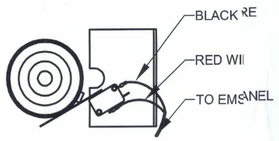
QTY.	SYMBOL	DESCRIPTION	CABLE TYPE	SUPPLIED BY:	INSTALLED BY:	NOTES
VERIFY	AT	AHU TERMINAL STRIP	8C T-STAT CABLE	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER HVAC UNIT.
3	DS	DOOR CONTACT SWITCH	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR SEE NOTE #3	QTY. ONE (1) PER EXTERIOR DOOR.
1	N	NETWORK CABLE MTD. AT REGISTER AREA	CAT5/RJ-45 CONNECTOR ON BOTH ENDS. LEAVE 20' COILED AT REGISTER. CONNECT AT EMS PANEL.	GENERAL CONTRACTOR	GENERAL CONTRACTOR	QTY. ONE (1) PER REGISTER AREA.
2	M	MOTION SENSOR MTD. 15'-0" FROM FRONT DOOR	(18AWG, 4C, STRANDED, SHIELDED) LEVITON EZ-FIND ODCOS-IDW	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) AT FRONT ENTRY. QTY. ONE (1) AT RECEIVING ENTRY.
1	OT	OUTDOOR AIR TEMP MTD. @ 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER RECEIVING ENTRY.
VERIFY	ST	SUPPLY TEMP (501-1121) MTD. IN SUPPLY DUCT	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER HVAC UNIT.
VERIFY	T	TEMPERATURE SENSOR (501-1) SUPPLIED & INSTALLED BY DG REFRIGERATION DEPARTMENT	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER COOLER. QTY. ONE (1) PER FREEZER.
VERIFY	TS	TEMPERATURE SPACE SENSOR (809-6590) MTD. @ 8'-0" A.F.F.	BELDEN 8761 OR EQUIVALENT (22AWG, 2C, STRANDED, SHIELDED)	EMS SUPPLIER	GENERAL CONTRACTOR	QTY. ONE (1) PER HVAC UNIT ZONE.
4	$	MOTION SENSOR SWITCH.	LEVITON EZ-FIND ODS-10-IDW	GENERAL CONTRACTOR	GENERAL CONTRACTOR	QTY. ONE (1) PER BREAK ROOM. QTY. ONE (1) PER OFFICE. QTY. ONE (1) PER MEN'S RESTROOM. QTY. ONE (1) PER WOMEN'S RESTROOM.
1		RJ-11/RJ-45 DATA JACK, PHONE COMBO.	24 GA., 4 TWISTED-PAIR, CATEGORY-FIVE (CAT 5) DATA CABLE .	GENERAL CONTRACTOR	GENERAL CONTRACTOR	QTY. ONE (1) AT OFFICE COMPUTER CART.

REQUIRED NATIONAL ACCOUNT VENDORS

CONTACT INFORMATION SUBJECT TO CHANGE

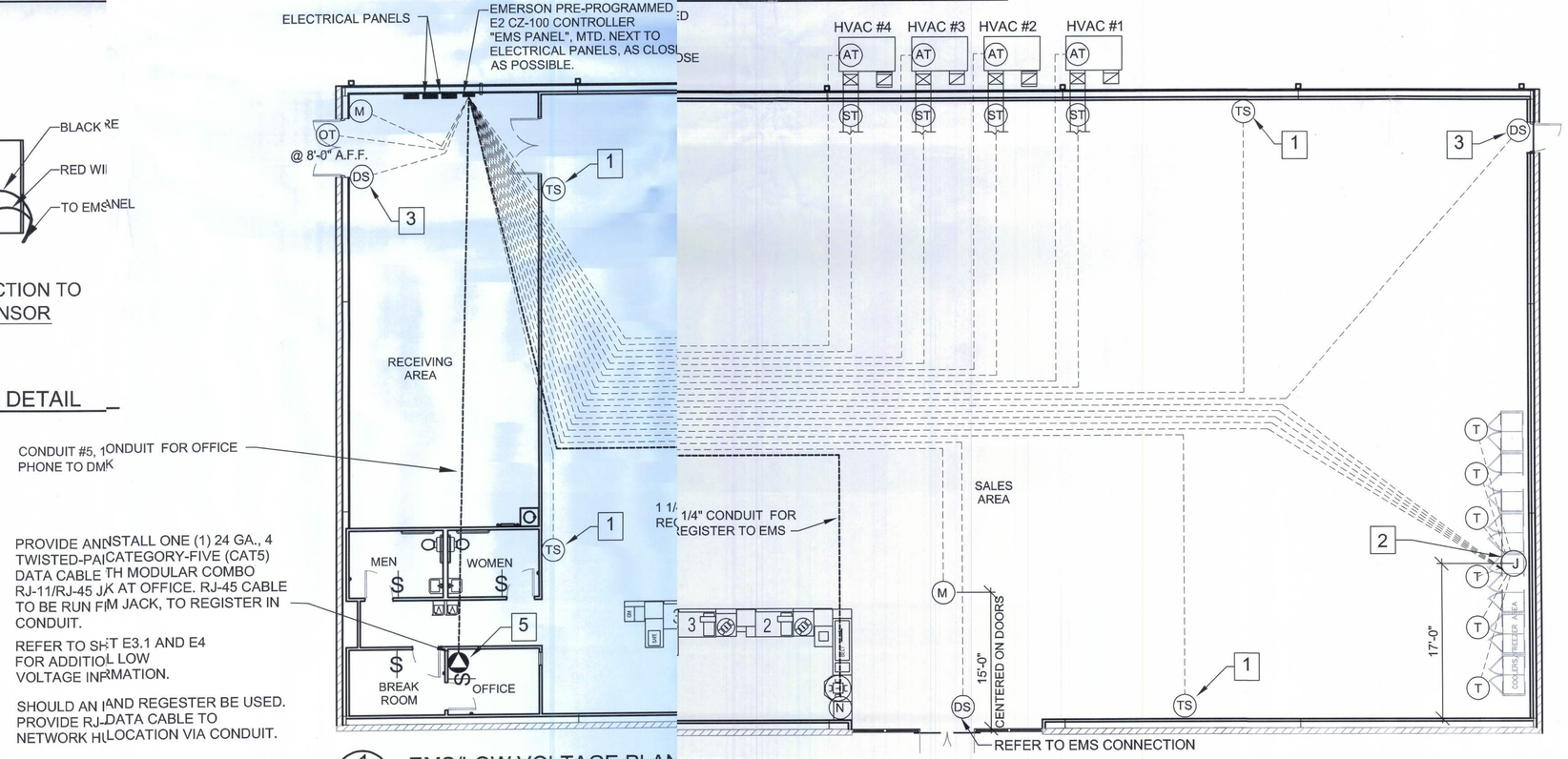
	CONTACTS	PHONE #	REQUIRED ITEMS
EMERSON CLIMATE TECHNOLOGIES	WEBSITE http://dollargeneralbid.ectsolutions.net	USER NAME: dollargeneralbid PASSWORD: dollargeneralbid	EMS SUPPLIER NOTE: CUSTOMIZED DOLLAR GENERAL EMS PANEL REQUIRES STORE #, CITY, STATE, ZIP CODE & QTY. FOR HVAC UNITS OF THE INSTALL SITE WHEN ORDERING. EMS SYSTEMS INSTALLATION GUIDE WITH PHOTOS IS AVAILABLE ON NATIONAL ACCOUNT WEBSITE. ALL QUESTIONS PERTAINING TO THE EMS PANEL, SYSTEM INSTALLATION & SETUP SHOULD BE DIRECTED TO EMERSON'S DOLLAR GENERAL SUPPORT TEAM AT 770-425-2724.

