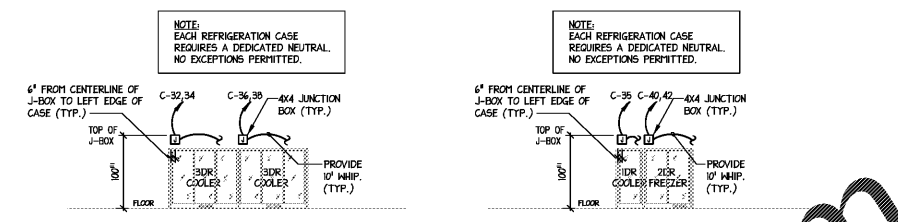


1 COMMUNICATION BOARD DIAGRAM
NTS

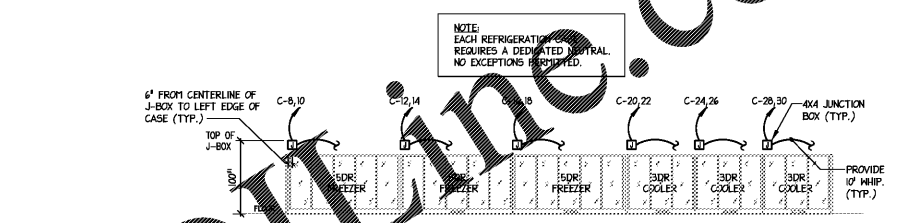
COMMUNICATION BOARD STENCILING NOTE:
A STENCIL SHALL BE USED TO MARK THE LOCATIONS OF EQUIPMENT ON THE COMMUNICATION BOARD. ORDER STENCIL DIRECTLY FROM LAKE AREA SIGNS (SPEAK WITH DANNY OR JEREMY AT 337-625-4774) USING ORDER FORM. THE STENCIL COST IS \$25.00 PLUS SHIPPING AND IS TO BE PAID BY CONTRACTOR USING A CREDIT CARD. THERE IS A 10 BUSINESS DAY LEAD TIME. THE STENCIL TRANSFER TAKES LESS THAN 15 MINUTES. RED OR BLACK SPRAY PAINT SHOULD BE USED. IT TAKES LESS THAN 1/2 CAN OF PAINT PER STENCIL. THE STENCIL SHOULD BE APPLIED PRIOR TO MOUNTING THE BOARD ON THE WALL TO MAKE SURE THE ANCHORS ARE NOT PLACED IN SPACES MARKED FOR EQUIPMENT. A PHOTO OF THE INSTALLED COMMUNICATION BOARD ALONG WITH THE UL CLASSIFICATION STAMP AND TRANSFERRED STENCIL PRIOR TO ANY EQUIPMENT INSTALLED SHALL BE SENT TO YOUR FAMILY DOLLAR PROJECT MANAGER. NO DEVIATIONS TO THE LAYOUT WILL BE ACCEPTED BY FAMILY DOLLAR. IT IS RESPONSIBILITY OF CONTRACTOR TO ENSURE THAT ALL SUBCONTRACTORS ADHERE TO THIS.

- COMMUNICATION BOARD GENERAL NOTES:**
- ALL PHONE AND DATA LINES SHALL BE RUN BY FDS'S LOW VOLTAGE VENDOR. INSTALLATION SHALL COMPLY WITH ALL CITY & STATE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CONDUIT WITH PULL STRING FOR ALL PHONE AND DATA LINES WHERE REQUIRED BY CODE.
 - CONTRACTOR SHALL INSTALL FIRE RETARDANT PLYWOOD COMMUNICATION BACKBOARD, GROUND BAR, TELEPHONE PUNCHDOWN BLOCK & DUPLEX RECEPTACLES A MINIMUM OF 6 WEEKS PRIOR TO DELIVERY DATE OF STORE TURNOVER TO FDS.
 - CONTRACTOR SHALL INSTALL COMMUNICATION BACKBOARD AND RECEPTACLE POWER PRIOR TO TELEPHONE AND DATA INSTALLATION DATE. PER FCC REQUIREMENTS PERMANENT POWER IS REQUIRED PRIOR TO TELEPHONES BEING INSTALLED.
 - CONTRACTOR SHALL PROVIDE ONSITE CONTACT AVAILABLE TO PROVIDE ACCESS TO TELEPHONE AND DATA COMPANIES. (TELEPHONE AND DATA COMPANIES REQUIRE SOMEONE ONSITE ON THE DAY OF INSTALL.)
 - CONTRACTOR SHALL PROVIDE ONSITE CONTACT TO PROVIDE PROBLEM RESOLUTION FOR ALL ISSUES PERTAINING TO PHONE/DATA FACILITIES, I.E. CONDUIT PLACEMENT, PULL STRING, BUILDING PENETRATION, SITE ACCESS, ETC.
 - FAMILY DOLLAR CONTACT INFO: DEPLOYMENT CENTRAL 1-866-625-0177 (AVAILABLE 8AM-8PM EST MON-FRI). EMAIL: NEWSTORECONSTRUCTION@FAMILYDOLLAR.COM

