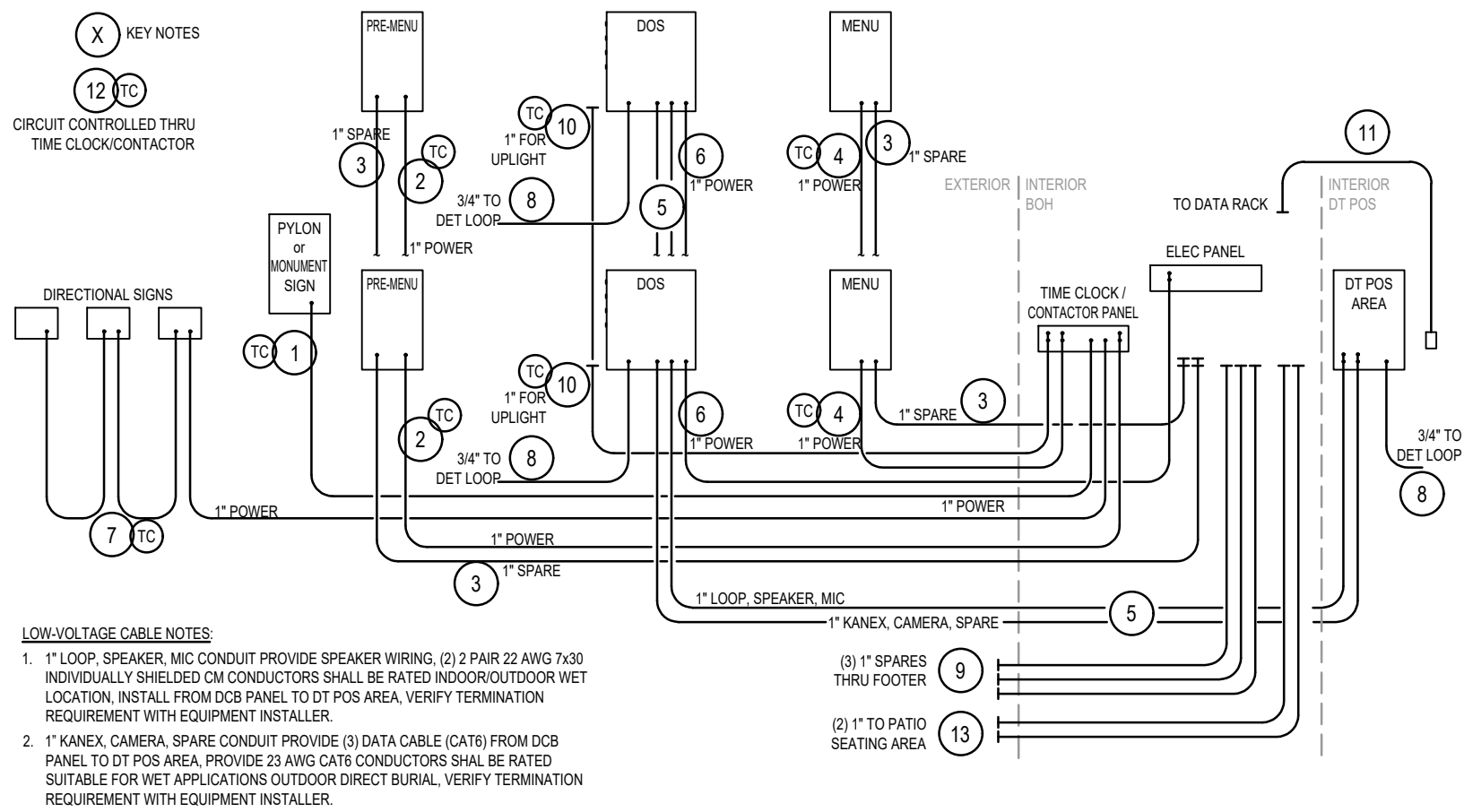
SHEET NUMBER:

E-004

FOR CONSTRUCTION



2 DT SENSOR LOOP DETAIL
SCALE: NTS



1 DTE CONDUIT SCHEMATIC
SCALE: NTS

KEY NOTES: (NOT ALL NECESSARILY USED AT THIS LOCATION)

- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO STARBUCKS MONUMENT SIGNAGE. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO PRE-MENU SIGN AND (1) 1" PVC CONDUIT WITH PULL STRING CONTINUOUS TO TELEPHONE BOARD FOR DATA CONNECTION. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 1" PVC CONDUIT FOR FUTURE USE TO MENU SIGN AND TO PRE-MENU SIGN.
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- (2) 1" PVC CONDUITS FROM OCS/SPEAKER POST (AKA DOS/DCB) TO DRIVE-THRU WINDOW - SEE LOW-VOLTAGE CABLE NOTES.
- PROVIDE (1) 1" PVC CONDUIT FROM OCS/SPEAKER POST (AKA DOS/DCB) TO ELECTRICAL PANEL. PROVIDE WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 1" PVC CONDUIT FOR POWER CONNECTION TO STARBUCKS DIRECTIONAL SIGNAGE. NOTE THAT UP TO THREE DIRECTIONAL SIGNS CAN BE SERVED BY A SINGLE CIRCUIT. ADDITIONAL SIGNS REQUIRE A NEW DEDICATED CIRCUIT AND CONDUIT. PROVIDE A WEATHERPROOF JUNCTION BOX WITH DISCONNECT SWITCH.
- (1) 3/4" PVC CONDUIT FOR EACH OF TWO TENANT-FURNISHED DETECTOR LOOP SETS IN COORDINATION WITH TENANT CONSTRUCTION MANAGER.
- (1) SPARE 1" PVC CONDUIT THRU FOUNDATION WALL OUT REAR OF BUILDING, CAPPED AND TERMINATED ABOVE CEILING. VERIFY LOCATION OF STUB UP WITH TENANT'S REPRESENTATIVE.
- (1) 1" PVC CONDUIT TO CANOPY UPLIGHT FROM ELECTRICAL PANEL.
- (1) 1-1/2" CONDUIT FROM DATA RACK AT MANAGER WORKSTATION TO DRIVE-THRU BUMP.
- CIRCUIT SERVING THIS DEVICE SHALL BE AUTOMATICALLY CONTROLLED. (SEE LIGHTING CONTROL DIAGRAM ON E-601).
- (2) 1" PVC CONDUIT TO PATIO AREA FROM ELECTRICAL PANEL.

ELECTRICAL SITE PLAN NOTES

- VERIFY FULL SCOPE OF WORK WITH LANDLORD WORK LETTER PRIOR TO BID. NO EXTRAS OR CHANGE ORDERS SHALL BE GIVEN FOR THE GC'S FAILURE TO FULLY UNDERSTAND THE SCOPE.
- COORDINATE ALL CONDUIT ROUTING WITH ARCHITECTURAL AND CIVIL PLANS, AND OTHER TRADES.
- SIGN LOCATIONS ON THIS PLAN ARE FOR REFERENCE ONLY, ACTUAL LOCATIONS SHALL BE DETERMINED FROM THE ARCHITECTURAL AND CIVIL PLANS, AND THE CONSTRUCTION MANAGER.
- REFER TO POWER PLAN FOR PANELBOARD LOCATIONS.
- FOR ALL SIGN / MENU LOCATIONS, VERIFY ALL ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE CONDUCTORS AND OVERCURRENT PROTECTION FOR A COMPLETE INSTALLATION.

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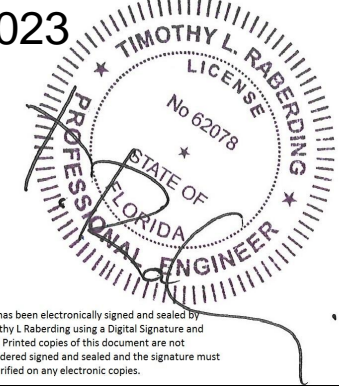
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Timothy L. Raberding, PE
Professional Engineer

09/12/2023



PROJECT NAME:
LECANTO HWY & NORVELL BRYANT

PROJECT ADDRESS:
**3159 W NORVELL BRYANT HWY
LECANTO, FL 34461**

STORE #: 78366
PROJECT #: 97107-001
ISSUE DATE: 09/06/2023
DESIGN MANAGER: RAI MONTERO
PRODUCTION DESIGNER: ANDY MCLOUD
CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:
ELECTRICAL SITE DETAILS
SCALE: AS INDICATED

SHEET NUMBER:
E-004.1

ELECTRICAL DESIGN PLAN NOTES

- A. REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- D. ALL FUTURE EQUIPMENT NEEDED HEREIN SHALL BE PROVIDED WITH AN APPROPRIATE RECEPTACLE AND FULLY WIRED. EVEN IF NOT SPECIFICALLY INDICATED.
- E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- G. ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

