

## GENERAL NOTES:

- ALL DEVICES, EQUIPMENT, LUMINAIRES, ETC., MUST BE GROUNDED BY USE OF A PROPERLY SIZED GROUNDING CONDUCTOR, MECHANICAL/ELECTRICAL BONDS OF THE METALLIC RACEWAY SYSTEM SHALL ALSO BE MAINTAINED.
- BRANCH CIRCUIT WIRE SIZES (AND CONDUITS) SHALL BE INCREASED FROM THOSE INDICATED ON THE PLANS TO PREVENT EXCESSIVE VOLTAGE DROP. BRANCH CIRCUITS SHALL BE INSTALLED WITH WIRES OF SUFFICIENT SIZE SO THAT VOLTAGE DROP BETWEEN THE PANEL AND THE LOADS DOES NOT EXCEED A LIMIT OF 3%.
- CIRCUITS MAY BE COMBINED IN CONDUIT PROVIDED WIRE IS PROPERLY DERATED AND CONDUIT SIZED PER CODE. UNDER NO CIRCUMSTANCES SHALL MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS BE RUN IN A SINGLE CONDUIT.
- ALL CONDUITS SHALL CONTAIN A GROUND WIRE SIZED PER NEC TABLE #250-122 WHERE CIRCUIT CONDUCTORS ARE INCREASED IN SIZE FOR VOLTAGE DROP. THE GROUND WIRE SIZE SHALL BE INCREASED PROPORTIONATELY (ACCORDING TO CIRCULAR MIL AREA) FROM THE SIZE REQUIRED BY NEC TABLE #250-122.
- EXPOSED CONDUITS, WHERE PERMITTED, SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO BUILDING STRUCTURAL MEMBERS.
- ALL DEVICE COVER PLATES SHALL BE WHITE UNLESS NOTED OTHERWISE.

## KEYED NOTE SCHEDULE

(REFER TO DRAWING E2.0 FOR NOTES BELOW, NOT ASSOCIATED WITH THIS PLAN)

