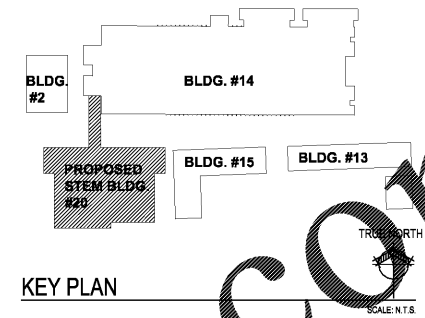


1 SECOND FLOOR LIGHTING PLAN  
 E2.4  
 SCALE: 1/8" = 1'-0"



Label	Type	Units	Max	Min	Avg/Min	Max/Min	
20-002 STAIR Floor	Illuminance	Fc	13.81	15.2	12.2	1.13	1.25
20-006 CORRIDOR Floor	Illuminance	Fc	13.25	22.0	3.2	4.14	6.88
20-101A STORAGE Workplane	Illuminance	Fc	28.77	38.1	17.4	1.65	2.19
20-130 MECHANICAL Workplane	Illuminance	Fc	29.03	37.0	21.0	1.38	1.76
20-140 ELECTRICAL Workplane	Illuminance	Fc	32.87	38.8	27.0	1.22	1.44
20-200 AQUA-MULTIROOM Workplane	Illuminance	Fc	36.28	78.1	7.3	4.97	10.70
20-200A STORAGE Workplane	Illuminance	Fc	9.76	10.4	9.1	1.07	1.14
20-201 TEACHING ROOM Workplane	Illuminance	Fc	71.34	164.4	18.5	3.86	8.89
20-202 MKR Workplane	Illuminance	Fc	66.09	161.2	11.5	5.75	14.02
20-203 STAIR Floor	Illuminance	Fc	27.29	35.7	20.1	1.36	1.78
STAIR LANDING Planar	Illuminance	Fc	17.85	21.2	15.2	1.17	1.39
STAIR RISERS 2 Planar	Illuminance	Fc	22.04	24.7	20.1	1.10	1.23
STAIR RISERS 1 Planar	Illuminance	Fc	17.39	20.8	14.3	1.22	1.45

**GENERAL LIGHTING CONTROL NOTES:**  
 IN COMPLIANCE WITH THE 2014 FLORIDA BUILDING CODE 5TH EDITION, AUTOMATIC LIGHTING CONTROLS SHALL BE FURNISHED AS DESCRIBED BELOW:

- ALL INSTRUCTIONAL SPACES, CLASSROOMS, RESOURCE ROOMS, LABS, ETC. SHALL BE PROVIDED WITH CEILING MOUNTED MOTION SENSORS AS SHOWN IN DETAIL.
- LIGHTING IN MEDIA CENTER, CAFETERIA, GYMNASIUM AND OTHER SIMILAR SPACES SHALL BE CONTROLLED BY THE LCS SYSTEM WITH LOCAL OVERRIDE AS SHOWN IN DETAIL.
- LIGHTING IN GROUP TOILETS, CORRIDORS, STAIRS AND OTHER SIMILAR SPACES SHALL BE CONTROLLED BY THE LCS SYSTEM WITH LOCAL OVERRIDE AS SHOWN IN DETAIL.
- LIGHTING AT BUILDING EXTERIOR, CANOPY, SITE, FLAG POLE AND OTHER SIMILAR SPACES SHALL BE CONTROLLED BY CONTACTOR 'DD'.
- ALL OTHER SPACES, UNLESS OTHERWISE NOTED, SHALL BE PROVIDED WITH WALL SWITCHES WITH INTEGRAL MOTION SENSORS.

**PLAN NOTES:**

- CONNECT EXIT LIGHT TO LOCAL LIGHTING CIRCUIT 'STL1-1', UNSWITCHED.
- EXT. CORRIDOR AND BRIDGE CONNECTOR LIGHTS, CONNECT TO CKT. 'STL2-12', CONTROL VIA PUSHBUTTON AND LIGHTING CONTROL PANEL.
- CONNECT FIXTURE TO LOCAL LIGHTING CIRCUIT AND PROVIDE WITH INTEGRAL BATTERY PACK FOR EMERGENCY POWER.
- PUSHBUTTON FOR CONTROL OF EXTERIOR CORRIDOR AND CONNECTOR BRIDGE LIGHTING, CONNECT TO LIGHTING CONTROL PANEL.
- CONNECT STAIRWELL LIGHTING TO CKT. 'STL1-6', CONTROL VIA INTEGRATED OCCUPANCY AND DAYLIGHT SENSOR.
- PER ASHRAE 90.1-2010, LIGHTING IN STAIRWELLS SHALL HAVE A CONTROL DEVICE TO AUTOMATICALLY REDUCE LIGHTING POWER BY AT LEAST 50% WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE CONTROL ZONE.
- COORDINATE EXACT LOCATION OF LIGHT FIXTURES WITH MECHANICAL EQUIPMENT AND DUCTWORK.
- SEE LIGHTING CONTROL SYSTEM (LCS) PANEL FOR CONTROL CIRCUITS FOR THIS SPACE.

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**STEM BUILDING  
 THE BENJAMIN SCHOOL - LOWER MIDDLE SCHOOL**  
 11000 Ellison Wilson Road, North Palm Beach, FL 33408  
 CONSTRUCTION DOCUMENTS

Contract No:	16117.00	
Job No:	117030	
Date:	10-23-17	
Drawn:		
Revisions		
No.	Date	Note

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

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JLRD Project #117030

E2.4

Order Plans