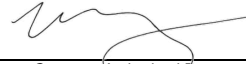





STATE TRUNK HIGHWAY CONNECTION APPLICATION

Wisconsin Department of Transportation (WisDOT)

DT1504 4/2023 Wis. Stat. ss. 86.07(2)(a), 84.09, 84.25, 84.295 & Wis. Adm. Code Ch. Trans 231

<ul style="list-style-type: none">Use this form to apply for a new connection to a state trunk highway (STH) or for altering, removing, or allowing an existing connection.If the property has any legal restrictions that prohibit access to a STH, WisDOT cannot approve a STH connection for the property.One DT1504 form is required per connection. Please type or print neatly in ink. Fill out the required information on all pages of this form per the instructions. For more information, visit: https://wisconsindot.gov/Pages/doing-bus/real-estate/permits/connections.aspxProvide a copy of the property deed, title work related to the property purchase, and any property surveys.				Tracking #: 56-100333488-2024																			
WisDOT Office Information WisDOT SWReg- Madison 2101 Wright St Madison, WI 53704																							
APPLICANT INFORMATION 1. Applicant Name and Mailing Address (Street/PO Box, City, State, ZIP Code) JCW Baraboo LLC Attn: Matt Krogman 100 Tower Dr Beaver Dam, WI 53916		2. Property Owner Name and Mailing Address (If not applicant)		3. If Not Property Owner, Reason for Request																			
CONNECTION LOCATION INFORMATION 4. Highway Number(s) BD 5. County Sauk 6. <input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town of: West Baraboo 7. Side of the Highway <input type="checkbox"/> North <input type="checkbox"/> South <input checked="" type="checkbox"/> East <input type="checkbox"/> West 8. Located within the: NWQuarter, of the NWQuarter, Section 27, Town 12 North, Range 6 East 9. Fire or Street Number (If applicable) 10. Name of Nearest Side Road from Location Old Highway 33 Distance and Direction from the Side Road 1300 feet N (Feet or Miles) (N, S, E, W, A) 11. How far is the location from the nearest non-side road connection (driveway or trail crossing) on the same highway? 480 feet (Feet or Miles) Completed by WisDOT → Latitude: 43.4927 Longitude: -89.7782		CONNECTION TYPE INFORMATION 12. Proposed Activity (Check one) <input checked="" type="checkbox"/> Construct New <input type="checkbox"/> Remove Existing <input type="checkbox"/> Allow Existing <input type="checkbox"/> Alter Existing Choose all applicable items from alter list → 13. Proposed Use (Check one – See instructions for category description) <input type="checkbox"/> Urban – Commercial/Industrial <input checked="" type="checkbox"/> Rural – Commercial/Industrial <input type="checkbox"/> Urban – Residential <input type="checkbox"/> Rural – Residential <input type="checkbox"/> Public Road <input type="checkbox"/> Rural – Agricultural <input type="checkbox"/> Trail or Trail Crossing 14. Proposed Width: 26' 15. Proposed Surface: Asphalt 16. Proposed Trips Per Day (Check one) <input type="checkbox"/> Seasonal <input type="checkbox"/> 51-100 <input type="checkbox"/> 1-25 <input type="checkbox"/> 101-1000 <input type="checkbox"/> 26-50 <input checked="" type="checkbox"/> Over 1000 → Peak hour traffic count: 140 SEE PAGE 2 for QUESTIONS 17-27. SEE PAGE 3 FOR INDEMNIFICATION. SEE PAGES 4-6 FOR CONDITIONS AND PROVISIONS.																					
		X  12/13/2023 608-695-1990 mkrogman@jcwdev.net (Property Owner or Authorized Representative) (Date) (Telephone Number) (Email address)																					
		The applicant affirms that all information provided on and submitted with this form is correct and complete. Providing incorrect or incomplete information may result in permit denial or revocation as well as criminal prosecution under Wis. Stat. s. 946.32.																					
		↓ Completed by Wisconsin Department of Transportation – REVIEW UPON PERMIT ISSUANCE ↓																					
<input type="checkbox"/> Application DISMISSED ACCESS RIGHTS (1) NOT OWNED BY APPLICANT OR (2) CONTROLLED UNDER WIS. STAT. S. 84.25 or 84.295. NO RIGHT TO APPLY EXISTS. <input type="checkbox"/> Permit DENIED MAY BE APPEALED UNDER WIS. STAT. S. 86.073. <input checked="" type="checkbox"/> WORK Permit APPROVED ONLY FOR PERFORMING WORK ON STATE TRUNK HIGHWAY RIGHT-OF-WAY UNDER WIS. STAT. S. 86.07(2)(a). THIS PERMIT IS REVOCABLE.		GENERAL CONDITIONS OF ISSUANCE #1-43 APPLY Permit Provisions Also Apply: <input checked="" type="checkbox"/> Supplemental <input type="checkbox"/> Special <input checked="" type="checkbox"/> Lane Closure System notification required <input type="checkbox"/> Insurance or performance bond required <input type="checkbox"/> Permit voids/replaces permit # <input type="checkbox"/> Transportation project plat ID # <input type="checkbox"/> Temporary access. Permit expiration date below. See #35 .																					
<input type="checkbox"/> DOCUMENTATION of Authorized Access Point APPROVED BY WisDOT UNDER PREVIOUS WIS. STAT. S. 84.25 PROJECT. THIS IS NOT A PERMIT BUT SERVES TO DOCUMENT THE TYPE, USE, TRIPS PER DAY, CONFIGURATION, DRAINAGE, ETC. FOR THE STH CONNECTION. <input type="checkbox"/> CONNECTION Permit APPROVED DOES NOT CREATE A RIGHT OF ACCESS OR ACCESS EASEMENT FOR THE PROPERTY. THIS PERMIT IS REVOCABLE.		<input type="checkbox"/> Shared Connection Co-user name(s): Related ID #(s): Misc. info: Temporary Access to parcel needs to be removed and restored prior to use of this permanent driveway. Access to be less than 35' wide at the right of way.																					
X  5-7-2024 (WisDOT Authorized Representative Signature – If Computer-filled, Brush Script Font)		<table><tr><td>Dec. 15, 2023</td><td>May 13, 2024</td><td>Sept. 1, 2024</td><td></td></tr><tr><td>Application Submitted</td><td>Approved Work Start</td><td>Approved Work Finish</td><td>Approved Work Extension</td></tr><tr><td>May 13, 2024</td><td>56-100333488-2024</td><td>May 1, 2024</td><td>Sept. 1, 2024</td></tr><tr><td>Application Completed</td><td>Identification Number</td><td>Issued</td><td>Permit Expires</td></tr><tr><td></td><td></td><td></td><td>Permit Amended</td></tr></table>		Dec. 15, 2023	May 13, 2024	Sept. 1, 2024		Application Submitted	Approved Work Start	Approved Work Finish	Approved Work Extension	May 13, 2024	56-100333488-2024	May 1, 2024	Sept. 1, 2024	Application Completed	Identification Number	Issued	Permit Expires				Permit Amended
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➡ **Note:** In questions 17-26, "the property" refers to the property for which this application is being made.

17. ☒ Yes ☐ No Is the property zoned? In either case, provide the appropriate documentation from the jurisdictional zoning authority.

18. Explain how the land is currently being used:

Vacant

19. ☒ Yes ☒ No Are you aware of any plan to change the zoning or land use for the property? If yes, explain.

new multifamily housing development

20. ☒ Yes ☐ No Is this connection for the property that was also part of a land division or assemblage created on or after 2/1/99? If yes, explain.

Property to be split into two properties

21. ☒ Yes ☐ No Do you own other property abutting the highway that is next to the property that this connection will serve? If yes, explain.

Property will be split into two separate properties with the proposed entrance shared between the two properties.

22. ☐ Yes ☒ No Does the property abut other public roads? If yes, provide all road names.

23. ☐ Yes ☒ No Are there any existing connections to any road serving the property? If yes, how many? _____

24. ☒ Yes ☐ No Are there any restrictions on the number, use, or location of connections to the property? If yes, explain.

Only one drive entrance is allowed. per deed

25A. ☒ Yes ☐ No Are there any access easements across the property, or does any other property obtain access to a state trunk highway by crossing the property?

25B. ☐ Yes ☒ No Are there any easements or arrangements that allow the property to access a public road by crossing another property? If you answered yes to 25A and/or 25B, explain. See the instructions for what information to provide.

Future site that will be split from the proposed property will use the proposed driveway.

➡ **Note:** If you answered "yes" to question (Q) 24, 25A or 25B, provide a copy of **all documents** relevant to the restrictions and/or easements.

26. Provide the property tax identification number: 191-0002-30610

27. List the **proposed** work start and finish dates for construction of the connection. Check **not applicable** if work is not needed for this permit.

Start: 08/21/23 Finish: 07/14/24 ☐ Not Applicable

Best times of the day and/or days of the week that are more convenient for WisDOT to call you if needed: _____

FOR ANY NEW OR RELOCATED CONNECTION, APPLICANT SHALL PLACE A FLAG OR MARKER IN THE HIGHWAY DITCH OR FORESLOPE (VISIBLE FROM THE HIGHWAY) AT THE PROPOSED LOCATION FOR WisDOT SITE REVIEW.

(Note: Once a permit is issued, the applicant become the permittee)

INDEMNIFICATION

The Permittee shall save and hold the State, its officers, employees, agents, and all private and governmental contractors and subcontractors with the State under Chapter 84 Wisconsin Statutes, harmless from actions of any nature whatsoever (including any by the Permittee himself/herself) which arise out of, or are connected with, or are claimed to arise out of or be connected with any of the following:

1. Any of the work done by the Permittee, or Permittee's contractors or agents (collectively "WORKERS").
2. The construction or maintenance of facilities by the Permittee or WORKERS, pursuant to this permit or any other permit issued by the State for construction of facilities within the highway.
3. As a result of action or inaction by Permittee or WORKERS resulting in damage to another that occurs:
 - a. While the Permittee or WORKERS are performing work, or
 - b. While any of the Permittee's or WORKER's property, equipment, or personnel, are in or about such place or the vicinity thereof, or
 - c. While any property constructed, placed, or operated by or on behalf of Permittee or WORKERS remains on the State's property or right-of-way pursuant to this permit or any other permit issued by the State.

This hold harmless provision applies, without limiting the generality of the foregoing, to all liability, damages, loss, expense, claims, demands and actions on account of personal injury, death or property loss to the State, its officers, employees, agents, contractors, subcontractors or frequenters, to the Permittee or WORKERS, their employees, agents, contractors, subcontractors or frequenters, or to any other persons, whether based upon, or claimed to be based upon, statutory (including, without limiting the generality of the foregoing, worker's compensation), contractual, tort, or whether or not caused or claimed to have been caused by active or inactive negligence or other breach of duty by the State, its officers, employees, agents, contractors, subcontractors or frequenters, Permittee, WORKERS, their employees, agents, contractors, subcontractors or frequenters; or any other person.

Without limiting the generality of the foregoing, the liability, damage, loss, expense, claims, demands and actions indemnified against shall include all liability, damage, loss, expense, claims, demands and actions for damage to any property, caused by Permittee or WORKERS pursuant to this permit or any other permit issued by the State for damage to property, lines or facilities on highway right-of-way resulting in any loss of power, telephone service, communications, data, information, or material; or involving property rights any other person of any kind whatsoever.

The Permittee shall at his/her own expense investigate all such claims and demands, attend to their settlement or other disposition, defend all actions based thereon and pay all charges of attorneys and all other costs and expenses of any kind arising from any such liability, damage, loss, claims, demands and actions.

All facilities constructed within the highway right-of-way by Permittee become the property of the State of Wisconsin, Department of Transportation, and may be altered or removed by the maintaining authority of the highway in accordance with state law.

Any transfer, whether voluntary or involuntary, of ownership or control of any property constructed, placed, or operated by or on behalf of the Permittee or WORKERS that remains on the State's property or right-of-way pursuant to this permit shall not release Permittee from any of the indemnification requirements of this permit.

(Note: Once a permit is issued, the applicant becomes the permittee)

GENERAL CONDITIONS OF ISSUANCE

1. All connections have restrictions that are documented in the preprinted and filled-in information on this form along with any conditions, covenants, supplemental and special provisions, superimposed notes, and detail drawings added by WisDOT. In addition to WisDOT's approval, permittee shall also comply with relevant state statutes and administrative rules, plus any laws, codes, rules, regulations, ordinances, and permit requirements of other jurisdictional agencies. Alteration of this form by the permittee **is prohibited**.
2. The permit authorizes the work for the applicant ("permittee") indicated on this permit. It does not grant authority for the work of any other, either by present or future installation.
3. Comply with this permit in its entirety. Failure to comply with any part of this permit is the permittee's responsibility, which includes full restitution of any costs WisDOT incurs to remedy non-compliance acts and may include treble damages under Wis. Stat. s. [86.02](#). Further, if permittee fails to comply with any permit term, and WisDOT seeks to compel compliance by the permittee, enforce a permit term, revoke this permit, or recover costs associated with completing work required under this permit or redoing work not up to standards or specifications, permittee shall also be responsible for paying a sum that reimburses the State for time expended by its attorneys working on the matter and all court costs.
4. The venue for any court action related to permit enforcement shall be Dane County, Wisconsin.
5. Immediately cure any violation of this permit, particularly any failure to maintain a safe work site and proper work zone traffic control. Failure to do so may result in WisDOT stopping further work, removing permittee from the highway right-of-way (ROW), revoking the permit or any combination of these actions.
6. Except in cases where the permitted connection is constructed by forces acting on behalf of WisDOT as part of a highway improvement or maintenance project, the permittee shall do all of the following:
 - (a) Furnish all materials, do all work, and pay all costs for construction and maintenance of the connection and its appurtenances in the ROW. Use the appropriate materials and type and quality of the work for the connection type specified in this permit.
 - (b) Do all work without jeopardy to, or interference with, traffic using the highway
 - (c) Be responsible for all additional work WisDOT deems necessary due to plan error, omission, or unknown or changed field conditions
 - (d) Maintain the connection and its appurtenances within ROW limits, which includes keeping them in a proper state of repair, preventing the blockage or impairment of ROW drainage, and preventing the occurrence of aboveground obstacles that may cause serious injury or death to a motorist
 - (e) Do not disturb or cause the disturbance of any survey marker without the **prior written approval** of WisDOT
7. The permittee shall not make any changes to the connection, its appurtenances, or the highway ROW, including, without limitation, changes to the location (Q4-11), use (Q13), width (Q14), surface (Q15), or increase the number of trips per day (Q16) indicated by this permit without obtaining **prior written approval** from WisDOT. WisDOT will evaluate all potential highway impacts that may arise from any proposed change(s) and therefore, does not guarantee approval.
8. WisDOT does not assume any responsibility for removal or clearance of snow, ice, or sleet, or the opening of windrows of such material upon any portion of any connection along any state trunk highway even though snow, ice, or sleet is deposited or windrowed on said connection by its authorized representative while performing normal winter maintenance operations. No snow, ice, or sleet removed from the connection shall be deposited on any highway pavement or shoulder or in a manner that creates a safety hazard or obstruction to highway drainage.
9. Rock, asphalt, concrete, timber, or other embankment retention or marking treatments for the connection **are prohibited**. A plastic or metal post with or without a blue reflector(s) may be installed on each connection side. Posts cannot be larger than 2" square. Acceptable posts are shown at right. Plastic or metal posts shall not be stronger than the equivalent of a 1½-inch diameter standard metal pipe. Using red or amber reflectors **is prohibited** under Wis. Stat. s. [346.41\(3\)](#). Using wood posts also **is prohibited**.
 
10. **WisDOT reserves the right to revoke any permit issued** and the right to make such changes, additions, repairs, relocations, and removals within statutory limits to the connection or its appurtenances on the ROW as may at any time be considered necessary to facilitate highway relocation, reconstruction, widening, and maintenance, or to provide proper protection to life and property on or adjacent to the highway, or if alternative access to the property becomes available.
11. **If the permitted work has not been started by the Approved Work Finish Date, this permit is null and void. If the work has been started but not completed by the Approved Work Finish Date, no additional work shall be done unless authorized through an approved Work Extension Date or a subsequent permit from WisDOT.** WisDOT does not guarantee approval of a time extension or subsequent permit since the conditions WisDOT based its permit approval upon may have changed between the permit issuance and time extension request dates. **Execution of any part of the work shall verify agreement by the permittee to conform to this permit and to be bound by all of its requirements, restrictions, and obligations, all of which shall continue to be in full force and effect.**
12. Any connection or related feature built within the ROW becomes part of the highway and is subject to the highway maintaining authority's jurisdiction. Permit issuance does not guarantee in the future that the connection will remain in place or be allowed to function in the same manner as when it was installed. WisDOT or any other authority with jurisdiction over the highway may alter the highway in such a manner that changes the connection's function by installing medians, lanes, or traffic control devices, or may require that the connection be closed entirely. WisDOT attempts, in exercising its police powers, to avoid unreasonably restricting property access to a highway. Abutting landowners are generally not entitled to compensation for highway changes made by the maintaining authority for police power activities.
13. The permittee agrees that any connection constructed by or for the permittee is for the purpose of obtaining access to the property listed in Q26. The connection shall not be used for parking or servicing vehicles, or for advertising, storing, or selling goods on the ROW.

WORK ZONES

14. **Before starting any permitted work**, install the required warning signs, devices, etc. and ensure all are fully functional and maintained to protect the public, workers, and work site until all work is complete. Augment the work zone with additional signs, devices, and flaggers as needed to always protect people and property from injury or damage in all conditions, including changed or changing conditions. At all times while working within the highway ROW, (a) wear high-visibility safety attire, and (b) activate flashing (or strobe) amber or white lights on all vehicles and equipment. Comply with the [Work Zone Field Manual](#) or [Wisconsin Manual of Uniform Traffic Control Devices](#), current editions, for proper layouts, designs, sizes, and quantities of warning signs and devices, including other items that may be relevant for the work zone.
15. Secure the work site and associated traffic control zone against any hazard to the public, both when the site is attended and unattended during off-hours, holidays, and nighttime hours. This includes vehicles, equipment, and materials.
16. Do not keep vehicles, equipment, or materials related to this permit within the highway ROW limits except those items that are actively being used in the work operation.
17. Perform all permitted work without obstructing or closing any part of any travel lane or fully closing any road unless authorized by WisDOT.
18. Derive no direct access to install, maintain, or repair the connection from a freeway travel lane, shoulder, or from any interchange ramp unless authorized by WisDOT in this permit. If access is needed due to an emergency, immediately contact the Wisconsin State Patrol and WisDOT Region Office listed on this permit. **The use of freeway median crossovers to make U-turns or obtain highway access is prohibited and subject to citation by law enforcement.**
19. Any disturbance to, operation within, or use of a highway median **is prohibited** unless authorized by WisDOT in this permit.
20. Coordinate the permitted work and in no case interfere with any ongoing highway improvement project.
21. Under Wis. Stat. s. [347.26\(7\)](#), flashing **green** warning lamps may be used **only** by WisDOT or county or municipal highway department vehicles when working on a highway.

(Note: Once a permit is issued, the applicant become the permittee)

CONSTRUCTION

22. **Notify the WisDOT representative listed on this permit 3 days before starting any work and call Diggers' Hotline 811 or (800) 242-8511.**
23. Determine the locations of any existing facilities in the area affected by the permitted work and protect or take actions needed to protect them from any damage. All notifications to facility owners, including but not limited to utilities, are the permittee's responsibility.
24. Always keep a complete copy of the permit (which may be electronic) at the job site when the permitted work is ongoing. If applicable, also keep a copy with a project manager or supervisor familiar with the permit and all of its details and requirements.
25. Construction methods shall meet the requirements of this permit and be performed in accordance with methods and procedures set forth in the current edition of WisDOT's [Standard Specifications for Highway and Structure Construction](#).
26. Install the connection in the specified permit location. Upon discovery of any error in placement or upon WisDOT order, move any part of the connection to the correct location. Any connection part located other than as specified in this permit exists at permittee's sole risk. Accordingly, if the same is undetected or is suffered to remain in variance to the permit, the permittee shall hold the State, its employees, agents, and officers harmless and free of any cost, claim or liability associated with any accidental damage to such facility that may result from a highway construction, maintenance, traffic control, or ROW management project or function.
27. The permittee may be required to excavate part of the ditch bottom or backslope to properly install a culvert endwall. Direct questions about this work to the WisDOT Region office that issued this permit.
28. Do not at any time open any greater length of trench than necessary to maintain essential work progress. Use temporary sheeting, shoring, or trench boxes as needed to prevent cave-ins.
29. Comply with applicable laws, rules, policies, and regulations when acting under this permit especially when within tribal or federal lands. Provide documentation as needed when on WisDOT ROW to prove compliance or coordination with the following agencies:
 - Wisconsin Historical Society to avoid or mitigate any potential cultural resource (archeological, historical, burial site, etc.) impacts per Wis. Stat. s. [44.40](#).
 - Department of Natural Resources to avoid or mitigate any potential stormwater runoff, site erosion, wetland, waterway, and endangered or threatened species impacts.
30. Comply with all applicable regulations and codes, including, but not limited to, the U.S. Department of Labor, Occupational Safety and Health Administration, [29 CFR Part 1926](#) for construction safety precautions and operations.

EROSION CONTROL

31. Implement erosion control best management practices (BMPs) prior to and during work operations pursuant to Wis. Admin. Code [Ch. NR 151](#) and any applicable municipal or county ordinances. Provide copies of any required Department of Natural Resources, municipal, or county construction permits. Provide and maintain erosion control BMPs to protect all restored areas upon completion of the permitted work and until replacement vegetation achieves sustained growth. Remove all sediment or material site runoff deposited onto WisDOT ROW and stabilize the area within 24 hours of the release. Immediately clean all sediment or materials deposited onto highway travel lanes or shoulders. Clean downstream ditches, culverts, and storm sewers to ensure positive flow prior to finalizing the work. Remove temporary erosion control BMPs following work completion.

AFTER CONSTRUCTION

32. Send electronic notice to the WisDOT representative who approved this permit **within 10 calendar days** of completing the work including all restoration. Notice may also be sent via telephone or regular mail.
33. Cure faults related to work or facilities under this permit that, in WisDOT's opinion, obstruct highway drainage or in any other manner adversely affect highway maintenance or operation, and restore the ROW as directed by WisDOT and to its satisfaction.
34. Alter the permitted connection as may be ordered by WisDOT to facilitate highway improvements, safety, operations, or maintenance. Accept all costs of constructing, maintaining, altering, temporarily moving, or relocating the permitted connection.

