ROUGH-IN NOTES DEMOLITION NOTES **GENERAL NOTES** $LEGEND \ \ (\text{NOT ALL SYMBOLS ARE USED WITHIN THIS SET OF DRAWINGS)}$ IN EVERY INSTANCE OF DEMOLITION AND/OR REMODELING, THE ELECTRICAL CONTRACTOR SHALL FIGURE A COMPLETE JOB AS NONE OTHER SHALL BE ACCEPTED. ALL ELECTRICAL OUTLETS SHOWN ON SHEET E2.0 ARE FOR FIXTURES AND EQUIPMENT SPECIFIED AS FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR, JULIESS OTHERWISE NOTED. FOR ANY ADDITIONAL CONVENIENCE OUTLETS, SEE OTHER LIGHTING ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC. EXIT LIGHT (HATCHING DENOTES FACE) SEE LUMINAIRE SCHEDULE E1.0 FOR INFORMATION. THE DRAWINGS ARE TO BE USED ONLY AS A GUIDELINE FOR DEMOLITION. THE ELECTRICAL CONTRACTOR MUST VISIT THE SITE PRIOR TO BIDDING TO VERIFY ALL WORK REQUIRED FOR A COMPLETE JOB & INCLUDE THE COST OF SUCH WORK IN HIS BID. ELECTRICAL DRAWINGS & REQUIREMENTS. SURFACE MOUNTED OR RECESSED EMERGENCY LIGHTING FIXTURE EXIT SIGNS AND EMERGENCY LIGHTS SHALL HAVE THEIR OWN SELF-CONTAINED STANDBY BATTERY POWER SUPPLY. IF LOCAL CODE REQUIRES A DIRECT TAP BEFORE ANY CIRCUIT BREAKERS THEN INCORPORATE INTO THE FEEDER DIAGRAM. ALL DIMENSIONS GIVEN ARE FROM COLUMN CENTERLINE AND/OR ROUGH WALLS. ELEVATIONS GIVEN ARE FROM FINISHED FLOOR TO CENTERLINE OF OUTLET. ALL 120Y OUTLETS NOT DESIGNATED WITH SPECIFIC LOADS, TO BE RATED AT 15 AMPS MINIMUM. SWITCH WITH PILOT LIGHT \$₩ MOTOR RATED SWITCH THE ELECTRICAL CONTRACTOR SHALL MAINTAIN EXISTING SERVICES TO & IN THE EXISTING AREA AS REQUIRED. PROVIDE EMERGENCY LIGHTING TO MEET THE REQUIRED FOOT CANDLE LEVEL PER LOCAL CODE. TOGGLE SWITCH ALL ROUGH-INS SHOWN ARE TO BE RUN INSIDE WALLS, (EXCEP THE ELECTRICAL CONTRACTOR SHALL DISCONNECT & REMOVE ELECTRIC SERVICE TO ALL MECHANICAL EQUIPMENT BEING REMOVED AS A RESULT OF THE REMODELING. STUB-UPS). LOCATIONS INDICATED POINT OF EXIT FROM WALLS, CEILING OR FLOOR. REFER TO KITCHEN EQUIP. DRAWINGS FOR REQUIREMENTS AND MOUNTING HEIGHTS. 69 OCCUPANCY SENSOR LUMINAIRES INSTALLED IN CONTINUOUS ROWS SHALL BE GROUNDED WITH A CONDUCTOR ROUTED FROM LUMINAIRE TO LUMINAIRE, MOUNTED TO EACH WITH GROUNDING LUG OR SCREW, ALICAING CLIPS ARE NOT ACCEPTABLE, LUMINAIRE GROUNDING SHALL BE INSTALLED IN COMPLIANCE WITH NATIONAL ELECTRICAL CODE, ARTICLE 410–21. ELECTRICIAN TO BRANCH TO CONNECTION WHERE REQUIRED AND TO CONNECT ALL ELECTRICAL EQUIPMENT AND FIXTURES AND INSTALL ANY INTERNAL WRING REQUIRED IN THE FIXTURES INCLUDING INTERWIRING TO APPLIANCES AS REQUIRED BY THE ELECTRICAL EQUIPMENT & DEVICES SHALL BE REMOVED COMPLETE INCLUDING CONDUIT & WIRE. **POWER** 0 SINGLE RECEPTACLE FLUSH MOUNTED WALL OUTLETS SHALL BE BLANKED-OFF WITH A COVERPLATE. COVERPLATE COLOR SHALL BE SELECTED BY DUPLEX