SYMBOL LIST

SYMBOL	DESCRIPTION
○ A	INCANDESCANT OR HID LUMINARE LETTER INDICATES TYPE
B	FLUORESCENT LUMINARE LETTER INDICATES TYPE
——/——	NUMBER AND SIZE OF CONDUCTORS AND SIZE OF CONDUIT. 2#6,1#10G,¾"C. IS INTENDED UNLESS OTHERWISE NOTED
X1	EXIT SIGN,TYPE & MOUNTING AS SHOWN. PROVIDE ARROWS AS INDICATED.
——	FEEDER OR BRANCH CIRCUIT,ABOVE CEILING OR IN WALL
L1 / 6 / 30A/3P	HOME RUN TO PANEL L1,CIRCUIT #6, 30A-3P BREAKER. 20A-1P BREAKER IS INTENDED IF NOTATION IS NOT SHOWN.
—o	CONDUIT TURNED UP
—●	CONDUIT TURNED DOWN
◬	SPECIAL PURPOSE RECEPTACLE NEMA CONFIGURATION AS NOTED *

a-DUPLEX, NEMA 5-15R (I.G.)
b-(2) DUPLEX, NEMA 5-15R (I.G.)
c-SINGLE, NEMA L5-15R (I.G.)
d-SINGLE, NEMA L5-20R
e-SINGLE, NEMA 5-30R
f-SINGLE, NEMA L5-30R
g-SINGLE, NEMA L15-20R
h-SINGLE, NEMA L14-30R
j-SINGLE, NEMA 10-30R
k-(2) DUPLEX, NEMA L5-15R (I.G.)
m-SINGLE, NEMA L14-20R
n-SINGLE, NEMA 6-30R
p-DUPLEX, NEMA 5-20R (I.G.)
q-(2)DUPLEX, NEMA 5-20R (I.G.)
r-(2)DUPLEX, NEMA 5-20R
t-SINGLE, NEMA L6-15R (15A, 250V)
v-SINGLE, NEMA L6-20R (20A, 250V)
w-SINGLE, NEMA 14-30R (30A, 125/250V)
x-DUPLEX, NEMA 5-30R (30A, 125A)
y-SINGLE, NEMA L6-30R (30A, 250V)

⊙	OUTLET BOX W/ GROMMETED COVER PLATE FOR EPOS CABLE
■	OUTLET BOX W/ GROMMETED COVER PLATE FOR I.S. DATA CABLE
J	JUNCTION BOXES
	DISCONNECT- CIRCUIT BREAKER, FUSED SAFETY SWITCH OR NON-FUSED SAFETY SWITCH AS NOTED
	MOTOR STARTER- SIZE AS NOTED
	COMPENSATION MOTOR STARTER- SIZE AS NOTED
	LIGHTING OR POWER PANEL BOARD
	BATTERY OPERATED EMERGENCY LIGHT
	HOMERUN TO PANELBOARD, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS.
M.H	MANHOLE
H.H	HANDHOLE
	WIREMOLD

SYMBOL	DESCRIPTION
S	SINGLE POLE SWITCH
S_3 , S_4	3-WAY,AND 4-WAY SWITCHES
S_P	SWITCH WITH PILOT LIGHT
S_K	SINGLE POLE KEY SWITCH
S_D	DIMMER SWITCH,WALL TYPE. REFER TO SPECIFICATIONS.
SSS	SWITCHES GANGED TOGETHER
	DUPLEX RECEPTACLE- NEMA CONFIGURATION 5-20R WITH MOUNTING TYPE AS NOTED (*) BLANK-MT.18" A.F.F. X-MT. 48" A.F.F. Y-MT. 60" A.F.F. Z-MT. 72" A.F.F. C-CEILING MOUNTED
	FLOOR OUTLET, DUPLEX RECEPTACLE F-FLUSH S-SURFACE FLOOR FITTING
	FLOOR OUTLET, DUPLEX RECEPTACLE & COMPUTER (SEE ABOVE FOR TYPES)
2 2	MULTI-OUTLET STRIP, 12" ON CENTER
	FLOOR OUTLET, DUPLEX RECEPTACLE & TELEPHONE (SEE ABOVE FOR TYPE)
R	RANGE OUTLET

FIRE ALARM

F	MANUAL FIRE ALARM STATION
FH	FIRE ALARM HORN/STROBE
FS	FIRE ALARM STROBE ONLY
FHM	FIRE ALARM HORN/STROBE & MANUAL PULL STATION
FAP	FIRE ALARM PANEL
ANN	ANNUNCIATOR PANEL
	SMOKE DETECTOR
	DUCT DETECTOR

