

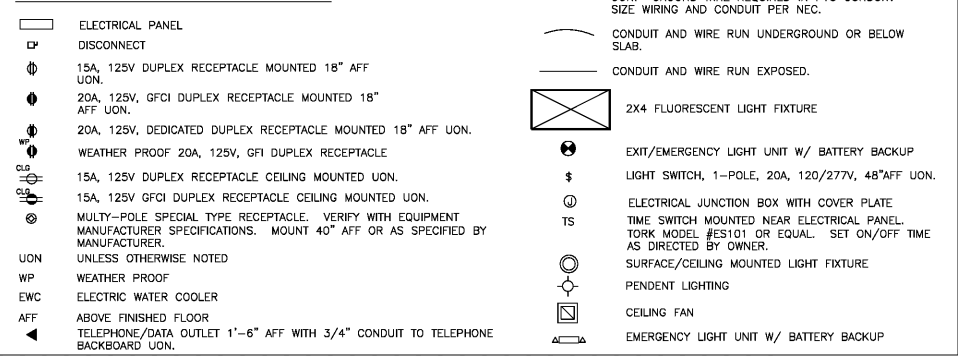
LIGHT FIXTURE SCHEDULE						
TYPE	VOLTS	WATTS	MANUFACTURER	CATALOG NUMBER	# OF LAMPS/TYPE	NOTES
A	120	37 W	LITHONIA	TBD	LED PANELS	2X4 RECESSED TROFFER-LAY IN *PROVIDE LIGHT SHIELD ABV FOOD PREP AREAS
B	120	42 W	LITHONIA	TBD	(3) 13W TRIPLE TUBE CFL	RECESSED CANS *PROVIDE LIGHT SHIELD ABV FOOD PREP AREAS
C	120	26 W (MAX)	TBD	TBD	(2) 13W TRIPLE TUBE CFL	PENDANTS *PROVIDE LIGHT SHIELD ABV FOOD PREP AREAS
D	120	20 W (MAX)	NOVELTY LIGHTS, INC OR EQUAL	MBS15-BK-S14-WW OR EQUAL	(15) 1.1W LED S14 BULBS, E26 MEDIUM BASE (WARM KELVINS)	STRING LIGHTS, EXTERIOR & COMMERCIAL GRADE, UP TO 5' END TO END
E1	120	10 W	LITHONIA	H2M SERIES	(1) 10W LED	WHITE EXIT/EMERGENCY LIGHT FIXTURE WITH RED LETTERS AND 2 HEADS
E2	120	10 W	LITHONIA	6ELM2 SERIES	(1) 10W LED	EMERGENCY LIGHT FIXTURE WITH BATTERY PACK, MOUNT 12" DOWN FROM CEILING.
H	120	10 W	LITHONIA	EXISTING	(1) 10W LED	EMERGENCY DOOR LIGHTING
H2	120	6 W	BOW LIGHTING OR SIMILAR	DBEL-ACEM OR SIMILAR, SURFACE MOUNTED	(2) 3W LED	EXTERIOR EMERGENCY LIGHTING (DECORATIVE), OUTDOOR, UL LISTED FOR WET CONDITIONS, BATTERY BACKUP

*PROVIDE FIXTURES WITH LIGHT SHIELDS OR INSTALL SHATTER RESISTANT COMPACT FLORESCENT BULBS AT ALL LIGHT FIXTURES ABOVE FOOD PREP & SERVICE AREAS, INCLUDING THE BAR.

LANDLORD NOTES:
 1. LANDLORD IS TO APPROVE THE PENDANT LIGHTING PRIOR TO INSTALLATION. A SPEC SHEET FOR THE PENDANT LIGHT "C" IS REQUIRED TO BE PROVIDED TO THE LANDLORD FOR APPROVAL.
 2. WINDOW SIGNS SUBJECT TO LANDLORD REVIEW AND APPROVAL.
 3. LIGHTS IN RESTROOMS TO BE MOTION ACTIVATED.

