

Approved Minutes

City of Bloomington
Development Review Committee
July 29, 2014

McLeod Conference Room
 Bloomington Civic Plaza – 1800 West Old Shakopee Road

Staff Present

Laura McCarthy (Fire Prev) – Chair, 952-563-8965	Erik Solie (Environmental Health) 952-563-8978
Amy Schmidt (Legal) – 952-563-4889	Glen Markegard (Planning) 952-563-8923
Duke Johnson (Bldg. & Inspection) 952-563-8959	Michael Centinario (Planning) 952-563-8921
Jen Desrude (Engineering) 952-563-4862	Dennis Fields (Planning) 952-563-8925
Denise Dargan (Engineering) 952-563-4629	Mark Anderson (Assessing) 952-563-8706
Randy Quale (Parks & Rec) 952-563-8876	Tim Kampa (Utilities) 952-563-8776

<i>Item #1 - Formal</i>	Dwan Bluff Subdivision
<i>Site address</i>	3325, 3401, 3501 Overlook Drive
<i>Previous DRC Appearance</i>	6/10/14
<i>PC Hearing</i>	8/21/2014
<i>Council Hearing</i>	9/8/2014
<i>Application type</i>	Subdivision
<i>Environmental</i>	Bluff protection; Steep slopes
<i>Staff contact</i>	Fields, Dennis Ext. 8925
<i>Proposal</i>	The applicant proposes to remove an existing single family dwelling and subdivide three lots into into 13 lots and one outlot for a new single family development. Overlook drive would be connected from east to west with three lots north of the proposed road and 10 lots south of the road (along the bluff). A stormwater pond would be on the outlot and part of the proposed Lot 13.
<i>Plat name</i>	QUESTEND ADDITION and unplatted
<i>Decision maker</i>	City Council
<i>Replat/Park dedication</i>	Yes
<i>Reviews</i>	DRC; City Council; Planning Commission; Watershed District
<i>Contact 1</i>	Peter Jarvis – (pejarvis@me.com) 6109 Blue Circle Drive Suite 2000 Minnetonka, MN 55434
<i>Contact 2</i>	Jenni Thompson, RLA, AICP - (jthompson@pioneereng.com - Ph: (651) 681-1914) 2422 Enterprise Drive Mendota Heights, MN 55120

Guests Present

Paul Cherne, P.E. – pcherne@pioneereng.com – PH: 651.269.7645

Discussion/Comments:

- Dennis Fields (Planning):
 - The applicant proposes to remove an existing single family dwelling and subdivide three lots into 13 lots and one outlot for a new single family development. Overlook drive would be connected from east to west with three lots north of the proposed road and 10 lots south of the road (along the bluff). A stormwater pond would be on the outlot and part of the proposed Lot 13.
- Randy Quale (Park and Recreation):
 - In regards to park dedication requirements and possibility of having land dedicated, specifically land south of drainage easement. Desrude explained that they don't want drainage/utilities easement and we were thinking scenic easement below the 800ft elevation. Quale said it'd depend on talking with Assessing to find out what the value is on the property. It'd be worthwhile to protect sensitive area. Cherne (guest) stated that there would be interest in reducing park fees.
- Mark Anderson (Assessing):
 - If new land is to be dedicated, the figures would need to be recalculated. Initial calculation was \$68,400 with 13 lots, including a credit for the existing home. Will need size of land per acre that would potentially be dedicated so it can be calculated.
- Erik Solie (Environmental Health):
 - ISTS septic tank must be abandoned to Minnesota 70-80 rules.
 - If there are wells on property, these must be abandoned before demolishing the house, according to state statute.
- Duke Johnson (Building and Inspection):
 - No comment.
- Laura McCarthy (Fire Prevention):
 - Asked if the width of fire lane has been determined. Fields states that the Right of Way will be maintained at 60 feet per code, still discussing street width. Desrude stated that it's been shown at 32, but due to controversy, looking at traffic calming measures that could be done to bring it to 28 foot wide street with parking bump-outs. Would not go less than 24 feet.
 - Proposed parking on one side might start encroaching on fire department access.
 - Currently a road that goes connects Xerxes and France Avenue is acceptable.,
- Jennifer Desrude (Engineering): Provided Public Works comments to Cherne.
 - Peter Jarvis had asked that the road be constructed privately, but hasn't submitted request in writing. Looking for petition for public improvement for street. Grading to be done by developer. Desrude has a template but still needs to get a cost estimate for work. Jarvis was sent a schedule by Desrude. The City would not be able to build the road and utility project this year. Will need to be bid over the winter and built starting next spring.
 - Drainage along easements between houses – no spilling over retaining walls. Make sure there is no erosion.
 - Completed traffic study – within the study, there are recommendations listed for traffic calming measures. Would like to talk to Peter (Jarvis) regarding design options soon.
 - Plans do not show sidewalk. Desrude said that the City wants that constructed with this project (not at some future date). Parking on south side, walk on north side. Depending if there is traffic calming and bump-outs are done, bump-outs wouldn't be done on driveway side. Sidewalk on one side. Desrude recommends having a side meeting with Jarvis to talk about traffic calming measures.

