

**Recessed wall luminaires with shielded light source**

**Housing:** Constructed of die-cast aluminum with integral wiring compartment. Die castings are marine grade, copper free ( $\leq 0.3\%$  copper content) A360.0 aluminum alloy.

**Enclosure:** One piece die-cast aluminum faceplate;  $\frac{1}{4}$ " thick, clear tempered glass lens. Faceplate is secured by two (2) socket head, stainless steel captive screws threaded into stainless steel inserts in the housing casting. Continuous high temperature O-ring gasket for weather tight operation.

**Electrical:** 2.2W LED luminaire, 3.1 total system watts. Remote 24V DC driver required. Standard LED color temperature is 3000K (available in 4000K; add suffix K4). Through Wiring: Maximum four (4) No. 12 AWG conductors (plus ground) suitable for 90°C. Two (2)  $\frac{7}{8}$ " knockouts provided for  $\frac{1}{2}$ " conduit.

**Note:** Due to the dynamic nature of LED technology, LED luminaire data in this catalog is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to [www.bega-us.com](http://www.bega-us.com).

**Finish:** All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

**UL** listed for US and Canadian Standards, suitable for wet locations and for installation within 3 feet of ground. Type non-IC. Protection class: IP65.

**Luminaire Lumens:** 45

Tested in accordance with LM-79-08

425 Forest

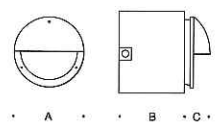
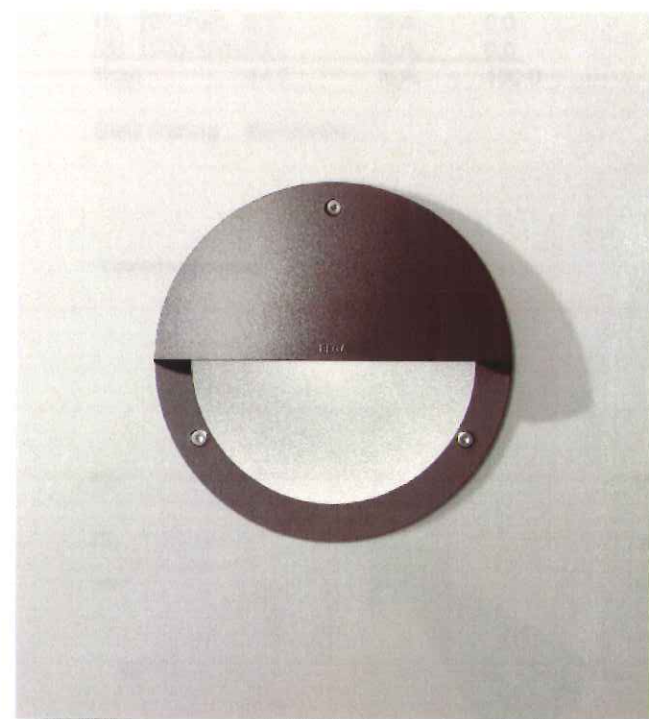
2015-028

