

WHITE LAKE TOWNSHIP TOWNSHIP BOARD

REPORT OF THE COMMUNITY DEVELOPMENT DEPARTMENT

TO: Township Board

FROM: Justin Quagliata, Staff Planner

DATE: February 12, 2024

RE: Discussion – Stanley Park Phase 1 Bids and Alternates

In January four bids were received for the Stanley Park Phase 1 improvements project. For reference, the project plans are attached. The base bids for the project range from \$1,717,725 to \$2,879,240 and including the bid alternates (five items) the prices range from \$2,038,825 to \$4,106,228.26. STE Construction is the low bidder when tabulating the base bid and when tabulating the base bid and all five bid alternates, which include:

- Alternate 1 – road paving (full road)
- Alternate 2 – additional parking
- Alternate 3 – timber traffic control bollards (along the park road)
- Alternate 4 – additional exercise station
- Alternate 5 – sidewalk connection to Elizabeth Lake Road and Civic Center

Alternate 3 and Alternate 5 must be awarded as part of this contract or otherwise completed for fulfilment of the project scope required by the Land and Water Conservation Fund (LWCF) grant. If installation of the required alternates is not self-performed by the Township or awarded as part of this contract, the Michigan Department of Natural Resources (MDNR) requires a separate bid and award process be undertaken for those items.

Due to the grant received for the project, the MDNR must approve award of the contract prior to the Township Board awarding the contract. Staff is seeking direction on what combination of bid alternates will be selected for inclusion in the project scope. Once determined, approval to award the contract will be requested from the MDNR. It is anticipated MDNR approval will be received in time for the Township Board to award the contract at its March 19, 2024 meeting.

Attachments

1. Stanley Park Phase 1 Bid Tabulation dated January 30, 2024.
2. Stanley Park Phase 1 plans.

Bid Tabulation
Stanley Park Improvements
 White Lake Township



January 30, 2024

Prepared by:
 Beckett & Raeder, Inc.

	APPARENT LOW BIDDER			
	BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4
DESCRIPTION	STE Construction	TSP ENVIRONMENTAL	SUMMIT COMPANY	BRENICAL CONTRACTORS
BASE BID				
Base Bid	\$1,717,725.00	\$2,879,240.00	\$2,199,900.00	\$1,820,000.00
	\$1,717,725.00	\$2,879,240.00	\$2,199,900.00	\$1,820,000.00
BID ALTERNATES				
Alternate #1 - Road Paving	\$191,500.00	\$566,268.45	\$135,000.00	\$132,396.00
Alternate #2 - Parking	\$15,000.00	\$145,192.74	\$46,000.00	\$28,050.00
Alternate #3 - Timber Bollards	\$27,850.00	\$235,639.37	\$60,000.00	\$33,774.00
Alternate #4 - Exercise Station	\$31,900.00	\$119,976.71	\$22,000.00	\$14,912.00
Alternate #5 - Sidewalk	\$54,850.00	\$159,910.99	\$95,000.00	\$55,398.00
	\$321,100.00	\$1,226,988.26	\$358,000.00	\$264,530.00
VOLUNTARY ALTERNATES				
Alternate	None	None	Remove excess topsoil at no cost	None
Alternate	-	-	Township waive all permit fees (\$20,000)	-
Alternate	-	-	-	-
Alternate	-	-	-	-
Alternate	-	-	-	-
	\$0.00	\$0.00	(\$20,000)	\$0.00
BID COMPLETENESS				
SEALED ENVELOPE	Yes	Yes	Yes	Yes
DATE/TIME RECEIVED	1/30/24 11:30am	1/30/24 11:32am	1/30/24 1:50pm	1/30/24 1:52pm
ADDENDUM #1 ACKNOWLEDGED	Yes	Yes	Yes	Yes
BID GUARANTEE	Yes	Yes	Yes	Yes
SUBCONTRACTOR LIST	Yes	Yes	NO	Yes
INFORMATIONAL UNIT PRICES	Yes	Yes	Yes	Partial
BIDDER CERTIFICATIONS	Yes	Yes	Yes	Yes
BID SIGNED AND NOTORIZED	Yes	Yes	Yes	Yes
BID EXCEPTIONS				
Exception	None	None	Exclude undercut	None
Exception			Excavator is K&K	
Exception			Remove excess topsoil at no cost	
Exception			Allowance for testing/survey	
Exception			No contingency fund	



SPECIFICATIONS
for
BIDDING

STANLEY PARK
IMPROVEMENTS

10785 Elizabeth Lake Rd
White Lake
Charter Township

in cooperation with
Michigan Department of
Natural Resources

with funding provided by
The Land and Water
Conservation Fund

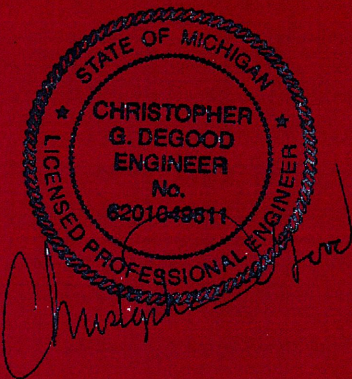
MDNR Project Number
26-01868

Documents Issued for:
Bidding
January 4, 2024

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734.663.2622 ph
734.663.6759 fx

www.bria2.com



B R i
Beckett & Raeder

DOCUMENT 00 1113 - ADVERTISEMENT FOR BIDS

1.1 White Lake Township Stanley Park Improvements

White Lake Township will **receive sealed bids for the construction of the Stanley Park Improvement Project at the White Lake Township Hall, care of the Township Clerk's Office, 7525 Highland Road, White Lake, MI 48383 until 2:00 p.m., local time, Tuesday, January 30, 2024.** At that time, the bids will be publicly opened and read aloud. Faxed, late or unsealed bids will be rejected.

The work includes, but is not limited to, site preparation, soil erosion/sedimentation control, miscellaneous demolition, clearing and grubbing, earthwork, bituminous road and pathways, gravel road, concrete sidewalk, modular boardwalk, floating pier and gangway, regulatory and interpretive signage, site furnishings, and native landscaping.

The Landscape Architect/Engineer for the project is Beckett & Raeder, Inc. Contact person is Brian D. Barrick, PLA, ASLA, who can be reached at 734.663.2622 or at bbarrick@bria2.com. Direct questions concerning the bidding documents should be addressed to this contact person.

Bidding documents may be downloaded electronically from the Michigan Inter-governmental Trade Network (MITN) Bidnet Direct Michigan website (www.bidnetdirect.com) beginning **Thursday, January 4, 2024**. Bidding documents will also be on file for examination at the office of the Landscape Architect / Engineer located at 535 W. William St., Ann Arbor, MI 48103; and the White Lake Township Community Development Department located in the Township Hall at 7525 Highland Road, White Lake, MI 48383.

A mandatory pre-bid meeting, conducted by the Landscape Architect/Engineer, will be held on **Tuesday, January 16, 2024** at 2:00 PM EDT at Stanley Park, 10785 Elizabeth Lake Road, White Lake, MI 48386. The park is located on the west side of Elizabeth Lake Road, opposite "The Neighborhoods of White Lake" retirement community, and is marked by a large temporary park sign. The pre-bid meeting is for dissemination of information and clarification of intent of Bid Documents. Attendance is mandatory for interested bidders. In addition to the mandatory pre-bid meeting, bidders may make supplemental visits to the site as desired during daylight hours.

Proposals shall be submitted on the Bid Form (provided in the Specifications) and shall be accompanied by required certifications, and a Bid Bond or Certified Check in the amount of 5% of the Base Bid. The accepted bidder will be required to furnish a satisfactory Performance Bond and a Labor and Materials Payment Bond in the amount of 100% of the Contract Sum, and a Guarantee Bond in the amount of 100% of the Contract Sum for a period of one year.

Notice of Award is anticipated on or about **Wednesday, February 21, 2024**. Accordingly, construction is anticipated to commence **Monday, April 15, 2024**, with completion by **Friday, October 15, 2024**.

Firms desiring to bid shall be able to document at least five years successful experience on projects similar in both type and scope/scale as this project with references available to attest to successful completion of similar work; be licensed as required by state or local law; and maintain required insurance including general liability and worker's compensation.

No Proposal may be withdrawn for at least sixty (60) consecutive calendar days after the official bid opening. The Township reserves the right to accept any bid, to reject any or all bids, to waive any irregularities and/or informalities in any bid, and to make the award in the manner deemed in the best interest of the Township. Only bids submitted in accordance with the specifications will be considered.

The Stanley Park Improvement Project is a Land and Water Conservation Fund Grant project. As such, Federal and State funds are being used to assist in construction and relevant Federal and State requirements will apply. Contractor and all subcontractors must comply with all requirements of 1976 PA 453 (Elliott-Larsen Civil Rights Act), the 1976 PA 220 (Persons with Disabilities Civil Rights Act), and Executive Directive 2019-09, as amended. In accordance with these laws, all contracts must contain a covenant by the contractor and any subcontractors not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, or a disability or genetic information that is unrelated to the individual's ability to perform the duties of a particular job or position.

SECTION 00 4113 - BID FORM

1.1 BID INFORMATION

- A. Bidder: STE Construction Services, Inc.
1. Address: 2 Crocker Blvd., Suite 303 MT. Clemens, MI 48043
 2. Contact Person: Frank Richter
 3. Address: 2 Crocker Blvd., Suite 303 MT. Clemens, MI 48043
 4. Telephone: 586-468-1135
 5. Email: frankrichter@sbcglobal.net
- B. Project Name: Stanley Park Improvements.
- C. Project Location: 10785 Elizabeth Lake Road, White Lake, MI 48383.
- D. Project Grant Funding: Land and Water Conservation Fund, with MDNR Project Number 26-01868.
- E. Owner: White Lake Charter Township
7525 Highland Road
White Lake, MI 48383
- F. Owner's Consultant: Beckett & Raeder, Inc.
535 W. William Street, Suite 101
Ann Arbor, MI 48103

1.2 ACKNOWLEDGEMENT OF ADDENDA

- A. Bidder acknowledges receipt of the following Addenda and has fully included all Addenda content in preparation of its bid.
1. Addenda No.: (1) 01/25/2024
 2. Addenda No.: _____
 3. Addenda No.: _____
 4. Addenda No.: _____
 5. Addenda No.: _____
 6. Addenda No.: _____

1.3 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work prior to **Friday, October 15, 2024**.

1.4 CERTIFICATIONS AND BASE BID

- A. **Base Bid:** The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

One Million Seven Hundred Seventeen Thousand Seven Hundred Twenty-Five Dollars (\$ 1,717,725.00).

1.5 ALTERNATES

- A. **Alternate 1:** Road Paving. Provide and construct "Bituminous Pavement – Heavy Duty" for roadway and parking areas indicated as base bid "Gravel Drive". Portions of roadway included in Alternate 1 paving will be edged with 2' width gravel shoulder in lieu of concrete curb and gutter. Refer to Drawings for additional information.

One Hundred Ninety-One Thousand Five Hundred
Add/Deduct _____ Dollars (\$ 191,500.00).

- B. **Alternate 2:** Parking. Provide and construct two (2) additional 9-space parking areas in the central portion of the park. Alternate also includes related grading, sidewalks, pathways, and signage associated with the parking areas. Refer to Drawings for additional information.

Add/Deduct Fifteen Thousand _____ Dollars (\$ 15,00.00).

- C. **Alternate 3:** Timber Bollards. Provide and construct timber traffic control bollards at roadway shoulders. Refer to Drawings for additional information.

Add/Deduct Twenty-Seven Thousand Eight Hundred Fifty _____ Dollars (\$ 27,850.00).

- D. **Alternate 4:** Exercise Station. Provide and construct Exercise Station 'B' in the central area of the park, including associated grading, timber edge, and safety surfacing. Refer to Drawings for additional information.

Add/Deduct Thiry-One Thousand Nine Hundred _____ Dollars (\$ 31,900.00).

- E. **Alternate 5:** Sidewalk. Provide and construct sidewalk as indicated on Drawings, north and west of remnant block building, including associated grading and restoration. Refer to Drawings for additional information.

Add/Deduct Fifty-Four THousand Eight Hundred Fifty _____ Dollars (\$ 54,850.00).

1.6 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cashier's check or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. Eighty Five Thousand Eight Hundred Eighty-six and Twenty -Five Cents Dollars (\$ 85,886.25).

1.7 LIST OF SUBCONTRACTORS

A. The following companies shall execute subcontracts for the portions of the Work indicated. If none, indicate NONE on the first line.

1. Scope: Concrete-Curbs.
 - a. Firm: Goretski Construction Compant, Inc.
 - b. Contact Person & Phone: Kyle Goretski (248)-685-1404
2. Scope: Asphalt.
 - a. Firm: Peak Asphalt
 - b. Contact Person & Phone: Kip Peak (586) 254-4567
3. Scope: Capentry.
 - a. Firm: Robinson Construction
 - b. Contact Person & Phone: Eric Robinson (313) 220-2292
4. Scope: Landscaping.
 - a. Firm: Natural Community Services
 - b. Contact Person & Phone: John Delisle (248) 513-1909
5. Scope: Floating Dock System.
 - a. Firm: Flotation Docking Systems, Inc.
 - b. Contact Person & Phone: Joni Burger (906) 484-3422
6. Scope: Boardwalk.
 - a. Firm: Wickcraft Boardwalks
 - b. Contact Person & Phone: (608) 244-9177
7. Scope: Concrete-Flatwork.
 - a. Firm: Paradigm Concrete
 - b. Contact Person & Phone: Joseph Tagalvia (586)-778-2400
8. Scope: _____.
 - a. Firm: _____
 - b. Contact Person & Phone: _____
9. Attach supplementary list to bid submittal if additional subcontractors are required.

1.8 LIST OF EXCEPTIONS

A. Contractor shall clearly list all exceptions made in preparation of this bid to requirements of the bid documents, Drawings and Specifications. If none, indicate NONE on the first line.

1. Exception: None

2. Exception: _____

3. Exception: _____

4. Exception: _____

5. Exception: _____

6. Exception: _____

7. Exception: _____

8. Exception: _____

9. Exception: _____

10. Exception: _____

11. Exception: _____

12. Exception: _____

13. Attach supplementary list to bid submittal if additional exceptions have been made.

1.9 INFORMATIONAL UNIT PRICES

A. Contractor shall submit installed unit prices for items of work stated below. Prices shall include all base material required for the installation of the item. The Owner reserves the right to increase or decrease the base proposal sum by up to thirty percent (30%) on the basis of the unit prices stated. The Owner reserves the right to negotiate with the Bidder on any or all unit prices listed in this Bid Form. Unit prices given shall include all profit and overhead. Contractor "mark-up" will not be paid in addition to the prices given below.

DESCRIPTION	UNIT	UNIT COST
DEMOLITION		
Clearing and Grubbing Trees	ac	<u>\$5,000.00</u>
Tree Removal (1-6" cal.)	ea	<u>\$200.00</u>
Tree Removal (7-12" cal.)	ea	<u>\$400.00</u>
Tree Removal (13-18" cal.)	ea	<u>\$800.00</u>
Tree Removal (19-24" cal.)	ea	<u>\$800.00</u>
Tree Removal (over 24" cal.)	ea	<u>\$1,200.00</u>
SOIL EROSION AND SEDIMENTATION CONTROL		
Stabilized Construction Access	ls	<u>\$2,000.00</u>
Turbidity Curtain	lf	<u>\$20.00</u>
Tree Protection Fence	lf	<u>\$1.00</u>
Filter Fabric Fence	lf	<u>\$3.00</u>
Permanent Erosion Control Mat	sf	<u>\$1.25</u>
EARTHWORK		
Strip and Stockpile Topsoil	cy	<u>\$7.50</u>
Cut & Fill	cy	<u>\$13.50</u>
Class II Sand	cy	<u>\$17.00</u>
Undercut and Backfill with Class II Sand	cy	<u>\$35.00</u>
Aggregate Base (MDOT 21AA)	cy	<u>\$45.00</u>
Screen, Respread Topsoil	cy	<u>\$15.00</u>
Fine Grade to Subgrade Elevation	sy	<u>\$5.00</u>
Haul Material offsite and legally dispose	cy	<u>\$17.50</u>
PAVING		
Vehicular Gravel Parking Drive 8"	sy	<u>\$20.00</u>
Vehicular Concrete Pavement 8"	sf	<u>\$10.00</u>
Concrete Curb & Gutter	lf	<u>\$24.50</u>
Concrete Sidewalk 5"	sf	<u>\$8.50</u>
Bituminous Pathway 8' Width	lf	<u>\$30.00</u>
Bituminous Pathway 14' Width	lf	<u>\$50.00</u>
RECREATION AND SITE FURNISHINGS		
Overlook Pier (including pier, gangway & headwall)	ls	<u>\$106,725.00</u>
Boardwalk (excluding headwalls)	lf	<u>\$285.00</u>
Concrete Boardwalk Headwall	ea	<u>\$7,500.00</u>

Timber Bollard	ea	<u>\$230.00</u>
Timber Removable Bollard	ea	<u>\$650.00</u>
Regulatory Sign	ea	<u>\$200.00</u>
Interpretive Sign	ea	<u>\$3,500.00</u>
Bench – In-ground Mount	ea	<u>\$1,000.00</u>
UTILITIES		
4' Dia. Storm Sewer Structure	ea	<u>\$2,300.00</u>
12" RCP Storm Pipe	lf	<u>\$13.00</u>
36" Diameter Wildlife Culvert	lf	<u>\$90.00</u>
Stormwater Outlet Structure	ea	<u>\$4,000.00</u>
Stone Check Dam	ea	<u>\$500.00</u>
LANDSCAPE AND SEEDING		
Lawn Seeding	sy	<u>\$1.50</u>
Stormwater Basin & Roadway Edge Native Seeding	sy	<u>\$2.00</u>
Acer rubrum, 2.5" B&B	ea	<u>\$575.00</u>
Acer saccharum, 2.5" B&B	ea	<u>\$575.00</u>
Quercus alba, 2.5" B&B	ea	<u>\$575.00</u>
Quercus rubra, 2.5" B&B	ea	<u>\$575.00</u>

1.10 VOLUNTARY ALTERNATES

The Bidder may offer self-identified opportunities for cost savings or added value. If none, indicate NONE on the first line.

A. **Voluntary Alternate A:** None

Add/Deduct _____ Dollars (\$_____).

B. **Voluntary Alternate B:** _____

Add/Deduct _____ Dollars (\$_____).

C. **Voluntary Alternate C:** _____

Add/Deduct _____ Dollars (\$_____).

D. **Voluntary Alternate D:** _____

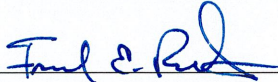
Add/Deduct _____ Dollars (\$_____).

E. Attach supplementary list to bid submittal if additional voluntary alternates are available.

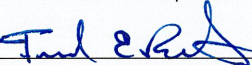
1.11 BIDDER CERTIFICATIONS

By signature and submittal of this bid form, the undersigned hereby certifies work of Contract will be conducted in full compliance with the following requirements:

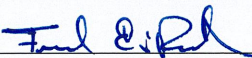
- A. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all **Land and Water Conservation Fund grant program and agency requirements**, including assisting Owner with grant reporting and reimbursement requirements. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

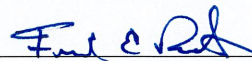
- B. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **1976 PA 453 (Elliott-Larsen Civil Rights Act), the 1976 PA 220 (Persons with Disabilities Civil Rights Act), and Executive Directive 2019-09, as amended**. In accordance with these laws, all contracts must contain a covenant by the contractor and any subcontractors not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, or a disability or genetic information that is unrelated to the individual's ability to perform the duties of a particular job or position.

1. Authorized Signature:  (Handwritten signature).

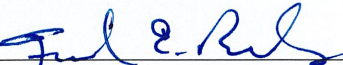
- C. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **Build America, Buy America requirements, as required by Section 70914 of the Bipartisan Infrastructure Law**. In accordance with with these laws, all iron and steel, manufactured products, and construction materials provided for the project must have content greater than 55 percent (total cost of the component) mined, produced, and manufactured in the United States. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- D. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **United States Fish and Wildlife Service (USFWS) Ecological Services Program Biological Opinion**, including training and procedures related to the Eastern Massasauga Rattlesnake. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- E. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with construction of the project for accessibility compliance as required in the project Drawings and Specification, including requirements of the **Americans with Disabilities Act (ADA) of 2010, as amended** and the **2013 Access Board's Final Guidelines for Outdoor Developed Areas (ODA)**. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- F. The undersigned Bidder hereby certifies that it, and all subcontractors, are not "Iran-linked businesses" as defined by the **Michigan "Iran Economic Sanctions Act", Act 517, Public Acts of 2012 ("Act 517")**.

1. Authorized Signature:  (Handwritten signature).

G. The undersigned Bidder hereby certifies that it, and all subcontractors, are not currently under debarment, suspension, legal sanctions, written warnings or reprimands, or contract termination by any Federal, State, or local agency.

