

1. THE ABBREVIATION "ESD&C", WHEREVER IT APPEARS IN THESE ELECTRICAL DRAWINGS, SHALL REFER TO "EXPRESS BRANDS STORE DESIGN AND CONSTRUCTION".
2. REFER TO LANDLORD'S SPECIFICATIONS AND TENANT DESIGN CRITERIA FOR NECESSARY INFORMATION AND COORDINATION WITH OTHER TRADES. COORDINATE ALL WORK WITH ALL TRADES INCLUDING BUT NOT LIMITED TO MECHANICAL, PLUMBING, FIRE PROTECTION, AND STRUCTURAL CONTRACTORS. INSTALL ALL WORK TO CLEAR NEW AND EXISTING ARCHITECTURAL AND STRUCTURAL MEMBERS. NO ITEM SUCH AS PIPE, DUCT, ETC. IS TO BE IN CONTACT WITH ANY EQUIPMENT.
3. ANY DISCREPANCY BETWEEN ESD&C DRAWINGS AND TENANT CRITERIA, ESD&C DRAWINGS SHALL TAKE PRECEDENCE.
4. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL INSTALLED ITEMS AND LOCATIONS ARE NOT EXACTLY PLACED AND ARE NOT TO BE SCALED. ALL CONDUITS SHALL BE RUN TO SUIT CONDITIONS IN THE FIELD. ALL FIRE ALARM RUNS ARE SHOWN DIAGRAMMATICALLY ON THESE PLANS AND DO NOT NECESSARILY REFLECT THE EXACT CONDUIT LOCATIONS. ALL CONDUITS SHALL BE RUN INSIDE SHELL OF BUILDING AND UNDER INSULATED CEILING TO AVOID HIGH AMBIENT TEMPERATURE CONDITION.
5. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO SCHEDULE ALL ELECTRICAL INSPECTIONS REQUIRED BY THE BUILDING DEPARTMENT AND SERVING UTILITIES, AND EACH CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OR HER PERMITS AND INSPECTION FEES.
6. BEFORE COMMENCING ANY WORK, CONTRACTORS SHALL REVIEW THE LATEST NATIONAL, STATE, AND LOCAL CODE REQUIREMENTS, INCLUDING LANDLORD CRITERIA, AND PERFORM THE WORK IN STRICT ACCORDANCE WITH THESE. IN CASE OF CONFLICT, THE STRICTER REQUIREMENTS WILL PREVAIL.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS OR HER BID. FOR THE PURPOSE OF SURVEYING EXISTING CONDITIONS, WHICH MAY AFFECT THE WORK TO BE DONE UNDER THIS SECTION, ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE GENERAL CONTRACTOR, ESD&C, OR THE LANDLORD'S FIELD REPRESENTATIVE FOR CLARIFICATION.
8. AFTER BID, ANY QUESTIONS RELATING TO SPECIFIC M, E, OR P ISSUES ARE TO BE DIRECTED AS RFI'S THROUGH THE ESD&C PROJECT MANAGER.
9. SHOULD THE SPACE HAVE BEEN INACCESSIBLE FOR INSPECTION, CONTRACTOR MUST INDICATE SO ON HIS OR HER BID.
10. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR ANY CHANGE ORDERS DUE TO CONTRACTOR'S FAILURE TO VISIT THE JOBSITE AND/OR PREDETERMINE ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS OR HER BID.
11. THE CONTRACTOR, WITHIN FIFTEEN (15) DAYS OF THE AWARD OF THE CONTRACT, SHALL SUBMIT TO THE OWNER, SIX (6) COPIES OF A COMPLETE LIST OF MATERIALS AND EQUIPMENT PROPOSED FOR THE JOB INCLUDING ALL DATA, PART NUMBERS, RATING, CAPACITY, SIZE, DIMENSIONS, ELECTRICAL DATA, GRADE, MANUFACTURE, AND ANY OTHER DESCRIPTIVE DATA FOR ALL EQUIPMENT OR SYSTEMS THAT DEVIATE FROM SPECIFIED ITEMS. ANY DELAYS OR COSTS DUE TO THESE DEVIATIONS, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. CONTRACTOR SHALL REMOVE ALL ABANDONED WIRING WHICH IS NOT TO BE REUSED. ABANDONED WIRING SHALL BE DISCONNECTED AND REMOVED FROM CONDUIT OR RACEWAY. AS-IS PRACTICAL, CONDUIT AND/OR RACEWAYS SHALL REMAIN WITH FULL STRING AND CAPPED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL UNUSED OR ABANDONED MATERIALS AND EQUIPMENT AND ITS REMOVAL OFF THE TENANT'S AND LANDLORD'S PREMISES.