DEVICE SCHEDULE

DEVICE ID	DESCRIPTION	NEMA	VOLTS	NOTES	QUANTITY
10075	CUP LABELER	5-15	120V 1P 2W	PROVIDE RECEPTACLE BELOW COUNTER	4
10075Q	CUP LABELER	5-15	120V 1P 2W	PROVIDE RECEPTACLE BELOW COUNTER	1
10267	1-DOOR UC REFRIGERATOR	5-15	120V 1P 2W	PROVIDE RECEPTACLE @ 26" AFF	7
10312	SERVER STAND	5-15	120V 1P 2W	PROVIDE (1) QUADRAPLEX RECEPTACLE BELOW COUNTER FOR EVERY (4) SERVER STANDS (MAX)	1
10746	DUAL BREWER	14-50	208/120V 2P 3W	SEE DRAWING NOTE	1
10874	INSTA-HOT	5-20	120V 1P 2W	PROVIDE RECEPTACLE 26" AFF ON DEDICATED GFCI PROTECTED CIRCUIT.	1
11083	2-DOOR R-I REFRIGERATOR	5-15	120V 1P 2W	PROVIDE RECEPTACLE ON DEDICATED CIRCUIT @ 84" AFF	2
12508	BLENDER	5-15	120V 1P 2W	PROVIDE A DUPLEX FOR EACH BLENDER ON DEDICATED CIRCUIT. MOUNT DUPLEX UNDER COUNTER.	2
12618	1-DOOR UC REFRIGERATOR	5-15	120V 1P 2W	RECEPTACLE @ 26" AFF	2
13682	2-DOOR R-I FREEZER	5-20	120V 1P 2W	PROVIDE RECEPTACLE ON DEDICATED CIRCUIT @ 84" AFF	2
15186	SANITIZER	14-50R	208/120V 2P 3W		1
15749	INSTA-HOT	5-20	120V 1P 2W	PROVIDE QUAD RECEPTACLE 26" AFF ON DEDICATED GFCI PROTECTED CIRCUIT FOR INSTA-HOT AND U.C. REFRIGERATOR	3
16238	FOOD CASE		208/120V 2P 3W	PROVIDE HARDWIRED CONNECTIONS FOR REFRIGERATION AND LIGHTING. ROUTE 3/4" CONDUIT WITH 2#12 AND 1#12 GROUND TO PANEL.	1

DEVICE SCHEDULE

DEVICE ID	DESCRIPTION	NEMA	VOLTS	NOTES	QUANTITY
16623	DIGITAL SCALE & GRINDER	5-15	120V 1P 2W	PROVIDE RECEPTACLE BELOW COUNTER	1
18846	ICE MACHINE		208V 2P 2W	CONFIRM VOLTAGE CONFIGURATION PRIOR TO ROUGH IN. CONFIRM NEMA CONFIGURATION OF RECEPTACLE OR INSTALL J-BOX AS REQUIRED. CONDENSER UNIT WIRING RUN FROM TERMINAL BLOCK IN INDOOR UNIT TO CONDENSER IF APPLICABLE.	1
19742	ESPRESSO MACHINE	6-50	208/120V 2P 3W	VERIFY FINAL CONNECTION REQUIREMENTS WITH EQUIPMENT MFR	3
20010	1-DOOR UC REFRIGERATOR	5-15	120V 1P 2W	PROVIDE RECEPTACLE @ 26" AFF	1
20032	TURBOCHEF OVEN	6-30	208/120V 2P 3W	SEE DRAWING NOTE.	2
21679	NITROGEN GENERATOR	5-15	120V 1P 2W	PROVIDE 120V RECEPTACLE	1
X4001	SURFACE MTD HAND DRYER		120V 1P 2W	COORDINATE EXACT VOLTAGE/WIRING REQUIREMENTS WITH VENDOR AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.	2

GROUND FAULT PROTECTION NOTES:

PROVIDE GFCI PROTECTION AS REQUIRED BY NEC 210.8.

CIRCUITS REQUIRING GFCI PROTECTION IDENTIFIED WITH * ON PANEL SCHEDULES (SEE E-601).

ABOVE-COUNTER RECEPTACLES THAT ARE READILY ACCESSIBLE AND WITHIN REACH OF PARTNERS SHALL BE GFCI TYPE.

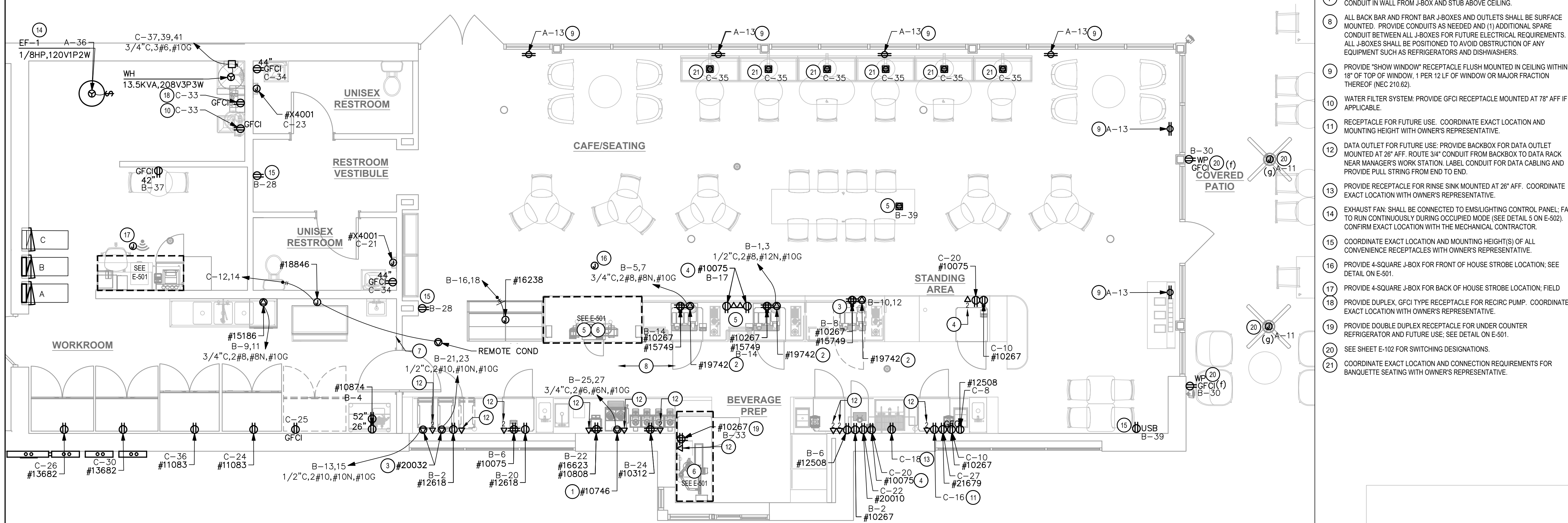
BELOW-COUNTER RECEPTACLES, OR RECEPTACLES THAT ARE DIFFICULT TO REACH OR REQUIRE MOVING EQUIPMENT TO RESET, AND ARE NOT READILY ACCESSIBLE SHALL BE PROTECTED BY GFI CIRCUIT BREAKERS.

WHERE THE AVAILABLE SHORT CIRCUIT CURRENT EXCEEDS 22,000 AMPS AT THE PANELBOARD, CONTACT CIRCUIT BREAKER MANUFACTURER AND PROVIDE GFCI TYPE CIRCUIT BREAKER THAT SERIES RATES WITH PANEL OVER CURRENT PROTECTION IF AVAILABLE.

WHERE THE AVAILABLE SHORT CIRCUIT CURRENT EXCEEDS 22,000 AMPS AT THE PANELBOARD, AND GFCI BREAKERS ARE NOT AVAILABLE, PROVIDE DEAD-FRONT GFCIS (IN A READILY ACCESSIBLE LOCATION) TO SERVE RECEPTACLES THAT ARE NOT READILY ACCESSIBLE.

