PANEL D

VA	SERVICE	WIRE	MOPD	TYPE	CIR.	CIR.	TYPE	MOPD	WIRE	SERVICE	VA
–	SPACE ONLY	–	–	–	1	2	–	–	–	SPACE ONLY	–
–	EXISTING CIRCUIT	–	20/1	EXIST	3	4	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	5	6	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	7	8	–	–	–	SPACE ONLY	–
–	EXISTING CIRCUIT	–	20/1	EXIST	9	10	–	–	–	SPACE ONLY	–
–	EXISTING CIRCUIT	–	20/1	EXIST	11	12	–	–	–	SPACE ONLY	–
–	EXISTING CIRCUIT	–	20/1	EXIST	13	14	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	15	16	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	17	18	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPACE ONLY	–	–	–	19	20	–	–	–	SPACE ONLY	–
–	EXISTING CIRCUIT	–	20/1	EXIST	21	22	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	23	24	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPACE ONLY	–	–	–	25	26	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	27	28	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	29	30	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	31	32	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPACE ONLY	–	–	–	33	34	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	35	36	NEW	20/1	12	MEAT CASE – LTS (NEW BRKR–NOTE 1) (CC)	130
–	EXISTING CIRCUIT	–	20/1	EXIST	37	38	EXIST	20/1	–	EXISTING CIRCUIT	–
89	(CC) S/F CASE – LTS (NEW BRKR–NOTE 1)	12	20/1	NEW	39	40	NEW	20/1	10	DELI CASE – LTS (NEW BRKR–NOTE 1) (CC)	354
62	(CC) MEAT CASE – LTS (NEW BRKR–NOTE 1)	12	20/1	NEW	41	42	NEW	20/1	10	DELI CASE – LTS (NEW BRKR–NOTE 1) (CC)	27

LOCATION : BACKROOM
PANEL MOUNTING : SURFACE
SERVICE : 120/208V, 3PH, 4W
MAINS : 225 AMP MLO
TYPE: EXISTING
FED FROM PANEL "MDPC" (125A)

NOTES:
1. PROVIDE NEW BREAKER AS INDICATED IN EXISTING SPACE. TYPE AND AIC RATING TO MATCH EXISTING.
2. (CC) CONTACTOR CONTROLLED CIRCUIT

EXISTING DEMAND LOAD = 25,200 VA
NET LOAD ADDITION = 662 VA
TOTAL = 25,862 VA
(72 AMPS)

EXISTING PANEL

PANEL R1

VA	SERVICE	WIRE	MOPD	TYPE	CIR.	CIR.	TYPE	MOPD	WIRE	SERVICE	VA
–	SPACE ONLY	–	–	–	1	2	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	3	4	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	5	6	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	7	8	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	9	10	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	11	12	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	13	14	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	15	16	EXIST	20/1	–	EXISTING CIRCUIT	–
1920	M27E WRAPPER	12	20/1	EXIST	17	18	EXIST	20/1	–	EXISTING CIRCUIT	–
1920	M27E WRAPPER	12	20/1	EXIST	19	20	EXIST	20/1	10	ISLAND CASE SUSPENDED LTG (CC)	1036
900	CONF. ROOM RECEPTS.	12	20/1	EXIST	21	22	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1538
–	EXISTING CIRCUIT	–	30/1	EXIST	23	24	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1646
–	EXISTING CIRCUIT	–	20/1	EXIST	25	26	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1646
–	EXISTING CIRCUIT	–	30/1	EXIST	27	28	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1646
–	EXISTING CIRCUIT	–	20/1	EXIST	29	30	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1646
1646	(CC) SHELF/DISPLAY LTG	10	20/1	EXIST	31	32	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1538
1646	(CC) SHELF/DISPLAY LTG	10	20/1	EXIST	33	34	EXIST	20/1	–	EXISTING CIRCUIT	–
1646	(CC) SHELF/DISPLAY LTG	10	20/1	EXIST	35	36	EXIST	20/1	–	EXISTING CIRCUIT	–
1646	(CC) SHELF/DISPLAY LTG	10	20/1	EXIST	37	38	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	39	40	EXIST	20/1	10	SHELF/DISPLAY LTG (CC)	1646
–	EXISTING CIRCUIT	–	30/1	EXIST	41	42	EXIST	–	–	SPACE ONLY	–

