

Chad Lulfs

From: Chad Lulfs
Sent: Friday, April 29, 2022 8:12 AM
To: dgeringer@rteceexpress.net
Cc: Kevin Schultheis
Subject: RE: Crossroads Church

Dave,

Please consider this email as approval of the drainage calculations.

Chad

From: dgeringer@rteceexpress.net <dgeringer@rteceexpress.net>
Sent: Thursday, April 28, 2022 3:50 PM
To: Chad Lulfs <clulfs@napoleonohio.com>
Subject: RE: Crossroads Church

Chad,

Enclosed is a stamped Site Plan along with detention area calculations for you to review. Let me know if you need anything else.

Thanks,

Dave

From: Chad Lulfs <clulfs@napoleonohio.com>
Sent: Wednesday, April 27, 2022 3:10 PM
To: dgeringer@rteceexpress.net
Subject: RE: Crossroads Church

Dave,

I think that would be the easiest way to accomplish the detention. Do you have their original calculations? If the additional flow is traveling through grass, then the flow will be slowed down (detained). If that is the case, then I would be ok with making no modifications to the system. The detained flow through grass will accomplish what we need.

Chad

From: dgeringer@rteceexpress.net <dgeringer@rteceexpress.net>
Sent: Wednesday, April 27, 2022 2:00 PM
To: Chad Lulfs <clulfs@napoleonohio.com>
Subject: RE: Crossroads Church

Chad,

Enclosed is the latest Site Plan for Crossroads Church. We took shots along the west side of the building and those are shown on the plan.

Approximately half of the lot drains to the west swale. When I did storm detention calc's. assuming the "C" value was 0.2 (undeveloped)

The new "C" value with proposed addition is about 0.22 or 9% increase. We will need to retain only about 300 cf. of water based on a 2 year storm.

We could probably put a steel plate with orifice in the catch basin at north end of swale to detain the water. Any other ideas on doing that?

Thanks,

Dave

From: Chad Lulfs <clulfs@napoleonohio.com>

Sent: Thursday, April 14, 2022 8:52 AM

To: dgeringer@rteceexpress.net

Subject: RE: Crossroads Church

The way it is proposed to be set up, there would need to be detention for the addition even though there was parking there. But now instead of requiring detention for the full site, it is just the foot print of the new building and any new parking areas. You can assume the remainder of the area to be undeveloped (grass).

From: dgeringer@rteceexpress.net <dgeringer@rteceexpress.net>

Sent: Thursday, April 14, 2022 8:49 AM

To: Chad Lulfs <clulfs@napoleonohio.com>

Subject: RE: Crossroads Church

Chad,

Thanks for getting back to me so quickly. Since the addition is going where there is already concrete driveway/parking the runoff would be the same.

Do we need to figure detention as if the area was grass before? Also a portion of the existing roof will run onto the new roof of the addition. I believe

Most of the downspouts on the west side of building outlet into the grass swale along the west property line. I will have to get over there to investigate

That more. Let me know what I need to do and I will get that around for you to review.

Thanks,

Dave

From: Chad Lulfs <clulfs@napoleonohio.com>

Sent: Thursday, April 14, 2022 8:20 AM

To: dgeringer@rteceexpress.net

Subject: RE: Crossroads Church

Dave,

We don't have drainage calculations for this property. Attached is a site plan from 1993. However, the City is currently considering changing the Engineering Rules. One of the changes is that detention will only be required for the addition, not the entire site. I hope this helps.

Chad

From: dgeringer@rtecepress.net <dgeringer@rtecepress.net>

Sent: Wednesday, April 13, 2022 3:46 PM

To: Chad Lulfs <clulfs@napoleonohio.com>

Subject: Crossroads Church

Chad,

You may have just been contacted By Eric Creighton concerning getting a zoning permit for an addition/alterations To Crossroads Church on Bonaparte Drive. I have enclosed a Site Plan of the church. Eric said you would request detention pond calcs for this site. I was just wondering if any storm detention calc's and drawings were ever done At the time the church moved into this building and/or when the concrete parking was added? There are swales along the east and west lot lines that drain into catch basins along Bonaparte Drive. The addition will be attached to the west side of the building and will go where there is already concrete parking at this time. Let me know if any detention design was ever done and also what you will require on this. Also if you have any storm drainage and utility plans for the street please send to me.

Thanks,

David Geringer

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