

Appendix G2

Exterior Lighting Memo

Prepared by TFWB Engineers

September 28, 2021

MEMORANDUM

Date: 09/28/21

To: City of Issaquah

From: Paul McIntosh, Travis Fitzmaurice Wartelle Balangue Engineers Inc.

Project: New ISD Issaquah High School and Elementary Campus – Exterior Lighting

Exterior lighting for the new Issaquah High School and Elementary Campus consists of new LED pole mounted fixtures, bollards and building mounted fixtures. Fixtures are controlled via a combination of integral and non-integral photocells and motion/occupancy sensors. Additionally, exterior lighting fixtures are controlled via a timed schedule. Site lighting layout is shown on E1.01 and site photometrics are shown on E1.04.

New LED pole-mounted fixtures within 100' of the residential areas are mounted no higher than 14' above grade. Further than 100' from residential areas pole-mounted fixtures are mounted at 20' above grade. Photometrics show the maximum exterior foot-candle level is 5fc. Additionally the maximum spill over light level is .1fc. Most of the site's property lines have no light spill over, at 0fc.

Please call if you have any questions.

Paul McIntosh
O: (206) 285-7228
D: (206) 413-5018