RESTORATION

35. **All restoration work** shall meet qualities, grades, compactions, and conditions of this permit and be performed in accordance with the methods and procedures set forth in the current edition of WisDOT's [Standard Specifications for Highway and Structure Construction](#). **For temporary permits, complete all restoration prior to the expiration date.**
36. Promptly restore to WisDOT's satisfaction and at least pre-existing conditions any highway facility, surface, shoulder, curb, gutter, sign, sidewalk, driveway, gravel base, ballast, ditch, vegetation, drainage appurtenance, guardrail, electric conduit/cable, or property of any type or other ROW element disturbed by any work under this permit.
37. Sawcut all pavement full-depth when open cutting. Restore concrete pavement in conjunction with WisDOT standard detail drawing [13C9](#). Remove and restore concrete pavement to the nearest joint for full lane width or provide a detailed joint plan for review and approval. The minimum patch dimension is 6' by the full lane or shoulder width. High early strength concrete may be specified if needed. For concrete pavement repair guidance, see [FDM 14-25-10, Exhibit 10.1](#). The minimum asphalt patch dimension is 6' by the distance to the nearest joint or seam. Only use hot mix asphalt.
38. Backfill all excavations permitted within highway pavement or shoulder areas with suitable granular material, placed in lifts or layers 12" or less each in depth, and mechanically compact to meet appropriate density. Do not use water jetting to perform mechanical compaction. Repair to WisDOT's satisfaction any subsequent heaving, settling, or other defects or faults attributable to the permitted work.
39. Adjust manhole covers, shut-off and regulator valves, and like facilities to the level of the immediately adjacent grades.
40. Restore any turfed ROW area disturbed under this permit with fine-graded topsoil having a depth of not less than 4" and reseeded to perennial grass or sodded to WisDOT's satisfaction. Water the planted seed or sod until fully established.
41. Construct smooth and finished slopes at all locations where regraded portions of the highway ROW meet the lands of adjacent property owners. Do not trespass on adjacent property owner's lands.
42. Dispose of any brush, trash, or waste materials resulting from the permitted work off the ROW in accordance with applicable solid waste disposal regulations. Dumping or littering **is prohibited**.
43. WisDOT may notify permittee that restoration must be completed by a specific time if it is not done voluntarily without delay. If the permittee fails to satisfactorily complete the restoration by the specific time, WisDOT may arrange for the restoration to be completed and bill permittee accordingly. If this occurs, the permittee shall pay for all restoration costs, which may be tripled under Wis. Stat. s. [86.02](#).

SUPPLEMENTAL PERMIT PROVISIONS (#44-67)*The permittee shall abide by the following checked provisions:***STATE HIGHWAY DETOUR**

- ☐ 44. Complete a permit application form to detour state highway traffic ([DT1479](#)). This permit shall only be in effect if WisDOT approves the matching DT1479 permit.

WORK RESTRICTIONS

- ☒ 45. Daily, holiday, or seasonal work restrictions apply to the permitted work as detailed in the special permit provisions. Review these restrictions with the WisDOT Region Office identified in this permit.

NOTIFICATIONS

- ☐ 46. Contact the WisDOT Region office identified on this permit to arrange for a WisDOT representative to inspect the work site. Perform no work under this permit prior to his/her arrival.
- ☒ 47. Contact the WisDOT Region office identified on this permit prior to completing the permitted work to arrange for an inspection by a WisDOT representative before the permittee's contractor or work crew leaves the site.
- ☐ 48. Call WisDOT's Traffic Management Center (TMC) / - on a weekly basis or as otherwise determined by the TMC before working on any freeway. The TMC may place restrictions on work times and lane/shoulder closures based upon various special events, oversize freight movements, or daily peak travel times.

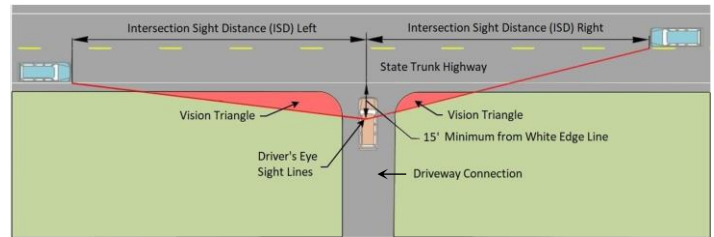
(Note: Once a permit is issued, the applicant become the permittee)

TREE & VEGETATION MANAGEMENT

- ☐ 49. Plant trees or vegetation only in the locations and with the species as detailed on the plans included and approved with this permit, or as WisDOT specifies in the field.
- ☐ 50. Replace trees or vegetation removed with the species and in the manner required in any special provisions of this permit.
- ☐ 51. Maintain all plantings according to the special permit provisions.
- ☐ 52. Do not place any sign or marker identifying the plantings within the highway ROW.
- ☐ 53. WisDOT accepts no responsibility for loss occurring to plantings. Be fully aware that plantings are subject to:
- Thinning or mortality
 - Normal hazards from maintenance operations, snow control, and public utility installation, maintenance, or alteration
 - Trimming or removal when the plantings cause sight distance restrictions or hazardous snow/ice conditions on the highway
 - Destruction when highway reconstruction is done
 - Partial or complete abandonment or obliteration, or return to private ownership, if future highway relocations are made
 - Removal by government authorities, including WisDOT, under Wis. Stat. s. [86.03\(3\)\(a\)](#)
- ☐ 54. Do not cut, trim, or damage trees or vegetation to facilitate the permitted connection's construction or maintenance except as authorized by the owner of such tree or vegetation. (Wis. Stat. s. [86.03](#)). Cleanly cut the exposed ends of all tree roots found during excavation with suitable pruning tools immediately after exposure. Comply with all applicable laws, regulations, and local ordinances (even those stricter than WisDOT specifications) governing tree sale, transport, cutting, or pruning and with [ANSI A300](#), which is the generally accepted industry standard for tree care practices.
- ☐ 55. Trim only trees or vegetation necessary to provide safe clearances or by special provisions. Do not damage non-target trees or vegetation. Do not clear-cut trees or vegetation.
- ☐ 56. Survey trees or vegetation to be removed and inspect jointly with a WisDOT representative prior to starting any highway ROW work.
- ☐ 57. Do not cut or trim oak trees between April 15 and October 15 to prevent Oak Wilt Disease from spreading unless a thick coat of asphalt base tree paint is applied immediately after **any** cut, trimming wound, or abrasion made between those dates.
- ☐ 58. Remove each stump in the area where cutting is permitted, including stumps created by windfalls or prior cutting, by cutting the stump flush with ground level or removing it with a stump grinding operation. The permittee shall be responsible for any damages to mowing equipment or any vehicle caused by any stump not being cut in accordance with this requirement.
- ☐ 59. Treat all deciduous tree stumps with an herbicide approved for use to prevent future sprouting. Do not treat evergreen tree stumps.
- ☐ 60. Dispose of all cut, trimmed, or sprayed trees, logs, branches, stumps, and other vegetation in the following manner(s). If more than one box is checked, verify if related special permit provisions have been added. Off-site means off the ROW. In all cases, avoid disturbance to any manicured lawn.
- ☐ Cut trees, logs, or trimmed branches may be chipped and used for mulch on the ROW in a layer not exceeding 3" and in a way that does not interfere with highway drainage
 - ☐ Sprayed or basally treated trees and vegetation shall be cut and hauled off-site to a proper location
 - ☐ Permittee may haul materials to a specific location off-site upon receiving the landowner's permission
 - ☐ Permittee may keep the materials after hauling them off-site
 - ☐ Other adjacent landowners may keep the materials off-site
 - ☐ Haul only the materials that have salvage value to the nearest county highway department or other designated site for public sale or distribution by WisDOT
- ☐ 61. Promptly restore all natural highway safety features, including but not limited to, living snow fence and headlamp screens.

VISION TRIANGLES

- ☒ 62. In addition to the required intersection sight distance (ISD) for the connection, maintain vision triangles to allow drivers approaching or stopped at the connection to safely perform the necessary maneuvers to navigate the connection. This means eliminating all objects that may obstruct driver views. For side road connections, maintain vision triangles in accordance with WisDOT's Facilities Development Manual Chapter [11-10-5](#), section 5.1.4.3. For driveway connections, unless otherwise specified in provision #62, maintain vision triangles as depicted in the shaded areas of the diagram below using an ISD Left of ____ and ISD Right of _____. On land within the vision triangles, (1) do not erect buildings, signs, billboards, fences, or anything exceeding 3', and (2) do not plant shrubs, trees, hedges, grasses, flowers, and other vegetation that may grow to a height exceeding 3', or continuously maintain them to not exceed a height of 3'.
- ☐ 63. Follow provision #62 except maintain vision triangles as depicted in shaded areas of the diagram below measured at ____ from the white edge line instead of the minimum 15' and using an ISD Left of ____ and ISD Right of ____.

**URBAN CONNECTIONS**

- ☐ 64. Completely remove existing curb and gutter for construction of the connection. Such removal shall be to the nearest construction joint and saw cut to a minimum length of 3' for remnant curb. Join all new concrete to existing concrete with No. 4 tie bars.
- ☐ 65. Construct the new concrete curb and gutter such that its gutter pan bottom matches the gutter pan bottom of the existing curb and gutter to allow for the drilling of tie bars into the existing concrete pavement and to allow for an asphaltic overlay if the adjacent curb has been previously overlaid with asphalt.
- ☐ 66. Saw cut the existing asphaltic pavement at a sufficient distance to allow for concrete curb and gutter removal and prevent damage of the remaining asphaltic pavement. After sufficient cure time of the new concrete curb and gutter and driveway apron, overlay the curb flange with asphaltic pavement to match existing.

CONSTRUCTION INSPECTION

- ☒ 67. Provide qualified construction engineering inspectors on-site at all times during the project. Provide the name(s) and cellular phone number(s) for the inspectors to WisDOT before any construction begins. The inspector(s) shall ensure the work is being performed in conformance with the plans and WisDOT specifications, which includes items such as work zone traffic control and erosion control. The inspector(s) shall have the authority and responsibility to stop work operations and notify WisDOT when the permit plan and WisDOT specifications are not being followed.

SPECIAL PERMIT PROVISIONS (#68-X) Pg 7*The permittee shall also abide by the following provisions:*

SUPPLEMENTAL PROVISIONS-Driveway (southern property line) CTH BD Prairie Hills, Village of West Baraboo, Sauk Co.

Pursuant to Wisconsin Statutes and once approved by WisDOT, this permit allows performance of the specific work described over which WisDOT has permit authority. ***The permittee shall abide by these general provisions, and any supplemental and/or special provisions.*** (ROW = right-of-way)

- Contact Mike Greiner (WisDOT) 608.769.5522 10 days prior to work within the Right of Way.
- **Temporary driveway** needs to be removed prior to use of the permanent (this) driveway. This includes removal of any culverts, re-ditch to blend with existing ditchline, and vegetation established.
- Follow SDD15D29 while actively working and hauling.
- Provide a schedule prior to work on ROW.
- Provide the WDNR and/or Municipal/County Construction Permit.
- Any surface flow need to drain to the Prairie Hill Village property and not onto CTH BD.
- Culverts greater than 24" dia. within the clear zone need traversable grates.
- **WORK RESTRICTIONS:** Daily, holiday and/or seasonal work restrictions apply to the permitted work as detailed:
 - From noon Friday May 24, 2024 to 6:00 AM Tuesday May 28, 2024 for Memorial Day;
 - From noon Wednesday, July 3, 2024 to 6:00 AM Monday, July 8, 2024, for Independence Day;
 - From noon Friday, August 30, 2024 to 6:00 AM Tuesday, September 3, 2024 for Labor Day;
 - From noon Wednesday, November 27, 2024 to 6:00 AM Monday, December 2, 2024 for Thanksgiving.
- **Traffic Management:**
 - Signage should follow Wisconsin Manual on Uniform Traffic Control Devices.
 - If closing a lane or shoulder, Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS). (<https://transportal.cee.wisc.edu/closures/>)
 - NO lane closures are allowed if pavement is wet/icy/snow covered.
 - Any highway open to traffic that has an aggregate surface must be repaved with HMA within 72 hours or by the end of the week whichever occurs first.
 - Flaggers, if used, must be certified.
 - Do not store equipment or materials within 10' of traffic.
 - Any drop-off greater than 2" needs to be protected by a 3:1 slope or temporary concrete barrier is required. Follow WisDOT Standard Specification 104.6.1.2.3 and other related specifications.

Wisconsin Lane Closure System Advance Notification:

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
Modifying all closure types	3 business days

- **Utilities:** Avoid or move utilities that may be in the way of the work in right of way.
- **Erosion Control:**
 - Do not store any materials within the State ROW.
 - Implement erosion control best management practices (BMPs) prior to and at all times during work operations. Provide and maintain erosion control BMPs to protect all restored areas upon completion of the permitted work until the replacement vegetation achieves sustained growth.
 - Any sediment that is deposited from the site onto WisDOT facilities needs to be removed and the area stabilized within **24 hours** of the release.
 - **Any sediment or materials tracked onto state right of way needs to be cleaned within that workday.**
 - The applicant will assure that the ditches/storm sewer (down-stream) are cleaned and positively flow, prior to finalizing the construction.
 - Temporary erosion control best management practices need to be removed and the area restored.
 - After temporary use is complete, the area will be restored to pre-construction conditions in accordance with applicable parts of [WisDOT's Standard Specifications for Highway and Structure Construction](#), current edition.
- **Final restoration work needs review prior to acceptance.**

PROPOSED MULTI-FAMILY FOR: PRAIRIE HILL VILLAGE WEST BARABOO, WISCONSIN

LEGEND

	PROPOSED SPOT ELEVATIONS (FLOW LINE OF CURB UNLESS OTHERWISE SPECIFIED)		EXISTING CONFEROUS TREE
	EXISTING GRADE SPOT ELEVATIONS		EXISTING SHRUB
	PROPOSED SPOT ELEVATIONS (REFERENCE R-WALL DETAIL)		EXISTING STUMP
	PROPOSED SPOT ELEVATIONS (BACK OF WALL)		SOIL BORING
	PROPOSED SPOT ELEVATIONS (TOP OF CURB, FLOWLINE OF CURB)		EXISTING WELL
	PROPOSED SPOT ELEVATIONS (TOP OF WALK, BOTTOM OF WALK OR FLOWLINE)		PROPOSED WELL
	EXISTING WATER VALVE IN BOX		PROPOSED LIGHT POLE
	PROPOSED WATER VALVE IN BOX		PROPOSED SIGN
	EXISTING WATER VALVE IN MANHOLE		CENTER LINE
	EXISTING WATER SERVICE VALVE		PROPOSED HANDICAP PARKING STALL
	EXISTING TELEPHONE MANHOLE		EXISTING GAS VALVE
	EXISTING STORM CATCH BASIN		EXISTING WOODED AREA
	PROPOSED STORM CATCH BASIN - ST CB		EXISTING HEDGE
	PROPOSED STORM FIELD INLET - ST FI		EXISTING CHAINLINK FENCE
	EXISTING SQUARE CATCH BASIN		EXISTING WOOD FENCE
	EXISTING STORM CURB INLET		EXISTING BARRED WIRE FENCE
	EXISTING UTILITY POLE		PROPOSED PROPERTY LINE
	EXISTING UTILITY POLE WITH GUY WIRE		EXISTING GUARD RAIL
	EXISTING STREET LIGHT		EXISTING STORM SEWER AND MANHOLE
	EXISTING TELEPHONE PEDESTAL		PROPOSED STORM SEWER AND MANHOLE - ST MH
	EXISTING ELECTRIC PEDESTAL		EXISTING SANITARY SEWER AND MANHOLE
	EXISTING ELECTRIC BOX		PROPOSED SANITARY SEWER AND MANHOLE - SAN MH
	EXISTING CABLE TV PEDESTAL		EXISTING WATER LINE AND HYDRANT
	PROPOSED DRAINAGE FLOW		PROPOSED WATER LINE AND HYDRANT
	1-1/4" REBAR SET		EXISTING OVERHEAD UTILITY LINE
	WEIGHING 4.30 LB./FT.		EXISTING UNDERGROUND GROUND LINE
	3/4" REBAR SET		EXISTING UNDERGROUND ELECTRIC CABLE
	WEIGHING 1.50 LB./FT.		EXISTING UNDERGROUND TELEPHONE CABLE
	1-1/4" REBAR FOUND		EXISTING UNDERGROUND GAS LINE
	3/4" REBAR FOUND		PROPOSED CURB AND GUTTER
	2" IRON PIPE FOUND		EXISTING CURB AND GUTTER
	1" IRON PIPE FOUND		GRADING/SEEDING LINES
	RIGHT-OF-WAY LINE		INTERIOR PROPERTY LINE
	EXISTING FLOOR LIGHT		RAILROAD TRACKS
	SECTION CORNER		EXISTING ROAD CONTOUR
	PROPOSED APRON END SECTION		PROPOSED GROUND CONTOUR
	EXISTING MARSH AREA		
	EXISTING DECIDUOUS TREE WITH TRUNK DIAMETER		
	EROSION MATTING		
	PROPOSED INLET PROTECTION		

DIVISION 31 EARTH WORK

31 10 00 SITE CLEARING (DEMOLITION)

- A. CONTRACTOR SHALL CALL DIGGER'S HOT LINE AND CONDUCT A PRIVATE UTILITY LOCATE AS REQUIRED TO ENSURE THAT ALL UTILITIES HAVE BEEN LOCATED BEFORE STARTING SITE DEMOLITION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- B. CONTRACTOR TO FIELD TELETYPE ALL EXISTING SANITARY AND STORM LATERALS THAT ARE SCHEDULED TO BE RE-USED AND/OR CONNECTED TO SITE AT TIME OF DEMOLITION. THE TELETYPE SHALL BE COMPLETED TO ENSURE THE EXISTING LATERALS ARE FREE OF OBSTRUCTIONS AND IN SOUND STRUCTURAL CONDITION. TELETYPE OF THESE LATERALS SHOULD BE COMPLETED AT BEGINNING OF CONSTRUCTION AND DESIGN ENGINEER SHALL BE NOTIFIED OF ANY PIPE OBSTRUCTIONS AND/OR STRUCTURAL DEFICIENCIES IMMEDIATELY AFTER COMPLETION OF FIELD TELETYPE.
- C. DEMOLITION PLAN IS THE OVERVIEW OF DEMOLITION TO TAKE PLACE ON SITE. CONTRACTOR TO FIELD VERY EYEBALL SITE CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL REMOVE, REPLACE, OR DEMOLISH ALL ITEMS AS NEEDED DURING CONSTRUCTION.
- D. CONTRACTOR TO PROTECT EXISTING IMPROVEMENTS THAT ARE SCHEDULED TO REMAIN, ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPLACED AT CONTRACTORS EXPENSE.
- E. ALL CONCRETE NOTED TO BE REMOVED SHALL BE REMOVED TO THE NEAREST CONTROL JOINT.

31 20 00 EARTH MOVING

- A. CONTRACTOR SHALL CALL DIGGER'S HOT LINE AND CONDUCT A PRIVATE UTILITY LOCATE AS REQUIRED TO ENSURE THAT ALL UTILITIES HAVE BEEN LOCATED BEFORE STARTING EXCAVATION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- B. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT FOR ALL EXCAVATION, GRADING, FILL, AND BACKFILL WORK AS REQUIRED TO COMPLETE THE GENERAL CONSTRUCTION WORK. ALL EXCAVATION AND BACKFILL FOR ELECTRICALS AND MECHANICALS ARE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS.
- C. ALL ORGANIC TOPSOIL, INSIDE THE BUILDING AREA, UNDER PAVED AREAS, AND AT SITE FILL AREAS SHALL BE REMOVED. PROOF ROLL SURFACES BEFORE PLACING FILL WITH HEAVY PNEUMATIC-TIRED EQUIPMENT. SUCH AS A ROLLER, TANDUM AXLE TRUCK, TO IDENTIFY SOFT SPOTS AND AREAS OF EXCESS YIELDING. CONTRACTOR SHALL VERY TOPSOIL DEPTHS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REVIEW AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND ACCOUNT FOR EXISTING CONDITIONS PRIOR TO SUBMITTING BID FOR THE PROJECT. EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED IN THE PLANS OR BY LOCAL ZONING REQUIREMENTS.
- D. PLACE AND COMPACT FILL MATERIAL IN LAYERS TO THE ELEVATION UNLESS OTHERWISE NOTED OR ATEARTE SUBGRADE AND EACH SUBSEQUENT FILL OR BACKFILL LAYER BEFORE COMPACTION AS RECOMMENDED TO ACHIEVE SPECIFIED DRY DENSITY. ROLLING SHALL BE PERFORMED IN THE FOLLOWING MANNER: 1. SATISFACTORY SOIL MATERIAL THAT IS TOO WET TO COMPACT TO SPECIFIED DRY DENSITY. 2. PLACE BACKFILL AND FILL MATERIAL IN LAYERS NOT MORE THAN 6" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
- E. COMPACT THE SOIL TO THE FOLLOWING PERCENTAGES OF MAXIMUM DRY DENSITY. ACCORDING TO ASTM D 698, STANDARD PROCTOR TEST. FILL MAY NOT BE PLACED ON FROZEN GROUND AND NO FROZEN MATERIALS MAY BE USED FOR BACK FILL. APPLY THE MORE STRINGENT REQUIREMENTS WHEN COMPARING BETWEEN THE FOLLOWING TABLES. THE AREAS) SERVED HAVE ESTABLISHED VEGETATIVE COVER.
- F. ONCE THE CONSTRUCTION SITE HAS BEEN FULLY STABILIZED AND TEMPORARY EROSION CONTROL BEST MANAGEMENT PRACTICES HAVE BEEN REMOVED, THE CONTRACTOR SHALL FILE A CONSTRUCTION NOTICE OF TERMINATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES IN ACCORDANCE WITH NR 216.55.
- G. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL GIVE THE OWNER COPIES OF THE EROSION CONTROL AND STORM WATER MANAGEMENT PLANS, AGREEMENTS TO PLANS, SUPPORTING DATA, AND CONSTRUCTION SITE EROSION CONTROL INSPECTION REPORTS. THE OWNER SHALL RETAIN THESE FOR A PERIOD OF 5 YEARS FROM THE DATE OF TERMINATING COVER UNDER WRITES GENERAL PERMIT. THE CONTRACTOR SHALL MAINTAIN THE EROSION CONTROL AND STORM WATER MANAGEMENT PRACTICES SHALL BE CONSTRUCTED BEFORE THE SITE HAS UNDERGONE FINAL STABILIZATION.
- H. UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS MORE THAN 3 FEET BELOW THE SLAB, PLACE A DRAINAGE COURSE LAYER OF 3/4" CRUSHED STONE, WITH 75% 12% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT THE SURFACE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
- I. UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS WITHIN 3 FEET OF THE SLAB SURFACE, PLACE A DRAINAGE COURSE LAYER OF CLEAN 3/4" CRUSHED STONE, WITH NO MORE THAN 3% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT THE SURFACE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
- J. UNDER EXTERIOR EXISTING AND ASPHALT PAVEMENTS - COMPACT THE SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 95 PERCENT.
- K. UNDER WALKWAYS - COMPACT SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 95 PERCENT.
- L. UNDER LAWN OR UNPAVED AREAS - COMPACT SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 95 PERCENT.
- M. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- N. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- O. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- P. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- Q. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- R. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- S. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- T. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- U. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- V. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- W. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- X. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- Y. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- Z. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.