SENSOR PLAN KEYED NOTES	
1	ALWAYS INSTALL THESE SENSORS AT 8'-0" A.F.F. THE EXACT MOUNTING LOCATION OF THE HVAC SENSORS "TS" MAY VARY DEPENDING ON THE STORE LAYOUT & DUCT CONFIGURATION. REFER TO SITE SPECIFIC MECHANICAL DRAWINGS FOR HVAC ZONED SENSOR MOUNTING LOCATIONS. IF SENSORS ARE MOUNTED ON EXTERIOR WALLS DUE TO DUCT CONFIGURATION, THEY ARE THEN TO BE INSULATED TO PREVENT AIR INFILTRATION. IF ADDITIONAL HVAC UNITS ARE USED, ADD ADDITIONAL TEMPERATURE SENSORS "TS".
2	ELECTRICAL CONTRACTOR TO INSTALL (1) CONDUIT TO CHANNEL (6) 24 GA., 2 CONDUCTOR, STRANDED & SHIELDED LOW VOLTAGE WIRES FROM CEILING TO WALL AND COVER JUNCTION BOX WITH SOLID WALL PLATE. JUNCTION BOX SHALL BE MTD. 6'-0" A.F.F.
3	THREE (3) DOOR CONTACT SWITCHES ARE SUPPLIED IN THE ORDER PACKAGE. SHOULD MORE FIRE EXIT DOORS EXIST IN SITE SPECIFIC STORE, THEN ALWAYS INSTALL ONE AT STOREFRONT, ONE AT RECEIVING EXTERIOR DOORS, AND ONE AT ONE OF THE FIRE EXIT DOORS. ALL OTHER FIRE EXIT DOORS RECEIVE LESS PRIORITY OF MONITORING.
4	ADD ADDITIONAL FIFTH HVAC UNIT WHEN REQUIRED.
5	PHONE LINE #1 - TWO RJ-11 PORTS. ONE (1) LOCATED IN OFFICE W/RJ-45 DATA JACK COMBO AND ONE (1) AT REGISTER. 24 GA. CAT 5, 4-PAIR TWISTED WIRE ONLY. USE BLUE AND BLUE & WHITE WIRES. HOOK TO LINE #1 TERMINAL IN RJ-11 JACK EACH PHONE JACK TO HAVE DEDICATED, SEPARATE HOME RUN TO DMARC. LABEL AS "PHONE" AT THE DESTINATION AND AT DMARC. PHONE COMPANY PROVIDES FINAL HOOK UP TO DMARC ONLY.PHONE LINE #2 - RJ-11 PHONE JACK SUPPLIED AND WIRED BY CONTRACTOR.



EMS CONNECTION TO DOOR SENSOR

2 EMS1.C EMS CONNECTION DETAIL
N.T.S.



1 EMS1.C EMS/LOW VOLTAGE PLAN "C"
N.T.S.

EMS/LOW VOLTAGE PLAN

NICHOLAS PAUL CLOSER ARCHITECT N.C.A.R.B. Certified
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DOLLAR GENERAL®

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COUNTY RD 247, LAKE CITY, FL
STORE # 12851
2010 PROTOTYPE - PLAN "C" 9,100

DATE	30 MAR 2010
Design	JFB 06/10/10
Revisions	JFB 10/20/10
SHEET NUMBER	EMS1.C