CITY OF FRANKLIN PLAN COMMISSION MEETING* FRANKLIN CITY HALL COUNCIL CHAMBERS 9229 W. LOOMIS ROAD, FRANKLIN, WISCONSIN AGENDA

THURSDAY, JUNE 9, 2022, 7:00 P.M.

The YouTube channel "City of Franklin WI" will be live streaming the Plan Commission meeting so that the public will be able to watch and listen to the meeting. https://www.youtube.com/c/CityofFranklinWIGov.

- A. Call to Order and Roll Call
- B. Approval of Minutes
 - 1. Approval of regular meeting of May 19, 2022.
- C. **Public Hearing Business Matters** (action may be taken on all matters following the respective Public Hearing thereon)
 - 1. WOODFIELD TRAIL CONDOMINIUM DEVELOPMENT. Special Use and Site Plan applications by Stephen R. Mills, President of Bear Development, LLC (Boomtown, LLC, property owner), to allow for the development of a condominium complex (Woodfield Trail), consisting of 26 dwelling units arranged in 13 side-by-side duplex structures, which will include a new cul-de-sac street connecting to West Ryan Road, with sidewalks on both sides, street trees, a landscaped berm along West Loomis Road, 3 stormwater management areas and public water and sewer service to all dwelling units, property located at 12000 West Loomis Road (15.6 acres), such property being zoned R-8 Multiple-Family Residence District; Tax Key No. 891-9011-000 [a Special Use permit is required in the R-8 Multiple-Family Residence District for all residential uses, either single-family, two-family or multi-family]. A PUBLIC HEARING IS SCHEDULED FOR THIS MEETING UPON THE SPECIAL USE APPLICATION OF THIS MATTER.
- D. **Business Matters** (no Public Hearing is required upon the following matters; action may be taken on all matters)
- E. Adjournment

[Note: Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information, contact the City Clerk's office at (414) 425-7500.]

REMINDERS:

Next Regular Plan Commission Meeting: June 23, 2022

^{*}Supporting documentation and details of these agenda items are available at City hall during normal business hours.

^{**}Notice is given that a majority of the Common Council may attend this meeting to gather information about an agenda item over which they have decision-making responsibility. This may constitute a meeting of the Common Council per *State ex rel. Badke v. Greendale Village Board*, even though the Common Council will not take formal action at this meeting.

City of Franklin Plan Commission Meeting May 19, 2022 Minutes

unapproved

A. Call to Order and Roll Call

Mayor Steve Olson called the May 19, 2022, regular Plan Commission meeting to order at 7:00 p.m. in the Council Chambers at Franklin City Hall, 9229 West Loomis Road, Franklin, Wisconsin.

Present were Mayor Steve Olson, Commissioners Patrick Leon, Patricia Hogan and Adam Burckhardt, Alderwoman Shari Hanneman and City Engineer Glen Morrow. Excused was Commissioner Kevin Haley. Also present were City Attorney Jesse Wesolowski, Principal Planner Régulo Martínez-Montilva and Associate Planner Marion Ecks.

B. Approval of Minutes

1. Regular Meeting of May 5, 2022.

Commissioner Hogan moved and Alderwoman Hanneman seconded a motion to approve the May 5, 2022, regular meeting minutes. On voice vote, all voted 'aye'; motion carried (5-0-1).

C. Public Hearing Business Matters

1. ADMINISTRATIVE REVIEW FOR SIGN PERMITTING IN THE CITY OF FRANKLIN BUSINESS PARK (PLANNED DEVELOPMENT DISTRICT NO. 18). Planned

Development District No. 18 Ordinance Text Amendment application by the City of Franklin/Department of City Development, to streamline the sign permitting process in the Franklin Business Park (Planned Development District No. 18) by allowing for administrative review of sign permits by Department of City Development staff exclusively, without the prerequisite of an additional review and approval by the Community Development Authority (CDA).

The Official Notice of Public hearing for a Planned Development District No. 18 Ordinance Text Amendment was read in to the record by Associate Planner Marion Ecks and the Public Hearing was opened at 7:04 p.m. and closed at 7:04 p.m.

Commissioner Leon moved and Commissioner Hogan seconded a motion to recommend approval of an Ordinance to amend Planned Development District No. 18 as it pertains to the administration of sign permits, with the addition of a sentence previously discussed at CDA (Community Development Authority). On voice vote, all voted 'aye'; motion carried. (5-0-1).

2. ANASTASIA SKIN ATELIER, LLC BEAUTY SALON. Special Use application by Anastasia E. Garman, owner, d/b/a Anastasia Skin Atelier, LLC, to operate a one employee beauty salon, with hours of operation generally from 12:00 p.m. to 8:00 p.m., Monday

Associate Planner Marion Ecks presented the request by Anastasia E. Garman, owner, d/b/a Anastasia Skin Atelier, LLC, to operate a one employee beauty salon, with hours of operation generally from 12:00 p.m. to 8:00 p.m., Monday through Saturday, in Suite 240 of the multi-tenant building located at 11113 West Forest Home Avenue, property zoned M-1 Limited Industrial District; Tax Key No. 704-9978-002

through Saturday, in Suite 240 of the multi-tenant building located at 11113 West Forest Home Avenue, property zoned M-1 Limited Industrial District; Tax Key No. 704-9978-002.

The Official Notice of Public hearing for a Special Use was read in to the record by Associate Planner Marion Ecks and the Public Hearing was opened at 7:09 p.m. and closed at 7:10 p.m.

Commissioner Leon moved and Commissioner Burckhardt seconded a motion to recommend approval of a Resolution imposing conditions and restrictions for the approval of a Special Use for a beauty salon use upon property located at 11113 West Forest Home Avenue, Suite 240. On voice vote, all voted 'aye'; motion carried. (5-0-1).

D. Business Matters

1. HOME DEPOT (STORE 4907) OUTDOOR SALES. Temporary Use application by Home Depot USA, Inc., for outdoor seasonal trees, shrubs and landscape bagged goods sales, for property zoned Planned Development District No. 14 (Jewel-Osco/Home Depot) and FW Floodway District, located at 6489 South 27th Street; Tax Key No. 714-9996-015.

Alderwoman Hanneman moved and Commissioner Hogan seconded a motion to adopt a Resolution imposing conditions and restrictions for the approval of a Temporary Use for outdoor seasonal tree and shrub sales for property located at 6489 South 27th Street. On voice vote, all voted 'aye'; motion carried. (5-0-1).

Adjournment

Commissioner Hogan moved and Commissioner Leon seconded to adjourn the Plan Commission meeting of May 19, 2022 at 7:13 p.m.. On voice vote, all voted 'aye'; motion carried. (5-0-1).

Item C.1.



CITY OF FRANKLIN REPORT TO THE PLAN COMMISSION

Meeting of June 9, 2022 SPECIAL USE & SITE PLAN

RECOMMENDATION: City Development Staff recommends to table this Special Use and Site Plan until the applicant submits a geotechnical report to attest that the soil bearing pressure capacity of the engineered fill soils and the underlying natural soils is adequate for the proposed development.

Property Owner: Woodfield Trail condominium, Special Use & Site Plan

Applicant: S.R. Mills. Boomtown, LLC

Property Address/Tax Key Number: 12000 W Loomis Rd.

Aldermanic District: District 6

Agent: Daniel Szczap. Bear Development, LLC

Zoning District: R-8 – Multiple-Family Residence District

Use of Surrounding Properties: North: Planned Development District No. 40 (Cape

Crossing), single-family residential.

South: Vacant properties zoned residential, R-2 and R-8. East: Vacant and single-family residential zoned R-8 West: We-energies right-of-way and vacant land owned by

the State of Wisconsin.

Proposal: Two-family residential condominium with 26 dwelling units

served by a cul-de-sac street.

Staff Planner: Régulo Martínez-Montilva, AICP, Planning Manager

INTRODUCTION

The proposed Woodfield Trail condominium would have 26 dwelling units arranged in 13 duplex structures, side-by-side. Major improvements include a new cul-de-sac street connecting to Ryan Road with sidewalks on both sides, street trees, a landscaped berm along Loomis Road, 3 stormwater management areas and public water and sewer service to all dwelling units.

This development was presented before the Common Council on April 5, 2021, as a Concept Review. Then, this 15.6-acre site was created by Certified Survey Map No. 9338 recorded on August 6; and the C-1 Conservancy District zoning was removed from such site by rezoning Ordinance No. 2021-2480 on September 21. This development received a variance by the Board of Zoning and Building Appeals to allow for a reduced 20-foot front setback on January 19, 2022; and a Natural Resource Special Exception (NRSE) was granted on February 1 to allow for after-the-fact impacts to wetland buffers.

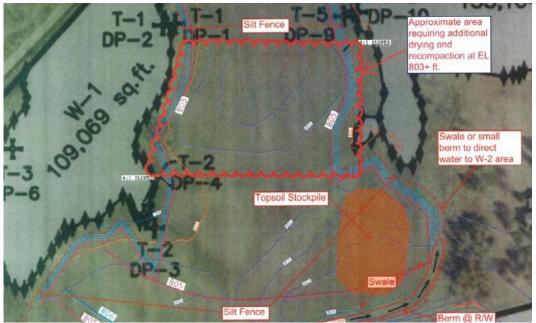
It is worth noting that a Special Use permit is required in the R-8 Multiple-Family Residence District for all residential uses, either single-family, two-family or multi-family.

PROJECT ANALYSIS:

There are a few existing constraints to the property that impact the design and development of this project.

- 1. Wetland buffers and setbacks. Most of the proposed residential structures are located between the future Woodfield Court and wetland areas. The UDO does not allow structures to encroach into the 50-foot wetland setback and the 30-foot wetland buffer must remain undisturbed. This property was a WISDOT fill site and areas of wetland buffers (0.58 acres) have been previously impacted by grading activities, this wetland buffer impact is depicted in the Natural Resource Protection Plan (NRPP). A Natural Resource Special Exception was granted on February 1, 2022, (appendix #1). It is worth noting that none of the proposed residential structures will encroach into the 50-foot wetland setback
- 2. Soil borings and geotechnical report still recommended. The applicant submitted a report titled "Construction Testing Services Summary Report No. 1" dated March 11, 2019 (appendix #2). As mentioned above, this property was a fill site for Wisconsin DOT project and this report stated that "with the exception of the fill placed within the central portion of the site, that the engineered fills tested by CGC were compacted satisfactorily and in general agreement with the project requirements" (page 4). Per Figure 1 Proposed fill area, the referenced central area requires additional drying and recompaction, the applicant has not provided documentation confirming that this has been completed. Note that approximately 5 residential structures and a segment of Woodfield Court is proposed in this area. Furthermore, this report states that "It should be recognized, however, that this report and its findings/results, is not intended to be and should not be used as a substitute for a subsurface exploration and foundation subgrade evaluation which is required to determine the soil bearing pressure capacity of the engineered fill soils and the underlying natural soils".

City Development staff recommends that the applicant must submit a geotechnical report to attest that the soil bearing pressure capacity of the engineered fill soils and the underlying natural soils is adequate for the proposed development.



Proposed fill area, figure 1 in Construction Testing Services Summary Report No. 1 prepared by CGC, Inc. Appendix #2.

UNIFIED DEVELOPMENT ORDINANCE REQUIREMENTS

Special Use and Site Plan Applications are subject to the following provisions of the UDO:

- §15-3.0701 General Standards for Special Uses
- §15-7.0102 Principles and Standards of Review, Site Plans

General standards for Special Uses (§15-3.0701)

Summary of		Staff's Finding
	andard	
1.	Harmony with UDO and Comprehensive Plan purposes and intent.	The northern portion of this site is designated as residential-multifamily in the future land use map of the <i>City of Franklin 2025 Comprehensive Master Plan</i> . The southern portion is designated as commercial but it is constrained by an access restriction to Loomis Road. The western portion is designated as Areas of Natural Resource Features, the wetland areas located on this site would be protected by conservation easements as indicated in the Natural Resource Protection Plan.
		It is worth noting that per Wisconsin Statutes §66.1001(2m)(b) "A conditional use permit that may be issued by a political subdivision does not need to be consistent with the political subdivision's comprehensive plan".
2.	No Undue Adverse Impact.	City Development staff does not anticipate any "undue adverse impact" to adjacent properties because conservation easements would be provided to the west and east of the proposed development, as well as a landscape bufferyard with a berm to the south along Loomis Road.
3.	No Interference with Surrounding Development.	The proposed dwellings are designed to meet the maximum permitted height for single-family and two-family homes in the R-8 zoning district.
4.	Adequate Public Facilities.	The proposed development will be served by public water supply and sanitary sewer service. It is noted that access to public water and sewer is a requirement for residential development in the R-8 zoning district per UDO Section 15-3.0209.A "District Intent".
		Per Fire Department comments: "this area is not well-served by existing fire stations and staffing, and that effective response force (ERF) response times may exceed industry and department benchmarks for both EMS and fire calls. The City is in planning to relocate Station #2 to the West, and enhance staffing at that station, which will serve to remedy this situation in the future, but even as this continues to move forward, it is still years out".
5.	No Traffic Congestion.	The proposed 26 dwelling units would be served by a new cul-de-sac street connecting to Ryan Road. A Traffic Impact Analysis has not been prepared for this development proposal. City staff did not request a Traffic Impact Analysis for this development.
6.	No Destruction of Significant Features.	Wetland buffer areas (0.58 acres) have been previously impacted by mass grading as a result of fill permits for a Wisconsin DOT project.

	Grading within the wetland setback is also proposed, the UDO allows grading in the wetland setback provided a permanent vegetative cover is installed afterwards. These impacts to natural resources are subject to the conditions set forth in the Standards, Findings and Decision as part of the Natural Resource Special Exception granted on February 1, 2022 (appendix #1).
7. Compliance with Standards.	The proposed development complies with the requirements of the R-8 Multiple-Family Residence District for single-family and two-family residential use, including: building setbacks, building height, required parking and landscaping.
	The Board of Zoning and Building Appeals granted a variance on January 19, 2022, for a reduced front setback of 20 feet in this development, while the minimum front setback in the R-8 district is 25 feet.
	All residential structures must comply with the 50-foot wetland setback.

Principles and standards of review of Site Plans (§15-7.0102)

Summary of Standard		Staff's Finding
<i>A</i> .	Conformity of Use to Zoning District.	Two-family residential use requires a Special Use permit in the R-8 zoning district. All residential uses require a Special Use permit in this zoning district, either single-family, two-family or multi-family.
В.	Dimensional Requirements.	 The proposed development complies with the dimensional requirements for the R-8 zoning district set forth in UDO Table 15-3.0209A: Net Density. Proposed: 2.7 dwelling units/acre; Maximum: 5.0 du/ac. The net buildable site area is 9.38 acres. All residential structures must comply with the side, rear and wetland setbacks. The front setback has been reduced to 20 feet per variance previously granted.
<i>C</i> .	Site Intensity and Site Capacity Calculations to be Reviewed.	Site Intensity and Capacity Calculations were reviewed as part of the Certified Survey Map approved by Resolution 2021-7754 on July 20, 2021. Per the Site Intensity and Capacity Calculations, the maximum density yield of this site is 46 dwelling units, while the applicant is proposing 26 units.
D.	Use and Design Provisions.	The proposed location for residential structures conforms to the development standards for the R-8 zoning district set forth in UDO Section 15-3.0209.
E.	Relation to Existing and Proposed Streets and Highways.	This development would be connected to Ryan Road through the proposed Woodfield Court. The street design for Woodfield Court meets the minimum width for a typical minor street of 60 feet and the street length is 769 feet, which is under the maximum permitted length for cul-de-sac streets of 800 feet.

		However, a Site Plan does not allow for dedication of public right-of-way to the city, dedication will require a separate Certified Survey Map since a condominium plat cannot be used for dedication of public right-of-way. Based on the Comprehensive Master Plan, Map 7.4 Bicycle and Pedestrian Circulation Facilities. City Development staff recommends the installation of a pedestrian path per City of Franklin specifications on the south side of Ryan Road. The applicant is working with Engineering Department on the location of this pedestrian facility, location within the right-of-way is preferred, or within an easement on private property as a second option. This pedestrian path should be included in the developer's agreement (condition of approval #7). It is worth noting that direct access to Loomis Road is restricted as indicated in the Site Plan.
F.	Impacts on Surrounding Uses.	City Development staff does not anticipate major adverse impacts to surrounding uses because the developer will be required to provide conservation easements to the west and east, and a landscape bufferyard easement to the south.
G.	Natural Resource Features Protection.	This Site Plan would not approve any impacts to natural resource features as defined in the UDO, including but not limited to encroachments of residential structures into the wetland buffers and wetland setbacks. Recording of the conservation easement document will be required prior to the issuance of building permits (condition of approval #4).
		See separate Natural Resource Special Exception (appendix #1).
H.	Required Landscaping and Landscape Bufferyards.	This development includes a 30-foot landscape bufferyard easement along Loomis Road as required by UDO Section 15-5.0102. Recording of the landscape bufferyard easement document will be required prior to the issuance of building permits (condition of approval #5).
I.	Provision of Emergency Vehicle Accessibility.	See comment from the Fire Department in Special Use standard #4, page 3.
J.	Building Location.	The location of residential structures meets required building setbacks and are outside the existing easements on this property.
K.	Location and Design of On-Site Waste Disposal and Loading Facilities.	Not applicable as no on-site waste disposal and loading facilities are proposed.
L.	Consistency with Intent of UDO.	The proposed residential development is consistent with the intent of the R-8 zoning district (UDO Section 15-3.0209), specifically: • It would be served by public sanitary sewer and water supply facilities. • It would serve as a transition between the M-1 limited manufacturing zoning to the southeast in the Ryan Meadows subdivision and single-family residential zoning to the north.

<i>M</i> .	Consistency with	The northern portion of this site is designated as residential-multifamily in the
	Intent of	future land use map of the City of Franklin 2025 Comprehensive Master Plan.
	Comprehensive Plan.	The southern portion is designated as commercial but it is constraint by an
	_	access restriction to Loomis Road.
N.	Determination of	As noted previously in this staff report (page #2), City Development staff
	"Suitability" of Site.	recommends that the applicant must submit a geotechnical report to attest that
	· ·	the soil bearing pressure capacity of the engineered fill soils and the underlying
		natural soils is adequate for the proposed development.

STAFF RECOMMENDATION

City Development Staff recommends to table this Special Use and Site Plan until the applicant submits a geotechnical report to attest that the soil bearing pressure capacity of the engineered fill soils and the underlying natural soils is adequate for the proposed development.

Alternatively, should the Plan Commission recommend approval of the Special Use and approve the Site Plan request, City Development staff recommends the submission of the referenced geotechnical report as condition of approval #6.

Appendices

- 1. Standards, Findings and Decision as part of Natural Resource Special Exception granted on February 1, 2022, excluding exhibits.
- 2. Construction Testing Services Summary Report No. 1 dated March 11, 2019, and prepared by CGC, Inc., excluding appendices B & C.

MILWAUKEE COUNTY [Draft 06-02-22]

RESOLUTION NO. 2022-

A RESOLUTION IMPOSING CONDITIONS AND RESTRICTIONS FOR THE APPROVAL OF A SPECIAL USE FOR A CONDOMINIUM COMPLEX DEVELOPMENT USE UPON PROPERTY LOCATED AT 12000 WEST LOOMIS ROAD (STEPHEN R. MILLS, PRESIDENT OF BEAR DEVELOPMENT, LLC, APPLICANT, BOOMTOWN, LLC, PROPERTY OWNER)

WHEREAS, Stephen R. Mills, President of Bear Development, LLC having petitioned the City of Franklin for the approval of a Special Use in an R-8 Multiple-Family Residence District, to allow for the development of a condominium complex ("Woodfield Trail"), consisting of 26 dwelling units arranged in 13 side-by-side duplex structures, property located at 12000 West Loomis Road (15.6 acres), bearing Tax Key No. 891-9011-000 [a Special Use permit is required in the R-8 Multiple-Family Residence District for all residential uses, either single-family, two-family or multi-family], more particularly described as follows:

PARCEL 1: A part of the Northwest 1/4 of Section 30, Township 5 North, Range 21 East in the City of Franklin, County of Milwaukee, State of Wisconsin bounded and described as follows: Beginning at the 1/8 post of the North line of said Northwest 1/4 which post is 1325.63 feet West of the Northeast corner of said Northwest 1/4, thence West on and along said North line of said Northwest 1/4, 223.1 feet to the point in the right of way of the Milwaukee Electric Railway and Light Company, thence on and along the line of said right of way, 260.01 feet to a point on the arc of the curve of said right of way, said curve being to the convex Southeasterly center radius of 7877.6 feet and said point in said arc being on the long chord 260 feet and South 39°21' West from the intersection of said line of said right of way and the North line of said Northwest 1/4, South 0°17' East 1094.52 feet to a point in the centerline of the Loomis Road, thence Northeasterly on a 2° curve along said centerline 463.83 feet to a point, said point being on the long chord of 463.52 feet and North 59°29' East from the first mentioned point on the centerline of the Loomis Road; thence North 0°47' West, 1055.3 feet to the place of beginning. The 24.75 feet along the North line of said Northwest 1/4 being excepted therefrom and the 45 feet perpendicular to the center line of the Loomis Road being excepted therefrom further excepting therefrom that part hereof described in Deed recorded as Document 7391120; and

WHEREAS, such petition having been duly referred to the Plan Commission of the City of Franklin for a public hearing, pursuant to the requirements of §15-9.0103D. of the Unified Development Ordinance, and a public hearing having been held before the Plan

WOODFIELD TRAIL CONDOMINIUMS – SPECIAL USE RESOLUTION NO. 2022-_____Page 2

Commission on the 9th day of June, 2022, and the Plan Commission thereafter having determined to recommend that the proposed Special Use be approved, subject to certain conditions, and the Plan Commission further finding that the proposed Special Use upon such conditions, pursuant to §15-3.0701 of the Unified Development Ordinance, will be in harmony with the purposes of the Unified Development Ordinance and the Comprehensive Master Plan; that it will not have an undue adverse impact upon adjoining property; that it will not interfere with the development of neighboring property; that it will be served adequately by essential public facilities and services; that it will not cause undue traffic congestion; and that it will not result in damage to property of significant importance to nature, history or the like; and

WHEREAS, the Common Council having received such Plan Commission recommendation and also having found that the proposed Special Use, subject to conditions, meets the standards set forth under §15-3.0701 of the Unified Development Ordinance.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Common Council of the City of Franklin, Wisconsin, that the petition of Stephen R. Mills, President of Bear Development, LLC, for the approval of a Special Use for the property particularly described in the preamble to this Resolution, be and the same is hereby approved, subject to the following conditions and restrictions:

- 1. That this Special Use is approved only for the use of the subject property by Stephen R. Mills, President of Bear Development, LLC, successors and assigns, as a condominium complex development use, which shall be developed in substantial compliance with, and operated and maintained by Stephen R. Mills, President of Bear Development, LLC, pursuant to those plans City file-stamped May 31, 2022 and annexed hereto and incorporated herein as Exhibit A.
- 2. Stephen R. Mills, President of Bear Development, LLC, successors and assigns, shall pay to the City of Franklin the amount of all development compliance, inspection and review fees incurred by the City of Franklin, including fees of consults to the City of Franklin, for the Stephen R. Mills, President of Bear Development, LLC condominium complex development, within 30 days of invoice for same. Any violation of this provision shall be a violation of the Unified Development Ordinance, and subject to §15-9.0502 thereof and §1-19 of the Municipal Code, the general penalties and remedies provisions, as amended from time to time.
- 3. The approval granted hereunder is conditional upon Stephen R. Mills, President of Bear Development, LLC, and the condominium complex development use, for the property located at 12000 West Loomis Road: (i) being in compliance with all applicable governmental laws, statutes, rules, codes, orders and ordinances; and (ii)

WOODFIELD TRAIL CONDOMINIUMS – SPECIAL USE RESOLUTION NO. 2022-_____Page 3

obtaining all other governmental approvals, permits, licenses and the like, required for and applicable to the project to be developed and as presented for this approval.