LOCATION : BACKROOM
PANEL MOUNTING : SURFACE
SERVICE : 120/208V, 3PH, 4W
MAINS : 400 AMP MLO
TYPE: EXISTING
FED FROM PANEL "MDPA" (400A)

NOTES:
1. REPLACE EXISTING BREAKER(S) MADE SPARE BY DEMOLITION WITH NEW AS INDICATED. TYPE AND AIC RATING TO MATCH EXISTING. CIRCUIT #'S BASED ON AS-BUILT DRAWINGS. FIELD VERIFY.
2. (CC) CONTACTOR CONTROLLED CIRCUIT

SECTION 1 OF 2
EXISTING PANEL

EXISTING DEMAND LOAD = 74,880 VA
NET LOAD ADDITION = 26,456 VA
TOTAL = 101,336 VA
(281 AMPS)

PANEL E

VA	SERVICE	WIRE	MOPD	TYPE	CIR.	CIR.	TYPE	MOPD	WIRE	SERVICE	VA
–	EXISTING CIRCUIT	–	20/1	EXIST	1	2	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	3	4	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPACE ONLY	–	–	–	5	6	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	7	8	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPACE ONLY	–	–	–	9	10	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	11	12	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	13	14	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	15	16	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	17	18	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	19	20	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	21	22	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	23	24	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	25	26	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	30/1	EXIST	27	28	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	29	30	–	–	–	SPACE ONLY	–
–	EXISTING CIRCUIT	–	20/1	EXIST	31	32	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	33	34	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	35	36	NEW	20/1	10	DELI CASE – A.S (NEW BRKR–NOTE 1)	1600
–	EXISTING CIRCUIT	–	20/1	EXIST	37	38	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPACE ONLY	–	–	–	39	40	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	41	42	EXIST	20/1	–	EXISTING CIRCUIT	–

LOCATION : BACKROOM
PANEL MOUNTING : SURFACE
SERVICE : 120/208V, 3PH, 4W
MAINS : 225 AMP MLO
TYPE: EXISTING
FED FROM PANEL "MDPC" (125A)

NOTES:
1. PROVIDE NEW BREAKER AS INDICATED IN EXISTING SPACE. TYPE AND AIC RATING TO MATCH EXISTING.

EXISTING DEMAND LOAD = 31,500 VA
NET LOAD ADDITION = 1,600 VA
TOTAL = 33,100 VA
(92 AMPS)

EXISTING PANEL

PANEL R2

VA	SERVICE	WIRE	MOPD	TYPE	CIR.	CIR.	TYPE	MOPD	WIRE	SERVICE	VA
–	EXISTING CIRCUIT	–	20/1	EXIST	1	2	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	3	4	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	5	6	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/2	EXIST	7	8	EXIST	40/2	–	EXISTING CIRCUIT	–
–				EXIST	9	10	EXIST				–
–	EXISTING CIRCUIT	–	40/2	EXIST	11	12	EXIST	100/3	–	EXISTING CIRCUIT	–
–				EXIST	13	14	EXIST				–
–	EXISTING PANEL "P"	–	100/3	EXIST	15	16	EXIST				–
–				EXIST	17	18	EXIST	40/3	–	EXISTING CIRCUIT	–
–				EXIST	19	20	EXIST				–
–	EXISTING CIRCUIT	–	30/3	EXIST	21	22	EXIST				–
–				EXIST	23	24	NEW	15/2	12	HDR2 HAND DRYER (NEW BRKR–NOTE 1)	700
–				EXIST	25	26	NEW				700
–	EXISTING CIRCUIT	–	20/1	EXIST	27	28	NEW	15/2	12	HDR2 HAND DRYER (NEW BRKR–NOTE 1)	700
–	EXISTING CIRCUIT	–	20/1	EXIST	29	30	NEW				700
–	EXISTING CIRCUIT	–	20/1	EXIST	31	32	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	33	34	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	35	36	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	37	38	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	39	40	–	–	–	SPACE ONLY	–
–	SPACE ONLY	–	–	–	41	42	–	–	–	SPACE ONLY	–

ALTERNATE #3 (circuits 24–30)

LOCATION : BACKROOM
PANEL MOUNTING : SURFACE
SERVICE : 120/208V, 3PH, 4W
MAINS : 400 AMP MLO
TYPE: EXISTING
FED FROM PANEL "R1" (FEED–THRU)

NOTES:
1. PROVIDE NEW BREAKER AS INDICATED IN EXISTING SPACE. TYPE AND AIC RATING TO MATCH EXISTING.