31 30 00 EROSION CONTROL/STORMWATER MANAGEMENT

- A. THE DESIGN ENGINEER SHALL PREPARE A SITE SPECIFIC EROSION CONTROL AND A STORMWATER MANAGEMENT PLAN PURSUANT TO NR 216.46 AND NR 216.47. THE DESIGN ENGINEER SHALL ALSO FILE A CONSTRUCTION NOTICE OF INTENT WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES PURSUANT TO NR 216.41 OR TO AN AUTHORIZED LOCAL PROGRAM PURSUANT TO NR 216.415 TO OBTAIN COVERAGE UNDER THE GENERAL WRITES STORM WATER PERMIT.
- B. THE CONTRACTOR SHALL KEEP THE NOTICE OF INTENT PERMIT, APPROVED EROSION CONTROL AND STORMWATER MANAGEMENT PLANS, AND PLAN AMENDMENTS ON THE CONSTRUCTION SITE AT ALL TIMES PURSUANT TO NR 216.455 UNTIL PERMIT COVERAGE IS TERMINATED.
- C. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL EROSION CONTROL PERMITS.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE MONITORING, MAINTENANCE, AND REPORTING REQUIREMENTS OF NR 216.48. INSPECTIONS OF IMPLEMENTED EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MUST AT A MINIMUM BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT OF 0.1" OR MORE. A PRECIPITATION EVENT MAY BE CONSIDERED TO BE THE TOTAL AMOUNT OF PRECIPITATION RECORDED IN ANY CONTINUOUS 24-HOUR PERIOD. THE CONTRACTOR SHALL REPAIR OR REPLACE EROSION AND SEDIMENT CONTROL AS NECESSARY WITHIN 24 HOURS OF AN INSPECTION OR AFTER A DEPARTMENT NOTIFICATION WHERE REPAIR OR REPLACEMENT IS REQUESTED.
- E. THE CONTRACTOR SHALL MAINTAIN AT THE CONSTRUCTION SITE OR AVAILABLE VIA AN INTERNET WEBSITE, WEEKLY WRITTEN REPORTS OF ALL INSPECTIONS. THE WISCONSIN DNR CONSTRUCTION SITE INSPECTION REPORT FORM 3400-187 SHALL BE USED. WEEKLY INSPECTION REPORTS SHALL INCLUDE ALL OF THE FOLLOWING:
- F. THE DATE, TIME, AND INDICATION OF THE CONSTRUCTION SITE INSPECTION.
- G. THE NAME OF THE INDIVIDUAL WHO PERFORMED THE INSPECTION.
- H. AN ASSESSMENT OF THE CONDITION OF THE EROSION AND SEDIMENT CONTROLS.
- I. A DESCRIPTION OF ANY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE IMPLEMENTATION AND REPAIRS.
- J. A DESCRIPTION OF THE PRESENT PHASE OF LAND DISTURBING CONSTRUCTION ACTIVITY AT THE CONSTRUCTION SITE.
- K. EROSION AND SEDIMENT CONTROL, IMPLEMENTED DURING CONSTRUCTION SHALL STRICTLY COMPLY WITH THE GUIDELINES AND REQUIREMENTS SET FORTH IN WISCONSIN ADMINISTRATIVE CODE WAC NR 151. THE STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES RUNOFF MANAGEMENT PERFORMANCE STANDARDS. TECHNICAL STANDARDS PUBLISHED BY THE WISCONSIN DNR SHALL ALSO BE UTILIZED TO IMPLEMENT THE REQUIRED PERFORMANCE STANDARDS. THE METHODS AND TYPES OF EROSION CONTROL WILL BE DEPENDENT ON THE LOCATION AND TYPE OF WORK INVOLVED. ALL SEDIMENT CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION, AND INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL. BELOW IS A LIST OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES TO ACHIEVE THE PERFORMANCE STANDARDS REQUIRED.
- L. Silt fence shall be placed on site at locations shown on the EROSION CONTROL PLAN. Silt fence shall also be provided around the PERIMETER OF ALL SOIL STOCKPILES THAT WILL EXIST FOR MORE THAN 7 DAYS. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1056 (CURRENT EDITION).
- M. DITCH CHECKS SHALL BE PROVIDED TO RECORD THE VELOCITY OF WATER FLOWING IN DITCH BOTTOMS. PLACE AT LOCATIONS SHOWN ON THE EROSION CONTROL PLAN. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1060 (CURRENT EDITION).

PLAN SPECIFICATIONS (BASED ON CSI FORMAT)

1. STONE TRACKING PADS AND TRACKOUT CONTROL PRACTICES SHALL BE PLACED AT LEAST LEAVING THE CONSTRUCTION SITE. SEE THE EROSION CONTROL PLAN FOR LOCATIONS. THE AGGREGATE USED FOR THE STONE TRACKING PAD SHALL BE 3/8" TO 1" INCH CLEAR OR WASHED STONE AND SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. THE STONE SHALL BE UNDERLAIN BY A WIDEST TYPE A GEOTEXTILE FABRIC, AS NEEDED. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT (1/2" MIN WIDTH) AND SHALL BE A MINIMUM OF 50 FEET LONG. SURFACE WATER MUST BE PREVENTED FROM ENTERING THE TRACKING PAD. OTHER TRACKOUT CONTROL PRACTICES INCLUDING STABILIZED WORK SURFACES, MANUFACTURED TRACKOUT CONTROL DEVICES, THE WASHING, AND STREET TPAVEMENT CLEANING SHALL BE IMPLEMENTED AS NECESSARY TO MITIGATE THE TRACKOUT OF SEDIMENT OFFSITE. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1057 (CURRENT EDITION).
2. STORMWATER INLET PROTECTION SHALL BE PROVIDED FOR ALL NEW AND DOWNSTREAM STORM CATCH BASINS AND CURB LINES. TYPE B OR C PROTECTION SHOULD BE PROVIDED AND SHALL BE IN CONFORMANCE WITH WISCONSIN DNR TECHNICAL STANDARD 1060 (CURRENT EDITION).
3. DUST CONTROL MEASURES SHALL BE PROVIDED TO REDUCE OR PREVENT THE SURFACE AND AIR TRANSPORT OF DUST DURING CONSTRUCTION. CONTROL MEASURES INCLUDE APPLYING MULK AND ESTABLISHING VEGETATION. WATER SPRAYING, SURFACE BORING, APPLYING POLYMERS, SPRAY ON TACKIFIERS, CHLORIDES, AND BARRIERS. SOME SITES MAY REQUIRE AN APPROACH THAT UTILIZES A COMBINATION OF MEASURES FOR DUST CONTROL. FOLLOW PROCEDURES FOUND IN WISCONSIN DNR TECHNICAL STANDARD 1068 (CURRENT EDITION).
4. THE USE, STORAGE, AND DISPOSAL OF CHEMICALS, CEMENT, AND OTHER COMPOUNDS AND MATERIALS USED ON SITE SHALL BE MANAGED DURING THE CONSTRUCTION PERIOD TO PREVENT THEIR TRANSPORT BY RUNOFF INTO WATERS OF THE STATE.
5. CONTRACTOR SHALL PROVIDE AN OPEN AGGREGATE TRUCK WASHOUT AREA ON SITE. CONTRACTOR TO ENSURE THAT CATCHWASH OUT AREA SHALL BE CONTAINED TO THIS DESIGNATED AREA AND NOT BE ALLOWED TO RUN INTO STORM INLETS OR INTO THE OVERLAND STORMWATER DRAINAGE SYSTEM. WASHOUT AREA SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION.
6. TEMPORARY SITE RESTORATION SHALL TAKE PLACE IN DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 DAYS AND REQUIRES VEGETATIVE COVER FOR LESS THAN ONE YEAR. THIS TEMPORARY SITE RESTORATION REQUIREMENTS ALSO APPLIES TO SOIL STOCKPILES THAT EXIST FOR MORE THAN 7 DAYS. PERMANENT RESTORATION APPLIES TO AREAS WHERE PERMANENT VEGETATIVE COVER IS NEEDED TO PERMANENTLY STABILIZE AREAS OF EXPOSED SOIL. PERMANENT STABILIZATION SHALL OCCUR WITHIN 1 WORKING DAY OF FIELD GRADING. TOPSOIL SHALL BE FREE OF CRACKS, DIRT OR DEEP RUST WHEN PLACED IN THE WORK. ALL WELODED WIRE FABRIC SHALL MEET THE REQUIREMENTS OF ASTM 1185. WELODED WIRE FABRIC SHALL BE PLACED 2" FROM TOP OF SUB, UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO SAMPLE MATERIALS, PERFORM TESTS, AND SUBMIT TEST REPORTS DURING CONCRETE PLACEMENT. TESTS WILL BE TO ACHIEVE SPECIFIED DRY DENSITY. ROLLING SHALL BE PERFORMED IN THE FOLLOWING MANNER: 1. SATISFACTORY SOIL MATERIAL THAT IS TOO WET TO COMPACT TO SPECIFIED DRY DENSITY. 2. PLACE BACKFILL AND FILL MATERIAL IN LAYERS NOT MORE THAN 6" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
7. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH WORKING DAY. DUST CONTROL REQUIREMENTS SHALL BE FOLLOWED PER WISCONSIN DNR TECHNICAL STANDARD 1068 (CURRENT EDITION). FLOODING SHALL NOT BE ALLOWED.
8. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE AREAS) SERVED HAVE ESTABLISHED VEGETATIVE COVER.
9. ONCE THE CONSTRUCTION SITE HAS BEEN FULLY STABILIZED AND TEMPORARY EROSION CONTROL BEST MANAGEMENT PRACTICES HAVE BEEN REMOVED, THE CONTRACTOR SHALL FILE A CONSTRUCTION NOTICE OF TERMINATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES IN ACCORDANCE WITH NR 216.55.
10. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL GIVE THE OWNER COPIES OF THE EROSION CONTROL AND STORM WATER MANAGEMENT PLANS, AGREEMENTS TO PLANS, SUPPORTING DATA, AND CONSTRUCTION SITE EROSION CONTROL INSPECTION REPORTS. THE OWNER SHALL RETAIN THESE FOR A PERIOD OF 5 YEARS FROM THE DATE OF TERMINATING COVER UNDER WRITES GENERAL PERMIT. THE CONTRACTOR SHALL MAINTAIN THE EROSION CONTROL AND STORM WATER MANAGEMENT PRACTICES SHALL BE CONSTRUCTED BEFORE THE SITE HAS UNDERGONE FINAL STABILIZATION.

DIVISION 32 EXTERIOR IMPROVEMENTS

32 10 00 GRAVEL AREAS

- A. CONTRACTOR TO PROVIDE COMPACTED GRAVEL WHERE INDICATED ON THE PLANS. ALL AGGREGATE SHALL BE QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS. CONTRACTOR SHALL PROVIDE DOCUMENTATION OF PASSING DESIGN TESTS AND AS PROOF ROLLING TO ENHANCE THE GRAVEL AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROLLING TO PERFORM THE SUBSURFACE SOIL INVESTIGATION BE ENGAGED FOR THE FIELD QUALITY CONTROL TESTS. THE GEOTECHNICAL REPORT WAS PERFORMED BY GILES ENGINEERING ASSOCIATES.
- B. ALLOW THE TESTING AGENCY TO TEST THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- C. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- D. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- E. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- F. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- G. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- H. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- I. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- J. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- K. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- L. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- M. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- N. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- O. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- P. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- Q. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- R. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- S. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- T. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- U. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- V. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- W. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- X. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
- Y. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10" OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.
- Z. WHEN THE TESTING AGENCY HAS TESTED THE SUBGRADE, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR ATEARTE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.

4" OR 3/4" CRUSHED AGGREGATE

- A. CONTRACTOR TO COMPACT THE AGGREGATE TO AN AVERAGE DENSITY PER WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. ALL GRAVEL AREAS SHALL BE GRADED TO WITHIN 0.10" OF DESIGN SURFACE GRADES WITH POSITIVE DRAINAGE BEING MAINTAINED IN ACCORDANCE WITH DESIGN PLANS. A MINIMUM OF 1% SLOPE SHALL BE MAINTAINED IN ALL GRAVEL AREAS.

32 10 00 AGGREGATE BASE & ASPHALT PAVEMENT

- A. CONTRACTOR TO PROVIDE COMPACTED AGGREGATE BASE AND HOT MIX ASPHALT PAVEMENT WHERE INDICATED ON THE PLANS. ALL AGGREGATE PROVIDED MUST COMPLY WITH SECTION 305 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. PROVIDE HOT MIX ASPHALT MIXTURES PER SECTION 460 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. CONTRACTOR SHALL OBTAIN AND REVIEW SOILS REPORT FOR RECOMMENDATIONS FOR GEO-GRID / GEOTEXTILE BELOW CRUSHED AGGREGATE OR APPLICABLE TO PROVIDE AGGREGATE BASE AND HOT MIX ASPHALT PAVEMENT TYPES AND DEPTHS AS NOTED BELOW:
- B. STANDARD ASPHALT PAVING SECTION: 1-1/2" SURFACE COURSE (5.17 LB.-285) 2-1/2" SURFACE COURSE (5.17 LB.-285) (WESDOT 455.2-3 TACK COAT (STAGED PAVING) 1/2" BINDER COURSE (4.17 LB.-285) 1/2" 1-1/4" CRUSHED AGGREGATE
- C. LIGHT DUTY ASPHALT 1-1/2" SURFACE COURSE (5.17 LB.-285) 2-1/2" SURFACE COURSE (5.17 LB.-285) (WESDOT 455.2-3 TACK COAT (STAGED PAVING) 1/2" BINDER COURSE (4.17 LB.-285) 1/2" 1-1/4" CRUSHED AGGREGATE
- D. CONTRACTOR TO COMPACT THE AGGREGATE BASE, ASPHALT BINDER COURSE, AND ASPHALT SURFACE COURSE TO AN AVERAGE DENSITY PER WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. ALL ASPHALT PAVEMENT AREAS SHALL BE PAVED TO WITHIN 0.05" OF DESIGN SURFACE GRADES WITH POSITIVE DRAINAGE BEING MAINTAINED IN ACCORDANCE WITH DESIGN PLANS. A MINIMUM OF 1% SLOPE SHALL BE MAINTAINED IN ALL ASPHALT PAVEMENT AREAS.
- E. HOT MIX ASPHALT CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT OR CONSTRUCTION DOCUMENTS.
- F. CONTRACTOR TO PROVIDE 4" WIDE YELLOW OR WHITE PAINTED STRIPING FOR PARKING STALLS, PARKING LINES, AND PARKING AREAS. YELLOW OR WHITE PAINT MARKINGS SHALL ALSO BE PROVIDED FOR H.C. ACCESSIBLE SYMBOLS, TRAFFIC ARROWS, AND TRAFFIC MESSAGE.

1. SIDEWALK CONCRETE - 4" OF CONCRETE OVER 4" OF 3/4" CRUSHED AGGREGATE BASE. CONSTRUCTION JOINTS SHALL CONSIST OF 1/2" WIDE BY 1" DEEP T-COLORED JOINT WHERE INDICATED ON THE PLANS.
2. DUMPTER PAD/PAROBION CONCRETE - 4" OF CONCRETE OVER 4" OF AGGREGATE BASE.
3. CONCRETE SHALL BE STEEL REINFORCED WITH THE FOLLOWING AND PLACED IN THE UPPER 1/3" TO 1/2" OF THE SLAB:
- 1) THE BARS AT ALL CONTRACTION JOINTS OF THE CONCRETE. TIE BARS SHALL BE #4 REBAR 30" LONG PLACED AT 30" O.C.
- 2) DUMPTER PAD CONTRACTION JOINTS SHALL BE AS FOLLOWS:
- 1) CONTRACTION SAWCUT JOINT - CONTRACTOR SHALL PROVIDE A SAWCUT JOINT AT MAXIMUM SPACING OF 15' ON CENTER. SAWCUT SHALL BE 2" IN DEPTH.
- 2) TYPICAL POUR CONTRACTION JOINT - POUR CONTRACTION JOINT SHALL BE PROVIDED WITH 1-1/4" DIAMETER BY 20" LONG SMOOTH DOWEL PLACED AT 12" O.C. ONE HALF OF THE DOWEL SHALL BE GREADED. GREENSTRETCH 3" DEEP DOWEL TUBES SHALL BE USED.

32 20 00 CONCRETE AND AGGREGATE BASE

- A. CONTRACTOR TO PROVIDE CRUSHED AGGREGATE BASE AND CONCRETE WHERE INDICATED ON THE PLANS.
- B. ALL AGGREGATE PROVIDED MUST COMPLY WITH SECTION 305 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. ALL AGGREGATE PLACED MUST BE COMPACTED TO AN AVERAGE DENSITY PER WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- C. DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE EXTERIOR CONCRETE FILL WORK SHALL CONFORM TO A63.38R-08 & ACI 318-08.
- D. EXTERIOR CONCRETE FILL WORK CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF THE GEOTECHNICAL REPORT OR THIS SPECIFICATION. CONCRETE FILL WORK CONSTRUCTION IS AS FOLLOWS:
1. SIDEWALK CONCRETE - 4" OF CONCRETE OVER 4" OF 3/4" CRUSHED AGGREGATE BASE. CONSTRUCTION JOINTS SHALL CONSIST OF 1/2" WIDE BY 1" DEEP T-COLORED JOINT WHERE INDICATED ON THE PLANS.
2. DUMPTER PAD/PAROBION CONCRETE - 4" OF CONCRETE OVER 4" OF AGGREGATE BASE.
3. CONCRETE SHALL BE STEEL REINFORCED WITH THE FOLLOWING AND PLACED IN THE UPPER 1/3" TO 1/2" OF THE SLAB:
- 1) THE BARS AT ALL CONTRACTION JOINTS OF THE CONCRETE. TIE BARS SHALL BE #4 REBAR 30" LONG PLACED AT 30" O.C.
- 2) DUMPTER PAD CONTRACTION JOINTS SHALL BE AS FOLLOWS:
- 1) CONTRACTION SAWCUT JOINT - CONTRACTOR SHALL PROVIDE A SAWCUT JOINT AT MAXIMUM SPACING OF 15' ON CENTER. SAWCUT SHALL BE 2" IN DEPTH.
- 2) TYPICAL POUR CONTRACTION JOINT - POUR CONTRACTION JOINT SHALL BE PROVIDED WITH 1-1/4" DIAMETER BY 20" LONG SMOOTH DOWEL PLACED AT 12" O.C. ONE HALF OF THE DOWEL SHALL BE GREADED. GREENSTRETCH 3" DEEP DOWEL TUBES SHALL BE USED.

