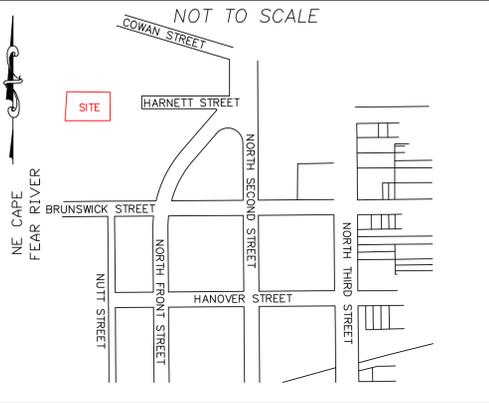


LOCATION MAP



CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
parking	489.30x555.00ft	parking / H-H	213	10.00	(+)	1.97	3.63	0.83	4.35	2.37

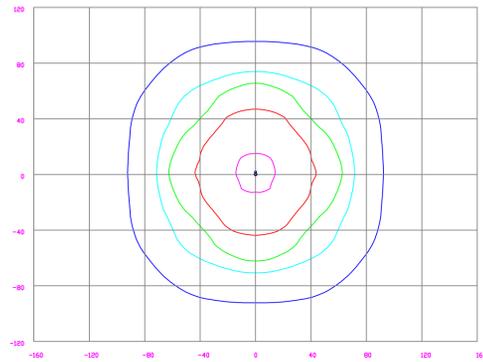
Downtown Wilm restaurants (13-0130) LUMINAIRE SCHEDULE						
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF QTY
253A	⬇	GE LIGHTING LED205_3_1/POLE (1) '2053' LED205_3_1/POLE	(1) 4000K	13620	30' MT HT SiteLighter II	0.85 3
255B	⬇	GE LIGHTING LED205_5_2#180 (2) '2055' LED205_5_1-4/POLE	(2) 4000K	13620	30' MT HT SiteLighter II	0.85 2

ISOFOOTCANDLE CURVES

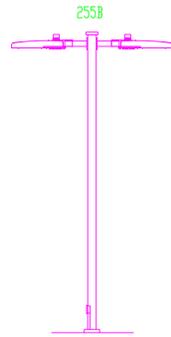
FIXTURE: LED205, EMM
MOUNTING HEIGHT: 30 FT
LIGHT SOURCE: 180 LED'S, 4000K
PATTERN: TYPE V, B4-U0-G2 (zero light at or above 90 degrees)

ASSY# L12KLED205L3MC
POLE ASSY# PLS30ABDSBLC (BLACK)

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.



