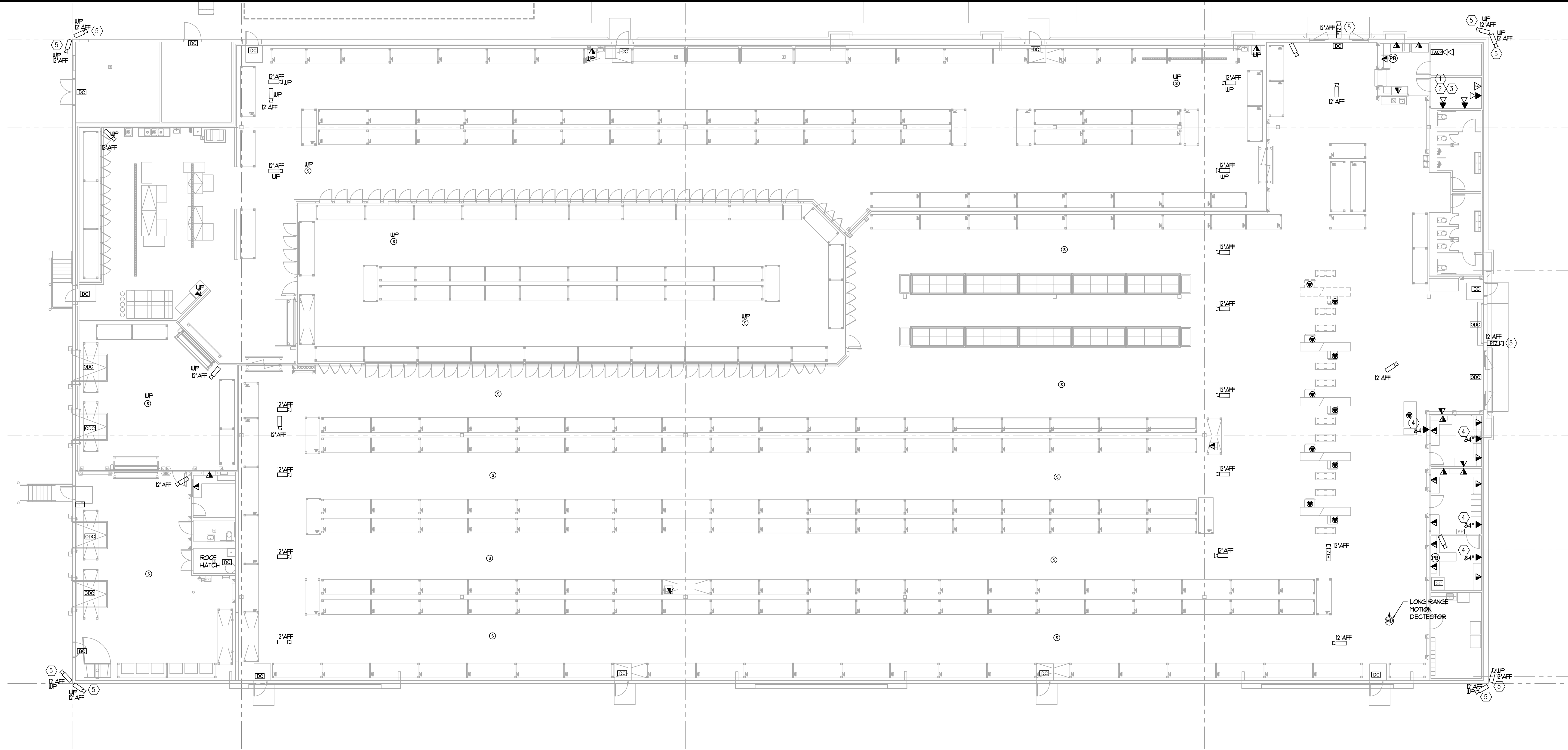




1 FLOOR PLAN – SPECIAL SYSTEMS – ELECTRICAL
E1.04 3/32"=1'-0"

SPECIAL SYSTEMS GENERAL NOTES

- ALL DEVICES SHALL BE CONSIDERED NEW UNLESS NOTED OTHERWISE.
- DEVICES SHOWN ARE FOR INFORMATION ONLY. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEVICE LOCATIONS AND QUANTITIES WITH THE LOW VOLTAGE VENDOR, SECURITY VENDOR, ARCHITECT AND OWNERS REPRESENTATIVE PRIOR TO ROUGH-IN.
- PROVIDE WATERPROOF DEVICES, CONNECTIONS, ETC. IN AREAS SUBJECT TO SPRAY DURING CLEANING AND EXTERIOR WET LOCATIONS.
- RACEWAYS EXPOSED TO DIFFERENT TEMPERATURES SHALL BE SEALED PER NEC 300.7.
- COORDINATE ALL SECURITY SYSTEM DEVICE LOCATIONS, MOUNTING HEIGHTS, QUANTITY OF DEVICES AND ELECTRICAL CONNECTION REQUIREMENTS & CONTROLS INTERFACE WITH SECURITY SYSTEM REPRESENTATIVE/INSTALLER AND OWNER REPRESENTATIVE.
- PHONE LINE AND T-5 INTERNET LINE SHALL BE INSTALLED TO BUILDING EMS CONTROLLER BX MODEM AND ETHERNET PORT.
- DATA CONDUIT DROPS ROUTED FROM EACH CASH REGISTER SHALL BE GANGED TOGETHER AND ROUTED BACK TO COMPUTER ROOM, COORDINATE CONDUIT SIZE WITH CABLE QUANTITY.
- DATA CONDUIT TERMINATE ON PATCH PANEL. ALL VOICE TERMINATE ON 66 BLOCKS.
- DATA CONDUIT TERMINATE ON PATCH PANEL. ALL VOICE TERMINATE ON 66 BLOCKS.
- EC SHALL PROVIDE JUNCTION BOXES AND WIRE FOR ADDITIONAL TELEPHONE AND COMPUTER OUTLETS, PER THE LOW VOLTAGE CONTRACTOR, ON A COST PER UNIT PRICE, PRICE DETERMINED AS PART OF INITIAL BID. ADDITIONAL DUPLEX RECEPTACLES AND ELECTRICAL CIRCUIT CONNECTIONS AS REQUIRED BY EQUIPMENT SERVED TO BE INCLUDED IN THE COST PER UNIT PRICE.
