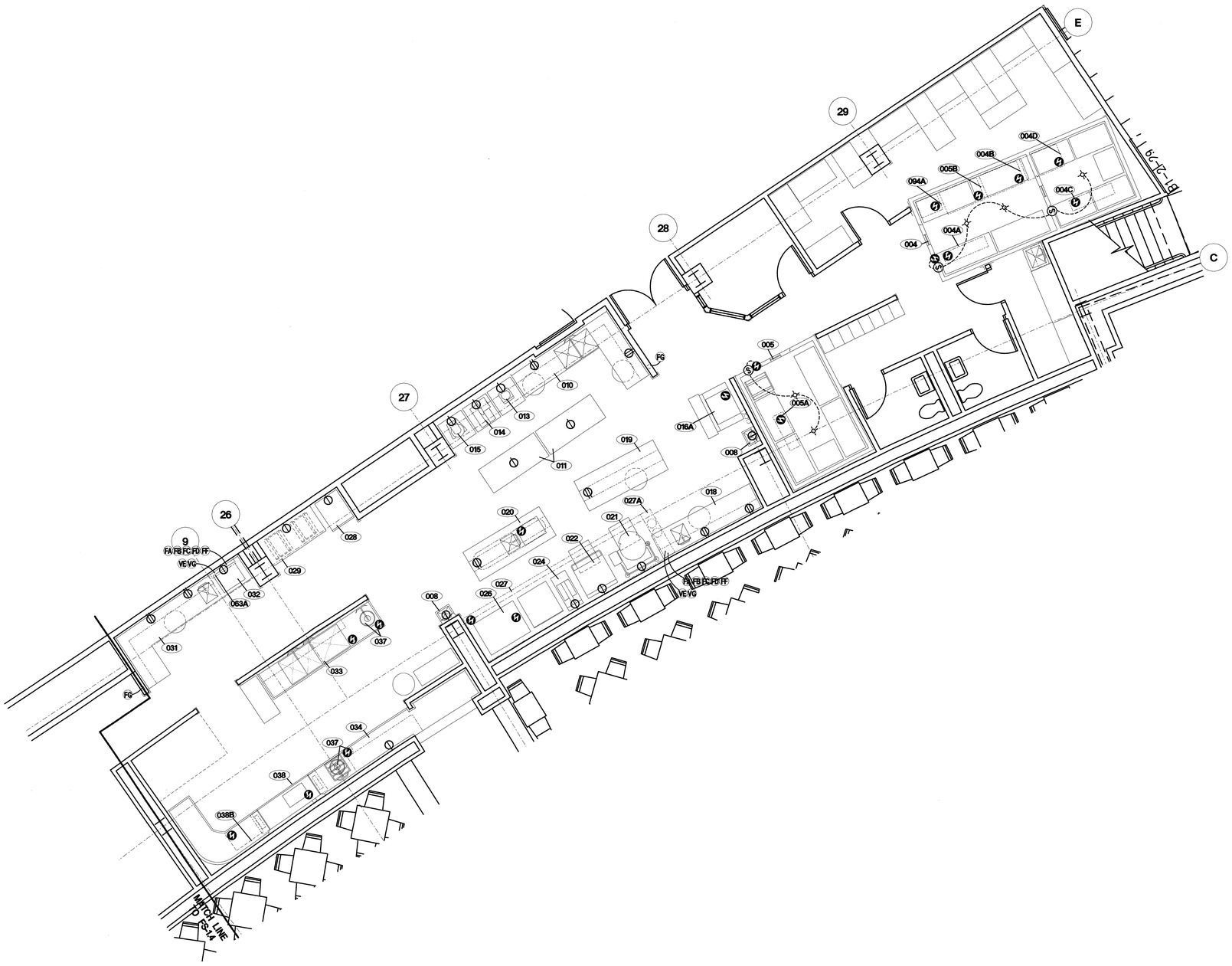

ELECTRICAL NOTES

WORK DESCRIBED IN THESE NOTES IS TO BE PERFORMED UNDER THE ELECTRICAL PORTION OF THE PROJECT SPECIFICATION.

1. *THIS DRAWING LOCATES FINAL ELECTRICAL POINTS OF CONNECTION FOR EACH FOODSERVICE EQUIPMENT ITEM. IT DOES NOT INDICATE UTILITY ROUGH-IN LOCATIONS. LOCATIONS, SIZES, AND HEIGHTS ABOVE THE FLOOR ARE APPROXIMATELY AS THEY WILL OCCUR ON THE EQUIPMENT ITEMS SHOWN. THE DESIGN OF SYSTEMS TO ACCOMMODATE THESE REQUIREMENTS IS TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND MEET WITH THE APPROVAL OF ALL GOVERNING AUTHORITIES.*
2. *UTILITIES SHOWN ARE FOR FOODSERVICE EQUIPMENT ITEMS ONLY. THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE ELECTRICAL DRAWINGS FOR OTHER REQUIRED UTILITIES.*
3. *CONCEAL ALL UTILITIES IN WALLS AND STUB-OUT OF WALLS AS REQUIRED FOR CONNECTIONS. DO NOT STUB OUT OF THE FLOOR AND/OR RUN EXPOSED ON THE FACE OF THE WALL.*
4. *EXPOSED CONDUIT TO BE STAINLESS STEEL OR CHROME-PLATED.*
5. *POWER TO ALL ELECTRICALLY OPERATED EQUIPMENT UNDER HOODS IS TO COME FROM THE PANEL WHERE THE MAIN BREAKER IS INTERWIRED WITH THE FIRE EXTINGUISHING SYSTEM SO THAT POWER SHUT-OFF IS ACHIEVED UPON EITHER MANUAL OR AUTOMATIC OPERATION OF THE FIRE EXTINGUISHING SYSTEM.*
6. *PROVIDE A FLUSH, EMPTY JUNCTION BOX AT EACH REMOTE FIRE CABLE PULL. PROVIDE CONDUIT CONCEALED IN WALL FROM JUNCTION BOX TO A POINT 6" (155mm) ABOVE FINISHED CEILING.*
7. *PROVIDE CONDUIT AND WIRING BETWEEN THE FUEL LINE SOLENOID SHUT-OFF VALVES, SHUNT TRIP BREAKERS, CONTACTORS, AND FIRE EXTINGUISHING SYSTEMS.*
8. *PROVIDE CONDUIT AND WIRING BETWEEN ELECTRIC DEFROST UNIT FREEZERS AND CONDENSING UNITS.*
9. *PROVIDE COMPUTER GRADE, CLEAN, ISOLATED GROUND SERVICE FOR POINT-OF-SALE (POS) EQUIPMENT AND/OR ELECTRONIC POS AND/OR CASH REGISTERS. PROVIDE EMPTY CONDUIT BETWEEN POS AND/OR CASH REGISTER LOCATIONS AND CENTRAL OFFICE LOCATION, ETC. VERIFY EXACT LOCATIONS.*
10. *NOT USED*