- E. DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C64
1. STRENGTH TO BE MINIMUM OF 4,500 PSI AT 28 DAYS FOR EXTERIOR CONCRETE.
2. MAXIMUM WATER/CEMENT RATIO SHALL BE 0.45.
3. SLUMP SHALL NOT EXCEED 4" FOR EXTERIOR CONCRETE FILL WORK.
4. SLUMP SHALL BE 2.5" OR LESS FOR SIP-FORMED CURB AND GUTTER.
5. SLUMP SHALL BE 2.5" OR LESS FOR NON-SIP-FORMED CURB AND GUTTER.
6. ALL EXTERIOR CONCRETE SHALL BE AIR ENTRAINED WITH 6% TO 7% AIR CONTENT.
7. NO OTHER ADJUSTMENTS SHALL BE USED WITHOUT APPROVAL OF EXCEL ENGINEERING, INC. CALCIUM CHLORIDE SHALL NOT BE USED.
8. MAXIMUM AGGREGATE SIZE FOR ALL EXTERIOR CONCRETE SHALL BE 0.75 INCHES.
9. VERIFY EQUIPMENT CONCRETE PAD SIZES WITH CONTRACTOR REQUIREMENT. PADS SHALL HAVE FIBERBUSH 300 FIBERS AT A RATE OF 1.5 LB./CU. YD. OR 6 X 6 X 1/4" X 1/4" WELDED WIRE MESH WITH MINIMUM 1 INCH COVER. EQUIPMENT PADS SHALL BE 5.5 INCHES THICK WITH 1 INCH CHAMFER UNLESS SPECIFIED OTHERWISE. COORDINATE ADDITIONAL PAD REQUIREMENTS WITH RESPECTIVE CONTRACTOR.
10. ALL CONCRETE FILL WORK SURFACES AND CONCRETE CURB FLOWLINES SHALL BE CONSTRUCTED TO WITHIN 0.05" OF DESIGN SURFACE AND FLOWLINE GRADES ASSUMING POS

SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

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PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE AUG. 7, 2023

REVISIONS

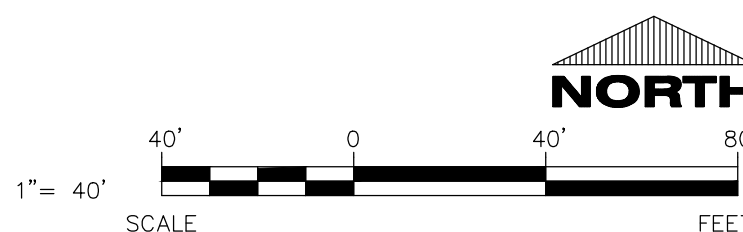
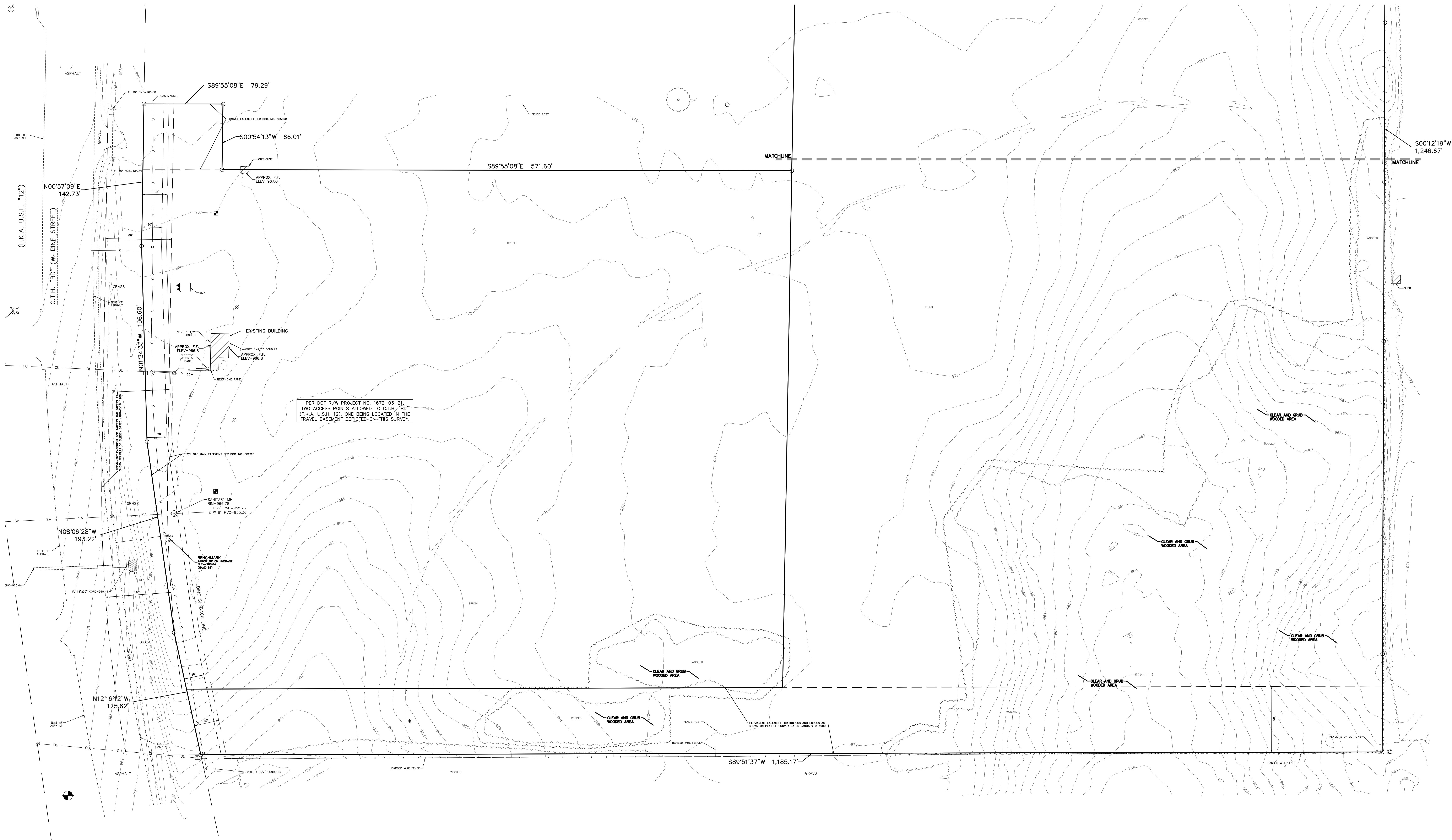
JOB NUMBER

2285740

SHEET NUMBER

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CIVIL EXISTING SITE AND DEMOLITION PLAN - SOUTH

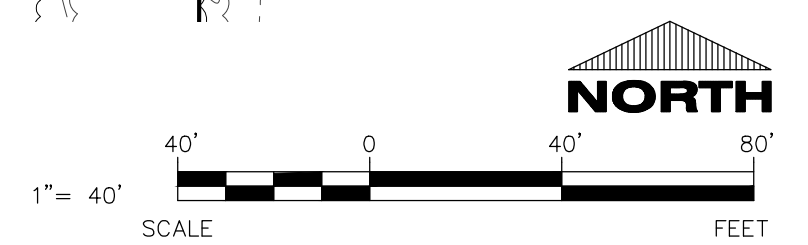


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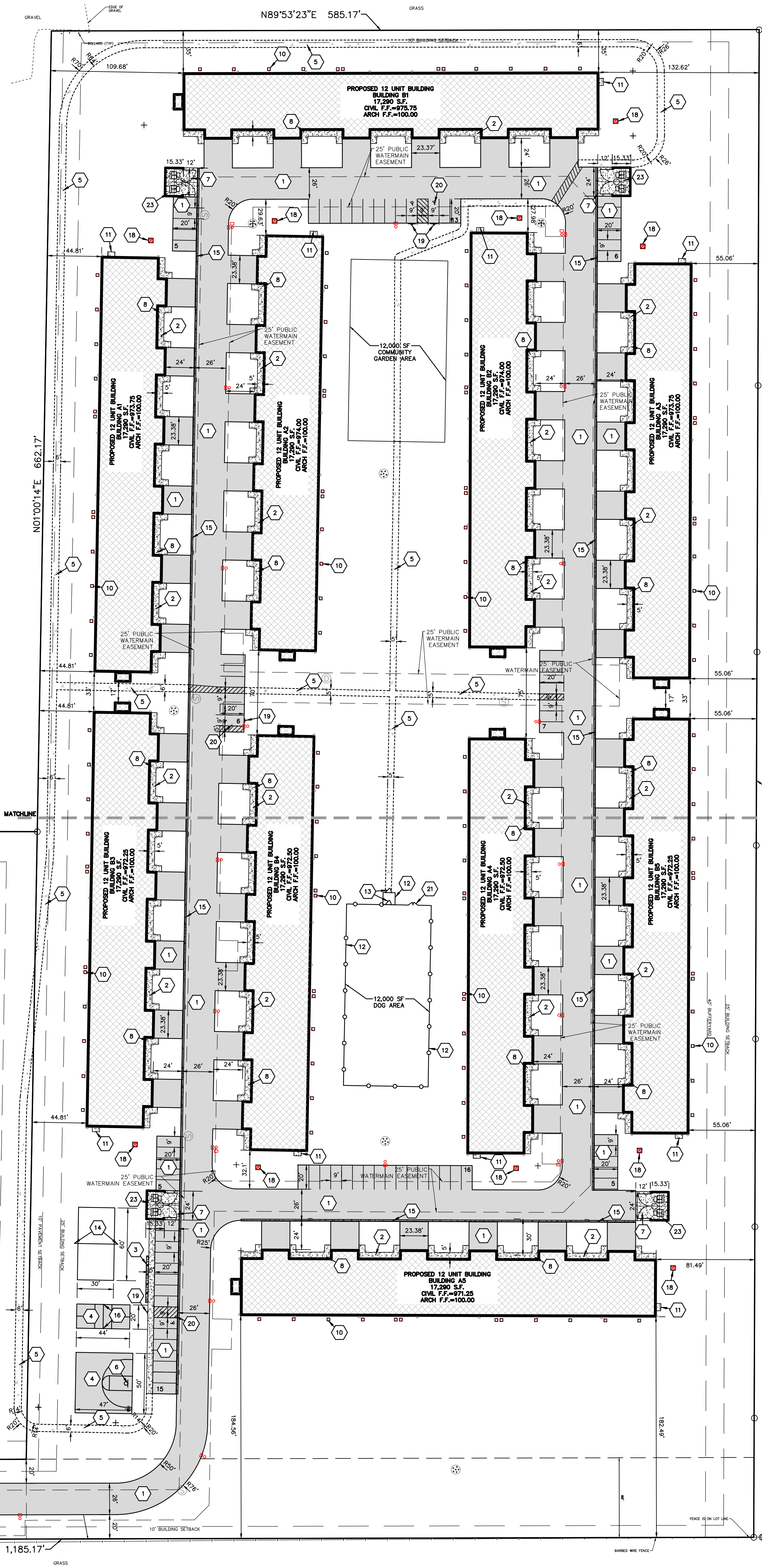
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EXCEL ENGINEERING, INC.



CIVIL EXISTING SITE AND DEMOLITION PLAN - NORTH

SITE PLAN KEYNOTES	
1	STANDARD ASPHALT SECTION (TYP.)
2	CONCRETE SIDEWALK (TYP.)
3	MAILBOXES
4	LIGHT DUTY ASPHALT
5	GRAVEL PATH
6	BASKETBALL HOOP
7	DUMPSTER PAD/APRON CONCRETE (TYP.)
8	CONCRETE STOOP (TYP.) SEE ARCH. PLANS FOR DETAILS.
10	CONCRETE CONDENSER UNIT PAD. SEE HVAC PLANS (TYP.)
11	CONCRETE GAS METER PAD. DESIGN BY UTILITY COMPANY.
12	5' HIGH GALVANIZED CHAINLINK FENCE
13	5' WIDE SWING GATE TO MATCH FENCE.
14	VOLLEYBALL NET POST (2 TYP.)
15	18" MOUNTABLE CURB & GUTTER (TYP.)
16	PICKLEBALL NET POSTS. (2 TYP.)
17	NOT USED
18	CONCRETE TRANSFORMER PAD BY UTILITY SUPPLIER (CONTRACTOR TO VERIFY FINAL LOCATION & DESIGN PRIOR TO CONSTRUCTION)
19	HANDICAP SIGN (TYP.)
20	HANDICAP STALL & STRIPING PER STATE CODES.
21	(2) 5' WIDE SWING GATES TO MATCH FENCE.
22	MONUMENT SIGN (DETAILS, FINAL LOCATION, & APPROVAL BY SIGN VENDOR)
23	DUMPSTER ENCLOSURE (SEE ARCH PLANS FOR DETAILS)
25	STOP SIGN (TYP.)



SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

SITE INFORMATION:

LEGAL DESCRIPTION: Part of the Northwest 1/4 of the Northwest 1/4 of Section 27, Township 12 North, Range 6 East, Village of West Baraboo, Sauk County, WI;

PROPERTY AREA: 779,388 S.F. (17.89 ACRES).

EXISTING ZONING: C-Commercial

PROPOSED ZONING: C-Commercial

PROPOSED USE: Multi-Family Residential

AREA OF SITE DISTURBANCE: 817,741 S.F. (18.77 ACRES)

SETBACKS: BUILDING: FRONT = 25'
SIDE = 40'
REAR = 25'

PAVEMENT: FRONT = 10'
SIDE = 40'
REAR = 0'

PROPOSED BUILDING HEIGHT: 20'6" (MAX. HEIGHT ALLOWED: 45 FEET)

PARKING REQUIRED: 2.2 SPACES PER 1 BEDROOM UNIT
2.6 SPACES PER 2 BEDROOM UNIT
3.0 SPACES PER 3 BEDROOM UNIT
(312 SPACES REQ.)

PARKING PROVIDED: INTERIOR GARAGE PARKING: 120 SPACES (3 H.C. ACCESSIBLE)
EXTERIOR GARAGE PARKING: 120 SPACES (2 H.C. ACCESSIBLE)
EXTERIOR PARKING: 78 SPACES (3 H.C. ACCESSIBLE)
TOTAL: 318 SPACES

HANDICAP STALLS REQUIRED: 8, HANDICAP STALLS PROVIDED: 8

EXISTING SITE DATA

	AREA (AC)	AREA (SF)	RATIO
PROJECT SITE	17.89	779,388	
BUILDING FLOOR AREA	0.00	0	0.0%
PAVEMENT (ASP. & CONC.)	0.00	0	0.0%
TOTAL IMPERVIOUS	0.00	0	0.0%
LANDSCAPE/ OPEN SPACE	17.89	779,388	100.0%

PROPOSED SITE DATA

	AREA (AC)	AREA (SF)	RATIO
PROJECT SITE	17.89	779,388	
BUILDING FLOOR AREA	3.97	172,900	22.2%
PAVEMENT (ASP. & CONC.)	3.61	157,137	20.2%
TOTAL IMPERVIOUS	7.58	330,037	42.3%
LANDSCAPE/ OPEN SPACE	10.32	449,351	57.7%

PAVEMENT HATCH KEY:

	STANDARD ASPHALT
	SIDEWALK CONCRETE

PER DOT R/W PROJECT NO. 1672-03-21,
TWO ACCESS POINTS ALLOWED TO C.T.H. "RD"
(F.A.A. U.S.H. 12). ONE BEING LOCATED IN THE
TRAVEL EASEMENT DEPICTED ON THIS SURVEY.

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CB1 SEPT. 29, 2023

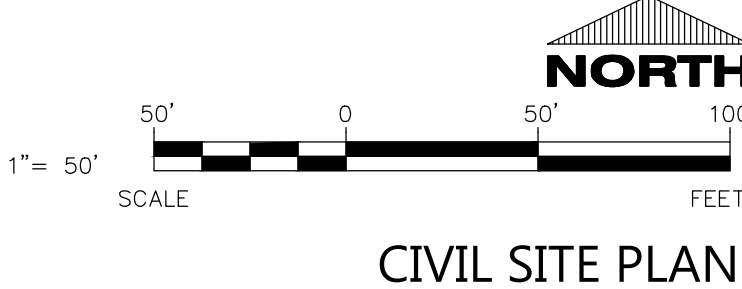
JOB NUMBER

2285740

SHEET NUMBER

C1.1

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CIVIL SITE PLAN

SITE PLAN KEYNOTES

1	STANDARD ASPHALT SECTION (TYP.)
2	CONCRETE SIDEWALK (TYP.)
3	MAILBOXES
4	LIGHT DUTY ASPHALT
5	GRAVEL PATH
6	BASKETBALL HOOP
7	DUMPSTER PAD/APRON CONCRETE (TYP.)
8	CONCRETE STOOP (TYP.) SEE ARCH. PLANS FOR DETAILS.
10	CONCRETE CONDENSER UNIT PAD. SEE HVAC PLANS (TYP.)
11	CONCRETE GAS METER PAD. DESIGN BY UTILITY COMPANY.
12	5' HIGH GALVANIZED CHAINLINK FENCE
13	5' WIDE SWING GATE TO MATCH FENCE.

14	VOLLEYBALL NET POST (2 TYP.)
15	18" MOUNTABLE CURB & GUTTER (TYP.)
16	PICKLEBALL NET POSTS. (2 TYP.)
17	60 LF OF MODULAR BLOCK RETAINING WALL. COLOR BY OWNER
18	CONCRETE TRANSFORMER PAD BY UTILITY SUPPLIER (CONTRACTOR TO VERIFY FINAL LOCATION & DESIGN PRIOR TO CONSTRUCTION)
19	HANDICAP SIGN (TYP.)
20	HANDICAP STALL & STRIPING PER STATE CODES.
21	(2) 5' WIDE SWING GATES TO MATCH FENCE.
22	MONUMENT SIGN (DETAILS, FINAL LOCATION, & APPROVAL BY SIGN VENDOR)
23	DUMPSTER ENCLOSURE (SEE ARCH PLANS FOR DETAILS)
25	STOP SIGN (TYP.)
26	TURN LANE (SEE SHEET C5.0)

SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE	AUG. 7, 2023
REVISIONS	
CB1	SEPT. 29, 2023
CB3	NOV. 30, 2023
CB4	JAN. 12, 2024

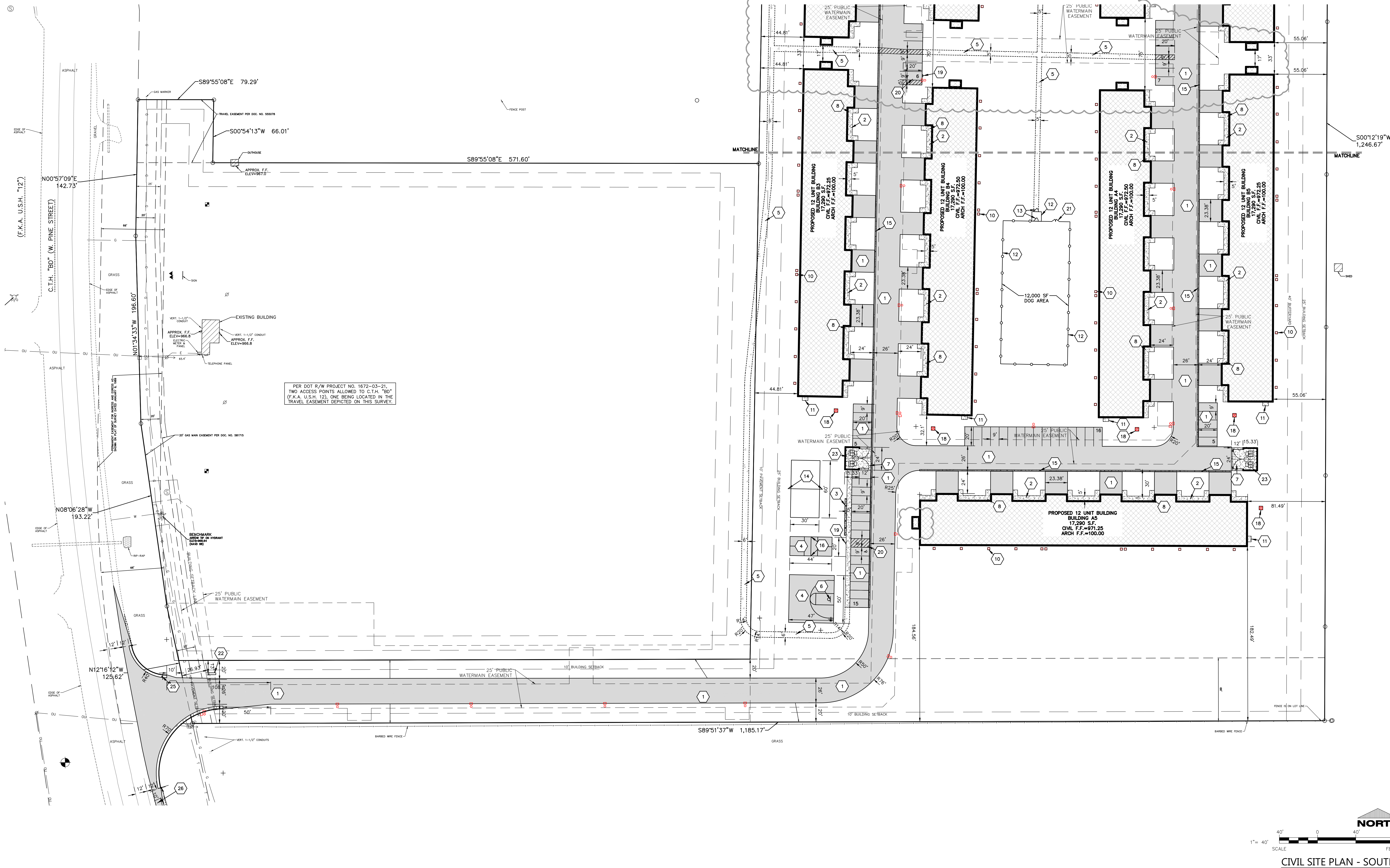
JOB NUMBER

2285740

SHEET NUMBER

C1.1A

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SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE AUG. 7, 2023
REVISIONS
CB1 SEPT. 29, 2023
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JOB NUMBER

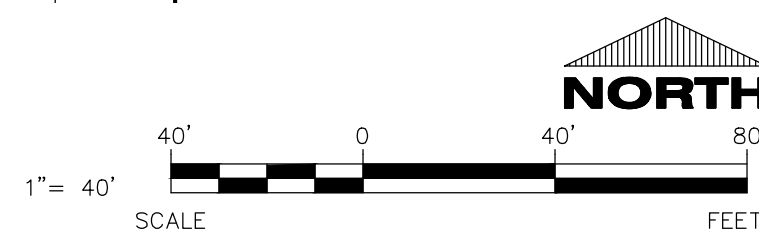
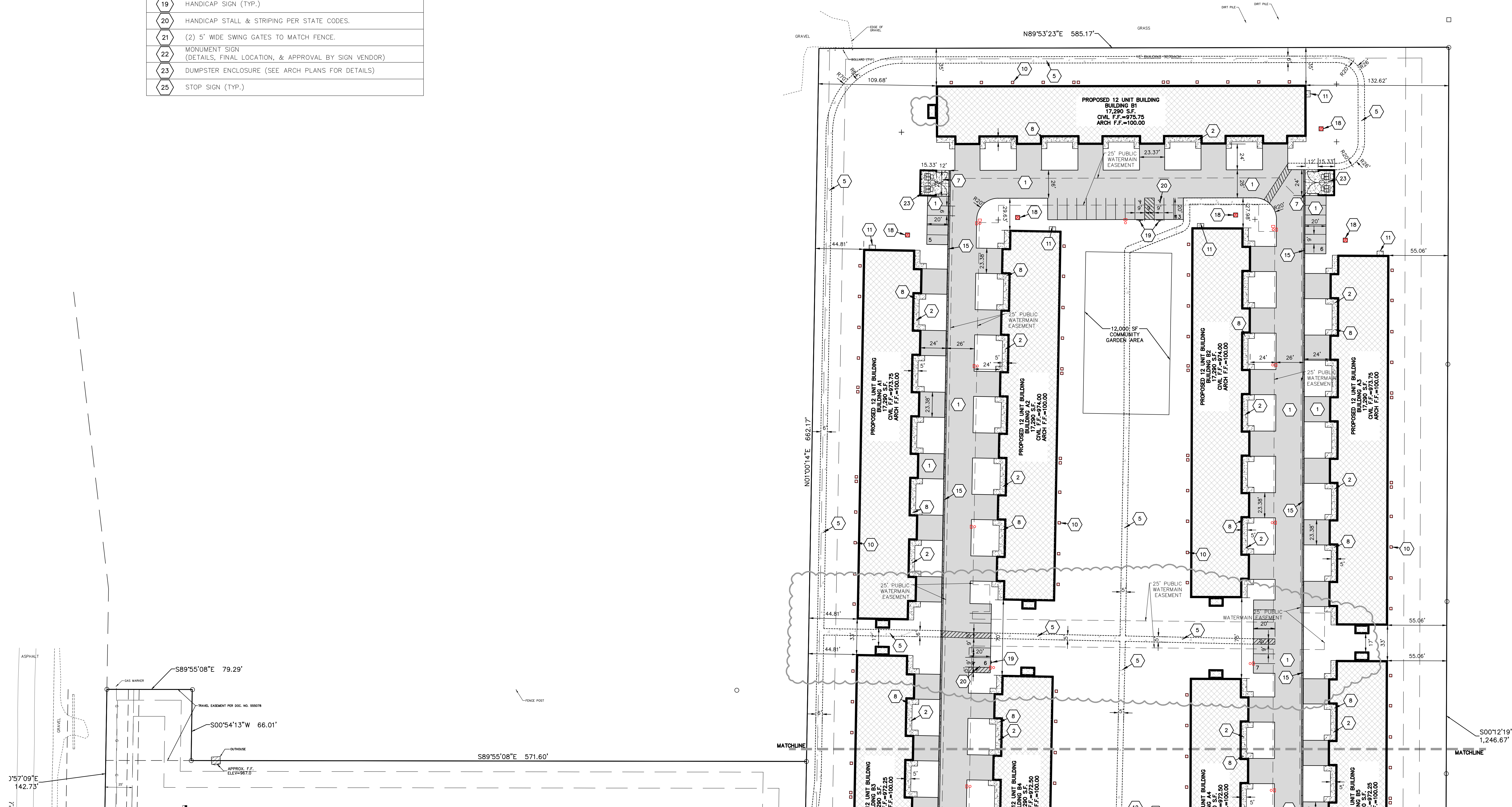
2285740

SHEET NUMBER

C1.1B

SITE PLAN KEYNOTES

1	STANDARD ASPHALT SECTION (TYP.)
2	CONCRETE SIDEWALK (TYP.)
3	MAILBOXES
4	LIGHT DUTY ASPHALT
5	GRAVEL PATH
6	BASKETBALL HOOP
7	DUMPSTER PAD/APRON CONCRETE (TYP.)
8	CONCRETE STOOP (TYP.) SEE ARCH. PLANS FOR DETAILS.
10	CONCRETE CONDENSER UNIT PAD. SEE HVAC PLANS (TYP.)
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14	VOLLEYBALL NET POST (2 TYP.)
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16	PICKLEBALL NET POSTS. (2 TYP.)
17	60 LF OF MODULAR BLOCK RETAINING WALL. COLOR BY OWNER
18	CONCRETE TRANSFORMER PAD BY UTILITY SUPPLIER (CONTRACTOR TO VERIFY FINAL LOCATION & DESIGN PRIOR TO CONSTRUCTION)
19	HANDICAP SIGN (TYP.)
20	HANDICAP STALL & STRIPING PER STATE CODES.
21	(2) 5' WIDE SWING GATES TO MATCH FENCE.
22	MONUMENT SIGN (DETAILS, FINAL LOCATION, & APPROVAL BY SIGN VENDOR)
23	DUMPSTER ENCLOSURE (SEE ARCH PLANS FOR DETAILS)
25	STOP SIGN (TYP.)



PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE	AUG. 7, 2023
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CB2	OCT. 17, 2023
CB4	JAN. 12, 2024

JOB NUMBER

2285740

SHEET NUMBER

C1.2A

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SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

NOTES:

- HANDICAP STALL AND ACCESS AISLES SHALL NOT EXCEED A SLOPE OF 1.50% IN ANY DIRECTION. HANDICAP STALL & ACCESS AISLES SHALL CONFORM TO ADA REQUIREMENTS (CURRENT EDITION).
- ALL SIDEWALKS SHALL NOT EXCEED A MAXIMUM CROSS SLOPE OF 1.50% AND RUNNING SLOPE OF 4.50% UNLESS OTHERWISE SPECIFIED.

INLET PROTECTION NOTE:

IP

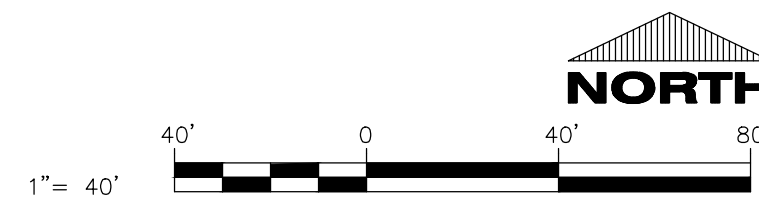
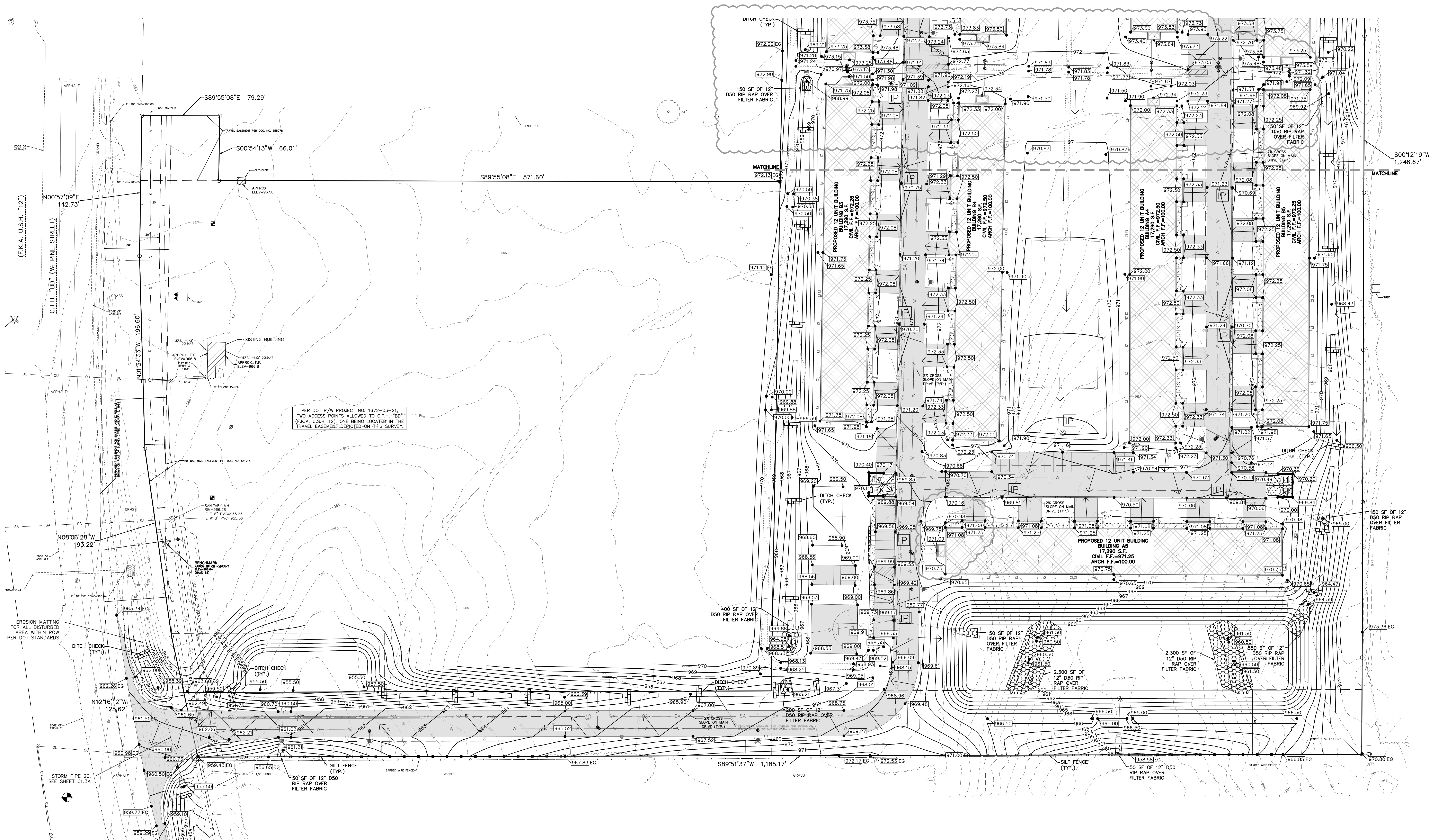
CONTRACTOR SHALL PROVIDE TEMPORARY INLET PROTECTION FOR ALL CURB INLETS & CATCH BASINS ONSITE & OFFSITE IMMEDIATELY DOWNSTREAM OF THE PROJECT SITE PER LOCAL CODE.

CONCRETE WASHOUT NOTE:

CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AS REQUIRED PER CODE. FINAL LOCATION TBD BY CONTRACTOR.

STABILIZED CONSTRUCTION ENTRANCE NOTE:

CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION ENTRANCE AT CONSTRUCTION ENTRANCE FOR PROPOSED IMPROVEMENTS AS REQUIRED PER CODE.



CIVIL GRADING AND EROSION CONTROL PLAN - SOUTH

PROFESSIONAL SEAL

SHEET DATES

JOB NUMBER

2285740

SHEET NUMBER

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NOTES:

- IP

INLET PROTECTION NOTE:

STABILIZED CONSTRUCTION ENTRANCE NOTE:

CONCRETE WASHOUT NOTE:

CIVIL GRADING AND EROSION CONTROL PLAN - NORTH

DOWNSPOUT NOTE:

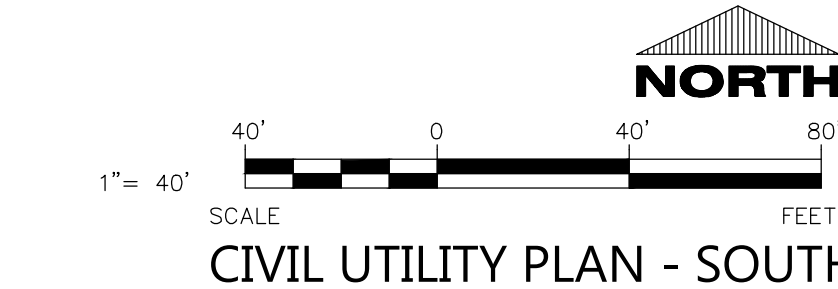
[DS] = DENOTES DOWNSPOUT TO GRADE LOCATIONS. PROVIDE SPLASH BLOCKS AT ALL DS TO GRADE LOCATIONS. SEE ARCH PLANS FOR FINAL LOCATIONS.

CLEANOUT NOTE:

[CO] = DENOTES LOCATIONS WHERE CONTRACTOR SHALL INSTALL CLEANOUTS. SEE CO.1 FOR SPECIFICATION.



COUNTY ROAD BD • WEST BARABOO, WISCONSIN



PROFESSIONAL SEAL

SHEET DATES	
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JOB NUMBER
2285740

SHEET NUMBER

C1.3A

SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

DOWNSPOUT NOTE:

[DS] = DENOTES DOWNSPOUT TO
GRADE LOCATIONS. PROVIDE SPLASH BLOCKS AT
ALL DS TO GRADE LOCATIONS. SEE ARCH PLANS
FOR FINAL LOCATIONS.

CLEANOUT NOTE:

[CO] = DENOTES LOCATIONS WHERE
CONTRACTOR SHALL INSTALL CLEANOUTS, SEE
C0.1 FOR SPECIFICATION.

PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE: AUG. 7, 2023
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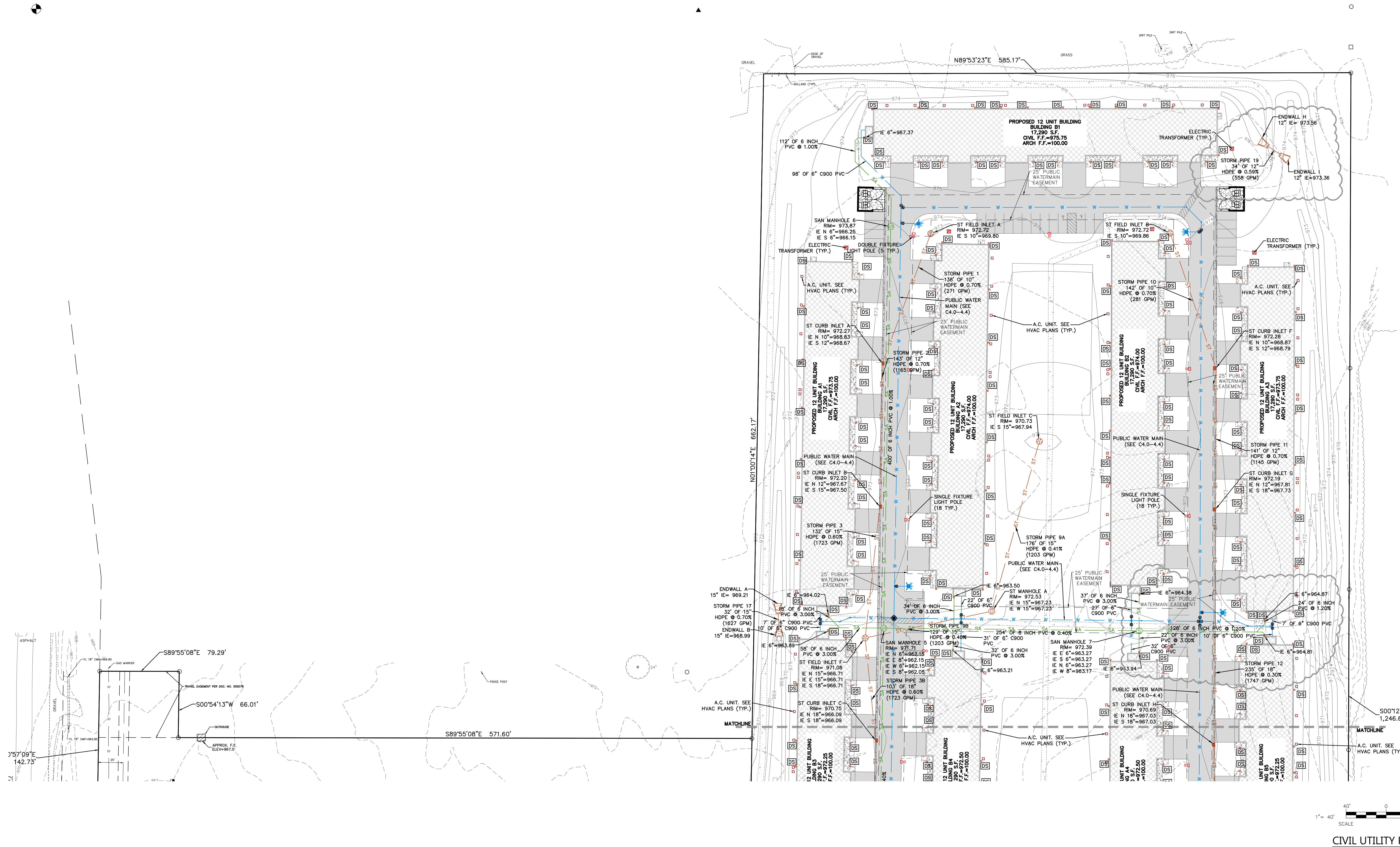
JOB NUMBER

2285740

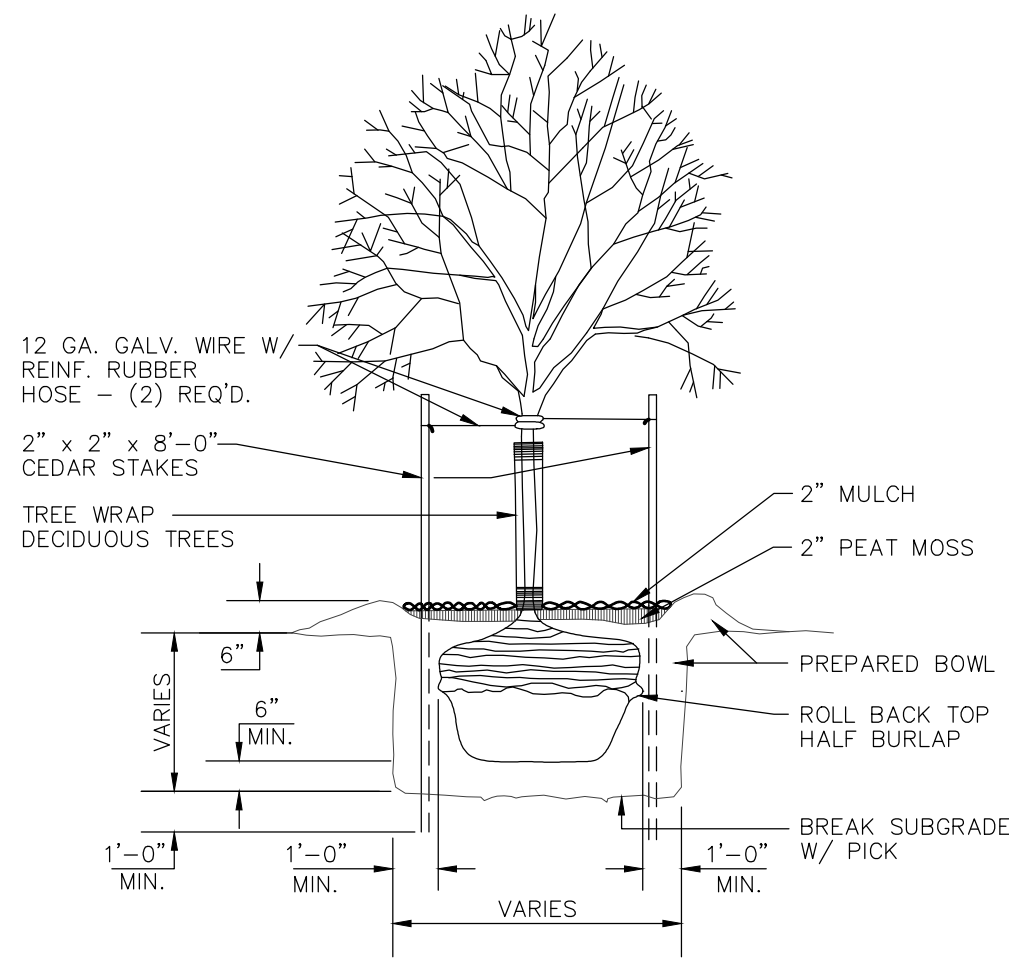
SHEET NUMBER

C1.3B

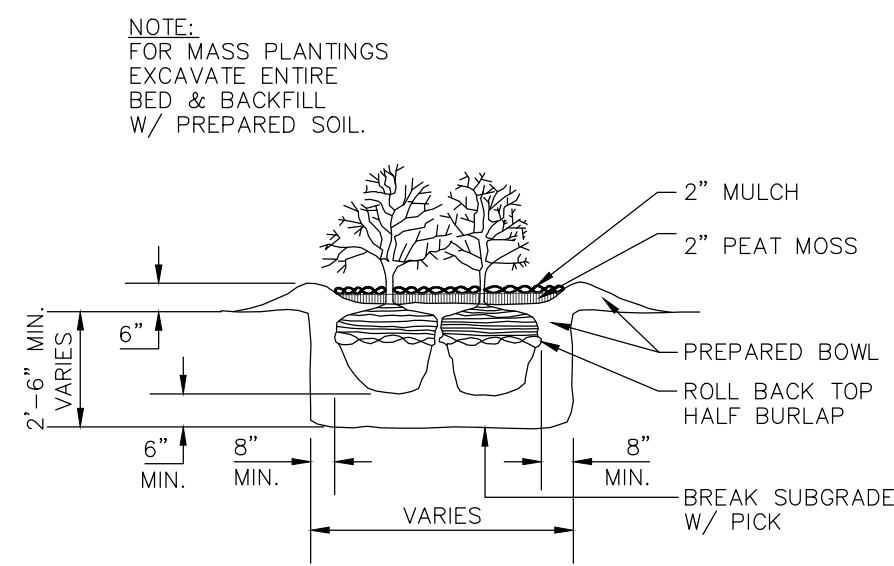
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LANDSCAPING PLANTING SCHEDULE				
SYMBOL	COMMON NAME	BOTANICAL NAME	PLANTED SIZE	QUANTITY
DECIDUOUS TREES				
⊙	Jack Flowering Pear	Pyrus calleryana 'Jazzam'	2"	14
⊙	Autumn Blaze Maple	Acer x freemanii 'Jeffersd'	2"	7
EVERGREEN TREES				
⊙	Austrian Pine	Pinus nigra	2"	17
●	Black Hills Spruce	Picea glauca	2"	16
DECIDUOUS SHRUBS				
●	Burning Bush	Euonymus alatus 'Compactus'	18"-24"	40
●	Red Twigged Dogwood	Cornus alba	18"-24"	32
●	Weigela Carnival	Weigela florida 'cortalia'	18"-24"	48
EVERGREEN SHRUBS				
●	Techny Arborvitae	Thuja occidentalis	18"-24"	35
●	Skyrocket Juniper	Juniperus scopulorum 'Skyrocket'	18"-24"	40
●	Dwarf Golden Arborvitae	Thuja orientalis 'Aurea Nano'	18"-24"	15
●	North Pole Arborvitae	Thuja occidentalis 'Art Boe'	18"-24"	25
PERENNIALS				
✱	Maiden Grass	Miscanthus sinensis 'Gracillimus'	1 gal. pot.	20
✱	Fire Dragon Maiden Grass	Miscanthus sinensis 'Fire Dragon'	1 gal. pot.	40