1. Authorized Signature: [Handwritten Signature] (Handwritten signature).

H. The undersigned Bidder hereby certifies that it is a duly licensed contractor, for the type of work proposed, within the required jurisdictions, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1. Authorized Signature: [Handwritten Signature] (Handwritten signature).

I. The undersigned Bidder hereby certifies that it will provide all instrumental surveying required to layout and construct the work. Surveying will be by a Michigan Licensed Land Surveyor.

1. Authorized Signature: [Handwritten Signature] (Handwritten signature).

1.12 CERTIFICATION OF BID

The undersigned affirms that neither he/she nor agents, officers or employees of the Bidder submitting this lump sum bid have directly or indirectly entered into any agreements, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with the bid for this project.

The undersigned agrees that if this lump sum proposal is accepted by the Owner, Bidder will enter into the Contract, furnishing all bonds and other contract requirements and commence construction, within 10 business days of the Notice of Award/Notice to Proceed, and will complete the entire Work of the Contract within the given schedule and the provisions of the project specifications.

Respectfully submitted this 29 day of January, 2024.

Submitted By: STE Construction Services, Inc. (Name of bidding firm or corporation).

Authorized Signature: [Handwritten Signature] (Handwritten signature).

Signed By: Frank Richter (Type or print name).

Title: Agent (Owner/Partner/President/Vice President).

Street Address: 2 Crocker Blvd., Suite 303

City, State, Zip: Mount Clemens, MI 48043

Phone: 586-468-1135

Witness Signature: [Handwritten Signature] (Notary Public signature).

Witness By: Tracie Szczepanek (Type or print name).

Notary Public Commission No.: May 28, 2029

Notary Public Seal:



TRACIE SZCZEPANEK
My Commission Expires
May 28, 2029
County of Macomb
Acting in the County of Macomb

END OF DOCUMENT 00 4113



AIA Document A310™ – 2010

Bid Bond

CONTRACTOR:

Name, legal status and address)

STE Construction Services, Inc.

2 Crocker Blvd

Mt. Clemens, MI 48043

SURETY:

(Name, legal status and principal place of business)

Pennsylvania Insurance Company

P.O. Box 3646

Omaha, NE 68103-0646

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

White Lake Charter Township

BOND AMOUNT: Five Percent of Bid (5% of Bid)

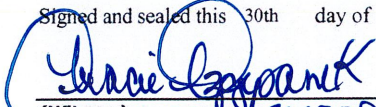
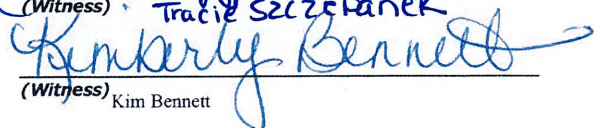
PROJECT: White Lake Charter Township- Stanley Park Improvements (MDNR) Project No. 26-01868 / Construction of Site Parking, Roadway, Trail
(Name, location or address, and Project number, if any)

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, **or** within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 30th day of January, 2024


Tracie SZCZEPANEK
(Witness)

Kimberly Bennett
(Witness) Kim Bennett

STE Construction Services, Inc.
 *(Seal)*
(Principal)
Frank Richter, agent
(Title)
Pennsylvania Insurance Company
 *(Seal)*
(Surety)
(Title) John T. Foster, *Attorney-in-Fact*

POWER OF ATTORNEY NO.

KNOW ALL MEN BY THESE PRESENTS: That the California Insurance Company, duly organized and existing under the laws of the State of California and having its principal office in the County of San Mateo, California, and Continental Indemnity Company, Illinois Insurance Company and Pennsylvania Insurance Company, corporations duly organized and existing under the laws of the State of New Mexico and having their principal office in the County of Santa Fe, New Mexico does hereby nominate, constitute and appoint:

John T. Foster, James Slear, Ian T. Foster, Connor McDowell

Its true and lawful agent and attorney-in-fact, to make, execute, seal and deliver for and on its behalf as surety, and its act and deed any and all bonds, contracts, agreements of indemnity and other undertakings in suretyship (NOT INCLUDING bonds without a fixed penalty or financial guarantee) provided, however, that the penal sum of any one such instrument executed hereunder shall not exceed the sum of:

"Unlimited"

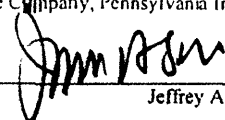
This Power of Attorney is granted and is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of California Insurance Company, Continental Indemnity Company, Illinois Insurance Company and Pennsylvania Insurance Company.

"RESOLVED, That the President, Senior Vice President, Vice President, Assisted Vice President, Secretary, Treasurer and each of them hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer or attorney of the Company, qualifying the attorney or attorneys named in given power of attorney, to execute in behalf of, and acknowledge as the act and deed of the California Insurance Company, Continental Indemnity Company, Illinois Insurance Company and Pennsylvania Insurance Company, all bond undertakings and contracts of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, California Insurance Company, Continental Indemnity Company, Illinois Insurance Company and Pennsylvania Insurance Company, has caused its official seal to be hereunto affixed and these presents to be signed by its duly authorized officer the 16th day of August 2023.

California Insurance Company, Continental Indemnity Company, Illinois Insurance Company, Pennsylvania Insurance Company

By _____

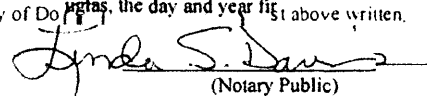
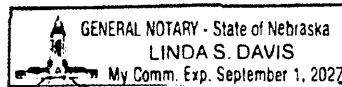


Jeffrey A. Silver, Secretary

STATE OF NEBRASKA
COUNTY OF DOUGLAS SS:

On this 16th day of August A.D. 2023, before me a Notary Public of the State of Nebraska, in and for the County of Douglas, duly commissioned and qualified, came THE ABOVE OFFICER OF THE COMPANY, to me personally known to be the individual and officer described in, and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposed and said that he is the officer of the said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority and direction of the said corporation, and that Resolution adopted by the Board of Directors of said Company, referred to in the preceding instrument is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed my Official Seal at the County of Douglas, the day and year first above written.


(Notary Public)

I, the undersigned Officer of the California Insurance Company, a California Corporation of Foster City, California, Continental Indemnity Company, Illinois Insurance Company and Pennsylvania Insurance Company, New Mexico Corporations of Santa Fe, New Mexico, do hereby certify that the original POWER OF ATTORNEY of which the foregoing is full, true and correct copy is still in full force and effect and has not been revoked.

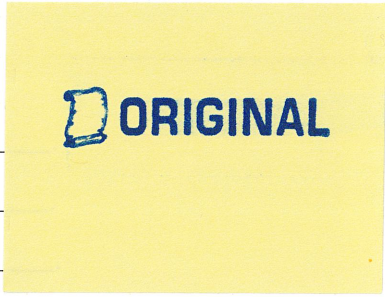
IN WITNESS WHEREOF, I have hereunto set my hand, and affixed the Seal of said Company, on the 30th day of January, 2024

Jeffrey A. Silver, Secretary

SECTION 00 4113 - BID FORM

1.1 BID INFORMATION

- A. Bidder: TSP Services, Inc.
1. Address: 25000 Capitol, Redford, MI 48239
2. Contact Person: Charles Spencer
3. Address: 25000 Capitol, Redford, MI 48239
4. Telephone: 734-838-0426
5. Email: cspencer@tspenvironmental.com
- B. Project Name: Stanley Park Improvements.
- C. Project Location: 10785 Elizabeth Lake Road, White Lake, MI 48383.
- D. Project Grant Funding: Land and Water Conservation Fund, with MDNR Project Number 26-01868.
- E. Owner: White Lake Charter Township
7525 Highland Road
White Lake, MI 48383
- F. Owner's Consultant: Beckett & Raeder, Inc.
535 W. William Street, Suite 101
Ann Arbor, MI 48103



1.2 ACKNOWLEDGEMENT OF ADDENDA

- A. Bidder acknowledges receipt of the following Addenda and has fully included all Addenda content in preparation of its bid.
1. Addenda No.: 1
2. Addenda No.: _____
3. Addenda No.: _____
4. Addenda No.: _____
5. Addenda No.: _____
6. Addenda No.: _____

1.3 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work prior to **Friday, October 15, 2024**.

1.4 CERTIFICATIONS AND BASE BID

- A. **Base Bid:** The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

Two Million, Eight Hundred Seventy Nine Thousand,
Two Hundred Forty Dollars (\$ 2,879,240.00).

1.5 ALTERNATES

- A. **Alternate 1:** Road Paving. Provide and construct "Bituminous Pavement – Heavy Duty" for roadway and parking areas indicated as base bid "Gravel Drive". Portions of roadway included in Alternate 1 paving will be edged with 2' width gravel shoulder in lieu of concrete curb and gutter. Refer to Drawings for additional information.

Five Hundred Sixty Six Thousand, Two Hundred
Sixty Eight Dollars & Forty Five Cents Dollars (\$ 566,268.45).

- B. **Alternate 2:** Parking. Provide and construct two (2) additional 9-space parking areas in the central portion of the park. Alternate also includes related grading, sidewalks, pathways, and signage associated with the parking areas. Refer to Drawings for additional information.

One Hundred Forty Five Thousand, One Hundred
Ninety Two Dollars & Seventy Four Cents Dollars (\$ 145,192.74).

- C. **Alternate 3:** Timber Bollards. Provide and construct timber traffic control bollards at roadway shoulders. Refer to Drawings for additional information.

Two Hundred Thirty Five Thousand, Six Hundred
Thirty Nine Dollars & Thirty Seven Cents Dollars (\$ 235,639.37).

- D. **Alternate 4:** Exercise Station. Provide and construct Exercise Station 'B' in the central area of the park, including associated grading, timber edge, and safety surfacing. Refer to Drawings for additional information.

One Hundred Nineteen Thousand, Nine Hundred
Seventy Six Dollars & Seventy One Cents Dollars (\$ 119,976.71).

- E. **Alternate 5:** Sidewalk. Provide and construct sidewalk as indicated on Drawings, north and west of remnant block building, including associated grading and restoration. Refer to Drawings for additional information.

One Hundred Fifty Nine Thousand, Nine Hundred
Ten Dollars & Ninety Nine Cents Dollars (\$ 159,910.99).

1.6 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cashier's check or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

Two Million, Eight Hundred Seventy Nine Thousand,
Two Hundred Forty Dollars (\$ 2,879,240.00).

1.7 LIST OF SUBCONTRACTORS PLEASE SEE ATTACHED LIST OF SUBCONTRACTORS

A. The following companies shall execute subcontracts for the portions of the Work indicated. If none, indicate NONE on the first line.

1. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
2. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
3. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
4. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
5. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
6. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
7. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
8. Scope: _____
 - a. Firm: _____
 - b. Contact Person & Phone: _____
9. Attach supplementary list to bid submittal if additional subcontractors are required.

LIST OF SUBCONTRACTORS

Scope	Company	Contact Person	Phone
Construction Staking/Surveying	Alpine Engineering	John Heikkinen	248-926-3701
Tree Removal	C Green's Tree Service	Chris Green	248-249-0052
Concrete	GM and Sons	Mark Campbell	248-956-7939
Parking Bumber Blocks	NuCast	Brittany Rivera	313-532-4610
Asphalt	HG Sartor	Adam Hall	248-736-9510
Native Plantings and Trees	Todd's Landscape	Patrick Duffy	810-533-8799
Lawn Seed Install and Maintenance	Davey Resource Group	Gerritt Moeke	231-675-7549
Gangway/Pier/Dock System	Floating Dock	Joni Burger	906-484-3422
Park Gate Installation	Future Fence	Leah Hawthorne	586-825-9142
Asphalt and Concrete Striping	Motor City Marking	Bill Atwood	313-831-6648
Modular Pedestrian Boardwalk System	Wickcraft	N/A	608-244-9177

TSP has no exceptions

1.8 LIST OF EXCEPTIONS

A. Contractor shall clearly list all exceptions made in preparation of this bid to requirements of the bid documents, Drawings and Specifications. If none, indicate NONE on the first line.

1. Exception: _____
_____.

2. Exception: _____
_____.

3. Exception: _____
_____.

4. Exception: _____
_____.

5. Exception: _____
_____.

6. Exception: _____
_____.

7. Exception: _____
_____.

8. Exception: _____
_____.

9. Exception: _____
_____.

10. Exception: _____
_____.

11. Exception: _____
_____.

12. Exception: _____
_____.

13. Attach supplementary list to bid submittal if additional exceptions have been made.

1.9 INFORMATIONAL UNIT PRICES

- A. Contractor shall submit installed unit prices for items of work stated below. Prices shall include all base material required for the installation of the item. The Owner reserves the right to increase or decrease the base proposal sum by up to thirty percent (30%) on the basis of the unit prices stated. The Owner reserves the right to negotiate with the Bidder on any or all unit prices listed in this Bid Form. Unit prices given shall include all profit and overhead. Contractor "mark-up" will not be paid in addition to the prices given below.

DESCRIPTION	UNIT	UNIT COST
DEMOLITION		
Clearing and Grubbing Trees	ac	<u>15,000.00</u>
Tree Removal (1-6" cal.)	ea	<u>800.00</u>
Tree Removal (7-12" cal.)	ea	<u>1,500.00</u>
Tree Removal (13-18" cal.)	ea	<u>2,500.00</u>
Tree Removal (19-24" cal.)	ea	<u>3,900.00</u>
Tree Removal (over 24" cal.)	ea	<u>4,150.00</u>
SOIL EROSION AND SEDIMENTATION CONTROL		
Stabilized Construction Access	ls	<u>1,790.00</u>
Turbidity Curtain	lf	<u>3.00</u>
Tree Protection Fence	lf	<u>2.50</u>
Filter Fabric Fence	lf	<u>2.20</u>
Permanent Erosion Control Mat	sf	<u>1.15</u>
EARTHWORK		
Strip and Stockpile Topsoil	cy	<u>15.00</u>
Cut & Fill	cy	<u>18.00</u>
Class II Sand	cy	<u>60.00</u>
Undercut and Backfill with Class II Sand	cy	<u>75.50</u>
Aggregate Base (MDOT 21AA)	cy	<u>72.95</u>
Screen, Respread Topsoil	cy	<u>42.50</u>
Fine Grade to Subgrade Elevation	sy	<u>11.50</u>
Haul Material offsite and legally dispose	cy	<u>95.00</u>
PAVING		
Vehicular Gravel Parking Drive 8"	sy	<u>9.00</u>
Vehicular Concrete Pavement 8"	sf	<u>15.20</u>
Concrete Curb & Gutter	lf	<u>44.00</u>
Concrete Sidewalk 5"	sf	<u>11.00</u>
Bituminous Pathway 8' Width	lf	<u>49.20</u>
Bituminous Pathway 14' Width	lf	<u>86.00</u>
RECREATION AND SITE FURNISHINGS		
Overlook Pier (including pier, gangway & headwall)	ls	<u>146,720.00</u>
Boardwalk (excluding headwalls)	lf	<u>1,360.00</u>
Concrete Boardwalk Headwall	ea	<u>20,000.00</u>

Timber Bollard	ea	<u>1,600.00</u>
Timber Removable Bollard	ea	<u>1,450.00</u>
Regulatory Sign	ea	<u>1,900.00</u>
Interpretive Sign	ea	<u>2,200.00</u>
Bench – In-ground Mount	ea	<u>4,500.00</u>
 UTILITIES		
4' Dia. Storm Sewer Structure	ea	<u>6,750.00</u>
12" RCP Storm Pipe	lf	<u>375.00</u>
36" Diameter Wildlife Culvert	lf	<u>400.00</u>
Stormwater Outlet Structure	ea	<u>1,800.00</u>
Stone Check Dam	ea	<u>500.00</u>
 LANDSCAPE AND SEEDING		
Lawn Seeding	sy	<u>6.70</u>
Stormwater Basin & Roadway Edge Native Seeding	sy	<u>8.70</u>
Acer rubrum, 2.5" B&B	ea	<u>1,757.00</u>
Acer saccharum, 2.5" B&B	ea	<u>2,290.00</u>
Quercus alba, 2.5" B&B	ea	<u>2,043.00</u>
Quercus rubra, 2.5" B&B	ea	<u>2,043.00</u>

1.10 VOLUNTARY ALTERNATES

The Bidder may offer self-identified opportunities for cost savings or added value. If none, indicate NONE on the first line.

A. **Voluntary Alternate A:** NONE

Add/Deduct _____ Dollars (\$ _____).

B. **Voluntary Alternate B:** _____

Add/Deduct _____ Dollars (\$ _____).

C. **Voluntary Alternate C:** _____

Add/Deduct _____ Dollars (\$ _____).

D. **Voluntary Alternate D:** _____


Add/Deduct _____ Dollars (\$ _____).

E. Attach supplementary list to bid submittal if additional voluntary alternates are available.

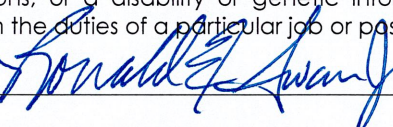
1.11 BIDDER CERTIFICATIONS

By signature and submittal of this bid form, the undersigned hereby certifies work of Contract will be conducted in full compliance with the following requirements:

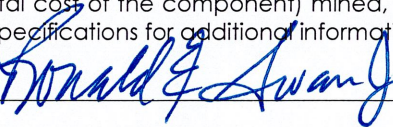
- A. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all **Land and Water Conservation Fund grant program and agency requirements**, including assisting Owner with grant reporting and reimbursement requirements. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

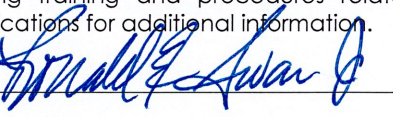
- B. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **1976 PA 453 (Elliott-Larsen Civil Rights Act), the 1976 PA 220 (Persons with Disabilities Civil Rights Act), and Executive Directive 2019-09, as amended**. In accordance with these laws, all contracts must contain a covenant by the contractor and any subcontractors not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, or a disability or genetic information that is unrelated to the individual's ability to perform the duties of a particular job or position.

1. Authorized Signature:  (Handwritten signature).

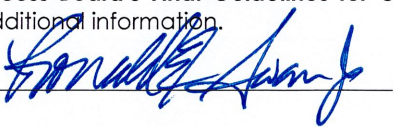
- C. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **Build America, Buy America requirements, as required by Section 70914 of the Bipartisan Infrastructure Law**. In accordance with these laws, all iron and steel, manufactured products, and construction materials provided for the project must have content greater than 55 percent (total cost of the component) mined, produced, and manufactured in the United States. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

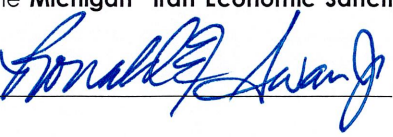
- D. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **United States Fish and Wildlife Service (USFWS) Ecological Services Program Biological Opinion**, including training and procedures related to the Eastern Massasauga Rattlesnake. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- E. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with construction of the project for accessibility compliance as required in the project Drawings and Specification, including requirements of the **Americans with Disabilities Act (ADA) of 2010, as amended** and the **2013 Access Board's Final Guidelines for Outdoor Developed Areas (ODA)**. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- F. The undersigned Bidder hereby certifies that it, and all subcontractors, are not "Iran-linked businesses" as defined by the **Michigan "Iran Economic Sanctions Act", Act 517, Public Acts of 2012 ("Act 517")**.

1. Authorized Signature:  (Handwritten signature).

G. The undersigned Bidder hereby certifies that it, and all subcontractors, are not currently under debarment, suspension, legal sanctions, written warnings or reprimands, or contract termination by any Federal, State, or local agency.

1. Authorized Signature: Ronald E. Swan, Jr. (Handwritten signature).

H. The undersigned Bidder hereby certifies that it is a duly licensed contractor, for the type of work proposed, within the required jurisdictions, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1. Authorized Signature: Ronald E. Swan, Jr. (Handwritten signature).

I. The undersigned Bidder hereby certifies that it will provide all instrumental surveying required to layout and construct the work. Surveying will be by a Michigan Licensed Land Surveyor.

1. Authorized Signature: Ronald E. Swan, Jr. (Handwritten signature).

1.12 CERTIFICATION OF BID

The undersigned affirms that neither he/she nor agents, officers or employees of the Bidder submitting this lump sum bid have directly or indirectly entered into any agreements, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with the bid for this project.

The undersigned agrees that if this lump sum proposal is accepted by the Owner, Bidder will enter into the Contract, furnishing all bonds and other contract requirements and commence construction, within 10 business days of the Notice of Award/Notice to Proceed, and will complete the entire Work of the Contract within the given schedule and the provisions of the project specifications.

Respectfully submitted this 30th day of January, 2024.

Submitted By: TSP Services Inc. (Name of bidding firm or corporation).

Authorized Signature: Ronald E. Swan, Jr. (Handwritten signature).

Signed By: Ronald E. Swan, Jr. (Type or print name).

Title: President (Owner/ Partner/ President/ Vice President).

