

camera schedule						
CAMERA #	TYPE	COLOR	MOUNT TYPE	CABLE TYPE	HEAD END	NOTES
C1	FIXED DOME		CEILING	Cat5e	DVR RACK	
C2	FIXED DOME		CEILING	Cat5e	DVR RACK	
C3	FIXED DOME		CEILING	Cat5e	DVR RACK	
C4	FIXED DOME		CEILING	Cat5e	DVR RACK	
C5	FIXED DOME		CEILING	Cat5e	DVR RACK	
C6	FIXED DOME		CEILING	Cat5e	DVR RACK	
C7	FIXED DOME		CEILING	Cat5e	DVR RACK	
C8	FIXED DOME		CEILING	Cat5e	DVR RACK	
C9	FIXED DOME		CEILING	Cat5e	DVR RACK	
C10	FIXED DOME		CEILING	Cat5e	DVR RACK	
C11	FIXED DOME		CEILING	Cat5e	DVR RACK	
C12	FIXED DOME		CEILING	Cat5e	DVR RACK	
C13	FIXED DOME		CEILING	Cat5e	DVR RACK	

CAMERA COLORS TO BE VERIFIED PRIOR TO ORDERING

voice/data device schedule						
VOICE/DATA OUTLET	LOCATION	DUAL/QUAD	JACK FUNCTION	JACK TYPE	CABLE TYPE	MOUNTING HEIGHT
101A	POS	DUAL	POS	RJ45	CAT5e	18" A.F.F.
101B	POS	DUAL	POS	RJ45	CAT5e	18" A.F.F.
101C	POS	DUAL	POS	RJ45	CAT5e	18" A.F.F.
101CCC						
101D	POS	DUAL	POS	RJ45	CAT5e	18" A.F.F.
101DDD						
101E	POS	DUAL	POS	RJ45	CAT5e	18" A.F.F.
101F	CEILING	DUAL	MONITOR	RJ45	CAT5e	CEILING
101G	CEILING	DUAL	MONITOR	RJ45	CAT5e	CEILING
101H	CEILING	DUAL	MONITOR	RJ45	CAT5e	CEILING
101I	CEILING	DUAL	MONITOR	RJ45	CAT5e	CEILING
101J	CEILING	DUAL	MONITOR	RJ45	CAT5e	CEILING
101K	DINING	DUAL	GENERAL	RJ45	CAT5e	CEILING
101L	OFFICE	DUAL	COMPUTER	RJ45	CAT5e	18" A.F.F.
101M	OFFICE	DUAL	COMPUTER	RJ45	CAT5e	18" A.F.F.
101N	OFFICE	DUAL	COMPUTER	RJ45	CAT5e	18" A.F.F.
101O	BOH	DUAL	TIMELOCK	RJ45	CAT5e	48" A.F.F.
101P	BOH	DUAL	WAP	RJ45	CAT5e	SEE WAP NOTE BELOW SCHEDULE
101Q	DINING	DUAL	WAP	RJ45	CAT5e	SEE WAP NOTE BELOW SCHEDULE
101R	OUTSIDE	DUAL	WAP	RJ45	CAT5e	SEE WAP NOTE BELOW SCHEDULE

WAP DEVICE NOTE
 DEVICES MUST BE INSTALLED SO THAT IF 5' BELOW THE LOWEST OBSTRUCTION TO PERFORM PROPERLY, BUT HIGH ENOUGH TO SUPPORT A SIGNAL TO 10' AFF.