TREE PLANTING DETAIL
NO SCALE

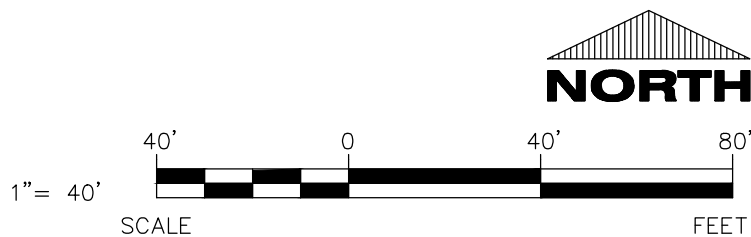
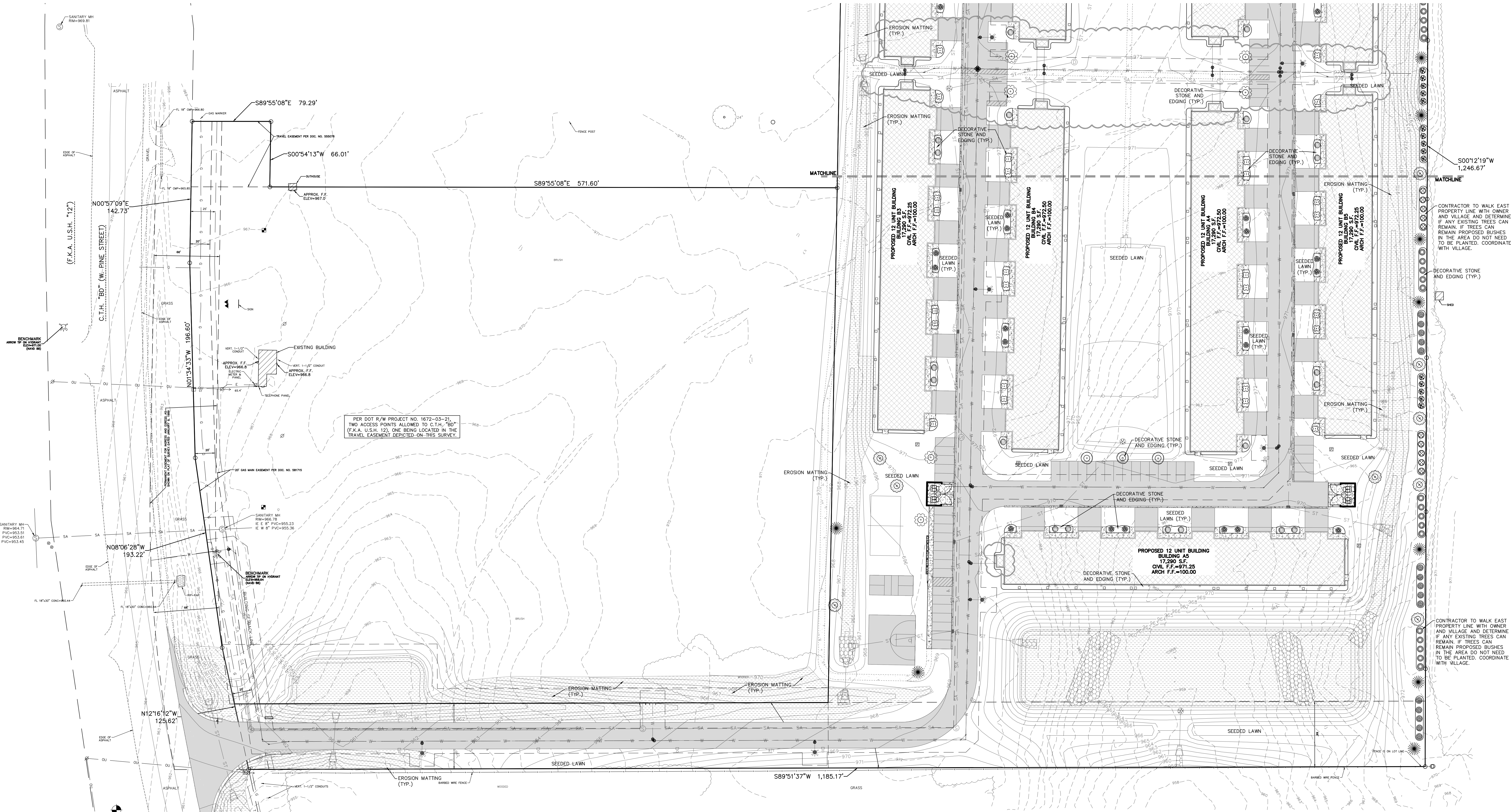


SHRUB PLANTING DETAIL
NO SCALE

LANDSCAPING CALCULATIONS		
ZONE	REQ. PLANTS	PLANTS PROVIDED
	0.25 TREES AND 1 SHRUB PER EACH 1,000 SF OF IMPERVIOUS AREA FOR THE FIRST 10,000 SF AND 0.125 TREES AND 0.5 SHRUBS PER 1,000 SF OF IMPERVIOUS AREA EXCEEDING 10,000 SF 330,000 SF OF IMPERVIOUS AREA = 43 TREES AND 170 SHRUBS REQUIRED	50 TREES AND 193 SHRUBS PROVIDED

SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

EROSION MATTING LOCATION



CIVIL LANDSCAPE AND RESTORATION PLAN - SOUTH

PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

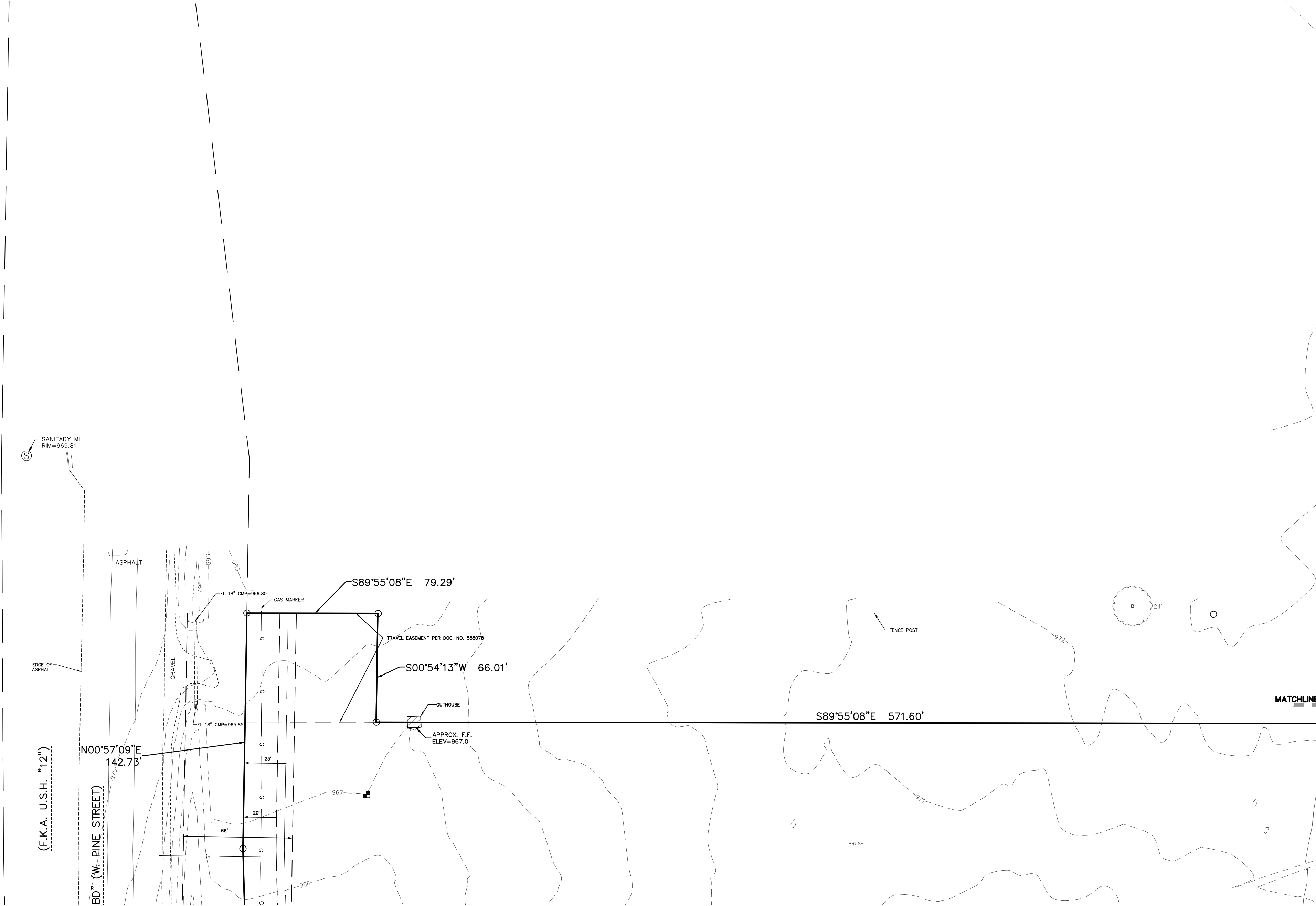
SHEET ISSUE	AUG. 7, 2023
REVISIONS	
CB1	SEPT. 29, 2023
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JOB NUMBER

2285740

SHEET NUMBER

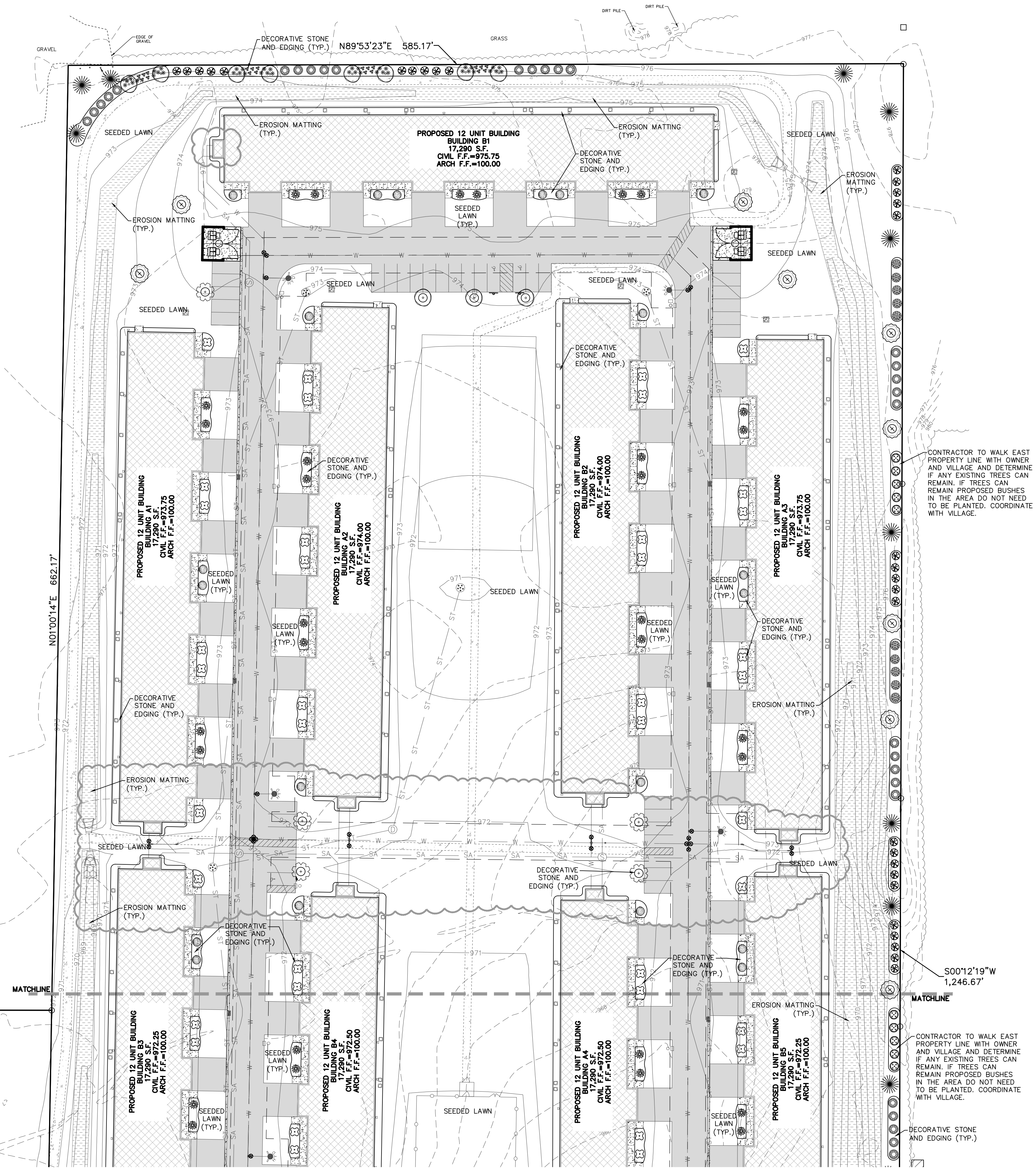
C1.4A



LANDSCAPING PLANTING SCHEDULE				
SYMBOL	COMMON NAME	BOTANICAL NAME	PLANTED SIZE	QUANTITY
DECIDUOUS TREES				
○	Jack Flowering Pear	Pyrus calleryana 'Jazzam'	2"	14
⊗	Autumn Blaze Maple	Acer x freemanii 'Jeffersd'	2"	7
EVERGREEN TREES				
⊙	Austrian Pine	Pinus nigra	2"	17
●	Black Hills Spruce	Picea glauca	2"	16
DECIDUOUS SHRUBS				
⊗	Burning Bush	Euonymus alatus 'Compactus'	18"-24"	40
⊙	Red Twigged Dogwood	Cornus bailey	18"-24"	32
⊗	Weigela Carnival	Weigela Florida 'courtata'	18"-24"	48
EVERGREEN SHRUBS				
⊗	Techny Arborvitae	Thuja occidentalis	18"-24"	35
⊙	Skyrocket Juniper	Juniperus scopulorum 'Skyrocket'	18"-24"	40
⊗	Dwarf Golden Arborvitae	Thuja orientalis 'Aurea Nano'	18"-24"	15
⊗	North Pole Arborvitae	Thuja occidentalis 'Art Boe'	18"-24"	25
PERENNIALS				
⊗	Maiden Grass	Miscanthus sinensis 'Gracillimus'	1 gal pot	20
⊗	Fire Dragon Maiden Grass	Miscanthus sinensis 'Fire Dragon'	1 gal pot	40

SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS

EROSION MATTING LOCATION



PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES
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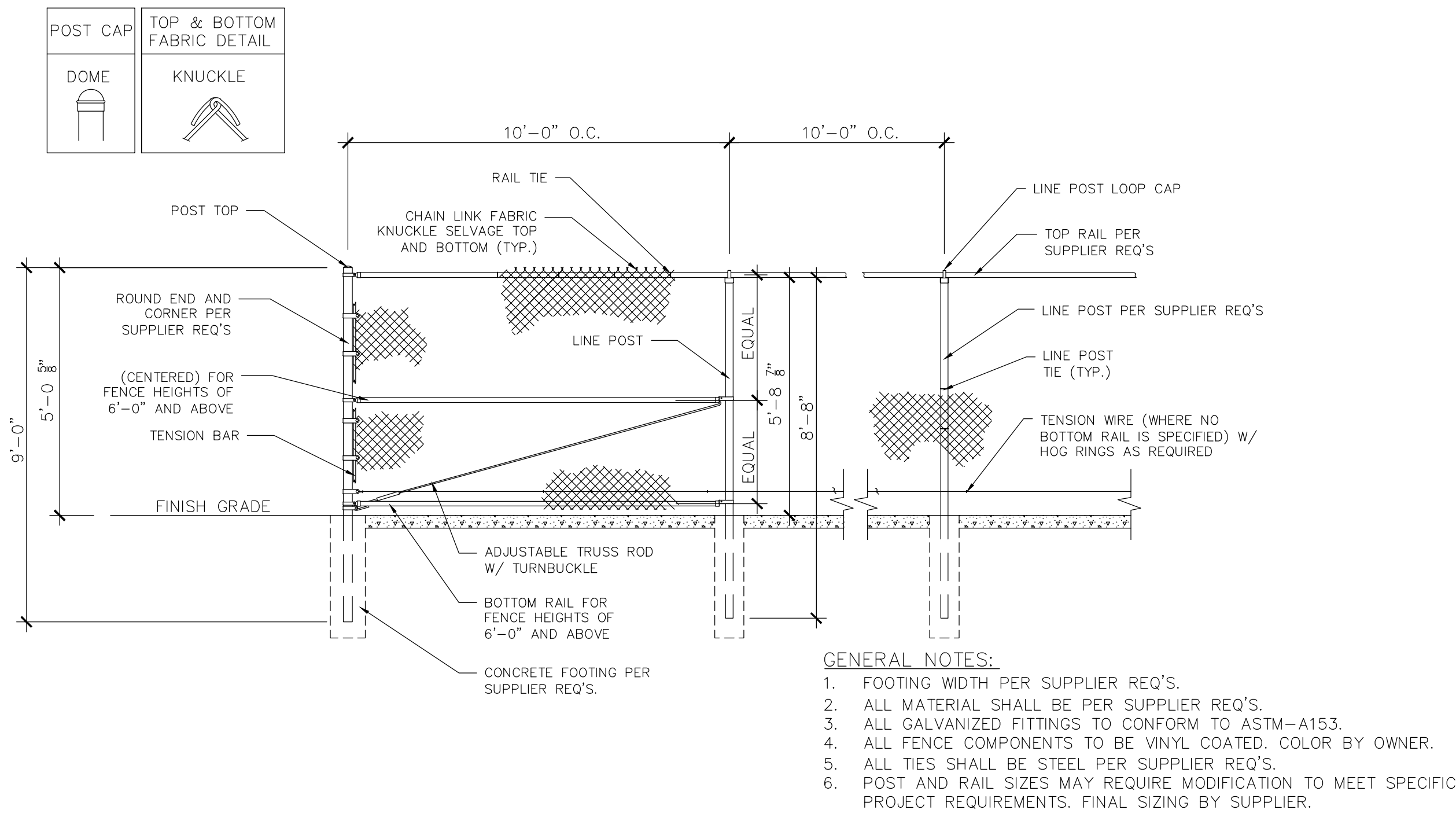
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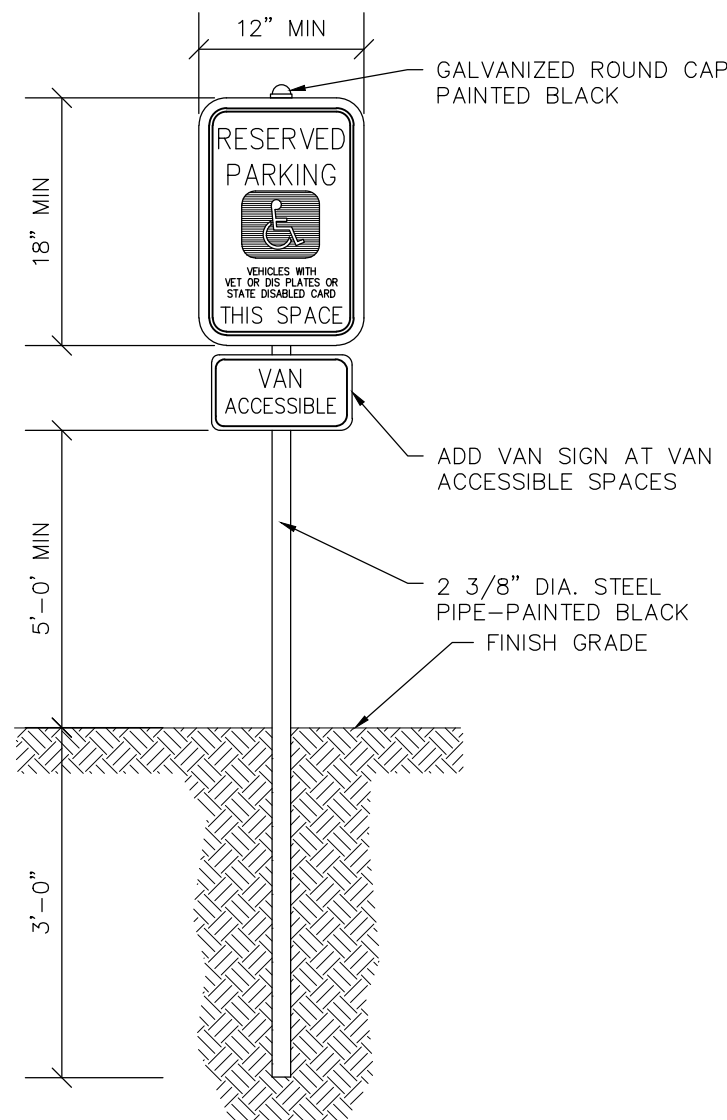
C1.4B

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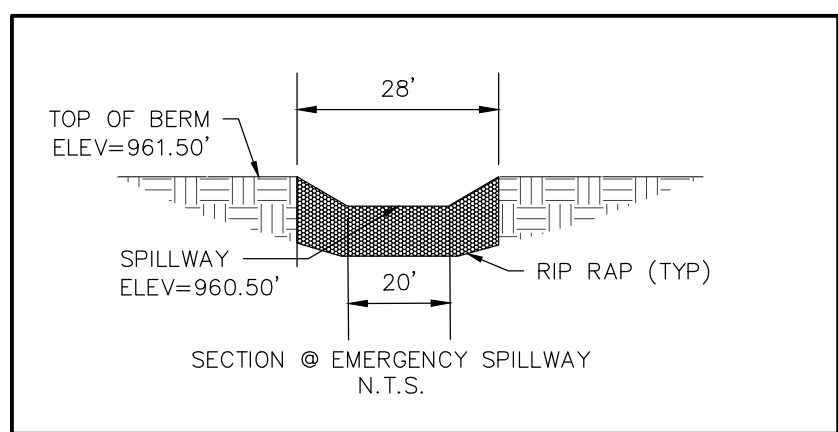
SPECIFICATION NOTE:
SEE SHEET C0.1 FOR PLAN
SPECIFICATIONS AND REQUIREMENTS