Street Address: 25000 Capitol

City, State, Zip: Redford, MI 48239

Phone: 734-838-0426

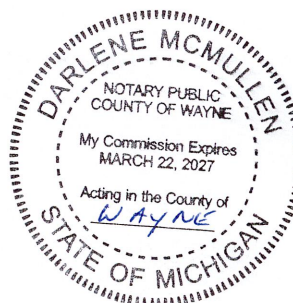
Witness Signature: Darlene McMullen (Notary Public signature).

Witness By: DARLENE Mc Mullen (Type or print name).

Notary Public Commission No.: 3/22/2027

Notary Public Seal:

END OF DOCUMENT 00 4113



Waterway Wetlands Construction

Project Name	Project Location	Completion Date	Contract Value	Project Owner	Contact
Ann Arbor Maintenance Facility Wetland Constuction	Ann Arbor, Michigan	11/30/2014	\$ 330,000.00	City of Ann Arbor	Nichole Woodward - 734-794-6627
Argo Cascades Design & Construction	Ann Arbor, Michigan	5/1/2013	\$ 1,200,000.00	City of Ann Arbor	Brian Steglitz - 734-794-6426 x43905
Bowersock Dam Repairs	Lawrence, Kansas	9/30/2020	\$ 1,657,739.00	City of Lawrence, KS	Matt Bond - 785-764-3634
Brook Run Wetland Mitigation	Macomb, Michigan	12/15/2014	\$ 43,668.00	State of Michigan	Fred Fuller - 810-966-0680
Chandler Park Marshlands Project	Detroit, Michigan	10/31/2019	\$ 1,172,709.00	Chandler Park Conservancy	Annette DeMaria - 313-963-6600
Clinton River Shoreline Restoration & Channel	Rochester Hills, Michigan	8/21/2021	\$ 285,000.00	Clinton River Watershed Council	Eric Diesing - 248-601-0606
Northville Township Fish Hatchery Park	Northville, Michigan	10/31/2018	\$ 134,000.00	City of Northville	Mark Gasche - 248-449-9941
Huron River Habitat Improvments	Ypsilanti, Michigan	7/15/2016	\$ 120,000.00	Huron River Watershed Council	Marty Boote - 734-769-3004 x 23008
Kansas River Weir	Topeka, Kansas	12/31/2021	\$ 5,283,537.00	City of Topeka, KS	Braxton Copley 785-368-2527
Kyte Monroe Park	St. Clair Shores	6/30/2017	\$ 435,666.00	City of St. Clair Shores	Alice Bailey - 734-730-8832
Lansing River Trail Repairs	Lansing, Michigan	9/30/2011	\$ 225,000.00	City of Lansing	Alec Malvetis - a.malveti@ci.lansing.mi.us
Maheras Gentry Park Design & Construction	Detroit, Michigan	8/20/2018	\$ 197,000.00	City of Detroit	Jeff Klein - jklein@detroitmi.gov
Scotia Park Drainage Improvements	Huntington Woods, Michigan	10/31/2017	\$ 229,175.00	City of Huntington Woods	Mary Gustafson - 248-541-3030
Siloam Springs Whitewater Park Construction	Siloam Springs, Arkansas	5/12/2014	\$ 1,419,000.00	City of Siloam Springs	Randy Atkinson - 479-524-5779
Siloam Springs Whitewater Park Restoration	Siloam Springs, Arkansas	10/3/2015	\$ 120,000.00	City of Siloam Springs	Shane Seagle - 303-545-5883
St Clair Metropark Stormwater Revision	Macomb County, Michigan	9/5/2019	\$ 149,875.00	Huron-Clinto Metropolitan Authority	Andrew Caulk - 810-623-3555
Troy Habitat Restoration	Troy, Michigan	10/31/2014	\$ 1,717,000.00	City of Troy	Steve VanDette - 785-985-2101
Wixom Habitat Stream Relocation & Restoration	Wixom, Michigan	2/3/2017	\$ 170,311.00	Ford Motor Company	Lee Best - 734-397-3100



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/21/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER VTC Insurance Group Troy Office 1175 W. Long Lake Ste. 200 Troy MI 48098-4960	CONTACT NAME: Kathleen Wasen PHONE (A/C, No, Ext): (248) 828-3377 E-MAIL ADDRESS: kwasen@vtcins.com	FAX (A/C, No): (248) 828-3741
	INSURER(S) AFFORDING COVERAGE	
INSURED TSP Services Inc., DBA: TSP Environmental 25000 Capitol Redford MI 48239	INSURER A: Nautilus Insurance Company	NAIC # 17370
	INSURER B: Great Divide Insurance Company	25224
	INSURER C: Hanover Insurance Co.	22292
	INSURER D:	
	INSURER E:	

COVERAGES **CERTIFICATE NUMBER:** 23/24 Master **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> X,C,U Included GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			ECP2023311-16	7/30/2023	7/30/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 200,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BAP2023312-16	7/30/2023	7/30/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Hired Physical Damage \$ 50,000
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			FFX2038195-11	7/30/2023	7/30/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WCA2023313-16 Ohio Stop Gap is Included	7/30/2023	7/30/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Leased & Rented Equipment			RHEJ479563	7/30/2023	7/30/2024	Limit Per Item \$250,000
C	Installation Floater			RHEJ479563	7/30/2023	7/30/2024	Limit \$200,000 Transit \$100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
All operations of the named insured.

CERTIFICATE HOLDER

CANCELLATION

****For Informational Purposes Only****	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Alan Chandler/KJW

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Additional Named Insureds

Other Named Insureds

Abby's Office, LLC	Limited Liability Company, Additional Named Insured
Tank Services, LLC	Limited Liability Company, Doing Business As
Technical Service Professionals, LLC	Limited Liability Company, Additional Named Insured
TSP Construction, LLC	Limited Liability Company, Additional Named Insured
TSP Environmental	Doing Business As

COMMENTS/REMARKS

A. Pollution Liability

Nautilus Insurance Company

Policy Number ECP2023311-16

Effective Date 7/30/2023

Expiration Date 7/30/2024

Limit: \$1,000,000 OCC/\$2,000,000 AGG/Ded \$5,000

Coverage includes Non-Owned Disposal
Sites, Mold & Transportation

A. Professional Liability

Nautilus Insurance Company

Policy Number ECP2023311-16

Effective Date 7/30/2023

Expiration Date 7/30/2024

Limit: \$1,000,000 OCC/\$2,000,000 AGG /Ded \$10,000

Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Residential Builders Section
P.O. Box 30254
Lansing, MI 48909

Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Company Builder License
Q.O. - Ronald Edward Swan

TSP SERVICES INC
25000 CAPITAL
REDFORD, MI 48239

License No:
2102200154

Expiration Date:
05/31/2026

TSP SERVICES INC
25000 CAPITAL
REDFORD, MI 48239

GRETCHEN WHITMER
Governor

**Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Company Builder License**

TSP SERVICES INC
25000 CAPITAL
REDFORD, MI 48239

**Qualifying Officer:
Ronald Edward Swan
Qualifying Officer #
2101073246**

MUST BE DISPLAYED IN A CONSPICUOUS PLACE

**License No.
2102200154**

**Expiration Date:
05/31/2026**

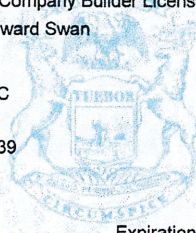
This document is duly
issued under the laws of the
State of Michigan

Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Residential Builders Section
P.O. Box 30254
Lansing, MI 48909

Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Company Builder License
Q.O. - Ronald Edward Swan

TSP SERVICES INC
25000 CAPITAL
REDFORD, MI 48239

License No: 2102200154 Expiration Date: 05/31/2026



TSP SERVICES INC
25000 CAPITAL
REDFORD, MI 48239

0590962

GRETCHEN WHITMER
Governor

**Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Company Builder License**

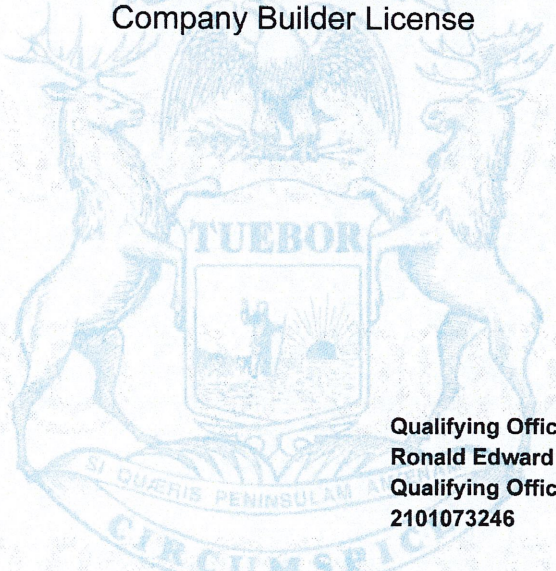
TSP SERVICES INC
25000 CAPITAL
REDFORD, MI 48239

**Qualifying Officer:
Ronald Edward Swan
Qualifying Officer #
2101073246**

MUST BE DISPLAYED IN A CONSPICUOUS PLACE

License No. 2102200154 Expiration Date: 05/31/2026

This document is duly issued under the laws of the State of Michigan



AIA[®] Document A310[™] – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

TSP Services, Inc.

25000 Capitol

Redford, MI 48239

OWNER:

(Name, legal status and address)

White Lake Township

7525 Highland Road

White Lake, MI 48383

BOND AMOUNT: Five Percent (5%) of Amount Bid

SURETY:

(Name, legal status and principal place of business)

Hudson Insurance Company

100 William Street, 5th Floor

New York, NY 10038

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

PROJECT:

(Name, location or address, and Project number, if any)

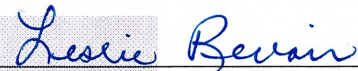
Stanley Park Improvements

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

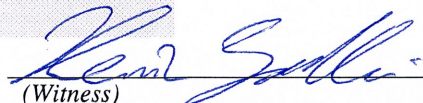
If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this **30th** day of **January, 2024**



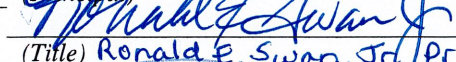
(Witness)



(Witness)

TSP Services, Inc.

(Principal)

 (Seal)

(Title) **Ronald E. Swan, Jr. President**

Hudson Insurance Company

(Surety)

 (Seal)

(Title)

Susan L Small, Attorney-in-Fact

Init.

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BID BOND POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

Alan P. Chandler, Robert Trobec, Jeffrey A. Chandler, Kathleen M. Irelan,

Ian J. Donald, Susan L. Small, John L. Budde, Krista L Pocket

of the state of Michigan

its true and lawful Attorney(s)-in-Fact, at New York City in the State of New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bid bonds for any and all purposes.

Such bid bonds, when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly authorized, on this 21st day of June, 20 23 at New York, New York.



Attest.....
Dina Daskalakis, Corporate Secretary

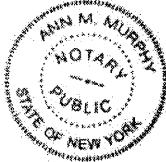
HUDSON INSURANCE COMPANY

By.....
Michael P. Cifone, Senior Vice President

STATE OF NEW YORK
COUNTY OF NEW YORK SS.

On the 21st day of June, 20 23 before me personally came Michael P. Cifone to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of HUDSON INSURANCE COMPANY, the Company described herein and which executed the above instrument, that he knows the seal of said Company, that the seal affixed to said instrument is the corporate seal of said Company, that it was so affixed by order of the Board of Directors of said Company, and that he signed his name thereto by like order.

(Notarial Seal)



.....
ANN M. MURPHY
Notary Public, State of New York
No. 01MU6067553
Qualified in Nassau County
Commission Expires December 10, 2025

CERTIFICATION

STATE OF NEW YORK
COUNTY OF NEW YORK SS.

The undersigned **Dina Daskalakis** hereby certifies:

THAT the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27th, 2007, and has not since been revoked, amended or modified:

“RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company’s surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company’s seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertaking made in the course of this Company’s surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOVLED, that the signature of any such Officer of the Company and the Company’s seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.”

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Company this 30th day of January, 2024.



By.....
Dina Daskalakis, Corporate Secretary

PROPOSAL

To: White Lake Charter Township
 7525 Highland Road
 White Lake, MI 48383

Project: Stanley Park Improvements

Location: 10785 Elizabeth Lake Rd.
 White Lake, MI 48386

Attn: Brian Barrick

Arch/Eng'r: Beckett & Raeder, Inc
 Arch/Eng'r Project No.: 2022024

We propose to provide the following described scope for the sum of..... **\$2,199,900.00**

Labor, materials, equipment and supervision to complete the Stanley Park Improvements per drawings and specifications dated 1/4/24 and addendum no. 1 dated 1/25/24.

Please Note:

- A) We exclude undercutting along pathways and roadway.
- B) Our main excavating site work subcontractor is K&K Excavating.
- C) The site work contractor agreed to remove the top soil from site at no cost to the owner.
- D) We included a allowance for testing and surveying
- E) We did not include a contingency fund.

Proposal price includes **ALLOWANCE(S)** for:

Permits (e.g. bldg., sewer, water, R.O.W., soil erosion) and related fees (e.g. inspection, tap, assessment, review, surety) of.. **\$20,000.00**
Public utility charges (including meters) of..... **\$0.00**

Terms and Conditions

1. This proposal is based on:
 - (a) Price(s) and fee(s) firm for 20 days (see item 1f for exceptions).
 - (b) AIA Document A201 2007 edition General Conditions (unless stated otherwise in bid documents).
 - (c) Construction performed during regular work hours (except minor tie-in work or specifically stated in proposal).
 - (d) Payment terms net 30 days after our invoice is submitted.
 - (e) Owner promptly providing to us a recorded Notice of Commencement and copies of all Notices of Furnishings and/or requests for Notices of Commencement.
 - (f) CPI not increasing more than 1% and/or material/energy prices not increasing from date of this proposal.
2. This proposal excludes:
 - (a) Building and site conditions such as dewatering, unstable ground, interferences (e.g. utilities, rock, concrete, conduits), locating utility lines or other problematic conditions.
 - (b) Recognition, testing and/or removal of contaminated or hazardous gases/materials, including asbestos and lead (proposal assumes the owner will provide written notification to us if there are any contaminated or hazardous gases/materials, including asbestos and lead, on the premises with specific location(s) before construction begins).
 - (c) Winter conditions and associated costs.
 - (d) Liability in excess of our insurance coverage (proposal assumes property insurance by owner).
 - (e) General conditions and supervision costs for scope changes and owner/architect caused delays.
 - (f) Liability for any loss, damage or delay caused by acts beyond our control including acts of God, weather, failure of supplier/mfr. to perform and labor disputes.
 - (g) 3rd party inspections/testing and SWPPP for stormwater.

This proposal shall be the contract agreement or this proposal shall be part of a separate owner/contractor agreement.

Purchaser: _____

The Summit Company, Inc.

Sign/Date: _____



Tony Dattilio

SECTION 00 4113 - BID FORM

1.1 BID INFORMATION

- A. Bidder: The Summit Company
1. Address: 13191 Wayne Road, Livonia, MI 48150
2. Contact Person: Tony Dattilio
3. Address: 13191 Wayne Road, Livonia, MI 48150
4. Telephone: 734-261-3500
5. Email: tdattilio@summitcompany.net
- B. Project Name: Stanley Park Improvements.
- C. Project Location: 10785 Elizabeth Lake Road, White Lake, MI 48383.
- D. Project Grant Funding: Land and Water Conservation Fund, with MDNR Project Number 26-01868.
- E. Owner: White Lake Charter Township
7525 Highland Road
White Lake, MI 48383
- F. Owner's Consultant: Beckett & Raeder, Inc.
535 W. William Street, Suite 101
Ann Arbor, MI 48103

1.2 ACKNOWLEDGEMENT OF ADDENDA

- A. Bidder acknowledges receipt of the following Addenda and has fully included all Addenda content in preparation of its bid.
1. Addenda No.: 1 1/25/24
2. Addenda No.: _____
3. Addenda No.: _____
4. Addenda No.: _____
5. Addenda No.: _____
6. Addenda No.: _____

1.3 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work prior to **Friday, October 15, 2024**.

1.4 CERTIFICATIONS AND BASE BID

- A. **Base Bid:** The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

Two Million one hundred ninety-nine thousand nine hundred _____ Dollars (\$ 2,199,900.00).

1.5 ALTERNATES

- A. **Alternate 1:** Road Paving. Provide and construct "Bituminous Pavement – Heavy Duty" for roadway and parking areas indicated as base bid "Gravel Drive". Portions of roadway included in Alternate 1 paving will be edged with 2' width gravel shoulder in lieu of concrete curb and gutter. Refer to Drawings for additional information.

Add/ Deduct One hundred thirty-five thousand _____ Dollars (\$ 135,000.00).

- B. **Alternate 2:** Parking. Provide and construct two (2) additional 9-space parking areas in the central portion of the park. Alternate also includes related grading, sidewalks, pathways, and signage associated with the parking areas. Refer to Drawings for additional information.

Add/ Deduct Forty-six thousand _____ Dollars (\$ 46,000.00).

- C. **Alternate 3:** Timber Bollards. Provide and construct timber traffic control bollards at roadway shoulders. Refer to Drawings for additional information.

Add/ Deduct Sixty thousand _____ Dollars (\$ 60,000.00).

- D. **Alternate 4:** Exercise Station. Provide and construct Exercise Station 'B' in the central area of the park, including associated grading, timber edge, and safety surfacing. Refer to Drawings for additional information.

Add/ Deduct Twenty-two thousand _____ Dollars (\$ 22,000.00).

- E. **Alternate 5:** Sidewalk. Provide and construct sidewalk as indicated on Drawings, north and west of remnant block building, including associated grading and restoration. Refer to Drawings for additional information.

Add/ Deduct Ninety-five thousand _____ Dollars (\$ 95,000.00).

1.6 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cashier's check or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. _____ Dollars (\$ _____).

1.7 LIST OF SUBCONTRACTORS

A. The following companies shall execute subcontracts for the portions of the Work indicated. If none, indicate NONE on the first line.

1. Scope: Will provide list upon being awarded the project.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
2. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
3. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
4. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
5. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
6. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
7. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
8. Scope: _____.
 - a. Firm: _____.
 - b. Contact Person & Phone: _____.
9. Attach supplementary list to bid submittal if additional subcontractors are required.

1.8 LIST OF EXCEPTIONS

A. Contractor shall clearly list all exceptions made in preparation of this bid to requirements of the bid documents, Drawings and Specifications. If none, indicate NONE on the first line.

1. Exception: We exclude undercutting along pathways and roadway.

2. Exception: Our main excavating site work subcontractor is K&K Excavating

3. Exception: The site work contractor agreed to remove the top soil from site at no cost
to the owner.

4. Exception: We included an allowance for testing and surveying

5. Exception: We did not include a contingency fund.

6. Exception: _____

7. Exception: _____

8. Exception: _____

9. Exception: _____

10. Exception: _____

11. Exception: _____

12. Exception: _____

13. Attach supplementary list to bid submittal if additional exceptions have been made.

1.9 INFORMATIONAL UNIT PRICES

- A. Contractor shall submit installed unit prices for items of work stated below. Prices shall include all base material required for the installation of the item. The Owner reserves the right to increase or decrease the base proposal sum by up to thirty percent (30%) on the basis of the unit prices stated. The Owner reserves the right to negotiate with the Bidder on any or all unit prices listed in this Bid Form. Unit prices given shall include all profit and overhead. Contractor "mark-up" will not be paid in addition to the prices given below.

DESCRIPTION	UNIT	UNIT COST
DEMOLITION		
Clearing and Grubbing Trees	ac	9,000
Tree Removal (1-6" cal.)	ea	170
Tree Removal (7-12" cal.)	ea	375
Tree Removal (13-18" cal.)	ea	700
Tree Removal (19-24" cal.)	ea	900
Tree Removal (over 24" cal.)	ea	1,000
SOIL EROSION AND SEDIMENTATION CONTROL		
Stabilized Construction Access	ls	5,000
Turbidity Curtain	lf	50
Tree Protection Fence	lf	5
Filter Fabric Fence	lf	2.5
Permanent Erosion Control Mat	sf	1
EARTHWORK		
Strip and Stockpile Topsoil	cy	5.5
Cut & Fill	cy	7.75
Class II Sand	cy	26
Undercut and Backfill with Class II Sand	cy	32
Aggregate Base (MDOT 21AA)	cy	81
Screen, Respread Topsoil	cy	15
Fine Grade to Subgrade Elevation	sy	.60
Haul Material offsite and legally dispose	cy	11
PAVING		
Vehicular Gravel Parking Drive 8"	sy	27
Vehicular Concrete Pavement 8"	sf	12.50
Concrete Curb & Gutter	lf	25
Concrete Sidewalk 5"	sf	9
Bituminous Pathway 8' Width	lf	35
Bituminous Pathway 14' Width	lf	150
RECREATION AND SITE FURNISHINGS		
Overlook Pier (including pier, gangway & headwall)	ls	150,000
Boardwalk (excluding headwalls)	lf	99,000
Concrete Boardwalk Headwall	ea	5,800

Timber Bollard	ea	<u>475</u>
Timber Removable Bollard	ea	<u>575</u>
Regulatory Sign	ea	<u>1,500</u>
Interpretive Sign	ea	<u>1,500</u>
Bench – In-ground Mount	ea	<u>1,000</u>
UTILITIES		
4' Dia. Storm Sewer Structure	ea	<u>5,800</u>
12" RCP Storm Pipe	lf	<u>60</u>
36" Diameter Wildlife Culvert	lf	<u>300</u>
Stormwater Outlet Structure	ea	<u>6,500</u>
Stone Check Dam	ea	<u>850</u>
LANDSCAPE AND SEEDING		
Lawn Seeding	sy	<u>1.5</u>
Stormwater Basin & Roadway Edge Native Seeding	sy	<u>2.5</u>
Acer rubrum, 2.5" B&B	ea	<u>600</u>
Acer saccharum, 2.5" B&B	ea	<u>600</u>
Quercus alba, 2.5" B&B	ea	<u>600</u>
Quercus rubra, 2.5" B&B	ea	<u>600</u>

1.10 VOLUNTARY ALTERNATES

The Bidder may offer self-identified opportunities for cost savings or added value. If none, indicate NONE on the first line.