NOTE FOR PENETRATION OF WALK-IN FREEZER AND COOLER:
 INSERT COMMON FIBERGLASS INSULATION OR EXPANDING FOAM IN THE RACEWAY OR SLEEVE USED AT THE WALK-IN COOLER & FREEZER TO PREVENT CONDENSATION.

ELECTRICAL LEGEND



LIGHTING PLAN SPECIAL NOTES:

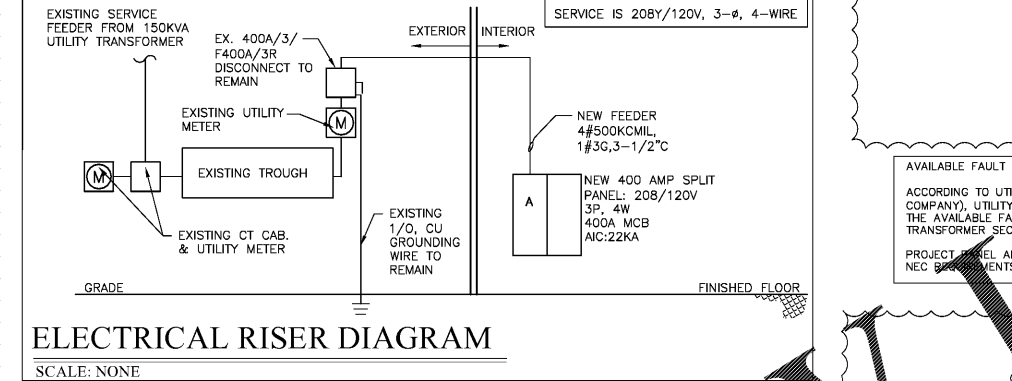
- VERIFY FIXTURE TYPES, LOCATIONS AND MOUNTING HEIGHT WITH OWNER.
- FIXTURES (EXCEPT INCANDESCENT) TO BE PROVIDED WITH LAMPS BY MANUFACTURER.
- VERIFY CEILING TYPES AND PROVIDE MOUNTING CLIPS AND ACCESSORIES AS REQUIRED.
- CONNECT NIGHT LIGHTS, EXIT SIGNS AND EMERGENCY FIXTURES AHEAD OF ANY SWITCHING OR CONTROLS.
- VERIFY EXISTING CONDITIONS PRIOR TO ROUGH-IN. REWIRE LIGHT FIXTURES PER PLAN. MODIFY EXISTING FIXTURES AS REQUIRED TO BE IN GOOD WORKING ORDER AT TURN-OVER. PROVIDE NEW LAMPS AND ACCESSORIES AS REQUIRED.
- VERIFY WITH OWNER LOCATION OF LIGHT SWITCHES PRIOR TO ROUGH-IN. COORDINATE ANY RELOCATING AND CONTROL SCHEME CHANGES AS REQUIRED BY OWNER.

POWER PLAN SPECIAL NOTES:

- CONTRACTOR SHALL VERIFY EXACT REQUIREMENTS AND PROPER INSTALLATION OF ALL ELECTRICAL EQUIPMENT AND FIXTURES PRIOR TO ROUGH-IN.
- EQUIPMENT WITH MAXIMUM OVERCURRENT PROTECTION RATING SHALL BE INSTALLED WITHIN SUCH RATING.
- VERIFY EXISTING CONDITIONS AND MODIFY OR PROVIDE NEW EQUIPMENT AS NECESSARY.
- MODIFY PANEL BREAKERS AS NECESSARY. INSTALLATION SHALL MEET ALL REQUIREMENTS OF NATIONAL FIRE SAFETY CODES AND LOCAL CODES.

