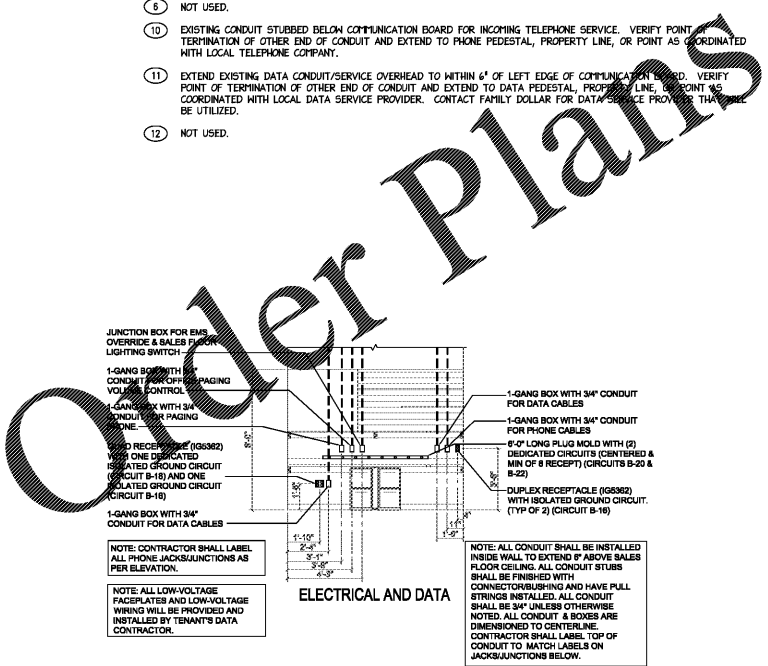


1 ELECTRICAL POWER PLAN
1/8"=1'-0"

TAGGED NOTES (POWER PLAN)

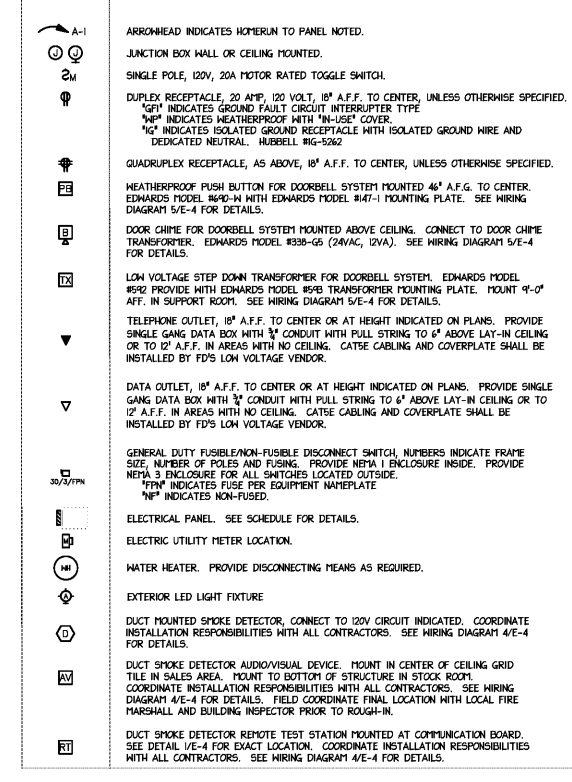
- 1 NOT USED.
- 2 EXISTING 120V, 20A, GFI, WEATHERPROOF EXTERIOR RECEPTACLE AND CIRCUITING TO REMAIN. VERIFY GFI OPERATION AND REPAIR/REPLACE TO BRING TO GOOD WORKING ORDER. PROVIDE NEW "IN-USE" COVER. VERIFY CIRCUIT NUMBER AND UPDATE PANEL DIRECTORY ACCORDINGLY. RETERMINATE EXISTING CIRCUIT TO NEW LOCATION IN PANEL, IF SHOWN.
- 3 NOT USED.
- 4 NOT USED.
- 5 NOT USED.
- 6 NOT USED.
- 7 NOT USED.
- 8 NOT USED.
- 9 NOT USED.
- 10 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.
- 11 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.
- 12 NOT USED.