A. **Voluntary Alternate A:** Screen excess topsoil on site to be removed at no cost to owner.

Add/Deduct _____ Dollars (\$ _____).

B. **Voluntary Alternate B:** White Lake Twp. to waive all permit fees

Add **Deduct** Twenty Thousand Dollars (\$ 20,000.00).

C. **Voluntary Alternate C:** _____

Add/Deduct _____ Dollars (\$ _____).

D. **Voluntary Alternate D:** _____

Add/Deduct _____ Dollars (\$ _____).

E. Attach supplementary list to bid submittal if additional voluntary alternates are available.

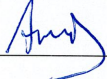
1.11 BIDDER CERTIFICATIONS

By signature and submittal of this bid form, the undersigned hereby certifies work of Contract will be conducted in full compliance with the following requirements:

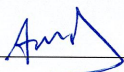
- A. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all **Land and Water Conservation Fund grant program and agency requirements**, including assisting Owner with grant reporting and reimbursement requirements. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- B. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **1976 PA 453 (Elliott-Larsen Civil Rights Act), the 1976 PA 220 (Persons with Disabilities Civil Rights Act), and Executive Directive 2019-09, as amended**. In accordance with these laws, all contracts must contain a covenant by the contractor and any subcontractors not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, or a disability or genetic information that is unrelated to the individual's ability to perform the duties of a particular job or position.

1. Authorized Signature:  (Handwritten signature).

- C. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **Build America, Buy America requirements, as required by Section 70914 of the Bipartisan Infrastructure Law**. In accordance with with these laws, all iron and steel, manufactured products, and construction materials provided for the project must have content greater than 55 percent (total cost of the component) mined, produced, and manufactured in the United States. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- D. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **United States Fish and Wildlife Service (USFWS) Ecological Services Program Biological Opinion**, including training and procedures related to the Eastern Massasauga Rattlesnake. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- E. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with construction of the project for accessibility compliance as required in the project Drawings and Specification, including requirements of the **Americans with Disabilities Act (ADA) of 2010, as amended** and the **2013 Access Board's Final Guidelines for Outdoor Developed Areas (ODA)**. Refer to Specifications for additional information.

1. Authorized Signature:  (Handwritten signature).

- F. The undersigned Bidder hereby certifies that it, and all subcontractors, are not "Iran-linked businesses" as defined by the **Michigan "Iran Economic Sanctions Act", Act 517, Public Acts of 2012 ("Act 517")**.

1. Authorized Signature:  (Handwritten signature).

G. The undersigned Bidder hereby certifies that it, and all subcontractors, are not currently under debarment, suspension, legal sanctions, written warnings or reprimands, or contract termination by any Federal, State, or local agency.

1. Authorized Signature: AmJ (Handwritten signature).

H. The undersigned Bidder hereby certifies that it is a duly licensed contractor, for the type of work proposed, within the required jurisdictions, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1. Authorized Signature: AmJ (Handwritten signature).

I. The undersigned Bidder hereby certifies that it will provide all instrumental surveying required to layout and construct the work. Surveying will be by a Michigan Licensed Land Surveyor.

1. Authorized Signature: AmJ (Handwritten signature).

1.12 CERTIFICATION OF BID

The undersigned affirms that neither he/she nor agents, officers or employees of the Bidder submitting this lump sum bid have directly or indirectly entered into any agreements, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with the bid for this project.

The undersigned agrees that if this lump sum proposal is accepted by the Owner, Bidder will enter into the Contract, furnishing all bonds and other contract requirements and commence construction, within 10 business days of the Notice of Award/Notice to Proceed, and will complete the entire Work of the Contract within the given schedule and the provisions of the project specifications.

Respectfully submitted this 30th day of January, 2024.

Submitted By: The Summit Company (Name of bidding firm or corporation).

Authorized Signature: AmJ (Handwritten signature).

Signed By: Tony Dattilio (Type or print name).

Title: President (Owner/Partner/President/Vice President).

Street Address: 13191 Wayne Road.

City, State, Zip: Livonia, MI 48150.

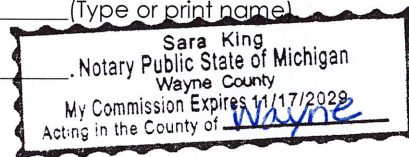
Phone: 734-261-3500.

Witness Signature: Sara King (Notary Public signature).

Witness By: Sara King (Type or print name).

Notary Public Commission No.: 11/17/29

Notary Public Seal:



END OF DOCUMENT 00 4113



AIA Document A310™ – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

The Summit Company Inc

13191 Wayne Road

Livonia, MI 48150

OWNER:

(Name, legal status and address)

White Lake Township

7525 Highland Road

White Lake, MI 48383

BOND AMOUNT: Five Percent (5%) of Amount Bid

SURETY:

(Name, legal status and principal place of business)

Hudson Insurance Company

100 William Street, 5th Floor

New York, NY 10038

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

PROJECT:

(Name, location or address, and Project number, if any)

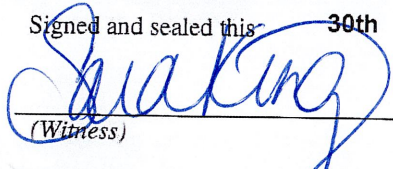
Stanley Park Improvements MDNR Project No. 26-01868

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

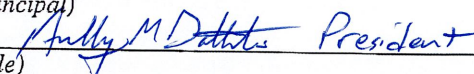
Signed and sealed this 30th day of **January, 2024**



(Witness)

The Summit Company Inc

(Principal)

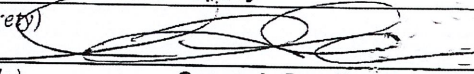


(Title)

(Seal)

Hudson Insurance Company

(Surety)



(Title)

(Seal)

Susan L Small, Attorney-in-Fact

Init.



BID BOND POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

Alan P. Chandler, Robert Trobec, Jeffrey A. Chandler, Kathleen M. Irelan,

Ian J. Donald, Susan L. Small, John L. Budde, Krista L. Pocket

of the state of Michigan

its true and lawful Attorney(s)-in-Fact, at New York City in the State of New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bid bonds for any and all purposes.

Such bid bonds, when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly authorized, on this 21st day of June, 20 23 at New York, New York.



Dina Daskalakis

Attest
Dina Daskalakis, Corporate Secretary

HUDSON INSURANCE COMPANY

By *Michael P. Cifone*
Michael P. Cifone, Senior Vice President

STATE OF NEW YORK
COUNTY OF NEW YORK SS.

On the 21st day of June, 20 23 before me personally came Michael P. Cifone to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of HUDSON INSURANCE COMPANY, the Company described herein and which executed the above instrument, that he knows the seal of said Company, that the seal affixed to said instrument is the corporate seal of said Company, that it was so affixed by order of the Board of Directors of said Company, and that he signed his name thereto by like order.

(Notarial Seal)



Ann M. Murphy
ANN M. MURPHY
Notary Public, State of New York
No. 01MU6067553
Qualified in Nassau County
Commission Expires December 10, 2025

CERTIFICATION

STATE OF NEW YORK
COUNTY OF NEW YORK SS.

The undersigned **Dina Daskalakis** hereby certifies:

THAT the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27th, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertakings made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOLVED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Company this 30th day of January, 2024



Dina Daskalakis
By
Dina Daskalakis, Corporate Secretary

SECTION 00 4113 - BID FORM

1.1 BID INFORMATION

- A. Bidder: BRENICAL CONTRACTORS, INC.
1. Address: 26079 SCHOENHERR RD. WARREN, MI 48089
 2. Contact Person: BRIAN BRICKEL
 3. Address: 26079 SCHOENHERR RD. WARREN, MI 48089
 4. Telephone: 586-758-6000
 5. Email: dcarie@brenical.net
- B. Project Name: Stanley Park Improvements.
- C. Project Location: 10785 Elizabeth Lake Road, White Lake, MI 48383.
- D. Project Grant Funding: Land and Water Conservation Fund, with MDNR Project Number 26-01868.
- E. Owner: White Lake Charter Township
7525 Highland Road
White Lake, MI 48383
- F. Owner's Consultant: Beckett & Raeder, Inc.
535 W. William Street, Suite 101
Ann Arbor, MI 48103

1.2 ACKNOWLEDGEMENT OF ADDENDA

- A. Bidder acknowledges receipt of the following Addenda and has fully included all Addenda content in preparation of its bid.
1. Addenda No.: _01/25/2024
 2. Addenda No.: _____
 3. Addenda No.: _____
 4. Addenda No.: _____
 5. Addenda No.: _____
 6. Addenda No.: _____

1.3 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect, and shall fully complete the Work prior to **Friday, October 15, 2024**.

1.4 CERTIFICATIONS AND BASE BID

- A. **Base Bid:** The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:

One million eight hundred twenty thousand Dollars (\$ 1,820,000).

1.5 ALTERNATES

- A. **Alternate 1:** Road Paving. Provide and construct "Bituminous Pavement – Heavy Duty" for roadway and parking areas indicated as base bid "Gravel Drive". Portions of roadway included in Alternate 1 paving will be edged with 2' width gravel shoulder in lieu of concrete curb and gutter. Refer to Drawings for additional information.

Add/Deduct One hundred thirty-two thousand Dollars (\$ 132,396).
Three hundred ninety-six

- B. **Alternate 2:** Parking. Provide and construct two (2) additional 9-space parking areas in the central portion of the park. Alternate also includes related grading, sidewalks, pathways, and signage associated with the parking areas. Refer to Drawings for additional information.

Add/Deduct Twenty-eight thousand fifty Dollars (\$ 28,050).

- C. **Alternate 3:** Timber Bollards. Provide and construct timber traffic control bollards at roadway shoulders. Refer to Drawings for additional information.

Add/Deduct Thirty-three thousand seven hundred Dollars (\$ 33,774).
Seventy-four

- D. **Alternate 4:** Exercise Station. Provide and construct Exercise Station 'B' in the central area of the park, including associated grading, timber edge, and safety surfacing. Refer to Drawings for additional information.

Add/Deduct Fourteen thousand nine hundred Dollars (\$ 14,912).
twelve

- E. **Alternate 5:** Sidewalk. Provide and construct sidewalk as indicated on Drawings, north and west of remnant block building, including associated grading and restoration. Refer to Drawings for additional information.

Add/Deduct Fifty-five thousand three hundred Dollars (\$ 55,398).
ninety-eight

1.6 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 days after a written Notice of Award, if offered within 60 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cashier's check or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. ~~19,808~~ Nineteen thousand Dollars (\$ 19,808).
eight hundred eight

1.7 LIST OF SUBCONTRACTORS

A. The following companies shall execute subcontracts for the portions of the Work indicated. If none, indicate NONE on the first line.

1. Scope: Utilities + Earth Work
a. Firm: Brenca Contractors
b. Contact Person & Phone: _____
2. Scope: Concrete
a. Firm: Brenca Contractors
b. Contact Person & Phone: _____
3. Scope: Landscaping
a. Firm: Todd's Services
b. Contact Person & Phone: Patrick Duffy 810-533-8799
4. Scope: Floating Piers/Docks
a. Firm: Flotation Docking Systems
b. Contact Person & Phone: _____
5. Scope: Boardwalk
a. Firm: Wickcraft Boardwalks
b. Contact Person & Phone: _____
6. Scope: Asphalt Paving
a. Firm: Nagle Paving
b. Contact Person & Phone: _____
7. Scope: _____
a. Firm: _____
b. Contact Person & Phone: _____
8. Scope: _____
a. Firm: _____
b. Contact Person & Phone: _____
9. Attach supplementary list to bid submittal if additional subcontractors are required.

1.8 LIST OF EXCEPTIONS

A. Contractor shall clearly list all exceptions made in preparation of this bid to requirements of the bid documents, Drawings and Specifications. If none, indicate NONE on the first line.

1. Exception: _____

2. Exception: _____

3. Exception: _____

4. Exception: _____

5. Exception: _____

6. Exception: _____

7. Exception: _____

8. Exception: _____

9. Exception: _____

10. Exception: _____

11. Exception: _____

12. Exception: _____

13. Attach supplementary list to bid submittal if additional exceptions have been made.

1.9 INFORMATIONAL UNIT PRICES

A. Contractor shall submit installed unit prices for items of work stated below. Prices shall include all base material required for the installation of the item. The Owner reserves the right to increase or decrease the base proposal sum by up to thirty percent (30%) on the basis of the unit prices stated. The Owner reserves the right to negotiate with the Bidder on any or all unit prices listed in this Bid Form. Unit prices given shall include all profit and overhead. Contractor "mark-up" will not be paid in addition to the prices given below.

DESCRIPTION	UNIT	UNIT COST
DEMOLITION		
Clearing and Grubbing Trees	ac	\$8,250
Tree Removal (1-6" cal.)	ea	\$83
Tree Removal (7-12" cal.)	ea	\$110
Tree Removal (13-18" cal.)	ea	\$165
Tree Removal (19-24" cal.)	ea	\$825
Tree Removal (over 24" cal.)	ea	\$1,100
SOIL EROSION AND SEDIMENTATION CONTROL		
Stabilized Construction Access	ls	\$5,000
Turbidity Curtain	lf	\$27.00
Tree Protection Fence	lf	\$4.50
Filter Fabric Fence	lf	\$2.50
Permanent Erosion Control Mat	sf	\$0.50
EARTHWORK		
Strip and Stockpile Topsoil	cy	
Cut & Fill	cy	
Class II Sand	cy	\$45
Undercut and Backfill with Class II Sand	cy	\$100
Aggregate Base (MDOT 21AA)	cy	\$50
Screen, Respread Topsoil	cy	
Fine Grade to Subgrade Elevation	sy	
Haul Material offsite and legally dispose	cy	\$25
PAVING		
Vehicular Gravel Parking Drive 8"	sy	
Vehicular Concrete Pavement 8"	sf	
Concrete Curb & Gutter	lf	\$30
Concrete Sidewalk 5"	sf	
Bituminous Pathway 8' Width	lf	
Bituminous Pathway 14' Width	lf	
RECREATION AND SITE FURNISHINGS		
Overlook Pier (including pier, gangway & headwall)	ls	\$81,950
Boardwalk (excluding headwalls)	lf	
Concrete Boardwalk Headwall	ea	

Timber Bollard	ea	<u>\$304</u>
Timber Removable Bollard	ea	<u>\$400</u>
Regulatory Sign	ea	<u>\$2,550</u>
Interpretive Sign	ea	<u>\$2,550</u>
Bench – In-ground Mount	ea	<u>\$2,000</u>

UTILITIES

4' Dia. Storm Sewer Structure	ea	_____
12" RCP Storm Pipe	lf	_____
36" Diameter Wildlife Culvert	lf	_____
Stormwater Outlet Structure	ea	_____
Stone Check Dam	ea	<u>\$630</u>

LANDSCAPE AND SEEDING

Lawn Seeding	sy	<u>\$4.87</u>
Stormwater Basin & Roadway Edge Native Seeding	sy	<u>\$2.20</u>
Acer rubrum, 2.5" B&B	ea	<u>\$1,274</u>
Acer saccharum, 2.5" B&B	ea	<u>\$1,662</u>
Quercus alba, 2.5" B&B	ea	<u>\$1,481</u>
Quercus rubra, 2.5" B&B	ea	<u>\$1,481</u>

1.10 VOLUNTARY ALTERNATES

The Bidder may offer self-identified opportunities for cost savings or added value. If none, indicate NONE on the first line.

A. **Voluntary Alternate A:** _____

Add/Deduct _____ Dollars (\$ _____).

B. **Voluntary Alternate B:** _____

Add/Deduct _____ Dollars (\$ _____).

C. **Voluntary Alternate C:** _____

Add/Deduct _____ Dollars (\$ _____).

D. **Voluntary Alternate D:** _____

Add/Deduct _____ Dollars (\$ _____).

E. Attach supplementary list to bid submittal if additional voluntary alternates are available.

1.11 BIDDER CERTIFICATIONS

By signature and submittal of this bid form, the undersigned hereby certifies work of Contract will be conducted in full compliance with the following requirements:

- A. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all **Land and Water Conservation Fund grant program and agency requirements**, including assisting Owner with grant reporting and reimbursement requirements. Refer to Specifications for additional information.

1. Authorized Signature: Dakota Carie (Handwritten signature).

- B. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **1976 PA 453 (Elliott-Larsen Civil Rights Act), the 1976 PA 220 (Persons with Disabilities Civil Rights Act), and Executive Directive 2019-09, as amended**. In accordance with these laws, all contracts must contain a covenant by the contractor and any subcontractors not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, partisan considerations, or a disability or genetic information that is unrelated to the individual's ability to perform the duties of a particular job or position.

1. Authorized Signature: Dakota Carie (Handwritten signature).

- C. The undersigned Bidder hereby certifies that it, and all subcontractors, will comply with all requirements of **Build America, Buy America requirements, as required by Section 70914 of the Bipartisan Infrastructure Law**. In accordance with these laws, all iron and steel, manufactured products, and construction materials provided for the project must have content greater than 55 percent (total cost of the component) mined, produced, and manufactured in the United States. Refer to Specifications for additional information.

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1. Authorized Signature: Dakota Carie (Handwritten signature).

1.12 CERTIFICATION OF BID

The undersigned affirms that neither he/she nor agents, officers or employees of the Bidder submitting this lump sum bid have directly or indirectly entered into any agreements, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with the bid for this project.

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Respectfully submitted this 30th day of January, 2024.

Submitted By: Brenca Contractors, Inc. (Name of bidding firm or corporation).

Authorized Signature: Dakota Carie (Handwritten signature).

Signed By: Dakota Carie (Type or print name).

Title: Office Manager (Owner/Partner/President/Vice President).

Street Address: 26079 Schoenherr Rd

City, State, Zip: Warren, MI 48089

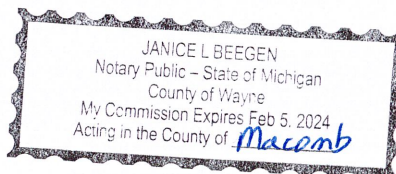
Phone: 586-758-6000

Witness Signature: Janice L. Beegen (Notary Public signature).

Witness By: Janice L. Beegen (Type or print name).

Notary Public Commission No.: N/A

Notary Public Seal:



END OF DOCUMENT 00 4113

AIA[®] Document A310[™] – 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Brenca Contractors, Inc.
26079 Schoenherr
Warren, MI 48089

SURETY:

(Name, legal status and principal place
of business)

Fidelity and Deposit Company of Maryland
1299 Zurich Way, 5th Floor
Schaumburg, IL 60196-1056

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

OWNER:

(Name, legal status and address)

Charter Township of White Lake
7525 Highland Road
White Lake, MI 48383-2900

BOND AMOUNT: Five Percent (5%) of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

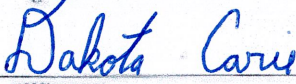
Stanley Park Improvements - MDNR Project No. 26-01868

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 30th day of January, 2024


(Witness)

Brenca Contractors, Inc.

(Principal)

(Seal)

(Title)

Fidelity and Deposit Company of Maryland

(Surety)

(Seal)

(Title)

Susan L Small, Attorney-in-Fact

Init.

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Robert D. Murray, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Jeffrey A. CHANDLER, Meagan L. REYNOLDS, Kathleen M. IRELAN, Ian J. DONALD, Alan P. CHANDLER, Robert TROBEC, Terence J. GRIFFIN, Susan L. SMALL, T L YOUNG of Troy, Michigan, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland, and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 24th day of August, A.D. 2023.



ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: *Robert D. Murray*
Vice President

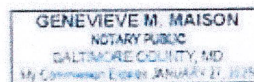
By: *Dawn E. Brown*
Secretary

State of Maryland
County of Baltimore

On this 24th day of August, A.D. 2023, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Genevieve M. Maison



Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 30th day of January, 2024.



