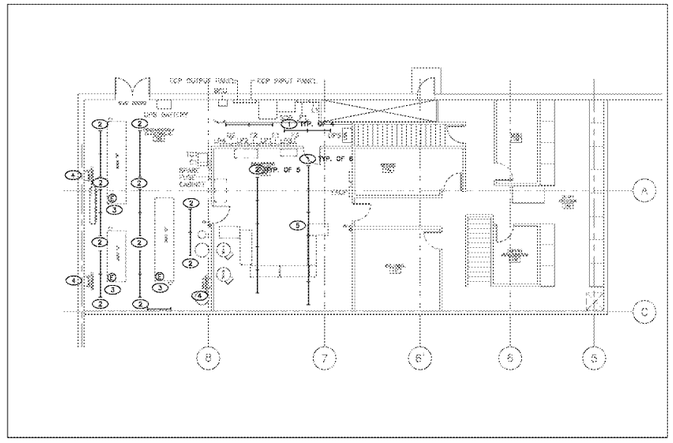
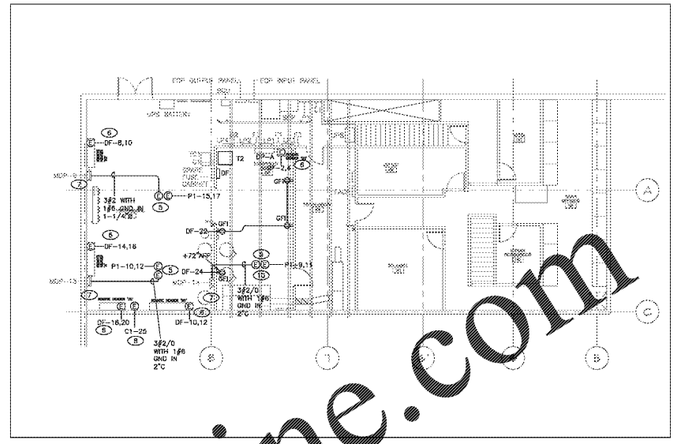


1 MEZZANINE DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

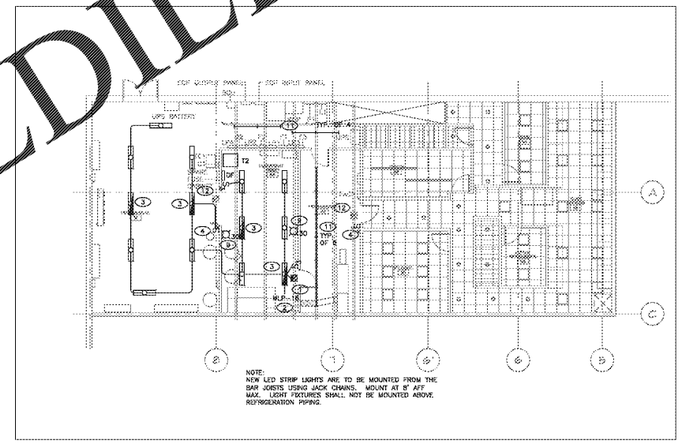


2 MEZZANINE POWER RENOVATION PLAN
SCALE: 1/8" = 1'-0"

PANEL NOTES:
1. EXISTING TO REMAIN.
2. CONTRACTOR SHALL CONNECT FIXTURE AHEAD OF SWITCHING. MOUNT EXIST SIGN TO WALL DIRECTLY OVER THE DOOR/CASED OPENING.
3. CONTRACTOR REWORK THE EXISTING CIRCUIT SO THAT FIXTURES IN THE EQUIPMENT/MECHANICAL ROOM AREN'T CONTROLLED BY A TIME CLOCK.
4. CONTRACTOR SHALL CIRCUIT BATTERY BACKUP AHEAD OF SWITCHING.
5. EXISTING WALL SWITCH SHOWN FOR REFERENCE ONLY.
6. REWORK EXISTING CIRCUIT(S) AS REQUIRED TO RECONNECT NEW REFRIGERATION RACKS.
7. COORDINATE REFRIGERATION HEADER LOCATION WITH REFRIGERATION CONTRACTOR PRIOR TO ROUGH-IN.
8. EXISTING DISCONNECT SHOWN FOR REFERENCE ONLY.
9. CONTRACTOR SHALL REWORK EXISTING CIRCUIT TO FEED RELOCATED AND NEW LEAK DETECTION PANELS. COORDINATE LOCATION WITH REFRIGERATION CONTRACTOR.
10. CONTRACTOR SHALL PROVIDE NEW UL LISTED NOTIFICATION APPLIANCE. DEVICE SHALL BE RATED FOR USE WITH EXISTING FIRE ALARM CONTROL PANEL. ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE DEVICES, INCLUDING PERMITTING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
11. LOCAL DISCONNECT/BREAKER PROVIDED WITH EQUIPMENT.
12. CONTRACTOR TO RE-LAMP EXISTING FLUORESCENT STRIP FIXTURES.
13. EXISTING EXIT SIGN SHOWN FOR REFERENCE ONLY.