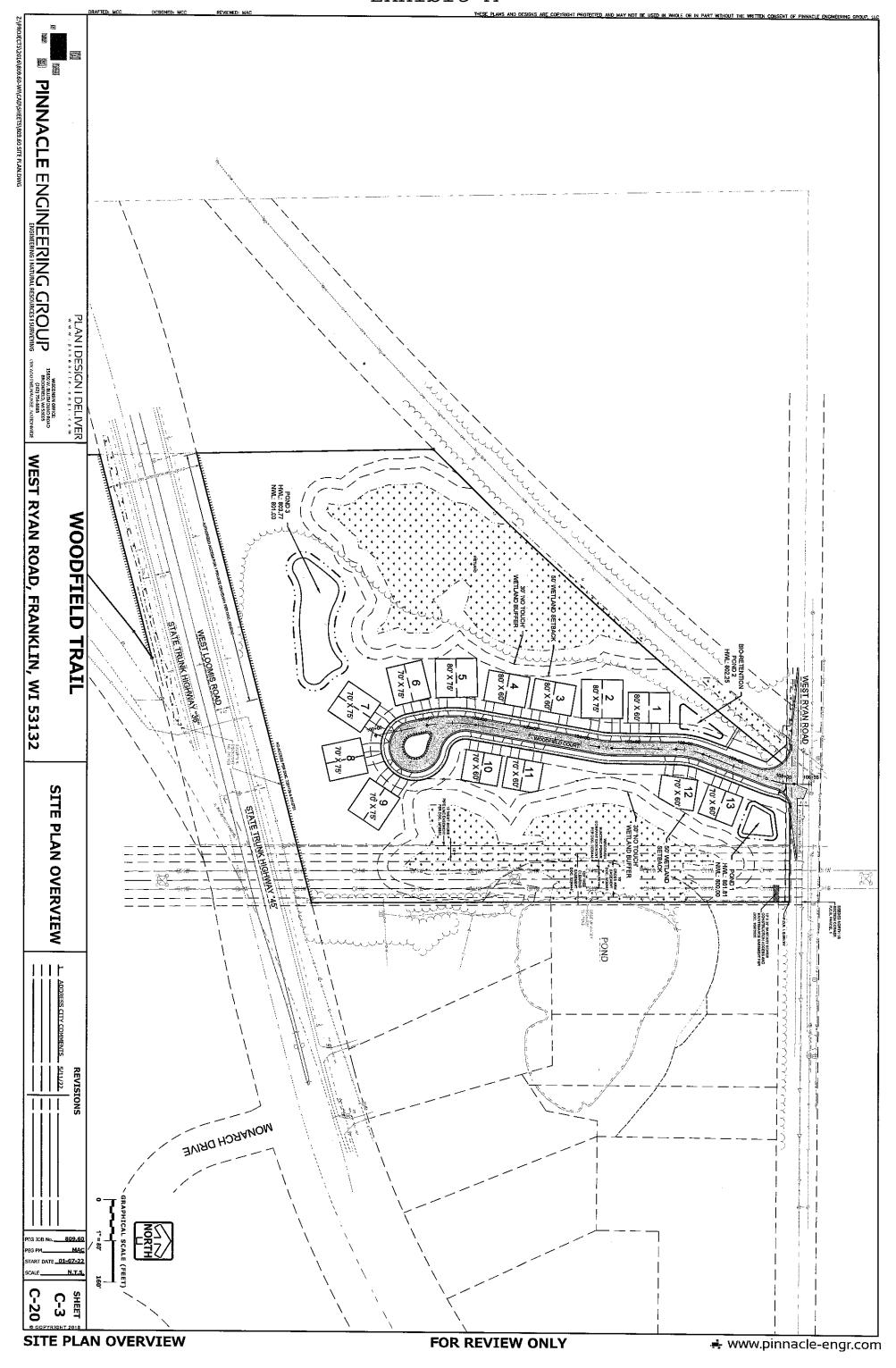
- 4. The applicant must submit a conservation easement for City staff review, Common Council approval, and recording with the Milwaukee County Register of Deeds Office, prior to the issuance of building permits.
- 5. The applicant must submit a landscape bufferyard easement for City staff review, Common Council approval, and recording with the Milwaukee County Register of Deeds Office, prior to the issuance of building permits.
- 6. The applicant must submit a geotechnical report to attest that the soil bearing pressure capacity of the engineered fill soils and the underlying natural soils is adequate for the proposed development, prior to any land disturbance activity.
- 7. The pedestrian path on the south side of Ryan Road, between the future Woodfield Court and the east boundary of this development, should be included in the development agreement.
- 8. This Special Use is not accepting any dedication of land for right-of-way purposes. A separate instrument, such as Certified Survey Map, shall be required for dedication of land for right-of-way purposes.
- 9. Pursuant to the Unified Development Ordinance Section 15-7.0601, a condominium plat shall be required for the establishment of a condominium.

BE IT FURTHER RESOLVED, that in the event Stephen R. Mills, President of Bear Development, LLC, successors or assigns, or any owner of the subject property, does not comply with one or any of the conditions and restrictions of this Special Use Resolution, following a ten (10) day notice to cure, and failure to comply within such time period, the Common Council, upon notice and hearing, may revoke the Special Use permission granted under this Resolution.

BE IT FURTHER RESOLVED, that any violation of any term, condition or restriction of this Resolution is hereby deemed to be, and therefore shall be, a violation of the Unified Development Ordinance, and pursuant to §15-9.0502 thereof and §1-19 of the Municipal Code, the penalty for such violation shall be a forfeiture of no more than \$2,500.00, or such other maximum amount and together with such other costs and terms as may be specified therein from time to time. Each day that such violation continues shall be a separate violation. Failure of the City to enforce any such violation shall not be a waiver of that or any other violation.

WOODFIELD TRAIL CONDOMINIUMS – SPECIAL USE RESOLUTION NO. 2022 Page 4
BE IT FURTHER RESOLVED, that this Resolution shall be construed to be such Special Use Permit as is contemplated by §15-9.0103 of the Unified Development Ordinance.
BE IT FURTHER RESOLVED, pursuant to §15-9.0103G. of the Unified Development Ordinance, that the Special Use permission granted under this Resolution shall be null and void upon the expiration of one year from the date of adoption of this Resolution, unless the Special Use has been established by way of the issuance of an occupancy permit for such use.
BE IT FINALLY RESOLVED, that the City Clerk be and is hereby directed to obtain the recording of a certified copy of this Resolution in the Office of the Register of Deeds for Milwaukee County, Wisconsin.
Introduced at a regular meeting of the Common Council of the City of Franklin this day of, 2022.
Passed and adopted at a regular meeting of the Common Council of the City of Franklin this day of, 2022.
APPROVED:
Stephen R. Olson, Mayor
ATTEST:
Sandra L. Wesolowski, City Clerk

AYES _____ NOES ____ ABSENT ____



CITY OF FRANKLIN PLAN COMMISSION

MILWAUKEE COUNTY [Draft 5-31-22]

RESOLUTION NO. 2022-____

A RESOLUTION APPROVING A SITE PLAN FOR THE DEVELOPMENT OF A CONDOMINIUM COMPLEX WITH ASSOCIATED CUL-DE-SAC STREET CONSTRUCTION, SIDEWALKS, LANDSCAPING, STORMWATER MANAGEMENT AND PUBLIC WATER AND SEWER SERVICE (12000 WEST LOOMIS ROAD)

(STEPHEN R. MILLS, PRESIDENT OF BEAR DEVELOPMENT, LLC, APPLICANT, BOOMTOWN, LLC, PROPERTY OWNER)

WHEREAS, Stephen R. Mills, President of Bear Development, LLC having applied for approval of a proposed site plan for the development of a condominium complex ("Woodfield Trail"), consisting of 26 dwelling units arranged in 13 side-by-side duplex structures, which will include a new cul-de-sac street connecting to West Ryan Road, with sidewalks on both sides, street trees, a landscaped berm along West Loomis Road, 3 stormwater management areas and public water and sewer service to all dwelling units, property located at 12000 West Loomis Road (15.6 acres), zoned R-8 Multiple-Family Residence District; and

WHEREAS, the Plan Commission having reviewed such proposal and having found same to be in compliance with the applicable terms and provisions of §15-3.0421 of the Unified Development Ordinance and in furtherance of those express standards and purposes of a site plan review pursuant to Division 15-7.0100 of the Unified Development Ordinance.

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the Site Plan for the development of a condominium complex ("Woodfield Trail"), consisting of 26 dwelling units arranged in 13 side-by-side duplex structures, which will include a new cul-de-sac street connecting to West Ryan Road, with sidewalks on both sides, street trees, a landscaped berm along West Loomis Road, 3 stormwater management areas and public water and sewer service to all dwelling units, property located at 12000 West Loomis Road (15.6 acres), zoned R-8 Multiple-Family Residence District, as depicted upon the plans dated May 31, 2022, attached hereto and incorporated herein, is hereby approved, subject to approval of the application for a Special Use, and subject to the following terms and conditions:

- 1. The property subject to the Site Plan shall be developed in substantial compliance with and operated and maintained pursuant to the Site Plan for the Stephen R. Mills, President of Bear Development, LLC condominium complex development ("Woodfield Trail") dated May 31, 2022.
- 2. Stephen R. Mills, President of Bear Development, LLC, successors and assigns, and

STEPHEN R. MILLS, PRESIDENT OF BEAR DEVELOPMENT, LLC – SITE PLAN RESOLUTION NO. 2022-____Page 2

any developer of the Stephen R. Mills, President of Bear Development, LLC condominium complex development ("Woodfield Trail") project, shall pay to the City of Franklin the amount of all development compliance, inspection and review fees incurred by the City of Franklin, including fees of consults to the City of Franklin, for the Stephen R. Mills, President of Bear Development, LLC condominium complex development ("Woodfield Trail") project, within 30 days of invoice for same. Any violation of this provision shall be a violation of the Unified Development Ordinance, and subject to §15-9.0502 thereof and §1-19 of the Municipal Code, the general penalties and remedies provisions, as amended from time to time.

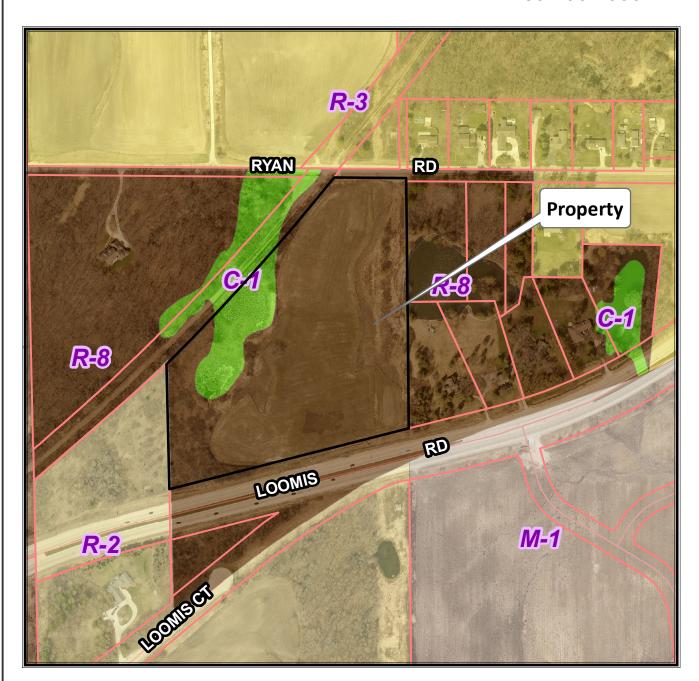
- 3. The approval granted hereunder is conditional upon the Stephen R. Mills, President of Bear Development, LLC condominium complex development ("Woodfield Trail") project (i) being in compliance with all applicable governmental laws, statutes, rules, codes, orders and ordinances; and (ii) obtaining all other governmental approvals, permits, licenses and the like, required for and applicable to the project to be developed and as presented for this approval.
- 4. That the Stephen R. Mills, President of Bear Development, LLC condominium complex development ("Woodfield Trail") shall be developed and constructed pursuant to such Site Plan within one year from the date of adoption of this Resolution, or this Resolution and all rights and approvals granted hereunder shall be null and void, without any further action by the City of Franklin.
- 5. This Site Plan is subject to the conditions set forth in the Special Use resolution for the Woodfield Trail condominiums.

Introduced at a re	gular meeting of the Plan Commission of the City of Franklin, 2022.	1 this
Passed and adopted Franklin this da	ed at a regular meeting of the Plan Commission of the City of, 2022.	ty of
	APPROVED:	
ATTEST:	Stephen R. Olson, Chairman	
Sandra I. Wesolowski (tv Clerk	

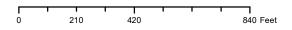
AYES _____NOES ____ABSENT ____



12000 W. Loomis Road TKN: 891 901 000



Planning Department (414) 425-4024



NORTH 2021 Aerial Photo

This map shows the approximate relative location of property boundaries but was not prepared by a professional land surveyor. This map is provided for informational purposes only and may not be sufficient or appropriate for legal, engineering, or surveying purposes.

54

Document Number

STANDARDS, FINDINGS & DECISION-BEAR DEVELOPMENT



DOC # 11224509

RECORDED:
03/07/2022 01:56 PM
ISRAEL RAMON
REGISTER OF DEEDS
MILWAUKEE COUNTY, WI

AMOUNT: 30.00 FEE EXEMPT #: TRANSFER FEE:

Recording Area

Name and Return Address

Shirley J. Roberts, Deputy City Clerk City of Franklin 9229 West Loomis Road Franklin, Wisconsin 53132

891-9011-000 & 891-9012-000

Parcel Identification Number (PIN)

This information must be completed by submitter: <u>document title, name & return address, and PIN</u> (if required). Other information such as the granting clause, legal description, etc., may be placed on this first page of the document or may be placed on additional pages of the document.

WRDA Rev. 12/22/2010

Standards, Findings and Decision

of the City of Franklin Common Council upon the Application of Stephen R. Mills,
President of Bear Development, LLC, applicant, for a Special Exception
to Certain Natural Resource Provisions of the City of Franklin
Unified Development Ordinance

Whereas, Stephen R. Mills, President of Bear Development, LLC, applicant, having filed an application dated September 3, 2021, for a Special Exception pursuant to Section 15-9.0110 of the City of Franklin Unified Development Ordinance pertaining to the granting of Special Exceptions to Stream, Shore Buffer, Navigable Water-related, Wetland, Wetland Buffer and Wetland Setback Provisions, and Improvements or Enhancements to a Natural Resource Feature; a copy of said application being annexed hereto and incorporated herein as Exhibit A; and

Whereas, the application having been reviewed by the City of Franklin Environmental Commission and the Commission having made its recommendation upon the application, a copy of said recommendation dated January 12, 2022 being annexed hereto and incorporated herein as Exhibit B; and

Whereas, following a public hearing before the City of Franklin Plan Commission, the Plan Commission having reviewed the application and having made its recommendation thereon as set forth upon the report of the City of Franklin Planning Department, a copy of said report dated January 20, 2022 being annexed hereto and incorporated herein as Exhibit C; and

Whereas, the property which is the subject of the application for a Special Exception is located at 12000 West Loomis Road, zoned R-8 Multiple-Family Residence District and C-1 Conservancy District, and such property is more particularly described upon Exhibit D annexed hereto and incorporated herein; and

Whereas, Section 15-10.0208B. of the City of Franklin Unified Development Ordinance, as amended by Ordinance No. 2003-1747, pertaining to the granting of Special Exceptions to Stream, Shore Buffer, Navigable Water-related, Wetland, Wetland Buffer and Wetland Setback Provisions, and Improvements or Enhancements to a Natural Resource Feature, provides in part: "The decision of the Common Council upon any decision under this Section shall be in writing, state the grounds of such determination, be filed in the office of the City Planning Manager and be mailed to the applicant."

Now, Therefore, the Common Council makes the following findings pursuant to Section 15-10.0208B.2.a., b. and c. of the Unified Development Ordinance upon the application for a Special Exception dated September 3, 2021, by Stephen R. Mills, President of Bear Development, LLC, applicant, pursuant to the City of Franklin Unified Development Ordinance, the proceedings heretofore had and the

recitals and matters incorporated as set forth above, recognizing the applicant as having the burden of proof to present evidence sufficient to support the following findings and that such findings be made by not less than four members of the Common Council in order to grant such Special Exception.

- 1. That the condition(s) giving rise to the request for a Special Exception were not self-imposed by the applicant (this subsection a. does not apply to an application to improve or enhance a natural resource feature): but rather, the applicant notes that the site is already impacted by fill. Wetland delineations from 2014 show the existing wetland complexes in the same general locations as 2021; the development cannot proceed as designed without impacts to wetland setback and buffer.
- 2. That compliance with the stream, shore buffer, navigable water-related, wetland, wetland buffer, and wetland setback requirement will:
- a. be unreasonably burdensome to the applicant and that there are no reasonable practicable alternatives: The applicant notes that the site is already impacted by fill. The zoning classification (R-8 Multifamily) and allowable site intensity for the property allow for greater intensity of use, however the site access and configuration, and required setbacks create constraints on the placement of buildings and other infrastructure; or
- b. unreasonably and negatively impact upon the applicant's use of the property and that there are no reasonable practicable alternatives: The applicant notes that the site is already impacted by fill. The parcel is currently vacant; the proposed use has been affirmed through a rezoning to R-8 Multifamily (ORD 2021-2480), and the applicant has completed a Concept Review and Certified Survey Map approval in seeking this development approval.
- 3. The Special Exception, including any conditions imposed under this Section will:
- a. be consistent with the existing character of the neighborhood: the proposed development with the grant of a Special Exception as requested will be consistent with the existing character of the neighborhood; and the applicant states that "The proposed impact and resulting development will be consistent with the neighborhood and consistent with the existing zoning and Comprehensive Plan." Surrounding properties include future industrial and developing residential uses; and
- b. not effectively undermine the ability to apply or enforce the requirement with respect to other properties: The applicant states that "The situation and conditions related to this project are unique as the affected property was a properly permitted to impact the wetland buffer/setback. Applying the wetland setback/buffer at this point serves no purpose and does not protect the actual wetland resources. Other properties seeking the same relief would need to meet similar standards."

Placement of fill on site was at the request of Bear Development to "raise the sites and help with future development plans (Ruffing, A. 2018, January 14)."

According to the Natural Resource Protection Plan (NRPP) submitted on January 10, 2022, fill was placed in the wetland setback and buffer under City of Franklin Permit I20180438. Fill permits for Wisconsin DOT project were approved by the City of Engineering Department. City approvals for fill impacts to wetland setback and buffer were not sought by the applicant at that time.

The limits of impacts proposed for this Special Exception align with impacted areas under the fill permit.

The site has since experienced significant degradation and impacts by invasive species. Fill permits for Wisconsin DOT project were approved by the City of Engineering Department.

The Council finds that this NRSE does allow for a degree of noncompliance under §UDO-15-10-10.0208B2.d.v. that will effectively undermine the ability of the City of Franklin to apply or enforce the requirement with respect to other properties (§UDO-15-10.0208B2.c.ii).

- c. be in harmony with the general purpose and intent of the provisions of this Ordinance proscribing the requirement: Applicant represents that the unique circumstances involved with this request is what the NRSE process was intended for; and
- d. preserve or enhance the functional values of the stream or other navigable water, shore buffer, wetland, wetland buffer, and/or wetland setback in co-existence with the development: (this finding only applying to an application to improve or enhance a natural resource feature): not applicable.

The Common Council considered the following factors in making its determinations pursuant to Section 15-10.0208B.2.d. of the Unified Development Ordinance.

- 1. Characteristics of the real property, including, but not limited to, relative placement of improvements thereon with respect to property boundaries or otherwise applicable setbacks: The applicant states that "The improvements will not negatively affect surrounding properties." Proposed impacts will occur within the site and do not extend past the property line.
- 2. Any exceptional, extraordinary, or unusual circumstances or conditions applying to the lot or parcel, structure, use, or intended use that do not apply generally to other properties or uses in the same district: *The applicant states that "The exceptional, extraordinary or unusual circumstance is that the resource being impacted has*

already been impacted and the property has been included in a TID Project Plan whereby the resulting improvements are necessary to generate tax increment." Tax Increment Districts must include a residential component.

- 3. Existing and future uses of property; useful life of improvements at issue; disability of an occupant: *The proposed use has been affirmed through a rezoning to R-8 Multifamily (ORD 2021-2480), and the applicant has completed a Concept Review and Certified Survey Map approval in seeking this development approval.*
- 4. Aesthetics: The applicant states that "There will be no negative impact to aesthetics. The resulting development will be a residential neighborhood with required street trees and significant green space."
- 5. Degree of noncompliance with the requirement allowed by the Special Exception: The applicant states that "Considering the that the area of impact was previously disturbed, the NRSE is not over-reaching."

Placement of fill on site was at the request of Bear Development to "raise the sites and help with future development plans (Ruffing, A. 2018, January 14)."

According to the NRPP submitted on January 10, 2022, fill was placed in the wetland setback and buffer under City of Franklin Permit I20180438. Fill permits for Wisconsin DOT project were approved by the City of Engineering Department. City approvals for fill impacts to wetland setback and buffer were not sought by the applicant at that time.

The limits of impacts proposed for this NRSE align with impacted areas under the fill permit.

The site has since experienced significant degradation and impacts by invasive species.

The Council finds that this NRSE does allow for a degree of noncompliance under §UDO-15-10-10.0208B2.d.v. that will effectively undermine the ability of the City of Franklin to apply or enforce the requirement with respect to other properties (§UDO-15-10.0208B2.c.ii).

6. Proximity to and character of surrounding property: Proposed impacts will occur within the site and do not extend past the property line. The applicant notes that "Applicant owns the adjacent properties to the east and south. W. Ryan Road separates neighboring land to the north, a WE Energies ROW separates neighboring land to the west and a remnant WDOT parcel is located to the west."

- 7. Zoning of the area in which property is located and neighboring area: Surrounding zoning consists of Single and Multifamily Residential. There is an area of M-1 Limited Industrial District to the southeast.
- 8. Any negative affect upon adjoining property: No negative affect upon adjoining property is perceived. Proposed impacts will occur within the site and do not extend past the property line.
- 9. Natural features of the property: The applicant does not propose impacts to natural resource features beyond those included in this request.
- 10. Environmental impacts: The applicant states that "There are no other environmental impacts associated with the NRSE."
- 11. A recommendation from the Environmental Commission as well as a review and recommendation prepared by an Environmental Commission-selected person knowledgeable in natural systems: *The Environmental Commission recommendation and its reference to the report of January 12, 2022 is incorporated herein.*
- 12. The practicable alternatives analysis required by Section 15-9.0110C.4. of the Unified Development Ordinance and the overall impact of the entire proposed use or structure, performance standards and analysis with regard to the impacts of the proposal, proposed design solutions for any concerns under the Ordinance, executory actions which would maintain the general intent of the Ordinance in question, and other factors relating to the purpose and intent of the Ordinance section imposing the requirement: The Plan Commission recommendation and the Environmental Commission recommendation address these factors and are incorporated herein.