- GENERAL LOW VOLTAGE SYSTEMS NOTES**
- REFER TO ARCHITECTURAL PLAN FOR RESPONSIBILITY SCHEDULE
 - FURNISH AND INSTALL (PULL) ALL CABLE. NO TERMINATIONS REQUIRED (INCLUDING PULLING THROUGH CHEF'S COUNTER)
 - ALL DATA CABLES TO BE CAT5 PLENUM-RATED AND BLACK IN COLOR WHERE EXPOSED TO VIEW. CABLE SHOULD NOT BE IN CONDUIT UNLESS REQUIRED BY CODE
 - ALL SPEAKER WIRE TO BE 16-GAUGE AWG AND BLACK IN COLOR. CABLE SHOULD NOT BE IN CONDUIT UNLESS REQUIRED BY CODE
 - PROVIDE BACK BOXES AND STUB UPS TO ABOVE THE CEILING FOR EACH LOCATION
 - ALL CABLE TO BE HOME RUNS FROM THE DEVICE TO THE MANAGER'S OFFICE, WITH THE EXCEPTION OF SPEAKERS THAT SHOULD BE DAISY-CHAINED TOGETHER AS SHOWN ON THE PLAN
 - PROVIDE SERVICE LOOPS SPOOLED AND HUNG NEATLY AT BOTH ENDS OF EACH CABLE 3'-0" AT DEVICE AND 2'-0" AT THE IT RACK
 - ALL CABLE PULLS TO BE TAGGED AND CLEARLY LABELED ON BOTH ENDS WITH A P-TOUCH OR OTHER PRINTED LABEL
 - GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATING CONDUIT/INFRASTRUCTURE WORK FOR PATHWAYS FROM BASE BUILDING IT CLOSET TO KRISPY KREME'S MANAGER OFFICE
 - WHEN RIGID CONDUIT IS REQUIRED, ALL EXPOSED CONDUIT SHALL BE RIGID TYPE CONDUIT AND ROUTED PARALLEL TO BUILDING LINES. INSTALL ALL CONDUITS PLUMB AND LEVEL WHERE EXPOSED TO VIEW
 - REFER TO MECHANICAL DRAWINGS FOR LOCATION OF ALL THERMOSTATS, TEMPERATURE, AND HUMIDITY SENSORS. PROVIDE CONDUIT AND BACK BOX SIZE AS REQUIRED PER ALL HVAC CONTROLS. CONDUIT FOR LOW VOLTAGE CONTROLS SHALL TERMINATE AT STRUCTURE ABOVE WITH BUSHING. CONDUIT SYSTEM FOR LINE VOLTAGE CONTROLS SHALL ROUTE CONTINUOUS TO EQUIPMENT SERVED.
 - PROVIDE (1) 3/4" SLEEVES FOR EACH EXTERIOR PENETRATION OF SPACE
 - PROVIDE (1) 1" EMPTY CONDUIT ABOVE THE IT RACK/PERFECT FOR SATELLITE DISH IF REQUIRED. VERIFY WITH KRISPY KREME IF REQUIRED
 - ALL CONDUIT MUST HAVE PULL STINGS
 - ALL CONDUIT OCCUPATION FOR FINAL INSTALLATION. COORDINATE WITH ARCHITECT AND KRISPY KREME FOR CONDUIT ON THE PROJECT. VERIFY INSTALLATION LOCATION AND GENERAL DIRECTION. VERIFY WITH KRISPY KREME FINAL DIRECTION FOR EACH CAMERA
 - CONTRACTOR TO PROVIDE (1) 4X4 BACK BOX ON THE CEILING TRACK FOR EACH CAMERA IN THE DINING ROOM
 - PROVIDE BUSHINGS, SLEEVES, AND PROTECTIVE GRAMMETS FOR ALL CABLEING AS REQUIRED.
- LOW VOLTAGE SYSTEMS PLAN NOTES**
- PROVIDE (2) 3" STUB-UPS ABOVE THE IT RACK TO ABOVE THE CEILING FOR CABLE MANAGEMENT. ROUTE ALL DATA CABLES THROUGH ONE OF THE 3" STUB AND ALL OTHER CABLES THROUGH THE OTHER 3" STUB.
 - PROVIDE AND INSTALL (PULL CABLE) A 25 PAIR CABLE FROM THE BASE BUILDING'S DMARC TO KRISPY KREME'S MANAGER OFFICE FOR THE 25 PAIR CABLE. PROVIDE A 10'-0" SERVICE LOOPS SPOOLED AND HUNG NEATLY AT BOTH ENDS.
- INFRASTRUCTURE**
- GC TO PROVIDE PATHWAYS FOR BOTH ITEMS FROM BASE BUILDING'S DMARC TO THE MANAGER'S OFFICE.
 - A. 25 PAIR CABLE
 - B. COAX CABLE
- DATA DROPS**
- ALL DATA DROPS TO BE HOME RUNS FROM THE FINAL LOCATION PER PLAN BACK TO THE MANAGER'S OFFICE ABOVE THE IT RACK
 - GC TO PROVIDE BACK BOX AND STUB-UP TO THE CEILING FOR ALL DATA DROPS.
- SPEAKERS**
- SPEAKERS TO BE DAISY-CHAINED TOGETHER PER PLAN AND RUN BACK TO THE MANAGER'S OFFICE.
- CAMERAS**
- CAMERAS TO BE LOCATED PER PLAN AND ANGLED IN THE DIRECTION SHOWN.
 - EACH TO BE A HOME RUN BACK TO THE MANAGER'S OFFICE.
- SECURITY SYSTEM**
- GC TO PROVIDE BACK BOX AND STUB-UP TO CEILING FOR EACH HOLD-UP BUTTON.
 - GC TO PROVIDE BACK BOX AND STUB-UP TO THE CEILING FOR ALL DATA DROPS.
- TELEVISIONS**
- EACH TV TO HAVE A DUAL DATA DROP. (EACH HOME RUN BACK TO THE MANAGER'S OFFICE)
 - COORDINATE HEIGHT WITH GC AND KRISPY KREME. REFER TO ARCHITECT'S INTERIOR ELEVATIONS.