Thomas O. McClellan

Thomas O. McClellan
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
reportsfclaims@zurichna.com
800-626-4577

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

STANLEY PARK IMPROVEMENTS (MDNR Project Np. 26-01868)

Date Issued: January 04, 2024

Beckett & Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103
734.663.2622 ph
734.663.6759 fx

10785 Elizabeth Lake Rd, White Lake Township, Michigan

BIDDING

Consultant Team

Beckett & Raeder
Landscape Architecture
Planning & Engineering

KEM-TEC
A GROUP OF COMPANIES
ENGINEERING · SURVEYING · ENVIRONMENTAL SERVICES



Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103
734.663.2622 ph
734.663.6759 fx

Kem-Tec & Associates
22556 Gratiot Ave
Eastpointe, MI 48201
586.772.2222 ph
586.772.4048 fx

White Lake Charter Township
7525 Highland Rd
White Lake, MI 48383
248.698.3300 ph

General Requirements Notes

- The White Lake Township Stanley Park Improvements project is partially funded by The Land and Water Conservation Fund (LWCF) program, utilizing Federal fund administered locally by the Michigan Department of Natural Resources (MDNR). The Contractor shall comply with all LWCF grant program and agency requirements including but not limited to:
 - Build America, Buy America requirements, as required by Section 70914 of the Bipartisan Infrastructure Law
 - Americans with Disabilities Act (ADA) of 2010, as amended.
 - 2013 Access Board's Final Guidelines for Outdoor Developed Areas (ODA).
- The US Fish and Wildlife Services (USFWS) has Identified that Stanley Park contains habitat suitable for several protected status species. As a result, the USFWS conducted an Endangered Species Act (ESA) of 1973. Section 7 Formal Consultation and produced a USFWS Ecological Services Program Biological Opinion. The Biological Opinion is incorporated into these contract documents as an appendix in this project manual. The Contractor shall conform with all requirements contained within the Biological Opinion.

Preceding and Concurrent Work Notes

- Prior to Contract initiation, Owner will perform cutting of trees and brush indicated for removal on the plans. Project Contractor will remain responsible for stump and root removal. Contractor shall inspect the site prior to bidding to confirm completeness of Owner's work. Any additional removal required based on project plans shall be included in the Contractor's bid price.
- Elizabeth Lake Road Reconstruction project (by others) will be constructed concurrently with this Stanley Park Improvements project. Contractors shall mutually coordinate construction activities so as to not hinder each other's work.

Bid Alternates

Alternate 1 - Road Paving. Provide and construct "Bituminous Paving - Standard Duty (Service Road)" for roadway and parking areas indicated as base bid "Gravel Drive". Portions of roadway included in Alternate 1 paving will be edged with 2' width gravel shoulder in lieu of concrete curb and gutter. Refer to Drawings for additional information.

Alternate 2 - Parking. Provide and construct two (2) additional 9-space parking areas in the central portion of the park. Alternate also includes related grading, sidewalks, pathways, and signage associated with the parking areas. Refer to Drawings for additional information

Alternate 3 - Timber Bollards. Provide and construct timber traffic control bollards at roadway shoulders. Refer to Drawings for additional information.

Alternate 4 - Exercise Station. Provide and construct Exercise Station 'B' in the central area of the park, including associated grading, timber edge, and safety surfacing. Refer to Drawings for additional information.

Alternate 5 - Sidewalk. Provide and construct sidewalk as indicated on Drawings, north and west of remnant block building, including associated grading and restoration. Refer to Drawings for additional information.

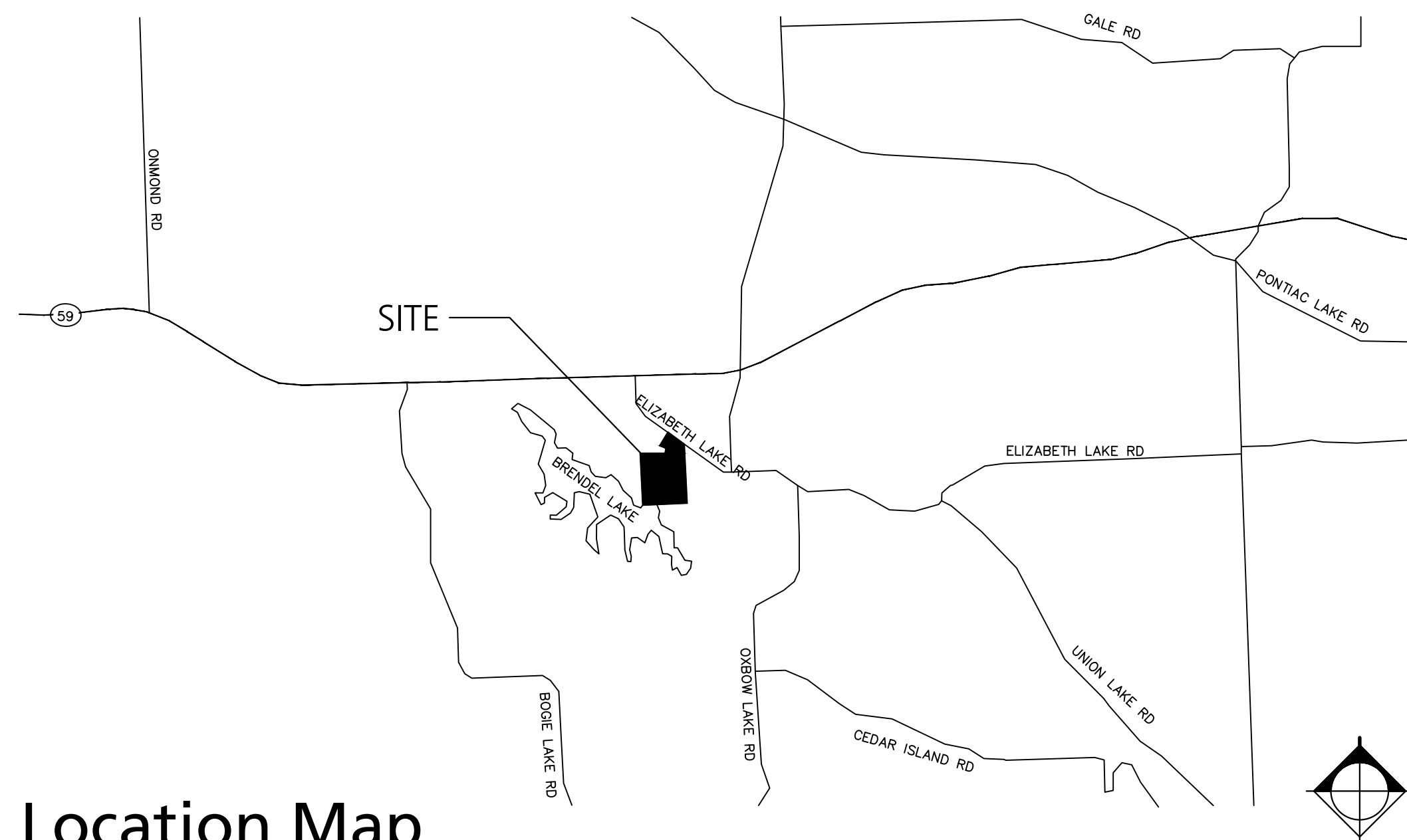
Miss Dig Notes

Contractor shall call Miss Dig (811) a minimum of three working days prior to start of construction, excluding weekends and holidays.



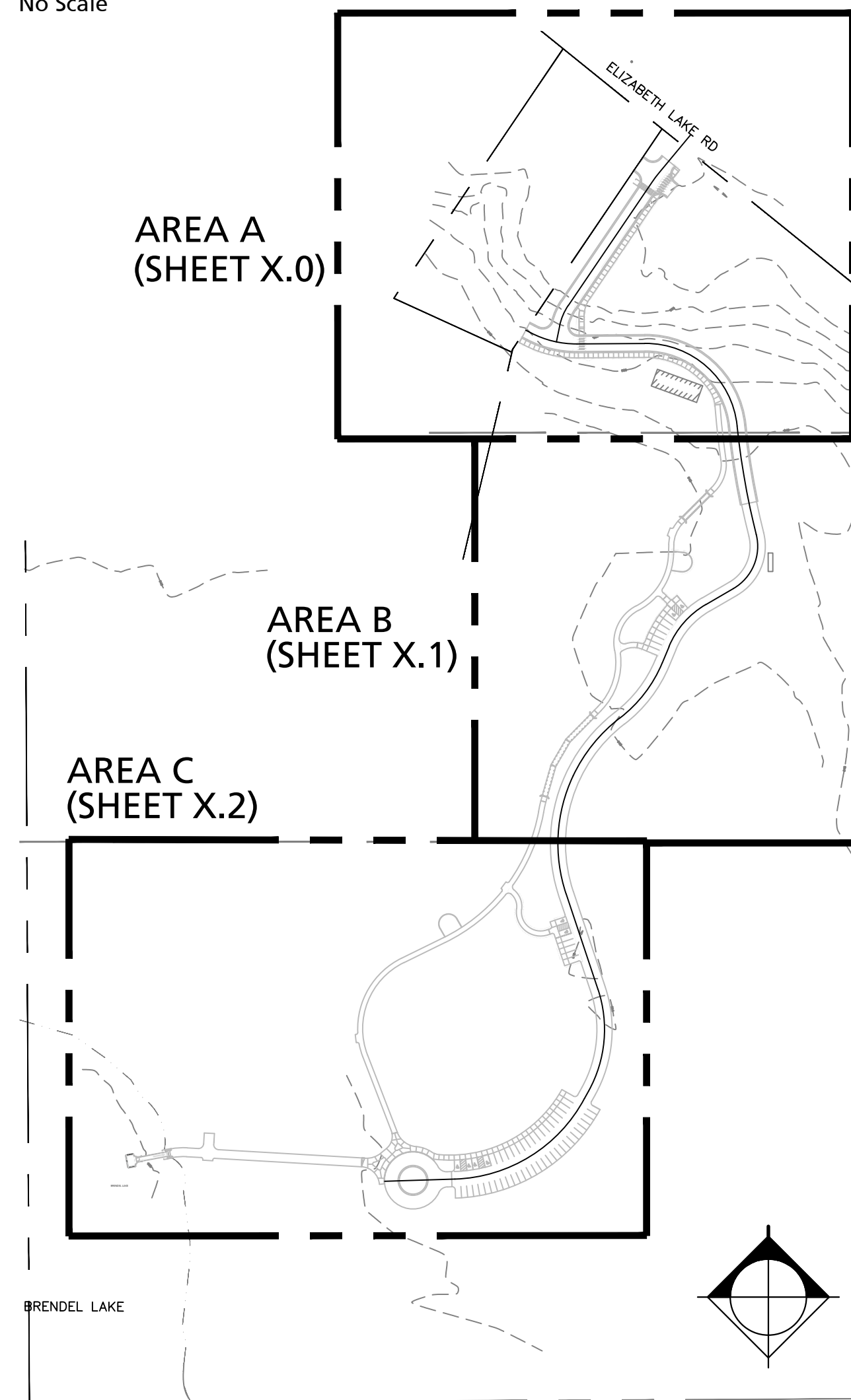
Abbreviations

BIT Bituminous	GV Gate Valve	OC On Center
AC Acres	HD Heavy Duty	OHWM Ordinary High Water Mark
ADA American's with Disabilities Act	HP High Point	PR Proposed
BM Bench Mark	INV Invert Elevation	SESC Soil Erosion and Sediment Control
BIT Bituminous	LOD Limit of Disturbance	SD Standard Duty
BC Bottom of Curb	LP Low Point	TC Top of Curb
CAL Caliper	MAX Maximum	TYP Typical
CB Catch Basin	MDNR Michigan Department of Natural Resources	UP Utility Pole
DIA Diameter	MIN Minimum	VOL Volume
ELEV Elevation	NRCS Natural Resources Conservation Services	
EX Existing		
FES Flared end section		



Location Map

No Scale



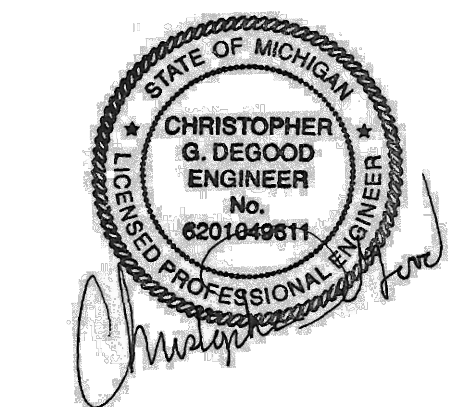
Key Map

No Scale

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Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	EXISTING CONDITIONS PLAN - AREA A
C1.1	EXISTING CONDITIONS PLAN - AREA B
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C2.1	SESC & DEMOLITION PLAN - AREA B
C2.2	SESC & DEMOLITION PLAN - AREA C
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Consultants



Seal

Project Title

White Lake Twp.
Stanley Park
Phase 1 Implementation
MDNR Project No. 26-01868
White Lake Township, MI

Sheet Title

Dates

Dates	Issued for
12.14.2022	DRAFT DESIGN DEVELOPMENT
01.06.2023	DESIGN DEVELOPMENT
03.10.2023	JOINT PERMIT APPLICATION
03.31.2023	MDNR PRE-BID REVIEW
05.31.2023	MDNR PRE-BID REVIEW
01.04.2024	BIDDING

Scale

Quality Control

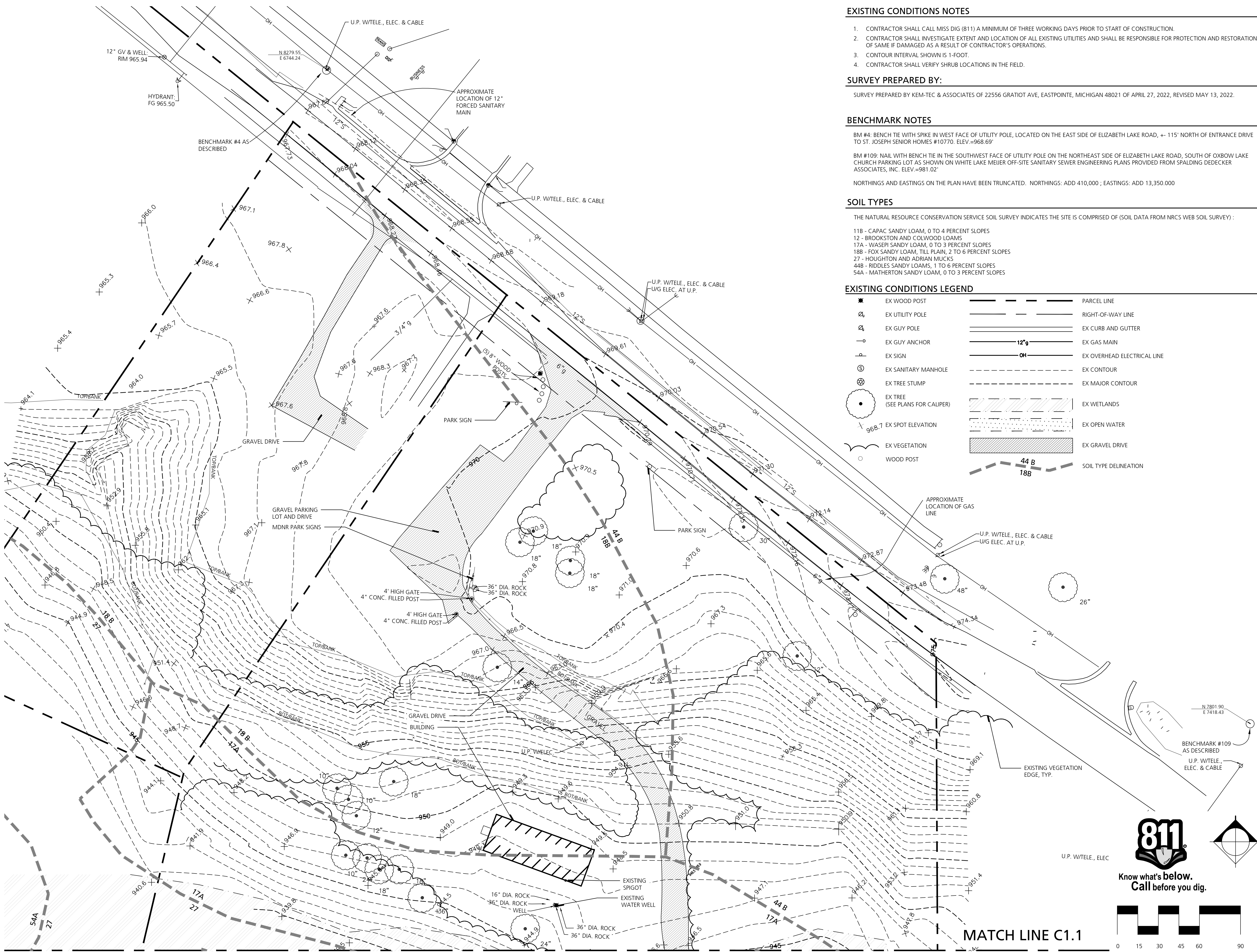
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Checked: LDS, BB
Approved: BB

Project Number

2022024

Sheet Number

C0.0 COVER SHEET



EXISTING CONDITIONS NOTES

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. CONTOUR INTERVAL SHOWN IS 1-FOOT.
4. CONTRACTOR SHALL VERIFY SHRUB LOCATIONS IN THE FIELD.

SURVEY PREPARED BY:

SURVEY PREPARED BY KEM-TEC & ASSOCIATES OF 22556 GRATIOT AVE, EASTPOINTE, MICHIGAN 48021 OF APRIL 27, 2022, REVISED MAY 13, 2022.

BENCHMARK NOTES

BM #4: BENCH TIE WITH SPIKE IN WEST FACE OF UTILITY POLE, LOCATED ON THE EAST SIDE OF ELIZABETH LAKE ROAD, + 115' NORTH OF ENTRANCE DRIVE TO ST. JOSEPH SENIOR HOMES #10770. ELEV.=968.69'

BM #109: NAIL WITH BENCH TIE IN THE SOUTHWEST FACE OF UTILITY POLE ON THE NORTHEAST SIDE OF ELIZABETH LAKE ROAD, SOUTH OF OXBOW LAKE CHURCH PARKING LOT AS SHOWN ON WHITE LAKE MEIUR OFF-SITE SANITARY SEWER ENGINEERING PLANS PROVIDED FROM SPALDING DEDECKER ASSOCIATES, INC. ELEV.=981.02'

NORTHINGS AND EASTINGS ON THE PLAN HAVE BEEN TRUNCATED. NORTHINGS: ADD 410,000; EASTINGS: ADD 13,350.000

SOIL TYPES

THE NATURAL RESOURCE CONSERVATION SERVICE SOIL SURVEY INDICATES THE SITE IS COMPRISED OF (SOIL DATA FROM NRCS WEB SOIL SURVEY):

- 11B - CAPAC SANDY LOAM, 0 TO 4 PERCENT SLOPES
- 12 - BROOKSTON AND COLWOOD LOAMS
- 17A - WASEPI SANDY LOAM, 0 TO 3 PERCENT SLOPES
- 18B - FOX SANDY LOAM, TILL PLAIN, 2 TO 6 PERCENT SLOPES
- 27 - HOUGHTON AND ADRIAN MUCKS
- 44B - RIDDLES SANDY LOAMS, 1 TO 6 PERCENT SLOPES
- 54A - MATHERTON SANDY LOAM, 0 TO 3 PERCENT SLOPES

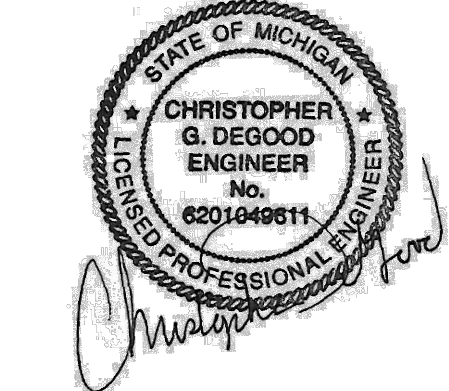
EXISTING CONDITIONS LEGEND

■	EX WOOD POST	— — — — —	PARCEL LINE
⊕	EX UTILITY POLE	— — — — —	RIGHT-OF-WAY LINE
⊕	EX GUY POLE	— — — — —	EX CURB AND GUTTER
⊕	EX GUY ANCHOR	— — — — —	EX GAS MAIN
⊕	EX SIGN	— — — — —	EX OVERHEAD ELECTRICAL LINE
⊕	EX SANITARY MANHOLE	— — — — —	EX CONTOUR
⊕	EX TREE STUMP	— — — — —	EX MAJOR CONTOUR
⊕	EX TREE (SEE PLANS FOR CALIPER)	— — — — —	EX WETLANDS
⊕	EX SPOT ELEVATION	— — — — —	EX OPEN WATER
⊕	EX VEGETATION	— — — — —	EX GRAVEL DRIVE
○	WOOD POST	— — — — —	SOIL TYPE DELINEATION

