

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURNISH	INSTALL	COMMENTS
COOLING					
10267	3	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	WH	GC	
12618	1	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	VD	GC	DELFIELD
17567	1	WATER CHILLER	VD	GC	DELFIELD
17588	1	KEG DISPENSING SYSTEM - 27IN 685MM - WITH NONPLUMBED DRIP TRAY	VD	GC	DELFIELD, KIT INCLUDES UNDERCOUNTER FRIDGE, TAPS, TRAY, AND TUBING
EQUIPMENT					
10312	1	BREWER SOFT HEAT WARMING STAND SINGLE	WH	GC	
15186	1	DISHWASHER HOT LOW STEAM	WH	GC	
16623	1	SCALE DIGITAL WITH ADJUSTABLE DISPLAY MOUNT SMALL	WH	GC	
ICE					
10648	1	ICE - MACHINE ICE1406HA AIR COOLED SIDE VENT	VD	GC	MILE HIGH
OTHER					
10179	2	HAND DRYER SURFACE MOUNTED	VD	GC	DYSON/NEWTON DISTRIBUTION

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURNISH	INSTALL	COMMENTS
EQUIPMENT					
17564	1	BLENDER PITCHER RINSER WITH SENSOR	WH	GC	
FAUCET					
10874	2	FAUCET - HOT WATER DISPENSER GOOSENECK	WH	GC	

DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURNISH	INSTALL	COMMENTS
POINT OF SALE					
10014	1	POS PRINTER	VD	VD	ZONES, GC TO COORDINATE FINAL SET UP W/ SBUX VENDOR
10075	3	CUP LABELER	VD	VD	ZONES, GC TO COORDINATE FINAL SET UP W/ SBUX VENDOR

RELOCATED (EXISTING) EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURNISH	INSTALL	COMMENTS
COOLING					
10267	2	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM			EXISTING EQUIPMENT TO BE RELOCATED
EQUIPMENT					
10312	3	BREWER SOFT HEAT WARMING STAND SINGLE			EXISTING EQUIPMENT TO BE RELOCATED
10746	1	BREWER DUAL SOFT HEAT			EXISTING EQUIPMENT TO BE RELOCATED
10808	1	GRINDER DITTING KR1203			EXISTING EQUIPMENT TO BE RELOCATED
12407	2	OVEN TURBOCHEF NEXT GENERATION			EXISTING EQUIPMENT TO BE RELOCATED
12508	2	BLENDER QUIET MODEL ON COUNTER			EXISTING EQUIPMENT TO BE RELOCATED
12694	2	ESPRESSO MACHINE MASTRENA			EXISTING EQUIPMENT TO BE RELOCATED

RELOCATED (EXISTING) DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURNISH	INSTALL	COMMENTS
AUDIO VISUAL					
10010	1	DT ORDER MONITOR			EXISTING EQUIPMENT TO BE RELOCATED
10012	1	DT COMMUNICATION SYSTEM			EXISTING EQUIPMENT TO BE RELOCATED
12336	1	DT TIMER SYSTEM			EXISTING EQUIPMENT TO BE RELOCATED
DATA					
10000	1	PHONE 1 LINE			EXISTING EQUIPMENT TO BE RELOCATED
POINT OF SALE					
14677	1	POS - DT TENDERING REGISTER			EXISTING EQUIPMENT TO BE RELOCATED
14678	1	POS - DT EXPEDITOR			EXISTING EQUIPMENT TO BE RELOCATED

