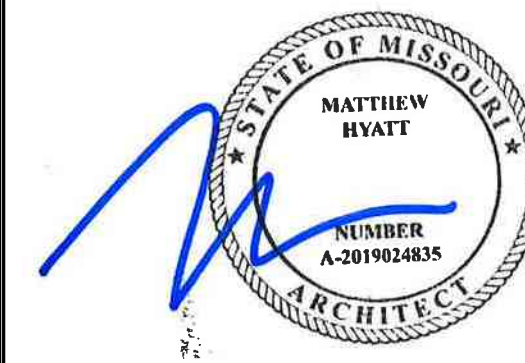


Bergmeyer

LA
800 South Figueroa St.
Los Angeles, CA 90017
212.337.1090

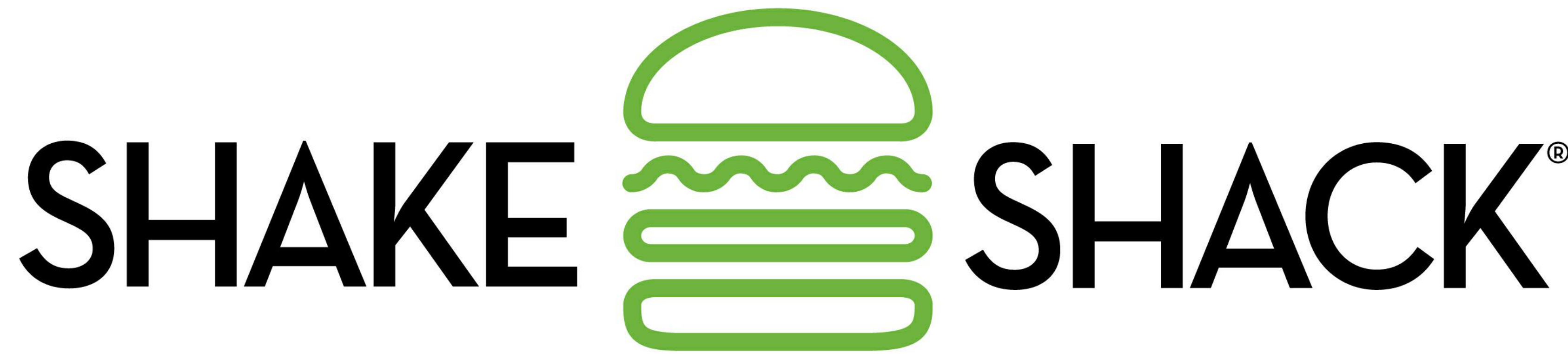
CONSULTANTS:

SEA/ SIGNATURE:



NEW GROUND UP AND DRIVE THRU OF QUICK SERVICE RESTAURANT

1348 - LEE'S SUMMIT



2051 NW LOWENSTEIN DRIVE
LEE'S SUMMIT, MISSOURI 64081
SHACK #1348

FIELD NOTICE #3: 2021-08-09

PERSPECTIVE VIEW



PROJECT TEAM

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CIVIL ENGINEER
SW ENGINEERING
5507 HIGH MEADOW CIRCLE
MANHATTAN, KS 66503
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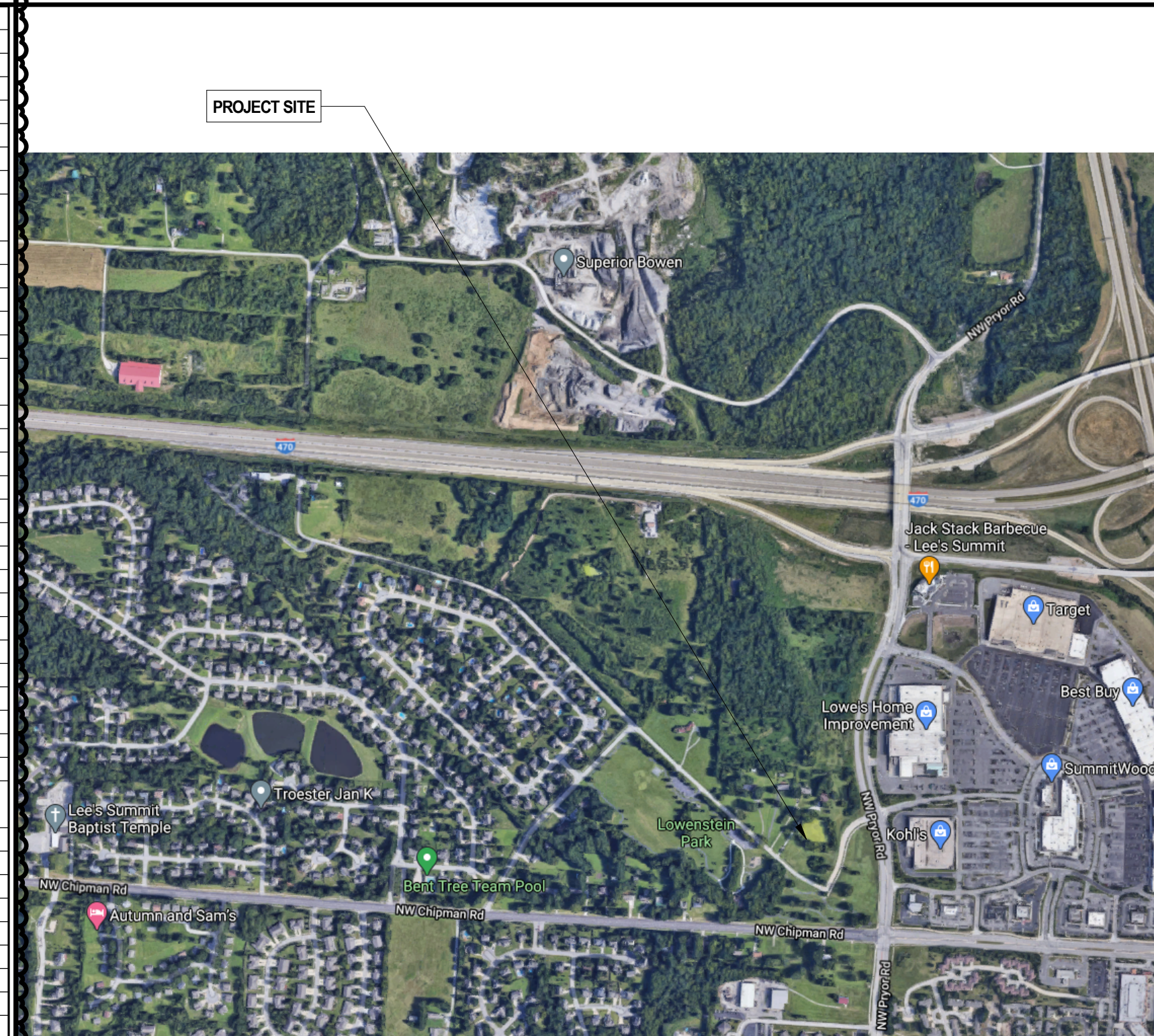
GENERAL CONTRACTOR
SPELGLASS CONSTRUCTION COMPANY
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MARYLAND HEIGHTS, MO 63043
CONTACT: TIM SPIEGELGLASS
E: TIM@SPELGLASS-GC.COM
T: 314.575.9938

