

LIGHTING PLAN NOTES:

1. NEW LIGHT FIXTURES TO BE INSTALLED IN ROOMS. CONNECT TO EXISTING LIGHTING CIRCUIT. PROVIDE NEW SWITCH CONTROL AS SHOWN ON PLAN. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT AND PANEL.
2. NEW LIGHT LIGHT FIXTURES IN HALLWAY TO BE INSTALLED. CONNECT INTO EXISTING HALL LIGHT CIRCUIT. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT AND PANEL.
3. LIGHT FIXTURES LABELED EM TO BE PROVIDED WITH AN INTEGRAL BATTERY BACKUP PACK. CONTRACTOR TO TRACE AND FIELD VERIFY EXISTING CIRCUIT AND PANEL.
4. FIXTURES LABEL EMNL SHALL BE CONNECTED INTO EXISTING EXIT LIGHT CIRCUIT. CONTRACTOR TO TRACE AND FIELD VERIFY CIRCUIT AND PANEL.
5. NEW EXIT LIGHT. CONNECT INTO EXISTING EXIT LIGHT CIRCUIT. CONTRACTOR TO TRACE AND FIELD VERIFY CIRCUIT AND PANEL.
6. PROVIDE AND INSTALL NEW OCCUPANCY SENSOR.
7. PROVIDE AND INSTALL NEW VACANCY SENSOR.

NEW 4KV -120/208 3-PH PAD MOUNTED 500KVA TRANSFORMER BY UTILITY COMPANY ON 6" TO 8" CONCRETE PAD BY CONTRACTOR

NEW (5) SETS (4) 1/2" 600KCMIL (B) 1/2" 600KCMIL (B) 4" PVC

WALL MOUNTED WEATHERPROOF 2000A 208V 3-PH FUSED DISC SWITCH

FEEDERS TO RUN UP EXTERIOR WALL INTO BUILDING TO METER 4 CT CABINET. REFER TO RISER DIAGRAM

SERVICE END BOX, SIZE AS REQUIRED

NEW PANEL PP-1 MOUNTED ON KINDORFF

NEW PANEL PP-1A MOUNTED ON KINDORFF

3P-400A DISTRIB. BOARD DP-A

3P-400A DISTRIB. BOARD DP-B

PANEL PP-HVAC

SERVICE SWITCH CABINET

EM CON EDISON CT CABINET

PP-1A 1/2" 3/4" C

PP-1A 1/2" 3/4" C

PP-1A 1/2" 3/4" C

PP-1A 1/2" 3/4" C

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EXISTING 125KVA PAD MOUNTED TRANSFORMER

EXISTING KINDORFF MOUNTED 400A DISC SWITCH

CONNECT EXTERIOR LIGHTING TO EXISTING EXTERIOR LIGHTING CIRCUIT. CONTROLLED VIA TIMECLOCK

EXISTING 300A MAIN PANEL BOARD TO REMAIN. REPLACE EXISTING BREAKER WITH NEW 400A BREAKER

EXISTING 300A PANEL PP-VERNI TO REMAIN

CONNECT EXTERIOR LIGHTING TO EXISTING EXTERIOR LIGHTING CIRCUIT. CONTROLLED VIA TIME CLOCK IN ELECTRIC CLOSET.

EXISTING CEILING MOUNTED CAMERA TO REMAIN

NEW EXIT SIGN TO REPLACE EXISTING. MAINTAIN EXISTING CIRCUIT (TYPICAL)

MASTER SWITCH CONTROL FOR FIRST FLOOR LIGHTING

NOTE: COORDINATE CIRCUITING FOR ALL LIGHTING FIXTURES ON STAGE WITH LIGHTING CONSULTANT SCHEDULES, RELAY RACK, DIMMER RACK, CONTROL PANEL ETC. COORDINATE ALL THEATER LIGHTING AND CONTROLS WITH LIGHTING AND AV CONSULTANTS.