RECEPTACLE • CEILING LIGHTS ARE TO BE WIRED TO THE BAR JOIST MEMBERS AT THE DIAGONAL CORNERS. SPECIFICATIONS AND/OR EQUIPMENT DRAWINGS. --QUADRUPLEX RECEPTACLE ELECTRICAL CONTRACTOR TO VERIFY ELECTRICAL REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT AND MAKE ADJUSTMENTS AS REQUIRED BEFORE ELECTRICAL ROUGH—INS. ANY EXISTING CONDUIT, WIRING AND/OR ELECTRICAL & MECHANICAL DEVICES BEING DISTURBED BY THE WORK SHAREWORKED BY THIS CONTRACTOR AS REQUIRED TO RETURN ITS FORMER EXISTING OPERATING CONDITION. COORDINATE LIGHTING WITH SPRINKLER & MECHANICAL DRAWINGS. CEILING MOUNTED RECEPTACLE • REFERENCE TO HEIGHT OF OUTLET OR RECEPTACLE SHALL BE MEASURED FROM FINISHED FLOOR TO CENTER OF OUTLET OR RECEPTACLE. SHADING IN RECEPTACLE DENOTES ABOVE COUNTER ALL KITCHEN AND FOOD PREP. ELECTRICAL OUTLET COVER PLATES ARE TO BE STAINLESS STEEL. THOSE REQUIRED IN BUILDING STRUCTURE ARE TO BE FURNISHED BY THE ELECTRICIAN, WITH RECEPTACLE. ALL MAIN BREAKER PANELS AND DISCONNECT SWITCHES REQUIRED BY OTHER ELECTRICAL DRAWINGS ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AT TIME OF INSTALLATION. SPECIAL PURPOSE RECEPTACLE (AS NOTED) ANY CIRCUITS FEEDING THROUGH DEVICES OR EQUIPMENT BEING RELOCATED, REWORKED, OR ABANDONED & SERVING OTHER ELECTRICAL DEVICES, AND/OR EQUIPMENT SHALL BE MAINTAINED TELEPHONE OUTLET ALL RECEPTACLES SHALL BE GROUNDING TYPE ∇ DATA OUTLET . ALL RECEPTACLES AND SWITCHES SHALL HAVE TWO (2) REVOLUTIONS OF ELECTRICAL TAPE (SCOTCH 33+) OVER ALL THE TERMINALS, TO PREVENT ACCIDENTAL CONTACT WITH THE JUNCTION BOX OR OUTLET BOX. BY PROVIDING J-BOXES OR OTHER ACCEPTABLE METHOD AS V VOICE/DATA COMBINATION OUTLET UNLESS OTHERWISE INDICATED THE ELECTRICAL LOADS SPECIFIED ARE THE CONNECTED LOADS, FUSE OR CIRCUIT BREAKER SIZE TO BE DETERMINED ACCORDINGLY, BASED UPON APPLICABLE CODE REQUIREMENTS. OMISSIONS OR ERRORS IN THE SCHEDULE DO NOT RELIEVE ELECTRICAL CONTRACTOR FROM COMPLETE AND CORRECT FINAL CONNECTION RESPONSIBILITY, REVIEW OF EQUIPMENT BROCHURE BOOK AND SHOP DRAWINGS WILL ASSURE CORRECTNESS OF THIS WORK. 0 ALL WALLS, CEILINGS, FLOORS, ETC., BEING DISTURBED BY THE WORK SHALL BE RETURNED TO FINISHED CONDITIONS TO MATCH EXISTING BY THE FLECTRICAL CONTRACTOR & HE SHALL DO HIS OWN CUTTING & PATCHING AS NECESSARY UNDER HIS CONTRACT. JUNCTION BOX SYMBOL IN SQUARE DENOTES FLOORMOUNTED CONDUIT SIZE TO BE PER NEC. PVC CONDUIT AND FITTINGS ARE ACCEPTABLE ONLY BELOW SUBBASE MATERIAL OF GROUND BEARING FLOOR SLABS WHERE SUCH USE IS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. α MOTOR, FAN, PUMP OR AIR CONDITIONING UNIT EXISTING MATERIALS SHALL BE TURNED OVER TO THE OWNER. IF NOT REQUIRED BY OWNER, THE ELECTRICAL CONTRACTOR SHALL REMOVE THESE