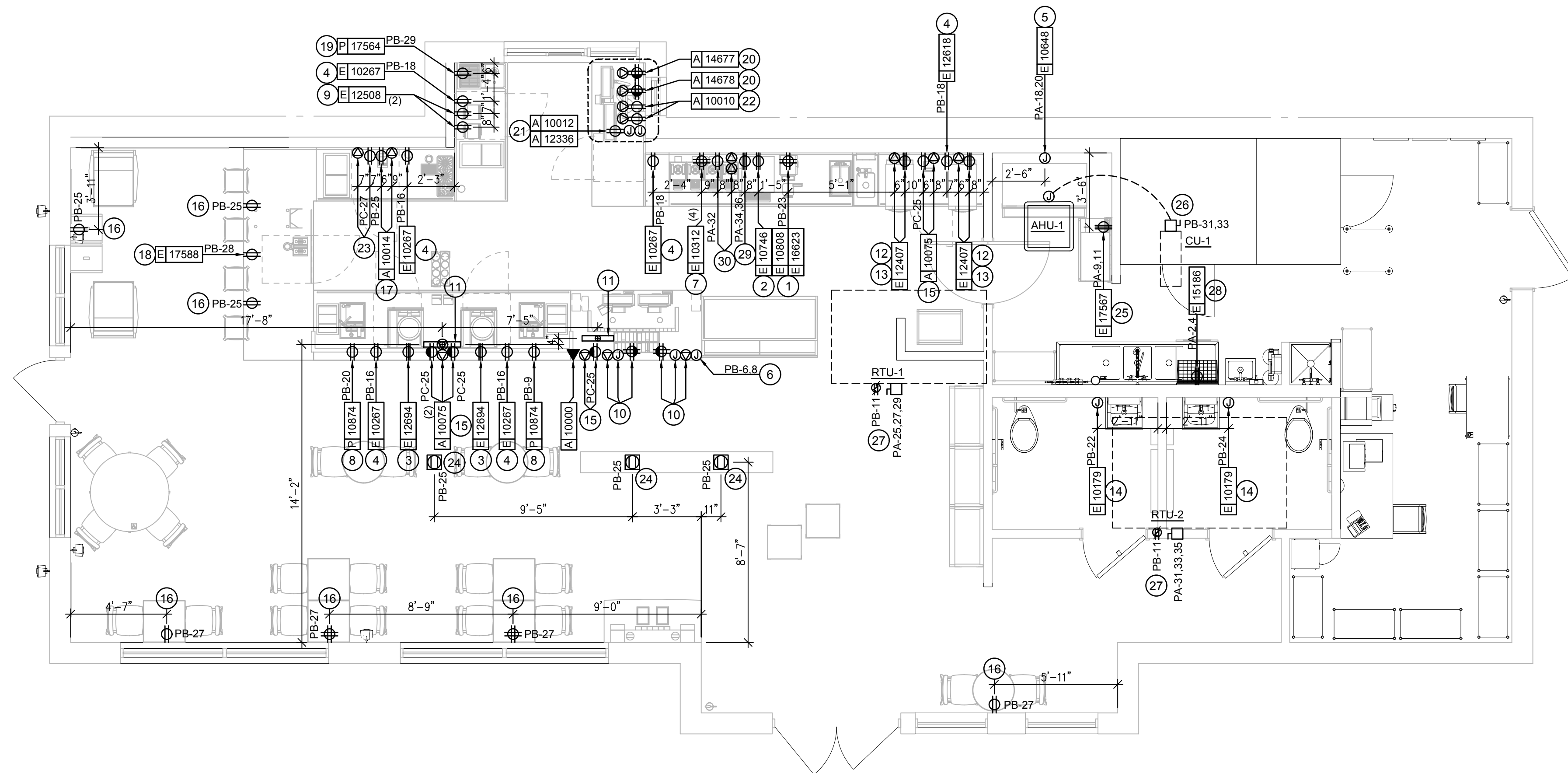
ELECTRICAL DESIGN NOTES

- REFER TO ARCHITECTURAL 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 RECEPTACLES) 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, 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.
- 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.
- REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

ATTENTION, SITE PRE-WORK ITEMS FOR STARBUCKS INCLUDE: NEED PLUMBER TO INSTALL CHECK VALVE ON COLD, SOFT WATER FEED AT WATER HEATER. NEED ELECTRICIAN TO VERIFY THAT OUTLET FOR SOFTENER & RO ARE BOTH DUPLEX. IF SINGLE OUTLETS, NEED THEM CONVERTED TO DUPLEX. RO TANK WILL PENETRATE CEILING; NEED VENDOR TO COME AFTER INSTALL TO CUT CEILING TILE AROUND RO TANK ON UPPER SHELF.

