

PLANNING COMMISSION MEETING AGENDA REGULAR MEETING TUESDAY, JUNE 20, 2017

6:30 PM Regular Meeting

- 1. Call to Order
- 2. Roll Call
- 3. Approval of Minutes:
 - a. May 16, 2017 Planning Commission Meeting
 - b. May 9, 2017 City Council Meeting Minutes (For Information Only)
- 4. **PUBLIC HEARING:** Gary and Lynda Ostberg (Applicants) request that the City consider the following actions for the property identified by (PID No. 33-118-24-14-0003) and located on the south side of CSAH 6 and west of Game Farm Road N. in Independence, MN:
 - a. A conditional use permit allowing the following:
 - i. A commercial riding stable.
 - ii. A bunkhouse.
 - iii. An accessory building which is greater than 5,000 square feet.
- 5. **PUBLIC HEARING:** A proposed text amendment to the City of Independence Ordinances as follows:
 - a. Chapter 5, Section 520.21 Definitions, Subd. 2 Accessory Dwelling Units Amending/adding language that will allow a basement or mechanical/utility room as a part of an accessory dwelling unit without being counted towards the total square footage.
- 4. Meeting Schedule Update
- 5. Open/Misc.
- 6. Adjourn.

MINUTES OF A REGULAR MEETING OF THE INDEPENDENCE PLANNING COMMISSION TUESDAY, MAY 16, 2017 – 6:30 P.M.

1. CALL TO ORDER

Pursuant to due call and notice thereof, a regular meeting of the Independence Planning Commission was called to order by Chair Phillips at 6:30 p.m.

2. ROLL CALL

PRESENT: Chair Phillips, Commissioners Dumas, Gardner, Thompson and Palmquist

STAFF: City Administrative Assistant Horner, City Administrator Kaltsas

ABSENT: None

VISITORS: Jan Gardner, Sally Simpson, Dean Fowser

3. Approval of minutes from the April 18, 2017 Planning Commission Meeting.

Motion by Gardner, to approve the minutes of the April 18, 2017 Planning Commission Meeting, second by Palmquist. Ayes: Phillips, Gardner, Thompson, Dumas and Palmquist. Nays: None. Absent: None. Abstain: None. Motion approved.

- 4. <u>PUBLIC HEARING:</u> Dean Fowser (Applicant/Owner) requests that the City consider the following actions for the property located at 8875 Highway 12 (PID No. 18-118-24-11-0001) in Independence, MN:
 - a. An amendment to the conditional use permit to expand the commercial building located on the property.

Proposed: to reconstruct and expand the commercial building located on the property.

Kaltsas said the subject property is located on the south side of Highway 12 and just west of Copeland Road at 8875 Highway 12. There is an existing residence and three detached accessory buildings.

The subject property was granted a conditional use permit to allow a dog kennel in 1977. In 1993, the City amended the conditional use permit to allow an outside dog run in association with the conditional use permit. The conditional use permit has the following key conditions:

- 1. Metal pole building can be up to 36'x 82.5'. Expansion of the building can occur without further City Council review.
 - 2. 55-60 dogs.
 - 3. Boarding and impounding of dogs from 8:00am-7:00pm 7 days a week.
 - 4. An outdoor fenced exercise area up to 2,400 square feet is permitted.

The Cities definition of a kennel is: any structure or premises on which four or more dogs over six months of age are kept.

The applicant/owner (Dean Fowser) contacted the City last year to discuss the possibility of expanding the existing building. Dean currently leases the building to Abby Lake Kennel. The current building is about 36'x40'. The kennel would like to improve the existing

facility in order to stay competitive and potentially attract new clients. The existing kennel currently houses approximately 15-30 dogs at any given time. Abby Lakes has noted that they are not expecting to increase the number of dogs kept on the premise, but rather improve the facilities for their current clients.

The original conditional use permit allows for 55-60 dogs to be kept on the premise and an expansion of the building up to 36'x 80'. He would also like to add some storage on one side of the accessory building. When discussing the expansion of the building with the owner, he noted he would like to turn the building 90 degrees and construct a new building rather than trying to expand the existing building. The City informed him that this would require an amendment to the conditional use permit. Turning the building appears to fit better on the property and would avoid potential conflicts with the adjacent wetlands. There would be a small 12'x12' vestibule in addition to the 36'x80' building which would provide a better entrance area. The proposed building would be a one-story metal pole building similar in design to the existing building. It would have the interior kennel space, a grooming area, reception area and then a separate storage garage.

In order to accommodate the turn of the building, they would have to reconfigure the gravel driveway to accommodate the new building. Based on the setback from the Highway 12 property line, there is adequate space to modify the parking area. The City will require one (1) handicap accessible parking space to be signed and delineated in the parking lot. Paving a portion of this is being considered to help alleviate mud when going in and out of the kennel.

They may need to reconfigure the dog run in the back also. It's right in the neighborhood of what's permitted. They'd run it length-wise behind the building.

The applicant just recently updated the on-site septic system. The newly installed system will accommodate the proposed new building with no further modifications necessary. They'd be adding one bathroom which the existing system is designed to handle.

The City has not received any oral or written comments regarding the proposed amendment to the conditional use permit. The conditions approved in 1977 would remain the same. The applicant would need to modify the parking lot-add one handicap accessible parking spot per the building code and would have to be signed accordingly. The owner is also open to paving the gravel parking lot.

Public Hearing Open

Palmquist asked the owner how waste would be handled. Fowser explained the pet waste goes to a holding tank. In comparison, human waste goes into a drain field.

Dumas mentioned the vestibule on Highway 12, and questioned if it meets the setbacks since. It's a 12' vestibule and the building setback is 40'. Kaltsas explained they're going to drop the building 3-4' back from where it sits now (south), so set back is 85' to the center of road. They actually exceed that. We can confirm that, but I think they're right-on. They could probably move it 15-20' if needed.

Motion by Gardner to close the Public Hearing.

Public Hearing Closed

Thompson felt it was straightforward. It only came up because they're replacing and not expanding it.

Motion by Gardner, to approve an amendment to the conditional use permit to reconstruct and expand the commercial building located on the property, second by Palmquist. Ayes: Gardner, Palmquist, Dumas, Thompson and Phillips. Nays: None. Absent: None. Abstain: None. Motion approved.

5. Accessory Dwelling Unit Ordinance-Draft Amendment to Clarify Basements and Mechanical Rooms in Ordinance.

Kaltsas noted we had previously talked about revisiting and prioritizing certain Ordinances. The first priority identified was to 'clean up' the accessory dwelling unit ordinance. The ordinance prescribes a total area permitted for accessory dwelling units. The question is whether or not mechanical rooms and or unfinished basements are calculated into the total square footage permitted. Since 2011 there's been discussion of people wanting basements in the accessory dwelling units (i.e. Mother-in-Law) due to weather related issues or a mechanical room in basement. The question has been does that square footage count towards the 33% or 1,200 square feet max. We've agreed that it does not count towards the total square footage. It's in the provision for size and exception, that the total square footage shall not include a designated mechanical room or unfinished basement area below the accessory dwelling unit. Phillips wondered if we're creating a slippery slope for finishing a basement. Kaltsas said we get somewhere accessory dwelling unit is next to a 'finished man cave', and they have to have a physical separation. Kaltsas said we'd have to have a separation and having the mechanical room in its own room that's not calculated in the 1200 square feet. Thompson asked if there's a mechanical room definition, to which Kaltsas responded there is not. We could have a cleaner definition so it's not left up to interpretation. Gardner wondered whether we care if it's finished or not. Kaltsas noted they could have the workshop and still have an accessory dwelling unit as long as there's a door between. He used the example of Jim and Lynda Franklin because they were going to have a separate new detached accessory structure for an accessory dwelling unit. They were looking for their max size. By them putting a door up made the mechanical room not part of the space. Closet, water heater and furnace-does that all count towards space? We've said not if it's not a mechanical room. They could have a workshop next to their accessory dwelling unit with a clear wall separation. Thompson felt it is straightforward. The intent is not to include a mechanical room. It's permitted now to build a detached unit as long as it doesn't have a bedroom or stovethose are the defining factors for Mother-in-Law apartment. If we want to limit size or add on more language, that'd be fine. Gardner said 1200 square feet above the basement, and nothing changes on the outside. Worrying about finishing doesn't change anything and seems irrelevant. Kaltsas said we capped the size so it's subordinate to the principal structure. Phillips asked what is next, and Kaltsas state that if the language seems good, we'll have a public hearing. Gardner mentioned it at least allows a basement which the previous sidestepped.

- 6. Open/Misc.
- 7. Adjourn.

Motion by Gardner, second by Palmquist to adjourn at 7:00 p.m. Ayes: Phillips, Gardner, Thompson, Dumas and Palmquist. Nays: None. Absent: None. Abstain: None. Motion approved.

Respectfully Submitted,

Beth Horner Recording Secretary



MINUTES OF A REGULAR MEETING OF THE INDEPENDENCE CITY COUNCIL TUESDAY, MAY 9, 2017 –7:30 P.M.

1. CALL TO ORDER.

Pursuant to due call and notice thereof, a regular meeting of the Independence City Council was called to order by Mayor Johnson at 7:30 p.m.

2. PLEDGE OF ALLEGIANCE.

Mayor Johnson led the group in the Pledge of Allegiance.

3. ROLL CALL

PRESENT: Mayor Johnson, Councilors Betts, Grotting, Spencer and McCoy

ABSENT: None

STAFF: City Administrative Assistant Horner, City Administrator Kaltsas, City Attorney Kyle Hartnett

(in for Bob Vose)

VISITORS: Sarah Borchers, Jason Sievers, Richard Sievers

4. ****Consent Agenda****

All items listed under Consent Agenda are considered to be routine by Council and will be acted on by one motion. There will be no separate discussion of these items. If discussion is desired, that item will be removed from the Consent Agenda and will be considered separately.

- a. Approval of City Council minutes from the April 25, 2017 Regular City Council Meeting.
- b. Approval of minutes from the April 25, 2017 Board of Appeal and Equalization Meeting.
- c. Approval of Accounts Payable; Checks Numbered 17103-17139.
- d. Approval of MnDOT Master Partnership Contract for the Highway 12 Light Maintenance.
 - a. **RESOLUTION NO. 17-0509-01.**

Motion by McCoy, second by Betts to approve the Consent Agenda. Ayes: Johnson, Grotting, McCoy, Spencer and Betts. Nays: None. Absent: None. MOTION DECLARED CARRIED.

- 5. SET AGENDA ANYONE NOT ON THE AGENDA CAN BE PLACED UNDER OPEN/MISC.
- 6. REPORTS OF BOARDS AND COMMITTEES BY COUNCIL AND STAFF

Spencer attended the following meetings:

- Highway 12 Coalition Meeting
- City Clean Up Day

Grotting attended the following meetings:

• Highway 12 Coalition

1 City of Independence City Council Meeting Minutes 7:30 p.m., May 9, 2017 • City Clean Up Day

McCoy attended the following meetings:

Betts attended the following meetings:

Johnson attended the following meetings:

- Sensible Land Use Committee Meeting
- WeCan Community Action Partnership Board Meeting
- Mayors Conference in Brainerd
- Loretto Fire Department Breakfast
- Hamel Prayer Breakfast
- Orono Healthy Youth Committee Meeting
- Highway 12 Coalition Meeting
- MN Watershed Meeting
- Regional Council of Mayors Meeting
- Orono School Board Meeting
- West Hennepin Chamber of Commerce Meeting
- Senior Center Volunteer Appreciation Dinner

Horner attended the following meetings:

- MCFOA training
- City Clean-Up Day

Kaltsas attended the following meetings:

7. <u>DIRECTOR GARY KROELLS, WEST HENNEPIN PUBLIC SAFETY - ACTIVITY REPORT FOR</u> THE MONTH OF MARCH, 2017.

Kroells said March was a very busy month with lots of crashes due to weather. Kroells highlighted a few incidents.

For a complete report see the City Council packet

Kroells noted everyone did a great job controlling the large swamp fire. The properties surrounding the area were well protected. Kroells said it burned out by the time it hit Pioneer Creek. Kroells noted there are various theories as to how the fire started. He said they may never know but he does not believe it was intentional.

Grotting noted the changes being proposed to make the intersection at County Road 90 and Highway 12 safer. He wanted to know if there was anything the City should be communicating to MnDOT to help those efforts. Kroells said it was announced that the funding for that intersection has been approved and is part of their plan for 2021.

Grotting asked about the relationship between WHPS and the Vinland Center. Kroells noted WHPS works with them and because they are a treatment facility there are quite a few calls from them. He noted the Vinland Center is charged \$90/ hour for police services which is billed on a quarterly basis.

- 8. <u>PUBLIC HEARING:</u> JASON SIEVERS (APPLICANT/OWNER) REQUESTS THAT THE CITY CONSIDER THE FOLLOWING ACTIONS FOR THE PROPERTY LOCATED AT 1180 COUNTY ROAD 83 (PID NO. 25-118-24-32-0001) IN INDEPENDENCE, MN:
 - a. **RESOLUTION NO. 17-0509-02 -** recommending denial of a variance to allow a reduced side yard setback for the subject property.

Kaltsas stated the subject property is located at 1180 County Road 83. The property is on the east side of County Road 83 and south of the intersection of Timber Trail and County Road 83. There is an existing home and one small detached accessory structure on the subject property.

Kaltsas said the applicant is seeking approval to construct an addition onto the existing home. The addition includes living space as well as a larger garage. The applicant is proposing to remove a portion of the existing house which includes the existing garage. It was noted by the applicant that the existing garage was connected to the home via an enclosed space at some point and used to be a detached garage. The applicant would like to construct an addition (new garage and living space) onto the portion of the existing home to remain. The existing home is currently in compliance with all applicable setbacks for this property (the existing home is setback 30 feet from the north property line).

The applicant is asking the City to consider granting a variance from the side yard setback (north property line) to allow expansion of the existing home. The City requires a side yard setback of 30 feet for properties zoned RR-Rural Residential. The applicant is proposing to construct the home addition so that it is setback 17.6 feet from the side property line rather than 30 feet as required.

There are several factors to consider relating to granting a variance. The City's ordinance has established criteria for consideration in granting a variance.

520.21. <u>Standards for granting variances</u>. Subdivision1. The City Council may grant a variance from the terms of this zoning code, including restrictions placed on nonconformities, in cases where: 1) the variance is in harmony with the general purposes and intent of this zoning code; 2) the variance is consistent with the comprehensive plan; and 3) the applicant establishes that there are practical difficulties in complying with the zoning code (Amended, Ord. 2011-08)

Subd. 2. An applicant for a variance must demonstrate that there are practical difficulties in complying with the zoning code. For such purposes, "practical difficulties" means:

- (a) The property owner proposes to use the property in a reasonable manner not permitted by the zoning code;
- (b) the plight of the property owner is due to circumstances unique to the property not created by the landowner;
- (c) the variance, if granted, will not alter the essential character of the locality.

Economic considerations alone do not constitute practical difficulties. Practical difficulties include, but are not limited to, inadequate access to direct sunlight for solar energy systems. (Amended, Ord. 2011-08)

Subd. 3. The City Council shall not grant a variance to permit a use that is not allowed under the zoning code based on the zoning classification of the affected property. (Amended, Ord. 2011-08)

520.23. Conditions and restrictions. The board of adjustments may recommend and the City Council may impose conditions on a variance. Conditions must be directly related to and must bear a rough proportionality to the impact created by the variance. (Amended, Ord. 2011-08)

Consideration of the criteria for granting a variance:

- a. Residential use of the property is consistent with the Rural Residential District.
- b. The City would need to find that the plight of the property owner is due to circumstances unique to the property that are not created by the landowner.
- c. The character of the surrounding area is residential. There are several properties in the vicinity that do not meet all applicable building setbacks. The proposed expansion for a single-family home is in keeping with the City's comprehensive plan.

Kaltsas noted there are several additional items that could be considered by the City:

- 1. The required detached accessory structure setback from the side yard is 15 feet. The applicant could locate a detached accessory structure on this property and meet applicable setbacks.
- 2. The property directly north of this property has several detached accessory buildings which do not meet applicable setbacks. The owner of the property directly north did provide a note to the City stating that they found the requested variance to be acceptable.
- 3. The applicant could rotate the proposed addition 90 degrees and meet all applicable setbacks.
- 4. There are many properties in the City of Independence that have similar conditions to that of the subject property. The City would need to find that the property has unique conditions that can be noted as the basis for granting the variance.
- 5. Several properties directly west of the subject property appear to have reduced front yard setbacks.
- 6. The proposed home/garage addition is a two-story addition which will be taller than the portion of the existing structure that is being removed.

Kaltsas said ultimately the City will need to find that the criteria for granting a variance have been met by the applicant. Commissioners reviewed the requested variance and asked questions of staff and the applicant. Commissioners reviewed the proposed setback and asked for clarification relating to the portion of the home that was going to remain versus the portion of the home that was going to be removed. Commissioners confirmed that the existing home meets applicable setbacks. Commissioners reviewed the criteria for granting a variance. Planning Commissioners asked for clarification relating to the criteria for granting a variance and whether or not all criteria needed to be considered. Commissioners discussed that the City has many similarly sized parcels with existing homes. Commissioners discussed the characteristics of the subject parcel and noted that there was a substantial amount of area that could accommodate a home/garage expansion. There was an initial motion to approve the variance request as presented. That motion did not receive a second and did not proceed. There was then a motion to deny the variance as requested. That

motion did not initially receive a second until there was additional discussion. Commissioners ultimately recommended denial of the variance to the City Council with the following findings:

1. Commissioners could not make the finding that the plight of the property owner is due to circumstances unique to the property not created by the landowner. Commissioners did not find unique circumstances or characteristics of the property that warranted a variance. Commissioners noted that this property is similar to many others in the City and that granting a variance without unique characteristics would establish a precedent for allowing reduced setbacks.