GENERAL NOTES:

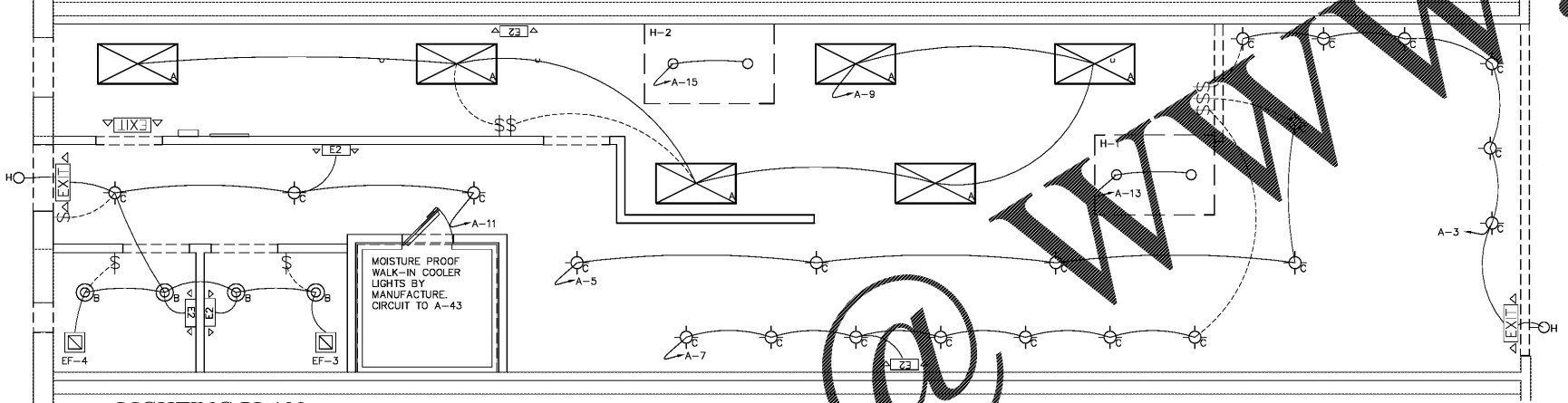
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEM AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY EXISTING SPACE AND CONDITIONS. MAINTAIN DESIGN REQUIREMENTS BUT ADJUST AS REQUIRED TO FIT. CONTRACTOR SHALL PROVIDE COMPLETE AND WORKING SYSTEM.
- VERIFY LOCATIONS AND ORIENTATION OF OUTLETS AND SWITCHES IN FINISHED ROOMS WITH THE ARCHITECTURAL DRAWING AND OWNER'S REPRESENTATIVES. LOCATIONS OF EQUIPMENT AND OTHER MOVEABLE ITEMS ARE SUBJECT TO MODIFICATION AND SHALL BE VERIFIED WITH OWNER'S REPRESENTATIVES PRIOR TO INSTALLATION.
- EACH PANEL BOARD FURNISHED AND INSTALLED UNDER THIS CONTRACT SHALL COMPLETE WITH A GROUND BUS. THIS GROUND BUS SHALL HAVE A CONDUCTOR GROUNDING LOCATION FOR EVERY BRANCH CIRCUIT BREAKER AND FULTERRAN CIRCUIT BREAKER LOCATION. THE SAME SHALL APPLY TO ALL SWITCH PANELS. ALL ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDING IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).
- A PULL WIRE SHALL BE INSTALLED IN ALL EMPTY CONDUIT AND ALL TELEPHONE OUTLETS AND THE PLYWOOD MOUNTING BOARD INSTALLED FOR TELEPHONE EQUIPMENT.
- CONTRACTOR TO VERIFY CONDITIONS OF EXISTING METERS AND SERVICE DROPS AND MAKE ANY CHANGES REQUIRED BY THIS PLAN OR THE NEC.
- ALL WORK PERFORMED BY THE CONTRACTOR ON THIS PROJECT SHALL BE PERFORMED IN A WORKMANLIKE MANNER AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES, THE NEC, OSHA AND NATIONAL ELECTRICAL SAFETY.
- ALL PERMITS REQUIRED FOR CONSTRUCTION OF THIS PROJECT SHALL BE OBTAINED BY THE CONTRACTOR. COPIES OF ALL PERMITS SHALL BE TURNED OVER TO THE OWNER AS THE COMPLETION OF WORK.
- CONTRACTOR SHALL PROVIDE "AS BUILT" PANEL SCHEDULES COMPLETE WITH CIRCUIT IDENTIFICATIONS AND CONNECTED LOAD DATA TO THE OWNER UPON COMPLETION OF WORK AS WELL AS PLACING A TYPED COPY ON THE INSIDE OF DOOR OF EACH PANEL.