Decision

Upon the above findings and all of the files and proceedings heretofore had upon the subject application, the Common Council hereby grants a Special Exception for such relief as is described within Exhibit C, upon the conditions:

- 1) that the natural resource features and mitigation areas upon the properties to be developed be protected by a perpetual conservation easement to be approved by the Common Council prior to any development within the areas for which the Special Exception is granted prior to the issuance of any Occupancy Permits;
- 2) that the applicant obtain all other necessary approval(s) from all other applicable governmental agencies prior to any development within the areas for which the Special Exception is granted;
- 3) that all development within the areas for which the Special Exception is granted shall proceed pursuant to and be governed by the approved Natural Resource Protection Plan and all other applicable plans for Stephen R. Mills,

President of Bear Development, LLC, applicant, and all other applicable provisions of the Unified Development Ordinance.

- 4) that the applicant shall provide plans for management of wetland setback that conforms to the standards of §15-4.0102I for appropriate plantings. Turf grasses are prohibited. Other grasses or native plantings are acceptable. Non-vegetative cover is permitted in areas subject to erosion. Management and implementation information shall be included on development plans including landscape plans subject to the review of the Department of City Development.
- 5) that the applicant shall place boulders or other markers to demarcate the wetland setback on the property.
- 6) that the applicant shall make required technical corrections (UDO §15-4.0102 and §15-7.0200) to Natural Resource Protection Plans including information about the limits of fill and related grading from fill permit I20201541, subject to staff approval, prior to the commencement of any land disturbance.
- 7) that the applicant shall clarify the amount of temporary grading impacts.
- 8) that the applicant incur only temporary impacts to wetland setback and buffer, which shall be restored to the standards of UDO §15-4.0102I for wetland setback and UDO §15-4.0103B5 for wetland buffer.
- 9) That the applicant provide for repair of the pond drainage tile/pipe between the pond edge and the outlet at Ryan Road, subject to a revised conservation easement; and for the removal of buckthorn with a minimum expenditure of \$10,000.

The duration of this grant of Special Exception is permanent.

Introduced at a regular meeting of the Common Council of the City of Franklin this 1st day of February, 2022.

Passed and adopted at a regular meeting of the Common Council of the City of Franklin this 1st day of February, 2022.

APPROVED:

Stephen R. Olson, Mayor

ATTEST:

Sandra L. Wesolowski, City Clerk

AYES 6 NOES 0 ABSENT 0



March 11, 2019 CM18048

Mr. Andy Ruffing Musson Brothers, Inc. 4215 N. 124th Street Brookfield, WI 53005

Re: Construction Testing Services Summary Report No. 1

Bear North SiteWest Loomis Road
Franklin, Wisconsin

Dear Mr. Ruffing:

This report summarizes Construction • Geotechnical Consultants, Inc. (CGC) field observations and results of the intermittent compaction testing program completed to-date within the Bear North site in Franklin, Wisconsin. The services were provided on an intermittent basis between March 19 and September 27, 2018. During this time period a total of twenty-seven (27) separate visits were made to complete the prescribed testing program. More specific details regarding CGC's field observations and the results of the field-testing program are presented in the following paragraphs and attachments.

1. General

The site is located on the north side of State Highway 36 (West Loomis Road), between US Highway 45 (North Cape Road) to the west and Ryan Road to the east, in Franklin, Wisconsin. We understand that no specific development is planned for the site at this time. Filling of the site was performed to take advantage of the fill soils available from the nearby Highway 100 roadway reconstruction project and was performed in accordance with the Site Use and Agreement document between Musson Brothers, Inc. (Musson) and Mills Hotel Wyoming, LLC dated March 16, 2018. Based on review of a grading plan, dated March 7, 2018, provided by Musson Brothers, Inc. the site grades prior to site preparation (i.e., topsoil stripping) ranged between about EL 801 to 804 ft and the planned (fill-to) grade is generally EL 805 ft; although swales were proposed along the southern edge of the property for site drainage purposes. Therefore, after site stripping, about 2 to 5 ft of new fill was anticipated to raise the site. Specifically, our efforts for the services covered by this report were focused on the following:

• Subgrade Observations: Following stripping of surficial topsoil, confirm the suitability of the exposed subgrade conditions prior to engineered fill placement within those areas of the site that required fill to raise the areas to the planned site grades. Subgrade



evaluation within the fill areas were completed by proof-rolling with fully-loaded haul and/or triaxial dump trucks.

- **Field Density Testing:** Performed field density tests on an intermittent basis, as scheduled by representatives of Musson to check the adequacy of compaction achieved on fill materials placed during mass grading activities.
- **Laboratory Testing:** Performed laboratory testing (i.e., Proctors) on the soils utilized during fill placement.
- **Reporting:** Developed this summary report which details the results of the field and laboratory testing programs completed to-date; and

More specific details regarding our field observations and results of the testing program are outlined in the following paragraphs.

2. <u>Subgrade Observations Prior to Fill Placement</u>

Subgrade proof-roll operations were observed on an ongoing basis as structural fill areas were prepared on the dates of March 19, March 23, March 28, April 11 and May 1, 2018. The results of the proof-rolls overall indicated the subgrades were generally suitable for fill placement and compaction, excluding one approximate 50 ft by 50 ft area northeast of the southern entrance to the site which contained saturated clayey soils that exhibited moderate rutting (6 to 8 in.) and instability. To prepare this area for fill placement the saturated clays were undercut approximately 12 in. to a suitable brown lean clay subgrade.

3. Fill Placement

The March 7, 2018 grading plan showing the approximate extent of the fill areas for the project is included as Figure 1 – Proposed Fill Area enclosed in Appendix A. Fill soils throughout the planned future development area consisted of imported lean clay, silty clay with variable sand and gravel content and clayey to silty sand with gravel soils from Musson's Highway 100 project identified as Specimen Nos. 1 through 3. A summary of the specimen soil descriptions, maximum dry densities and optimum moisture contents, and accompanying Laboratory Compaction Tests completed in our laboratory per modified Proctor (ASTM D1557) test methods are attached with this report in Appendix B.



During this reporting period, a series of one hundred thirty-five (135) field density tests were performed on the fills placed within the development areas of the site with a nuclear density gauge to check the adequacy of compaction. The fills were typically placed in 8- to 12- in. thick loose lifts, spread with a dozer, then compacted with a sheepsfoot compactor. The modified Proctor maximum dry density values ranged between 125.0 to 135.5 pcf for the imported soils. A targeted minimum compaction level of 95 percent of the maximum dry density values was established for this project. Due to wet, rainy weather conditions during the intermittent filling operations, difficulty with obtaining adequate compaction was routinely experienced. Where initial compaction levels fell below 95%, predominantly due to elevated moisture contents, the soils were aerated and recompacted until they met the minimum required compaction level. Following the performance of retests (where required), the field density testing program performed generally resulted in a level of compaction ranging between 95% to 100%, generally meeting and/or exceeding the targeted 95% minimum level of compaction established for the project.

An exception was, however, encountered within the central portion of the site, the approximate limits of which are indicated on Figure 1 enclosed in Appendix A. Within this area, fill soils were placed and adequately compacted to, on average, about EL 802 to 802.5 ft. However, subsequent lifts placed to about EL 803 ft were too wet to properly compact and perform subsequent density tests. It was our recommendation at the time, as communicated to Musson field personnel, and in a subsequent meeting with Musson and Bear Development, that the soils in this area be aerated to promote drying and recompacted until the targeted compaction levels are obtained. However, further site preparation within the central portion of the site has not been performed to-date, due to project scheduling and weather conditions.

We understand that placement of a surficial topsoil layer has been performed by Musson throughout the majority of the southern and northern portions of the site, where passing density tests have generally been achieved, to the planned subgrade elevations. However, we understand that it is currently proposed to document the lateral extent and the existing site grades within the central area of the site where adequate compaction has not been achieved to-date. Following those documentation activities, we understand the current plan is to raise the central area of the site with non-engineered fill and surficial topsoil to promote surface runoff from this area. Undercutting and full removal of the non-engineered fill materials placed above EL 803 ft and further drying and recompaction of the underlying soils (at about EL 803 ft) will then be performed in the future, possibly dependent on future development plans. We recommend documentation of the area be included in site documents to illustrate the need to perform additional/remedial site preparation activities within the central portion of the site to provide proper support for future structures and/or pavements.



Results of the field density testing program performed to-date are presented in Field Density Test Report No. 1 attached in Appendix C. The test locations (northing and easting) and test elevations were provided to CGC by the on-site Musson personnel and are included in the Field Density Test Report No. 1. Laboratory compaction (Proctor) test reports are also attached in Appendix B for your review.

* * * * *

In summary, based on our intermittent field observations and results of the field-testing program as outlined above and in the enclosed information, it is our opinion, with the exception of the fill placed within the central portion of the site, that the engineered fills tested by CGC were compacted satisfactorily and in general agreement with the project requirements. It should be recognized, however, that this report and its findings/results, is not intended to be and should not be used as a substitute for a subsurface exploration and foundation subgrade evaluation which is required to determine the soil bearing pressure capacity of the engineered fill soils and the underlying natural soils. The conditions contained in this report and previously discussed with the project team, represent our professional opinion, based on our review of available information, described above, part-time intermittent site observations and interpretations. These opinions were developed consistent with the level of care and skill ordinarily exercised by members of the engineering profession currently practicing in the same locality under similar conditions. No other representation is expressed or implied, and no warranty or guarantee is included, or intended.

It has been a pleasure to serve you during this phase of the project. If you have any questions or need additional consultation or testing services, please give us a call.

Sincerely,

CGC, Inc.

Paul J. Giese, P.E.

Senior Consulting Professional

Nathan I. Springstead, P.E. Senior Staff Engineer



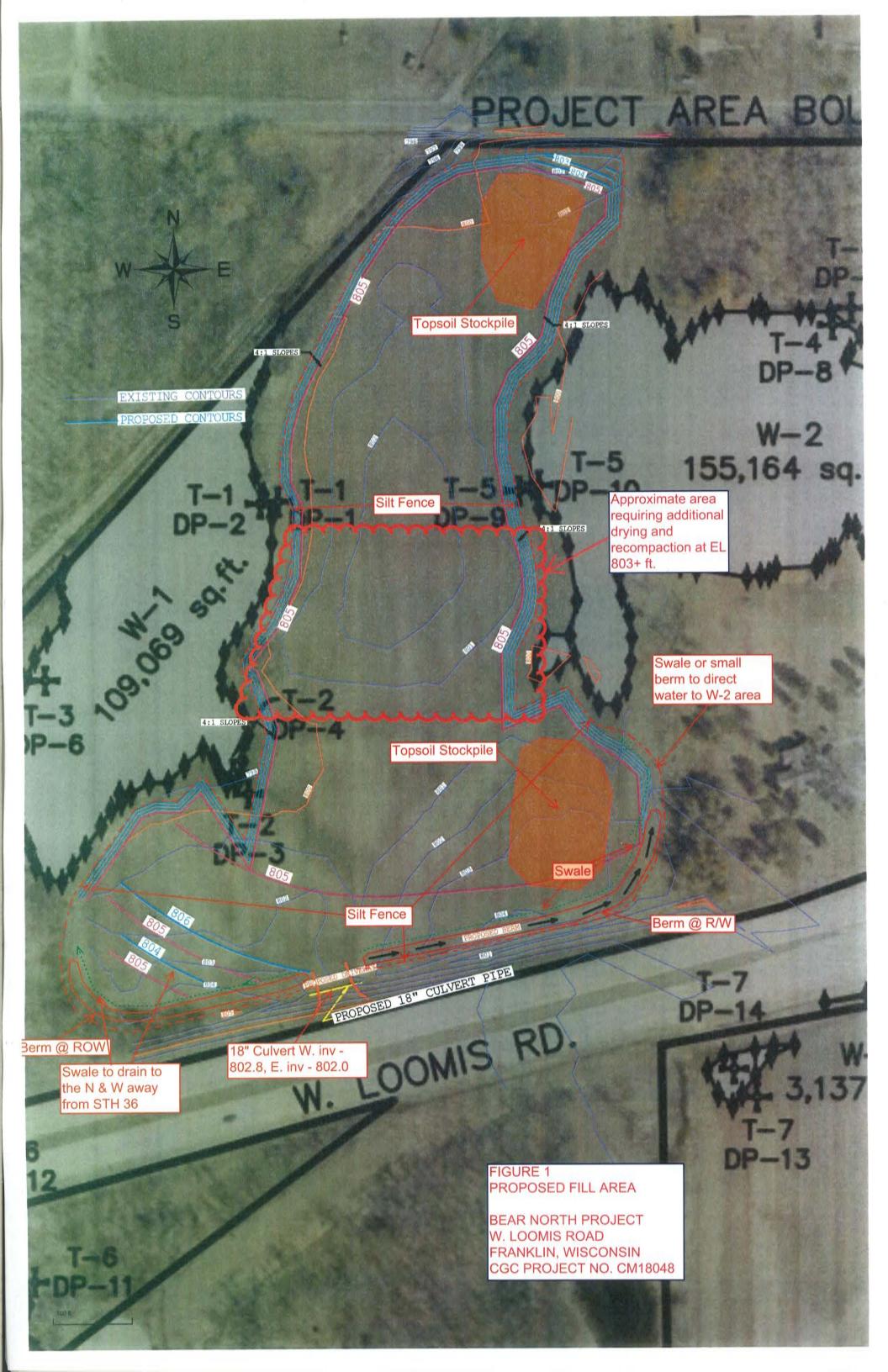
Encl: Appendix A - Figure 1 – Proposed Fill Area

Appendix B - Summary of Laboratory Compaction (Proctor) Test Results

Appendix C - Field Density Test Report – No. 1

cc via email: Bear Development - Mr. Dan Szczap (dszczap@beardevelopment.com)

APPENDIX A FIGURE 1 – PROPOSED FILL AREA





May 31, 2022

Mr. Regulo Martinez-Montilva 9229 W. Loomis Road Franklin, WI 53132

RE: Woodfield Trail Site Plan

Dear Mr. Martinez-Montilva:

Bear Development is pleased to submit this letter and the enclosed re-submittal materials as formal application for Site Plan Approval for Woodfield Trail Condominiums. Bear Development is acting on behalf the record owner, Boomtown, LLC.

Project Summary

The property in question, consists of Lot 1 of Certified Survey Map #9338. Certified Survey Map No. 9338 was recorded on August 6, 2021, as Document Number 11148158. The property is currently vacant and includes public road frontage on W. Ryan Road and STH 36 (Loomis Road). The property is located within City of Franklin TID #6.

Parcel 1

Tax Key Number:

891-9011-000

Acreage:

15.61 Acres Vacant

Current Use: Proposed Use:

Ranch Condominiums

Zoning:

R-8 Multiple Family Residence District

Site Plan Request:

Condominium neighborhood consisting of twenty-six (26) residential units

arranged in two-family structures.

Special Use Permit

 Under a separate application, Bear Development has also submitted a Special Use Application in the R-8 Multiple Family Residence District to allow a condominium neighborhood consisting of twenty-six (26) residential dwelling units on the referenced parcels. The units will be arranged in 2 family buildings.

Previous Approvals

- Certified Survey Map, Land Division
- Variance to allow a front yard setback of 20 feet
- Natural Resources Special Exception to allow limited impacts to the Wetland Buffer and Setback



Phone: 262.694.2327



beardevelopment.com



4011 80th Street, Kenosha, WI 53142





Woodfield Trail Ranch Condominiums

Woodfield Trail is a planned condominium neighborhood consisting of twenty-six (26) homes arranged in 2-family, ranch style buildings. The neighborhood will be served with full public utilities and roadway. The project has been designed in accordance with the City of Franklin Construction Specification and R-8 Multiple Family Zoning District Standards.

The project was specifically designed to minimize impact to the natural resource features as identified in the City of Franklin Unified Development Ordinance. The building pads vary in size and exact home plans will need to be designed and finalized for several building pads to eliminate any encroachment into the Wetlands Setback.

The neighborhood drainage is served by a series of engineered stormwater basins and is adequately buffered from STH 36. Woodfield Trail includes public sidewalks and proposed connection to the future City multi-use trail. The enclosed submittal includes Design Engineering Plans and Stormwater Management Report.

The project plans are currently being reviewed by WE Energies for natural gas, electric and street lighting design. The applicant is also in correspondence with the United States Postal Service to finalize mail delivery plans.

Project Schedule

The project schedule is dependent on final municipal approvals/Entitlements. At this point, we anticipate an August 2022 start for site development. Completion of all public improvements should be complete in early November.

Estimate of Site Improvement Costs:

Bear Development, LLC recently received Engineering review comments on May 27, 2022. Based on the engineering comments, the construction plans will need to be revised and re-bid. However, based on previous projects and the volatile construction material market, we estimate the following site improvement costs:

Soft Costs:

\$65,000.00

Earthwork:

\$330,700.00

Utilities:

\$660,500.00

Paving & Concrete:

\$210,500.00 \$35,000.00

Street Trees/Landscaping: Contingency:

\$229,711.00

Total:

\$1,531,411.00





Providing Creative Real Estate Solutions to Build Better Communities

Should you have any questions regarding this request, please do not hesitate to contact me. I can be reached at (262) 842-0556 or by email, dan@beardevelopment.com

Thank you for your time and consideration.

Sincerely

Bear Development, LLC

A BE/R & COMPANY



May 31, 2022

Regulo Martinez Montilva City of Franklin 9229 W. Loomis Road Franklin, WI 53132

RE:

Woodfield Trail- Revised Submittal

Regulo:

Bear Development, LLC is in receipt of the City Development Review Comments dates, May 3, 2022. Please find our responses below in Red.

Staff comments are as follows for the above-referenced applications received on April 12, 2022:

City Development Department comments

- 1. **Site Plan.** Pursuant to the Unified Development Ordinance (UDO) Section 15-7.0103 "Applications for Site Plan Review", please add or revise the following:
 - C. "Architect and/or Engineer's Name and Address. Architect and/or engineer's name, address, and seal noted".
 - The revised Civil Engineering Infrastructure Plans, dated 5/11/2022 have been revised to include the Civil Engineer's name, address and seal.
 - G. "Soils Data. The characteristics and types of soils related to contemplated specific uses. Soil borings may be required by the City Engineer, Zoning Administrator, and/or Plan Commission". Since subject property was recently used as a WDOT Fill site, City Development staff recommends soil borings and geotechnical report as part of these Special Use and Site Plan applications.
 - Bear Development, LLC previously submitted a Summary Report of the WDOT Select Fill project including geotechnical testing. Per our telephone converstaion, this report was sufficient to address this comment.

I. "Type, Size, and Location of All Structures and Signs". It is not clear whether the numbered rectangles are the home pads or the building footprints, please clarify. The proposed building footprints are required to attest compliance with wetland setbacks.

The revised Civil Engineering Infrastructure Plans include building envelopes showing the maximum size building footprint for each building. The building envelopes are limited due to various setbacks. We understand the restrictions plased on the project due to wetland setbacks.

CC. "Project summary". Please add building schedule and estimate of all site improvement costs to the project summary.

Please see revised project summary.

2. Wetland setback. Per Natural Resource Special Exception (NRSE); Standards, Findings & Decisions (Doc. 11224509), decision #8 states that "the applicant incurs only temporary impacts to wetland setback and buffer". In other words, the NRSE did not approve any permanent impact or structures into the 50-foot wetland setback. Please indicate the building footprint of all structures and dwellings to attest compliance with the wetland setback.

The revised Civil Engineering Infrastructure Plans depict the size, location and orientation of proposed building footprints in relation to the wetlands. All building footprints are in compliance with the approved Natural Resource Special Exception.

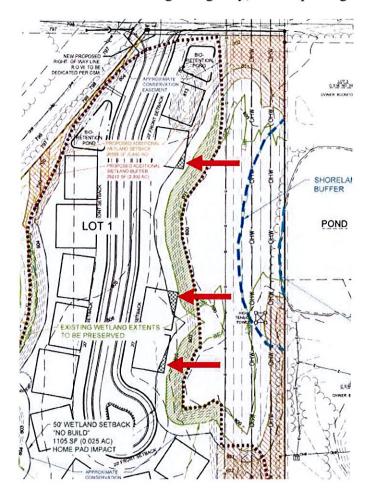
3. **Wetland setback markers.** Per the above-referenced NRSE, decision #5 states that "the applicant shall place boulders or other markers to demarcate the wetland setback on the property". Please indicate the location of the wetland setback markers on the Site Plan and add a detail of the typical marker.

The revised Civil Engineering Infrastructure Plans depict Wetland Setback Sign locations on Sheets C-7 and C-8. Bear Development will finalize marking method (signs or boulders) as we approach site development and will submit a plan for Staff review/approval.

4. **Amount of temporary grading impacts.** Per the NRSE, decision #7 states that "the applicant shall clarify the amount of temporary grading impacts". Please provide the amount of wetland setback area to be impacted by grading activities, measured in acres and square feet.

The revised Civil Engineering Infrastructure Plans, Sheet C-10 include the grading impact area calculation.

5. **Wetland setback impact.** Please label the green crosshatched areas in the Natural Resource Protection Plan. Per staff comment #2, please confirm that this impact to the wetland setback is for grading only, not for placing new structures.



A revised Natural Resource Protection Plan is included in the re-submittal. Bear Development understands that permanent structures cannot be located in the Wetlands Setback.

6. **New wetland buffer impact not approved.** The NRSE did not approve any new impacts to the wetland buffer. Please add a label to the NRPP and Landscape Plan stating that the wetland buffer impact areas have already been disturbed. City Development has no comments about the proposed ground cover, Agrecol Shortgrass Prairie.

Noted. The revised NRPP and Landscape Plans identify the City restrictions to the Wetland Buffer and Setback.

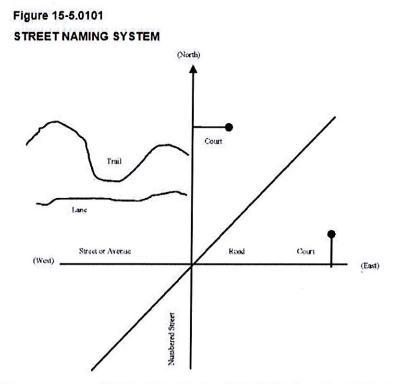
7. **Conservation easement.** Recording of the conservation easement document will be required prior to the issuance of building permits.

Noted.

8. Landscape bufferyard easement. Pursuant to UDO § 15-5.0102, a landscape bufferyard easement with a minimum width of 30 feet is required along Loomis Rd (STH 36). The easement line is indicated on the Landscape Plan but it is not labeled, please add label. Recording of the landscape bufferyard easement document will be required prior to the issuance of building permits.

Noted. Please see revised Landscape Plans.

9. **Cul-de-sac street.** Please add length of the proposed cul-de-sac street, measured from the Ryan Road centerline to the center of the island. This length cannot exceed 800 feet per UDO Section 15-5.0103A. Please indicate the name for this street, "Court" is recommended for cul-de-sac streets per the street naming system (UDO Figure 15-5.0101).