FOR UPPER STAGE LIGHTING FIXTURES

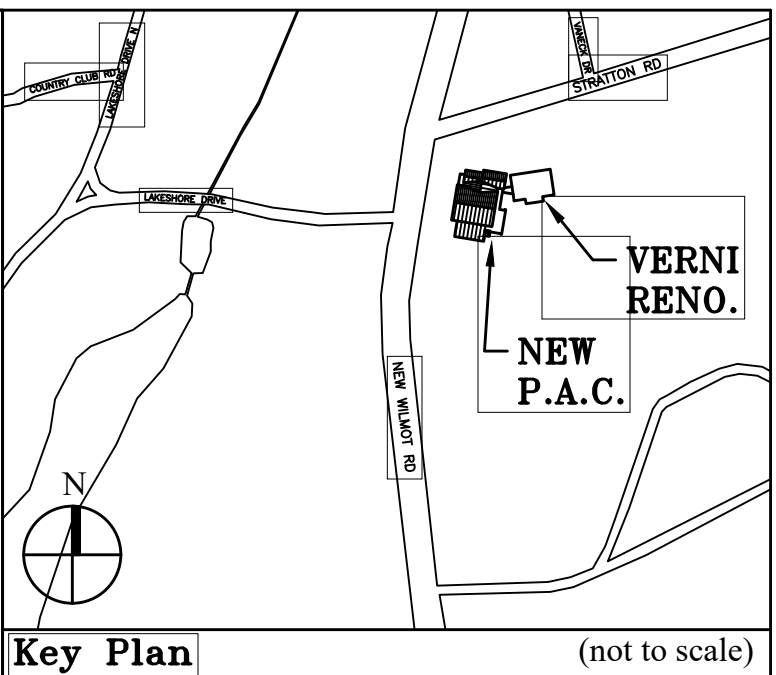
COORDINATE ROOM AND EQUIPMENT LAYOUT WITH LIGHTING AND SOUND CONSULTANTS.

MASTER SWITCH CONTROL FOR FIRST FLOOR LIGHTING

CONNECT EXTERIOR LIGHTING TO TIME CLOCK (TYPICAL)