- Stormwater management is under review. Would like the pond outlet to tie into the existing storm sewer, rather than overland flow to the pond at the golf course. Cherne asked if the manholes could be located by Public Works since Surveyor cannot find due to possibly being buried.
- Notes for preliminary plat were included in a separate sheet. Need impervious surface area, benchmarks, slope calculations, etc. On final plat, there are some redline comments to have normal signature block.
- Scenic easement – Everything below 800 would be scenic easement. Public Works to prepare document and would need legal description from developer.
- Tim Kampa (Utilities):
 - Standard details for structures and services – at least 1 inch copper water services; 4 inch PPC either SDR26 or scheduled 40 on sewer services.
 - Application to the Department of Health – This takes a long time to get info to state agencies. Phone and contact info is in the Public Works comments sheet. (City would get this permit if constructing the infrastructure as a public project).
 - New hydrant is shown at east end but there is already a hydrant there.
 - Pair of services to property (sewer and water). ¾" water service. Typical is 1 inch. If they don't use the ¾", must be abandoned at the main per City code.
 - Add one more valve mid-block due to the excessive length, just east of center hydrant.
- Dennis Fields (Planning):
 - There are 3-4 lots that need further review to ensure they meet the lot width requirements. Lots needs to meet lot width requirement of 88 feet for the first 80 feet through the lot (50 feet past setback line). Needs to meet setback at closest point between the side lot lines.
- Glen Markegard (Planning):
 - Asked Desrude if the 100 foot strip had any additional information. Desrude thought it was cleared up with previous property owner at neighboring property. Will look into if it's an easement. Markegard stated that it might need to be abandoned.
- Mark Anderson (Assessing):
 - Who will retain ownership of lot A? Desrude confirmed it'd be the City.
- Tim Kampa (Utilities):
 - There is no water service to the house on the north. Suggested putting one in if the well goes bad. Possibly a 1.5" service.
- Glen Markegard (Planning):
 - If there was park dedication, there'd be another outlot. Fields stated that the fee would increase slightly if another lot was added. Amy Schmidt (Legal) stated that an increase in the number of lots for the subdivision may require revised notification (if notices have not yet been sent).

Site Address: 3325, 3401, 3501 Overlook Dr.

DWAN BLUFF

Plat name: QUESTEND ADDITION & UNPLATTED

Proposal: Subdivision – Remove single family dwelling and subdivide site into 13 lots & outlot.

PUBLIC WORKS DEPARTMENT DEVELOPMENT PLAN REVIEW

City of Bloomington 1700 West 98th Street, Bloomington, MN 55431 952-563-4870

Applicant Information

Peter Jarvis
pejarvis@me.com
6109 Blue Circle Drive
Suite 2000
Minnetonka MN 55434

Jenni Thompson
2422 Enterprise Drive
Mendota Heights MN 55120
jthompson@pioneereng.com
651-681-1914
651-681-9488

Case No: 10939AB-14

Permit No:

Scheduled for:

Informal DRC: 6/10/14 Item #3
Formal DRC: 7/29/14

Planning Commission:
City Council:

Date Received:	6/5/14	7/24/14		
Return to:	Londell Pease	Dennis Fields		
Due Date:	6/9/14	7/28/14		