- INTERLOCK EXHAUST FANS WITH LIGHTING CIRCUIT. PROVIDE OCCUPANCY SENSOR EQUAL TO SENSOR SWITCH "CM-9-RMP-20" TO CONTROL LIGHTS AND FAN. FAN SHALL BE CONTROLLED VIA 120V CONTACT AND LIGHTS SHALL BE CONTROLLED VIA RELAY. PROVIDE 120V CIRCUIT FOR FANS.
- PROVIDE WP DUPLEX RECEPTACLE W/ IN-USE COVER PLATE IN A CAST BOX MOUNTED TO SHADE STRUCTURE POST FOR MOBILE POS SYSTEM.
- PROVIDE POWER POLES FROM SALES COUNTERTOPS TO CEILING STRUCTURE. SPECIFY RELOC WP2-186-H/18-H/9" OR EQUIVALENT. REFER TO OFFICIAL TSC FUTURE PLAN LAYOUT SENT FROM TSC TO GC FOR EXACT LOCATIONS. ATTACH POWER POLE TOP TO UN-STRUT AT BAR JOIST WITH A 1" CLAMP TO THE TOP OF THE POWER POLE AT THE BAR JOIST. LOOSEN THE 1" BOLT USED TO TIGHTEN THE CONNECTION TO THE POWER POLE SO THAT THE POWER POLE IS ABLE TO REMAIN IN POSITION AND THE ROOF CAN FLEX DURING EXPANSION AND CONTRACTION WITHOUT DAMAGING THE POWER POLE.
- RECEPTACLE FOR "STORE OPEN" AND "CUB CADET" SIGN MOUNTED IN CEILING AS SHOWN ON PLANS. INSTALL WITHIN 6" OF VERTICAL STOREFRONT. IN STORES WITH NO VESTIBULE, RECEPTACLE SHALL BE MOUNTED IN WALL ABOVE STOREFRONT GLASS.
- JUNCTION BOX PROVIDED BY ELECTRICAL CONTRACTOR FOR POWER DOORS.
- PROVIDE AN EDWARDS 55-40S DOOR BELL AND AN EDWARDS 592 TRANSFORMER AT TWO LOCATIONS SHOWN. PROVIDE AN EDWARDS 250 PUSHBUTTON TO CONTROL BOTH DOOR BELLS. PUSHBUTTON SHALL BE INSTALLED IN A WEATHERPROOF ENCLOSURE. TEST TO ASSURE WORKING SYSTEM. MOUNT TRANSFORMER AND BELL AT 14'-0" AFF.
- REFER TO POWER MATRIX AND FUSION CASHWRAP DETAIL FOR RECEPTACLE AND DATA OUTLET LOCATIONS AT REGISTER COUNTERS. TWO (2) RED RECEPTACLES PER COUNTER MAXIMUM. COORDINATE COUNTER LOCATIONS WITH FIXTURE DRAWINGS AND G.C.'S. THE OUTLET BOXES WILL BE PRE-INSTALLED IN CASEWORK.
- REFERENCE MECHANICAL SHEETS FOR HEATING AND VENTILATION PACKAGE.
- ALL RTUS AND AC UNITS SHALL HAVE 3/4" CONDUIT OR SEAL TIGHT INSTALLED FOR LV CABLE. ALL ROOFTOP EQUIPMENT CONNECTIONS SHALL BE MADE THROUGH THE UNIT ROOF CURB. ROOF PENETRATIONS ARE NOT ACCEPTABLE.
- PROVIDE EDWARDS 55-40S DOOR BELL AT CASH REGISTER AND CONNECT TO SYSTEM AS NECESSARY. COORDINATE WITH G.C. FOR EXACT LOCATION OF BELL.
- ALARM COMPANY SHALL PROVIDE NECESSARY HOOK UPS TO FAC. ALARM COMPANY SHALL ALSO PROVIDE COMPLETE FIRE ALARM SYSTEM AS REQUIRED BY AHI, ADA AND NATIONAL AND LOCAL CODES. REFER TO TELEPHONE BOARD DETAIL 6 ON SHEET E3.1.
- VERIFY A/C UNIT MANUFACTURER AND LOAD REQUIREMENTS. PROVIDE BRANCH CIRCUIT RATED FOR UNIT LOAD.
- REFER TO FUSION CASHWRAP DETAIL 3 ON SHEET E3.1 AND ARCHITECTURAL ELEVATIONS DETAILS FOR ADDITIONAL INFORMATION ON REGISTER AND DISPLAY COUNTERS.
- ALL CONDUIT TO RUN PARALLEL OR PERPENDICULAR TO STRUCTURE. HORIZONTAL CONDUIT SHALL BE NO LOWER THAN 15'-6".
- COORDINATE WITH SECURITY VENDOR FOR THEIR INSTALLATION OF FIRE ALARM AND SECURITY SYSTEMS PANELS. PROVIDE 120VOLT RED DUPLEX AND PHONE JACK. REFER TO SHEET E3.1 DETAIL 6 FOR PHONE BOARD INSTALLATION.
- PROVIDE RED RECEPTACLE IN POWER POLE FOR COMPUTER LOADS. REFER TO RECEIVING TABLE LAYOUT DETAIL 1 ON SHEET E3.1.
- COORDINATE ALL REQUIREMENTS OF BAIER WITH SUPPLIER. COORDINATE EXACT LOCATION WITH TSC FINAL FIXTURE PLANS. E.C. SHALL MAKE FINAL CONNECTION TO BAIER. LOCATE DISCONNECT WITHIN TEN FEET OF BAIER SUCH THAT IT DOES NOT INTERFERE WITH THE FINAL FIXTURE PLAN. BREAKER SIZE IS DETERMINED BY STORE VOLTAGE: 200-220V - 300 - 400/400V - 300.
