

**AGENDA
HANOVER CITY COUNCIL
JULY 2, 2019**

MAYOR

CHRIS KAUFFMAN

COUNCIL

DOUG HAMMERSENG

KEN WARPULA

JIM ZAJICEK

MARYANN HALLSTEIN

- 1. Call to Order/Pledge of Allegiance Regular City Council Meeting: 7:00 p.m.**
- 2. Approval of Agenda**
- 3. Consent Agenda Items:**
 - a. Approve Minutes of June 18, 2019 City Council Work Session Meeting (4)**
 - b. Approve Claims as Presented: (6)**

| | |
|-------------------|----------------------|
| ➤ Claims | \$ 354,643.74 |
| ➤ Payroll | \$ 9,944.67 |
| ➤ P/R taxes & Exp | \$ 3,579.57 |
| ➤ Other Claims | <u>\$ 2,532.43</u> |
| ➤ Total Claims | <u>\$ 370,700.41</u> |
 - b. Res No 07-02-19-52 – Approving EDA Donation to Hanover Harvest Festival (23)**
 - c. Res No 07-02-19-53 – Approving Public Works Facility Site Improvements (24)**
 - d. Res No 07-02-19-54 – Approving Donation to Hanover Athletic Association (25)**
- 4. Citizen’s Forum:**
- 5. Public Hearings**
 - a. 846 Meander Rd NE – Nuisance Abatement Hearing (26)**
- 6. Unfinished Business**
 - a. Res No 07-02-19-55 – Approving Amendment to Res No 06-04-19-49 (39)**
 - b. Res No 07-02-19-56 – Approving Quotes for Cemetery Columbarium (42)**
- 7. New Business**
 - a. Res No 07-02-19-57 – Approving Final Plat for River Town Villas of Hanover (52)**
 - b. Res No 07-02-19-58 – Approving Site Plan for Astro Eng. at 11059 Lamont Ave NE (89)**
 - c. Res No 07-02-19-59 – Approving Interim Use Permit for 10171 Beebe Lake Rd NE (101)**
 - d. Res No 07-02-19-60 – Approving EDA Rent Reimbursement Request (112)**
 - e. Res No 07-02-19-61 – Approving Sanitary Sewer Lift Station Improvements (113)**
- 8. Reports**
- 9. Adjournment**

To: Mayor Kauffman & Members of the Hanover City Council
From: Brian Hagen, City Administrator
Date: June 28, 2019
Re: Review of July 2, 2019 City Council Agenda

1. Call to Order/Pledge of Allegiance Regular City Council Meeting: 7:00 p.m.
2. Approval of Agenda
3. Consent Agenda Items:
 - a. Approve Minutes of June 18, 2019 City Council Work Session Meeting (4)
 - b. Approve Claims as Presented: (6)

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 - b. Res No 07-02-19-52 – Approving EDA Donation to Hanover Harvest Festival (23)
 - c. Res No 07-02-19-53 – Approving Public Works Facility Site Improvements (24)
 - d. Res No 07-02-19-54 – Approving Donation to Hanover Athletic Association (25)
4. Citizen’s Forum:
5. Public Hearings
 - a. 846 Meander Rd NE – Nuisance Abatement Hearing (26)

Enclosed is information regarding a property nuisance. Staff has sent letters notifying the property owner of the nuisance. The nuisance continues to occur and the property owner has been notified of the abatement hearing. Staff is recommending Council order abatement of the nuisance due to not meeting ordinance requirements.
6. Unfinished Business
 - a. Res No 07-02-19-55 – Approving Amendment to Res No 06-04-19-49 (39)

See enclosed memo outlining recent events.
 - b. Res No 07-02-19-56 – Approving Quotes for Cemetery Columbarium (42)

Enclosed is a resolution approving quotes for the creation of a columbarium/seating area at the City Cemetery located along CSAH 19. The project would create an approximate 1,000 sq. ft. patio area with three floating slabs to house columbarium structures. The project is planned to begin with a single columbarium and an ability to add two more structures in the future. Staff would then purchase benches and place flower pots on the patio area.

7. New Business

a. Res No 07-02-19-57 – Approving Final Plat for River Town Villas of Hanover (52)

Enclosed are memos and the Final Plat for the project known as River Town Villas of Hanover. City Planner Nash will be present to answer any questions.

b. Res No 07-02-19-58 – Approving Site Plan for Astro Eng. at 11059 Lamont Ave NE (89)

Enclosed is a resolution approving a site plan for Astro Engineers. The approval would allow the business to construct a third building on their property. City Planner Nash will be present to answer any questions.

c. Res No 07-02-19-59 – Approving Interim Use Permit for 10171 Beebe Lake Rd NE (101)

Enclosed is a resolution approving a home occupation in an accessory structure. City Planner Nash will be present to answer any questions.

d. Res No 07-02-19-60 – Approving EDA Rent Reimbursement Request (112)

Enclosed is a resolution approving an EDA Business Incentive program request for rent reimbursement. The request is supported by the Hanover EDA.

e. Res No 07-02-19-61 – Approving Sanitary Sewer Lift Station Improvements (113)

Enclosed are quotes provided by Veolia who manages the sanitary sewer system for the City of St. Michael and Hanover's infrastructure. The system upgrades would allow for better monitoring of our lift stations in the event of emergencies by sending information to Veolia staff. Furthermore, the lift stations are aging and are in need of some rehabilitation work to ensure proper function. WSB has reviewed the proposal and agrees there is benefit with the work.

8. Reports

9. Adjournment

**CITY OF HANOVER
CITY COUNCIL MEETING
JUNE 18, 2019 – DRAFT MINUTES**

Call to Order:

Mayor Chris Kauffman called the regular meeting of Tuesday, June 18, 2019 to order at 7:05 p.m. Present were Mayor Chris Kauffman, Councilors Doug Hammerseng, Ken Warpula, Jim Zajicek, and MaryAnn Hallstein. Also present was City Administrator Brian Hagen.

Approval of Agenda:

MOTION by Warpula to approve the agenda, seconded by Zajicek. **Motion carried unanimously.**

Consent Agenda:

MOTION by Hallstein to approve the consent agenda, seconded by Zajicek.

- a. **Approve Minutes of June 4, 2019 City Council Meeting (3)**
- b. **Approve Minutes of June 10, 2019 Joint Council & Planning Commission Meeting (7)**
- c. **Approve Claims as Presented: (8)**
 - **Claims** **\$ 111,741.01**
 - **Payroll** **\$ 10,236.07**
 - **P/R taxes & Exp.** **\$ 3,691.08**
 - **Other Claims** **\$ 2,584.46**
 - **Total Claims** **\$ 128,252.62**

Motion carried unanimously.

Citizen’s Forum

City Hall Renovation

Hagen updated Council on potential costs to complete the minimum work needed to allow the former Public Works Garage connect to City Hall to be utilized as a rental space. Work would include upgrades to the door system in order to meet fire code for a fire barrier from the rest of City Hall in the event of a fire. That costs in addition to minor painting work could be approximately \$40,000.

Council consensus was to leave the space as is until a well-functioning plan for the space can be created along with determining the funding for the project.

Capital Improvement Plan Review

Could discussed the funding plan associated with the capital improvement plan. Kauffman expressed a desire to pay cash moving forward and eliminate bonding. He felt this plan did not meet Council direction and expressed a desire for Council to be more involved early on in the plan. Hagen noted this plan being reviewed is an update from what was previously supported by Council in 2016. Should Council desire to adjust the plan that can be done as this is a first review of the updated plan. Hagen further noted that the plan is being reviewed now, prior to fully entering budget season.

Hammerseng expressed caution to implementing a plan that pays cash for all expenses, noting the impact to tax payers by a large increase to the tax levy in one shot. Hammerseng stated that large expenses paid for over the course of time allows the City to maintain our roads and equipment with smaller increases to the tax levy. Kauffman requested Warpula and himself review the equipment portion of the plan, and WSB update the pavement management plan to understand today’s estimated costs.

Reports

Hagen noted that Nite to Unite is August 6th, the same night of a Council meeting. In past years, we have not been successful in getting a meeting done in time for Council to visit neighborhood events. Council consensus is to move the first meeting to August 5, 2019.

Zajicek inquired as to whether to display cases in City Hall should be removed, noting the Hanover Historical Society now has their own space. Several events cover the cases while decorating, noting that the cases in the hallway by the coat racks could stay. No decision was made.

Adjournment

MOTION by Warpula to adjourn at 8:53 p.m., seconded by Hammerseng. **Motion carried unanimously.**

APPROVED BY:

Chris Kauffman, Mayor

ATTEST:

Brian Hagen, City Administrator

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Payments

Current Period: July 2019

| Batch Name | 07/02/19 PAY | Payment | Computer Dollar Amt | \$354,643.74 | Posted |
|------------------|---|-----------|--|--------------|---------------------------|
| Refer | 2710 A-1 OUTDOOR POWER, INC. | | Ck# 002695E 7/2/2019 | | |
| Cash Payment | E 100-43000-220 Repair/Maint Supply (GE Blower: Pan Head Screw (BT 45) | | | | \$0.99 |
| Invoice | 443889 | 6/19/2019 | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total \$0.99 |
| Refer | 2691 ALEX AIR APPARATUS, INC | | - | | |
| Cash Payment | E 100-42280-220 Repair/Maint Supply (GE Annual Compressor Air Quality Test | | | | \$790.00 |
| Invoice | 1604 | 6/19/2019 | | | |
| Cash Payment | E 107-42220-580 Other Equipment | | 35 Ultra Bright 6-Point Breakaway Public Safety Vests, Class 2, Red "FIRE" | | \$1,384.35 |
| Invoice | INV-39713 | 6/20/2019 | | | |
| Cash Payment | E 403-42220-580 Other Equipment | | 18 SCBA's | | \$119,784.00 |
| Invoice | INV-39714 | 6/20/2019 | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total \$121,958.35 |
| Refer | 2710 ANDERSON, CHARLES OR LENA | | - | | |
| Cash Payment | E 100-48205-810 Refunds & Reimburseme Shelter Damage Deposit Release - 6/22/19 Event | | | | \$100.00 |
| Invoice | | 6/24/2019 | | | |
| Transaction Date | 6/25/2019 | Due 0 | Cash | 10100 | Total \$100.00 |
| Refer | 2707 AT&T MOBILITY | | - | | |
| Cash Payment | E 100-43000-321 Telephone | | PW Cell Phones - 05/18/19 - 6/17/19 | | \$317.36 |
| Invoice | X06252019 | 6/17/2019 | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total \$317.36 |
| Refer | 2693 BIFFS INC. | | Ck# 002691E 7/2/2019 | | |
| Cash Payment | E 100-45200-580 Other Equipment | | Pheasant Run Park Mini Biff Service 05/22/19 - 6/18/19 | | \$99.00 |
| Invoice | W722399 | 6/19/2019 | | | |
| Cash Payment | E 100-45200-580 Other Equipment | | EagleView Park Mini Biff Service 05/22/19 - 06/18/19 | | \$99.00 |
| Invoice | W722400 | 6/19/2019 | | | |
| Cash Payment | E 100-45200-580 Other Equipment | | Mallard Park Mini Biff Service 05/22/19 - 06/18/19 | | \$99.00 |
| Invoice | W722401 | 6/19/2019 | | | |
| Cash Payment | E 100-45200-580 Other Equipment | | Cardinal Circle Park Mini Biff Service 05/22/19 - 06/18/19 | | \$99.00 |
| Invoice | W722402 | 6/19/2019 | | | |
| Cash Payment | E 100-45200-580 Other Equipment | | Hanover Elementary School Mini Biff Service 05/22/19 - 06/18/19 | | \$161.00 |
| Invoice | W722403 | 6/19/2019 | | | |
| Cash Payment | E 100-45200-580 Other Equipment | | Settlers Park Mini Biff Service 05/22/19 - 05/28/19 | | \$40.25 |
| Invoice | W722404 | 6/19/2019 | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total \$597.25 |
| Refer | 2699 CANTUA, GABRIEL | | - | | |
| Cash Payment | E 100-48205-810 Refunds & Reimburseme Shelter Damage Deposit Release - 06/15/19 Event | | | | \$100.00 |
| Invoice | | 6/17/2019 | | | |

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Payments

Current Period: July 2019

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|------------------|--|--------------------------|--|-------|--------------|--------------------|
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$100.00 |
| Refer | 2705 <i>CARDMEMBER SRVC (CENTRAL B</i> | | | | | |
| Cash Payment | E 100-42220-221 | Equipment Parts | C Batteries | | | \$48.25 |
| Invoice | 3037 | 6/11/2019 | | | | |
| Cash Payment | E 100-42210-200 | Office Supplies (GENER | Paper, Post-Its | | | \$68.79 |
| Invoice | 917195 | 6/17/2019 | | | | |
| Cash Payment | E 100-42210-200 | Office Supplies (GENER | 250 Medical & Rescue Incident Reports | | | \$73.02 |
| Invoice | 1009-19 | 5/28/2019 | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$190.06 |
| Refer | 2703 <i>CITY OF ST. MICHAEL</i> | | <i>Ck# 002694E 7/2/2019</i> | | | |
| Cash Payment | E 100-43000-310 | Other Professional Servi | Compost & Brush Facility Partnership - 2nd Quarter 2019 | | | \$1,250.00 |
| Invoice | 06182019-1 | 6/18/2019 | | | | |
| Cash Payment | E 100-45500-437 | Other Miscellaneous | Library Operations - 2nd Quarter 2019 | | | \$1,099.82 |
| Invoice | 06182019-1 | 6/18/2019 | | | | |
| Cash Payment | E 100-45186-437 | Other Miscellaneous | Senior Center Operations - 2nd Quarter 2019 | | | \$2,174.51 |
| Invoice | 06182019-1 | 6/18/2019 | | | | |
| Cash Payment | E 602-43252-310 | Other Professional Servi | Lift Station Flows - 1st Quarter 2019 | | | \$31,493.64 |
| Invoice | 06182019-2 | 6/18/2019 | | | | |
| Cash Payment | E 602-43252-310 | Other Professional Servi | Lift Station Flows - 2nd Quarter 2019 | | | \$31,493.64 |
| Invoice | 06182019-2 | 6/18/2019 | | | | |
| Cash Payment | E 602-43252-310 | Other Professional Servi | Manhole Jetting in Crow River Hts and Cnty. Rd. 34 from May 21st - June 5th (39.0 Hours) | | | \$4,875.00 |
| Invoice | 06112019-5 | 6/11/2019 | | | | |
| Cash Payment | E 100-45500-437 | Other Miscellaneous | Library Bond Payment #2 - 2019 | | | \$3,500.00 |
| Invoice | 06112019-9 | 6/11/2019 | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$75,886.61 |
| Refer | 2705 <i>COMCAST</i> | | | | | |
| Cash Payment | E 100-43000-321 | Telephone | PW: Digital Voice & Internet - July 2019 | | | \$157.84 |
| Invoice | | 6/18/2019 | | | | |
| Transaction Date | 6/25/2019 | Due 0 | Cash | 10100 | Total | \$157.84 |
| Refer | 2713 <i>DMJ ASPHALT INC</i> | | | | | |
| Cash Payment | E 601-49410-310 | Other Professional Servi | 1028 Mallard Street Water Main Break: Asphalt Repairs | | | \$780.00 |
| Invoice | 14837 | 6/14/2019 | | | | |
| Cash Payment | E 603-43150-220 | Repair/Maint Supply (GE | 1343 River Road: Asphalt Repairs | | | \$819.00 |
| Invoice | 14837 | 6/14/2019 | | | | |
| Cash Payment | E 100-43121-224 | Street Maint Materials | Oakwood Lane & Irvine Drive: Asphalt Repairs | | | \$10,626.00 |
| Invoice | 14836 | 6/14/2019 | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$12,225.00 |
| Refer | 2708 <i>GIRL SCOUTS CRSU DAY CAMP</i> | | | | | |
| Cash Payment | E 100-48205-810 | Refunds & Reimburseme | Shelter Damage Deposit Release - 6/17 to 6/21/19 Event | | | \$200.00 |
| Invoice | | 6/24/2019 | | | | |
| Transaction Date | 6/25/2019 | Due 0 | Cash | 10100 | Total | \$200.00 |
| Refer | 2709 <i>GOPHER SIGN COMPANY</i> | | | | | |
| Cash Payment | E 100-43121-224 | Street Maint Materials | No Parking Signs - Qty 8 | | | \$529.42 |
| Invoice | 105936 | 6/13/2019 | | | | |

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Payments

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| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$529.42 |
| Refer | 2703 GUIDANCE POINT TECHNOLOGIE | | | | | - |
| Cash Payment | E 100-41600-310 Other Professional Servi | | | 6/19/19 Remote Service: Updated the Fire Station Computers to Windows 10 and Restarted Server to Complete | | \$300.00 |
| Invoice 13214 | 6/24/2019 | | | | | |
| Transaction Date | 6/25/2019 | Due 0 | Cash | 10100 | Total | \$300.00 |
| Refer | 2706 INDUSTRIAL SAFETY LLC | | | | | - |
| Cash Payment | E 107-42220-580 Other Equipment | | | Stearns Ice Rescue Suits - Qty 4 | | \$1,840.00 |
| Invoice 34025 | 6/12/2019 | | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$1,840.00 |
| Refer | 2698 KUCERA, DENNIS OR CERI | | | | | - |
| Cash Payment | E 100-48205-810 Refunds & Reimburseme | | | Hall Damage Deposit Release - 6/15/19 Event | | \$200.00 |
| Invoice | 6/17/2019 | | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$200.00 |
| Refer | 2708 LANO EQUIPMENT - LORETTO | | | | | - |
| Cash Payment | E 100-43000-220 Repair/Maint Supply (GE | | | Kubota Teeth | | \$111.38 |
| Invoice 03-681008 | 6/12/2019 | | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$111.38 |
| Refer | 2697 LEAGUE OF MINNESOTA CITIES | | | | | - |
| Cash Payment | E 100-41110-208 Training and Instruction | | | K. Warpula: 2019 LMC Annual Conference | | \$450.00 |
| Invoice 295357 | 6/14/2019 | | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$450.00 |
| Refer | 2696 MARCO TECHNOLOGIES, LLC | | | | | - |
| Cash Payment | E 100-41570-220 Repair/Maint Supply (GE | | | Contract Base Rate Charge for 06/20/19 - 07/19/19 | | \$176.05 |
| Invoice INV6470183 | 6/17/2019 | | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$176.05 |
| Refer | 2712 MENARDS - BUFFALO | | | | | - |
| Cash Payment | E 100-45200-220 Repair/Maint Supply (GE | | | Settlers Ball Field Irrigation: 1.5" Repair Coupling, SCH40 Coupling | | \$10.54 |
| Invoice 404 | 6/10/2019 | | | | | |
| Cash Payment | E 100-45200-225 Landscaping Materials | | | Settlers Ball Field Tree Irrigation: Hose, Connect Shut Off, Timer, Shower Wand | | \$234.35 |
| Invoice 727 | 6/14/2019 | | | | | |
| Cash Payment | E 100-45200-225 Landscaping Materials | | | Cardinal Park Mini Biff Fence: Screws, Caps, Brackets, Sleeves, Rails, 4x4-8', 2x4-8' | | \$707.34 |
| Invoice 1425 | 6/24/2019 | | | | | |
| Cash Payment | E 100-43000-240 Small Tools and Minor E | | | Handy Reacher | | \$9.97 |
| Invoice 1456 | 6/24/2019 | | | | | |
| Cash Payment | E 100-45200-225 Landscaping Materials | | | Cardinal Park Mini Biff Fence: Sleeves, Caps, Brackets, 4x4-8' | | \$102.57 |
| Invoice 1456 | 6/24/2019 | | | | | |
| Cash Payment | E 100-43000-215 Shop Supplies | | | Air Fresheners | | \$3.88 |
| Invoice 1456 | 6/24/2019 | | | | | |
| Cash Payment | E 100-43000-215 Shop Supplies | | | PW Building: Filters, Window Cleaner | | \$42.93 |
| Invoice 1457 | 6/24/2019 | | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$1,111.58 |

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|---|--|--|------|-------|--------------|---------------------|
| Refer 2704 METRO WEST INSPECTION SERVI | | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 58-18 @ 11562 11th Street NE | | | | \$153.18 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 12-19 @ 9792 Jasmine Avenue NE | | | | \$1,400.30 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 23-19 @ 219 Jansen Avenue NE | | | | \$29.75 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 29-19 @ 1050 Mallard Street NE | | | | \$96.59 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 37-19 @ 11635 Lynwood Avenue NE | | | | \$35.00 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 38-19 @ 11361 12th Street NE | | | | \$35.00 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 39-19 @ 1044 Emerald Street NE | | | | \$88.50 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 45-19 @ 11515 Riverview Road | | | | \$35.00 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Cash Payment | E 100-42401-310 Other Professional Servi | Pmt 47-19 @ 11574 11th Street NE | | | | \$112.76 |
| Invoice 2041 | 6/26/2019 | | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$1,986.08 |
| Refer 2695 MINNESOTA ZOO | | | | | | |
| Cash Payment | E 100-45200-440 Programs | Zoomobile for Park Board Event on 08/07/19 | | | | \$325.00 |
| Invoice 2751790 | | | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$325.00 |
| Refer 2701 MN PUBLIC FACILITIES AUTHORITY Ck# 002693E 7/2/2019 | | | | | | |
| Cash Payment | E 602-47000-601 Debt Srv Bond Principal | MN PFA Bond - Principal | | | | \$102,000.00 |
| Invoice | 6/26/2019 | | | | | |
| Cash Payment | E 602-47000-611 Bond Interest | MN PFA Bond - Interest | | | | \$2,255.65 |
| Invoice | 6/26/2019 | | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$104,255.65 |
| Refer 2694 NORTHLAND TRUST | | | | | | |
| Cash Payment | E 311-47000-611 Bond Interest | \$660,000 Capital Improvement Plan Refunding Bonds, Series 2008A - Interest Payment | | | | \$2,145.00 |
| Invoice HAN08A-0619 | 6/19/2019 | | | | | |
| Cash Payment | E 311-47000-620 Fiscal Agents Fees | \$660,000 Capital Improvement Plan Refunding Bonds, Series 2008A - Fiscal Agent Fee | | | | \$495.00 |
| Invoice HAN08A-0619 | 6/19/2019 | | | | | |
| Cash Payment | E 315-47000-611 Bond Interest | \$1,535,000 General Obligation Capital Improvement Plan Bonds, Series 2016A - Interest Payment | | | | \$19,707.50 |
| Invoice HAN16A-0619 | 6/17/2019 | | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$22,347.50 |
| Refer 2709 PETERSEN, ROXANNE | | | | | | |
| Cash Payment | E 100-48205-810 Refunds & Reimburseme | Hall Damage Deposit Release - 6/22/19 Event | | | | \$200.00 |
| Invoice | 6/24/2019 | | | | | |
| Transaction Date | 6/25/2019 | Due 0 | Cash | 10100 | Total | \$200.00 |
| Refer 2692 POSTMASTER | | | | | | |
| Cash Payment | E 100-41570-322 Postage | Postage - 3rd Quarter Newsletter | | | | \$259.39 |
| Invoice | | | | | | |

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Payments

Current Period: July 2019

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|------------------|--|-----------|---|-------|--------------|-------------------|
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$259.39 |
| Refer | 2700 <i>QUILL CORPORATION</i> | | Ck# 002692E 7/2/2019 | | | |
| Cash Payment | E 100-41570-200 Office Supplies (GENER | | Name Plate: N. Preisler - WSB | | | \$24.78 |
| Invoice | 8124511 | 6/18/2019 | | | | |
| Transaction Date | 6/26/2019 | Due 0 | Cash | 10100 | Total | \$24.78 |
| Refer | 2704 <i>RANDYS ENVIRONMENTAL SERVI</i> | | Ck# 002685E 7/2/2019 | | | |
| Cash Payment | E 100-43245-384 Refuse/Garbage Dispos | | Recycling - June 2019 | | | \$3,465.60 |
| Invoice | | 6/19/2019 | | | | |
| Cash Payment | E 100-41940-384 Refuse/Garbage Dispos | | General Trash - City Hall - July 2019 | | | \$222.66 |
| Invoice | | 6/19/2019 | | | | |
| Cash Payment | E 100-41940-384 Refuse/Garbage Dispos | | General Trash - Fire Station - July 2019 | | | \$30.19 |
| Invoice | | 6/19/2019 | | | | |
| Transaction Date | 6/25/2019 | Due 0 | Cash | 10100 | Total | \$3,718.45 |
| Refer | 2711 <i>SITE ONE LANDSCAPE SUPPLY</i> | | | | | |
| Cash Payment | E 100-45200-220 Repair/Maint Supply (GE | | LESCO 24-0-11 Fertilizer | | | \$810.04 |
| Invoice | 92262987-001 | 6/18/2019 | | | | |
| Cash Payment | E 100-45200-220 Repair/Maint Supply (GE | | Cardinal Ball Field: 600 Series Gear Driven Rotor - Qty 2 | | | \$222.86 |
| Invoice | 92333715-001 | 6/19/2019 | | | | |
| Transaction Date | 6/27/2019 | Due 0 | Cash | 10100 | Total | \$1,032.90 |
| Refer | 2702 <i>VISA - BANKWEST</i> | | | | | |
| Cash Payment | E 100-41940-321 Telephone | | CH: Phone Services - 5 Lines - 6/23/19 - 7/22/19 | | | \$192.88 |
| Invoice | INV00105378 | 6/24/2019 | | | | |
| Cash Payment | E 100-43000-321 Telephone | | PW: Phone Services - 3 Lines - 6/23/19 - 7/22/19 | | | \$115.02 |
| Invoice | INV00105378 | 6/24/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 3 Leather Black Chairs | | | \$244.97 |
| Invoice | 321613794-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 3 Leather Black Chairs | | | \$239.97 |
| Invoice | 321614997-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 1 Black Leather Chair | | | \$69.94 |
| Invoice | 321603082-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 1 Mesh Black Chair | | | \$87.04 |
| Invoice | 321606297-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 2 Black Leاهر Chairs | | | \$154.98 |
| Invoice | 321616483-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 1 Leather Black Chair | | | \$72.17 |
| Invoice | 321608487-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 1 Mesh Black Chair | | | \$89.81 |
| Invoice | 321607360-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 1 Mesh Black Chair | | | \$78.39 |
| Invoice | 321610080-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41940-560 Furniture and Fixtures | | 1 Mesh Black Chair | | | \$72.79 |
| Invoice | 321608726-001 | 5/28/2019 | | | | |
| Cash Payment | E 100-41570-200 Office Supplies (GENER | | AA Batteries, AAA Batteries, Small Binder Clips | | | \$59.95 |
| Invoice | 324805822-001 | 6/4/2019 | | | | |
| Cash Payment | E 100-41600-310 Other Professional Servi | | Office 365 Business Software | | | \$8.86 |
| Invoice | E06008H48N | 6/13/2019 | | | | |

CITY OF HANOVER
Payments

Current Period: July 2019

Fund Summary

| | |
|---------------------------------|--------------|
| | 10100 Cash |
| 603 STORM WATER ENTERPRISE FUND | \$819.00 |
| 602 SEWER ENTERPRISE FUND | \$172,117.93 |
| 601 WATER ENTERPRISE FUND | \$780.00 |
| 403 FIRE DEPT CAPITAL FUND | \$119,784.00 |
| 315 2016A GO CIP BOND | \$19,707.50 |
| 311 2008A GO CIP REFUNDING BOND | \$2,640.00 |
| 107 FIRE DEPT DONATIONS FUND | \$3,224.35 |
| 100 GENERAL FUND | \$35,570.96 |
| | <hr/> |
| | \$354,643.74 |

| | |
|--|--------------------|
| Pre-Written Check | \$184,589.13 |
| Checks to be Generated by the Computer | \$170,054.61 |
| Total | <hr/> \$354,643.74 |

CITY OF HANOVER

06/27/19 3:55 PM

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*Check Summary Register©

Cks 7/2/2019 - 7/2/2019

| Name | Check Date | Check Amt | |
|--|------------|---------------------|---------------------------------|
| 10100 Cash | | | |
| Paid Chk# 002685E Randy's Environmental Services | 7/2/2019 | \$3,718.45 | Recycling - June 2019 |
| Paid Chk# 002686E Wright-Hennepin Coop Electric | 7/2/2019 | \$105.40 | EagleView Park - 3 Light Poles |
| Paid Chk# 002691E BIFFS INC. | 7/2/2019 | \$597.25 | Pheasant Run Park Mini Biff Se |
| Paid Chk# 002692E QUILL CORPORATION | 7/2/2019 | \$24.78 | Name Plate: N. Preisler - WSB |
| Paid Chk# 002693E MN PUBLIC FACILITIES AUTHOR | 7/2/2019 | \$104,255.65 | MN PFA Bond - Principal |
| Paid Chk# 002694E CITY OF ST. MICHAEL | 7/2/2019 | \$75,886.61 | Compost & Brush Facility Partn |
| Paid Chk# 002695E A-1 OUTDOOR POWER, INC. | 7/2/2019 | \$0.99 | Blower: Pan Head Screw (BT 45) |
| Paid Chk# 034347 ALEX AIR APPARATUS, INC | 7/2/2019 | \$121,958.35 | 18 SCBA's |
| Paid Chk# 034348 ANDERSON, CHARLES OR LENA | 7/2/2019 | \$100.00 | Shelter Damage Deposit Release |
| Paid Chk# 034349 AT&T MOBILITY | 7/2/2019 | \$317.36 | PW Cell Phones - 05/18/19 - 6/ |
| Paid Chk# 034350 CANTUA, GABRIEL | 7/2/2019 | \$100.00 | Shelter Damage Deposit Release |
| Paid Chk# 034351 CARDMEMBER SERVICE | 7/2/2019 | \$190.06 | 250 Medical & Rescue Incident |
| Paid Chk# 034352 COMCAST | 7/2/2019 | \$157.84 | PW: Digital Voice & Internet - |
| Paid Chk# 034353 DMJ ASPHALT INC | 7/2/2019 | \$12,225.00 | 1343 River Road: Asphalt Repai |
| Paid Chk# 034354 GIRL SCOUTS CRSU DAY CAMP | 7/2/2019 | \$200.00 | Shelter Damage Deposit Release |
| Paid Chk# 034355 GOPHER SIGN COMPANY | 7/2/2019 | \$529.42 | No Parking Signs - Qty 8 |
| Paid Chk# 034356 Guidance Point Technologies | 7/2/2019 | \$300.00 | 6/19/19 Remote Service: Update |
| Paid Chk# 034357 INDUSTRIAL SAFETY LLC | 7/2/2019 | \$1,840.00 | Stearns Ice Rescue Suits - Qty |
| Paid Chk# 034358 KUCERA, DENNIS OR CERI | 7/2/2019 | \$200.00 | Hall Damage Deposit Release - |
| Paid Chk# 034359 LANO EQUIPMENT - LORETTO | 7/2/2019 | \$111.38 | Kubota Teeth |
| Paid Chk# 034360 LEAGUE OF MINNESOTA CITIES | 7/2/2019 | \$450.00 | K. Warpula: 2019 LMC Annual Co |
| Paid Chk# 034361 MARCO TECHNOLOGIES, LLC | 7/2/2019 | \$176.05 | Contract Base Rate Charge for |
| Paid Chk# 034362 MENARDS - BUFFALO | 7/2/2019 | \$1,111.58 | Cardinal Park Mini Biff Fence: |
| Paid Chk# 034363 METRO WEST INSPECTION SER | 7/2/2019 | \$1,986.08 | Pmt 38-19 @ 11361 12th Street |
| Paid Chk# 034364 MINNESOTA ZOO | 7/2/2019 | \$325.00 | Zoomobile for Park Board Event |
| Paid Chk# 034365 Northland Trust Services | 7/2/2019 | \$22,347.50 | \$660,000 Capital Improvement P |
| Paid Chk# 034366 PETERSEN, ROXANNE | 7/2/2019 | \$200.00 | Hall Damage Deposit Release - |
| Paid Chk# 034367 POSTMASTER | 7/2/2019 | \$259.39 | Postage - 3rd Quarter Newslett |
| Paid Chk# 034368 SITE ONE LANDSCAPE SUPPLY | 7/2/2019 | \$1,032.90 | LESCO 24-0-11 Fertilizer |
| Paid Chk# 034369 VISA | 7/2/2019 | \$2,090.80 | 1 Black Leather Chair |
| Paid Chk# 034370 XCEL ENERGY | 7/2/2019 | \$1,845.90 | 1033 Mallard Street NE 05/08/1 |
| Total Checks | | \$354,643.74 | |

FILTER: None

CITY OF HANOVER

Cash Balances

July 2019

| Fund | Begin Month | GL Debits Month | GL Credits Month | Balance |
|------------------------------------|----------------|-----------------|------------------|----------------|
| 100 GENERAL FUND | \$228,831.37 | \$0.00 | \$35,570.96 | \$193,260.41 |
| 107 FIRE DEPT DONATIONS FUND | \$26,695.43 | \$0.00 | \$3,224.35 | \$23,471.08 |
| 201 EDA SPECIAL REVENUE FUND | \$96,842.15 | \$0.00 | \$0.00 | \$96,842.15 |
| 205 EDA BUSINESS INCENTIVE FUND | \$148,578.85 | \$0.00 | \$0.00 | \$148,578.85 |
| 311 2008A GO CIP REFUNDING BOND | \$46,406.25 | \$0.00 | \$2,640.00 | \$43,766.25 |
| 312 2009A GO IMP REFUNDING BOND | \$10,847.48 | \$0.00 | \$0.00 | \$10,847.48 |
| 314 2011A GO IMP CROSSOVER REF BD | \$466,327.25 | \$0.00 | \$0.00 | \$466,327.25 |
| 315 2016A GO CIP BOND | \$11,234.06 | \$0.00 | \$19,707.50 | -\$8,473.44 |
| 401 GENERAL CAPITAL PROJECTS | \$735,073.49 | \$0.00 | \$0.00 | \$735,073.49 |
| 402 PARKS CAPITAL PROJECTS | \$67,206.32 | \$0.00 | \$0.00 | \$67,206.32 |
| 403 FIRE DEPT CAPITAL FUND | \$351,032.95 | \$0.00 | \$119,784.00 | \$231,248.95 |
| 404 HISTORICAL CAPITAL PROJ FUND | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 405 PARK DEDICATION FEE | \$2,740.00 | \$0.00 | \$0.00 | \$2,740.00 |
| 406 GAMBLING PROCEEDS | \$11,009.03 | \$0.00 | \$0.00 | \$11,009.03 |
| 407 TIF REDEV DIST #1 | \$7,914.67 | \$0.00 | \$0.00 | \$7,914.67 |
| 409 MAHLER PIT - 15TH ST IMP FUND | \$92,696.66 | \$0.00 | \$0.00 | \$92,696.66 |
| 411 FACILITIES CAPITAL PROJ FUND | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 417 EQUIPMENT CAPITAL FUND | \$128,408.41 | \$0.00 | \$0.00 | \$128,408.41 |
| 418 STREET CAPITAL PROJ FUND | \$104,112.70 | \$0.00 | \$0.00 | \$104,112.70 |
| 601 WATER ENTERPRISE FUND | \$923,959.14 | \$0.00 | \$780.00 | \$923,179.14 |
| 602 SEWER ENTERPRISE FUND | \$400,495.04 | \$0.00 | \$172,117.93 | \$228,377.11 |
| 603 STORM WATER ENTERPRISE FUND | \$147,437.23 | \$0.00 | \$819.00 | \$146,618.23 |
| 611 WATER CAPITAL IMP FUND | \$179,597.90 | \$0.00 | \$0.00 | \$179,597.90 |
| 612 SEWER CAPITAL IMP FUND | \$1,980,774.78 | \$0.00 | \$0.00 | \$1,980,774.78 |
| 613 STORM WATER CAPITAL IMP FUND | \$617,032.38 | \$0.00 | \$0.00 | \$617,032.38 |
| 701 RIVER ROAD CEMETERY | \$35,981.74 | \$0.00 | \$0.00 | \$35,981.74 |
| 811 EROSION CONTROL ESCROW FUND | \$40,123.53 | \$0.00 | \$0.00 | \$40,123.53 |
| 815 LANDSCAPE ESCROW FUND | \$42,000.00 | \$0.00 | \$0.00 | \$42,000.00 |
| 817 INFRASTRUCTURE ESCROW FUND | \$17,000.00 | \$0.00 | \$0.00 | \$17,000.00 |
| 818 MISC ESCROWS FUND | \$23,676.65 | \$0.00 | \$0.00 | \$23,676.65 |
| 820 BRIDGES TOWNHOMES ESC FUND | \$3,686.68 | \$0.00 | \$0.00 | \$3,686.68 |
| 823 CROW RVR HTS WEST 3RD / BACKES | \$12,479.52 | \$0.00 | \$0.00 | \$12,479.52 |
| 825 CROW RVR HTS FUT WEST PLAT/PUD | \$7,069.56 | \$0.00 | \$0.00 | \$7,069.56 |
| 826 CROW RVR HTS 4TH ADD FINL PLAT | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 827 HANOVER COVE PRELIMINARY PLAT | \$30,128.31 | \$0.00 | \$0.00 | \$30,128.31 |
| 900 INTEREST | \$16,727.49 | \$0.00 | \$0.00 | \$16,727.49 |
| | \$7,014,127.02 | \$0.00 | \$354,643.74 | \$6,659,483.28 |

Revenue Budget Report - General Fund

| Source Alt Code | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|--------------------------|--|---------------------|-----------------|--------------------|---------------------|----------------|
| Fund 100 GENERAL FUND | | | | | | |
| TAXES | R 100-31000 Property Taxes - General | \$0.00 | \$0.00 | \$1,019,659.00 | \$1,019,659.00 | 0.00% |
| TAXES | R 100-31020 Property Taxes - Fire | \$0.00 | \$0.00 | \$101,578.00 | \$101,578.00 | 0.00% |
| TAXES | R 100-31800 Franchise Fees | \$0.00 | \$3,637.40 | \$15,000.00 | \$11,362.60 | 24.25% |
| Source Alt Code TAXES | | \$0.00 | \$3,637.40 | \$1,136,237.00 | \$1,132,599.60 | 0.32% |
| SERVICE | R 100-34000 Charges for Services | \$0.00 | \$5,335.31 | \$0.00 | -\$5,335.31 | 0.00% |
| SERVICE | R 100-34101 City Hall Rent Revenue | \$0.00 | \$6,425.00 | \$10,000.00 | \$3,575.00 | 64.25% |
| SERVICE | R 100-34107 Assessment Search Fees | \$0.00 | \$325.00 | \$600.00 | \$275.00 | 54.17% |
| SERVICE | R 100-34108 Administrative Fees | \$0.00 | \$3,900.00 | \$3,000.00 | -\$900.00 | 130.00% |
| SERVICE | R 100-34109 Copies/Faxes | \$0.00 | \$0.00 | \$50.00 | \$50.00 | 0.00% |
| SERVICE | R 100-34206 Other Public Safety Charges | \$0.00 | \$620.00 | \$0.00 | -\$620.00 | 0.00% |
| SERVICE | R 100-34207 Fire Protection Services | \$0.00 | \$41,298.95 | \$110,755.00 | \$69,456.05 | 37.29% |
| SERVICE | R 100-34403 Recycling Rev/Reimb | \$0.00 | \$1,135.00 | \$6,000.00 | \$4,865.00 | 18.92% |
| SERVICE | R 100-34780 Park Rental Fees | \$0.00 | \$1,404.40 | \$2,500.00 | \$1,095.60 | 56.18% |
| SERVICE | R 100-34940 Cemetery Revenues | \$0.00 | \$3,500.00 | \$2,000.00 | -\$1,500.00 | 175.00% |
| Source Alt Code SERVICE | | \$0.00 | \$63,943.66 | \$134,905.00 | \$70,961.34 | 47.40% |
| MISC | R 100-36100 Special Assessments | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| MISC | R 100-36200 Miscellaneous Revenues | \$0.00 | \$330.13 | \$100.00 | -\$230.13 | 330.13% |
| MISC | R 100-36210 Interest Earnings | \$0.00 | \$2,063.40 | \$0.00 | -\$2,063.40 | 0.00% |
| MISC | R 100-36215 Investment Income/Loss | \$0.00 | \$3,428.31 | \$0.00 | -\$3,428.31 | 0.00% |
| MISC | R 100-36230 Contributions and Donations | \$0.00 | \$250.00 | \$400.00 | \$150.00 | 62.50% |
| MISC | R 100-36235 Insurance Dividends | \$0.00 | \$0.00 | \$4,000.00 | \$4,000.00 | 0.00% |
| MISC | R 100-36250 Damage Deposits | \$0.00 | \$6,050.00 | \$0.00 | -\$6,050.00 | 0.00% |
| MISC | R 100-36260 Refunds or Reimbursements | \$0.00 | \$19.56 | \$0.00 | -\$19.56 | 0.00% |
| MISC | R 100-36290 Sale of Vehicles/Equipment | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| MISC | R 100-39101 Sales of General Fixed Asset | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| MISC | R 100-39203 Transfer from Other Fund | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Source Alt Code MISC | | \$0.00 | \$12,141.40 | \$4,500.00 | -\$7,641.40 | 269.81% |
| LIC PERM | R 100-32110 Alcoholic Beverages | \$0.00 | \$3,620.00 | \$10,370.00 | \$6,750.00 | 34.91% |
| LIC PERM | R 100-32180 Other Bus. Licenses/Permits | \$0.00 | \$400.00 | \$1,000.00 | \$600.00 | 40.00% |
| LIC PERM | R 100-32210 Building Permits | \$0.00 | \$41,443.72 | \$100,000.00 | \$58,556.28 | 41.44% |
| LIC PERM | R 100-32240 Animal Licenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| LIC PERM | R 100-32260 Solid Waste Hauler Licenses | \$0.00 | \$1,500.00 | \$1,500.00 | \$0.00 | 100.00% |
| LIC PERM | R 100-32270 Rental Dwelling Licenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| LIC PERM | R 100-32280 Other Non-Business Lic/Per | \$0.00 | \$0.00 | \$50.00 | \$50.00 | 0.00% |
| Source Alt Code LIC PERM | | \$0.00 | \$46,963.72 | \$112,920.00 | \$65,956.28 | 41.59% |
| INTGOVT | R 100-33400 State Grants and Aids | \$0.00 | \$1,500.00 | \$0.00 | -\$1,500.00 | 0.00% |
| INTGOVT | R 100-33401 Local Government Aid | \$0.00 | \$0.00 | \$118,253.00 | \$118,253.00 | 0.00% |
| INTGOVT | R 100-33410 MV Credit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| INTGOVT | R 100-33420 PERA Aid | \$0.00 | \$0.00 | \$339.00 | \$339.00 | 0.00% |
| INTGOVT | R 100-33422 State Fire Aid | \$0.00 | \$0.00 | \$39,000.00 | \$39,000.00 | 0.00% |
| INTGOVT | R 100-33426 State Police Aid | \$0.00 | \$0.00 | \$5,500.00 | \$5,500.00 | 0.00% |
| INTGOVT | R 100-33610 County Grants/Aid for Roads | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Source Alt Code INTGOVT | | \$0.00 | \$1,500.00 | \$163,092.00 | \$161,592.00 | 0.92% |
| FINES | R 100-35100 Court Fines | \$0.00 | \$1,054.59 | \$3,000.00 | \$1,945.41 | 35.15% |
| Source Alt Code FINES | | \$0.00 | \$1,054.59 | \$3,000.00 | \$1,945.41 | 35.15% |
| Fund 100 GENERAL FUND | | \$0.00 | \$129,240.77 | \$1,554,654.00 | \$1,425,413.23 | 8.31% |

CITY OF HANOVER
Revenue Budget Report - General Fund

| Source Alt Code | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|-----------------------|---------------|------------------|-----------------|--------------------|---------------------|----------------|
| | | \$0.00 | \$129,240.77 | \$1,554,654.00 | \$1,425,413.23 | 8.31% |

CITY OF HANOVER
Expenditure Budget Report - General Fund

| Dept Abbrev | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|-----------------------------------|---|---------------------|-----------------|--------------------|---------------------|----------------|
| Fund 100 GENERAL FUND | | | | | | |
| Dept 41110 Council | | | | | | |
| COUNCIL | E 100-41110-111 Committee Wages/Mee | \$0.00 | \$0.00 | \$13,000.00 | \$13,000.00 | 0.00% |
| COUNCIL | E 100-41110-122 FICA | \$0.00 | \$0.00 | \$806.00 | \$806.00 | 0.00% |
| COUNCIL | E 100-41110-123 Medicare | \$0.00 | \$0.00 | \$189.00 | \$189.00 | 0.00% |
| COUNCIL | E 100-41110-208 Training and Instructio | \$450.00 | \$1,300.00 | \$1,000.00 | -\$300.00 | 130.00% |
| COUNCIL | E 100-41110-306 Dues & Subscriptions | \$0.00 | \$5,702.59 | \$7,500.00 | \$1,797.41 | 76.03% |
| COUNCIL | E 100-41110-331 Travel Expenses | \$0.00 | \$382.00 | \$1,000.00 | \$618.00 | 38.20% |
| COUNCIL | E 100-41110-437 Other Miscellaneous | \$0.00 | \$441.02 | \$20,000.00 | \$19,558.98 | 2.21% |
| Dept 41110 Council | | \$450.00 | \$7,825.61 | \$43,495.00 | \$35,669.39 | 17.99% |
| Dept 41330 Boards and Commissions | | | | | | |
| BRDCOMM | E 100-41330-111 Committee Wages/Mee | \$0.00 | \$0.00 | \$5,000.00 | \$5,000.00 | 0.00% |
| BRDCOMM | E 100-41330-208 Training and Instructio | \$0.00 | \$150.00 | \$0.00 | -\$150.00 | 0.00% |
| BRDCOMM | E 100-41330-331 Travel Expenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 41330 Boards and Commissions | | \$0.00 | \$150.00 | \$5,000.00 | \$4,850.00 | 3.00% |
| Dept 41400 City Administrator | | | | | | |
| CITYADM | E 100-41400-101 Full-Time Employees R | \$0.00 | \$35,482.56 | \$75,642.00 | \$40,159.44 | 46.91% |
| CITYADM | E 100-41400-121 PERA | \$0.00 | \$2,804.77 | \$5,673.00 | \$2,868.23 | 49.44% |
| CITYADM | E 100-41400-122 FICA | \$0.00 | \$2,315.26 | \$4,690.00 | \$2,374.74 | 49.37% |
| CITYADM | E 100-41400-123 Medicare | \$0.00 | \$541.49 | \$1,097.00 | \$555.51 | 49.36% |
| CITYADM | E 100-41400-134 Employer Paid Life | \$0.00 | \$291.90 | \$385.00 | \$93.10 | 75.82% |
| CITYADM | E 100-41400-151 Med/Dental Insurance | \$0.00 | \$4,200.00 | \$8,400.00 | \$4,200.00 | 50.00% |
| CITYADM | E 100-41400-208 Training and Instructio | \$0.00 | \$1,195.00 | \$1,500.00 | \$305.00 | 79.67% |
| CITYADM | E 100-41400-306 Dues & Subscriptions | \$0.00 | \$135.00 | \$250.00 | \$115.00 | 54.00% |
| Dept 41400 City Administrator | | \$0.00 | \$46,965.98 | \$97,637.00 | \$50,671.02 | 48.10% |
| Dept 41410 Elections | | | | | | |
| ELECTION | E 100-41410-200 Office Supplies (GENER | \$0.00 | -\$1,651.40 | \$100.00 | \$1,751.40 | 651.40% |
| ELECTION | E 100-41410-310 Other Professional Serv | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| ELECTION | E 100-41410-351 Legal Notices Publishin | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| ELECTION | E 100-41410-400 Repairs & Maint Cont (| \$0.00 | \$1,201.60 | \$2,000.00 | \$798.40 | 60.08% |
| Dept 41410 Elections | | \$0.00 | -\$449.80 | \$2,100.00 | \$2,549.80 | -21.42% |
| Dept 41430 Clerical Staff | | | | | | |
| CLERICAL | E 100-41430-101 Full-Time Employees R | \$0.00 | \$22,564.98 | \$48,004.00 | \$25,439.02 | 47.01% |
| CLERICAL | E 100-41430-121 PERA | \$0.00 | \$1,783.49 | \$3,600.00 | \$1,816.51 | 49.54% |
| CLERICAL | E 100-41430-122 FICA | \$0.00 | \$1,471.03 | \$2,976.00 | \$1,504.97 | 49.43% |
| CLERICAL | E 100-41430-123 Medicare | \$0.00 | \$344.00 | \$696.00 | \$352.00 | 49.43% |
| CLERICAL | E 100-41430-134 Employer Paid Life | \$0.00 | \$199.42 | \$1,540.00 | \$1,340.58 | 12.95% |
| CLERICAL | E 100-41430-142 Unemployment Benefit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| CLERICAL | E 100-41430-151 Med/Dental Insurance | \$0.00 | \$4,200.00 | \$8,400.00 | \$4,200.00 | 50.00% |
| CLERICAL | E 100-41430-208 Training and Instructio | \$0.00 | \$180.00 | \$500.00 | \$320.00 | 36.00% |
| CLERICAL | E 100-41430-306 Dues & Subscriptions | \$0.00 | \$45.00 | \$100.00 | \$55.00 | 45.00% |
| Dept 41430 Clerical Staff | | \$0.00 | \$30,787.92 | \$65,816.00 | \$35,028.08 | 46.78% |
| Dept 41435 Staff Expenses | | | | | | |
| STAFFEXP | E 100-41435-260 Uniforms | \$0.00 | \$245.57 | \$300.00 | \$54.43 | 81.86% |
| STAFFEXP | E 100-41435-310 Other Professional Serv | \$0.00 | \$150.00 | \$500.00 | \$350.00 | 30.00% |
| STAFFEXP | E 100-41435-331 Travel Expenses | \$0.00 | \$1,052.83 | \$2,000.00 | \$947.17 | 52.64% |
| Dept 41435 Staff Expenses | | \$0.00 | \$1,448.40 | \$2,800.00 | \$1,351.60 | 51.73% |
| Dept 41530 Accounting | | | | | | |
| ACCTING | E 100-41530-101 Full-Time Employees R | \$0.00 | \$26,122.40 | \$55,692.00 | \$29,569.60 | 46.91% |
| ACCTING | E 100-41530-121 PERA | \$0.00 | \$2,064.89 | \$4,177.00 | \$2,112.11 | 49.43% |

