

From: [Rob Gordon](#)
To: [Genna Porter](#)
Subject: FW: Eng Review - Bojangles
Date: Friday, June 27, 2014 4:42:31 PM
Attachments: [image001.png](#)

These are my comments to the 2nd submittal in protrak. Please upload my comments to protrak & the X drive. The 2nd submittal may need to be added to the X drive first. Thanks.

Robert Gordon, PE
Project Engineer
City of Wilmington/Engineering
(910) 341-5856

From: Rob Gordon
Sent: Thursday, June 26, 2014 7:16 PM
To: 'David Hollis'
Cc: Derek Pielech; Jeff Walton
Subject: Eng Review - Bojangles

Engineering has reviewed the latest submittal and have the following comments:

1. The routing may not meet City requirements. This is what I feared when I asked for the routing analysis hydrographs in my last comments. The soils were mapped Seagate and Leon – hydro group A/D & B/D respectively. All ditched & urbanized soils are in the “drained” condition and must be modeled as such. Because the soils and SHWT are not favorable, I will allow B soils to be assumed. This was the determination on the adjacent site (Walgreens) and they had the same issues with soils. The code requires the predeveloped condition to be modeled as woods in good condition therefore CN 55 should be used as a predevelopment CN.
2. There is also a discrepancy with the post-development CN. If you assume the impervious is CN 98 & all remaining areas are open space, good condition (CN 61), you will get a post-development CN of around 85. Please justify the CN used if you do not use the program to generate a composite CN.
3. The precipitation depths are not per our technical standards – 10 (6.72”), 25 (8.01”), 50 (9.01”) & 100 (10”). Yours were higher, this should help you (a little...).
4. The pond does not meet our landscape or access requirements. Chapter 5, Section D, paragraph 4(g) of the City technical standards requires a 5’ landscaped zone measured outward from the top of bank. This must be provided around the entire perimeter and has not been provided. It is not the same as the aquatic shelf. Chapter 5, Section D, paragraph 4(h) of the city technical standards requires a 10’ access shoulder measured outward from the top of bank. I indicated previously that this shoulder is not required adjacent to the paved drive aisle, but it is still required around the remainder of the pond. It also cannot occupy the same space as the landscape shelf. Finally, compliance with SD 15-16 cannot be satisfied with a note. If shrubs are more practical than trees, then they must be placed on the landscape plan. There is currently nothing shown around the perimeter of the pond on the landscape plan.

Please submit calcs, one set of plans and any revised forms to engineering for additional review.
Please call or email if there are any questions.

Robert Gordon, PE
Project Engineer
City of Wilmington/Engineering
(910) 341-5856

From: David Hollis [<mailto:dhollis@hdsilm.com>]
Sent: Thursday, June 19, 2014 3:04 PM
To: Rob Gordon
Cc: Jeff Walton; Greg Wayne; Lee Bakely (lbakely@bojangles.com)
Subject: RE: Wilmington, NC (Market St) - Recorded Easement Agreement

Rob:

I re-submitted responses to all your requested comments and attached calculations and revised plans to the City project manager, Jeff Walton on May 8, attached by this email again. I thought YOU were waiting on the easement to respond. Okay, I think we can resolve these miscommunications and get this project back on track. I'm assuming your review of my responses will alleviate your concerns and allow the City to release this project. Thanks.

David

From: Rob Gordon [<mailto:Rob.Gordon@wilmingtonnc.gov>]
Sent: Thursday, June 19, 2014 2:45 PM
To: David Hollis
Cc: Jeff Walton; Derek Pielech
Subject: RE: Wilmington, NC (Market St) - Recorded Easement Agreement

David,

I'm glad to hear that the drainage easement was worked out and recorded. However, in the last comments I issued, I asked for additional calculations. Jeff uploaded revised plans to protrak back in May, but because there was no supporting docs, I assumed there would be a separate submittal to Engineering (which is typical). Because we never received that submittal, Bojangles never made it in my queue to review. I apologize for being the hold up – I really thought you were waiting on some resolution to the ditch issue before resubmitting. If you get me the calcs, I review it asap – I don't remember there being major issues, except for the outfall, which has apparently been resolved. Thanks.

Robert Gordon, PE
Project Engineer
City of Wilmington/Engineering
(910) 341-5856

From: David Hollis [<mailto:dhollis@hdsilm.com>]

Sent: Thursday, June 19, 2014 9:53 AM
To: Jeff Walton; Rob Gordon; Beth Easley Wetherill (bwetherill@nhcgov.com)
Cc: Greg Wayne; Lee Bakely (lbakely@bojangles.com)
Subject: FW: Wilmington, NC (Market St) - Recorded Easement Agreement
Importance: High

Jeff et al:

Attached is the recorded offsite drainage easement that Brian Prevatte promised us. Traffic and DOT have negotiated the widening of the driveway as shown on the second pdf.

If Rob has no further comments, I would like to make that one small revision and re-submit plans for final signatures. Please let me know if I have misunderstood anything, or if this is not an acceptable plan of action. Thanks.

David

From: Lee Bakely [<mailto:lbakely@bojangles.com>]
Sent: Tuesday, June 17, 2014 3:58 PM
To: David Hollis
Subject: FW: Wilmington, NC (Market St) - Recorded Easement Agreement
Importance: High

FYI...

Lee Bakely
Project Engineer
704-940-8748 (direct)



From: Laura Roberts
Sent: Tuesday, June 17, 2014 3:53 PM
To: Claude Clark; Lee Bakely
Cc: Joseph Marek
Subject: FW: Wilmington, NC (Market St) - Recorded Easement Agreement
Importance: High

FYI – the drainage easement has been recorded – see attached evidence.

From: Courtney Whitaker [<mailto:cwhitaker@shanklaw.com>]
Sent: Tuesday, June 17, 2014 3:43 PM
To: Laura Roberts; Brian Prevatte (brian.prevatte@wilmingtondevco.com); jpearson@jahlaw.com; mike.prevatte@wilmingtondevco.com
Subject: Recorded Easement Agreement
Importance: High

Please see attached “Joint and Mutual Drainage Easement and Storm Water Discharge Easement Agreement”, which was recorded yesterday, June 16, 2014, in Book 5820 at Page 434, of the New

Hanover County Registry.

Sincerely,

Courtney Whitaker, Paralegal
Shanklin & Nichols, LLP
Ph. 910.762.9400; Fax 910.251.1773

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rob.gordon@wilmingtonnc.gov
From: dhollis@hdsilm.com

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