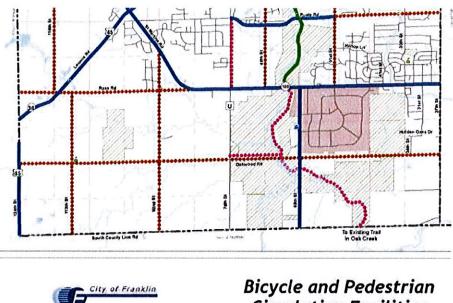


Please see page C-10 of the Revised Civil Engineering Infrastructure Plans. The cul-desac has a total length of 769 feet and has been named Woodfield Court.

10. **Pedestrian Facility along Ryan Road.** Based on the Comprehensive Master Plan, Map 7.4 Bicycle and Pedestrian Circulation Facilities. City Development staff recommends the installation of a pedestrian path per City of Franklin specifications on the south side of Ryan Road, from the new sidewalk on the east side of the proposed cul-de-sac street to the eastern boundary of the subject site.

Please see page C-16 of the Revised Civil Engineering Infrastructure Plans. Bear Development seeks direction from the City as to whether the future trail is to be shown in

the W. Ryan Road Right of Way or shown as an easement on private lands.





Circulation Facilities



11. Approval of a Condominium Plat by Common Council will be required, see submittal requirements in application form available at:

https://www.franklinwi.gov/Files/Planning/PermitApplications/Land-Division-Review-Application-20211.pdf. Condominium Plat recording will be required prior to the issuance of building permits.

Noted. The Condominium Plat will be submitted once we receive and address City Engineering comments.

12. Any monument sign will be subject to a separate sign permit.

Noted.

13. Per city's parking schedule (UDO Table 15-5.0203), a two-car attached garage per dwelling unit is required. Please confirm that the proposed garages are able to accommodate two cars.

All future dwelling units will include a two-car attached garage.

Engineering Department comments

14. No comments on the Site Plan application. Engineering aspects will follow once we receive the Engineering plans for review and recommendations.

Fire Department comments

15. The fire code is pretty silent on 1-2 family residences, so our main concern in the water infrastructure, which appears satisfactory for this development. I will again mention that this area is not well-served by existing fire stations and staffing, and that effective response force (ERF) response times may exceed industry and department benchmarks for both EMS and fire calls. The City is in planning to relocate Station #2 to the West, and enhance staffing at that station, which will serve to remedy this situation in the future, but even as this continues to move forward, it is still years out.

Inspection Services Department comments

16. Inspection Services has no comments on the proposal at this time.

Police Department comments

17. The PD has no comment regarding this request.

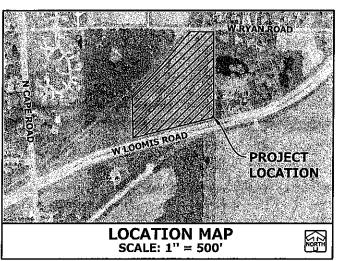
ONSITE CIVIL ENGINEERING INFRASTRUCTURE PLANS

WOODFIELD TRAIL

FRANKLIN, MILWAUKEE COUNTY, WI

PLANS PREPARED

DEVELOPMENT



REFERENCE BENCHMARKS:

BENCHMARK = RAILROAD SPIKE IN UTILITY POLE

VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)

HORIZONTAL DATUM: WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH

	ABBREVIATIONS								
BL	BASE LINE	мн	MANHOLE						
BP	BOTTOM OF PIPE	NWL	NORMAL WATER LEVEL						
С	LONG CHORD OF CURVE	PC	POINT OF CURVATURE						
C&G	CURB AND GUTTER	PT	POINT OF TANGENCY						
CB	CATCH BASIN	PVI	POINT OF VERTICAL INTERSECTION						
CL	CENTERLINE	R	RADIUS						
D	DEGREE OF CURVE	ROW	RIGHT-OF-WAY						
EP	EDGE OF PAVEMENT	SAN	SANITARY SEWER						
FF	FINISHED FLOOR	ST	STORM SEWER						
FG	FINISHED GRADE	Т	TANGENCY OF CURVE						
FL	FLOW LINE	TB	TOP OF BANK						
FP	FLOODPLAIN	TC	TOP OF CURB						
FR	FRAME	TF	TOP OF FOUNDATION						
FW	FLOODWAY	TP	TOP OF PIPE						
FYG	FINISHED YARD GRADE	TS	TOP OF SIDEWALK						
HWL	HIGH WATER LEVEL	TW	TOP OF FOUNDATION WALL						
INV	INVERT	WM	WATER MAIN						
L	LENGTH OF CURVE	Δ	INTERSECTION ANGLE						

PROJECT TEAM CONTACTS

CIVIL ENGINEER:

MATT CAREY, P.E. PINNACLE ENGINEERING GROUP 15850 BLUEMOUND ROAD, SUITE 210 BROOKFIELD, WI 53005 (262) 754-8888

SURVEYOR:

JOHN KONOPACKI, P.L.S. PINNACLE ENGINEERING GROUP 15850 BLUEMOUND ROAD, SUITE 210 BROOKFIELD, WI 53005 DAN SZCZAP BEAR DEVELOPMENT, LLC 4011 80TH STREET



Milwaukee Area (414) 259-1181 aring Impaired TDD (800) 542-2289 www.DiggersHotline.com

PINNACLE ENGINEERING GROUP, LLC ENGINEER'S LIMITATION

PINNACLE ENGINEERING GROUP, LLC AND THEIR CONSULTANTS DO NOT WARRANT OR GUARANTEE THE ACCURACY AND COMPLETENES. OF THE DELIVERABLES HEREIN BEYOND A REASONABLE DILICENCE, IF AMY MISTAKES, OMISSIONS, OR DISCREPANCIES ARE FOUND TO LOST WITHIN THE DELIVERABLES, THE ENGINEER SHALL BE PROMPTLY NOTTIFED FROOT TO BID SO THAT HE MAY HAVE THE OPPORTUNITY TO TAKE WHATEVER STEPS NECESSARY TO RESOLVE THEM. FAILURE TO PROMPTLY NOTIFY THE ENGINEER OF SUCH CONTITIONS SHALL ASSOLVE THE ENGINEER FROM ANY RESPONDISHIETY FOR THE CONSEQUENCES OF SUCH FAILURE. ACTION TAKEN WITHOUT TH

FURTHERMORE, PINNACLE ENGINEERING GROUP, LLC IS NOT RESPONSIBLE FOR CONSTRUCTION SAFETY OR THE MEANS AND METHODS OF CONSTRUCTION.

INDEX OF SHEETS

COVER SHEET

C-1

C-2 **EXISTING CONDITIONS PLAN**

C-3 SITE PLAN OVERVIEW

C-4 PROPOSED TYPICAL SECTIONS

C-5 **UTILITY PLAN OVERVIEW** C-6 - C-8 **ROADWAY & STORM SEWER P&P**

C-9 WATER AND SANITARY PLAN AND PROFILE

C-10 - C-12 **GRADING PLAN**

C-13 - C-15 **EROSION CONTROL PLAN**

C-16 **INTERSECTION DETAILS** C-17 - C-20 CONSTRUCTION DETAILS

GENERAL NOTES

- THE INTENTION OF THE PLANS AND SPECIFICATIONS IS TO SET FORTH PERFORMANCE AND CONSTRUCTION MATERIAL STANDARDS FOR THE PROPER EXECUTION OF WORK ALL WORKS CONTAINED WITHIN THE PLANS AND SPECIFICATIONS SHALL BE COMPLETED IN ACCORDANCE WITH ALL REQUIREMENTS FROM LOCAL, STATE, FEDERAL OR OTHER GOVERNING AGENCY'S LAWS, REGULATIONS, JURISDICTIONAL ORDINANCESCOGES/RULESSTED, AND THE OWNER'S DIRECTION.
- A GEOTECHNICAL REPORT HAS NOT BEEN PREPARED FOR THE PROJECT SITE. THE DATA ON SUB-SURFACE SOIL CONDITIONS IS NOT INTENDED AS A REPRESENTATION OR WARRANTY OF THE CONTINUITY OF SUCE INVESTIGATIONS THEY FEEL IS NECESSARY FOR THE PROPER EVALUATION OF THE SITE FOR PUR OF PLANNING, BIDDING, OR CONSTRUCTING THE PROJECT AT NO ADDITIONAL COST TO THE DWNER.

- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE COMPUTATION OF QUANTITIES AND WORK REQUIRED TO COMPLETE THIS PROJECT. THE CONTRACTOR'S BID SHALL BE BASED ON ITS OWN COMPUTATIONS AND IN NO SUCH INSTRUCE RELY ON THE ENGINEER'S ESTIMATE.
- QUESTIONS/CLARIFICATIONS WILL BE INTERPRETED BY ENGINEER/OWNER PRIOR TO THE AWARD OF CONTRACT. ENGINEER/OWNER WILL SUBMIT OFFICIAL RESPONSES IN WRITING, INTERPRETATIONS PRESENTED IN OFFICIAL RESPONSES SHALL BE BINDING ON ALL PARTIES ASSOCIATED WITH THE CONTRACT, IN NO WAY SHALL WORD-OF-MOUTH DIALOG CONSTITUTE AN OFFICIAL RESPONSE.
- PRIOR TO START OF WORK, CONTRACTOR SHALL SE COMPLETELY FAMILIAR WITH ALL CONDITIONS OF THE SITE, AND SHALL ACCOUNT FOR COMDITIONS THAT AFFECT, OR MAY AFFECT CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, LIMITATIONS OF WORK ACCESS, SPACE LIMITATIONS, OVERHEAD OSSTRUCTIONS, TRAFFIC PATTERNS, LOCAL REQUIREMENTS, ADJACENT ACTIVITIES, ETC. FAILURE TO CONSIDER SITE CONDITIONS SHALL NOT SE CAUSE FOR CLAM OF JOS EXTRA
- COMMENCEMENT OF CONSTRUCTION SHALL EXPLICITLY CONFIRM THAT THE CONTRACTOR HAS REVIEWED THE PLANS AND SECRIFICATIONS IN ENTIRETY AND CERTIFIES THAT THEIR SUBMITTED BID PROPOSAL CONTAINS PROVISIONS TO COMPLETE THE PROJECT, WITH THE EXCEPTION OF UNFORESEEN HELD CONDITIONS, ALL APPLICABLE PERMITS HAVE BEEN OBTAINED; AND CONTRACTOR UNDERSTANDS ALL OF THE REQUIREMENTS OF THE PROJECT.
- SHOULD ANY DISCREPANCIES OR CONFLICTS IN THE FLANS OR SPECIFICATIONS BE DISCOVERED AFTER THE AWARD OF CONTRACT, ENGINEER SHALL BE NOTHERD IN WRITING IMMEDIATELY AND CONSTRUCTION OF ITEMS FRECTED BY THE DISCREPANCIBECONFLICTS SHALL NOT COMMENCE. OR CONTINUE, UNTIL A WRITTEN RESPONSE FROM ENGINEER/OWNER IS DISTRIBUTED. IN THE EVENT OF A CONFLICT BETWEEN REFERENCED CODES, STANDARDS, SPECIFICATIONS AND PLANS, THE ONE ESTABLISHING THE MOST STRINGENT REQUIREMENTS SHALL BE FOLLOWED.
- THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS AND LICENSES TO COMPLETE THE PROJECT, OBTAINING PERMITS, OR DELAYS, IS NOT CAUSE FOR DELAY OF THE CONTRACT OR SCHEDULE: CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS.
- 12. SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE TO INITIATE, INSTITUTE, EMPORCE, MAINTAIN, AND SUPERVISE ALL SAFETY PRECAUTIONS AND JOB SITE SAFETY PROGRAMS IN CONNECTION WITH THE WORK.
- 13. CONTRACTOR SHALL KEEP THE JOBSITE CLEAN AND ORDERLY AT ALL TIMES, ALL LOCATIONS OF THE SITE SHALL BE KEPT IN A WORKING MANNER SUCH THAT DEBRIS IS REMOVED CONTINUOUSLY AND ALL RESPECTIVE CONTRACTORS OPERATE LINDER GENERAL "COOD HOUSEKEEPING."



EASEMENT LINE

PLAN I DESIGN I DELIVER

WOODFIELD TRAIL

WEST RYAN ROAD, FRANKLIN, WI 53132

REVISIONS

SHEET

C-1

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LEGEND

SANITARY SEWER MANHOLE STORM SEWER MANHOLE

PRECAST FLARED END SECTION

FIRE HYDRAN1

SANITARY SEWER FORCE MATN

STORM SEWER

WATER MAIN FIRE PROTECTION ELECTRICAL CABLE OVERHEAD WIRES GAS MAIN

TELEPHONE LINE

UTILITY CROSSING

CAUTION EXISTING UTILITIES NEARBY

PRIMARY ENVIRONMENTAL CORRIDOR

HIGH WATER LEVEL (HWL)

NORMAL WATER LEVEL (NWL)

DIRECTION OF SURFACE FLOW

FENCE LINE, CHAIN LINK OR IRON

FENCE LINE, WOOD OR PLASTIC

REVERSE PITCH CURB & GUTTER

CONCRETE SIDEWALK **CURB AND GUTTER** DEPRESSED CURB

GRANULAR TRENCH BACKFILL

ELECTRICAL TRANSFORMER OR PEDESTAL

POWER POLE WITH LIGHT

POWER POLE

GUY WIRE STREET SIGN

CONTOUR

WETLANDS

FLOODWAY

FLOODPLAIN

DITCH OR SWALE

DIVERSION SWALE OVERFLOW RELIEF ROUTING

SOIL BORING TOPSOIL PROBE FENCE LINE, TEMPORARY SILT FENCE LINE, WIRE

TREE WITH TRUNK SIZE

SPOT ELEVATION

CLEANOUT

STORM SEWER CATCH BASIN (ROUND CASTING)

STORM SEWER CATCH BASIN (RECTANGULAR CASTING)

EXISTING

_ _ 749 _ _

×(750.00)

PROPOSED

(CAUTION)

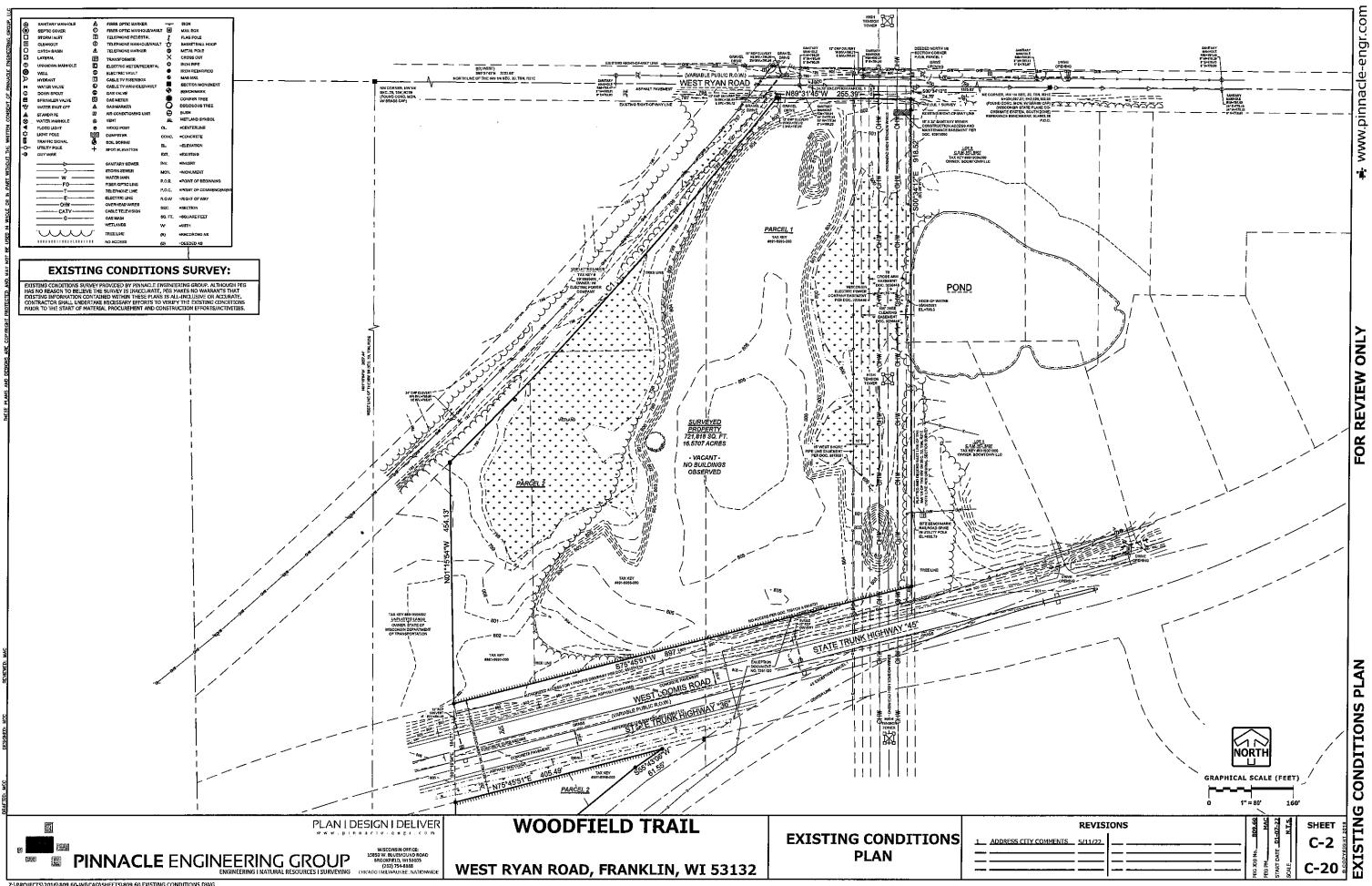
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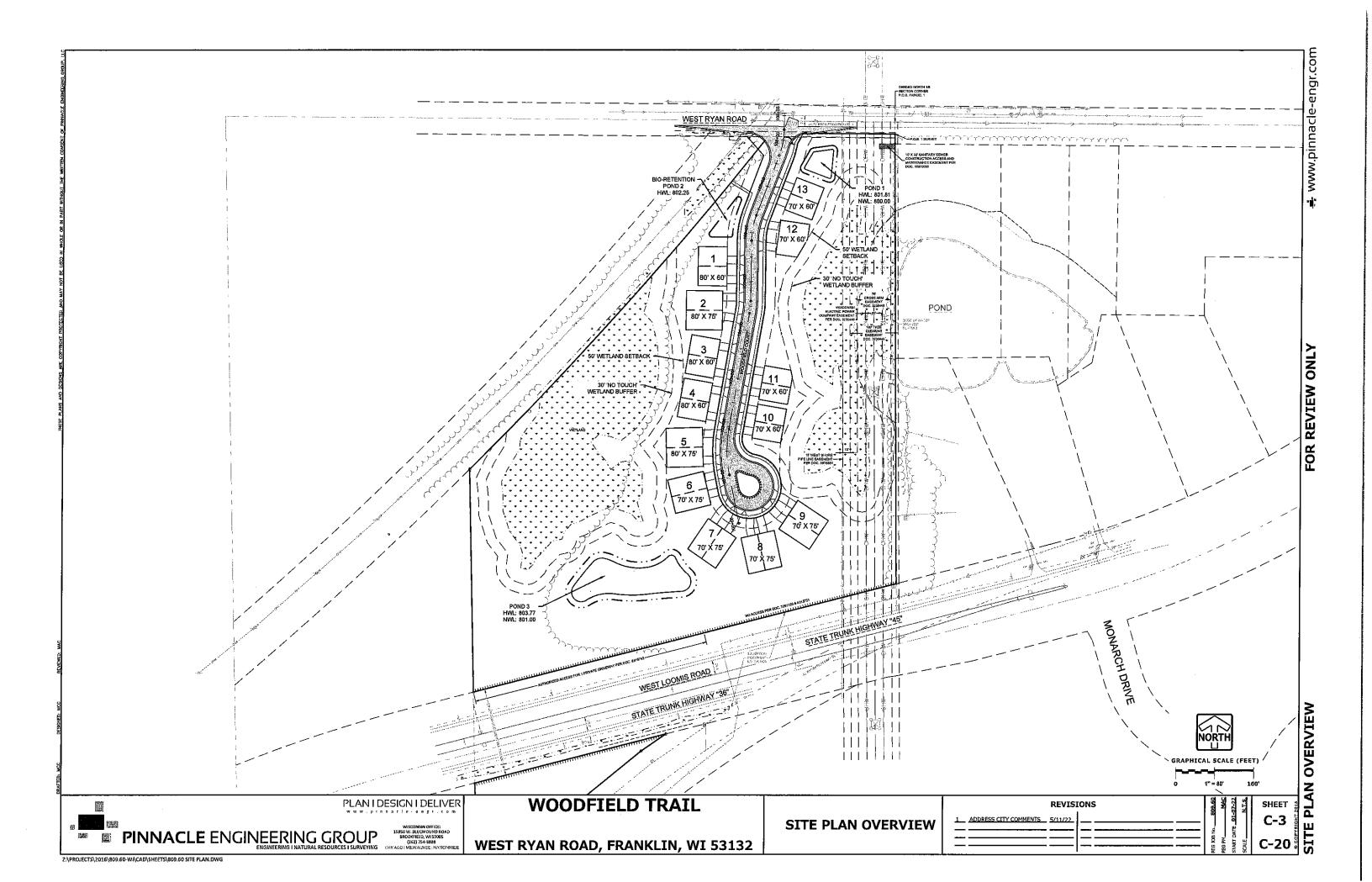
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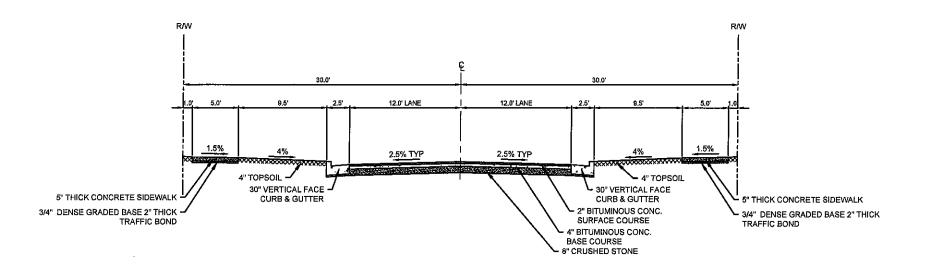
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must be be be

COVER SHEET







PROPOSED RESIDENTIAL STREET TYPICAL SECTION - 60' R.O.W. WOODFIELD COURT STA 101+50.00 TO 107+50.00

NOTE: CRUSHED STONE BASE SHALL CONSIST OF THE BOTTOM 4 INCHES OF 1½" TO 3" TB AND THE TOP 4 INCHES OF ½" TO 1½" TB.

NOTE: BITUMINOUS CONC BASE COURSE TO HAVE A NO.3 (19.0mm) GRADATION (3 MT 58-28 S). BITUMINOUS CONC SURFACE COURSE TO HAVE A NO.4 (12.5mm) GRADATION (4 MT 58-28 H).