KEY NOTES

- DUAL BREWER: PROVIDE NEMA 14-50R RECEPTACLE, HUBBELL HBL9450A SERIES OR EQUAL MOUNTED AT 48" AFF AND INSTALL NECESSARY CONDUIT, WIRE AND CONNECTIONS BACK TO SERVING PANEL. PROVIDE NEMA 14-50P ANGLED PLUG AND CORD, HUBBELL HBL9452C SERIES OR EQUAL.
- ESPRESSO MACHINE: PROVIDE NEMA 6-50R RECEPTACLE, HUBBELL9367 SERIES OR EQUAL MOUNTED AT 30" AFF AND INSTALL NECESSARY CONDUIT, WIRE AND CONNECTIONS BACK TO SERVING PANEL. PROVIDE NEMA 6-50P ANGLED PLUG, HUBBELL HBL9368 SERIES OR EQUAL.
- WARMING OVEN: PROVIDE NEMA 6-30R RECEPTACLE MOUNTED AT 26" AFF AND INSTALL NECESSARY CONDUIT, WIRE AND CONNECTIONS BACK TO SERVING PANEL.
- CUP LABELER OR MOBILE ORDER PRINTER: PROVIDE RECEPTACLE AND BACKBOX FOR DATA OUTLET MOUNTED AT 26" AFF. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGERS WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END.
- FLOOR POWERDATA: SEE PENETRATION PLAN FOR EXACT DIMENSIONING OR LOCATION.
- POS: FURNISH AND INSTALL DOUBLE-DUPLEX MOUNTED AT 18" AFF PROVIDE DEDICATED GROUND WIRE BACK TO SERVING PANEL. INSTALL (1) J-BOX FOR DATA OUTLET AND (1) J-BOX FOR PHONE OUTLET MOUNTED AT 18" AFF. SEE DETAILS ON E-501.
- ALARM KEYPAD AND EMERGENCY CALL PHONE: MOUNT AT 54" AFF. ROUTE CONDUIT IN WALL FROM J-BOX AND STUB ABOVE CEILING.
- ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- PROVIDE "SHOW WINDOW" RECEPTACLE FLUSH MOUNTED IN CEILING WITHIN 18" OF TOP OF WINDOW, 1 PER 12 LF OF WINDOW OR MAJOR FRACTION THEREOF (NEC 210.62).
- WATER FILTER SYSTEM: PROVIDE GFCI RECEPTACLE MOUNTED AT 78" AFF IF APPLICABLE.
- RECEPTACLE FOR FUTURE USE. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER'S REPRESENTATIVE.
- DATA OUTLET FOR FUTURE USE: PROVIDE BACKBOX FOR DATA OUTLET MOUNTED AT 26" AFF. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGERS WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END.
- PROVIDE RECEPTACLE FOR RINSE SINK MOUNTED AT 26" AFF. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE.
- EXHAUST FAN: SHALL BE CONNECTED TO EMS/LIGHTING CONTROL PANEL; FAN TO RUN CONTINUOUSLY DURING OCCUPIED MODE (SEE DETAIL 5 ON E-502). CONFIRM EXACT LOCATION WITH THE MECHANICAL CONTRACTOR.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHT(S) OF ALL CONVENIENCE RECEPTACLES WITH OWNER'S REPRESENTATIVE.
- PROVIDE 4-SQUARE J-BOX FOR FRONT OF HOUSE STROBE LOCATION; SEE DETAIL ON E-501.
- PROVIDE 4-SQUARE J-BOX FOR BACK OF HOUSE STROBE LOCATION; FIELD
- PROVIDE DUPLEX, GFCI TYPE RECEPTACLE FOR RECIRC PUMP. COORDINATE EXACT LOCATION WITH OWNER'S REPRESENTATIVE.
- PROVIDE DOUBLE DUPLEX RECEPTACLE FOR UNDER COUNTER REFRIGERATOR AND FUTURE USE; SEE DETAIL ON E-501.
- SEE SHEET E-102 FOR SWITCHING DESIGNATIONS.
- COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS FOR BANQUETTE SEATING WITH OWNER'S REPRESENTATIVE.



Approved: Glenn Steele
Plans Examiner # PX3718

BLD202323715

1 POWER PLAN
SCALE: 1/4" = 1'-0"



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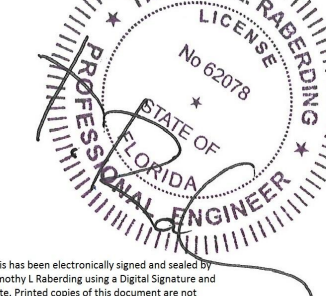
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CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:
ELECTRICAL DESIGN PLAN

SCALE: AS INDICATED

SHEET NUMBER:
E-101

TRACK SCHEDULE

DESIGN ID	QUANTITY	DESCRIPTION	RESP.	MODEL	LAMP	MAX WATTS
12947	2	TRACK - WITH CONNECTORS - 8FT - BLACK	GC-SB	TRACK: (2) JUNO R4BL END FEED CONN: (1) JUNO R38BL MINI CONNECTOR: (1) JUNO R23BL		0
12948	6	TRACK - WITH CONNECTORS - 16FT - BLACK	GC-SB	TRACK: (4) JUNO R4BL END FEED CONN: (1) JUNO R38BL MINI CONNECTOR: (3) JUNO R23BL ADJUSTABLE CONN: (1) JUNO R20BL		0
12949	3	TRACK - WITH CONNECTORS - 12FT - BLACK	GC-SB	TRACK: (3) JUNO R4BL END FEED CONN: (1) JUNO R38BL MINI CONNECTOR: (2) JUNO R23BL ADJUSTABLE CONN: (1) JUNO R20BL		0
15058	2	TRACK - WITH CONNECTORS - 6FT 183CM - BLACK	GC-SB	TRACK: (1) JUNO R4BL & (1) R2BL END FEED CONN: (1) JUNO R38BL MINI CONNECTOR: (3) JUNO R23BL ADJUSTABLE CONN: (1) JUNO R20BL		0
15059	2	TRACK - WITH CONNECTORS - 6FT 183CM - WHITE	GC-SB	TRACK: (1) JUNO R4WH & (1) R2WH END FEED CONN: (1) JUNO R38WH MINI CONNECTOR: (3) JUNO R23WH ADJUSTABLE CONN: (1) JUNO R20WH		0
21777	29	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM SPOT	GC-SB	LEDRA #350440-13LM-30K-90CRI-20DEC-120-ELV-BK 350440/SNOOTBK	INTEGRAL LED	14

LIGHTING FIXTURE SCHEDULE 'L'

DESIGN ID	QUANTITY	DESCRIPTION	RESP.	MODEL	LAMP	MAX WATTS
19044	2	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	GC-SB	NAVILITE #NXPCL3RWH	INTEGRAL LED	5
19047	3	LED EXIT SIGN WITH EMERGENCY LIGHT - BLACK AND GREEN	GC-SB	NAVILITE #NXPCL3GBL	INTEGRAL LED	5
19057	2	LED EMERGENCY LIGHT DOUBLE - BLACK	GC-SB	CONFIRM MODEL NUMBER WITH VENDOR	INTEGRAL LED	5
20748	2	SCONCE - KUZCO PLUTO TRIPLE - CHROME	GC-SB	CONFIRM MODEL NUMBER WITH VENDOR	INTEGRAL LED	15
21422	1	SOFT CONE PENDANT	GC-SB	REJUVINATION #A2373 - UNGLAZED TOAST-OIL-BUBBED BRONZE	(1) 6W	6
21769	36	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM SPOT	GC-SB	LEDRA #NU3-RA-SW-13LM/12W-27K-90CRI-S20-120-DIM10-NC-BK-EM7 BATTERY BACKUP OPTION FOR FIXTURES WITH 'EM' DESIGNATION	INTEGRAL LED	12
21771	10	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	GC-SB	LEDRA #NU3-RA-SW-13LM/12W-27K-90CRI-S35-120-DIM10-NC-BK-BK	INTEGRAL LED	12
21783	7 FT	TROFFER - LED RECESSED - 24X48IN - 600X1200MM - WHITE - 3900LM	GC-SB	ILP #PAN24-36WLED-U-35 EM12 BATTERY BACKUP OPTION FOR FIXTURES WITH 'EM' DESIGNATION	INTEGRAL LED	36
22215	44	LED STRIP - 4.6W/LF REFER TO ARCHITECTURAL SCHEDULE FOR QUANTITIES AND LENGTHS	GC-SB	CS ILLUMINATION #LL91STP-MO-27K-SL/NC-SL/NC-*SEE ARCHITECTURAL DRAWINGS FOR LENGTHS REQUIRED	LED TAPE STRIP	4.6

RESPONSIBILITY LEGEND

SB	STARBUCKS
GC	GENERAL CONTRACTOR
VD	VENDOR
LL	LANDLORD

LIGHTING DESIGN PLAN NOTES

- A. ALL FIXTURES IN WORK ROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS / FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.
- B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- C. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.
- D. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.
- E. IF PENDANT CYLINDERS CAN SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO DIMENSIONED HEIGHT.
- F. REFER TO POWER PLAN FOR PANELBOARD LOCATIONS.