CITY OF HANOVER
Expenditure Budget Report - General Fund

| Dept Abbrev | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|---|---|---------------|--------------|-----------------|------------------|-------------|
| ACCTING | E 100-41530-122 FICA | \$0.00 | \$1,706.98 | \$3,453.00 | \$1,746.02 | 49.43% |
| ACCTING | E 100-41530-123 Medicare | \$0.00 | \$399.18 | \$808.00 | \$408.82 | 49.40% |
| ACCTING | E 100-41530-134 Employer Paid Life | \$0.00 | \$230.26 | \$1,060.00 | \$829.74 | 21.72% |
| ACCTING | E 100-41530-151 Med/Dental Insurance | \$0.00 | \$4,022.00 | \$8,398.00 | \$4,376.00 | 47.89% |
| ACCTING | E 100-41530-208 Training and Instructio | \$0.00 | \$50.00 | \$1,000.00 | \$950.00 | 5.00% |
| ACCTING | E 100-41530-306 Dues & Subscriptions | \$0.00 | \$50.04 | \$250.00 | \$199.96 | 20.02% |
| ACCTING | E 100-41530-310 Other Professional Serv | \$0.00 | \$3,137.90 | \$2,500.00 | -\$637.90 | 125.52% |
| Dept 41530 Accounting | | \$0.00 | \$37,783.65 | \$77,338.00 | \$39,554.35 | 48.86% |
| Dept 41540 Auditing | | | | | | |
| AUDITING | E 100-41540-301 Auditing and Acctg Ser | \$0.00 | \$22,150.00 | \$22,000.00 | -\$150.00 | 100.68% |
| Dept 41540 Auditing | | \$0.00 | \$22,150.00 | \$22,000.00 | -\$150.00 | 100.68% |
| Dept 41550 Assessing | | | | | | |
| ASSESS G | E 100-41550-310 Other Professional Serv | \$0.00 | \$13,228.60 | \$21,000.00 | \$7,771.40 | 62.99% |
| Dept 41550 Assessing | | \$0.00 | \$13,228.60 | \$21,000.00 | \$7,771.40 | 62.99% |
| Dept 41570 Purchasing | | | | | | |
| PURCHASE | E 100-41570-200 Office Supplies (GENER | \$217.28 | \$1,137.87 | \$3,500.00 | \$2,362.13 | 32.51% |
| PURCHASE | E 100-41570-205 Bank Fees | \$0.00 | \$37.00 | \$200.00 | \$163.00 | 18.50% |
| PURCHASE | E 100-41570-207 Computer Supplies | \$0.00 | \$6,129.93 | \$6,000.00 | -\$129.93 | 102.17% |
| PURCHASE | E 100-41570-220 Repair/Maint Supply (G | \$176.05 | \$2,396.88 | \$4,000.00 | \$1,603.12 | 59.92% |
| PURCHASE | E 100-41570-322 Postage | \$259.39 | \$1,399.62 | \$2,500.00 | \$1,100.38 | 55.98% |
| PURCHASE | E 100-41570-570 Office Equip and Furnis | \$0.00 | \$0.00 | \$3,000.00 | \$3,000.00 | 0.00% |
| Dept 41570 Purchasing | | \$652.72 | \$11,101.30 | \$19,200.00 | \$8,098.70 | 57.82% |
| Dept 41600 Computer | | | | | | |
| COMPUTER | E 100-41600-310 Other Professional Serv | \$420.86 | \$3,546.68 | \$5,000.00 | \$1,453.32 | 70.93% |
| Dept 41600 Computer | | \$420.86 | \$3,546.68 | \$5,000.00 | \$1,453.32 | 70.93% |
| Dept 41610 City Attorney | | | | | | |
| CITYATNY | E 100-41610-304 Legal Fees | \$0.00 | \$3,319.35 | \$23,500.00 | \$20,180.65 | 14.12% |
| Dept 41610 City Attorney | | \$0.00 | \$3,319.35 | \$23,500.00 | \$20,180.65 | 14.12% |
| Dept 41910 Planning and Zoning | | | | | | |
| PLANZONG | E 100-41910-310 Other Professional Serv | \$0.00 | \$10,634.75 | \$25,000.00 | \$14,365.25 | 42.54% |
| Dept 41910 Planning and Zoning | | \$0.00 | \$10,634.75 | \$25,000.00 | \$14,365.25 | 42.54% |
| Dept 41940 General Govt Buildings/Plant | | | | | | |
| GOVTBLDG | E 100-41940-210 Operating Supplies (GE | \$0.00 | \$0.00 | \$2,000.00 | \$2,000.00 | 0.00% |
| GOVTBLDG | E 100-41940-220 Repair/Maint Supply (G | \$0.00 | \$2,683.97 | \$7,000.00 | \$4,316.03 | 38.34% |
| GOVTBLDG | E 100-41940-306 Dues & Subscriptions | \$0.00 | \$525.00 | \$525.00 | \$0.00 | 100.00% |
| GOVTBLDG | E 100-41940-310 Other Professional Serv | \$0.00 | \$2,571.21 | \$7,500.00 | \$4,928.79 | 34.28% |
| GOVTBLDG | E 100-41940-321 Telephone | \$192.88 | \$2,361.67 | \$6,400.00 | \$4,038.33 | 36.90% |
| GOVTBLDG | E 100-41940-325 Taxes | \$0.00 | \$25.06 | \$500.00 | \$474.94 | 5.01% |
| GOVTBLDG | E 100-41940-381 Electric Utilities | \$979.27 | \$3,640.76 | \$9,600.00 | \$5,959.24 | 37.92% |
| GOVTBLDG | E 100-41940-383 Gas Utilities | \$0.00 | \$2,455.58 | \$5,000.00 | \$2,544.42 | 49.11% |
| GOVTBLDG | E 100-41940-384 Refuse/Garbage Dispos | \$252.85 | \$1,819.83 | \$3,500.00 | \$1,680.17 | 52.00% |
| GOVTBLDG | E 100-41940-415 Other Equipment Renta | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| GOVTBLDG | E 100-41940-520 Buildings and Structure | \$0.00 | \$0.00 | \$4,000.00 | \$4,000.00 | 0.00% |
| GOVTBLDG | E 100-41940-560 Furniture and Fixtures | \$1,110.06 | \$4,742.54 | \$2,000.00 | -\$2,742.54 | 237.13% |
| GOVTBLDG | E 100-41940-580 Other Equipment | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 41940 General Govt Buildings/Plant | | \$2,535.06 | \$20,825.62 | \$48,025.00 | \$27,199.38 | 43.36% |
| Dept 41950 Engineer | | | | | | |
| ENGINEER | E 100-41950-303 Engineering Fees | \$0.00 | \$3,682.00 | \$20,000.00 | \$16,318.00 | 18.41% |
| Dept 41950 Engineer | | \$0.00 | \$3,682.00 | \$20,000.00 | \$16,318.00 | 18.41% |

CITY OF HANOVER
Expenditure Budget Report - General Fund

| Dept Abbrev | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|-------------------------------------|---|---------------------|-----------------|--------------------|---------------------|----------------|
| Dept 41960 Insurance | | | | | | |
| INSURANCE | E 100-41960-150 Worker s Comp (GENE | \$0.00 | \$12,875.72 | \$18,000.00 | \$5,124.28 | 71.53% |
| INSURANCE | E 100-41960-152 Worker s Comp Benefit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| INSURANCE | E 100-41960-361 General Liability Ins | \$0.00 | \$23,659.82 | \$25,000.00 | \$1,340.18 | 94.64% |
| Dept 41960 Insurance | | \$0.00 | \$36,535.54 | \$43,000.00 | \$6,464.46 | 84.97% |
| Dept 41970 Legal Publications | | | | | | |
| LEGALPUB | E 100-41970-341 Employment | \$0.00 | \$0.00 | \$300.00 | \$300.00 | 0.00% |
| LEGALPUB | E 100-41970-343 Other Advertising | \$0.00 | \$119.00 | \$100.00 | -\$19.00 | 119.00% |
| LEGALPUB | E 100-41970-351 Legal Notices Publishin | \$0.00 | \$131.87 | \$1,000.00 | \$868.13 | 13.19% |
| LEGALPUB | E 100-41970-354 Recording Fees | \$0.00 | \$52.65 | \$250.00 | \$197.35 | 21.06% |
| Dept 41970 Legal Publications | | \$0.00 | \$303.52 | \$1,650.00 | \$1,346.48 | 18.40% |
| Dept 42000 Public Safety (GENERAL) | | | | | | |
| PUBSAFTY | E 100-42000-437 Other Miscellaneous | \$0.00 | \$20.00 | \$0.00 | -\$20.00 | 0.00% |
| Dept 42000 Public Safety (GENERAL) | | \$0.00 | \$20.00 | \$0.00 | -\$20.00 | 0.00% |
| Dept 42101 Hennepin County Sheriff | | | | | | |
| HCSHERIFF | E 100-42101-310 Other Professional Serv | \$0.00 | \$20,679.00 | \$82,716.00 | \$62,037.00 | 25.00% |
| Dept 42101 Hennepin County Sheriff | | \$0.00 | \$20,679.00 | \$82,716.00 | \$62,037.00 | 25.00% |
| Dept 42102 Wright County Sheriff | | | | | | |
| WCSHERIFF | E 100-42102-310 Other Professional Serv | \$0.00 | \$54,944.95 | \$108,770.00 | \$53,825.05 | 50.51% |
| Dept 42102 Wright County Sheriff | | \$0.00 | \$54,944.95 | \$108,770.00 | \$53,825.05 | 50.51% |
| Dept 42210 Fire Dept Administration | | | | | | |
| FIREADMIN | E 100-42210-103 Part-Time Employees | \$0.00 | -\$2,524.46 | \$61,000.00 | \$63,524.46 | -4.14% |
| FIREADMIN | E 100-42210-122 FICA | \$0.00 | \$2,045.98 | \$3,782.00 | \$1,736.02 | 54.10% |
| FIREADMIN | E 100-42210-123 Medicare | \$0.00 | \$478.51 | \$885.00 | \$406.49 | 54.07% |
| FIREADMIN | E 100-42210-142 Unemployment Benefit | \$0.00 | \$0.00 | \$300.00 | \$300.00 | 0.00% |
| FIREADMIN | E 100-42210-150 Worker s Comp (GENE | \$0.00 | \$8,559.48 | \$9,000.00 | \$440.52 | 95.11% |
| FIREADMIN | E 100-42210-200 Office Supplies (GENER | \$141.81 | \$770.59 | \$350.00 | -\$420.59 | 220.17% |
| FIREADMIN | E 100-42210-305 Medical and Dental Fee | \$0.00 | \$0.00 | \$4,000.00 | \$4,000.00 | 0.00% |
| FIREADMIN | E 100-42210-306 Dues & Subscriptions | \$0.00 | \$792.00 | \$1,500.00 | \$708.00 | 52.80% |
| FIREADMIN | E 100-42210-361 General Liability Ins | \$0.00 | \$3,548.16 | \$5,000.00 | \$1,451.84 | 70.96% |
| Dept 42210 Fire Dept Administration | | \$141.81 | \$13,670.26 | \$85,817.00 | \$72,146.74 | 15.93% |
| Dept 42220 Fire Dept Equipment | | | | | | |
| FIREEQUIP | E 100-42220-221 Equipment Parts | \$48.25 | \$888.30 | \$15,500.00 | \$14,611.70 | 5.73% |
| FIREEQUIP | E 100-42220-228 Medical Supplies | \$0.00 | \$794.69 | \$1,500.00 | \$705.31 | 52.98% |
| FIREEQUIP | E 100-42220-240 Small Tools and Minor | \$0.00 | \$0.00 | \$1,000.00 | \$1,000.00 | 0.00% |
| FIREEQUIP | E 100-42220-260 Uniforms | \$0.00 | \$3,097.51 | \$28,500.00 | \$25,402.49 | 10.87% |
| FIREEQUIP | E 100-42220-580 Other Equipment | \$0.00 | \$3,276.79 | \$5,000.00 | \$1,723.21 | 65.54% |
| Dept 42220 Fire Dept Equipment | | \$48.25 | \$8,057.29 | \$51,500.00 | \$43,442.71 | 15.65% |
| Dept 42240 Fire Dept Training | | | | | | |
| FIRETRNG | E 100-42240-208 Training and Instructio | \$0.00 | \$2,015.81 | \$12,500.00 | \$10,484.19 | 16.13% |
| FIRETRNG | E 100-42240-310 Other Professional Serv | \$0.00 | \$1,608.56 | \$3,210.00 | \$1,601.44 | 50.11% |
| FIRETRNG | E 100-42240-331 Travel Expenses | \$0.00 | \$293.64 | \$1,500.00 | \$1,206.36 | 19.58% |
| Dept 42240 Fire Dept Training | | \$0.00 | \$3,918.01 | \$17,210.00 | \$13,291.99 | 22.77% |
| Dept 42260 Fire Vehicles | | | | | | |
| FIREVEH | E 100-42260-212 Motor Fuels | \$0.00 | \$933.15 | \$4,500.00 | \$3,566.85 | 20.74% |
| FIREVEH | E 100-42260-220 Repair/Maint Supply (G | \$0.00 | \$377.90 | \$9,000.00 | \$8,622.10 | 4.20% |
| FIREVEH | E 100-42260-240 Small Tools and Minor | \$0.00 | \$0.00 | \$1,000.00 | \$1,000.00 | 0.00% |
| FIREVEH | E 100-42260-323 Radio Units | \$0.00 | \$5,795.30 | \$7,805.00 | \$2,009.70 | 74.25% |
| Dept 42260 Fire Vehicles | | \$0.00 | \$7,106.35 | \$22,305.00 | \$15,198.65 | 31.86% |

CITY OF HANOVER
Expenditure Budget Report - General Fund

| Dept Abbrev | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|--------------------------------------|---|---------------------|-----------------|--------------------|---------------------|----------------|
| Dept 42280 Fire Stations and Bldgs | | | | | | |
| FIREBLDG | E 100-42280-215 Shop Supplies | \$0.00 | \$70.64 | \$1,650.00 | \$1,579.36 | 4.28% |
| FIREBLDG | E 100-42280-220 Repair/Maint Supply (G | \$790.00 | \$1,674.96 | \$7,500.00 | \$5,825.04 | 22.33% |
| FIREBLDG | E 100-42280-321 Telephone | \$0.00 | \$490.67 | \$1,000.00 | \$509.33 | 49.07% |
| FIREBLDG | E 100-42280-325 Taxes | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| FIREBLDG | E 100-42280-381 Electric Utilities | \$322.22 | \$1,495.20 | \$4,500.00 | \$3,004.80 | 33.23% |
| FIREBLDG | E 100-42280-383 Gas Utilities | \$0.00 | \$2,036.96 | \$3,000.00 | \$963.04 | 67.90% |
| FIREBLDG | E 100-42280-520 Buildings and Structure | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 42280 Fire Stations and Bldgs | | \$1,112.22 | \$5,768.43 | \$17,650.00 | \$11,881.57 | 32.68% |
| Dept 42290 Fire Relief Association | | | | | | |
| FIRERELIEF | E 100-42290-124 Fire Pension Contributi | \$0.00 | \$0.00 | \$39,000.00 | \$39,000.00 | 0.00% |
| FIRERELIEF | E 100-42290-125 Other Retirement Contr | \$0.00 | \$0.00 | \$11,602.00 | \$11,602.00 | 0.00% |
| FIRERELIEF | E 100-42290-301 Auditing and Acctg Ser | \$0.00 | \$0.00 | \$6,250.00 | \$6,250.00 | 0.00% |
| Dept 42290 Fire Relief Association | | \$0.00 | \$0.00 | \$56,852.00 | \$56,852.00 | 0.00% |
| Dept 42401 Building Inspection Admin | | | | | | |
| INSPADMN | E 100-42401-310 Other Professional Serv | \$1,986.08 | \$17,390.52 | \$50,000.00 | \$32,609.48 | 34.78% |
| Dept 42401 Building Inspection Admin | | \$1,986.08 | \$17,390.52 | \$50,000.00 | \$32,609.48 | 34.78% |
| Dept 42700 Animal Control | | | | | | |
| ANIMCTRL | E 100-42700-310 Other Professional Serv | \$0.00 | \$457.00 | \$1,000.00 | \$543.00 | 45.70% |
| Dept 42700 Animal Control | | \$0.00 | \$457.00 | \$1,000.00 | \$543.00 | 45.70% |
| Dept 42800 Cemetery | | | | | | |
| CEMETERY | E 100-42800-310 Other Professional Serv | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 42800 Cemetery | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 43000 Public Works (GENERAL) | | | | | | |
| PUBWRKS | E 100-43000-101 Full-Time Employees R | \$0.00 | \$73,452.78 | \$138,997.00 | \$65,544.22 | 52.84% |
| PUBWRKS | E 100-43000-102 Full-Time Employees O | \$0.00 | \$1,063.56 | \$2,000.00 | \$936.44 | 53.18% |
| PUBWRKS | E 100-43000-103 Part-Time Employees | \$0.00 | \$5,328.58 | \$14,580.00 | \$9,251.42 | 36.55% |
| PUBWRKS | E 100-43000-121 PERA | \$0.00 | \$5,934.98 | \$12,300.00 | \$6,365.02 | 48.25% |
| PUBWRKS | E 100-43000-122 FICA | \$0.00 | \$5,069.45 | \$11,072.00 | \$6,002.55 | 45.79% |
| PUBWRKS | E 100-43000-123 Medicare | \$0.00 | \$1,185.60 | \$2,589.00 | \$1,403.40 | 45.79% |
| PUBWRKS | E 100-43000-134 Employer Paid Life | \$0.00 | \$666.60 | \$2,535.00 | \$1,868.40 | 26.30% |
| PUBWRKS | E 100-43000-142 Unemployment Benefit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| PUBWRKS | E 100-43000-151 Med/Dental Insurance | \$0.00 | \$15,970.28 | \$32,400.00 | \$16,429.72 | 49.29% |
| PUBWRKS | E 100-43000-208 Training and Instructio | \$0.00 | \$2,003.39 | \$2,500.00 | \$496.61 | 80.14% |
| PUBWRKS | E 100-43000-212 Motor Fuels | \$0.00 | \$6,459.00 | \$7,000.00 | \$541.00 | 92.27% |
| PUBWRKS | E 100-43000-215 Shop Supplies | \$46.81 | \$1,239.91 | \$7,500.00 | \$6,260.09 | 16.53% |
| PUBWRKS | E 100-43000-220 Repair/Maint Supply (G | \$112.37 | \$2,520.97 | \$12,000.00 | \$9,479.03 | 21.01% |
| PUBWRKS | E 100-43000-226 Sign Repair Materials | \$0.00 | \$273.73 | \$1,500.00 | \$1,226.27 | 18.25% |
| PUBWRKS | E 100-43000-240 Small Tools and Minor | \$9.97 | \$2,627.29 | \$5,000.00 | \$2,372.71 | 52.55% |
| PUBWRKS | E 100-43000-260 Uniforms | \$0.00 | \$405.51 | \$3,000.00 | \$2,594.49 | 13.52% |
| PUBWRKS | E 100-43000-310 Other Professional Serv | \$1,296.90 | \$2,781.40 | \$10,000.00 | \$7,218.60 | 27.81% |
| PUBWRKS | E 100-43000-321 Telephone | \$590.22 | \$3,240.76 | \$4,200.00 | \$959.24 | 77.16% |
| PUBWRKS | E 100-43000-325 Taxes | \$0.00 | \$19.50 | \$200.00 | \$180.50 | 9.75% |
| PUBWRKS | E 100-43000-381 Electric Utilities | \$371.37 | \$1,910.67 | \$6,000.00 | \$4,089.33 | 31.84% |
| PUBWRKS | E 100-43000-383 Gas Utilities | \$0.00 | \$3,578.37 | \$5,000.00 | \$1,421.63 | 71.57% |
| Dept 43000 Public Works (GENERAL) | | \$2,427.64 | \$135,732.33 | \$280,373.00 | \$144,640.67 | 48.41% |
| Dept 43121 Paved Streets | | | | | | |
| PAVSTRTS | E 100-43121-224 Street Maint Materials | \$11,155.42 | \$17,530.42 | \$100,000.00 | \$82,469.58 | 17.53% |
| Dept 43121 Paved Streets | | \$11,155.42 | \$17,530.42 | \$100,000.00 | \$82,469.58 | 17.53% |
| Dept 43122 Unpaved Streets | | | | | | |

CITY OF HANOVER
Expenditure Budget Report - General Fund

| Dept Abbrev | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|----------------|---|---------------------|-----------------|--------------------|---------------------|----------------|
| UNPAVSTS | E 100-43122-224 Street Maint Materials | \$0.00 | \$565.00 | \$15,000.00 | \$14,435.00 | 3.77% |
| Dept 43122 | Unpaved Streets | \$0.00 | \$565.00 | \$15,000.00 | \$14,435.00 | 3.77% |
| Dept 43125 | Ice & Snow Removal | | | | | |
| SNOWREMO | E 100-43125-224 Street Maint Materials | \$0.00 | \$4,572.86 | \$20,000.00 | \$15,427.14 | 22.86% |
| Dept 43125 | Ice & Snow Removal | \$0.00 | \$4,572.86 | \$20,000.00 | \$15,427.14 | 22.86% |
| Dept 43160 | Street Lighting | | | | | |
| STLGHTG | E 100-43160-381 Electric Utilities | \$105.19 | \$10,336.62 | \$25,000.00 | \$14,663.38 | 41.35% |
| Dept 43160 | Street Lighting | \$105.19 | \$10,336.62 | \$25,000.00 | \$14,663.38 | 41.35% |
| Dept 43240 | Waste (refuse) Disposal | | | | | |
| REFDISPO | E 100-43240-384 Refuse/Garbage Dispos | \$0.00 | \$2,674.82 | \$1,000.00 | -\$1,674.82 | 267.48% |
| Dept 43240 | Waste (refuse) Disposal | \$0.00 | \$2,674.82 | \$1,000.00 | -\$1,674.82 | 267.48% |
| Dept 43245 | Recycling: Refuse | | | | | |
| RECYCLING | E 100-43245-384 Refuse/Garbage Dispos | \$3,465.60 | \$20,739.20 | \$40,000.00 | \$19,260.80 | 51.85% |
| Dept 43245 | Recycling: Refuse | \$3,465.60 | \$20,739.20 | \$40,000.00 | \$19,260.80 | 51.85% |
| Dept 45186 | Senior Center | | | | | |
| SRCENTER | E 100-45186-437 Other Miscellaneous | \$2,174.51 | \$4,349.02 | \$8,700.00 | \$4,350.98 | 49.99% |
| Dept 45186 | Senior Center | \$2,174.51 | \$4,349.02 | \$8,700.00 | \$4,350.98 | 49.99% |
| Dept 45200 | Parks (GENERAL) | | | | | |
| PARKS | E 100-45200-212 Motor Fuels | \$0.00 | \$298.52 | \$2,000.00 | \$1,701.48 | 14.93% |
| PARKS | E 100-45200-220 Repair/Maint Supply (G | \$1,402.92 | \$2,971.57 | \$5,000.00 | \$2,028.43 | 59.43% |
| PARKS | E 100-45200-225 Landscaping Materials | \$1,044.26 | \$3,304.40 | \$8,000.00 | \$4,695.60 | 41.31% |
| PARKS | E 100-45200-310 Other Professional Serv | \$0.00 | \$7,000.00 | \$7,000.00 | \$0.00 | 100.00% |
| PARKS | E 100-45200-381 Electric Utilities | \$126.35 | \$1,013.70 | \$2,200.00 | \$1,186.30 | 46.08% |
| PARKS | E 100-45200-400 Repairs & Maint Cont (| \$0.00 | \$0.00 | \$1,500.00 | \$1,500.00 | 0.00% |
| PARKS | E 100-45200-440 Programs | \$325.00 | \$817.05 | \$3,000.00 | \$2,182.95 | 27.24% |
| PARKS | E 100-45200-580 Other Equipment | \$597.25 | \$3,626.21 | \$8,000.00 | \$4,373.79 | 45.33% |
| Dept 45200 | Parks (GENERAL) | \$3,495.78 | \$19,031.45 | \$36,700.00 | \$17,668.55 | 51.86% |
| Dept 45500 | Libraries (GENERAL) | | | | | |
| LIBRARY | E 100-45500-437 Other Miscellaneous | \$4,599.82 | \$9,199.64 | \$11,500.00 | \$2,300.36 | 80.00% |
| Dept 45500 | Libraries (GENERAL) | \$4,599.82 | \$9,199.64 | \$11,500.00 | \$2,300.36 | 80.00% |
| Dept 48205 | Damage Deposit Refunds | | | | | |
| DMGDEPRF | E 100-48205-810 Refunds & Reimburse | \$800.00 | \$5,250.00 | \$0.00 | -\$5,250.00 | 0.00% |
| Dept 48205 | Damage Deposit Refunds | \$800.00 | \$5,250.00 | \$0.00 | -\$5,250.00 | 0.00% |
| Dept 49360 | Transfers Out | | | | | |
| TRANSFERS | E 100-49360-700 Transfers (GENERAL) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 49360 | Transfers Out | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 49800 | Transit (GENERAL) | | | | | |
| TRANSIT | E 100-49800-310 Other Professional Serv | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Dept 49800 | Transit (GENERAL) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 0.00% |
| Fund 100 | GENERAL FUND | \$35,570.96 | \$611,832.29 | \$1,554,654.00 | \$942,821.71 | 39.35% |

Expenditure Budget Report - General Fund

| Dept Abbrev | Account Descr | July 2019 Amt | 2019 YTD Amt | 2019 YTD Budget | 2019 YTD Balance | %YTD Budget |
|----------------|---------------|---------------------|-----------------|--------------------|---------------------|----------------|
| | | \$35,570.96 | \$611,832.29 | \$1,554,654.00 | \$942,821.71 | 39.35% |

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.



RESOLUTION NO 07-02-19-52

**A RESOLUTION APPROVING DONATION FROM THE
HANOVER ECONOMIC DEVELOPMENT AUTHORITY TO THE
HANOVER HARVEST FESTIVAL**

WHEREAS, the Hanover Economic Development Authority (EDA) passed a motion to donate \$1,500.00 at their June 20, 2019 meeting as part of their annual contribution to the Hanover Harvest Festival.

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves the donation from the Hanover EDA to the Hanover Harvest Festival of \$1,500.00.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July 2019.

APPROVED BY:

ATTEST:

Chris Kauffman, Mayor

Brian Hagen, City Administrator

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.



RESOLUTION NO 07-02-19-53

**A RESOLUTION APPROVING DONATION FROM THE
HANOVER ECONOMIC DEVELOPMENT AUTHORITY TO THE
HANOVER HARVEST FESTIVAL**

WHEREAS, the Hanover Public Works Facility utilizes outdoor storage for materials, and

WHEREAS, the materials would benefit from being placed on a solid concrete surface with separation barriers from other materials; and

WHEREAS, the fuel barrel system would benefit from a roof to keep snow/ice off of the equipment.

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves public works staff to construct site improvements in the form of material storage bays and a covered roof over the fuel barrel system at an estimated cost of \$5,500.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July 2019.

APPROVED BY:

ATTEST:

Chris Kauffman, Mayor

Brian Hagen, City Administrator

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.



RESOLUTION NO 07-02-19-54

**A RESOLUTION APPROVING DONATION FROM TO THE
HANOVER ATHLETIC ASSOCIATION**

WHEREAS, the City of Hanover has a building previously utilized as a warming house; and

WHEREAS, the City no longer is in need of this structure; and

WHEREAS, the Hanover Athletic Association has expressed interest in utilizing the structure for the purpose of storing Hanover Youth Ball equipment in it.

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves the donation of the unused warming house structure located in Settlers Park, to the Hanover Athletic Association for the purpose of a Hanover Youth Ball equipment storage area.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July 2019.

APPROVED BY:

ATTEST:

Chris Kauffman, Mayor

Brian Hagen, City Administrator



CITY OF HANOVER COMPLAINT FORM

DATE OF COMPLAINT: 5.27.2019

LOCATION OF COMPLAINT/VIOLATION 846 Meander Rd Hanover, MN

TYPE OF COMPLAINT:

- Junk/Abandoned vehicle
- Junk/Refuse/Debris
- Weeds/Yard Violation
- Dog Nuisance
- Noise Violation
- Zoning Violation
- Other

COMMENT/EXPLANATION

Neighbors are putting up a plywood fence. There are no visible building permit or gopher state utility flags. The plywood barrier is unsightly to neighbors.

COMPLAINANT'S NAME [REDACTED]

COMPLAINANT'S TEL [REDACTED]

COMPLAINANT'S ADDRESS [REDACTED]
Hanover, MN 55341

COMPLAINANT'S SIGNATURE [REDACTED] DATE 5.27.19

Pursuant to Minnesota Data Practices Laws, the identity of a complainant will not be provided or released except in a court of law.

For City Use Only

Assigned to: _____ Date: _____

Action/Comments Building Inspector Mark put a stop work order up on 5/29/19. Spoke with Taylor Piikkarainen & emailed her the info needed for a building permit (see attached).

Amy Biren

From: Please Do Not Click Reply <support@govoffice.com>
Sent: Wednesday, May 29, 2019 2:49 PM
To: City Hall
Subject: Contact Us (form) has been filled out on your site.

Follow Up Flag: Follow up
Flag Status: Completed

Your Site has received new information through an online form.

Online Form: Contact Us

Site URL: www.hanovermn.org

Name: Taylor

Address: 846 Meander Rd

City: Hanover

State: MN

Zip Code: 55341

E-mail Address: Taylorpikkarainen@gmail.com Phone Number: (612) 222-6606

Subject: Stop work notice

Type your question, comment, or suggestion: Stop work notice was put on our door without a number to call back..
please call regarding this ASAP.

This person selected the following option(s).

-Yes, by phone.

Do Not Click Reply - This e-mail has been generated from an online form.

Amy Biren

From: Amy Biren
Sent: Wednesday, May 29, 2019 3:19 PM
To: Taylorpikkarainen@gmail.com
Subject: Building Permit Information
Attachments: 846 Meander Survey.jpg; 846 Meander Septic.jpg; Building Permit.pdf

Hi Taylor,

Here is the information you need to complete a building permit application for your privacy screen.

Please complete the highlighted portion of the building permit application. On the survey, draw in the location of the privacy screen to scale as close as possible. I did provide you with the location of your septic area so that you leave that area undisturbed. In addition, provide a copy of the construction plans of the privacy screen—these may be hand drawn with measurements. Make sure that if footings were used, that you include that information as well.

Since the work was started without a permit, Metro West Inspections may charge a penalty fee as permitted by Minnesota State Law. I don't know if they will in this case since it is a fence, but I wanted you to be prepared just in case they do charge it.

Please let me know if you have any questions.

Thanks,

Amy

Amy L. Biren

Administrative Assistant

City of Hanover

T: 763-497-3777

F: 763-497-1873





BUILDING PERMIT APPLICATION

City Hall (763) 497-3777
 City Hall Fax (763) 497-1873
 Inspections (763) 479-1720
 Inspections Fax (763) 479-3090

Permit No. _____

Date Issued: _____

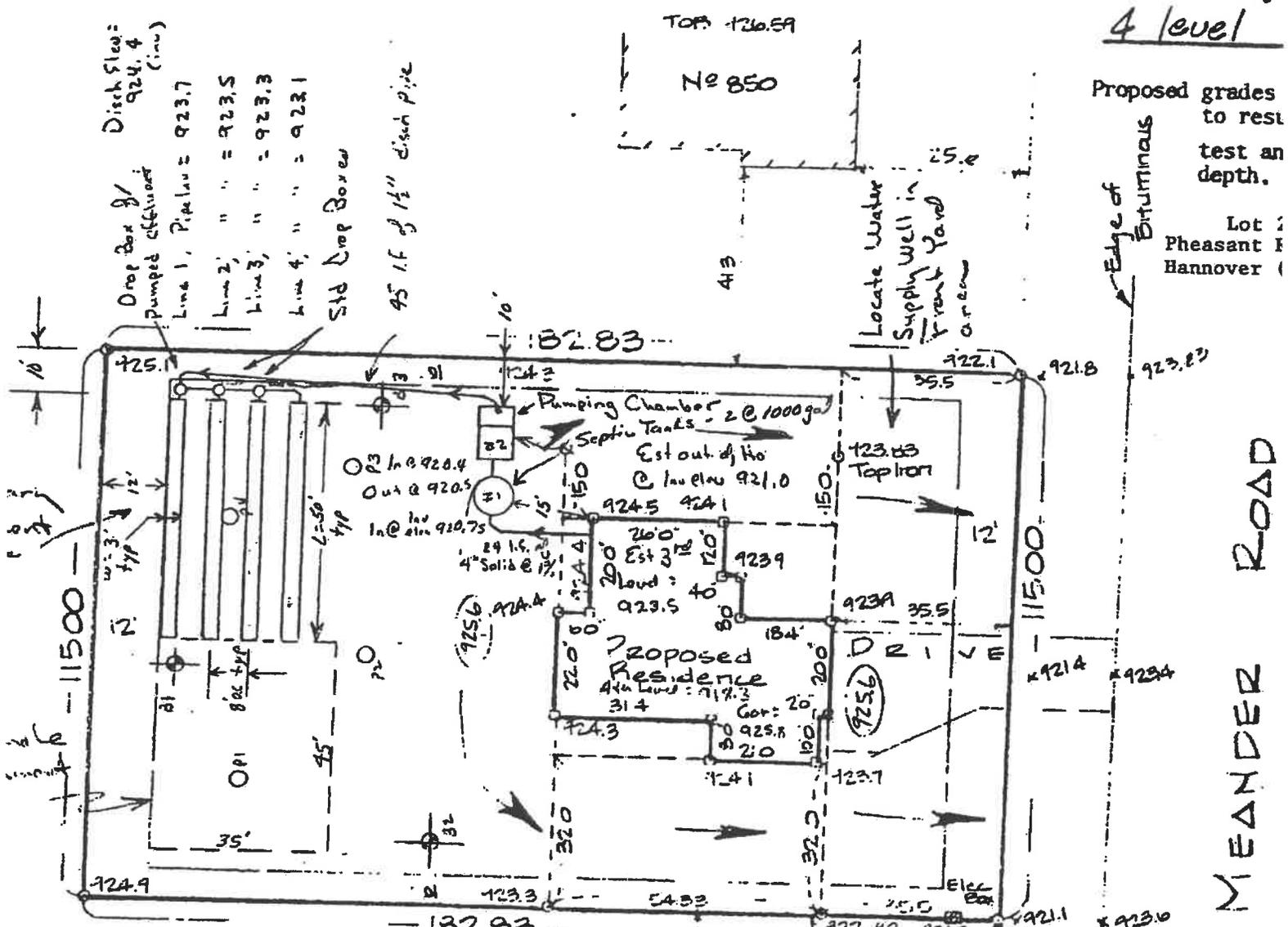
| | | | |
|--|--|--|---|
| CONTRACTOR'S LICENSE NO | | DATE | FEES PERMIT FEE _____ PLAN CHECK FEE _____ INVESTIGATION FEE _____ WATER CONNECTION _____ SEWER CONNECTION _____ FIREPLACE _____ /SC _____ PLUMBING FEE _____ /SC _____ SEPTIC FEE _____ MECHANICAL FEE _____ /SC _____ WATER METER _____ SAC/WAC FEE _____ EROSION CONTROL _____ LANDSCAPING _____ INFRASTRUCTURE _____ OTHERS _____ SURCHARGE FEE _____ TOTAL FEE _____ |
| SITE ADDRESS | | ZIP CODE | |
| LEGAL DESCRIPTION LOT _____ BLOCK _____ ADDITION _____ PARCEL NUMBER _____ | | | |
| OWNER | (Name) _____ (Address) _____ (Tel. No.) _____ | | |
| ARCHITECT | (Name) _____ (Address) _____ (Tel. No.) _____ | | |
| BUILDER | (Name) _____ (Address) _____ (Tel. No.) _____ | | |
| TYPE OF WORK Fireplace <input type="checkbox"/> Septic <input type="checkbox"/> Heating <input type="checkbox"/> Plumbing <input type="checkbox"/> Reroofing <input type="checkbox"/> New Construction <input type="checkbox"/> Alterations <input type="checkbox"/> Addition <input type="checkbox"/> Finish Basement <input type="checkbox"/> Residing <input type="checkbox"/> Deck <input type="checkbox"/> Porch <input type="checkbox"/> Garage <input type="checkbox"/> Chimney <input type="checkbox"/> Misc _____ | | | |
| SIZE OF STRUCTURE (Height) _____ (Width) _____ (Depth) _____ | NO. OF STORIES | ESTIMATED VALUE | ERT # _____ WATER METER # _____ |
| COMPLETION DATE | PROPERTY DIMENSION Width _____ Depth _____ | NO. OF FAMILIES (if applicable) | CODE ANALYSIS TYPE OF CONST. _____ USE OF BLDG. _____ OCCUPANCY GROUP _____ OCCUPANCY LOAD _____ |
| PROPOSED ELEVATION IN RELATION TO CURB OR WATERWAY. _____ ELEV. | PROPERTY AREA OR ACRES Sq. Ft. _____ | CULVERT SIZE Yes _____ No _____ | OCCUPANCY LOAD _____ |
| FRONT YARD set back from road property Ft. _____ | REAR YARD set back Ft. _____ | SIDE YARDS set back Right Sd. _____ Left Sd. _____ | ZONING DISTRICT _____ |
| MISCELLANEOUS _____ _____ _____ _____ _____ _____ _____ _____ _____ | | | VARIANCE GRANTED, DATE _____ |
| SPECIAL CONDITIONS It is my responsibility to locate and establish the elevations if needed of all site improvements. Required adjustments at my expense. | | | OFF STREET PARKING SPACES REQ. _____ SPACES ON PLAN _____ |
| ACKNOWLEDGMENT AND SIGNATURE: The undersigned hereby agrees that all work and materials used shall comply with City approved plans and specification, MN Building Code, MN Fire Code and all City Ordinances. I agree that all fees and expenses incurred by the City in processing this application, including professional service costs, are the responsibility of the permit applicant and property owner and must be paid immediately upon receipt of permit, or the City may approve a special assessment to be 100% paid in the year assessed. The property owner hereby waives any and all appeals provided by MN Statutes 429.081 as amended. All fees and expenses are due whether the permit application is approved or denied. | | | MATERIAL FILED W/APPLICATION SOILS REPORT <input type="checkbox"/> Borings _____ <input type="checkbox"/> Percolation _____ <input type="checkbox"/> Compaction Tests _____ PLANS AND SPECS <input type="checkbox"/> Sets _____ SURVEY <input type="checkbox"/> Copies _____ ENERGY CALCULATIONS <input type="checkbox"/> PILING LOGS <input type="checkbox"/> |
| SIGNATURE OF APPLICANT _____ | | | FIRE SPRINKLERS REQUIRED <input type="checkbox"/> YES <input type="checkbox"/> NO |
| APPROVED BY BUILDING INSPECTOR _____ | | | SPECIAL APPROVALS ZONINGS _____ FIRE DEPT. _____ HEALTH DEPT. _____ PUBLIC WORKS _____ COUNTY _____ OTHER _____ |
| | | | CERTIFICATE OF OCCUPANCY ISSUED DATE _____ BY _____ |

TYPE OF BUILDING:

4 level

Proposed grades to rest test an depth.

Lot: Pheasant Hannover



NOTATION NOTES:

- Refer to attached sheets for typical construction details
- Refer to applicable provisions of MR Ch 7080, local ordinances, and plumbing codes
- Subject to minor field alterations (eg, to clear obstacles, adjust to terrain aberrations, etc)
- Plan may be modified by anyone properly licensed to do so
- KEEP ALL TRAFFIC OFF BOTH SITES!! Do not disturb existing sites except to install the system**

Designed:
Patrick J Hines
 Patrick J Hines
 DEVELOPMENT ENGINEERING
 9051 FLYING CLOUD DRIVE
 EDEN PRAIRIE, MN 55347

Amy Biren

From: Please Do Not Click Reply <support@govoffice.com>
Sent: Wednesday, June 12, 2019 10:42 AM
To: City Hall
Subject: Contact Us (form) has been filled out on your site.

Follow Up Flag: Follow up
Flag Status: Completed

Your Site has received new information through an online form.

Online Form: Contact Us

Site URL: www.hanovermn.org

Name: Taylor
Address: 846 Meander Rd
City: Hanover
State: MN
Zip Code: 55341
E-mail Address: Taylorpikkarainen@gmail.com Phone Number: (612) 222-6606
Subject: Fence permit
Type your question, comment, or suggestion: Hi,

We were told we would hear back about our fence permit almost two weeks ago. We haven't heard back and are really trying to finish our project. Contact would be appreciated. Thank you!

This person selected the following option(s).

-Yes, by phone.

Do Not Click Reply - This e-mail has been generated from an online form.

Amy Biren

From: Amy Biren
Sent: Wednesday, June 12, 2019 11:07 AM
To: Taylorpikkarainen@gmail.com
Subject: Fence Building Permit
Attachments: 846 Meander Letter.pdf

Good Morning, Taylor,

Thank you for contacting the City of Hanover regarding your permit for a fence. You will be receiving a letter in the mail that outlines the planner's decision on the permit as well as instructions for the current fence. I have attached a copy of the letter and memo for your convenience. The letter is from Brian Hagen, the City Administrator.

Thank you,

Amy L. Biren

Administrative Assistant

City Hall has new hours: Monday through Thursday 7:30 am to 4:30 pm and Friday 7:30 am to 1:30 pm

City of Hanover
T: 763-497-3777
F: 763-497-1873





COPY

June 11, 2019

David Pikkarainen
846 Meander Road
Hanover, MN 55341

Dear Mr. Pikkarainen,

A complaint was received by the City of Hanover regarding a fence that was built on your property. The building inspector from Metro West observed the fence that was built without a permit and issued a stop work order. Staff also visited the area to view the fence.

Stephen Pikkarainen came in and submitted a permit on May 30, 2019. The City Planner, Cindy Nash, reviewed the permit and asked for additional photos of the fence. These photos were taken and sent to Ms. Nash. The enclosed memo was then written denying the permit.

Section 10.66 of the Zoning Ordinance outlines fence regulations in Hanover. The intent of the regulations is to ensure orderly and attractive development, to enhance "curb appeal" from city streets, to protect the health and welfare of the citizens, and to allow a free flow of air. In addition, any fence which through lack of repair, type of construction, or which otherwise imperils health, life, property, or the aesthetic quality of a neighborhood shall be deemed a public nuisance.

The fence needs to be removed immediately. Staff will be out to inspect the property on Friday, June 21, 2019, to ensure that it has been removed. If the fence has not been removed by that date, the City Council will hold an abatement hearing at the first meeting in July.

If you wish to construct a fence, the City is willing to review a permit that meets the fence ordinance. A copy of the ordinance was provided to Stephen when he filled out the permit, but he declined to take it with him.

Again, the fence needs to be removed by Friday, June 21, 2019. Thank you in cooperating to resolve this issue.

Sincerely,

Brian Hagen
City Administrator

Enclosure

Collaborative Planning, LLC

Memorandum

Date: May 31, 2019
To: Brian Hagen
From: Cindy Nash, City Planner
RE: Fence Permit – 846 Meander

I've reviewed the permit submitted for a proposed privacy fence at 846 Meander. The privacy fence has already been constructed.

The permit is denied for the following reasons:

1. Height of the fence cannot exceed six (6) feet.
2. Fence must allow for passage of water underneath it.
3. The finished side of the fence must be on the outside of the property (facing neighbors).
4. Based on available city records, the fence is located in an area that contains portions of the septic system. If the septic is not in this location, then documentation from a licensed septic installer showing the actual location of the septic system must be submitted.

**846 Meander Privacy Screen/Fence
May 30, 2019**





COPY

June 24, 2019

David Pikkarainen
846 Meander Road
Hanover, MN 55341

Dear Mr. Pikkarainen,

The City has inspected your property at the above address on Friday, June 21, 2019, as indicated in the letter sent to you on June 11th. The fence was not removed as instructed and is still out of compliance. You were requested to remove it by June 21st, and as seen in the attached photos, it is still in place.

The City Council will have a hearing regarding this matter at the Tuesday, July 2, 2019, Council Meeting which starts at 7 pm. During this hearing, Council will decide the action necessary to bring the property into compliance.

You are invited to attend the hearing, but your attendance is not required. If you have further questions, please call City Hall at 763-497-3777.

Sincerely,

Brian Hagen
City Administrator

Enclosure

June 21, 2019
846 Meander Road



**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.

.....

RESOLUTION NO 07-02-19-55

**A RESOLUTION APPROVING AMENDMENT TO RESOLUTION NO 06-04-19-49
EDA LOW INTEREST LOAN REQUEST**

WHEREAS, the City of Hanover previously approved a Hanover EDA Low Interest Loan to BBBBQ LLC./Big Bore Barbeque Co. in the amount of \$92,500; and

WHEREAS, a condition of approval was not met of which to remain financially secured via being placed in second position on the mortgage and UCC filing against other assets; and

WHEREAS, the Hanover EDA recommends adjusting the loan amount down to \$57,100 subject to all other conditions established in Res No 06-04-19-49 being met; and

WHEREAS, the Hanover EDA recognizes Council’s authority to adjust the loan amount at their discretion.

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves an amendment to Res No 06-04-19-49 for a Hanover EDA Low Interest Loan to BBBQ LLC./Big Bore Barbeque Co. in the amount of \$57,100 subject to the terms previously approved.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July 2019.

APPROVED BY:

ATTEST:

Chris Kauffman, Mayor

Brian Hagen, City Administrator

To: Mayor Kauffman & Members of the Hanover City Council

From: Brian Hagen, City Administrator

Re: BBBBQ LLC/Big Bore Barbeque Co. Low Interest Loan Request

Date: June 28, 2019

The Hanover EDA/City Council approved a low interest loan in an amount of \$92,500 for the purpose of Chad Brink purchasing the property known as Chops Bar and Grill. Mr. Brink intends to remodel the structure and open a BBQ style restaurant in fall of 2019.

As part of the conditions of the loan approval, Mr. Brink was required to show a property appraisal and asset list which when placed in a second position the Hanover EDA would be financially secured should Mr. Brink's operations not succeed and assets were sold.