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WOODFIELD TRAIL

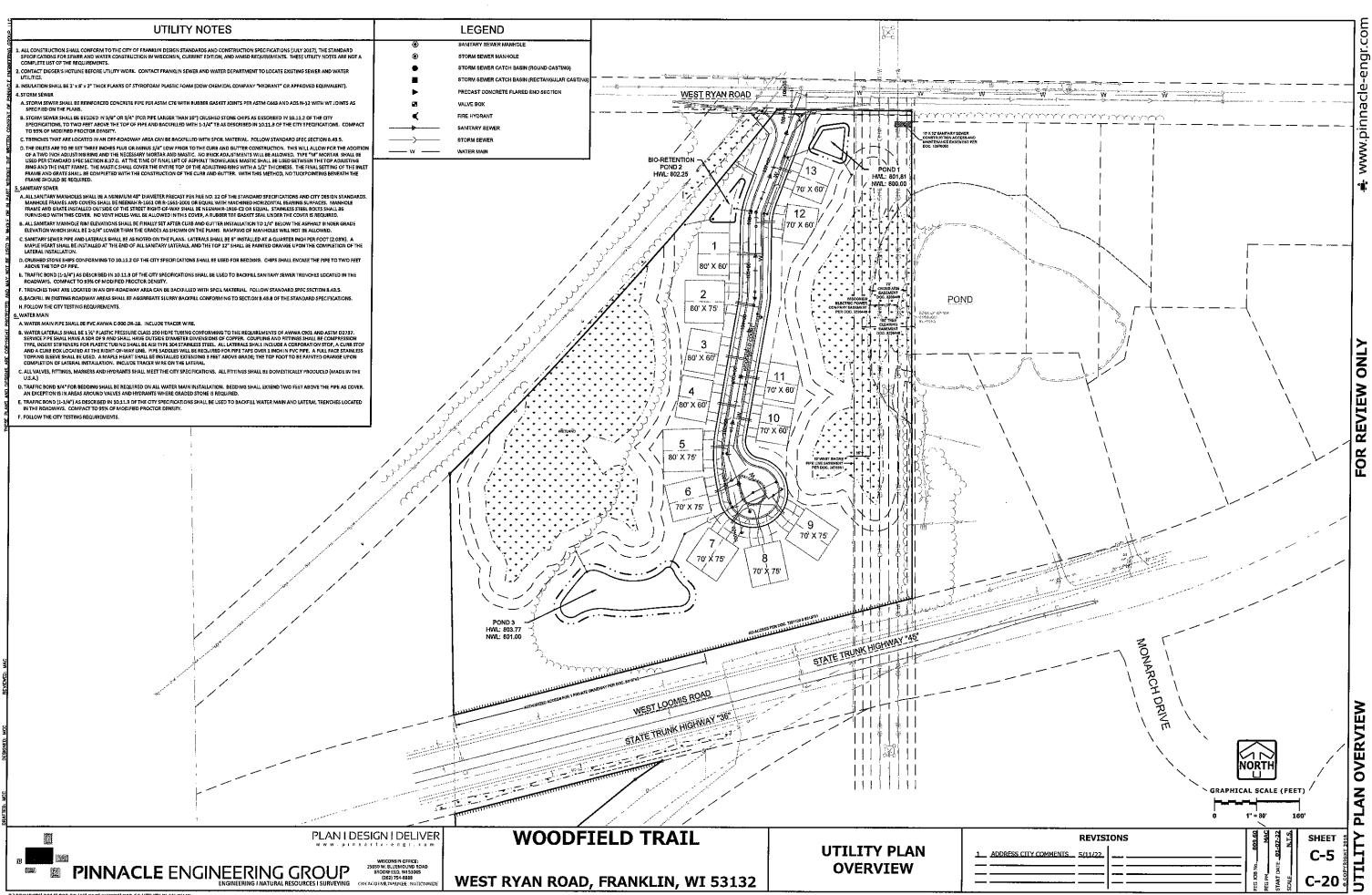
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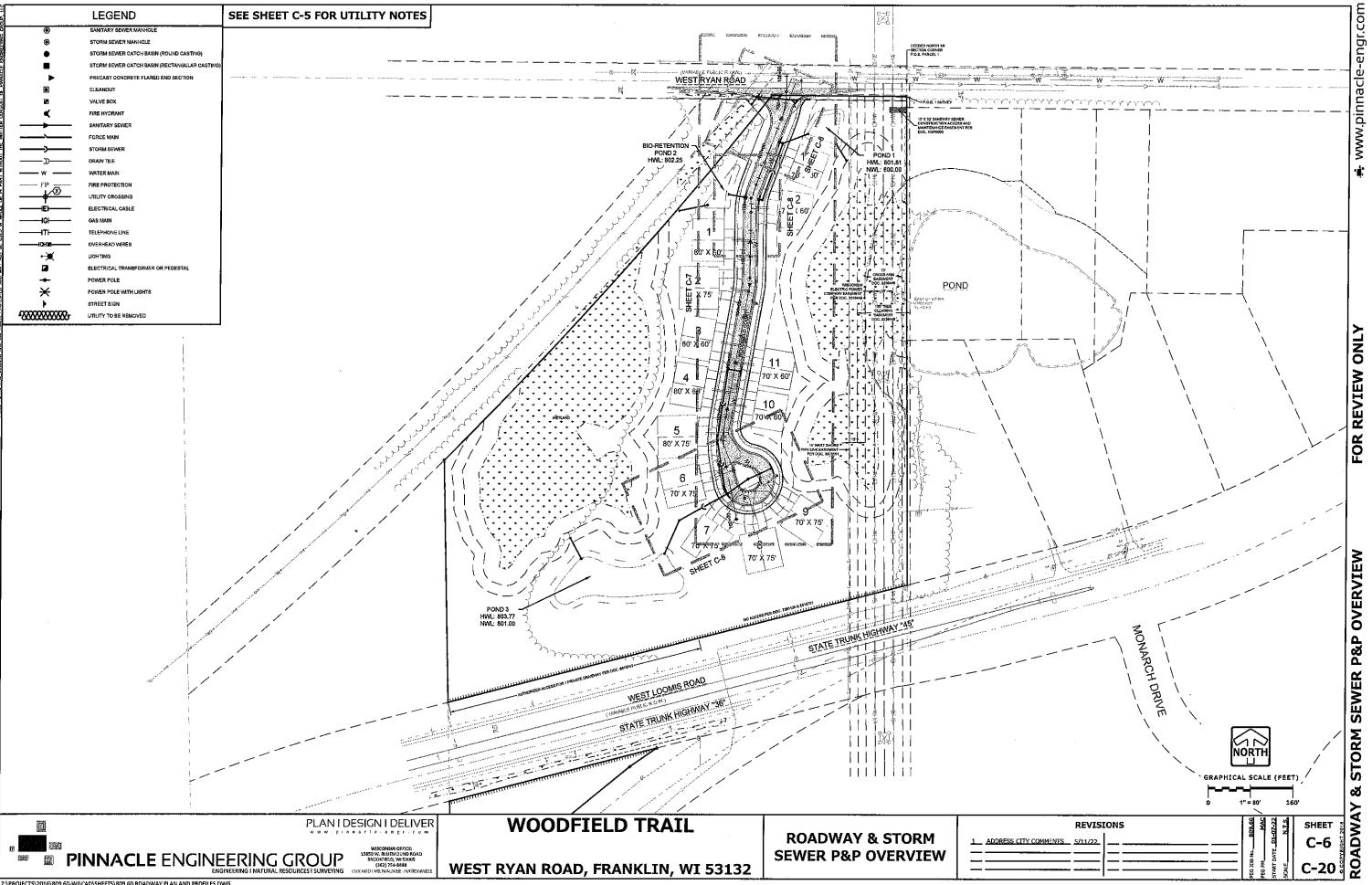
PROPOSED TYPICAL SECTIONS

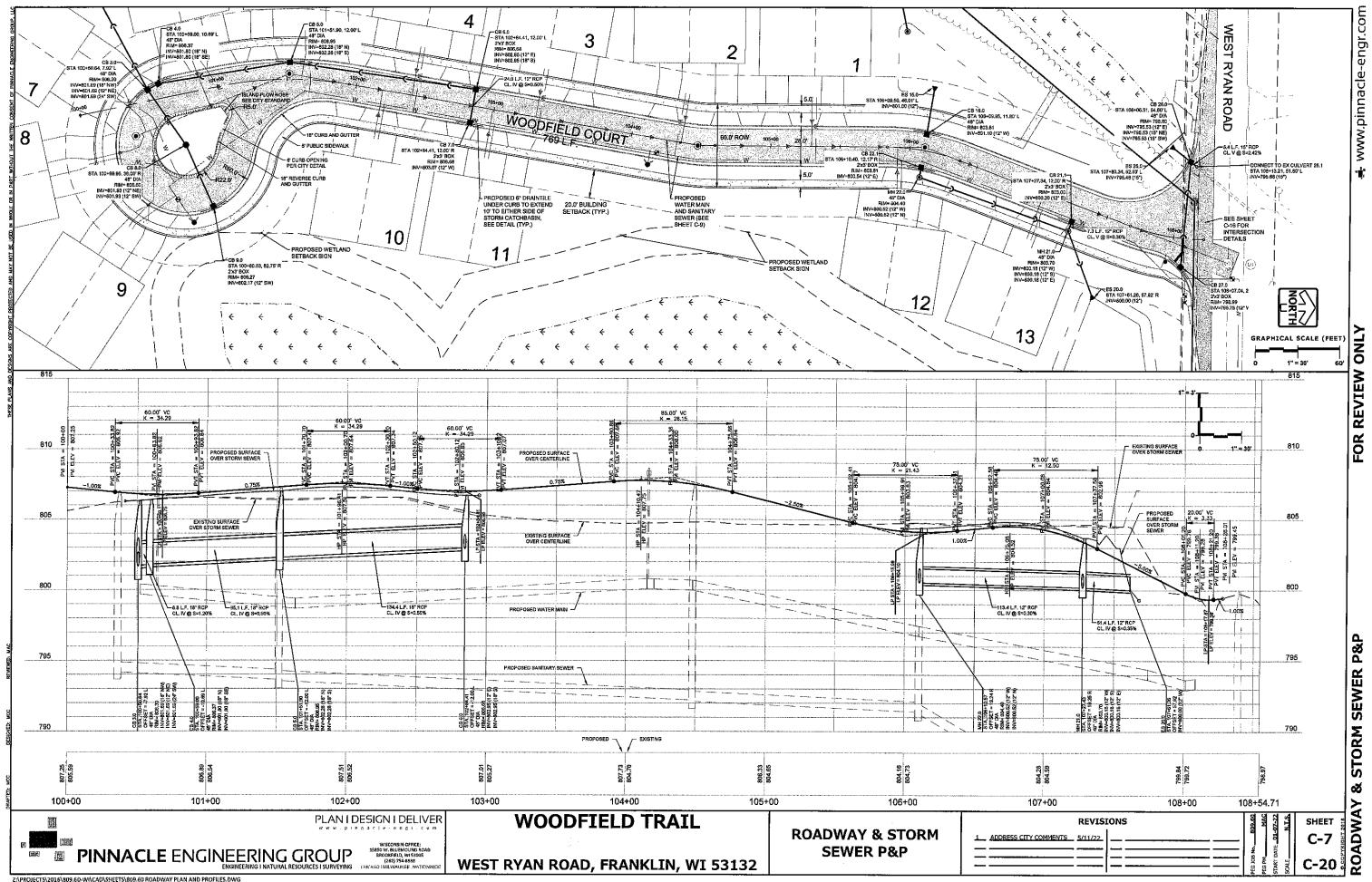
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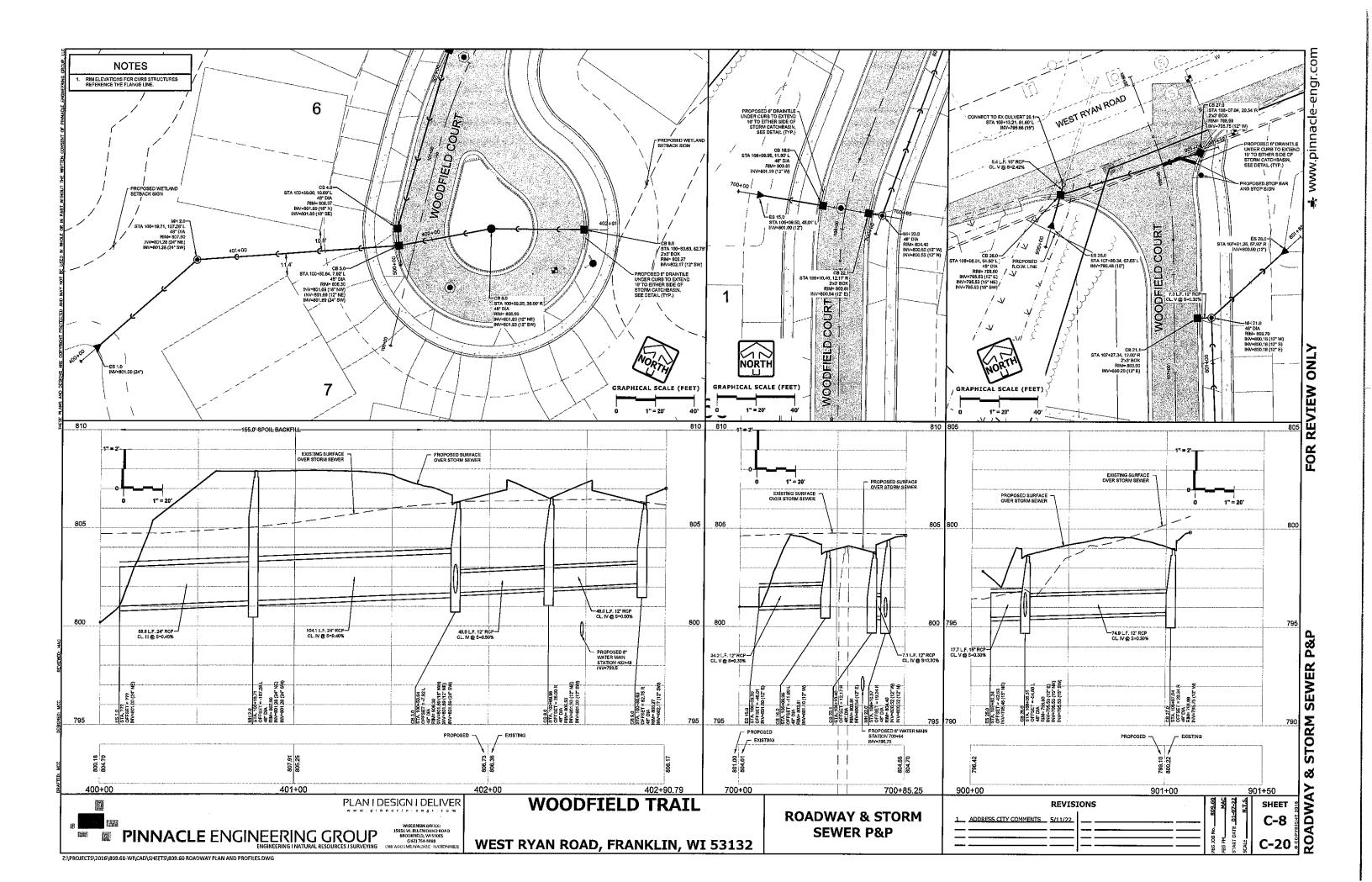
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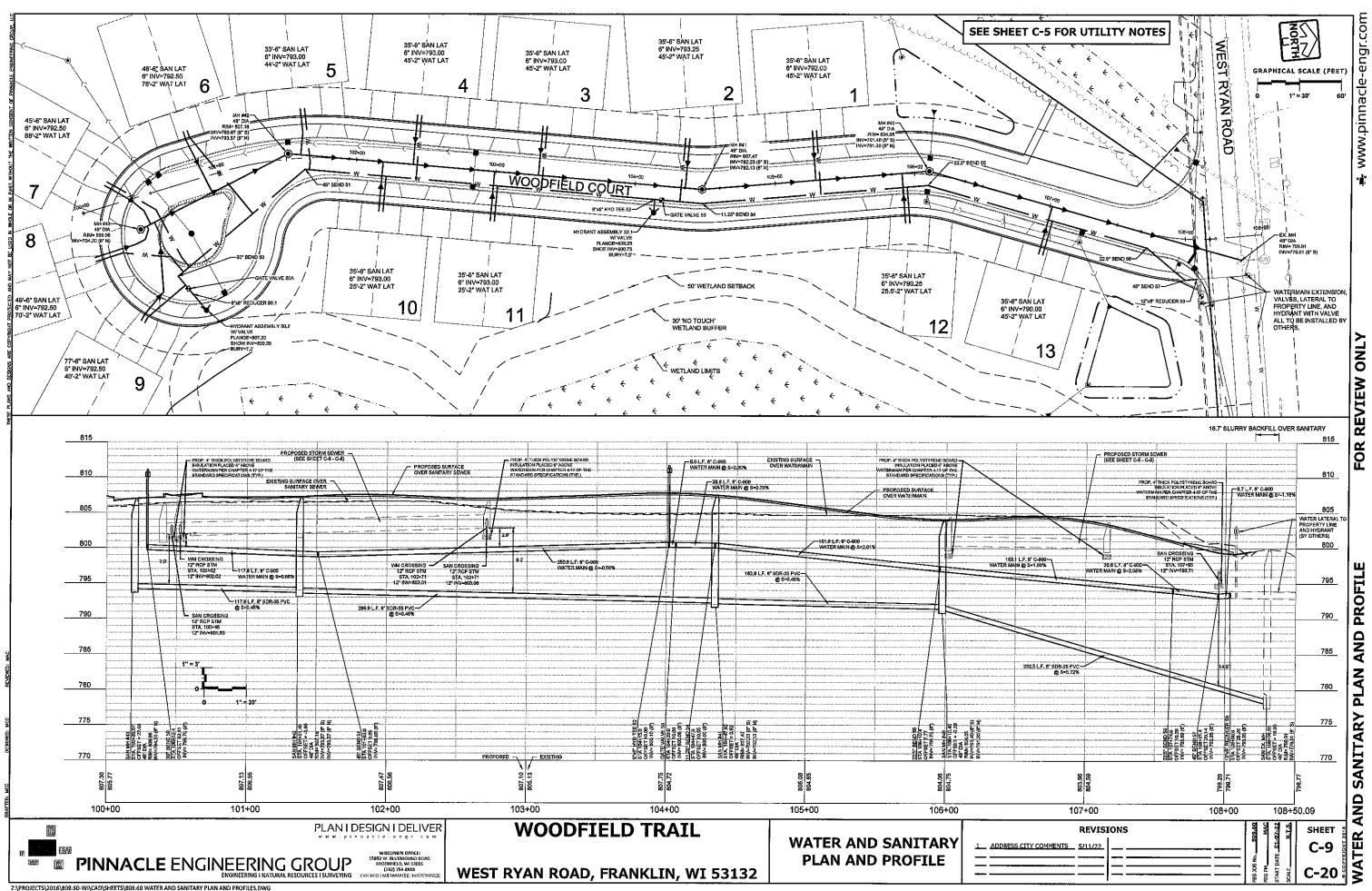
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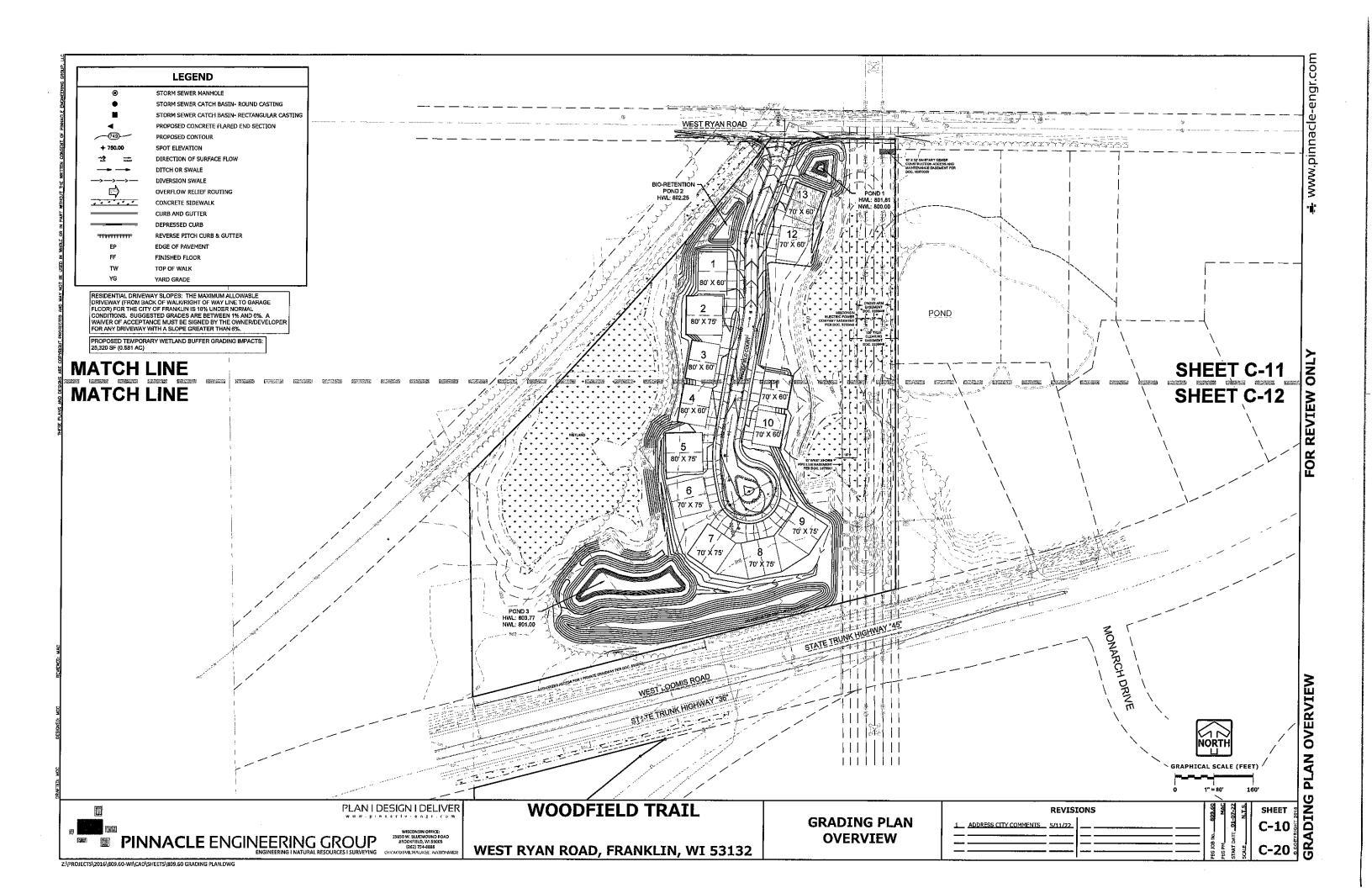