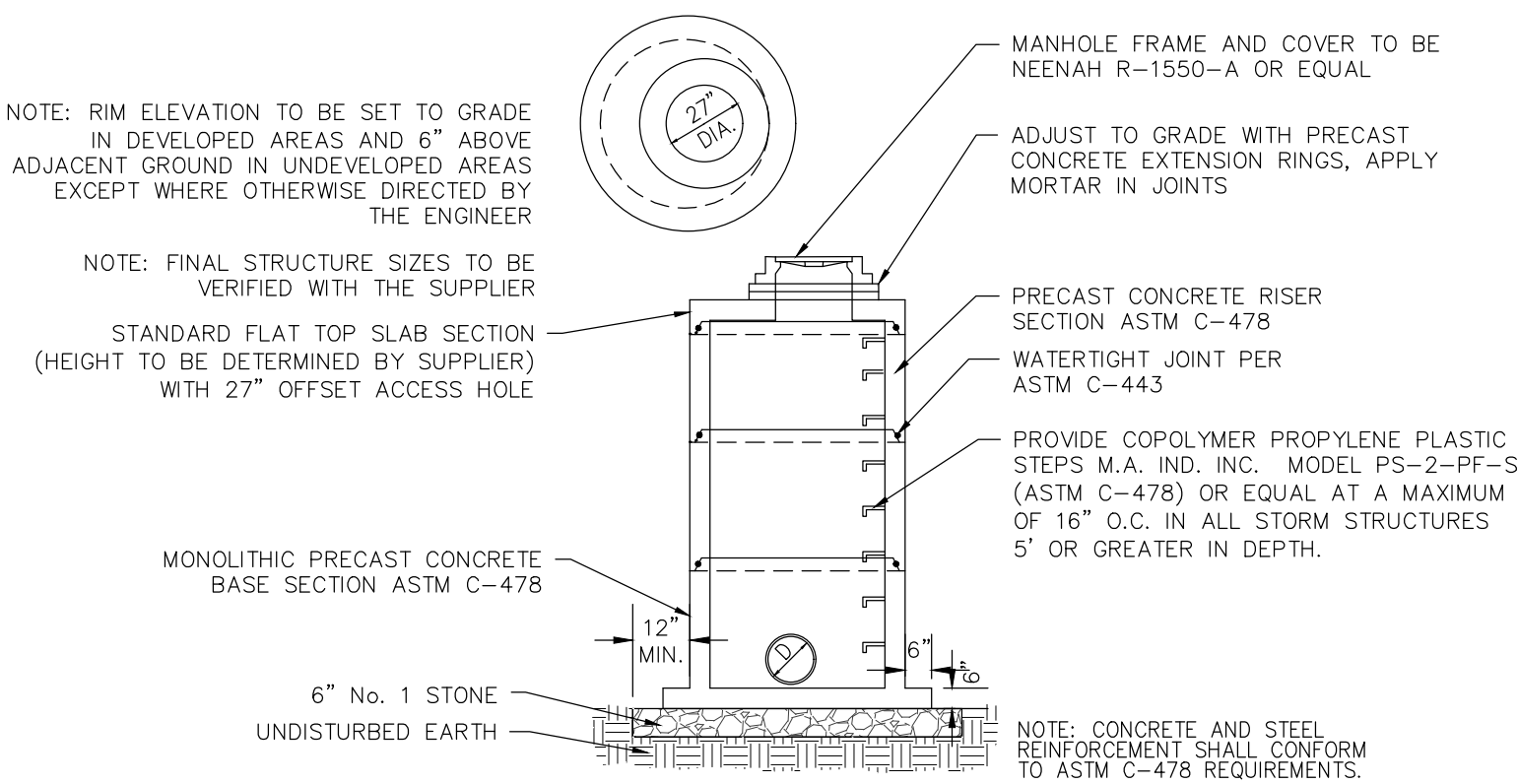
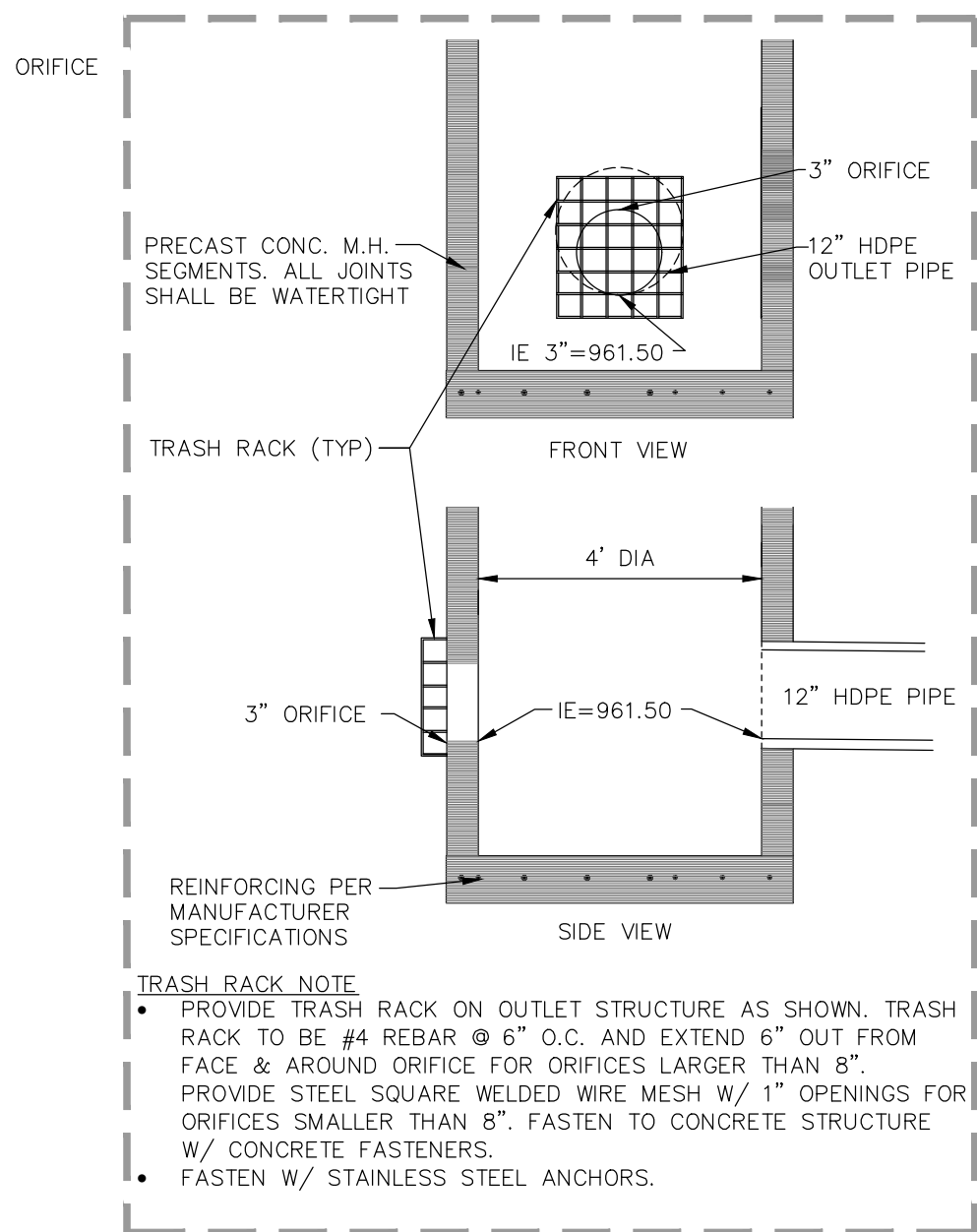
5' HIGH CHAINLINK FENCE DETAIL
NO SCALE



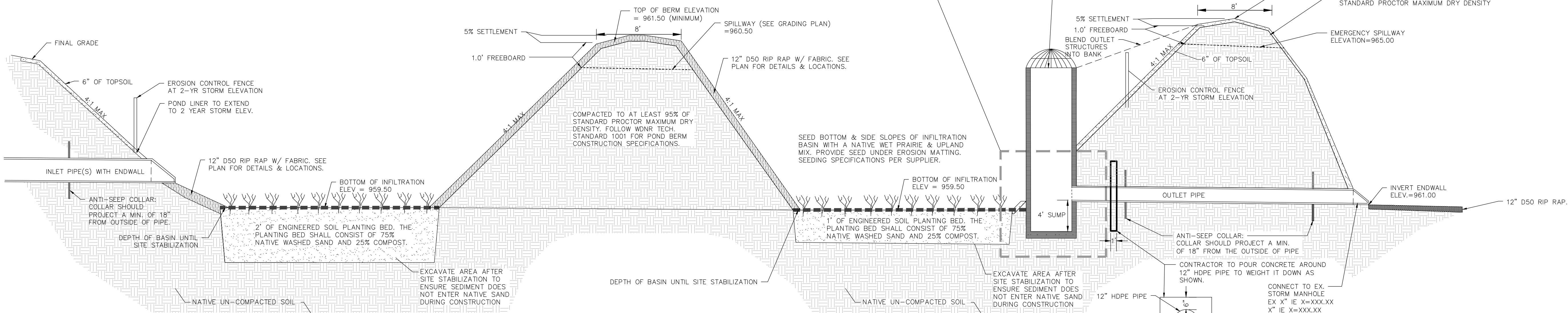
HANDICAP SIGNAGE WITHOUT CONCRETE BASE DETAIL
NO SCALE



BIOFILTRATION BASIN SPILLWAYS DETAIL
NO SCALE



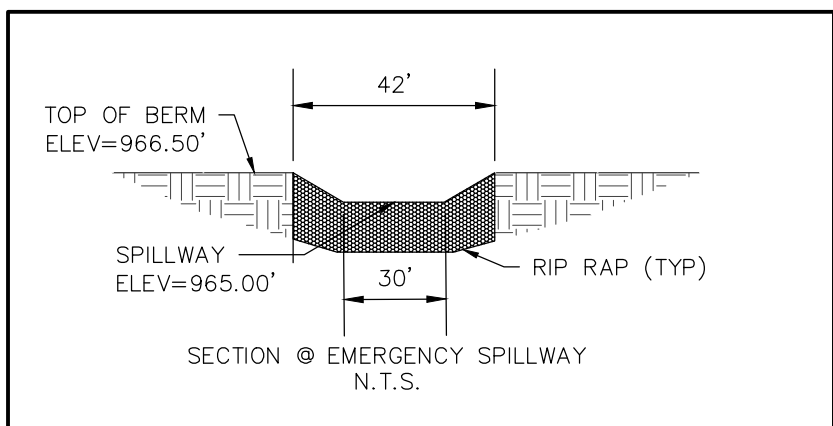
STORM MANHOLE DETAIL
NO SCALE



- NOTES:
- CONTRACTOR SHALL PROVIDE EROSION MATTING AS REQUIRED PER SPECIFICATIONS NOTED ON C0.1.
 - CONTRACTOR TO CONTACT EXCEL ENGINEERING TO COMPLETE AN AS-BUILT SURVEY FOLLOWING COMPLETION OF THE CONSTRUCTION OF THE STORMWATER POND. CONTRACTOR SHALL GIVE EXCEL ENGINEERING A MINIMUM OF A 3 DAY NOTICE. PLEASE NOTE THAT THE HORIZONTAL TOLERANCE FOR POND CONSTRUCTION IS 0.50' AND THE VERTICAL TOLERANCE FOR POND, OUTLET, AND SPILLWAY CONSTRUCTION IS 0.10'.
 - ENGINEERED SOIL: THE NATIVE SAND SHALL BE WASHED USDA SAND, 0.02 TO 0.04 INCHES IN DIAMETER. THE COMPOST COMPONENT SHALL MEET THE REQUIREMENTS OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES SPECIFICATION S100. ENGINEERED SOIL MIX SHALL HAVE A PH BETWEEN 5.5 AND 6.5.
 - COMPACTION OF SOIL AT THE INFILTRATION BASIN BOTTOM SHOULD BE PREVENTED DURING AND FOLLOWING CONSTRUCTION. THIS WILL REQUIRE EXCLUSION OF CONSTRUCTION TRAFFIC FROM THE INFILTRATION BASIN BOTTOM AND/ OR LOOSENING, SUCH AS BY RAKING OR RIPPING, THE INFILTRATION BASIN BOTTOM.

BIOFILTRATION BASIN
NO SCALE

INFILTRATION BASIN
NO SCALE



SOUTH EMERGENCY SPILLWAY DETAIL
NO SCALE

OVERALL STORMWATER FACILITY DETAIL
NO SCALE

PROJECT INFORMATION

PROPOSED MULTI-FAMILY FOR:
PRAIRIE HILL VILLAGE
COUNTY ROAD BD • WEST BARABOO, WISCONSIN

PROFESSIONAL SEAL

SHEET DATES

SHEET ISSUE AUG. 7, 2023
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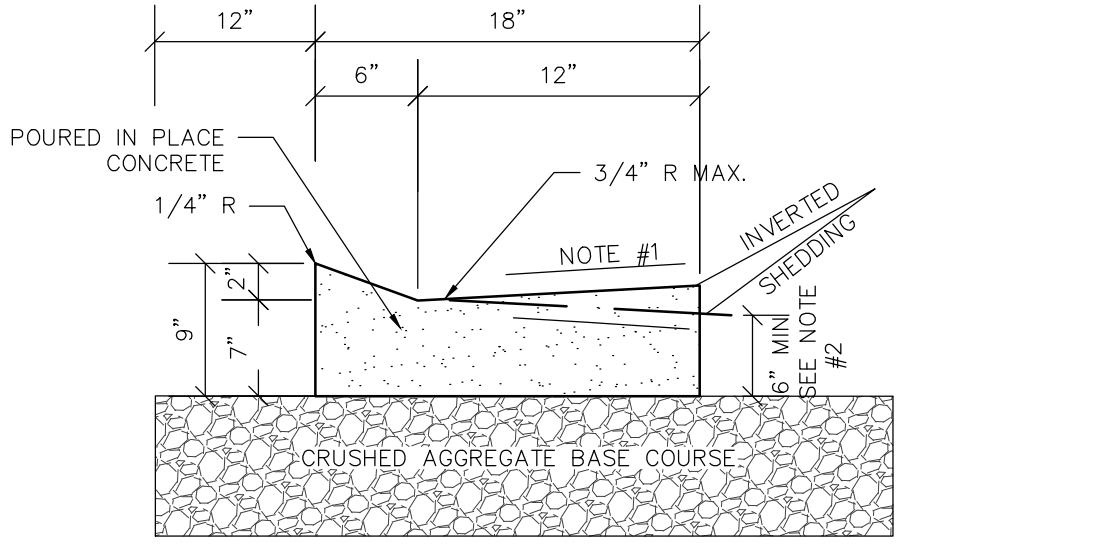
2285740

SHEET NUMBER

C2.1

CONSTRUCTION SEQUENCE	
PHASE	TYPE OF ACTION
1. PRE-CONSTRUCTION ACTION	1. CONTRACTOR TO CALL DIGGERS HOTLINE AT A MINIMUM OF 3 DAYS PRIOR TO CONSTRUCTION.
	2. PLACE ALL SILT FENCE.
	3. CONSTRUCT TRACKING STONE ENTRANCES AND ANY TEMPORARY CONSTRUCTION ROADWAYS AS NEEDED.
	4. CONSTRUCT PERMANENT RETENTION/DETENTION PONDS AND PERMANENT STORMWATER CONVEYANCE SYSTEMS.
	5. CONSTRUCT TEMPORARY SEDIMENT TRAPS, SEDIMENT BASINS, AND ANY TEMPORARY STORMWATER CONVEYANCE SYSTEMS AS NEEDED.
	6. STABILIZE ALL TEMPORARY AND PERMANENT EROSION CONTROL AND STORMWATER CONVEYANCE SYSTEMS BEFORE TOPSOIL CAN BE STRIPPED.
2. CONSTRUCTION ACTION	1. SITE DEMOLITION AS REQUIRED.
	2. STRIP AND RELOCATE TOPSOIL TO THE DESIGNATED TOPSOIL STOCKPILE. FINAL LOCATION BY CONTRACTOR (VERIFY W/ OWNER). PROVIDE PERIMETER SILT FENCE UNTIL STABILIZED.
	3. BEGIN MASS EARTH WORK FOR THE BUILDING PAD AND PAVEMENT AREAS.
	4. CONSTRUCT ANY REMAINING STORMWATER CONVEYANCE SYSTEMS, AND INSTALL ALL OTHER UTILITIES ON SITE.
	5. DIG AND POUR ALL BUILDING FOOTINGS.
	6. PLACE GRAVEL FOR ALL PROPOSED PAVEMENT AREAS, INCLUDING FIRE LANES.
	7. TOPSOIL, SEED, AND MULCH ALL DISTURBED AREAS OUTSIDE THE BUILDING AND PROPOSED PAVEMENT AREAS.
	8. CONSTRUCT BUILDING.
	9. PAVE DRIVEWAYS AND PARKING AREAS.
	10. TOPSOIL, SEED, AND MULCH ALL OTHER DISTURBED AREAS. PLACE EROSION MATTING AND RIP RAP.
	11. ONCE SITE IS STABILIZED, CONSTRUCT INFILTRATION BASIN.
3. POST CONSTRUCTION ACTION	1. CONTRACTOR TO REMOVE TEMPORARY EROSION CONTROL MEASURES UPON SITE STABILIZATION.
	2. SEE THE POST CONSTRUCTION MAINTENANCE PLAN FOR PERMANENT STORMWATER MANAGEMENT SYSTEMS.

CONTRACTOR TO FOLLOW THE EROSION CONTROL SPECIFICATIONS FOR CONSTRUCTION EROSION CONTROL INSPECTION AND MAINTENANCE.

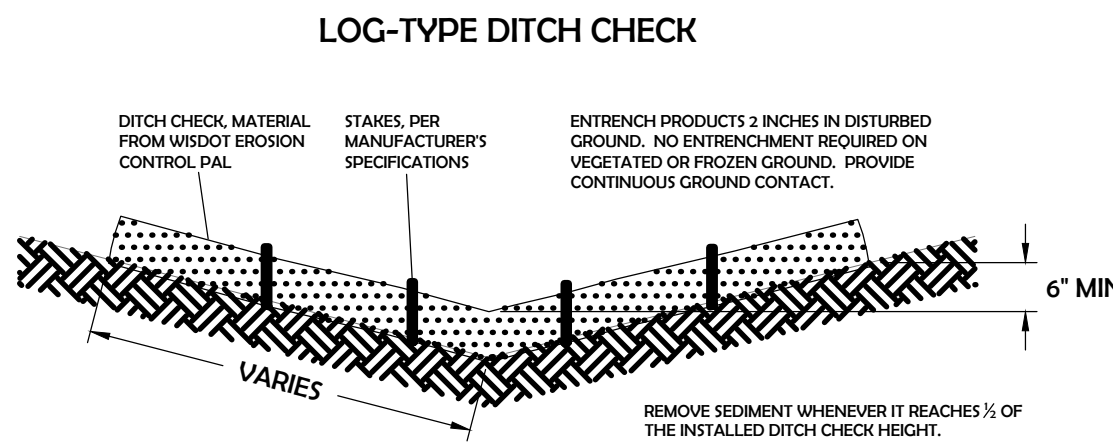


- NOTE:
1. USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
 2. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE, PROVIDED A 6" MIN. GUTTER THICKNESS IS MAINTAINED.
 3. SEE SITE PLAN & GRADING PLAN FOR INVERTED & SHEDDING CURB LOCATIONS

