

**ADDENDUM TO INVITATION FOR BIDS**

**Fortuna Union High School District**

**Proposition 39**

**LED Lighting Retrofit, Phase II**

**Bid No. 17-017**

**Addendum #3**

**May 31, 2017**

**To All Prospective Bidders:**

The Fortuna Union High School District (District) herewith issues Addendum No. 3 to the above-referenced solicitation. This Addendum shall be made part of the Contract Documents and the bidder shall acknowledge receipt thereof on the Bid Proposal Form. Except as specifically modified by this document, all other terms and conditions remain in full force and effect.

1. Lines 61, 50 and 54 in the original Appendix 2 - Itemized Scope called for de-lamping of 3 lamp fixtures to 2 lamps. These instructions are herewith removed from the scope of work.
2. The existing 3-lamp fixtures in the Wood Shop and Metal Shop are currently tandem wired in pairs with (1) 2-lamp ballast and (1) 4-lamp ballast powering (6) lamps for every (2) fixtures. Retrofits will convert to (1) 3-lamp driver and (3) TLEDS per fixture.
3. A revised Itemized Scope of work is included in this addendum, starting on page 2.
4. A summary of the Itemized Scope is provided below:

Summary of Counts from Revised Itemized Scope						
Revised Fixture Count	1 lamp driver	2 lamp driver	3 lamp driver	4 lamp driver	New HighBays	12 watt TLEDS
1239	15	898	287	27	16	2780

Updated Appendix 2 – Itemized Scope of LED Retrofit – Revised 5/31/17, per Addendum #3

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
1	A: Administrative Building	R1: Northwest Conference Room	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
2	A: Administrative Building	R2: NW Office, NW Wing	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
3	A: Administrative Building	R3: N Office, NW Wing	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
4	A: Administrative Building	R4: E Office, NW Wing	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
5	A: Administrative Building	R5: NW Wing Entry	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
6	A: Administrative Building	R14: West Hallway	T8 2' 16W electronic ballast (NPO) 2 lamp troffer	4	2' 7W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
7	A: Administrative Building	R6: Principal's Asst's Office	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
8	A: Administrative Building	R7: Principal's Office	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
9	A: Administrative Building	R8: Principal's Bathroom	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
10	A: Administrative Building	R9: Principal's Coat Closet	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
11	A: Administrative Building	R10: Storage off Principal's Asst's Office	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
12	A: Administrative Building	R11: Mail/Filing Room	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
13	A: Administrative Building	R12: Storage off Filing Room (E Room)	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
14	A: Administrative Building	R13: Bathroom off Filing Room	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
15	A: Administrative Building	R15: NW Office, off south side of Main Entry (central wing)	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
16	A: Administrative Building	R16: SW office, SW side of central wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
17	A: Administrative Building	R17: Hallway off Saturday School	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
18	A: Administrative Building	R33: Office, SE side central wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
19	A: Administrative Building	R19: Closet, Central Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

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20	A: Administrative Building	R18: E Office, Central Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
21	A: Administrative Building	R20: South Restroom, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
22	A: Administrative Building	R21: North Restroom, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
23	A: Administrative Building	R22: Conference Room/Lounge, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp box	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
24	A: Administrative Building	R23: Southernmost Office, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
25	A: Administrative Building	R24: Second Southern office, East Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
26	A: Administrative Building	R25: Third Southern office, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

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27	A: Administrative Building	R26: Fourth Southern Office, E Wing	T8 2' 18W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
28	A: Administrative Building	R27: Second Northern Office, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
29	A: Administrative Building	R27A: First Northern Office, E Wing	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
30	A: Administrative Building	R28: Storage (E Wing)	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
31	A: Administrative Building	R29: E Wing Hall	T8 2' 32W electronic ballast (NPO) 2 lamp troffer	4	2' 7W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
32	A: Administrative Building	R30: Main Entry + Hall	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	25	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	25
33	A: Administrative Building	R31: Copy Room	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
34	A: Administrative Building	R32: Meeting Room off Main Entry	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
35	B: Building B	R1: Hallways	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	7	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	7
36	B: Building B	R2: Women's Restroom	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
37	B: Building B	R3: Men's Restroom	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
38	B: Building B	R4: Custodial Closet	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
39	B: Building B	R5: Clothing/Foods Lab	T8 4' 32W electronic ballast (NPO) 3 lamp	20	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	20
40	B: Building B	R6: Classroom 4	T8 4' 32W electronic ballast (NPO) 3 lamp	21	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	21