SHEET INDEX AND ISSUE MATRIX

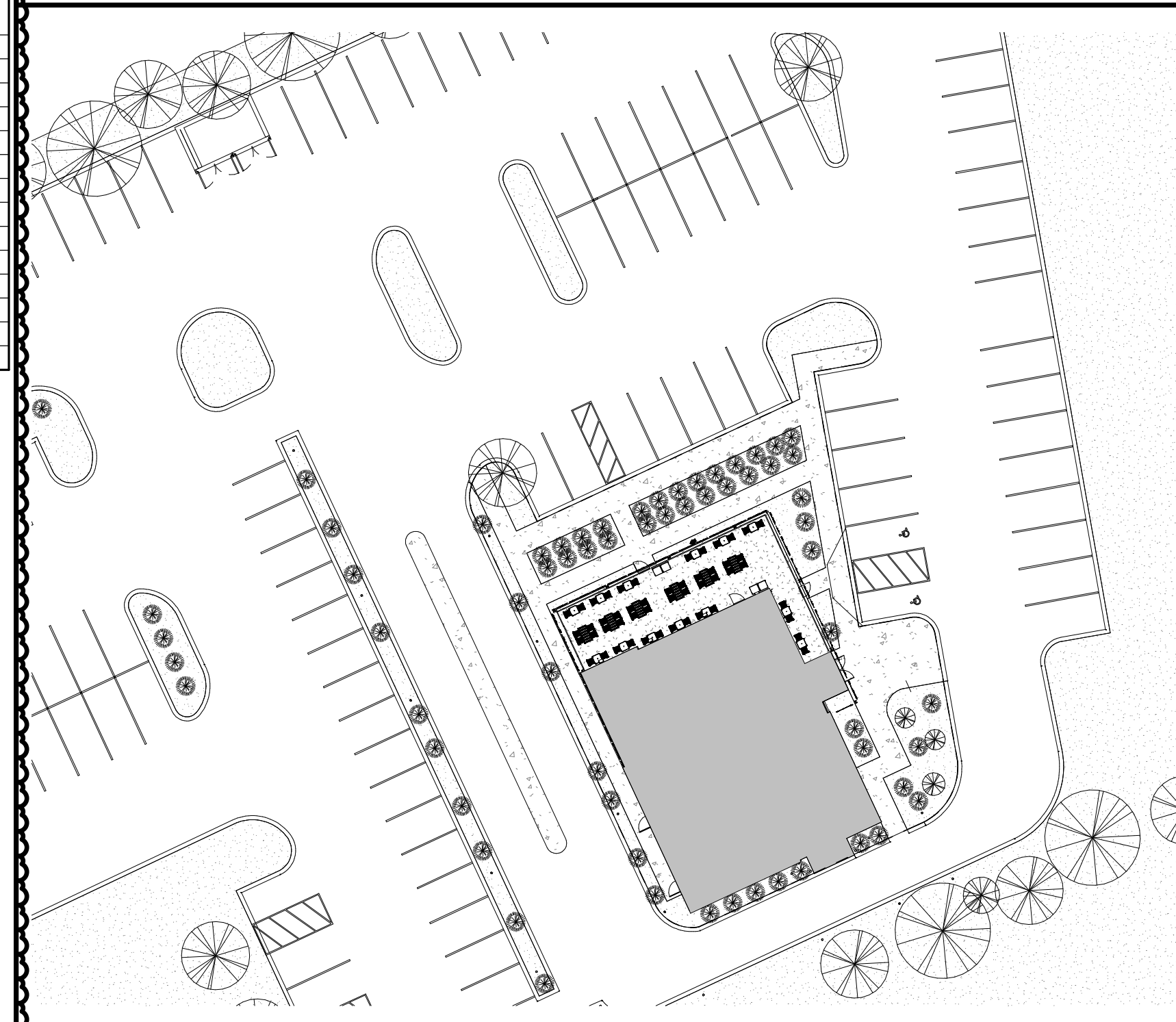
SHEET NO.	SHEET NAME	PERMIT/BID ISSUE DATE	NO.	ISSUE DATE	REVISION DESCRIPTION
00 GENERAL					
T001	TITLE SHEET	2021-01-11	8	2021-09-28	FIELD NOTICE #5
T002	RESPONSIBILITY SCHEDULE & VENDOR CONTACTS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
T003	SYMBOLS, GENERAL NOTES & ABBREVIATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
T004	CODE ANALYSIS, OCCUPANCY & EGRESS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
01 CIVIL					
C-1	SITE PLAN	2021-01-11	5	2021-05-17	FIELD NOTICE #2
C-2	UTILITY PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
C-3	GRADING PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
02 SITE					
AS101	ARCHITECTURAL SITE PLAN	2021-01-11	7	2021-08-09	FIELD NOTICE #4
AS102	ENLARGED PATIO PLAN AND EXTERIOR DETAILS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
AS201	SITE DETAILS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
03 STRUCTURAL					
S000	ISOMETRIC VIEWS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S001	GENERAL NOTES I	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S002	GENERAL NOTES II	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S003	LOADING PLANS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S100	FOUNDATION PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S101	CANOPY FRAMING PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S102	ROOF FRAMING PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S200	COLUMN SCHEDULE	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S201	BUILDING SECTIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S300	LATERAL FRAME ELEVATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S400	CONCRETE DETAILS I	2021-01-11	6	2021-08-09	FIELD NOTICE #3
S401	CONCRETE DETAILS II	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S500	STEEL DETAILS I	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S501	STEEL DETAILS II	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
S502	STEEL DETAILS III	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
04 ARCHITECTURAL					
A100	CURB & FOUNDATION PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A101	GENERAL ARRANGEMENT PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A102	DIMENSIONED PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A103	FLOOR FINISH PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A104	FURNITURE & EQUIPMENT PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A105	SIGNAGE AND GRAPHICS PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A120	REFLECTED CEILING PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A150	ROOF PLAN	2021-01-11	7	2021-09-09	FIELD NOTICE #4
A201	EXTERIOR ELEVATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A210	INTERIOR ELEVATIONS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A211	INTERIOR ELEVATIONS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A301	BUILDING SECTIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A302	EXTERIOR WALL SECTIONS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A303	EXTERIOR WALL SECTIONS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A304	EXTERIOR WALL SECTIONS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A305	EXTERIOR WALL SECTIONS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A310	INTERIOR SECTIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A401	ENLARGED MANAGER'S OFFICE PLAN	2021-01-11	5	2021-05-17	FIELD NOTICE #2
A402	ENLARGED WOMEN'S RESTROOM PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A403	ENLARGED MEN'S RESTROOM PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A501	EXTERIOR DETAILS - PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A502	EXTERIOR DETAILS - SECTION	2021-01-11	7	2021-09-09	FIELD NOTICE #4
A503	EXTERIOR DETAILS - SECTION	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A504	EXTERIOR DETAILS - ROOF	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A510	WALL TYPES	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A520	ATLAS METAL PANEL TRIM DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A530	INTERIOR DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A540	MILLWORK DETAILS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A601	FINISH SCHEDULE	2021-01-11	6	2021-08-09	FIELD NOTICE #3
A602	DOOR, HARDWARE & SCHEDULES	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A603	STOREFRONT SCHEDULES & ELEVATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A701	ARCHITECTURAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A702	ARCHITECTURAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A703	ARCHITECTURAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A704	ARCHITECTURAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A705	ARCHITECTURAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A801	EXTERIOR RENDERINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
A802	INTERIOR RENDERINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
05 KITCHEN EQUIPMENT					
QF101	FOODSERVICE GENERAL NOTES, LEGENDS, SHEET INDEX	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
QF101	FOODSERVICE EQUIPMENT PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
QF102	FOODSERVICE SCHEDULES	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
QF102A	FOODSERVICE UTILITY SCHEDULES	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
QF102B	FOODSERVICE UTILITY SCHEDULES	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION

SHEET NO.	SHEET NAME	PERMIT/BID ISSUE DATE	NO.	ISSUE DATE	REVISION DESCRIPTION
QF201	FOODSERVICE PLUMBING IN-SLAB ROUGH-IN PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
QF202	FOODSERVICE PLUMBING ABOVE SLAB ROUGH-IN PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
QF301	FOODSERVICE ELECTRICAL ROUGH-IN PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
QF401	FOODSERVICE SPECIAL CONDITIONS PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
QF501	FOODSERVICE ELEVATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
06 FIRE PROTECTION					
F001	FIRE PROTECTION ABBREVIATIONS & SYMBOLS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
F101	FIRE PROTECTION PLAN	2021-01-11	4	2021-05-03	FIELD NOTICE #1
F501	FIRE PROTECTION DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
F590	FIRE PROTECTION SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
F591	FIRE PROTECTION SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
07 MECHANICAL					
M001	MECHANICAL ABBREVIATIONS & SYMBOLS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M101	MECHANICAL FLOOR PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
M102	MECHANICAL REFRIGERANT PIPING LAYOUT PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M150	MECHANICAL ROOF PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M501	MECHANICAL DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M502	MECHANICAL DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M590	MECHANICAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M591	MECHANICAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M592	MECHANICAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M593	MECHANICAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M601	MECHANICAL SCHEDULES	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M701	HALTON DRAWINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M702	HALTON DRAWINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M703	HALTON DRAWINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M704	HALTON DRAWINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
M705	HALTON DRAWINGS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
08 PLUMBING					
P001	PLUMBING ABBREVIATIONS & SYMBOLS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P101	PLUMBING WASTE & VENT PLAN	2021-01-11	6	2021-08-09	FIELD NOTICE #3
P120	PLUMBING WATER & GAS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
P150	PLUMBING ROOF PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P501	PLUMBING DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P502	PLUMBING DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P590	PLUMBING SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P591	PLUMBING SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P592	PLUMBING SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P601	PLUMBING SCHEDULE	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
P901	PLUMBING RISERS	2021-01-11	6	2021-08-09	FIELD NOTICE #3
09 ELECTRICAL					
E001	ELECTRICAL ABBREVIATION & SYMBOL LEGEND	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E100	SITE ELECTRICAL PLAN	2021-01-11	7	2021-09-09	FIELD NOTICE #4
E101	ELECTRICAL POWER PLAN	2021-01-11	8	2021-09-28	FIELD NOTICE #5
E102	LOW VOLTAGE SYSTEMS PLAN	2021-01-11	8	2021-09-28	FIELD NOTICE #5
E120	ELECTRICAL LIGHTING PLAN	2021-01-11	7	2021-09-09	FIELD NOTICE #4
E150	ELECTRICAL ROOF PLAN	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E501	ELECTRICAL DETAILS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E590	ELECTRICAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E591	ELECTRICAL SPECIFICATIONS	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E601	ELECTRICAL SCHEDULES & ONE-LINE	2021-01-11	8	2021-09-28	FIELD NOTICE #5
E620	LIGHTING SCHEDULES	2021-01-11	7	2021-09-09	FIELD NOTICE #4
E621	LUTRON VIVE ONE-LINE	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E622	LUTRON VIVE ONE-LINE	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION
E623	LUTRON VIVE ONE-LINE	2021-01-11	3	2021-04-26	ISSUED FOR CONSTRUCTION

AREA / LOCATION MAP



KEY MAP



PROJECT NARRATIVE

THIS PROJECT IS NEW CONSTRUCTION, FREE STANDING SINGLE STORY QUICK SERVICE RESTAURANT. THE INTENDED USE GROUP IS A2: NEW STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION COMPONENTS ARE PROPOSED.