LEGEND (OUTER to INNER) 0.100 , 0.250 , 0.350 , 0.500 , 0.700

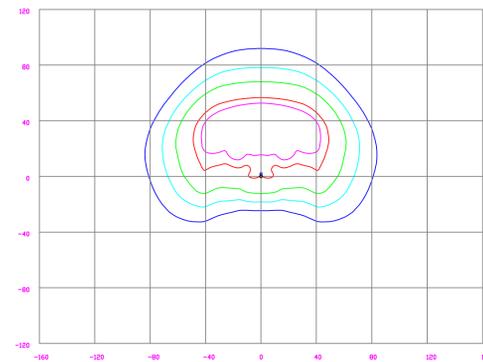


ISOFOOTCANDLE CURVES

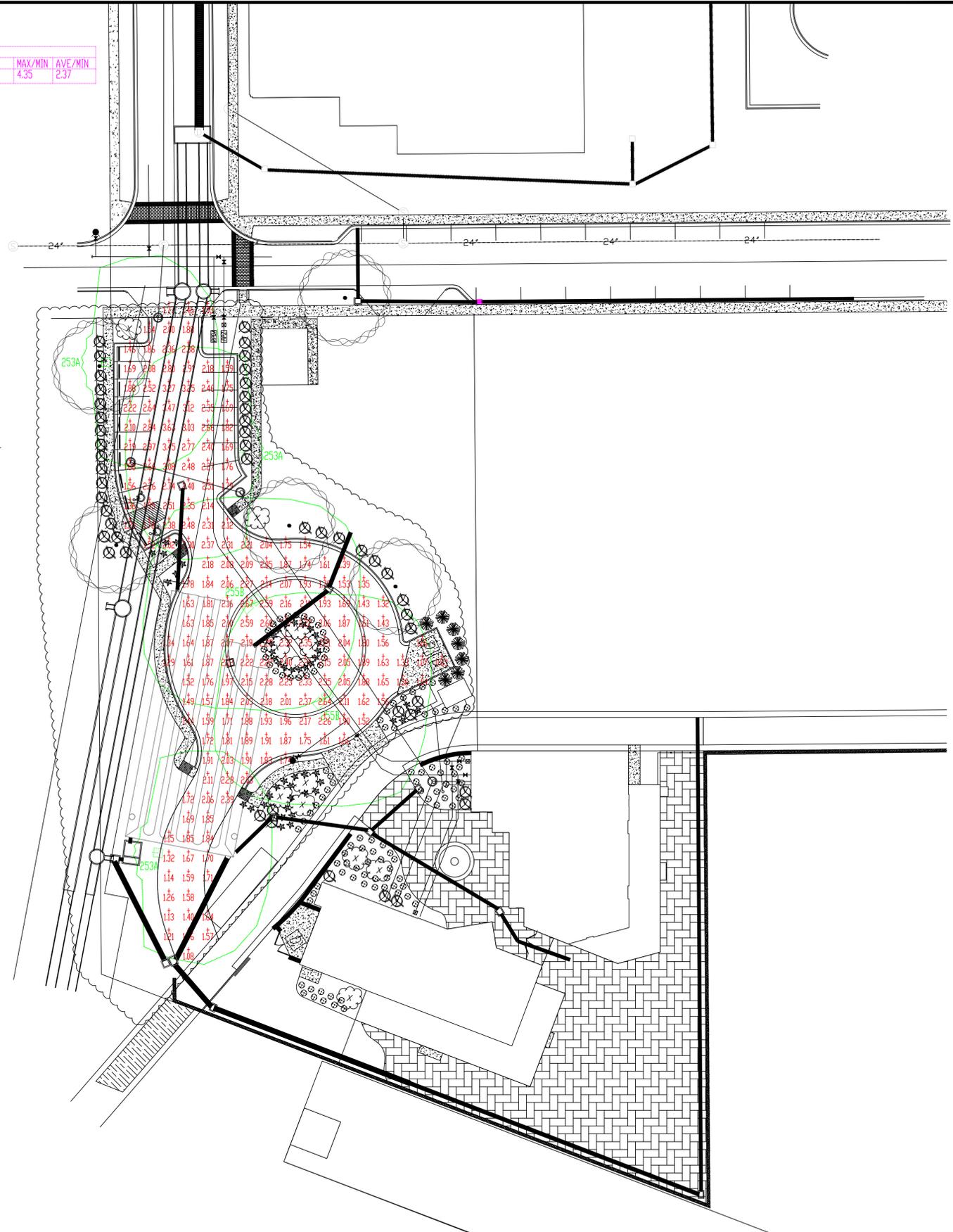
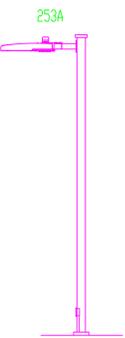
FIXTURE: LED205, EMM
MOUNTING HEIGHT: 30 FT
LIGHT SOURCE: 180 LED'S, 4000K
PATTERN: TYPE III, B2-U0-G2 (zero light at or above 90 degrees)

ASSY# L12KLED205L3MC
POLE ASSY# PLS30ABDSBLC (BLACK)

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.