KEY NOTES

- 1 ELECTRICAL CONTRACTOR TO VERIFY THAT A WEATHERPROOF SWITCH IS PROVIDED BY THE SIGN COMPANY. IF NOT ONE MUST BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- 2 ELECTRICAL CONTRACTOR TO PROVIDE DIRECT ACCESSIBLE POWER FOR ALL ELECTRICAL SIGNAGE WITHIN 6'-0" OF THE SIGN LOCATION PROVIDE CONDUIT AND STUB THRU WALL, J-BOX AND ANY REQUIRED O.C.P. CIRCUIT THROUGH NEW LIGHTING CONTROL PANEL (SEE DETAILS ON E-502 AND E-601).
- 3 SWITCH BANK LOCATION: SEE CONTROL ZONE DETAIL ON THIS SHEET AND LIGHTING CONTROL DIAGRAM ON E-601. SWITCHES SHALL SERVE AS LOCAL OFF SWITCH.
- 4 PROVIDE 4A CURRENT LIMITING DEVICE (CLD) #RCLF11WH-TCL4WH. ALL SALES/SEATING TRACK SHALL BE CIRCUITED VIA THIS CLD.
- 5 LED LIGHT STRIP: REFER TO ARCHITECTURAL DETAILS FOR ADDITIONAL MOUNTING INFORMATION.
- 6 PROVIDE 120V CONNECTION TO MOP SIGNAGE; CONTROL WITH ACCENT LIGHTS.
- 7 WALL MOUNTED OCCUPANCY SENSOR (LEVITON IPS02 1LW) SHALL CONTROL THE LIGHTS IN THIS ROOM. SET FOR 5 MINUTE TIME DELAY.
- 8 EXIT SIGNS AND EMERGENCY LIGHTS SHALL BE CIRCUITED TO LOCAL CIRCUIT AHEAD OF ANY CONTROLS.
- 9 LOCATION OF LIGHTING CONTROL PANEL (SEE CONTROL ZONE SCHEDULE THIS SHEET AND DETAILS ON E-502 AND E-601).
- 10 EXISTING EXTERIOR NORMAL AND EMERGENCY EGRESS LIGHTING TO REMAIN: MAINTAIN EXISTING CIRCUITING AND CONTROLS.
- 11 PROVIDE BATTERY BACKUP FOR TROFFER AND CANS MARKED WITH 'EM' DESIGNATION TO BE USED AS EMERGENCY LIGHTING IN EVENT OF POWER LOSS. SEE LIGHTING SCHEDULE FOR BATTERY BACKUP ORDERING CODE.

CONTROL ZONE SCHEDULE

a - BACK BAR/PREP AREA	\$ ^a	\$ ^b	\$ ^c	\$ ^d	\$ ^e
b - SALES/SEATING TRACK LIGHTS*	\$ ^d	\$ ^e	\$ ^f	\$ ^g	\$ ^h
c - ACCENT LIGHTS*					
d - RR VESTIBULE LIGHTS					
e - BACK OF HOUSE					
f - EXTERIOR RECEPTACLES					
g - PATIO FANS					
h - 2 HR MAX TIMED OVERRIDE					

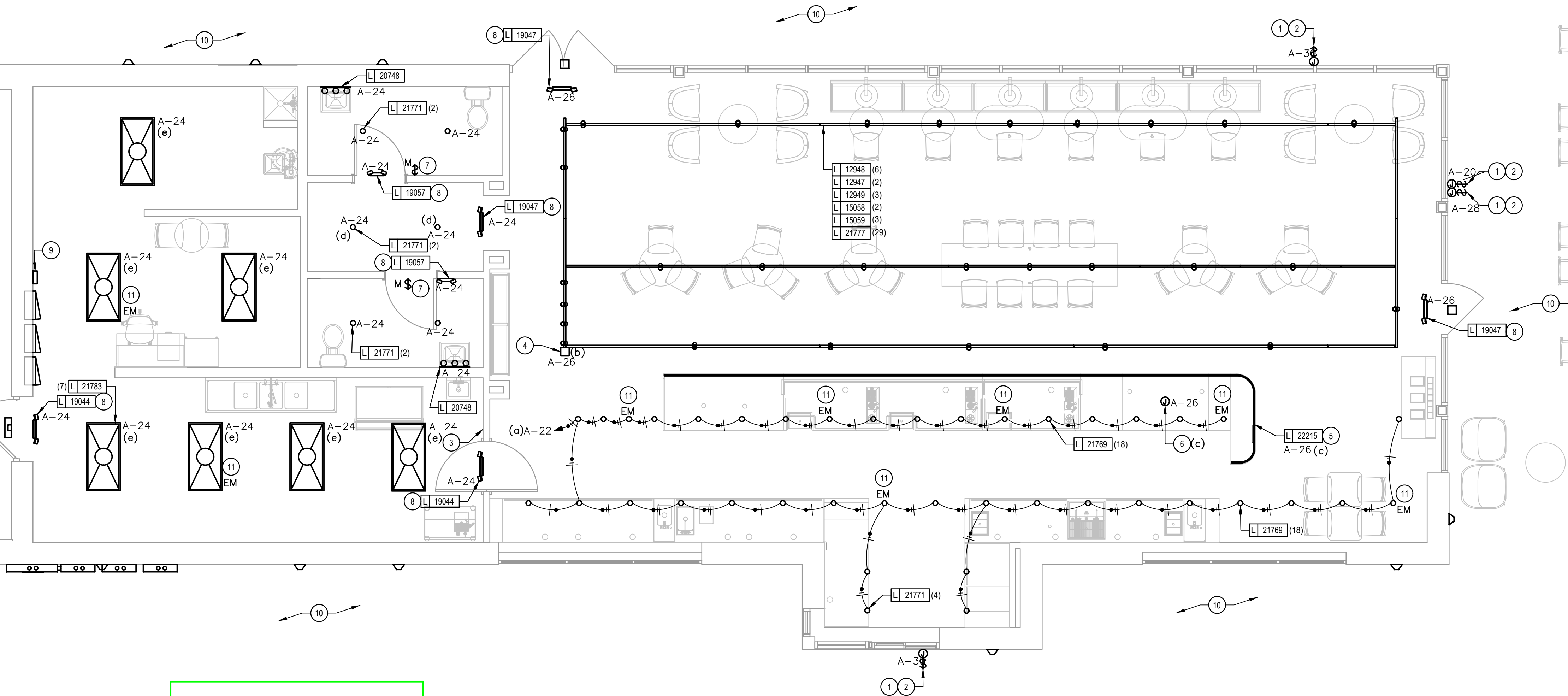
* - PROVIDE COMPATIBLE DIMMER FOR SALES/SEATING TRACK LIGHTING (COORDINATE DIMMER REQUIREMENTS WITH VENDOR)

2 LIGHTING SWITCHBANK DETAIL

Approved: Glenn Steele
Plans Examiner # PX3718

BLD202323715

1 LIGHTING PLAN
SCALE: 1/4" = 1'-0"



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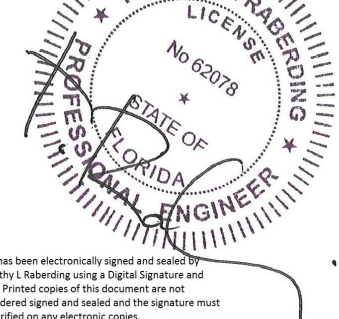
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PRODUCTION DESIGNER: ANDY MCLOUD
CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:
LIGHTING DESIGN
PLAN
SCALE: AS INDICATED

SHEET NUMBER:
E-102



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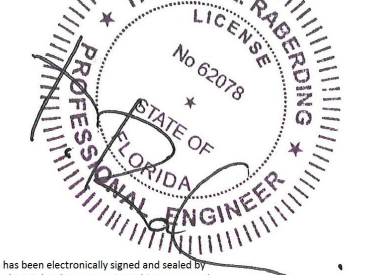
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Revision Schedule