- IF GFI OUTLETS ARE NOT INSTALLED, OUTLETS SHALL BE WIRED TO A GFI BREAKER. LABEL OUTLETS THAT ARE ON THE GFI BREAKER.
- CONDUITS SHALL NOT BE RUN EXPOSED OR SURFACE MOUNTED INSIDE THE DRESSING ROOM. ANY CONDUIT FOR EXTERIOR DEVICES SHALL BE RUN CONCEALED IN THE WALL. INTERIOR DRESSING ROOM WALLS TO BE CLEAR OF CONDUIT AND JUNCTION BOXES BELOW 96" ABOVE FINISHED FLOOR.
- NOT USED.
- J-BOX FOR POWER TO THE SERIES 800 POWER SUPPLY MOUNTED ABOVE THE CEILING IN LINE WITH THE HINGE SIDE OF THE DOOR. PROVIDE A 1/2" CONDUIT FROM THE POWER SUPPLY TO THE ELECTRIC POWER TRANSFER DEVICE (PT-6) OF THE DOOR FRAME. CONCEALED MORTISE MOUNT. PROVIDE TWO (2) 18 AWG WIRES FROM THE POWER SUPPLY TO THE POWER TRANSFER DEVICE AND INTO THE DOOR. CONTRACTOR TO COMPLETE WIRING AND CONNECTION OF THE DELAYED RIM EXIT DEVICE AFTER NEW DOOR AND RIM EXIT HARDWARE IS INSTALLED. REFER TO DETEX EXIT DEVICE DETAIL 4 ON SHEET E3.1. COORDINATE ALL REQUIREMENTS WITH SUPPLIER INSTALLER.
- LOCATE WP/GFI OUTLET 14" AS MEASURED FROM INSIDE CORNER OF WALL. EXPOSED CONDUIT FOR ELECTRICAL OUTLET SHALL BE ROUTED WITHIN 18" OF INTERIOR BUILDING CORNER.
- EXTERIOR OUTLET TO BE FLUSH MOUNTED IN WALL AT 36" AFF.
- 120 VOLT COMPRESSOR OUTLET LOCATED WITHIN 18" OF OVERHEAD DOOR.
- JUNCTION BOX FOR EXTERIOR BUILDING MOUNTED SIGN. COORDINATE EXACT LOCATION WITH GENERAL CONTRACTOR AND SIGN SUPPLIER. PROVIDE DISCONNECTING MEANS FOR SIGN PER NEC.
- CONTRACTOR SHALL ROUTE CONDUIT FOR ELECTRICAL DEVICES LOCATED BELOW 96" AFF RECESSED IN THE WALL. CONDUIT MAY BE ROUTED EXPOSED ABOVE 96" AFF. PAINT TO MATCH WALL.
- QUADRAPLEX RECEPTACLE WALL MOUNTED AT 96" ABOVE FINISHED FLOOR FOR CORDLESS PHONE REPEATER. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH TSC CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- ALL CONDUITS INSTALLED IN THE STOCKROOM AREA SHALL BE INSTALLED AS TIGHT TO ROOF DECK AS POSSIBLE.
- DUPLEX RECEPTACLE INSTALLED AT 60" AFF TO CENTER OF RECEPTACLE FOR MICROWAVE.
- "CHICK DAVIS" OUTLET. INSTALL OUTLET TO BOTTOM OF JOIST AT DIMENSIONED LOCATION. VERIFY EXACT LOCATION WITH TSC FINAL FIXTURE PLAN. INSTALL CONTRACTOR PROVIDED POWER REEL CONNECTED TO OUTLET. POWER REEL SHALL BE HUBBELL #HBLC40123T.
- J-BOX FOR CONNECTION TO HAND DRYER. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT.
- QUADRAPLEX RECEPTACLE WALL MOUNTED AT 108" ABOVE FINISHED FLOOR FOR EAS. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH TSC CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- VERIFY EXACT LOCATION OF RECEPTACLES WITH FINAL FIXTURE PLAN. RECEPTACLES SHALL BE INSTALLED 100" ABOVE FINISHED FLOOR TO BOTTOM OF BOX.
- RECEPTACLE FOR FLOOR SCRUBBER. PROVIDE LABEL ABOVE RECEPTACLE STATING "OUTLET FOR FLOOR SCRUBBER ONLY". COORDINATE LOCATION WITH FINAL FIXTURE PLAN PRIOR TO ROUGH-IN.
- PROVIDE ELECTRICAL DROP FOR LED LIGHTING ASSOCIATED WITH FIXTURING. PROVIDE DUPLEX RECEPTACLE INSTALLED ON END OF CONDUIT DROP. RECEPTACLE SHALL BE INSTALLED AT TOP OF FIXTURE. REFER TO ELECTRICAL DROP DETAIL 2 ON DRAWING E3.1. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH TSC PROJECT MANAGER AND FINAL FIXTURE PLAN.