LEGEND (OUTER to INNER) 0.100 , 0.250 , 0.500 , 1.00 , 1.25



LIGHTING DESIGN TOLERANCE

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy Progress. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.

Customer approval _____ Date _____

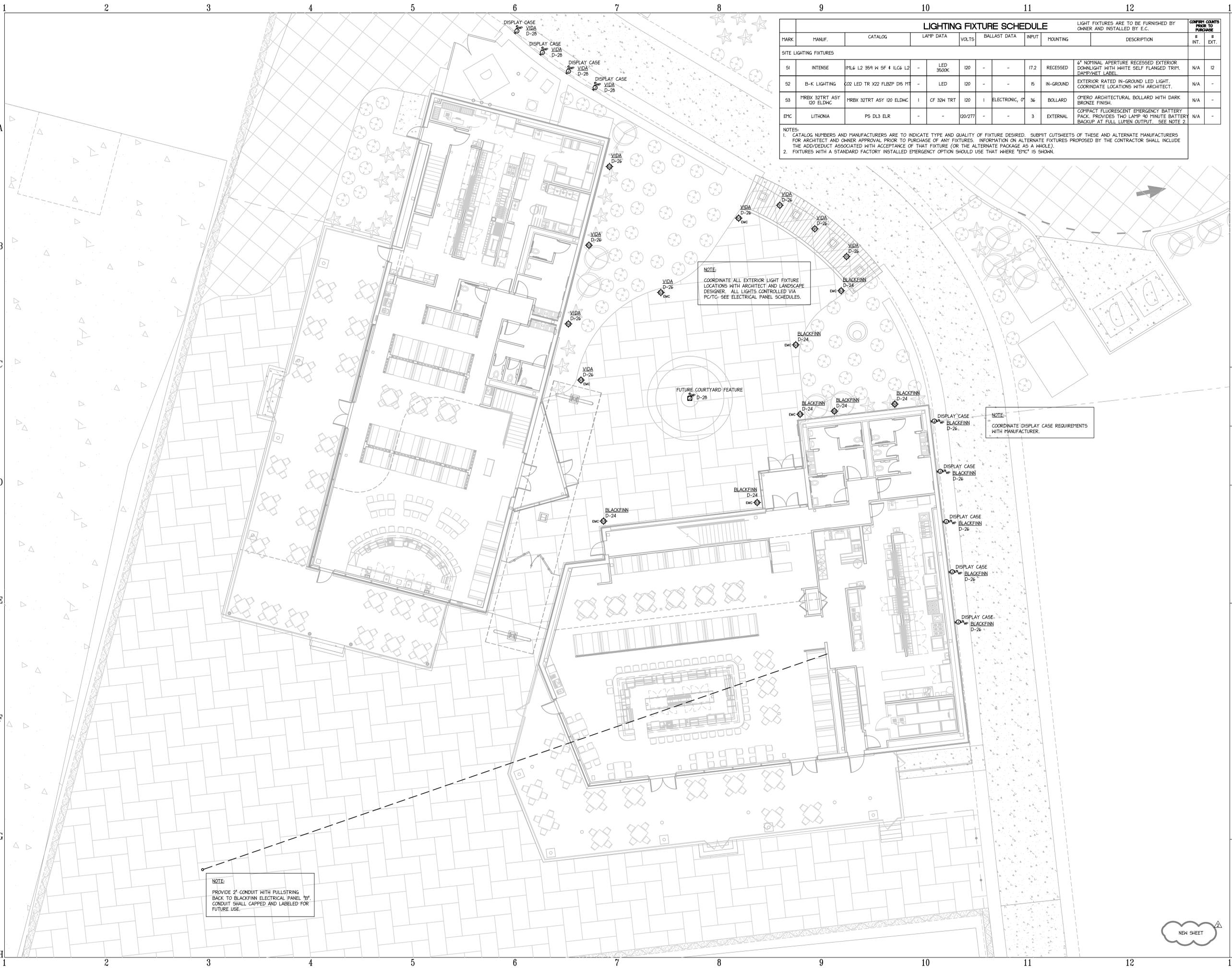


PROPRIETARY & CONFIDENTIAL

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DOWNTOWN WILMINGTON RESTAURANTS
WILMINGTON NC

SITE LIGHTING PLAN
Designed by DEP LIGHTING SOLUTIONS
Reviewed by R. Simpkins Scale 1" = 30'
Date 10/17/2013 Size Arch D
Description LED205 fixtures (Types III & V)
Drawing No. 13-0130A Sht. 1 OF 1



LIGHTING FIXTURE SCHEDULE										LIGHT FIXTURES ARE TO BE FURNISHED BY OWNER AND INSTALLED BY E.C.		CONFIRM QUANTITY PRIOR TO PURCHASE	
MARK	MANUF.	CATALOG	LAMP DATA	VOLTS	BALLAST DATA	INPUT	MOUNTING	DESCRIPTION		# INT.	# EXT.		
SITE LIGHTING FIXTURES													
S1	INTENSE	IML6 L2 359 W 5F # ILC6 L2	-	LED 3500K	120	-	17.2	RECESSED	6" NOMINAL APERTURE RECESSED EXTERIOR DOWNLIGHT WITH WHITE SELF FLANGED TRIM. DAMP/WET LABEL.	N/A	12		
S2	B-K LIGHTING	C02 LED TR X22 FLBZP D15 M1	-	LED	120	-	15	IN-GROUND	EXTERIOR RATED IN-GROUND LED LIGHT. COORDINATE LOCATIONS WITH ARCHITECT.	N/A	-		