- PROVIDE DIFFERENT COLOR JACKS AND CABLEING FOR DATA AND VOICE TO ALLOW IDENTIFICATION. LABEL ALL FACEPLATES AND PATCH PANELS.
- PROVIDE THREE PORT FACEPLATE WITH (2) RJ11 AND (1) RJ45 JACKS FOR ALL DATA/COMM DEVICES EXCEPT PROVIDE FOUR PORT FACEPLATE WITH (2) RJ11 JACKS AND (2) RJ45 JACKS AT DELI MANAGER, SEAFOOD MANAGER AND RECEIVING OFFICE. PHONE DROPS SHALL BE 1 PAIR, DATA DROPS SHALL BE 4 PAIR.

SPECIAL SYSTEMS LEGEND NOTES

- COORDINATE DEVICE LOCATIONS WITH THE LOW VOLTAGE AND SECURITY VENDOR. ADJUST CIRCUITRY AND PANEL SCHEDULES AS REQUIRED.
- RUN ONE (1) 6 STRAND MULTIMODE 50/125 INDOOR OUTDOOR ARMOR COATED FIBER CABLE FROM COMPUTER ROOM TO RECEIVING OFFICE. TERMINATE ON FIBER BOXES.
- PROVIDE SECURITY SYSTEM DIGITAL VIDEO RECORDING CABLE OFF THIRTY DAYS STORAGE MINIMUM AND DIAL-IN INTERNET CAPABILITY.
- SECURITY SYSTEM VIDEO MONITOR. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH SECURITY VENDOR PRIOR TO ROUGH-IN.
- PROVIDE EXTERIOR LOW LIGHT CAMERA.

SPECIAL SYSTEMS

ALL DATA AND COMMUNICATIONS CABLEING IS BY RESTAURANT DEPOT. ALL JUNCTION BOXES, CONDUIT WITH PULLWIRE IS PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNDER THE PROJECT SCOPE. EC MAY SUBMIT BREAKOUT BID PRICING TO COORDINATE SUPPLY AND INSTALL ALL DATA AND COMMUNICATIONS CABLEING FOR RESTAURANT DEPOT. THIS BREAKOUT BID PRICE SHALL BE CLEARLY SEPARATED FROM THE COMPLETE PROJECT BID PACKAGE PRICE. IF THE BREAKOUT BID PRICE IS ACCEPTED EC SHALL BE RESPONSIBLE TO PROVIDE COMPLETE WORKING SYSTEMS INCLUDING ALL WIRE, OUTLETS, CONNECTORS AND FACEPLATES, ETC.