Rev	Date	Description

SHEET TITLE:
**LOW VOLTAGE
DESIGN PLAN**
SCALE: AS INDICATED

SHEET NUMBER:
E-103

FOR CONSTRUCTION

KEY NOTES

- SAFE: PROVIDE RECEPTACLE ON DEDICATED CIRCUIT, ADJACENT TO RECEPTACLE. PROVIDE J-BOX FOR SECURITY ALARM JACK AND ROUTE CONDUIT BACK TO SECURITY PANEL J-BOX. REFER TO MANAGER'S DESK DETAIL AND POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- POS: PROVIDE RECEPTACLE ON DEDICATED CIRCUIT, ADJACENT TO RECEPTACLE. PROVIDE J-BOXES FOR TELEPHONE AND DATA. ROUTE CONDUIT(S) BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- STUB UP POWER, DATA PHONE AND/OR SECURITY CONDUITS 6" AFF TO SERVE NEARBY DEVICES IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT CONCEALED OR TIGHT-TO-WALL FROM RECEPTABLES TO NEARBY RIGID STUB UP AND BACK TO SERVING POWER PANEL. ROUTE DATA, PHONE AND SAFE CONDUITS UNDER FLOOR BACK TO DATA RACK NEAR MANAGER'S WORKSTATION. PROVIDE AN END-TO-END PULL STRING IN ALL DATA PHONE AND SAFE CONDUITS. LABEL EACH END OF PULL STRING WITH CONDUIT SYSTEM ("POS", "SECURITY", ETC.) AND DESTINATION ("DRIVE-THRU", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS. REFER TO ARCHITECTURAL PENETRATION PLAN FOR ADDITIONAL INFORMATION.
- CUP LABELER AND/OR MOBILE ORDER PRINTER: PROVIDE RECEPTACLE AND ADJACENT DATA BACKBOX AT SAME MOUNTING HEIGHT. COORDINATE LOCATION AND MOUNTING HEIGHT WITH OWNER'S REPRESENTATIVE PRIOR TO ROUGH IN. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORKSTATION.
- DT POS AND EXPEDITER TILL MONITOR: PROVIDE DOUBLE DUPLEX RECEPTACLE ON DEDICATED CIRCUIT, ADJACENT TO RECEPTACLE. PROVIDE J-BOX FOR DATA, ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- DT EXPEDITER MONITOR: PROVIDE DOUBLE DUPLEX RECEPTACLE, ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA, ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- DT TIMER CONTROL UNIT AND MONITOR: PROVIDE DOUBLE DUPLEX RECEPTACLE, ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA, ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- DT TIMER SIGNAL PROCESSOR: PROVIDE DUPLEX RECEPTACLE, ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA, ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- WIRELESS HEADSET BASE STATION: PROVIDE DUPLEX RECEPTACLE, ADJACENT TO RECEPTACLE, PROVIDE J-BOX FOR DATA, ROUTE CONDUIT BACK TO MANAGER'S DESK. REFER TO MANAGER'S DESK DETAIL AND DRIVE-THRU POS DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- TELEPHONE AND DATA OUTLETS FOR MANAGER'S DESK: REFER TO MANAGER'S DESK DETAIL ON E-501 FOR ADDITIONAL INFORMATION.
- CARBON MONOXIDE DETECTOR AND THERMOSTATS FOR ROOF TOP HVAC UNITS: COORDINATE INSTALLATION AND CONNECTION WITH MECHANICAL CONTRACTOR. COORDINATE LOCATION(S) WITH OWNER'S REPRESENTATIVE. VERIFY LOCATIONS/CONNECTIONS PRIOR TO INSTALLATION.
- DATA OUTLET FOR FUTURE USE: PROVIDE BACKBOX MOUNTED AT 26" AFF. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END.
- PROVIDE RECEPTACLE AND DATA OUTLET CENTERED HORIZONTALLY BEHIND MENU BOARD FOR FUTURE DIGITAL MENU BOARD. PROVIDE BACKBOX FOR DATA OUTLET. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGER'S WORK STATION. LABEL CONDUIT FOR DATA CABLING AND PROVIDE PULL STRING FROM END TO END. SEE INTERIOR ELEVATIONS FOR MENU BOARD LOCATIONS.
- SECURITY CAMERA: CEILING MOUNT TYPICAL; IN OPEN CEILING CONDITION. LOCATE B.O. CAMERA AT SAME HEIGHT AS STORE LIGHTING.
- DRIVE THRU CAMERA: LOCATE 6'-0" TO 8'-0" (1825-2440MM) FROM WINDOW WITH CLEAR VIEW OF CUSTOMER AND DT POS.
- RECESSED SPEAKER. COLOR: WHITE.
- AMPLIFIER: LOCATE ON SHELVING ABOVE MANAGER'S WORKSTATION (SEE DETAIL ON E-501).

ELECTRICAL SYMBOLS LEGEND

- | | | | |
|---|-------------------------|---|-----------------|
| ▼ | TELEPHONE | ● | SECURITY CAMERA |
| ▽ | DATA | ⊙ | SPEAKER |
| ⊙ | THERMOSTAT | ⊕ | JUNCTION BOX |
| ⊙ | CARBON MONOXIDE MONITOR | | |

ELECTRICAL DESIGN PLAN NOTES

- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- ELECTRICAL CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- REFER TO DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- ALL FUTURE EQUIPMENT NEEDED HEREIN SHALL BE PROVIDED WITH AN APPROPRIATE RECEPTACLE AND FULLY WIRED, EVEN IF NOT SPECIFICALLY INDICATED.
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTABLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTABLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONED PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- STUB-UP POWER, DATA, AND PHONE CONDUITS 6" AFF IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT TIGHT TO WALL FROM RECEPTABLES TO NEARBY RIGID STUB-UP AND BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDER FLOOR BACK TO DATA RACK NEAR MANAGER'S WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING". PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END.
- COORDINATE ALL CONCRETE TRENCHING/CORE DRILLING TO ENSURE THAT ANY UNDER SLAB UTILITIES, ETC., ARE NOT DAMAGED DURING FLOOR CUT AND OR CORE DRILLING. PRIOR APPROVAL AND COORDINATION WITH PROPERTY MANAGEMENT IS REQUIRED FOR ALL CONCRETE WORK. EC SHALL PROVIDE PATCHING/REPAIR TO CONCRETE AND VAPOR BARRIER AS REQUIRED.

SECURITY NOTES

- ENTRY CAMERA: CAPTURE ENTRY DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA AT EACH ENTRY.
- POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER; SECONDARY IS TRANSACTION PLANE. CAPTURE MULTIPLE POS LOCATIONS.
- SAFE CAMERA: POSITION TO VIEW FROM HANDLE SIDE OF DOOR. POS CAMERA CAN BE USED WHEN SAFE IS LOCATED BELOW TERMINALS.
- DRIVE THRU CAMERA: PRIMARY OBJECTIVE IS CUSTOMER; SECONDARY IS POS. IDEAL PLACEMENT WOULD CAPTURE BOTH.
- BOH CAMERA: CAPTURES CASH HANDLING.
- CARBON MONOXIDE: AT LEAST ONE CARBON MONOXIDE (CO) DETECTOR TO BE LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE IF SPACE INCLUDES A FIREPLACE.

MUSIC SYSTEM NOTES

- GC SHALL INSTALL SPEAKERS AND WIRING PER DRAWING.
- SPEAKER PLACEMENT: LOCATE (1) PER 250 SF OF CAFE SPACE @ 14'-0" MIN TO 18'-0" MAC (4267-5486MM) O.C.
- SPEAKER PAINTING: SPEAKER GRILLS CAN BE PAINTED. NOTE: GRILL HOLES SHALL REMAIN OPEN.
- G.C. SHALL INSTALL MUSIC SYSTEM, CONNECT WIRING, AND TEST.

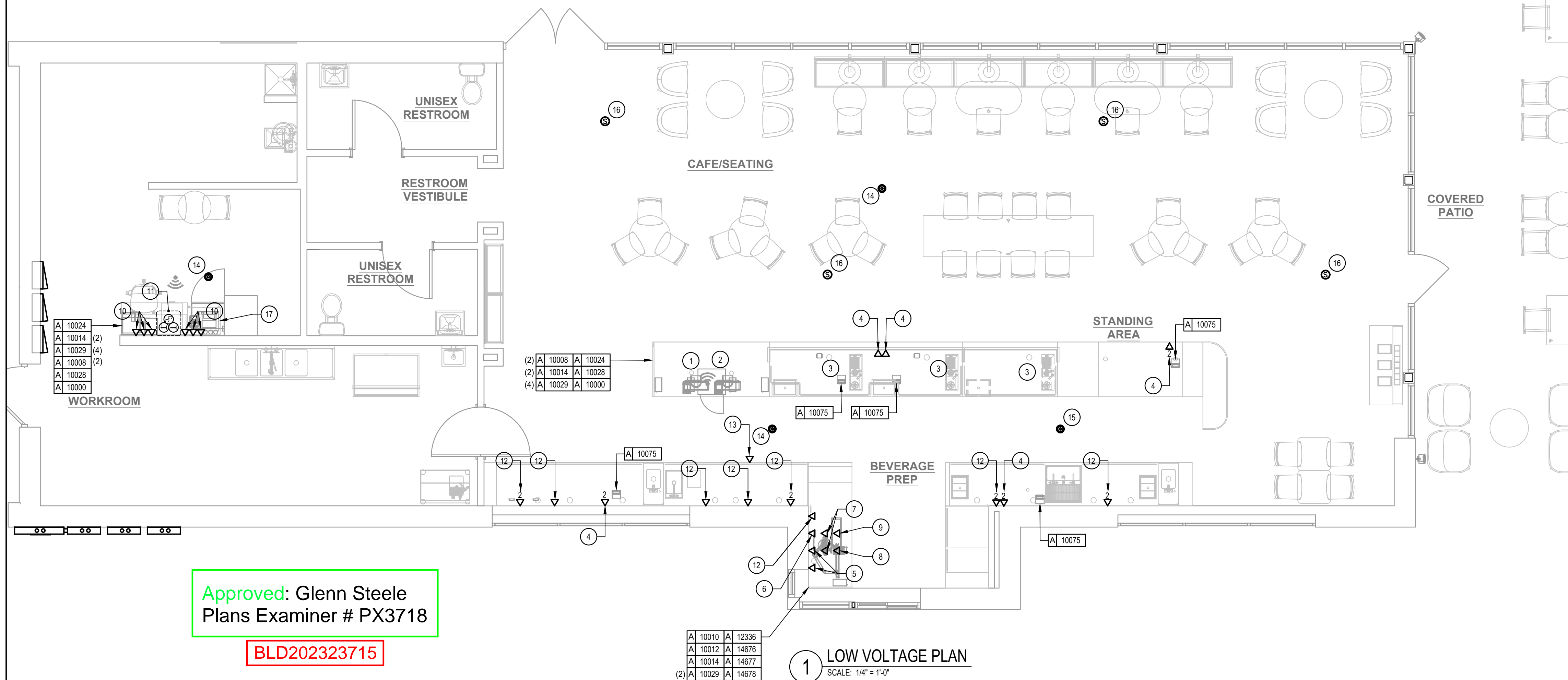
DATA DEVICE SCHEDULE - "A"