When reviewing the property appraisal and asset list, it was determined that the value to cover the bank's portion for the SBA Loan and the Hanover EDA's portion of the low interest loan fell short by \$35,400. Due to this, the Hanover EDA reviewed the request and ultimately passed a motion to Council recommending a reduction in the loan amount to \$57,100.

The following items were considered during the EDA's review of the financial security amount:

- This project will improve an existing property in town, in which it would increase the tax base and generate higher tax revenue. Current taxes for the property provide approximately \$2,500 paid to the City.
- This project would create jobs.
- This project would provide an addition eating establishment with food first service.
- This project is eligible for funds from the EDA, both in the form of the low interest loan and the matching grant program
- The applicant showed a need for the funding.
- The loan amount would require personal guarantee from the business owners.
- The EDA holds a desire to be as financially secured as possible when borrowing large amounts of money to a single applicant.
- The EDA recognizes that in a liquidation sale, assets are rarely sold for new value price.

Since the June 20, 2019 EDA meeting, I have been in discussion with Byline Bank who is providing the SBA Loan to Mr. Brink. Byline indicated there may be an opportunity for the Hanover EDA to be placed in a second position on Mr. Brink's home mortgage which would provide additional financial security beyond what the business would offer. At the time of the agenda packet preparation, Byline had not given an official response to this option. I do anticipate an answer prior to the Council meeting. Should Byline

remove themselves as second position, I will bring an amount of available value for the EDA to recognize as addition value from Mr. Brink's home mortgage.

Lastly, when considering the personal guarantee from the business owners, the EDA focused mainly on Mr. Brink and his wife as majority owners, and not a third owner who holds a minimal share of the company. This third partner would be required to personally guarantee the full low interest loan amount. Mr. Brink has indicated that the third partner is not obligated to guarantee any of the SBA Loan portion of the project. Should additional financial security be provided or Council want to place higher emphasis on all business partners requirement of a personal guarantee, the loan amount identified in the resolution could be adjusted.

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.



RESOLUTION NO 07-02-19-56

A RESOLUTION APPROVING QUOTES FOR CEMETERY COLUMBARIUM

WHEREAS, the City of Hanover has received quotes to construct a landscaped area to house columbarium structures; and

WHEREAS, the quote for a poured concrete patio area and three columbarium foundations is \$21,005.00 from C. Olson Concrete; and

WHEREAS, the quote for a single “Nelson” columbarium is \$14,240 including delivery and installation from Little Falls Granite Works; and

WHEREAS, seating is estimated at \$2,000 to be purchased by the City; and

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves the quotes for the construction of a columbarium area in the CSAH 19 City Cemetery in an amount of \$37,245.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July 2019.

APPROVED BY:

ATTEST:

Chris Kauffman, Mayor

Brian Hagen, City Administrator

EAST ↑

ROW 12

WASH

ROW 13

66'

21'

TREE

TI

2'

14'

● FLAGPOLE

- Stamped Concrete Patio
1386 sq. ft less ~ 339 sq. ft for curve
- ▒ Curved Concrete Benches 7' x 2'
- Columbarium with concrete wash
- Planter (already own)



C. Olson Concrete, Inc.

10825 Jonquil Lane
Hanover, MN 55341

Estimate

| Date | Estimate # |
|-----------|------------|
| 6/18/2019 | 2019-149 |

| Name / Address |
|---|
| City of Hanover 11250 5th Street NE Hanover, Mn 55341 |

| Qty | Description | Cost | Total |
|-----|---|-----------|-----------|
| | PROJECT: CITY PARK | | |
| 1 | 30 yards of Class 5 fill, hauled in and compacted, Excavate and haul away spoils | 2,500.00 | 2,500.00 |
| 1 | 3 - 18" Thick x 9'-2" Long x 4'-4" Wide concrete pads - with #5 rebar 12"o.c. each way , two mats | 2,800.00 | 2,800.00 |
| 1 | 1,047 sq.ft. of color concrete - 5" thick with #4 rebar - 24" o.c. each way with Roman Slate Stamped concrete | 15,705.00 | 15,705.00 |
| | NOTE: Curved Concrete Benches By Other. | | |

| | |
|--------------|--------------------|
| Total | \$21,005.00 |
|--------------|--------------------|

If you have any questions please contact:
Clarence Olson, 612-597-7655 or Clarence@colsonconcrete.com
Tony Olson, 763-656-3337 or Tony@colsonconcrete.com

From: Don Calhoun <don@alegacyinstone.com>
Sent: Tuesday, May 28, 2019 1:50 PM
To: Amy Biren <amyb@ci.hanover.mn.us>
Subject: Columbarium quote - Hanover City Cemetery

Amy:

Thank you to your city for an interest on purchasing one or more columbarium units. Based on your population and burial rate we would recommend that the foundation work is done to accommodate 3 units, but only purchase one at this time. If you sell the niches at 2.5 or 3 times that actual cost, you will have the unit paid for when it is 33% to 45% full. The questions we recommend that your committee asks are the following:

- What is the average number of burials per year in the cemetery?
- If you know that figure, you can take the current cremation rate of 50% and that will give you the maximum number of possible cremation burials in the cemetery.
- What do you estimate the percentage of people that will use the columbarium for permanent placement versus using a traditional grave burial?
- What is the estimated number of years to sell out a columbarium unit base on the above information?
- What is the risk versus the reward based on your investment?

The best value is the 48/96 niche "**Nelson**" columbarium unit in Harvest Brown and/or Moring Rose. The Harvest Brown is very similar to the Carnelian or Rustic Mahogany on the granite color sheet you sent. The price of \$14,2400 wholesale is still applicable until Jan 1, 2020. That price presumes that you folks would do the foundation and we would include delivery and installation. This unit is shown on page 3, 5, & 6 of the "Community Columbarium Popular Options" listed attached. The Nelson Niche Unit is an all granite unit; meaning both the interior walls and exterior walls are granite. Please note that the interior size of each niche unit is 12-1/2" wide by 12-1/2" tall by 14" deep. These units are a special build created specifically for us from our Canadian partner and quarrier. They will allow for one or two "typical size" urns. Please keep in mind that some style of urns may not fit. That is why this unit is called a 48/96 niche unit. It is by far our most cost effective and popular choice.

The next most popular option would be the **Coldspring Columbarium 5252x 96** Niche unit. These units have a Rockville Granite Exterior and your option of Mesabi Black, St. Cloud Gray, Lake Superior Green, Carnelian or Rustic Mahogany niche fronts. This unit is shown on page 1, 4, and 8. The interior of this unit is concrete and polyurethane. The single niche measurements are 11-1/2"x11-1/2"x11-1/2" and will typically only hold one urn. These units are built by our US partner and quarrier. The Coldspring units have granite face plates that are about 24"x24" with false cut lines, but there would be 4 niches behind that face plate. The 5252x 96 niche unit comes in two configurations:

- 9'10" long x 3'1" wide x 7'8" high – The unit is 96 Single niches. The price of \$24,160 wholesale is still applicable until Jan. 1, 2020. That price presumes that you folks would do the foundation and we would include delivery and installation. This unit has 8 niches across and 6 niches high on both sides.
- 9'10" long x 4'2" wide x 5'6" high – The unit is 64 Double and 32 Single niches. The price of \$25,406 wholesale is still applicable until Jan. 1, 2020. That price presumes that you folks would do the foundation and we would include delivery and installation. This unit has 8 niches across and 4 niches high on both sides.

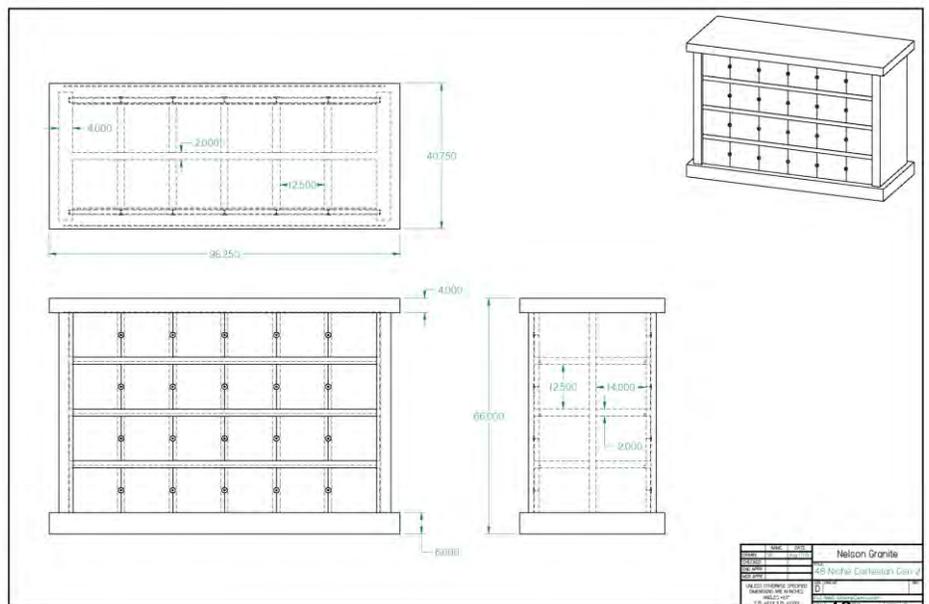
The Autumn Brown or Rainbow niche fronts would run an additional \$500 on the above units. The Wausau niche fronts would run an additional \$750.

You have two different options for personalizing the niche fronts on the columbarium units described above: bronze or engraved. If engraved the cost is \$250 per front done at the cemetery by our mobile unit. If you want bronze niche fronts; they vary in size, style and cost. Attached is a listing of options and a separate price list.

96/48 Niche - Nelson All Granite Columbarium Cartesian Gen 2 - Morning Rose
 8'2-1/4" Length x 3'4-3/7" Width x 5'6" Height



The advantage of this option is that the niche is larger and can accommodate two common sized urns, thus allowing individual or companion options. With a solid granite interior and an excellent economic value this is an extremely popular choice.

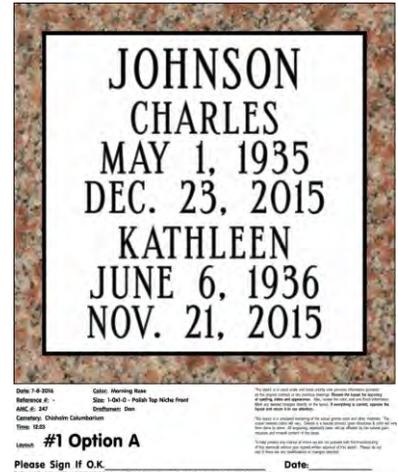


| Description | Individual Model # | Companion Model # | Size | Cost |
|------------------------------|-------------------------------|------------------------------|-------------|-------------|
| Rose Niche Plaque | NS-1 | NS-3 | 11"x4" | \$264 |
| Rounded Corners Niche Plaque | NS-13I | NS-13C | 11"x4" | \$264 |
| Bevel Border Niche Plaque | NS-16I | NS-16C | 10"x6" | \$305 |
| Classic Boarder Niche Plaque | NS-17 | NS-18 | 11"x4" | \$264 |
| Niche Plaque | NS-21 | NS-20 | 11-1/2"x4" | \$266 |
| 1/8" Polished Border / Bevel | NS-26I | NS-27C | 8"x3-1/2" | \$228 |
| Niche Plaque | NS-31 | NS-32 | 10"x4" | \$264 |
| Polished Bevel Edge Niche | NS-99 | NS-36 | 8"x4" | \$264 |
| Textured Bevel w Arch Top | NS-43 | NS-44 | 11"x4-1/4" | \$267 |
| Wreath Niche Plaque | NS-48 | NS-49 | 8"x7-1/4" | \$264 |
| Serenity Simplicity Niche | NS-55 | NS-59 | 11"x3-5/8" | \$311 |
| Serenity Rose Niche | NS-56 | NS-60 | 11"x3-5/8" | \$311 |
| Serenity Dogwood Niche | NS-57 | NS-61 | 11"x3-5/8" | \$311 |
| Serenity Pine Niche Plaque | NS-58 | NS-62 | 11"x3-5/8" | \$311 |
| Niche Plaque w/ Cross at Top | NS-AA-66 | NS-AA-67 | 8"x5" | \$264 |
| Niche Plaque | NS-AA-106 | NS-AA-107 | 8"x4" | \$238 |

Below is a sample order form and options for engraving a niche front. We recommend that you adopt standard rules with regard to engraving options to keep the appearance clean. We also recommend standard on who is allowed to engrave and adequate measures for proofing.

Columbarium Niche Engraving Order Form

V-Sunk in a Panel
 Select Engraving Style
 Option A, B or C



 FAMILY NAME

 GIVEN NAME

 DATE OR YEAR OF BIRTH

 DATE OR YEAR OF DEATH

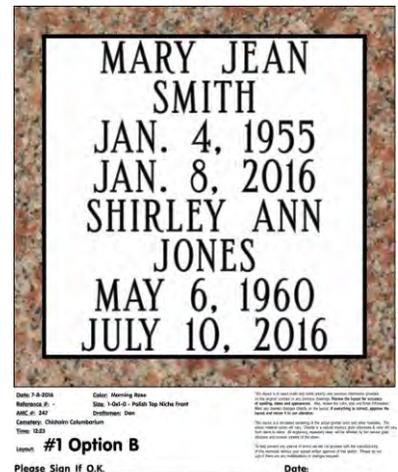
 FAMILY NAME

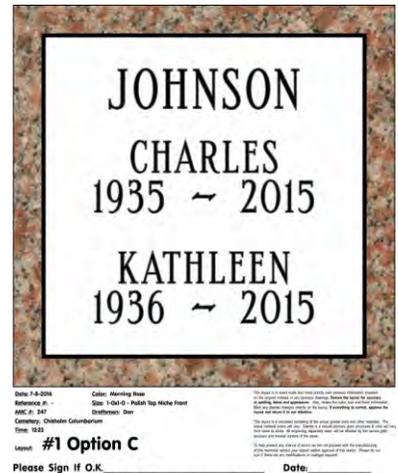
 GIVEN NAME

 DATE OR YEAR OF BIRTH

 DATE OR YEAR OF DEATH

 DESCRIPTION OF ENGRAVING LOCATION
 SIDE, ROW & COLUMN





Bronze Niche Fronts for Columbarium

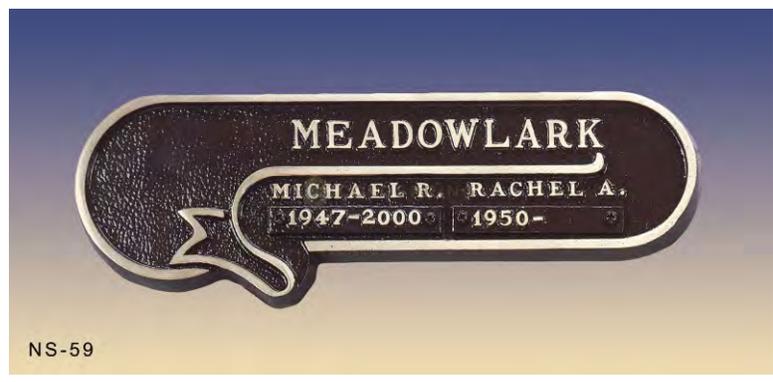
Individual

Companion



NS-55

Ns59- NS60



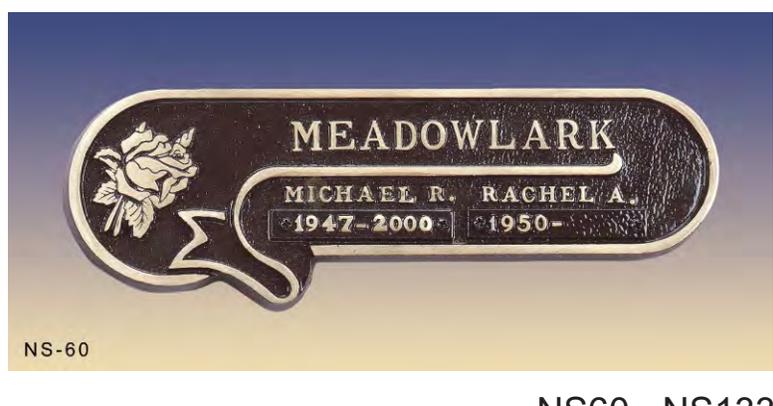
NS-59

Ns59- NS60



NS-56

NS56- NS129



NS-60

NS60 - NS133



NS-57

NS57- NS130



NS-61

NS61 - NS134



NS-58

NS58 - NS131

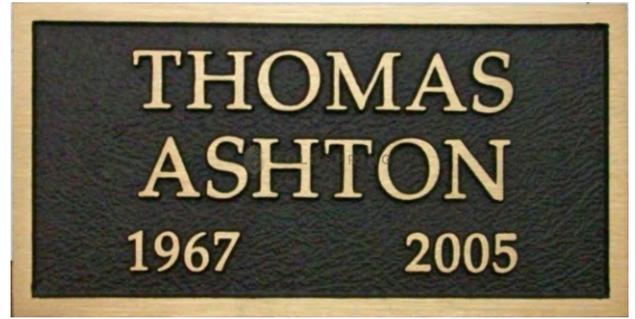


NS-62

NS62 - NS135



NS16



NS-AA-106



NS-AA-107



NS48



NS49



NS43



NS44



NS3



NS27



NS36



NS31



NS32

Collaborative Planning, LLC

MEMORANDUM

TO: Honorable Mayor and Council

FROM: Cindy Nash, AICP, City Planner

DATE: June 27, 2019

SUBJECT: **River Town Villas of Hanover** for Final Plat

APPLICANT: Wits Realty

LOCATION: Generally located west of River Road, and north of Church Street

COMPREHENSIVE PLAN: Multi-Family Residential

Description of Request

Wits Realty has submitted an application for final plat. The property consists of approximately 4.08 acres and is located west of River Road and north of Church Street.

The Developer is proposing to develop the site into 18 detached residential units. All of the housing units would be villas and would have associated-maintained yards and driveways. The proposed builder is Bellin Construction.

Patio homes will occupy all lots on the site. A characteristic of this type of development is that not only are the lots smaller, but the homes are constructed closer together with a reduced side yard setback. This is a type of unit that allows for higher density construction, but in an ownership that does not share walls as a townhome neighborhood would. A homeowner's association provides exterior maintenance of snow removal and lawn care. The buildings are maintained by the property owner.

The following items are included in the packet for review:

1. City Engineer Comment letter
2. City Planner Comment letter
3. Final Plat and Plan Set
4. Resolution

Item 1: Recommendation on Final Plat

The Final Plat is the plat that is recorded at the Wright County Recorders office. A development agreement is also prepared at the time the final plat is approved, which specifies the terms under which the development of the property proceeds. It is common that there are various conditions to final plat approval, which are addressed either prior to recording the plat or prior to allowing construction to commence.

Land Use

The proposed land use is 18 single-family lots, and outlots for stormwater ponding and private neighborhood amenities (driveway, parking and landscaping).

Access, Roads, Guest Parking Pedestrian Circulation

Two private streets are proposed to be constructed. Instead of cul-de-sacs, the end of the private driveway is proposed to function as a hammerhead style turn-around.

The proposed 25-foot front yard setbacks for garages will typically provide room for 2 cars to park on the driveway. There are also 13 parking spaces proposed.

No sidewalks or trails are proposed. When interior to the development, this is acceptable with the low traffic volume. A sidewalk should be added to that portion of Church Street fronting the Subject Property to provide pedestrian access to the existing trail/sidewalk network on River Road.

Utilities

Utilities are proposed to be installed within the rights of way.

Ponding is located in outlots that will be deeded to the City.

Park Dedication

Park dedication is required for this plat, and will be calculated at the time of execution of the developer's agreement. No parks are proposed for this area in the Comprehensive Plan, and this development is within walking distance of Settler's Park. Estimated park dedication is 18 units at \$3,272 per unit for a total of \$58,896.

Landscaping and Tree Preservation

Sheet L1-1 contains the proposed landscaping plan. The landscaping plans generally identify more than 2 trees per lot to be planted, but given lot size the trees are proposed to be installed in the HOA owned area rather than on the individual lots. This variation can be approved as part of the PUD.

Information on tree removal proposed is included in the plan set on Sheet L2-1. All existing trees are proposed to be removed in order to grade the site.

Engineering and Planning

The development should comply with the requirements of the City Engineer's and City Planner's memos.

Planning Commission Recommendation

The Planning Commission recommended approval at their meeting on May 22, 2019.

Recommendation

It is recommended the final plat be approved subject to the following conditions:

1. Villas are the permitted use on Lots 1 – 18, Block 1.
2. Ownership and maintenance of the outlots and Lot 19 shall be addressed in a manner satisfactory to the City.
3. All comments contained within the memo from WSB dated June 21, 2019 and the memo from Collaborative Planning dated June 27, 2019 are incorporated herein (collectively referred to as the "Staff Memos").
4. The Subject Property shall be constructed in substantial compliance with the Site Plans as revised to conform to the requirements of the Staff Memos.
5. No construction shall be permitted on the Subject Property until updated Site Plans addressing the comments of the Staff Memos and the conditions of this Resolution are provided for review and approval by the City Engineer and City Planner. Following approval by the City Engineer and City Planner, these plans shall collectively be known as the "Approved Construction Plans".

6. If the updated Site Plans addressing the comments of the resolutions, Staff Memos, or outside agencies necessitate revisions to any of the lot lines or easements on the Subject Property, then the Final Plat shall be revised by the Developer and submitted for amended approval by the City Council. If an off-site easement is required to address a comment, then a separate easement document shall be provided to the City for review and approval prior to release of the Final Plat for recording.
7. To the extent that there are differences or conflicts between the Approved Construction Plans and this resolution, the terms of this resolution shall be controlling.
8. The timing of the construction of the infrastructure improvements on the Subject Property will be subject to the conditions of a Developer's Agreement between the City and the Developer, and City staff is authorized to negotiate such Developers Agreement.
9. Prior to the release of the Final Plat for recording, a Developer's Agreement must be entered into which Agreement(s) will include, but not be limited to, the following:
 - a. PUD details and information.
 - b. Street and utility construction details, processes, plans and financial guaranties.
 - c. Park dedication requirements.
 - d. All required approvals from other governmental agencies.
 - e. Final grading and drainage plans.
 - f. Maintenance requirements during construction.
 - g. Landscaping plans.
10. The approval of the Final Plat shall terminate if a Developer's Agreement has not been entered into between the City and Developer by September 30, 2019.
11. The approval of the Final Plat shall terminate unless all conditions of this resolution are completed and the Final Plat is recorded no later than September 30, 2019.
12. A title commitment shall be provided for the review of the City Attorney before the plat is released for recording.
13. Financial security in a form approved by the City Attorney and in an amount approved by the City Engineer must be provided by the Developer prior to release of the final plat for recording. The Developer's Agreement shall specify the amount of the financial security.

14. The Developer must reimburse the City for all costs incurred by the City and its consultants in relation to review of the proposed development plans as well as the preparation of the Developer's Agreement.
15. Any new utility lines installed to serve the Subject Property are required to be placed underground.
16. The Developer shall be responsible for securing necessary easements and for constructing all streets, utility, trail, stormwater, and other improvements shown on the Approved Construction Plans at their own expense. However, to the extent that such utilities are oversized at the request of the City, the City shall reimburse the Developer for the cost of the extra diameter of the pipe. All reimbursements by the City under this paragraph are subject to the submittal by the Developer of the engineer's estimate and other supporting information as requested by the City. The engineer's estimate will be reviewed by the City to verify that the costs requested for reimbursement are reasonable at the sole determination of the City, and the amount determined by the City to be eligible for reimbursement shall be included within the Developers Agreement.
17. The Developer shall be responsible for obtaining and complying with all necessary permits from the Wright County Soil and Water Conservation District, Minnesota Department of Health, DNR, MPCA, and any other governmental agencies prior to commencement of development activities on the site.
18. The Developer shall incorporate the standards and procedures of the Best Management Practices Handbook for site restoration and erosion control measures during the construction process.
19. The Developer must submit details on corrected building pads including compaction tests, limits of the pads and elevations of the excavations. The general soils report for the development must also be submitted to the City Engineer for review and approval prior to the issuance of building permits.
20. The Developer shall submit foundation and final grading as-builts for each lot at the time required by city staff.
21. Homeowners association documents shall be provided for the review of the City Attorney before the final plat is released for recording.
22. Retaining walls are not permitted to be in any outlots that will be owned by the City. In the event retaining walls are shown within any drainage and utility easements, they must be owned and maintained by either the property owner or the HOA.

23. Park dedication, sanitary sewer trunk, water trunk, storm sewer trunk and storm warning siren fees shall be paid prior to release of the final plat for recording as per the City fee schedule in effect at the time of the execution of the Developer's Agreement.
24. The Developer shall survey all storm water holding ponds (if any are constructed) as required by the City. The Developer shall be responsible for storm sewer cleaning and holding pond dredging, as required, by the City prior to completion of the development of the Subject Property.
25. Additional conditions as determined necessary by the City Planner, City Engineer, and City Attorney as review of the project progresses and is completed.

RIVER TOWN VILLAS OF HANOVER

KNOW ALL PERSONS BY THESE PRESENTS: That JW Family Holdings, L.L.C., a Minnesota limited liability company, owner of the following described property situated in the County of Hennepin, State of Minnesota, to wit:

The South 656.60 feet of the East 284.93 feet of the Northwest Quarter of the Southwest Quarter of Section 36, Township 120, Range 24, except the South 33 feet, Wright County, Minnesota

Has caused the same to be surveyed and platted as RIVER TOWN VILLAS OF HANOVER, and does hereby dedicate to the public for public use the public way(s) and the drainage and utility easements as created by this plat.

In witness whereof said JW Family Holdings, L.L.C., a Minnesota limited liability company, has caused these presents to be signed by its proper officer this _____ day of _____, 20_____.

JW FAMILY HOLDINGS, L.L.C.

By: _____
Signature Printed Name, Title

STATE OF _____
COUNTY OF _____

This instrument was acknowledged before me on this _____ day of _____, 20_____, by _____, as _____ of JW Family Holdings, L.L.C., a Minnesota limited liability company, on behalf of the company.

Signature Printed Name, Notary
Notary Public, _____ County, _____
My Commission Expires _____

SURVEYORS CERTIFICATION

I, Henry D. Nelson, do hereby certify that this plat was prepared by me or under my direct supervision; that I am a duly Licensed Land Surveyor in the State of Minnesota; that this plat is a correct representation of the boundary survey; that all mathematical data and labels are correctly designated on this plat; that all monuments depicted on this plat have been, or will be correctly set within one year; that all water boundaries and wet lands, as defined in Minnesota Statutes, Section 505.01, Subd. 3, as of the date of this certificate are shown and labeled on this Plat; and all public ways are shown and labeled on this plat.

Dated this _____ day of _____, 20_____.

Henry D. Nelson, Licensed Land Surveyor,
Minnesota License No. 17255

STATE OF MINNESOTA
COUNTY OF HENNEPIN

The foregoing Surveyor's Certificate was acknowledged before me this _____ day of _____, 20_____, by Henry D. Nelson, Land Surveyor, Minnesota License No. 17255.

Signature Printed Name, Notary
Notary Public, Hennepin County, Minnesota
My Commission Expires January 31, 2020

CITY COUNCIL, CITY OF HANOVER, MINNESOTA

This plat of RIVER TOWN VILLAS OF HANOVER was approved and accepted by the City Council of the City of Hanover, Minnesota, at a regular meeting thereof held this _____ day of _____, 20_____, and said plat is in compliance with the provisions of Minnesota Statutes, Section 505.03, Subdivision 2.

City Council, Hanover, Minnesota

By: _____, Mayor By: _____, Clerk

WRIGHT COUNTY SURVEYOR

I hereby certify that in accordance with Minnesota Statutes, Section 505.021, Subd. 11, this plat has been reviewed and approved this _____ day of _____, 20_____.

By: _____
Wright County Surveyor

WRIGHT COUNTY AUDITOR/TREASURER

Pursuant to Minnesota Statutes, Section 505.021, Subd. 9, taxes payable in the year 20_____, on the land hereinbefore described have been paid. Also pursuant to Minnesota Statutes, Section 272.12, there are no delinquent taxes and transfer entered this _____ day of _____, 20_____.

By: _____, Wright County Auditor/Treasurer By: _____, Deputy

WRIGHT COUNTY RECORDER

I hereby certify that this instrument was filed in the office of the County Recorder for record on this _____ day of _____, 20_____, at _____ o'clock _____M., and was duly recorded in Cabinet No. _____, Sleeve _____, as Document No. _____.

By: _____, Wright County Recorder By: _____, Deputy

WRIGHT COUNTY REGISTRAR OF TITLES

Certificate No. _____
I hereby certify that this instrument was filed in the office of the Registrar of Titles for record on this _____ day of _____, 20_____, at _____ o'clock _____M., and was duly recorded in Cabinet No. _____, Sleeve _____, as Document No. _____.

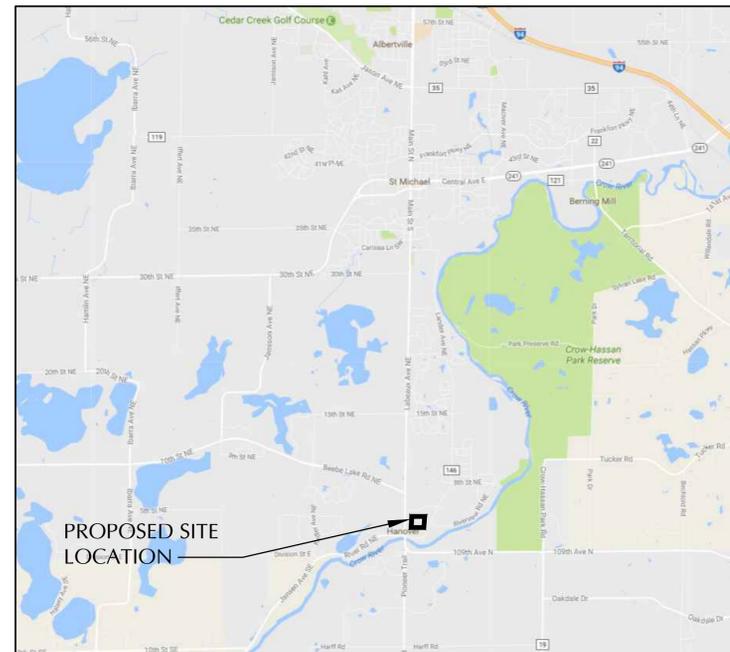
By: _____, Wright County Registrar of Titles By: _____, Deputy

RIVER TOWN VILLAS OF HANOVER

HANOVER, MINNESOTA

PLANS FOR:
SITE GRADING, SANITARY SEWER, WATER MAIN,
STORM SEWER AND STREET CONSTRUCTION

VICINITY MAP



WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

DEVELOPER

WITS REALTY
1010 W. LAKE STREET
MINNEAPOLIS, MN 55408

JOSH JACOBS
TEL: 612.859.0354

APPROVED

JUSTIN MESSNER, P.E.
HANOVER CITY ENGINEER

DATE:



CALL BEFORE YOU DIG!

Gopher State One Call

TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

BENCHMARKS

SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT INTERSECTION OF CHURCH ST NE & RIVER ROAD NE. ELEVATION+920.32 FEET (NGVD'29)

RIVER TOWN
VILLAS OF
HANOVER

11218 CHURCH STREET NE
HANOVER, MN 55341

WITS REALTY

1010 W. LAKE STREET
SUITE 200
MINNEAPOLIS, MN 55408



PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL

7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksinc.com

CADD QUALIFICATION

CADD files prepared by the Consultant for this project are instruments of the Consultant's professional services for use solely with respect to this project. These CADD files shall not be used on other projects, for additions to this project, or for completion of this project by others without written approval by the Consultant. With the Consultant's approval, others may be permitted to obtain copies of the CADD drawing files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

SUBMITTAL/REVISIONS

| | |
|----------|-----------------------|
| 02/22/19 | PRELIMINARY SUBMITTAL |
| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Justin Messner
Todd W. Messner - PE

License No. 20383
Date 05/14/19

QUALITY CONTROL

| | |
|--------------------|----------|
| Loucks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

SHEET INDEX

| | |
|-------------|---------------------------------------|
| C1-0 | COVER SHEET |
| C1-1 | EXISTING CONDITIONS & DEMOLITION PLAN |
| C2-1 | SITE PLAN |
| C3-1 | GRADING PLAN |
| C3-2 - C3-3 | SWPPP PLAN & NOTES |
| C4-1 | UTILITY PLAN |
| C4-2 - C4-3 | SAN SEWER & WM PLAN |
| C5-1 - C5-4 | ST & STM SEWER PLAN |
| C8-1 - C8-6 | CIVIL DETAILS |
| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

COVER SHET

C1-0

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| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Todd W. McLaughlin
Todd W. McLaughlin - PE

License No. 20383
Date 05/14/19

QUALITY CONTROL

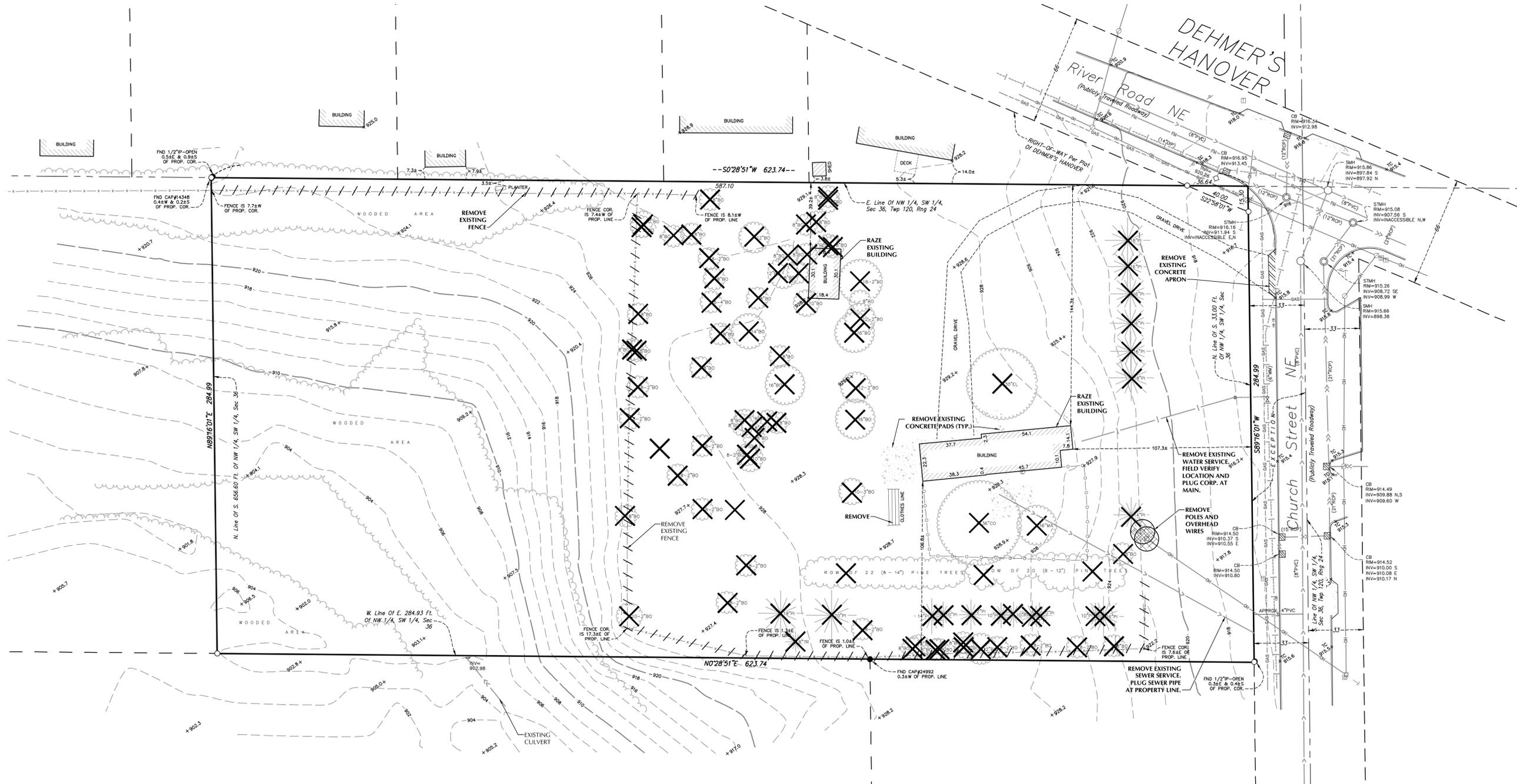
Loucks Project No. 03128A
Project Lead TWM
Drawn By KMM
Checked By TWM
Review Date 06/13/19

SHEET INDEX

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| C8-1 - C8-6 | CIVIL DETAILS |
| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

EXISTING
CONDITIONS
& DEMOLITION
PLAN

C1-1



LEGEND

| | | | |
|---|---|----------|-------------------------|
| ● | FOUND OPEN IRON MONUMENT UNLESS SHOWN OTHERWISE | —>—> | STORM SEWER |
| ○ | SET 1/2 INCH X 14 INCH IRON MONUMENT, MARKED "LS 48988" | — — | SANITARY SEWER |
| ○ | CATCH BASIN | — — | WATERMAIN |
| ○ | STORM MANHOLE | —S—S | SANITARY SEWER SERVICE |
| ○ | SANITARY MANHOLE | —W—W | WATER SERVICE |
| ○ | HYDRANT | —BL—BL | UNDERGROUND ELECTRIC |
| ⊗ | GATE VALVE | —FD—FD | UNDERGROUND FIBER OPTIC |
| ⊗ | WATER MANHOLE / WELL | —GAS—GAS | UNDERGROUND GAS |
| ⊗ | LIGHT POLE | —TEL—TEL | UNDERGROUND TELEPHONE |
| ⊗ | POWER POLE | —OH—OH | OVERHEAD UTILITY |
| ⊗ | ELECTRIC METER | —CL—CL | CHAIN LINK FENCE |
| ⊗ | GAS METER | —C—C | CONCRETE CURB |
| ⊗ | TELEPHONE PEDESTAL | —R—R | RETAINING WALL |
| ⊗ | SIGN | —C—C | CONCRETE |
| ⊗ | PARKING STALL COUNT | —N—N | NO PARKING |
| ⊗ | DISABLED PARKING STALL | —B—B | EXISTING BUILDING |
| ⊗ | SCHEDULE B NUMBERS | —C—C | CONTOUR |
| | | 972.5 | SPOT ELEVATION |
| | | ○ | TREE LINE |
| | | ○ | CONIFEROUS TREE |
| | | ○ | PI PINE |
| | | ○ | DECIDUOUS TREE |
| | | ○ | ASH |
| | | ○ | MAPLE |
| | | ○ | TREE (GEN) |

DEMOLITION LEGEND

| | |
|---|---|
| ▨ | REMOVE EXISTING BITUMINOUS SURFACE |
| ▨ | REMOVE EXISTING CONCRETE SURFACE |
| ▨ | REMOVE EXISTING BUILDING & ACCESSORIES |
| ▨ | REMOVE EXISTING CURB & GUTTER, RETAINING WALLS, FENCE, ETC. |
| ○ | REMOVE EXISTING UTILITIES |
| ○ | REMOVE EXISTING MANHOLES, POWER POLES, LIGHT POLES, BOLLARDS, SIGNS, ETC. |
| ○ | REMOVE EXISTING TREES |
| ○ | TREE PROTECTION FENCE |

SITE DEMOLITION SPECIFICATIONS

- CONTRACTOR SHALL REMOVE AND/OR RELOCATE EXISTING PRIVATE UTILITIES AS NECESSARY. CONTRACTOR TO COORDINATE ACTIVITIES WITH UTILITY COMPANIES.
- CONTRACTOR SHALL PROTECT SURFACE AND SUBSURFACE FEATURES NOT NOTED FOR REMOVAL.
- CLEAR AND GRUB AND REMOVE ALL TREES, VEGETATION AND SITE DEBRIS PRIOR TO GRADING. ALL REMOVED MATERIAL SHALL BE HAULED FROM THE SITE DAILY. EROSION CONTROL MEASURES SHALL BE IMMEDIATELY ESTABLISHED UPON REMOVAL. SEE THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- CONTRACTOR SHALL REMOVE ALL SITE SURFACE FEATURES WITHIN REMOVAL LIMITS UNLESS OTHERWISE NOTED.
- BITUMINOUS PAVEMENT REMOVALS ARE TO BE MADE TO A VERTICAL SAW CUT OR TO A NEAT MILLED EDGE.
- CONCRETE PAVEMENT, SIDEWALK, CURB & GUTTER AND OTHER POURED CONCRETE ITEMS ARE TO BE REMOVED TO AN EXISTING EXPANSION OR CONTRACTION JOINT. SAW CUT AS NECESSARY FOR A NEAT EDGE OF REMOVAL.
- ALL REMOVAL ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFIED OTHERWISE AND SHALL BE DISPOSED OF OFF-SITE IN A MANNER MEETING ALL APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL SIGNS, MAILBOXES, ETC.
- ANY DAMAGE TO ITEMS NOT NOTED TO BE REMOVED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITION WITH NO ADDITIONAL COMPENSATION.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES PRIOR TO REMOVAL, RELOCATION OR PROTECTING EXISTING UTILITY LINES, POLE, ETC.

NOTES

- CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF THE EXISTING WATER SERVICE PIPE AND SHALL REMOVE IT. THE SERVICE STUB SHALL BE CAPPED AT THE MAIN.
- ANY EXISTING WELLS ON-SITE SHALL BE REMOVED BY THE OWNER, PER COUNTY AND/OR MINNESOTA DEPARTMENT OF HEALTH REQUIREMENTS.
- ANY SEPTIC TANKS SHALL BE PUMPED BY THE OWNER. THE CONTRACTOR SHALL ABANDON ANY EXISTING DRAIN FIELDS - PER MPCA REQUIREMENTS.
- ALL TREES WITHIN THE SITE TO BE REMOVED.

PROJECT BENCHMARK

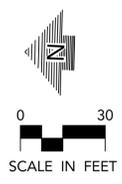
SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT THE SOUTHEAST CORNER OF PENNSYLVANIA AVE. AND OREGON AVE. AS SHOWN HEREON. ELEVATION = 909.89 (NGVD 29)



WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.



**RIVER TOWN
VILLAS OF
HANOVER**

11218 CHURCH STREET NE
HANOVER, MN 55341

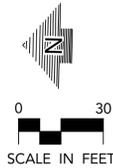
WITS REALTY

1010 W. LAKE STREET
SUITE 200
MINNEAPOLIS, MN 55408

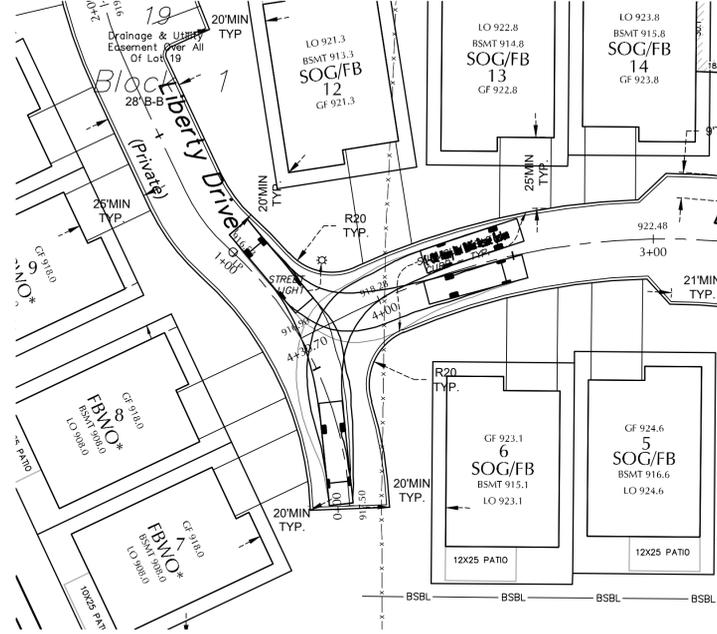
LOUCKS

PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL

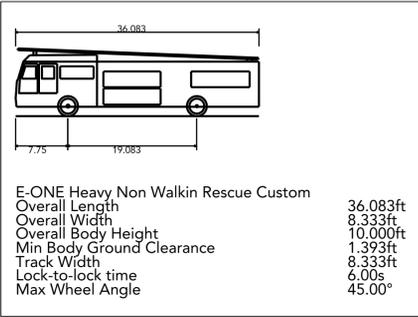
7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksin.com



FIRE TRUCK TURNING MOVEMENTS



MOVEMENTS BASED ON A 36' LONG TRUCK



SITE AREAS

| | |
|------------------------------|---|
| Lots 1 through 18 | = 68,301 +/- square feet or 1.56 +/- acres |
| Lot 19 | = 89,557 +/- square feet or 2.06 +/- acres |
| Outlot A | = 17,389 +/- square feet or 0.40 +/- acres |
| Right of Way Dedication Area | = 2,475 +/- square feet or 0.06 +/- acres |
| Total Property Area | = 177,722 +/- square feet or 4.08 +/- acres |

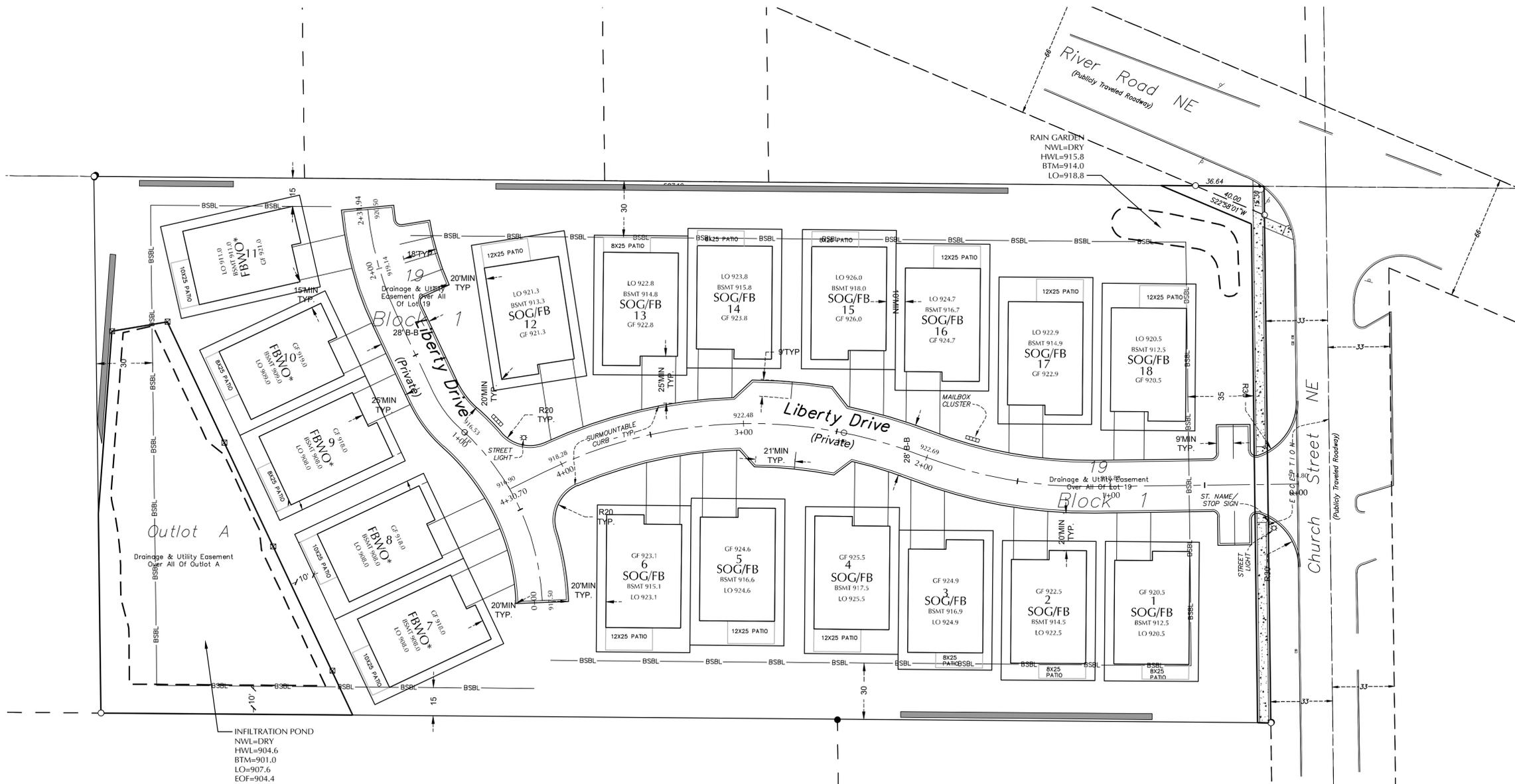
ZONING INFORMATION

Current Zoning: B1-A (Downtown River District)
Proposed Zoning: R-1A with PUD Overlay (Planned Unit Development)

Minimum Setbacks:
 Building Side = 15 feet
 Building Rear = 30 feet
 Building (Church Street NE) = 35 feet
 Building Front To Curb = 20 feet
 Garage Front To Curb = 25 feet
 Garage to Garage = 10 feet
 Garage to Building = 15 feet

SITE PLAN NOTES

ALL CONSTRUCTION SHALL CONFORM TO CITY OF HANOVER'S GENERAL SPECIFICATIONS AND STANDARD PLATES.