SHEET NOTES

- EXISTING RETAIL GRINDER AND NEW SCALE: PROVIDE OR RELOCATE RECEPTACLE AT 26" AFF. EXTEND EXISTING CIRCUITRY TO NEW RECEPTACLE LOCATION AT DEVICE.
- EXISTING DUAL BREWER: RELOCATE NEMA 14-50R RECEPTACLE. HUBBELL HBL9450A SERIES OR EQUAL AT 26" AFF. EXTEND EXISTING CIRCUITRY TO NEW RECEPTACLE. PROVIDE NEMA 14-50P ANGLED PLUG AND CORD TO BREWER AS REQUIRED. HUBBELL HBL9452C SERIES OR EQUAL IF NOT EXISTING.
- EXISTING ESPRESSO MACHINE RECEPTACLE AND ANY ADDITIONAL EQUIPMENT TO BE RELOCATED TO LOCATION SHOWN AND INSTALLED AT 30" AFF. EXTEND EXISTING CIRCUITRY AS REQUIRED TO NEW LOCATION SHOWN.
- NEW/EXISTING UNDER COUNTER REFRIGERATOR: RELOCATE OR PROVIDE RECEPTACLE @ 26" AFF. EXTEND CIRCUITRY TO NEW EQUIPMENT LOCATION WHERE POSSIBLE AND PROVIDE NEW 20 AMP SINGLE PHASE POWER TO NEW EQUIPMENT AS REQUIRED. NEW CIRCUIT TO BE GFI.
- ICE MACHINE: CONFIRM VOLTAGE CONFIGURATION PRIOR TO ROUGH-IN WITH EQUIPMENT PROVIDED. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE CONNECTIONS AND BREAKERS TO SUPPORT ICE MACHINE.
- FOOD CASE: PROVIDE ELECTRICAL CONNECTION FOR REFRIGERATION AND LIGHTING. VERIFY REQUIREMENTS WITH EQUIPMENT SUPPLIER AND EQUIPMENT SUPPLIED IN FIELD PRIOR TO COMMENCING WORK.
- NEW/EXISTING COFFEE WARMERS: PROVIDE AND INSTALL OR RELOCATE QUADPLEX RECEPTACLE @ 26" AFF. EXTEND EXISTING CIRCUITRY TO NEW LOCATION.
- INSTA-HOT: PROVIDE RECEPTACLE AT 26" AFF.
- EXISTING BLENDERS: RELOCATE DUPLEX RECEPTACLES AT 26" AFF ON A DEDICATED 20A, SINGLE PHASE GFI CIRCUITS FOR EACH BLENDER.
- POS: FURNISH AND INSTALL QUADPLEX ISOLATED-GROUNDING TYPE RECEPTACLE AT 18" AFF., INCLUDING GREEN GROUNDING WIRE AND ISOLATED GROUNDING WIRE BACK TO SERVING POWER PANEL PER CODE. FURNISH AND INSTALL (1) J-BOX FOR DATA OUTLET AND (1) J-BOX FOR PHONE OUTLET AT 18" AFF.
- STUB UP POWER, DATA, AND PHONE CONDUITS 6" AFF IN THIS LOCATION. ROUTE POWER CONDUCTORS IN EMT CONDUIT TIGHT TO WALL FROM RECEPTACLES TO NEARBY RIGID STUB-UP AND RIGID GALVANIZED STEEL CONDUIT BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDERFLOOR BACK TO DATA RACK NEAR MANAGERS WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING". PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END. LABEL SECURITY CONDUIT "FOR SECURITY" AND PROVIDE PULL STRING FROM END TO END.
- FURNISH AND INSTALL OR RELOCATE NEMA 6-30R RECEPTACLES AT 28" AFF TO SUPPORT WARMING OVENS.
- PROVIDE OR RELOCATE DATA CONNECTION AS REQUIRED FOR WARMING OVEN. WORK SHALL INCLUDE ROUGH-IN AND CONDUIT WITH CAT5 CABLE FROM EQUIPMENT TO DATA RACK. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH STARBUCKS PROJECT MANAGER IN FIELD.
- HAND DRYER: FURNISH AND INSTALL CIRCUIT, EQUIPMENT CONNECTION AND J-BOX AT 42" AFF ON GFI CIRCUIT BREAKER SIZED PER CODE TO SUPPORT HAND DRYER.
- NEW/EXISTING CUP LABELER: RELOCATE AND/OR PROVIDE RECEPTACLE AND ADJACENT DATA BACKBOX AT SAME MOUNTING HEIGHT. ROUTE 3/4" CONDUIT FROM BACKBOX TO DATA RACK NEAR MANAGERS WORKSTATION.
- PROVIDE RECEPTACLE AT 18" A.F.F. IN SEATING AREAS. LOCATE IN MILLWORK PER ARCHITECTURAL DETAILS, COORDINATE WITH GC.
- POS PRINTER: PROVIDE NEW DUPLEX ISOLATED-GROUNDING TYPE RECEPTACLES AT 18" AFF., INCLUDING GREEN GROUNDING WIRE AND ISOLATED GROUNDING WIRE BACK TO SERVING POWER PANEL PER CODE. CIRCUIT TO BE GFI PROTECTED. FURNISH AND INSTALL (1) J-BOX FOR DATA OUTLET.