S3	PIREX 32TRT ASY 120 ELDWC	PIREX 32TRT ASY 120 ELDWC	1	CF 32W TRT	120	1	ELECTRONIC, 0'	36	BOLLARD	OMERO ARCHITECTURAL BOLLARD WITH DARK BRONZE FINISH.	N/A	-	
EMC	LITHONIA	PS DL3 ELR	-	-	120/277	-	-	3	EXTERNAL	COMPACT FLUORESCENT EMERGENCY BATTERY PACK. PROVIDES TWO LAMP 90 MINUTE BATTERY BACKUP AT FULL LUMEN OUTPUT. SEE NOTE 2.	N/A	-	

NOTES:
 1. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF FIXTURE DESIRED. SUBMIT CUTSHEETS OF THESE AND ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY FIXTURES. INFORMATION ON ALTERNATE FIXTURES PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/DUCT ASSOCIATED WITH ACCEPTANCE OF THAT FIXTURE (OR THE ALTERNATE PACKAGE AS A WHOLE).
 2. FIXTURES WITH A STANDARD FACTORY INSTALLED EMERGENCY OPTION SHOULD USE THAT WHERE "EMC" IS SHOWN.

NOTE:
 COORDINATE ALL EXTERIOR LIGHT FIXTURE LOCATIONS WITH ARCHITECT AND LANDSCAPE DESIGNER. ALL LIGHTS CONTROLLED VIA PC/TG. SEE ELECTRICAL PANEL SCHEDULES.

NOTE:
 COORDINATE DISPLAY CASE REQUIREMENTS WITH MANUFACTURER.

NOTE:
 PROVIDE 2" CONDUIT WITH PULLSTRING BACK TO BLACKFINN ELECTRICAL PANEL "B". CONDUIT SHALL BE CAPPED AND LABELED FOR FUTURE USE.