MATERIALS FROM THE PREMISES. PANELBOARD 2. CONDUIT SHALL BE ELECTRICAL METALLIC TUBING (EMT), RIGID STEEL (SIZE PER NEC), OR MC CABLE WHERE ALLOWED BY CODE. WHERE MC CABLE IS USED, PROPER SECUREMENT AND SUPPORT (AT INTERVALS NOT EXCEEDING 6 FEET) SHALL BE FOLLOWED PER NEC ART. 330. FUSIBLE DISCONNECT SWITCH (RATING AS NOTED) NO CONDUIT, BOXES, WIRING, OR CABLES SHALL BE INSTALLED WITHIN 1 1/2" OF THE LOWEST POINT OF THE UNDERSIDE OF THE ROOF DECKING, NOR SHALL THEY BE INSTALLED CONCEALED WITHIN METAL—CORRUGATED ROOF DECKING. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT, BOXES, WRING, AND CABLING THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL SWITCHES, STARTERS, DISCONNECTS, ETC. FOR ALL EQUIPMENT UNLESS NOTED OTHERWISE. ALL DISCONNECTS OR LOCK-OUT DEWICES, STARTERS, ETC. TO MEET N.E.C. AND O.S.H.A. STANDARDS NON-FUSIBLE DISCONNECT SWITCH FIRE ALARM F FIRE ALARM PULL STATION NOM. 42" A.F.F. PER ADA ELECTRICAL CONTRACTOR TO PROVIDE JUNCTION BOX AND CONDUIT STUB—UP ABOVE CEILING FOR ALL LOW VOLTAGE CABLING. Ճ FIRE ALARM AUDIO/VISUAL STATION 80" A.F.F. PER ADA RECEPTACLES SHALL BE GROUNDED PER N.E.C. AND O.S.H.A. AND TO HAVE NO GROUND FAULT PROTECTION, EXCEPT WHEN OUTLET OCCURS WITHIN 6"-0" OF A SINK, RECEPTACLES WITHIN KITCHEN, AND PREP. AREAS SHALL HAVE GROUND FAULT ALL CONDUIT AND CABLING SHALL BE PROPERLY SUPPORTED AS REQUIRED BY THE NATIONAL ELECTRICAL CODE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AND/OR REWORK EXISTING CONDUIT AND/OR CABLING THAT IS NOT IN COMPLIANCE WITH THIS REQUIREMENT. DIMENSION IS FROM FINISHED WALL, SEE ARCHITECTURAL FOR WALL THICKNESS. × FIRE ALARM VISUAL STATION 80" A.F.F. PER ADA 占 PROTECTION (GFCI). ELECTRICAL CONTRACTOR TO PROVIDE CONTROL WIRING AND ELECTRICAL SERVICE FOR REMOTE REFRIGERATION SYSTEMS FOR WALK-IN BOXES, ALSO COORDINATE LOCATION FOR SERVICE WITH THE ELECTRICAL ENGINEER. ₽RI REMOTE INDICATOR LIGHT/TEST SWITCH FOR DUCESMOKE DETECTORS GHTS AND TEST COORDINATE WITH OTHER DISCIPLINES FOR FLECTRICAL DUCT SMOKE DETECTOR WITH INDICATOR **—**(§) REQUIREMENTS OF EQUIPMENT NOT SHOWN ON DETAILS (i.e ROOF-TOP UNITS, UNIT HEATERS, FANS, ETC.). ELECTRICAL CONTRACTOR TO PROVIDE WRAP AROUND HEATER CABLE ON ALL EVAPORATOR DRAIN LINES IN WALK-IN FREEZERS. SMOKE DETECTO EC SHALL VERIFY IN FIELD ALL KITCHEN EQUIPMENT CONNECTIONS AND REQUIREMENTS PRIOR TO ROUGH—IN AND INSTALLATION OF DEVICES. VERIFY ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH FOOD SERVICE CONTRACTOR. EC SHALL MAKE ADJUSTMENTS IN FIELD TO MATCH ACTUAL EQUIPMENT BEING INSTALLED, AS DIRECTED BY THE FOOD SERVICE CONTRACTOR. **(5)** FLOW S ELECTRICAL CONTRACTOR TO INSTALL ALL LIGHTS IN WALK-IN COOLER/FREEZER AS REQUIRED, THRU