AVAILABLE FAULT CURRENT ANALYSIS:
 ACCORDING TO UTILITY COMPANY (GEORGIA POWER COMPANY), UTILITY TRANSFORMER SIZE IS 150KVA. THE AVAILABLE FAULT CURRENT AT UTILITY TRANSFORMER SECONDARY IS 9,800A.
 PROJECT PANEL AIC RATING IS 22KA. COULD MEET NEC REQUIREMENTS.

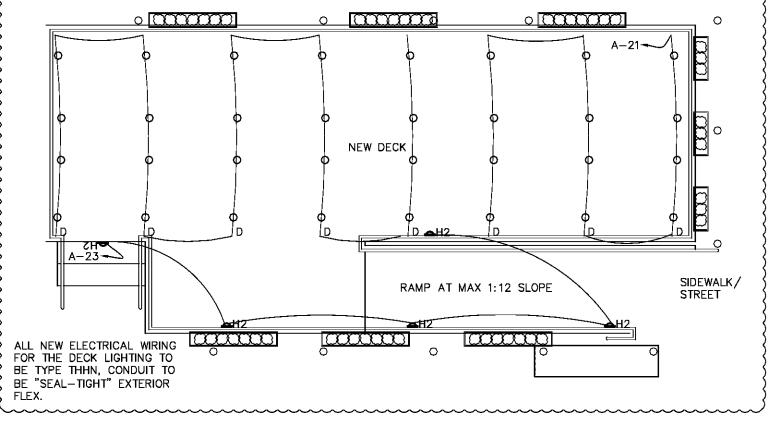
ELECTRICAL RISER DIAGRAM

SCALE: NONE

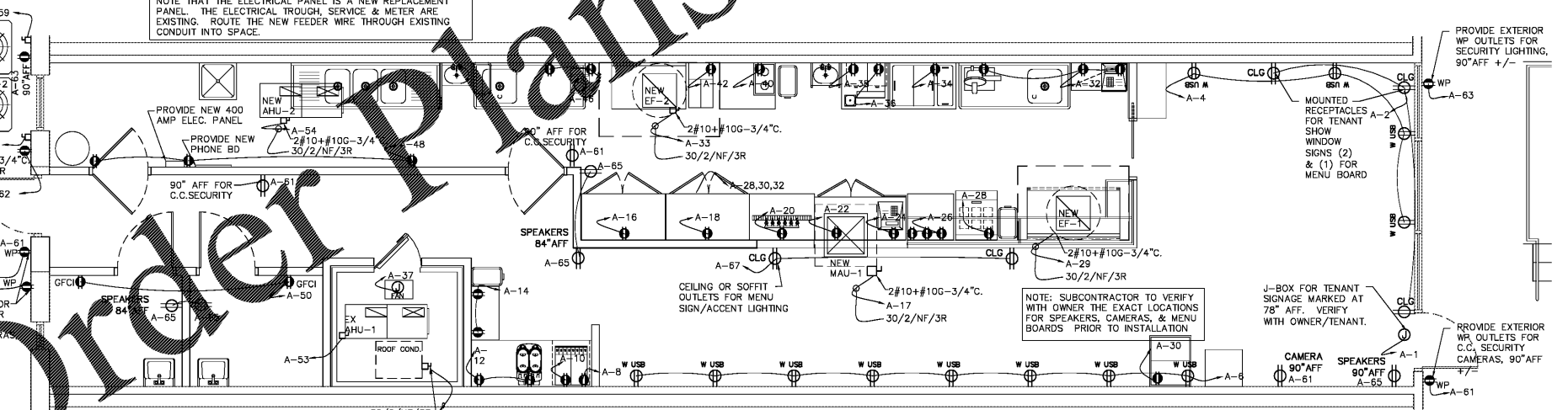


LIGHTING PLAN

SCALE: 1/4"=1'-0"



ALL NEW ELECTRICAL WIRING FOR THE DECK LIGHTING TO BE TYPE THHN, CONDUIT TO BE "SEAL-TIGHT" EXTERIOR FLEX.



