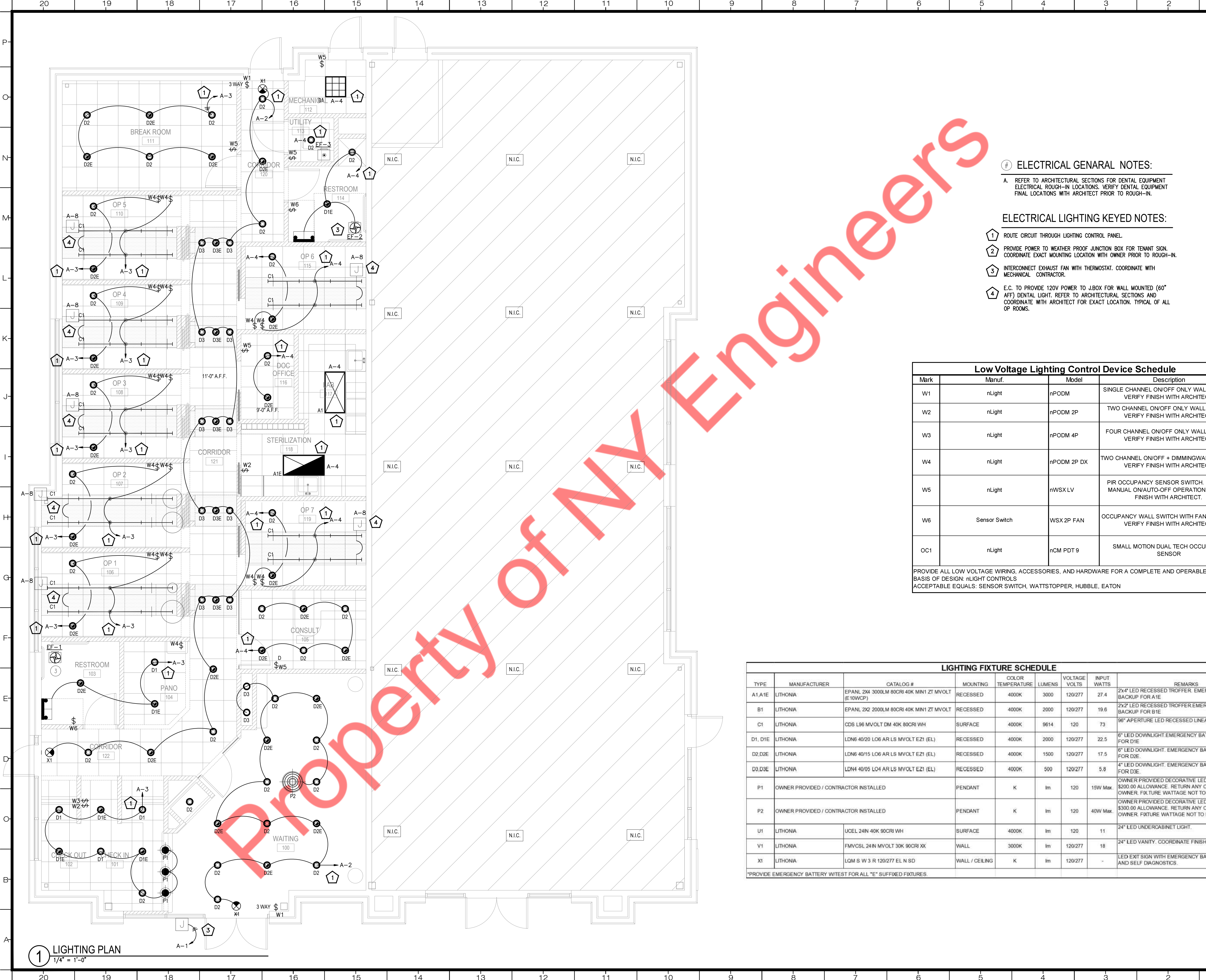




- # ELECTRICAL GENARAL NOTES:
- A. REFER TO ARCHITECTURAL SECTIONS FOR DENTAL EQUIPMENT ELECTRICAL ROUGH-IN LOCATIONS. VERIFY DENTAL EQUIPMENT FINAL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.