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
41	B: Building B	R7: Office (B/W Classroom 4 + Food Lab)	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
42	B: Building B	R8: Office 2 (Southern, B/W Classroom 4 + Food Lab)	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
43	C: Building C	R1: Hallway	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	14	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	14
44	C: Building C	R2: Century Hall/Classroom 5	T8 4' 32W electronic ballast (NPO) 2 lamp	16	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	16
45	C: Building C	R3: Custodial A	T8 4' 32W electronic ballast (NPO) 2 lamp	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
46	C: Building C	R4: Custodial B	T8 4' 32W electronic ballast (NPO) 2 lamp	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
47	C: Building C	R5: Classroom 1	T8 4' 32W electronic ballast (NPO) 2 lamp	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8



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48	C: Building C	R6: Classroom 2	T8 4' 32W electronic ballast (NPO) 2 lamp	16	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	16
49	C: Building C	R7: Classroom 3	T8 4' 32W electronic ballast (NPO) 2 lamp	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8
50	C: Building C	R8: Classroom 4	T8 4' 32W electronic ballast (NPO) 2 lamp	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8
51	C: Building C	R9: Men's RR	T8 4' 32W electronic ballast (NPO) 2 lamp	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
52	C: Building C	R10: Women's RR	T8 4' 32W electronic ballast (NPO) 2 lamp	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
53	D: Building D	R1: Classroom 1	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
54	D: Building D	R1: Classroom 1	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
55	D: Building D	R2: Classroom 2	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
56	D: Building D	R2: Classroom 2	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
57	D: Building D	R3: Classroom 3	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
58	D: Building D	R3: Classroom 3	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
59	D: Building D	R4: Classroom 4	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
60	D: Building D	R4: Classroom 4	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
61	D: Building D	R5: Classroom 5	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
62	D: Building D	R5: Classroom 5	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
63	D: Building D	R6: Classroom 6	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
64	D: Building D	R6: Classroom 6	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
65	D: Building D	R7: Men's RR Vestibule	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
66	D: Building D	R8: Men's Main RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
67	D: Building D	R9: Men's Aux. Restroom (E RR)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
68	D: Building D	R10: Janitorial Closet (off hall)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
69	D: Building D	R11: Women's RR Vestibule	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
70	D: Building D	R12: Women's Main RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
71	D: Building D	R13: Women's Aux. RR (E RR)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
72	D: Building D	R14: Hallway	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
73	E: Building E	R1: Classroom 1	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
74	E: Building E	R1: Classroom 1	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
75	E: Building E	R2: Classroom 2	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
76	E: Building E	R2: Classroom 2	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
77	E: Building E	R3: Classroom 3	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
78	E: Building E	R3: Classroom 3	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
79	E: Building E	R4: Classroom 4	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
80	E: Building E	R4: Classroom 4	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
81	E: Building E	R5: Classroom 5	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
82	E: Building E	R5: Classroom 5	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
83	E: Building E	R6: Classroom 6	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
84	E: Building E	R6: Classroom 6	T8 4' 32W electronic ballast (NPO) 2 lamp box	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
85	E: Building E	R7: Men's RR Vestibule	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
86	E: Building E	R8: Men's Main RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
87	E: Building E	R10: Men's Janitorial Closet (off hall)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
88	E: Building E	R11: Women's RR Vestibule	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
89	E: Building E	R12: Women's Janitorial Closet (off hall)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
90	G: Maintenance	R1: Main Shed	T12 8' 60W magnetic ballast (NPO) 2 lamp	18	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers; Replace tombstones with suitable retrofit kit (EPCO 14050 or equivalent)	18
91	G: Maintenance	R1: Main Shed	T8 4' 32W electronic ballast (NPO) 2 lamp strip	9	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	9
92	G: Maintenance	R1: Main Shed	400W Metal Halide High Bay	1	LED 126W High Bay (Lithonia IBL 12L Bay Light Series or equiv.)	1
93	G: Maintenance	R2: "Wood" Room	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	13	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	13
94	G: Maintenance	R3: N Closet (Under Balcony)	T12 8' 60W magnetic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers; Replace tombstones with suitable retrofit kit (EPCO 14050 or equivalent)	1
95	G: Maintenance	R3: N Closet (Under Balcony)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
96	G: Maintenance	R4: S Closet (Adjacent to N Closet)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
97	G: Maintenance	R5: Bathroom 1	Incandescent	NA	NA	NA
98	G: Maintenance	R6: Bathroom 2	Incandescent	NA	NA	NA
99	G: Maintenance	R7: Balcony	T8 4' 32W electronic ballast (NPO) 2 lamp strip	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
100	G: Maintenance	R8: Lunchroom/Office	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
101	G: Maintenance	R9: IT/Server Room	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
102	G: Maintenance	R10: Parts Room	T8 4' 32W electronic ballast (NPO) 5 lamp	5	LED 126W High Bay (Lithonia IBL 12L Bay Light Series or equiv.)	5
103	H: Auto Shop	R1: Back Auto Shop	T8 4' 32W electronic ballast (NPO) 2 lamp suspended industrial	32	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	32
104	H: Auto Shop	R2: Front Auto Shop	T8 4' 32W electronic ballast (NPO) 2 lamp suspended industrial	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4