DATA/COMM SYMBOL LEGEND (SYSTEM AND DEVICES PROVIDED BY OTHERS)		
SYMBOL	DESCRIPTION	ON CENTER MTG. HT.
	VOICE OUTLET	
	DATA OUTLET AT CHECKOUT. PROVIDE (4) CAT5 CABLE DROPS, 18"WF. PROVIDE (1) 1" CONDUIT TO TELEPHONE BACKBOARD IN COMPUTER ROOM.	
	DATA OUTLET. ADJACENT NUMBER INDICATES QUANTITY OF CAT5 CABLE DROPS. IF NO NUMBER SHOWN PROVIDE (1) CAT5 CABLE DROP. PROVIDE (1) 1" CONDUIT TO TELEPHONE BACKBOARD IN COMPUTER ROOM.	
	COMBINATION VOICE/DATA	
	FIBER CABLE. COORDINATE LOCATION.	
	CEILING MOUNTED SPEAKER	
	FLUSH FLOOR MOUNTED COMBINATION DATA/VOICE OUTLET. PROVIDE (4) CAT5 CABLE DROPS. PROVIDE (1) 1" CONDUIT TO TELEPHONE BACKBOARD IN COMPUTER ROOM.	
THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL RACEWAYS, CONDUITS, PULLWIRE, ETC. ASSOCIATED WITH THE DATA/COMM CABLEING. VERIFY ALL DEVICE LOCATIONS AND QUANTITIES WITH RESTAURANT DEPOT. EC SHALL PROVIDE ADDITIONAL DEVICES AS REQUIRED BY RESTAURANT DEPOT ON A COST PER UNIT BASIS. THIS PRICE SHALL BE DETERMINED AS PART OF INITIAL BID.		

SECURITY SYMBOL LEGEND (SYSTEM AND DEVICES PROVIDED BY OTHERS)		
SYMBOL	DESCRIPTION	ON CENTER MTG. HT.
	KEYPAD ANNUNCIATOR. PROVIDE 3/4" STUBBED UP 8" ABOVE ACCESSIBLE CEILING AT OPEN CEILING STUD LENGTH OF CONDUIT UP TOWARD CEILING AS REQUIRED BY RESTAURANT DEPOT. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.	48" A.S.F.
	DOOR CONTACT. PROVIDE 3/4" TO EC PROVIDED JUNCTION BOX ABOVE DOOR. PROVIDE ADDITIONAL JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.	
	OVERHEAD DOOR CONTACT. PROVIDE 3/4" TO EC PROVIDED JUNCTION BOX ABOVE DOOR. PROVIDE ADDITIONAL JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.	
	SAFE CONTACT. PROVIDE 3/4" TO EC PROVIDED JUNCTION BOX ABOVE DOOR. PROVIDE ADDITIONAL JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.	
	CLOSED CIRCUIT TV MONITOR. PROVIDE ADDITIONAL JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.	
	CAMERA (DEVICE BY OTHERS). COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN/INSTALLATION.	
	PIZ CAMERA (DEVICE BY OTHERS). COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN/INSTALLATION. PROVIDE AND INSTALL 120 VOLT POWER. COORDINATE INTERIOR MOUNTED BOX WITH EXTERIOR CAMERA LOCATION. PROVIDE 1" CORE THROUGH WALL, SLEEVE AND FIRESTOPPING FOR EXTERIOR CAMERA. CORE FROM EXTERIOR WALL.	
	MOTION SENSOR. COORDINATE INSTALLATION WITH SECURITY VENDOR. PROVIDE JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.	
	LONG RANGE MOTION SENSOR. COORDINATE INSTALLATION WITH SECURITY VENDOR. PROVIDE JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.	
	110db SIREN. PROVIDE ADDITIONAL JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE 120 VOLT ELECTRICAL CONNECTION AS REQUIRED.	
	PANIC BUTTON. COORDINATE INSTALLATION WITH SECURITY VENDOR. PROVIDE JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE 120 VOLT ELECTRICAL CONNECTION AS REQUIRED.	
	SIREN. COORDINATE INSTALLATION WITH SECURITY VENDOR. PROVIDE JUNCTION BOXES AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION. PROVIDE 120 VOLT ELECTRICAL CONNECTION AS REQUIRED.	
	SECURITY SYSTEM INDICATOR LIGHTS (RED, BLUE & YELLOW)	
THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL RACEWAYS, CONDUITS, ETC. ASSOCIATED WITH THE SECURITY SYSTEM. COORDINATE WITH THE SECURITY SYSTEM VENDOR. SECURITY SYSTEM CONDUITS SHALL BE A SEPARATE CONDUIT RUN FROM THE COMMUNICATIONS AND FIRE ALARM CONDUITS.		

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REVISIONS

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**FLOOR PLAN -
SPECIAL
SYSTEMS -
ELECTRICAL**

DATE: 9/10/2020
JOB NO. 19230

E1.04
SHEET NO.