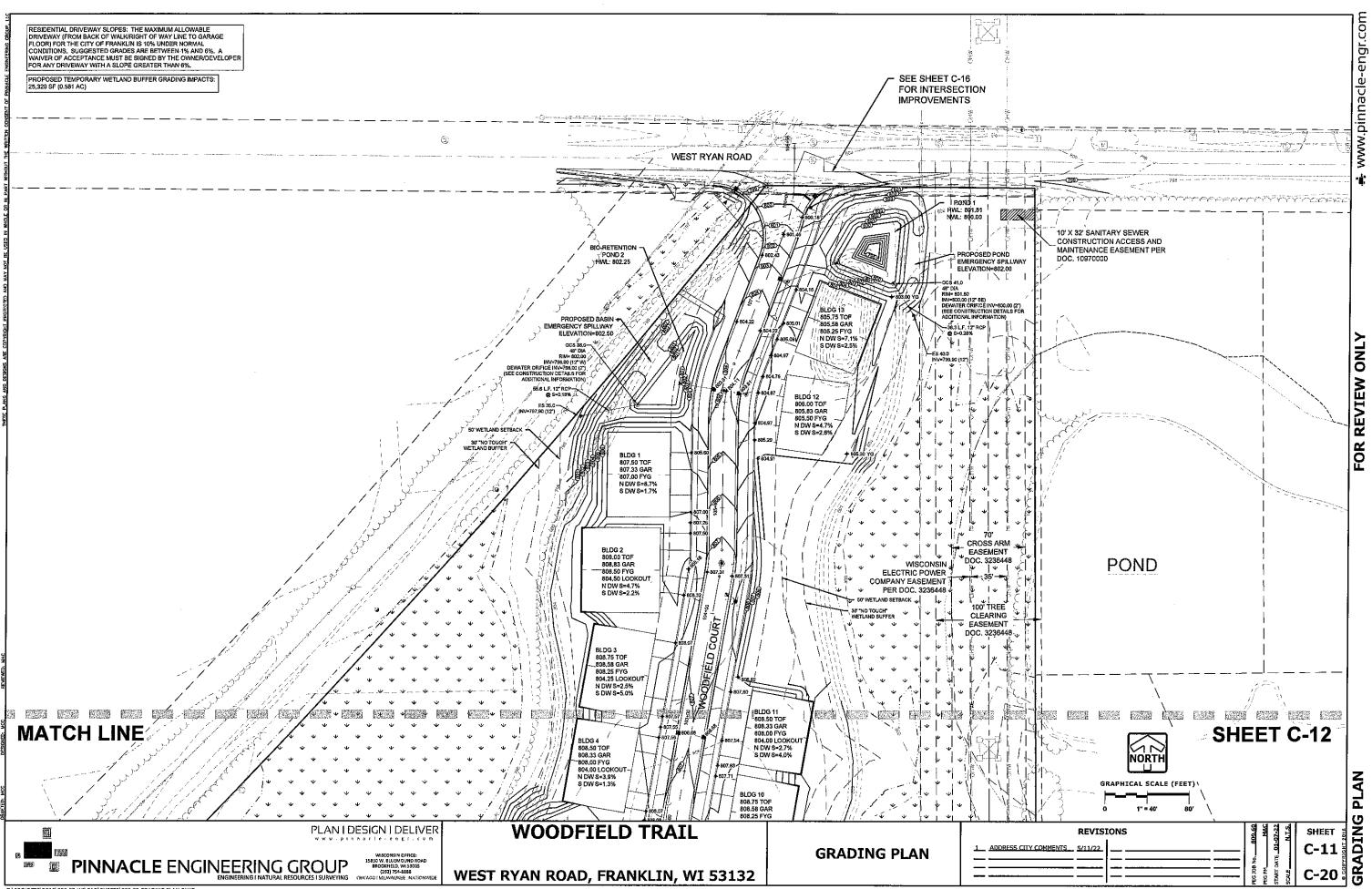


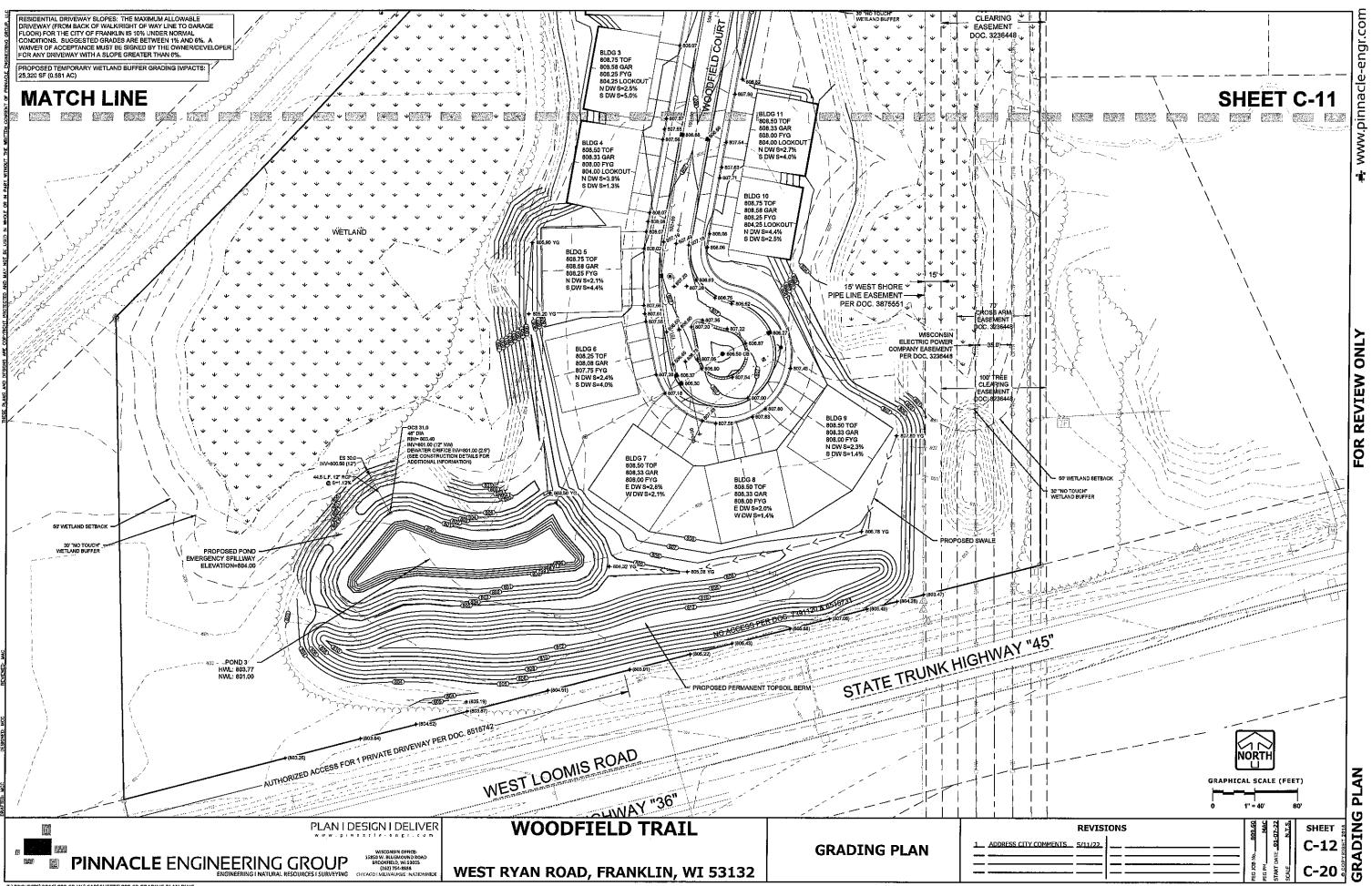


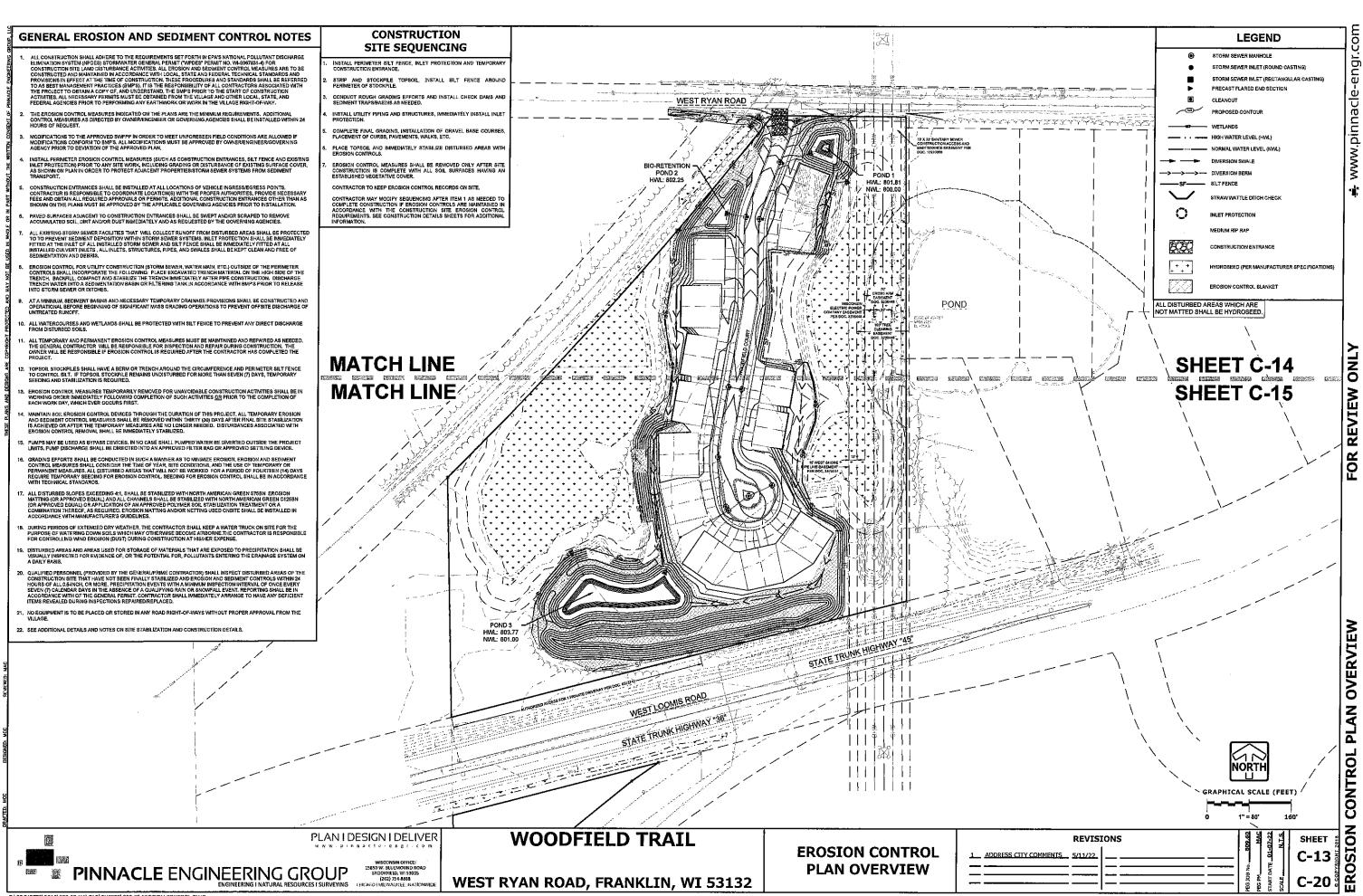


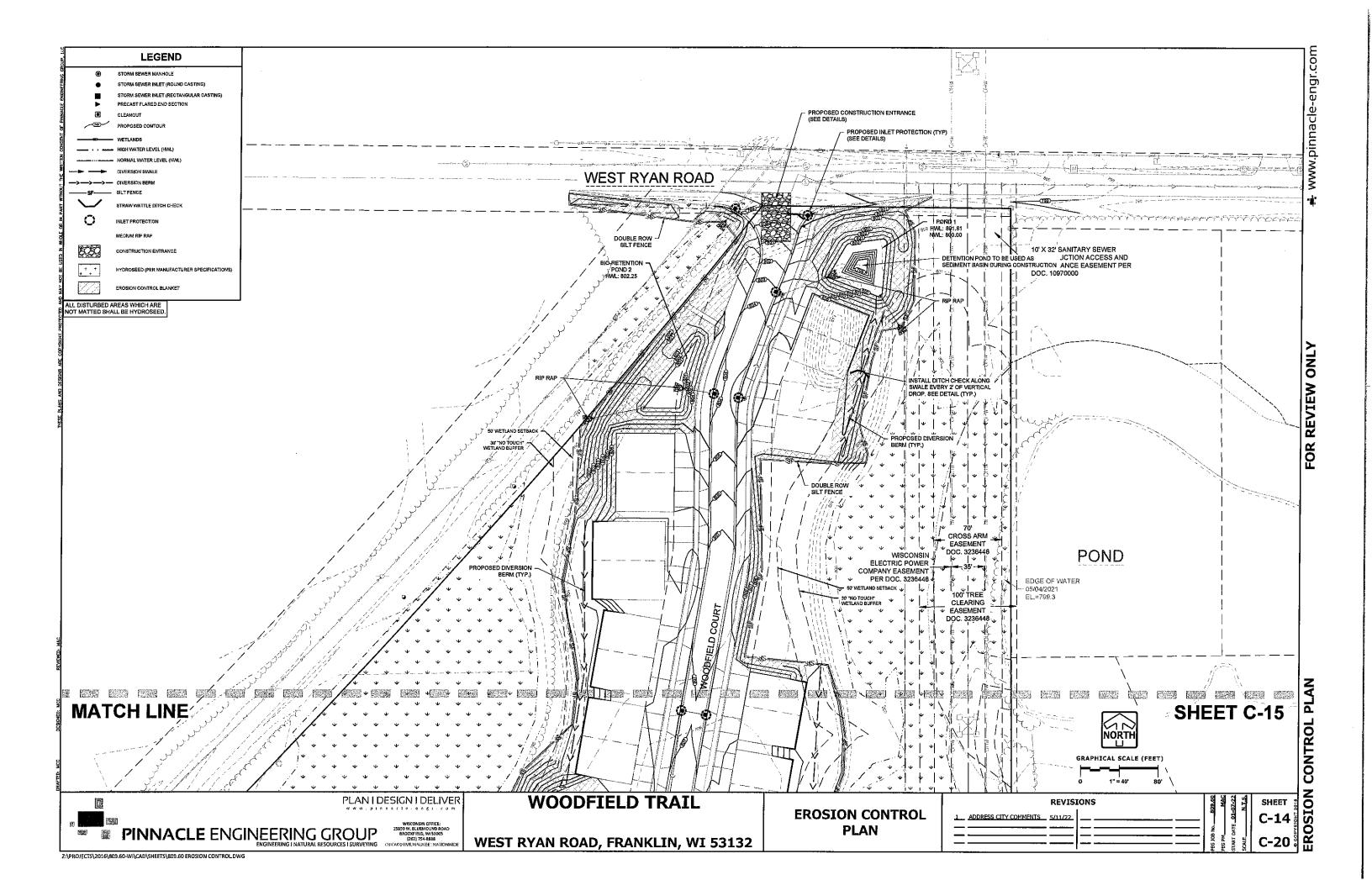


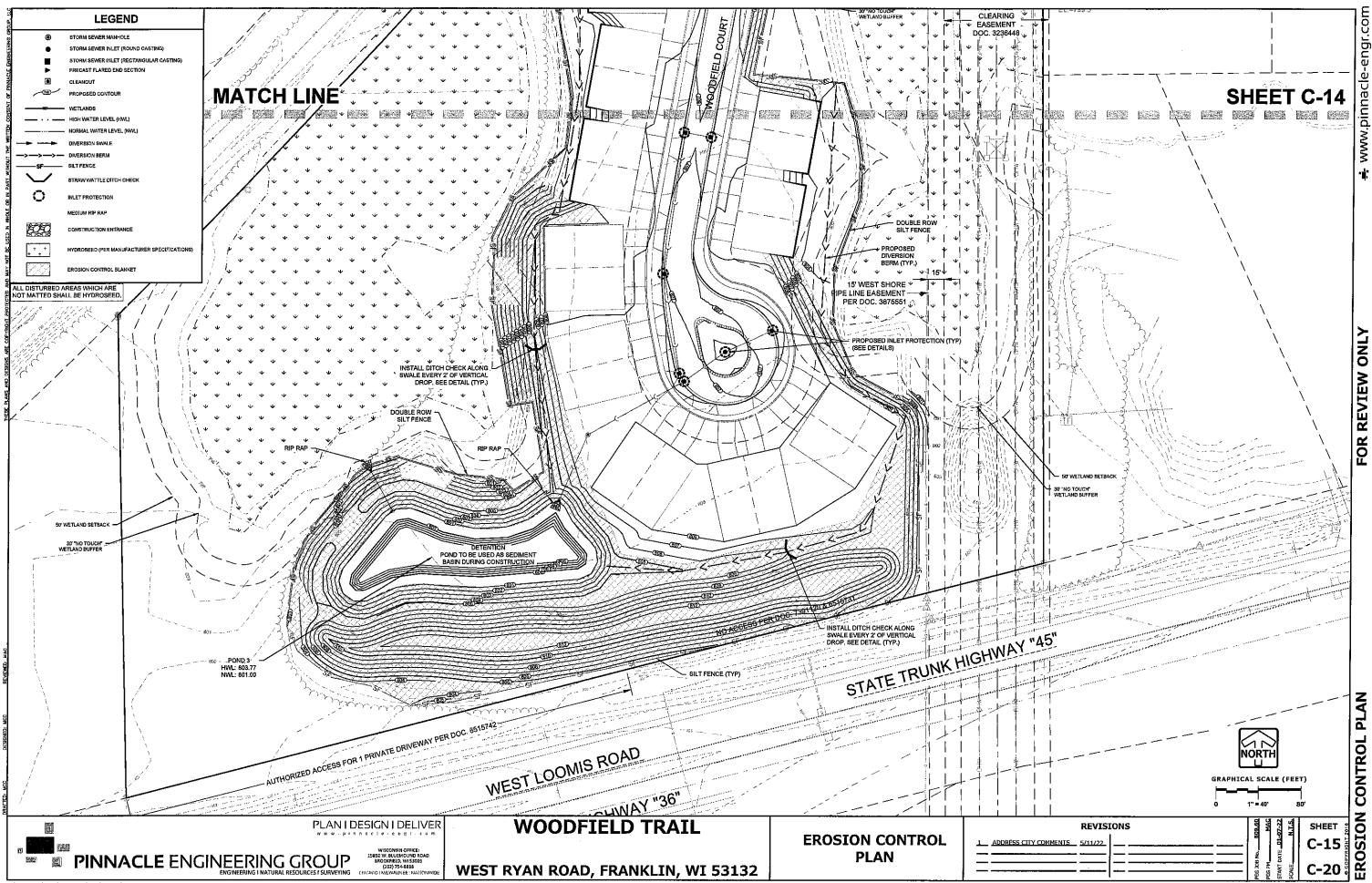


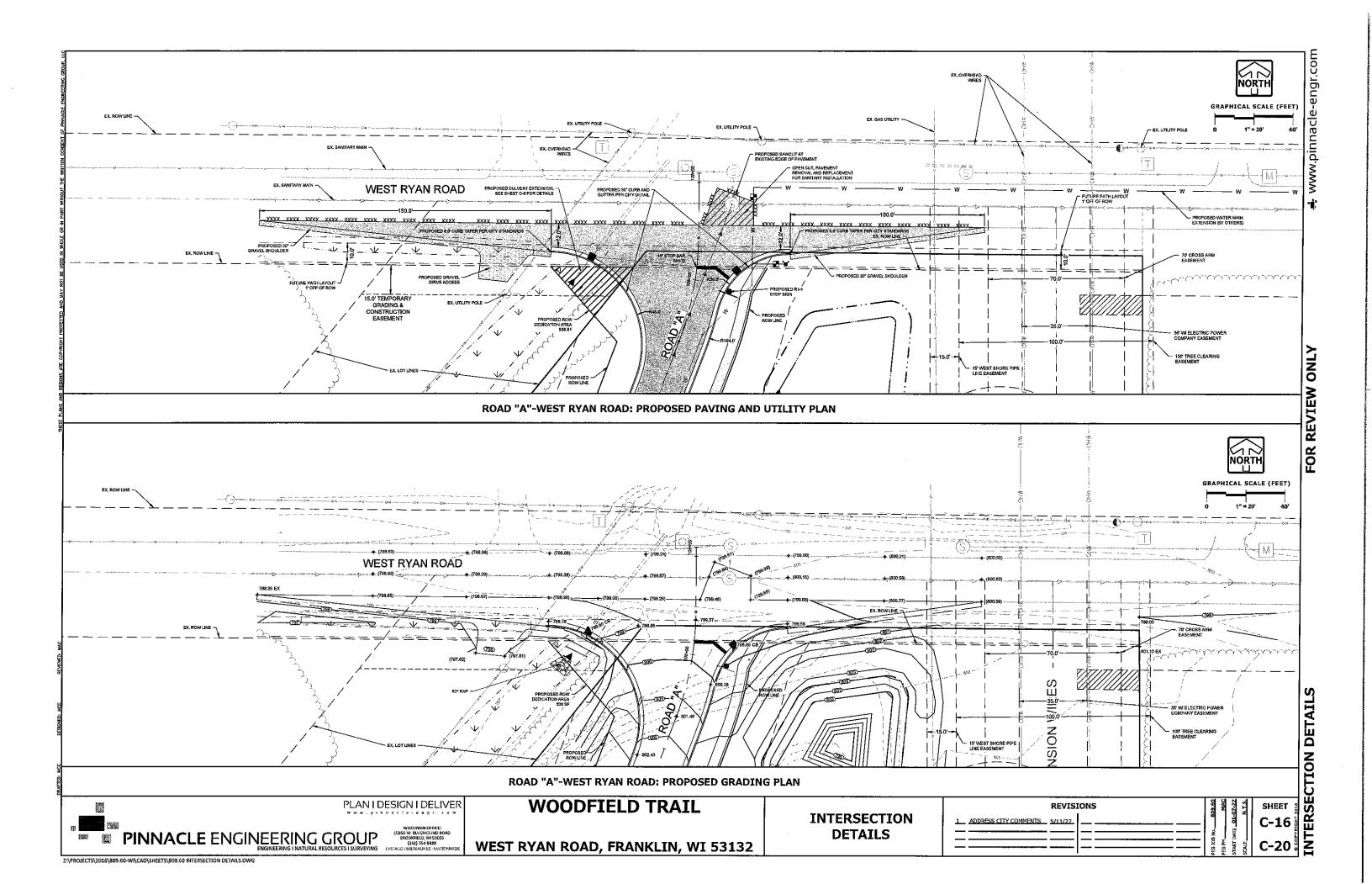












1.0 POTENTIAL POLLUTANT SOURCES

- STRIP TOPSOIL WITHIN THE UNITS OF THE BEDDINENT TRAPS THAT WILL BE USED FOR TEMPORARY SEDIMENT CONTROL. STRIPPED TOPSOIL SHALL BE PLACED TO CONSTRUCT DIVERSION BERMINS OR PLACED WITHIN THE STOCKPILE LIMITS.
- COMDUCT ROUGH GRAZING OPERATIONS AND UTILITY PPING INSTALLATION, DRAIN TILE SHALL NOT BE INSTALLED UNTIL UPLAND AREAS CONTRIBUTING STORMANTER RUMOFF ARE STRUCKED, DITCH CHECKS SHALL BE INSTALLED WHEN PROMISED DITCHES INMEDIATELY POLLOWING CREATION OF DITCHES AND PILET PROTECTION SHALL BE INSTALLED TO PROTECT ANY STRUM SERVER OF AUXILYETIS THAT WILL PLANCISOURING CONSTRUCTION.
- 6. FINE GRADE SUB-GRADE SOILS WITHIN PAYEMENT AND BUILDING LIMITS. PLACE STONE BASE MATERIAL AS SOON AS POSSIBLE FOLLOWING COMPLETION OF FINE GRADING EFFORTS,

THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OF PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INTUITED, SHALL SE RECORDED ON THE STABILIZATION SCHEDULE FOR MAJOR GRADING ACTIVITIES.