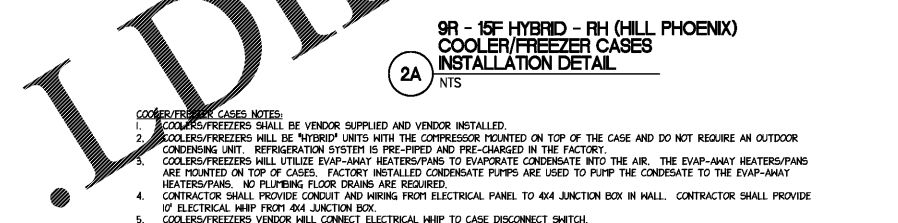
- COMMUNICATION BOARD KEYED NOTES:**
- CONTRACTOR SHALL PROVIDE 4x8x3/4" COMMUNICATION BOARD MADE OF FIRE RETARDANT PLYWOOD, WITH A UL CLASSIFICATION STAMP THAT MEETS OR EXCEEDS THE REQUIREMENTS FOR CLASS 1 OR CLASS A FLAME/SPREAD RATING (BFC 202 SECTION 2303.2). BOARD SHALL NOT BE PAINTED EXCEPT FOR STENCIL TRANSFER. POINT BOARD WITH BRACING AND FASTENERS RATED TO SUPPORT UP TO 225 LBS OF WEIGHT. COMMUNICATION BOARD SHALL BE MOUNTED VERTICALLY. HORIZONTALLY MOUNTED COMMUNICATION BOARD WILL NOT BE ACCEPTED.
 - 1/4" METAL ANCHOR BOLTS, TYPICAL @ PLACES.
 - EXISTING CONDUIT STUBBED BELOW COMMUNICATION BOARD FOR INCOMING TELEPHONE SERVICE. VERIFY POINT OF TERMINATION OF OTHER END OF CONDUIT AND EXTEND TO PHONE PEDESTAL, PROPERTY LINE, OR POINT AS COORDINATED WITH LOCAL TELEPHONE COMPANY.
 - CONTRACTOR SHALL PROVIDE #6 CU GROUND TO SERVICE GROUND BAR AS REQUIRED FOR GROUNDING OF COMMUNICATION EQUIPMENT. PROVIDE 1' LOOP OF #6 GROUND TERMINATED WITH LUG.
 - CONTRACTOR SHALL PROVIDE GROUND BAR WITH 7 TERMINALS FOR GROUNDING OF FRATE RELAY AND OTHER COMMUNICATION EQUIPMENT.
 - NETWORK INTERFACE DEVICE (DEMARC) WITH TEST PLUGS BY LOCAL TELEPHONE COMPANY. DO NOT INSTALL ON EXTERIOR OF BUILDING.
 - CONTRACTOR SHALL PROVIDE TWO (2) DUPLEX ISOLATED GROUND RECEPTACLES. SEE PLANS FOR CIRCUIT NUMBER. RECEPTACLES SHALL BE SURFACE MOUNTED. RECEPTACLES SHALL BE "ORANGE" WITH WHITE COVER PLATES.
 - CONTRACTOR SHALL PROVIDE 25 PAIR (44 CLIPS) TELEPHONE PUNCHDOWN BLOCK.
 - HVAC UNIT CONTROLLER FURNISHED WITH EMS SYSTEM AND INSTALLED BY CONTRACTOR. (FIELD VERIFY QUANTITY WITH MECHANICAL PLANS). REFER TO EMI DRAWINGS FOR INSTALLATION INFORMATION. LOCATIONS FOR ADDITIONAL CONTROLLERS SHOWN IF APPLICABLE.
 - NOT USED.
 - EXTEND EXISTING DATA CONDUIT/SERVICE OVERHEAD TO WITHIN 6" OF LEFT EDGE OF COMMUNICATION BOARD. VERIFY POINT OF TERMINATION OF OTHER END OF CONDUIT AND EXTEND TO DATA PEDESTAL, PROPERTY LINE, OR POINT AS COORDINATED WITH LOCAL DATA SERVICE PROVIDER. CONTACT FAMILY DOLLAR FOR DATA SERVICE PROVIDER THAT WILL BE UTILIZED.
 - NOT USED.
 - DUCT SMOKE DETECTOR REMOTE TEST STATION LOCATION. CONTRACTOR SHALL INSTALL REMOTE TEST STATION. SEE WIRING DIAGRAM 4/E-4 FOR DETAILS.
 - CONTRACTOR SHALL PROVIDE DUPLEX ISOLATED GROUND RECEPTACLE IN HALL, NEXT TO OR ABOVE COMMUNICATION BOARD TO BE USED FOR PAGING SYSTEM. USE SAME CIRCUIT FOR RECEPTACLES AT COMMUNICATION BOARD. RECEPTACLE SHALL BE "ORANGE" WITH WHITE COVER PLATE.



2B 6R HYBRID - RH (HILL PHOENIX) COOLER/FREEZER CASES INSTALLATION DETAIL
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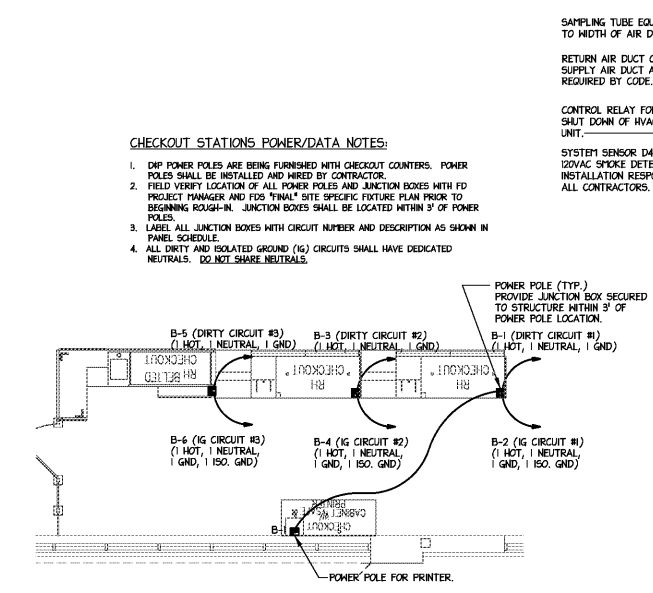
2C 1R - 2F HYBRID - LH (HILL PHOENIX) COOLER/FREEZER CASES INSTALLATION DETAIL
NTS



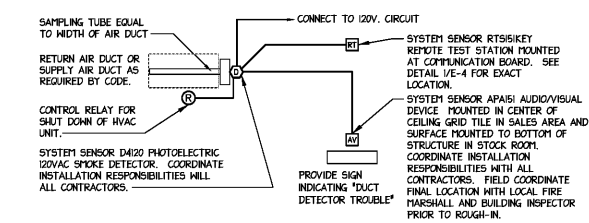
2A 9R - 15F HYBRID - RH (HILL PHOENIX) COOLER/FREEZER CASES INSTALLATION DETAIL
NTS

- COOLER/FREEZER CASES NOTES:**
- COOLERS/FREEZERS SHALL BE VENDOR SUPPLIED AND VENDOR INSTALLED.
 - COOLERS/FREEZERS WILL BE "HYBRID" UNITS WITH THE COMPRESSOR MOUNTED ON TOP OF THE CASE AND DO NOT REQUIRE AN OUTDOOR HEATERS/PANS. NO PLYMING FLOOR DRAINS ARE REQUIRED.
 - COOLERS/FREEZERS WILL UTILIZE EVAP-AMAY HEATERS/PANS TO EVAPORATE CONDENSATE INTO THE AIR. THE EVAP-AMAY HEATERS/PANS ARE MOUNTED ON TOP OF CASES. FACTORY INSTALLED CONDENSATE PUMPS ARE USED TO PUMP THE CONDENSATE TO THE EVAP-AMAY HEATERS/PANS.
 - CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FROM ELECTRICAL PANEL TO 4X4 JUNCTION BOX IN WALL. CONTRACTOR SHALL PROVIDE 10' ELECTRICAL MHWP FROM 4X4 JUNCTION BOX.
 - COOLERS/FREEZERS VENDOR WILL CONNECT ELECTRICAL MHWP TO CASE DISCONNECT SWITCH.
 - REFER TO FDS SITE SPECIFIC FUTURE PLAN FOR DIMENSIONED LOCATIONS OF COOLER/FREEZER CASES AND JUNCTION BOX LOCATIONS PRIOR TO ELECTRICAL ROUGH-IN.
 - FOR HILL PHOENIX CASES JUNCTION BOX FOR CASE SHOULD ALWAYS BE INSTALLED 6" FROM THE LEFT EDGE OF EACH CASE AND 10" AFF TO TOP OF JUNCTION BOX.
 - IF REQUIRED BY LOCAL CODES, CONTRACTOR SHALL PROVIDE SAFETY GROUND CONNECTED TO DISCONNECT. CONTRACTOR SHALL CONFIRM WITH LOCAL BUILDING INSPECTOR PRIOR TO BEGINNING ELECTRICAL ROUGH-IN.

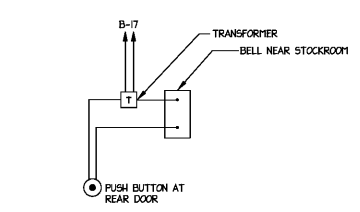
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3 CHECKOUT STATIONS POWER/DATA DETAIL
1/4"=1'-0"



4 DUCT DETECTOR MOUNTING DETAIL
DIAGRAMMATIC ONLY



4 DOOR CHIME SCHEMATIC DIAGRAM
DIAGRAMMATIC ONLY

ENGINEER OF RECORD:
J. CORBETT THOMAS, P.E.
2120 DILWORTH RD EAST
CHARLOTTE, NC 28203
PH (704) 333-1020
Corb@CorbEtEngineering.com

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RRMM ARCHITECTS, P.C.
1317 Executive Blvd, Suite 200
Chesapeake, VA 23320
(757) 622-2622 / Fax (757) 622-8865

FAMILY DOLLAR STORE, FDS #791901
SEMAA
ELECTRICAL DETAILS

Project: _____
Sheet: **E-4**