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 MECHANICAL ELECTRICAL PLUMBING



revisions	
ADDENDUM #2	09-24-13

RIVERFRONT FOOD & BEVERAGE COMPLEX

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ELECTRICAL SITE LIGHTING PLAN
 sheet

ES0.01

date: APRIL 10, 2013
 commission: 12-0050
 drawn by: JRS



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revisions

ADDENDUM #2	09-24-13

RIVERFRONT
FOOD & BEVERAGE
COMPLEX

GENERAL NOTES: (LIGHTING PLAN)

1. LIGHTING LAYOUT AND SWITCH LOCATIONS SHALL BE COORDINATED WITH INTERIOR DESIGNER, ARCHITECT AND OWNER PRIOR TO INSTALLATION.
2. ALL CIRCUITS TO PANEL 'D', UNLESS OTHERWISE NOTED, SEE SWITCH BANK DETAILS (SHEET VDE1.02) AND PANEL 'D' SCHEDULE (VDE1.02) FOR FURTHER INFORMATION ON CIRCUITING AND CONTROL OF LIGHTS.

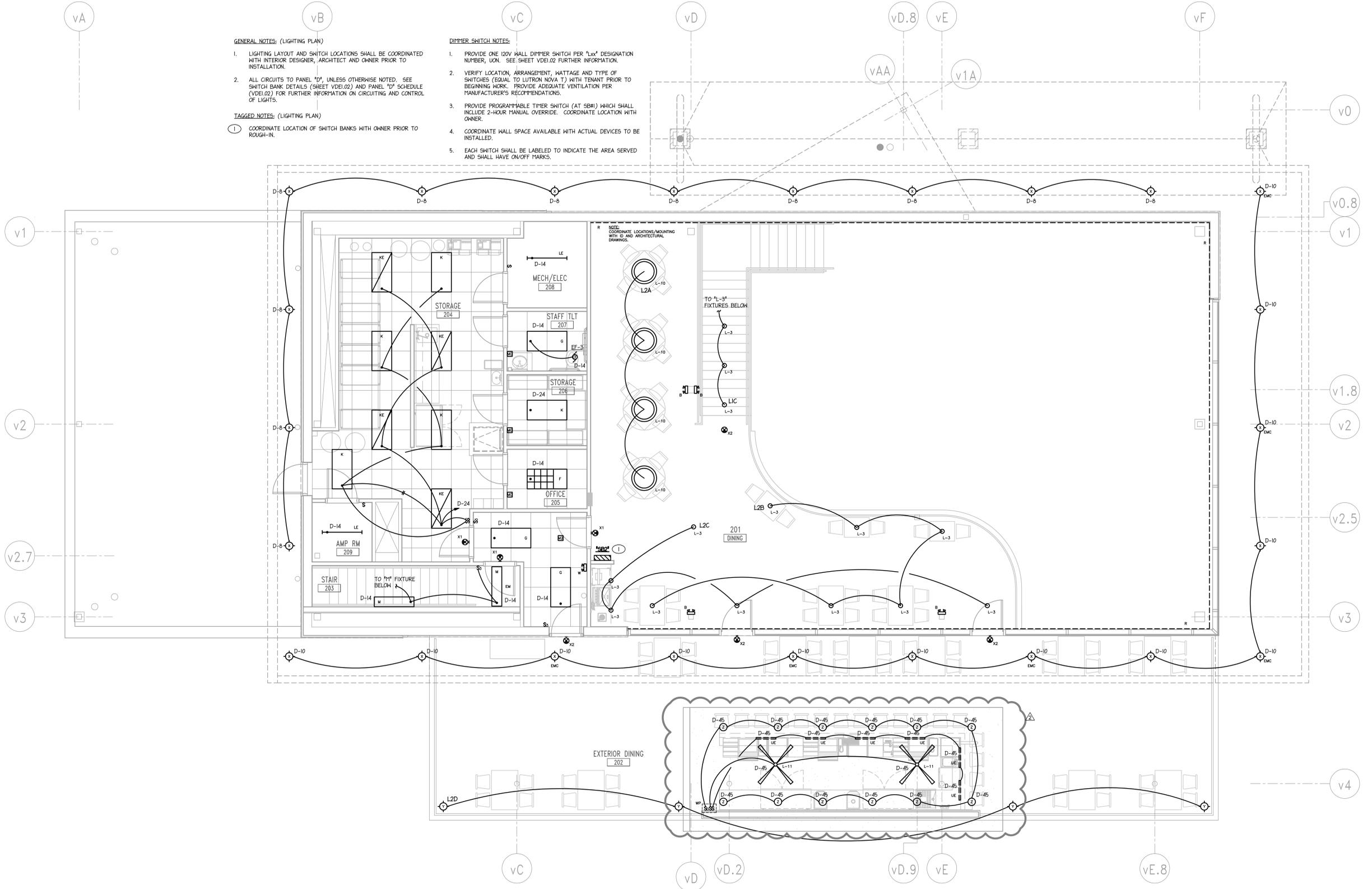
TAGGED NOTES: (LIGHTING PLAN)