CLOCK

	CLOCK

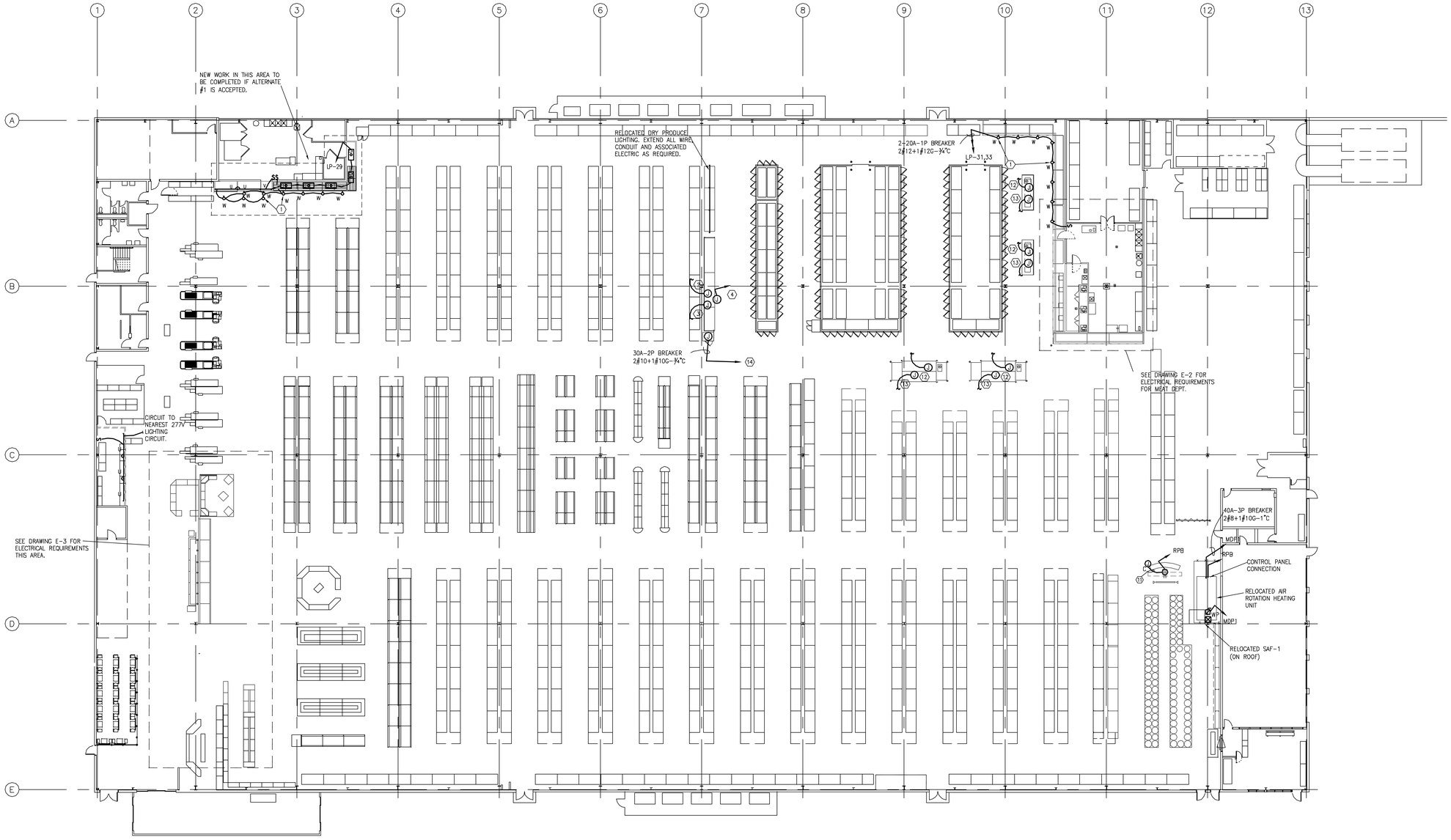
COMMUNICATION

	HORN TYPE SPEAKER
	CEILING RECESSED SPEAKER
	INFRARED DETECTOR
CI	CLASSROOM CALL-IN SWITCH
	INTERCOM STATION
	TELEPHONE OUTLET
	COMPUTER OUTLET
P	PHOTO-CONTROL
	TELEVISION OUTLET

