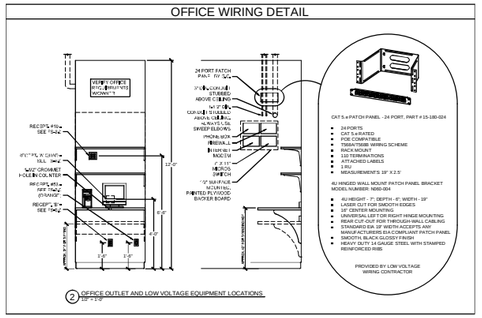
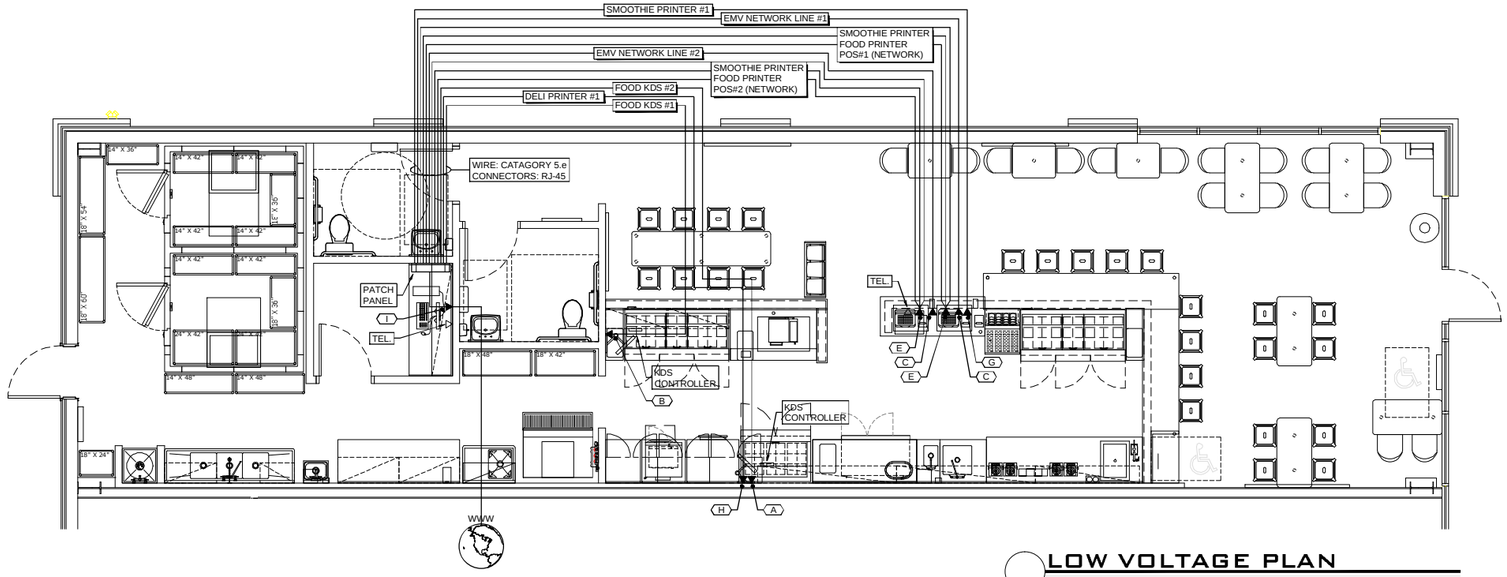
OFFICE WIRING DETAIL



2 OFFICE OUTLET AND LOW VOLTAGE EQUIPMENT LOCATIONS
1/2" = 1'-0"



LOW VOLTAGE PLAN
SCALE: 1/4" = 1'-0"

OUTLET CONFIGURATION

KDS OUTLET (A)	KDS OUTLET (B)	EMV OUTLET (C)
PATCH PANEL	PATCH PANEL	PATCH PANEL
EMV OUTLET (D)	**POS OUTLET (E)**	**POS OUTLET (F)**
PATCH PANEL	DELI PRINTER; PATCH PANEL; SMOOTHIE PRINTER	DELI PRINTER; PATCH PANEL; SMOOTHIE PRINTER
SMOOTHIE (G)	**DELI OUTLET (H)**	**OFFICE OUTLET(I)**
PATCH PANEL	PATCH PANEL	W.W.W.; PATCH PANEL