Plan Reviewer	Date	Date	Date	Date
Development/Services Section – 952-563-4862				
Jen Desrude (JCD), Civil Engineer		7/28/14		
Traffic Section				
Amy Marohn (ALM), Civil Engineer	6/9/14			
Tom Bowlin (TPB), Civil Engineer				
Kirk Roberts (KAR), Traffic & Trans. Engineer		7/28/14		
Street Design & Construction Section				
Steve Jorschumb (SKJ), RLS	6/9/14			
Julie Long (JML), Senior Civil Engineer	6/9/14	7/28/14		
Bob Simons (BPS), Civil Engineer	6/9/14	7/28/14		
Water Resources Section				
Bryan Gruidl (BRG), Sr. Water Resources Manager		7/28/14		
Steve Segar (SWS), Civil Engineer	6/9/14			
Utilities Division				
Tim Kampa (TKK), Civil Engineer		7/28/14		
Eric Wharton (ECW), Civil Engineer	6/9/14			
Maintenance Section				
Scott Anderson (SMA), Assist. Maint. Superintendent	6/9/14	7/28/14		
Dave Hanson (DLH), Assist. Maint. Superintendent				
Administration				
Jim Gates (JBG), Deputy Director of PW				
Karl Keel (KPK), Director of Public Works				
Shelly Pederson (SAP), City Engineer				

Email

Fax

1. Development/Services Section (Plats, Easements, Agreements, Misc.)

Code Requirements

- Property must be platted per Chapter 22 of the City Code
- The approved Final Plat shall be filed with Hennepin County (Chapter 22)
- All development setbacks shall be based on planned widened rights-of-way for the abutting public street(s) (Section 19.42).

CC = Council Condition of Approval
 PR = Plan Requirement - need to revise plans or satisfy comment prior to the issuance of permits
 S/R = Suggestion/Recommendation

CC	PR	S/R	Comment	Date & Initial	Date Complete
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Preliminary Plat

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See list of items that must be included on the preliminary plat per the Bloomington City Code, Chapter 22.	6/9/14 SKJ	
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Final Plat

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A title opinion or title commitment that accurately reflects the state of the title of the property being platted, dated within the past 6 months, shall be provided. (Due prior to Mayor and City Manager signatures on final plat)	6/9/14 SKJ	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Consent to Plat form is needed from any mortgage companies with property interest.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$15 fee for certified copy of plat. Engineering staff will obtain a certified copy of the plat from Hennepin County.	6/9/14 SKJ	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Right-of-way to <u>60</u> feet from centerline along <u>Overlook Dr.</u> shall be dedicated on the final plat.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Standard drainage and utility easements 10 feet along street frontages and 5 feet along internal lot lines shall be dedicated on the final plat.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Update City signature block, City Manager instead of Clerk.	7/28/14 SKJ	

Easements & Agreements

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A <u>10</u> -foot sidewalk/bikeway easement shall be provided along all street frontages. Developer/owner shall provide legal description and Engineering staff will prepare easement document.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A scenic easement shall be provided _____ as approved by the Planning Manager. Developer/owner to provide legal description and Engineering staff will prepare easement document.	6/9/14 SKJ	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Petition for public improvements and subdivision agreement required for street and utility construction.	6/9/14 SKJ	

Miscellaneous Comments

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Furnish a revised Grading, Drainage, Utility, and Erosion Control plan. Plans shall be reviewed and approved by the City Engineer prior to issuance of permits.	6/9/14 SKJ	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MN licensed Civil Engineer must design and sign all civil plans, including Grading, Drainage, Utility and Erosion Control plans.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Connection charges shall be due prior to issuance of utility permits – dollar amount to be	6/9/14	

			determined.	SKJ	
Standard Notes to Add to Plan					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temporary street signs, lighting, and addresses shall be provided during construction.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Contractor shall obtain a Public Works Permit Application for obstructions and concrete work within Right-of-Way. Permit is required prior to removals or installation. Contact Brian Hansen at 952-563-4543 or bhansen@BloomingtonMN.gov for permit application and for fee information.	6/9/14 SKJ	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A MN licensed civil engineer must design & sign all retaining walls 4' high and higher.	7/28/14 JML	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The drainage along the easements between the houses cannot just spill over the retaining wall. It needs to be captured and outfalled in a manner that doesn't cause erosion.	7/28/14 JML	

2. Traffic Section & Street Design / Construction Section

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 S/R = Suggestion/Recommendation

CC	PR	S/R	Comment	Date & Initial	Date Complete
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Traffic

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Require a traffic study.	6/9/14 ALM	
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Standard Traffic Notes to Add to Plan

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All construction and post-construction parking shall be on-site – no on-street parking/loading/unloading allowed. (Add to removal, utility or site plan sheets)	6/9/14 ALM	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All public sidewalks shall not be obstructed.	6/9/14 ALM	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Storage of materials or equipment shall not be allowed on public streets or within public right-of-way. (Add to removal, utility or site plan sheets)	6/9/14 ALM	