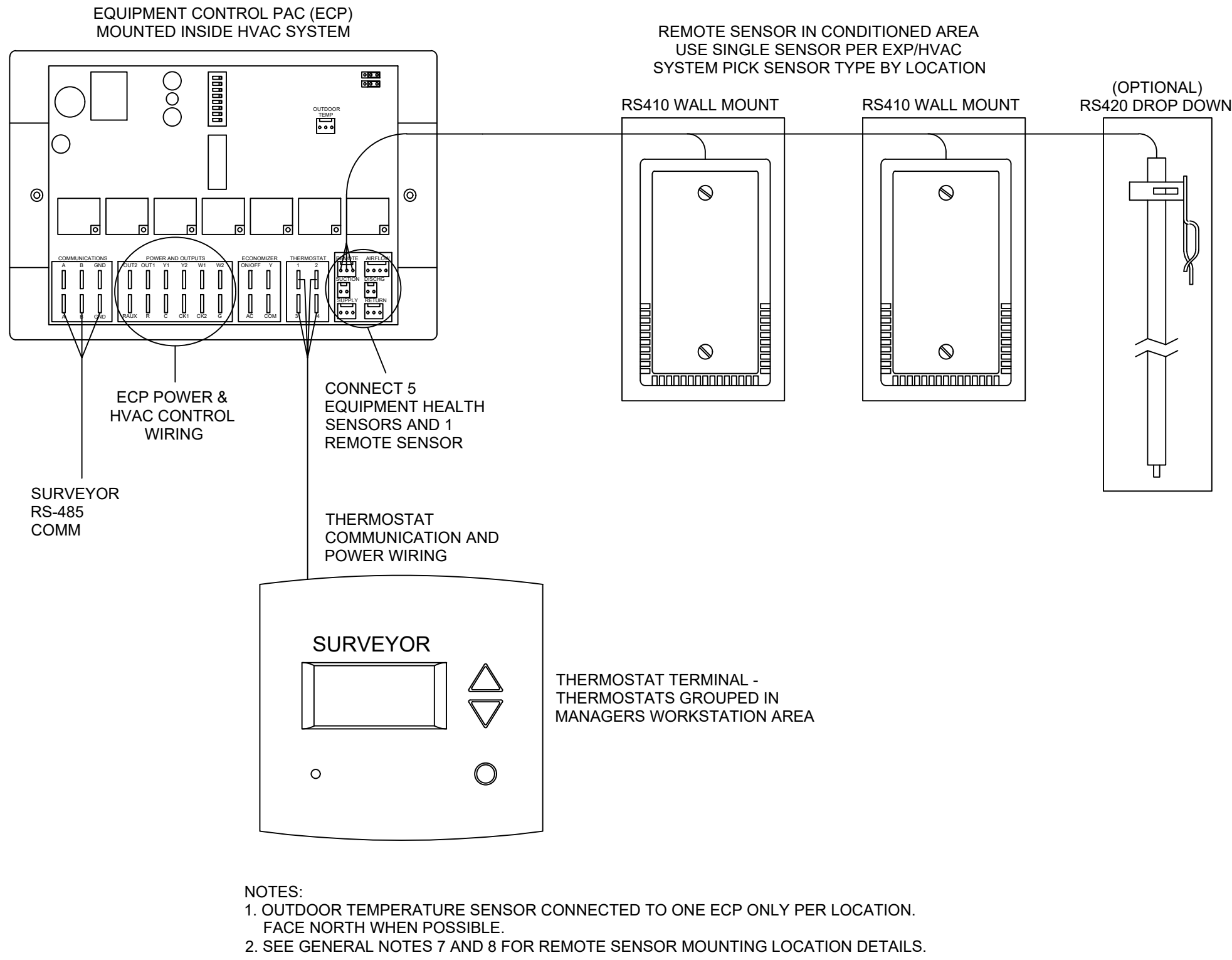
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	
10010	1	DT ORDER MONITOR	SB	GC	
10012	1	DT COMMUNICATION SYSTEM	SB	GC	
10013	4	DT QUEUE CAMERA	SB	GC	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
12336	1	DT TIMER SYSTEM	SB	GC	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	GC	
19339	1	AMPLIFIER - 40W	SB	GC	
DATA					
10000	1	PHONE 1 LINE	SB	GC	@ POS
10002	1	COMPUTER MANAGER WORKSTATION	SB	GC	
10007	1	PRINTER MANAGER WORKSTATION	SB	GC	
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	GC	
20294	4	IOT MODULE	SB	GC	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	GC	
10014	4	POS PRINTER	SB	GC	
10022	1	MONEY COUNTER	SB	GC	
10029	6	POS BANK	SB	GC	
10075	4	CUP LABELER	SB	GC	
14677	1	POS - DT TENDERING REGISTER	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	GC	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	GC	
10028	1	SAFE BASE	SB	GC	

RESPONSIBILITY LEGEND

- | | |
|-------|---|
| SB-GC | FURNISHED BY STARBUCKS - INSTALLED BY GENERAL CONTRACTOR |
| SB-SB | FURNISHED BY STARBUCKS - INSTALLED BY STARBUCKS |
| GC-GC | FURNISHED BY GENERAL CONTRACTOR - INSTALLED BY GENERAL CONTRACTOR |
| LL-LL | FURNISHED BY LANDLORD - INSTALLED BY LANDLORD |

NOTE: ALL RESPONSIBILITIES TO BE CONFIRMED WITH STARBUCKS DESIGN MANAGER PRIOR TO ORDERING/CONSTRUCTION.