The City received a letter from the neighboring property owner located at 1212 County Road 83 supporting the requested variance. The Planning Commission recommended denial of the requested variance with the following findings and conditions:

- 1. The proposed Variance request does not meet all applicable conditions and restrictions stated in Chapter V, Section 520.19, Procedures on variances, in the City of Independence Zoning Ordinance.
- 2. The Applicant's variance request is denied because it does not meet the criteria established for granting a variance due to the lack of unique conditions or characteristics of the subject property.
- 3. The Applicant shall pay for all costs associated with the City's review of the requested variance.

Sievers said it will be difficult to turn into the proposed area with the setbacks. Betts asked if the breezeway would disappear. Sievers said it would not. Spencer said the point was that in order to be granted a variance the applicant would have to show hardship concerns and design challenges are not that. Sievers said he wants it to be attached. Kaltsas asked if Sievers would be willing to look at a smaller variance. Johnson said it could be tabled for 60 days so Sievers had an opportunity to think about it.

Motion by Spencer, second by Betts to table pending a letter from the applicant for 60 days. Ayes: Johnson, Grotting, McCoy, Spencer and Betts. Nays: None. Absent: None. MOTION DECLARED CARRIED.

- 9. Consideration of Adopting an Ordinance Amendment Pertaining to Public Safety:
 - a. **ORDINANCE NO. 2017-01** Adoption of a predatory offender dwelling location restriction ordinance.

Kaltsas noted many metropolitan area cities have recently contemplated adopting certain residency location restrictions for predatory offenders. Cities that have adopted local legislation have typically found that such residency location restrictions would be prudent to protect the local health, safety and welfare of their residents.

Cities have adopted a relatively standard and consistent model ordinance language as an amendment to local zoning codes.

• Most ordinances restrict Level II and III offenders.

- The model ordinance defines "protected areas" such as schools, playgrounds, parks, and other places children are known to regularly congregate.
- Level II and III predatory offenders would be prohibited from living a certain distance from those protected areas (e.g. 750 feet measured lot line to lot line).
- Ordinances exempt residences which were established by Level II and III offenders prior to adoption of the ordinance.
- Typically, an offender is also allowed to move into a residence with certain relatives (e.g. parents, siblings, spouses, children etc.) regardless of the proximity to a protected location.

The City of Independence Attorney has prepared an ordinance based on the model language used by other similar communities. While these residency restriction ordinances can be further customized by cities, there are two factors that typically need to pertain to the specific city. Independence will need to consider the type of protected area (i.e. parks, daycare facilities, schools, etc.) and the restricted distance that offenders will be prohibited from living from protected areas.

Types of Protected Areas:

The types of protected areas are typically those areas where children commonly congregate. Most cities identify schools, public parks and licensed daycare facilities. Some cities have found other similarly used areas as needing to be defined in the ordinance. Staff did not identify any similar use areas that appear to need further definition in the ordinance.

Motion by Spencer, second by McCoy to approve Ordinance No. 2017-01 with the recommended changes to II and III being noted. Ayes: Johnson, Grotting, McCoy, Spencer and Betts. Nays: None. Absent: None. MOTION DECLARED CARRIED.

10. Discussion of City Council Meeting Dates/Times.

Discussion around ongoing meeting dates and times. It was decided that the next May City Council meeting will be May 30^{th} instead of May 23^{rd} due to schedule conflicts.

Motion by McCoy, second by Betts to move the next May City Council meeting to May 30th instead of May 23rd. Ayes: Johnson, Grotting, McCoy, Spencer and Betts. Nays: None. Absent: None. MOTION DECLARED CARRIED.

- 11. Open/Misc.
- 12. Adjourn.

Motion by McCoy, second by Spencer to adjourn at 8:30 p.m. Ayes: Johnson, Grotting, McCoy, Spencer and Betts. Nays: None. Absent: None. MOTION DECLARED CARRIED.

Respectfully Submitted,

Trish Bemmels/ Recording Secretary

City of Independence

Request for a Conditional Use Permit to Allow a Commercial Riding Stable and Bunkhouse and Accessory Structure Larger than 5,000 SF on the Property located on CSAH 6 and Identified by PID 3311824140003

To: | Planning Commission

From: | Mark Kaltsas, City Planner

Meeting Date: | June 20, 2017

Applicant: Gary and Linda Ostberg

Property Owner: James Block

Location: | County Road 6 (PID 3311824140003)

Request:

Gary and Linda Ostberg (Applicant) request that the City consider the following actions for the property located on County Road 6 (PID No. 29-118-24-31-0001) in Independence, MN:

- a. A conditional use permit to allow a Commercial Riding Stable with Bunkhouse.
- b. A conditional use permit to allow an accessory structure that exceeds 5,000 SF.

Property/Site Information:

The property is located on the south side of CSAH 6 and just west of Game Farm Road N. The property has no existing structures and is comprised of open pasture, a woodland area and wetlands. The property has the following characteristics:

Property Information: County Road 6 (PID 3311824140003)

Zoning: Agriculture

Comprehensive Plan: Agriculture

Acreage: 39.92 acres



Discussion:

The applicants have a purchase agreement in place to acquire the property subject to the City's approval of a conditional use permit. The applicants are seeking approval to construct a new home, stable and associated indoor and outdoor riding arenas, paddocks, pastures and future caretaker apartment on the subject property. The proposed accessory structure (barn and riding arena) would exceed 5,000 square feet and therefore, also requires a conditional use permit.

The proposed horse farm would be a used as a commercial riding stable. The horse barn would house 12 stalls. The applicant anticipates that they would have between 8-12 horses on the property. 2-4 horses would be their own animals with 8-10 horses boarded on the property. The applicants have noted that their daughter is a trainer and would be providing lessons and riding her horses on the property. The proposed accessory structure is comprised of the horse barn, alley connection and indoor riding arena. The square footage of the proposed accessory building breaks down as follows:

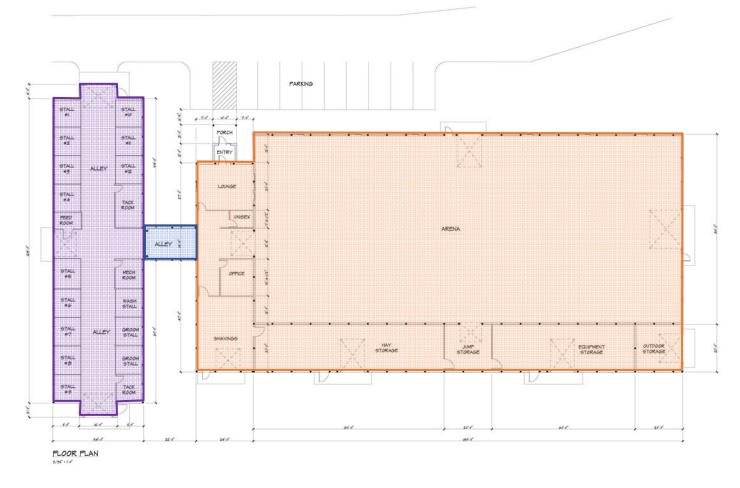
 Horse Barn 4,902 SF

 Alley Connection 308 SF

 Arena 18,000 SF

 TOTAL SF
 23,210 SF

Proposed Accessory Structure



In addition to the indoor riding arena, the applicant is seeking a conditional use permit to allow a bunkhouse within the proposed riding arena to house a property caretaker. The applicant has prepared a proposed site plan which delineates the location of the proposed accessory structure, paddocks, pastures and principle residence. The layout of the buildings and site features takes advantage of the natural topography and maintains separation from the existing wetlands and farmed wetlands. The proposed accessory building would be constructed of pre-finished metal. The City is waiting for the on-site septic report confirming the availability of a primary and secondary on-site septic location. It is anticipated that this information will be provided prior to City Council consideration of the application.

The applicant has had the property evaluated for potential wetlands. It was noted that there are two farmed wetlands located on the farmed portions of the property. There is one located just south of CSAH 6 along the west property line and one located nearly in the center of the property. The applicant has designed the property to fully avoid conflict with the subject wetlands. The applicant has prepared a storm water plan

which includes details for the construction of two water quality ponds in the location of both farmed wetlands.

Commercial riding stables are a conditional use in the Agriculture zoning district. The subject property is zoned Agriculture. The existing property is currently vacant with no existing structures. The property has historically been farmed. The City generally allows 1 animal unit on the first two acres and then 1 additional animal unit for each additional acre of property. The subject property is comprised of approximately 39 acres. Of the 39 acres, approximately 25 acres is useable upland. Applying the City's typical standard, the site would accommodate 38 animals using the gross acreage or 24 animals using the upland acreage. The City has historically required that the applicants maintain a manure management plan, maintain all applicable permits relating to the management of manure on this property and maintain 1/3 acre of open space per animal unit. The 12 horses proposed by the applicant would fit within the allowable number of animal units on the property.

The following notes provides additional detail relating to the commercial riding stable operation:

- 1. The owners of the 8-10 horses will be visiting the site three to four times per week for 2-3 hours at a time to ride their horses.
- 2. Deliveries and farriers will be on site periodically once every few weeks.
- 3. Horse trailers will occasionally be brought on site to pick up or drop off horses going to horse shows, the veterinarian, etc.
- 4. The manure will be hauled off-site once every few weeks.
- 5. Standard garbage removal will occur once per week.
- 6. Landscaping, including new trees, will be provided around the buildings. No trees will be planted within pastures or paddocks.
- 7. The pastures and larger paddocks will be seeded with a pasture seed mix.
- 8. The applicant will have a designated parking area for 10 vehicles, including one accessible parking space, located adjacent to the proposed accessory structure and just off of the main access road.

The criteria for granting a conditional use permit are clearly delineated in the City's Zoning Ordinance (Section 520.11 subd. 1, a-i) as follows:

- 1. The conditional use will not adversely affect the health, safety, morals and general welfare of occupants of surrounding lands.
- 2. The proposed use will not have a detrimental effect on the use and enjoyment of other property in the immediate vicinity for the proposes already permitted or on the normal and orderly development and improvement of surrounding vacant property for uses predominant in the area
- 3. Existing roads and proposed access roads will be adequate to accommodate anticipated traffic.
- 4. Sufficient off-street parking and loading space will be provided to serve the proposed use.
- 5. The proposed conditional use can be adequately serviced by public utilities or on-site sewage treatment, and sufficient area of suitable soils for on-site sewage treatment is available to protect the city form pollution hazards.

- 6. The proposal includes adequate provision for protection of natural drainage systems, natural topography, tree growth, water courses, wetlands, historic sites and similar ecological and environmental features.
- 7. The proposal includes adequate measures to prevent or control offensive odor, fumes, dust, noise, or vibration so that none of these will constitute a nuisance.
- 8. The proposed condition use is consistent with the comprehensive plan of the City of Independence.
- 9. The proposed use will not stimulate growth incompatible with prevailing density standards.

The City has visited the site and discussed the operation of the proposed commercial riding stable with the applicant. Given the location of the property off of CSAH 6, the orientation of the buildings and their relationship to the surrounding properties, it appears that the proposed application can be found to meet the requirements for granting a conditional use permit to allow a commercial riding stable, accessory structure larger than 5,000 square feet and a bunkhouse for a caretaker on the property.

Neighbor Comments:

The City has not received any written or oral comments regarding the proposed amendment to the conditional use permit.

Recommendation:

Staff is seeking a recommendation from the Planning Commission pertaining to the request for a conditional use permit with the following findings and conditions:

- 1. The proposed conditional use permit request meets all applicable conditions and restrictions stated in Chapter V, Section 510, Zoning, in the City of Independence Zoning Ordinance.
- 2. The conditional use permit will include the following conditions:
 - a) The conditional use permit will be reviewed annually by the City to ensure conformance with the conditions set forth in the resolution.
 - b) Any new signage shall comply with all applicable standards of the City's ordinance.
 - c) No more than 12 horses shall be boarded on the property.
 - d) The applicant and facility must operate in compliance with manure management permit from MPCA. A copy of the valid MPCA permit is to be attached to and become a part of the conditional use permit.
 - e) A minimum of 1/3 acre or green covered open space, excluding wetland, is required within the horse facility, for each horse allowed by this permit. Grass shall be maintained and be the primary groundcover in all pasture areas.

- f) The hours of operation are: summer 7:00am-10:00pm.
- g) Horse shows or training clinics with more than 50 attendees will require special approval from the City
- h) No renting of hack horses.
- i) No riding on private land unless authorized by owners.
- i) No parking on public roads.
- k) Utilize appropriate management practices to control flies and odor.
- I) The bunkhouse is for the caretaker of the owners of the property only. The bunkhouse shall not be rented to anyone not employed on the property.
- m) No future expansion of the barn and riding arena shall be permitted on the property without the further review and approval by the City through the conditional use permit amendment process.
- 3. The applicant shall pay for all costs associated with the review and recording of the resolution.

Attachments:

- 1. Property Pictures
- 2. Applicants Narrative
- 3. Storm Water Plan
- 4. Site Plan/Survey
- 5. Building Floor Plan
- 6. Building Elevations

Attachments

Subject Property (Looking north)





City of Independence

The Independence City Code was established to protect both current and future residents from the negative impacts of improper development and to ensure a positive future for the city. The land use application review is the mechanism that allows the city to examine proposed uses to ensure compatibility with the surrounding environment, natural or otherwise. It is important to understand that a proposed use may be acceptable in some circumstances, but unacceptable in others—all applications are viewed on a case-by-case basis.

☐ Appeal	Request:Conditional Us	e Permit to operate a small
Comprehensive Plan Amendment	horse boarding and train	ing farm and for a future
☐ Concept Plan	caretaker apartment. Th	e property will also be our
Conditional Use Permit Residential Commercial/Light Industrial Telecommunications X Agriculture Home Occupation Non-Conforming Use Guest/Bunk House Institutional CUP Amendment	residence.	
Extension Request	Site Address or Property 1	Identification Number(s):
☐ Final Plat	PID #3311824140003	
☐ Interim Use Permit		
☐ Lot Consolidation	NOTE: Minnesota State Statut	•
 ☐ Minor Subdivision (Survey) Lot Subdivision Lot Combination Lot Line Rearrangement 	governments to review an apple submission to determine if an a if additional information is need subject request. <i>To ensure an shall schedule a pre-application</i>	application is complete and/or ded to adequately review the <i>expedited review, applicants</i>
☐ Moving Buildings	Planner/Administrator at least Most applications have a review	t one week prior to submittal.
☐ Preliminary Plat	City's ability to extend an addidue to insufficient information	tional 60 days if necessary
□ Rezoning		or senedate.
☐ Site Plan Review (Commercial)	Office Use Only	 Date
□ Vacation		
□ Variance Subdivision Regulations Zoning	Application Amount	Application Check #
Zonnig Road Frontage	Escrow Paid	Escrow Check #
☐ Zoning Text Amendment *Please check all that apply	Date Accepted by Planner	Accepted By
Trease check an that apply	City Planner	

***Note: All parties with a fee interest in the real estate must sign this application before the City will review for consideration!

Applicant Information:	Owner Information (if different than applicant)
Name: Gary and Linda Ostberg	Name: James Block
Address: 621 Montealm Place	Address: 125 Ingerson Rd.
City, State, Zip: Saint Paul, MN 55116	City, State, Zip: Maple Plain, Un 55
Phone: 651-647-9682	Phone: 952. 270. 9928
Email: Gary@ostbergarchitects.com	Email: dvjamesblock @ gmail. (Signature: James Block 5/4/2017 134 12 PM CDT
Signature: Streng Ostley	Signature: James Block 5/4/2017 1:34.12 PM CDT
Checklist: Please review the checklist that goes with the waived by the City.	request(s) as all materials in the checklist unless
Review Deadline and Timeline: All applications must be attached hereto. Failure to submit by the date shown will review by Planning Commission and City Council.	received by the deadline according to the schedule result in a delay in the scheduling of the application
Application for Planning Con	nsideration Fee Statement
The City of Independence has set forth a fee schedule for the of large scope that include two or more requests will be received sets forth as set by the City Administrator. The fees collect All invoices associated with each land employ application receipt by the City for each project. The City of Independence review of projects. The consultant and City rates are shown the applicant recognizes that he/she is solely responsible for application from the plan review stage to the construction of financial guarantee for an approved project. If a project is applicant, the fees associated for the project until such denire responsibility.	quired to provide a larger deposit than the resolution ted for land use projects are collected as deposits. will be billed to the applicant within 30 days upon ence often utilizes consulting firms to assist in the n at the bottom of this form. By signing this form, or any and all fees associated with the land use monitoring stage through to the release of any denied by the City Council or withdrawn by the
I UNDERSTAND THE FEE STATEMENT AND RESPO USE APPLICATION:	NSIBILITIES ASSOCIATED WITH THIS LAND
Applicant Signature: Seas Cottley Date: May 4, 2017 Authentist Authentist	Spile Coffeen
Owner Signaluse, (if different): James Block Date:	

The Ostberg Architects

475 Cleveland Avenue North Suite 202 Saint Paul, Minnesota 55104 e-mail Linda@ostbergarchitects.com 651-647-9682 www.ostbergarchitects.com

May 9, 2017

City of Independence 1920 County Road 90 Independence, MN 55359

Re: Conditional Use Permit: Additional Information

3a. Contact Information

Current Property Owner: James C Block Trustee 11601 Minnetonka Mills Road Minnetonka, MN 55305 Proposed Property Owners: Donald K Rockenbach Trust Gary and Linda Ostberg, Trustees 621 Montcalm Place Saint Paul, MN 55116

651-647-9682

Architects:

The Ostberg Architects 475 Cleveland Avenue North, Suite 202 Saint Paul, MN 55104

651-647-9682

General Contractor:

RAM Construction Services

Rollie Radtke 592 Industrial Drive Winsted, MN 55395 320-485-2844

Civil Engineer: MM Engineering Michael Mayer, PE 830 26th Avenue North St. Cloud, MN 56303

320-656-9073

Surveyor: Gronberg & Associates Mark Grongerg, LS 445 Willow Drive North Long Lake, MN 55356 Ecologist/Wetland Specialist

Kjolhaug Environmental Services Company

Ben Carlson, WDC 26105 Wild Rose Lane Shorewood, MN 55331

952-401-8757

952-473-4141

3b. Site data

Address Unassigned. PID Number 3311824140003. Zoned: Agriculture Preserve. 39.92 acres, 1,738,952 square feet.