THE FOLLOWING ARE DESCRIPTIONS OF STRUCTURAL PRACTICES TO BE IMPLEMENTED TO DIVERT FLONS FROM EXPOSED SOILS, STORE FLONS, OR OTHERWISE LIMIT THE DISCHARGE OF POLILITIANTS FROM EXPOSED AREAS OF THE SITE INCLUDING THE PROPOSED AND EXISTING WETLAND AREAS, SUCH

<u>QUESTION BERMISHALE</u> SHALL BE CONSTRUCTED TO EXPERT RUNOFF AROUND THE SITE AND TO DIVERT RUNOFF FROM THE DISTURBED AREA TO A SEDIMENT TRAP OR OTHER CONTROL, BERMISHMALES SHALL BE STABILIZED WITH EQUIPMENT TRACKING AND TEMPORARY SEEDING,

ADDITIONAL POLLUTANT CONTROL MEASURES TO BE IMPLEMENTED DURING CONSTRUCTION ACTIVITIES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING.

THE FOLLOWING MUNITENANCE PRACTICES BYALL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, ERGSION AND SECRIMENT CONTROL MEASURES, AND OTHER PROJECTIVE IN SAURISE DEPTRIED IT HAS PLAY UPON INDIRITIONATION, DEPTRICHAGES IN STORMANTER CONTROLS SHALL SE ADDRESSED IMMEDIATELY. THE MAINTENANCE PROCEDURES FOR THIS DEPTRICHMENT PONLIN KLULDE, BUT NOT SELIMITED IN THEIRIGHT.

- 1. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE MAINTAINED DINSTE.
 2. IMMEDIATELY UPON INSCOMERY, ALL SPILLS ISHALL BE CLEANED UP ACCORDING TO THE MAINTENER RECOMMENDED METHODS.
 3. PERSONNEL CLEANING UP A SITU ISHALL ISHE PERSONAP, PROTECTIVE EXPLAIMENT.
 4. IMMEDIATELY UPON INSCOMERY, SPILLS OF TOXIC OR HAZARDOLIS IMATERIALS SHALL BE REPORTED TO THE OWNER AND GENERAL CONTRACTOR.
 5. NOTIFICATION AND REPORTING TO THE APPROPRIATE FEDERAL, STATE, AND LOCAL GOVERNMENT ADSPCTES SHALL BE MADE AS RECASED.

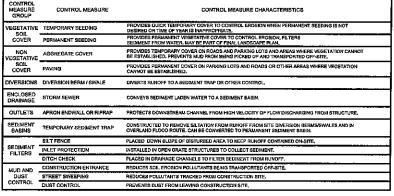
THE CWANER SHALL RETAIN A COPY OF THE SYMPPP AT THE CONSTRUCTION SITE FROM THE DATE OF THE PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION

THE CONTRACTOR SHALL ANNION THE PLAN YMERICAGE THERE IS A DIVINGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DESIGNATION OF REMOVED OF POLICIAINTS TO THE WARRINGS OF THE STATE AND WHICH HAS NO THE STATE AND RECOVER TO BE INSPECTIVED. IN CONTRACTION OF THE ADMINISTRATION OF SIGNIFICATION OF THE PLAN PROVIDE TO BE INSPECTIVED. IN EMBRISHING OR SIGNIFICATION OF THE ADMINISTRATION OF THE PLAN PROVIDE TO BE INSPECTIVED. AND REMOVED TO THE PLAN MAY BE RECOVERED THE WARRINGS OF THE PLAN ADMINISTRATION OF THE PLAN MAY BE RECOVERED THE WARRINGS AND THE PLAN PROVIDED THE ADMINISTRATION OF THE PLAN PROVIDED THE PLAN

CONTROL MEASURE GROUP	CONTROL MEASURE	CONTROL MEASURE CHARACTERISTICS
VEGETATIVE SOIL	TEMPORARY SEEDING	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE.
COVER	PERMANENT SEEDING	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION, FILTERS SEDIMENT FROM WATER, MAY BE PART OF FINAL LANDSCAPE PLAN,
NON VEGETATIVE	AGGREGATE COVER	PROVIDES TEMPORARY COVER ON ROADS AND PARKING LOTS AND AREAS WHERE VEGETATION CANNOT BE ESTABLISHED, PREVENTS MUD FROM BEING PICKED UP AND TRANSPORTED OFF-SITE.
SOIL COVER	PAVING	PROVIDES PERMANENT COVER ON PARKING LOTS AND ROADS OR OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED.
DIVERSIONS	DIVERSION BERM / SWALE	DIVERTS RUNOFF TO A SEDIMENT TRAP OR OTHER CONTROL.
ENCLOSED DRAINAGE	STORM SEWER	CONVEYS SEDIMENT LADEN WATER TO A SEDIMENT BASIN.
OUTLETS	APRON ENDWALL OR RIPRAP	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM STRUCTURE.
SEDIMENT BASINS	TEMPORARY SEDIMENT TRAP	CONSTRUCTED TO REMOVE SILITATION FROM RUNOFF FROM SITE DIVERSION BERMS/SWALES AND IN OVERLAND FLOOD ROUTE. CAN BE CONVERTED TO PERMANENT SEDIMENT BASIN.
	SILT FENCE	PLACED DOWN SLOPE OF DISTURBED AREA TO KEEP RUNOFF CONTAINED ON-SITE,
SEDIMENT FILTERS	INLET PROTECTION	INSTALLED IN OPEN GRATE STRUCTURES TO COLLECT SEDIMENT.
	D/TCH CHECK	PLACED IN DRAINAGE CHANNELS TO FILTER SEDIMENT FROM RUNOFF.
MUD AND	CONSTRUCTION ENTRANCE	REDUCES SOIL EROSION POLLUTANTS BEING TRANSPORTED OFF-SITE.
DUST	STREET SWEEPING	REDUCES POLLUTANTS TRACKED FROM CONSTRUCTION SITE.
CONTROL '	DUST CONTROL	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE,

STABILIZATION TYPE		STABILIZATION UTILIZATION PERIODS										
STABILIZATION TIPE	JAN,	FE9,	MAR,	APR,	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			Ą	*	*	*	*	*	* \			
1 EMPRICAL DEEDING												
DORMANT SEEDING	<u> </u>		\Box								B	
DOAMANT SEEDING	•		<u> </u>	L	L						,	
TEMPORARY SEEDING	1		ç	*	*	* \	P.*	*	Ž			
TERRI OTORET GEEDING			-			_			/			
SODDING			Ē	*	*	*	*	*	*			
BODDING			-								ľ	

- KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE.
- B, KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE. C. SPRING OATS 100 LBS/ACRE.
- D. WHEAT OR CEREAL RYE 150 LBS/ACRE.
- F. STRAW MULCH 2 TONS/ACRE * IRRIGATION/WATERING REQUIRED TO SUPPORT ESTABLISHMENT AS NEEDED.



STABILIZATION EFFECTIVENESS (TIME OF YEAR)

STABILIZATION TYPE	STABILIZATION UTILIZATION PERIODS											
31ABILIZATION TIPE	JAN,	FEB,	MAR,	APR,	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			Ą	*	*	*	*	*	*			
1 Eldwarfig DEEDBAO									\			
DORMANT SEEDING	ę i		_								ĝ	7
BOILDAY DELONG	Ľ											
TEMPORARY SEEDING			ç	*	*	* \	P *	*	*			
TEMA GIVETI GERGING						_ :						
SODDING			Ē	*	*	*	*	*	*			
0000			_									

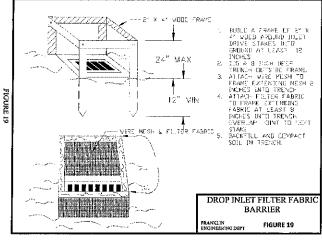
Communication of the Communica PROFILE VIEW "AA" RIP RAP DETAILS

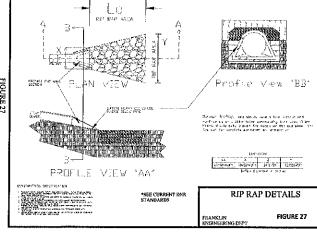
BERM

DIVERSION MAY REQUIRE AREAS OF BERM AND OTHER AREAS OF CHANNEL TO PROVIDE SUFFICIENT PERIMETER PROTECTION.

DIVERSION BERM / CHANNEL

6. AT MIMMUM, INSTALL ONE DITCH CHECK (SEE DETAIL) FOR EVERY 2 VERTICAL FEET OF DROP.







PLANIDESIGNI DELIVER

WOODFIELD TRAIL

WEST RYAN ROAD, FRANKLIN, WI 53132

CONSTRUCTION DETAILS

REVISIONS 1 ADDRESS CITY COMMENTS 5/11/22

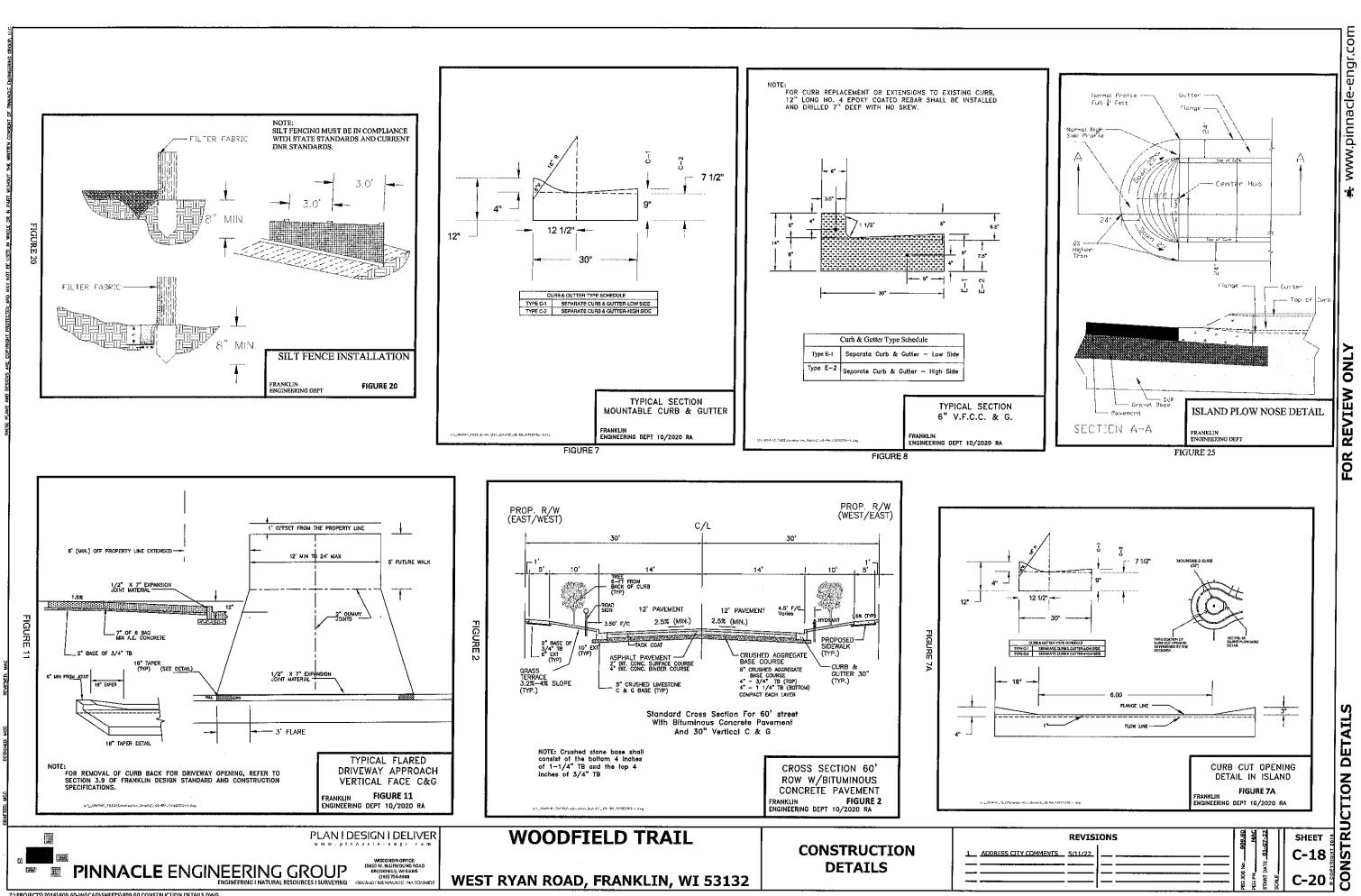
CONSTRUCTION ENTRANCE

NOTES:

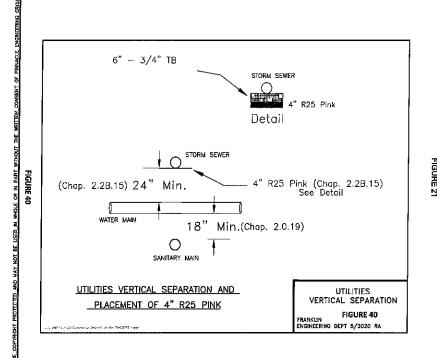
DITCH CHECK WITH STRAW BALES

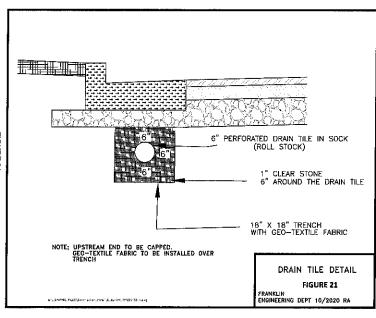
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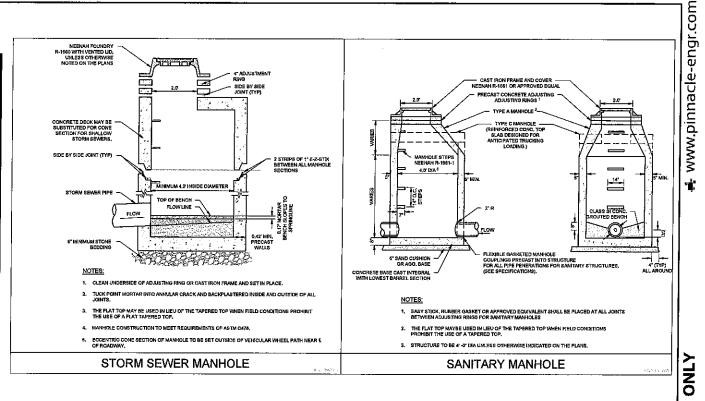
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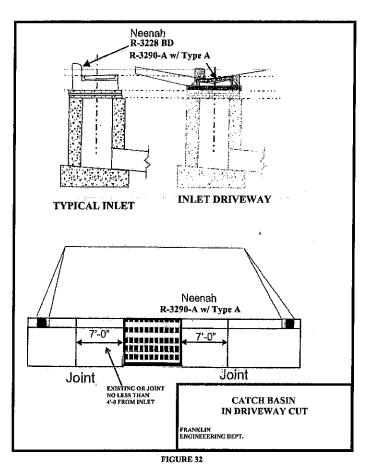


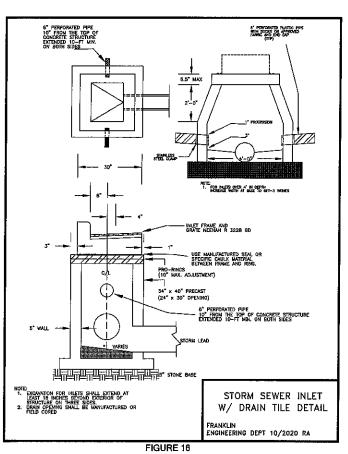
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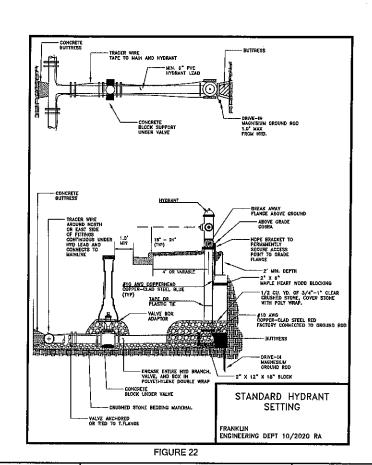


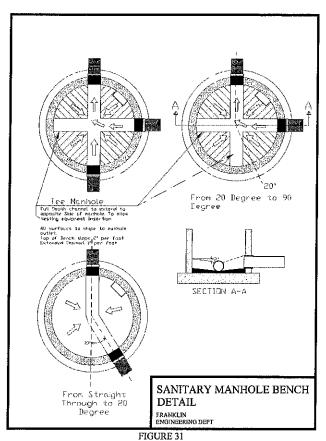














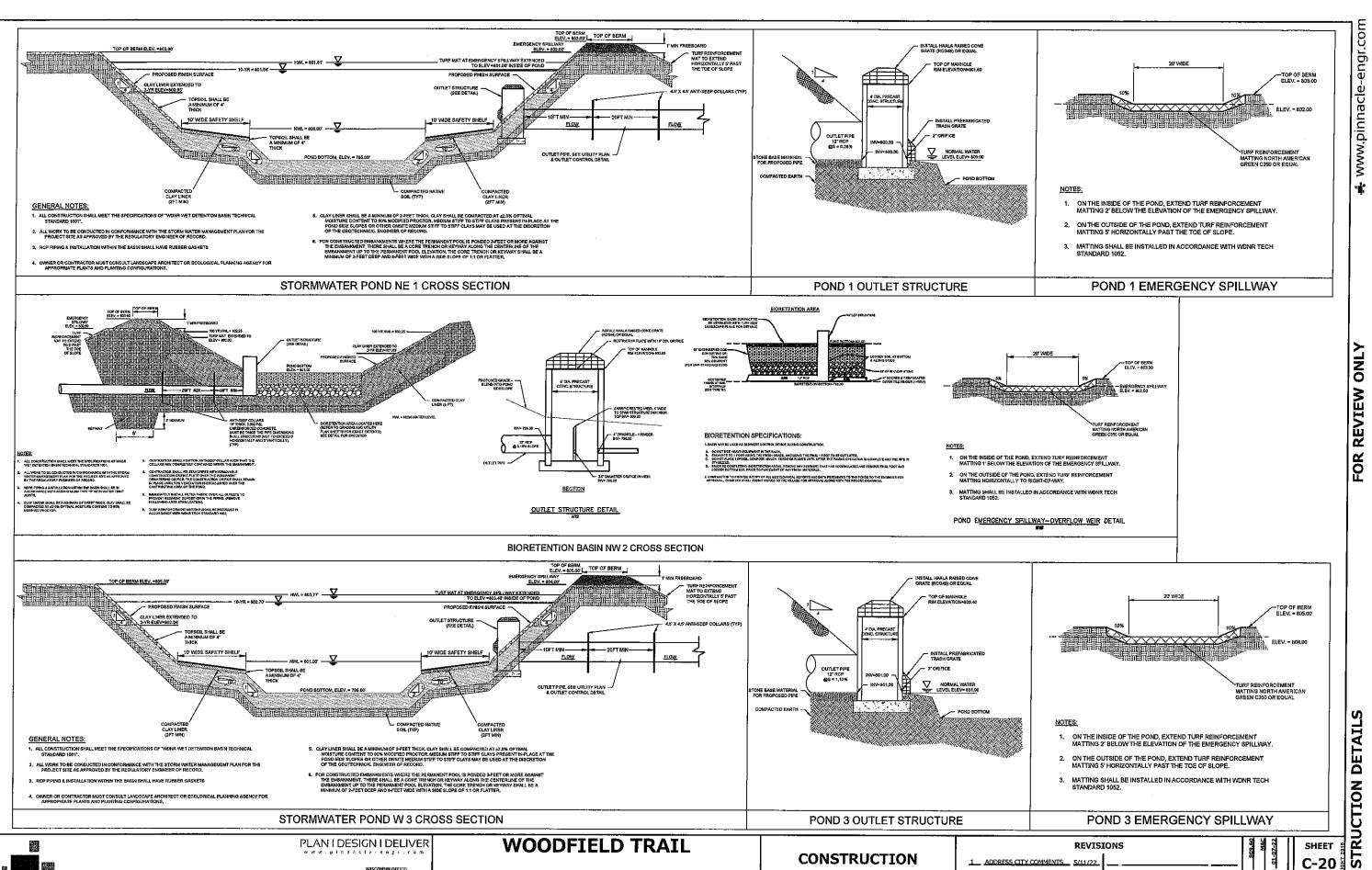
WOODFIELD TRAIL
WEST RYAN ROAD, FRANKLIN, WI 53132

CONSTRUCTION DETAILS

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NSTRUCTION DETAILS



WEST RYAN ROAD, FRANKLIN, WI 53132

DETAILS

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PINNACLE ENGINEERING GROUP
ENGINEERING I NATURAL RESOURCES I SURVEYING

PLANT SCHEDULE

EVERGREEN TREES PD PS	<u>OTY</u> 5 3	BOTANICAL NAME Pices glaucs "Densets" Pinus strobus	COMMON NAME Black Hills Spruce Write Pine	<u>SIZE</u> 4` Ht. 4` Ht.	REMARKS 30' T x 15' W 50' T x 30' W
STREET TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
AAS	7	Acer rubrum 'Autumn Spire'	Autumn Spire Maple	2" Cal.	30 T x 20 W
ANO	3	Acer rubrum 'Northwood'	Northwood Maple	2" Cal.	50' T x 35' W
GBM	7	Ginkgo biloba	Maidenhair Tree	2" Cal.	65 T x 35 W
TCG	8	Tilla cordata `Greenspire`	Greenspire Littleleaf Linden	2* Cai.	45' T x 35' W

GROUND COVERS QTY BOTANICAL NAME COMMON NAME

AGRECOL SHORTGRASS PRAIRIE AGRECOL SHORTGRASS PRAIRIE MIX

REQUIRED	PROVIDED
8	26
8	EGNIKED

NATIVE PLANTINGS

SPECIFICATIONS FOR HAND BROADCASTING:

SEEDING SHALL BE CONDUCTED IN LATE FALL (SEPTEMBER 1- SOIL FREEZE) SO THAT SEEDS MAY LIE DORMANT DURING THE WINTER, ALLOWING FOR STRATIFICATION, OR SPRING (MARCH 1-JUNE 1) TO ALLOW A COMPLETE GROWING SEASON TO BECOME ESTABLISHED.

PRIOR TO SEEDING: ALL WEEDS AND EXISTING VEGETATION SHALL BE REMOVED. EXISTING VEGETATION SHALL BE TREATED WITH GLYPHOPHATE OR SIMILAR HERBICIDE BY A LICENSED PROFESSIONAL. TREATMENT SHALL OCCUR A MINIMUM OF 10 DAYS PRIOR TO SEEDING/PLANTING. VEGETATION STILL ALIVE AFTER INITIAL HERBICIDE TREATMENT SHALL BE TREATED A SECOND TIME PRIOR TO TILLING INTO THE SOIL TREATED VEGETATION SHALL BE TILLED INTO THE SOIL NO EARLIER THAN 1 DAY PRIOR TO SEEDING.