ABBREVIATIONS

AC	ALTERNATING CURRENT
AMP	AMPERE
C	CONDUIT
CKT	CIRCUIT
CKT BRKR	CIRCUIT BREAKER
C. O	CONDUIT ONLY
DC	DIRECT CURRENT
DISC	DISCONNECT
EMT	ELECTRICAL METALLIC TUBING
F/A	FIRE ALARM
G or GND	GROUND
GFI	GROUND FAULT INTERRUPTER
HOA	HAND-OFF-AUTO
IC	INTERRUPTING CAPACITY
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
LTG	LIGHTING
MCB	MAIN CIRCUIT BREAKER
MDP	MAIN DISTRIBUTION PANEL
M.H	MOUNTING HEIGHT
MLO	MAIN LUGS ONLY
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OHD	OVERHEAD
P	POLE
P/A	PUBLIC ADDRESS
PB	PUSHBUTTON
PL	PILOT LIGHT
PNL	PANEL
STA	STATION
SWBD	SWITCHBOARD
TEL	TELEPHONE
U/G	UNDERGROUND
V	VOLTS
WP	WEATHERPROOF
XFMR	TRANSFORMER
XFR	TRANSFER
XP	EXPLOSIONPROOF
AFF	ABOVE FINISHED FLOOR
UON	UNLESS OTHERWISE NOTED

NOTE:
THESE ARE STANDARD SYMBOLS AND ABBREVIATIONS AND MAY NOT ALL APPEAR ON THE PROJECT DRAWINGS. HOWEVER, WHENEVER THE SYMBOL OR ABBREVIATION APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE FURNISHED, AND INSTALLED



ELECTRICAL FLOOR PLAN

SCALE: 1/16" = 1'-0"

LIGHTING FIXTURE SCHEDULE

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CEILING AND WALL CONSTRUCTION AND FINISHES WITH THE ARCHITECT'S DRAWINGS AND FINISH SCHEDULE. FIXTURES SHALL BE PROVIDED WITH PROPOER MOUNTING FRAMES, BRACKETS, AND HARDWARE AS REQUIRED TO BE COMPATIBLE WITH THE ARCHITECTUAL FINISHES.

FIXTURE						LAMPS			
TYPE	SYMBOL	DESCRIPTION	VOLTS	MANUFACTURER	CATALOG No.	No.	TYPE	WATTS	REMARKS
K		FLUORESCENT INDUSTRIAL VAPORTIGHT 8'-0" REINFORECED FIBERGLASS HOUSING, ACRYLIC LENS WET LOCATION LABELED, WATT MISER BALLAST FOR 2 LAMP	277	METALUX	VT2-296HO-DR-277-WL	2	F96T12/HO/SPX/ WM (3500K)	110	(1) OR EQUAL FURNISH FIXTURES WITH LOW TEMPERATURE BALLASTS
Q		SURFACE MOUNTED 4 LAMP FLUORESCENT W/ FLAT BOTTOM ACRYLIC PRISMATIC WRAP AROUND LENS, T8 LAMPS, ELECTRONIC BALLAST FOR 4 LAMPS	277	METALUX	WS-432A-277-EB81	4	F32T8/SPX (3500K)	32	(1) OR EQUAL
U		8'-0" SURFACE MOUNTED NARROW CHANNEL FLUORESCENT STRIP WITH ASSYMETRIC REFLECTOR	277	LITHONIA	SM SERIES	4	F32T8 (3500K)	62	(1) OR EQUAL (2) PROVIDE TUBE GUARD SLEEVES OVER LAMPS
V		SIMILAR TO FIXTURE TYPE "U" EXCEPT FOR 4'-0" IN LENGTH	277	LITHONIA	SM SERIES	4	F32T8 (3500K)	35	(1) OR EQUAL (2) PROVIDE TUBE GUARD SLEEVES OVER LAMPS
W		HID WALL BRACKETED SINGLE ANGLED REFLECTOR, WITH FULL HEAT/IMPACT RESISTANT PRISMATIC GLASS GLOBE, W/BALLAST MOUNTED IN EXTRUDED ENCLOSURE @ GOOSENECK BASE	277		BJ-14 SERIES	1	M.H. (MXR100/U/MED)	100	(1) FINISH OF FIXTURE, REFLECTOR BALLAST HOUSING, SHALL BE BJ's BAKERY RED (2) NO EQUAL
AC		RECESSED COMPACT FLUORESCENT WITH SEMI-SPECULAR CLEAR ANODIZED REFLECTOR, REGRESSED WHITE DOOR, PRISMATIC LENS	277	LITHONIA	LQF-3/26DTT-12RW-277-GEB10	3	26 DTT	26	LOCATED AT MEAT DEPT.