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105	H: Auto Shop	R2: Front Auto Shop	400W Metal Halide High Bay	9	LED 126W High Bay (Lithonia IBL 12L Bay Light Series or equiv.)	9
106	H: Auto Shop	R3: E Auto Shop Office	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
107	H: Auto Shop	R4: W Auto Shop Office	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
108	H: Auto Shop	R5: N. Auto Shop Classroom	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
109	H: Auto Shop	R6: E Auto Shop Bay	400W Metal Halide High Bay	1	LED 126W High Bay (Lithonia IBL 12L Bay Light Series or equiv.)	1
110	H: Auto Shop	R7: Parts Room	T8 4' 32W electronic ballast (NPO) 2 lamp strip	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
111	H: Auto Shop	R8: Hallway	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
112	H: Auto Shop	R9: Washroom and Hall	T8 4' 32W electronic ballast (NPO) 2 lamp strip	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
113	H: Auto Shop	R10: Men's RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
114	H: Auto Shop	R11: Storage Closet	T8 4' 32W electronic ballast (NPO) 4 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
115	H: Auto Shop	R12: Women's RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
116	H: Auto Shop	R13: Hallway by Psych/Speech	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
117	H: Auto Shop	R14: Office A (N)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
118	H: Auto Shop	R15: Office B (S)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
119	H: Auto Shop	R16: Filing Hallway	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
120	H: Auto Shop	R17: Bus Barn	T8 4' 32W electronic ballast (NPO) 3 lamp industrial	26	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	26
121	H: Auto Shop	R17: Bus Barn	T8 4' 32W electronic ballast (NPO) 2 lamp suspended industrial	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8
122	H: Auto Shop	R18: Parts Room	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
123	H: Auto Shop	R19: Office C (By Parts Room)	T8 4' 32W electronic ballast (NPO) 2 lamp	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
124	H: Auto Shop	R20: Office D (SW Office in Bus Shop Wing)	T8 4' 32W electronic ballast (NPO) 2 lamp	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
125	H: Auto Shop	R21: Office E (SE Office in BSW)	T8 4' 32W electronic ballast (NPO) 2 lamp	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
126	I: Metal Shop	R1: Main Shop Floor	T8 4' 32W electronic ballast (NPO) 3 lamp	64	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	64
127	I: Metal Shop	R2: Office	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
128	I: Metal Shop	R3: Tool Room	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
129	I: Metal Shop	R4: Side Shop	T8 8' 59W electronic ballast (NPO) 2 lamp industrial	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
130	I: Metal Shop	R5: Metal Storage	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
131	I: Metal Shop	R6: Outer Hallway/Foyer	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
132	I: Metal Shop	R7: Janitorial Closet	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
133	I: Metal Shop	R8: Storage	T8 4' 32W electronic ballast (NPO) 2 lamp	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
134	J: Wood Shop	R1: Main Floor	T8 4' 32W electronic ballast (NPO) 3 lamp	60	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	60
135	J: Wood Shop	R1: Main Floor	T8 4' 32W electronic ballast (NPO) 2 lamp strip	11	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	11
136	J: Wood Shop	R2: Finish Room	T8 4' 32W electronic ballast (NPO) 6 lamp troffer	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
137	J: Wood Shop	R3: Wood Supply	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
138	J: Wood Shop	R4: Lumber Room	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
139	J: Wood Shop	R5: Office	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
140	J: Wood Shop	R6: Project Room A (by office)	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
141	J: Wood Shop	R7: Project Room B	T8 4' 32W electronic ballast (NPO) 2 lamp industrial	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
142	K: District Office	R1: Main Office	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	10	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	10
143	K: District Office	R2: File Room	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
144	K: District Office	R3: Large Office	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
145	K: District Office	R4: Conference Room	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
146	K: District Office	R5: Corey's Office	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
147	K: District Office	R6: Lunch Room	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
148	K: District Office	R7: Bathroom	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
149	M: Cafeteria	R1: Main Room	T8 4' 32W electronic ballast (NPO) 3 lamp wrap	84	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	84
150	M: Cafeteria	R2: Kitchen	T8 4' 32W electronic ballast (NPO) 2 lamp box	12	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	12
151	M: Cafeteria	R3: Kitchen Office A (South)	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
152	M: Cafeteria	R4: Kitchen Office B (North)	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
153	M: Cafeteria	R5: Kitchen Storage	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
154	M: Cafeteria	R6: Freezer Room	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
155	M: Cafeteria	R7: East Classroom	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8
156	M: Cafeteria	R8: East Wing Office	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
157	M: Cafeteria	R9: East Wing WRR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
158	M: Cafeteria	R9: East Wing MRR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
159	M: Cafeteria	R10: East Wing Main Space	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	6	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	6
160	N: Little Theater	R1:Backstage	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	18	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	18



Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
161	N: Little Theater	R2: Technology Wing	T8 4' 32W electronic ballast (NPO) 3 lamp wrap	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
162	N: Little Theater	R2: Technology Wing	T8 4' 32W electronic ballast (NPO) 1 lamp strip	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
163	N: Little Theater	R2: Technology Wing	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
164	O: Music Building	R1: Hallway	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8
165	O: Music Building	R2: Music Library	T8 4' 32W electronic ballast (NPO) 2 lamp box	4	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	4
166	O: Music Building	R3: Janitorial Closet	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
167	O: Music Building	R4: Storage	Incandescent	NA	NA	NA
168	O: Music Building	R5: Restroom	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
169	O: Music Building	R6: Practice Room (SW)	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
170	O: Music Building	R7: SE Office	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
171	O: Music Building	R8: Choir Room (S)	T8 4' 32W electronic ballast (NPO) 2 lamp box	43	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	43
172	O: Music Building	R9: Storage (N Hallway)	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
173	O: Music Building	R10: Practice Room (SE)	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
174	O: Music Building	R11: Practice Room (NE)	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
175	O: Music Building	R12: Practice Room (NW)	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
176	O: Music Building	R13: North Office	T8 4' 32W electronic ballast (NPO) 2 lamp box	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
177	O: Music Building	R14: Ensemble Room	T8 4' 32W electronic ballast (NPO) 2 lamp box	10	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	10
178	O: Music Building	R15: Instrument Storage	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
179	O: Music Building	R16: Band Room	T8 4' 32W electronic ballast (NPO) 2 lamp box	54	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	54
180	Q: Agriculture Shop	R1: S Classroom	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	28	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	28
181	Q: Agriculture Shop	R2: N Classroom	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	28	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	28
182	Q: Agriculture Shop	R3: S Classroom Closet	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
183	Q: Agriculture Shop	R4: N Classroom Closet	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
184	Q: Agriculture Shop	R5: W Hallway/Entry	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
185	Q: Agriculture Shop	R6: Women's RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
186	Q: Agriculture Shop	R7: Men's RR	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1
187	R: Agriculture Barn	R1: Main Barn	T12 8' 60W magnetic ballast (NPO) 2 lamp industrial	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers; Replace tombstones with suitable retrofit kit (EPCO 14050 or equivalent)	8
188	S: Art Building	R1: Main Art Class	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	18	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	18

Line	Area	Room	Existing Fixtures	Qty of fixtures	Proposed Fixtures	Qty of fixtures
189	S: Art Building	R2: Office off MAC	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
190	S: Art Building	R3: Supply room off MAC	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
191	S: Art Building	R4: Storage Room off MAC	Incandescent.			
192	S: Art Building	R5: Digital Art Room	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	18	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	18
193	S: Art Building	R6: Darkroom	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	2	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	2
194	S: Art Building	R7: Vestibule and Film Room	T8 4' 32W electronic ballast (NPO) 2 lamp wrap	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
195	S: Art Building	R8: Ceramics Room	T8 4' 32W electronic ballast (NPO) 2 lamp troffer	21	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	21

<b>Line</b>	<b>Area</b>	<b>Room</b>	<b>Existing Fixtures</b>	<b>Qty of fixtures</b>	<b>Proposed Fixtures</b>	<b>Qty of fixtures</b>
196	S: Art Building	R9: North Hallway	T8 4' 32W electronic ballast (NPO) 2 lamp	8	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	8
197	S: Art Building	R10: Women's RR	T8 4' 32W electronic ballast (NPO) 2 lamp	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
198	S: Art Building	R11: Men's RR	T8 4' 32W electronic ballast (NPO) 2 lamp	3	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	3
199	S: Art Building	R12: Storage off Ceramics	T8 4' 32W electronic ballast (NPO) 2 lamp	1	4' 12W TLED, 5000K (Philips Instantfit or equivalent); Replace existing ballasts with compatible LED drivers	1