2 OFFICE ELEVATION

- 13 PROVIDE DEDICATED ISOLATED GROUND CIRCUIT TO FLUSH MOUNTED IG RECEPTACLE IN HALL 6" BELOW CEILING FOR EAS POWER SUPPLY. RECEPTACLE SHALL BE MOUNTED DIRECTLY ABOVE DOOR FULLON CLOSEST TO RECEPTACLE. IG RECEPTACLE SHALL BE "ORANGE" WITH WHITE COVER PLATE. CONFIRM SITE TO MOUNT RECEPTACLE WITH FD SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION. EAS SHALL BE FURNISHED AND INSTALLED BY EAS VENDOR.
- 14 PROVIDE DEDICATED ISOLATED GROUND CIRCUIT TO FLUSH MOUNTED IG RECEPTACLE IN HALL 18" AFF. FOR APPLICATION STATION AND ATM. IN STORES WHERE APPLICATION STATION AND ATM ARE GREATER THAN 4' APART, IG RECEPTABLES SHALL BE PROVIDED FOR EACH. IG RECEPTABLES SHALL BE "ORANGE" WITH WHITE COVER PLATE. PROVIDE SINGLE GANG JUNCTION BOX MOUNTED NEXT TO APP STATION RECEPTACLE FOR DATA CONNECTION. CONTRACTOR SHALL MOUNT JUNCTION BOX IN WALL AT 18" AFF WITH 3/4" CONDUIT WITH PULL STRING UP IN WALL TO 12" ABOVE CEILING. DATA CABLING SHALL BE PROVIDED BY FD LOW VOLTAGE VENDOR. CONFIRM RECEPTACLE LOCATION(S) WITH FD SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION.
- 15 PROVIDE CIRCUIT TO FLUSH MOUNTED RECEPTACLE IN CEILING FOR SECURITY MONITOR. CONFIRM RECEPTACLE LOCATION WITH FD SITE SPECIFIC FIXTURE PLAN PRIOR TO BEGINNING CONSTRUCTION.
- 16 EXISTING BUILDING SIGN CIRCUIT TO BE RE-USED. CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO BUILDING SIGNAGE. COORDINATE ACTUAL NUMBER OF BUILDING MOUNTED SIGNS WITH ARCHITECTURAL ELEVATIONS AND FDS PROJECT MANAGER PRIOR TO CONSTRUCTION. COORDINATE REQUIRED JUNCTION BOX QUANTITIES AND LOCATION WITH ARCHITECTURAL ELEVATIONS AND SIGN SUPPLIER PRIOR TO ELECTRICAL ROUGH-IN. RE-MIRE EXISTING CIRCUIT THRU NEW EYS AND RE-TERMINATE CIRCUIT TO PANEL A. IF EXISTING CIRCUIT IS NOT PRESENT, THEN NEW CIRCUITING SHALL BE PROVIDED.
- 17 MC CABLE IS ALLOWED AS BUILDING STANDARD WHERE LOCAL CODE JURISDICTION WILL ALLOW. ALL MC CABLE SHALL BE RUN OVERHEAD, AND IN A NEAT AND ORGANIZED FASHION. WHERE CODE DOES NOT ALLOW MC CABLE, EMT SHALL BE USED. ALL EXPOSED CABLE AND CONDUIT SHALL BE RUN TIGHT TO CEILING CONSTRUCTION AND CONCEALED FROM VIEW WHEREVER POSSIBLE.
- 18 EXISTING POWER/CONTROLS FOR AUTOMATIC SLIDING DOORS AND SECURITY GATE TO REMAIN.
- 19 PROVIDE SINGLE GANG JUNCTION BOX MOUNTED NEXT TO RECEIVING DOOR FOR PAGING PHONE. CONTRACTOR SHALL MOUNT JUNCTION BOX IN WALL AT 48" AFF WITH 3/4" CONDUIT WITH PULL STRING UP IN WALL TO 12" ABOVE CEILING. PAGING SYSTEM SHALL VENDOR SUPPLIED AND VENDOR INSTALLED.
- 20 NEW ENERGY MANAGEMENT SYSTEM (EMS). EYS SHALL BE FURNISHED BY FAMILY DOLLAR AND INSTALLED BY CONTRACTOR. SEE EPI SHEETS FOR INSTALLATION DETAILS.
- 21 PROVIDE DEDICATED CIRCUIT FOR HAND DRYER. CIRCUIT SHALL BE TERMINATED TO JUNCTION BOX IN HALL. CONFIRM MOUNTING HEIGHT AND LOCATION WITH ARCHITECTURAL ENLARGED RESTROOM PLAN. CONTRACTOR SHALL MAKE FINAL ELECTRICAL CONNECTIONS TO HAND DRYER.
- 22 PROVIDE (2) TWO DEDICATED ISOLATED GROUND RECEPTABLES WITH ISOLATED GROUNDING CONDUCTOR BACK TO SERVICE GROUND. RECEPTABLES SHALL BE SURFACE MOUNTED AT COMMUNICATION BOARD. SEE COMMUNICATION BOARD DETAIL 1/E-4 FOR MOUNTING LOCATIONS AND INSTRUCTIONS ON USING STENCIL FOR LOCATING RECEPTABLES. RECEPTABLES SHALL BE "ORANGE" WITH WHITE COVER PLATES.
- 23 MOUNT JUNCTION BOX ON FLOOR LEVEL AND MAKE MC CONNECTION TO DUPLEX RECEPTACLE INSTALLED IN FIXTURE KICK PLATE.
- 24 EXISTING PACKAGED ROOFTOP UNIT WITH GAS HEAT TO BE REPLACED WITH NEW PACKAGED ROOFTOP UNIT WITH GAS HEAT. KEL-1 - PCA OF NEW UNIT IS LESS THAN PCA OF EXISTING UNIT. REPLACE EXISTING 100A-3P CB WITH NEW 60A-3P CB. EXISTING CIRCUITING SHALL BE REUSED IF EXISTING CONDUCTORS ARE SIZED TO HANDLE PCA OF NEW UNIT. CONTRACTOR SHALL FIELD VERIFY CONDUCTOR SIZE AND REPLACE WITH NEW CONDUCTORS IF UNDERSIZED. KEL-2 - PCA OF NEW UNIT IS LESS THAN PCA OF EXISTING UNIT. EXISTING 100A-3P CB SHALL BE REUSED. EXISTING CIRCUITING SHALL BE REUSED IF EXISTING CONDUCTORS ARE SIZED TO HANDLE PCA OF NEW UNIT. CONTRACTOR SHALL FIELD VERIFY CONDUCTOR SIZE AND REPLACE WITH NEW CONDUCTORS IF UNDERSIZED. KEL-3 - PCA OF NEW UNIT IS GREATER THAN PCA OF EXISTING UNIT. PROVIDE NEW CIRCUITING AND CIRCUIT BREAKER AS SHOWN ON PLANS. FOR ROOFTOP SERVICE RECEPTABLES THAT HAVE BEEN PROVIDED WITH THE NEW HVAC UNITS, PROVIDE NEW CIRCUITING AS SHOWN ON PLANS.
- 25 EXISTING DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT TO REMAIN. (FOR RTU-3, RELOCATE EXISTING DUCT SMOKE DETECTOR TO NEW SUPPLY AIR DUCT DROP.) RECONNECT TO NEW RTU. VERIFY OPERATION AND REPAIR/REPLACE AS REQUIRED TO BRING TO GOOD WORKING ORDER. PROVIDE NEW COMPATIBLE AUDIOVISUAL DEVICE. PROVIDE NEW COMPATIBLE REMOTE TEST STATION AND LOCATE AT COMMUNICATION BOARD. REFER TO 1/E4 FOR LOCATION OF REMOTE TEST STATION. REFER TO 4/E4 FOR ADDITIONAL INSTALLATION DETAIL.
- 26 EXISTING POWER/CONTROLS FOR ELECTRIC ROLL UP DOOR TO REMAIN.

ELECTRICAL POWER SYMBOL LEGEND



POWER DEMOLITION NOTES:
REMOVE ALL EXISTING RECEPTABLES AND POWER NOT SHOWN AS EXISTING TO REMAIN OR NOTED AS EXISTING TO REMAIN. REMOVE ALL ASSOCIATED CONDUIT, WIRING AND DEVICES. FIELD COORDINATE FINAL SCOPE OF DEMOLITION WORK WITH GC PRIOR TO BEGINNING CONSTRUCTION.

revision	date	by	check	mark	revised



FAMILY DOLLAR STORE, FDS #791801
SEMA-A
ELECTRICAL UPFIT POWER PLAN AND DETAILS