THE BUILDING WILL BE SPRINKLERED.

SEAT COUNT	
INTERIOR SEATS	125
EXTERIOR SEATS	50
TOTAL SEATS	175
SQUARE FOOTAGE	
INTERIOR SF	3360 SF
EXTERIOR SF	1039 SF
TOTAL SF	4399 SF

NO.	BY	DATE	DESCRIPTION
8		2021-09-28	FIELD NOTICE #5
7		2021-09-09	FIELD NOTICE #4
6		2021-08-09	FIELD NOTICE #3
5		2021-05-17	FIELD NOTICE #2
4		2021-05-03	FIELD NOTICE #1
3		2021-04-26	ISSUED FOR CONSTRUCTION
2		2021-03-31	ADDENDUM 2
1		2021-03-09	ADDENDUM 1
		2021-01-11	PERMIT/BID SET
		2020-12-21	75% SET
		2020-10-12	DD SET

SHAKE SHACK

SHAKE SHACK - LEE'S SUMMIT MO

2051 NW LOWENSTEIN DRIVE
LEE'S SUMMIT, MISSOURI 64081
SHACK #1348

FIELD NOTICE #3

TITLE SHEET

DRAWN BY: CS & WQL

CHECKED BY: JS

JOB NO: 20080.00

T001

LA

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CONSULTANTS

S

Schnackel

engineers

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www.schnackel.com
101.000-20000

SEAL SIGNATURE:

STATE OF MISSOURI

REGISTRY NUMBER

101.000-20000

Gregory Roy Schnackel

Date: 09/28/21
COA # E-200000642

GENERAL ELECTRICAL NOTES:

- WHERE THE MECHANICAL DESIGN UTILIZES A PLENUM RETURN AIR CEILING DESIGN, ALL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE PLENUM RETURN CEILING MUST MEET THE FLAME SPREAD AND SMOKE DEVELOPED RATINGS OF 25/50 AND BE APPROVED FOR USE IN PLENUM RETURN CEILING. COORDINATE PLENUM CEILING LOCATIONS WITH THE MECHANICAL CONTRACTOR.
- COORDINATE ALL DEVICE LOCATIONS AND CIRCUIT ROUTING WITHIN ANY MILLWORK WITH MILLWORK VENDOR PRIOR TO ROUGH-IN.
- COORDINATE THE CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS WITH THE CONTRACTOR PROVIDING THE EQUIPMENT PRIOR TO ROUGH-IN. THIS INCLUDES, BUT IS NOT LIMITED TO, MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, AUDIO/VISUAL EQUIPMENT, FIRE SUPPRESSION SYSTEM EQUIPMENT, FIRE ALARM EQUIPMENT, ETC. PROVIDE THE APPROPRIATE DISCONNECTING MEANS FOR, AND TO MAKE THE FINAL CONNECTION TO, ANY HARDWIRED EQUIPMENT. THE ELECTRICAL CONTRACTOR IS ALSO RESPONSIBLE TO PROVIDE AN APPROPRIATE CORD AND PLUG FOR ANY CORD-AND-PLUG CONNECTED EQUIPMENT THAT IS NOT EQUIPPED WITH AN INTEGRAL CORD AND PLUG.
- SEE PANEL SCHEDULES FOR INFORMATION ON CIRCUITS THAT ARE TO BE ROUTED THROUGH CONTRACTORS OR RELAYS FOR CONTROL.
- ALL EQUIPMENT, DEVICES, AND LUMINAIRES SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. EQUIPMENT MOUNTED OUTDOORS SHALL BE NEW OR, DEVICES MOUNTED IN DAMP OR WET LOCATIONS SHALL BE WEATHERPROOF. RECEPTACLES RATED 15- OR 20-AMPS AND 120 VOLTS WHICH ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVERPLATE (WHILE-IN-USE IN WET LOCATIONS).
- ALL LUGS, TERMINALS, ETC. IN ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE LISTED FOR A MINIMUM OF 75 DEGREE C CONDUCTORS. TERMINATIONS LISTED FOR ONLY 60 DEGREE C CONDUCTORS ARE NOT PERMITTED.

KEYED NOTES:

- PROVIDE RECEPTACLE WITH WEATHERPROOF WHILE IN-USE COVER.
- VERIFY EXACT LOCATION OF DRIVE THRU SYSTEM COMPONENTS AND POWER WITH VENDOR PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTION TO HAND DRIVER. COORDINATE MOUNTING HEIGHT WITH ARCHITECT AND ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE WIRING AND COMPONENTS INDICATED AS FIELD WIRING IN THE HOOD CONTROL PANEL WIRING DIAGRAM. VERIFY AND COORDINATE ALL REQUIREMENTS WITH THE HOOD CONTROL PANEL MANUFACTURER AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE RECEPTACLES FOR UNDERCABINET LIGHTS INSTALLED IMMEDIATELY BELOW LOWEST SHELF. CONNECT TO CONTROLS SERVING MANAGER'S OFFICE OVERHEAD LIGHTING. REFER TO OFFICE ELEVATIONS ON ARCHITECTURAL SHEETS FOR LOCATIONS AND MOUNTING HEIGHTS.
- PROVIDE RECEPTACLE ALIGNED WITH ADJACENT DATA OUTLET FOR PRINTER ON SAFE. REFER TO OFFICE ELEVATIONS ON ARCHITECTURAL SHEETS FOR LOCATION.
- PROVIDE QUADPLEX 10 RECEPTACLES STACKED VERTICALLY BEHIND THE IT RACK. SEE OFFICE ELEVATIONS ON ARCHITECTURAL SHEETS FOR LOCATIONS.
- PROVIDE RECEPTACLE ALIGNED WITH ADJACENT DATA OUTLET FOR SECURITY ALARM PANEL. REFER TO OFFICE ELEVATIONS ON ARCHITECTURAL SHEETS FOR LOCATION.
- PROVIDE CHAIRING RECEPTACLES UNDER DESK. VERIFY EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
- PROVIDE CONNECTION TO JUNCTION BOX ON WALK-IN COOLER/FREEZER FOR LIGHTS, DOOR HEATER, AND VENT HEATER AS REQUIRED. INSTALL LIGHT FIXTURES SHIPPED LOOSE WITH COOLER/FREEZER AND COMPLETE CONNECTION. COORDINATE INTERCONNECTION AND CONTROL CABLE REQUIREMENTS BETWEEN CONDENSER AND EVAPORATOR WITH EQUIPMENT SUPPLIER.
- PROVIDE 4"-Ø METAL PLUG-STRIP WITH 20 AMP RECEPTACLES 6" ON CENTER. HARBELL PANELBOARD OF APPROVED QUALITY AND INSTALL CONCEALED TO UNDERNEATH OF KIOSK TABLE. STUB CONDUIT OUT OF WALL TO ALIGN WITH UNDERSIDE OF KIOSK TABLE FOR CONNECTION. CONCEAL ALL CONDUIT AND PLUG STRIPS BELOW KIOSK TABLE.
- INDOOR UNIT OF SPLIT-SYSTEM IS POWERED FROM OUTDOOR UNIT. PROVIDE ELECTRICAL CONNECTION BETWEEN UNITS PER MANUFACTURER REQUIREMENTS. COORDINATE ALL ELECTRICAL REQUIREMENTS, FINAL UNIT LOCATIONS, AND CIRCUIT ROUTING WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTIONS TO HWH-1 AND RELATED EQUIPMENT INCLUDING RECIRCULATION PUMP, MALFUNCTION INDICATOR LIGHTS, ADJUSTERS, AND TIME SWITCH CONTROLLED BY PLUMBING CONTRACTOR. SEE DETAIL 4/ES01 FOR ADDITIONAL INFORMATION.
- PROVIDE SPLIT RECEPTACLE IN WEATHERPROOF CAST ALUMINUM BOX FOR WALK-IN FREEZER CONDENSATE PIPING HEAT TAPE. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE 4 GFCI DUPLEX RECEPTACLE MOUNTED BELOW COUNTERTOP FOR CONNECTION OF AUTOMATIC FAUCET SENSOR. ENSURE PLUMBING PIPING WILL NOT INTERFERE WITH MOUNTING LOCATION AND COORDINATE ALL REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTION TO AUTOMATIC FLUSH VALVE. COORDINATE EXACT TRANSFORMER MOUNTING LOCATION AND ALL REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
- INTERLOCK GAS SOLENOID VALVE WITH GREASE HOOD FIRE SUPPRESSION SYSTEM SUCH THAT GAS SOLENOID VALVE CLOSURES UPON GREASE HOOD FIRE SUPPRESSION SYSTEM DISCHARGE. COORDINATE ALL REQUIREMENTS WITH PLUMBING CONTRACTOR AND GREASE HOOD FIRE SUPPRESSION SYSTEM MANUFACTURER PRIOR TO ROUGH-IN.
- CONNECT CIRCUIT VIA LOAD CONTROLLER(S) LOCATED IN MANAGER'S OFFICE. LOWERCASE LETTERS ADJACENT TO FIXTURES INDICATE CORRESPONDING LOAD CONTROLLER. SEE 2/E120 FOR ADDITIONAL INFORMATION. SEE LUTRON ONE-LINE DIAGRAMS ES021, ES022, ES023 FOR CONTROL CONFIGURATION.
- PROVIDE BROWN ON/OFF CONTROL WITH WIRELESS REMOTE FOR CONTROL OF ELECTRIC PATIO HEATERS. VERIFY EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. VERIFY EXACT ZONING WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- DEVICES TO BE CIRCUITED THROUGH JUNCTION BOX STUBOUT OF WALL FOR CIRCUITS. SEE EQUIPMENT #1130 IN KITCHEN DRAWINGS AND KITCHEN EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION. SEE KITCHEN DRAWINGS FOR FINAL LOCATION OF INDIVIDUAL DEVICES.
- PROVIDE FINAL CONNECTION OF ELECTRIC PATIO HEATER TO PATIO HEATER CONTROLS LOCATED IN MANAGER'S OFFICE. VERIFY EXACT LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. VERIFY EXACT ZONING WITH CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
- PROVIDE 4" OCTAGONAL JUNCTION BOX WITH SCREW THREADS SET AT THE 2 AND 8 O'CLOCK POSITIONS FOR THE GREASE HOOD FIRE SUPPRESSION SYSTEM RAIL STATION. PROVIDE A 1/2" CONDUIT FROM THE JUNCTION BOX TO 6" ABOVE THE ACCESSIBLE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE GREASE HOOD FIRE SUPPRESSION SYSTEM INSTALLER AND THE FIRE MARSHAL PRIOR TO ROUGH-IN.
- PROVIDE RELAY AND FINAL CONNECTION TO MOTORIZED DAMPER (MD). INTERLOCK RELAY WITH SUPPLY FAN IN HVAC EQUIPMENT ASSOCIATED WITH EQUIPMENT SUCH THAT MOTORIZED DAMPER OPENS WHEN SUPPLY FAN STARTS. PROVIDE LOW VOLTAGE TRANSFORMER IF REQUIRED. COORDINATE ALL REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
- PROVIDE RECEPTACLE FOR CO2 MONITORING SYSTEM. VERIFY LOCATION AND EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTION TO DRIVE-THRU WINDOW EQUIPMENT. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTION TO DRIVE-THRU AIR CURTAIN EQUIPMENT. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE FINAL CONNECTION TO FIRE ALARM CONTROL PANEL. SEE SHEET F101 FOR LOCATION OF PANEL.