13. OWNER RESERVES THE RIGHT TO HAVE CONSTRUCTION REVIEWED BY AN OUTSIDE CONSULTANT PRIOR TO ACCEPTANCE OF THE PROJECT.
14. EACH CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP RELATED TO HIS OR HER WORK FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE WHICH THE OWNER ACCEPTS THE PROJECT. THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER OR TENANT, SHALL CORRECT ANY DEFECTS IN MATERIALS OR WORKMANSHIP DURING THIS GUARANTEE PERIOD.
15. EACH CONTRACTOR SHALL BE RESPONSIBLE AND ENSURE A CLEAN INSTALLATION, ESPECIALLY IN EXPOSED CEILING AREAS. THE FINAL APPROVAL OF THIS WORK WILL BE ISSUED BY ESD&C PROJECT MANAGER.
16. PROVIDE THREE SETS OF "AS-BUILT" DRAWINGS AND TWO BOUND SETS OF ALL OPERATIONS MANUALS, DIAGRAMS, SERVICE CONTRACTS, AND GUARANTEE TO ESD&C PRECEDENT TO FINAL PAYMENT. A REPORT PREPARED BY AN INDEPENDENT AIR BALANCE CONTRACTOR, HIRED BY GC, MUST BE INCLUDED IN THE CLOSEOUT PACKAGE.
17. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO READ THE SPECIFICATIONS AND REVIEW DRAWINGS OF ALL DIVISIONS OF WORK AND IS RESPONSIBLE FOR THE COORDINATION OF THIS WORK AND THE WORK OF HIS OR HER SUBCONTRACTORS WITH ALL DIVISIONS OF WORK. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SUBCONTRACTORS WITH A COMPLETE SET OF BID DOCUMENTS.
18. THESE PLANS MAY BE USED FOR CONSTRUCTION ONLY AFTER APPROVAL IS OBTAINED FROM THE BUILDING DEPARTMENT. ELECTRICAL PLAN CHECK DIVISION AND THAT DIVISION'S STAMPED APPROVAL AND AUTHORIZED SIGNATURE APPEAR ON THE PLANS.
19. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION WORK.
20. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT FIXTURE LOCATION.
21. DESIGN AND CIRCUITRY MAY BE BASED ON AS-BUILT DRAWINGS. GC AND ELECTRICAL CONTRACTOR SHALL VERIFY ACCURACY OF AS-BUILT DRAWINGS. IN CASE OF DISCREPANCY, ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUITS, CONDUCTORS, BOXES, MISCELLANEOUS FITTINGS, ETC. FOR A COMPLETE AND OPERABLE SYSTEM FOR HOME RUNS SHOWN. BRANCH CIRCUIT INSTALLATION SHALL COMPLY WITH SPECIFICATIONS AND LATEST N.E.C.
22. WHERE PRACTICAL, AND WHERE CONDUIT CONDITION WARRANTS, CONTRACTOR MAY REUSE APPROPRIATE EXISTING CONDUIT SYSTEM. HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT ANY AND ALL EXISTING CODE VIOLATIONS IN CONDUIT SYSTEMS TO BE REUSED. CONTRACTOR MUST OBTAIN THE ESD&C PROJECT MANAGER'S PERMISSION IN WRITING.
23. IF APPLICABLE, RECONNECT, COMPLETE, AND MAKE OPERABLE ALL EXISTING LIGHTING, RECEPTACLES, AND CIRCUITRY.
24. PRIOR TO INSTALLING ANY UNDERGROUND CONDUIT, VERIFY CONDUIT SIZES AND POINTS OF SERVICE WITH THE SERVING UTILITIES.
25. ALL CONDUCTORS ARE TO BE STANDARD ANNEALED COPPER CONDUCTORS WITH TYPE THIN INSULATION, UNLESS NOTED OTHERWISE, AND SHALL RUN FROM POINT TO POINT IN APPROVED CONDUIT. ALL CONDUITS, WHEN EXPOSED IN AREA WITH NO CEILING (EXCEPT STOCKROOM AREAS), SHALL BE INSTALLED IN RACKED FORM, WITH FITTED CONDUIT AND PARALLEL TO STRUCTURAL MEMBERS.
26. ALL CONDUCTORS SHALL BE PHYSICALLY IDENTIFIED AT EACH END FOR CIRCUIT USAGE AND CONTINUITY.
27. GENERALLY, ALL CONDUITS SHALL BE CONCEALED EXCEPT FOR UNFINISHED AREAS, SUCH AS EQUIPMENT ROOMS. EXPOSED CONDUIT SHALL BE ALIGNED ON AS NOTED ON PLAN AND AS APPROVED BY ESD&C'S PROJECT MANAGER. PAINTING OF CONDUITS, NOTED ON DRAWINGS OR SPECIFICATIONS WILL BE BY GENERAL CONTRACTOR.