KEYED NOTES:

1. SEE ARCHITECTUAL ELEVATIONS, AB.1 FOR MOUNTING HEIGHTS FOR TYPE 'W' FIXTURE AT MEAT BULKHEAD.
2. RELOCATED CASE POWER FOR REFRIGERATED PRODUCE. EXTEND ALL WIRE, CONDUIT AND ASSOCIATED ELECTRIC. COORDINATE LOCATION OF CONDUIT WITH B.J.'s PRIOR TO ROUGH-IN.
3. RELOCATED CASE EMS CONTROL FOR REFRIGERATED PRODUCE. EXTEND ALL WIRE, CONDUIT AND ASSOCIATED ELECTRIC. COORDINATE LOCATION OF CONDUIT WITH B.J.'s PRIOR TO ROUGH-IN.
4. PROVIDE POWER FOR CONDESATE PUMP. BASIS OF DESIGN IS A ½ HP, 120 VOLT PUMP. CIRCUIT TO CLOSEST 120 VOLT PANEL. PROVIDE ALL REQUIRED ELECTRIC FOR A COMPLETE SYSTEM. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY WHICH 120 VOLT PANEL THE PUMPS CAN BE CIRCUITED TO.
5. PROVIDE A DROP CORD EACH SHALL CONSIST OF SUFFICIENT LENGTH, MIN. 20'-0", OF TYPE SJ CABLE EXTENDING FROM A CEILING MOUNTED JUNCTION BOX AT ONE END AND TERMINATING IN A JUNCTION BOX WITH ONE (1) DUPLEX RECEPTACLE AT THE OTHER END. MOUNT RECEPTACLE AT 5'-0". EACH CORD SHALL BE FITTED WITH "KELLUM" CABLE GRIPS CONNECTED TO EACH BOX AT BOTH ENDS, AND SUPPORTED FROM THE OVERHEAD BLDG STEEL. IF SJ CABLE IS ADJACENT TO RACK SECURE TO THE RACK, AS DIRECTED BY BJ'S REPRESENTATIVE. E.C. SHALL COORDINATE WITH B.J.'S REP. AS TO WHETHER DROP CORD IS REQUIRED AT RACKS INDICATED. WIRE TO NEAREST 120 VOLT CIRCUIT.
6. NOT USED.
7. NOT USED.
8. WIRING/CONDUIT AND/OR DEVICES CONCEALED IN CASEWORK.
9. DROP CORD, EACH CONSISTING OF SUFFICIENT LENGTH, MIN. 20'-0", OF TYPE SJ CABLE EXTENDING FROM A CEILING MOUNTED JUNCTION BOX AT ONE END AND TERMINATING IN AN OUTLET BOX W/(1) DUPLEX RECEPTACLE IN A SINGLE ENCLOSURE AT THE OTHER END. EACH CORD SHALL BE FITTED W/"KELLUM" CABLE GRIPS CONNECTED TO EACH BOX AT BOTH ENDS, AND SUPPORTED FROM THE OVERHEAD BUILDING STEEL.
10. TELEPHONE/DATA/POWER POLE FOR USE AT CHECKOUTS, CIGARETTES, PODIUM, OPTICAL, CELL PHONES AND JEWELRY DEPTS.
11. POWER DROP CORD SHALL CONSIST OF SUFFICIENT LENGTH, MIN. 20'-0" OF TYPE 'SJ' CABLE EXTENDING FROM A CEILING MOUNTED JUNCTION BOX AND TERMINATING IN A DEVICE BOX WITH (2) TWO DUPLEX RECEPTACLES. EACH END SHALL BE FITTED WITH "KELLUM" TYPE STRAIN RELIEFS. CABLES SHALL BE SUPPORTED FROM THE OVERHEAD BUILDING STEEL.
12. CASE POWER FOR REFRIGERATED CASE. PROVIDE 120 VOLT, 20A-1P CIRCUIT TO REFRIGERATION PANEL. PROVIDE ALL REQUIRED ELECTRIC FOR A COMPLETE SYSTEM. COORDINATE EXACT POWER REQUIREMENTS WITH B.J.'s REP. PRIOR TO ROUGH-IN.
13. CASE EMS CONTROL FOR REFRIGERATED CASE. PROVIDE 120 VOLT, 20A-1P CIRCUIT TO REFRIGERATION PANEL. PROVIDE ALL REQUIRED ELECTRIC FOR A COMPLETE SYSTEM. COORDINATE EXACT POWER REQUIREMENTS WITH B.J.'s REP. PRIOR TO ROUGH-IN.
14. FRUIT CASE POWER. CIRCUIT TO NEAREST AVAILABLE 208/120 VOLT PANEL. COORDINATE LOCATION WITH B.J.'s FIELD REP. PRIOR TO ROUGH-IN.

dal pos
DAL POS ARCHITECTS, LLC
101 N. CLINTON STREET, SUITE 300
SYRACUSE, NEW YORK 13202
TELEPHONE (315) 422-0221
FAX (315) 422-0776

PERMIT/BID SET
04/12/04

RENOVATIONS TO..
BJ'S WHOLESALE CLUB
PORTLAND, MAINE

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE AND PROMPTLY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES

REVISIONS

DRAWN BY:	GRB
CHECKED BY:	GRB
PROJ. NO.:	03014
DATE:	4/12/04
SCALE:	
TITLE:	

ELECTRICAL FLORR PLAN

E-1