Legal Description:

That part of the following described property: The Southeast Quarter of the Northeast Quarter of Section 33, Township 118 North, Range 24 West of the 5th Principal Meridian, EXCEPT the East 400 feet of said Southeast Quarter of the Northeast Quarter; ALSO the Southwest Quarter of the Northeast Quarter of said Section 33; ALSO that part of the Northeast Quarter of the Northeast Quarter of said Section 33 lying West of the East 400 feet of said Northeast Quarter of the Northeast Quarter and lying South of the Southerly right of way line of County Road No. 6,

which lies southeasterly of the following described line and its extensions:

Commencing at the Southwest corner of said Southwest Quarter of the Northeast Quarter; thence on an assumed bearing of North 1 degree 13 minutes 30 seconds West along the West line of said

Southwest Quarter of the Northeast Quarter a distance of 655.00 feet to the point of beginning of the line being described; thence North 89 degrees 28 minutes 30 seconds East a distance of 1545.00 feet; thence along a tangential curve concave to the Northwest with a central angle of 77 degrees and a radius of 300.00 feet a distance of 403.17 feet; thence North 12 degrees 28 minutes 30 seconds East to its intersection with the Southerly right of way line of County Road No. 6, and said line there ending.

Much of the land is currently being farmed. There are no buildings on the property.

3c. Proposed use:

Horse farm with a 12-stall barn, indoor and outdoor riding rings, paddocks and pastures, future caretaker apartment, house and garage. 2 to 4 stalls will be used for our own horses, 8 to 10 stalls will be for boarders' horses. Our daughter is a trainer and will be riding and providing lessons to the boarders; there will be no lesson horses. We anticipate one additional employee to assist with barn and horse chores.

The 8 to 10 horse owners will be coming on site approximately 3 to 4 times per week for 2 to 3 hours each time to ride their horses; either in a lesson or to exercise. Deliveries and farriers will be on site periodically once every few weeks. Occasionally, a horse trailer will be on site to pick up or drop off horses going to horse shows, veterinarian, and so on. Manure removal will be once every few weeks, garbage removal once a week.

There will be a new driveway from County Road 6 which will extend south to the building areas. The drive will be closer to the east property line in order to not interfere with a small farmed wet land area. Building areas are located within a part of the farmed land where there are no trees. Landscaping, including new trees, will be provided around the buildings. No trees will be planted within pastures or paddocks; pastures and larger paddocks will be seeded with a pasture mix seed.

3d. Impact on community:

Proposed use will not have a detrimental effect on the use and enjoyment of other property in the immediate vicinity or on the normal development of surrounding property. Existing roads and new drive will be adequate to accommodate anticipated traffic. There will be sufficient off-street parking adjacent to the barn to serve this use. The proposed use can be adequately serviced by local gas and power utilities. There will be on-site sewage treatment for waste water, manure will be hauled off site. There should be no pollution hazards. Natural drainage, tree growth, and wetlands will be maintained. Natural topography will be maintained as much as possible with slight modifications as necessary at buildings. There should be no offensive odors, fumes, dust, noise or vibration that would constitute a nuisance. The use is consistent with the comprehensive plan of Independence and will not stimulate incompatible growth.

STORM WATER POLLUTION PREVENTON PLAN FOR GARY & LINDA OSTBERG

SECTION 33, TOWNSHIP 118N RANGE 32W CITY OF INDEPENDENCE, HENNEPIN COUNTY

PREPARED BY MICHAEL M. MAYER, PE 830 26TH AVENUE NORTH SAINT CLOUD MN 56303 320-656-9073

MAY 2017

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.

MICHAEL M. MAYER, PE

DATE:

REG. NO. 15043

STORM WATER POLLUTION PREVENTION PLAN FOR GARY & LINDA OSTBERG

May 12, 2017

Project Location:

The project site is located in the NE ¼ of Section 33, Township 118N, Range 24W, City of Independence, Hennepin County, Minnesota. Location: latitude 44.9894, longitude -93.7089. Parcel ID# 3311824140003

Existing Conditions:

The Ostberg site is a 40.2 acre parcel that is currently used for crop production. Row crops and hay are the primary crops grown on the site. The site has four delineated wetlands. The property is surrounded by rural residential properties and agricultural land. County Road 6 (Watertown Road) is the north boundary and Game Farm Rd is 400' to the east.

Soils within the site are identified in the published Hennepin County Soil Survey as L22C2 and L22D2 Lester, L23A Cordova, L24A Glencoe. L36A Hamel, L37B Angus and L50A Muskego and Houghton Complex.. The site is all C and D soils as defined by NRCS. See the attached Hydrologic Soil Group listing.

Runoff from the site flows in several different directions, with the runoff ending up in the wetlands. See the attached Drainage Exhibit.

The project site receives a small amount of offsite runoff form the adjacent property to the east.

Project Description:

The owners are proposing to construct a home, two garages, a horse stall barn, indoor arena, outdoor ring, eight grass horse paddocks and an entrance drive. There will be no public roads or residential lots associated with this project.

The project will disturb approximately 7 acres for preparing the site for the building and driveway. Existing drainage patterns will be maintained. The project will be completed in one phase. Existing impervious area is none. Proposed impervious area is 1.69 acres.

There are no Impaired or Special waters, as defined by MPCA, within one mile of the site. There are no other lakes or rivers within 1/2 mile of the site. Runoff flows to the south, through several large wetland complexes, eventually entering Deer Creek, Ox Yoke Lake and Pioneer Creek.

The project is not located in a Karst area and no additional measures are required to protect drinking water.

Temporary & Permanent Sedimentation Basins:

Since the project will not be disturbing more then 10 acres that drains to one point temporary sediment basins are not required. Temporary BMP's including silt fence, bio logs, rock checks and temporary seeding/mulching will be used to contain sediment within the disturbed area of the site.

Water quality volume required for this project as required by the Watershed District is 6748 cubic feet (73616 sf x 1.1"/12) and will be provided in the constructed basin. Approximately 8,000 cubic feet of water quality volume will be created.

Converting the site from primarily ag production to a combination of lawn and pasture, plus the building s and drives, will reduce the runoff and water volume.

Runoff rates for pre-settlement and proposed conditions have been calculated for the 2, 10 & 100-year storm events. See the attached HydroCad printouts for rates and volumes. Runoff will be routed through two water quality ponds or directed overland for a minimum of 75' before being released back to natural flow paths and property lines. One storm water pond is planned adjacent to the north wetland, along the entrance drive, to accept and treat driveway runoff. The runoff from the remained of the site will be directed to a water quality pond, south of the grass paddocks. Sand filters will be used to treat the runoff and release it back to the wetlands. wetland.

Knowledgeable Person:

Gary & Linda Ostberg have retained the following person to prepare the SWPPP. Implementation of the SWPPP before & during construction and the long term operation and maintenance of the storm water management system will be performed by the owner and subcontractors.

Michael M. Mayer, P.E. Gary & Linda Ostberg 830-26th Avenue North 475 Clevland Ave S St. Cloud MN 56303 St. Paul MN 55104 320-656-9073 651-647-9682

RAM Buildings Inc., will complete installation and maintenance of the erosion control measures outlined in the plan. Contact: Rollie Radtke 320-212-9414

The Permittee, or any subcontractor, must keep the SWPPP, all changes to it, and inspection and maintenance records at the site during construction. The SWPPP can be kept in either the field office or in an on site vehicle.

Project Sequencing:

A) Pre-Construction Phase

Install silt fence as shown on the project plans or downstream from any disturbed area.

B) Construction Phase

Salvaged topsoil is to be pushed or stockpiled away from critical areas (flowage areas, wetlands and property lines. As the wetland area is filled and graded, silt fence, rock check dams or fabric barriers are to be installed and maintained. Special attention will be required on areas where the proposed grade is over 3:1 or concentrated flow grades are over 5%(confined ditch or waterway). After completion of the grading, the area will be seeded and have disc-anchored mulch, erosion blankets and sediment barriers installed promptly and as necessary to reduce sediment movement.

Erosion blanket or disc anchored mulch is required upon final grading and seeding to stabilize the disturbed areas. Seed shall be MNDOT mix 150 (application rate 40#/ac), Board of Water & Soil Resources (BWSR) UT1 or an approved equal for temporary cover. Final seeding of road ditches and disturbed areas shall be MNDOT mix 240 or 260 (application rate varies 100-120 #/ac). For

areas not to be maintained, seed mix 240 or 250 is recommended or an approved equal. Mulch shall be MNDOT Type 3, weed free, applied at approximately 2000#/ac.

Disturbed area for this project will be as shown on the site plan. The disturbed are will be defined by the location of silt fence and property lines. The owner shall delineate the construction site with silt fence on the north and east sides.

There will be disturbed or created slopes on the project that will be over 12%. These areas will have erosion blanket installed after seeding.

Soil stockpiles are to be located away from runoff flow paths and contained with silt fence.

The normal wetted perimeter of any temporary or permanent drainage ditch that drains water from a construction site, or diverts water around a site, must be stabilized within 200 lineal feet from the property edge, or from the point of discharge to any surface water. Stabilization must be completed within 24 hours of connecting to a surface water.

There will be two driveway culverts planned for this project. Outlet protection will be provided.

Establish a rain gauge location onsite.

<u>Inspections and Maintenance:</u>

The Permittee(s) (either the owner or operator, whoever is identified in the SWPPP) must routinely inspect the entire construction site at least once every seven (7) days during active construction and within 24 hours after a rainfall event greater than 0.5 inches in 24 hours. Following an inspection which occurs within 24 hours after a rainfall event, the next inspection must be conducted within seven (7) days after that.

All inspections and maintenance conducted during construction must be recorded in writing and these records must be retained with the SWPPP in accordance with Part III.D. Records of each inspection and maintenance activity shall include:

Date and time of inspections;

Name of person(s) conducting inspections;

Findings of inspections, including recommendations for corrective actions;

Corrective actions taken (including dates, times, and party completing maintenance activities);

Date and amount of all rainfall events greater than 1/2 inch (0.5 inches) in 24 hours;

Documentation of changes made to the SWPPP as required in Part III.A.4; and

Where parts of the construction site have permanent cover, but work remains on other parts of the site, inspections of the areas with permanent cover may be reduced to once per month. Where construction sites have permanent cover on all exposed soil areas and no construction activity is occurring anywhere on the site, the site must be inspected for a period of twelve (12) months (the inspections may be ceased during frozen ground conditions). Following the twelfth month of permanent cover and no construction activity, inspections may be terminated until construction activity is once again initiated or sooner if notified in writing by the MPCA. Where work has been suspended due to frozen ground conditions, the required inspections and maintenance schedule must begin within 24 hours after runoff occurs at the site or prior to resuming construction, whichever comes first.

All erosion prevention and sediment control BMPs must be inspected to ensure integrity and effectiveness. All nonfunctional BMPs must be repaired, replaced, or supplemented with functional BMPs within 24 hours after discovery, or as soon as field conditions allow access unless another time frame is specified below. The Permittee(s) must investigate and comply with the following inspection and maintenance requirements:

All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 1/3 of the height of the fence. These repairs must be made within 24 hours of discovery, or as soon as field conditions allow access.

Temporary and permanent sedimentation basins must be drained and the sediment removed when the depth of sediment collected in the basin reaches 1/2 the storage volume. Drainage and removal must be completed within 72 hours of discovery, or as soon as field conditions allow access (see Part IV.D.).

Sediment shall be removed from ponds when the depth is 8" or greater.

Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of erosion and sediment deposition. The Permittee(s) must remove all deltas and sediment deposited in surface waters, including drainage ways, catch basins, and other drainage systems, and restabilize the areas where sediment removal results in exposed soil. The removal and stabilization must take place within seven (7) days of discovery unless precluded by legal, regulatory, or physical access constraints.

The Permittee shall use all reasonable efforts to obtain access. If precluded, removal and stabilization must take place within seven (7) calendar days of obtaining access. The Permittee is responsible for contacting all local, regional, state and federal authorities and receiving any applicable permits, prior to conducting any work.

Construction site vehicle exit locations must be inspected for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all paved surfaces, within 24 hours of discovery, or if applicable, within a shorter time to comply with Part IV.C.6.

The Permittee(s) are responsible for the operation and maintenance of temporary and permanent water quality management BMPs, as well as all erosion prevention and sediment control BMPs, for the duration of the construction work at the site. The Permittee(s) are responsible until another Permittee has assumed control according to Part II.B.5 over all areas of the site that have not been finally stabilized or the site has undergone Final Stabilization, and a NOT has been submitted to the MPCA.

If sediment escapes the construction site, off-site accumulations of sediment must be removed in a manner and at a frequency sufficient to minimize off-site impacts (e.g., fugitive sediment in streets could be washed into storm sewers by the next rain and/or pose a safety hazard to users of public streets).

All infiltration areas must be inspected to ensure that no sediment from ongoing construction activity is reaching the infiltration area and these areas are protected from compaction due to construction equipment driving across the infiltration area.

Pollution Prevention Management Measures:

Solid Waste: Collected sediment, asphalt and concrete millings, floating debris, paper, plastic,

fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal requirements.

Hazardous Materials: Oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations. Gasoline, motor oil, lubricants and similar products used with construction equipment shall be contained in a locked storage structure on site or transported to and from the site daily.

External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of.

Concrete washout onsite: All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. A compacted clay liner that does not allow washout liquids to enter ground water is considered an impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operations or areas. Liquid and solid wastes must be disposed of properly and in compliance with MPCA regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

Equipment Washing & Equipment Cleaning: There will be no earthen material trucked to the site, so equipment cleaning or street cleaning will not be a concern. If truck washing is required a location shall be agreed upon with the owner. Water & sediment shall be contained. No engine degreasing is allowed on site. A rock construction entrance shall be provided from Schulz Road during road construction. See detail attached.

SWPPP Changes or Revisions:

The Permittee(s) must amend the SWPPP as necessary to include additional requirements, such as additional or modified BMPs, designed to correct problems identified or address situations whenever:

a. There is a change in design, construction, operation, maintenance, weather or seasonal conditions that has a significant effect on the discharge of pollutants to surface waters or underground waters;

b.Inspections or investigations by site operators, local, state or federal officials indicate the SWPPP is not effective in eliminating or significantly minimizing the discharge of pollutants to surface waters or underground waters or that the discharges are causing water quality standard exceedances (e.g. nuisance conditions as defined in Minn. R. 7050.0210, subp. 2); or

c.The SWPPP is not achieving the general objectives of minimizing pollutants in stormwater discharges associated with construction activity, or the SWPPP is not consistent with the terms and conditions of this 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.9, Discharges to Impaired Waters and TMDLs. If MPCA makes such determination(s) or any of the determinations

in Parts III.A.5.a.-.c., MPCA will notify the Permittee(s) in writing. In response, the Permittee(s) must develop a supplemental BMP action plan or appropriate SWPPP amendments describing SWPPP modifications to address the identified concerns and submit information requested by MPCA, which may include an individual permit application. If MPCA's written notification requires a response, failure to respond within the specified timeframe constitutes a permit violation.

Final Stabilization:

The Permittee(s) must ensure Final Stabilization of the site. Final Stabilization requires all of Parts IV.G.1-5 or Part IV.G.6:

Final Stabilization requires that all soil disturbing activities at the site have been completed and all soils must be stabilized by a uniform perennial vegetative cover with a density of 70% over the entire pervious surface area, or other equivalent means necessary to prevent soil failure under erosive conditions.

The Permittee(s) must ensure that the permanent stormwater treatment system meets all requirements in Part III, C. This includes but is not limited to, a final clean out of temporary or permanent sedimentation basins that are to be used as permanent water quality management basins and final construction or maintenance of infiltration basins. All sediment must be removed from conveyance systems and ditches must be stabilized with permanent cover.

Prior to submission of the NOT, all temporary synthetic and structural erosion prevention and sediment control BMPs (such as silt fence) must be removed on the portions of the site for which the Permittee is responsible. BMPs designed to decompose on site (such as some compost logs) may be left in place.

For residential construction only, individual lots are considered finally stabilized if the structure(s) are finished & temporary erosion protection and down gradient perimeter control has been completed and the residence has been sold to the homeowner. Additionally, the Permittee must distribute the MPCA's "Homeowner Fact Sheet" to the homeowner to inform the homeowner of the need for, and benefits of, permanent cover.

For construction projects on land used for agricultural purposes (e.g., pipelines across crop or range land) Final Stabilization may be accomplished by returning the disturbed land to its preconstruction agricultural use.

A Permittee may terminate permit coverage prior to completion of all construction activity if all of the following conditions are met in addition to Part IV.G.2 through Part IV.G.3 and where applicable, Part IV.G.4 or Part IV.G.5.

Construction activity has ceased for at least 90 days.

At least 90% (by area) of all originally proposed construction activity has been completed and permanent cover established on those areas.

On areas where construction activity is not complete, permanent cover has been established.

After 30 days from the seeding date and the vegetation has been established, remove silt fence, sediment logs or other temporary BMP's used to control erosion

Records Retention

The SWPPP (original or copies) including, all changes to it, and inspections and maintenance records must be kept at the site during construction by the Permittee who has operational control of that portion of the site. The SWPPP can be kept in either the field office or in an on site vehicle during normal working hours.

All owner(s) must keep the SWPPP, along with the following additional records, on file for three (3) years after submittal of the NOT as outlined in Part II.C. This does not include any records after submittal of the NOT.

Any other permits required for the project;

Records of all inspection and maintenance conducted during construction (see Part IV.E.Inspections and Maintenance);

All permanent operation and maintenance agreements that have been implemented, including all right of way, contracts, covenants and other binding requirements regarding perpetual maintenance; and

All required calculations for design of the temporary and Permanent Stormwater Management Systems.

C) Post Construction Phase:

Sediment shall be removed from ponds when the depth is 8" or greater. Sediment shall be removed from a rain garden when over 25% of the original volume has been displaced.

Individual basins are designed to infiltrate runoff. If runoff tends to pond in the basin and does not soak away in 78 hours corrective action needs to be completed. Moving the basin or expanding its size are options to be considered.