POWER PLAN

SCALE: 1/4"=1'-0"

NEW "PANEL A"															
MOUNTING	SURFACE	CIRCUIT #	TRIP	POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD (KVA)				DESCRIPTION	LOAD TYPE	POLE	TRIP	CIRCUIT #
							KVA	PH A	PH B	PH C					
		1	20	1	L	TENANT SIGN	1.0	1.4		0.4	SHOW WINDOW	R	1	20	2
		3	20	1	L	LIGHT-DINING-BENCH	0.2		0.3	0.7	REC-SANDWICH-BENCH	R	1	20	4
		5	20	1	L	LIGHT-DINING-CARD	0.1		1.6	1.4	REC-DINING-USB-TBLS	R	1	20	6
		7	20	1	L	LIGHT-DINING-BOOTH	0.2	0.8		6.4	REC-DRINK DISPENSER	R	1	20	8
		9	20	1	L	LIGHT-KITCHEN & DISH	0.6		2.1	1.8	REC-ICE MACHINE	K	1	20	10
		11	20	1	L	LIGHT-RESTROOM-HALL	0.2		1.0	0.8	REC-TEA DISPENSER	K	1	20	12
		13	20	1	L	LIGHT-HOOD1	0.6	1.0		0.4	REC-WAIT STATION	R	1	20	14
		15	20	1	L	LIGHT-HOOD2	0.6		1.4	0.8	REC-S DR COOLER	K	1	20	16
		17	20	1	O	MALU-1	1.5			2.8	REC-S DR FREEZER	K	1	20	18
		19	20	1	M	SUBMIT TRIP	0.2			0.2	REC-BEER TOWER	K	1	20	20
		21	20	1	L	LIGHT-PATIO	0.17		0.5	0.3	REC-BAKONBAR COOLER	K	1	20	22
		23	20	1	L	LIGHT-TENSAPAT	8.03			1.8	REC-POS SYSTEM	R	1	20	24
		25	20	1	L	LIGHT-TENSAPAT	8.03			0.2	REC-WORK TABLE	K	1	20	26
		27	20	1	O	SPARE				0.4	REC-SANDWICH UNIT	K	1	20	28
		29	20	1	M	EF-1	1.2			1.7	REC-RINGS OF POPS CLR	K	1	20	30
		31	20	1	O	SHUNT TRIP		0.4		0.4	REC-MEAT SLICER	K	1	20	32
		33	20	1	M	EF-2	1.2		1.8	0.7	REC-ICE CREAM DISPENSER	K	1	20	34
		35	20	1	O	SHUNT TRIP				0.2	REC-MILK DISPENSER	K	1	20	36
		37	20	1	M	WALK-IN COOLER FU	0.1	0.5		0.5	REC-CARTR	K	1	20	38
		39	20	2	M	WALK-IN COOLER CU	1.6		0.1	0.5	REC-BULB WARMER	K	1	20	40
		41	20	2	M	WALK-IN COOLER CU	1.6		1.7	0.2	REC-FRYER	K	1	20	42
Total Connected: (KVA)							47.7	11.7	15.8	19.8					
Total Demanded: (KVA)							47.7	11.7	15.8	19.8					
Demand Factor											35.0%				

FIRM NAME AND ADDRESS:
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 newspace@gmail.com



- REVISIONS
- 02/5/2018: HEALTH DEPARTMENT NOTES
 - 02/6/2018: LANDLORD NOTES
 - 02/23/2018: SAP
 - 09/21/2018: CITY COMMENTS
 - 11/07/2018: CITY COMMENTS

RELEASED FOR CONSTRUCTION

PROJECT NAME AND ADDRESS:
INTERIOR RENOVATION PLAN FOR WOODY'S CHEESE STEAKS
 45 IRBY AVE.
 ATLANTA, GA. 30305

DATE: 01/29/18

SHEET TITLE:
PROPOSED POWER & LIGHTING PLANS, PANEL SCHEDULE

SHEET NUMBER:
E-1