1. COORDINATE LOCATION OF SWITCH BANKS WITH OWNER PRIOR TO ROUGH-IN.

DIMMER SWITCH NOTES:

1. PROVIDE ONE 120V WALL DIMMER SWITCH PER "Lx" DESIGNATION NUMBER, UNLESS OTHERWISE NOTED. SEE SHEET VDE1.02 FOR FURTHER INFORMATION.
2. VERIFY LOCATION, ARRANGEMENT, WATTAGE AND TYPE OF SWITCHES (EQUAL TO LUTRON NOVA T) WITH TENANT PRIOR TO BEGINNING WORK. PROVIDE ADEQUATE VENTILATION PER MANUFACTURER'S RECOMMENDATIONS.
3. PROVIDE PROGRAMMABLE TIMER SWITCH (AT SB#1) WHICH SHALL INCLUDE 2-HOUR MANUAL OVERRIDE. COORDINATE LOCATION WITH OWNER.
4. COORDINATE WALL SPACE AVAILABLE WITH ACTUAL DEVICES TO BE INSTALLED.
5. EACH SWITCH SHALL BE LABELED TO INDICATE THE AREA SERVED AND SHALL HAVE ON/OFF MARKS.

NOTE:
COORDINATE LOCATIONS/MOUNTING WITH ID AND ARCHITECTURAL DRAWINGS.



1 MEZZANINE PLAN - LIGHTING
1/4"=1'-0"

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revisions	
ADDENDUM #2	09-24-13

RIVERFRONT
FOOD & BEVERAGE
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POWER PLAN - MEZZANINE
sheet

VDE3.02

date: APRIL 10, 2013
commission: 12-0050
drawn by: JRS

- TAGGED NOTES: (POWER PLAN)**
1. JUNCTION BOX FOR TENANT SIGN BY E.C. COORDINATE FINAL LOCATION AND MOUNTING HEIGHT WITH OWNER AND SIGNAGE REP. PRIOR TO ROUGH-IN. RUN 3/4" CONDUIT TO JUNCTION BOX INSIDE SPACE.
 2. COORDINATE EXACT LOCATION OF DEVICES IN THIS AREA WITH MILLWORK PROVIDED.
 3. E.C. SHALL COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF ALL EQUIPMENT FOR A/V BOOTH, AMP ROOM AND A/V RACKS WITH OWNER AND ELEVATIONS PRIOR TO ROUGH-IN.
 4. 8"x8" JUNCTION BOX. LOCATION BY A.V. CONSULTANT. SEE ELEVATIONS BY A.V. DESIGNER FOR FURTHER INFORMATION.
 5. PROVIDE 2" CONDUIT WITH HEATHERHEAD UP TO ROOF FOR SATELLITE/TV CONNECTION. TERMINATE AT CEILING. COORDINATE EXACT ROUTING, TERMINATION POINT AND REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
 6. COORDINATE OUTLET LOCATIONS AT BAR FRONT WITH ARCHITECTURAL DRAWINGS.
 7. COORDINATE EXACT LOCATION AND REQUIREMENTS OF DOOR OPENER WITH MANUFACTURER. PROVIDE CONDUITS WITH FULLSTRING.