Street Design

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use updated City of Bloomington Standard Details from the City of Bloomington website: www.ci.bloomington.mn.us/cityhall/dept/pubworks/engineer/streets/specific.htm	6/9/14 JML	7/28/14 JML
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Show and label all property lines and easements on all plan sheets, including tree mitigation plan.	6/9/14 JML	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No <u>landscaping</u> , ponds, retaining walls, or any structure shall be placed or constructed within public right-of-way or <u>easements</u> .	6/9/14 JML	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A Bloomington standard residential driveway apron is required on accesses to public streets (see detail).	6/9/14 JML	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Label road curve data, width of road , etc.	6/9/14 JML	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Include proposed street profile.	6/9/14 BPS	7/28/14 BPS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proposed road width is labeled incorrectly on Sheet 5. It should match the Typical Section @32' F-F.	7/28/14 BPS	

Sidewalks				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sidewalk shall be constructed in new sidewalk/bikeway easement at developer's/owner's expense – Typical show walk, but plans do not?	6/9/14 JML 7/28/14 BPS
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construct sidewalk ramps with metal truncated dome panels, per Bloomington, ADA and MnDOT requirements (See Bloomington standard detail).	6/9/14 JML
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Illustrate that sidewalks do not exceed 2% maximum cross slope and 5% maximum longitudinal grade per ADA requirements by showing appropriate spot elevations and contours on the plan.	6/9/14 JML

3. Water Resources Section

CC = Council Condition of Approval
PR = Plan Requirement - need to revise plans or satisfy comment prior to the issuance of permits
S/R = Suggestion/Recommendation

CC	PR	S/R	Comment	Date & Initial	Date Complete
Storm Water Comments					
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A Stormwater Management Plan/Report shall be provided which includes: <ul style="list-style-type: none"> o Stormwater Rate Control – No net increase in runoff. o Storm Water Volume Control – no increase in volume. o Water Quality Treatment meeting requirements of Bloomington Comprehensive Surface Water Management Plan (CSWMP) www.ci.bloomington.mn.us/cityhall/dept/pubworks/engineer/waterres/waterres.htm#mgmtplan o Maintenance Schedule/Plan for Stormwater BMP signed by property owner to be filed on record with Hennepin County. Proof of filing must be submitted to Engineering. <p>*UNDER REVIEW</p>	6/9/14 SWS	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	An NPDES construction site permit and SWPPP shall be provided. The name and phone number of party responsible for erosion control shall be included; if greater than, one acre is disturbed.	6/9/14 SWS	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No additional runoff over the bluff.	6/9/14 SWS	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Need to see grading plan and pond elevations. Does it work in that location?	6/9/14 SWS	7/28/14 JCD
Erosion/Sediment Control Comments					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erosion Control Bond required prior to issuance of permits – dollar amount to be determined by Jen Desrude. Contractor to provide bid prices to install, maintain and remove EC devices.	6/9/14 SWS	

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	An Erosion Control Plan shall be provided which includes: <ul style="list-style-type: none"> o Erosion Control BMP locations shown on the plan. o Notes for maintenance (1/3 capacity, damage, tracking onto streets) and inspection (who is responsible, frequency), etc., consistent with the <i>MPCA Protecting water Quality in Urban Areas BMP Manual</i> (Nov. 2000). o Use of updated City of Bloomington Standard Details from the City of Bloomington website: www.ci.bloomington.mn.us/cityhall/dept/pubworks/engineer/streets/specific.htm o No bales allowed for inlet protection and/or ditch checks. o All materials shall meet MnDOT approved materials list: www.mrr.dot.state.mn.us/materials/approprod.asp o Use approved inlet protection at all active storm sewer inlets; only basket or sack style in traffic areas. o Include turf establishment plan. 	6/9/14 SWS	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Show existing storm sewer on west to pond.	7/28/14 SMA	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is it possible to tie proposed pond outflow to existing storm sewer on west?	7/28/14 BRG	

4. Utilities Division

CC = Council Condition of Approval
PR = Plan Comments - need to revise plans or satisfy comment, but does not necessitate a Council condition
S/R = Suggestions/Recommendations