NOTE:
REFER TO KITCHEN EQUIPMENT ELECTRICAL ROUGH-IN PLAN, SHEET KE101, FOR DIMENSIONED ROUGH-IN LOCATIONS, MOUNTING HEIGHTS, AND ADDITIONAL REQUIREMENTS FOR ALL DEVICE TAGS SHOWN ON THIS SHEET, INCLUDING EQUIPMENT POWER AND LOW VOLTAGE OUTLET LOCATIONS.

1 ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"

8	2021-09-28	FIELD NOTICE #5
7	2021-09-09	FIELD NOTICE #4
6	2021-09-09	FIELD NOTICE #3
5	2021-05-17	FIELD NOTICE #2
4	2021-05-03	FIELD NOTICE #1
3	2021-04-26	ISSUED FOR CONSTRUCTION
2	2021-03-31	ADDENDUM #2
1	2021-03-09	ADDENDUM #1
	2020-12-21	75% SET
	2020-10-12	DD SET

SHAKE SHACK - LEE'S SUMMIT MO

LEE'S SUMMIT
MISSOURI
SHACK #1348

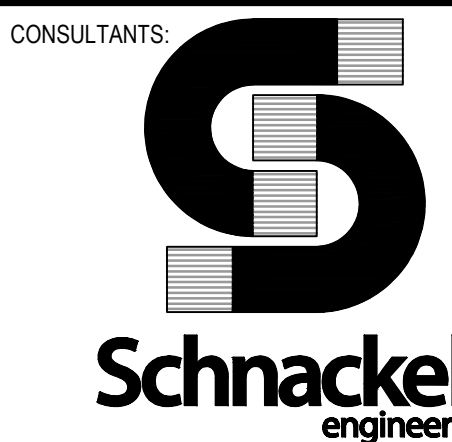
PERMIT/BID SET

ELECTRICAL POWER PLAN

DRAWN BY:	AEH
CHECKED BY:	GRS
JOB NO:	20068.00

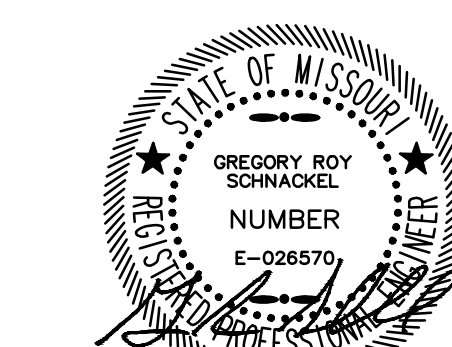
E101

Bergmeyer



800-581-0963
www.schnackel.com
916-938-2000

SEALED SIGNATURE:



Date: 09/08/21
CDA # E-2009008642

8	2021-09-28	FIELD NOTICE #5
7	2021-09-29	FIELD NOTICE #4
6	2021-09-29	FIELD NOTICE #3
5	2021-05-17	FIELD NOTICE #2
4	2021-05-03	FIELD NOTICE #1
3	2021-04-26	ISSUED FOR CONSTRUCTION
2	2021-03-31	ADDENDUM #2
1	2021-03-29	ADDENDUM #1
	2021-01-11	PERMIT/BID SET
	2020-12-21	75% SET
	2020-10-12	DD SET

SHAKE SHACK

SHAKE SHACK - LEE'S
SUMMIT MO

LEE'S SUMMIT
MISSOURI
SHACK #1348

PERMIT/BID SET

LOW VOLTAGE
SYSTEMS PLAN

DRAWN BY: AEH
CHECKED BY: GRS
JOB NO: 20060.00

E102

LOW VOLTAGE DEVICE COLOR SCHEDULE		
AREA	CAMERAS	SPEAKERS
BACK OF HOUSE/KITCHEN (WHITE CEILING)	WHITE	WHITE
FRONT OF HOUSE/DINING (LIGHT CEILING)	WHITE	WHITE
EXTERIOR/PATIO	BLACK	BLACK

GENERAL NOTE:
A. EXPOSED LOW VOLTAGE CABLING SHALL MATCH THE DEVICE COLORS SPECIFIED ABOVE.

- GENERAL ELECTRICAL NOTES:
- WHERE THE MECHANICAL DESIGN UTILIZES A PLENUM RETURN AIR CEILING DESIGN, ALL EQUIPMENT AND MATERIALS INSTALLED WITHIN THE PLENUM RETURN CEILING MUST MEET THE FLAME SPREAD AND SMOKE DEVELOPED RATINGS OF 25/50 AND BE APPROVED FOR USE IN PLENUM RETURN CEILING. COORDINATE PLENUM CEILING LOCATIONS WITH THE MECHANICAL CONTRACTOR.
 - COORDINATE ALL DEVICE LOCATIONS AND CIRCUIT ROUTING WITHIN ANY MILLWORK WITH MILLWORK VENDOR PRIOR TO ROUGH-IN.
 - COORDINATE THE CONNECTIONS OF ALL EQUIPMENT PROVIDED BY OTHERS WITH THE CONTRACTOR PROVIDING THE EQUIPMENT PRIOR TO ROUGH-IN. THIS INCLUDES, BUT IS NOT LIMITED TO, MECHANICAL EQUIPMENT, KITCHEN EQUIPMENT, AUDIO/VISUAL EQUIPMENT, FIRE SUPPRESSION SYSTEM EQUIPMENT, FIRE ALARM EQUIPMENT, ETC. PROVIDE THE APPROPRIATE DISCONNECTING MEANS FOR, AND TO MAKE THE FINAL CONNECTION TO, ANY HARMED EQUIPMENT. THE ELECTRICAL CONTRACTOR IS ALSO RESPONSIBLE TO PROVIDE AN APPROPRIATE CORD AND PLUG FOR ANY CORD-AND-PLUG CONNECTED EQUIPMENT THAT IS NOT EQUIPPED WITH AN INTEGRAL CORD AND PLUG.
 - ALL EQUIPMENT, DEVICES, AND LUMINAIRES SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED. EQUIPMENT MOUNTED OUTDOORS SHALL BE NEW 3P. DEVICES MOUNTED IN DAMP OR WET LOCATIONS SHALL BE WEATHERPROOF. RECEPTACLES RATED 15-, OR 20-AMPS AND 120 VOLTS WHICH ARE LOCATED IN DAMP OR WET LOCATIONS SHALL BE GFCI PROTECTED AND EQUIPPED WITH A SUITABLE WEATHERPROOF COVERPLATE (WHILE-IN-USE IN WET LOCATIONS).
 - REFER TO ARCHITECTURAL PLAN FOR RESPONSIBILITY SCHEDULE.
 - ALL SPEAKER WIRE TO BE 16-GAUGE AWG. CABLE SHALL NOT BE IN CONDUIT UNLESS REQUIRED BY CODE.
 - ALL DATA CABLES TO BE HOME RUNS FROM THE DEVICE TO THE MANAGER'S OFFICE WITH THE EXCEPTION OF SPEAKERS THAT SHOULD BE JUMP-CHAIRNED TOGETHER AS SHOWN ON THE PLAN.
 - PROVIDE SERVICE LOOPS SPOOLED AND HUNG NEATLY AT BOTH ENDS OF EACH CABLE 3'-0" AT THE FINAL DEVICE HEIGHT AND 5'-0" AT THE IT RACK, UNLESS NOTED OTHERWISE.
 - ALL LOW VOLTAGE CABLES TO BE TAGGED AND CLEARLY LABELED ON BOTH ENDS WITH A P-TOUCH OR OTHER PRINTED LABEL.
 - PROVIDE (1) 3/4" SLEEVES FOR EACH EXTERIOR DEVICE TO INSIDE OF SPACE.
 - PROVIDE ALL EMPTY CONDUITS WITH PULL STRINGS.
 - PROVIDE ALL THREAD AT EACH CAMERA LOCATION SHOWN ON PLAN FROM CEILING DECK TO 1'-0" BELOW LIGHT TRACK HEIGHT. (REFER TO ARCHITECTURAL PLANS FOR LIGHT TRACK HEIGHT). AT CAMERA LOCATIONS, PROVIDE (1) 4" ROUND/OCTAGON JUNCTION BOX ATTACHED TO BOTTOM OF ALL THREAD.