- RECEPTACLE FOR CHAINSAW POG. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH TSC CONSTRUCTION MANAGER AND FINAL FIXTURE PLAN.
- QUADRAPLEX RECEPTACLE MOUNTED AT 9'-6" AFF ON TV MOUNTING BRACKET. RECEPTACLE TO BE INSTALLED ON THE INSIDE OF ONE OF THE STEEL BRACKETS. CONTRACTOR SHALL RUN MC CABLE ON THE OUTSIDE OF THE STEEL SUSPENSION POLE AND SECURE TO THE POLE. LEAVE 16" OF SLACK MC CABLE COILED AT THE BAR JOIST FOR POSSIBLE FUTURE RELOCATION. COORDINATE EXACT LOCATION WITH FINAL FIXTURE PLAN AND TSC CONSTRUCTION MANAGER. REFER TO CASHWRAP TV ELEVATION DETAIL 7 ON SHEET E3.1.
- REFER TO ARCHITECTURAL ELEVATIONS OF STOREFRONT FOR EXACT PLACEMENT OF DEVICES ON FRONT WALL.
- TWO POWER POLES MOUNTED BACK TO BACK. ONE FOR POWER WIRING AND ONE FOR LOW VOLTAGE WIRING. SECURE POWER POLES TO TOP OF COUNTER ON RIGHT CORNER BEHIND TSC COMPUTER. VERIFY EXACT LOCATION WITH TSC PROJECT MANAGER AND FINAL FIXTURE PLAN. REFER TO FUSION CASHWRAP DETAIL 3 ON SHEET E3.1.
- SPRING AND JAMB MOUNTING PADS TO BE FURNISHED AND INSTALLED BY GENERAL CONTRACTOR. FACTORY WIRED OPERATORS AND CONTROLS FOR OVERHEAD DOOR TO BE FURNISHED AND INSTALLED BY DH PACE (LOW VOLTAGE ONLY). ALL CONDUIT RACEWAYS, DISCONNECTS, ELECTRICAL BOXES, WIRING, AND CONNECTIONS ARE BY ELECTRICAL CONTRACTOR. DH PACE WILL LAND AND TERMINATE WIRING FOR LOW-VOLTAGE EQUIPMENT.
- REFER TO SHEET E3.2 FOR PROPANE DISPENSING SYSTEM DETAILS AND NOTES.
- PROVIDE J-BOX FOR IRRIGATION CONTROLS. PROVIDE 120V, 20A CIRCUIT TO POWER JUNCTION BOX. COORDINATE EXACT REQUIREMENTS WITH IRRIGATION SYSTEM VENDOR. PROVIDE LOW VOLTAGE / SECURITY WIRING. ROUTE CONDUITS OVERHEAD TO BOTTOM OF LIVE GOODS CENTER ROOF STRUCTURE WITH LIQUID-TIGHT NON-METALLIC CONDUIT, LESS THAN 6' LENGTH, TERMINATE WITH CLAMP AT UNDERSIDE OF STRUCTURE.
- PROVIDE 3/4" STUB FROM BUILDING INTO LIVE GOODS CENTER STRUCTURE BELOW EAVE FOR LOW VOLTAGE / SECURITY WIRING. ROUTE CONDUITS OVERHEAD TO BOTTOM OF LIVE GOODS CENTER ROOF STRUCTURE WITH LIQUID-TIGHT NON-METALLIC CONDUIT, LESS THAN 6' LENGTH, TERMINATE WITH CLAMP AT UNDERSIDE OF STRUCTURE.
- PROVIDE POWER FOR SLIDING GATE AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH GATE VENDOR. THE REAR GATE IS TO BE CONTROLLED BY AN INDUCTIVE LOOP DETECTOR AND HAVE A POST MOUNTED KEYPAD FOR MANUAL OVERRIDE. PROVIDE CONTROL WIRING AS REQUIRED PER VENDOR RECOMMENDATIONS.
- ROOF TOP UNIT FURNISHED WITH DUCT SMOKE DETECTORS IN THE RETURN AIR DUCTS. WIRED BY ELECTRICAL CONTRACTOR.
- ROOFTOP UNIT FURNISHED WITH GFI GFCI RECEPTACLE. WIRED BY ELECTRICAL CONTRACTOR.
- ENERGY CODE REQUIRED CONTROLLED RECEPTACLES. PROVIDE CIRCUITING ROUTED THROUGH TIMELOCK FOR CONTROLLED OPERATION OF RECEPTACLES IDENTIFIED BY THE SYMBOL "C" AS SHOWN.

REFER TO SHEET E4.1 FOR DETAILS ASSOCIATED WITH THIS SHEET

PROVIDE FEEDBACK LOOP UNDERGROUND FOR GATE OPERATOR

OVERIDE SWITCH FOR POWER DOOR SUPPLIED AND INSTALLED BY DOOR VENDOR. MOUNT ON THE SAME SIDE AS THE DOOR CONTROLS. LABEL SWITCH: SWITCH CLOSED=ON=TIMER, SWITCH OPEN=OFF=OVERIDE

PROVIDE J-BOX FOR OVERHEAD DOOR POWER AND CONTROLS

FOR FORKLIFT BATTERY CHARGER

PROVIDE REMOTE TRANSMITTER TO BE MOUNTED ON OWNER FORKLIFT FOR POWER DOOR

POWER PLAN  
SCALE: 1/8"=1'-0"