DOOR SWITCH ALL THREE (3) PHASE POWER CONNECTIONS TO BE ON A FOUR (4) WRE SYSTEM, AND ALL SINGLE (1) PHASE POWER CONNECTIONS TO BE ON A THREE (3) WRE SYSTEM, UNLESS SPECIFIED OTHERWISE. CONTRACTOR IS REQUIRED TO INSTALL STANDARD RECEPTACLES FOR CIRCUITS DEDICATED TO SPECIFIC EQUIPMENT. SUBJECT TO THE APPROVAL OF CODE ENFORCING AGENCY. ALL WORK, RELATING TO THE INSTALLATION & HOOKUP OF THE SPECIFIED EQUIPMENT, IS TO BE MEET WITH ALL OTHER GOVERNMENTAL REGULATORY REQUIREMENTS. ALL 125V, SINGLE PHASE 15 AMP AND 20 AMP RATED RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED IN NOTE! AFF INISHED FLOOR ALL WIRING LAYOUTS, PIPING LAYOUTS AND DUCT LAYOUTS ARE SCHEMATIC. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONSTRUCTION AND STRUCTURE OF THE BUILDING AND SHALL BE VERHIED AND COORDINATED IN THE FIELD. EACH TRADE CONTRACTOR SHALL VERIFY WITH THE GENERAL CONTRACTOR THAT HE HAS THOROUGHLY REVIEWED AND COORDINATED ALL LOCATIONS AND ROUTINGS WITH ALL OTHER TRADES PIRIOR TO FABRICATION OF CONDUITS, DUCTS, OR PIPING AND START OF INSTALLATION OF SAME (INCLUDING SPRINKLER PIPING WHEN PRESENT ON JOB). ANY INSTALLATION OR CONSTRUCTION CONFLICTS WHICH OCCUR IN THE FIELD SHALL BE RESOLVED BY THE TRADE CONTRACTOR. THE SATISFACTION OF THE OWNER AND ARCHITECT AND AT NO EXPENSE NEC.ART 210.8 (B)(1) - (8) SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION. ELECTRICAL CONTRACTOR IS REQUIRED TO UNO UNLES NOTED OTHERWISE ALL ELECTRICAL COMPONENTS NECESSAR TO LOCATIONS & EQUIPMENT SHOWN ON NOTED OTHERWISE. ELECTRICAL CONTRAC RESPONSIBLE FOR MAKING FINAL CONNECT GFI GROUND FAULT INTERRUPT SERVICE CONDUCTORS ARE DESIGNED BASED ON THE SERVICE ON CENTER DISTANCE OF 100' TO MEET THE 2% VOLTAGE DROP PER NEC. IF SERVICE CONDUCTOR IS BETWEEN: .. SELVINGE CONDUCTOR IS BETWEEN: 100' TO 150' - E.C. SHALL INCREASE THE CONDUCTOR BY ONE SIZE(S) LARGER THAN DESIGN EXISTING TO REMAIN SUPPLIED AND INSTALLED BY K.E.C PASSIVE INFRARED PROVIDE A 4"x4" POTLET BE AND OUTLETS WITH 150' TO 200' - E.C. SHALL INCREASE THE CONDUCTOR BY TWO SIZE(S) LARGER THAN DESIGN STANDARD MOUNTING HEIGHTS BLE CEILING WITH PU FOR EACH TE ET. ALL OUTLETS SHALL BE ARITY AND IN WORKING ORDER 200' TO 250' — E.C. SHALL INCREASE THE CONDUCTOR BY THREE SIZE(S) LARGER THAN DESIGN A.F.F (IN.) DESCRIPTION AS PART AN'S SCOPE AUDIBLE APPLIANCES TO THE OWNER, ARCHITECT AND/OR GENERAL CONTRACTOR. BRANCH CONDUCTORS ARE DESIGNED BASED ON A DISTANCE OF ALARMS SHEET E3.0 FOR CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST. 100' TO MEET THE 3% VOLTAGE DROP PER NEC. F BRANCH CONDUCTOR IS BETWEEN: ANNUNCIATOR PANELS IF BRANCH CONDUCTOR IS BETWEEN: 100' TO 150' — E.C. SHALL INCREASE THE CONDUCTOR BY ONE