- KEYED NOTES:
- EXTEND 2" CONDUIT WITH PULL STRING, TO MANAGER'S OFFICE FOR TELECOMMUNICATIONS SERVICE. EXTEND 2" CONDUIT WITH PULL STRING, TO MANAGER'S OFFICE FOR CABLE TELEVISION SERVICE. REFERENCE E100 FOR EXTENSION.
 - PROVIDE TELEPHONE 66 BLOCK FOR NEW TENANT SERVICE MOUNTED IN THE MANAGER'S OFFICE NEAR THE IT RACK. LEVITON #4066 SERIES. WHITE WITH ORANGE COVER OR EQUIVALENT. SEE 2/501 FOR GRADING DETAIL.
 - PROVIDE, INSTALL, AND TERMINATE 25-PAIR CABLE AT BOTH ENDS, INCLUDING AT THE 66 BLOCK IN THE MANAGER'S OFFICE. TESTED AND VERIFY.
 - PROVIDE (2) 3" CONDUITS ABOVE THE IT RACK TO ABOVE THE CEILING FOR CABLE MANAGEMENT. ROUTE ALL DATA CABLES THROUGH ONE OF THE 3" CONDUITS AND ALL OTHER CABLES THROUGH THE OTHER 3" CONDUITS. PROVIDE SLEEVES THROUGH WALL ABOVE CEILING AT FULL HEIGHT WALLS.
 - PROVIDE DATA OUTLET FLUSH IN CEILING FOR WIRELESS ACCESS POINT. REFER TO PLANS FOR LOCATION.
 - PROVIDE JUNCTION BOX SURFACE MOUNTED INSIDE THE WALK-IN COOLER AT 6" APT FOR ALARM PAVIC BUTTON. ROUTE 1/4" EMT WITH PULL-WIRE TO ABOVE CEILING IN THE MANAGER'S OFFICE FOR ALARM CABLING BY OTHERS.
 - ROUTE DATA CABLES FOR CHEF'S COUNTER FULL HEIGHT CHASE WALL. COORDINATE LOCATIONS OF DATA OUTLETS AT CHEF'S COUNTER WITH KITCHEN EQUIPMENT AND PULL CABLES THROUGH CHEF'S COUNTER TO FINAL LOCATION.
 - PROVIDE (1) 1" EMT CONDUIT FROM ABOVE THE IT RACK FOR SATELLITE DISH, IF REQUIRED. VERIFY WITH SHACK SHAKE IF REQUIRED.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - PROVIDE CONDUIT, AS NECESSARY, AT ANY CONCEALED LOCATIONS FOR RTI CABLES TO BE FROM RTI PULL BOX LOCATION TO RTI SYSTEM LOCATION. SEE DETAIL 6/501 FOR ADDITIONAL INFORMATION. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
 - PROVIDE DATA PORT FOR WALK-IN EVAPORATOR. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
 - PROVIDE LOW VOLTAGE WIRING IN MC CABLE TO SINGLE GANG BOX AT THIS POINT FOR RTI CONNECTION TO FRYER, SEE DETAILS 6 AND 6/501 FOR ADDITIONAL INFORMATION.
 - PROVIDE LOW VOLTAGE WIRING IN MC CABLE TO SINGLE GANG BOX AT THIS POINT FOR RTI CONNECTION TO FRYER, SEE DETAILS 6 AND 6/501 FOR ADDITIONAL INFORMATION.
 - FURNISH DETECT SMOKE DETECTOR AND RELAY FOR HVAC UNIT SUPPLY FAN SHUTDOWN. FOR INSTALLATION BY THE MECHANICAL CONTRACTOR. DETECT SMOKE DETECTOR SHALL BE SYSTEM SENSOR #04120 OR EQUAL. PROVIDE 120 VOLT WIRING TO DETECT SMOKE DETECTOR AND CONNECT TO SHACK 20 AMP, 1 POLE CIRCUIT BREAKER WITH HANDLE LOCK-ON ACCESSORY. ALSO PROVIDE A SYSTEM SENSOR #1752-A05, OR EQUAL, REMOTE TEST STATION / MULTI-SIGNALING ACCESSORY. INSTALL MULTI-SIGNALING ACCESSORY IN A CONTINUOUSLY ATTENDED LOCATION, TO BE COORDINATED WITH THE AUTHORITY HAVING JURISDICTION AND OWNER PRIOR TO ROUGH-IN. PROVIDE ALL FINAL WIRING FOR A COMPLETE AND FUNCTIONAL SYSTEM.
 - PROVIDE ANALOG VIDEO MONITORING SYSTEM. VERIFY EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.

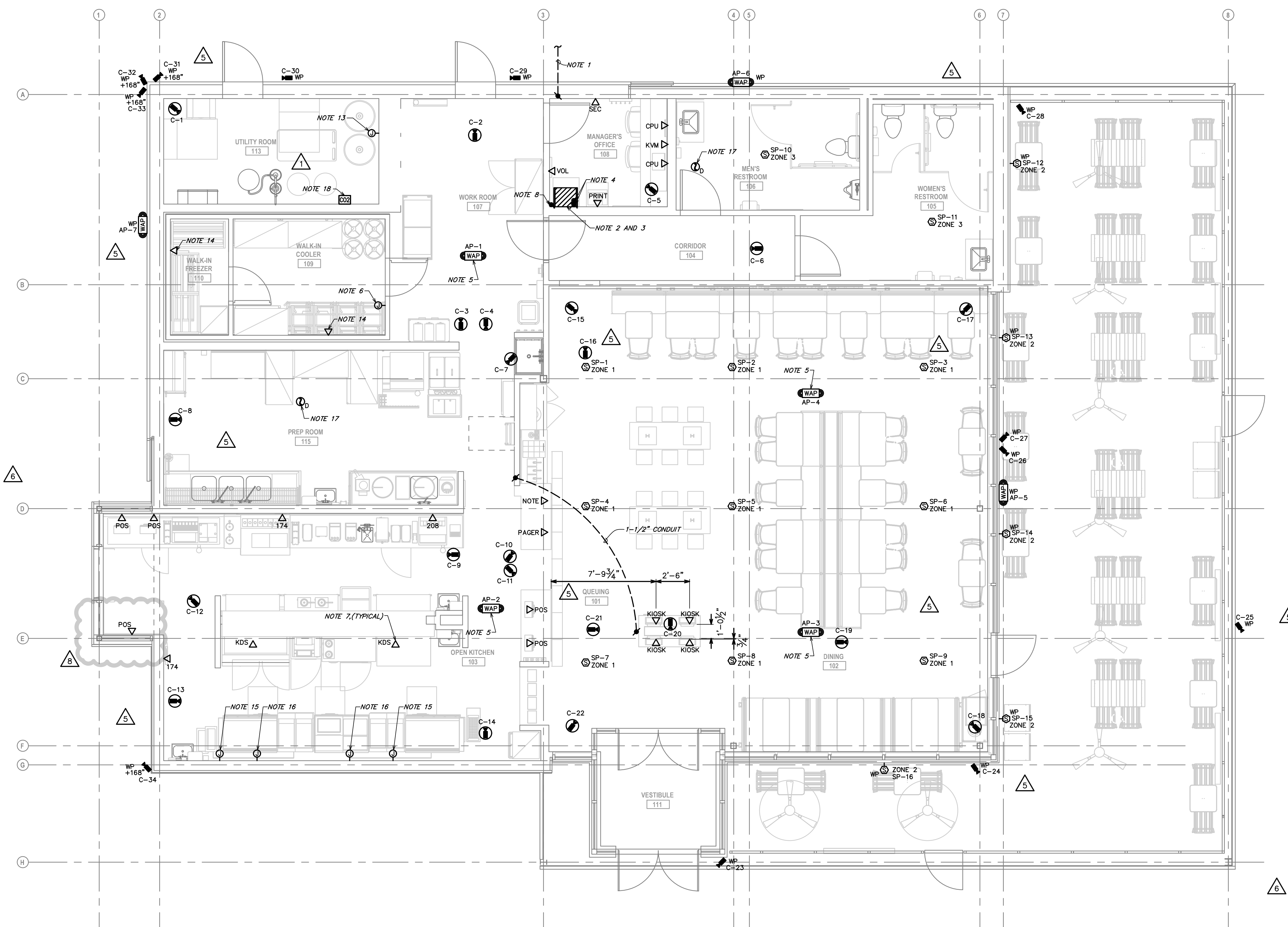
LOW VOLTAGE OUTLET LEGEND					
SYMBOL	CABLE REQUIREMENTS		ADDITIONAL INFORMATION		NOTES
	QTY	TYPE	ORIGIN		
174	2	CAT 5E	IT RACK	60" A.F.F. FOR ITEM #174 KDS	1
208	2	CAT 5E	IT RACK	60" A.F.F. FOR ITEM #208 KDS	1
KDS	2	CAT 5E	IT RACK	IN OVERSHELF FOR KDS SYSTEM	2
KVM	2	CAT 5E	IT RACK	42" A.F.F. FOR KVM SWITCH	3
KIOSK	2	CAT 5E	IT RACK	26" A.F.F. FOR KIOSK	3
PAGER	2	CAT 5E	IT RACK	26" A.F.F. FOR PAGER SYSTEM	2
POS	4	CAT 5E	IT RACK	26" A.F.F. FOR POS TERMINAL	2
PRINTER	2	CAT 5E	IT RACK	48" A.F.F. FOR PRINTER ON SAFE	3
VOL	1	CAT 5E	IT RACK	48" A.F.F. FOR VOLUME CONTROL	3
CPU	4	CAT 5E	IT RACK	18" A.F.F. FOR WORKSTATION	3
SEC	1	CAT 5E	IT RACK	72" A.F.F. FOR SECURITY ALARM PANEL	3
WAP	2	CAT 5E	IT RACK	AT CEILING FOR WIRELESS	5
NOTE	2	CAT 5E	IT RACK	NOTIFICATION BOARD	3

GENERAL NOTES:
A. PROVIDE 4" SQUARE BOX WITH SINGLE GANG PLASTER RING AND 3/4" EMT TO ACCESSIBLE CEILING AREA FOR ALL LOW VOLTAGE WALL OUTLETS UNO.
B. PROVIDE 4" OCTAGON BOX FOR ALL LOW VOLTAGE CEILING OUTLETS UNO.

- SCHEDULE NOTES:
- REFER TO KITCHEN EQUIPMENT ROUGH-IN PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF LOW VOLTAGE OUTLETS FOR KITCHEN DATA SYSTEM.
 - LOW VOLTAGE OUTLET TO BE INSTALLED IN KITCHEN OVERSHELF ABOVE CHEF'S COUNTER. REFER TO KITCHEN SHOP DRAWINGS FOR OUTLET LOCATIONS. PROVIDE 15' OF EXCESS CABLE AT FOR ALL DATA OUTLETS IN OVERSHELF.
 - REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LOW VOLTAGE OUTLETS FOR OFFICE EQUIPMENT AND TELEVISIONS.
 - PROVIDE DATA OUTLET FOR WIRELESS ACCESS POINT AT SAME ELEVATION AS LIGHTING FIXTURES.

CAMERA WIRING LEGEND				
SYMBOL TYPE	CABLE REQUIREMENTS			ADDITIONAL INFORMATION
	QTY	TYPE	ORIGIN	
	1	CAT 5E	IT RACK	STANDARD 2MP DOME
	1	CAT 5E	IT RACK	4MP DARKFIGHTER BULLET CAM

- GENERAL NOTES:
- VERIFY FINAL LOCATIONS AND AIMING OF ALL CAMERAS WITH TENANT.
 - PROVIDE SERVICE LOOPS SPOOLED AND HUNG NEATLY AT BOTH ENDS OF EACH CABLE. 15'-0" AT CAMERA LOCATIONS AND 5'-0" AT THE IT RACK.
 - SUSPENDED INTERIOR CAMERAS TO 10'-0" A.F.F. IN AREAS OPEN TO STRUCTURE.
 - INSTALL EXTERIOR CAMERAS AT 11'-0" A.F.F. UNLESS NOTED OTHERWISE.
 - PROVIDE WAP JUNCTION BOX WITH 3/4" CONDUIT STUBBED INTO TENANT SPACE FOR ALL EXTERIOR CAMERAS.



1 LOW VOLTAGE SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

LA
800 South Figueroa St.
Los Angeles, CA 90017
212.337.1090

BOS
51 Sleeper St.
Boston, MA 02210
617.542.1025

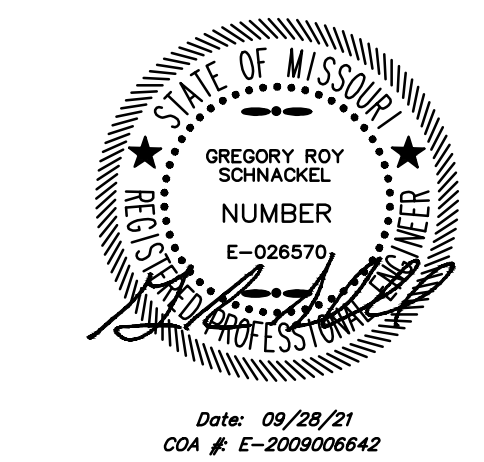
Bergmeyer

CONSULTANTS:



800-581-0963
www.schnackel.com
REG. NO. 20080

SEALED SIGNATURE:



Date: 09/28/21
COA # E-200900042

NO.	BY	DATE	DESCRIPTION
8		2021-09-28	FIELD NOTICE #5
7		2021-09-09	FIELD NOTICE #4
6		2021-09-09	FIELD NOTICE #3
5		2021-05-17	FIELD NOTICE #2
4		2021-05-03	FIELD NOTICE #1
3		2021-04-26	ISSUED FOR CONSTRUCTION
2		2021-03-31	ADDENDUM #2
1		2021-03-09	ADDENDUM #1
		2021-01-11	PERMIT/BID SET
		2020-12-21	75% SET
		2020-10-12	DD SET



SHAKE SHACK - LEE'S SUMMIT MO

LEE'S SUMMIT
MISSOURI
SHACK #1348

PERMIT/BID SET

ELECTRICAL
SCHEDULES AND
ONE-LINE

DRAWN BY: AEH

CHECKED BY: GRS

JOB NO: 20060.00

E601

PANEL "P1"													
FED FROM: VOLTAGE: 120/208V, 3 PHASE, 4 WIRE BUS MATERIAL: ALUMINUM OR COPPER BUS LOAD: 197 AMPS BUS RATING: 225 AMPS MAIN: MAIN LUG ONLY			POWER PANEL "DP"			MOUNTING: ENCLOSURE: NEW FAULT CURRENT: 40079 AMPS AC/SCSR RATING: 65 KAIC OPTIONS*: BONDED AND ISOLATED GROUND BARS			FLUSH MOUNTED NEW 40079 AMPS 65 KAIC BONDED EQUIPMENT GROUND BAR				
NOTES	CKT	LOAD DESCRIPTION	A	B	C	BREAKER	BREAKER	A	B	C	LOAD DESCRIPTION	CKT	NOTES
	1	EMPLOYEE TABLE RECEPT.	360	20/1	20/1	720		20/1	20/1	720	FOOD PROCESSOR	2	GFCI
	3	UTILITY ROOM RECEPT.	180	20/1	20/1	1728		20/1	20/1	1728	TEA BREWER	4	GFCI
	5	DINING/CORRIDOR GEN REC.	540	20/1	45/2	4680		20/1	45/2	4680	DISHWASHER	6	HPL
	7	WORK ROOM RECEPT.	180	20/1	20/1	4680		20/1	20/1	4680		8	
GFCI	9	BEER SYSTEM	1360	20/1	20/1	1620		20/1	20/1	1620	FOOD PROCESSOR	10	GFCI
	11	ICE CUBER	1477	15/2	20/1	600		20/1	20/1	600	WS-1	12	HPL
	13		1477	20/1	20/1	1440		20/1	20/1	1440	TANKLESS HW-1	14	HPL
GFCI	15	BAG-IN-BOX	1800	20/1	20/1	1800		20/1	20/1	1800	NITROGEN TANK	16	GFCI
GFCI	17	DIPPING CABINET	1800	20/1	20/1	1800		20/1	20/1	1800	ICE CHEST/SODA TOWER	18	GFCI
GFCI	19	MIXER	1800	20/1	20/1	720		20/1	20/1	720	BEVERAGE DISPENSER	20	GFCI
GFCI	21	MIXER	624	20/1	20/1	760		20/1	20/1	760	DIPPING CABINET	22	GFCI
GFCI	23	HAND MIXER	660	20/1	20/1	500		20/1	20/1	500	DATA RACK 2	24	
GFCI	25	BEVERAGE DISPENSER	1200	20/1	20/1	500		20/1	20/1	500	DATA RACK 1	26	
GFCI	27	ICE CHEST/SODA TOWER	1800	20/1	20/1	300		20/1	20/1	300	OFFICE PRINTER	28	
GFCI	29	KDS MONITOR	600	20/1	20/1	1500		20/1	20/1	1500	HAND DRYER	30	HPL
GFCI	31	NOTIFICATION BOARD	500	20/1	20/1	432		20/1	20/1	432	DISPLAY FREEZER	32	GFCI
GFCI	33	PAGER SYSTEM	500	20/1	20/1	300		20/1	20/1	300	SECURITY ALARM	34	HLO
	35	ORDER KIOSK PLUMQOLD	1440	20/1	20/1	900		20/1	20/1	900	ORDER COUNTER GEN REC.	36	
	37	MANAGERS DESK IG	720	20/1	20/1	1200		20/1	20/1	1200	P.O.S. TERMINALS	38	GFCI
	39	FLUSHVALVE	400	20/1	20/1	600		20/1	20/1	600	KDS MONITOR	40	GFCI
	41	FAUCET	360	20/1	20/1	1500		20/1	20/1	1500	HAND DRYER	42	HPL
	43	OIL TANK	1800	20/1	20/1	1260		20/1	20/1	1260	SHOW WINDOW REC.	44	
HPL	45	OIL TANK	1800	20/1	20/1	900		20/1	20/1	900	RECEPT.	46	
	47	KDS MONITOR	1500	20/1	15/1	612		20/1	15/1	612	AC-1	48	
TC	49	P-1	400	15/1	20/2	611		15/1	20/2	611	ASHP-1	50	
TC	51	EF-3	448	15/1	20/2	611		15/1	20/2	611		52	
HLO	53	LIGHTING/EM	1335	20/1	20/1	1418		20/1	20/1	1418	STAGE/EXTERIOR LIGHTING	54	
	55	LIGHTING	1168	20/1	20/1	1200		20/1	20/1	1200	SFSG NEON SIGNAGE	56	
	57	EXTERIOR SIGNAGE	1200	20/1	20/1	1080		20/1	20/1	1080	CONTROLLED RECEPT	58	
	59	FANS	413	20/1	20/1	500		20/1	20/1	500	LUTRON WVE HUB	60	
	61	MOTORIZED DAMPER	20	20/1	20/1	100		20/1	20/1	100	REAR DOOR BUZZER	62	
	63	EXTERIOR SIGNAGE	1200	20/1	20/1	180		20/1	20/1	180	DRIVE THRU 20P NOTIFC.	64	GFCI
	65	EXT. DIRECTIONAL SIGN	500	20/1	20/1	200		20/1	20/1	200	FAÇP	66	
	67	SITE LIGHTING	148	20/1	20/1	500		20/1	20/1	500	ORDER MENUBOARD	68	
	69	EXTERIOR RECEPT.	180	20/1	20/1	500		20/1	20/1	500	ORDER MENUBOARD	70	
GFCI	71	CO2 MONITORING SYSTEM	180	20/1	20/1	200		20/1	20/1	200	IRRIGATION CONTROL REC.	72	
	73	HEADSET/BATTERY CHRG	1000	20/1	20/1	500		20/1	20/1	500	PRE MENUBOARD	74	
	75	DT TIMER	200	20/1	20/1	300		20/1	20/1	300	PRE MENUBOARD	76	
	77	DT MONITOR	500	20/1	20/1	500		20/1	20/1	500	CANOPY	78	
	79	SPACE ONLY		20/1	20/1	500		20/1	20/1	500	CANOPY	80	
	81	SPACE ONLY		20/1	20/1	300		20/1	20/1	300	NEW POS TERMINAL	82	
	83	SPACE ONLY		20/1	20/1			20/1	20/1		SPACE ONLY	84	

NOTES:
SEE SPECIFICATIONS FOR OTHER OPTIONS REQUIRED BUT NOT NECESSARILY NOTED HERE
GFCI CIRCUIT BREAKER SHALL BE GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) TYPE
CIRCUIT BREAKER SHALL BE EQUIPPED WITH HANDLE LOCK-ON DEVICE (SQUARE D #H01 OR EQUAL)
HPL CIRCUIT BREAKER SHALL HAVE PERMANENTLY-INSTALLED HANDLE PADLOCK ATTACHMENT TO LOCK BREAKER IN OPEN POSITION (SQUARE D #K06P4F OR EQUAL)
TC CIRCUIT SHALL BE ROUTED THROUGH TIMELOCK FOR AUTOMATIC CONTROL. SEE LIGHTING CONTROL DETAILS.

6

6

NOTES:
SEE SPECIFICATIONS FOR OTHER OPTIONS REQUIRED BUT NOT NECESSARILY NOTED HERE
GFCI CIRCUIT BREAKER SHALL BE GROUND-FAULT CIRCUIT INTERRUPTING (GFCI) TYPE
HLO CIRCUIT BREAKER SHALL BE EQUIPPED WITH HANDLE LOCK-ON DEVICE (SQUARE D #HLO1 OR EQUAL)
HPL CIRCUIT BREAKER SHALL HAVE PERMANENTLY-INSTALLED HANDLE PADLOCK ATTACHMENT TO LOCK BREAKER IN OPEN POSITION (SQUARE D #DOPAF OR EQUAL)
TC CIRCUIT SHALL BE ROUTED THROUGH TIMELOCK FOR AUTOMATIC CONTROL. SEE LIGHTING CONTROL DETAILS.

LOAD ANALYSIS FOR PANEL "P1" (INCLUDING SUBFEEDS)											
LOAD DESCRIPTION	DEMAND FACTOR	PHASE A (VA)		PHASE B (VA)		PHASE C (VA)		TOTAL (VA)		DEMAND	DEMAND
		CONNECT	DEMAND	CONNECT	DEMAND	CONNECT	DEMAND	CONNECT	DEMAND		
LIGHTING:	125%	1317	1646	0	0	2953	3692	4270	5337		
RECEPTACLE:	100%	3300	3300	3820	3820	2120	2120	9240	9240		
OTHER NONCONTINUOUS:	125%	4500	5625	5200	6500	2713	3392	12413	15517		
OTHER NONCONTINUOUS:	125%	4500	5625	5200	6500	2713	3392	12413	15517		
WATER HEATING:	100%	1440	1440	0	0	0	0	1440	1440		
KITCHEN:	65%	11029	7169	12312	8003	12517	8137	35858	23308		
MOTOR:	100%	1031	1031	1059	1059	612	612	2702	2702		
ADD 25% OF LARGEST MOTOR:	100%	102	102	102	102	102	102	306	306		
TOTAL:		25239	22833	23193	20184	26517	23553	74949	66569		
EQUIVALENT AMPS:		21	191	184	169	221	197	209	185		
PHASE BALANCE:		2.90%	19	-9.04%			6.14%				

ELECTRIC HEATER SCHEDULE											
MARK	BTU PER HOUR	WATTS	VOLTAGE	PHASE	AMPS	MANUFACTURER	HEATER	FRAME	THERMOSTAT	DISCONNECT	REMARKS
ECH-1	13,652 BTU/HR	6,000 W	208V	1 PHASE	28.8A	BROMIC	6000 SERIES	N/A	N/A	N/A	1
EUM-1	12,287 BTU/HR	3,600 W	208V	1 PHASE	17.3A	QMARK	EFF4804	N/A	INTEGRAL	INTEGRAL	1

REMARKS:
1. COORDINATE FINAL FINISH AND COLOR WITH ARCHITECT.

FOODSERVICE ELECTRICAL SCHEDULE													
			ROUGH-IN / CONNECTION										
			ELECTRICAL								HGT AFF		
ITEM NO.	QTY	DESCRIPTION	VOLTS	CYCLE	PHASE	KW	HP	AMPS	TYPE	NEMA	ROUTING		REMARKS
1	1	WALKIN COOLER/FREEZER COMBO	120	0 Hz	1	1.92		16.00 A	JBOX		DFA		E.C. TO MOUNT AND INTERWIRE FROM SWITCH TO FLOURSCENT LIGHT FIXTURES.
1A	1	COOLER EVAPORATOR	120/208	0 Hz	1	0.21		1.00 A					INFORMATION SHOWN IS FOR COORDINATION AND IS TO BE VERIFIED WITH THE SHOP DRAWINGS.
1B	1	AIR-COOLED COOLER CONDENSING UNIT	120/208	60 Hz	3	1.72	2	8.25 A		-			INFORMATION SHOWN IS FOR COORDINATION AND IS TO BE VERIFIED WITH THE SHOP DRAWINGS.
1C	1	FREEZER EVAPORATOR	120/208	0 Hz	1	0.21		1.00 A					INFORMATION SHOWN IS FOR COORDINATION AND IS TO BE VERIFIED WITH THE SHOP DRAWINGS.
1D	1	AIR-COOLED COOLER CONDENSING UNIT	120/208	60 Hz	1	1.72	2	8.25 A		-			INFORMATION SHOWN IS FOR COORDINATION AND IS TO BE VERIFIED WITH THE SHOP DRAWINGS.
36	1	ICE CUBER	120/208	60 Hz	1	2.95		14.20 A					TO TOP OF JUNCTION BOX
63	1	DISHWASHER - UNDERCOUNTER	208	60 Hz	1	9.00	1	45.00 A	DIRECT				E.C. SHALL VERIFY DISHWASHER PHASE WITH G.C. PRIOR TO ROUGH-IN, AS REQUIRED. REQUIRE3 WIRES AND GROUND CONNECTION. OUTLET TO BE 16" AFF TO TOP OF OUTLET.
75	1	MIXER, HAND	120	60 Hz	1	0.66	1		5-15P			48"	OUTLET TO BE 48" AFF TO TOP OF OUTLET.
77	1	REHEAT/STAND, WATER TANK, ELECTRIC	208	60 Hz	1	0.60		29.80 A	L6U30P			48"	OUTLET TO BE 48" AFF TO TOP OF OUTLET.
78	1	FOOD PROCESSOR	120	60 Hz	1	0.72	3/4	6.00 A		5-15P		48"	OUTLET TO BE 48" AFF TO TOP OF OUTLET.
90	1	EXHAUST HOOD	120	0 Hz					JBOX				STUB FROM CEILING, TO BE VERIFIED WITH OWNER PRIOR TO ROUGH-IN.
91	1	EXHAUST FAN	120	0 Hz	1	0.86	1	7.20 A	JBOX	DCO	VERIFY		STUB FROM ROOF, TO BE VERIFIED WITH OWNER PRIOR TO ROUGH-IN.
92	1	SUPPLY FAN	120	0 Hz	1	0.86	1	7.20 A	JBOX	DCO	VERIFY		STUB FROM ROOF, TO BE VERIFIED WITH OWNER PRIOR TO ROUGH-IN.
93	1	GREASE COLLECTOR	120	0 Hz	1	2.40		20.00 A	5-20P			16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
94	1	ANSUL	120	0 Hz	1	0.96		8.00 A				88"	STUB FROM CEILING, TO BE VERIFIED WITH OWNER PRIOR TO ROUGH-IN, E.C. TO INTERWIRE TO BUILDING ALARM SYSTEM AND FOR EQUIPMENT SHUTDOWN.
100	2	GAS COUNTER MODEL GRIDDLES		60 Hz	1	0.05		2.00 A					OUTLET TO BE 16" AFF TO TOP OF OUTLET.
100A	1	SAFETY SYSTEM MOVEABLE GAS CONNECTOR		0 Hz									
101A	1	SAFETY SYSTEM MOVEABLE GAS CONNECTOR		0 Hz									
102A	2	EQUIPMENT STAND, REFRIGERATED BASE	60 Hz		1	1.00	1/4	8.70 A		5-15P			OUTLET TO BE 16" AFF TO TOP OF OUTLET.
102E	1	48" REFRIGERATED BASE	60 Hz		1	1.00	1/4	8.70 A		5-15P			OUTLET TO BE 16" AFF TO TOP OF OUTLET.
103	1	FRYER BATTERY, GAS	60 Hz		1			1.40 A	C&P				OUTLET TO BE 16" AFF TO TOP OF OUTLET.
103A	1	SAFETY SYSTEM MOVEABLE GAS CONNECTOR		0 Hz									
103B	1	FILTER DRAWER	115	60 Hz	1	0.84	1/3	7.00 A	C&P	5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
104	1	FRYER BATTERY OF 2	60 Hz		1			1.40 A	C&P				OUTLET TO BE 16" AFF TO TOP OF OUTLET.
104A	1	SAFETY SYSTEM MOVEABLE GAS CONNECTOR		0 Hz									
104B	1	FILTER DRAWER	115	60 Hz	1	0.84	1/3	7.00 A	C&P	5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
105	1	FRY HOLDING STATIONS	120	60 Hz	1	1.09		9.10 A	C&P	5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
121	1	TOAST CONVEYOR	208	60 Hz	1	2.78		13.40 A	C&P	6-20P		42"	ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET, E.C. TO MOUNT OUTLET HORIZONTAL.
122	1	PREP REFRIGERATOR	60 Hz		1		1/3	9.00 A		5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
122A	1	PREP REFRIGERATOR	60 Hz		1		1/3	9.00 A		5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
123	1	WORKTOP FREEZER	115	60 Hz	1	2.24	1/4	2.2 A	C&P	5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
124	1	FOOD TOPPING WARMER	120	60 Hz	1	1.00		8.50 A	C&P	5-15P			ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET. E.C. TO MOUNT OUTLET HORIZONTAL.
125	2	KDS SCREEN	120			1.80		15.00 A	JBOX	5-15P			STUB OUT OF WALL WITH ITEM #130, WIRE IN TOP CHASE. E.C. TO PROVIDE ISOLATED GROUND.
130	1	OVERSHELF		0 Hz	1			20.00 A	JBOX	5-15P		76"	TO SUB OUT OF WALL WITH CIRCUITS FOR ITEM #S 125, 131, 134, 135, 141, (6) 120V/1PH/20AMP CIRCUITS AND (6) DATA OUTLETS.
131A	1	HEATED SHELF FOOD WARMER	120	60 Hz	1	0.95		8.50 A		5-15P			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
132	1	HEATED SHELF FOOD WARMER	120	60 Hz	1	0.77		6.00 A		5-15P			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
133	1	HEAT LAMP	120/208	60 Hz	1	3.10	-	16.00 A	JBOX	-			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
133A	1	HEAT LAMP	120/208	60 Hz	1	2.44	-	12.00 A	JBOX	-			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
134	1	HEAT LAMP	120/208	60 Hz	1	1.62	-	8.50 A	JBOX	-			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
135	1	BUILT IN HEATED SHELF	120	60 Hz	1	0.42		4.00 A		5-15P			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
141	1	KDS SCREEN	120			1.80		15.00 A	JBOX	5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
143	2	CURVED LID DISPLAY FREEZER	115	60 Hz	1	1.80	1/3	1.00 A		5-15P			ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET. E.C. TO MOUNT OUTLET HORIZONTAL.
144	2	FOOD TOPPING WARMER	120	60 Hz	1	1.62		8.50 A	C&P	5-15P		16"	(2) CIRCUITS WITH OVER CURRENT PROTECTION DEVICE OUTLET TO BE 16" AFF TO TOP OF OUTLET, E.C. TO PROVIDE CORD & PLUS PER LOCAL CODES, ALL TO BE VERIFIED WITH MANUFACTURERS SHOP DRAWINGS.
161	1	FROZEN CUSTARD MACHINE	208/230	60 Hz	3	3.12	3	15.00 A		L6-30P			
161	2	REMOTE CONDENSING UNIT	120/208	60 Hz	3	1.72	2	8.25 A		-			
162	1	FROZEN CUSTARD DIPPING CABINET	115	0 Hz	1	1.80		15.00 A	C&P	5-15P		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
172	1	DIPPING CABINET	115	0 Hz	1	0.79	1/3	6.50 A		-		16"	OUTLET TO BE 16" AFF TO TOP OF OUTLET.
174	2	KDS SCREEN	120	60 Hz	1	0.80		4.00 A	JBOX	5-15P			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
181	1	COLD BEVERAGE DISPENSERS	120	60 Hz	1	0.45		4.00 A	C&P	5-15P		42"	ELECTRICAL OUTLET AT 42" AFF TO BOTTOM OF OUTLET. E.C. TO MOUNT OUTLET HORIZONTAL.
182	2	MIXER, DRINK / BAR	120	60 Hz	1	0.90	1/3	7.50 A	C&P	5-15P		42"	ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET. E.C. TO MOUNT OUTLET HORIZONTAL.
184	1	MIXER, DRINKBAR	120	60 Hz	1	0.62	3/4	5.20 A	C&P	5-15P		42"	ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET. E.C. TO MOUNT OUTLET HORIZONTAL.
188	1	DISHWASHER - UNDERCOUNTER	208	60 Hz	1	9.00	1	45.00 A	DIRECT				E.C. SHALL VERIFY DISHWASHER PHASE WITH G.C. PRIOR TO ROUGH-IN, AS REQUIRED. REQUIRE3 WIRES AND GROUND CONNECTION. OUTLET TO BE 16" AFF TO TOP OF OUTLET.
203	2	ICE CHEST AND SODA TOWER	115	60 Hz	1	1.73	-	14.40 A		5-15P		48"	E.C. TO VERIFY ALL UTILITY REQUIREMENTS WITH THE SODA VENDOR.
204	1	TEA BREWER	120	0 Hz	1	0.65		5.60 A		5-15P		42"	ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET, E.C. TO MOUNT OUTLET HORIZONTAL.
206	2	BEVERAGE DISPENSER	120	0 Hz	1	0.65		5.60 A		5-15P		60"	ELECTRICAL OUTLET AT 42" AFF TO THE BOTTOM OF OUTLET, E.C. TO MOUNT OUTLET HORIZONTAL.
208	1	KDS SCREEN	120			1.80		15.00 A	JBOX	5-15P			STUB OUT OF WALL WITH ITEM# 130, WIRE IN TOP CHASE.
221	4	POS TERMINALS											
224	1	DRAFT BEER SYSTEM POWER PACK	120	60 Hz	1	1.44	1/3	12.00 A	C&P	5-20P		114"	E.C. TO VERIFY FINAL LOCATION WITH THE G.C.