Storm Water Runoff:

A summary of storm water runoff rates and volumes is included in this report. Several exhibits are included showing the existing and proposed drainage patterns, disturbed areas, retention/detention areas and runoff curve number comparisons.

Specifications:

Temporary Erosion Control During Construction:

- A) Use, where possible, horizontal slope grading, construction phasing and other construction practices that minimize erosion.
- B) Unless precluded by snow cover, all exposed soil areas with a continuous positive slope from a water of the state or from a curb, gutter, storm drain inlet, temporary or permanent drainage ditch or other storm water system shall have temporary or permanent cover for the exposed soil areas within the following time frame:

Slope Temporary or permanent cover where area has not been, or will not be

worked by the contractor for:

Steeper than 3:1 (H:V) 14 days 10:1 to 3:1 14 days Flatter than 10:1 14 days

For the purpose of this provision, exposed soil areas do not include stockpiles or surcharge area of sand, gravel, aggregate, concrete or bituminous.

- C) The bottom of any temporary or permanent drainage ditch constructed to drain water from the construction site must be stabilized within 200 feet of a water of the state. Stabilization must be initiated within 24 hours of connecting the drainage ditch to the wetland, existing gutter, storm drain inlet, drainage ditch, or other storm water conveyance system which discharges to waters of the state and completed within 24 hours.
- D) Prior to connecting any pipe to a water of the state or drainage ditch, the pipe's outlet must be provided with temporary or permanent energy dissipation to prevent erosion.
- "Water of the State" means all streams, lakes, ponds, marshes, wetlands, water courses, drainage systems and all other bodies or accumulations of water natural or artificial, public or private, which are contained within, flow through, or border upon the state or any portion thereof. Waters of the state do not include storm water detention basins or wetlands constructed for the purposes of treating storm water, which do not discharge to surface waters.
- "Temporary Cover" means methods employed to prevent erosion. Examples include: seeding of oats or rye, wood fiber or straw erosion control blanket, wood chips, straw mulch and erosion netting.
- "Permanent Cover" means final stabilization. Examples include grass cover, gravel or rock, asphalt and concrete.

Exhibits:

The following exhibits, details and standard plates are made a part of this plan:

Site Plan

Soils Map

HydroCad 2, 10 & 100-yr storm event printouts (existing and proposed conditions)

Sediment Control- Silt Fence, Rock Checks and Biologs/Wattles

MNDOT Erosion Control Details

MNDOT Standard Plate-Outlet Protection at CMP Culverts

North American Green-Erosion Control Blanket Installation Detail

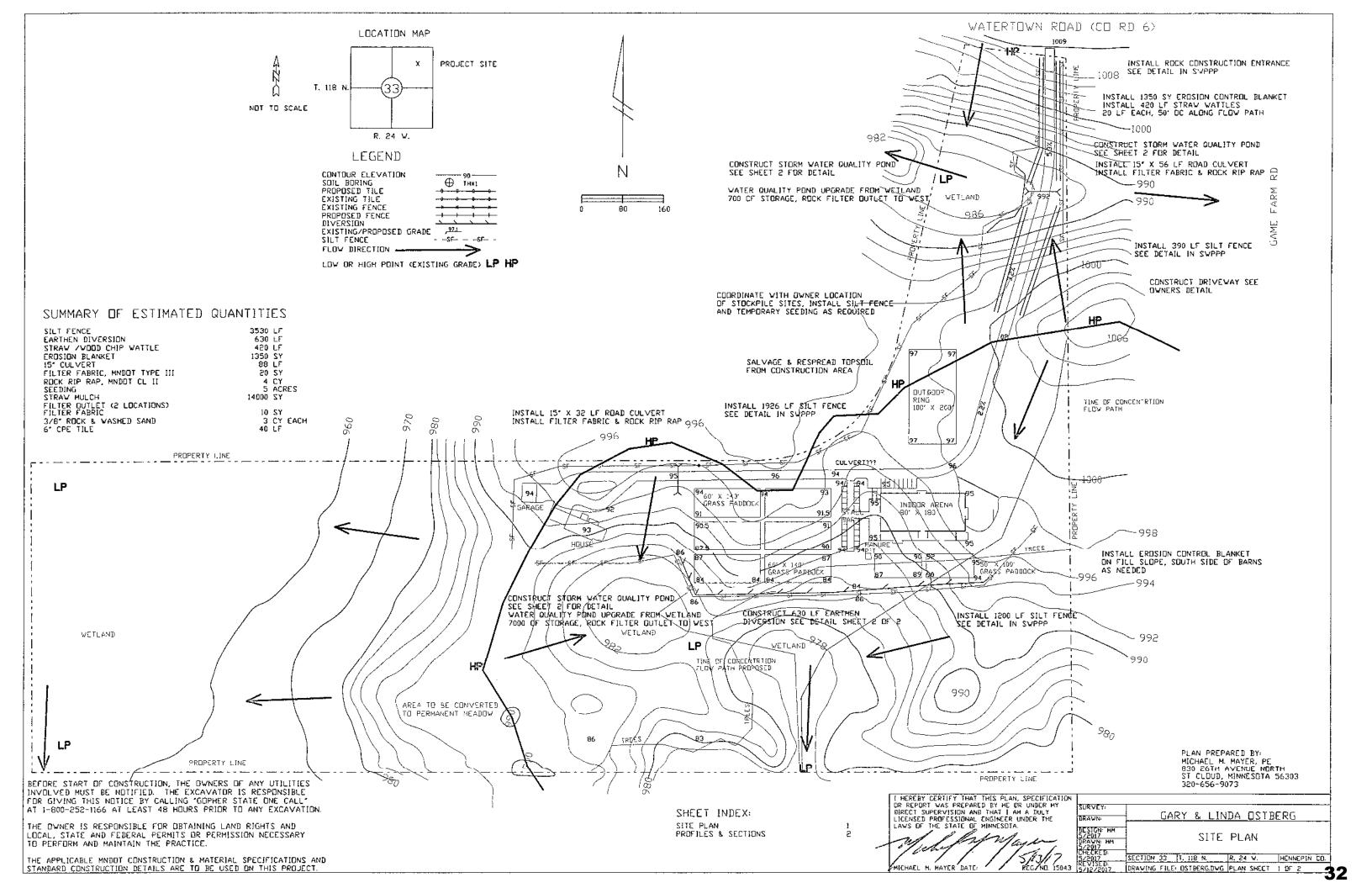
Inspection Log Form

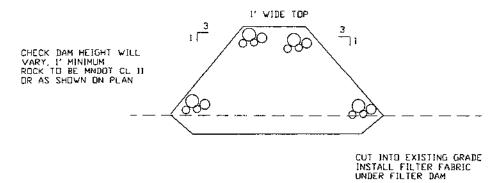
Work & Materials List

Although not made a part of this plan, a good reference for erosion control is MnDOT Standard Specifications, Section 2573 and related sections for Bale Checks, Silt Fence, Inlet Protection, Sandbags and Sediment Mat.

SWPPP Training Information:

Designer: Michael M. Mayer, PE., Certification expires 2016	
Training Course: U of M Erosion and Sediment Control Program, Design Of Construction	
SWPPP, October 14-15, 2009, St. Cloud MN; Re-certification October 30, 2012, Shoreview M.	ſΝ
Re-certification April 7, 2016, St. Cloud MN	
Mass Grading Contractor:	
Contractor CWDDD Installer/Installer	
Contractor SWPPP Installer/Inspector:	
Training/Certification:	
	
Individual Lot SWPPP Installer/Inspector:	
Training/Certification:	





ROCK CHECK DAM SECTION

6' STRAW OR COCONUT FIBER WATTLE 1' X 2' X 15' WOOD STAKES WRAP ENDS OF WATTLE UP GRADE TO TRAP SEDIMENT

DIRECTION OF RUNDEF FLOW

TYPICAL STRAW WATTLE X-SECTION

FOR LONGER DURATION INSTALLATIONS USE HEAVY DUTY FABRIC (WOVEN MONOFILAMENT-130H GRAB TENSILE) AFTER INSTALLATION, PLACE A 3/8" LATHE OR WOOD STRIP OVER THE FABRIC AND SECURE TO EACH POST WITH NAILS OR WOOD SCREWS

WOODEN POSTS SHALL BE 2' SQUARE PLACE GEOTEXTILE TO BE PLACED ON UPSTREAM SIDE OF POSTS PLACE GEOTEXTILE 6' INTO GROUND 6' UPSTREAM IN 6' DEEP x 6' WIDE TRENCH, REPLACE AND COMPACT FILL OVER GEOTEXTILE

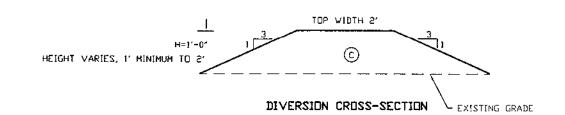
| OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER GEOTEXTILE | OVER

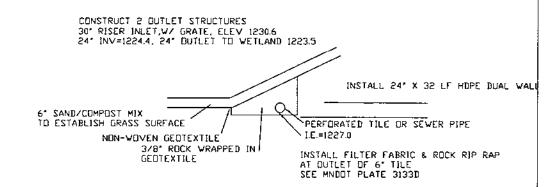
DIRECTION OF RUNDEF FLOW

8 FEET (POSTS WILL BE SHARPENED)

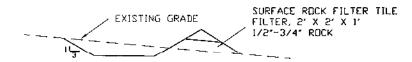
EXISTING GRADE

TYPICAL SILT FENCE X-SECTION





WATER QUALITY FILTER DUTLET

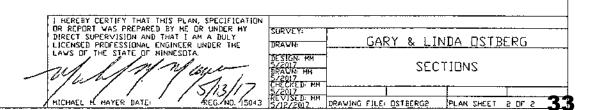


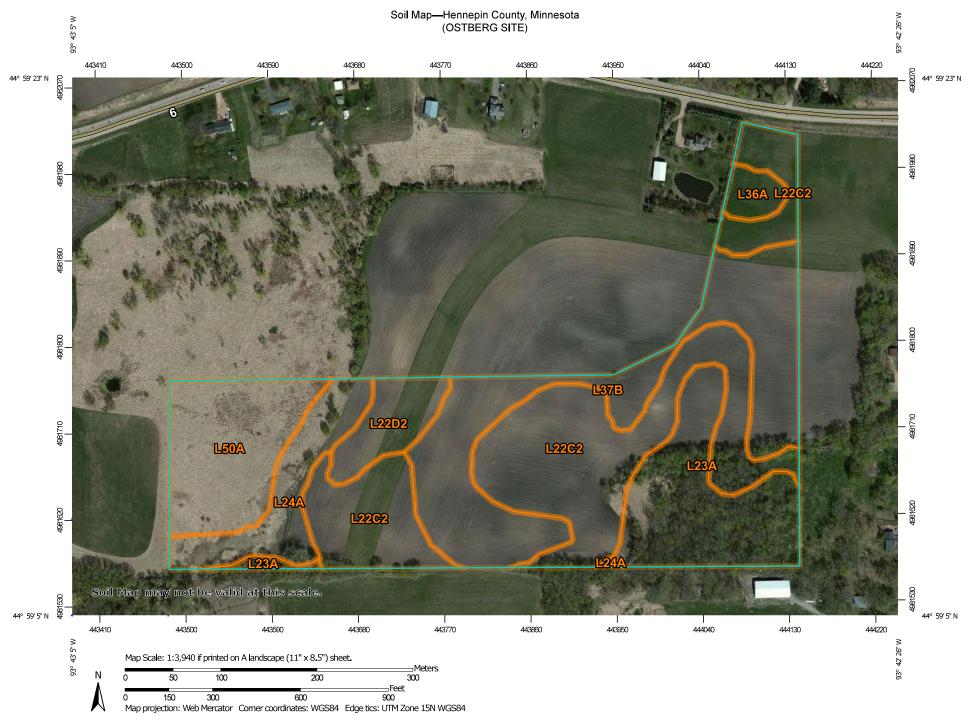
WATER QUALITY POND

FILTER TRENCH & WATER QUALITY PUND DETAILS

CONSTRUCTION NOTES:
WATER QUALITY BASIN ALONG DRIVEWAY REQUIRES 700 CF OF VOLUME.
USE 230 LF DIVERSION, MINIMUM I' TALL AND IS FT OF RETENTION AREA
MAXIMUM SLOPE 6.7% (154) TO CREATE STORAGE VOLUME
OUTLET WO POND WITH FILTER AS SHOWN ABOVE.

WATER QUALITY BASIN ALONG SOUTH LINE OF GRASS PADOCKS REQUIRES 7000 CF OF VOLUME. USE 340 LF DIVERSION, MINIMUM 2' TALL AND 45 FT OF RETENTION AREA MAXIMUM SLOPE 4.5% (22:1) TO CREATE STORAGE VOLUME OUTLET WO POND WITH FILTER AS SHOWN ABOVE.





MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

* 0

Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill Lava Flow



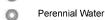
Marsh or swamp



Mine or Quarry



Miscellaneous Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

8

Spoil Area



Stony Spot



Very Stony Spot



Wet Spot Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hennepin County, Minnesota Survey Area Data: Version 12, Sep 19, 2016

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 16, 2012—Apr 6, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Hydro	Hydrologic Soil Group— Summary by Map Unit — Hennepin County, Minnesota (MN053)											
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI								
L22C2	Lester loam, 6 to 10 percent slopes, moderately eroded	С	13.0	33.9%								
L22D2	Lester loam, 10 to 16 percent slopes, moderately eroded	С	1.8	4.7%								
L23A	Cordova loam, 0 to 2 percent slopes	C/D	5.8	15.1%								
L24A	Glencoe clay loam, 0 to 1 percent slopes	C/D	3.1	8.2%								
L36A	Hamel, overwash-Hamel complex, 0 to 3 percent slopes	C/D	0.7	1.8%								
L37B	Angus loam, 2 to 6 percent slopes	С	9.1	23.7%								
L50A	Muskego and Houghton soils, 0 to 1 percent slopes	C/D	4.8	12.6%								
Totals for Area of Inter	rest		38.4	100.0%								

Rating Options

Aggregation Method: Dominant Condition
Component Percent Cutoff: None Specified

Tie-break Rule: Higher

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Page 1

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: EXISTING SITE Runoff Area=40.200 ac 0.00% Impervious Runoff Depth>0.98"

Flow Length=1,152' Tc=21.5 min CN=81 Runoff=41.53 cfs 3.295 af

Subcatchment2S: PRPOPSED SITE Runoff Area=40.200 ac 4.13% Impervious Runoff Depth>0.83"

Tc=0.0 min CN=78 Runoff=68.97 cfs 2.771 af

Total Runoff Area = 80.400 ac Runoff Volume = 6.066 af Average Runoff Depth = 0.91" 97.94% Pervious = 78.740 ac 2.06% Impervious = 1.660 ac

Page 2

Summary for Subcatchment 1S: EXISTING SITE

Runoff = 41.53 cfs @ 12.33 hrs, Volume= 3.295 af, Depth> 0.98"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs MSE 24-hr 3 Rainfall=2.56"

	Area	(ac) (N Des	cription							
_	25.	000	81 Row	crops, C	+ CR, Good	d, HSG C					
	1.	300	73 Woods, Fair, HSG C								
	6.	100	79 Woods, Fair, HSG D								
*	7.	300	85 Wet	5 Wetland 50% Ponded							
	0.	500	78 Mea	dow, non-	grazed, HS	SG D					
	40.	200	81 Weig	ghted Avei	age						
	40.	200	100.	00% Pervi	ous Area						
	Tc	Length	Slope	Velocity	Capacity	Description					
_	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)						
	6.0	150	150 0.0330 0.42 Sheet Flow,								
						Cultivated: Residue<=20% n= 0.060 P2= 2.56"					
	5.5	500	500 0.0280 1.51 Shallow Concentrated Flow,								
			Cultivated Straight Rows Kv= 9.0 fps								
	10.0	502	0.0280	0.84		Shallow Concentrated Flow,					
						Woodland Kv= 5.0 fps					
	21.5	1.152	Total								

21.5 1,152 Total

Summary for Subcatchment 2S: PRPOPSED SITE

Runoff = 68.97 cfs @ 12.05 hrs, Volume= 2.771 af, Depth> 0.83"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs MSE 24-hr 3 Rainfall=2.56"

	Area (ac)	CN	Description
_	Alea (ac)	CIN	Description
*	0.680	98	Roof
*	0.490	98	Paved Drive
*	0.490	98	Gravel drive
*	1.040	85	Sand outdoor ring
	16.740	74	Pasture/grassland/range, Good, HSG C
	5.560	74	>75% Grass cover, Good, HSG C
*	7.300	85	Wetland
*	0.500	78	meadow
*	1.300	73	Woods, C
*	6.100	79	Woods, D
	40.200	78	Weighted Average
	38.540		95.87% Pervious Area
	1.660		4.13% Impervious Area

OSTBERG

MSE 24-hr 3 Rainfall=4.26"

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Page 1

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: EXISTING SITE Runoff Area=40.200 ac 0.00% Impervious Runoff Depth>2.34"

Flow Length=1,152' Tc=21.5 min CN=81 Runoff=101.30 cfs 7.834 af

Subcatchment2S: PRPOPSED SITE Runoff Area=40.200 ac 4.13% Impervious Runoff Depth>2.10"

Tc=0.0 min CN=78 Runoff=176.30 cfs 7.022 af

Total Runoff Area = 80.400 ac Runoff Volume = 14.856 af Average Runoff Depth = 2.22" 97.94% Pervious = 78.740 ac 2.06% Impervious = 1.660 ac

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Page 1

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: EXISTING SITE Runoff Area=40.200 ac 0.00% Impervious Runoff Depth>5.10"

Flow Length=1,152' Tc=21.5 min CN=81 Runoff=217.78 cfs 17.076 af

Subcatchment2S: PRPOPSED SITE Runoff Area=40.200 ac 4.13% Impervious Runoff Depth>4.77"

Tc=0.0 min CN=78 Runoff=389.12 cfs 15.966 af

Total Runoff Area = 80.400 ac Runoff Volume = 33.042 af Average Runoff Depth = 4.93" 97.94% Pervious = 78.740 ac 2.06% Impervious = 1.660 ac

