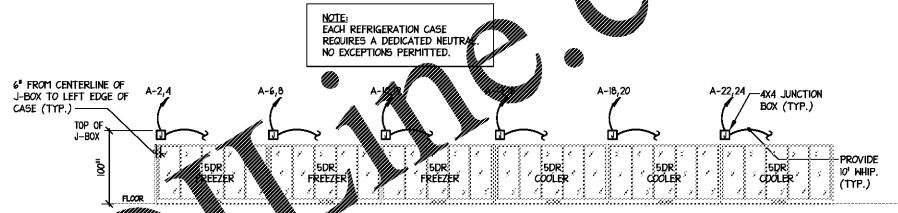


1 COMMUNICATION BOARD DIAGRAM
NTS

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.

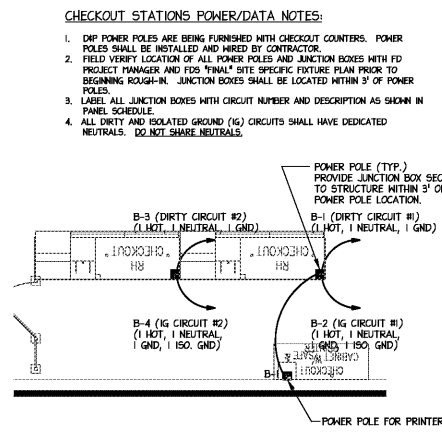
- COMMUNICATION BOARD GENERAL NOTES:**
- ALL PHONE AND DATA LINES SHALL BE RUN BY FDS' LOW VOLTAGE VENDOR. INSTALLATION SHALL COMPLY WITH ALL CITY & STATE CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CONDUIT WITH PULL STRING FOR ALL PHONE AND DATA LINES WHERE REQUIRED BY CODE.
 - CONTRACTOR SHALL 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-4PM EST MON-FRI). EMAIL: NENSTORECONSTRUCTION@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 (SEE 202 SECTION 2303.2). BOARD SHALL NOT BE PAINTED EXCEPT FOR STENCIL TRANSFER. FRONT 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.
 - EXTEND/RELOCATE EXISTING TELEPHONE SERVICE AND CONDUIT OVERHEAD TO NEW COMMUNICATION BOARD LOCATION AS REQUIRED. COORDINATE WITH LOCAL TELEPHONE COMPANY.
 - CONTRACTOR SHALL PROVIDE #6 CU GROUND TO SERVICE GROUND BAR AS REQUIRED FOR GROUNDING OF COMMUNICATION EQUIPMENT. PROVIDE 10' LOOP OF #6 GROUND WIRE TERMINATED WITH LUG.
 - CONTRACTOR SHALL PROVIDE GROUND BAR WITH 7 TERMINALS FOR GROUNDING OF FRAME 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 (66 CLIPS) TELEPHONE PUNCHDOWN BLOCK.
 - HVAC UNIT CONTROLLER FURNISHED WITH EMS SYSTEM AND INSTALLED BY CONTRACTOR. (FIELD VERIFY QUANTITY WITH MECHANICAL PLANS). REFER TO EPI DRAWINGS FOR INSTALLATION INFORMATION. LOCATIONS FOR ADDITIONAL CONTROLLERS SHOWN IF APPLICABLE.
 - NOT USED.
 - EXTEND/RELOCATE EXISTING DATA SERVICE AND CONDUIT OVERHEAD TO NEW COMMUNICATION BOARD LOCATION AS REQUIRED. COORDINATE WITH LOCAL DATA PROVIDER. CONTACT FAMILY DOLLAR FOR DATA SERVICE PROVIDER THAT WILL BE UTILIZED.
 - TERMINATE ENDS OF TELEPHONE AND DATA CONDUITS OVERHEAD WITHIN 6" TO THE LEFT OF COMMUNICATION BOARD. DO NOT INSTALL CONDUIT EXPOSED ON FACE OF EXTERIOR MALL.
 - 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 MALL, 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.

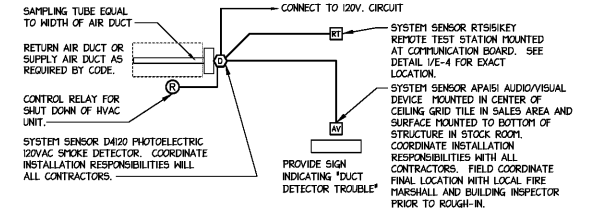


15R - 15F HYBRID - FH (HILL PHOENIX)
COOLER/FREEZER CASES
INSTALLATION DETAIL
2A
NTS

- 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 CONDENSING UNIT. REFRIGERATION SYSTEM IS PRE-PIPED AND PRE-CHARGED IN THE FACTORY.
 - 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. NO PUMPING FLOOR DRAINS ARE REQUIRED.
 - CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FROM ELECTRICAL PANEL TO 4X4 JUNCTION BOX IN MALL. CONTRACTOR SHALL PROVIDE 10' ELECTRICAL WHP FROM 4X4 JUNCTION BOX.
 - COOLERS/FREEZERS VENDOR WILL CONNECT ELECTRICAL WHP 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.

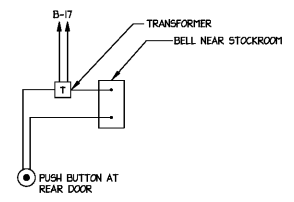


3 CHECKOUT STATIONS POWER/DATA DETAIL
1/4"=1'-0"



4 DUCT DETECTOR MOUNTING DETAIL
DIAGRAMMATIC ONLY

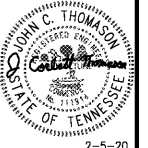
ALL EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE LATEST LOCAL CODES.
CONTRACTOR SHALL PROVIDE, HIRE AND TEST OPERATION OF DUCT SMOKE DETECTORS, REMOTE TEST STATIONS AND NOTIFICATION DEVICES.
CONTRACTOR SHALL INSTALL/HIRE DUCT SMOKE DETECTORS, REMOTE TEST STATIONS AND NOTIFICATION DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.



4 DOOR CHIME SCHEMATIC DIAGRAM
DIAGRAMMATIC ONLY

Order Plans @ WWW.I.D.Iline.com

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PH (704) 333-1020
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description	by	date	mark	revisions

date	designed	drawn	checked



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FAMILY DOLLAR
FAMILY DOLLAR STORE, FDS #791567
501 TENNESSEE AVE NORTH - PARKING, TN 38063
ELECTRICAL DETAILS

project: _____
drawing: _____