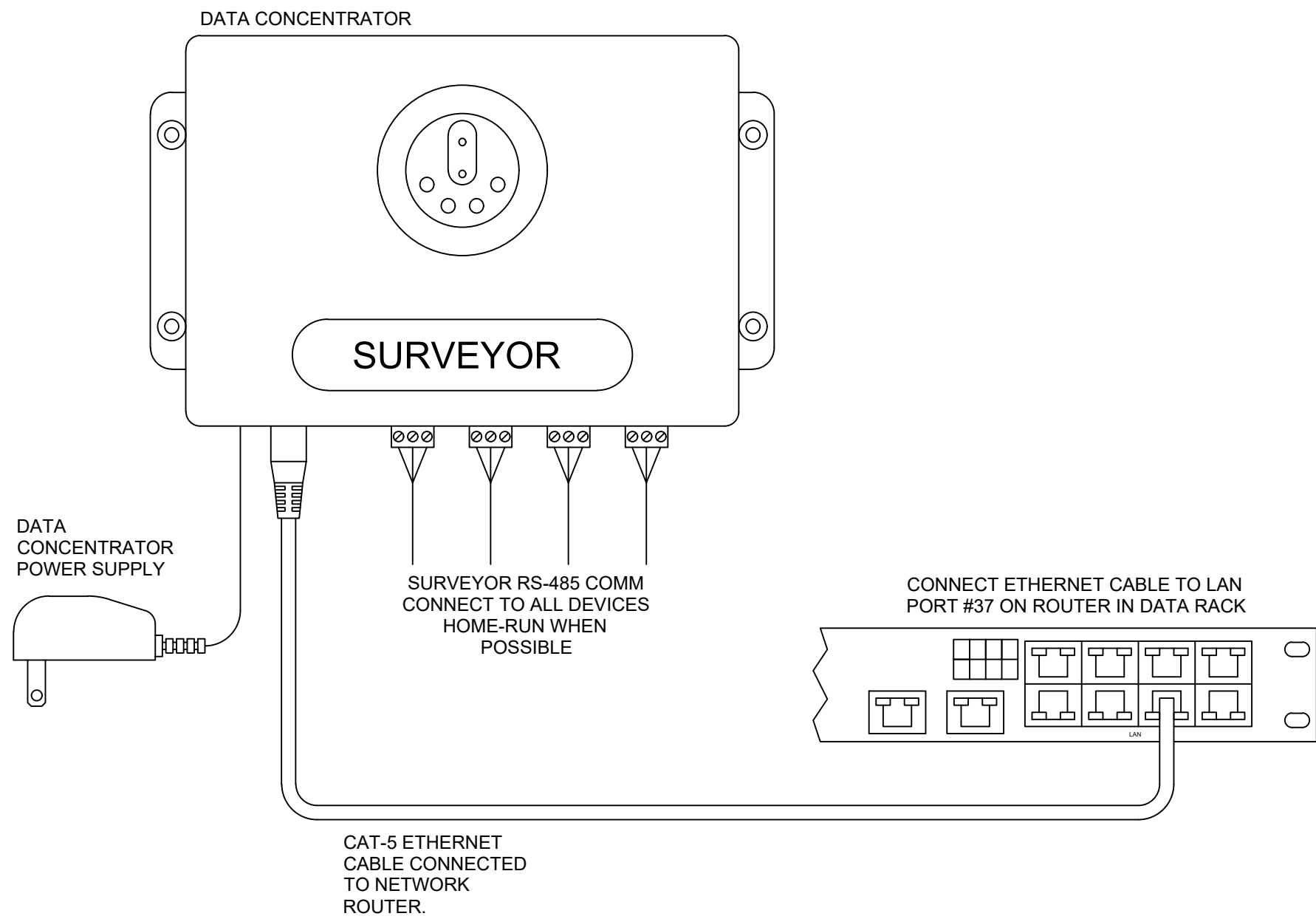


3 Venstar EMS - No Lighting Control - HVAC Controls

Scale: 6" = 1'-0"

Approved: Glenn Steele
Plans Examiner # PX3718

BLD202323715



2 Venstar EMS - No Lighting Control - Data Concentrator

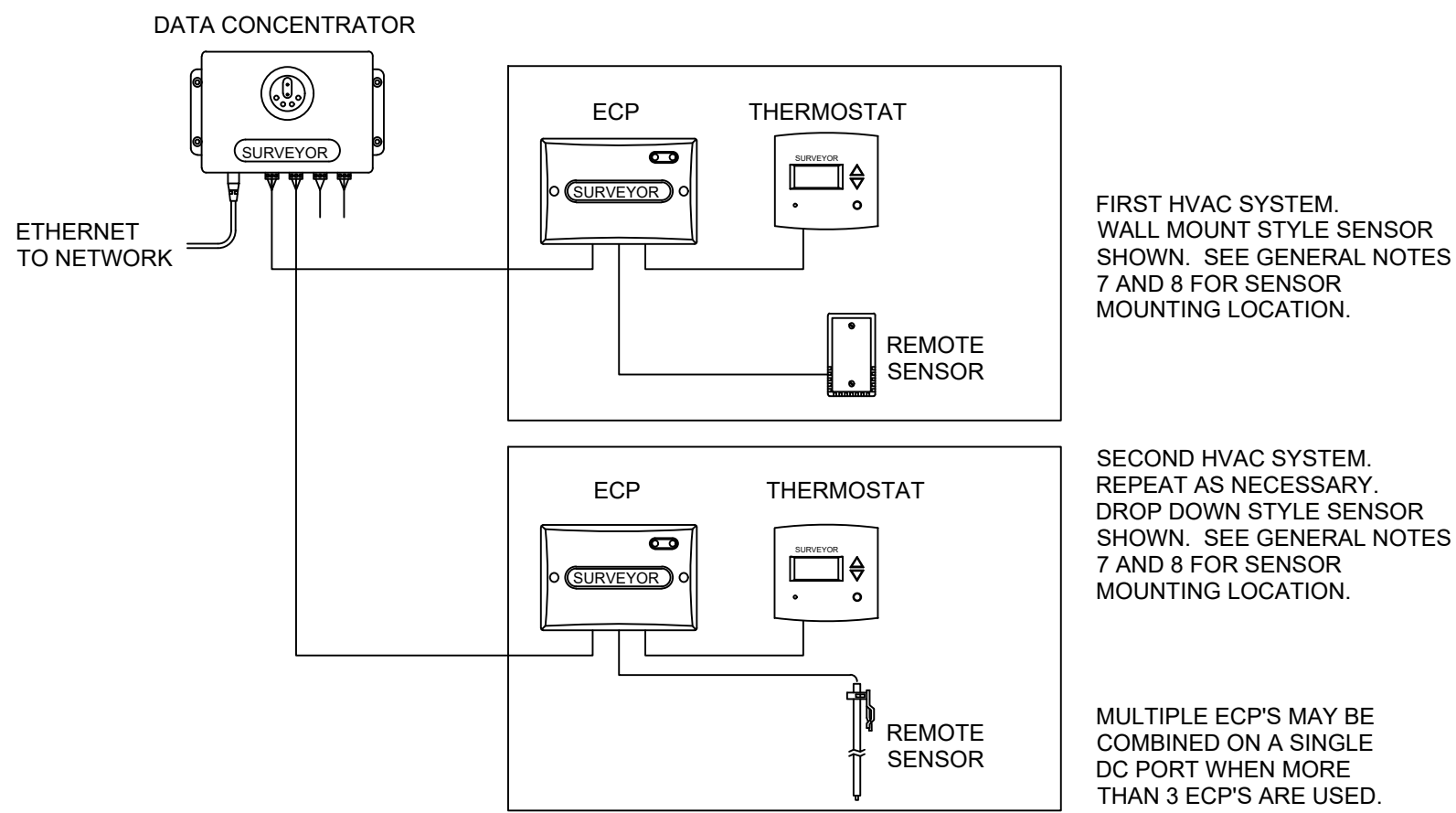
Scale: 6" = 1'-0"

GENERAL NOTES

1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE IS SHOWN.
5. REFER TO THE SURVEYOR INSTALLATION INSTRUCTIONS FOR EACH COMPONENT FOR DETAILED WIRING AND ADDITIONAL CRITICAL INFORMATION.
6. CAUTION! INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. USE OF A LICENSED ELECTRICIAN IS REQUIRED. FOLLOW ALL APPROPRIATE SAFETY PRECAUTIONS. ADDITIONAL SAFETY INFORMATION IS IN THE SURVEYOR INSTALLATION MANUALS.
7. WALL MOUNTED REMOTE SENSOR IS MOUNTED ON WALL 4 TO 5 FT AFF. AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
8. USE A DROP DOWN SENSOR IF A WALL MOUNT SENSOR CANNOT BE INSTALLED DUE TO SPACE CONSTRAINTS (SEE NOTE 7 FOR REQUIREMENTS). THE SENSOR CLIPS TO THE T-BAR GRID AND ADJUSTED SO THE BOTTOM OF THE SENSOR IS 8 TO 9 FT AFF. ALLOW 2 FT OF CLEARANCE FROM METRO SHELVING AND AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
9. FOR SURVEYOR EMS TECHNICAL SUPPORT AND SYSTEM COMMISSIONING, CONTACT SURVEYOR TECHNICAL SUPPORT, (855) 647-7660, OPTION 1 OR EMAIL INSTALLSUPPORT@VENSTAR.COM. HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS			
VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
DC400	011029485	DATA CONCENTRATOR	1
OTS400	011029487	OUTDOOR TEMPERATURE SENSOR	1
ECP400	011029489	EQUIPMENT CONTROL PAC	1 PER HVAC
CT414	011029490	COMMUNICATING THERMOSTAT	1 PER HVAC
SP400	011029491	SENSOR PAC	1 PER HVAC
RS410	011029492	WALL MOUNT REMOTE SENSOR	1 PER FOH HVAC
RS420	011050767	NARROW DROP DOWN SENSOR	1 PER BOH HVAC

OPTIONAL →



1 Venstar EMS - No Lighting Control - Basic Low Voltage Wire Runs

Scale: 6" = 1'-0"

FOR CONSTRUCTION



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SEATTLE, WASHINGTON 98134
(206) 318-1575

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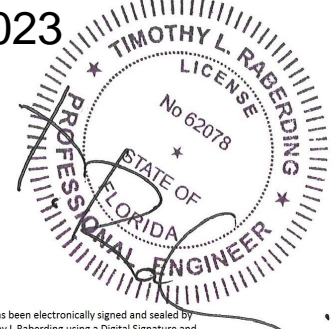
Donald J. Reithman
Architect in Charge

Design Forum Engineering

2056 Byers Rd
Miamisburg, OH 45342
Tel: (844) 804-7700

Timothy L. Raberding, PE
Professional Engineer

09/12/2023



PROJECT NAME:
**LECANTO HWY &
NORVELL BRYANT**

PROJECT ADDRESS:
**3159 W NORVELL BRYANT HWY
LECANTO, FL 34461**

STORE #: 78366
PROJECT #: 97107-001
ISSUE DATE: 09/06/2023
DESIGN MANAGER: RAI MONTERO
PRODUCTION DESIGNER: ANDY MCLOUD
CHECKED BY: DONALD RETHMAN