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Page 1

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: EXISTINGSECorner Runoff Area=19.050 ac 0.00% Impervious Runoff Depth>0.93" Flow Length=1,152' Tc=21.5 min CN=80 Runoff=18.45 cfs 1.475 af

Subcatchment2S: ProposedSERunoff Area=19.050 ac 7.24% Impervious Runoff Depth>0.82"

Flow Length=1,780' Tc=46.6 min CN=78 Runoff=10.18 cfs 1.307 af

Total Runoff Area = 38.100 ac Runoff Volume = 2.781 af Average Runoff Depth = 0.88" 96.38% Pervious = 36.720 ac 3.62% Impervious = 1.380 ac

Page 2

Summary for Subcatchment 1S: EXISTINGSECorner

Runoff = 18.45 cfs @ 12.33 hrs, Volume= 1.475 af, Depth> 0.93"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs MSE 24-hr 3 Rainfall=2.56"

_	Area	(ac) C	N Desc	cription								
	11.650 81 Row crops, C + CR, Good, HSG C 1.300 73 Woods, Fair, HSG C											
	1.	300 7										
6.100 79 Woods, Fair, HSG D												
	19.	050 8		ghted Aver								
	19.	050	100.	00% Pervi	ous Area							
	Tc	Length	Slope	Velocity	Capacity	Description						
	(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)							
	6.0	150	0.0330	0.42		Sheet Flow,						
						Cultivated: Residue<=20% n= 0.060 P2= 2.56"						
	5.5	500	0.0280	1.51		Shallow Concentrated Flow,						
						Cultivated Straight Rows Kv= 9.0 fps						
	10.0	502	0.0280	0.84		Shallow Concentrated Flow,						
						Woodland Kv= 5.0 fps						
•	21.5	1,152	Total			•						

Summary for Subcatchment 2S: ProposedSE

Runoff = 10.18 cfs @ 12.69 hrs, Volume= 1.307 af, Depth> 0.82"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-24.00 hrs, dt= 0.05 hrs MSE 24-hr 3 Rainfall=2.56"

	Area (ac)	CN	Description
*	0.680	98	Roof
*	0.700	98	Paved Drive
*	1.040	85	Sand Paddock
	9.230	74	Pasture/grassland/range, Good, HSG C
*	1.300	73	Woods, C
*	6.100	79	Woods, D
	19.050	78	Weighted Average
	17.670		92.76% Pervious Area
	1.380		7.24% Impervious Area

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Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
12.4	150	0.0330	0.20		Sheet Flow,
					Grass: Short n= 0.150 P2= 2.56"
6.7	400	0.0200	0.99		Shallow Concentrated Flow,
					Short Grass Pasture Kv= 7.0 fps
1.7	280	0.0350	2.81		Shallow Concentrated Flow,
					Grassed Waterway Kv= 15.0 fps
8.7	350	0.0020	0.67		Shallow Concentrated Flow,
					Grassed Waterway Kv= 15.0 fps
17.1	600	0.0070	0.59		Shallow Concentrated Flow,
					Short Grass Pasture Kv= 7.0 fps
46.6	1,780	Total			

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Page 1

Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1S: EXISTINGSECorner Runoff Area=19.050 ac 0.00% Impervious Runoff Depth>2.26" Flow Length=1,152' Tc=21.5 min CN=80 Runoff=46.28 cfs 3.580 af

Subcatchment2S: ProposedSERunoff Area=19.050 ac 7.24% Impervious Runoff Depth>2.09"

Flow Length=1,780' Tc=46.6 min CN=78 Runoff=27.24 cfs 3.315 af

Total Runoff Area = 38.100 ac Runoff Volume = 6.895 af Average Runoff Depth = 2.17" 96.38% Pervious = 36.720 ac 3.62% Impervious = 1.380 ac

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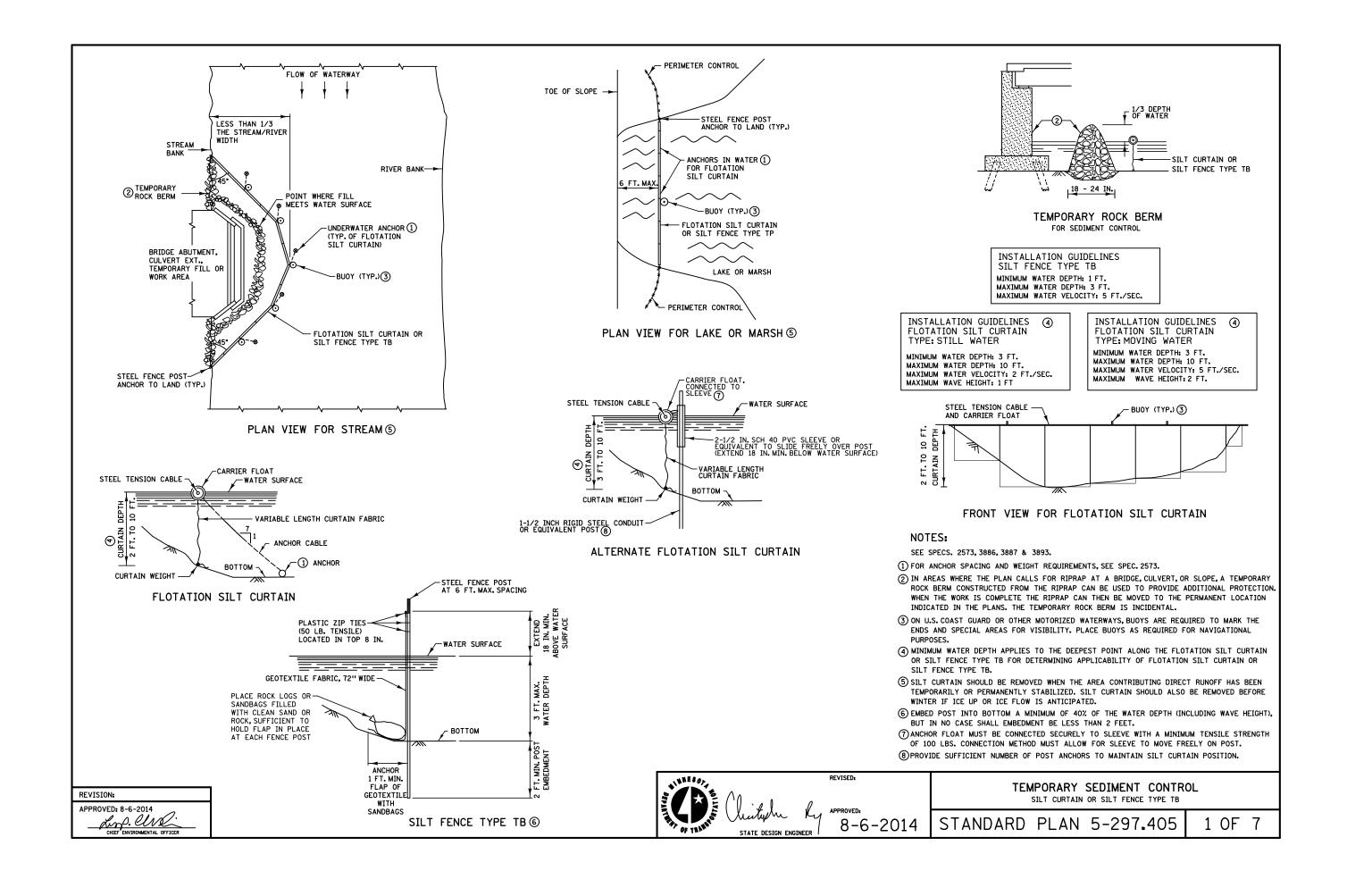
Time span=0.00-24.00 hrs, dt=0.05 hrs, 481 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

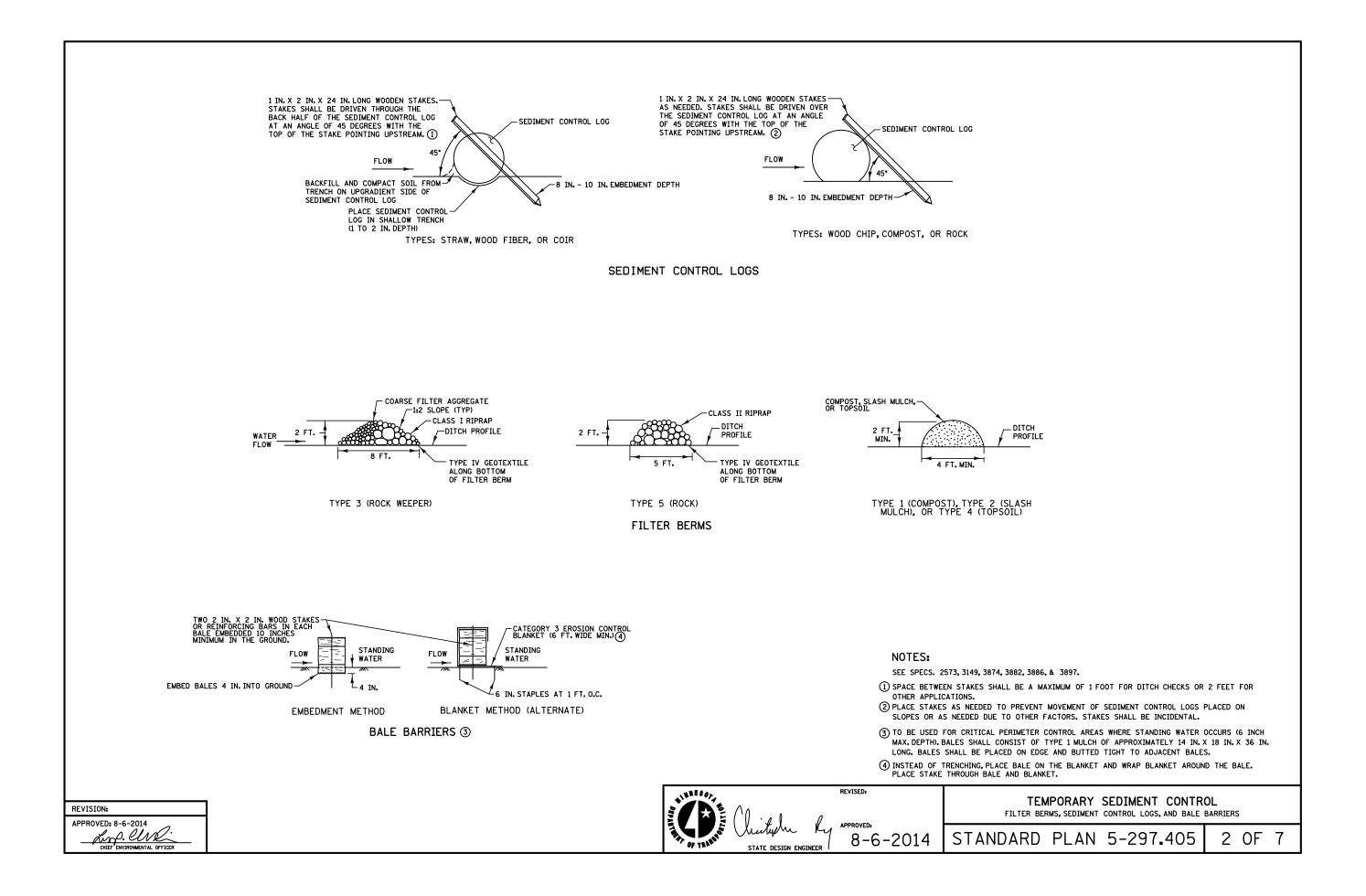
Subcatchment1S: EXISTINGSECorner Runoff Area=19.050 ac 0.00% Impervious Runoff Depth>4.98" Flow Length=1,152' Tc=21.5 min CN=80 Runoff=101.20 cfs 7.913 af

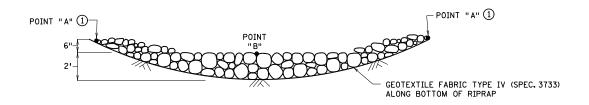
Subcatchment2S: ProposedSERunoff Area=19.050 ac 7.24% Impervious Runoff Depth>4.75"

Flow Length=1,780' Tc=46.6 min CN=78 Runoff=62.20 cfs 7.541 af

Total Runoff Area = 38.100 ac Runoff Volume = 15.454 af Average Runoff Depth = 4.87" 96.38% Pervious = 36.720 ac 3.62% Impervious = 1.380 ac



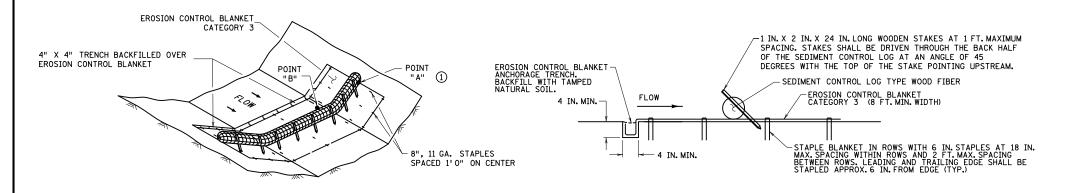




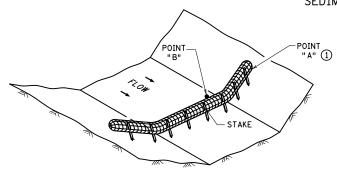
ROCK DITCH CHECKS
FILTER BERMS TYPE 3 (ROCK WEEPER) OR FILTER TYPE 5 (ROCK) ②③ (FOR USE ON ROUGH GRADED AREAS)

BOTTOM OF UPPER CHECK SHOULD BE SAME ELEVATION AS THE TOP OF THE LOWER CHECK TO PROVIDE FOR POOLING. FLOW FILTER BERM TYPE 3 OR 5 (SHOWN) SPACING (Y) DETERMINED BY FORMULA (SEE NOTES)

> DITCH CHECK SPACING (FOR ALL FILTER BERM TYPES)



SEDIMENT CONTROL LOG TYPE BLANKET SYSTEM 4



SEDIMENT CONTROL LOG TYPE WOOD FIBER, OR TYPE COMPOST (5) (FOR USE ON ROUGH GRADED AREAS)

REVISION: APPROVED: 8-6-2014 CHIEF ENVIRONMENTAL OFFICER

SEE SPECS. 2573, 3601, 3733, 3885, 3886 & 3889.

FOR DITCH CHECKS, PLACE SEDIMENT CONTROL LOG PERPENDICULAR TO FLOW AND IN A CRESCENT SHAPE WITH THE ENDS FACING UPSTREAM.

APPROXIMATE SPACING BETWEEN EACH DITCH CHECK SHOULD BE DETERMINED FROM THE FOLLOWING SPACING FORMULA: DITCH CHECK HEIGHT (FT) APPROXIMATE SPACING OF DITCH CHECKS (FT.) = Y = -- X 100

% CHANNEL SLOPE

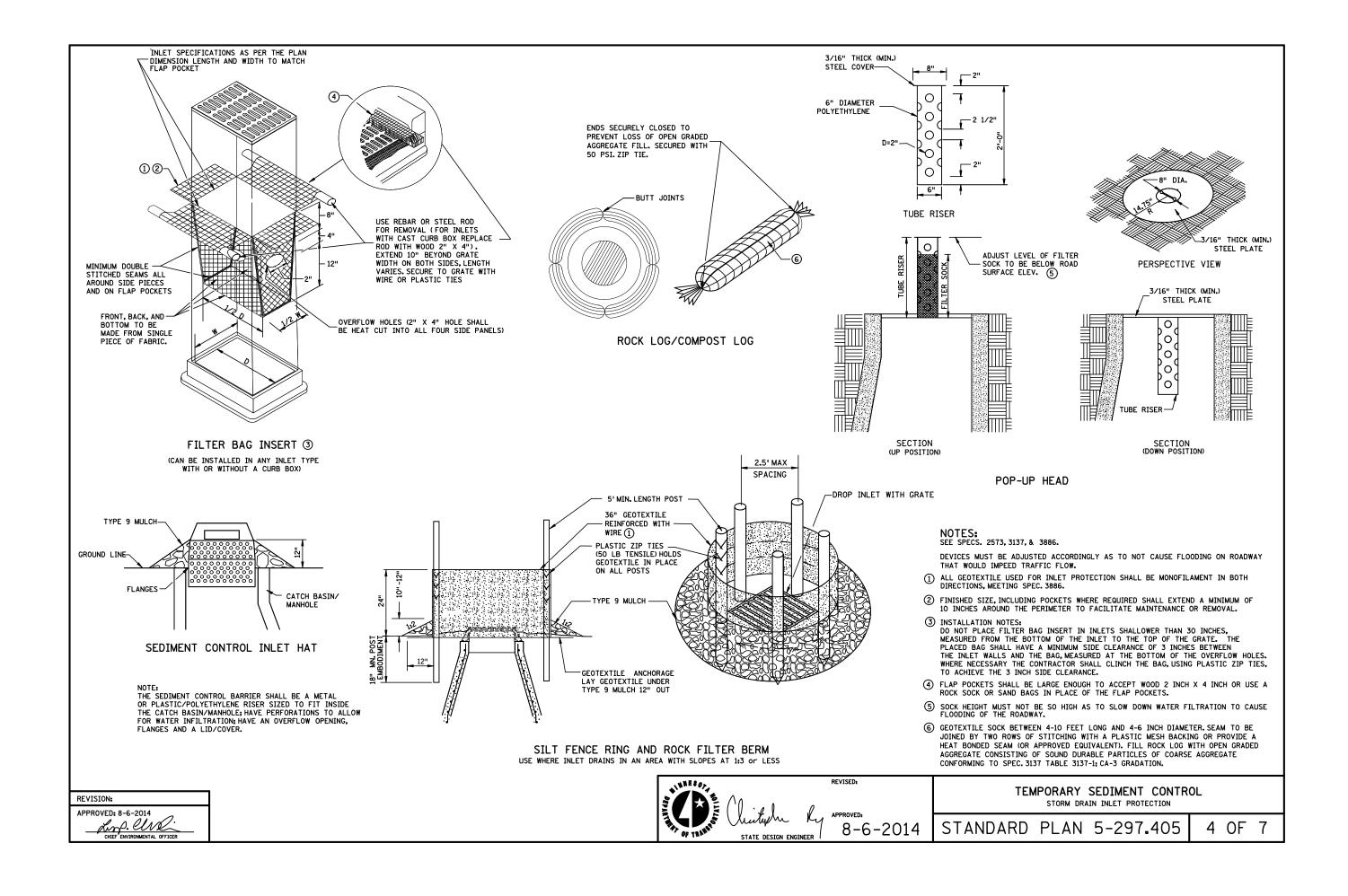
- ① POINT "A" MUST BE A MINIMUM OF 6 INCHES HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.
- ② PERMANENT ROCK DITCH CHECKS PLACED WITHIN THE CLEAR ZONE ARE TO BE 18" OR LESS IN HEIGHT. A 1:6 APPROACH AND DEPARTURE SLOPE SHALL BE PROVIDED.
- $\ensuremath{\mbox{\ensuremath{\mbox{\scriptsize 3}}}}$ DITCH GRADE 3% 5%, MAX.FLOW VELOCITY 12 FT./SEC..
- 4 DITCH GRADE 1.5% 3%, MAX. FLOW VELOCITY 4.5 FT./SEC..
- (5) DITCH GRADE 1.5% 3%, MAX. FLOW VELOCITY 1.5 FT./SEC..