- COLD BREW TAP AND REFRIGERATOR: PROVIDE RECEPTACLE @ 26" AFF.
- PROVIDE RECEPTACLE FOR BLENDER PITCHER RINSER @ 26" AFF. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR IN FIELD PRIOR TO COMMENCING WORK.
- EXISTING DRIVE-THRU REGISTER AND EXPEDITOR REGISTER: RELOCATE OR PROVIDE NEW RECEPTACLE AND DATA OUTLET. EXTEND EXISTING OR PROVIDE NEW 3/4" DATA CONDUIT TO NEW LOCATION AND BACK TO DATA RACK.
- EXISTING DRIVE-THRU COMMUNICATION/ CCTV SYSTEM: RELOCATE OR PROVIDE RECEPTACLE AND (2) J-BOXES. J-BOX #1 (BELOW COUNTER HEIGHT); INTERCEPT CONDUIT FROM DRIVE-THRU SPEAKER POST OR MENU BOARD SPEAKER LOCATION AND REAR BUILDING CCTV CAMERA. PROVIDE 2-GANG J-BOX AND ROUTE A 1" CONDUIT UP TO SECOND J-BOX. J-BOX #2 (WIRELESS BASE SYSTEM HEIGHT); INTERCEPT CONDUIT FROM J-BOX #1.
- EXISTING DRIVE-THRU EXPEDITOR MONITORS: RELOCATE OR PROVIDE NEW RECEPTACLES AND DATA OUTLETS. EXTEND OR PROVIDE 3/4" DATA CONDUIT BACK TO DATA RACK.
- FUTURE FIZZIO MACHINE: PROVIDE DUPLEX RECEPTACLE AND DATA CONNECTION AT 28" AFF. CIRCUIT VIA SPARE 20A, SINGLE PHASE BREAKER IN PANEL. NEW CIRCUIT TO BE GFI.
- NEW FLOOR RECESSED RECEPTACLE TO BE LOCATED AT TABLE. COORDINATE LOCATION WITH EXISTING CONDITIONS PRIOR TO CHANNELING OF FLOOR.
- WATER CHILLER: PROVIDE ROUGH-IN AND FINAL CONNECTION TO WATER FILTER SYSTEM. VERIFY ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO COMMENCING WORK.
- E.C. SHALL PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW TENANT PROVIDED MINI SPLIT SYSTEMS (CU-1 & AHU-1). UNIT MOUNTED DISCONNECT TO BE SUPPLIED AND INSTALLED BY TENANT E.C. SEE SHEET M-1101 FOR FURTHER INFORMATION.
- E.C. TO PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW RTU. RTU-MOUNTED DISCONNECT AND SERVICE RECEPTACLE TO BE FACTORY INSTALLED AND CIRCUITED BY E.C.
- WAREWASHER: PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW WAREWASHER. VERIFY ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO COMMENCING WORK.
- CLOVER X BREWER (FUTURE): PROVIDE RECEPTACLE @ 26" AFF. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO COMMENCING WORK.
- TWO (2) UNDER COUNTER DATA PORTS AND DUPLEX RECEPTACLE AT 26" AFF FOR FUTURE AERO BREWING PUMP AND AERO BREWER DATA CONNECTIONS. COORDINATE EXACT DATA PORT TYPE WITH CONSTRUCTION MANAGER AND VERIFY THE EXACT LOCATION WITHIN MILLWORK IN FIELD.



1 ELECTRICAL POWER PLAN

Scale: 1/4" = 1'-0"

Scale: 1/4" = 1'-0"



ISSUED FOR CONSTRUCTION - 08/23/2017



STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
SEATTLE, WASHINGTON 98134
(206) 318-1575

THESE DRAWINGS AND SPECIFICATIONS ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION I2016.12.23

NORR
ARCHITECTS PLANNERS
325 N. LaSalle St., Suite 500 | Chicago, IL 60654
1.312.424.2400 | www.norr.com

ENGINEER OF RECORD
William J. Alkemyer, P.E.
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 772-0708
Engineering Consultant

PROJECT NAME:
RENOVATION OF STARBUCKS COFFEE PORTLAND, 1080 FOREST AVE.
PROJECT ADDRESS:
1080 FOREST AVENUE
PORTLAND, ME 04103
CUMBERLAND COUNTY

STORE #: 11917
PROJECT #: 37548-037
ISSUE DATE: 08/04/2017
PROGRAM MANAGER: J. BOND
DESIGNER: A. LEE
LEED AP: R. TURNER-LAUCK
PRODUCTION DESIGNER: E. VEGA
CHECKED BY: BMS / SWE

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DESIGN PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E-1101