B R I
Beckett & Raeder
 Landscape Architecture
 Planning, Engineering &
 Environmental Services

Beckett & Raeder, Inc.
 535 West William, Suite 101
 Ann Arbor, MI 48103
 734.663.2622 ph
 734.663.6759 fx

Consultants



Seal

Project Title

**White Lake Twp.
 Stanley Park
 Phase 1 Implementation
 MDNR Project No. 26-01868**
 White Lake Township, MI

Sheet Title

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Quality Control

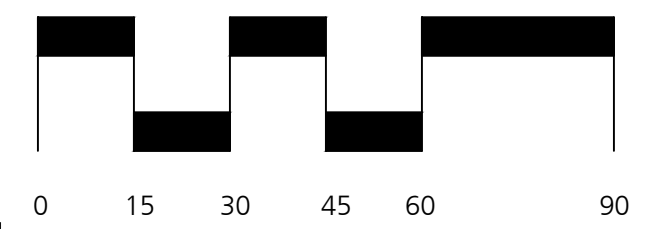
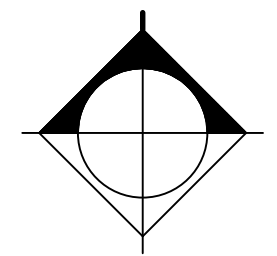
Drawn: MK, LDS
 Checked: LDS, BB
 Approved: BB

Project Number

2022024

Sheet Number

**C1.0 EXISTING CONDITIONS
 PLAN - AREA A**



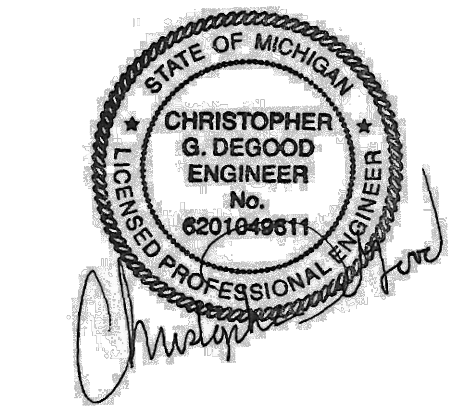
MATCH LINE C1.1

MATCH LINE C1.0



MATCH LINE C1.2

Consultants



Seal

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White Lake Twp.
Stanley Park
Phase 1 Implementation
MDNR Project No. 26-01868
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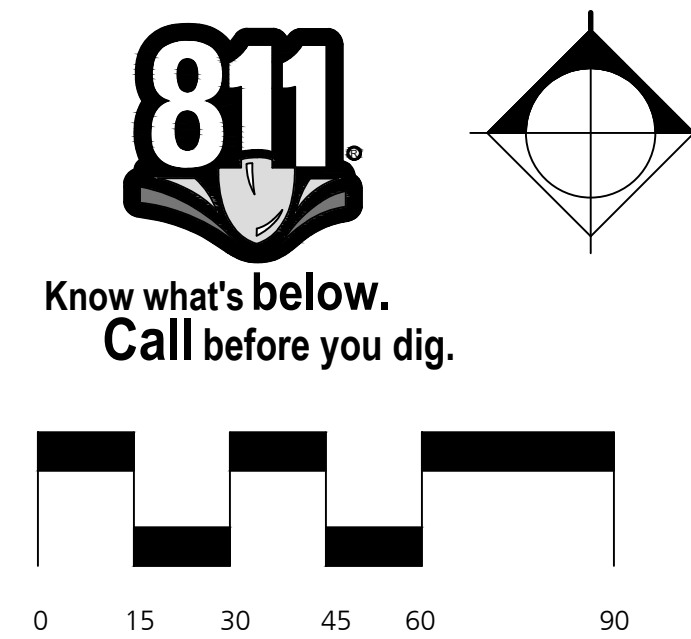
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Checked: LDS, BB
Approved: BB

Project Number

2022024

Sheet Number

C1.1 EXISTING CONDITIONS
PLAN - AREA B



Consultants



Seal

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White Lake Twp.
Stanley Park
Phase 1 Implementation
MDNR Project No. 26-01868
White Lake Township, MI

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Scale

Quality Control

Drawn: MK, LDS
Checked: LDS, BB
Approved: BB

Project Number

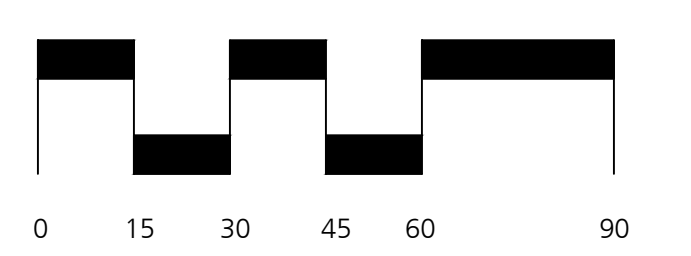
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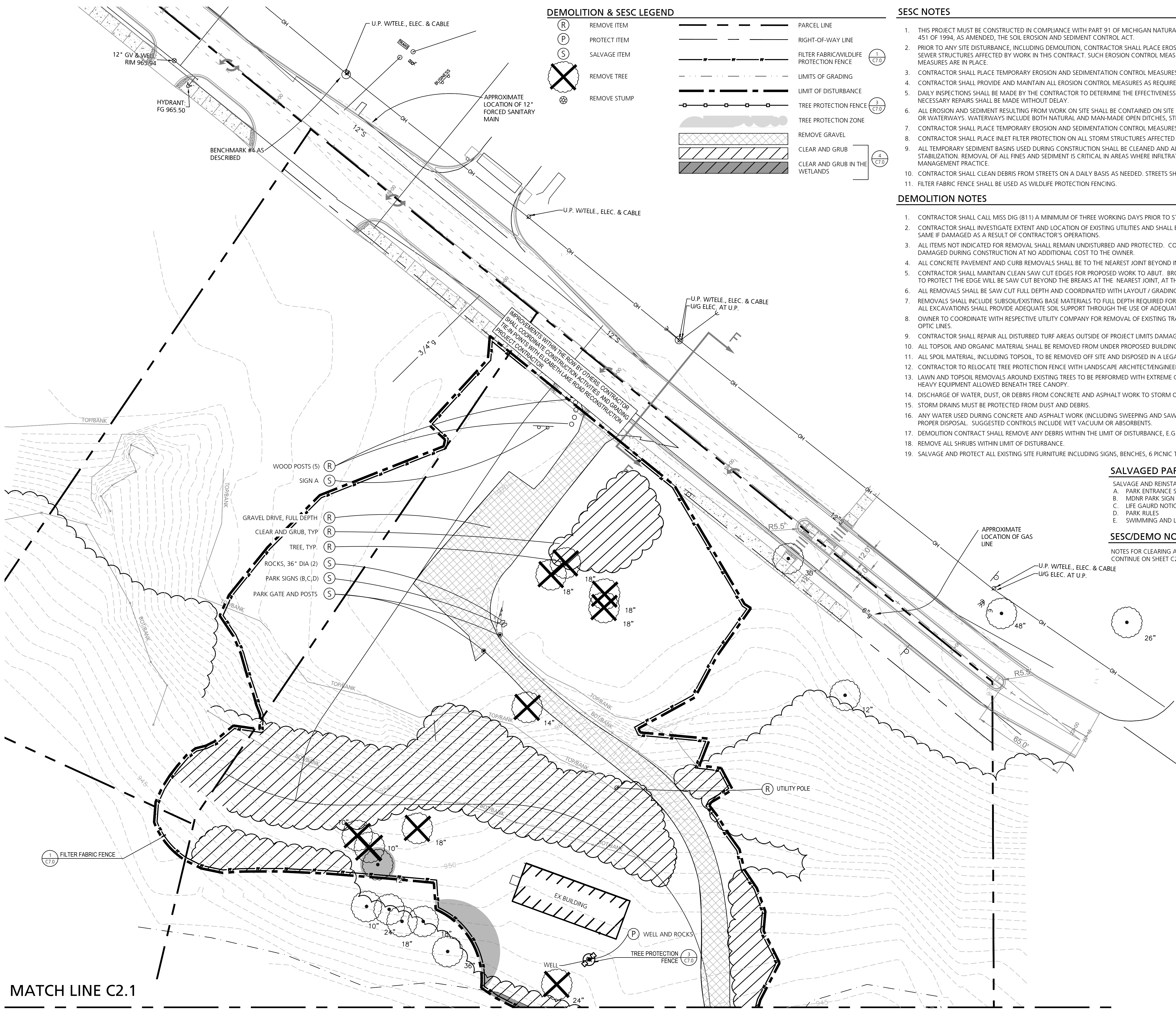
Sheet Number

C1.2 EXISTING CONDITIONS
PLAN - AREA C



Know what's below.
Call before you dig.





DEMOLITION & SESC LEGEND

- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM
- (X) REMOVE TREE
- (⊗) REMOVE STUMP
- PARCEL LINE
- - - RIGHT-OF-WAY LINE
- · - · - FILTER FABRIC/WILDLIFE PROTECTION FENCE
- · - · - LIMITS OF GRADING
- - - LIMIT OF DISTURBANCE
- · - · - TREE PROTECTION FENCE
- ▨ TREE PROTECTION ZONE
- ▨ REMOVE GRAVEL
- ▨ CLEAR AND GRUB
- ▨ CLEAR AND GRUB IN THE WETLANDS

SESC NOTES

1. THIS PROJECT MUST BE CONSTRUCTED IN COMPLIANCE WITH PART 91 OF MICHIGAN NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT 451 OF 1994, AS AMENDED, THE SOIL EROSION AND SEDIMENT CONTROL ACT.
2. PRIOR TO ANY SITE DISTURBANCE, INCLUDING DEMOLITION, CONTRACTOR SHALL PLACE EROSION CONTROL MEASURES ON ALL EXISTING STORM SEWER STRUCTURES AFFECTED BY WORK IN THIS CONTRACT. SUCH EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE.
3. CONTRACTOR SHALL PLACE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND SHOWN ON PLANS.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES AS REQUIRED BY STATE AND LOCAL GOVERNING AUTHORITIES.
5. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES. ANY NECESSARY REPAIRS SHALL BE MADE WITHOUT DELAY.
6. ALL EROSION AND SEDIMENT RESULTING FROM WORK ON SITE SHALL BE CONTAINED ON SITE AND NOT ALLOWED TO COLLECT IN ANY OFF-SITE AREAS OR WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, RIVERS, OR PONDS.
7. CONTRACTOR SHALL PLACE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND SHOWN ON PLANS.
8. CONTRACTOR SHALL PLACE INLET FILTER PROTECTION ON ALL STORM STRUCTURES AFFECTED BY THIS PROJECT.
9. ALL TEMPORARY SEDIMENT BASINS USED DURING CONSTRUCTION SHALL BE CLEANED AND ALL SEDIMENT LEGALLY DISPOSED OF PRIOR TO STABILIZATION. REMOVAL OF ALL FINES AND SEDIMENT IS CRITICAL IN AREAS WHERE INFILTRATION PRACTICES SHALL BECOME PERMANENT BEST MANAGEMENT PRACTICE.
10. CONTRACTOR SHALL CLEAN DEBRIS FROM STREETS ON A DAILY BASIS AS NEEDED. STREETS SHALL BE SWEEPED WEEKLY.
11. FILTER FABRIC FENCE SHALL BE USED AS WILDLIFE PROTECTION FENCING.

DEMOLITION NOTES

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. ALL ITEMS NOT INDICATED FOR REMOVAL SHALL REMAIN UNDISTURBED AND PROTECTED. CONTRACTOR SHALL FULLY RESTORE ANY ITEMS/MATERIALS DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
4. ALL CONCRETE PAVEMENT AND CURB REMOVALS SHALL BE TO THE NEAREST JOINT BEYOND INDICATED EXTENT.
5. CONTRACTOR SHALL MAINTAIN CLEAN SAW CUT EDGES FOR PROPOSED WORK TO ABUT. BROKEN EDGES RESULTING FROM CONTRACTOR'S FAILURE TO PROTECT THE EDGE WILL BE SAW CUT BEYOND THE BREAKS AT THE NEAREST JOINT, AT THE CONTRACTOR'S EXPENSE.
6. ALL REMOVALS SHALL BE SAW CUT FULL DEPTH AND COORDINATED WITH LAYOUT / GRADING PLANS.
7. REMOVALS SHALL INCLUDE SUBSOIL/EXISTING BASE MATERIALS TO FULL DEPTH REQUIRED FOR INSTALLATION OF NEW WORK INCLUDING BASE COURSE. ALL EXCAVATIONS SHALL PROVIDE ADEQUATE SOIL SUPPORT THROUGH THE USE OF ADEQUATE CUT SLOPES OR STRUCTURAL SHORING.
8. OWNER TO COORDINATE WITH RESPECTIVE UTILITY COMPANY FOR REMOVAL OF EXISTING TRANSFORMER, ELECTRICAL, CABLE, TELEPHONE AND FIBER OPTIC LINES.
9. CONTRACTOR SHALL REPAIR ALL DISTURBED TURF AREAS OUTSIDE OF PROJECT LIMITS DAMAGED DURING CONSTRUCTION.
10. ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE REMOVED FROM UNDER PROPOSED BUILDING, FOOTINGS, SLABS, AND PAVED AREAS.
11. ALL SPOIL MATERIAL, INCLUDING TOPSOIL, TO BE REMOVED OFF SITE AND DISPOSED IN A LEGAL MANNER.
12. CONTRACTOR TO RELOCATE TREE PROTECTION FENCE WITH LANDSCAPE ARCHITECT/ENGINEER'S APPROVAL IN ORDER TO ACCOMPLISH WORK.
13. LAWN AND TOPSOIL REMOVALS AROUND EXISTING TREES TO BE PERFORMED WITH EXTREME CARE. REMOVALS TO BE COMPLETED BY HAND. NO HEAVY EQUIPMENT ALLOWED BENEATH TREE CANOPY.
14. DISCHARGE OF WATER, DUST, OR DEBRIS FROM CONCRETE AND ASPHALT WORK TO STORM OR SANITARY SYSTEMS IS PROHIBITED.
15. STORM DRAINS MUST BE PROTECTED FROM DUST AND DEBRIS.
16. ANY WATER USED DURING CONCRETE AND ASPHALT WORK (INCLUDING SWEEPING AND SAWCUTTING) MUST BE CONTAINED AND COLLECTED FOR PROPER DISPOSAL. SUGGESTED CONTROLS INCLUDE WET VACUUM OR ABSORBENTS.
17. DEMOLITION CONTRACT SHALL REMOVE ANY DEBRIS WITHIN THE LIMIT OF DISTURBANCE, E.G. CONCRETE MASONRY UNITS, TIMBER, LITTER.
18. REMOVE ALL SHRUBS WITHIN LIMIT OF DISTURBANCE.
19. SALVAGE AND PROTECT ALL EXISTING SITE FURNITURE INCLUDING SIGNS, BENCHES, 6 PICNIC TABALES, AND DOG WASTE DISPOSALS.

SALVAGED PARK SIGNS

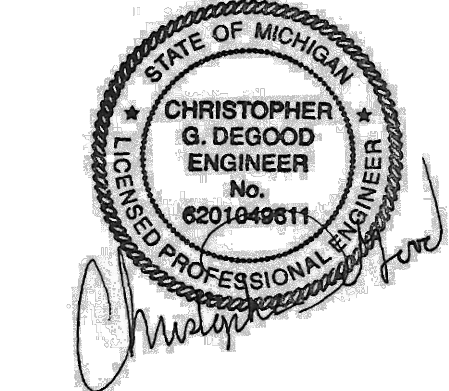
- SALVAGE AND REINSTALL WHERE SHOWN ON THE LAYOUT & MATERIALS PLAN:
- A. PARK ENTRANCE SIGN
 - B. MDNR PARK SIGN
 - C. LIFE GAURD NOTICE
 - D. PARK RULES
 - E. SWIMMING AND LAKE RULES/GUIDELINES

SESC/DEMO NOTES & LEGENDS

NOTES FOR CLEARING AND GRUBBING, AND EXCESS EXCAVATION OF SOIL NOTES CONTINUE ON SHEET C2.1

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Project Title

**White Lake Twp.
 Stanley Park
 Phase 1 Implementation
 MDNR Project No. 26-01868**
 White Lake Township, MI

Sheet Title

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Quality Control

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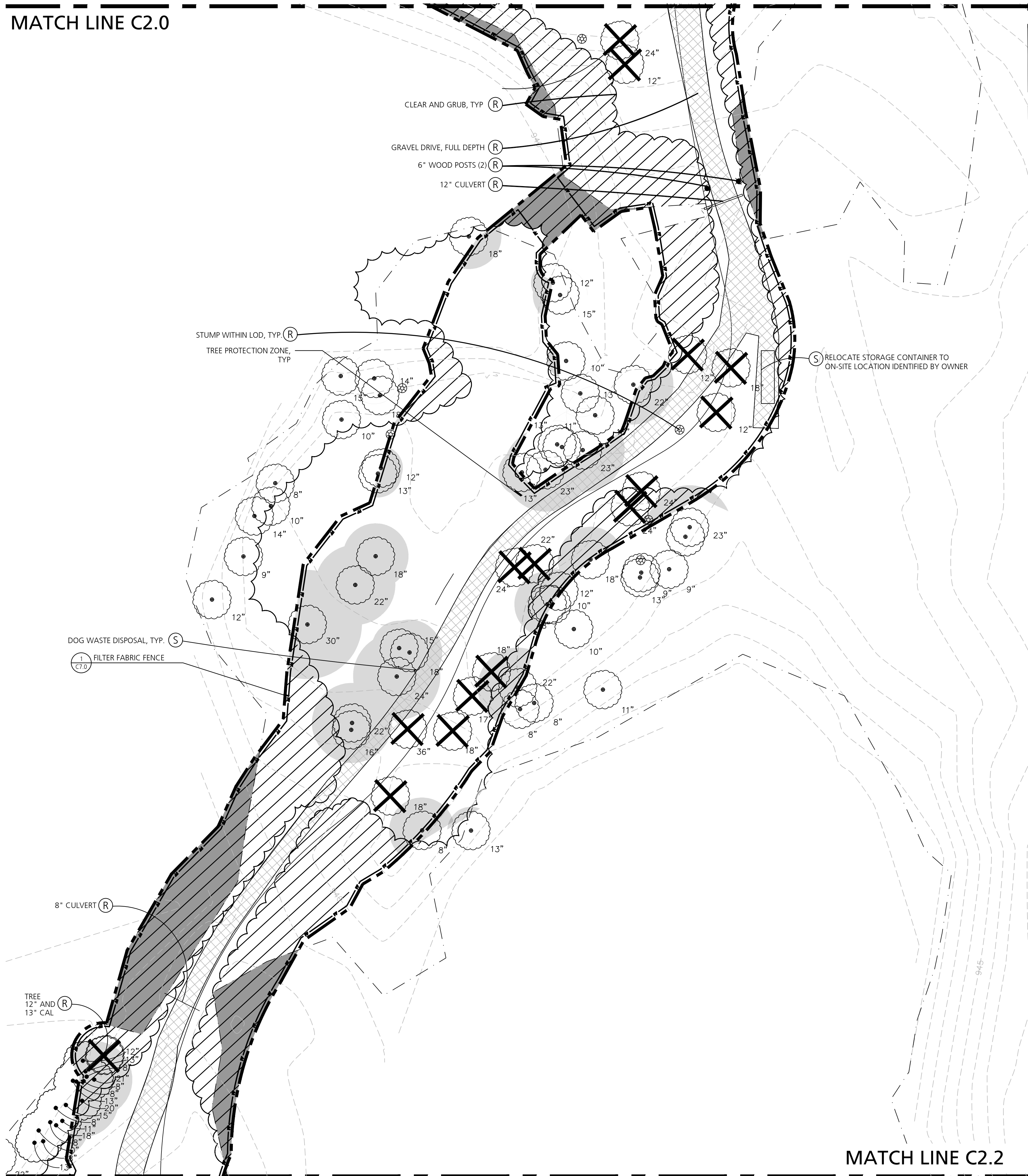
2022024

Sheet Number

**C2.0 SESC & DEMOLITION
 PLAN - AREA A**

MATCH LINE C2.1

MATCH LINE C2.0



MATCH LINE C2.2

CLEARING & GRUBBING NOTES

1. PRIOR TO CONTRACT INITIATION, OWNER WILL PERFORM CUTTING OF TREES AND BRUSH INDICATED FOR REMOVAL ON THE PLANS. PROJECT CONTRACTOR WILL REMAIN RESPONSIBLE FOR STUMP AND ROOT REMOVAL. CONTRACTOR SHALL INSPECT THE SITE PRIOR TO BIDDING TO CONFIRM COMPLETENESS OF OWNER'S WORK. ANY ADDITIONAL REMOVAL REQUIRED BASED ON PROJECT PLANS SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE.