SITE PLAN LEGEND

- ☐ CLUSTER MAILBOX
- ☒ STORM WATER SIGN
- ☼ STREET LIGHT

CADD QUALIFICATION

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SUBMITTAL/REVISIONS

| | |
|----------|-----------------------|
| 02/22/19 | PRELIMINARY SUBMITTAL |
| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

License No. 20383
Date 05/14/19

QUALITY CONTROL

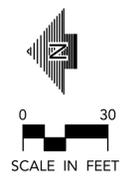
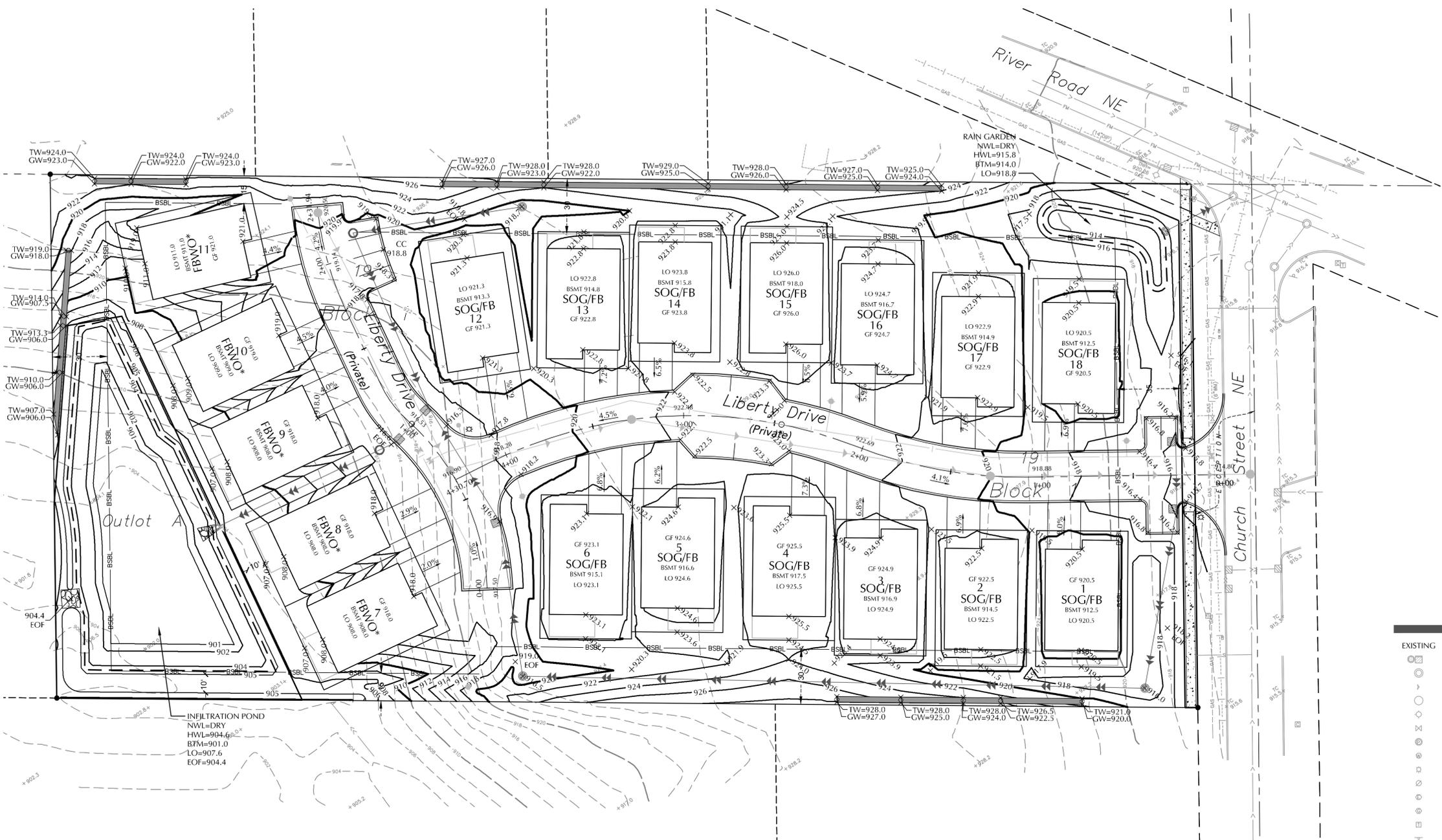
Loecks Project No. 03128A
Project Lead TWM
Drawn By KMM
Checked By TWM
Review Date 06/13/19

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| C8-1 - C8-6 | CIVIL DETAILS |
| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

SITE PLAN

C2-1



| LEGEND | |
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NOTE:
* DENOTES 10' BASEMENT

- INFILTRATION POND GRADING**
- GRADING SHALL BE ACCOMPLISHED USING LOW IMPACT EARTH MOVING EQUIPMENT TO PREVENT COMPACTION OF THE UNDERLYING SOILS. WIDE TRACK EQUIPMENT IS RECOMMENDED.
 - THE INFILTRATION BASIN SHALL REMAIN OFFLINE AND THE CONTRACTOR SHALL KEEP EROSION CONTROL BARRIERS IN-PLACE UNTIL THE SURROUNDING DRAINAGE AREA IS ESTABLISHED WITH TUF.

- GRADING, DRAINAGE & EROSION CONTROL NOTES**
- ALL CONSTRUCTION SHALL CONFORM TO CITY OF HANOVER'S GENERAL SPECIFICATIONS AND STANDARD DETAIL PLATES.
 - ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE MINIMUM OF 6 INCHES OF TOP SOIL AND SOD OR SEED. THESE AREAS SHALL BE WATERED BY THE CONTRACTOR UNTIL THE SOD OR SEED IS GROWING IN A HEALTHY MANNER.
 - STABILIZING VEGETATION MUST BE PLACED IN DISTURBED AREAS WITHIN 2 WEEKS OF ROUGH GRADING.
 - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASE OF THIS PROJECT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
 - THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPROPRIATE MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARDS.
 - IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
 - THE DUTY OF THE ENGINEER OR THE DEVELOPER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTORS PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTORS SAFETY MEASURES IN, OR NEAR THE CONSTRUCTION SITE.
 - BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL INSTALL A TEMPORARY ROCK ENTRANCE PAD AT ALL POINTS OF VEHICLE EXIT FROM THE PROJECT SITE. SAID ROCK ENTRANCE PAD SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE PROJECT. SEE DETAILS SHOWN ON SHEET C8-3 OF THE PROJECT PLANS.
 - EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE ESTABLISHED AROUND THE ENTIRE SITE PERIMETER AND IN ACCORDANCE WITH NPDES PERMIT REQUIREMENTS, BEST MANAGEMENT PRACTICES, CITY REQUIREMENTS AND THE DETAILS SHOWN ON SHEET C8-1 OF THE PROJECT PLANS.
 - ALL ENTRANCES AND CONNECTIONS TO CITY STREETS SHALL BE PERFORMED PER THE REQUIREMENTS OF THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND NOTIFICATIONS AS REQUIRED BY THE CITY.
 - SEE UTILITY PLAN AND STORM SEWER PROFILES FOR FURTHER DETAIL REGARDING THE STORM SEWER.

PROJECT BENCHMARK

SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT INTERSECTION OF CHURCH ST NE & RIVER ROAD NE. ELEVATION = 920.32 FEET (NGVD'29)

CALL BEFORE YOU DIG!
Gopher State One Call
TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

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| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Todd W. McLaughlin
Todd W. McLaughlin - PE
License No. 20383
Date 05/14/19

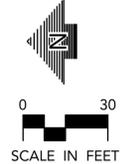
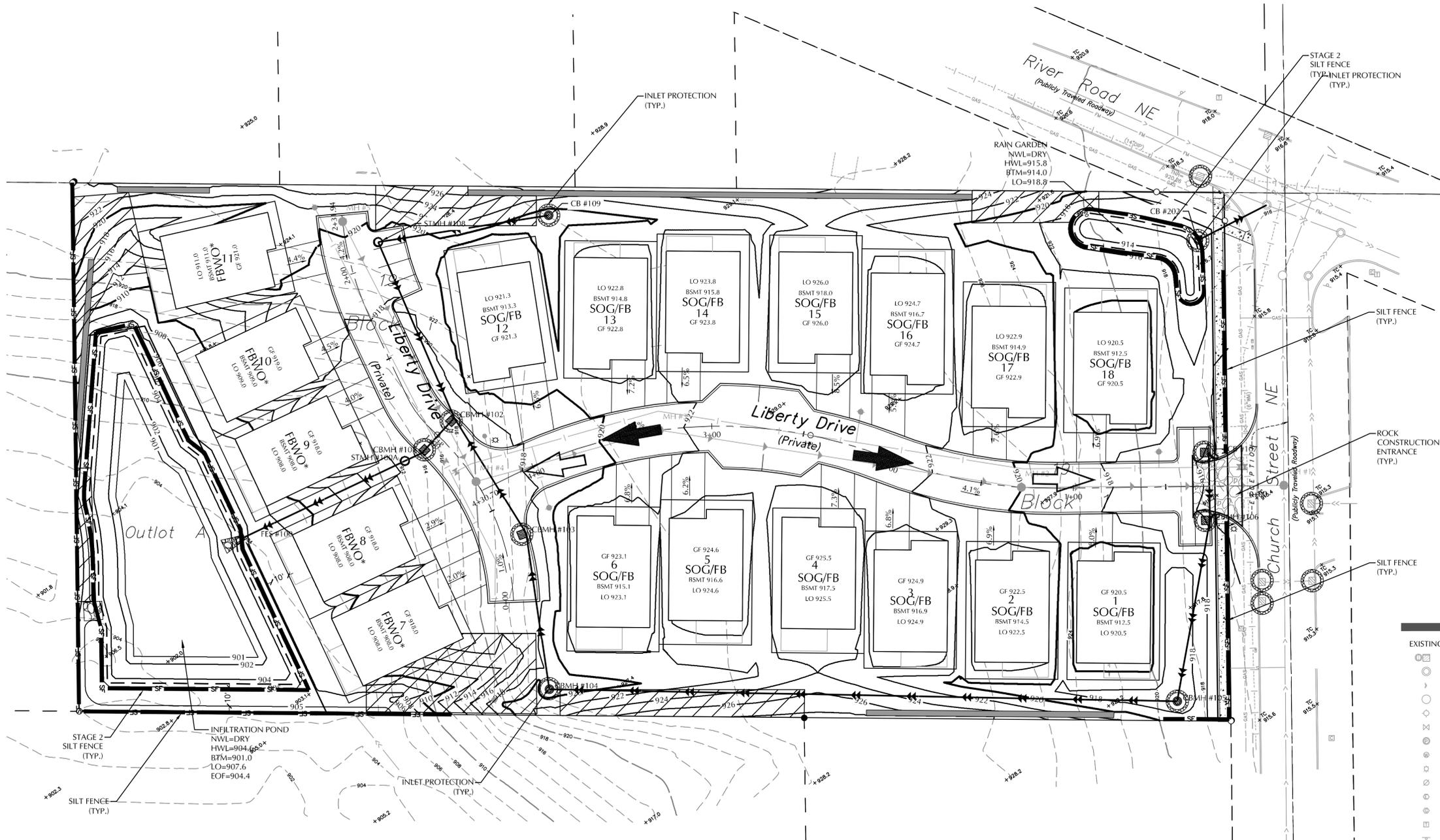
QUALITY CONTROL

| | |
|--------------------|----------|
| Loucks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

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| L2-1 | TREE INVENTORY |

GRADING PLAN
C3-1



| LEGEND | |
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| SITE PLAN LEGEND | |
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| | SILT FENCE |
| | ROCK CONSTRUCTION ENTRANCE |
| | BIOROLL |
| | INLET PROTECTION |
| | EXISTING DRAINAGE PATTERN |
| | PROPOSED DRAINAGE PATTERN |
| | WOODFIBER BLANKET |

NOTE: ALL OTHER DISTURBED AREAS SHALL BE SEEDED & MULCHED

PROJECT BENCHMARK
SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT INTERSECTION OF CHURCH ST NE & RIVER ROAD NE. ELEVATION = 920.32 FEET (NGVD'29)

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Todd W. McLaughlin
Todd W. McLaughlin - PE

License No. 20383
Date 05/14/19

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SWPPP NOTES

- PROJECT DESCRIPTION**
THE NATURE OF THIS PROJECT WILL CONSIST OF CONSTRUCTING SINGLE FAMILY RESIDENTIAL LOTS AND HOMES, UTILITIES AND STREETS.
- SEQUENCING OF MAJOR CONSTRUCTION ACTIVITIES ARE AS FOLLOWS:**
 - INSTALL VEHICLE TRACKING BMP
 - INSTALL SILT FENCE AROUND SITE
 - INSTALL PROTECTIVE FENCE AROUND INFILTRATION AREAS
 - CLEAR AND GRUB SITE
 - STRIP AND STOCKPILE TOPSOIL
 - REMOVE PAVEMENTS AND UTILITIES
 - CONSTRUCT STORMWATER MANAGEMENT BASINS
 - INSTALL SILT FENCE AROUND BASINS
 - ROUGH GRADE SITE
 - IMPORT CLEAN FILL FOR REPLACEMENT AND BALANCE
 - INSTALL UTILITIES
 - INSTALL BUILDING FOUNDATIONS
 - INSTALL CURB AND GUTTER
 - INSTALL PAVEMENTS AND WALKS
 - INSTALL SMALL UTILITIES (GAS, PHONE, ELECTRIC, CABLE, ETC.)
 - FINAL GRADE SITE
 - REMOVE ACCUMULATED SEDIMENT FROM BASINS
 - CONSTRUCT INFILTRATION BASIN
 - SEED AND MULCH
 - WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE SILT FENCE AND RESEED ANY AREAS DISTURBED BY THE REMOVAL.
- SITE DATA:**
 - AREA OF DISTURBANCE: ±4.10 AC
 - PRE-CONSTRUCTION IMPERVIOUS AREA: ±0.38 AC
 - POST-CONSTRUCTION IMPERVIOUS AREA: ±1.89 AC

GENERAL SOIL TYPE: SEE GEOTECHNICAL REPORT IN SPECIFICATIONS
- THE LOCATION OF AREAS NOT TO BE DISTURBED MUST BE IDENTIFIED WITH FLAGS, STAKES, SIGNS, SILT FENCE, ETC. BEFORE CONSTRUCTION BEGINS.
- ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN (7) OR MORE DAYS SHALL BE STABILIZED BY SEEDING OR SODDING (ONLY AVAILABLE PRIOR TO SEPTEMBER 15) OR BY MULCHING OR COVERING OR OTHER EQUIVALENT CONTROL MEASURE. AT A RATE OF 1.5 TIMES STANDARD SEEDING/FINAL STABILIZATION TO BE DONE PER LANDSCAPE PLAN, SEE SHEET L1-1.
- ON SLOPES 3:1 OR GREATER MAINTAIN SHEET FLOW AND MINIMIZE RILLS AND/OR GULLIES, SLOPE LENGTHS CAN NOT BE GREATER THAN 75 FEET
ALL 3:1 SLOPES TO BE STABILIZED WITH EROSION CONTROL BLANKET
- ALL STORM DRAINS AND INLETS MUST BE PROTECTED UNTIL ALL SOURCES OF POTENTIAL DISCHARGE ARE STABILIZED.
- TEMPORARY SOIL STOCKPILES MUST HAVE EFFECTIVE SEDIMENT CONTROL AND CAN NOT BE PLACED IN SURFACE WATERS OR STORM WATER CONVEYANCE SYSTEMS. TEMPORARY STOCKPILES WITHOUT SIGNIFICANT AMOUNT OF SILT, CLAY, OR ORGANIC COMPOUNDS ARE EXEMPT EX: CLEAN AGGREGATE STOCK PILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES.
- SEDIMENT LADEN WATER MUST BE DISCHARGED TO A SEDIMENTATION BASIN WHENEVER POSSIBLE. IF NOT POSSIBLE, IT MUST BE TREATED WITH THE APPROPRIATE BMP'S.
- SOLID WASTE MUST BE DISPOSED OF PROPERLY AND MUST COMPLY WITH MPCA DISPOSAL REQUIREMENTS.
- THE WATERSHED DISTRICT OR THE CITY MAY HAVE REQUIREMENTS FOR INSPECTIONS OR AS-BUILT DRAWINGS VERIFYING PROPER CONSTRUCTION OF THE BMP'S.
- THE OWNER WHO SIGNS THE NPDES PERMIT APPLICATION IS A PERMITTEE AND IS RESPONSIBLE FOR COMPLIANCE WITH ALL TERMS AND CONDITIONS OF THE PERMIT. THE OPERATOR (CONTRACTOR) WHO SIGNS THE NPDES PERMIT APPLICATION IS A PERMITTEE FOR PARTS II.B., PART II.C., PART II.E., PART V, PART IV AND APPLICABLE CONSTRUCTION ACTIVITY REQUIREMENTS FOUND IN APPENDIX A, PART C. OF THE NPDES PERMIT AND IS JOINTLY RESPONSIBLE WITH THE OWNER FOR COMPLIANCE WITH THOSE PORTIONS OF THE PERMIT.
- TERMINATION OF COVERAGE-PERMITTEES** WISHING TO TERMINATE COVERAGE MUST SUBMIT A NOTICE OF TERMINATION (NOT TO THE MPCA. ALL PERMITTEES MUST SUBMIT A NOT WITHIN 30 DAYS AFTER ONE OR MORE OF THE FOLLOWING CONDITIONS HAVE BEEN MET:
 - FINAL STABILIZATION, PER NPDES PERMIT PART IV.G, HAS BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERMITTEE IS RESPONSIBLE.
 - TRANSFER OF OWNERSHIP AS DESCRIBED IN THE PERMIT.
- INSPECTIONS**
 - INITIAL INSPECTION FOLLOWING SILT FENCE INSTALLATION BY CITY REPRESENTATIVE IS REQUIRED.
 - EXPOSED SOIL AREAS: ONCE EVERY 7 DAYS AND WITHIN 24 HOURS FOLLOWING A RAINFALL EVENT GREATER THAN OR EQUAL TO 0.2" IN 24 HOURS.
 - STABILIZED AREAS: ONCE EVERY 30 DAYS
 - FROZEN GROUND: AS SOON AS RUNOFF OCCURS OR PRIOR TO RESUMING CONSTRUCTION.

INSPECTION AND MAINTENANCE RECORDS MUST BE RETAINED FOR 3 YEARS AFTER FILING OF THE NOTICE OF TERMINATION AND MUST INCLUDE DATE AND TIME OF ACTION, NAME OF PERSON(S) CONDUCTING WORK, FINDING OF INSPECTIONS AND RECOMMENDATIONS FOR CORRECTIVE ACTION, DATE AND AMOUNT OF RAINFALL EVENTS GREATER THAN 0.5 INCHES IN A 24 HOUR PERIOD.
- MINIMUM MAINTENANCE**
 - SILT FENCE TO BE REPAIRED, REPLACED, SUPPLEMENTED WHEN NONFUNCTIONAL, OR 1/3 FULL; WITHIN 24 HOURS
 - SEDIMENT BASINS DRAINED AND SEDIMENT REMOVED WHEN REACHES 1/2 STORAGE VOLUME. REMOVAL MUST BE COMPLETE WITHIN 72 HOURS OF DISCOVERY.
 - SEDIMENT REMOVED FROM SURFACE WATERS WITHIN 72 SEVEN DAYS
 - CONSTRUCTION SITE EXITS INSPECTED, TRACKED SEDIMENT REMOVED WITH 24 HOURS.
 - PROVIDE COPIES OF EROSION INSPECTION RESULTS TO CITY ENGINEER FOR ALL RAIN EVENTS GREATER THAN 0.5" OVER 24 HOURS
- THE SWPPP, INCLUDING ALL CHANGES TO IT, AND INSPECTIONS AND MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION ACTIVITY BY THE PERMITTEES WHO HAVE OPERATIONAL CONTROL OF THE SITE.
- OWNER MUST KEEP RECORDS OF ALL PERMITS REQUIRED FOR THE PROJECT, THE SWPPP, ALL INSPECTIONS AND MAINTENANCE, PERMANENT OPERATION AND MAINTENANCE AGREEMENTS, AND REQUIRED CALCULATIONS FOR TEMPORARY AND PERMANENT STORM WATER MANAGEMENT SYSTEMS. THESE RECORDS MUST BE RETAINED FOR THREE YEARS AFTER FILING NPDES NOTICE OF TERMINATION.
- SWPPP MUST BE AMENDED WHEN:**
 - THERE IS A CHANGE IN DESIGN, OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS THAT HAS A SIGNIFICANT EFFECT ON DISCHARGE.
 - INSPECTIONS INDICATE THAT THE SWPPP IS NOT EFFECTIVE AND DISCHARGE IS EXCEEDING WATER QUALITY STANDARDS.
 - THE BMP'S IN THE SWPPP ARE NOT CONTROLLING POLLUTANTS IN DISCHARGES OR IS NOT CONSISTENT WITH THE TERMS AND CONDITIONS OF THE PERMIT.
 - AT ANY TIME AFTER PERMIT COVERAGE IS EFFECTIVE, THE MPCA MAY DETERMINE THAT THE PROJECT'S STORMWATER DISCHARGES MAY CAUSE, HAVE REASONABLE POTENTIAL TO CAUSE, OR CONTRIBUTE TO NON-ATTAINMENT OF ANY APPLICABLE WATER QUALITY STANDARD, OR THAT THE SWPPP DOES NOT INCORPORATE THE APPLICABLE REQUIREMENTS IN PART III.A.8, IMPAIRED WATERS AND TMDLS. IF A WATER QUALITY STANDARD CHANGES DURING THE TERM OF THIS PERMIT, THE MPCA WILL MAKE A DETERMINATION AS TO WHETHER A MODIFICATION OF THE SWPPP IS NECESSARY TO ADDRESS THE NEW STANDARD. IF THE MPCA MAKES SUCH DETERMINATIONS OR ANY OF THE DETERMINATIONS IN PARTS III.B.1.-3., THE MPCA WILL NOTIFY THE PERMITTEES IN WRITING. IN RESPONSE, THE PERMITTEES MUST AMEND THE SWPPP TO ADDRESS THE IDENTIFIED CONCERNS AND SUBMIT INFORMATION REQUESTED BY THE MPCA, WHICH MAY INCLUDE AN INDIVIDUAL PERMIT APPLICATION. IF THE MPCA'S WRITTEN NOTIFICATION REQUIRES A RESPONSE, FAILURE TO RESPOND WITHIN THE SPECIFIED TIMEFRAME CONSTITUTES A PERMIT VIOLATION.
- CONCRETE WASHOUT AREA**
 - CONTRACTOR TO PROVIDE PREFABRICATED CONCRETE WASH-OUT CONTAINER WITH RAIN PROTECTION PER PLAN.
 - CONCRETE WASH OUT TO BE IDENTIFIED WITH SIGNAGE STATING "CONCRETE WASHOUT AREA DO NOT OVERFILL".
 - CONCRETE WASHOUT WATER NEEDS TO BE PUMPED WITHIN 24 HOURS OF STANDING WATER IN WASHOUT AREA.
- IN THE EVENT OF ENCOUNTERING A WELL OR SPRING DURING CONSTRUCTION CONTRACTOR TO CEASE CONSTRUCTION ACTIVITY AND NOTIFY ENGINEER.
- PIPE OUTLETS MUST BE PROVIDED WITH TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER CONNECTION TO A SURFACE WATER.
- TEMPORARY AND PERMANENT SOIL STABILIZATION**
 - TEMPORARY SOIL STABILIZATION MEASURES SHALL CONSIST OF SEEDING.
 - PERMANENT SOIL STABILIZATION SHALL CONSIST OF HYDRO MULCH OR STRAW MULCH.
 - 7 DAY STABILIZATION TIME FRAME IS REQUIRED FOR ALL EXPOSED SOILS THAT ARE DORMANT OR NOT BEING WORKED WITHIN THE 7 DAY WINDOW.
- FINAL STABILIZATION**
FINAL STABILIZATION REQUIRES THAT ALL SOIL DISTURBING ACTIVITIES HAVE BEEN COMPLETED AND THAT DISTURBED AREAS ARE STABILIZED BY A UNIFORM PERENNIAL VEGETATIVE COVER WITH 70% OF THE EXPECTED FINAL DENSITY, AND THAT ALL PERMANENT PAVEMENTS HAVE BEEN INSTALLED. ALL TEMPORARY BMP'S SHALL BE REMOVED, DITCHES

- STABILIZED, AND SEDIMENT SHALL BE REMOVED FROM PERMANENT CONVEYANCES AND SEDIMENTATION BASINS IN ORDER TO RETURN THE POND TO DESIGN CAPACITY.
- TEMPORARY SEDIMENTATION BASINS**
 - THE TEMPORARY SEDIMENTATION BASINS SHALL BE CONSTRUCTED AND MADE OPERATIONAL PRIOR TO DISTURBANCE OF 10 OR MORE ACRES DRAINING TO A COMMON LOCATION.
 - TEMPORARY SEDIMENTATION BASINS ARE REQUIRED PRIOR TO RUNOFF LEAVING THE CONSTRUCTION SITE OR ENTERING SURFACE WATERS WHEN 5 OR MORE ACRES OF DISTURBED SOILS DRAIN TO A COMMON LOCATION, SINCE THE SITE IS WITHIN ONE MILE OF IMPAIRED WATER BODY. THE BASIN MUST PROVIDE 3,600 CUBIC FEET OF STORAGE BELOW THE OUTLET PER ACRE DRAINED. IF HYDRAULIC CALCULATIONS ARE AVAILABLE, THE TEMPORARY SEDIMENTATION BASIN MUST PROVIDE A STORAGE VOLUME EQUIVALENT TO THE 2-YEAR, 24-HOUR STORM, BUT IN NO CASE LESS THAN 1800 CUBIC FEET PER ACRE DRAINED. THE TEMPORARY SEDIMENTATION BASIN MUST BE CONSTRUCTED AND MADE OPERATIONAL CONCURRENT WITH THE START OF SOIL DISTURBANCE UP GRADIENT OF THE POND. THE TEMPORARY SEDIMENTATION BASIN SHALL BE DESIGNED TO PREVENT SHORT CIRCUITING, THE OUTFALL SHALL BE DESIGNED TO REMOVE FLOATABLE DEBRIS, ALLOW FOR COMPLETE DRAWDOWN OF THE POND FOR MAINTENANCE ACTIVITIES, AND HAVE ENERGY DISSIPATION. THE EMERGENCY SPILLWAY SHALL BE STABILIZED.
 - TEMPORARY SEDIMENTATION BASINS SHALL BE SITUATED OUTSIDE OF SURFACE WATERS AND ANY REQUIRED BUFFER ZONE, AND MUST BE DESIGNED TO AVOID DRAINING WETLANDS, UNLESS THE IMPACT IS IN COMPLIANCE WITH THE REQUIREMENTS OF THIS PERMIT.
 - EXCESSIVE SEDIMENT-LADEN WATER THAT IS NOT PROPERLY FILTERED WILL NOT BE PERMITTED TO DISCHARGE FROM SITE.
- DEWATERING AND BASIN DRAINING**
 - TURBID OR SEDIMENT-LADEN WATERS RELATED TO DEWATERING OR BASIN DRAINING SHALL BE DISCHARGED TO A TEMPORARY OR PERMANENT SEDIMENTATION BASIN ON THE PROJECT SITE UNLESS INFEASIBLE. THE TEMPORARY OR PERMANENT BASIN MAY DISCHARGE TO SURFACE WATERS IF THE BASIN WATER HAS BEEN VISUALLY CHECKED TO ENSURE ADEQUATE TREATMENT HAS BEEN OBTAINED IN THE BASIN AND THAT THE NUISANCE CONDITIONS WILL NOT RESULT FROM THE DISCHARGE. DISCHARGE POINTS SHALL BE ADEQUATELY PROTECTED FROM EROSION AND PROPER VELOCITY DISSIPATION PROVIDED.
 - ALL WATER FROM DEWATERING OR BASIN-DRAINING ACTIVITIES MUST BE DISCHARGED IN A MANNER THAT DOES NOT CAUSE NUISANCE CONDITIONS, EROSION IN THE RECEIVING CHANNELS OR ON DOWN SLOPE PROPERTIES, OR INUNDATION IN WETLANDS CAUSING SIGNIFICANT ADVERSE IMPACTS TO THE WETLAND.
 - IF FILTERS WITH BACKWASH WATERS ARE USED, THE BACKWASH WATER SHALL BE HALLED AWAY FOR DISPOSAL, RETURNED TO THE BEGINNING OF THE TREATMENT PROCESS, OR INCORPORATED INTO SITE IN A MANNER THAT DOES NOT CAUSE EROSION. BACKWASH WATER MAY BE DISCHARGED TO SANITARY SEWER IF PERMISSION IS GRANTED BY THE SANITARY SEWER AUTHORITY.
- POLLUTION PREVENTION**
 - BUILDING PRODUCTS THAT HAVE THE POTENTIAL TO LEACH POLLUTANTS MUST BE UNDER COVER TO PREVENT DISCHARGE OR PROTECTED BY AN EFFECTIVE MEANS DESIGNED TO MINIMIZE CONTACT WITH STORMWATER.
 - PESTICIDES, HERBICIDES, INSECTICIDES, FERTILIZERS, TREATMENT CHEMICALS, AND LANDSCAPE MATERIALS MUST BE UNDER COVER.
 - HAZARDOUS MATERIALS AND TOXIC WASTE CONTAINER MUST BE PROVIDED TO PREVENT VANDALISM.
 - SOLID WASTE MUST BE STORED, COLLECTED AND DISPOSED OF IN COMPLIANCE WITH MINN. R. CH 7035.
 - PORTABLE TOILETS MUST BE POSITIONED SO THAT THEY ARE SECURE AND WILL NOT BE TIPPED OR KNOCKED OVER. SANITARY WASTE MUST BE DISPOSED OF PROPERLY IN ACCORDANCE WITH MINN. R. CH 7041.
 - DISCHARGE OF SPILLED OR LEAKED CHEMICALS, INCLUDING FUEL, FROM ANY AREA WHERE CHEMICALS OR FUEL WILL BE LOADED OR UNLOADED SHALL BE PREVENTED USING DRIP PANS OR ABSORBENTS. SUPPLIES SHALL BE AVAILABLE AT ALL TIMES TO CLEAN UP DISCHARGED MATERIALS AND THAT AN APPROPRIATE DISPOSAL METHOD MUST BE AVAILABLE FOR RECOVERED SPILLED MATERIALS.
- DESIGN CALCULATIONS**
TEMPORARY & PERMANENT STORMWATER TREATMENT ARE DESIGNED TO MEET MPCA GENERAL & SPECIAL WATER REQUIREMENTS. CALCULATIONS ARE PART OF THE HYDROLOGY REPORT, WHICH IS TO BE CONSIDERED PART OF THE SWPPP DOCUMENTS. SEE HYDROLOGY REPORT FOR ADDITIONAL INFORMATION.
- GENERAL STORMWATER DISCHARGE REQUIREMENTS**
ALL REQUIREMENTS LISTED IN PART III OF THE PERMIT FOR DESIGN OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM AND DISCHARGE HAVE BEEN INCLUDED IN THE PREPARATION OF THIS SWPPP. THESE INCLUDE BUT ARE NOT LIMITED TO:
 - THE EXPECTED AMOUNT, FREQUENCY, INTENSITY, AND DURATION PRECIPITATION.
 - THE NATURE OF STORMWATER RUNOFF AND RUN-ON AT THE SITE.
 - PEAK FLOW RATES AND STORMWATER VOLUMES TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNEL AND STREAM BANK EROSION.
 - THE RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT ON THE SITE.
- CONSTRUCTION OF FILTRATION BASINS**
 - NO HEAVY TRAFFIC ON FILTRATION AREAS. CONSTRUCTION TO BE DONE WITH MINIMAL COMPACTION TO FILTRATION AREAS. IF COMPACTION IS ENCOUNTERED, BASIN SOILS MUST BE REMOVED & RELAND.
 - INFILTRATION SYSTEMS MUST NOT BE EXCAVATED TO FINAL GRADE UNTIL THE CONTRIBUTING DRAINAGE AREA HAD BEEN CONSTRUCTED AND FULLY STABILIZED UNLESS RIGOROUS EROSION PREVENTION AND SEDIMENT CONTROLS ARE PROVIDED (PART III.D.1.C.).
 - WHEN AN INFILTRATION SYSTEM IS EXCAVATED TO FINAL GRADE (OR WITHIN THREE (3) FEET OF FINAL GRADE), THE PERMITTEES MUST EMPLOY RIGOROUS EROSION PREVENTION AND SEDIMENT CONTROLS (E.G., DIVERSION BERM) TO KEEP SEDIMENT AND RUNOFF COMPLETELY AWAY FROM THE INFILTRATION AREA. THE AREA MUST BE STAKED OFF AND MARKED SO THAT HEAVY CONSTRUCTION VEHICLES OR EQUIPMENT WILL NOT COMPACT THE SOIL IN THE PROPOSED INFILTRATION AREA.
 - TO PREVENT CLOGGING OF THE INFILTRATION OR FILTRATION SYSTEM, THE PERMITTEES MUST USE A PRE-TREATMENT DEVICE SUCH AS A VEGETATED FILTER STRIP, SMALL SEDIMENTATION BASIN, OR WATER QUALITY INLET (E.G., GRIT CHAMBER) TO SETTLE PARTICULATES BEFORE THE STORMWATER DISCHARGES INTO THE INFILTRATION OF FILTRATION SYSTEM.
- POST CONSTRUCTION**
THE WATER QUALITY VOLUME THAT MUST BE RETAINED ON SITE BY THE PROJECT'S PERMANENT STORMWATER MANAGEMENT SYSTEM DESCRIBED IN PART III.D, SHALL BE ONE (1) INCH OF RUNOFF FROM THE NEW IMPERVIOUS SURFACES CREATED BY THE PROJECT. SEE PART III.D.1. FOR MORE INFORMATION ON INFILTRATION DESIGN, PROHIBITIONS AND APPROPRIATE SITE CONDITIONS.
- RESPONSIBILITIES**
 - THE OWNER MUST IDENTIFY A CONTRACTOR WHO WILL OVERSEE THE SWPPP IMPLEMENTATION AND THE PERSON RESPONSIBLE FOR INSPECTION AND MAINTENANCE.
 - THE OWNER MUST IDENTIFY THE A PERSON WHO WILL BE RESPONSIBLE FOR LONG TERM OPERATIONS AND MAINTENANCE OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM.
 - UPON ACCEPTANCE BY THE CITY, ALL STORMWATER FACILITIES WILL BE PUBLIC AND MAINTAINED BY THE CITY.
- TRAINING REQUIREMENTS**
THE PERMITTEES SHALL ENSURE THE FOLLOWING INDIVIDUALS IDENTIFIED IN THIS PART HAVE BEEN TRAINED IN ACCORDANCE WITH THIS PERMIT'S TRAINING REQUIREMENTS.
 - WHO MUST BE TRAINED:
 - INDIVIDUALS PREPARING THE SWPPP FOR THE PROJECT
 - INDIVIDUALS OVERSEEING IMPLEMENTATION OF, REVISIONS, AND AMENDING THE SWPPP AND INDIVIDUALS/ PERSONS PERFORMING INSPECTIONS AS REQUIRED IN PART IV.E. ONE OF THESE INDIVIDUALS MUST BE AVAILABLE FOR AN ONSITE INSPECTION WITHIN 72 HOURS UPON REQUEST BY THE MPCA.
 - INDIVIDUALS PERFORMING OR SUPERVISING THE INSTALLATION, MAINTENANCE AND REPAIR OF BMP'S, AT LEAST ONE INDIVIDUAL ON THE PERMITTED PROJECT SITE OR AVAILABLE TO THE PROJECT SITE IN 72 HOURS MUST BE TRAINED IN THE JOB DUTIES DESCRIBED IN PART III.E.1.B. AND PART III.E.1.C.
 - TRAINING CONTENT:
 - THE CONTENT AND EXTENT OF TRAINING MUST BE COMMENSURATE WITH THE INDIVIDUAL'S JOB DUTIES AND RESPONSIBILITIES WITH REGARD TO ACTIVITIES COVERED UNDER THIS PERMIT FOR THE PROJECT. AT LEAST ONE INDIVIDUAL PRESENT ON THE PERMITTED PROJECT SITE OR AVAILABLE TO THE PROJECT SITE IN 72 HOURS MUST BE TRAINED IN THE JOB DUTIES DESCRIBED IN PART III.E.1.B. AND PART III.E.1.C.
 - THE PERMITTEES SHALL ENSURE THAT THE INDIVIDUALS ARE TRAINED BY LOCAL, STATE, FEDERAL AGENCIES, PROFESSIONAL OR OTHER ENTITIES WITH EXPERTISE IN EROSION PREVENTION, SEDIMENT CONTROL, PERMANENT STORMWATER MANAGEMENT AND THE MINNESOTA NPDES/SDS CONSTRUCTION STORMWATER PERMIT. AN UPDATE REFRESHER-TRAINING MUST BE ATTENDED EVERY THREE (3) YEARS STARTING THREE (3) YEARS FROM THE ISSUANCE DATE OF THIS PERMIT.

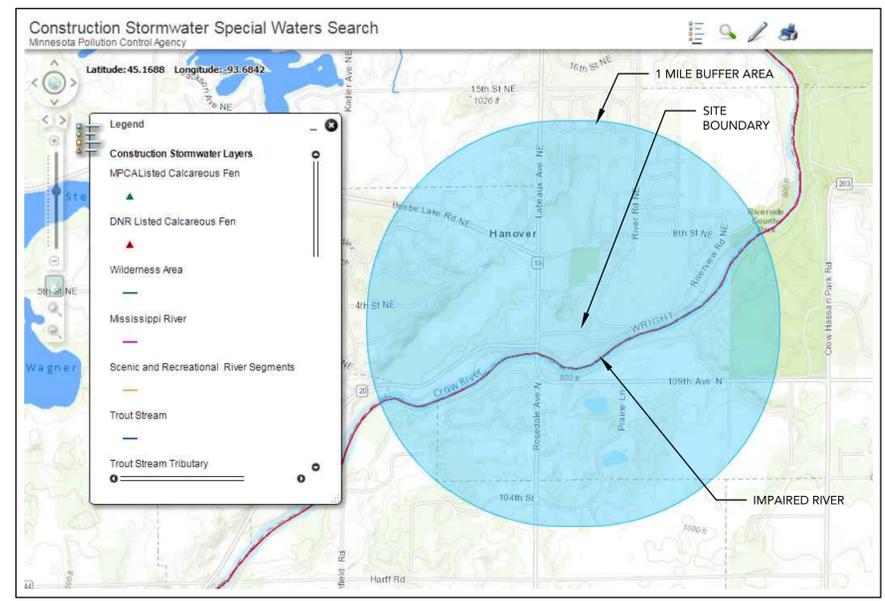
LIST OF CONTACTS

| TITLE | CONTACT | COMPANY | PHONE NUMBER |
|-----------------|--------------|-------------|--------------|
| OWNER | JOSH JACOBS | WITS REALTY | 612-859-0354 |
| PROJECT MANAGER | TODD MCLOUTH | LOUCKS | 763-496-6742 |
| SWPPP DESIGNER | ZACH WEBBER | LOUCKS | 763-496-6753 |
| CONTRACTOR | TBD | | |
| SITE MANAGER | TBD | | |

UNIVERSITY OF MINNESOTA
Zachary H. Webber
Design of Construction SWPPP (May 31 2021)

* MPCA 24HR. HAZARDOUS SPILL HOTLINE: 651-649-5457 OF 80420798

SPECIAL AND IMPAIRED WATERS MAP



ESTIMATED QUANTITIES

| DESCRIPTION | UNIT | QUANTITY |
|--------------------------------------|------|----------|
| TEMPORARY ROCK CONSTRUCTION ENTRANCE | EA | 1 |
| SILT FENCE (STANDARD) | LF | ±730 |
| STAGE 2 SILT FENCE (STANDARD) | LF | ±755 |
| INLET PROTECTION | EA | 14 |
| WOODFIBER BLANKET | SY | 1,160 |
| CONCRETE WASHOUT | EA | . |
| BIOROLL | LF | . |

PERMANENT STORMWATER MANAGEMENT

| | |
|---|------------------------------|
| X | INFILTRATION |
| | STORMWATER HARVEST AND REUSE |
| | FILTRATION |
| X | WET SEDIMENTATION BASIN |
| | REGIONAL PONDING |

RECEIVING WATERS

| NAME OF WATER BODY | TYPE OF WATER BODY | SPECIAL WATER | IMPAIRED WATER | TYPE OF SPECIAL WATER |
|--------------------|--------------------|---------------|----------------|-----------------------|
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EROSION CONTROL NOTES

- ALL STREETS IN AND ADJACENT TO THE PROJECT SHALL REMAIN CLEAN AND PASSABLE AT ALL TIMES.
- A STABILIZED CONSTRUCTION ENTRANCE WILL BE PLACED AT ALL ENTRANCES THAT LEAD TO THE PROJECT SITE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE APPROVED DETAILS.
- SEDIMENT CONTROLS MUST BE IN PLACE AND APPROVED BY THE ENGINEER BEFORE ANY PHASE OF CONSTRUCTION CAN BEGIN.
- INLET PROTECTION WILL BE INSTALLED AT ALL CATCH BASINS WITHIN THE PROJECT AREA PER STANDARD DETAILS UNTIL THE SITE IS STABILIZED.
- PIPE OUTLETS MUST BE PROVIDED WITH TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER CONNECTION TO SURFACE WATER.
- STABILIZATION OF DISTURBED AREAS SHALL BE DONE BY PERMANENT TURF ESTABLISHMENT WHENEVER POSSIBLE.
- IN THE EVENT THAT PERMANENT STABILIZATION CANNOT BE IMPLEMENTED WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY IN THE DISTURBED AREA HAS CEASED, TEMPORARY STABILIZATION BMP'S MUST BE SCHEDULED TO OCCUR WITHIN THAT 7 DAY TIME FRAME. RAPID STABILIZATION METHOD 4 SHALL BE EMPLOYED WITHIN 200 FEET OF THE NORMAL WETTED PERIMETER OF ALL DISCHARGE POINTS WITHIN 24 HOURS.
- ALL STOCKPILES MUST HAVE PERIMETER SEDIMENT CONTROL IMPLEMENTED AND MAINTAINED AT ALL TIMES. STOCKPILES SHALL RECEIVE TEMPORARY STABILIZATION IF UNWORKED FOR 7 DAYS.
- CONCRETE SLURRY FROM REMOVAL OPERATIONS MUST BE VACUUMED UP IMMEDIATELY. NO CONCRETE WASHOUT SHALL COME IN CONTACT WITH THE GROUND AND MUST BE PROPERLY DISPOSED OF.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MAY BE ADDED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- CONTRACTOR MUST SUBMIT A DEWATERING PLAN TO THE ENGINEER FOR APPROVAL 10 DAYS PRIOR TO ANY DEWATERING ON SITE. THE PLAN MUST INCLUDE A DEWATERING SYSTEM PRIOR TO DISCHARGING INTO RECEIVING WATER. THE DEWATERING PLAN MUST ENSURE THAT THE DISCHARGE WATER IS FREE OF SEDIMENT AND TURBID WATER IN ACCORDANCE WITH THE PROJECT SPEC. THE DEWATERING PLAN MUST ALSO INCLUDE A COMPONENT FOR ONSITE TESTING AND MONITORING OF TURBIDITY AND PH.
- RAPID STABILIZATION #4 WITH CATEGORY 3N BLANKET ON SIDE SLOPES 3:1 OR STEEPER.
- TEMPORARY OR PERMANENT STABILIZATION AND DOWN GRADIENT PERIMETER SEDIMENT CONTROL IS NEEDED ON ROW, CURB, AND GUTTER LINE.

RIVER TOWN VILLAS OF HANOVER
11218 CHURCH STREET NE
HANOVER, MN 55341
WITS REALTY
1010 W. LAKE STREET
SUITE 200
MINNEAPOLIS, MN 55408

LOUCKS
PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL
7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksinc.com

CADD QUALIFICATION
CADD files prepared by the Consultant for this project are instruments of the Consultant's professional service. For use solely with respect to this project. These CADD files shall not be used on other projects, for additions to this project, or for completion of this project by others without written approval by the Consultant. With the Consultant's approval, others may be permitted to obtain copies of the CADD drawing files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

SUBMITTAL/REVISIONS

| DATE | DESCRIPTION |
|----------|-----------------------|
| 02/22/19 | PRELIMINARY SUBMITTAL |
| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Todd W. McLouth
Todd W. McLouth - PE
License No. 20383
Date 05/14/19

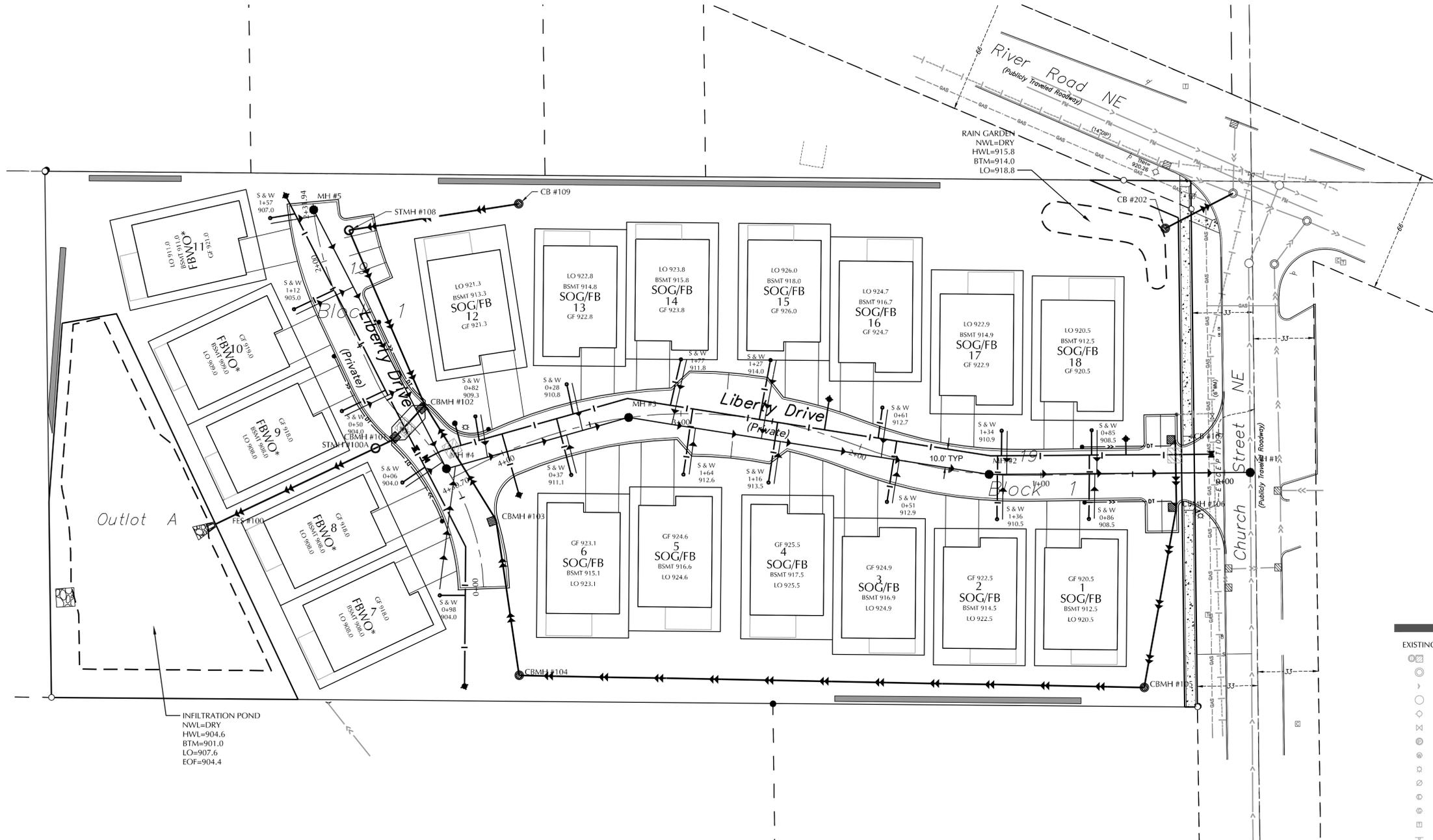
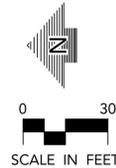
QUALITY CONTROL

| | |
|--------------------|----------|
| Loucks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

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| C3-1 | GRADING PLAN |
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| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

SWPPP NOTES
C3-3



| LEGEND | |
|----------|----------|
| EXISTING | PROPOSED |
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UTILITY STRUCTURE SCHEDULE

| STRUCTURE NO. | CASTING | MANHOLE SIZE |
|---------------|------------|---------------|
| CBMH 101 | R-3067 | 48" |
| CBMH 102 | R-3067 | 48" |
| CBMH 103 | R-3067 | 48" |
| CBMH 104 | R-4342 | 30" |
| CBMH 105 | R-4342 | 27" |
| CBMH 106 | R-3067 | 48" |
| CB 107 | R-3067 | 2' X 3' |
| CB 201 | STANDARD | 24" NYLOPLAST |
| CB 202 | STANDARD | 12" NYLOPLAST |
| OCS 301 | SEE DETAIL | 48" |
| STMH 100A | R-1642 | 48" |
| STMH 108 | R-1642 | 48" |
| CB 109 | R-4342 | 27" |

UTILITY NOTES

ALL CONSTRUCTION SHALL CONFORM TO CITY OF HANOVER'S GENERAL SPECIFICATIONS AND STANDARD DETAIL PLATES.