ELECTRICAL GENERAL NOTES

1. CIRCUITING INDICATED ON PLAN IS PARTIALLY DIAGRAMMATIC FOR CLARITY. CIRCUITING SHALL BE "THRU-WIRING" WHERE AND WHENEVER POSSIBLE.
2. FIELD VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL HVAC EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING RELATED ELECTRICAL EQUIPMENT.
3. ALL RECEPTACLE CIRCUITS UP TO 100'-0" SHALL UTILIZE #12 CONDUCTORS MINIMUM. ALL RECEPTACLE CIRCUITS FROM 100'-1" TO 50'-0" IN LENGTH SHALL UTILIZE #10 CONDUCTORS MINIMUM. ALL RECEPTACLE CIRCUITS 50'-1" UP TO 250'-0" IN LENGTH SHALL UTILIZE #8 CONDUCTORS MINIMUM. CIRCUITS ABOVE 250'-0" SHALL UTILIZE #6 CONDUCTORS MINIMUM.
4. PLACEMENT OF ALL RECEPTACLES IN THE SALES AREA SHALL BE INTENTIONAL (I.E. - CENTERED ON COLUMNS, WALL FEATURES OR TIGHT TO CORNERS), UNLESS OTHERWISE NOTED. IF THE RECEPTACLE IS NOT SHOWN IN A DESIRABLE LOCATION, FIELD VERIFY EXACT PLACEMENT OF RECEPTACLE WITH ESD&C'S PROJECT MANAGER PRIOR TO ROUGH IN.
5. ALL RECEPTACLES AND COVERS (DUPLEX, QUADRAPLEX, ETC) SHALL BE THE COLORS AS NOTED IN THE ELECTRICAL POWER PLAN NOTES AND SCHEDULES.
6. ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS AS REQUIRED FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
7. ACCESS TO ALL COMPONENTS AND EQUIPMENT MUST BE PROVIDED TO MEET CODE AND SERVICE/MAINTENANCE EASE. WHERE DRYWALL CEILINGS ARE USED IN THE SALES AREA, ELECTRICAL CONTRACTOR SHALL AVOID CIRCUITS TO AVOID THE USE OF JUNCTION BOXES IN INACCESSIBLE LOCATIONS. THE USE OF JUNCTION BOXES ABOVE DRYWALL CEILINGS SHALL BE LIMITED TO LOCATIONS NEAR ACCESS FRAMES USED FOR DIFFUSERS AND RETURN AIR GRILLES OR ACCESS PANELS AS LOCATED ON PLANS. IF PLAN LOCATION IS NOT ACCEPTABLE, IMMEDIATELY CONTACT ESD&C PROJECT MANAGER.
8. ANY PENETRATION THROUGH THE ROOF OR WALL WITH CONTROL WIRING MUST BE SLEEVED IN A CONDUIT.
9. ALL 24 VOLT COMMUNICATION AND/OR SENSOR WIRING ASSOCIATED WITH HVAC SYSTEM SHALL BE FURNISHED BY HVAC EQUIPMENT MANUFACTURERS AND INSTALLED BY ELECTRICAL CONTRACTOR. ALL FINAL CONNECTIONS SHALL BE BY MECHANICAL CONTRACTOR. ALL WIRING AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C., LOCAL CODE, AND LANDLORD REQUIREMENTS. ALL WIRING SHALL BE IN CONDUIT.
10. FURNISH AND INSTALL GROUND WIRE CONNECTION (BY-PASS) BETWEEN WATER METER PLUMBING END PIPE USING CLAMP CONNECTORS. MAKE SURE PLUMBING METALLIC WATER PIPE IS SECURELY GROUNDED AS PER N.E.C. AND LOCAL CODES.
11. IFS ENCLOSURE FURNISHED BY ESD&C AND INSTALLED BY ELECTRICAL CONTRACTOR IS HEREIN DESCRIBED:

a. EQUIPMENT NOTED HAS BEEN PREPURCHASED BY EXPRESS STORE DESIGN & CONSTRUCTION.

b. UNIT WILL BE SHIPPED TO THE PROJECT IN MULTIPLE SECTIONS AND THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR OFF-LOADING OF EQUIPMENT, INSPECTION OF EQUIPMENT FOR DAMAGES, VERIFICATION OF EQUIPMENT RECEIVED, ENSURING THAT THE EQUIPMENT RECEIVED IS COMPLETE AND MEETS THE SCHEDULED PANELS FOR THE PROJECT, MOVING AND MOUNTING OF SECTIONS AS WELL AS REASSEMBLING OF SAME INTO ONE COMPLETE UNIT PER MANUFACTURER'S REQUIREMENTS.

c. ELECTRICAL CONTRACTOR IS TO CONNECT ALL PROVIDED INTERCONNECTING CABLES BETWEEN SECTIONS AND TORQUE CONNECTIONS PER MANUFACTURER'S REQUIREMENTS.

d. ELECTRICAL CONTRACTOR IS TO CONNECT LIGHTING BRANCH CIRCUITS TO APPROPRIATE LOAD TERMINALS PROVIDED WITHIN IFS ENCLOSURE PER LIGHTING ZONES INDICATED IN THE PANEL SCHEDULE (I.E. ZONE A, B, C). LINE SIDE WIRING AND LIGHTING CONTROL WIRING WILL BE PREHIED BY MANUFACTURER AT FACTORY. COORDINATE EXACT TERMINAL NUMBER FOR EACH CIRCUIT CONNECTION WITH MANUFACTURER'S DRAWINGS.

e. ALL LIGHTING, RECEPTACLE, AND MISCELLANEOUS BRANCH CIRCUITS NOT SPECIFIED AS BEING CONTROLLED ARE TO BE WIRED DIRECTLY TO THE CORRESPONDING BRANCH BREAKER IN THE DESIGNATED PANEL.
12. ALL CONNECTIONS WITHIN THE TELEPHONE/DATA SECTION AND HVAC CONTROL SECTION OF THE IFS ENCLOSURE ARE TO BE PERFORMED BY OTHERS.
13. CENTER ALL FIXTURES IN CEILING TILE WHERE APPLICABLE.
14. THE ELECTRICAL AND TELEPHONE SERVICES SHALL BE INSTALLED TO THE REQUIREMENTS OF THE SERVING UTILITIES. THE MAIN SERVICE SHALL BE ABLE TO WITHSTAND THE AVAILABLE SHORT CIRCUIT CURRENT INDICATED (AIC) ON THE ONE-LINE DIAGRAM.
15. CONTRACTOR SHALL PROVIDE CUT SHEETS TO ESD&C FOR ALL EQUIPMENT AND DEVICES FURNISHED BY THE CONTRACTOR THAT DEVIATE FROM SPECIFIED ITEM FOR REVIEW AND APPROVAL PRIOR TO THE PURCHASE OF ANY SUCH EQUIPMENT OR DEVICES.
16. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT FOR LOCATION, RESTRICTION, AND REQUIREMENTS OF ALL CONCRETE SAW CUTS. SAW CUTS SHALL BE PATCHED TO MATCH EXISTING CONCRETE.
17. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL ENSURE THE PROPER WORKING ORDER OF THE SYSTEM(S) AND MAKE ANY ADJUSTMENTS AS REQUIRED.
18. ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE FIRE ALARM SYSTEM LAYOUT (SEE SHEETS FO1.1 AND FO1.2) AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION AND ALL APPLICABLE CODES, AND COMPATIBLE WITH THE LANDLORD'S FIRE ALARM SYSTEM. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INQUIRE WITH THE LANDLORD'S REPRESENTATIVE ON ANY FIRE ALARM SYSTEMS IN USE AT THE TIME OF BID. IF THE FIRE ALARM SYSTEM IS NOT ADEQUATELY DESCRIBED ON THE DRAWINGS, THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INFORMING THE GENERAL CONTRACTOR AND INCLUDE THE COST AS A SEPARATE LINE IN BID. NO ADDITIONAL MONIES SHALL BE AWARDED FOR TIE-IN REQUIREMENTS TO A LANDLORD'S FIRE ALARM SYSTEM THAT IS IN EXISTENCE AT THE TIME OF BID, WITHOUT A SEPARATE LINE ITEM.

| TYPE OF PENETRATION | CONCRETE OR MASONRY | | GYPSUM BOARD/FRAME | | 'SPECSEAL FIRESTOP' PRODUCTS |
|---------------------------------|---------------------|-------------------|--------------------|-------------------|------------------------------|
| | FLOORS UL SYSTEM # | WALLS UL SYSTEM # | FLOORS UL SYSTEM # | WALLS UL SYSTEM # | |
| METAL CONDUITS MAX. 4" | CAJ080 | CAJ080 | FC1010 | HL1049 | \$S8100 SEALANT |
| | CAJ1218 | KLJ020 | | HL1080 | LC150 SEALANT |
| | CAJ1198 | CAJ1198 | | HL1062 | PEN800 SILICONE |
| PVC CONDUIT 2" AND SMALLER | CAJ2091 | KLJ2018 | FC2032 | HL2093 | \$S8100 SEALANT |
| PVC CONDUITS 2" THRU 4" | CAJ2098 | CAJ2098 | | HL2029 | FIRESTOP COLLAR |
| | CAJ2045 | CAJ2045 | | | FIRESTOP COLLAR |
| | CAJ2124 | CAJ2124 | FC2038 | HL2059 | WRAP STRIPS |
| CABLE TRAY STEEL OR ALUMINUM | CAJ4029 | KLJ4021 | | HL4008 | FIRESTOP PILLOWS |
| | CAJ4020 | CAJ4020 | | | FIRESTOP MORTAR |
| | | KLJ4009 | | HL4005 | \$S8100 SEALANT |
| ELECTRICAL BUS DUCT | CAJ6003 | CAJ6003 | | | PEN300 SILICONE |
| | CAJ6008 | CAJ6008 | | HL6001 | \$S8100 SEALANT |
| MAX. 3" CABLE BUNDLES | CAJ3154 | KLJ3022 | | HL3076 | \$S8100 SEALANT |

NOTES:

1. ALL U.L. LISTED SYSTEMS SHOWN ABOVE ARE BASED ON PROVIDING A 1 & 2 HOUR RATED FIRESTOP. WHERE 3 HOUR RATING IS REQUIRED, CONTACT FIRESTOP PRODUCT MANUFACTURER FOR DESIGN MODIFICATIONS.
2. ALL U.L. LISTED SYSTEMS SHOWN ABOVE ARE BASED ON "SpecSeal Firestop" PRODUCTS FROM SPECIFIED TECHNOLOGIES, INC. OR APPROVED EQUAL PRODUCTS FROM "3-M" OR HILTI, INC.