EXCESS EXCAVATION SOILS NOTES

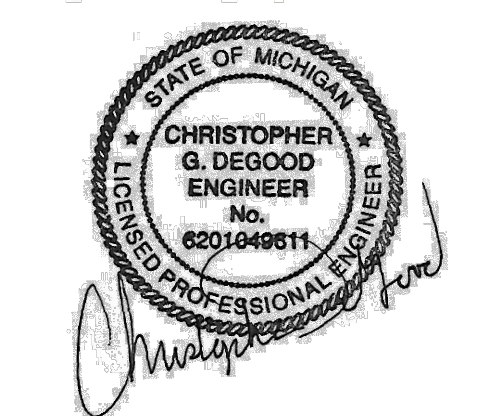
1. EXCESS SOILS GENERATED FROM PROJECT EXCAVATION SHALL BE PLACED AND STOCKPILED IN LOCATIONS TO BE IDENTIFIED BY THE OWNER IN THE ADJACENT FARM FIELD IMMEDIATELY NORTHWEST OF THE PROJECT SITE.
2. CONTRACTOR SHALL PROVIDE SESC CONTROLS AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING SILT FENCE AND STOCKPILE STABILIZATION SEEDING.
3. CONTRACTOR SHALL STRIP AND STOCKPILE FARM FIELD TOPSOIL PRIOR TO PLACEMENT OF EXCESS SOILS.
4. SEPARATE EXCESS SOILS ACCORDING TO SUITABLE FILL MATERIAL, TOPSOIL, AND HIGH ORGANIC MATERIAL (MUCK, MARLE, ETC.). PLACE IN LOCATIONS IDENTIFIED BY OWNER AFTER STRIPPING FARM FIELD TOPSOIL. PLACE EXCESS SOILS CONFORMING TO LIFT THICKNESSES AND COMPACTION REQUIREMENTS OF PROJECT SPECIFICATIONS.

SESC/DEMO NOTES & LEGENDS

FOR SESC/DEMO NOTES AND LEGENDS SEE SHEET C2.0

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**C2.1 SESC & DEMOLITION
 PLAN - AREA B**

MATCH LINE C2.1



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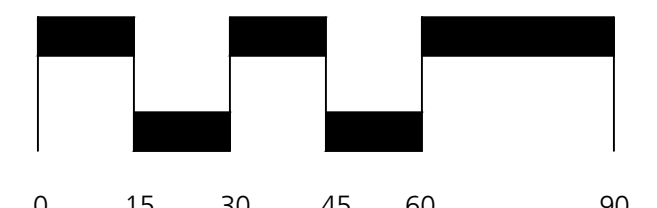
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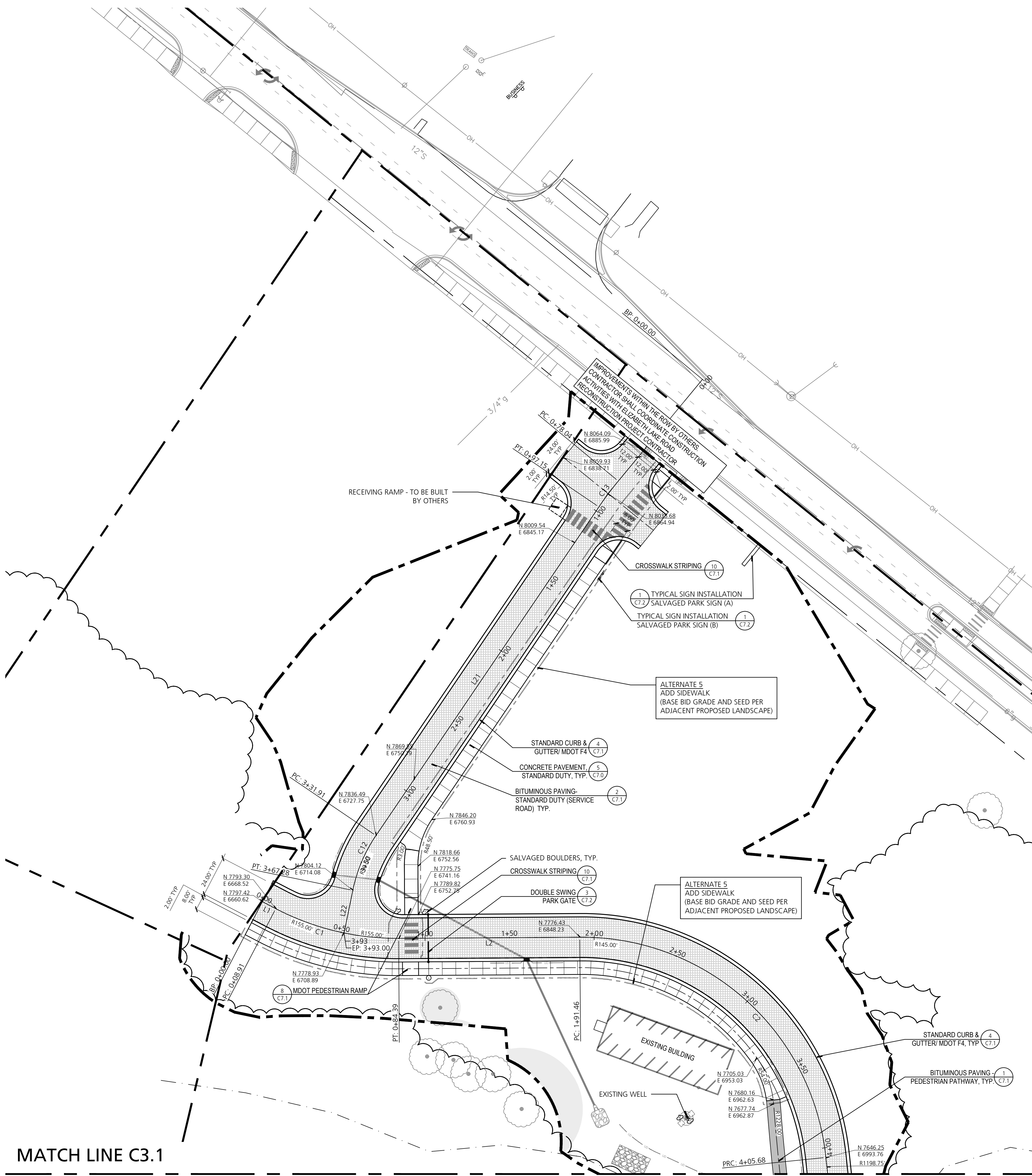
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Sheet Number

**C2.2 SESC & DEMOLITION
 PLAN - AREA C**

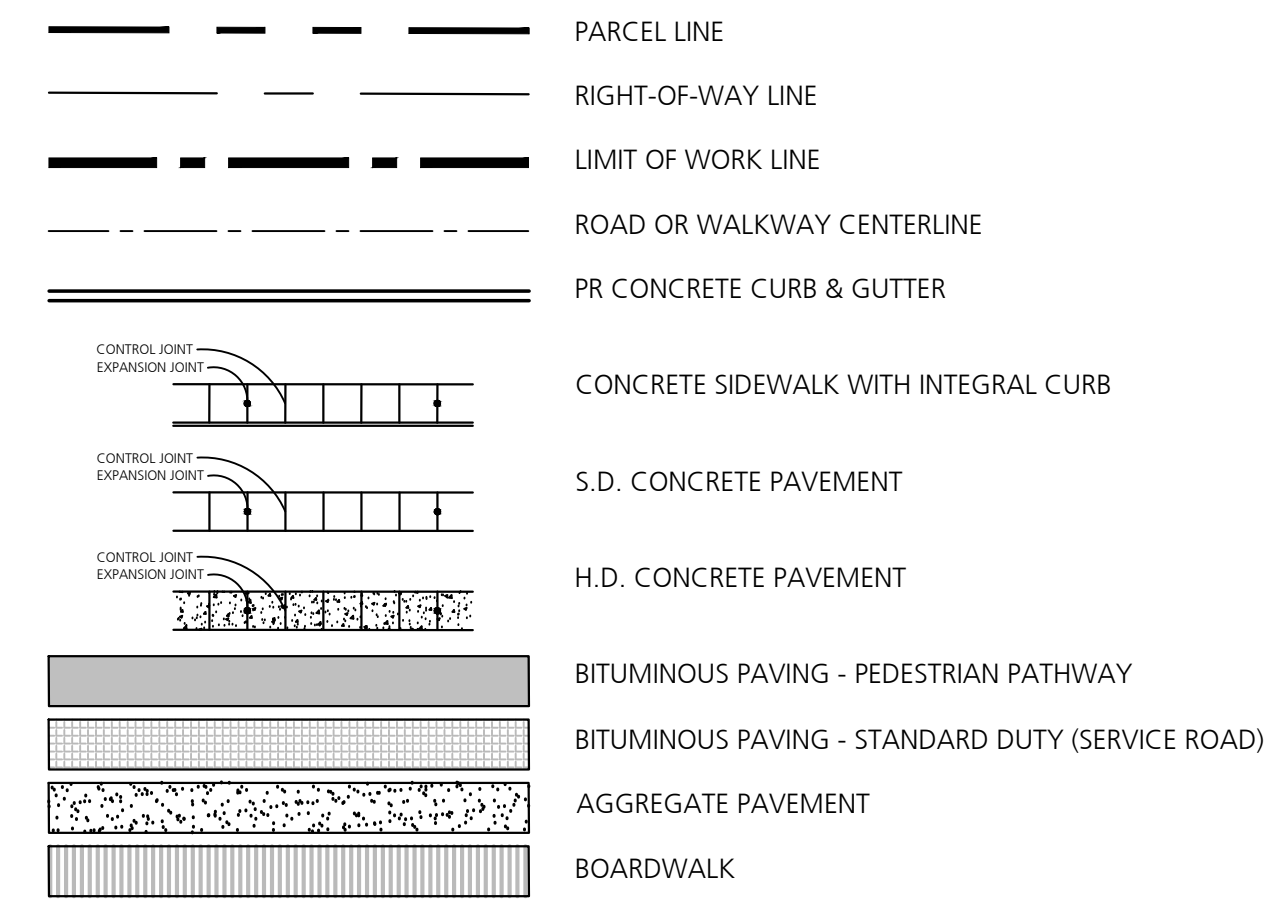




LAYOUT & MATERIALS NOTES

1. ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH CURRENT ADA STANDARDS.
2. ALL DIMENSIONS ARE TO BACK OF CURB, FACE OF BUILDING OR EDGE OF MATERIAL UNLESS OTHERWISE NOTED.
3. ALL LINES ARE PARALLEL OR PERPENDICULAR TO THE CURB/ PAVEMENT/ BUILDING LINE FROM WHICH THEY ARE DIMENSIONED UNLESS OTHERWISE NOTED.
4. FOLLOWING LAYOUT OF ALL MATERIALS, CONTRACTOR SHALL REVIEW WITH OWNER'S REPRESENTATIVE.
5. ANY DISCREPANCIES IN THE LAYOUT PLAN SHOULD BE IMMEDIATELY REPORTED TO OWNER'S REPRESENTATIVE.
6. NORTHINGS AND EASTINGS ON THE PLAN HAVE BEEN TRUNCATED. NORTHINGS: ADD 410,000 ; EASTINGS: ADD 13,350,000

LAYOUT & MATERIALS LEGEND



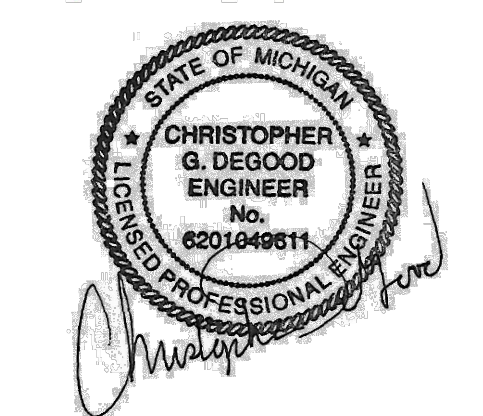
ROAD CURVE TABLES

Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	155	75.47	S76° 25' 03.56"E	(13356668.5202,417793.2973)	(13356741.1606,417775.7474)
C2	145	214.22	S48° 11' 11.55"E	(13356848.2293,417776.4334)	(13356993.7631,417646.2496)
C3	1199	130.52	S08° 58' 38.54"E	(13356993.7631,417646.2496)	(13357014.1202,417517.3904)
C4	1199	43.23	S13° 07' 46.71"E	(13357014.1202,417517.3904)	(13357023.9392,417475.2946)
C5	77	99.45	S22° 50' 34.96"W	(13357023.9392,417475.2946)	(13356987.9591,417389.8810)
C6	138	89.71	S41° 13' 16.46"W	(13356944.5478,417364.6601)	(13356886.4671,417298.3646)
C7	212	110.56	S37° 32' 16.73"W	(13356875.6602,417272.4002)	(13356809.0589,417185.7227)
C8	250	118.68	S38° 52' 40.05"W	(13356809.0589,417185.7227)	(13356735.2631,417094.1940)
C9	250	190.82	S03° 24' 42.55"W	(13356735.2631,417094.1940)	(13356724.1809,416908.3072)
C10	200	165.54	S05° 15' 22.66"W	(13356774.4613,416757.6327)	(13356759.7236,416597.4361)
C11	240	251.95	S58° 07' 35.06"W	(13356753.0895,416585.4536)	(13356548.8122,416458.4328)
C12	90	35.37	S22° 53' 56.74"W	(13356727.7548,417836.4942)	(13356714.0811,417804.1227)
C13	200	19.10	S36° 53' 36.82"W	(13356871.0328,418046.0375)	(13356859.5684,418030.7648)

Line #	Length	Direction	Start Point	End Point
L1	8.91	S62° 28' 05.56"E	(13356660.6157,417797.4177)	(13356668.5202,417793.2973)
L2	107.07	N89° 37' 58.43"E	(13356741.1606,417775.7474)	(13356848.2293,417776.4334)
L3	50.21	S59° 50' 40.15"W	(13356987.9591,417389.8810)	(13356944.5478,417364.6601)
L4	28.12	S22° 35' 52.77"W	(13356886.4671,417298.3646)	(13356875.6602,417272.4002)
L5	158.84	S18° 27' 14.33"E	(13356724.1809,416908.3072)	(13356774.4613,416757.6327)
L6	13.70	S28° 58' 15.58"W	(13356759.7236,416597.4361)	(13356753.0895,416585.4536)
L7	110.86	S88° 11' 36.28"W	(13356548.8122,416458.4328)	(13356438.0038,416454.9377)
L8	78.04	S39° 37' 48.10"W	(13356920.8107,418106.1445)	(13356871.0328,418046.0375)
L20	234.77	S34° 09' 25.55"W	(13356859.5684,418030.7648)	(13356727.7548,417836.4942)
L22	25.72	S11° 38' 27.93"W	(13356714.0811,417804.1227)	(13356708.8915,417778.9325)

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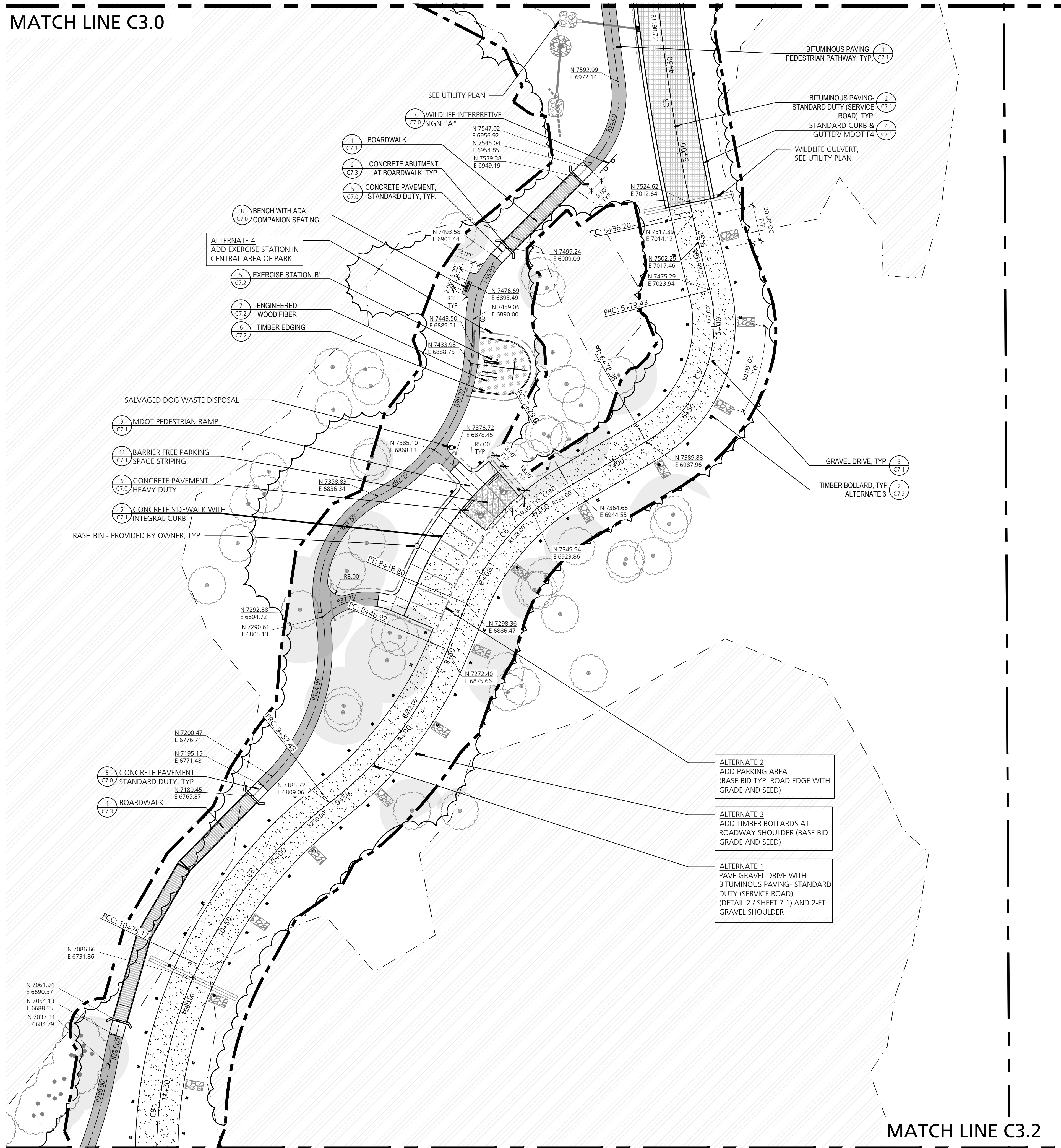
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Sheet Number

**C3.0 LAYOUT & MATERIALS
 PLAN - AREA A**

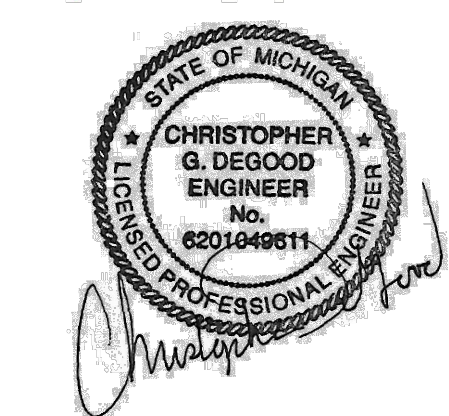
MATCH LINE C3.0



MATCH LINE C3.2

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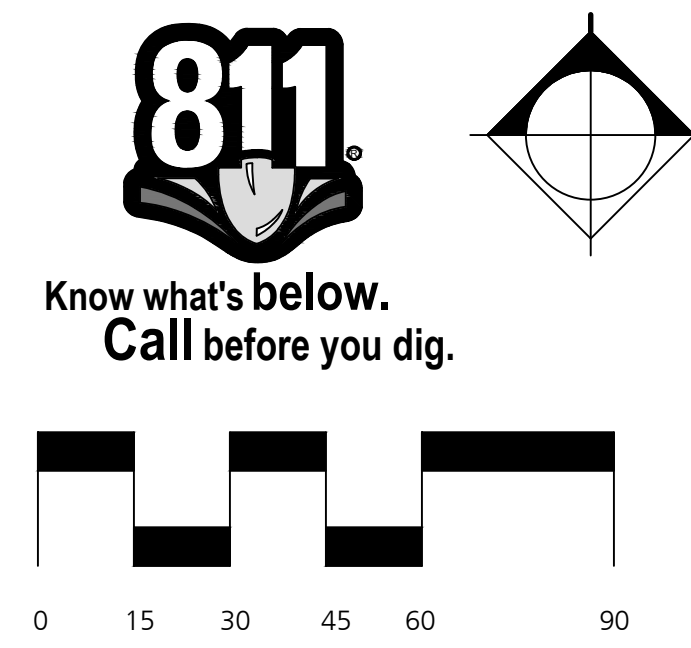
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**C3.1 LAYOUT & MATERIALS
 PLAN - AREA B**