DATA OUTLET LOCATION

NO.	QTY	ITEM DESCRIPTION	HGT
A	1	KDS OUTLET (TWO WHEN DRIVE-THRU WINDOW)	67"
B	1	KDS OUTLET (AT HALF. HGT WALL)	46"
C	2	EMV OUTLET (CASHIER COUNTER)	18"
D	1	EMV OUTLET (DRIVE-THRU AREA)	46"
E	2	POS STATION OUTLET (CASHIER COUNTER)	18"
F	2	POS STATION OUTLET (DRIVE-THRU AREA)	46"
G	1	SMOOTHIE PRINTER OUTLET (CASHIER COUNTER)	18"
H	1	DELI PRINTER OUTLET (AT FINISH STATION)	67"
I	1	OFFICE OUTLET	18"

GENERAL NOTES

1	VERIFY ALL REQUIREMENTS WITH POS SUPPLIER
2	OWNER TO COORDINATE WITH MICROS & RTG FOR ALL KDS AND PRINTER LOCATIONS
3	ALL POS WIRING TO BE PROVIDED BY AND INSTALLED BY RTG
4	G.C. TO CONTACT RTG 4 WEEKS PRIOR TO INSTALL
5	G.C. RESPONSIBLE FOR CONDUITS WITH PULL STRING AND EMPTY ELECTRICAL BOXES TO ACCESSIBLE CEILING LOCATIONS

T-STAT LOCATIONS

NO.	ITEM DESCRIPTION
	T-STAT PREFERRED LOCATIONS
1	NEAR THE RESTROOM CORRIDOR
2	NEAR THE WATER HEATER / MOP SINK AREA

SPEAKER LOCATIONS

NO.	ITEM DESCRIPTION
	MUZAK, MOOD MEDIA - PREFERRED VENDOR - 3 SPEAKERS
1	NEAR THE SMOOTHIE BAR BETWEEN BAR AND FRONT WALL
2	NEAR THE COMMUNITY TABLE
3	NEAR THE BANQUETTE
	SPEAKERS NOT LOCATED NEAR CEILING FANS & POS AREA

VIDEO SURVEILLANCE LOC'S

NO.	ITEM DESCRIPTION
	MIN. RECOMMENDED SURVEILLANCE (4 CAMERA SYSTEM)
1	MANAGER'S STATION
2	POS AREA / SAFE
3	BACK DOOR
4	MAIN ENTRY
	PREFERRED SURVEILLANCE (8 CAMERA SYSTEM)
5	SMOOTHIE MAKE LINE
6	PREP AREA
7	DINING AREA
8	BACK OF HOUSE OR CAFE SPECIFIC UNMONITORED AREAS

POWER AND CABLING REQ'S

NO.	PATCH PANEL
1	THE 24 PORT PATCH PANEL SHOULD BE MOUNTED ON THE WALL WITH EACH RJ45 TERMINATION LABELED TO THE CORRESPONDING LOCATION OF THE TERMINALS AND PRINTERS ON THE COUNTER AND PREP AREAS.
2	POWER SHOULD BE 1-QUAD OR 2-DUPLEX DEDICATED AND ISOLATED GROUND (ORANGE) AC PLUG(S).
3	THE INTERNET CONNECTION FOR CREDIT CARD PROCESSING SHOULD BE LOCATED CLOSE TO THE POS PC. THE INTERNET CONNECTION MUST BE A STATIC IP ADDRESS. (OFFICE AREA)
	COUNTER AREA
1	AT EACH COUNTER POS TERMINAL LOCATION, CAT 5 CABLES MUST BE TERMINATED WITH RJ45 CONNECTORS WITH 2X2 JUNCTION BOX WITH MOUNTED FACE PLATE.
2	DOUBLE RUN OF CAT 5 CABLE FOR EACH TERMINAL.
3	AT EACH COUNTER POS TERMINAL, DEDICATED AND ISOLATED GROUND (ORANGE) DUPLEX AC PLUG FOR TERMINAL AND PRINTER.
	PRINTERS AND KITCHEN DISPLAYS
1	AT EACH COUNTER POS TERMINAL LOCATION, CAT 5 CABLES MUST BE TERMINATED WITH RJ45 CONNECTORS WITH 2X2 JUNCTION BOX WITH MOUNTED FACE PLATE.
2	SINGLE RUN OF CAT 5 CABLE FOR EACH PRINTER AND KITCHEN DISPLAY.

IMPORTANT - SINGLE POS TERMINAL LOCATIONS WITH 2 REMOTE PRINTERS MUST HAVE 2 CAT 5 CABLES RUNNING FROM EACH KITCHEN PRINTER TO THE PATCH PANEL IN THE OFFICE IN ORDER TO DRIVE BOTH PRINTERS.

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1
2
3

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LOW VOLTAGE PLAN

A2.2