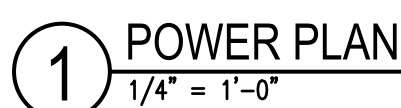
- ELECTRICAL LIGHTING KEYED NOTES:
- 1 ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL.
- 2 PROVIDE POWER TO WEATHER PROOF JUNCTION BOX FOR TENANT SIGN. COORDINATE EXACT MOUNTING LOCATION WITH OWNER PRIOR TO ROUGH-IN.
- 3 INTERCONNECT EXHAUST FAN WITH THERMOSTAT. COORDINATE WITH MECHANICAL CONTRACTOR.
- 4 E.C. TO PROVIDE 120V POWER TO J.BOX FOR WALL MOUNTED (60" AFF) DENTAL LIGHT. REFER TO ARCHITECTURAL SECTIONS AND COORDINATE WITH ARCHITECT FOR EXACT LOCATION. TYPICAL OF ALL OP. ROOMS.

Low Voltage Lighting Control Device Schedule			
Mark	Manuf.	Model	Description
W1	nLight	nPDM	SINGLE CHANNEL ON/OFF ONLY WALL SWITCH. VERIFY FINISH WITH ARCHITECT.
W2	nLight	nPDM 2P	TWO CHANNEL ON/OFF ONLY WALL SWITCH. VERIFY FINISH WITH ARCHITECT.
W3	nLight	nPDM 4P	FOUR CHANNEL ON/OFF ONLY WALL SWITCH. VERIFY FINISH WITH ARCHITECT.
W4	nLight	nPDM 2P DX	TWO CHANNEL ON/OFF + DIMMINGWALL SWITCH. VERIFY FINISH WITH ARCHITECT.
W5	nLight	nWSX LV	PIR OCCUPANCY SENSOR SWITCH. SET FOR MANUAL ON/AUTO-OFF OPERATION. VERIFY FINISH WITH ARCHITECT.
W6	Sensor Switch	WSX 2P FAN	OCCUPANCY WALL SWITCH WITH FAN CONTROL. VERIFY FINISH WITH ARCHITECT.
OC1	nLight	nCM PDT 9	SMALL MOTION DUAL TECH OCCUPANCY SENSOR

PROVIDE ALL LOW VOLTAGE WIRING, ACCESSORIES, AND HARDWARE FOR A COMPLETE AND OPERABLE SYSTEM.
BASIS OF DESIGN: nLIGHT CONTROLS
ACCEPTABLE EQUALS: SENSOR SWITCH, WATTSTOPPER, HUBBLE, EATON