CC	PR	S/R	Comment	Date & Initial	Date Complete
General					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sewer Availability Charge (SAC) be satisfied. Contact the Met Council at 651-602-1378 for a SAC determination, which is required by the Metropolitan Council Environmental Services.	6/9/14 ECW	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	There shall be at least a 10-foot horizontal separation between water and sewer lines.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water mains crossing storm or sanitary sewers shall have a minimum of 18-inch vertical separation.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use updated City of Bloomington Standard Details from the City of Bloomington website: www.ci.bloomington.mn.us/cityhall/dept/pubworks/handouts/enhandouts.htm#details . Show typical service(s) detail also.	6/9/14 ECW 7/28/14 TKK	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Provide peak hour and average day water demand and wastewater flow estimates	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Abandon septic system.	7/28/14 TKK	
Water					
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Loop water system (supply from two points) to provide increased reliability of service and reduce head loss.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Additional valves required for system isolation. (Longest interval shall not exceed 400 feet.) Add a valve east of the center hydrant.	6/9/14 ECW 7/28/14 TKK	

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Install enough hydrants to provide fire protection for the entire building (each hydrant covers a 300' radius in residential areas).	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Provide valving such that the building service can be isolated without shut down of the supply to hydrants.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Provide a minimum of 8 feet and a maximum of 10 feet of cover on all water lines, valves, services etc.	6/9/14 ECW	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use Class 52 DIP water main for pipe 12" in diameter and smaller. (8 mil min. polywrap on all DIP is required.)	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Approval of plans and specifications for this development are to be approved by the Minnesota Department of Health (MDH). It is the responsibility of the developer to: <ul style="list-style-type: none"> o Submit the required signed documents and fees to the MDH including the MDH Plan Review Fee Sheet. o Provide a copy of the MDH approval letter for the project to the City of Bloomington. Information regarding the MDH Plan Review may be obtained by visiting the MDH Environmental Health Division website: www.health.state.mn.us/divs/eh/water/planreview/index.html . No permits will be issued before the City has received the MDH Plan Approval Letter. <u>Please note that MDH review may take up to 6 weeks.</u>	6/9/14 ECW	

Sanitary Sewer

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A Minnesota Pollution Control Agency (MPCA) Sanitary Sewer Extension or Modification Permit is required for the proposed development. It is the responsibility of the developer to: <ul style="list-style-type: none"> o Complete the application o Obtain all necessary signatures (including the signature of the authorized City representative) o Submit the application and fee to the MPCA o Submit a copy of the application and check to Met Council o Submit a copy of the application and check to the City of Bloomington o After permit is received submit a copy of the permit to the City of Bloomington Visit the MPCA website (www.pca.state.mn.us/water/permits/index.html) for application and fee information. <u>No permits</u> will be issued before the City has received a Sanitary Sewer Extension or Modification Permit from the MPCA. <u>Please note that MPCA review may take up to 6 weeks.</u>	6/9/14 ECW	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use standard short cone manholes (no steps allowed).	6/9/14 ECW	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Use schedule 40, SDR 26, or better for PVC sewer services	6/9/14 ECW	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Design sewer (mainline pipes, clean outs, manholes, and services) with adequate depth of cover, or (high-density polystyrene) insulation to prevent freezing.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Install interior chimney seals on all sanitary sewer manholes.	6/9/14 ECW	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grading plan to include lowest floor elevation.	6/9/14 ECW	7/28/14 TKK

Standard Notes to Add to Plan

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A note shall be added to the plans stating: Taps of live water mains to be done by City forces; however, they shall be paid for and coordinated by the Contractor.	6/9/14	7/28/14
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				ECW	TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All components of the water system, up to the water meter or fire service equipment, (i.e. mainline pipes, services larger than 2", valves, fittings, caps, etc.) shall utilize protective internal coatings meeting current ANSI/AWWA Standards for cement mortar lining or special coatings. The use of unlined or uncoated (cast iron, gray iron, steel, galvanized, etc.) pipe shall not be allowed.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Combination Fire and Domestic services must terminate with a thread on flange or an MJ to flange adapter.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Utility and mechanical contractors shall coordinate installation of water service pipes, fittings, and valves all the way into the building (i.e. up to meters and/or fire service equipment) to accommodate City inspection and testing.	6/9/14 ECW	7/28/14 TKK
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Utility and mechanical contractors shall coordinate installation of sewer services all the way into the building to accommodate City inspection and testing.	6/9/14 ECW	7/28/14 TKK

5. Maintenance Section

<input checked="" type="checkbox"/>	No comment.				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Add pretreatment structure downstream of CBMH-302 prior to discharge to infiltration basin. *Must be accessible by maintenance equipment.	7/28/14 SMA	