32-I-41

BEGA

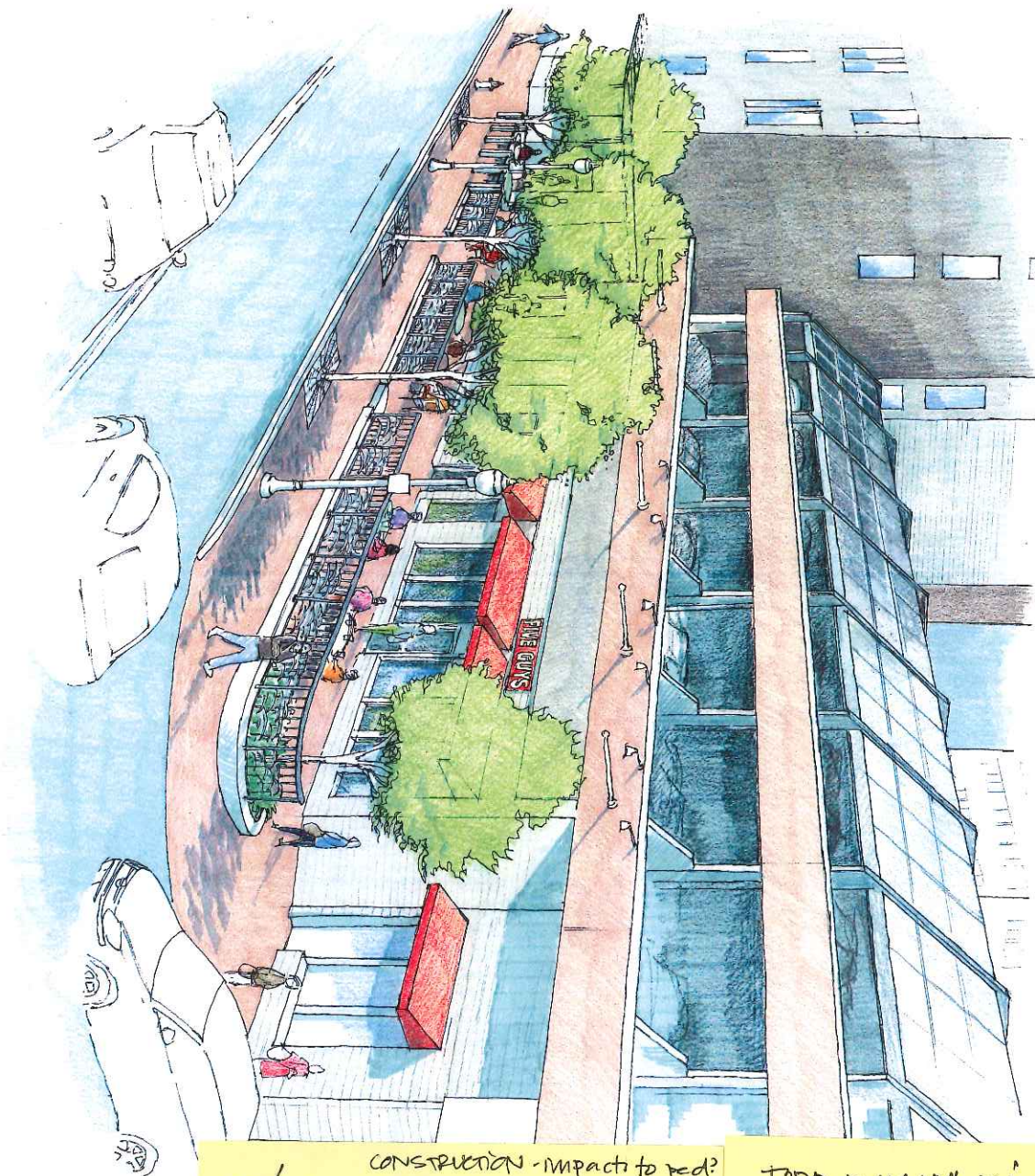
Options:  
Modified:

*lights ok per  
Dubs 9/14/15*



Lamps		A	B	C
2794 LED*	ADA 2.8 W LED, 24 V DC	3 1/8	4	3/4

\*Remote driver required



TE/DMP - CONSTRUCTION - impacts to ped?  
 ADA + SIDEWALK  
 note max. repair existing  
 slope

JT/DA - trees - retain.

ND - ~~street lights~~  
 bollard light - NO

Δ in treatment?  
 ↓ continue granite + put fence on top.  
 where no grades  
 removable: shaw 761-6621

TODD DOMINSKI - 650-0606

- NO ON REDESIGN. - OK

□ BOLLARD LIGHTS? - note re fill cut-off

□ TREES - ADD NOTE? or spec?