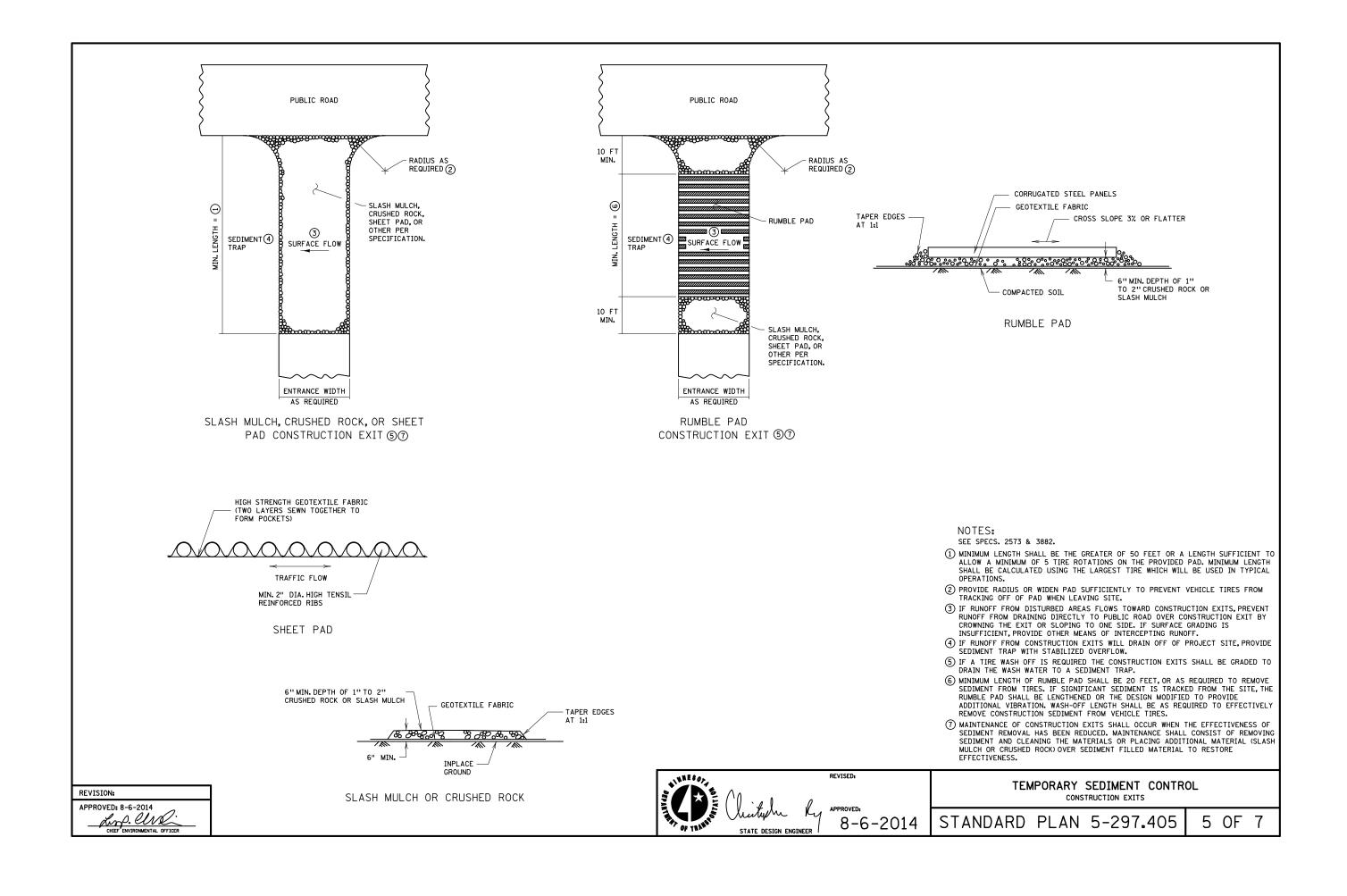
8-6-2014

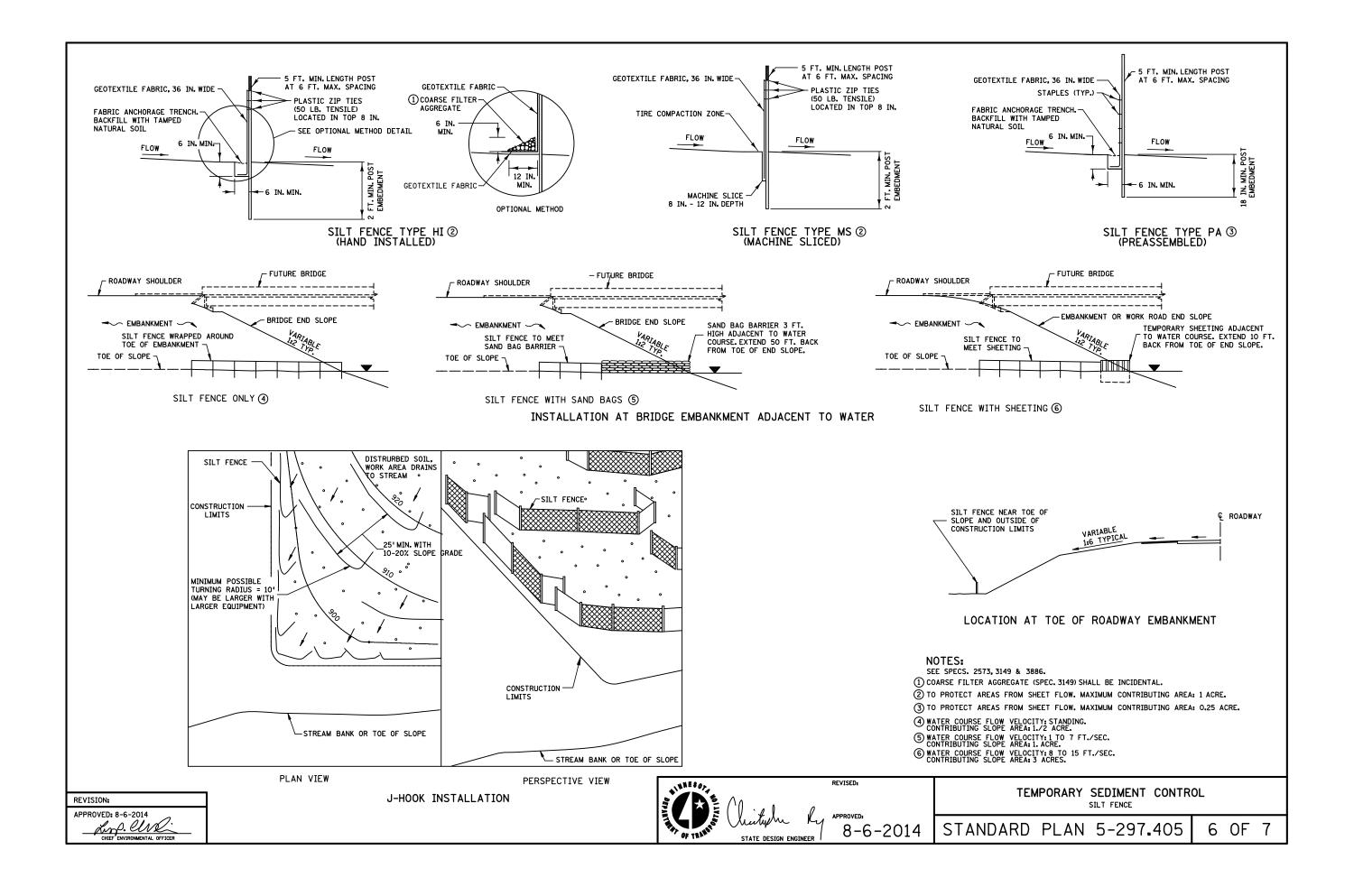
REVISED:

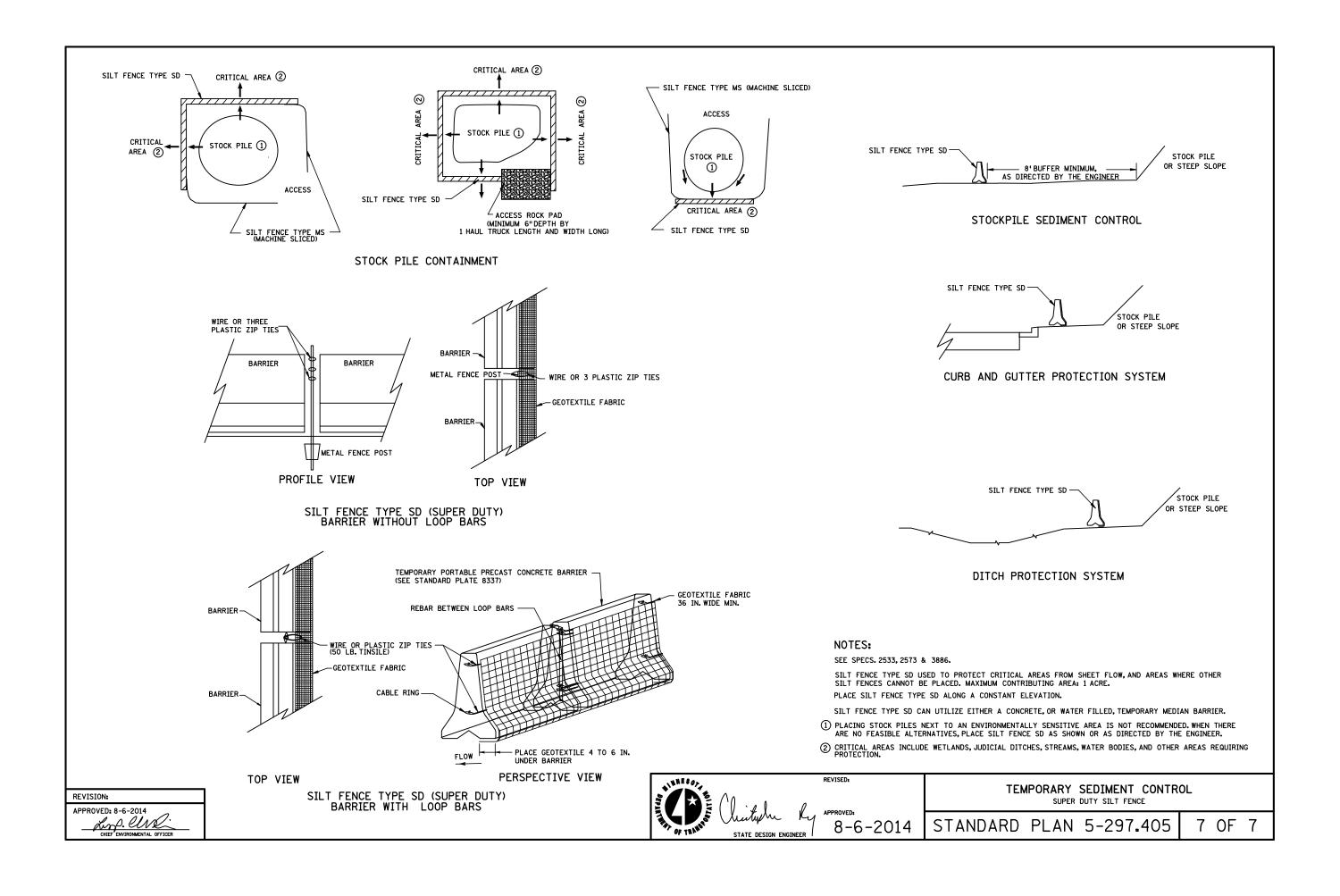
TEMPORARY SEDIMENT CONTROL DITCH CHECK

STANDARD PLAN 5-297.405 3 OF









QUANTITIES RIPRAP AT CMP OUTLETS 9 TABLE

CLASS II CLASS III CLASS III CLASS III CLASS III d50 = 17 CLASS II				
CLASS III CLASS III CLASS III GETH CRANULAR FILTER FILTE		S IV = 12''	12" DEPTH GRANULAR FILTER (CU. YD.)	3.2 3.5 4.7 5.5 6.5 8.6 13.5
CLASS II CLASS GOVER OUT		CLAS d50	24" DEPTH RIPRAP (CU.YD.)	6.3 9.4 10.9 13.0 17.1 27.8 27.0
CLASS II CLASS II d50 = 6" DEPTH CRULAR FILTER (FT.) (CU. YD.) (CU. YD.) 8 3.2 1.6 8 3.5 1.8 10 4.7 2.4 10 5.5 2.8 12 6.5 3.3 14 8.6 4.3 16 10.9 5.5 16 10.9 5.5	LE	III = 9''	9" DEPTH GRANULAR FILTER (CU. YD.)	0.0.2.4.0.8.0.7.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0
CLASS II CLASS II d50 = 6" DEPTH CRULAR FILTER (FT.) (CU. YD.) (CU. YD.) 8 3.2 1.6 8 3.5 1.8 10 4.7 2.4 10 5.5 2.8 12 6.5 3.3 14 8.6 4.3 16 10.9 5.5 16 10.9 5.5		CLAS: d50	18" DEPTH RIPRAP (CU.YD.)	7.7.7. 2.0.8. 2.0.3. 2.0.3. 2.0.3.
CL DEPTH (FT.) (CU. YD. 8 3.5 8 3.5 10 6.5 11 6.10.9	L L L L	S II	6" DEPTH GRANULAR FILTER (CU. YD.)	0.1.2.2.2.4.2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0
	1	CLAS d50	12" DEPTH RIPRAP (CU.YD.)	ww4.n.o∞0w.c. c.v.v.o∞v.c.
			L (FT.)	8 8 8 1 0 0 1 1 6 8 8 1 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6

RIPRAP AT CMP-A OUTLETS TABLE OF QUANTITIES

		CLAS	CLASS II	CLASS III	S III	CLAS	CLASS IV
		d50	- 6"	₌ 05p	- 9"	d50 =	= 12"
SPAN			9		6		15
OF.		12''	DEPTH	18"	DEPTH	24"	DEPTH
PIPE	_	DEPTH	GRANULAR	DEPTH	GRANULAR	DEPTH	GRANULAR
ARCH		RIPRAP	FILTER	RIPRAP	FILTER	RIPRAP	FILTER
· NI	(FT.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU, YD,)
17	8	3.4	1.7	5.0	2.5	6.7	3.4
21	10	4.6	2.3	6.8	3.4	9.1	4.6
24	10	5.2	2.6	7.6	3.8	10.1	5.1
28	12	6.3	3.2	9.5	4.8	12.6	6.3
35	14	8.3	4.2	12.4	6.2	16.5	8.3
42	16	10.8	5.4	16.2	8.1	21.5	10.8
49	18	13.0	6.5	19.5	8.6	26.0	13.0
57	20	16.2	8.1	24.3	12.2	32.4	16.2

REQUIREMENTS FOR RIPRAP SIZE AND THICKNESS AND FILTER BLANKET WILL BE DESIGNATED IN THE PLANS.

(1) FOR PIPES GREATER THAN OR EQUAL TO 30", USE 1.5".
(2) THE CONTRACTOR, AT HIS OPTION, MAY SUBSTITUTE A GEOTEXTILE FABRIC, SPEC, 3733, FOR THE GRANULAR FILTER BLANKET UNLESS OTHERWISE SPECIFIED IN THE PLANS. THE FABRIC SHOULD COVER THE AREA OF THE RIPRAP AND EXTEND UNDER THE CULVERT APRON 3 FT.

DIMENSIONS W AND A ARE GIVEN ON STANDARD PLATES 3122 AND 3123, (m)

RIPRAP SECTION A-A GRANULAR FILTER BLANKET (2)

PLAN

RIPRAP $_{\blacktriangle}^{\odot}$ $_{\Omega}$ SECTION B-B (2) 1.0' GRANULAR FILTER BLANKET (2) 2' MIN. 2' MIN. AO .AIO

APPROVED

MARCH 17,1997

Squally. Robrench STATE DESIGN ENGINEER

STATE DEPARTMENT OF MINNESOTA
OF TRANSPORTATION

AT CMP OUTLETS RIPRAP

SPECIFICATION REFERENCE 3601 3733

REVISED 3-25-2000 A.K.J.

STANDARD PLATE NO.

3134C



Step 1 - Site Preparation

Prepare site to design profile and grade. Remove debris, rocks, clods, etc.. Ground surface should be smooth prior to installation to ensure blanket remains in contact with slope.

Step 2 - Seeding

Seeding of site should be conducted to design requirements or to follow local or state seeding requirements as necessary.

Stap 3 - Staple Selection

At a minimum, 6 in. long by 1 in. crown, 11 gauge staples are to be used to secure the blanket to the ground surface. Installation in rocky, sandy or other loose soil may require longer staples.