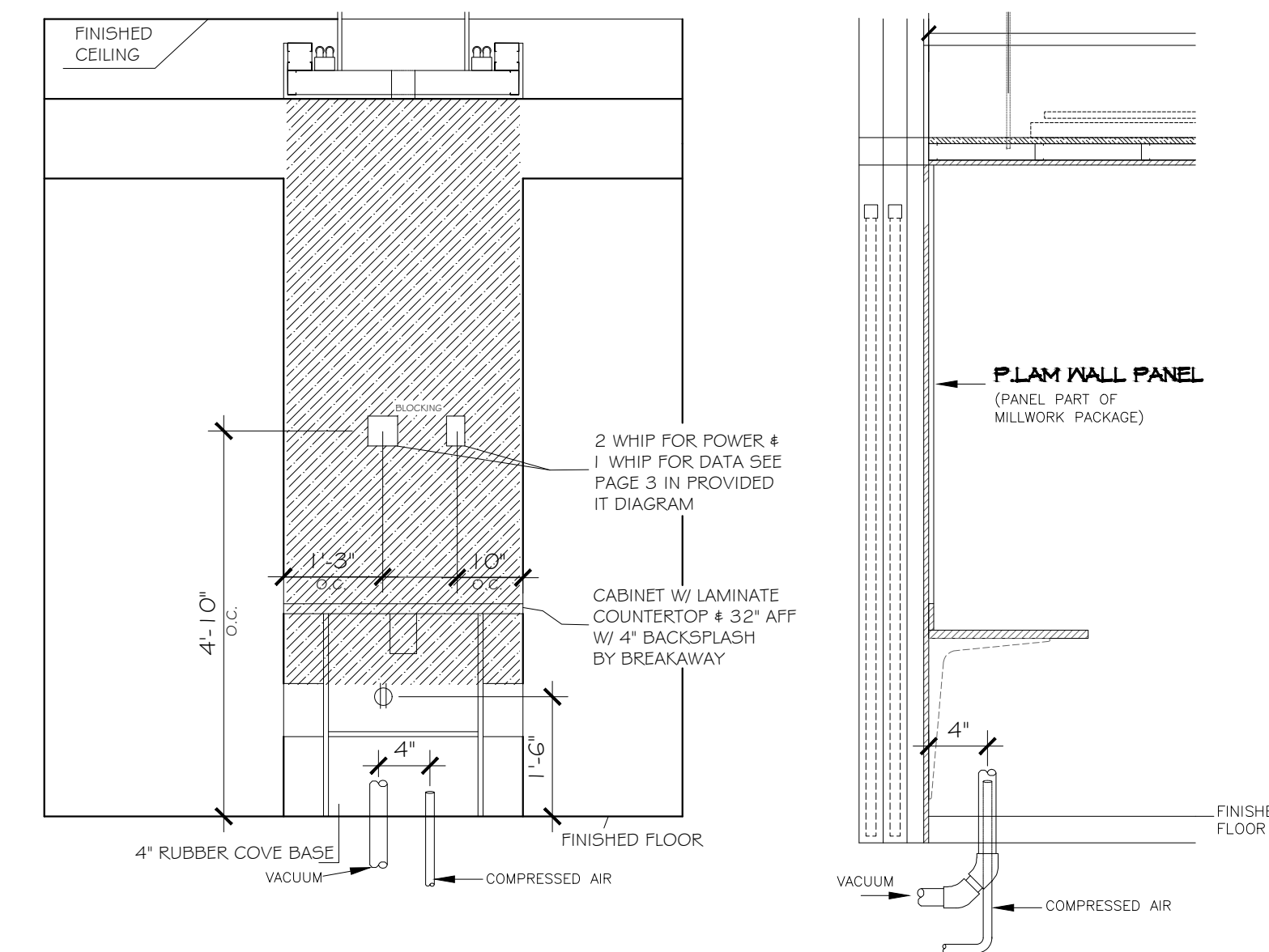
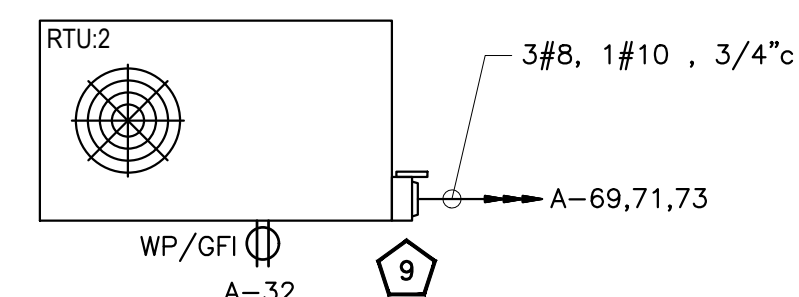
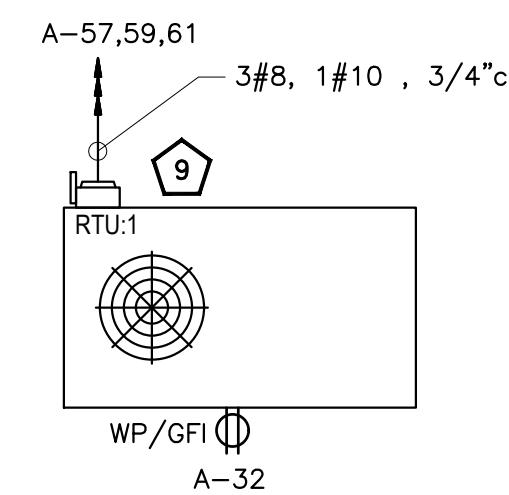
LIGHTING FIXTURE SCHEDULE								
TYPE	MANUFACTURER	CATALOG #	MOUNTING	COLOR TEMPERATURE	LUMENS	VOLTAGE VOLTS	INPUT WATTS	REMARKS
A1,A1E	LITHONIA	EPANL 2X4 3000LM 80CRI 40K MIN1 ZT MVOLT (E10WCP)	RECESSED	4000K	3000	120/277	27.4	2x4" LED RECESSED TROFFER. EMERGENCY BATTERY BACKUP FOR A1E
B1	LITHONIA	EPANL 2X2 2000LM 80CRI 40K MIN1 ZT MVOLT	RECESSED	4000K	2000	120/277	19.6	2x2" LED RECESSED TROFFER.EMERGENCY BATTERY BACKUP FOR B1E
C1	LITHONIA	CDS L96 MVOLT DM 40K 80CRI WH	SURFACE	4000K	9614	120	73	96" APERTURE LED RECESSED LINEAR FIXTURE.
D1, D1E	LITHONIA	LDN6 40/20 L06 AR LS MVOLT EZ1 (EL)	RECESSED	4000K	2000	120/277	22.5	6" LED DOWNLIGHT.EMERGENCY BATTERY BACKUP FOR D1E
D2,D2E	LITHONIA	LDN6 40/15 L06 AR LS MVOLT EZ1 (EL)	RECESSED	4000K	1500	120/277	17.5	6" LED DOWNLIGHT. EMERGENCY BATTERY BACKUP FOR D2E
D3,D3E	LITHONIA	LDN4 40/05 L04 AR LS MVOLT EZ1 (EL)	RECESSED	4000K	500	120/277	5.8	4" LED DOWNLIGHT. EMERGENCY BATTERY BACKUP FOR D3E
P1	OWNER PROVIDED / CONTRACTOR INSTALLED		PENDANT	K	1m	120	15W Max.	OWNER PROVIDED DECORATIVE LED PENDANT LIGHT. \$200.00 ALLOWANCE. RETURN ANY CREDIT BACK TO OWNER. FIXTURE WATTAGE NOT TO EXCEED 15W.
P2	OWNER PROVIDED / CONTRACTOR INSTALLED		PENDANT	K	1m	120	40W Max.	OWNER PROVIDED DECORATIVE LED PENDANT LIGHT. \$300.00 ALLOWANCE. RETURN ANY CREDIT BACK TO OWNER. FIXTURE WATTAGE NOT TO EXCEED 40W.
U1	LITHONIA	UCSL 24IN 40K 90CRI WH	SURFACE	4000K	1m	120	11	24" LED UNDERCABINET LIGHT.
V1	LITHONIA	FMVCSL 24IN MVOLT 30K 90CRI XX	WALL	3000K	1m	120/277	18	24" LED VANITY. COORDINATE FINISH WITH ARCHITECT.
X1	LITHONIA	LQM S W 3 R 120/277 EL N SD	WALL / CEILING	K	1m	120/277	-	LED EXIT SIGN WITH EMERGENCY BATTERY BACKUP AND SELF DIAGNOSTICS.
*PROVIDE EMERGENCY BATTERY W/TEST FOR ALL "E" SUFFIXED FIXTURES.								