FIRE PENETRATION SCHEDULE

| SYMBOL | DESCRIPTION | MANUFACTURER & MODEL NUMBER | REMARKS |
|--------|------------------------------------|--|---------|
| | SINGLE RECEPT. W/ COVERPLATE | 20 AMP, 120 VOLT, SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | DUPLEX RECEPT. W/ COVERPLATE | 20 AMP, 120 VOLT, SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | QUAD RECEPT. W/ COVERPLATE | 20 AMP, 120 VOLT, SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | DUPLEX RECEPT. W/ COVERPLATE | 20 AMP, 120 VOLT, GROUND FAULT CIRCUIT INTERRUPTER, SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | DUPLEX RECEPT. W/ COVERPLATE | 20 AMP, 120 VOLT, CEILING MOUNTED, SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | TELEPHONE OUTLET | RJ4C TELEPHONE JACK IN SALES AND NON-SALES AREA. SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | DATA/ TELEPHONE OUTLET | SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | DATA OUTLET | SEE PLANS AND SPECIFICATIONS FOR COLOR OF DEVICE AND COVERPLATE. | |
| | JUNCTION BOX | JUNCTION BOX, 4" X 4" X 2 1/8" DEEP MINIMUM | |
| | MAGNETIC STARTER | FULL VOLTAGE STARTER IN A NEMA 1 ENCLOSURE, SIZE 1 MINIMUM | |
| | DISCONNECT SWITCH | HEAVY DUTY, FUSIBLE AND NON-FUSIBLE | |
| | DELIVERY BUZZER TRANSFORMER | TRANSFORMER AT 0'-0" A.F.F. | |
| | DELIVERY BUZZER | SEE FLOOR PLAN FOR MOUNTING HEIGHT | |
| | DELIVERY BUZZER PUSHBUTTON | PUSH BUTTON UNIT AT 48" A.F.F. | |
| | CEILING SMOKE DETECTOR | SYSTEM CONNECTED CEILING MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR | |
| | DUCT SMOKE DETECTOR | SYSTEM CONNECTED DUCT MOUNTED PHOTOELECTRIC TYPE SMOKE DETECTOR COMPLETE WITH SAMPLING TUBES | |
| | SINGLE PHASE MOTOR | | |
| | THREE PHASE MOTOR | | |
| | TRAFFIC COUNTER | | |
| | DUPLEX FLOOR RECEPT. W/ COVERPLATE | 20 AMP, 120 VOLT FLOOR BOX - ONE GANG BOX: B2141; LID: 53825 | |
| | FLOOR PHONE/DATA W/ COVERPLATE | | |
| | THRUST-LOCK RECEPTACLE | DREAMSTEAMER - (FURNISHED BY ESD&C) | |
| | DOOR CONTACT, BURGLAR ALARM | INSTALLED AT ALL EXIT DOORS, INCLUDING ROLLING GRILLES. | |
| | MOTION DETECT, BURGLAR ALARM | INSTALLED AT ALL EXIT DOORS, NONSALES/SALES DOOR, CASHWRAPS. | |
| | KEYPAD, BURGLAR ALARM | INSTALLED AT NONSALES/SALES DOOR AND DESIGNATED ENTRY DOOR. | |
| | GLASS BREAK SENSOR | INSTALLED AT ALL EXTERIOR STOREFRONT GLASS | |
| | CLOSED CIRCUIT TV | | |
| | BURGLAR ALARM PANEL | | |
| | REMOTE ANNUNCIATOR TEST STATION | REMOTE ANNUNCIATOR TEST STATION FOR DUCT MOUNTED SMOKE DETECTOR IN HVAC DUCT WORK | |
| | FIRE ALARM CONTROL PANEL | | |
| | FIRE ALARM BOOSTER PANEL | | |
| | SENSOR | SINGLE GANG BOX (2"x4") FOR SENSOR AT 48" A.F.F. WITH FACE FLUSH TO DRYWALL. | |
| | THERMOSTAT | SINGLE GANG BOX (2"x4") FOR THERMOSTAT AT 48" A.F.F. WITH FACE FLUSH TO DRYWALL. | |
| | ELECTRONICALLY OPERATED DAMPER | REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS. | |
| | RELOCATED CEILING MOUNTED EXISTING | | |

NOTE:

1. ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT. SHOWN FOR REFERENCE ONLY.
2. ALL POWER, TELEPHONE, DATA DEVICES AND COVERPLATES COLOR SHALL MATCH THE WALL COLOR THAT THEY ARE INSTALLED IN. SEE ARCHITECTURAL SHEETS A05 SERIES FOR ACTUAL WALL COLOR.

a. BLACK WALLS SHALL RECEIVE BLACK DEVICES AND COVERPLATES.

b. WHITE WALLS SHALL RECEIVE WHITE DEVICES AND COVERPLATES.

c. TAUPe WALLS SHALL RECEIVE GRAY DEVICES AND COVERPLATES.

d. ALL DEVICES IN NON-SALES SHALL RECEIVE WHITE DEVICES AND COVERPLATES.