PROPOSED PIPE MATERIALS:
 WATERMAIN PVC C900 6" TO 8" DIAMETER
 SANITARY SEWER PVC SDR 35 & SCH 40 6" TO 15" DIAMETER
 STORM SEWER DUAL WALL HDPE RCP, CLASS 5 12" TO 18" DIAMETER

PROJECT BENCHMARK

SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT INTERSECTION OF CHURCH ST NE & RIVER ROAD NE. ELEVATION = 920.32 FEET (NGVD/29)



WARNING:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND/OR RELOCATION OF LINES.

THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL AT 651-454-0002 AT LEAST 48 HOURS IN ADVANCE FOR THE LOCATIONS OF ALL UNDERGROUND WIRES, CABLES, CONDUITS, PIPES, MANHOLES, VALVES OR OTHER BURIED STRUCTURES BEFORE DIGGING. THE CONTRACTOR SHALL REPAIR OR REPLACE THE ABOVE WHEN DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.

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PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Todd W. McLaughlin
Todd W. McLaughlin - PE

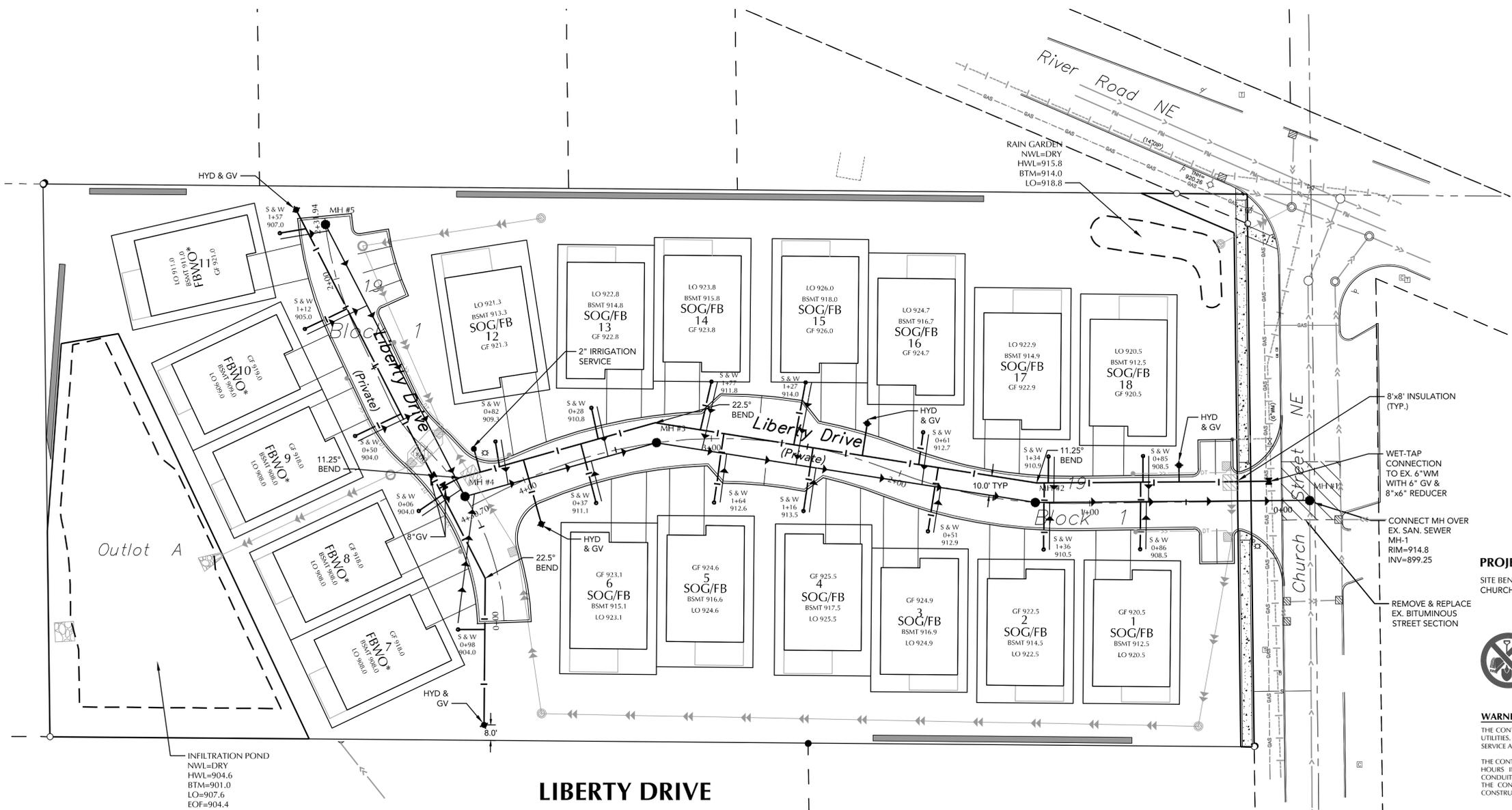
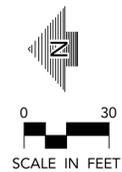
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Date 05/14/19

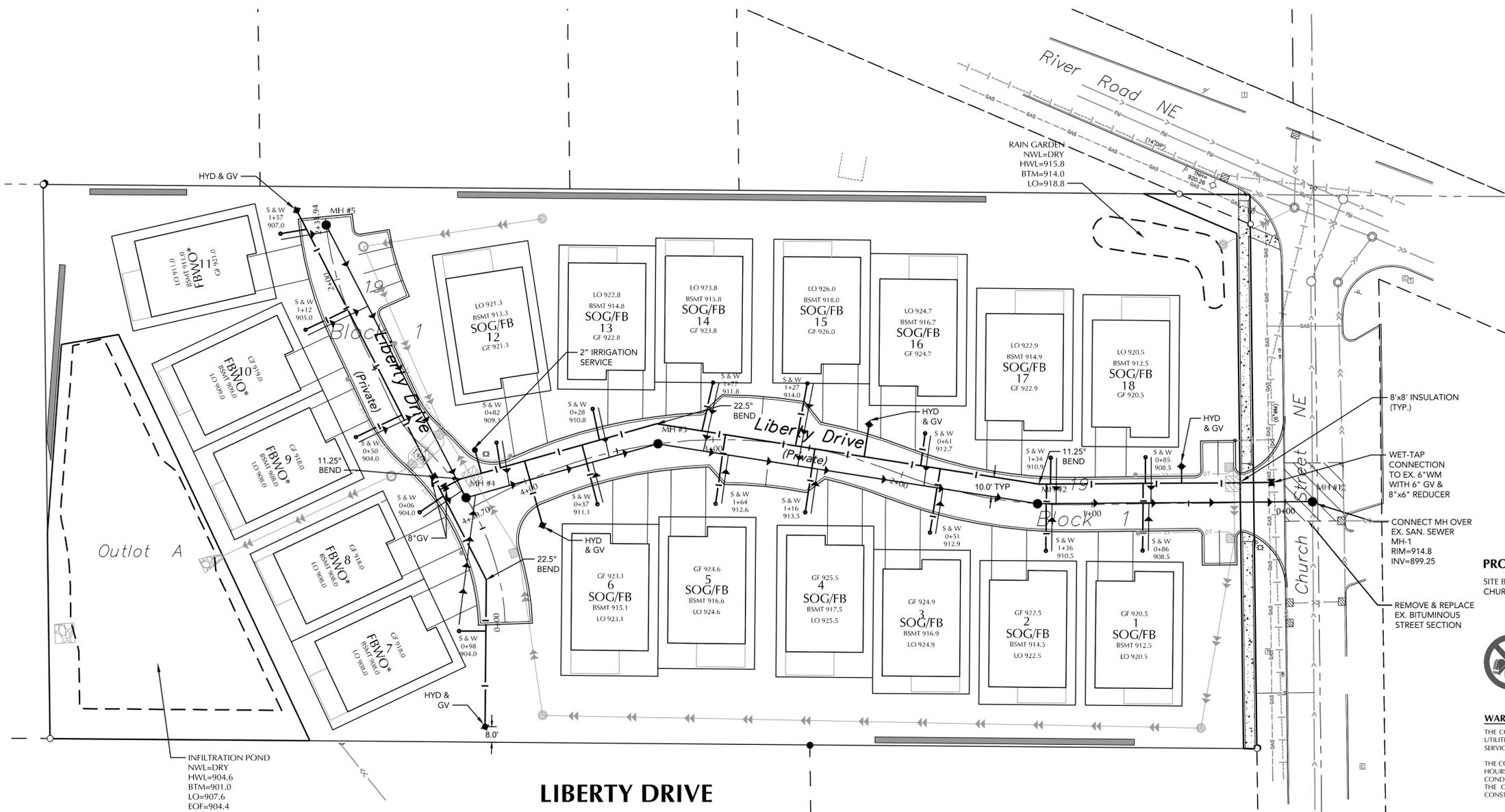
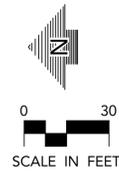
QUALITY CONTROL

Loucks Project No. 03128A
Project Lead TWM
Drawn By KMM
Checked By TWM
Review Date 06/13/19

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PROJECT BENCHMARK
SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT INTERSECTION OF CHURCH ST NE & RIVER ROAD NE. ELEVATION = 920.32 FEET (NGVD'29)

CALL BEFORE YOU DIG!
Gopher State One Call
TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

WARNING:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR LOCATIONS OF ALL EXISTING UTILITIES. THEY SHALL COOPERATE WITH ALL UTILITY COMPANIES IN MAINTAINING THEIR SERVICE AND / OR RELOCATION OF LINES.
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| 02/22/19 | PRELIMINARY SUBMITTAL |
| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE
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Todd W. McLaughlin
Todd W. McLaughlin - PE
License No. 20383
Date 05/14/19

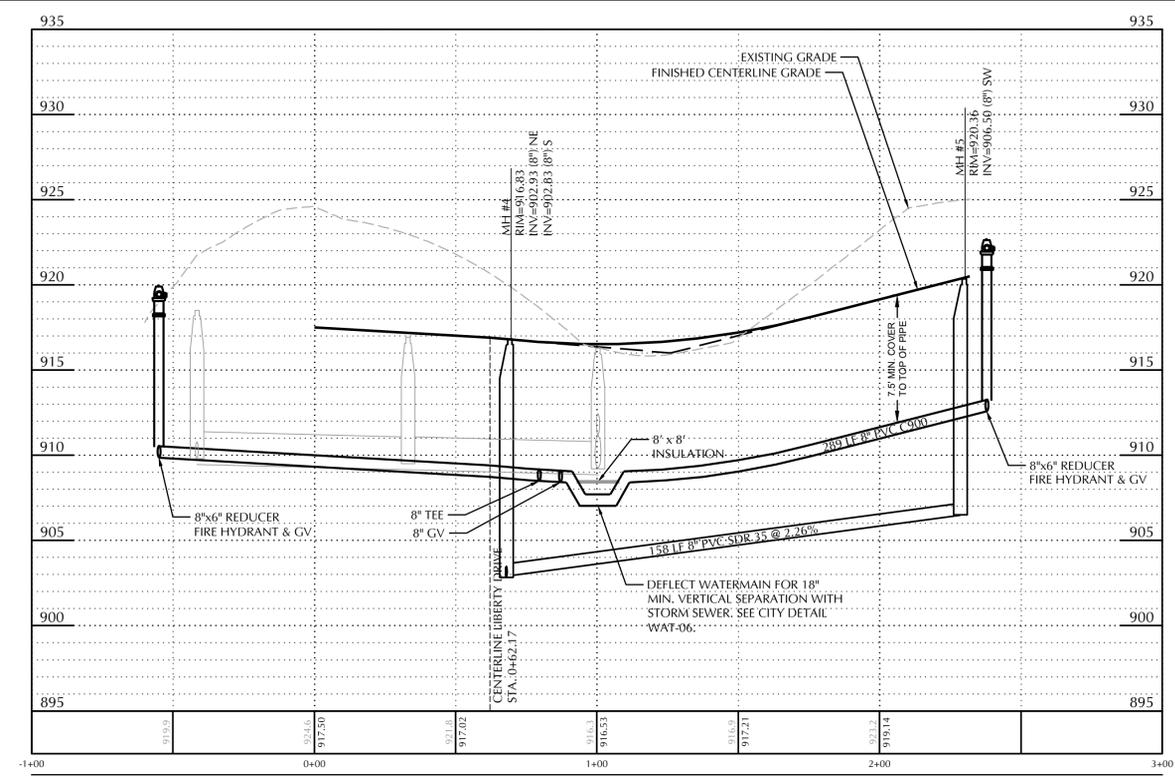
QUALITY CONTROL

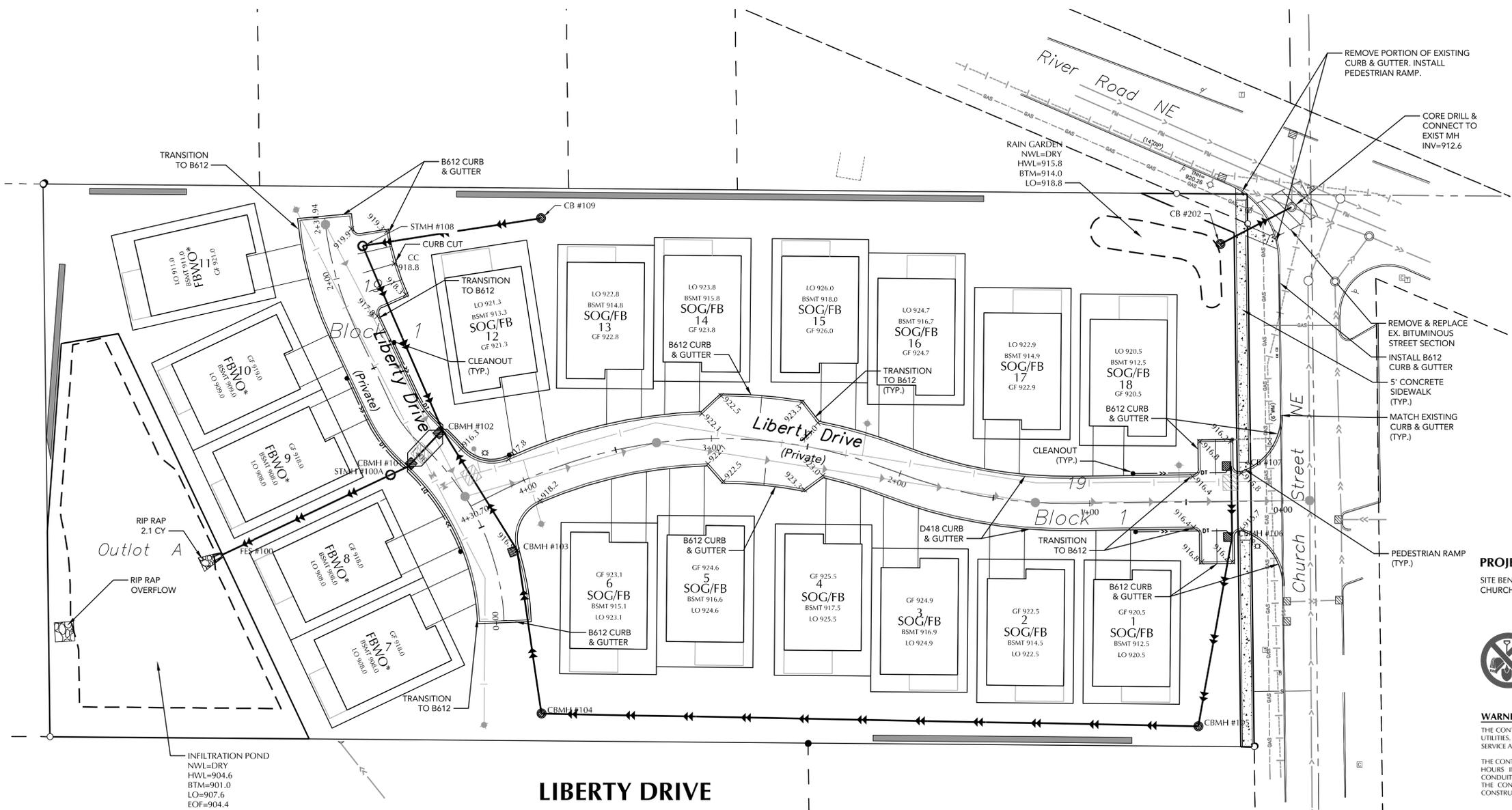
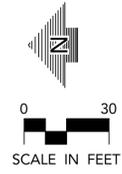
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|--------------------|----------|
| Loecks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

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| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

SANITARY SEWER & WATERMAIN PLAN & PROFILE
C4-3





PROJECT BENCHMARK
SITE BENCHMARK: TOP NUT OF HYDRANT LOCATED AT INTERSECTION OF CHURCH ST NE & RIVER ROAD NE. ELEVATION = 920.32 FEET (NGVD'29)

CALL BEFORE YOU DIG!
Gopher State One Call
TWIN CITY AREA: 651-454-0002
TOLL FREE: 1-800-252-1166

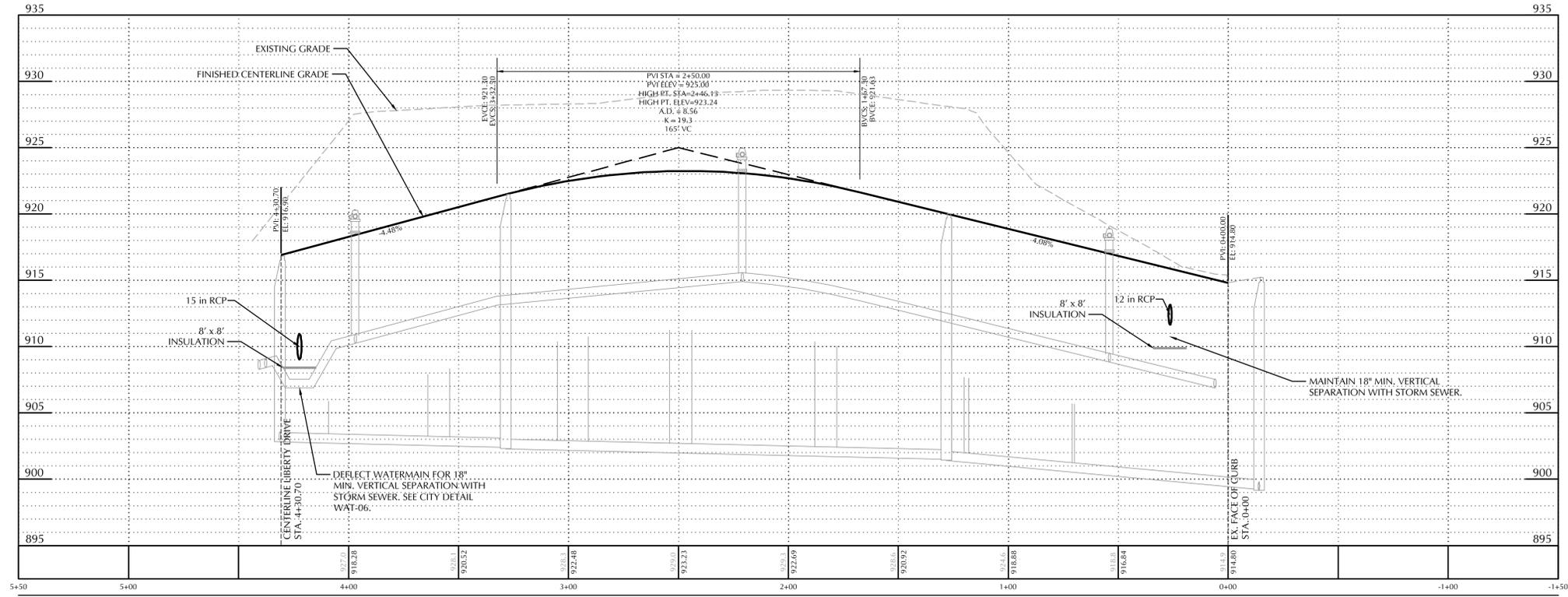
WARNING:
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LIBERTY DRIVE



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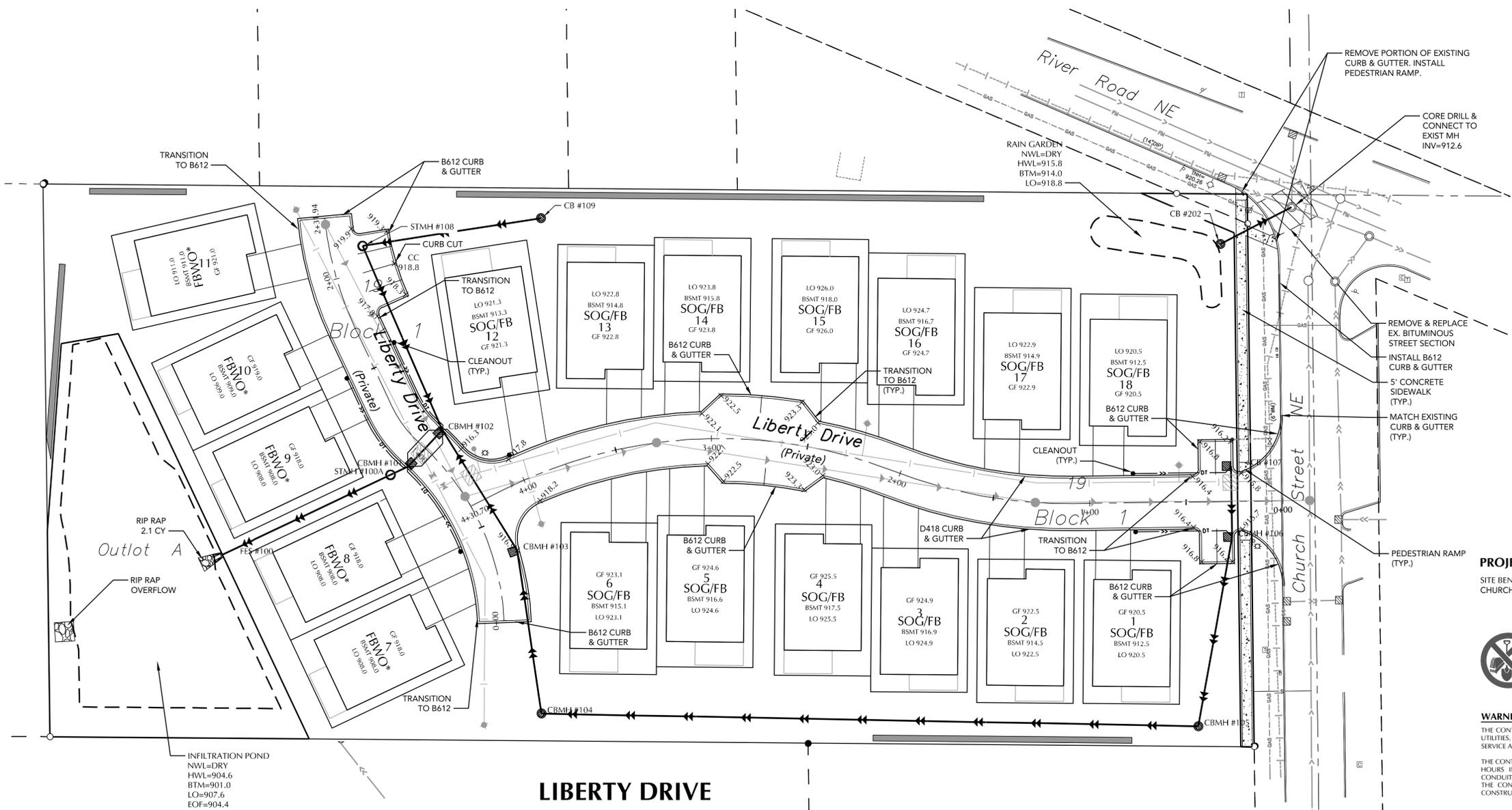
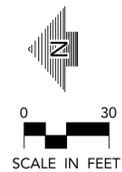
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| Drawn By | KMM |
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STREET & STORM SEWER PLAN & PROFILE

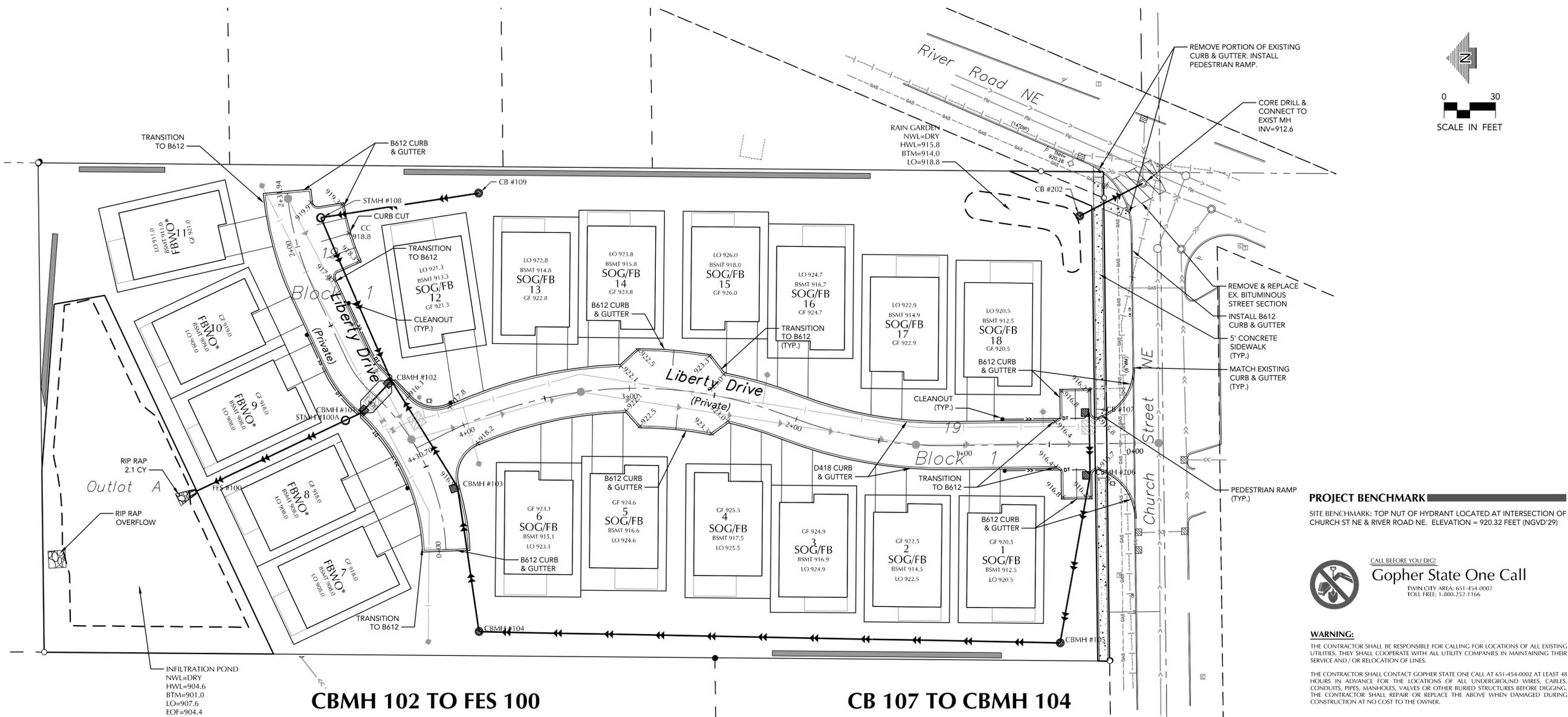
C5-1



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WARNING:
THE CONTRACTOR SHALL BE



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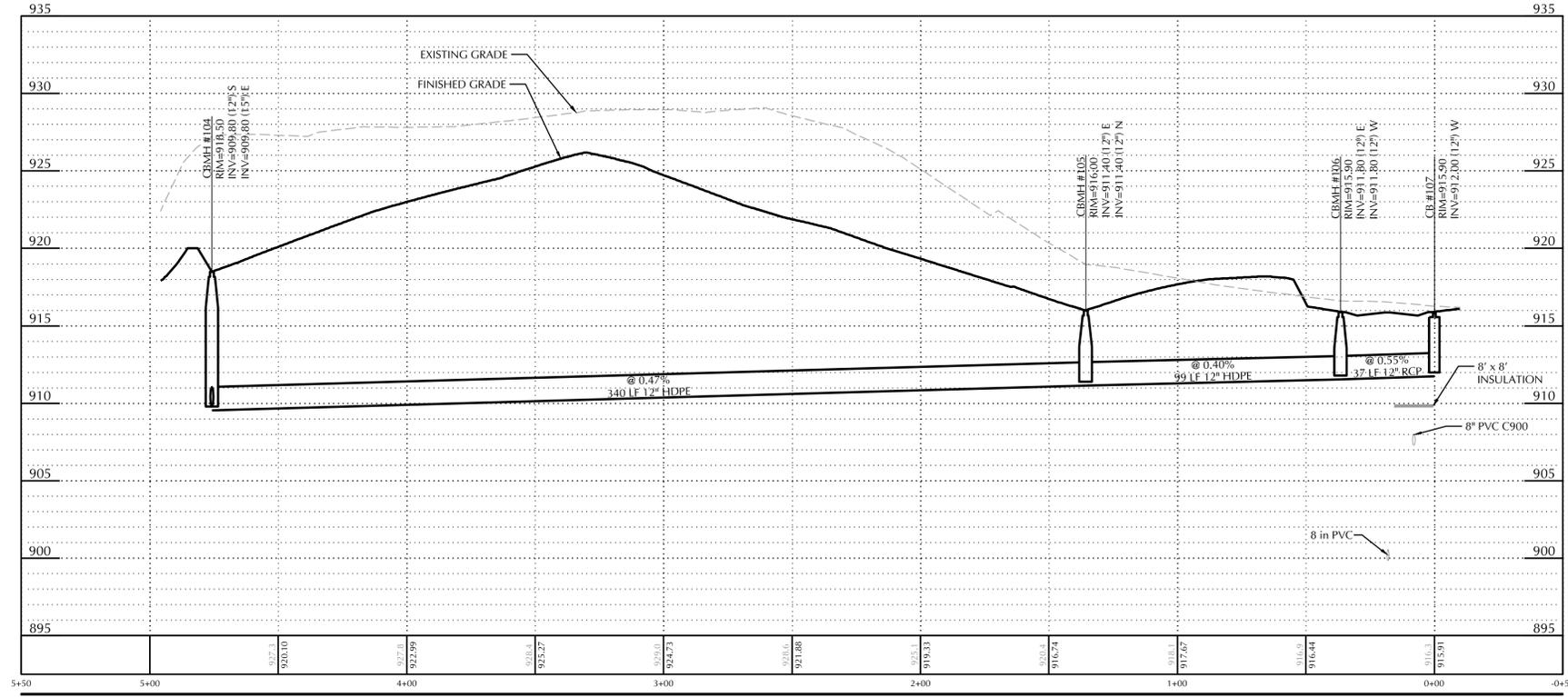
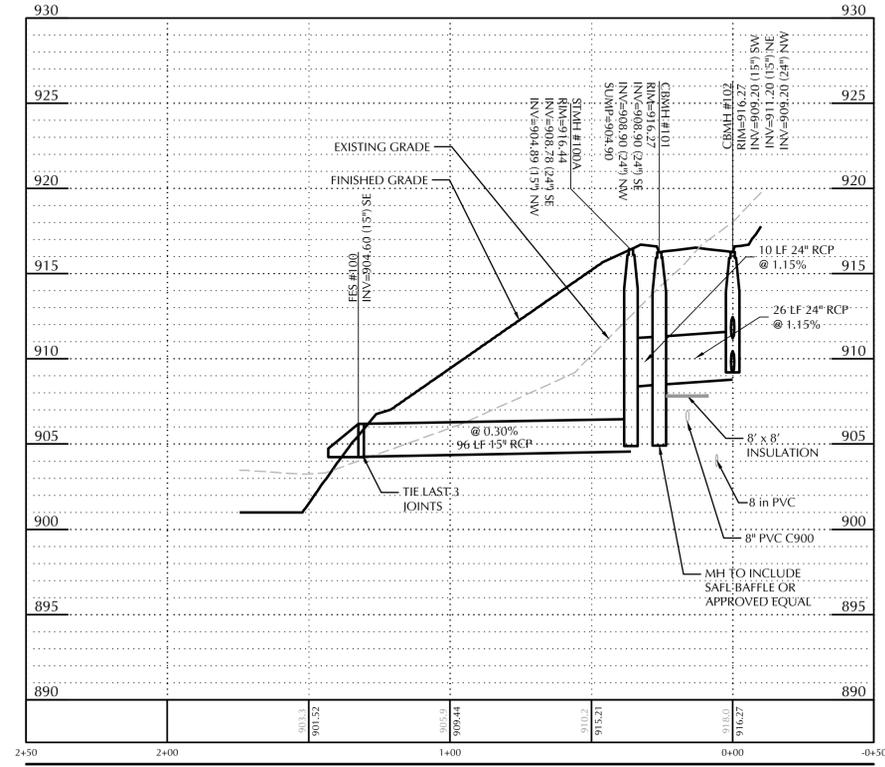
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CBMH 102 TO FES 100

CB 107 TO CBMH 104



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 Todd W. Madsen - PE

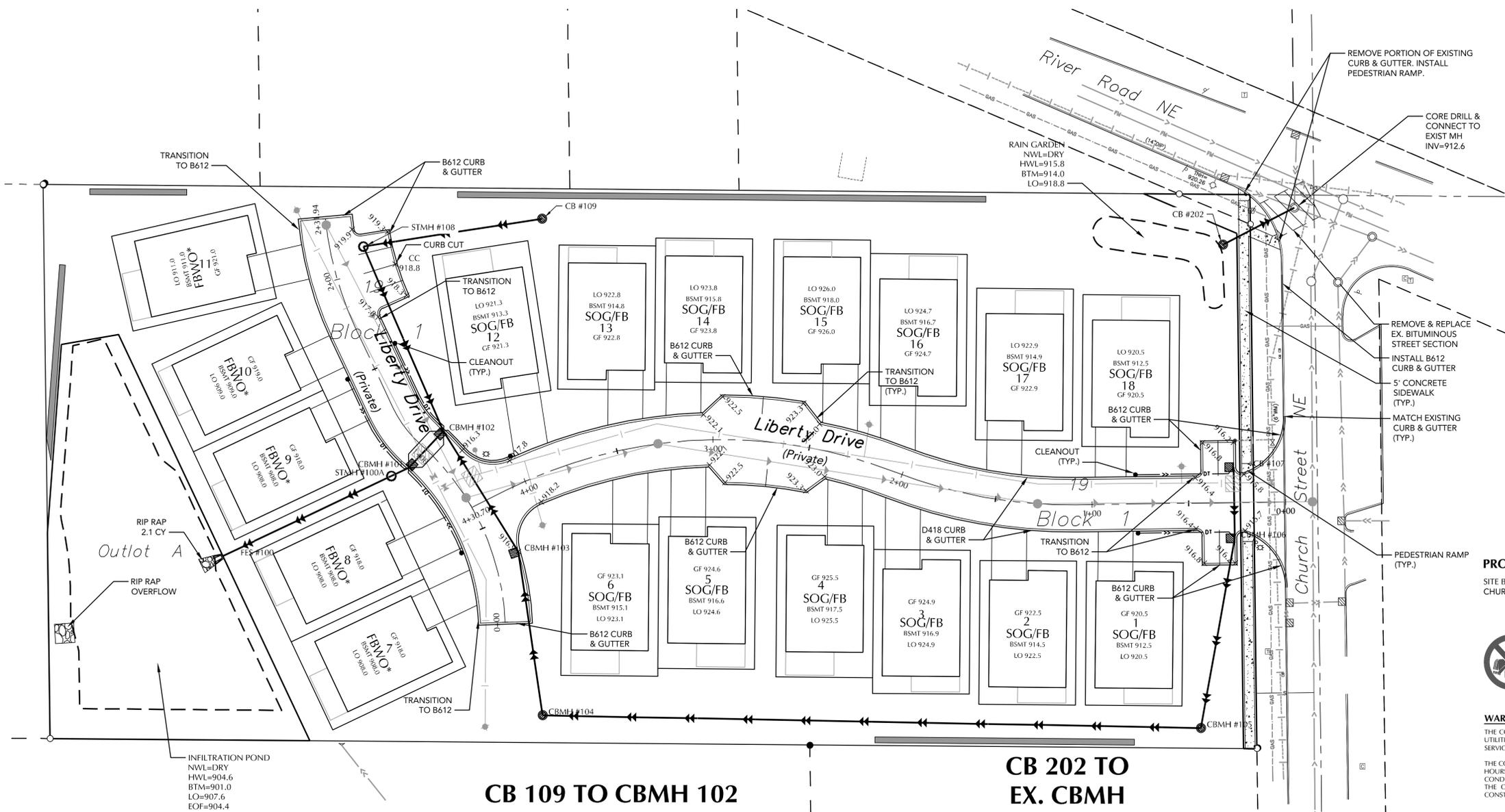
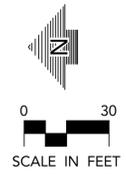
License No. 20383
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QUALITY CONTROL

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|--------------------|----------|
| Loecks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

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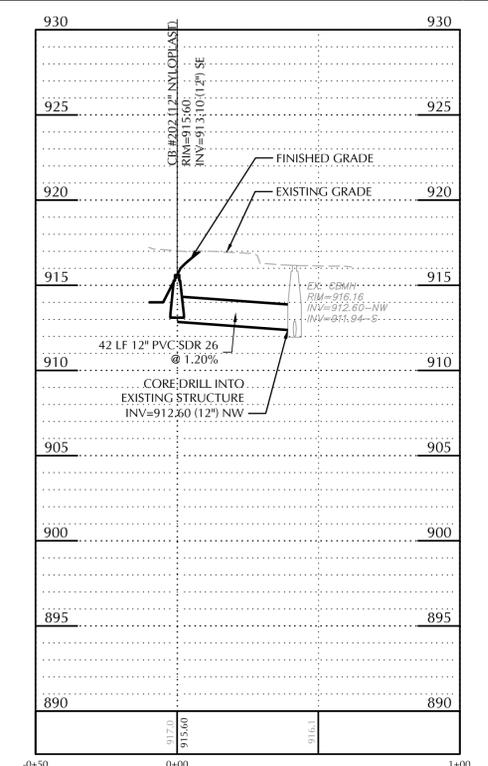
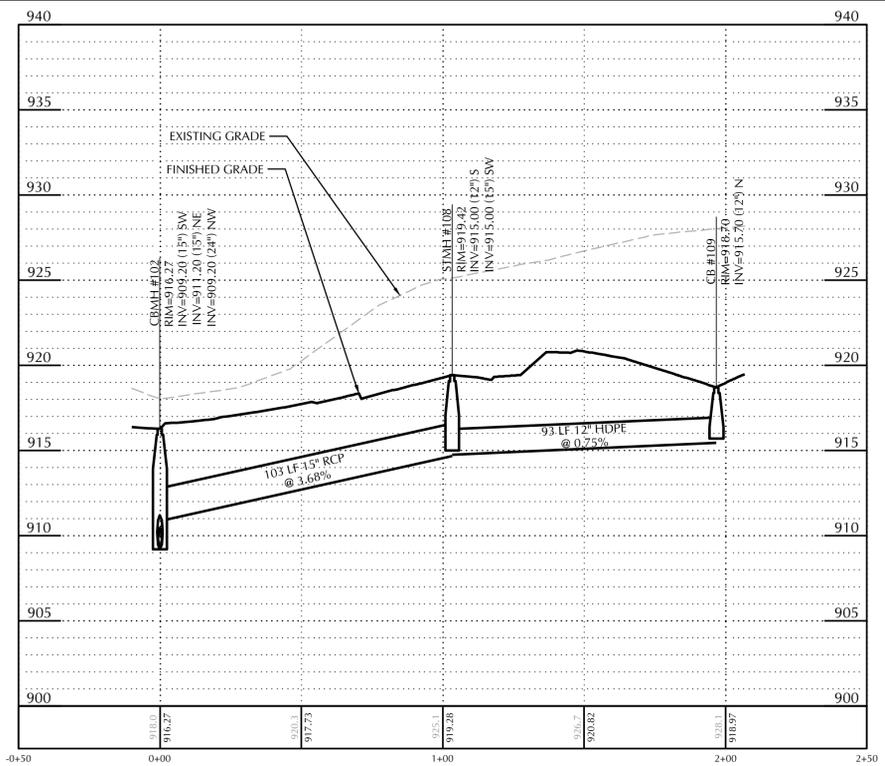
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CB 109 TO CBMH 102

CB 202 TO EX. CBMH



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Project Lead TWM
Drawn By KMM
Checked By TWM
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STORM SEWER PLAN & PROFILE

C5-4

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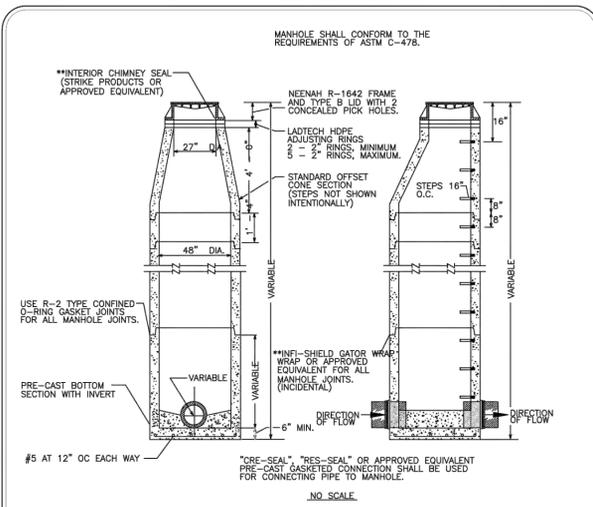
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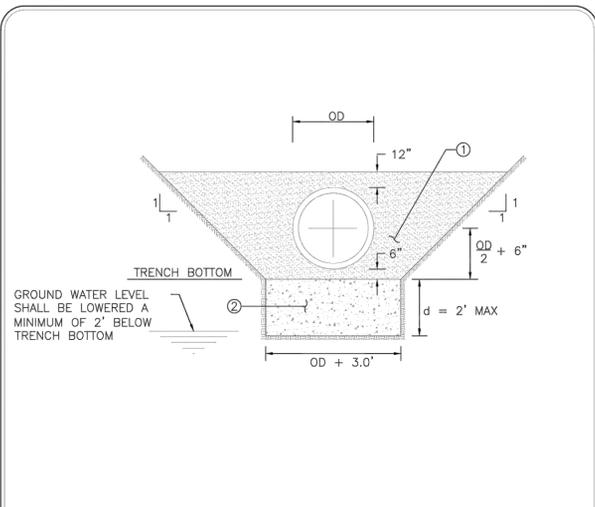
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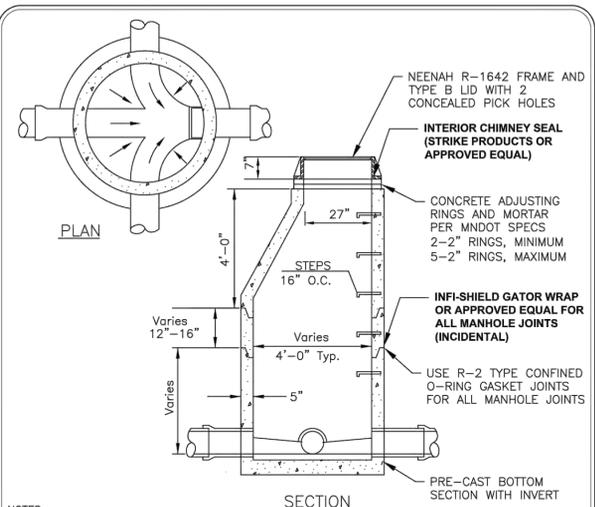
- NOTES:
1. ALL CONNECTIONS TO EXISTING STRUCTURES SHALL BE CORE DRILLED
 2. MANHOLE STEPS SHALL BE CAST IN ALUMINUM OR MA INDUSTRY WITH VINYL COATING OR APPROVED EQUIVALENT AND SHALL BE LOCATED ON THE DOWN STREAM SIDE OF MANHOLE
 3. STEPS SHALL BE PLACED SO THAT THE OFFSET VERTICAL PORTION OF THE CONE IS FACING DOWN STREAM
 4. MANHOLE COVERS SHALL BE CAST WITH THE WORDS "SANITARY SEWER"
 5. THE INITIAL & FINAL RAISING OF CASTINGS SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR CASTING THE ASSEMBLY
 6. MAXIMUM DEPTH FROM TOP OF CASTING TO FIRST STEP SHALL NOT BE MORE THAN 16"
 7. STEPS SHALL ALIGN WITH THE OPENING TO PROVIDE ACCESS TO THE MANHOLES
 8. ALL SANITARY MANHOLES SHALL BE SEALED WITH INTERNAL MOLDED POLYMER SHIELD, SUCH AS "1/1 BARRIER" AS MANUFACTURED BY STRIKE PRODUCTS APPROVED EQUIVALENT

| | | |
|---|---|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Standard Manhole for Sanitary Sewer | |
| | Date: 01-16 | Plate No. SAN - 01 |
| | Revised: | |