SIZE(S) LARGER THAN DESIGN 150' TO 200' — E.C. SHALL INCREASE THE CONDUCTOR BY TWO SIZE(S) LARGER THAN DESIGN 200' TO 250' — E.C. SHALL INCREASE THE CONDUCTOR BY THREE SIZE(S) LARGER THAN DESIGN CLOCK OUTLETS (CENTERLINE) WITH OWNER . CONTROLS (CENTERLINE) EXIT SIGNS (WALL MOUNTED, BOTTOM) BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE O FIRE ALARM ANNUNCIATOR PANEL (DISPLAY) BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLE) LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORD GOVERNING CODES, THE PLANS AND SPECIFICATIONS NO MITHSTANDING. THE CONTRACTOR SHALL ALERT ARC OR OWNER OF ANY APPARENT DISCREPANCIES BETWEE CODES AND DESIGN INTENT. E.C. IS TO VERIFY WITH LOCAL AHJ FOR REQUIREMENT OF EXTERIOR EMERGENCY EGRESS LIGHTING AND ADJUST BID TO INCORPORATE AS NEEDED. 120" FIRE ALARM BELL (EXTERIOR) OUT WALLS FOR ELECTRICAL AND PLUMBING AS NEEDED OR JIRED BY LANDLORD FOR ELECTRICAL AND PLUMBING 60" FIRE ALARM CONTROL PANEL/UNIT (DISPLAY) INTERCOM (AREA ONLY) ALC OF PANELS AND SERVICE ENTRANCE EQUIPMENT IS BASED . A.I.C OF PANELS AND SERVICE ENTRANCE EQUIPMENT IS BASED ON TYPICAL TRANSFORMER SPECIFICATIONS, FIELD VERIFY EXACT UTILITY A.I.C RATING AND MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED IN THE FIELD AT NO EXTRA COST TO OWNER. CONTRACTOR SHALL NOTIFY HORNER OF ANY FIELD CHANGES BASED ON UTILITY EQUIPMENT DATA. ELECTRICAL PLATES TO BE STAINLESS FINISH IN THE KITCHEN. INTERCOMS WHITE ON PAINTED 'YELLOW' WALLS IN FRONT OF HOUSE AND BROWN ON PAINTED 'BROWN' WALLS IN FRONT OF HOUSE. 72" PANELS/PANELBOARDS (TOP) 48" PULL STATIONS (HANDLE) 144" PHOTOCELLS RECEPTACLES (CENTERLINE) RECEPTACLES (EXTERIOR) 26" RECEPTACLES (GARAGES) RECEPTACLES IN FOUIPMENT ROOMS REMOTE INDICATING LIGHT (EQUIPMENT ROOMS) CEILING REMOTE INDICATING LIGHT (FINISHED AREAS) SAFETY SWITCHES STARTERS SWITCHES (CENTERLINE) TELEPHONES (PUBLIC) TELEPHONE DATA OUTLETS (CENTERLINE) TELEPHONE TERMINAL BOARD (BOTTOM) TELEVISION OUTLETS VISIBLE APPLIANCES (CENTERLINE)

O4.11.18 PERMIT SUBMIT O4.04.18 OWNER REVIEW NO DATE REMARKS REVISIONS

CREEKSIDE PLAZA 4110 N MT. JULIET RD. MT. JULIET, TN 37122

PROJECT NO: 2018.0044

DATE: 04.11.18

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ELECTRICAL LEGEND AND GENERAL NOTES

CHECKED: MFG DRAWN: SLB

INTERPLAN

ARCHITECTUR

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INTERIOR DESIGN

NDO, FLORIDA 3280 PH 407.645.500

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Engineering, Inc 1488 Bond Street, Suite 100 Noperville, Illinois 60563–6503 (P) 630.357.0540 (P) 630.357.01 ILLNOIS LICENSE NO. 184–00144 LEIL Comm. No. 24180016.006 COPYRIGHT © 2018

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