| ITEM | FURNISHED BY | | INSTALLED OR PERFORMED BY | | RE-USE EXIST | N/A | REMARKS |
|--|--------------|--------|---------------------------|-----------|--------------|-----|--|
| | LAND LORD | CONTR. | ESDC VENDOR | LAND LORD | | | |
| ELECTRICAL SERVICE / DISTRIBUTION | | | | | | | |
| MAIN OVER CURRENT DEVICE | | EC | | EC | | | FIELD VERIFY PRIOR TO BID |
| METER IN LANDLORD'S OR TENANT'S SPACE - VERIFY W/ POWER PLANS, RISER | | EC | | EC | | | FIELD VERIFY PRIOR TO BID |
| CT AND CABINET IN LANDLORD OR TENANT SPACE -VERIFY W/ POWER PLANS, RISER | | | | | | ● | |
| SERVICE ENTRANCE CONDUIT(S) TO LEASE SPACE | LL | | LL | | | | FIELD VERIFY PRIOR TO BID. |
| SERVICE ENTRANCE FEEDER(S) TO LEASE SPACE | | EC | | EC | | | FIELD VERIFY PRIOR TO BID |
| 1" S. ENCLOSURE (SWITCHGEAR ASSEMBLY) | | | IF | EC | | | FIELD VERIFY PRIOR TO BID |
| 277/480 VOLT PANEL | | | IF | | IF | | |
| STEP DOWN LINE TRANSFORMER & MOUNTING ACCESSORIES | | | IF | | IF | | INSTALLED IN FACTORY |
| 120/208 VOLT PANEL(S) | | | IF | | IF | | INSTALLED IN FACTORY |
| SMART BREAKER SYSTEM FOR LIGHTING CONTROL | | | IF | | IF | | INSTALLED IN FACTORY |
| LIGHTING CONTROLLER WITH POWER SUPPLY AND OVERRIDE STATION | | | EMS | | IF | | INSTALLED IN FACTORY |
| BREAKER LOCKS | | | IF | | IF | | AS DESIGNED BY ENGINEER AND REQUIRED BY CODE |
| MECHANICAL / PLUMBING EQUIPMENT COORDINATION | | | | | | | |
| POWER WIRING AND CONDUIT / PULL STRING TO ALL HVAC EQUIPMENT | | EC | | EC | | | |
| HVAC UNIT - DISCONNECT SWITCH | | | AC | EC | AC | | FACTORY INSTALLED, WIRED BY EC. |
| HVAC UNIT - WEATHERPROOF GFI SERVICE REC. | | | AC | EC | | | FACTORY INSTALLED, WIRED BY EC. |
| TOILET EXHAUST FANS (FRACTIONAL HP) WITH DISCONNECT SWITCH | | | LD | MC | | | MC INSTALLED, WIRED BY EC. |
| ELECTRIC CONTROL DAMPERS | | EC | | EC | | | |
| DISCONNECT SWITCH | | | | | | | |
| DUCT HEATERS | | | | | | ● | |
| LOW VOLTAGE SYSTEMS | | | | | | | |
| BURGLAR / SECURITY SYSTEM - HARDWARE | | | SSV | SC | | | |
| BURGLAR / SECURITY SYSTEM - WIRE | | | SSV | EC | | | |
| BURGLAR / SECURITY SYSTEM - CONDUIT / PULL STRING | | EC | | EC | | | REQUIRED IN ALL HARD CEILING APPLICATIONS AND IF REQUIRED BY AHJ OR LL |
| CCTV / ALARM SYSTEM - HARDWARE | | | SSV | SC | | | |
| CCTV / ALARM SYSTEM - WIRE | | | SSV | SC | | | |
| CCTV / ALARM SYSTEM - CONDUIT / PULL STRING | | EC | | EC | | | REQUIRED IN ALL HARD CEILING APPLICATIONS AND IF REQUIRED BY AHJ OR LL |
| MUSIC SYSTEM - HARDWARE (SPEAKERS / CD PLAYER) | | | MS | EC | | | |
| MUSIC SYSTEM - WIRE | | EC | | EC | | | |
| MUSIC SYSTEM - CONDUIT / PULL STRING | | EC | | EC | | | REQUIRED IN ALL HARD CEILING APPLICATIONS AND IF REQUIRED BY AHJ OR LL |
| DELIVERY BUZZER SYSTEM - HARDWARE | | | LD | EC | | | |
| DELIVERY BUZZER SYSTEM - WIRE | | EC | | EC | | | |
| DELIVERY BUZZER SYSTEM - CONDUIT / PULL STRING | | EC | | EC | | | |
| CHECKPOINT SYSTEM - HARDWARE | | | CV | EC | | | |
| CHECKPOINT SYSTEM - POWER WIRING AND CONDUIT / PULL STRING | | EC | | EC | | | REQUIRED IN ALL HARD CEILING APPLICATIONS AND IF REQUIRED BY AHJ, LL OR VENDER |
| MISCELLANEOUS ELECTRICAL ITEMS | | | | | | | |
| LIGHTING FIXTURES AND LAMPS | | | LD | EC | | | |
| LIGHTING SWITCHES, RECEPTACLES AND COVERPLATES | | | LD | EC | | | |
| FLOOR BOXES AND COVERS | | | | | | ● | |
| JUNCTION BOXES | | EC | | EC | | | |
| DATA AND TELEPHONE SYSTEMS - CABLE AND JACKS | | TEL | | TEL | | | |
| DATA AND TELEPHONE SYSTEMS - CONDUITS / PULL STRING | | EC | | EC | | | |
| TELEPHONE PANEL PROTECTION DURING CONSTRUCTION/ RELOCATION/ DEMOLITION | | GC | | GC | | | CALL ESD&C TO RELOCATE. DO NOT CUT WIRE |
| DUCT SMOKE DETECTOR | | FAC | AC | MC | | | WIRED BY EC |
| MECHANICAL EQUIPMENT SHUT-DOWN RELAY | | FAC | | FAC | | | WIRED BY FAC |
| FIRE ALARM SYSTEM | | FAC | | FAC | | | WIRED BY FAC |
| CASHWRAP - POWER WIRING AND CONDUIT / PULL STRING | | EC | | EC | | | |
| ROLLING GRILLE - POWER WIRING AND CONDUIT / PULL STRING | | | | | ● | | |
| DREAMSTEAMER - POWER WIRING AND CONDUIT / PULL STRING | | EC | | EC | | | RECEPTACLE BY LD |
| AS-BUILT DRAWINGS | | EC | | EC | | | |
| AC HVAC EQUIPMENT SUPPLIER AHJ AUTHORITY HAVING JURISDICTION CV CHECKPOINT VENDOR EC ELECTRICAL CONTRACTOR EMS ENERGY MANAGEMENT SYSTEM VENDOR | | | | | | | |
| ESDC EXPRESS STORE DESIGN & CONST. FAC FIRE ALARM CONTRACTOR GC GENERAL CONTRACTOR IF IFS SUPPLIER LD LIGHTING PACKAGE DISTRIBUTOR | | | | | | | |
| LL LANDLORD MC MECHANICAL CONTRACTOR MS MUSIC SYSTEM VENDOR PS PLUMBING CONTRACTOR PS PAGING SYSTEM VENDOR | | | | | | | |
| RC RF TECHNOLOGY CONTRACTOR RF RF TECHNOLOGY SYSTEM VENDOR SC SECURITY CONTRACTOR SSV SECURITY SYSTEM VENDOR TEL TELEPHONE CONTRACTOR | | | | | | | |
| ANY ITEM NOT SHOWN IS THE RESPONSIBILITY OF CONTRACTOR | | | | | | | |