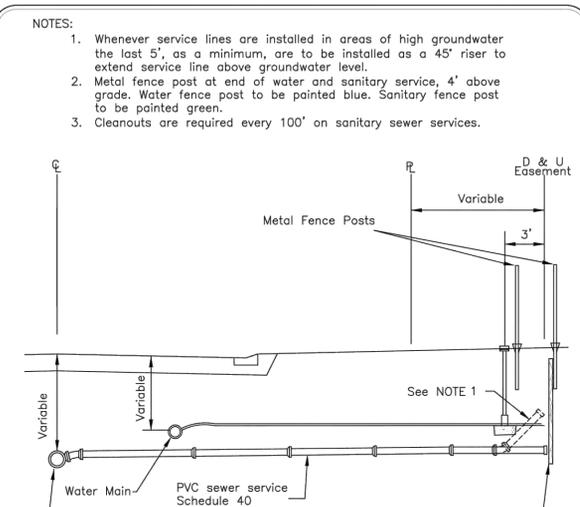
1. GRANULAR PIPE BEDDING MATERIAL (MNDOT SPEC 3149.2F) (INCIDENTAL)
2. 1 1/2" CLEAR AGGREGATE BEDDING, TO BE USED ONLY IN AREAS AS DIRECTED BY ENGINEER. (NO PAYMENT WILL BE MADE WITHOUT PRIOR APPROVAL FROM THE ENGINEER)

| | | |
|---|---------------------------------------|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: PVC Pipe Bedding Detail | |
| | Date: 01-16 | Plate No. SAN - 06 |
| | Revised: | |

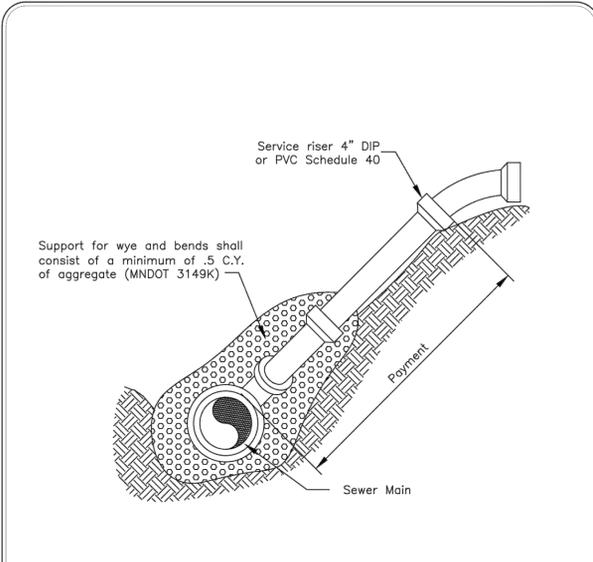


- NOTES:
1. ALL CONNECTIONS TO EXISTING STRUCTURES SHALL BE CORE DRILLED
 2. MANHOLE STEPS SHALL BE CAST IN ALUMINUM OR MA INDUSTRY WITH VINYL COATING OR APPROVED EQUIVALENT AND SHALL BE LOCATED ON THE DOWN STREAM SIDE OF MANHOLE
 3. STEPS SHALL BE PLACED SO THAT THE OFFSET VERTICAL PORTION OF THE CONE IS FACING DOWN STREAM
 4. MANHOLE COVERS SHALL BE CAST WITH THE WORDS "SANITARY SEWER"
 5. THE INITIAL & FINAL RAISING OF CASTING SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR CASTING THE ASSEMBLY
 6. MAXIMUM DEPTH FROM TOP OF CASTING TO FIRST STEP SHALL NOT BE MORE THAN 16"
 7. STEPS SHALL ALIGN WITH THE OPENING TO PROVIDE ACCESS TO THE MANHOLES
 8. ALL SANITARY MANHOLES SHALL BE SEALED WITH INTERNAL MOLDED POLYMER SHIELD, SUCH AS "1/1 BARRIER" AS MANUFACTURED BY STRIKE PRODUCTS OR APPROVED EQUIVALENT
 9. MORTAR SHALL MEET ASTM C270 AND ASTM C387 AND MNDOT SPECIFICATION 2506.2B

| | | |
|---|---|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Sanitary Sewer Junction Manhole | |
| | Date: 01-16 | Plate No. SAN - 07 |
| | Revised: | |

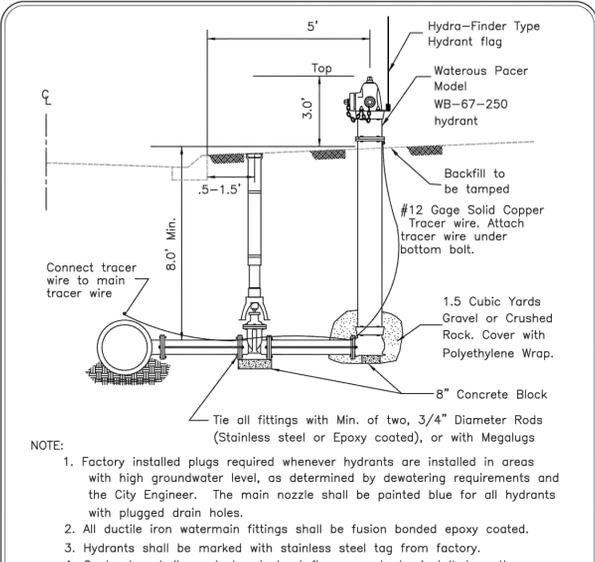


| | | |
|---|---|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Sewer Service Connections | |
| | Date: 01-16 | Plate No. SAN - 10 |
| | Revised: | |



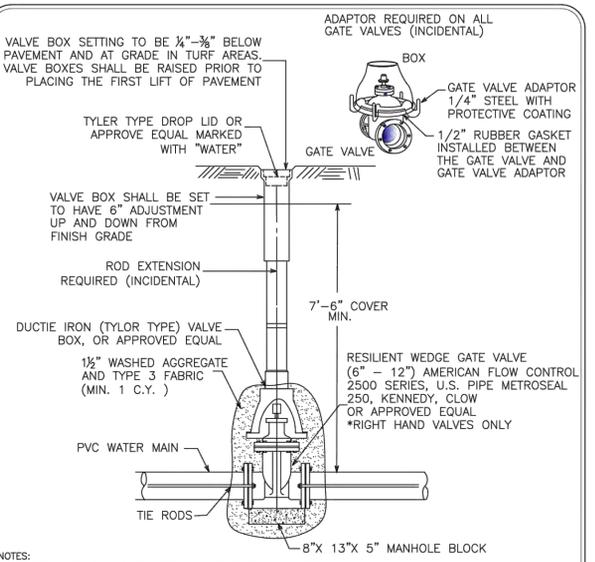
- NOTE:
- Where the sanitary main is deeper than 14.5', service risers shall be required.

| | | |
|---|-----------------------------|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Service Riser | |
| | Date: 01-16 | Plate No. SAN - 11 |
| | Revised: | |



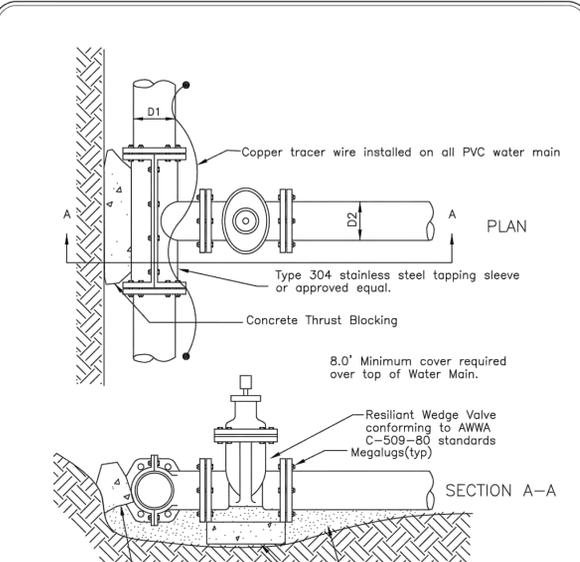
- NOTE:
1. Factory installed plugs required whenever hydrants are installed in areas with high groundwater level, as determined by dewatering requirements and the City Engineer. The main nozzle shall be painted blue for all hydrants with plugged drain holes.
 2. All ductile iron watermain fittings shall be fusion bonded epoxy coated.
 3. Hydrants shall be marked with stainless steel tag from factory.
 4. Contractor shall supply two hydrant flags, one to be installed on the hydrant and the second delivered to the Hanover Maintenance Facility.
 5. All hydrant leads are to be constructed with Polywrapped DIP, Class 52.
 6. All watermain bolts shall be ASTM F593 Type 316 Stainless Steel or approved equal.

| | | |
|---|------------------------------|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Hydrant Detail | |
| | Date: 01-16 | Plate No. WAT - 01 |
| | Revised: | |



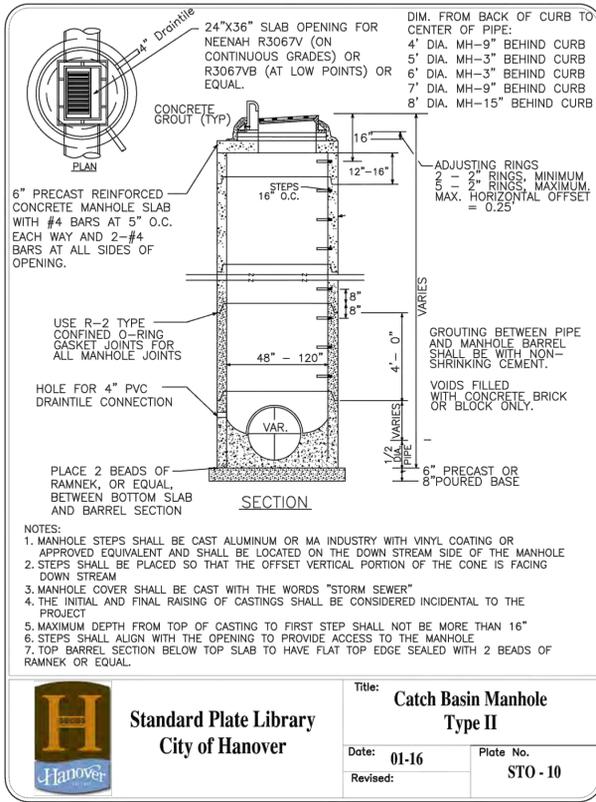
- NOTES:
1. GATE VALVES SHOULD BE USED ON 6" THROUGH 12" WATERMAIN.
 2. VALVE BOX INSERTS ARE NOT ALLOWED UNLESS APPROVED BY THE ENGINEER.
 3. VALVE BOXES SHALL BE INSTALLED PLUMB AND SHALL ALLOW A 4" P.V.C. PIPE TO PASS ENTIRELY OVER THE GATE VALVE NUT AFTER INSTALLATION IS COMPLETE.
 4. ALL VALVES SHALL BE TIED WITH 3/4" THREADED TIE RODS TO THE MAIN. MEGA LUGS MAY BE USED IN LIEU OF THE RODS.
 5. THE HEIGHT OF THE CAST IRON OR DUCTILE IRON ADJUSTMENT RING IS DETERMINED BY THE THICKNESS OF THE WEAR COURSE.
 6. CAST IRON OR DUCTILE IRON ADJUSTMENT RINGS TO BE INSTALLED AS PER MANUFACTURE'S RECOMMENDATION.
 7. THE INITIAL & FINAL RAISING OF VALVE BOXES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

| | | |
|---|---|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Gate Valve and Box Installation | |
| | Date: 01-16 | Plate No. WAT - 02 |
| | Revised: | |



- Note: All watermain bolts and ties shall be stainless steel or an approved equal

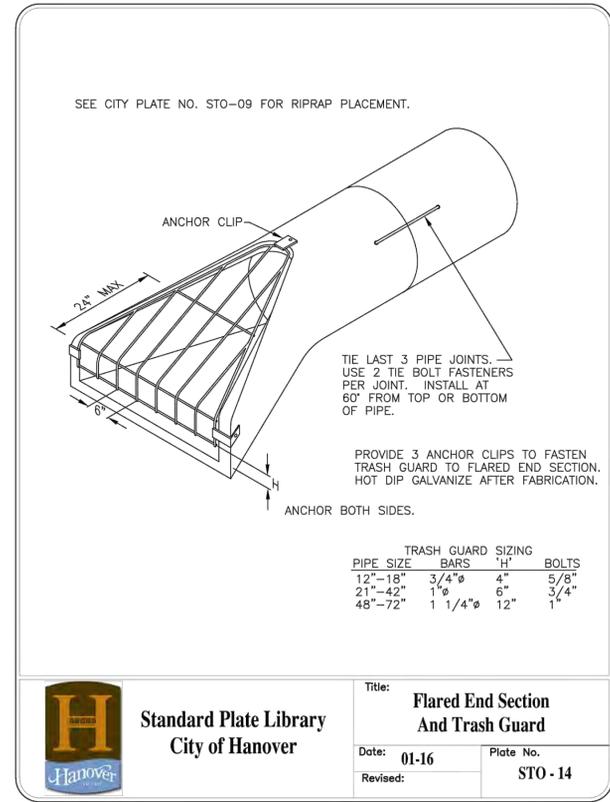
| | | |
|---|---------------------------------|---------------------------|
| <p>Standard Plate Library City of Hanover</p> | Title: Watermain Wet Tap | |
| | Date: 01-16 | Plate No. WAT - 03 |
| | Revised: | |



Standard Plate Library
City of Hanover

Title: Catch Basin Manhole Type II

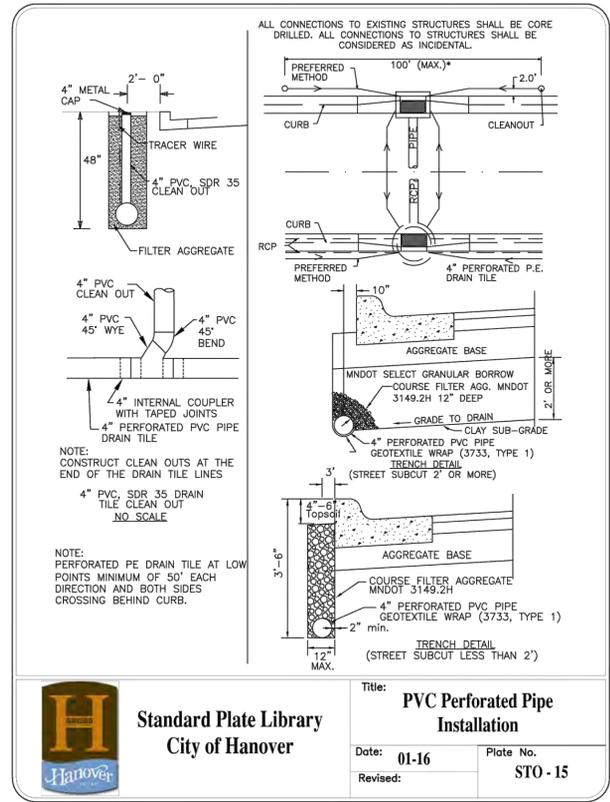
Date: 01-16 Plate No. STO - 10
Revised: STO - 10



Standard Plate Library
City of Hanover

Title: Flared End Section And Trash Guard

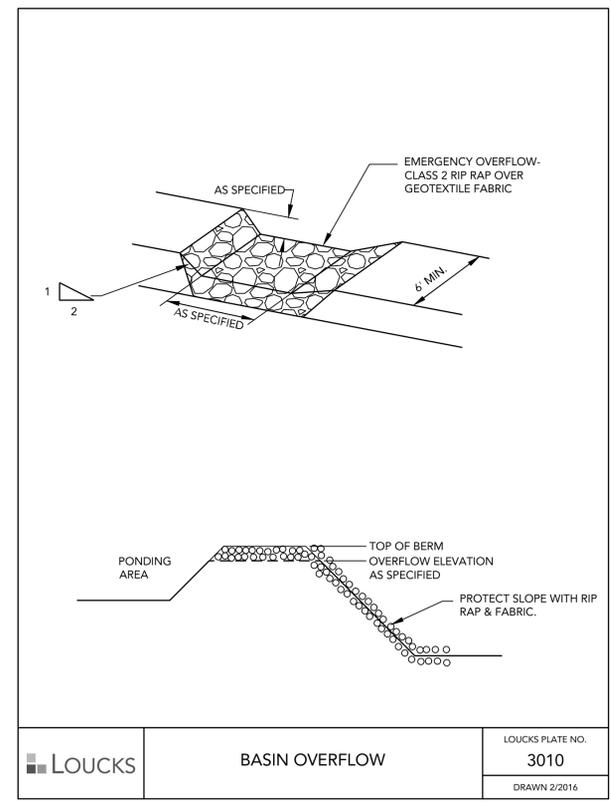
Date: 01-16 Plate No. STO - 14
Revised: STO - 14



Standard Plate Library
City of Hanover

Title: PVC Perforated Pipe Installation

Date: 01-16 Plate No. STO - 15
Revised: STO - 15

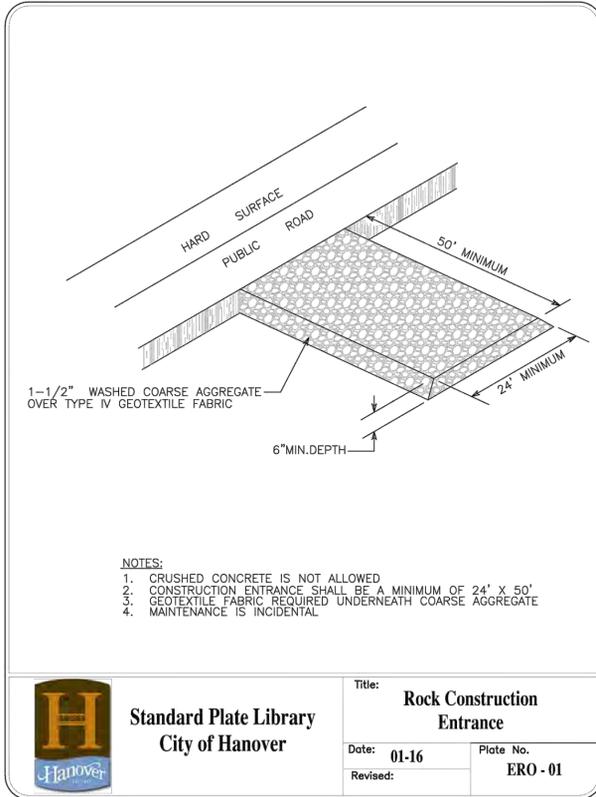


Standard Plate Library
City of Hanover

Title: Basin Overflow

Date: 01-16 Plate No. STO - 16
Revised: STO - 16

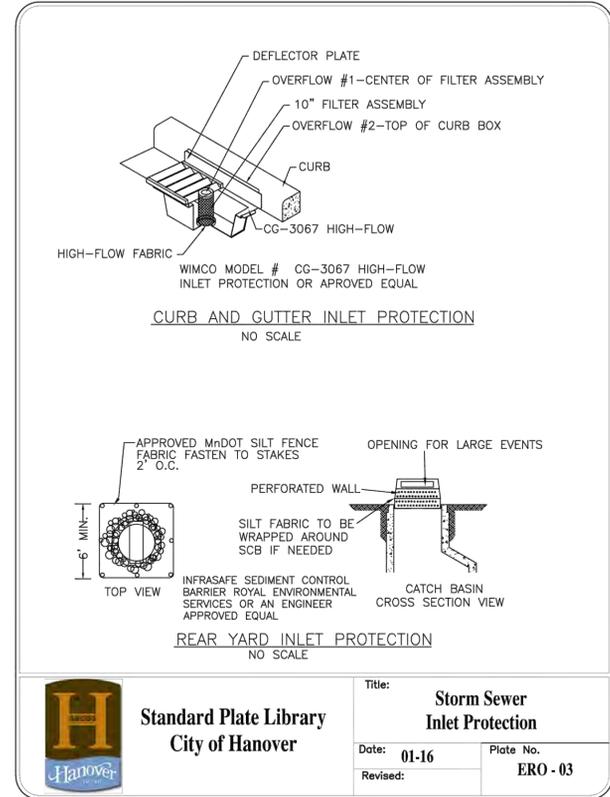
LOUCKS PLATE NO. 3010
DRAWN 2/2016



Standard Plate Library
City of Hanover

Title: Rock Construction Entrance

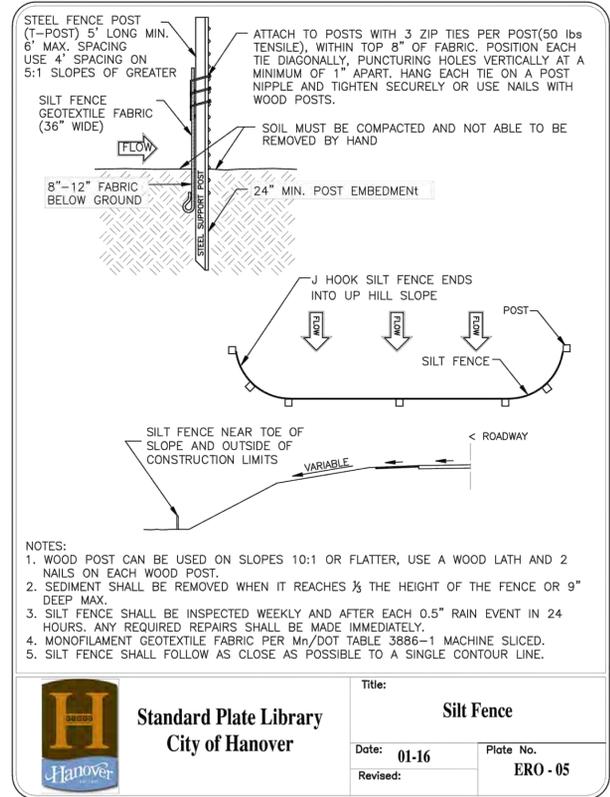
Date: 01-16 Plate No. ERO - 01
Revised: ERO - 01



Standard Plate Library
City of Hanover

Title: Storm Sewer Inlet Protection

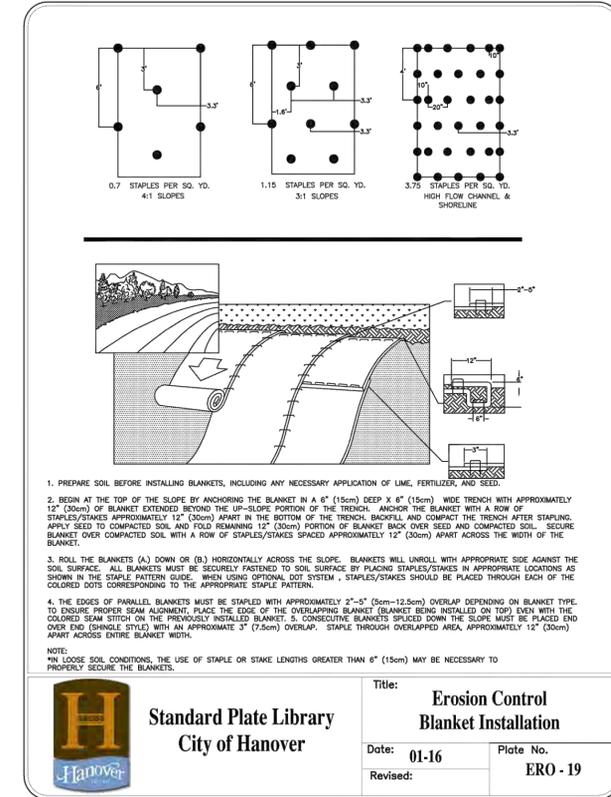
Date: 01-16 Plate No. ERO - 03
Revised: ERO - 03



Standard Plate Library
City of Hanover

Title: Silt Fence

Date: 01-16 Plate No. ERO - 05
Revised: ERO - 05



Standard Plate Library
City of Hanover

Title: Erosion Control Blanket Installation

Date: 01-16 Plate No. ERO - 19
Revised: ERO - 19

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11218 CHURCH STREET NE
HANOVER, MN 55341

WITS REALTY

1010 W. LAKE STREET
SUITE 200
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LOUCKS

PLANNING
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LANDSCAPE ARCHITECTURE
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7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksin.com

LOUCKS

BASIN OVERFLOW

LOUCKS PLATE NO. 3010
DRAWN 2/2016

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| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer, under the laws of the State of Minnesota.

Todd W. McLaughlin
Todd W. McLaughlin - PE

License No. 20383
Date 05/14/19

QUALITY CONTROL

| | |
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| Loecks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

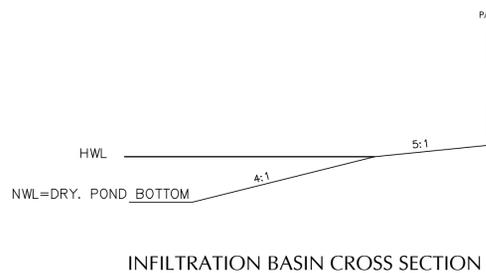
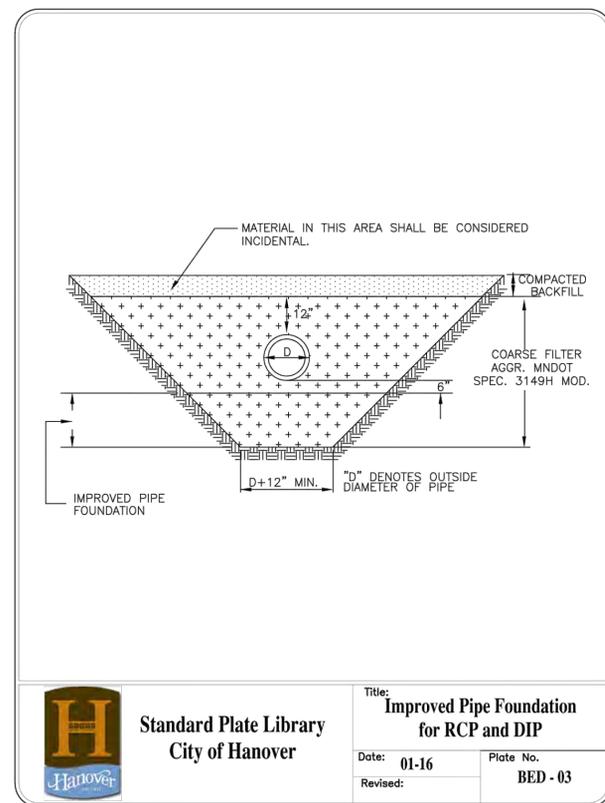
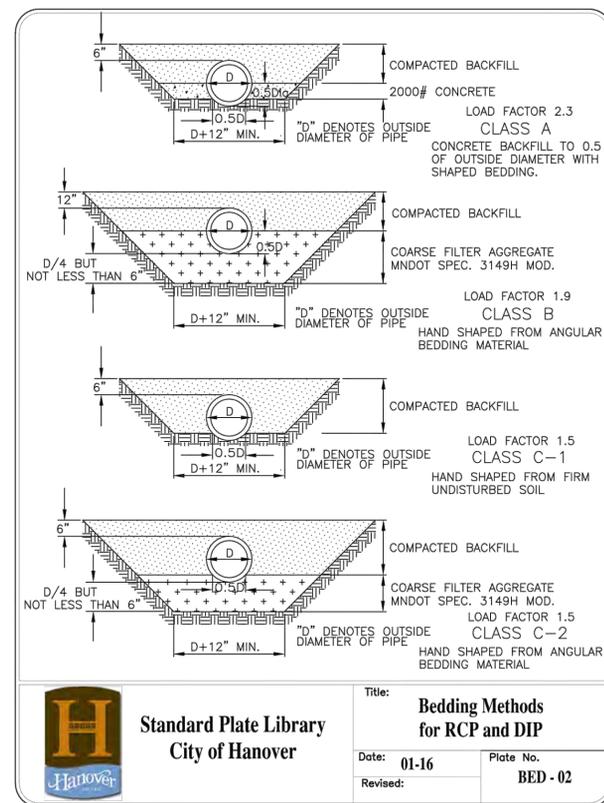
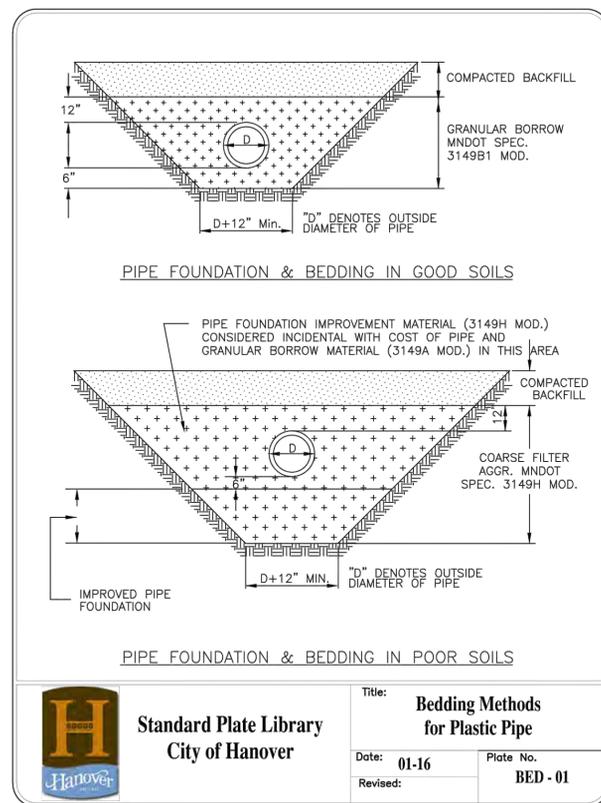
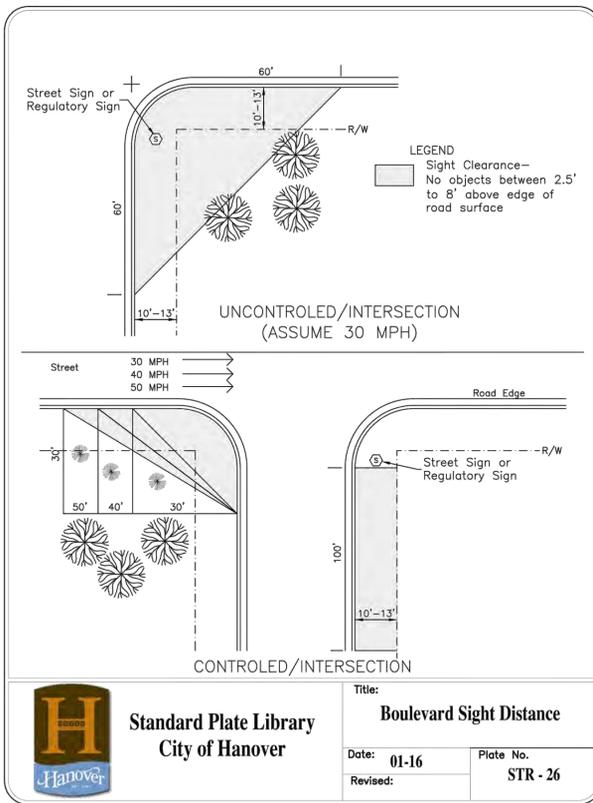
SHEET INDEX

| | |
|------------|---------------------------------------|
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| C1-1 | EXISTING CONDITIONS & DEMOLITION PLAN |
| C2-1 | SITE PLAN |
| C3-1 | GRADING PLAN |
| C3-2, C3-3 | SWPPP PLAN & NOTES |
| C4-1 | UTILITY PLAN |
| C4-2, C4-3 | San Sewer & WM PLAN |
| C5-1, C5-4 | ST & STM SEWER PLAN |
| C8-1, C8-6 | CIVIL DETAILS |
| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

DETAILS

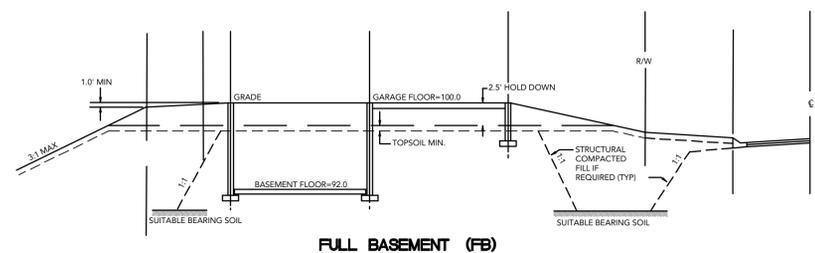
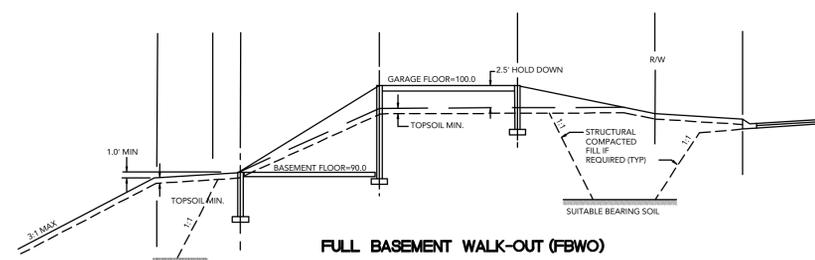
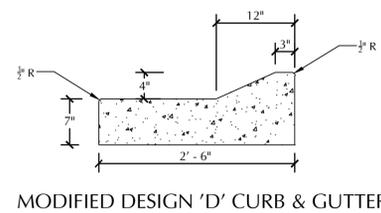
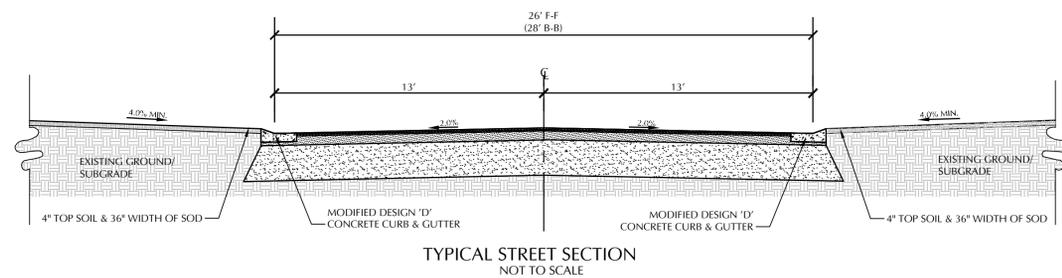
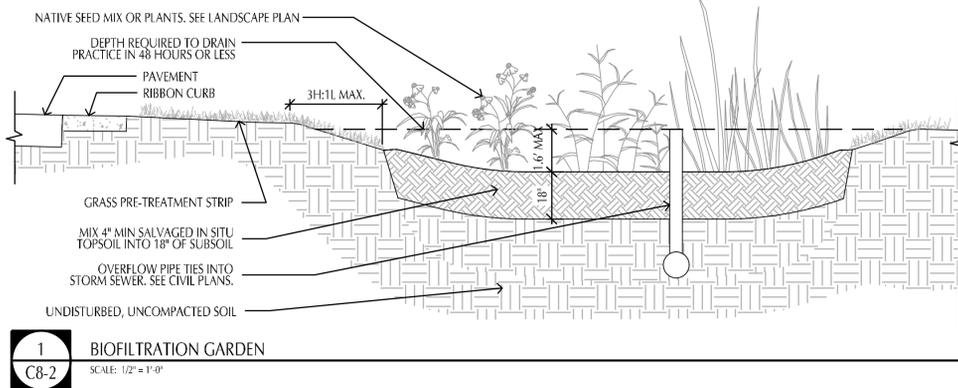
C8-3

76



- INFILTRATION BASIN GENERAL NOTES**
- IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE BMP DURING OR IMMEDIATELY FOLLOWING EXCAVATION, THIS MATERIAL SHALL BE REMOVED FROM THE PRACTICE PRIOR TO CONTINUING CONSTRUCTION.
 - GRADING OF BMP SHALL BE ACCOMPLISHED USING LOW-COMPACTATION EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF UNDERLYING SOILS. ALL CONSTRUCTION OF BMP SHOULD BE DONE FROM LOCATIONS OUTSIDE OF THE BMP TO REDUCE COMPACTION OF SOILS, IF POSSIBLE.
 - ALL SUB MATERIALS BELOW THE SPECIFIED BMP DEPTH (ELEVATION) SHALL BE UNDISTURBED, UNLESS OTHERWISE NOTED.
- CONSTRUCTION SEQUENCING**
- INSTALL SILT FENCE AND/OR OTHER APPROPRIATE TEMPORARY EROSION CONTROL DEVICES TO PREVENT SEDIMENT FROM LEAVING OR ENTERING THE PRACTICE DURING CONSTRUCTION.
 - PERFORM CONTINUOUS INSPECTIONS OF EROSION CONTROL PRACTICES.
 - INSTALL UTILITIES (WATER, SANITARY SEWER, ELECTRIC, PHONE, FIBER OPTIC, ETC) PRIOR TO SETTING FINAL GRADE OF BMP DEVICE.
 - ROUGH GRADE THE SITE. IF BMP AREAS ARE BEING USED AS TEMPORARY SEDIMENT BASINS LEAVE A MINIMUM OF 3 FEET OF COVER OVER THE PRACTICE TO PROTECT THE UNDERLYING SOILS FROM CLOGGING.
 - PERFORM ALL OTHER SITE IMPROVEMENTS, PLANT AND MULCH ALL AREAS AFTER DISTURBANCE.
 - CONSTRUCT BMP DEVICE UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA.
 - IMPLEMENT TEMPORARY AND PERMANENT EROSION CONTROL PRACTICES.
 - PLANT AND MULCH BMP DEVICE.
 - REMOVE TEMPORARY EROSION CONTROL DEVICES AFTER THE CONTRIBUTING DRAINAGE AREA IS ADEQUATELY VEGETATED.

- GENERAL NOTES**
- IN THE EVENT THAT SEDIMENT IS INTRODUCED INTO THE BMP DURING OR IMMEDIATELY FOLLOWING EXCAVATION, THIS MATERIAL SHALL BE REMOVED FROM THE PRACTICE PRIOR TO CONTINUING CONSTRUCTION.
 - GRADING OF BIORETENTION DEVICES SHALL BE ACCOMPLISHED USING LOW-COMPACTATION EARTH-MOVING EQUIPMENT TO PREVENT COMPACTION OF UNDERLYING SOILS. ALL CONSTRUCTION OF BIORETENTION DEVICES SHOULD BE DONE FROM LOCATIONS OUTSIDE OF THE BIORETENTION DEVICE TO REDUCE COMPACTION OF SOILS, IF POSSIBLE.
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Todd W. McLaughlin
Todd W. McLaughlin - PE

License No. 20383
Date 05/14/19

QUALITY CONTROL

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| Loucks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | KMM |
| Checked By | TWM |
| Review Date | 06/13/19 |

SHEET INDEX

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| C3-2 - C3-3 | SWPPP PLAN & NOTES |
| C4-1 | UTILITY PLAN |
| C4-2 - C4-3 | SAN SEWER & WM PLAN |
| C5-1 - C5-4 | ST & STM SEWER PLAN |
| C8-1 - C8-6 | CIVIL DETAILS |
| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

DETAILS
C8-4

Plotted: 06/13/2019 1:47 PM W:\2003\03128A\CADD DATA\CIVIL.dwg Sheet: Filter\C8-4.DETAILS

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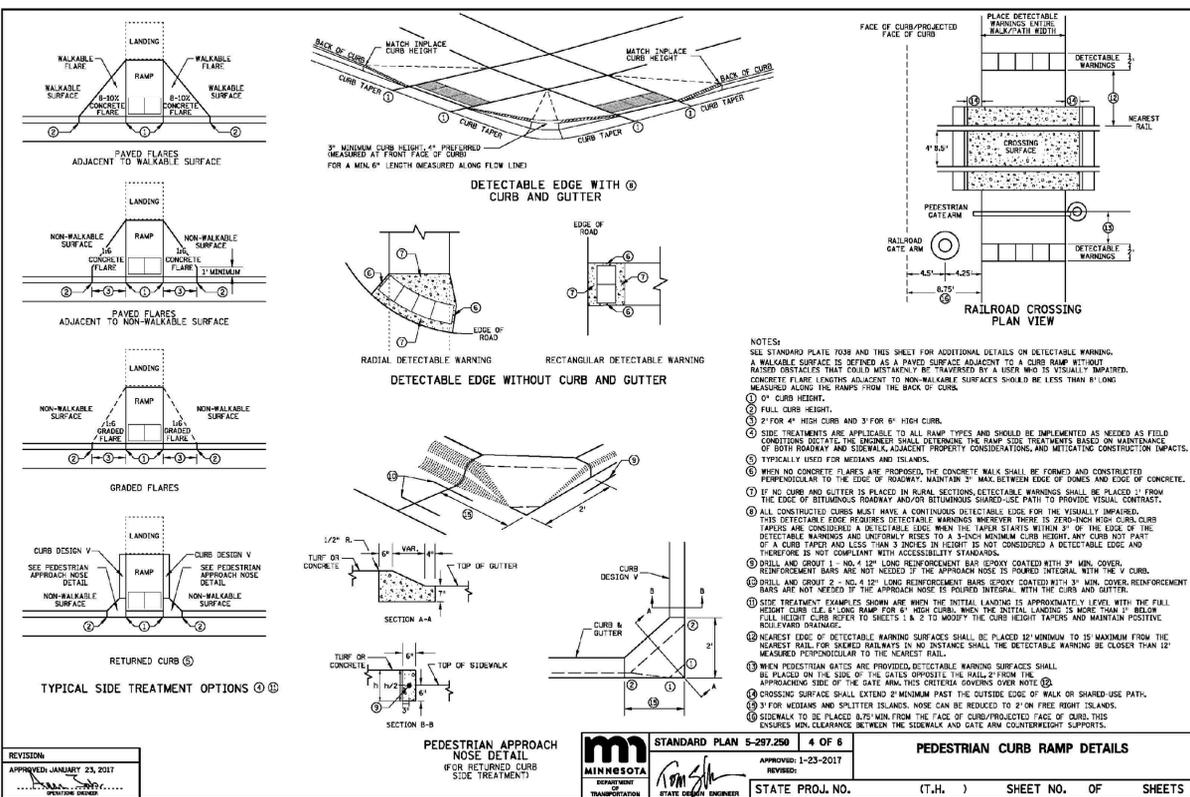
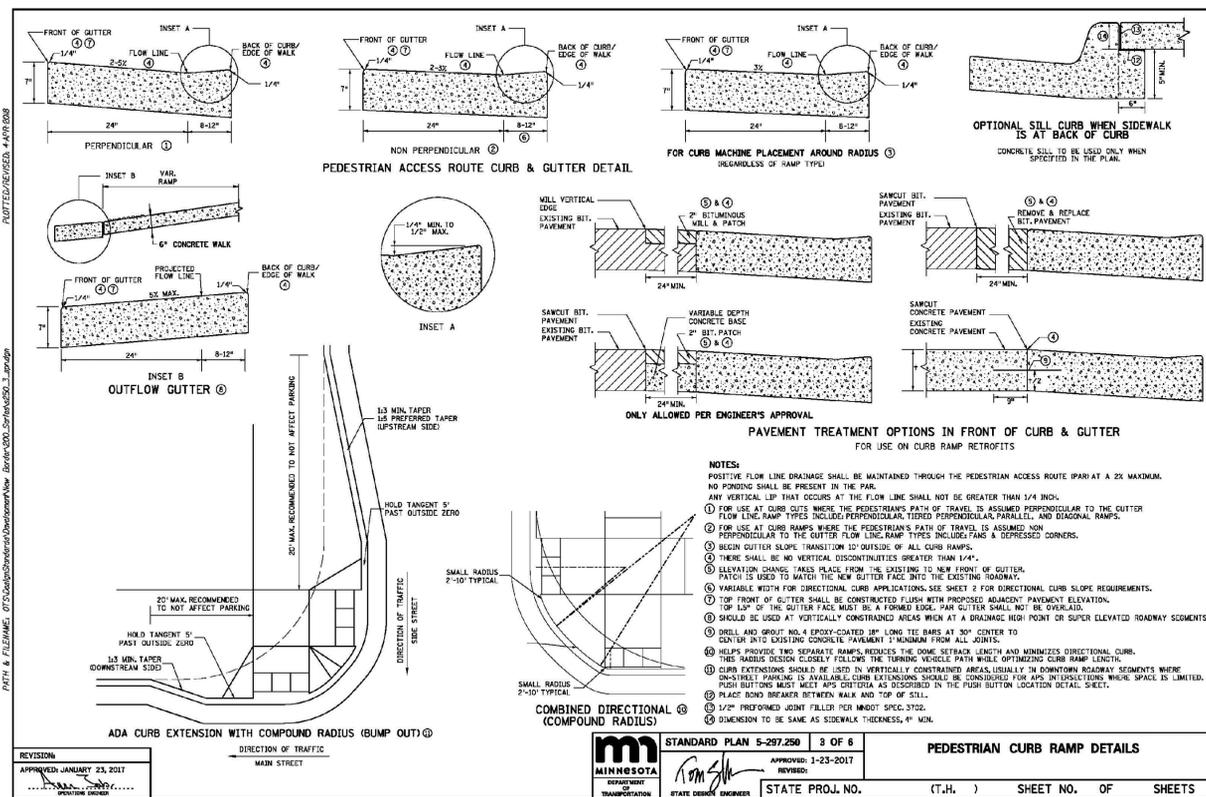
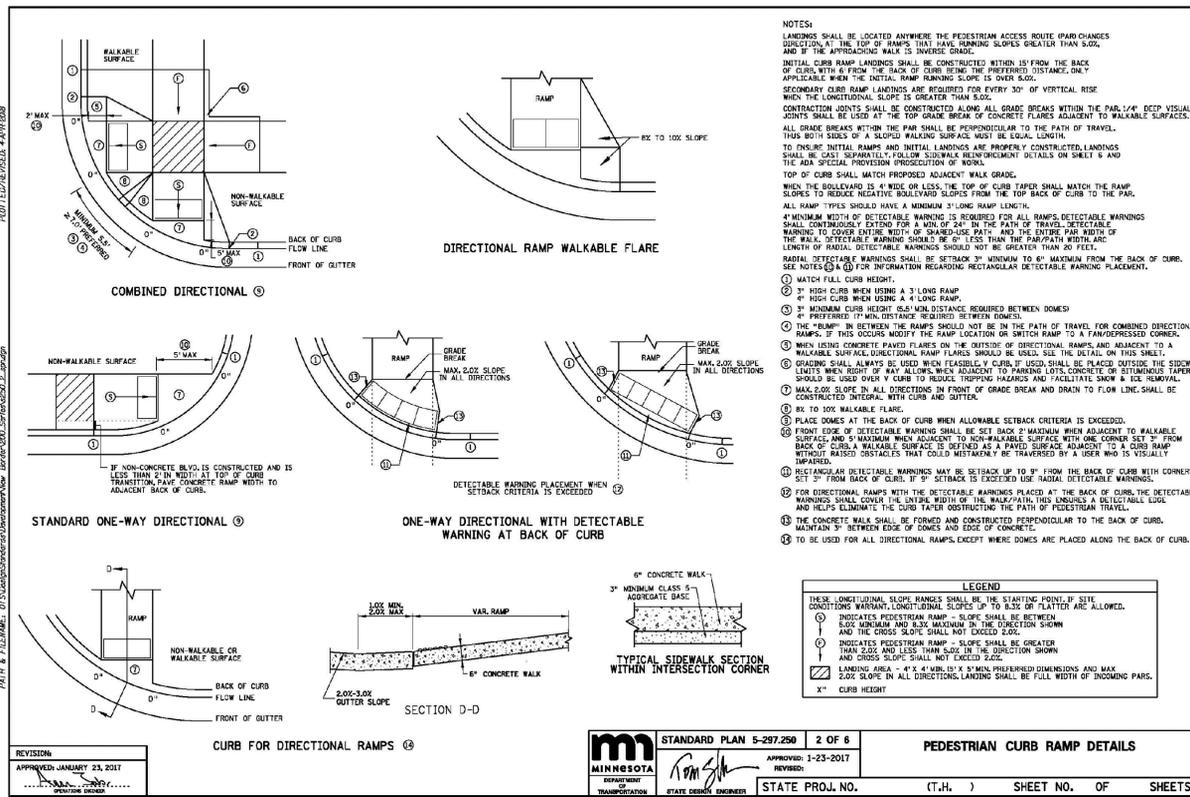
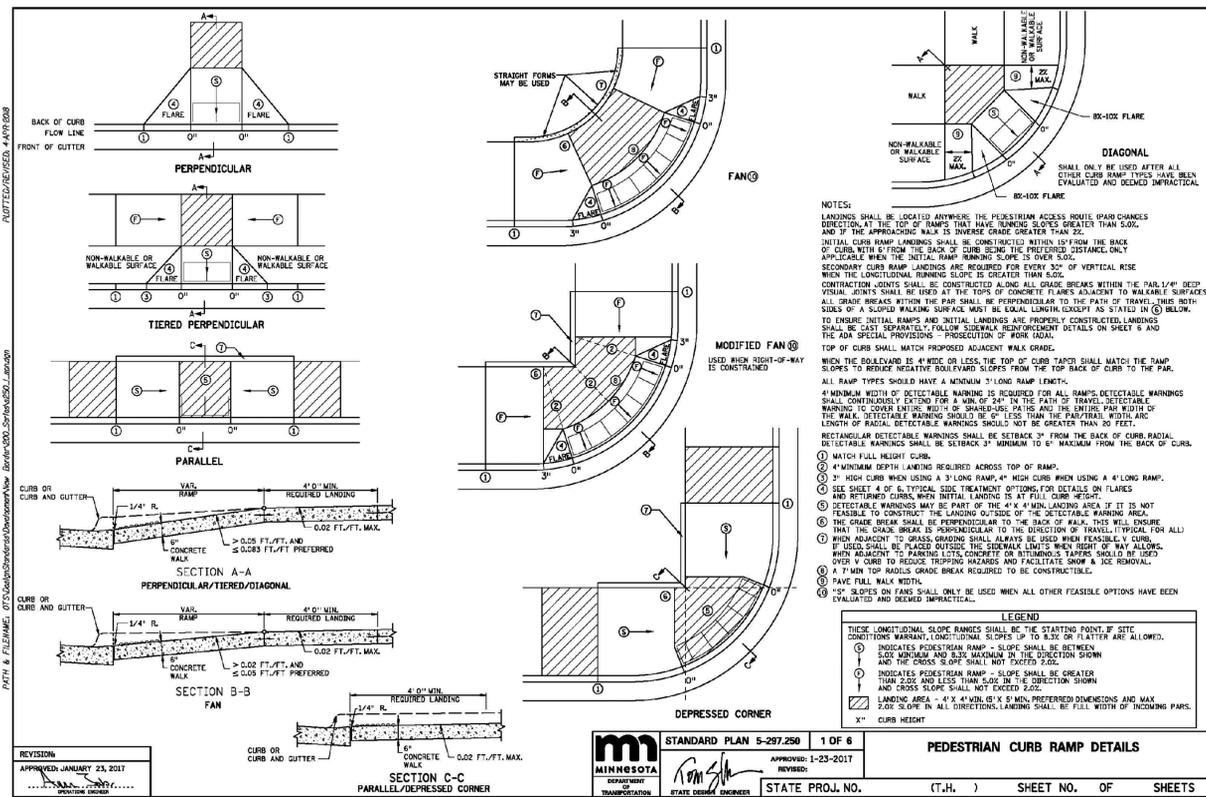
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Todd W. McLaughlin - PE
License No. 20383
Date 05/14/19

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| Project Lead | TMM |
| Drawn By | KMM |
| Checked By | TMM |
| Review Date | 06/13/19 |

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| C2-1 | SITE PLAN | KMM |
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| C3-2 | SWPPP PLAN & NOTES | TMM |
| C4-1 | UTILITY PLAN | TMM |
| C4-2 | C4-3 SAN SEWER & WM PLAN | TMM |
| C5-1 | C5-4 ST & STM SEWER PLAN | TMM |
| C8-1 | C8-6 CIVIL DETAILS | TMM |
| L1-1 | C8-5 LANDSCAPE PLAN | TMM |
| L2-1 | TREE INVENTORY | TMM |



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PEDESTRIAN CURB RAMP DETAILS

STANDARD PLAN 5-297.250 6 OF 6

APPROVED: JANUARY 23, 2017

REVISIONS:

DATE: 04-03-19
DRAWN BY: EBC
DATE: 05-15-19
REVISED BY: MMH

PROJECT NO. NAME: 12" IN-LINE DRAIN QUICK SPEC INSTALLATION DETAIL

DWG NO. 7803-110-023 SCALE: 1/8" = 1'-0" SHEET: 1 OF 1 REV: E

3131 VERONA AVE
BURNING WOOD, MN 55305
PH: (770) 832-2443
FAX: (770) 832-2489
www.nyloplast-us.com

PEDESTRIAN CURB RAMP DETAILS

STANDARD PLAN 5-297.250 5 OF 6

APPROVED: JANUARY 23, 2017

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NYLOPLAST 12" IN-LINE DRAIN: 2712AG __ X

(1) INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH BASIN O.D.