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



A. REFER TO ARCHITECTURAL SECTIONS FOR DENTAL EQUIPMENT ELECTRICAL ROUGH-IN LOCATIONS. VERIFY DENTAL EQUIPMENT FINAL LOCATIONS WITH ARCHITECT PRIOR TO ROUGH-IN.

1. NEW ELECTRICAL PANEL "A", "B" & "LCP". E.C. TO COORDINATE FINAL LOCATIONS WITH ARCHITECT/OFFICE.
2. REFER TO DETAIL ON THIS SHEET FOR MOUNTING HEIGHT AND REQUIREMENTS OF 12'O'CLOCK WALL DEVICES. VERIFY EXACT LOCATION WITH DENTAL DESIGN PRIOR TO ROUGH-IN. TYPICAL OF ALL OP ROOMS.
3. PROVIDE REDUNDANT GROUNDING PER NEC 517. TYPICAL OF ALL EXAM ROOMS AND X-RAY ROOM.
4. VERIFY ELECTRICAL REQUIREMENTS OF PANORAMIC X-RAY WITH DENTAL CONSULTANT PRIOR TO ROUGH-IN. REFER TO SECTION #5 ON SHEET EQ-200 OF ARCHITECTURAL SET.
5. ONE QUAD / DATA MOUNTED AT 60" A.F.F., SECOND DUPLEX / DATA MOUNTED AT 18" A.F.F. COORDINATE MOUNTING HEIGHT OF RECEPTACLE/DATA WITH OWNER PRIOR TO ROUGH-IN.
6. COORDINATE COMPRESSOR/VACUUM FINAL LOCATION PRIOR TO ROUGH-IN.
7. COORDINATE MOUNTING HEIGHT OF RECEPTACLE/DATA WITH OWNER PRIOR TO ROUGH-IN.
8. "E.C." TO PROVIDE SINGLE-GANG J.BOX AND 1" CONDUIT TO ABOVE CEILING WITH PULL-STRING. REFER TO SECTION OF ARCHITECTURAL SET AND COORDINATE WITH ARCHITECT FOR EXACT LOCATION.
9. PROVIDE 60A/3P/NF/NR WEATHERPROOF DISCONNECT SWITCH FOR RTUS. E.C. TO COORDINATE WITH MECHANICAL DRAWINGS FOR EXACT LOCATION.
10. PROVIDE REDUNDANT GROUNDING PER NEC 517. TYPICAL OF ALL EXAM ROOM AND X-RAY ROOMS.
11. PROVIDE 30A/2P/NF/N1 DISCONNECT SWITCH.
12. ELECTRICAL METER BANK AND DISCONNECT SWITCH AT THE EXTERIOR OF THE BUILDING. COORDINATE EXACT LOCATION IN FIELD.



12 O'CLOCK WALL DETAIL