Step 4 - Excavate Anchor Trench and Secure Blanket

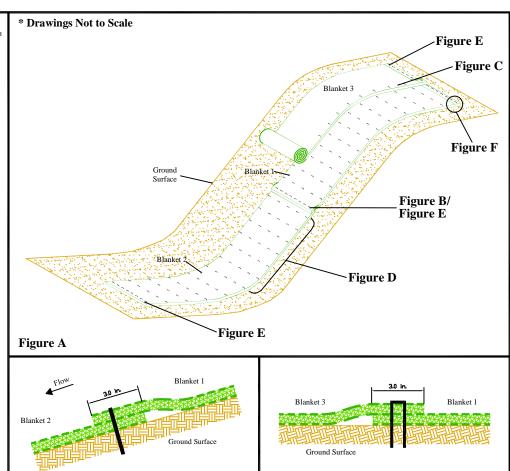
Excavate a trench along the top of the slope to secure the upstream end of the blanket. The trench should run along the length of the installation, be 6 in. wide and 6 in. deep. Staple blanket along bottom of trench, fill with compacted soil, overlap blanket towards toe of slope and secure with row of staples (shown in Figures A, E and F).

Step 5 - Secure Body of Blanket

Roll blanket down slope from anchor trench. Staple body of blanket following the pattern shown in Figure D. Leave end of blanket unstapled to allow for overlap shown in Figure B. Place downstream blanket underneath upstream blanket to form shingle pattern. Staple seam as shown in Figure E. Secure downstream blanket with stapling pattern shown in Figure D reflects minimum staples to be used. More staples may be required to ensure blanket is sufficiently secured to resist mowers and foot traffic and to ensure blanket is in contact with soil surface over the entire area of blanket. Further, critical points require additional staples. Critical points are identified in Figure G.

Step 6 - Continue Along Slope - Complete Installation

Overlap adjacent blankets as shown in Figure C and repeat Step 5. Secure toe of slope using stapling pattern shown in Figure E. Secure edges of installation by stapling at 1.0' intervals along the terminal edge.



Product Application/Equivalency Specifications

Figure B - Profile View

Excel R-1 is produced by Western Excelsior and consists of a temporary Rolled Erosion Control Product (RECP) comprised of an excelsior matrix mechanically (stitch) bound to a single, photodegradable synthetic net (top). The expected longevity of Excel R-1 is approximately 18 months (actual longevity dependent on field and climatic conditions). Excel R-1 is manufactured to include physical properties sufficient to provide the intended longevity and performance. Product specifications may be found on document WE_EXCEL_R1_SPEC and performance information may be found on document WE_EXCEL_R1_PERF. All documents are available from Western Excelsior Technical Support or www.westernexcelsior.com. Additional to above, equivalent products to Excel R-1 must meet identical criteria as Excel R-1 as follows:

Figure C - Cross Section View

- Consist of machine produced, weed and debris free excelsior bound to a single, synthetic, photodegradable net.
- Sufficient tensile strength, thickness and coverage to maintain integrity during installation and ensure material performance.
- 3. Listing within AASHTO NTPEP database.
- 4. Meet ECTC specification for category 2C product.

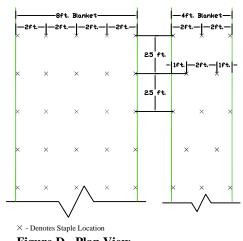


Figure D - Plan View

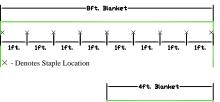


Figure E -Plan View



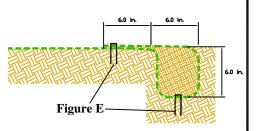


Figure F - Profile View

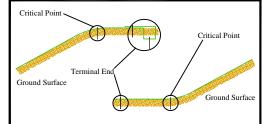


Figure G - Critical Point Securing



Channel InstallationInstructions EXCEL R-1

Step 1 - Site Preparation

Prepare site to design profile and grade. Remove debris, rocks, clods, etc.. Ground surface should be smooth prior to installation to ensure blanket remains in contact with slope.

Step 2 - Seeding

Seeding of site should be conducted to design requirements or to follow local or state seeding requirements as necessary.

Stap 3 - Staple Selection

At a minimum, 6 in. long by 1 in. crown, 11 gauge staples are to be used to secure the blanket to the ground surface. Installation in rocky, sandy or other loose soil may require longer staples.

Step 4 - Excavate Anchor Trench and Secure Blanket

Excavate a trench along the top of the channel side slopes and the upstream terminal end of the channel to secure the edges of the blanket. The trench should run along the length and width of the installation, be 6 in. wide and 6 in. deep. Staple blanket along bottom of trench, fill with compacted soil, overlap blanket towards toe of slope and secure with row of staples (shown in Figures A, E and F).

Step 5 - Secure Body of Blanket

Roll blanket down slope from anchor trench. Staple body of blanket following the pattern shown in Figure D. Leave end of blanket unstapled to allow for overlap shown in Figure B. Place downstream blanket underneath upstream blanket to form shingle pattern. Staple seam as shown in Figure E. Secure downstream blanket with stapling pattern shown in Figure D reflects minimum staples to be used. More staples may be required to ensure blanket is sufficiently secured to resist mowers and foot traffic and to ensure blanket is in contact with soil surface over the entire area of blanket. Further, critical points require additional staples. Critical points are identified in Figure G.

Step 6 - Continue Along Slope - Complete Installation

Overlap adjacent blankets as shown in Figure C and repeat Step 5. Secure toe of slope using stapling pattern shown in Figure E. Secure edges of installation by stapling at 1.0' intervals along the terminal edge.

* Drawings Not to Scale

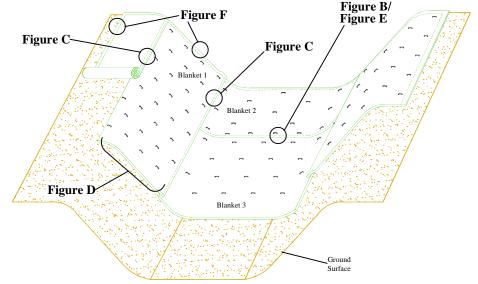


Figure A

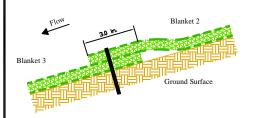


Figure B - Profile View

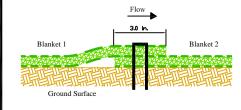


Figure C - Cross Section View

Product Application/Equivalency Specifications

Excel R-1 is produced by Western Excelsior and consists of a temporary Rolled Erosion Control Product (RECP) comprised of an excelsior matrix mechanically (stitch) bound to a single, photodegradable synthetic net (top). The expected longevity of Excel R-1 is approximately 18 months (actual longevity dependent on field and climatic conditions). Excel R-1 is manufactured to include physical properties sufficient to provide the intended longevity and performance. Product specifications may be found on document WE_EXCEL_R1_SPEC and performance information may be found on document WE_EXCEL_R1_PERF. All documents are available from Western Excelsior Technical Support or www.westernexcelsior.com. Additional to above, equivalent products to Excel R-1 must meet identical criteria as Excel R-1 as follows:

- Consist of machine produced, weed and debris free excelsior bound to a single, synthetic, photodegradable net.
- Sufficient tensile strength, thickness and coverage to maintain integrity during installation and ensure material performance.
- 3. Listing within AASHTO NTPEP database.
- 4. Meet ECTC specification for category 2C product.

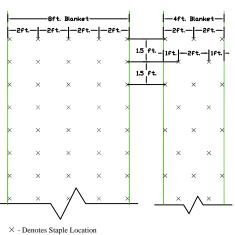


Figure D - Plan View

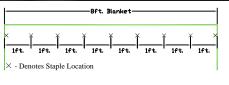
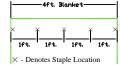


Figure E -Plan View



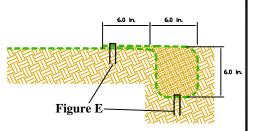


Figure F - Profile View

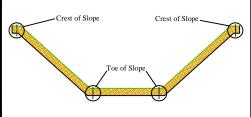


Figure G - Critical Point Securing

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	INSPECTORS INITIALS	ROUTINE WEEKLY	24HRS AFTER A JOILDA SECENT NOILDA	MDNTH			INSIGNIFICANT RAI NO INSPECTION NE	11101 L			ALL EROSION & SEDIMENT CONTROL BMP'S	TEMPORARY SEDIMENTATION BASINS	DRAINAGE DITCHES & OTHER WATERS OF THE STATE	CONSTRUCTION SITE EXIT NO INSPECTION NEEDED	REGAR DING THEIR FINDINGS IN THE BLANKS PROVIDED BELOW AND ON THE BACK OF THIS SHEET. REFER TO THE MPCA'S "GUIDE FOR EROSION AND SEDIMENT CONTROL" DURING INSPECTION OF THESE AREAS AT THE GONSTRUCTION SITE.
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CERTIFICATE OF SURVEY FOR GARY OSTBERG

IN THE NE 1/4 OF SEC. 33-118-24 HENNEPIN COUNTY, MINNESOTA

R=2341.83 Δ=05°26′ 16″ ____L=222.25

60. RD. NO. 6 8 1010

986 NORTH LINE OF SE 1/4 OF NE 1/4 OF SE6, 33-118-24

SW'LY RIGHT-OF-WAY LINE OF CO. RD. NO. 6

POTENTIAL FARMED WETLAND PER KJOLHAUG ENV. SERV. CO.

 $\widehat{\mu}$

,30°° 99°°

LEGAL DESCRIPTION OF PREMISES

That part of the following described property:

The Southeast Quarter of the Northeast Quarter of Section 33, Township 118 North, Range 24 West of the 5th Principal Meridian, EXCEPT the East 400 feet of said Southeast Quarter of the Northeast Quarter; ALSO the Southwest Quarter of the Northeast Quarter of said Section 33; ALSO that part of the Northeast Quarter of the Northeast Quarter of said Section 33 lying West of the East 400 feet of said Northeast Quarter of the Northeast Quarter and lying South of the Southerly right of way line of County Road No. 6,

which lies southeasterly of the following described line and its extensions:

Commencing at the Southwest corner of said Southwest Quarter of the Northeast Quarter; thence on an assumed bearing of North 1 degree 13 minutes 30 seconds West along the West line of said Southwest Quarter of the Northeast Quarter a distance of 655.00 feet to the point of beginning of the line being described; thence North 89 degrees 28 minutes 30 seconds East a distance of 1545.00 feet; thence along a tangential curve concave to the Northwest with a central angle of 77 degrees and a radius of 300.00 feet a distance of 403.17 feet; thence North 12 degrees 28 minutes 30 seconds East to its intersection with the Southerly right of way line of County Road No. 6 and said line there ending No. 6, and said line there ending.

o : denotes iron marker

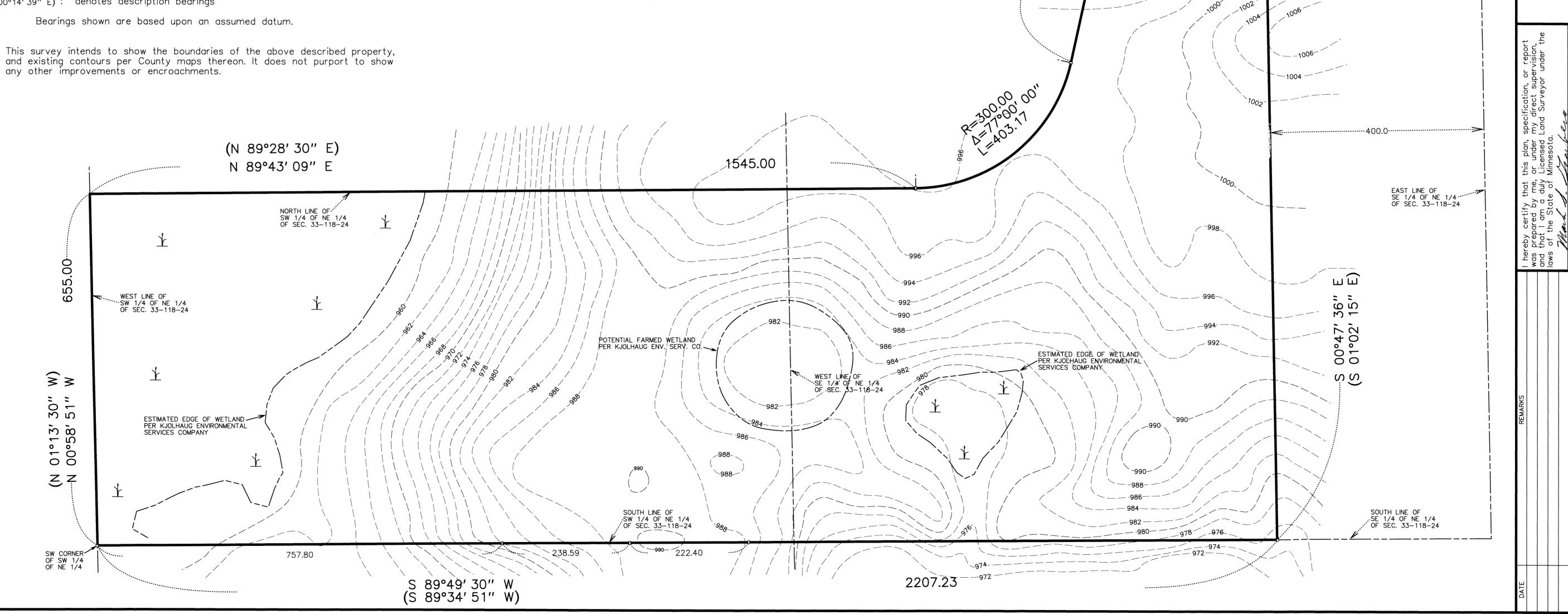
—— 917——: denotes existing contour line, per County maps

N 00°14′39″ E: denotes bearings per Hennepin County coordinates

(N 00°14′39″E): denotes description bearings

Bearings shown are based upon an assumed datum.

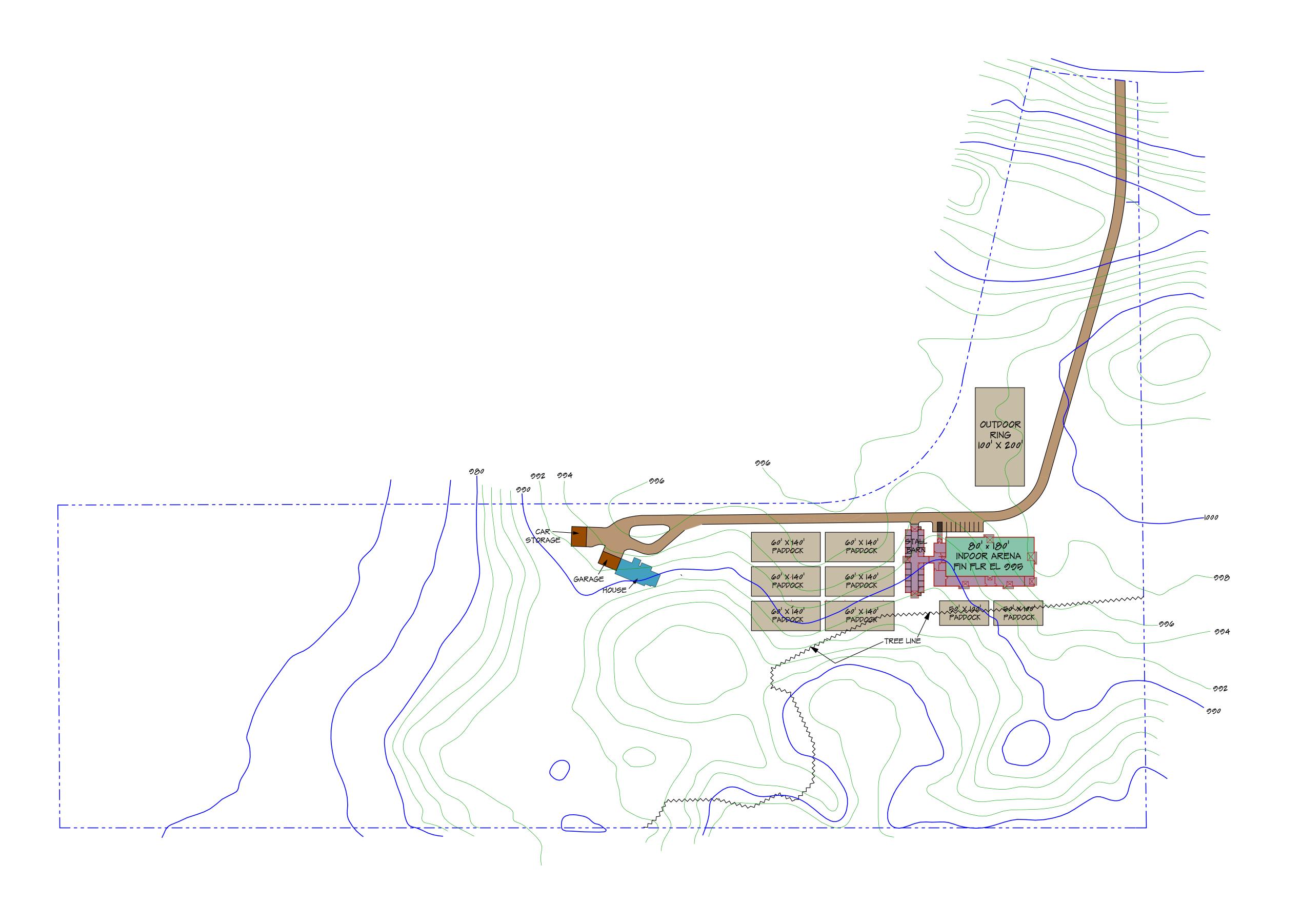
This survey intends to show the boundaries of the above described property, and existing contours per County maps thereon. It does not purport to show