(2) 18" MIN WIDTH GUIDELINE

(3) 6" MIN THICKNESS GUIDELINE

TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS. SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION.

(4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE:
4" - 12" FOR CORRUGATED HOPE (ADS N-12/HANCOR DUAL WALL, HANCOR SINGLE WALL, N-12 HP, PVC SERRV (EX. 80R 50), PVC DWV (EX. 80H 40), PVC 3000/CX, CORRUGATED & RIBBED PVC (CORRUGATED HOPE SHOWN)

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS II, CLASS III, OR CLASS IV MATERIAL, AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 15-04-01, WITH THE EXCEPTION OF THE BRONZE GRATE.

2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 15-04-01.

3 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3035 FOR CORRUGATED HOPE (ADS N-12/HANCOR DUAL WALL, N-12 HP, & PVC SERRV).

4 - DIMENSIONS ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY.

5 - DIMENSIONS ARE IN INCHES.

6 - SEE DRAWING NO. 7001-110-079 FOR ADS N-12 & HANCOR DUAL WALL BELL INFORMATION & DRAWING NO. 7001-110-064 FOR N-12 HP BELL INFORMATION.

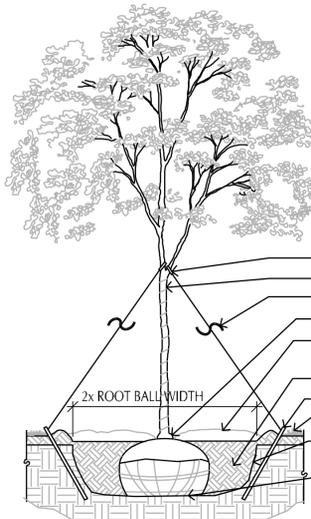
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DATE: 04-03-19
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FAX: (770) 832-2489
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THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL TREES IN A PLUMB POSITION THROUGH THE WARRANTY PERIOD. STAKING IS SUGGESTED, BUT NOT REQUIRED. ANY STAKING MUST CONFORM WITH PRACTICES AS DEFINED IN A.N.A. GUIDELINES FOR STANDARD PRACTICES.

PRUNE DAMAGED AND CROSSING BRANCHES AFTER PLANTING IS COMPLETE.

CUT BACK WIRE BASKET

WATER TREE THOROUGHLY DURING PLANTING OPERATIONS. PLACE BACKFILL IN 8-12" LIFTS AND SATURATE SOIL WITH WATER. DO NOT COMPACT MORE THAN NECESSARY TO MAINTAIN PLUMB.

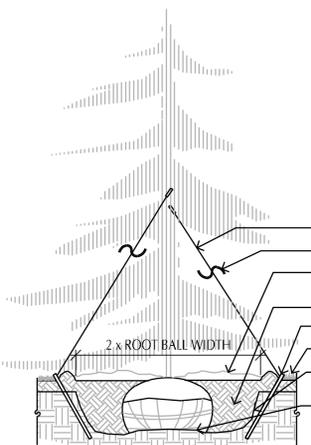
- 16"x2" POLYPROPYLENE OR POLYETHYLENE STRAP
- TREE WRAP TO FIRST BRANCH
- SAFETY FLAGGING - ONE PER WIRE
- ROOT FLARE EVEN WITH OR JUST ABOVE GRADE.
- MULCH - 4" DEEP. NO MULCH IN CONTACT WITH TRUNK - SEE NOTES OR SPECS.
- BACKFILL WITH IN SITU TOPSOIL
- WOOD STAKE (OPTIONAL)
- EDGE VARIES - SEE PLAN
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING
- SET PLANT ON UNDISTURBED NATIVE SOIL

CONTRACTOR IS RESPONSIBLE FOR TESTING PERCOLATION RATES PRIOR TO PLANTING. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF POOR DRAINAGE EXISTS.

1 DECIDUOUS TREE PLANTING DETAIL

L1-1 SCALE: 1/2" = 1'-0"

Deciduous Tree.DWG



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PRUNE ANY DAMAGED BRANCHES AFTER PLANTING IS COMPLETE.

WATER TREE THOROUGHLY DURING PLANTING OPERATIONS. PLACE BACKFILL IN 8-12" LIFTS AND SATURATE SOIL WITH WATER. DO NOT COMPACT MORE THAN NECESSARY TO MAINTAIN PLUMB.

- 16"x2" POLYPROPYLENE OR POLYETHYLENE STRAP
- SAFETY FLAGGING - ONE PER WIRE
- MULCH - 4" DEEP. SEE NOTES OR SPECS. MULCH MUST NOT BE IN CONTACT WITH TRUNK.
- BACKFILL WITH IN SITU TOPSOIL
- WOOD STAKE (OPTIONAL)
- EDGE VARIES - SEE PLAN
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING
- ROOT BALL SET ON UNDISTURBED SUBGRADE

CONTRACTOR IS RESPONSIBLE FOR TESTING PERCOLATION RATES PRIOR TO PLANTING. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF POOR DRAINAGE EXISTS.

2 CONIFEROUS TREE PLANTING DETAIL

L1-1 SCALE: 1/2" = 1'-0"

Coniferous Tree.DWG

GENERAL NOTES:

CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTING BID. HE SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF WORK.

VERIFY LAYOUT AND ANY DIMENSIONS SHOWN AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN AND/OR INTENT OF THE PROJECT'S LAYOUT.

ASSURE COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK OR MATERIALS SUPPLIED.

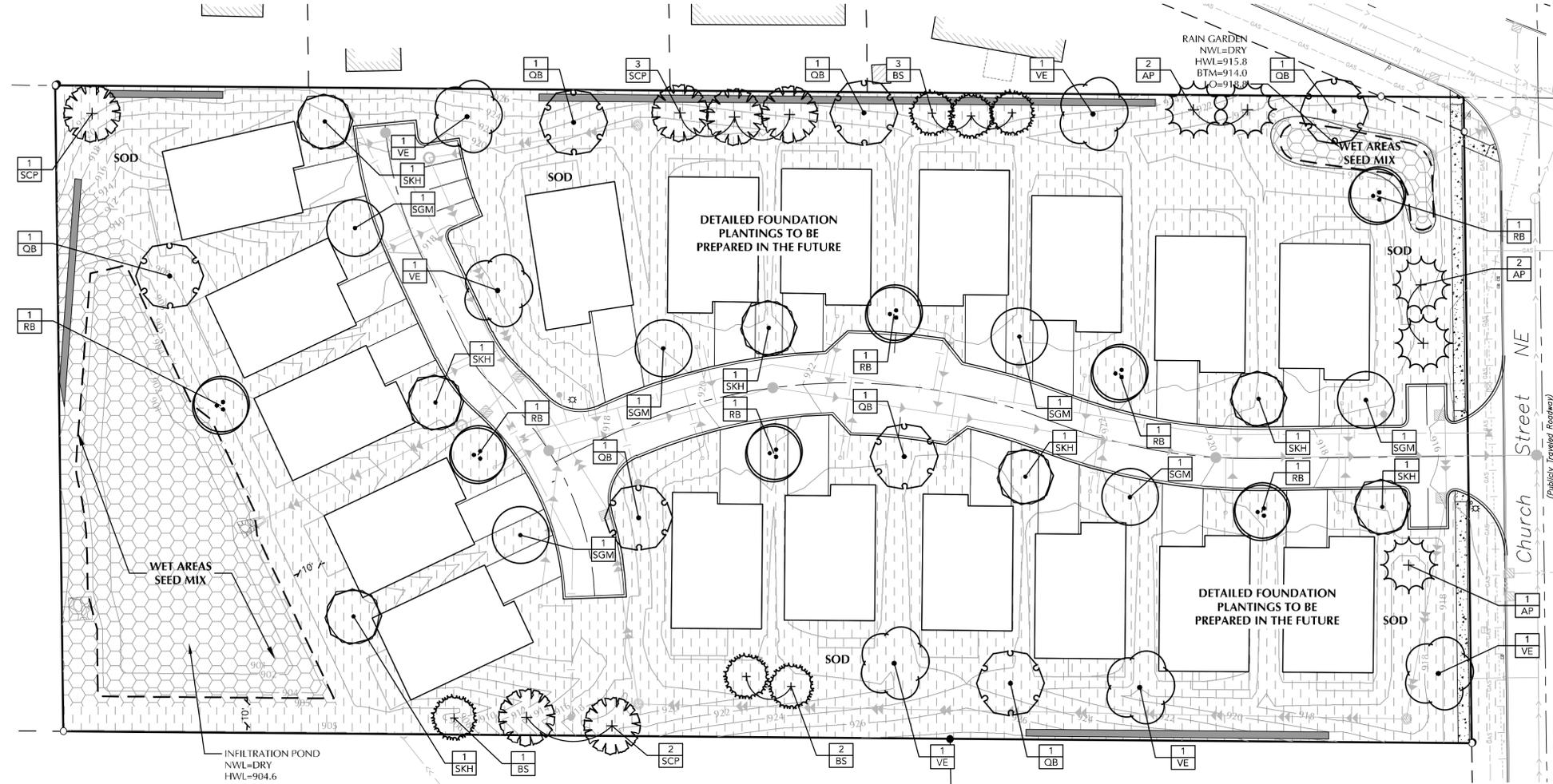
CONTRACTOR SHALL PROTECT ALL EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING PLANTING OPERATIONS. ANY DAMAGE TO SAME SHALL BE REPAIRED AT NO COST TO THE OWNER.

CONTRACTOR SHALL VERIFY ALIGNMENT AND LOCATION OF ALL UNDERGROUND AND ABOVE GRADE UTILITIES AND PROVIDE THE NECESSARY PROTECTION FOR SAME BEFORE CONSTRUCTION / MATERIAL INSTALLATION BEGINS (MINIMUM 10' - 0" CLEARANCE).

ALL UNDERGROUND UTILITIES SHALL BE LAID SO THAT TRENCHES DO NOT CUT THROUGH ROOT SYSTEMS OF ANY EXISTING TREES TO REMAIN.

EXISTING CONTOURS, TRAILS, VEGETATION, CURB/GUTTER AND OTHER EXISTING ELEMENTS BASED UPON INFORMATION SUPPLIED TO LANDSCAPE ARCHITECT BY OTHERS. CONTRACTOR SHALL VERIFY ANY AND ALL DISCREPANCIES PRIOR TO CONSTRUCTION AND NOTIFY LANDSCAPE ARCHITECT OF SAME.

THE ALIGNMENT AND GRADES OF THE PROPOSED WALKS, TRAILS AND/OR ROADWAYS ARE SUBJECT TO FIELD ADJUSTMENT REQUIRED TO CONFORM TO LOCALIZED TOPOGRAPHIC CONDITIONS AND TO MINIMIZE TREE REMOVAL AND GRADING. ANY CHANGE IN ALIGNMENT MUST BE APPROVED BY LANDSCAPE ARCHITECT.



LANDSCAPE INSTALLATION:

COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.

NO PLANTING WILL BE INSTALLED UNTIL COMPLETE GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.

WHERE SOD/SEED ABUTS PAVED SURFACES, FINISHED GRADE OF SOD/SEED SHALL BE HELD 1" BELOW SURFACE ELEVATION OF TRAIL, SLAB, CURB, ETC.

SEED ALL AREAS DISTURBED DUE TO GRADING OTHER THAN THOSE AREAS NOTED TO RECEIVE SOD. SEED SHALL BE INSTALLED AND MULCHED AS PER MNDOT SPECS.

SOD ALL DESIGNATED AREAS DISTURBED DUE TO GRADING. SOD SHALL BE LAID PARALLEL TO THE CONTOURS AND SHALL HAVE STAGGERED JOINTS. ON SLOPES STEEPER THAN 3:1 OR IN DRAINAGE SWALES, THE SOD SHALL BE STAKED TO THE GROUND.

ALL PLANT MATERIAL SHALL COMPLY WITH THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AMERICAN ASSOCIATION OF NURSERYMEN. UNLESS NOTED OTHERWISE, ALL SHRUBS SHALL HAVE AT LEAST 5 CANES AT THE SPECIFIED MINIMUM SHRUB HEIGHT OR WIDTH. ORNAMENTAL TREES SHALL HAVE NO V CROTCHES AND SHALL BEGIN BRANCHING NO LOWER THAN 3' ABOVE ROOT BALL. STREET AND BOULEVARD TREES SHALL BEGIN BRANCHING NO LOWER THAN 5' ABOVE FINISHED GRADE.

ANY CONIFEROUS TREE PREVIOUSLY PRUNED FOR CHRISTMAS TREE SALES SHALL NOT BE USED. ALL CONIFEROUS TREES SHALL BE FULL FORM, NATURAL TO THE SPECIES, WITHOUT TRUNING.

PLAN TAKES PRECEDENCE OVER PLANT SCHEDULE IF DISCREPANCIES IN QUANTITIES EXIST. SPECIFICATIONS TAKE PRECEDENCE OVER NOTES.

NO PLANT MATERIAL SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL IS REQUESTED OF THE LANDSCAPE ARCHITECT BY THE LANDSCAPE CONTRACTOR PRIOR TO THE SUBMISSION OF A BID AND/OR QUOTATION.

ALL PROPOSED PLANTS SHALL BE LOCATED AND STAKED AS SHOWN ON PLAN. ADJUSTMENTS IN LOCATION OF PROPOSED PLANT MATERIALS MAY BE NEEDED IN FIELD. SHOULD AN ADJUSTMENT BE ADVISED, THE LANDSCAPE ARCHITECT MUST BE NOTIFIED.

ALL PLANT MATERIALS SHALL BE FERTILIZED UPON INSTALLATION WITH A 27-3-3 SLOW RELEASE FERTILIZER MIXED IN WITH THE PLANTING SOIL PER THE MANUFACTURER'S INSTRUCTIONS. PLANTS MAY BE TREATED FOR SUMMER AND FALL INSTALLATION WITH AN APPLICATION OF GRANULAR 27-3-3 AT 6 OZ PER 2.5" CALIPER PER TREE AND 3 OZ PER SHRUB WITH AN ADDITIONAL APPLICATION OF 27-3-3 THE FOLLOWING SPRING IN THE TREE SAUCER.

ALL PLANTING AREAS RECEIVING PERENNIALS, GROUND COVER, ANNUALS, AND/OR VINES SHALL RECEIVE A MINIMUM OF 12" DEPTH OF PLANTING SOIL CONSISTING OF 5 PARTS CLEAN TOPSOIL AND 1 PART PEAT. SHRUBS AND TREES TO BE BACKFILLED WITH SAME PLANTING SOIL.

ALL PLANTS TO BE INSTALLED AS PER PLANTING DETAILS. REMOVE ALL FLAGGING AND LABELS FROM PLANTS.

WRAPPING MATERIAL SHALL BE CORRUGATED PVC PIPING 1" GREATER IN CALIPER THAN THE TREE BEING PROTECTED OR QUALITY, HEAVY, WATERPROOF CREPE PAPER MANUFACTURED FOR THIS PURPOSE. WRAP ALL DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO 12-1 AND REMOVE ALL WRAPPING AFTER 5-1.

BLACK POLY EDGER TO BE USED TO CONTAIN SHRUBS, PERENNIALS, AND ANNUALS WHERE BED MEETS SOD/SEED UNLESS NOTED OTHERWISE.

ALL ANNUAL AND PERENNIAL PLANTING BEDS TO RECEIVE 3" DEEP SHREDDED HARDWOOD MULCH WITH NO WEED BARRIER. ALL SHRUB BED MASSINGS TO RECEIVE 3" DEEP SHREDDED HARDWOOD MULCH AND FIBER MAT WEED BARRIER. ALL TREES TO RECEIVE 4" DEEP SHREDDED HARDWOOD MULCH WITH NO MULCH IN DIRECT CONTACT WITH TREE TRUNK.

SPREAD GRANULAR PRE EMERGENT HERBICIDE (GREEN OR EQUAL) PER MANUFACTURER'S RECOMMENDATIONS UNDER ALL MULCHED AREAS.

MAINTENANCE STRIPS TO HAVE EDGER AND MULCH AS SPECIFIED/INDICATED ON DRAWING OR IN SPECIFICATION.

IF THE LANDSCAPE CONTRACTOR IS CONCERNED OR PERCEIVES ANY DEFICIENCIES IN THE PLANT SELECTIONS, SOIL CONDITIONS OR ANY OTHER SITE CONDITION WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR GUARANTEE, HE MUST BRING THESE DEFICIENCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT AND/OR INSTALLATION.

CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR THE OWNER ACCEPTANCE INSPECTION OF ALL LANDSCAPE AND SITE IMPROVEMENTS.

CONTRACTOR IS RESPONSIBLE FOR ON-GOING MAINTENANCE OF ALL NEWLY INSTALLED MATERIALS UNTIL TIME OF OWNER ACCEPTANCE. ANY ACTS OF VANDALISM OR DAMAGE WHICH MAY OCCUR PRIOR TO OWNER ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PROVIDE THE OWNER WITH A MAINTENANCE PROGRAM INCLUDING, BUT NOT NECESSARILY LIMITED TO, PRUNING, FERTILIZATION AND DISEASE/PEST CONTROL.

CONTRACTOR SHALL GUARANTEE NEW PLANT MATERIAL THROUGH ONE CALENDAR YEAR FROM THE DATE OF OWNER ACCEPTANCE.

WARRANTY (ONE FULL GROWING SEASON) FOR LANDSCAPE MATERIALS SHALL BEGIN ON THE DATE OF ACCEPTANCE BY THE LANDSCAPE ARCHITECT AFTER THE COMPLETION OF PLANTING OF ALL LANDSCAPE MATERIALS. NO PARTIAL ACCEPTANCE WILL BE CONSIDERED.

UNLESS NOTED OTHERWISE THE APPROPRIATE DATES FOR SPRING PLANT MATERIAL INSTALLATION AND SEED/SOD PLACEMENT IS FROM THE TIME GROUND HAS THAWED TO JUNE 15.

FALL SODDING IS GENERALLY ACCEPTABLE FROM AUGUST 15 - NOVEMBER 1. FALL SEEDING FROM AUGUST 15 - SEPTEMBER 15; DORMANT SEEDING IN THE FALL SHALL NOT OCCUR PRIOR TO NOVEMBER 1. FALL CONIFEROUS PLANTING MAY OCCUR FROM AUGUST 15 - OCTOBER 1 AND DECIDUOUS PLANTING FROM THE FIRST FROST UNTIL NOVEMBER 15. PLANTING OUTSIDE THESE DATES IS NOT RECOMMENDED. ANY ADJUSTMENT MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.

PROTECT ALL EXISTING OAKS ON SITE SCHEDULED TO REMAIN. IF EXISTING OAKS ARE DAMAGED IN ANY MANNER, ABOVE OR BELOW GROUND IN THE ROOT SYSTEM, AN ASPHALTIC TREE PRUNING PAINT SHOULD BE APPLIED IMMEDIATELY AFTER WOUNDING. OAKS ARE NOT TO BE REMOVED, REMOVED OR TRANSPLANTED BETWEEN APRIL 15 AND JULY 1. NOTIFY LANDSCAPE ARCHITECT IF THESE DATES ARE UNAVOIDABLE.

LANDSCAPE CONTRACTOR SHALL ESTABLISH TO HIS SATISFACTION THAT SOIL AND COMPACTION CONDITIONS ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AT AND AROUND THE BUILDING SITE.

GROUND COVER NOTES:

- SOD
- WET AREAS SEED MIX
- MNDOT SEED MIX #33-261. APPLY AT 35 lbs/ac.

LANDSCAPE REQUIREMENTS:
TWO 2.5" CALIPER TREES REQUIRED PER DWELLING UNIT
18 DWELLING UNITS PROPOSED
36 TREES REQUIRED
50 TREES PROPOSED

| PLANT SCHEDULE | | | | | |
|-----------------|-----|------------------------------|---------------------------------|-------|----------|
| DECIDUOUS TREES | QTY | COMMON NAME | BOTANICAL NAME | CONT | SIZE |
| RB | 7 | RIVER BIRCH CLUMP | Betula nigra | B & B | 8' HGT |
| SGM | 6 | SIENNA GLEN MAPLE | Acer freemanii 'Sienna Glen' | B & B | 2.5" Cal |
| SKH | 7 | SKYLINE HONEYLOCUST | Gleditsia triacanthos 'Skycole' | B & B | 2.5" Cal |
| QB | 7 | SWAMP WHITE OAK | Quercus bicolor | B & B | 2.5" Cal |
| VE | 6 | VALLEY FORGE ELM | Ulmus americana 'Valley Forge' | B & B | 2.5" Cal |
| EVERGREEN TREES | QTY | COMMON NAME | BOTANICAL NAME | CONT | SIZE |
| AP | 5 | AUSTRIAN PINE FULL FORM | Pinus nigra | B & B | 6' HGT |
| BS | 6 | BLACK HILLS SPRUCE FULL FORM | Picea glauca 'Densata' | B & B | 6' HGT |
| SCP | 6 | SCOTCH PINE FULL FORM | Pinus sylvestris | B & B | 6' HGT |



RIVER TOWN VILLAS OF HANOVER

11218 CHURCH STREET NE
HANOVER, MN 55341

WITS REALTY

1010 W. LAKE STREET
SUITE 200
MINNEAPOLIS, MN 55408

LOUCKS

PLANNING
CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE
ENVIRONMENTAL

7200 Hemlock Lane, Suite 300
Maple Grove, MN 55369
763.424.5505
www.loucksinc.com

CADD QUALIFICATION

CADD files prepared by the Consultant for this project are the property of the Consultant and shall not be used for any other project. These CADD files shall not be used on other projects, in whole or in part, for any project, or for completion of this project by others without written approval by the Consultant. With the Consultant's approval, others may be permitted to obtain copies of the CADD drawing files for information and reference only. All intentional or unintentional revisions, additions, or deletions to these CADD files shall be made at the full risk of that party making such revisions, additions or deletions and that party shall hold harmless and indemnify the Consultant from any & all responsibilities, claims, and liabilities.

SUBMITTAL/REVISIONS

| | |
|----------|-----------------------|
| 02/22/19 | PRELIMINARY SUBMITTAL |
| 04/12/19 | LOT REVISIONS |
| 04/26/19 | CITY COMMENTS |
| 05/14/19 | BID SET |
| 06/13/19 | CITY COMMENTS |

PROFESSIONAL SIGNATURE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Landscape Architect under the laws of the State of Minnesota.

Timothy Tetz
Timothy Tetz
Landscape Architect
License No. 48303
Date 5/14/19

QUALITY CONTROL

| | |
|--------------------|---------|
| Loucks Project No. | 03128A |
| Project Lead | TWM |
| Drawn By | TJF |
| Checked By | TJF |
| Review Date | 6/13/19 |

SHEET INDEX

| | |
|------------|---------------------------------------|
| C1-0 | COVER SHEET |
| C1-1 | EXISTING CONDITIONS & DEMOLITION PLAN |
| C2-1 | SITE PLAN |
| C3-1 | GRADING PLAN |
| C3-2, C3-3 | SWPPP PLAN & NOTES |
| C4-1 | UTILITY PLAN |
| C4-2, C4-3 | SAN SEWER & WM PLAN |
| C5-1, C5-4 | ST & STM SEWER PLAN |
| C8-1, C8-6 | CIVIL DETAILS |
| L1-1 | LANDSCAPE PLAN |
| L2-1 | TREE INVENTORY |

LANDSCAPE PLAN

L1-1

Memorandum

To: *Cindy Nash – Hanover City Planner*

From: *Justin Messner, PE – Hanover City Engineer*

Cc: *Brian Hagen – Hanover City Administrator*
Todd McLouth, PE – Loucks, Inc.

Date: *June 21, 2019*

Re: *River Town Villas of Hanover Final Plat Submittal Review*
WSB Project No. 013676-000

As requested, we have reviewed the River Town Villas of Hanover final plat documents as prepared by Loucks Inc., last revised June 13, 2019 and have comments below;

Stormwater Management

General Comments

1. An operations and maintenance plan for the proposed stormwater management system should be included when design is completed. This comment is left to serve as a reminder.
2. A NPDES permit will need to be obtained prior to the start of construction. This comment is left to serve as a reminder.

Construction Plan Set

3. We recommend the developer define ownership and responsibility for future retaining wall maintenance. This comment is left to serve as a reminder.

Utility Plan Comments

4. The storm sewer pipe from CBMH #104 to CBMH #105 is shown between 6-8' from the western retaining wall and has bury depths between 5-15' in that range. This would need to be addressed if the City were to assume maintenance responsibilities.
5. The inlet pipe to STMH #100A is 24" RCP while the outlet pipe is 15" RCP. Structures cannot be used for rate control. Either upsize the outlet pipe or downsize the inlet pipe accordingly.
6. Based on the bury depth, use SDR 26 for the sanitary sewer pipe material between MHs #1-4.

7. There are trees planted within 10' of the storm sewer pipe between CB #109 and STMH #108 as well as STMH #108 and CBMH #102
8. CBMH #104 is shown as a 24" Nyloplast structure in the profile view and a 30" concrete structure in the storm sewer schedule.

Street Comments

9. Shift the four parking spaces at the south end of the development near Church Street approximately 6-7 feet to the north to take them out of the site distance triangles for the intersection as well as improve pedestrian safety.

Collaborative Planning, LLC

MEMORANDUM

To: Brian Hagen, City Administrator

From: Cindy Nash, City Planner

Date: June 27, 2019

Subj: Planning Review Comments – River Town Villas
Final Plat and Plans last revised June 13, 2019

I have reviewed the final plat and plans last revised June 13, 2019 and have the following comments:

1. Engineering comments will be included within a separate memo.
2. Addressing the comments contained in the City Planner and City Engineer staff memos may result in changes to or the removal of lots, outlots or easements.
3. The stormwater pond would be maintained by the City. City staff will need to review to ensure that acceptable access to maintain the pond is provided. This access shall be suitable to drive maintenance vehicles upon it, and shall be kept free of structures and landscaping.
4. The infiltration basin and rain garden shall be maintained by the HOA.
5. Retaining walls shall be maintained by the HOA.
6. It is our understanding that additional revisions are occurring to the building plans/footprint. Please note that following approval of the plans, these building plans will be required to fit into the lots while meeting the terms/conditions of the PUD, setback requirements, and other conditions.
7. A foundation and final grading as-built for each home will be required as a condition of approval of the plat.
8. Deeds for conveyance of the stormwater outlots to the City shall be coordinated with final plat recording.

9. HOA documents will need to be recorded at the same time as the final plat. Please submit documents for review.

cc: Justin Messner, WSB

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by _____ and seconded by _____.



RESOLUTION NO 07-02-19-57

**A RESOLUTION APPROVING A FINAL PLAT FOR A PROJECT KNOWN AS
RIVER TOWN VILLAS OF HANOVER**

WHEREAS, Wits Realty, LLC (“Developer”) is the applicant for an application related to property legally described as follows:

The South 656.60 feet of the East 284.93 feet of the Northwest Quarter of the Southwest Quarter of Section 36, Township 120, Range 24, except the South 33 feet, Wright County, Minnesota.
(the “Subject Property”); and

WHEREAS, the property is zoned R-1, with a Planned Unit Development; and

WHEREAS, the Developer has requested a final plat so as to allow the Developer to plat the Subject Property into various lots as shown on a final plat for a development entitled River Town Villas of Hanover, the most recent revision of said preliminary and final plat and plans prepared by Loucks, Inc. and last updated June 13, 2019 (unless noted differently below) and containing the following sheets:

1. Final Plat for River Town Villas of Hanover
2. C1-0 Cover Sheet
3. C1-1 Existing Conditions & Demolition Plan
4. C2-1 Site Plan
5. C3-1 Grading Plan
6. C3-2 – C3-3 SWPP Plan and Notes
7. C4-1 Utility Plan
8. C4-2 – C4-3 Sanitary Sewer and WM Plan
9. C5-1 – C5-4 Street and Storm Sewer Profiles
10. C8-1 – C8-6 Civil Details
11. L1-1 Landscape Plan
12. L2-1 Tree Inventory

(the “Site Plans”); and

WHEREAS, the application was reviewed by the Planning Commission at its meeting on May 22, 2019. The Planning Commission recommended approval of the request; and

NOW, THEREFORE, BE IT RESOLVED that the City Council hereby approves the application for a Final Plat subject to the following conditions:

1. Villas are the permitted use on Lots 1 – 18, Block 1.
2. Ownership and maintenance of the outlots and Lot 19 shall be addressed in a manner satisfactory to the City.
3. All comments contained within the memo from WSB dated June 21, 2019 and the memo from Collaborative Planning dated June 27, 2019 are incorporated herein (collectively referred to as the “Staff Memos”).
4. The Subject Property shall be constructed in substantial compliance with the Site Plans as revised to conform to the requirements of the Staff Memos.
5. No construction shall be permitted on the Subject Property until updated Site Plans addressing the comments of the Staff Memos and the conditions of this Resolution are provided for review and approval by the City Engineer and City Planner. Following approval by the City Engineer and City Planner, these plans shall collectively be known as the “Approved Construction Plans”.
6. If the updated Site Plans addressing the comments of the resolutions, Staff Memos, or outside agencies necessitate revisions to any of the lot lines or easements on the Subject Property, then the Final Plat shall be revised by the Developer and submitted for amended approval by the City Council. If an off-site easement is required to address a comment, then a separate easement document shall be provided to the City for review and approval prior to release of the Final Plat for recording.
7. To the extent that there are differences or conflicts between the Approved Construction Plans and this resolution, the terms of this resolution shall be controlling.
8. The timing of the construction of the infrastructure improvements on the Subject Property will be subject to the conditions of a Developer’s Agreement between the City and the Developer, and City staff is authorized to negotiate such Developers Agreement.
9. Prior to the release of the Final Plat for recording, a Developer’s Agreement must be entered into which Agreement(s) will include, but not be limited to, the following:
 - a. PUD details and information.
 - b. Street and utility construction details, processes, plans and financial guaranties.
 - c. Park dedication requirements.
 - d. All required approvals from other governmental agencies.
 - e. Final grading and drainage plans.
 - f. Maintenance requirements during construction.
 - g. Landscaping plans.

10. The approval of the Final Plat shall terminate if a Developer's Agreement has not been entered into between the City and Developer by September 30, 2019.
11. The approval of the Final Plat shall terminate unless all conditions of this resolution are completed and the Final Plat is recorded no later than September 30, 2019.
12. A title commitment shall be provided for the review of the City Attorney before the plat is released for recording.
13. Financial security in a form approved by the City Attorney and in an amount approved by the City Engineer must be provided by the Developer prior to release of the final plat for recording. The Developer's Agreement shall specify the amount of the financial security.
14. The Developer must reimburse the City for all costs incurred by the City and its consultants in relation to review of the proposed development plans as well as the preparation of the Developer's Agreement.
15. Any new utility lines installed to serve the Subject Property are required to be placed underground.
16. The Developer shall be responsible for securing necessary easements and for constructing all streets, utility, trail, stormwater, and other improvements shown on the Approved Construction Plans at their own expense. However, to the extent that such utilities are oversized at the request of the City, the City shall reimburse the Developer for the cost of the extra diameter of the pipe. All reimbursements by the City under this paragraph are subject to the submittal by the Developer of the engineer's estimate and other supporting information as requested by the City. The engineer's estimate will be reviewed by the City to verify that the costs requested for reimbursement are reasonable at the sole determination of the City, and the amount determined by the City to be eligible for reimbursement shall be included within the Developers Agreement.
17. The Developer shall be responsible for obtaining and complying with all necessary permits from the Wright County Soil and Water Conservation District, Minnesota Department of Health, DNR, MPCA, and any other governmental agencies prior to commencement of development activities on the site.
18. The Developer shall incorporate the standards and procedures of the Best Management Practices Handbook for site restoration and erosion control measures during the construction process.
19. The Developer must submit details on corrected building pads including compaction tests, limits of the pads and elevations of the excavations. The general soils report for the development must also be submitted to the City Engineer for review and approval prior to the issuance of building permits.

20. The Developer shall submit foundation and final grading as-builts for each lot at the time required by city staff.
21. Homeowners association documents shall be provided for the review of the City Attorney before the final plat is released for recording.
22. Retaining walls are not permitted to be in any outlots that will be owned by the City. In the event retaining walls are shown within any drainage and utility easements, they must be owned and maintained by either the property owner or the HOA.
23. Park dedication, sanitary sewer trunk, water trunk, storm sewer trunk and storm warning siren fees shall be paid prior to release of the final plat for recording as per the City fee schedule in effect at the time of the execution of the Developer's Agreement.
24. The Developer shall survey all storm water holding ponds (if any are constructed) as required by the City. The Developer shall be responsible for storm sewer cleaning and holding pond dredging, as required, by the City prior to completion of the development of the Subject Property.
25. Additional conditions as determined necessary by the City Planner, City Engineer, and City Attorney as review of the project progresses and is completed.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July, 2019.

APPROVED BY:

Chris Kauffman, Mayor

ATTEST:

Brian Hagen, City Administrator

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by _____ and seconded by _____.



RESOLUTION NO 07-02-19-58

A RESOLUTION APPROVING A SITE PLAN FOR ASTRO ENGINEERING

WHEREAS, Astro Engineering (“Developer”) is the applicant for an application related to property shown on the site plan attached hereto as Exhibit A; and

WHEREAS, the property is zoned I-3, Industrial; and

WHEREAS, the Developer has applied for a Site Plan to construct a warehouse building on the Subject Property; and

WHEREAS, the Planning Commission reviewed the plans at its meeting on June 24, 2019. The Planning Commission recommended approval of the request; and

NOW, THEREFORE, BE IT RESOLVED, that the City Council does hereby make the following findings of fact:

1. The proposed site plan is generally in conformance with the City Zoning Ordinance and other regulations, subject to conditions that need to be addressed as included herein and discussed more fully in the staff report and engineer memo.

BE IT FURTHER RESOLVED that the City Council hereby approves the application for a site plan subject to the following conditions:

1. Comments included in the letter from the City Engineer dated June 24, 2019 shall be addressed.
2. Development of the site must be in substantial conformance with the site plans prepared by Otto and Associates dated June 20, 2019, as modified by addressing the comments in the City Engineers Memo and the conditions contained in the approval resolution.
3. The northeastern portion of the parking lot shall be paved.

4. A wetland buffer 30 feet from the wetland shall be maintained. The applicant shall coordinate with the City Engineer to review the existing vegetation and may determine that either the existing vegetation meets the conditions of the buffer under ordinance or that it will need to be seeded in a vegetation mix to be approved by the City Engineer. Wetland buffer signs shall be installed as per the City Engineers specs along the eastern edge of the wetland buffer.
5. Small utility service (electric, phone, etc.) to the building shall be underground.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July, 2019.

APPROVED BY:

Chris Kauffman, Mayor

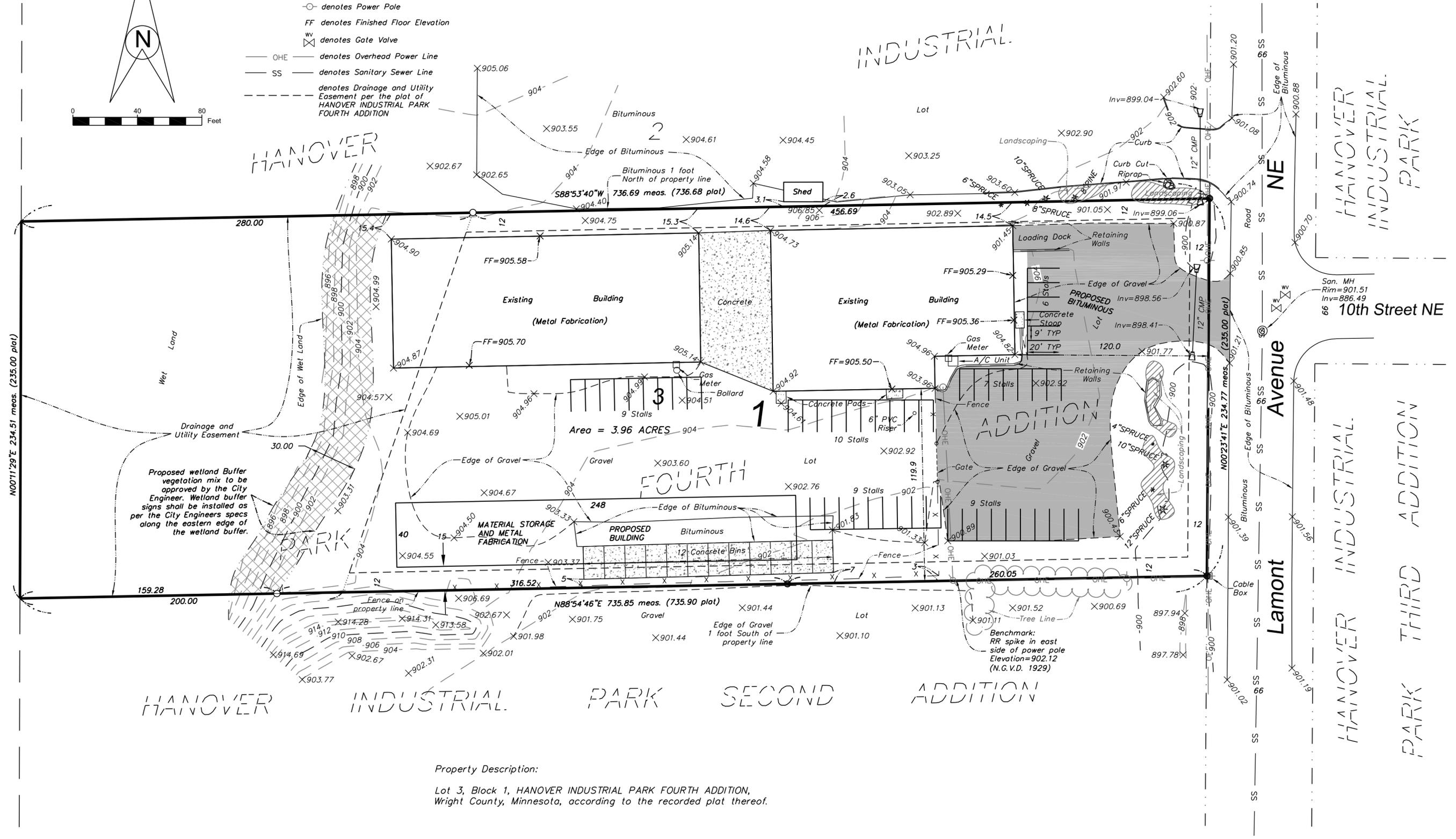
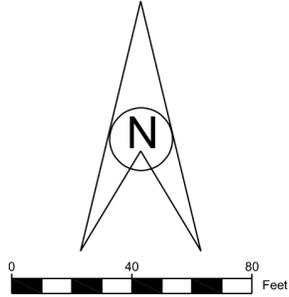
ATTEST:

Brian Hagen, City Administrator

Certificate of Survey and Topographic Survey

LEGEND

- 902 — denotes Existing Contour
- 902.00X denotes Existing Spot Elevation
- denotes Power Pole
- FF denotes Finished Floor Elevation
- ⊗ denotes Gate Valve
- OHE — denotes Overhead Power Line
- SS — denotes Sanitary Sewer Line
- - - denotes Drainage and Utility Easement per the plat of HANOVER INDUSTRIAL PARK FOURTH ADDITION



Property Description:
 Lot 3, Block 1, HANOVER INDUSTRIAL PARK FOURTH ADDITION,
 Wright County, Minnesota, according to the recorded plat thereof.

Certificate of Survey and Topographic Survey
 on Lot 3, Block 1, HANOVER INDUSTRIAL PARK
 FOURTH ADDITION, Wright County, Minnesota.

I hereby certify that this survey, plan, or
 report was prepared by me or under my
 direct supervision and that I am a duly
 Licensed Land Surveyor under the laws
 of the State of Minnesota.

Requested By:
Astro Engineering & Manufacturing

Revised:
 5-6-2019 proposed Building / Parking D.J.S.
 6-7-2019 modified proposed Building D.J.S.
 6-20-2019 modified proposed Building / Bituminous D.J.S

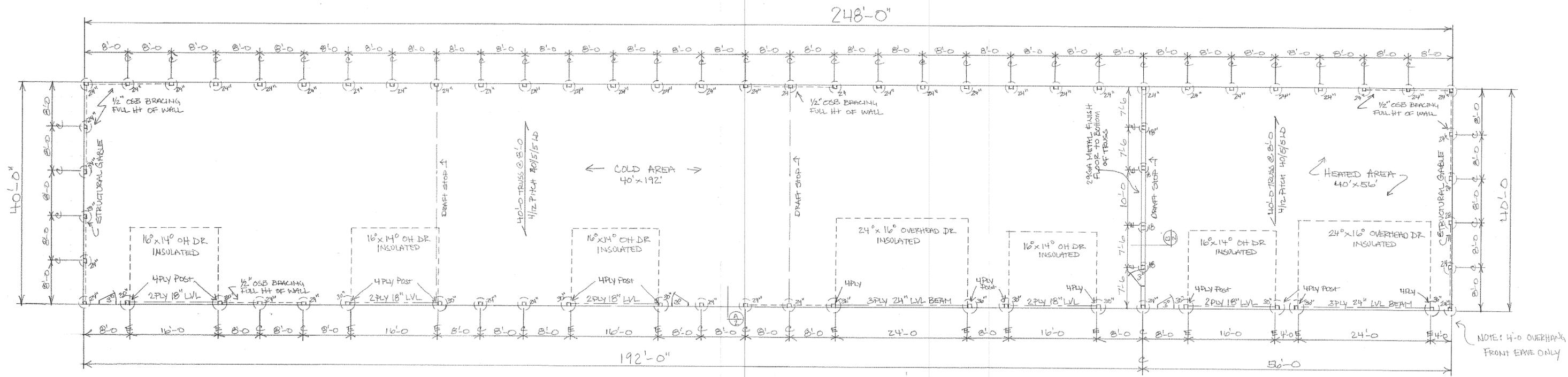
Paul E. Otto
 Paul E. Otto
 License #40062 Date: 6-20-19

Date: 10-15-15
 Drawn By: T.J.B.
 Scale: 1"=40'
 Checked By: P.E.O.