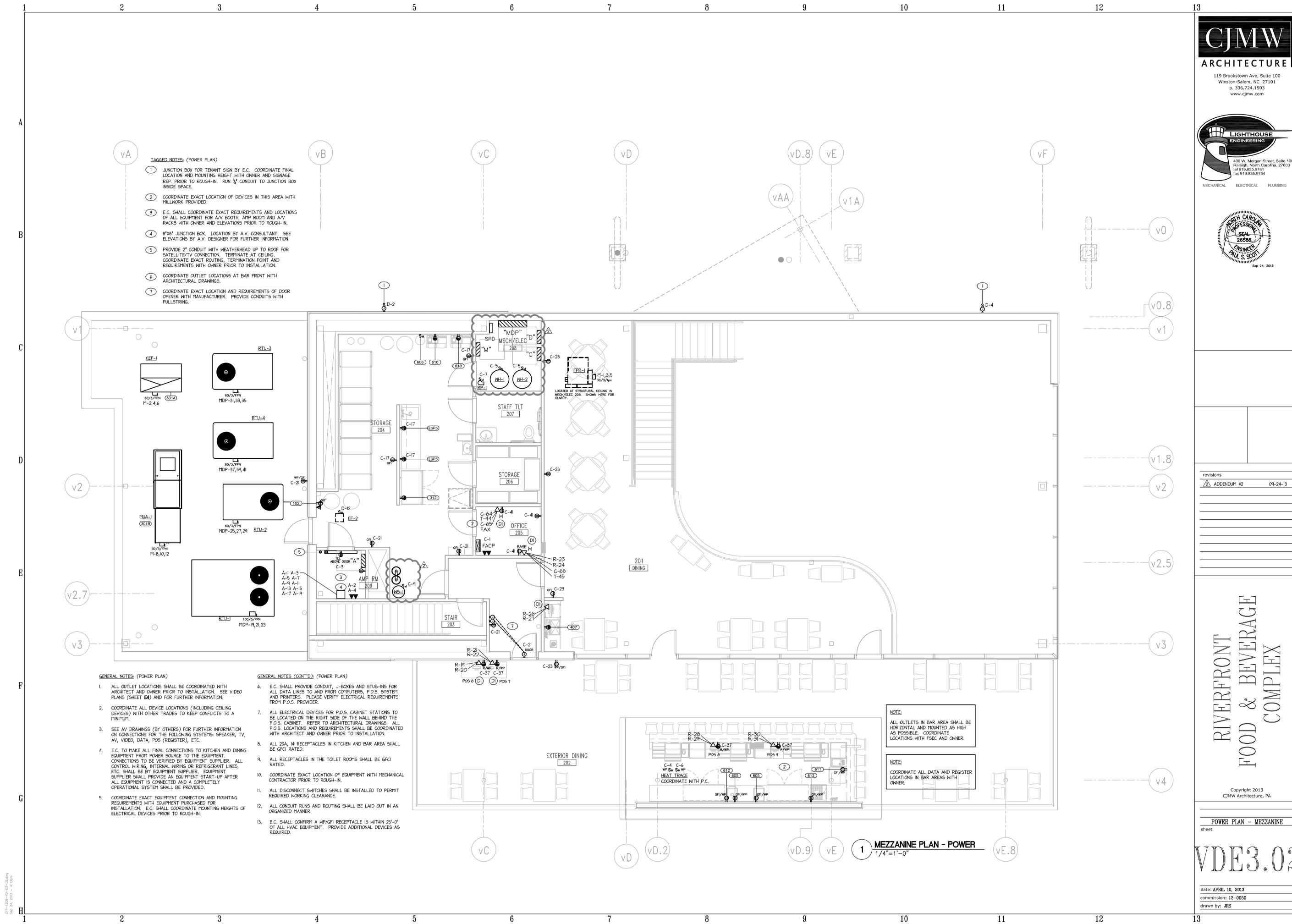
- GENERAL NOTES: (POWER PLAN)**
1. ALL OUTLET LOCATIONS SHALL BE COORDINATED WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION. SEE VIDEO PLANS (SHEET E4) AND FOR FURTHER INFORMATION.
 2. COORDINATE ALL DEVICE LOCATIONS (INCLUDING CEILING DEVICES) WITH OTHER TRADES TO KEEP CONFLICTS TO A MINIMUM.
 3. SEE AV DRAWINGS (BY OTHERS) FOR FURTHER INFORMATION ON CONNECTIONS FOR THE FOLLOWING SYSTEMS: SPEAKER, TV, AV, VIDEO, DATA, POS (REGISTER), ETC.
 4. E.C. TO MAKE ALL FINAL CONNECTIONS TO KITCHEN AND DINING EQUIPMENT FROM POWER SOURCE TO THE EQUIPMENT. CONNECTIONS TO BE VERIFIED BY EQUIPMENT SUPPLIER. ALL CONTROL WIRING, INTERNAL WIRING OR REFRIGERANT LINES, ETC. SHALL BE BY EQUIPMENT SUPPLIER. EQUIPMENT SUPPLIER SHALL PROVIDE AN EQUIPMENT START-UP AFTER ALL EQUIPMENT IS CONNECTED AND A COMPLETELY OPERATIONAL SYSTEM SHALL BE PROVIDED.
 5. COORDINATE EXACT EQUIPMENT CONNECTION AND MOUNTING REQUIREMENTS WITH EQUIPMENT PURCHASER FOR INSTALLATION. E.C. SHALL COORDINATE MOUNTING HEIGHTS OF ELECTRICAL DEVICES PRIOR TO ROUGH-IN.