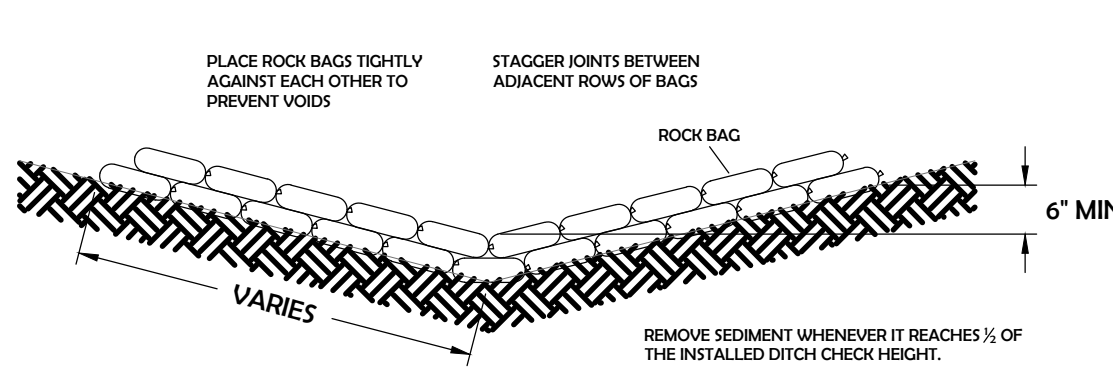
18" MOUNTABLE CURB & GUTTER DETAIL

NO SCALE

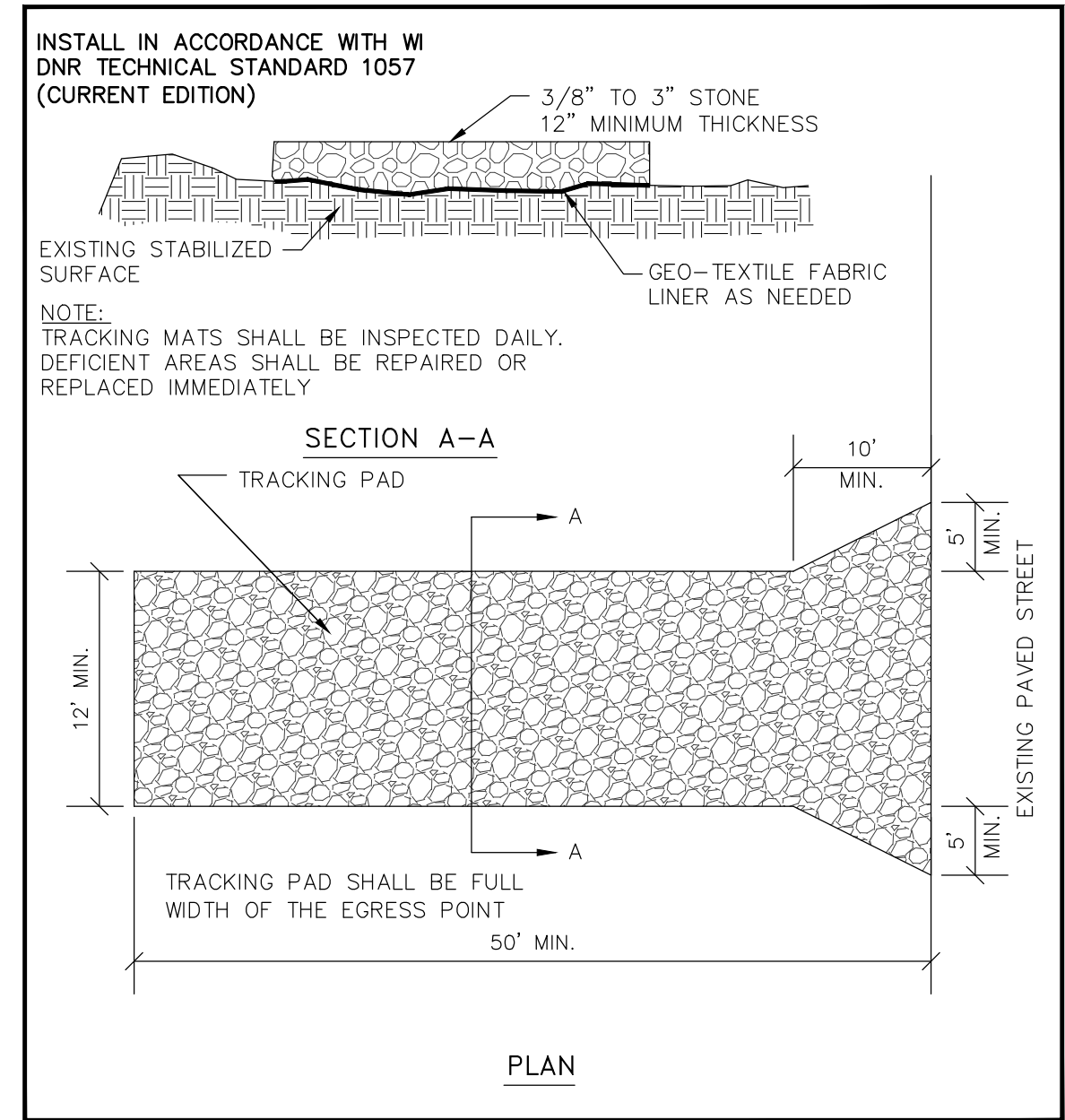
DITCH CHECK DETAIL



ROCK BAG DITCH CHECK

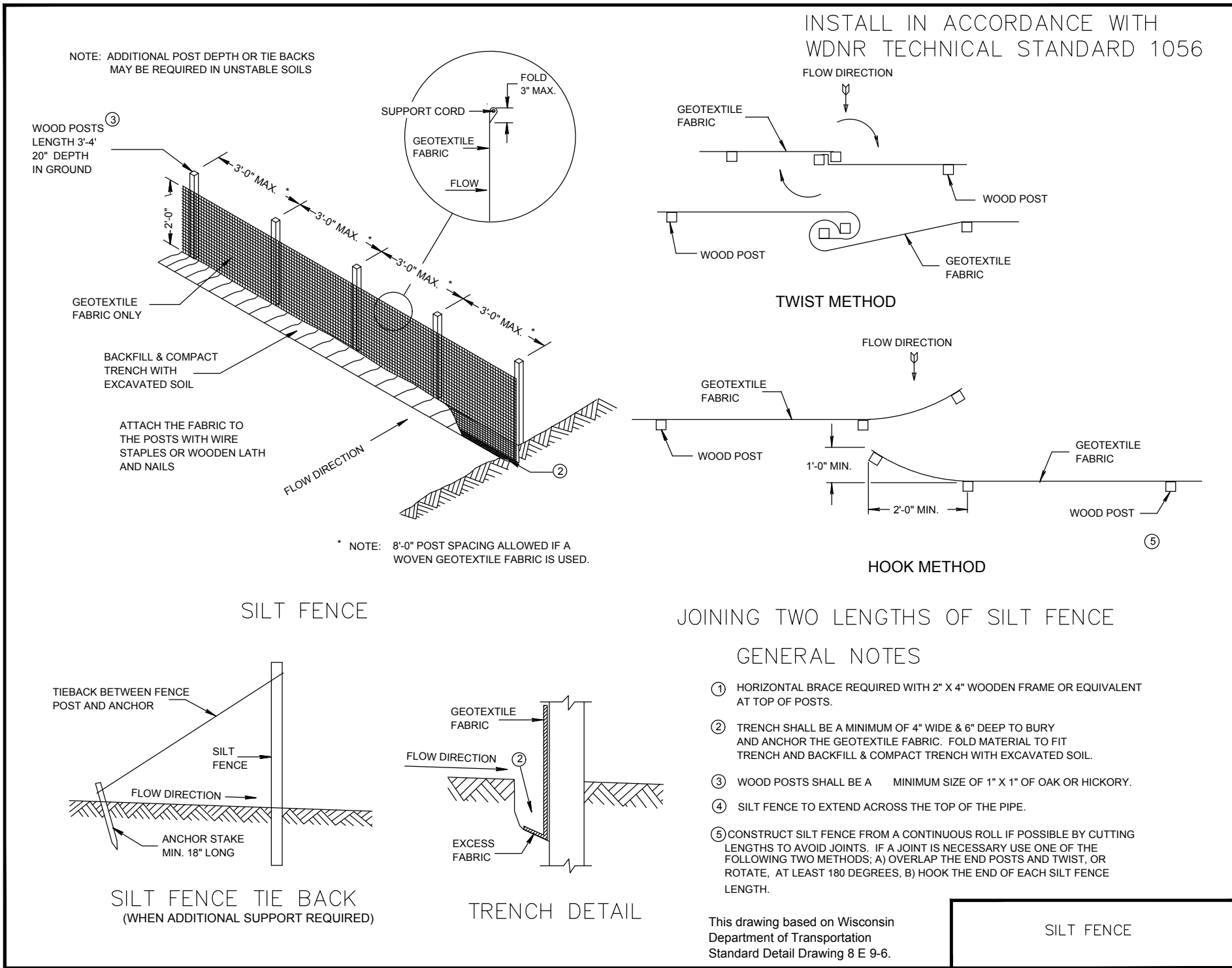


SEIVE	PERCENT PASSING BY WEIGHT
2-INCH	-
1 1/2-INCH	-
1-INCH	100
3/4-INCH	90-95
3/8-INCH	20-35
No. 4	0-10
No. 10	0-5



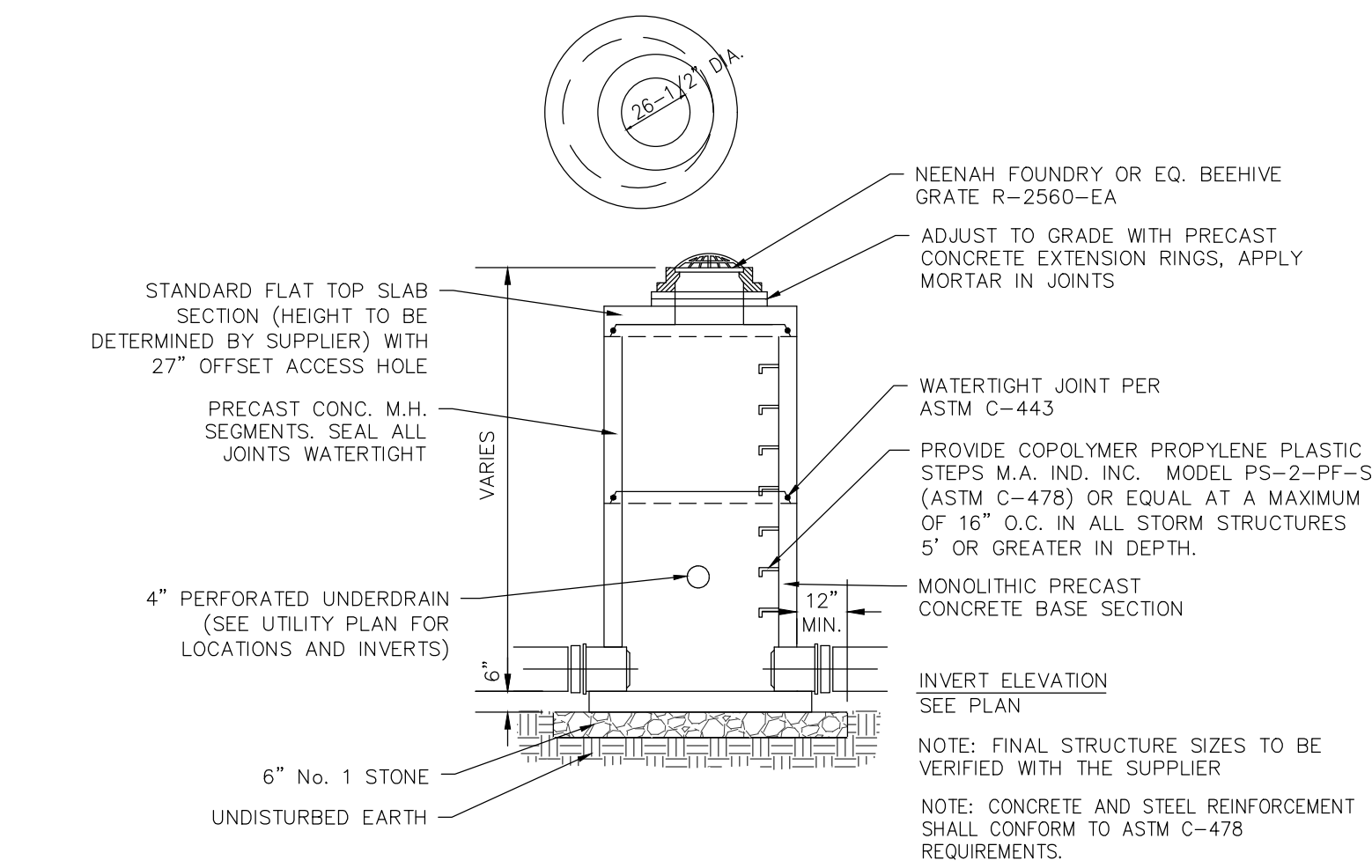
TRACKPAD DETAILS

NO SCALE



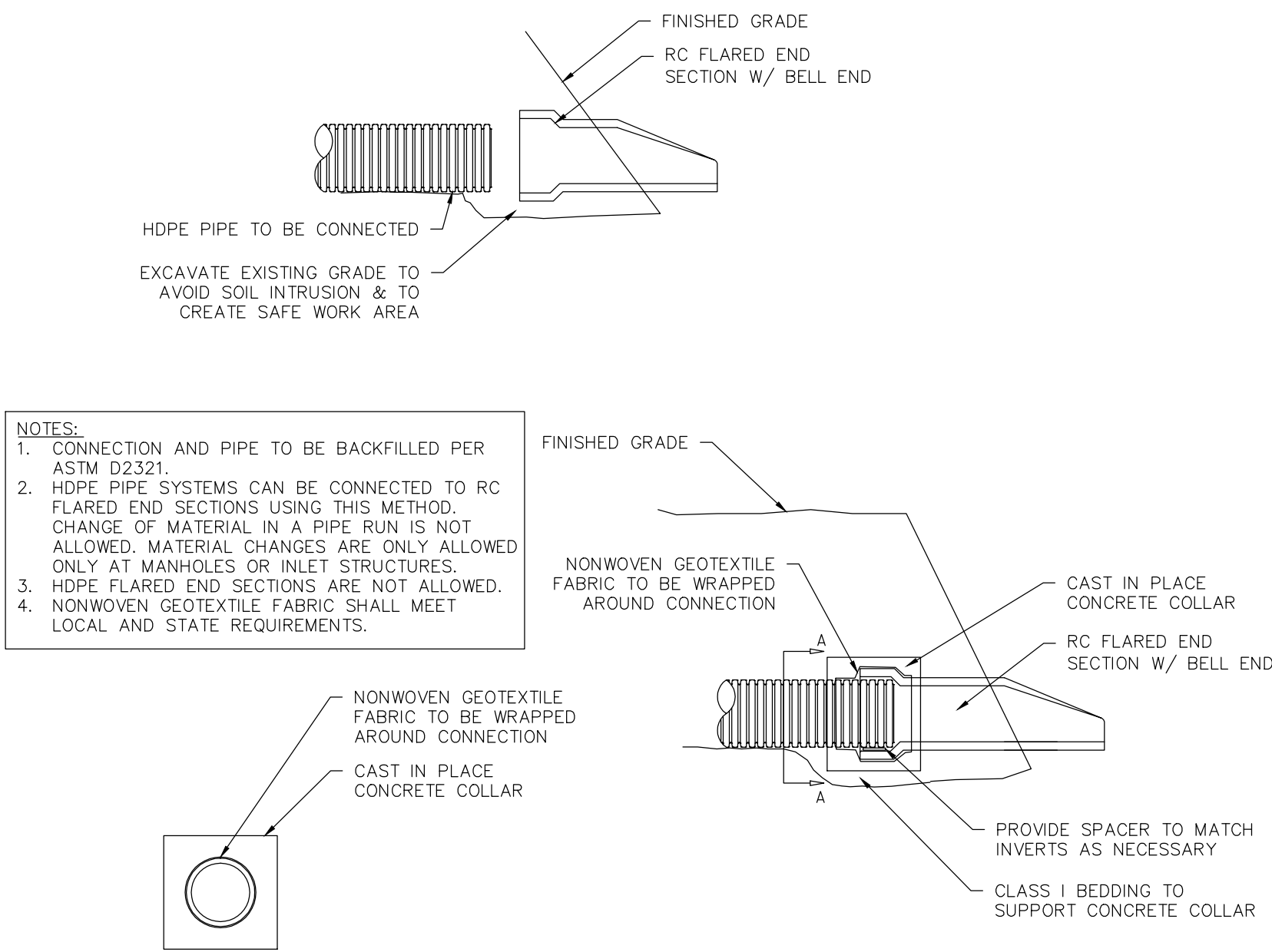
SILT FENCE - INSTALLATION DETAIL

NO SCALE



STORM FIELD INLET DETAIL

NO SCALE

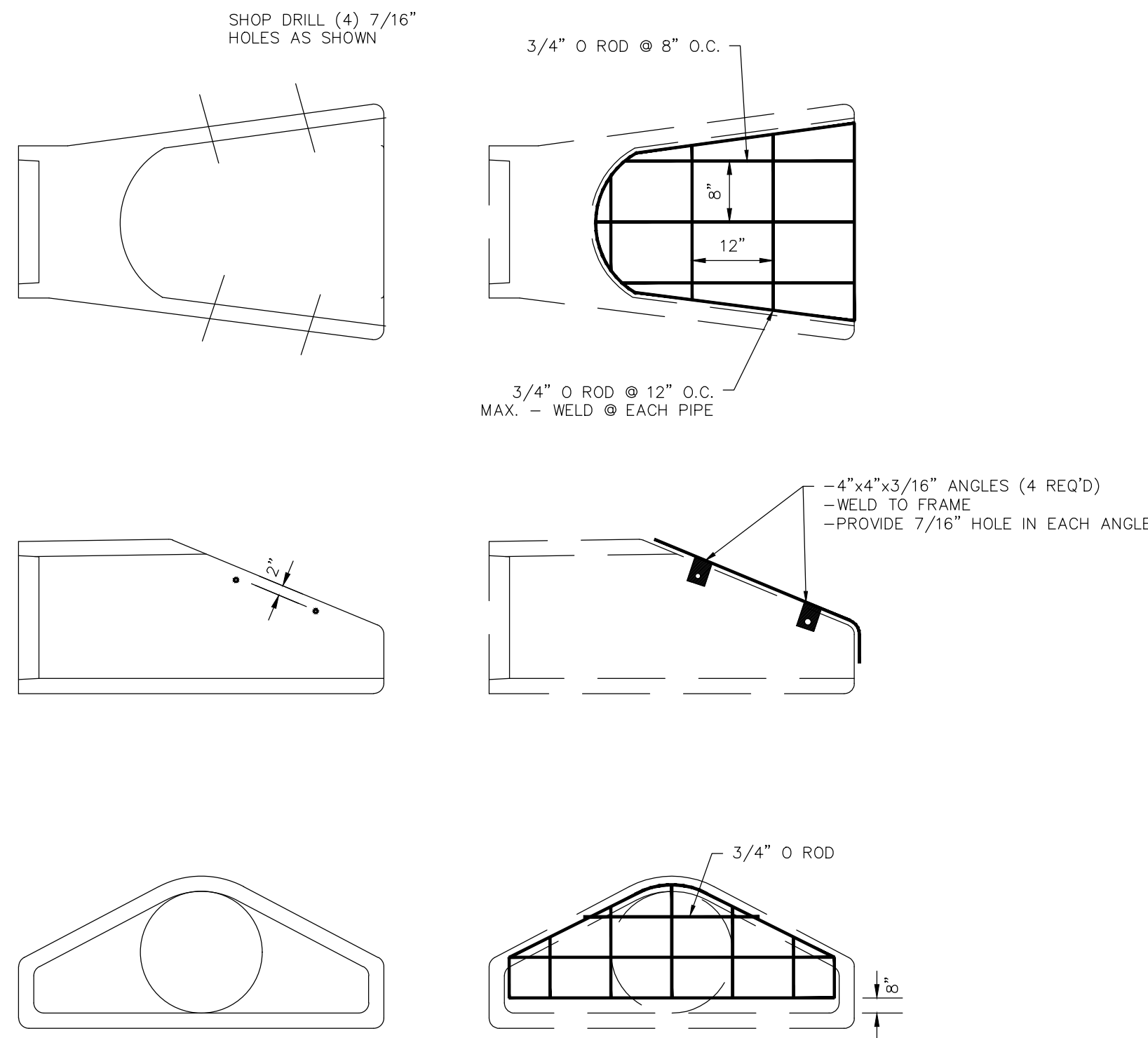


CONNECTION DETAIL FOR HDPE PIPE TO RC FLARED END SECTION BELL END

NO SCALE

STORM MOUNTABLE CURB INLET DETAIL

NO SCALE



- THE CONTRACTOR SHALL BOLT THE GRATE TO THE CONCRETE END WALL WITH FOUR 3/8" x 6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.
- APPLICABLE FOR PIPE SIZES 18" AND GREATER.

THE PIPE GRATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING, SEE NOTES:
FIRST COAT- RUST-OLEUM X-60 RED BARE METAL PRIMER OR EQUAL
SECOND COAT- RUST-OLEUM 960 ZINC CHROMATE PRIMER OR EQUAL
THIRD COAT- RUST-OLEUM 1285 HIGH GLOSS & METALLIC FINISH OR EQUAL.

- NOTES:
- BARE SURFACES - AFTER THOROUGH SCRAPING, WIRE BRUSHING & CLEANING, APPLY THE THREE COAT SYSTEM LISTED.
 - EACH COAT AN OVERALL COAT.
 - ALLOW 24-48 HOURS DRYING TIME BETWEEN COATS.

GRATE INSTALLATION DETAIL

NO SCALE

PROJECT INFORMATION



SDD 15D29 Traffic Control, Vehicle Entrance/Exit or Haul Road

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET
0-30	200'
35-40	350'
45-55	500'

GENERAL NOTES

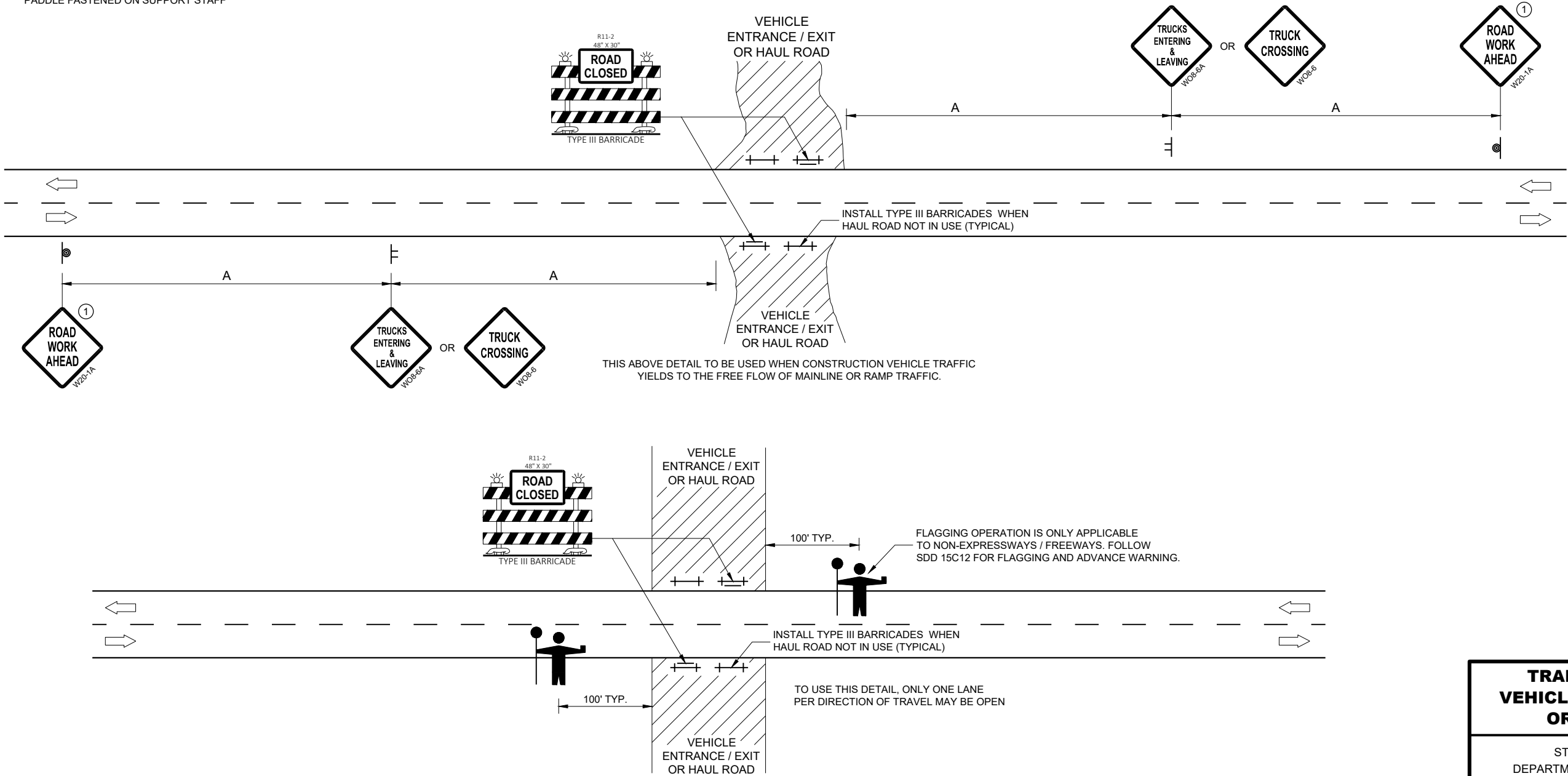
- ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.
- "WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- WARNING SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.
- WHEN ACTIVITY REFLECTED BY THE SIGN IS NOT CURRENTLY TAKING PLACE, THE HIGHWAY SHALL BE RESTORED TO NORMAL CONDITION AND THE SIGNS SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC.
- WHEN A SIDE ROAD OR RAMP INTERSECTS WITHIN THE ADVANCE SIGNING AREA, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND / OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.
- PLACE SIGNS ON BOTH SIDES IF USED ON DIVIDED HIGHWAY.
- ① THESE SIGNS ARE TO BE USED ONLY WHEN VEHICLE ENTRANCE / EXIT CONDITIONS ARE SEPARATED BY MORE THAN TWO MILES FROM PREVIOUS WORK AREA OR SIGNING OR AS DIRECTED BY THE ENGINEER.

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SDD 15D29 - 06

SDD 15D29 - 06



THIS DETAIL TO BE USED WHEN CONSTRUCTION WORK INCLUDING TRUCKING ACTIVITY REQUIRES MAINLINE TRAFFIC TO BE TEMPORARILY STOPPED IN ONE OR BOTH DIRECTIONS. DELAY TO HIGHWAY TRAFFIC SHALL BE MINIMIZED.

TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA