

From: Rob Gordon
To: [shane.lippard \(raepcsi@bellsouth.net\)](mailto:shane.lippard@bellsouth.net)
Cc: [Jeff Walton](#); [Derek Pielech](#)
Subject: Eng TRC Review - Holiday Inn Express
Date: Wednesday, December 04, 2013 3:57:00 PM
Attachments: [SWP_approval_acad2004.dwg](#)
[image003.png](#)

Engineering has reviewed the plans for the proposed Holiday Inn Express at 225 Grace St and has the following TRC comments:

1. As discussed previously, as long as the project is able to obtain a redevelopment exclusion stormwater permit from DENR, no stormwater treatment will be required by the City. Please forward that permit once received.
2. A stormwater permit from City Engineering will still be required. Please submit a completed application and once copy of plans & calcs for full stormwater review. Unfortunately, the impervious proposed does not meet our criteria for a redevelopment exclusion, so the review fee will have to be \$1,000.
3. Please replace the drainage plan stamps with the attached stormwater management plan approval stamp on each sheet in the set.
4. Stormwater piping calcs and a drainage area map will be required for the two 18" pipes. Please use a 10-yr design storm and analyze for the 50-yr event.
5. There appears to be a small encroachment into the Grace St r/w. All encroachments require approval, including subgrade structural elements and temp shoring, if applicable. De minimus encroachments can be approved at staff level. Please contact City engineering to discuss encroachment approval.
6. Please clarify the driveway entrance. The curb return in plan view does not match the detail. The dimensions of the entrance appear fine, but the grades, joint spacing and concrete thickness must be to City standard.
7. It is assumed that a street cut will be required for the stormwater pipe as well. Each cut may be temporarily patched, but the final patch must be one continuous patch across all cuts. Please clarify on the plans.
8. Granite curb will be required along Grace St to match the existing curbing. Please provide a detail. Please note – the existing granite curb may be reused if it is in suitable condition. If this is a desired option, the contractor shall coordinate storage and installation with the City Streets Dept.
9. Please provide a few top & bottom of wall spot elevations along the retaining wall.

These comments will be uploaded to Protrak. Please note City Engineering will not have a representative at the TRC meeting tomorrow. Please call or email if you would like to meet separately to discuss these comments or any other questions you might have. Thank you.

Robert Gordon, PE
Project Engineer

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