POWER PLAN CONSTRUCTION NOTES

POWER SYMBOLS/REFERENCE SCHEDULE

ELECTRICAL RESPONSIBILITY SCHEDULE

EXPRESS

EXPRESS FASHION OPERATIONS, LLC
dlb/a STORE DESIGN & CONSTRUCTION
1 Express Drive Columbus, Ohio 43230
Telephone: 614.474.4001
Expresscom

712

EXPRESS
SPRINGFIELD TOWN CENTER
6847 SPRINGFIELD MALL
SPACE #NO. 1-22049
SPRINGFIELD, VA 22150

NEW PACKAGE: PKG. B
DG GENERATION: FALL 2014
94569 A/E PROJECT #: 130832

PROJECT INFORMATION:

REQUIRED BY: BUILDING DEPARTMENT
LANDLORD COMMENTS: 05/13/14
LANDLORD & DESIGNER COMMENTS: 05/09/14

REVISIONS:

DATE: 05/13/14
04/09/14
05/05/14

INDICATES NO REVISION TO THIS SHEET

M-Engineering
750 Brookside Blvd.
Westerville, Ohio 43081
phone: 614.839.4639
fax: 614.839.2222

ELITE CONSTRUCTION GROUP
LAKE JACKSON, TX
PHONE: 979-283-9712
NOTE: THESE PRINTS HAVE BEEN REDUCED BY 50 PERCENT SCALE WILL BE 50 PERCENT OF WHAT IS NOTED ON PLANS

02/14/14

DATE ISSUED: 02/14/2014
DESIGNED BY: CDH
DRAWN BY: CDH
CHECKED BY: DFG

ELECTRICAL SCHEDULES AND NOTES

DRAWING NUMBER: E01.2