

Jeff Churchill

From: Yuval Sofer <yuvalsofer@hotmail.com>
Sent: Wednesday, November 28, 2012 10:07 PM
To: Jeff Churchill; Planning Commission
Cc: Robert Zeinemann
Subject: Fw: 132nd Ave Sewer {Rob Jammerman}

Hello All, please see below the discussed mail from Rob Jammerman of the city of Kirkland Nov.19, 2012, to confirm our feasibility. Rob was initially confused by the recent TC letter to his that stated shallow lines (3') and infeasible connection Redmond presented to him.

I also refer you to Ex25-28 which are emails from Rob Jammerman 2009 that confirms confirms the connection is feasible, Kirkland line has been working flawlessly, including Redmond connections, Kirkland is willing to allow new Redmond connection, and is willing to enter into an inter-local agreement for that purpose.

to serve the entire section of the street between 70th to 73rd by Kirkland line (and not only the 2 applicant parcels as was incorrectly referred to by some today):

1. "I spoke with Bob at Redmond this morning and told him that Kirkland could serve your project."
2. "No issues that I'm aware of"
3. "I'm double checking with our utility engineers to make sure we have no capacity issues in this sewer basin; I've never heard of any."
4. "If Redmond contacts me and requests that Kirkland consider providing sewer to your property, we will start the process to be sure we have capacity."
5. "I assume that Kirkland and Redmond will handle this with an Inter-local Agreement. If possible I'd like the entire common boundary so that properties can be served by either City where agreed upon and where appropriate",
6. "we'd be willing to allow this if Redmond is willing to and if it is the only feasible option"

If anyone yet has a doubt on Kirkland support you can call Rob at: 425-587-3800. I can assure you Kirkland was never the obstacle here.

I hope we can move forward on reviewing policy matters now, we will write you shortly on key policies that support the proposal (some appear in the original application)

Thanks,
Yuval

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

From: Rob Jammerman
Sent: Monday, November 19, 2012 9:43 AM
To: 'Yuval Sofer'
Subject: RE: 132nd Ave Sewer

Yuval,
Those are the only 3 agreements that I know of.

Btw - thanks for the background info you sent me on Friday. I was not aware

(or don't recall) the research and email exchange between Denise Pirolo and Bob Franklin. I'm going to send the info over to Redmond to make sure they have it.

Rob Jammerman

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

From: Yuval Sofer [mailto:yuvalsofer@hotmail.com]

Sent: Monday, November 19, 2012 9:39 AM

To: Rob Jammerman

Subject: Re: 132nd Ave Sewer

Rob, do you know if any other sewer connection to Kirkland that were achieved via inter-local agreements? Besides the church and the two in our area. Thanks.

Yuval (mobile email)

On Nov 16, 2012, at 4:58 PM, "Rob Jammerman" <RJammerman@kirklandwa.gov> wrote:

> November 5th it was sent to our PW Director

>

> Rob Jammerman

>

> -----Original Message-----

> From: Yuval Sofer [mailto:yuvalsofer@hotmail.com]

> Sent: Friday, November 16, 2012 4:54 PM

> To: Rob Jammerman

> Subject: Re: 132nd Ave Sewer

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> Rob, btw. When did you receive this report from Redmond? Was it before or

> after last Wednesday the 14th

>

> Thanks

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> Yuval (mobile email)

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> On Nov 16, 2012, at 3:41 PM, "Rob Jammerman" <RJammerman@kirklandwa.gov>

> wrote:

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>> Yuval

>> According to info from Redmond, the sewer cannot be extended. See

>> attached.

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>> Below is our standards for when a sewer must cross about a water main. If

>> you were able to cross over the sewer main and the existing 8" main is

>> only 3 ft deep and the side sewer has to be 18" min above it, I'm not
>> sure you would have enough cover on the side sewer and be able to serve
>> the property.

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>> VIII. CONSTRUCTION

>>

>> A. Through Sewer Main Line

>>

>> 1. Minimum pipe size shall be 8" (size as required by flow calculations).

>>

>> 2. Maximum distance between manholes shall not exceed 400'. Sanitary

>> Sewer - Design Criteria (continued) 7

>>

>> 3. Normal depth of pipe shall be 7' to 12'. All other depths to be

>> approved by the Public Works Department.

>>

>> B. Dead End Sewer Main Line

>>

>> Dead end sewer main shall terminate with a manhole unless otherwise

>> approved by the Public Works Department.

>>

>> C. Required Separation Between Water Lines and Sanitary Sewers (Reference

>> Standard Detail No. S.02).

>>

>> 1. Horizontal Separation (Parallel) - A minimum horizontal separation of
>> ten (10) feet between gravity sanitary sewers and any potable water lines
>> shall be maintained, whenever possible. The distance shall be measured
>> from edge to edge.