ELECTRICAL ABBREVIATIONS AND SYMBOLS		
SWITCH	SW	(S)
ELECTRICAL CONNECTION	EC	
JUNCTION BOX	JB	(J)
SINGLE RECEPTACLE	SR	
DUPLEX RECEPTACLE	DR	
DATA COMMUNICATIONS	DC	(D)
EMPTY JUNCTION BOX		
AMP	A	
KILOWATT	KW	
HORSEPOWER	HP	
VOLT	V	
PHASE	Ø	
ABOVE FINISHED FLOOR	AFF	
DOWN FROM ABOVE	DFA	

VENTILATOR NOTES (027)	
VA	NOT USED
VB	NOT USED
VC	NOT USED
VD	NOT USED
VE	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR CONTROL AND JB ON TOP OF VENTILATOR FOR THERMOSTAT AT DUCT COLLAR
VF	NOT USED
VG	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN WALL SWITCH AND JB ON TOP OF VENTILATOR FOR LIGHTS
VH	NOT USED

FIRE EXTINGUISHING SYSTEM NOTES (027A) (063A)	
FA	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND AUTOMAN RELEASE
FB	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND ELECTRICAL GAS SOLENOID SHUT-OFF VALVE
FC	WIRING IN CONDUIT BY ELECTRICAL TRADE TO SHUNT TRIP BREAKER LOCATED IN POWER PANEL SUPPLYING EQUIPMENT BENEATH VENTILATOR
FD	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND CONTACTORS SERVING EQUIPMENT BENEATH VENTILATOR
FE	NOT USED
FF	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND BUILDING FIRE ALARM SYSTEM AS REQUIRED
FG	FLUSH-MOUNT OCTAGONAL J-BOX, 48" AFF WITH 1/2" EMT TO 6" ABOVE CEILING BY ELECTRICAL TRADE FOR REMOTE CABLE PULL
FH	NOT USED

NOTE:
REFER TO SHEETS FS-3.1 THRU FS-3.3 FOR ELECTRICAL UTILITY LOAD SCHEDULE

NOTE: THIS DRAWING IS FOR INFORMATION AND BIDDING PURPOSES ONLY.

GENERAL CONTRACTOR SHALL COORDINATE WITH THE KITCHEN EQUIPMENT SUB-CONTRACTOR AND RELATED MECHANICAL, ELECTRICAL AND PLUMBING SUB-CONTRACTORS TO ESTABLISH FINAL SPOT CONNECTIONS LOCATIONS AND CONFIGURATIONS AS REQUIRED. THIS DRAWING SHALL NOT BE USED TO LOCATE ANY UTILITY CONNECTIONS IN THE FIELD OR TO LOCATE ANY ROUGH-IN, PENETRATION, OR OTHER REQUIREMENTS.

CINI• LITTLE INTERNATIONAL, INC.

AutoCAD
REQ. DATE: 01-26-01
REQ. SOURCE: FOODSERVICE
BY/DATE: JT 01-26-01

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NUMBER OF SECTION OR DETAIL
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN
SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 4
ENGINEERING PROCEDURE SNS-ENG-0001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
0				CERTIFIED FOR CONSTRUCTION - 05/15/2001	ADI	GB											RLB	102104	5/15/01

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

SC	AW	WRS	RL	WRS	BWJ	--	WRS	--	WAS
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

RPE	DSN	A. IAIA	5/15/2001
	DRW	G. BAGGOTT	5/15/2001
	CHK	A. IAIA	5/15/2001
	DEPT		
	PE		9/4/01
	PJ		9/31/01
	REQ		
	UTB		9/25/01

REGISTERED ARCHITECT ROBERT L. BARNES NO. 102104 STATE OF TENNESSEE

REV. DATE — DRAWING APPROVALS

SNS DRAWING NO. 108031400-K8E-8600-A008

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

CINI•LITTLE INTERNATIONAL, INC.
1950 NORTH ROSELLE ROAD, ST. 427
SCHAUMBURG, IL 60195
PHONE: (847) 781-1600
FAX: (847) 781-1611

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC, Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
FOODSERVICE EQUIPMENT ELECTRICAL SPOT CONNECTION PLAN

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	K	X	X	8	8600	B-1	1	1	L	U
51		52		53	WBS					REV
NC		NA		IN	1.8.3.14		K-2.4			0