□ PCH - REMOVE ROW - OK

□ TOM'S COMMENT - CMP

□ DMP - WAY-IN PAW

ART

**Helen Donaldson - Re: 425 Fore**

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**From:** Helen Donaldson  
**To:** anthony muench  
**Date:** 3/17/2015 4:24 PM  
**Subject:** Re: 425 Fore  
**Attachments:** Re Fore Street Plaza Project.pdf

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Tony,

Alex, Barbara, Jeff, Deb, and I had a chance to get our heads together on the tree question today. All concurred that, per the landscaping and landscape preservation standards of the city's site plan ordinance, we would request that you revise the plans to preserve the existing trees on the 425 Fore Street site. A note should be added to the plans to indicate that, if those trees should be damaged during construction, replacements should be placed in situ in consultation with the city arborist. See comments from Jeff attached.

I know this isn't the outcome that Todd and Tim were hoping for. That said, if a meeting would help, we're available for that. Let me know.

Otherwise, I believe the changes I've outlined below are very small. To summarize, they include:

- Add a note that all work within the ROW shall meet the city's Technical Manual standards
- Provide a bollard cut sheet verifying fixture meets TM standards
- Add a note that addresses potential for the existing sidewalk to be damaged and include provisions for repair.
- Note maximum cross-slope from a ADA perspective.
- Provide additional information on whether construction will impact sidewalk use. If so, a construction plan will need to be developed.

Thanks, Tony.

Nell

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>>> Helen Donaldson 3/12/2015 9:18 AM >>>

Tony,

I apologize for one last email on this, but when you're adding Tom's notes to the plans (per the comments below), could you also note that all work within the ROW shall meet the city's Technical Manual standards? This is a note that DPS likes to have, and I just noticed that it doesn't appear on the layout plan.

Pending the tree question, I think this should be it for comments from our end. Thanks, Tony.

Nell

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>>> Helen Donaldson 3/11/2015 4:38 PM >>>

Tony and Todd,

Just to close the loop with you, Todd, we are fine with your choice not to change the design. I think there was a sense that using a more continuous treatment along the edge there could create some internal cohesion, but we're not going to push this.

Regarding the bollard lights, I apologize that in my previous email I was mistakenly recalling a conversation about bollard lighting specs in the city's ROW. Obviously, these bollards are not in the ROW, so you should be fine. However, the lights do need to conform with the city's technical manual. I looked into the spec but couldn't find a cut sheet online. Could you provide one?

I'm sorry I won't be there tomorrow when you meet with Jeff regarding the trees. We'll be in touch thereafter.

Nell

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>>> Helen Donaldson 3/11/2015 12:20 PM >>>

Tony,

Additional comments from Tom Errico:

1. It would seem that the existing sidewalk would be damaged and they should include provisions for repair. *Please add note to the plans accordingly.* I assume the condition of the existing sidewalk is acceptable?
2. On a detail they note a minimum slope. There should also be a maximum cross-slope from a ADA perspective.
3. Will construction impact sidewalk use? If so, a construction plan will need to be developed.

Let me know if you have questions on these.

Nell

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>>> Helen Donaldson 3/9/2015 1:49 PM >>>

Tony,

I think you've been in touch with Jeff Tarling? I'm hoping we've resolved the tree question, although that may be wishful thinking?

I was down on the site this afternoon, and I was able to corner Deb Andrews on the fencing treatment/bollards. She is suggesting running the granite curb continuously to a point parallel with the western end of the building (it would obviously be flush at this end) and replacing the bollards with the fence treatment. Either that, or maybe the bollards could be continued running eastward? Or at least granite could be used in place of the vertical elements of the fence? This could help create a little more continuity in the design.

If bollards are to be used, I need a little more detail on the lighting. Just so you know, this may be a tough sell.

Last, I've received some preliminary comments from Tom Errico on accessibility. These should be finalized by Wednesday, when I will forward them to you. You should be in pretty good shape on this front.

Apologies that this is taking me longer than the promised one week!

Nell

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>>> anthony muench <amuench@maine.rr.com> 2/25/2015 1:53 PM >>>

Helen,

Here's the original sketch showing the rail and bollard arrangement.  
This is an early drawing that shows street trees on the City sidewalk space.

Tony