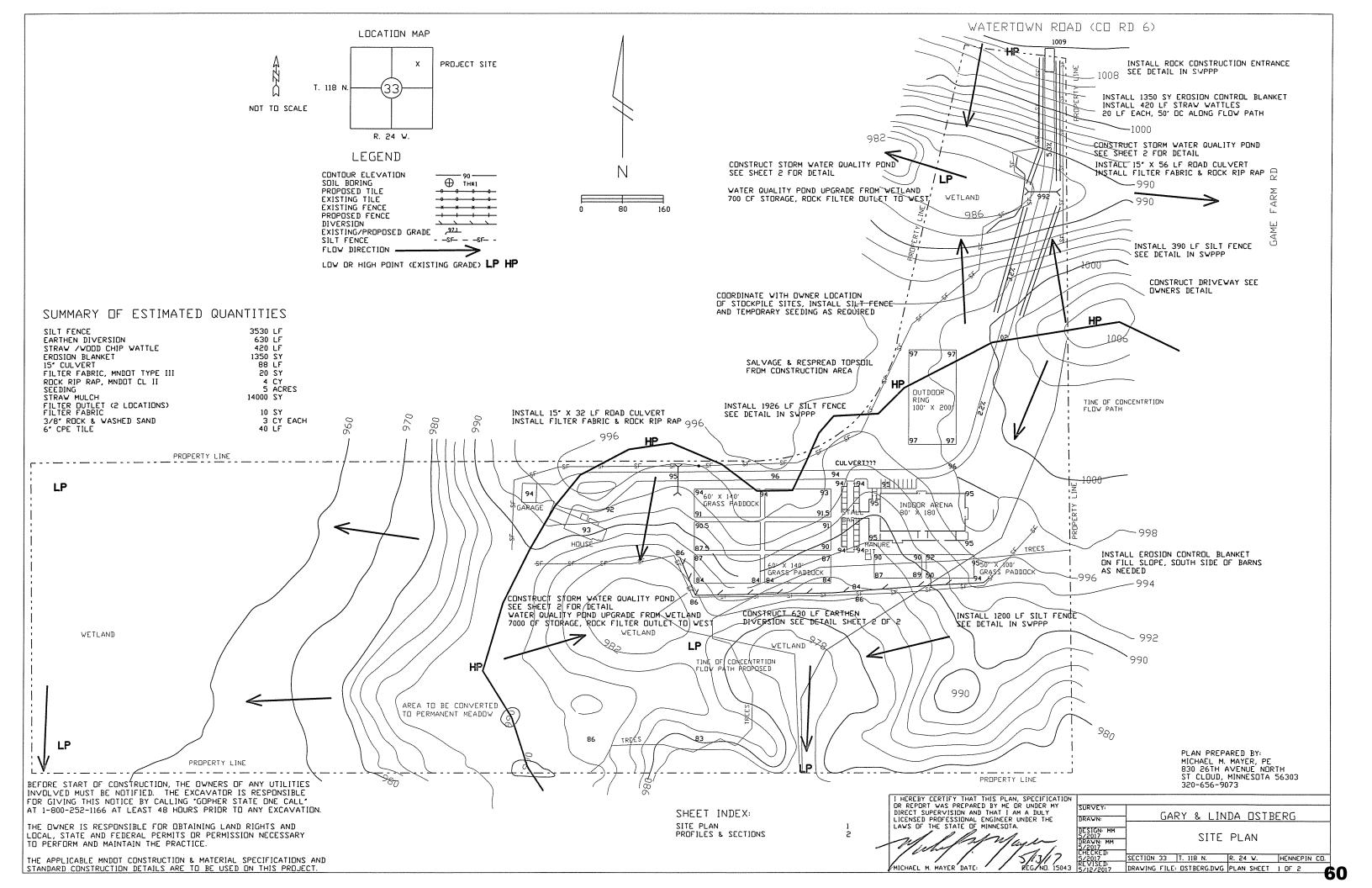


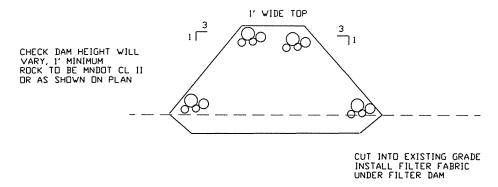
RONBERG CIVIL ENGINNERS,

EAST LINE OF NE 1/4 OF NE 1/4----OF SEC. 33-118-24

SOUTH LINE OF NE 1/4 OF NE 1/4 OF SEC. 33-118-24







ROCK CHECK DAM SECTION

6' STRAW OR COCONUT FIBER WATTLE
1' X 2' X 15' WOOD STAKES
WRAP ENDS OF WATTLE UP GRADE
TO TRAP SEDIMENT

DIRECTION OF RUNOFF FLOW

EXISTING GRADE

TYPICAL STRAW WATTLE X-SECTION

FOR LONGER DURATION INSTALLATIONS USE HEAVY
DUTY FABRIC (WOVEN MONOFILAMENT-130# GRAB TENSILE)
AFTER INSTALLATION, PLACE A 3/8" LATHE OR WOOD STRIP
OVER THE FABRIC AND SECURE TO EACH POST
WITH NAILS OR WOOD SCREWS

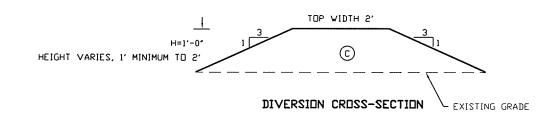
WOODEN POSTS SHALL BE 2' SOUARE, PLACE GEOTEXTILE 6' INTO GROUND 6' UPSTREAM IN 6' DEEP x 6' WIDE TRENCH, REPLACE AND COMPACT FILL THE BOTTOM OF THE GEOTEXTILE POST SPACING WILL NOT EXCEED

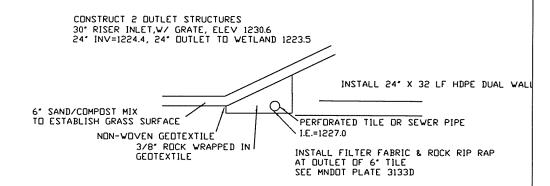
8 FEET (POSTS WILL BE SHARPENED)

DIRECTION OF RUNOFF FLOW

EXISTING GRADE?

TYPICAL SILT FENCE X-SECTION





WATER QUALITY FILTER DUTLET

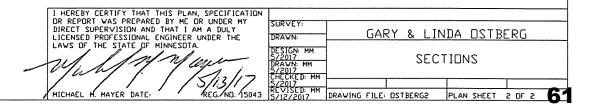


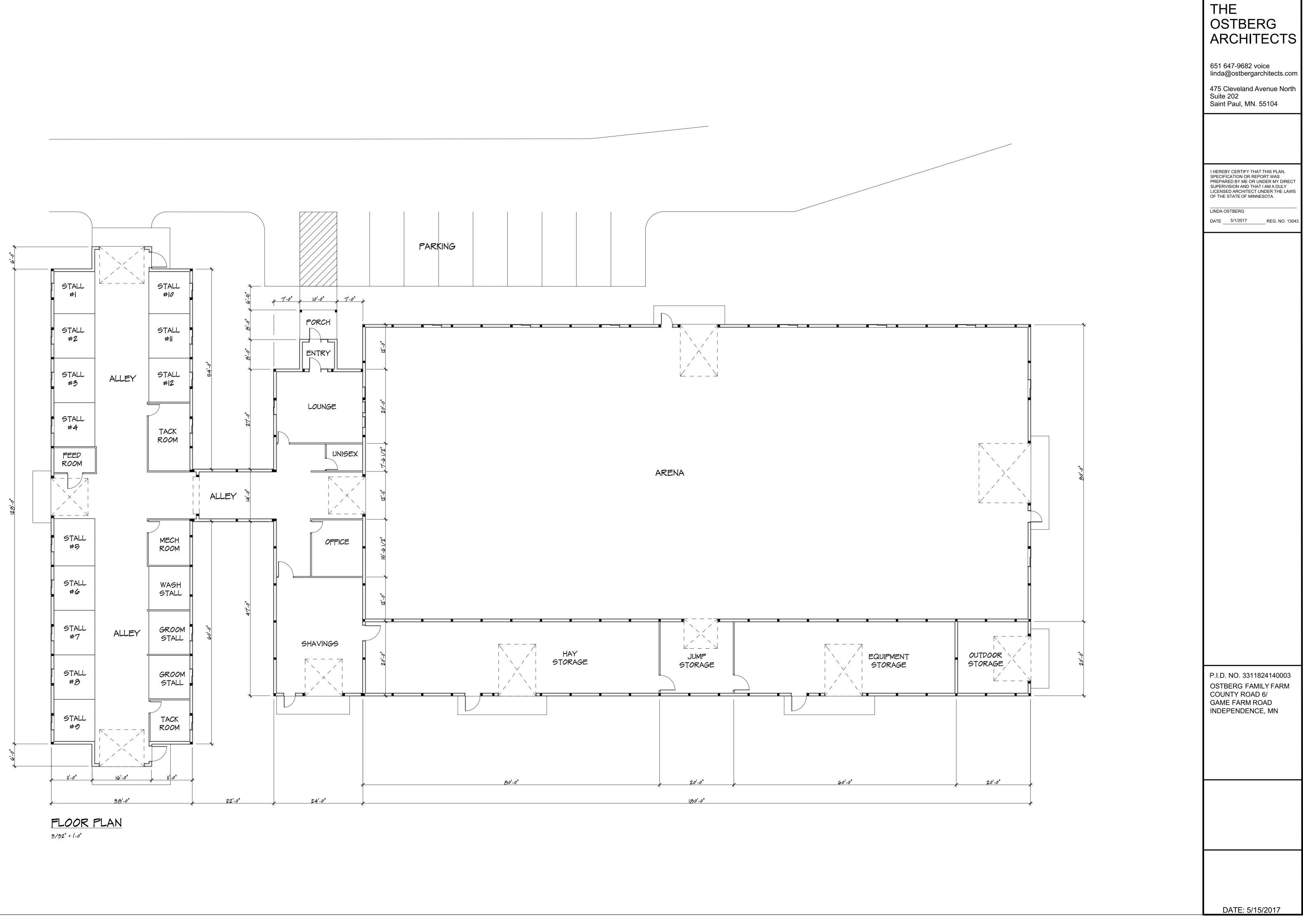
WATER QUALITY POND

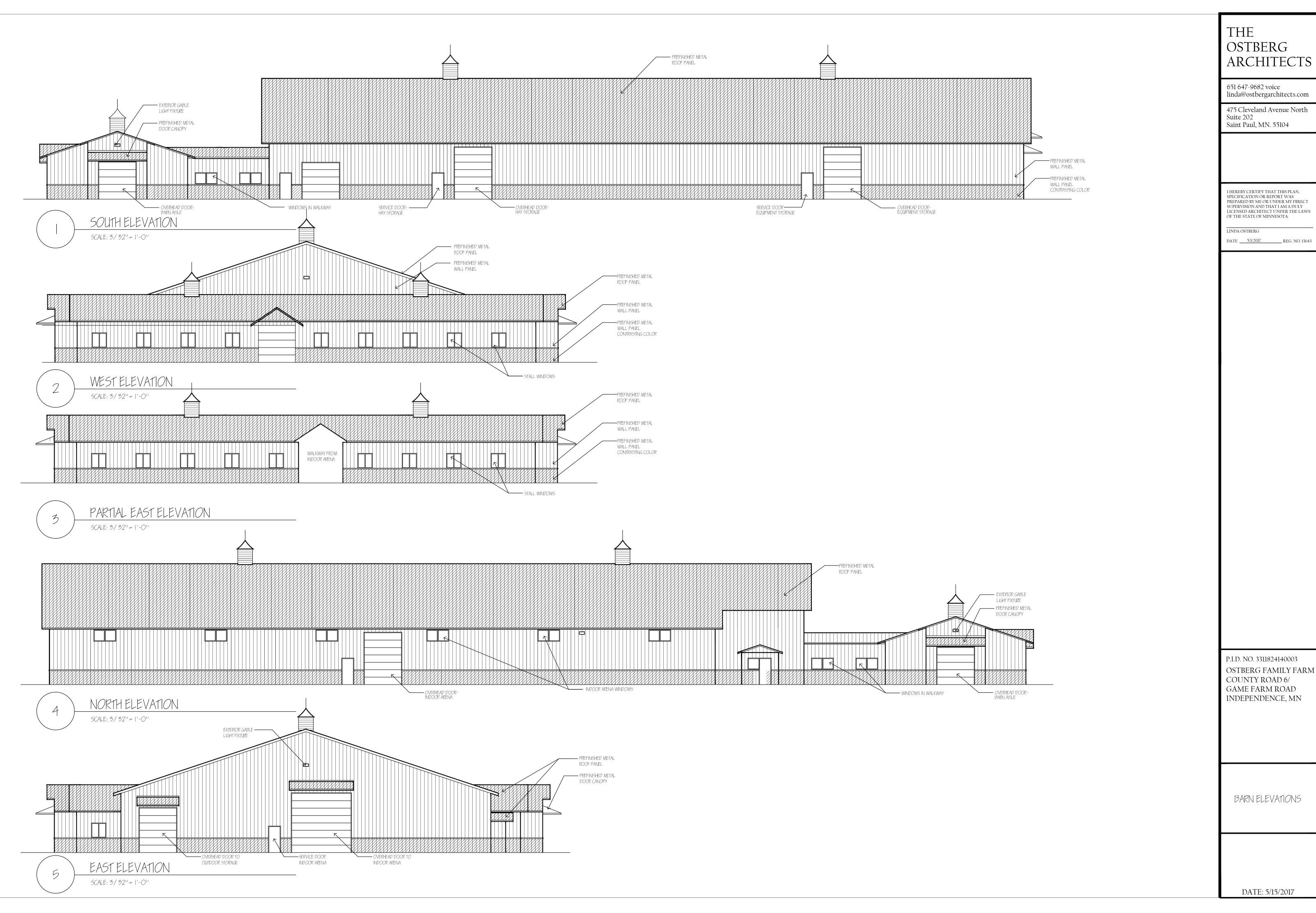
FILTER TRENCH & WATER QUALITY POND DETAILS

CONSTRUCTION NOTES:
WATER QUALITY BASIN ALONG DRIVEWAY REQUIRES 700 CF DF VOLUME.
USE 230 LF DIVERSION, MINIMUM 1' TALL AND 15 FT DF RETENTION AREA
MAXIMUM SLOPE 6.7% (15:1) TO CREATE STORAGE VOLUME
OUTLET WO POND WITH FILTER AS SHOWN ABOVE.

WATER QUALITY BASIN ALONG SOUTH LINE OF GRASS PADOCKS REQUIRES 7000 CF OF VOLUME. USE 340 LF DIVERSION, MINIMUM 2' TALL AND 45 FT OF RETENTION AREA MAXIMUM SLOPE 4.5% (22:1) TO CREATE STORAGE VOLUME DUTLET WO POND WITH FILTER AS SHOWN ABOVE.







City of Independence

A Proposed Text Amendment to Chapter V of the City of Independence Ordinance – Section 510.05, Definitions - Accessory Dwelling Units

To: Planning Commission

From: Mark Kaltsas, City Planner

Meeting Date: | June 20, 2017

Discussion:

In January of this year the Planning Commission discussed and prioritized potential ordinance amendments. The first priority identified was to 'clean up' the accessory dwelling unit ordinance. The City has had several questions pertaining to the application of the ordinance over the last several years. The ordinance prescribes a total area permitted for accessory dwelling units. At the May 2017 Planning Commission Meeting, Commissioners recommended adding language to the ordinance which would allow mechanical rooms and or unfinished basements to be excluded from the total square footage permitted in the accessory dwelling unit. The proposed amendment would clearly provide for mechanical rooms and unfinished basements to not be counted towards the total square footage of an accessory dwelling unit.

Staff has prepared an ordinance amendment (attached) for Planning Commission discussion and consideration. The City has noticed this item as a public hearing to formally consider the amendment.

Attachments: Proposed Ordinance Amendment

CITY OF INDEPENDENCE COUNTY OF HENNEPIN

STATE OF MINNESOTA

AMENDING SECTION 510.05 OF THE INDEPENDENCE CITY CODE RELATING TO DEFINITIONS AND SECTION 530.01 AND 530.05 RELATING TO CONDITIONAL USES

THE CITY OF INDEPENDENCE DOES ORDAIN:

Section 1. Section 510.05 of the Independence City Code is hereby amended as follows:

520.21 <u>Definitions.</u> Subdivision 1. The following words and terms, and their derivations have the meanings given in this zoning code.

Subd. 2. "Accessory Dwelling Unit." A secondary dwelling unit that is:

- (a) Physically attached to or within a single family dwelling unit or within a detached a accessory building that has a principal structure on the parcel; and
- (b) Subordinate in size to the single family dwelling unit; and
- (c) Fully separated from the single family dwelling unit by means of a wall or floor, with or without a door; and
- (d) Architecturally compatible with the principal structure (using similar materials, finishes, style and colors similar to the principal structure); and
- (e) The lesser of 33% of the above ground living area of the principal structure or 1,200 square feet, and no less than 400 square feet. The total square footage shall not include a designated mechanical room or unfinished basement below the accessory dwelling unit; and
- (f) Not in excess of the maximum square footage for accessory structures as permitted in this code; and
- (g) Has permanent provisions for cooking, living and sanitation; and
- (h) Has no more than 2 bedrooms; and

- (i) Limited to relatives of the homesteaded owner occupants or the homesteaded owners of the principal structure. The total number of individuals that reside in both the principal dwelling unit and accessory dwelling unit may not exceed the number that is allowed by the building code; and
- (j) Uses the existing on-site septic system^b or an approved holding tank; and
- (k) Respectful of the future subdivision of the property and the primary and secondary septic sites. The City may require a sketch of the proposed future subdivision of a property; and
- (I) In compliance with the adopted building code relating to all aspects of the dwelling unit.
- ^a On lots less than 2.5 acres, the accessory dwelling unit must be attached to the principal dwelling unit or located/constructed within an existing detached accessory structure that meets all criteria of this section.
- ^b The existing on-site septic system will be required to be inspected by the City to ensure compliance with all applicable standards. Any system that does not meet all applicable standards shall be brought into compliance as a part of the approval of the accessory dwelling unit.

Sec. 2. This ordinance shall take effect upon the day of publication.

Adopted this _____ day of ______, 2017.

	Marvin D. Johnson, Mayor
ATTEST:	
Mark Kaltsas, City Administrator	