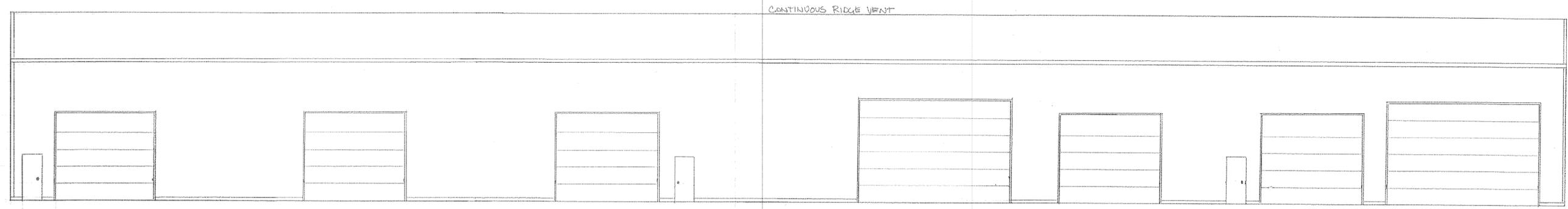
OTTO ASSOCIATES
 Engineers & Land Surveyors, Inc.
 www.ottoassociates.com
 9 West Division Street
 Buffalo, MN 55313
 (763)682-4727
 Fax: (763)682-3522

- denotes iron monument found
- denotes 1/2 inch by 14 inch iron pipe set and marked by License #40062

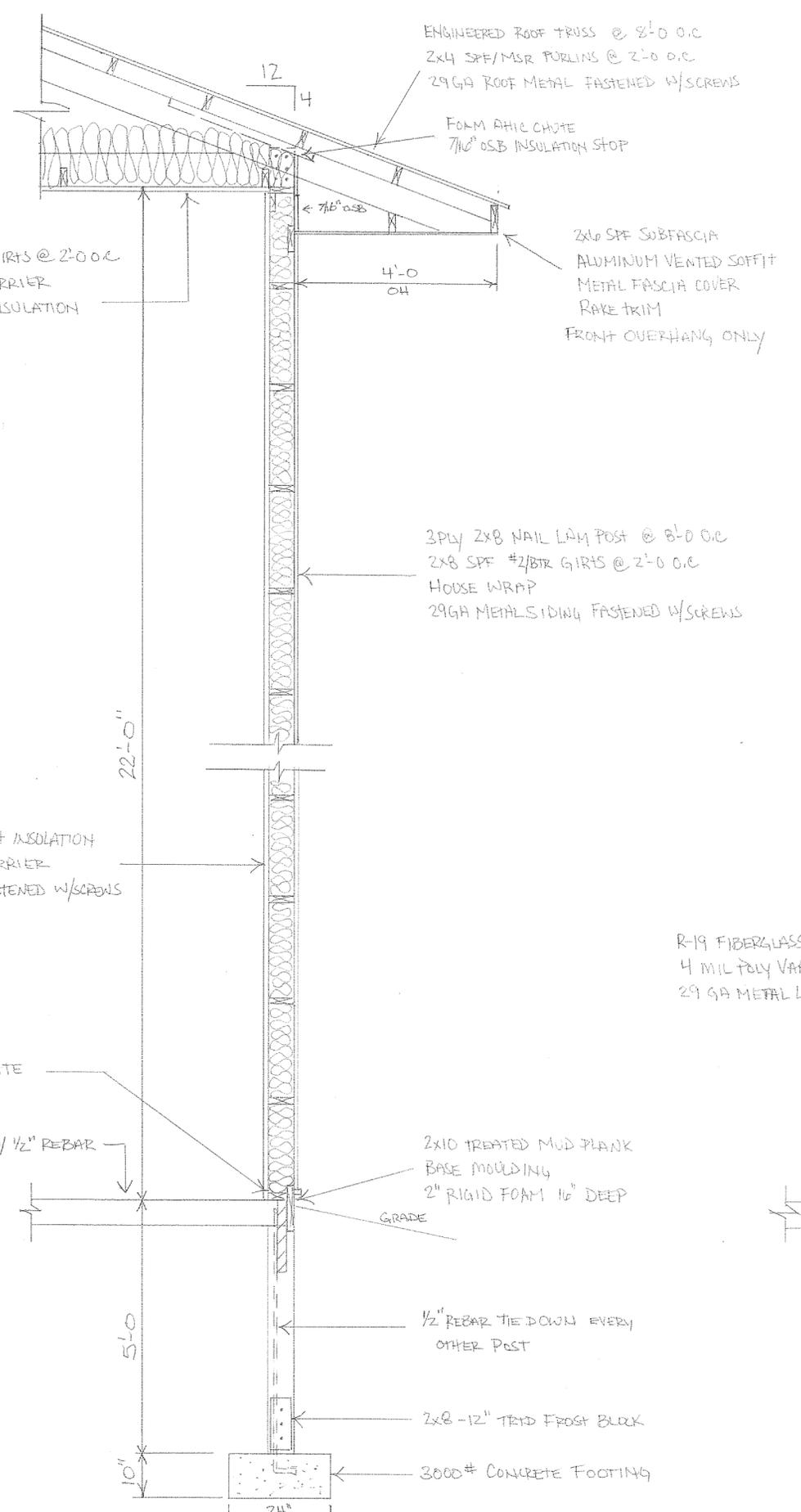
Project No. 15-0468



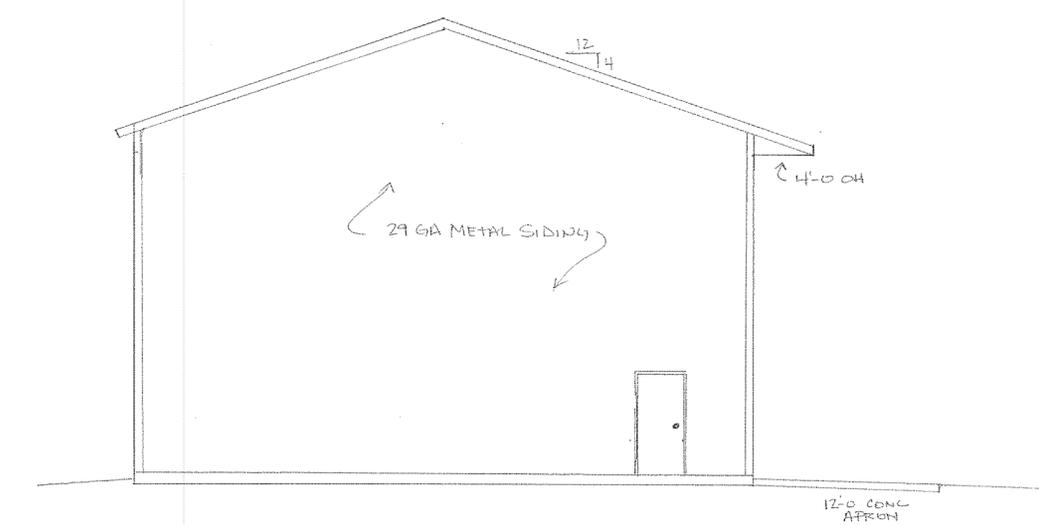
LAYOUT PLAN
3/32" SCALE = 1'-0"



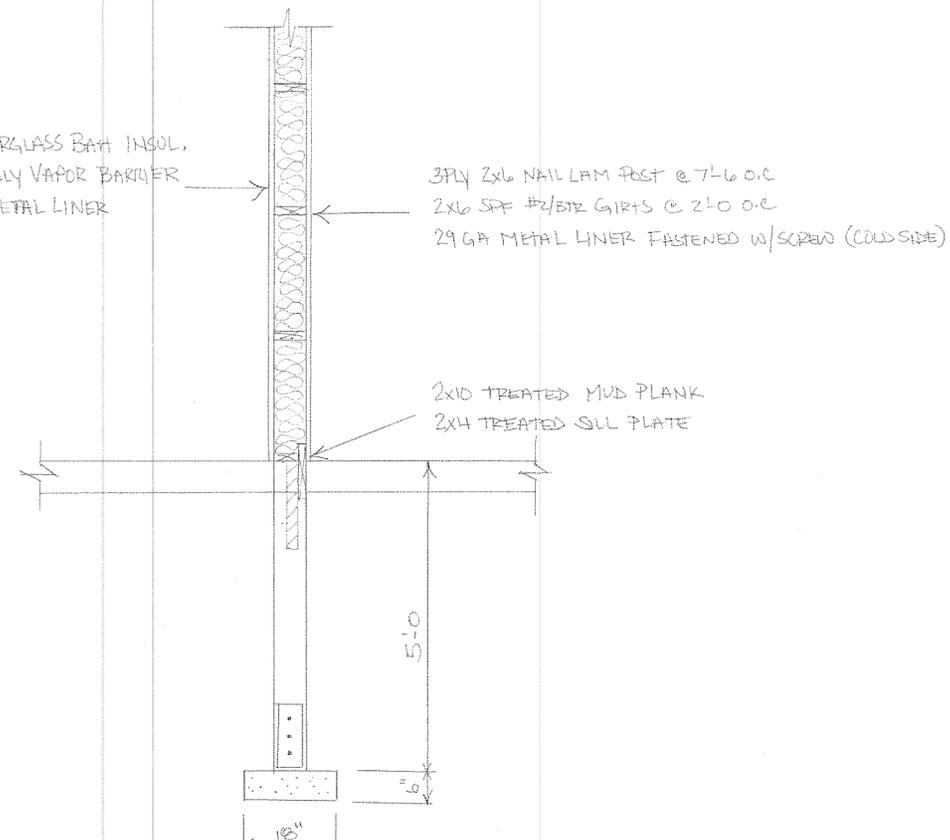
FRONT ELEVATION
3/32" SCALE = 1'-0"



A
2
EXT. WALL SECTION
1/2" SCALE = 1'-0"



SIDE ELEVATION
1/8" SCALE = 1'-0"



B
2
INT WALL SECTION
1/2" SCALE = 1'-0"

Collaborative Planning, LLC

Memorandum

Date: June 26, 2019
To: Honorable Mayor and Council
From: Cindy Nash, City Planner
RE: Astro Engineering – Site Plan

An application has been received for a site plan to add an additional building to the lot. A copy of the site plan and architectural plans are included in your packets.

The property is zoned I-3 Industrial. The property is near the intersection of Lamont Ave NE and 10th St NE and consists of approximately 3.97 acres.



There is a portion of a large wetland on the western side of the property. This wetland is extensive and there is no wetland delineation for it. There is, however, a drainage and utility easement that is recorded for the wetland. A portion of an existing building encroaches within that easement. The proposed new building will be outside of the drainage and utility easement. As shown on the aerial photo, there is not a vegetated wetland buffer that is being maintained separate and distinct from the gravel parking area.

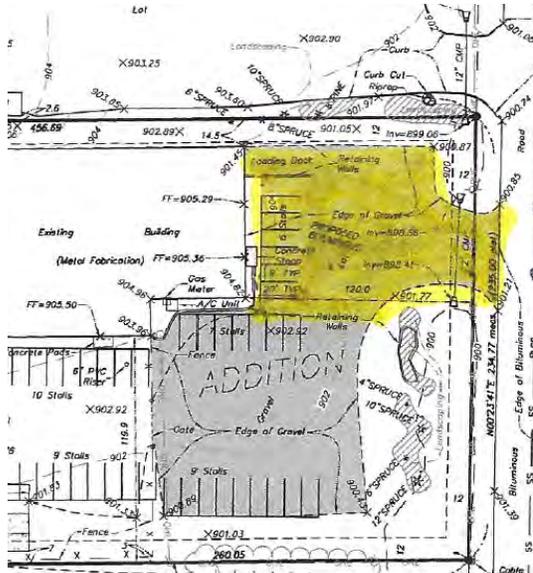
The existing buildings on the site are metal, and there is an existing gravel parking lot. A fence separates the front of the site from the rear of the site as shown in the aerial photo below.



Parking requirements are based on the existing and proposed uses of manufacturing, office and warehouse. A total of 43 spaces are required, and the plans identify 50 spaces available. None of the site is currently paved. Section 10.39.A of the ordinance requires parking areas to be asphalt, concrete, or a reasonable substitute surface as approved by the City Engineer. There are other requirements as well related to landscape islands, distance from buildings and other design features that are not currently being met on this site.

Due to the site not meeting ordinance requirements related to wetland buffers and parking, the use of the site is non-conforming which would preclude expansion (Section 10.15). It is recommended that expansion be permitted subject to the site plan being amended to include the following which would bring the site into greater compliance with the Zoning Ordinance:

1. Pave a portion of the site. The original staff recommendation was to show the area to the east of the gate/front building to be paved. The Planning Commission recommended a smaller area as shown in yellow on the following page:



2. Show a wetland buffer 30 feet from the wetland that will be seeded in a vegetation mix to be approved by the City Engineer. Wetland buffer signs shall be installed as per the City Engineers specs along the eastern edge of the wetland buffer.

The City Engineer had additional comments that will need to be addressed prior to the issuance of a building permit.

Recommendation

It is recommended that the site plan be approved subject to the following conditions:

1. Comments included in the letter from the City Engineer dated June 24, 2019 shall be addressed.
2. Development of the site must be in substantial conformance with the site plans prepared by Otto and Associates dated June 20, 2019, as modified by addressing the comments in the City Engineers Memo and the conditions contained in the approval resolution.
3. The northeastern portion of the parking lot shall be paved.
4. A wetland buffer 30 feet from the wetland shall be maintained. The applicant shall coordinate with the City Engineer to review the existing vegetation and may determine that either the existing vegetation meets the conditions of the buffer under ordinance or that it will need to be seeded in a vegetation mix to be approved by the City Engineer. Wetland buffer signs shall be installed as per the City Engineers specs along the eastern edge of the wetland buffer.
5. Small utility service (electric, phone, etc.) to the building shall be underground.

Memorandum

To: *Cindy Nash – Hanover City Planner*

From: *Justin Messner, PE – Hanover City Engineer*

Cc: *Brian Hagen – Hanover City Administrator*

Date: *June 24, 2019*

Re: *Astro Engineering & Manufacturing – Site Plan Review*

As requested, we have reviewed the Astro Engineering & Manufacturing site plan drawings as prepared by Otto Associates Engineers & Land Surveyors, Inc., dated June 20, 2019 and have the following comments:

1. The finished floor elevation (FFE) of the proposed building is not shown. It is anticipated that the FFE of the proposed building will be consistent with the surrounding grades.
2. Proposed grading is not shown. The grading adjacent to the proposed building must be contained within the subject property and cannot adversely impact the adjacent property to the south.
3. The drawings show a portion of the proposed building will be heated but they do not show a connection to sewer and water utilities. Should the proposed building be connected to public sewer and water a SAC/WAC calculation would apply.

Collaborative Planning, LLC

Memorandum

Date: June 18, 2019
To: Planning Commission
From: Cindy Nash, City Planner
RE: Astro Engineering – Site Plan

An application has been received for a site plan to add an additional building to the lot. A copy of the site plan and architectural plans are included in your packets.

The property is zoned I-3 Industrial. The property is near the intersection of Lamont Ave NE and 10th St NE and consists of approximately 3.97 acres.



There is a portion of a large wetland on the western side of the property. This wetland is extensive and there is no wetland delineation for it. There is, however, a drainage and utility easement that is recorded for the wetland. A portion of an existing building encroaches within that easement. The proposed new building will be outside of the drainage and utility easement. As shown on the aerial photo, there is not a vegetated wetland buffer that is being maintained separate and distinct from the gravel parking area.

The existing buildings on the site are metal, and there is an existing gravel parking lot. A fence separates the front of the site from the rear of the site as shown in the aerial photo below.



Parking requirements are based on the existing and proposed uses of manufacturing, office and warehouse. A total of 40 spaces are required, and the plans identify 41 spaces available. None of the site is currently paved. Section 10.39.A of the ordinance requires parking areas to be asphalt, concrete, or a reasonable substitute surface as approved by the City Engineer. There are other requirements as well related to landscape islands, distance from buildings and other design features that are not currently being met on this site.

Due to the site not meeting ordinance requirements related to wetland buffers and parking, the use of the site is non-conforming which would preclude expansion (Section 10.15). It is recommended that expansion be permitted subject to the site plan being amended to include the following which would bring the site into greater compliance with the Zoning Ordinance:

1. Show the area to the east of the gate/front building to be paved.
2. Show a wetland buffer 30 feet from the wetland that will be seeded in a vegetation mix to be approved by the City Engineer. Wetland buffer signs shall be installed as per the City Engineers specs along the eastern edge of the wetland buffer.

The City Engineer is reviewing the plans and comments will be provided at the meeting.

Recommendation

It is recommended that the site plan be approved subject to the following conditions:

1. Comments included in the letter from the City Engineer dated _____ shall be addressed (*if the Engineer has any comments prior to the meeting*).
2. Development of the site must be in substantial conformance with the site plans prepared by Otto and Associates dated _____, 2019, as modified by addressing the comments in the City Engineers Memo and the conditions contained in the approval resolution.
3. Show the area to the east of the gate/front building to be paved.
4. Show a wetland buffer 30 feet from the wetland that will be seeded in a vegetation mix to be approved by the City Engineer. Wetland buffer signs shall be installed as per the City Engineers specs along the eastern edge of the wetland buffer.
5. Small utility service (electric, phone, etc.) to the building shall be underground.

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by _____ and seconded by _____.



RESOLUTION NO 07-02-19-59

**A RESOLUTION APPROVING AN INTERIM USE PERMIT FOR
HOME OCCUPATION AT 10171 BEEBE LAKE ROAD NE**

WHEREAS, John Ganfield (“Applicant”) lives in property located at 10171 Beebe Lake Road; and

WHEREAS, the Subject Property is zoned R-1, Neighborhood Residential District; and

WHEREAS, the applicant submitted an application for an Interim Use Permit to allow a home occupation including use of an accessory building; and

WHEREAS the public hearing was properly noticed and scheduled for the June 24, 2019 Planning Commission meeting; and

WHEREAS the application was reviewed by the Planning Commission at its meeting on June 24, 2019 and recommended approval of the request; and

WHEREAS the City Council reviewed the request in regard to this property at a meeting on July 2, 2019; and

WHEREAS the City Council concurred with the recommendation of the Planning Commission.

NOW, THEREFORE, BE IT RESOLVED, that the City Council does hereby approve the Interim Use Permit for this property subject to the following conditions:

1. The approved use is boat sales and repair.
2. Hours of operation shall not be earlier than 8:30 a.m. and later than 6:30 p.m. Monday through Friday. Saturday hours shall not be earlier than 9:00 a.m. nor later than 1:00 p.m. No operating hours on Sundays or legal holidays are permitted.

3. All operations and storage of boats and parts shall be conducted within the single accessory building as shown on the site plan. This accessory building may be expanded, if possible, as permitted under the Zoning Ordinance as amended from time to time, with the Interim Use occupying the addition area.
4. Operations shall be in conformance with all requirements of city ordinances, as amended from time to time, including but not limited to Section 10.68 Paragraph B of the Hanover Zoning Ordinance.
5. Disposal and handling of all waste and hazardous materials shall be done in conformance with law.
6. Not more than one person other than those living in the residence may be employed in the home occupation.
7. This Interim Use Permit shall terminate on July 2, 2024. If this type of home occupation is still eligible to be permitted under city ordinances near the time of expiration of this permit, the applicant may apply for a new interim use permit.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July, 2019.

APPROVED BY:

Chris Kauffman, Mayor

ATTEST:

Brian Hagen, City Administrator

Collaborative Planning, LLC

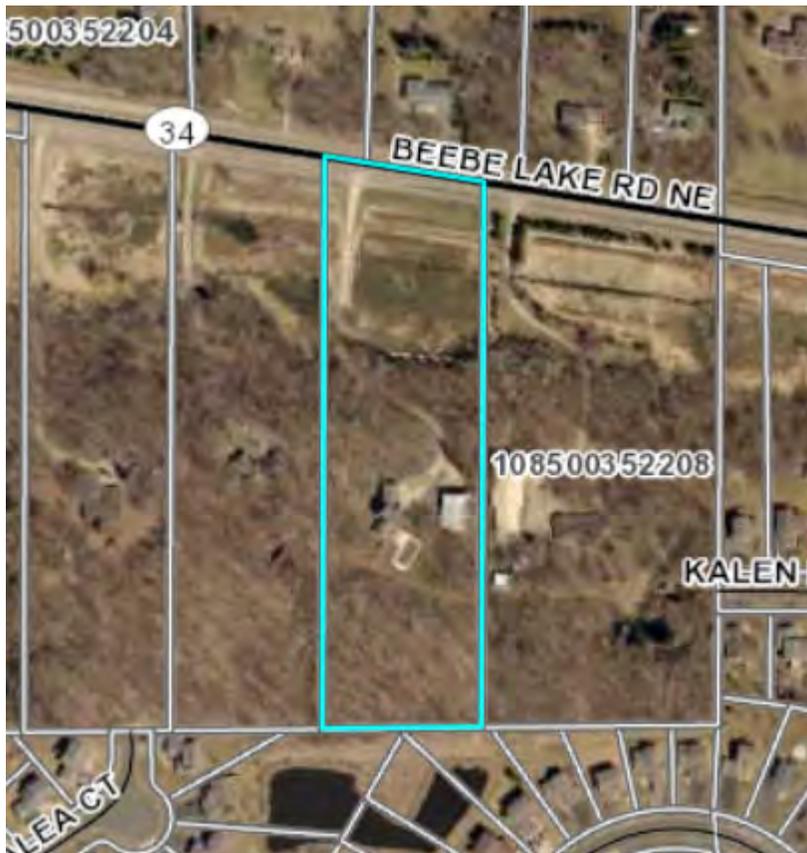
Memorandum

Meeting Date: July 2, 2019
To: Honorable Mayor and Council
From: Cindy Nash, City Planner
RE: IUP for a Home Occupation – 10171 Beebe Lake Road

Overview of Request

The subject property is currently zoned R-1 (Neighborhood Residential District) and an application has been received for an Interim Use Permit for to allow a home occupation within an accessory building. The property is located at 10167 Beebe Lake Road.

The application is included in your packets and contains their proposed request.



Evaluation of Request

When a parcel that is zoned R-1 in an unplatted neighborhood and contains at least 2 acres with direct access to a county road, a homeowner may request an Interim Use Permit that allows a home occupation in an accessory building under conditions. The property contains an existing accessory building with a boat sales business and repair shop that operates within that building. The proposed building is approximately 60 feet by 42 feet.

The parcel is surrounded by lots in Crow River Heights on the south, Beebe Lake Road on the north, and other large R-1 parcels on the east and west.

Planning Commission Recommendation

The Planning Commission reviewed the request at their meeting on June 24 and recommended approval.

Since that action, staff is recommending additional language be added to Condition #3 below to address future additions to the accessory building.

Recommendation

Staff recommends approval of the IUP subject to the following conditions:

1. The approved use is boat sales and repair.
2. Hours of operation shall not be earlier than 8:30 a.m. and later than 6:30 p.m. Monday through Friday. Saturday hours shall not be earlier than 9:00 a.m. nor later than 1:00 p.m. No operating hours on Sundays or legal holidays are permitted.
3. All operations and storage of boats and parts shall be conducted within the single accessory building as shown on the site plan. This accessory building may be expanded, if possible, as permitted under the Zoning Ordinance as amended from time to time, with the Interim Use occupying the addition area.
4. Operations shall be in conformance with all requirements of city ordinances, as amended from time to time, including but not limited to Section 10.68 Paragraph B of the Hanover Zoning Ordinance.
5. Disposal and handling of all waste and hazardous materials shall be done in conformance with law.
6. Not more than one person other than those living in the residence may be employed in the home occupation.
7. This Interim Use Permit shall terminate on July 2, 2024. If this type of home occupation is still eligible to be permitted under city ordinances near the time of expiration of this permit, the applicant may apply for a new interim use permit.

Collaborative Planning, LLC

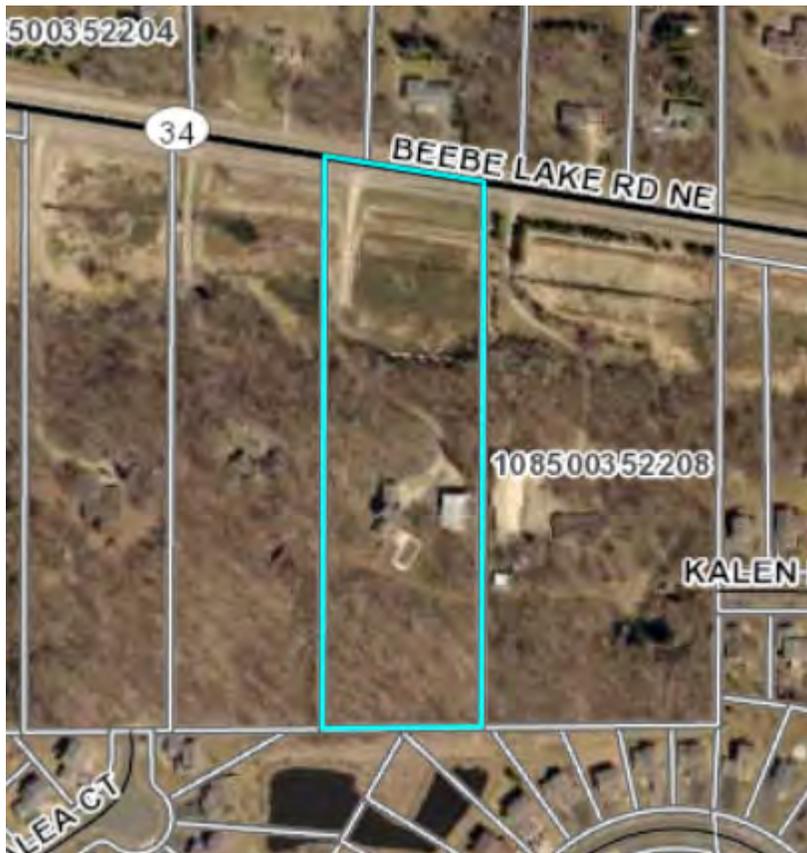
Memorandum

Meeting Date: June 18, 2019
To: Planning Commission
From: Cindy Nash, City Planner
RE: IUP for a Home Occupation – 10171 Beebe Lake Road

Overview of Request

The subject property is currently zoned R-1 (Neighborhood Residential District) and an application has been received for an Interim Use Permit for to allow a home occupation within an accessory building. The property is located at 10167 Beebe Lake Road.

The application is included in your packets and contains their proposed request.



Evaluation of Request

When a parcel that is zoned R-1 in an unplatted neighborhood and contains at least 2 acres with direct access to a county road, a homeowner may request an Interim Use Permit that allows a home occupation in an accessory building under conditions. The property contains an existing accessory building with a boat sales business and repair shop that operates within that building. The proposed building is approximately 60 feet by 40 feet.

The parcel is surrounded by lots in Crow River Heights on the south, Beebe Lake Road on the north, and other large R-1 parcels on the east and west.

Recommendation

Staff recommends approval of the IUP subject to the following conditions:

1. The approved use is boat sales and repair.
2. Hours of operation shall not be earlier than 8:30 a.m. and later than 6:30 p.m. Monday through Friday. Saturday hours shall not be earlier than 9:00 a.m. nor later than 1:00 p.m. No operating hours on Sundays or legal holidays are permitted.
3. All operations and storage of boats and parts shall be conducted within the accessory building as shown on the site plan.
4. Operations shall be in conformance with all requirements of city ordinances, as amended from time to time, including but not limited to Section 10.68 Paragraph B of the Hanover Zoning Ordinance.
5. Disposal and handling of all waste and hazardous materials shall be done in conformance with law.
6. Not more than one person other than those living in the residence may be employed in the home occupation.
7. This Interim Use Permit shall terminate on July 2, 2024. If this type of home occupation is still eligible to be permitted under city ordinances near the time of expiration of this permit, the applicant may apply for a new interim use permit.



11250 5th St NE
 Hanover, MN 55341-0278
 Phone: 763.497.3777 fax: 763.497.1873
www.hanovermn.org
cityhall@ci.hanover.mn.us

| For Office Use Only | |
|---------------------|-----------------------|
| Case Number: | |
| Fee Paid: | 5-16-19 Rec 10158 clc |
| Received by: | ABM #1046 |
| Date Filed: | 5-16-19 |
| Date Complete: | |
| Base Fee: | 300 Escrow: 1000 |

DEVELOPMENT APPLICATION

| TYPE OF APPLICATION | | |
|--|---|--|
| <input type="checkbox"/> Annexation <input type="checkbox"/> Appeal <input type="checkbox"/> Comprehensive Plan Amendment <input type="checkbox"/> Ordinance Amendment (Text or Map) <input type="checkbox"/> Planned Unit Development (Concept/Gen) | <input type="checkbox"/> Site Plan & Building Plan <input type="checkbox"/> Sketch Plan <input type="checkbox"/> Conditional Use Permit <input type="checkbox"/> Variance <input type="checkbox"/> Vacation | <input type="checkbox"/> Simple Land Division <input type="checkbox"/> Subdivision Sketch Plan <input type="checkbox"/> Preliminary Plat <input type="checkbox"/> Final Plat <input type="checkbox"/> Other <i>FUP</i> |
| PROPERTY INFORMATION | | |
| Street Address: <i>10171 Beebe Lake RD</i> | | |
| Property Identification Number (PIN#): | | |
| Legal Description (Attach if necessary): | | |
| | | |
| APPLICANT INFORMATION | | |
| Name: <i>John Grogan</i> | Business Name: <i>Triple Threat Marine</i> | |
| Address: <i>10171 Beebe Lake RD</i> | | |
| City: <i>Hanover</i> | State: <i>MN</i> | Zip Code: <i>55341</i> |
| Telephone: <i>952-649-9009</i> | Fax: | E-mail: <i>John.Grogan@triplethreatmarine.com</i> |
| Contact: | | Title: <i>owner</i> |
| OWNER INFORMATION (if different from applicant) | | |
| Name: | Business Name: | |
| Address: | | |
| City | State: | Zip Code: |
| Telephone: | Fax: | E-mail: |
| Contact: | | Title: |
| DESCRIPTION OF REQUEST (attach additional information if needed) | | |
| Existing Use of Property: <i>Res/Ag</i> | | |
| Nature of Proposed Use: <i>use accessory building for business use</i> | | |
| Reason(s) to Approve Request: <i>under ordinance 2018-06 I meet the current requirements</i> | | |
| | | |
| PREVIOUS APPLICATIONS PERTAINING TO THE SUBJECT SITE | | |
| Project Name: | Date of Application: | |
| Nature of Request: | | |
| | | |
| | | |
| NOTE: Applications only accepted with ALL required support documents. See Application Instructions and City Code | | |

APPLICATION FEES AND EXPENSES:

The City of Hanover required all applicants to reimburse the City for any and all costs incurred by the City to review and act upon applications.

The application fee includes administrative costs which are necessary to process the application. The escrow fee will include all charges for staff time by the City Planner, City Engineer, City Attorney, and/or any other consultants as needed to process the application.

The City will track all consultant costs associated with the application. If these costs are projected to exceed the money initially deposited to your escrow account, you will be notified in the manner that you have identified below that additional monies are required in order for your application process to continue. If you choose to terminate the application (notice must be in writing), you will be responsible for all costs incurred to that point. If you choose to continue the process you will be billed for the additional monies and an explanation of expenses will be furnished. Remittance of these additional fees will be due within thirty (30) days from the date the invoice is mailed. If payment is not received as required by this agreement, the City may approve a special assessment for which the property owner specifically agrees to be to be assessed for 100 percent per annum and waives any and all appeals under Minnesota Statutes Section 429.081 as amended. **All fees and expenses are due whether the application is approved or denied.**

With my signature below, I hereby acknowledge that I have read this agreement in its entirety and understand the terms herein. **I agree to pay to the City all costs incurred during the review process as set forth in this Agreement.** This includes any and all expenses that exceed the initial Escrow Deposit to be paid within 30 days of billing notification. I further understand that the application process will be terminated if payment is not made and application may be denied for failure to reimburse City for costs. I further understand that the City may approve a special assessment against my property for any unpaid escrows and that I specifically waive any and all appeals under Minnesota Statutes 429.081, as amended.

I wish to be notified of additional costs in the following manner:

E-mail John.Gandick@Gma.1.Com Fax _____ USPS – Certified Mail

I, the undersigned, hereby apply for the considerations described above and declare that the information and materials submitted in support of this application are in compliance with adopted City policy and ordinance requirements are complete to the best of my knowledge.

I acknowledge that I have read the statement entitled "Application Fees and Expenses" as listed above.

I understand that this application will be processed in accordance with established City review procedures and Minnesota Statutes Section 15.99 as amended, at such time as it is determined to be complete. Pursuant to Minnesota Statutes Section 15.99, the City will notify the applicant within fifteen (15) business days from the filing date of any incomplete or other information necessary to complete the application. Failure on my part to supply all necessary information as requested by the City may be cause for denying this application.

Applicant:  Date: _____
Owner:  Date: 5-16-18

**NOTE: Applications only accepted with ALL required support documents.
See Application Checklist and City Code**



SUPPLEMENTAL APPLICATION - INTERIM USE PERMIT

Name: John Conkield Phone: 952-649-9007
Address: 10171 Beebe Lake RD PID #: _____

1. Present zoning of above described property: Res Ag

2. Application made for Interim Use Permit to conduct: Home occupation in accessory building

3. Is the proposed use compatible with present and future land use(s) of the area? Please explain. yes - under the current IUP requirements

4. Will the proposed use depreciate the area in which it is proposed? Please explain. No

5. Can the proposed use be accommodated with existing City services without overburdening the system? Please explain. yes - it'll add very light traffic of which my driveway is on CR-34. no new water or sewer changes are needed

6. Are local streets capable of handling traffic which is generated by the proposed use? Please explain. yes - same as above

7. I propose to have the interim use permit terminate upon the following: Date of approval 2029

8. Attach to this application a site plan illustrating curb cut locations, access to a public street, location of buildings and their square footage, location of easements, parking utilities and sidewalks.

9. Attach information specified in the "Required Material Submission Checklist" for IUP applications.

Applicant Signature: [Signature]

Date: _____

Owner Signature: [Signature]

Date: 5-16-19



© 2018 Pictometry

04/29/2018

PROPERTY DESCRIPTION:

Part of the Northwest Quarter of the Nor Wright County, Minnesota, described as to Commencing at the southwest corner of said Northwest Quarter on an assumed a distance of 649.07 feet to the actual Northwest Quarter; thence North 00 degrees 03 minutes 27 seconds West about 60 degrees 03 minutes 30 seconds East,

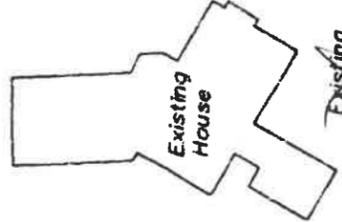
Uistad Property
Area = 5.72 Acres

N 00°03'30" E 958.91

N 00°00'03" W 912.87

Ar.

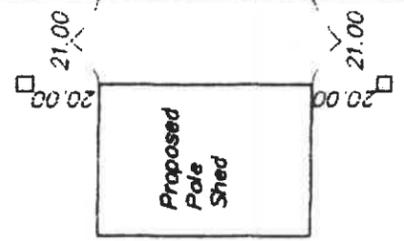
Existing Well



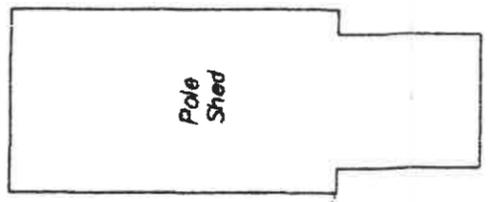
Existing Hydrating Tank

City Center

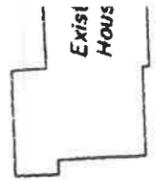
Proposed Pole Shed



Pole Shed



Exist Hous



Existing Holding Tank

Pole Shed

Shed

1.4±

2.3±

West line of the East 396.70 of the N.W. 1/4 of the N.W. 1/4 of Sec. 35

Fence

N 89°05'57" E 649.07

Southwest corner of the N.W. 1/4 of the N.W. 1/4 of Sec. 35

266.00 Deed & Meas

South line of the N.W. 1/4 of the N.W. 1/4 of Sec. 35

S 89°05'57" W 663.75

8±

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.



RESOLUTION NO 07-02-19-60

A RESOLUTION APPROVING EDA RENT REIMBURSEMENT REQUEST

WHEREAS, the Hanover EDA approved a request from Hanover Flooring under the Rent Reimbursement Program in the maximum amount of \$800 for three months; and

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves the Rent Reimbursement request in the total amount of \$2,400 subject to proof of payment to landlord.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July, 2019.

APPROVED BY:

Chris Kauffman, Mayor

ATTEST:

Brian Hagen, City Administrator

**CITY OF HANOVER
COUNTIES OF WRIGHT AND HENNEPIN
STATE OF MINNESOTA**

A regular meeting of the City Council of the City of Hanover, Minnesota, was called to order by Mayor Chris Kauffman at 7:00 p.m. in the Council Chambers of the City Hall, in the City of Hanover, Minnesota, on the 2nd day of July, 2019.

The following Council Members were present:

The following Council Members were absent:

A motion to adopt the following resolution was made by ___ and seconded by ___.

.....

RESOLUTION NO 07-02-19-56

A RESOLUTION APPROVING SANITARY SEWER LIFT STATION IMPROVEMENTS

WHEREAS, Veolia recommends completing improvements to Hanover sanitary sewer lift stations; and

WHEREAS, the improvements include installing monitoring systems on three of the four lift stations in the amount of \$71,889; and

WHEREAS, rehabbing the rail systems within all four lift stations in the amount of \$33,440.

NOW THEREFORE, BE IT RESOLVED that the City Council of the City of Hanover, Minnesota, hereby approves the quotes as attached and directs Veolia to order the work done.

Council members voting in favor:

Opposed or abstained:

Adopted by the city Council this 2nd day of July 2019.

APPROVED BY:

ATTEST:

Chris Kauffman, Mayor

Brian Hagen, City Administrator

June 21, 2019

Mr. Jon Roberts
St. Michael Wastewater Treatment Plant
3320 Lander Avenue NE
St. Michael, MN 55376

Reference: Hanover, MN – 34th Street Lift Station SCADA Integration

Dear Jon:

Per your request we are pleased to provide the following proposal to integrate the existing Hanover 34th Street Lift Station into the existing St. Michael Wastewater Treatment Plant SCADA System:

A One (1) **Lot of Field Modifications** to the existing 34th Street Lift Station (10801 Beebe Lake Road Hanover, MN) control panel including:

- Removal of the existing obsolete float based duplex pump controller. A cover plate will be installed over the remaining opening in the right-hand inner door.
- Install a new Programmable Logic Controller (PLC). New PLC will be installed in the open chassis space on left-hand side of the control panel.
- Installation of a new Operator Interface Module (similar to Ogden Lift Station). Proposed Operator Interface Module will be installed in left-hand inner door.
- Installation of 120 VAC surge arrestor to protect new SCADA components.
- Installation of SCADA modem to allow communication via CenturyLink fiber/phone line to the WWTP.
- Installation Ethernet router for connection of PLC, Operator Interface and SCADA modem.
- Installation of DC power supplies as required.
- Installation of new Uninterruptible Power Supply (UPS) to provide short term power outage ride through for the PLC and Operator Interface.
- Installation of new intrinsically safe barriers for code compliant interface with the existing floats and new transducer.
- Installation of additional heat for PLC and Operator Interface Module components located on the left-hand section of the control panel.
- Installation of a new submersible level transducer. The transducer will be the primary means of pump control. The existing floats will be integrated to become the backup control.

- The existing phase fail relay will be reused but will be monitored by the SCADA Systems.
- The existing power and motor starting components (right-hand section) will remain and be reused.
- The existing electrical service components including the generator receptacle and manual transfer switch will remain.
- The existing Hand-Off-Auto selector switches, pilot lights and running time meters will remain and be reused.

B One (1) **Lot of Engineering** as required to update the schematics.

C One (1) **Lot of Modifications and additions to the existing Wastewater Treatment Plant SCADA Master** to incorporate the new lift station monitoring, alarming, etc.

The following status and alarm points will be monitored on the SCADA System:

- Power Failure Alarm
- Phase Failure Alarm.
- Wetwell High Level alarm (via float switch)
- Lift Pump 1 HOA in Auto
- Lift Pump 1 HOA in Hand
- Lift Pump 1 Running
- Lift Pump 1 Running Time Meter
- Lift Pump 1 Start Counts
- Lift Pump 1 Seal Failure Alarm
- Lift Pump 1 Motor Overtemp Alarm (if available)
- Lift Pump 2 HOA in Auto
- Lift Pump 2 HOA in Hand
- Lift Pump 2 Running
- Lift Pump 2 Running Time Meter
- Lift Pump 2 Start Counts
- Lift Pump 2 Seal Failure Alarm
- Lift Pump 2 Motor Overtemp Alarm (if available)
- Pump Alternator Sequence Selector (1-2, Auto, 2-1)
- Communication Failure Alarm

D One (1) Lot of Startup, testing and training services.

E One (1) Electronic Set of Approval Drawings/Data fully coordinated with primary elements, motor control equipment and autosensory equipment.

F Two (2) Copies (1 electronic and 1 hard copy) of Complete Installation, Operation, Maintenance Manuals.

Your net price for Items A through F, FOB factory with freight allowed to jobsite including one (1) year warranty from date of startup (not to exceed 18 months from date of shipment)...\$23,282.00.

Please note, the above price does not include any:

- Sales or use taxes.
- Float switches (the existing will be reused).
- Telephone equipment (the City will need make arrangements with CenturyLink).
- Phone line installation or associated phone company fees.
- Conduit or wetwell penetrations. We assume the existing conduit run can be used for the new submersible level transducer.
- Float switches (the existing will be reused).
- Seal failure or overtemp modules (existing will be reused).

Thank you very much for the opportunity of providing you with the above proposal, should you wish to proceed with an order please sign on the space provided below and return a copy to this office. Upon receipt we will immediately proceed with engineering drawings and equipment release to manufacturing.

We look forward to hearing from you, should you have any questions please don't hesitate to give me a call.

Sincerely,



Lane Stewart
Automatic Systems Company

June 21, 2019

Mr. Jon Roberts
St. Michael Wastewater Treatment Plant
3320 Lander Avenue NE
St. Michael, MN 55376

Reference: Hanover, MN – Industrial Lift Station SCADA Integration

Dear Jon:

Per your request we are pleased to provide the following proposal to integrate the existing Hanover Industrial Lift Station into the existing St. Michael Wastewater Treatment Plant SCADA System:

A One (1) **Lot of Field Modifications** to the existing Industrial Lift Station (11449 8th St. NE Hanover, MN) control panel including:

- Removal of the existing obsolete float based duplex pump controller. A cover plate will be installed over the remaining opening in the right-hand inner door.
- Install a new Programmable Logic Controller (PLC). New PLC will be installed in the open chassis space on left-hand side of the control panel.
- Installation of a new Operator Interface Module (similar to Ogden Lift Station). Proposed Operator Interface Module will be installed in left-hand inner door.
- Installation of 120 VAC surge arrestor to protect new SCADA components.
- Installation of SCADA modem to allow communication via CenturyLink fiber/phone line to the WWTP.
- Installation Ethernet router for connection of PLC, Operator Interface and SCADA modem.
- Installation of DC power supplies as required.
- Installation of new Uninterruptible Power Supply (UPS) to provide short term power outage ride through for the PLC and Operator Interface.
- Installation of new intrinsically safe barriers for code compliant interface with the existing floats and new transducer.
- Installation of additional heat for PLC and Operator Interface Module components located on the left-hand section of the control panel.
- Installation of a new submersible level transducer. The transducer will be the primary means of pump control. The existing floats will be integrated to become the back control.

- The existing phase fail relay will be reused but will be monitored by the SCADA Systems.
- The existing power and motor starting components (right-hand section) will remain and be reused.
- The existing electrical service components including the generator receptacle and manual transfer switch will remain.
- The existing Hand-Off-Auto selector switches, pilot lights and running time meters will remain and be reused.

B One (1) **Lot of Engineering** as required to update the schematics.

C One (1) **Lot of Modifications and additions to the existing Wastewater Treatment Plant SCADA Master** to incorporate the new lift station monitoring, alarming, etc.

The following status and alarm points will be monitored on the SCADA System:

- Power Failure Alarm
- Phase Failure Alarm.
- Wetwell High Level alarm (via float switch)
- Lift Pump 1 HOA in Auto
- Lift Pump 1 HOA in Hand
- Lift Pump 1 Running
- Lift Pump 1 Running Time Meter
- Lift Pump 1 Start Counts
- Lift Pump 1 Seal Failure Alarm
- Lift Pump 1 Motor Overtemp Alarm (if available)
- Lift Pump 2 HOA in Auto
- Lift Pump 2 HOA in Hand
- Lift Pump 2 Running
- Lift Pump 2 Running Time Meter
- Lift Pump 2 Start Counts
- Lift Pump 2 Seal Failure Alarm
- Lift Pump 2 Motor Overtemp Alarm (if available)
- Pump Alternator Sequence Selector (1-2, Auto, 2-1)
- Communication Failure Alarm

D One (1) Lot of Startup, testing and training services.

E One (1) Electronic Set of Approval Drawings/Data fully coordinated with primary elements, motor control equipment and autosensory equipment.

F Two (2) Copies (1 electronic and 1 hard copy) of Complete Installation, Operation, Maintenance Manuals.

Your net price for Items A through F, FOB factory with freight allowed to jobsite including one (1) year warranty from date of startup (not to exceed 18 months from date of shipment)...\$23,687.00.

Please note, the above price does not include any:

- Sales or use taxes.
- Float switches (the existing will be reused).
- Telephone equipment (the City will need make arrangements with CenturyLink).
- Phone line installation or associated phone company fees.
- Conduit or wetwell penetrations. We assume the existing conduit run can be used for the new submersible level transducer.
- Float switches (the existing will be reused).
- Seal failure or overtemp modules (existing will be reused).

Thank you very much for the opportunity of providing you with the above proposal, should you wish to proceed with an order please sign on the space provided below and return a copy to this office. Upon receipt we will immediately proceed with engineering drawings and equipment release to manufacturing.

We look forward to hearing from you, should you have any questions please don't hesitate to give me a call.

Sincerely,



Lane Stewart
Automatic Systems Company

June 21, 2019

Mr. Jon Roberts
St. Michael Wastewater Treatment Plant
3320 Lander Avenue NE
St. Michael, MN 55376

Reference: Hanover, MN – Millpond Lift Station SCADA Integration

Dear Jon:

Per your request we are pleased to provide the following proposal to integrate the existing Hanover Millpond Lift Station into the existing St. Michael Wastewater Treatment Plant SCADA System:

A One (1) **Lot of Field Modifications** to the existing Millpond Lift Station (134 Millpond Trail Hanover, MN) control panel including:

- Install of a new Programmable Logic Controller (PLC)
- Installation of a new Operator Interface Module (similar to Ogden Lift Station). Proposed Operator Interface Module will be installed in the existing inner door.
- Installation of additional thermostatically controlled enclosure heat.
- Installation of 120 VAC surge arrestor to protect new SCADA components.
- Installation of SCADA modem to allow communication via CenturyLink fiber/phone line to the WWTP.
- Installation Ethernet router for connection of PLC, Operator Interface and SCADA modem.
- Installation of DC power supplies as required.
- Installation of new Uninterruptible Power Supply (UPS) to provide short term power outage ride through for the PLC and Operator Interface.
- Installation of a new submersible level transducer. The transducer will be the primary means of pump control.
- The existing floats and new intrinsically safe barriers will be integrated to become the back control.
- The existing float based pump controller will be removed a cover plate installed over the remaining opening in the existing inner door.
- The existing phase fail relay will be reused but will be monitored by the SCADA Systems.
- The existing power and motor starting components (right hand side) will remain and be reused.

- The existing electrical service components including the generator receptacle and manual transfer switch will remain.
- The existing pilot lights, running time meters, selector switches and pushbuttons will remain and be reused.
- Removal of the existing alarm dialer. The dialer will be turned over to the City.

B One (1) **Lot of Engineering** as required to update the schematics.

C One (1) **Lot of Modifications and additions to the existing Wastewater Treatment Plant SCADA Master** to incorporate the new lift station monitoring, alarming, etc.

The following status and alarm points will be monitored on the SCADA System:

- Power Failure Alarm
- Phase Failure Alarm.
- Wetwell High Level alarm (via float switch)
- Lift Pump 1 HOA in Auto
- Lift Pump 1 HOA in Hand
- Lift Pump 1 Running
- Lift Pump 1 Running Time Meter
- Lift Pump 1 Start Counts
- Lift Pump 1 Seal Failure Alarm
- Lift Pump 1 Motor Overtemp Alarm (if available)
- Lift Pump 2 HOA in Auto
- Lift Pump 2 HOA in Hand
- Lift Pump 2 Running
- Lift Pump 2 Running Time Meter
- Lift Pump 2 Start Counts
- Lift Pump 2 Seal Failure Alarm
- Lift Pump 2 Motor Overtemp Alarm (if available)
- Wetwell Level
- Wetwell High Level Setpoint
- Wetwell High Level Alarm (via transducer)
- Wetwell Low Level Setpoint
- Wetwell Low Level Alarm (via transducer)
- Lead Pump Start Setpoint
- Lead Pump Stop Setpoint
- Lag Pump Start Setpoint
- Lag Pump Stop Setpoint
- Pump Alternator Sequence Selector (1-2, Auto, 2-1)
- Float Backup Active
- Communication Failure Alarm

- D One (1) Lot of Startup, testing and training services.
- E One (1) Electronic Set of Approval Drawings/Data fully coordinated with primary elements, motor control equipment and autosensory equipment.
- F Two (2) Copies (1 electronic and 1 hard copy) of Complete Installation, Operation, Maintenance Manuals.

Your net price for Items A through F, FOB factory with freight allowed to jobsite including one (1) year warranty from date of startup (not to exceed 18 months from date of shipment)...\$24,920.00.

Please note, the above price does not include any:

- Sales or use taxes.
- Conduit or wetwell penetrations. We assume the existing conduit run can be used for the new submersible level transducer.
- Float switches (the existing will be reused).
- Telephone equipment (the City will need make arrangements with CenturyLink).
- Phone line installation or associated phone company fees.
- Seal failure or overtemp modules (existing will be reused).

Thank you very much for the opportunity of providing you with the above proposal, should you wish to proceed with an order please sign on the space provided below and return a copy to this office. Upon receipt we will immediately proceed with engineering drawings and equipment release to manufacturing.

We look forward to hearing from you, should you have any questions please don't hesitate to give me a call.

Sincerely,



Lane Stewart
Automatic Systems Company