>>

>> 2. Unusual Conditions (Parallel) - When local conditions prevent a
>> horizontal separation as described above, a gravity sewer line may be
>> laid closer than ten (10) feet to a water line provided:

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>> a) It is laid in a separate trench; or it is laid in the same trench with
>> the water line that is located at one side on a bench of undisturbed
>> earth; and

>>

>> b) In either case, the elevation of the crown of the gravity sewer must
>> be at least 18 inches below the invert of the water line. When this
>> vertical separation cannot be obtained, the gravity sewer shall be
>> constructed of materials and joints that are equivalent to water main
>> standards of construction and shall be pressure tested to assure water
>> tightness prior to backfilling.

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>> 3. Vertical Separation (Perpendicular) - Sewer lines crossing water lines

>> shall be laid below the water lines to provide a separation of at least
>> 18 inches between the invert of the water line and the crown of the sewer
>> line, whenever possible.

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>> 4. Unusual Conditions (Perpendicular) - When local conditions prevent a
>> vertical separation as described above, the following construction shall
>> be used:

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>> a) Gravity sewers passing over or under water lines shall be:

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>> i. Constructed of material described in Standard Detail No. S.02. The one
>> segment of the maximum standard length of pipe (but no less than 18 feet
>> long) shall be used with the pipes centered to maximize joint separation;
>> or

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>> ii. Constructed of standard gravity sewer material encased in concrete or
>> in a 1/4" thick continuous steel casing with all voids pressure-grouted
>> with sand-cement grout.

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>> iii. The length of the sewer pipe, in both i. and ii. above, shall be
>> centered at the point of crossing so that the joints will be equidistant
>> and as far as possible from the water line. The sewer pipe shall be the
>> longest standard length available from the manufacturer.

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>> b) Water lines passing under gravity sewers, in addition, shall be
>> protected by providing:

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>> i. A vertical separation of at least 18 inches between the invert of the
>> sewer and the crown of the water line;

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>> ii. Adequate structural support for the sewers to prevent excessive
>> deflection of joints and settling on and breaking of the water lines; and
>> Sanitary Sewer - Design Criteria (continued) 8

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>> iii. The length of the sewer pipe shall be centered at the point of
>> crossing so that the joints will be equidistant and as far as possible
>> from the water line. The sewer pipe shall be the longest standard length
>> available from the manufacturer.

>> c) Pressure sewers shall only be constructed under water lines with
>> ductile iron pipe or standard sewer pipe in a steel casing for a distance
>> of at least ten (10) feet on each side of the crossing.

>>

>> Rob Jammerman

>>

>> From: Yuval Sofer [mailto:yuvalsofer@hotmail.com]

>> Sent: Friday, November 16, 2012 2:42 PM

>> To: Rob Jammerman

>> Cc: robert zeinemann

>> Subject: Re: 132nd Ave Sewer
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>> Rob,
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>> Thanks for your note. As you recall the discussion you had with bob
>> Franklin at the time 2009 around this area and as builds and you both
>> concurred (i saw it in writing) that this is reasonable and possible, and
>> capacity as well is there. As you know the water main is deep enough 7-8'
>> for the 24" and 8" line is 5' or more) and ductile iron pipe can go above
>> it. It is also allowable by Redmond code. Let me know if you need the
>> engineering we did for this at the time. Also there are four storm lines
>> and two sewer lines that cross the street already in that manner for easements
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>> existing water mains and it does not appear that our sewer can serve the
>> property. This is because a sewer main cannot go over the top of a water
>> main and the sewer cannot go under the water main due to the elevations.
>> There may be other engineering options I'm not seeing, but at this time
>> it does not appear that we can serve your property. Redmond sent this
>> info to our Public Works Director and we concurred with their
>> recommendation.
>>
>> Rob Jammerman
>> Development and Environmental Services Engineering Manager
>> 425-587-3845
>> rjammer@kirklandwa.gov<mailto:rjammer@kirklandwa.gov>
>>
>> Kirkland Public Works - Caring for your infrastructure to keep Kirkland
>> healthy, safe, and vibrant.
>>
>> <TechReportFinal.pdf.pdf>

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Jeff Churchill

From: Yuval Sofer <yuvalsofer@hotmail.com>
Sent: Wednesday, November 28, 2012 7:59 PM
To: Jeff Churchill
Subject: FW: 132nd Ave Sewer

> From: RJammerman@kirklandwa.gov
> To: yuvalsofer@hotmail.com
> Subject: RE: 132nd Ave Sewer
> Date: Mon, 19 Nov 2012 17:43:20 +0000
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> >>
> >> <TechReportFinal.pdf.pdf>

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