LIGHTING FIXTURE NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION, QUANTITIES, TYPES, AND MOUNTING HEIGHTS OF LIGHT FIXTURES, EXIT SIGNS, SWITCHES, DIMMERS, ETC.
2. PRIOR TO ORDERING LIGHTING FIXTURES, COORDINATE WITH ARCHITECTURAL AND ENGINEERING INFORMATION, OBTAIN CLARIFICATION OF ANY QUESTIONS PRIOR TO PROCEEDING.
3. ALL SWITCH TYPES AND FINISH TO BE COORDINATE WITH ARCHITECT AND LIGHTING CONSULTANT.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL NEW LIGHT FIXTURES AS INDICATED AND INSTALL NEW SWITCHES, DIMMERS, ETC. FOR CONTROL OF LIGHT FIXTURES AS SHOWN ON ARCHITECTURAL DRAWINGS. VERIFY AND COORDINATE SWITCHING CONTROL WITH ARCHITECT AND LIGHTING CONSULTANT.
5. LIGHTING FIXTURES SHALL BE CIRCUITED IN ACCORDANCE WITH CIRCUIT NUMBER INDICATED ADJACENT TO EACH LIGHTING FIXTURE. CIRCUITRY MAY BE SHOWN IN CERTAIN INSTANCES AND ONLY UNDER SPECIAL CIRCUMSTANCES. PROVIDE ALL CONDUITS, WIRES AND BOXES AS WELL AS CEILING OUTLETS AND FIXTURES WHIPS REQUIRED FOR CIRCUITRY INCLUDING WIRING FOR SWITCHING OF THE FIXTURES.
6. CIRCUIT NUMBERS ARE FOR CONTRACTOR'S REFERENCE ONLY AND MAY NOT NECESSARILY REFLECT THE EXACT CIRCUIT ARRANGEMENT IN PANELS. CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD TO BALANCE THE CIRCUITRY EVENLY ON ALL PHASES ON EACH PANEL. FINAL CIRCUIT NUMBERS AND ARRANGEMENT MUST BE INDICATED ON AS-BUILT DRAWINGS AS PER SPECIFICATIONS.
7. ALL LIGHTING FIXTURES SHALL BE PROVIDED WITH A DEDICATED NEUTRAL OR AN OVERSIZED NEUTRAL WHEN SHARED. CIRCUIT FOR EMERGENCY LIGHTING AND EXIT LIGHT SHALL BE INSTALLED IN SEPARATE CONDUITS FROM NORMAL LIGHTING CIRCUITS. PROVIDE TIE BARS ON ALL SINGLE PHASE CIRCUIT BREAKERS SERVING MULTI-WIRE BRANCH CIRCUITS IN COMPLIANCE WITH NEC ARTICLE 210.4(B).
8. ALL LIGHTING BRANCH CIRCUITS SERVING DIMMABLE FIXTURES SHALL HAVE SEPARATE NEUTRAL CONDUCTORS.
9. SEPARATELY MOUNTED OUTLET BOXES AND FLEXIBLE CONDUIT PIGTAIL CONNECTIONS SHALL BE PROVIDED FOR LIGHTING FIXTURES RECESSED IN HUNG CEILINGS. IN ACCESSIBLE TILE HUNG CEILING AREAS, A SINGLE OUTLET BOX MAY SERVE UP TO A MAXIMUM OF FOUR (4) LIGHTING FIXTURES USING FLEXIBLE CONDUIT PIGTAIL CONNECTIONS WITH A MAXIMUM LENGTH OF 6'-0".
10. PROVIDE AN OUTLET BOX FOR A MINIMUM OF TWO ADJACENT LIGHT FIXTURES. FLEXIBLE CONDUIT FROM OUTLET BOX TO FIXTURES SHALL NOT EXCEED 6'-0" IN LENGTH.
11. ALL JUNCTION OR OUTLET BOXES IN CONCEALED CEILINGS SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER PROVIDE TO THE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.
12. WHERE MULTIPLE SWITCHES ARE GROUPED TOGETHER AT ONE LOCATION, THEY SHALL BE MOUNTED IN A SINGLE OUTLET BOX WITH A COMMON FACEPLATE. BUTTED OUTLET BOXES AND SWITCHPLATES ARE NOT PERMITTED. PROVIDE DIVIDER FOR SEPARATION OF SERVICE.
13. ALL EXIT SIGNS SHALL BE EQUIPPED WITH AN EMERGENCY BATTERY PACK WITH 90 MINUTES OF BACK-UP, LED INDICATION AND PUSH TO TEST BUTTON.
14. ALL LIGHTING FIXTURES OUTSIDE OF THEATER AREA DESIGNATED WITH 'EM' SHALL BE PROVIDED WITH INTEGRAL EMERGENCY BATTERY PACK. EMERGENCY LIGHTING / EXIT SIGN CIRCUITS SHALL BE RUN IN SEPARATE CONDUITS THAN NORMAL LIGHTING CIRCUITS.
15. THEATER LIGHTING DESIGNATED AS (INV) SHALL BE CONNECTED TO 48KVA AT 208V SINGLE PHASE EMERGENCY LIGHTING INVERTER WITH 6 IP-20A OUTPUT CIRCUIT BREAKERS. ON/OFF CONTROL SHALL NOT CAUSE INVERTER CIRCUIT TO ENERGIZE.
16. ALL OPEN AREA AND CORRIDOR LIGHTING SHALL BE CONTROLLED WITH LIGHTING CONTACTOR AND TIME CLOCK.
17. COORDINATE/REFER TO WIRING DIAGRAM ON DRAWING E-403. COORDINATE WITH THEATER CONSULTANT DESIGN DRAWINGS FOR SCHEDULING AND CONTROL OF THEATER LIGHT FIXTURES.
18. ALL THEATER LIGHTING SHALL BE COORDINATED AND CONNECTED THROUGH RELAY RACK AND DIMMER RACK. COORDINATE ALL ZONING AND CONTROL WITH VENDOR ETC.



Key Plan (not to scale)

9.	6/09/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
8.	6/09/2021	BID ADDENDUM 1
7.	6/01/2021	ISSUED FOR BID
6.	5/07/2021	RE-ISSUED FOR BUILDING PERMIT REVIEW
5.	2/01/2021	ISSUED FOR BUILDING PERMIT REVIEW
4.	10/14/2020	ISSUED FOR PLANNING BOARD REVIEW
3.	9/23/2020	RESUBMITTED FOR ZONING REVIEW
2.	8/28/2020	ISSUED FOR PRELIMINARY DOB REVIEW
1.	1/10/2020	ISSUED FOR DD ESTIMATE
No.	Date	Revision/Submission
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Stamp

Project Title
**IONA PREPARATORY SCHOOL
ADDITION AND ALTERATION TO THE
PAUL VERNI FINE ARTS CENTER**

Project Address
**IONA PREPARATORY SCHOOL
255 Wilmet Road
New Rochelle, NY 10804**

Drawing Title
**FIRST FLOOR ELECTRICAL
LIGHTING PLAN**

Scale Job No. Date Drawing No.
1/8"=1'-0" 1618 04/03/2019 E-301

Drawn

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