

LUMINAIRE SCHEDULE						
SYMBOL	QTY	LABEL	DESCRIPTION	NOTE	LUMENS	LLF
	10	VT	VT232UNV-L12-F32T8		2900	0.750
	10	A	EDSUN MH-175		12,800	0.58
	4	EMERGENCY LIGHT	ELM2 LED MH M12		80	0.35

PARKING AND NONENCLOSED AREAS UNDER OR WITHIN BUILDINGS AT GRADE SHALL BE PROVIDED WITH A MAINTAINED MINIMUM OF 1 FOOT-CANDLE OF LIGHT ON THE PARKING AND WALKING SURFACES FROM DUSK UNTIL DAWN AND THE RATIO OF MAXIMUM TO MINIMUM ILLUMINATION IN FOOT-CANDLES SHALL NOT EXCEED TWELVE TO ONE (12:1) PROVIDED, HOWEVER, THE LIGHTING LEVEL MAY BE REDUCED BY FIFTY (50) PERCENT ON NON-BUSINESS DAYS AND COMMENCING THIRTY (30) MINUTES AFTER THE TERMINATION OF BUSINESS ON EACH OPERATING DAY. THIS PROVISION SHALL NOT APPLY TO GOVERNMENTAL FACILITIES NOT GENERALLY OPEN TO THE PUBLIC, AND SHALL APPLY TO THOSE GOVERNMENTAL FACILITIES THAT ARE GENERALLY OPEN TO THE PUBLIC ONLY DURING THE DUSK-TO-DAWN HOURS SUCH FACILITIES ARE OPEN.

NOTE:

- ALL ELECTRICAL EQUIPMENT SHALL BE ABOVE FLOOD LEVEL.
- ALL EXTERIOR LIGHTS AND ALL FIRE ALARM DEVICES IN THE GARAGE AND EXTERIOR TO BE UL LISTED WATER PROOF LISTED FOR USE.

C405.2.4 Exterior Lighting Controls

LIGHTING NOT DESIGNATED FOR DUSK-TO-DAWN OPERATION.
- SHALL BE CONTROLLED BY EITHER A COMBINATION PHOTO SENSOR AND A TIME SWITCH* OR AN ASTRONOMICAL TIME SWITCH*.

LIGHTING DESIGNATED FOR DUSK-TO-DAWN OPERATION
- SHALL BE CONTROLLED BY AN ASTRONOMICAL TIME SWITCH* OR PHOTO SENSOR.

*ALL TIME SWITCHES MUST BE CAPABLE OF RETAINING SETTINGS FOR 10 HOURS DURING POWER LOSS.

VOLTAGE DROP CALCULATION							
Worst Circuit (5.7H)							
POINT	DIST. (F)	AMPS	WIRE	VD (V)	VOLTAGE	% VD	CIRC.
1(Reference) PNL H & La					240.00		
2 (AT FIXTURE Lb)	12	8.00	#12	0.232	239.77	0.10	5.7 H
3 (AT FIXTURE Lc)	36	4.40	#12	0.383	239.38	0.26	"
4 (AT FIXTURE Ld)	32	2.92	#12	0.226	239.16	0.35	"
5 (AT FIXTURE Le)	42	0.73	#12	0.074	239.08	0.38	"

ELECTRICAL NOTES

- 1- ALL WORK SHALL BE PERFORMED IN ACCORDING WITH THE FLORIDA BUILDING CODE (FBC 2017), NEC 2014 AND FAIR HOUSING CODE.
- 2- ALL WIRING SHALL BE COPPER (CU) THIN INSULATION.
- 3- ALL CIRCUIT BREAKERS SHALL BE RATED AT MINIMUM OF 10,000 AIC.
- 4- PRIOR TO INSTALLATION OF ROUGH ELECTRICAL WIRING, CHECK NAMEPLATE DATA OF ALL EQUIPMENT FOR REQUIRED VOLTAGES, MINIMUM CIRCUIT AMPACITY, AND OVERCURRENT PROTECTION.
- 5- ELECTRICAL CALCULATIONS WERE BASED ON INFORMATION PROVIDED BY ELECTRICAL CONTRACTOR AND OWNER AGENT. ELECTRICAL CONTRACTOR TO VERIFY LOAD FOR EACH CIRCUIT AND ADJUST ACCORDINGLY, CHANGES TO BE REFLECTED IN THE DRAWINGS.
- 6- ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
- 7- ALL NEW CONDUCTORS SHALL BE RUN IN CONDUIT (METALLIC TYPE) UNLESS THAT NONMETALLIC SHEATHED CABLE CAN BE USED IN DRY LOCATIONS AS PER NEC 338-6.
- 8- IF PVC CONDUITS ARE USED FOR UNDERGROUND FEEDERS, AN EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH N.E.C. 250 - 122 MUST BE INSTALLED AND CONDUIT SIZE INCREASED AS REQUIRED.
- 9- TYPEWRITTEN PANEL TALLY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL CHANGES AND ADDITIONS FOR NEW PANELS.
- 10- THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR INSTALLATION OF MACHANICAL EQUIPMENT.
- 11- RISERS ARE DIAGRAMMATIC ONLY. THEY DO NOT SHOW EVERY BEND REQUIRED FOR THE INSTALLATION. ELECTRICAL CONTRACTOR TO FIND BEST POSSIBLE ROUTE FOR ALL CIRCUITS.
- 12- THIS DRAWING IS A GUIDE FOR THE INSTALLATION OF ELECTRICAL SERVICE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE A FUNCTIONING SYSTEM.
- 13- PROVIDED ARC/FAULT PROTECTION THROUGHOUT IN ALL APARTMENTS AS PER (FBC 2017), (NEC 2014) 210.12.
PROVIDE TAMPER PROOF RECEIPT THROUGHOUT IN ALL APARTMENTS PER (FBC 2017) , (NEC 2014) 406.12