A. PREPARATION OF SOIL PRIOR TO SEEDING

- 1. REFER TO CIVIL PLANS FOR SOIL MIX
- 2. ALL FOREIGN MATERIALS LARGER THAN 1-INCH SHALL BE REMOVED FROM THE SOIL PRIOR TO SEEDING OR
- 3. AREA SHOULD BE FREE FROM UNSIGHTLY VARIATIONS, RIDGES, AND DEPRESSIONS 4. AVOID DRIVING OVER THE SPECIFIED AREA WITH MACHINERY.

- 1. ANNUAL RYE SHALL BE SPREAD AT A DENSITY OF 20 POUNDS PER ACRE DURING THE PLANTING OR SEEDING OF THE NATIVE PLANT SPECIES TO STABILIZE THE SOIL AND REDUCE THE GROWTH OF UNWANTED VEGETATION. THIS ANNUAL GRASS GROWS RAPIDLY WITHOUT COMPETING WITH THE WILDFLOWERS AND GRASSES THAT ARE PLANTED IN THE TARGET AREAS.
- 2. WINTER WHEAT OR PERENNIAL RYE SHALL NOT BE USED AS A COVER CROP. THESE GRASSES MAY OUT COMPETE PRAIRIE SEEDLINGS, LEADING TO A REDUCTION IN THE SUCCESS OF THE PLANTINGS.

C. SEED MIX: MIX ALL PRAIRIE SEED WITH VERMICULITE ACCORDING TO AGRECOL

- RECOMMENDATIONS AND INSTALLATION GUIDELINES.

 1. BROADCAST HALF THE SEED OVER THE ENTIRE SITE OR TARGET AREA.
 - 2. BROADCAST THE OTHER HALF OF SEED PERPENDICULAR TO THE DIRECTION THAT THE FIRST HALF OF THE SEED
- COVER SEED WITH ¼-INCH TO ½-INCH OF SOIL (USE ANY EXCESS SOIL FROM THE SITE) WITH RAKE OR DRAG.
 ROLL SITE TO ENSURE FIRM SEED-TO-GROUND CONTACT.
- 5, KEEP SEED CONSTANTLY WET THROUGH GERMINATION PERIOD, GENERALLY 3 WEEKS.

ALL SEEDING SHALL BE COVERED WITH 1-INCH OF CLEAN, NON-INVASIVE STRAW (NO MARSH HAY, OR REED CANARY GRASS) WITHOUT SEEDS, WITHIN SEVEN DAYS. WHEAT, RYE, OATS, OR BARLEY ARE ACCEPTABLE FORMS OF STRAW THOSE AREAS OF SLOPES STEEPER THAN 8:1 (EIGHT FEET HORIZONTAL TO ONE FOOT VERTICAL) SHALL BE PLANTED NO LATER THAN OCTOBER 1 AND STAKED WITH AN EROSION CONTROL BLANKET TO PREVENT EROSION.

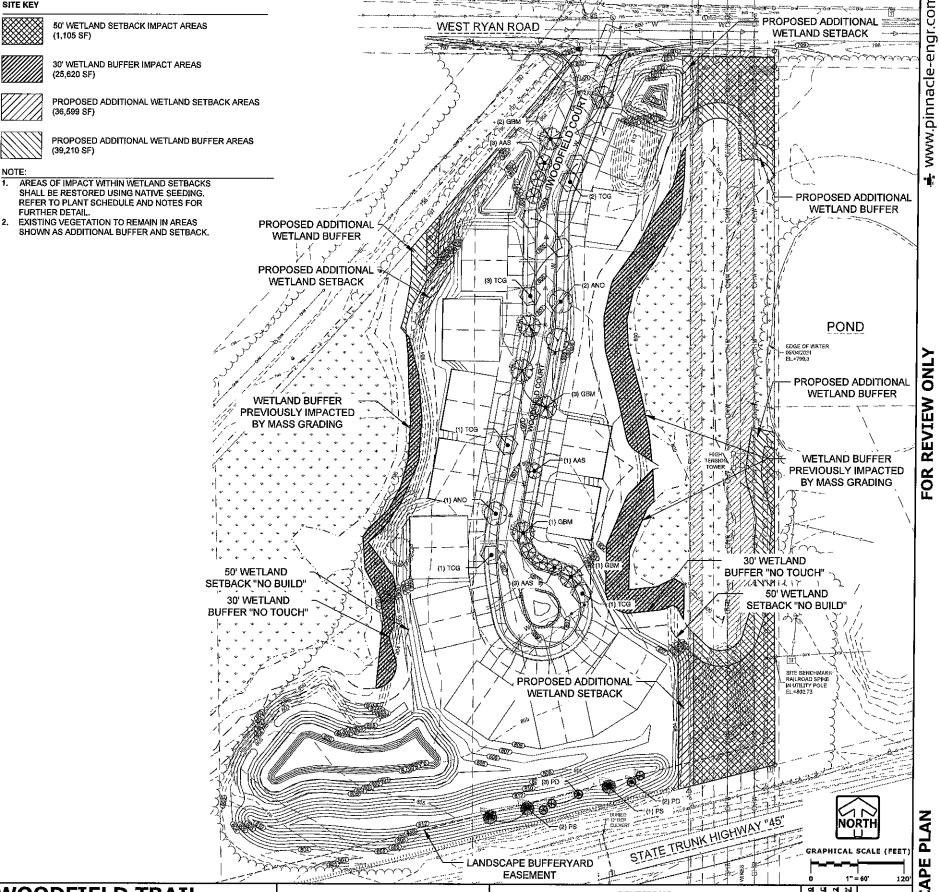
NATIVE PLANTINGS:

1st YEAR - PERFORM SPOT SPRAY WITH HERBICIDE TO SUPPRESS WEEDS. THIS SHOULD OCCUR APPROXIMATELY EVERY MONTH OF THE GROWING SEASON AFTER NATIVE PLANTINGS HAVE BEEN ROUGH GRADED.

2nd YEAR - IN MAY/JUNE MOW NATIVE PLANTINGS AT 6" HEIGHT TO SUPPRESS THE WEEDS, PERFORM SPOT SPRAY WITH HERBICIDE TO SUPPRESS WEEDS. HAVE PROFESSIONAL ASSESS PLANTINGS. REPEAT MOWING NATIVE PLANTINGS AND

3rd YEAR - IN MAY/JUNE MOW NATIVE PLANTINGS AT 8" HEIGHT TO SUPPRESS THE WEEDS, PERFORM SPOT SPRAY WITH

4th YEAR - IN MAY PERFORM A PRESCRIBED BURN. IN JUNE HAVE A QUALIFIED PROFESSIONAL. ASSESS PLANTINGS. IF A PRESCRIBED BURN CAN NOT BE UTILIZED, NATIVE PLANTINGS SHALL BE CUT TO THE GROUND AND ALL CUT MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE.



PINNACLE ENGINEERING GROUP

15850 W. BILLINGUISE CO.
1602 | 754-48688

PLAN I DESIGN I DELIVER

WOODFIELD TRAIL

SITE KEY

(25,620 SF)

FURTHER DETAIL.

WEST RYAN ROAD, FRANKLIN, WI 53132

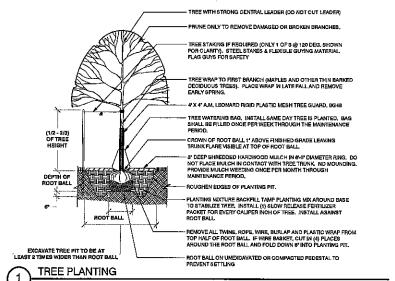
LANDSCAPE PLAN

REVISIONS SHEET ADDRESS CITY COMMENTS 5/11/22

- 2. THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY DETERMINING THE PLANT MATERIAL QUANTITIES REQUIRED BY THE LANDSCAPE PLANS. REPORT ANY DISCREPANCIES TO
- 3. NO PLANT MATERIAL OR PLANT SIZE SUBSTITUTIONS WILL BE ACCEPTED UNLESS APPROVAL BY THE LANDSCAPE ARCHITECT. ANY CHANGES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO INSTALLATION
- 4. ALL BNB STOCK SHALL BE NURSERY GROWN IN A CLAY LOAM SOIL FOR A MINIMUM OF THREE GROWING SEASONS WITHIN 200 MILES OF PROJECT LOCATION, IN A ZONE COMPATIBLE WITH USDA HARDINESS ZONE 5A. EXISTING SOIL SHALL BE AMENDED PER SOIL ANALYSIS REPORT TO ENSURE A PROPER GROWING MEDIUM IS ACHIEVED.
- 5. ALL PLANT MATERIAL SHALL COMPLY WITH STANDARDS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK Z60.1 ANSI. LANDSCAPE ARCHITECT OR OWNERS AUTHORIZED REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND POTENTIALLY REJECT ANY PLANT MATERIAL DEEMED TO NOT MEET THE REQUIRED STANDARDS.
- ALL STOCK SHALL BE FREE OF DISEASES AND HARMFUL INSECTS, DAMAGE, DISORDERS AND DEFORMITIES.
- TREES SHALL HAVE SINGLE, STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS. MUTLI-STEM TREES SHALL HAVE 3-4 STRAIGHT TRUNKS AND WELL BALANCED BRANCH SYSTEMS, HEIGHT-TO-CALIPER RATIOS SHALL BE CONSISTENT WITH THE LATEST EDITION OF ANSI Z60.1.
- 8. ROOT SYSTEMS SHALL BE LARGE ENOUGH TO ALLOW FOR FULL RECOVERY OF THE TREE, AND SHALL CONFORM TO STANDARDS AS THEY APPEAR IN THE MOST CURRENT REVISION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1.
- 9. BNB TREES SHALL BE DUG WITH A BALL OF SOIL, NOT SOFT BALLED OR POTTED AND SHALL BE FIRM IN THEIR ROOTBALL. ROOT BALL SHALL BE WRAPPED (WITH BIODEGRADABLE MATERIAL). THE TREE ROOT FLARE, OR COLLAR, SHALL BE AT OR WITHIN THE TOP THREE INCHES OF GRADE.
- ALL SPRING TREES MUST BE FRESHLY DUG IN THE MOST RECENT SPRING.
- 11. ALL AUTUMN TREES MUST BE FRESHLY DUG IN THE MOST RECENT AUTUMN
- 12. TREES SHALL BE ALIVE, HEALTHY AND APPROPRIATELY MOIST, AT TIME OF DELIVERY. TREES SHALL BE SUBJECT TO INSPECTION FOR CONFORMITY TO SPECIFICATION REQUIREMENTS AND APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE. THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY TREES THAT DO NOT MEET THE SPECIFICATIONS OR THAT HAVE BEEN DAMAGED DURING SHIPMENT. THE LANDSCAPE INSTALLER MUST RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT FOR ANY SUBSTITUTIONS OR ALTERATIONS.
- ALL PLANT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH PLANTING DETAILS.
- 14. WHILE PLANTING TREES & SHRUBS, BACKFILL 3 OF PLANTING HOLE AND WATER TREE THOROUGHLY BEFORE INSTALLING THE REMAINDER OF SOIL MIXTURE. AFTER ALL SOIL HAS BEEN PLACED INTO THE PLANTING HOLE WATER THOROUGHLY AGAIN.
- 15. THE CONTRACTOR MUST LABEL ALL TREES WITH THE COMMON AND BOTANICAL NAMES PRIOR TO FINAL INSPECTION.
- 16. ALL TREES PLANTED IN TURF AREAS SHALL RECEIVE A 3" DEEP SHREDDED HARDWOOD MULCHED RING AS SHOWN IN PLANTING DETAILS,
- 17. ALL TREE RINGS SHALL HAVE A 4" DEEP TRENCHED BED EDGE CREATED BY EITHER A FLAT LANDSCAPE SPADE OR MECHANICAL EDGER. BED EDGES ARE TO BE CUT CLEAN AND SMOOTH AS SHOWN ON LANDSCAPE PLANS WITH A CLEAN DEFINITION BETWEEN TURF AND PLANTING AREAS.
- 18. ALL FINISH GRADING AND LAWN AREAS TO BE INSTALLED BY LANDSCAPE CONTRACTOR
- 19. ALL DISTURBED AREAS WITHIN THE PROJECT SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
- 20. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER
- 21. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INCLUDING ANY IRRIGATION LINES, PRIOR TO DIGGING. CONSULT DIGGERS HOTLINE.
- 22. TREES SHALL BE INSTALLED NO CLOSER THAN
 - -10 FEET FROM ANY FIRE HYDRANT
 - 7 FEET FROM STORM SEWER, SANITARY SEWER LATERALS, AND WATER SERVICE
- 23. THE CONTRACTOR SHALL ENSURE THAT SOIL CONDITIONS AND COMPACTION ARE ADEQUATE TO ALLOW FOR PROPER DRAINAGE AROUND THE CONSTRUCTION SITE, UNDESIRABLE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER SURFACE AND SUBSURFACE DRAINAGE IN ALL AREAS
- 24. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, AND LICENSES NECESSARY FOR THE INSTALLATION OF THIS PLAN.
- 25. THE CONTRACTOR IS TO REVIEW ALL SITE ENGINEERING DOCUMENTS PRIOR TO INSTALLATION. ANY CONFLICTS MUST BE REPORTED TO THE LANDSCAPE ARCHITECT. THESE LANDSCAPE DRAWINGS ARE FOR THE INSTALLATION OF PLANT MATERIALS ONLY UNLESS OTHERWISE STATED.
- 26. THE CONTRACTOR SHALL PROVIDE WATERING AND MAINTENANCE SERVICES FOR A PERIOD OF 60 DAYS TO ENSURE VEGETATIVE ESTABLISHMENT. UPON COMPLETION OF THE PROJECT, CONTRACTOR SHALL SUPPLY THE OWNER IN WRITING WITH ONGOING WATERING AND MAINTENANCE INSTRUCTIONS.
- 27. PLANT MATERIALS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM TIME OF OWNER ACCEPTANCE. ONLY ONE REPLACEMENT PER PLANT WILL BE REQUIRED DURING THE WARRANTY PERIOD EXCEPT IN THE EVENT OF FAILURE TO COMPLY WITH THE SPECIFIED REQUIREMENTS.
- 28. THE CONTRACTOR IS RESPONSIBLE TO CONDUCT A FINAL WALK THROUGH WITH THE LANDSCAPE ARCHITECT AND OR OWNERS REPRESENTATIVE TO ANSWER QUESTIONS, PROVIDE INSTRUCTIONS, AND ENSURE THAT PROJECT REQUIREMENTS HAVE BEEN MET.

SOIL PLACEMENT NOTES

- 1. LOOSEN SUBGRADE TO A MINIMUM DEPTH INDICATED IN PLANTING NOTES USING A CULTI-MULCHER OR SIMILAR EQUIPMENT, AND REMOVE STONES MEASURING OVER 1-1/2 INCHES IN ANY DIMENSION, STICKS, RUBBISH AND OTHER EXTRANEOUS MATTER. AREAS ADJACENT TO WALKS AND PAVEMENT SHALL BE FREE OF EXCESS STONE AND PAVING MATERIALS SO AS TO PROVIDE AN UNINTERRUPTED CROSS SECTION OF SOIL.
- 2. THOROUGHLY BLEND PLANTING SOIL MIX FOR PLANTING BED AREAS. (1 PART EXISTING SOIL, 1 PART TOPSOIL, 1 PART ORGANIC SOIL AMENDMENT, 2.9 POUNDS PER CUBIC YARD OF 4-4-4 ANALYSIS SLOW-RELEASE FERTILIZER)
- TREE AND SHRUB HOLES SHALL BE FILLED WITH A PREPARED PLANTING MIXTURE OF 1 PART TOPSOIL, 2 PARTS PLANTING SOIL MIX.
- SPREAD SOIL AND SOIL AMENDMENTS TO DEPTH INDICATED ON DRAWINGS, BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT. (FINISH GRADE OF PLANTING BEDS SHALL BE 3" BELOW ALL ADJACENT SURFACES, FINISH GRADE OF TURF SEEDING AREAS SHALL BE 1" BELOW ALL ADJACENT HARD SURFACES,
- 5. PLACE APPROXIMATELY 1/2 OF TOTAL AMOUNT OF SOIL REQUIRED, WORK INTO TOP OF LOOSENED SUBGRADE TO CREATE A TRANSITION LAYER, THEN PLACE REMAINDER OF THE SOIL. SOIL TRANSITION LAYER SHALL BE TILLED TO A MINIMUM DEPTH OF 6" BELOW THE DEPTH OF NEWLY PLACED SOIL. PARKING LOT ISLANDS SHALL BE CROWNED TO A HEIGHT OF 6" TO PROVIDE PROPER DRAINAGE UNLESS OTHERWISE NOTED
- 6. DO NOT SPREAD IF PLANTING SOIL OR SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET
- 7. FINISH GRADING: GRADE SOIL TO A SMOOTH, UNIFORM SURFACE PLANE WITH A LOOSE, UNIFORMLY FINE TEXTURE
- 8. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES.
- 9. RESTORE PLANTING BEDS IF ERODED OR OTHERWISE DISTURBED AFTER FINISH GRADING AND BEFORE PLANTING



~ TREE STAKING (ONLY 1 OF 3 @ 120 DEG. SHOWN FOR CLARITY), 3° DIAMETER CEDAR WOOD STAKES & FLEXIBLE GUYING IAL FLAG GUYS FOR SAFETY. STAKES SHALL NOT TOUCH التشتي

S' DEEP SHREDDED HARDWOOD MULCH IN 6-0' DIAMETER RING, DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK, NO MOUNDING. PROVIDE MULCH WEEDING ONCE PER MONTH THROUGH

REMOVE ALL TWINE, ROPE, WIRE, BURLAP AND PLASTIC WRAP FROM TOP HALF OF ROOT BALL. (F WIRE BASKET, CUT IN (4) PLACES AROUND THE ROOT BALL AND FOLD DOWN 6" INTO 91 ANTINS PLANTINS PLANT ROOT BALL ON UNEXCAVATED OR COMPACTED PEDESTAL TO PRÉVENT SETTLING

EXCAVATE THEE PIT TO BE AT LEAST 2 TIMES WIDER THAN ROOT BA EVERGREEN TREE PLANTING

BOTTOM OF ROOT FLARE FLUSH ENT PLANT FROM REMOVE ALL TWINE, ROPE, WIRE BURLAP AND PLASTIC WRAP FROM TOP HALF OF ROOT BALL

AREROOT PLANTING NOTES:

SOAK ROOTS IN WATER FOR AT LEAST ONE HOUR BUT NOT MORE THAN 24 HOURS PRIOR TO PLANTING.

SCARRY SIDES AND BOTTOMS OF HOLE.

PROCEED WITH CORRECTIVE PRUNINGS OF THE TOP AND BOTTOM ROOTS.

TRANSFER FLANT DIRECTLY FROM WATER TO HOLE, SET PLANT SO THE ROOT FLARE IS

APPROXIMATELY AT THE FINISHED SOIL ELEVATION, SPREAD ROOTS OUT EVENLY. PLUMB AND

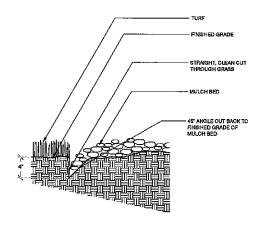
IMMEDIATELY BACKFILL WITH PLANTING SOIL, MIX.

WATER THOROUGHLY WITHIN 2 HOURS TO SETTLE PLANTS AND FILL VOIDS.

TREE PLANTING ON SLOPE

BACKFILL VOIDS AND WATER SECOND TIME. PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE,

SHRUB PLANTING



TRENCHED BED EDGE

LANDSCAPE DETAILS & GENERAL NOTES

REVISIONS 1 ADDRESS CITY COMMENTS 5/11/22

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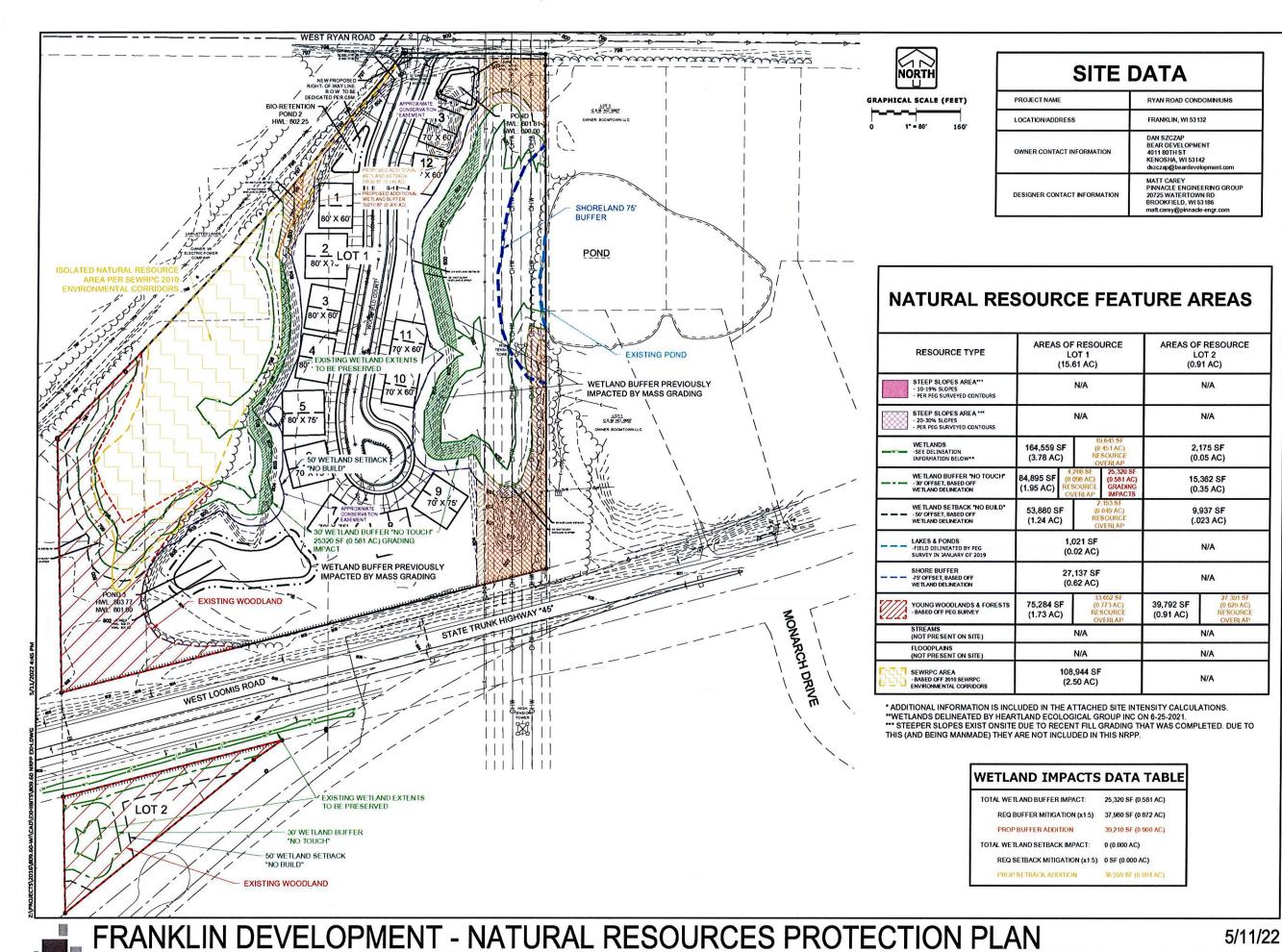
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HARDWOOD MULCH

PLANTING MIXTURE



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