DEMOLITION KEYED NOTES: (X)

1. CONTRACTOR SHALL CLEAN AND RELAMP EXISTING FLUORESCENT LIGHTS.
2. CONTRACTOR SHALL DEMOLISH EXISTING FLUORESCENT LIGHT FIXTURES. MAINTAIN CIRCUIT FOR USE WITH NEW FIXTURES.
3. CONTRACTOR SHALL DISCONNECT EXISTING REFRIGERATION RACK TO ALLOW FOR REMOVAL. REWORK CIRCUIT(S) AS REQUIRED TO RECONNECT NEW RACK.
4. EXISTING RACK DISCONNECT TO REMAIN.
5. TEST EMERGENCY BATTERY PACK IN FIXTURE, REPLACE AS REQUIRED.



NOTE:
NEW LED STRIP LIGHTS ARE TO BE MOUNTED FROM THE BAR JOISTS USING JACK CHAINS. MOUNT AT 8' AFF MAX. LIGHT FIXTURES SHALL NOT BE MOUNTED ABOVE REFRIGERATION PIPING.

3 MEZZANINE LIGHTING RENOVATION PLAN
SCALE: 1/8" = 1'-0"

RENOVATION KEYED NOTES: (X)

1. CONTRACTOR SHALL CONNECT FIXTURE AHEAD OF SWITCHING. MOUNT EXIST SIGN TO WALL DIRECTLY OVER THE DOOR/CASED OPENING.
2. CONTRACTOR REWORK THE EXISTING CIRCUIT SO THAT FIXTURES IN THE EQUIPMENT/MECHANICAL ROOM AREN'T CONTROLLED BY A TIME CLOCK.
3. CONTRACTOR SHALL CIRCUIT BATTERY BACKUP AHEAD OF SWITCHING.
4. EXISTING WALL SWITCH SHOWN FOR REFERENCE ONLY.
5. REWORK EXISTING CIRCUIT(S) AS REQUIRED TO RECONNECT NEW REFRIGERATION RACKS.
6. COORDINATE REFRIGERATION HEADER LOCATION WITH REFRIGERATION CONTRACTOR PRIOR TO ROUGH-IN.
7. EXISTING DISCONNECT SHOWN FOR REFERENCE ONLY.
8. CONTRACTOR SHALL REWORK EXISTING CIRCUIT TO FEED RELOCATED AND NEW LEAK DETECTION PANELS. COORDINATE LOCATION WITH REFRIGERATION CONTRACTOR.
9. CONTRACTOR SHALL PROVIDE NEW UL LISTED NOTIFICATION APPLIANCE. DEVICE SHALL BE RATED FOR USE WITH EXISTING FIRE ALARM CONTROL PANEL. ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE DEVICES, INCLUDING PERMITTING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
10. LOCAL DISCONNECT/BREAKER PROVIDED WITH EQUIPMENT.
11. CONTRACTOR TO RE-LAMP EXISTING FLUORESCENT STRIP FIXTURES.
12. EXISTING EXIT SIGN SHOWN FOR REFERENCE ONLY.

PANEL: MLP

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	30.6	30.6	1.25
RECEPTACLES (REC)	0.0	0.0	1.00
REFRIGERATION (REF)	0.0	0.0	1.00
HOT WATER RECIRC (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	0.0	0.0	1.00
ELECTRIC HEAT (EH)	0.0	0.0	1.00
REFRIGERATION (R)	0.0	0.0	1.00
CONDENSER (C)	0.0	0.0	1.25
NON-CONTINUOUS (N)	0.0	0.0	1.25
TOTAL	30.6		
NEC TOTAL DEMAND		30.6	

PANEL: C1

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	0.0	0.0	1.25
RECEPTACLES (REC)	0.0	0.0	1.00
REFRIGERATION (REF)	19.0	19.0	1.00 (1)
HOT WATER RECIRC (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	0.0	0.0	0.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	0.0	0.0	1.00
CONDENSER (C)	4.5	5.6	1.00
NON-CONTINUOUS (N)	1.7	1.7	1.00
TOTAL	25.2		
NEC TOTAL DEMAND		26.4	

PANEL "C2" LOAD IS INCLUDED IN LOAD CALCULATION OF "C1"

PANEL: P1

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	0.0	0.0	1.25
RECEPTACLES (REC)	0.0	0.0	1.00
REFRIGERATION (REF)	0.0	0.0	1.00 (2)
HOT WATER RECIRC (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	0.0	0.0	0.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	10.9	10.9	1.00
CONDENSER (C)	0.0	0.0	1.25
NON-CONTINUOUS (N)	0.0	0.0	1.25
TOTAL	10.9		
NEC TOTAL DEMAND		10.9	

PANEL: DF (NEW)

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	4.5	4.5	1.25
RECEPTACLES (REC)	0.0	0.0	1.00
REFRIGERATION (REF)	0.0	0.0	1.00 (3)
HOT WATER RECIRC (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	0.0	0.0	0.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	10.9	10.9	1.00
CONDENSER (C)	0.0	0.0	1.25
NON-CONTINUOUS (N)	0.0	0.0	1.25
TOTAL	15.4		
NEC TOTAL DEMAND		21.4	

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GONTRAM ARCHITECTURE, INC.
220 HORIZON DRIVE, SUITE 201
RALEIGH, NC 27615
PHONE: 919.876.8331
FAX: 919.876.8978
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PLOT DATE: JUNE 22, 2020
ISSUED: JUNE 22, 2020 FOR CONSTRUCTION

DRAWN BY: EW
APPROVED: RKS
PROJECT NO: 20040
RECEIVED:

CONTENTS: MEZZANINE POWER & LIGHTING PLAN

SHEET: E-301
03 OF 03

Digitally Signed Robert K Stacy 2020.06.25 13:44:07 -04'00'

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