SECTION 2 OF 2
EXISTING PANEL

SEE SECTION 1 FOR LOAD TOTALS

PANEL F

VA	SERVICE	WIRE	MOPD	TYPE	CIR.	CIR.	TYPE	MOPD	WIRE	SERVICE	VA
–	EXISTING CIRCUIT	–	20/1	EXIST	1	2	EXIST	20/1	–	SPARE	–
–	SPARE	–	20/1	EXIST	3	4	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPARE	–	20/1	EXIST	5	6	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	7	8	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	9	10	EXIST	20/1	12	S/F CASE – FANS	68
–	EXISTING CIRCUIT	–	20/1	EXIST	11	12	EXIST	20/1	–	EXISTING CIRCUIT	–
–	SPARE	–	20/1	EXIST	13	14	EXIST	30/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	15	16	EXIST	20/1	12	MEAT CASE – FANS	5
–	SPARE	–	20/1	EXIST	17	18	EXIST	20/1	12	MEAT CASE – FANS	192
–	EXISTING CIRCUIT	–	20/1	EXIST	19	20	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	21	22	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	23	24	EXIST	20/1	10	DELI CASE – FANS	220
–	EXISTING CIRCUIT	–	20/1	EXIST	25	26	EXIST	20/1	–	EXISTING CIRCUIT	–
–	EXISTING CIRCUIT	–	20/1	EXIST	27	28	EXIST	20/1	10	DELI CASE – FANS	8
–	EXISTING CIRCUIT	–	20/1	EXIST	29	30	EXIST	20/1	–	EXISTING CIRCUIT	–

LOCATION : BACKROOM
PANEL MOUNTING : SURFACE
SERVICE : 120/208V, 3PH, 4W
MAINS : 100 AMP MLO
TYPE: EXISTING
FED FROM PANEL "MDPA" (100A)

EXISTING DEMAND LOAD = 17,280 VA
NET LOAD ADDITION = 493 VA
TOTAL = 17,773 VA
(49 AMPS)

EXISTING PANEL

NOTE:
WIRE SIZE BASED ON ESTIMATED LEGNTHS. E.C. TO ADJUST AS NECESSARY TO LIMIT VOLTAGE DROP TO 3% OR LESS.

NOTE:
EXISTING PANEL INFORMATION OBTAINED FROM AS-BUILT DRAWINGS. FIELD VERIFY EXISTING CONDITIONS AND AVAILABILITY OF ANY NEW BREAKERS PRIOR TO SUBMITTING BID. VERIFY LOADS ON EXISTING PANELS AND AFFECTED CIRCUITS. DO NOT OVERLOAD PANELS.

NOTE:
ELECTRICAL CONTRACTOR SHALL PROVIDE, INSTALL AND UTILIZE TEMPORARY ELECTRICAL PANEL COVERS SIMILAR TO GRACE PRODUCTS, MITCHELL, SP PRODUCTS, OR EQUALS WHENEVER PERMANENT COVERS HAVE BEEN REMOVED FOR NEW WORK OR SERVICING. PANEL COVERS, WHETHER PERMANENT OR TEMPORARY SHALL BE IN PLACE AT ALL TIMES ON ENERGIZED PANELS.

NOTE:
E.C. TO COPY AND/OR PHOTOGRAPH ALL EXISTING PANEL DIRECTORIES PRIOR TO COMMENCING WORK AND RETAIN FOR USE IN CREATING NEW, UPDATED DIRECTORIES FOR ALL PANELS UPON COMPLETION OF THE PROJECT. NEW PANEL DIRECTORIES TO BE TYPE WRITTEN AND SHALL INDICATE AS CLEARLY AS POSSIBLE LOADS SERVED. NEW DIRECTORIES WILL BE REQUIRED FOR ALL PANELS, NEW AND EXISTING. DO NOT USE PANEL SCHEDULES FROM THESE DRAWINGS AS SUBSTITUTES FOR DIRECTORIES.

–	D	R1
–	E	R2
–	–	F

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PROJECT KROGER ATLANTA

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SHEET TITLE

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO: 19085
CAD DWG FILE: GA-214 E6.2.2
DRAWN BY: WSM
CHK'D BY: HCK

E6.2.2
SHEET NO.