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CONCORD
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PERMIT SET	11/01/2018

revisions:

#	Description	Date
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keyed notes

- ELECTRICAL CONTRACTOR SHALL PROVIDE CEILING MOUNTED DUPLEX RECEPTACLES AND DATA JACKS FOR DIGITAL MENU BOARDS. COORDINATE MOUNTING LOCATIONS WITH ARCHITECTURAL SHEETS. DATA CABLEING IS RUN INTO OFFICE FOR MENU BOARD SYSTEM CONTROLLER. COORDINATE FINAL REQUIREMENTS WITH DIGITAL SYSTEM PROVIDER PRIOR TO ROUGH-IN.
- PROVIDE RECEPTACLE AND DATA OUTLET FOR EMPLOYEE TIME CLOCK. VERIFY FINAL LOCATION WITH G.C. PRIOR TO INSTALLATION.
- SPEAKERS AT EXTERIOR PATIO SHALL HAVE SEPARATE VOLUME CONTROL THAN INTERIOR SPEAKERS. SPEAKERS TO BE WALL MOUNTED. COORDINATE EXACT REQUIREMENTS WITH VENDOR.
- VOLUME ZONE CONTROLLERS FOR AUDIO EQUIPMENT RACK. COORDINATE REQUIREMENTS WITH CONSTRUCTION MANAGER.

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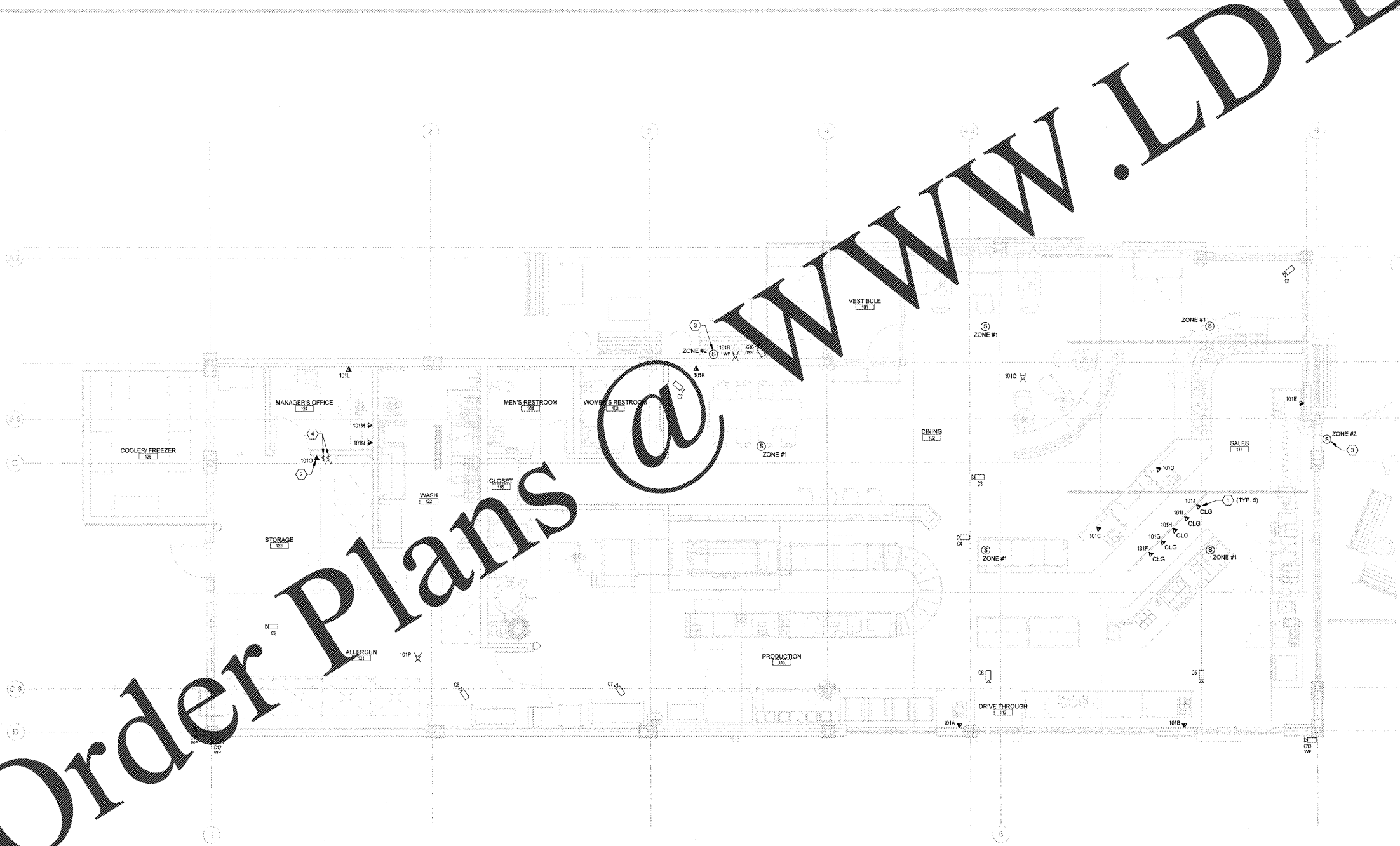
ENGINEER
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sheet info

LOW VOLTAGE SYSTEMS PLAN

E400



Order Plans @

low voltage system plan
 SCALE | 1/4" = 1'-0"