- GENERAL NOTES (CONT'D): (POWER PLAN)**
6. E.C. SHALL PROVIDE CONDUIT, J-BOXES AND STUB-INS FOR ALL DATA LINES TO AND FROM COMPUTERS, P.O.S. SYSTEM AND PRINTERS. PLEASE VERIFY ELECTRICAL REQUIREMENTS FROM P.O.S. PROVIDER.
 7. ALL ELECTRICAL DEVICES FOR P.O.S. CABINET STATIONS TO BE LOCATED ON THE RIGHT SIDE OF THE WALL BEHIND THE P.O.S. CABINET. REFER TO ARCHITECTURAL DRAWINGS. ALL P.O.S. LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
 8. ALL 20A, 10 RECEPTACLES IN KITCHEN AND BAR AREA SHALL BE GFCI RATED.
 9. ALL RECEPTACLES IN THE TOILET ROOMS SHALL BE GFCI RATED.
 10. COORDINATE EXACT LOCATION OF EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
 11. ALL DISCONNECT SWITCHES SHALL BE INSTALLED TO PERMIT REQUIRED WORKING CLEARANCE.
 12. ALL CONDUIT RUNS AND ROUTING SHALL BE LAID OUT IN AN ORGANIZED MANNER.
 13. E.C. SHALL CONFIRM A WP/GFI RECEPTACLE IS WITHIN 25'-0" OF ALL HVAC EQUIPMENT. PROVIDE ADDITIONAL DEVICES AS REQUIRED.

NOTE:
ALL OUTLETS IN BAR AREA SHALL BE HORIZONTAL AND MOUNTED AS HIGH AS POSSIBLE. COORDINATE LOCATIONS WITH FSEC AND OWNER.

NOTE:
COORDINATE ALL DATA AND REGISTER LOCATIONS IN BAR AREAS WITH OWNER.

1 MEZZANINE PLAN - POWER
1/4"=1'-0"



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