REVISIONS

No.	

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NEW MULTIFAMILY BUILDING (8 UNITS)

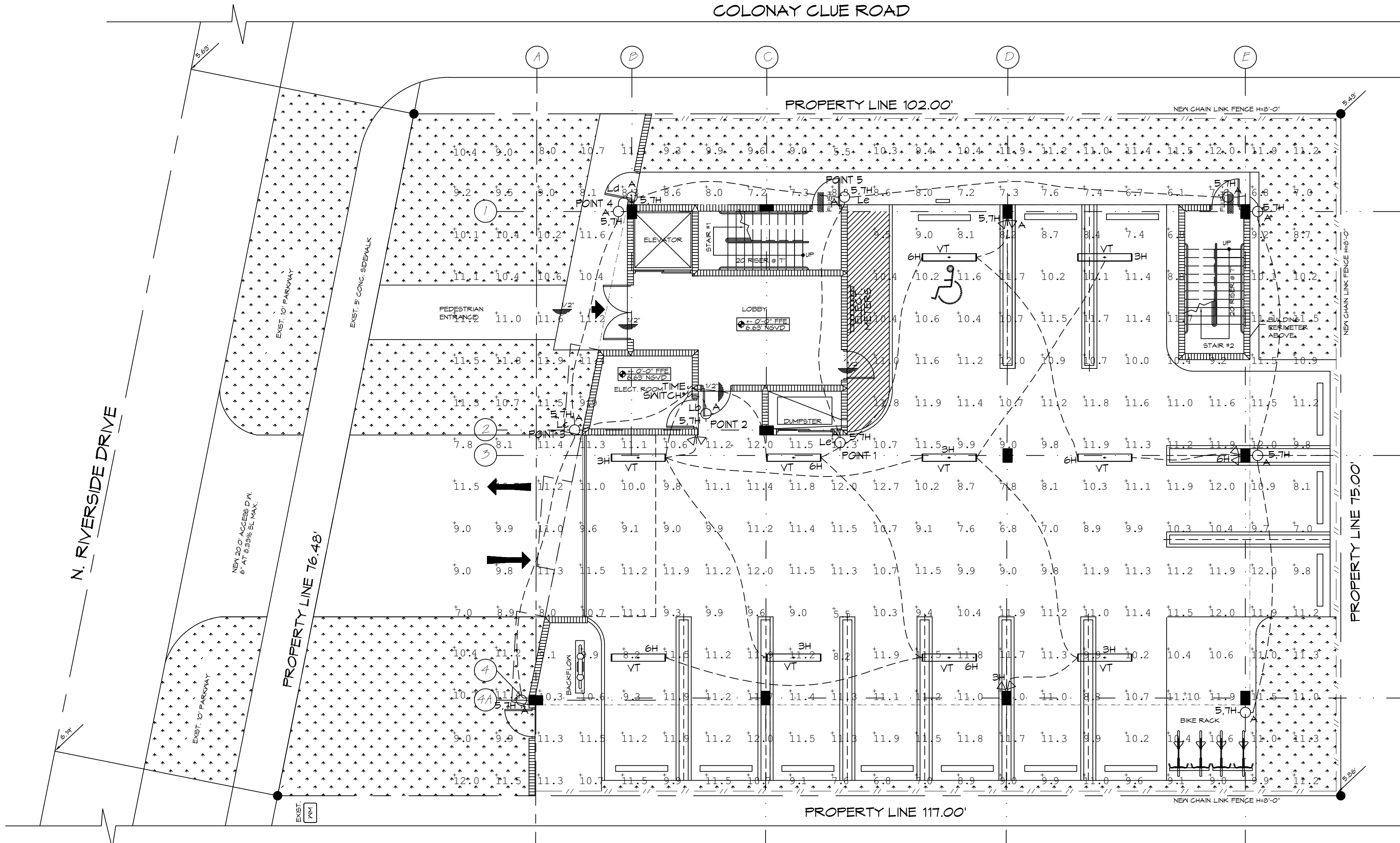
OWNER: BRANESP REALTY VENTURES LLC
ADDRESS: 524 N. RIVERSIDE DR.
POMPANO BEACH, FLORIDA 33062

Rub
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Pujol
Digitally signed by Ruben J Pujol
Date: 2020.02.25 19:26:35 -05'00'

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DRC
PZ20-12000042
1/20/21



LIGHTING LEVELS

50:1/8"=1'