

**From:** Jean Fraser  
**To:** Hewett, Colin; Latulippe, David  
**CC:** <dcm.danmiller@gmail.com>; DiPierro, Philip  
**Date:** 8/14/2015 1:34 PM  
**Subject:** Re: Marginal Way - Photometrics  
**Attachments:** ES101-SitePhotometric\_1.pdf; mcgraw-edison-galleon-td500020en-sss\_1.pdf

David and Colin

This e-mail confirms that this photometric and lighting spec are approved for 20 Marginal Way and that condition viii (in the approval letter) has been met.

I agree this is a good compromise given that the surrounding uses are not exactly sensitive.

Regarding the BUG ratings, our standards are still "cut off" so that's what I have to use until they are updated- so thank you for the interpretation.

Thank you  
Jean

*Jean Fraser, Planner  
City of Portland  
874 8728*

>>> David Latulippe <ddlalulip@aol.com> 8/12/2015 2:29 PM >>>

Nicely done. Thanks

David Latulippe

On Aug 12, 2015, at 2:21 PM, "Colin Hewett" <chewett@hwengineers.com> wrote:

Jean, David,

Attached is the new photometric plan and the lighting cut for your review. I changed the fixtures along the drive to include houseside shields, and relocated one at the top a few feet. For reference, I expanded the calculation area and added the templates of each fixture. It does make the drawing more "busy" but it shows the light levels along the property line are much better.

Light fixtures do not have cut-off anymore, but BUG ratings. The U is the upright component. U0 upright, is essentially full cut-off. As you can see, all of the different distributions have U0 ratings.

Feel free to contact me if you have any questions.

Thanks!

Colin

Colin C. Hewett, P.E., LEED AP  
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**From:** Jean Fraser [mailto:JF@portlandmaine.gov]  
**Sent:** Friday, July 31, 2015 3:50 PM  
**To:** David Latulippe  
**Cc:** dcm.danmiller@gmail.com; chewett@hwengineers.com  
**Subject:** Re: Fwd: Marginal Way - Photometrics

David

Thank you for this.

Its much better for the drive through area (it exceeds our max of 20 fc by a bit but I am OK with that at this location) but since our max is 0.1 fc at the property line (re trespass) and this has 1.5 to 1.7fc its difficult to waive it when its so much over the max- I agree this location merits more lighting and will support a waiver, but could the poles be lowered or other minor change made to reduce more of these boundary levels to under 1.0 fc especially along the east side?

I attach the Lighting Standards and it does allow waivers for industrial areas but this is B7 and in the future I am sure that abutting site will be developed- so I am looking for some compromise but open to discussion.

Also I would like to see the lighting spec (as stated in the condition) to confirm that its a cut off type lamp.

thank you

Jean

*Jean Fraser, Planner*

*City of Portland*

874 8728

>>> David Latulippe <ddlatulip@aol.com> 7/30/2015 2:51 PM >>>

Jean,

Attached is the revised photometric plan for your review.

David

-----Original Message-----

From: Colin Hewett <chewett@hwengineers.com>

To: 'David Latulippe' <ddlatulip@aol.com>; dcm.danmiller <dcm.danmiller@gmail.com>

Sent: Thu, Jul 30, 2015 2:45 pm

Subject: RE: Marginal Way - Photometrics

David,

Attached is the revised Photometric plan. I simply relocated the fixtures a few feet to try accomplish what we need.

Take a look and submit or comment.

Thanks!

Colin

Colin C. Hewett, P.E., LEED AP

Principal

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<ES101-SitePhotometric.pdf>

<mcgraw-edison-galleon-td500020en-sss.pdf>