Revision Schedule		
Rev	Date	Description

SHEET TITLE:
**ELECTRICAL DETAILS -
ENERGY MANAGEMENT SYSTEM**
SCALE: AS INDICATED

SHEET NUMBER:
E-502

INSTALL LOCK OFF PROVISIONS
FOR CIRCUIT BREAKERS SERVING
HAND DRYERS PER NEC 422.31(B)

C															
ROOM		RECESSED		VOLTS		208Y/120V 3P 4W		AIC		42,000		MAIN BKR		225	
MOUNTING		SERV DISC C		BUS AMPS		225		LUGS		STANDARD					
FED FROM				NEUTRAL		100%									
CKT #	CIRCUIT DESCRIPTION	KVA LOAD			CKT BKR	CKT BKR	KVA LOAD			CIRCUIT DESCRIPTION			CKT #		
		A	B	C			A	B	C						
1	** MONUMENT SIGN	1			20/1	20/1	0.18			* LEFT POS - DED. REC			2		
3	** DRIVE-THRU SIGN		0.26		20/1	20/1		0.18		* RIGHT POS - DED. REC			4		
5	** UPLIGHT			0.4	20/1	20/1			0.36	* POS REC - MISC EQUIPMENT			6		
7	** DT DIGITAL ORDER SCREEN	0.52			20/1	20/1	1.2			* BLENDER			8		
9	***TIME CLOCK POWER		0.4		20/1	20/1		0.96		* U.C. REFRIGERATOR			10		
11	***TIME CLOCK POWER		0.52		20/1	20/2			1.8	* ICE MACHINE			12		
13	***DRIVE THRU DSC/DCB #1	0.5			20/1		1.8						14		
15	***DT MENU BOARD		1.04		20/1	20/1		0.18		*COUNTER REC			16		
17	***DRIVE THRU CANOPY		0.4		20/1	20/1			0.18	* SINK			18		
19	***EXTERIOR BUILDING LIGHT	0.8			20/1	20/1	0.4			* CUP LABELER			20		
21	HAND DRYER		1.9		20/1	20/1		0.48		* U.C. REF			22		
23	HAND DRYER		1.9		20/1	20/1			1.08	* DOUBLE DOOR REFRIGERATOR			24		
25	* FUTURE REFRIG RECEPT	0.18			20/1	20/1	1.3			* DOUBLE DOOR FREEZER			26		
27	* NITRO GENERATOR		0.72		20/1	20/1		0.18		* MANAGER'S DESK - UPS			28		
29	**NITRO THRU DSC/DCB #2		0.5		20/1	20/1			1.3	* DOUBLE DOOR FREEZER			30		
31	** MANAGER'S DESK - MUSIC, GP	0.18			20/1	20/1	0.18			* MANAGER'S DESK - PDU			32		
33	* RCP, WATER FILTER		0.36		20/1	20/1		0.36		* RESTROOM RECEPT			34		
35	* SEATING CONVENIENCE RECEPT		1.08		20/1	20/1			1.08	* DOUBLE DOOR REFRIGERATOR			36		
37	* WH	4.5			50/3	30/3	0			*** SURGE SUPPRESSOR			38		
39			4.5					0					40		
41				4.5					0				42		
							12.7	11.5	15.1	TOTAL CONNECTED KVA					
							106	96	126	TOTAL CONNECTED AMPS					
LOAD TYPE		CONN. KVA		DEMAND KVA		LOAD TYPE		CONN. KVA		DEMAND KVA					
LIGHTING		4.42		5.53 (125%)		CONTINUOUS		0.4		0.5 (125%)					
LARGEST MOTOR		0		0 (125%)		HEATING		13.5		13.5 (100%)					
OTHER MOTORS		0		0 (100%)		NONCONTINUOUS		4.32		4.32 (100%)					
RECEPTACLES		5		5 (50%>10)		KITCHEN EQUIP		11.7		7.62 (65%)					
						NONCOIN/DIVERSE		0		0 (N/A)					
						TOTAL KVA:		39.4		36.5					
						TOTAL BALANCED DEMAND AMPS:		101							
NOTES:															
* - PROVIDE GFCI PROTECTION (SEE NOTE)															
** - CIRCUIT CONTROLLED VIA CONTACTOR / *** - EXISTING CIRCUIT TO REMAIN															

THIS SHALL BE A SERIES-RATED SYSTEM BETWEEN THE MAIN CIRCUIT BREAKER AND THE BRANCH
BREAKERS WITHIN THE PANELS TO ALLOW FOR 10 KAIC RATED BREAKERS TO BE UTILIZED.

NOTE: PANELS ARE BY LL.
CONTRACTOR SHALL PROVIDE ALL
BREAKERS AS SHOWN ON THESE
SCHEDULES!

PROVIDE ARC-FLASH HAZARD
WARNINGS TO METER
ENCLOSURES, PANELBOARDS,
DISCONNECTING MEANS, ETC PER
NEC 110.16 AND 110.21(B)

B														
ROOM		VOLTS		208Y/120V 3P 4W		AIC		42,000						
MOUNTING		BUS AMPS		225		MAIN BKR		225						
FED FROM		RECESSED		NEUTRAL		100%		LUGS		STANDARD				
SERV DISC B														
CKT #	CIRCUIT DESCRIPTION	KVA LOAD			CKT BKR	CKT BKR	KVA LOAD			CIRCUIT DESCRIPTION	CKT #			
		A	B	C			A	B	C					
1	* CENTRAL ESPRESSO	3.25			30/2	20/1	0.96			* U.C. REFRIGERATOR	2			
3			3.25			20/1		1.48		* INSTA-HOT, PREP TABLE	4			
5	* LEFT ESPRESSO			3.25	40/2	20/1			1.56	* BLENDER, * CUP LABELER	6			
7		3.25				20/1	0.48			* U.C. REFRIGERATOR	8			
9	* SANITIZER		3.9		40/2	40/2			3.25	* RIGHT ESPRESSO	10			
11				3.9					3.25		12			
13	* RIGHT TURBOCHEF	3			30/2	20/1	0.96			* U.C. REFRIGERATOR	14			
15			3			20/2			1.25	* SC BAKERY CASE	16			
17	* CUP LABELER			0.4	20/1				1.25		18			
19	* MANAGER'S DESK - ALARM, * MANAGER'S DESK - EMS	0.54			20/1	20/1	0.48			* U.C. REFRIGERATOR	20			
21	* CENTER TURBOCHEF		3		30/2	20/1			0.72	* SCALE&GRINDER	22			
23				3		20/1			0.09	* SERVER STAND	24			
25	* DUAL BREWER	4.17			50/2	20/1	1.08			* MANAGER'S DESK QUAD RECS - PC, SCALE, GENERAL	26			
27			4.17			20/1			0.36	* CONVENIENCE RECEPT	28			
29	* DT POS - DED. REC			0.36	20/1	20/1			0.36	* EXTERIOR RECEPT	30			
31	* DT POS REC - FUTURE	0.36			20/1	30/3	0			*** SURGE SUPPRESSOR	32			
33	* U.C. REFRIGERATOR, FUTURE		0.98		20/1				0		34			
35	* DT COMMUNICATIONS			0.72	20/1				0		36			
37	* PARTNER WORKSTATION	0.18			20/1	70/3	5.77			*** RTU-2	38			
39	* SEATING CONVENIENCE RECEPT, SEATING CONVENIENCE RECEPT		0.36		20/1				5.77		40			
41	* DT TIMER			0.72	20/1				5.77		42			
							24.5	31.5	24.6	TOTAL CONNECTED KVA				
							207	262	209	TOTAL CONNECTED AMPS				
LOAD TYPE		CONN. KVA		DEMAND KVA		LOAD TYPE		CONN. KVA		DEMAND KVA				
LIGHTING		0		0	(125%)	CONTINUOUS		0		0	(125%)			
LARGEST MOTOR		17.3		21.6	(125%)	HEATING		0		0	(100%)			
OTHER MOTORS		0		0	(100%)	NONCONTINUOUS		0		0	(100%)			
RECEPTACLES		7.78		7.78	(50%>10)	KITCHEN EQUIP		55.5		36.1	(65%)			
						NONCOIN/DIVERSE		0		0	(N/A)			
						TOTAL KVA:		80.6		65.5				
						TOTAL BALANCED DEMAND AMPS:				182				

NOTES:

* - PROVIDE GFCI PROTECTION (SEE NOTE)

* - CIRCUIT CONTROLLED VIA CONTACTOR / *** - EXISTING CIRCUIT TO REMAIN