MATCH LINE C2.1



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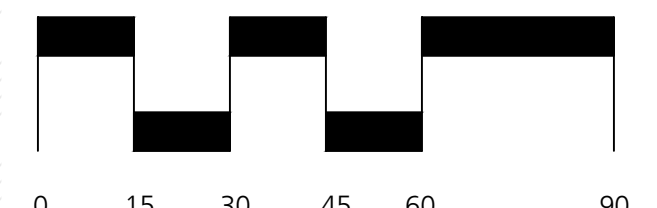
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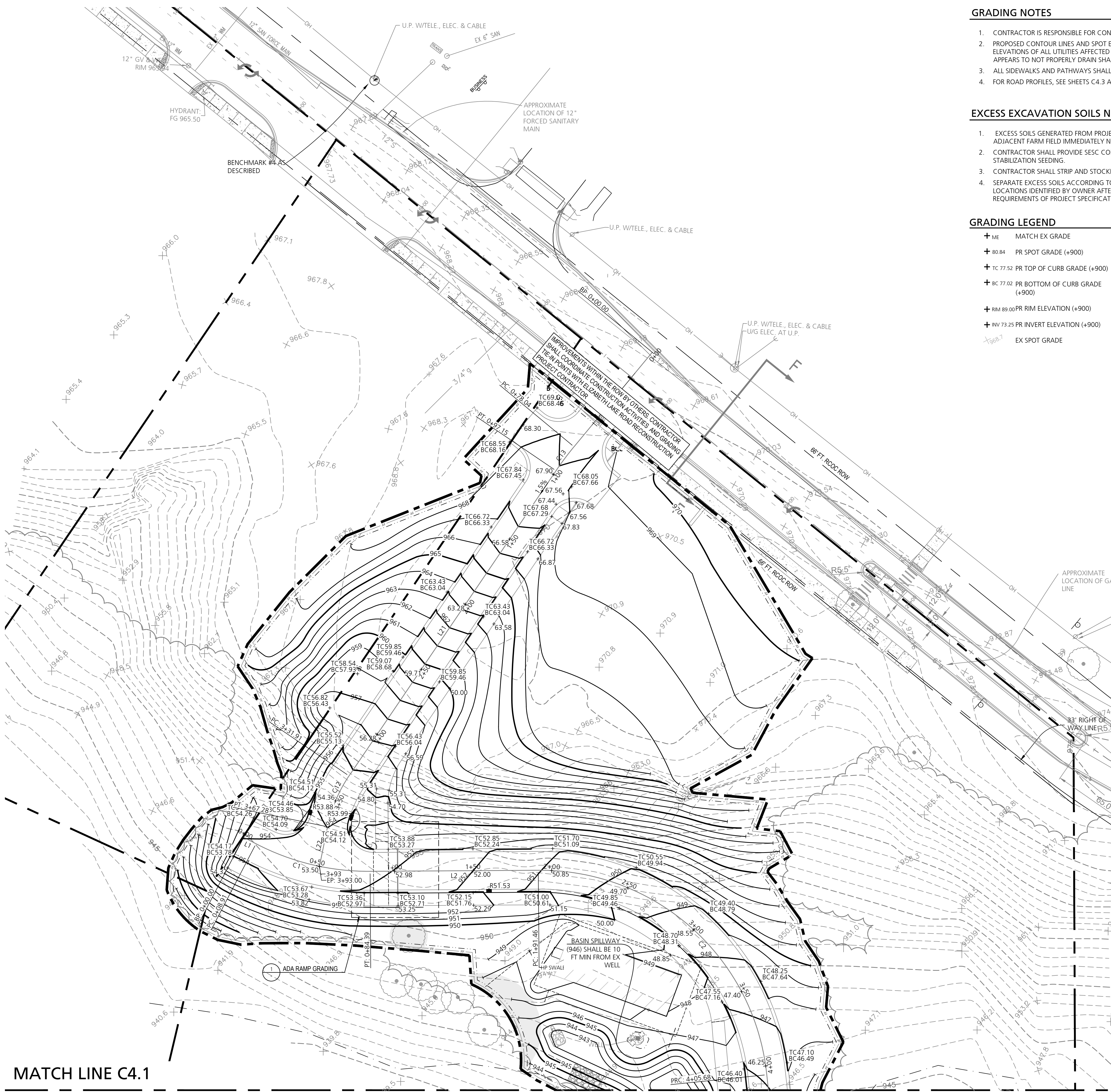
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C3.2 LAYOUT & MATERIALS
PLAN - AREA C





MATCH LINE C4.1

GRADING NOTES

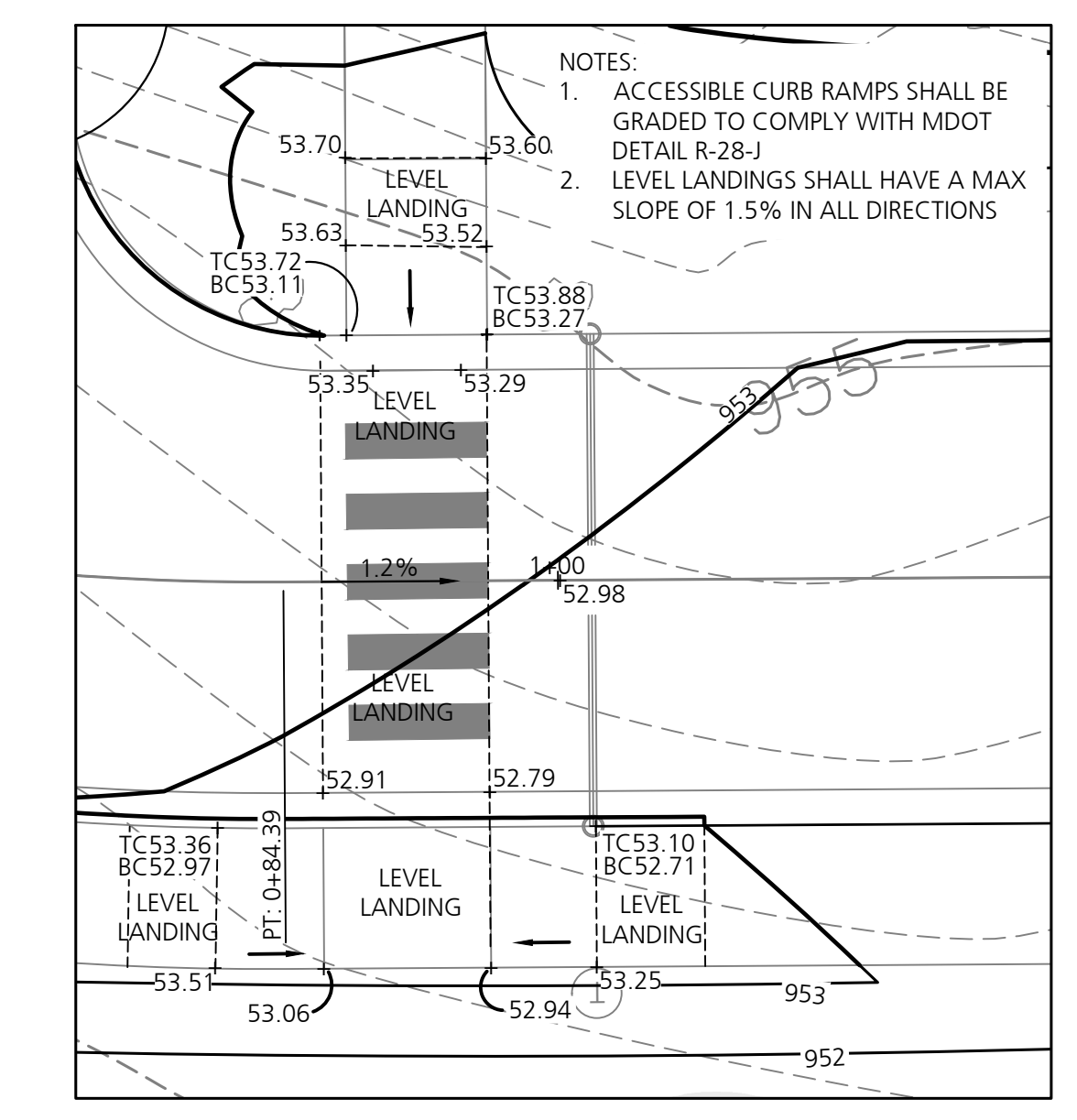
1. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION ALL WORK COMPLETED IN CONFORMANCE WITH CURRENT ADA STANDARDS.
2. PROPOSED CONTOUR LINES AND SPOT ELEVATIONS REFLECT FINISH GRADES. HOLD DOWN SUBGRADE ELEVATIONS ACCORDINGLY. ADJUST RIM ELEVATIONS OF ALL UTILITIES AFFECTED BY WORK IN THIS CONTRACT. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE ON THE SITE. ANY AREA THAT APPEARS TO NOT PROPERLY DRAIN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT/ENGINEER FOR RESOLUTION.
3. ALL SIDEWALKS AND PATHWAYS SHALL HAVE A CROSS SLOPE OF 1.5 MAX, UNLESS OTHERWISE NOTED.
4. FOR ROAD PROFILES, SEE SHEETS C4.3 AND C4.4.

EXCESS EXCAVATION SOILS NOTES

1. EXCESS SOILS GENERATED FROM PROJECT EXCAVATION SHALL BE PLACED AND STOCKPILED IN LOCATIONS TO BE IDENTIFIED BY THE OWNER IN THE ADJACENT FARM FIELD IMMEDIATELY NORTHWEST OF THE PROJECT SITE.
2. CONTRACTOR SHALL PROVIDE SESC CONTROLS AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING SILT FENCE AND STOCKPILE STABILIZATION SEEDING.
3. CONTRACTOR SHALL STRIP AND STOCKPILE FARM FIELD TOPSOIL PRIOR TO PLACEMENT OF EXCESS SOILS.
4. SEPARATE EXCESS SOILS ACCORDING TO SUITABLE FILL MATERIAL, TOPSOIL, AND HIGH ORGANIC MATERIAL (MUCK, MARLE, ETC.). PLACE IN LOCATIONS IDENTIFIED BY OWNER AFTER STRIPPING FARM FIELD TOPSOIL. PLACE EXCESS SOILS CONFORMING TO LIFT THICKNESSES AND COMPACTION REQUIREMENTS OF PROJECT SPECIFICATIONS.

GRADING LEGEND

+ ME	MATCH EX GRADE	---	PARCEL LINE
+ 80.84	PR SPOT GRADE (+900)	---	RIGHT-OF-WAY LINE
+ TC 77.52	PR TOP OF CURB GRADE (+900)	---	LIMIT OF WORK LINE
+ BC 77.02	PR BOTTOM OF CURB GRADE (+900)	---	LIMIT OF GRADING
+ RIM 89.00	PR RIM ELEVATION (+900)	---	EX MINOR CONTOUR
+ INV 73.25	PR INVERT ELEVATION (+900)	---	EX MAJOR CONTOUR
+ 75.67	EX SPOT GRADE	---	PR MINOR CONTOUR
		---	PR MAJOR CONTOUR
		---	SLOPE BREAK
		---	TREE PROTECTION FENCE
		---	FILTER FABRIC FENCE



1 ADA RAMP GRADING
1" = 10 FEET

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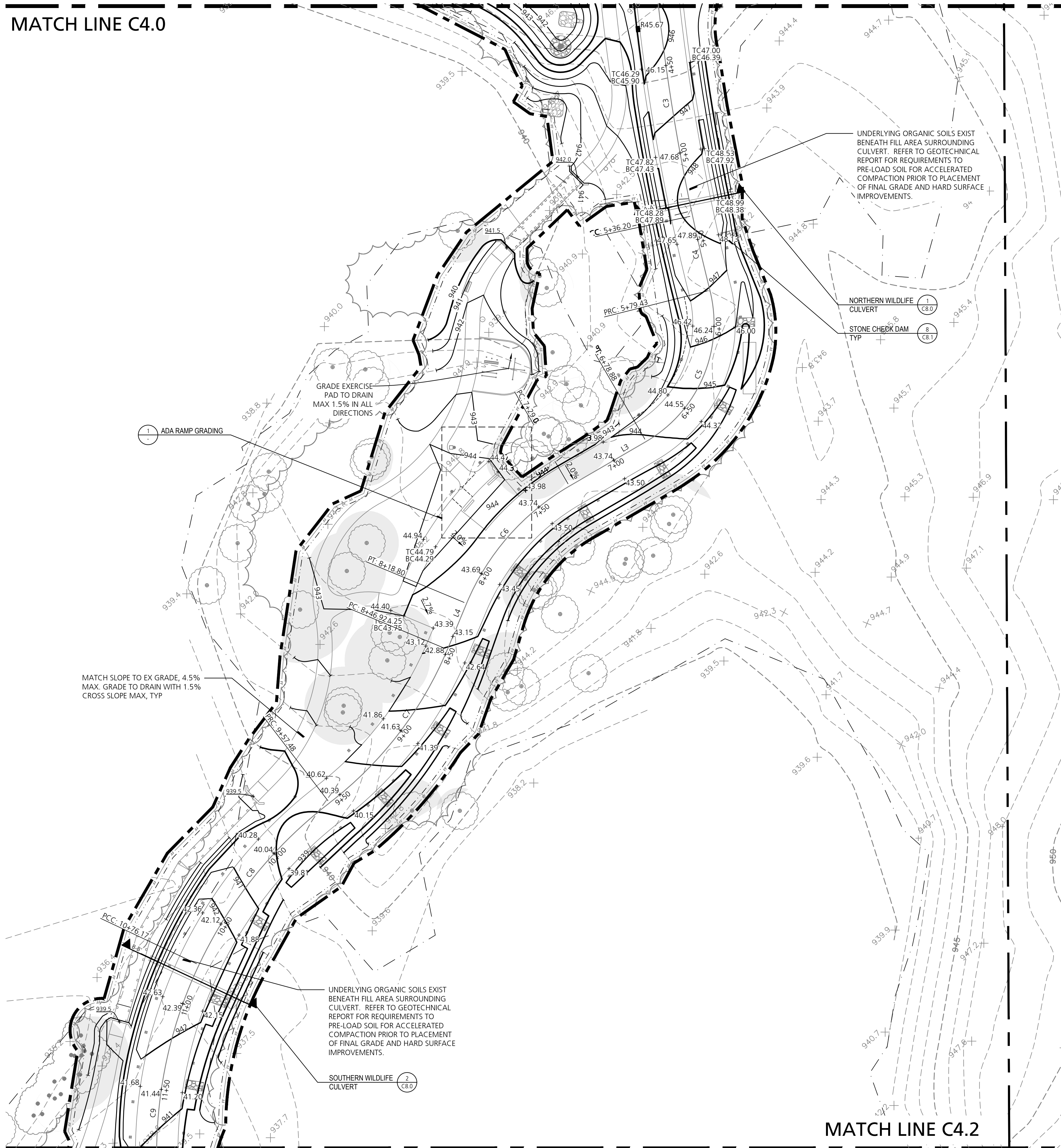
Project Number

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Sheet Number

C4.0 GRADING PLAN - AREA A

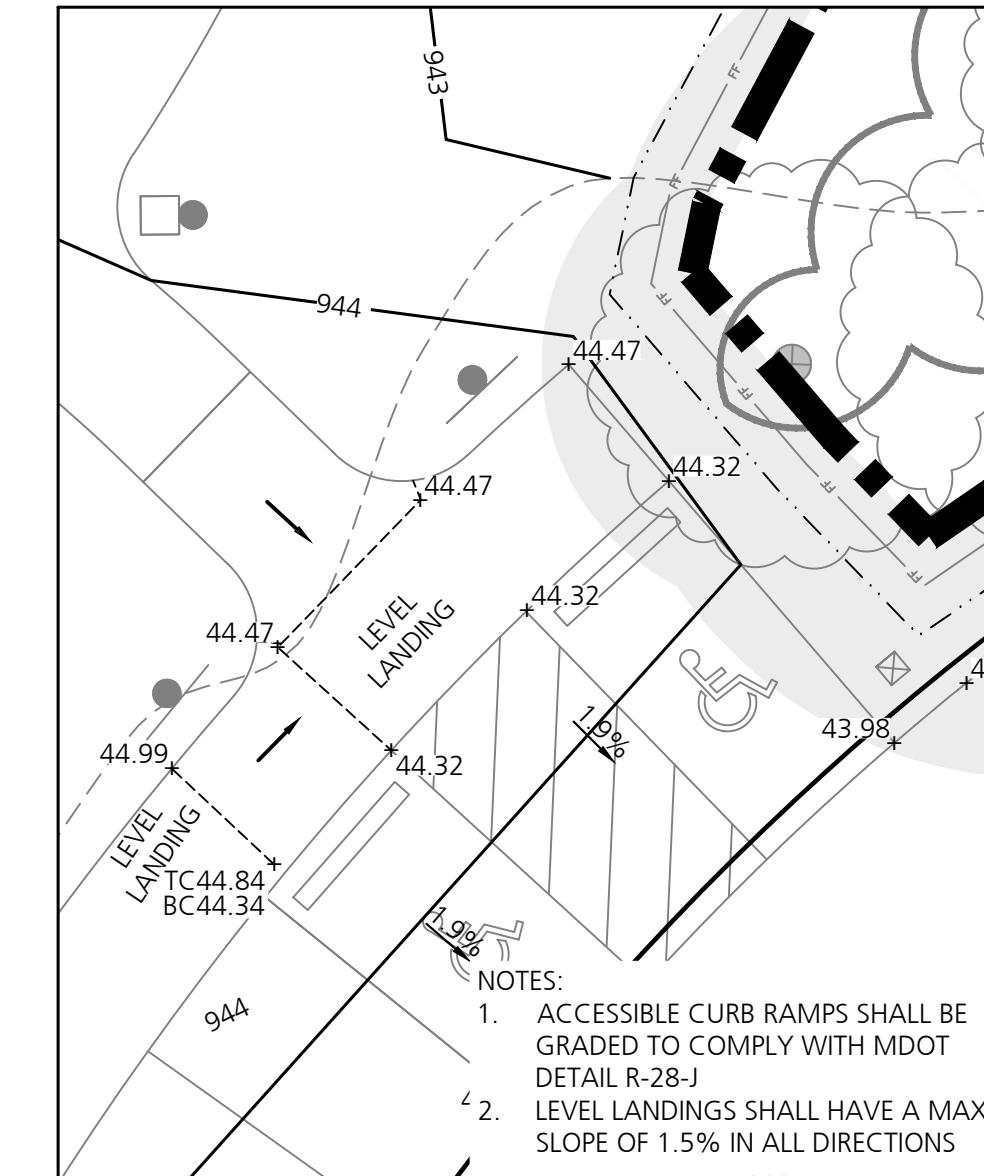
MATCH LINE C4.0



MATCH LINE C4.2

GRADING PLAN NOTES & LEGENDS

SEE GRADING PLAN NOTES AND LEGENDS SEE SHEET C4.0



1 ADA RAMP GRADING
1" = 10 FEET

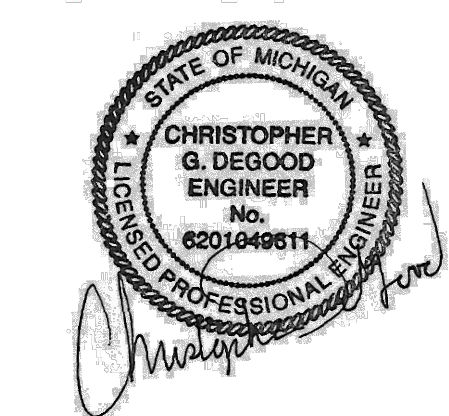
- NOTES:
1. ACCESSIBLE CURB RAMP SHALL BE GRADED TO COMPLY WITH MDOT DETAIL R-28-J
 2. LEVEL LANDINGS SHALL HAVE A MAX SLOPE OF 1.5% IN ALL DIRECTIONS

B R I
Beckett & Raeder

Landscape Architecture
Planning, Engineering &
Environmental Services

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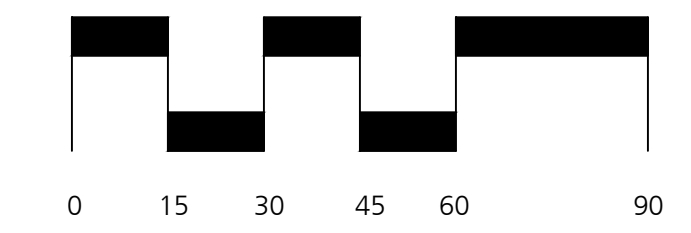
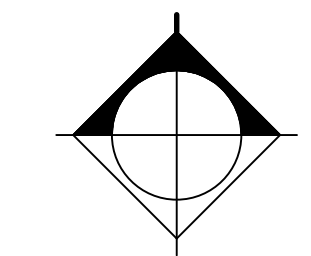
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Sheet Number

C4.1 GRADING PLAN - AREA B



MATCH LINE C4.1

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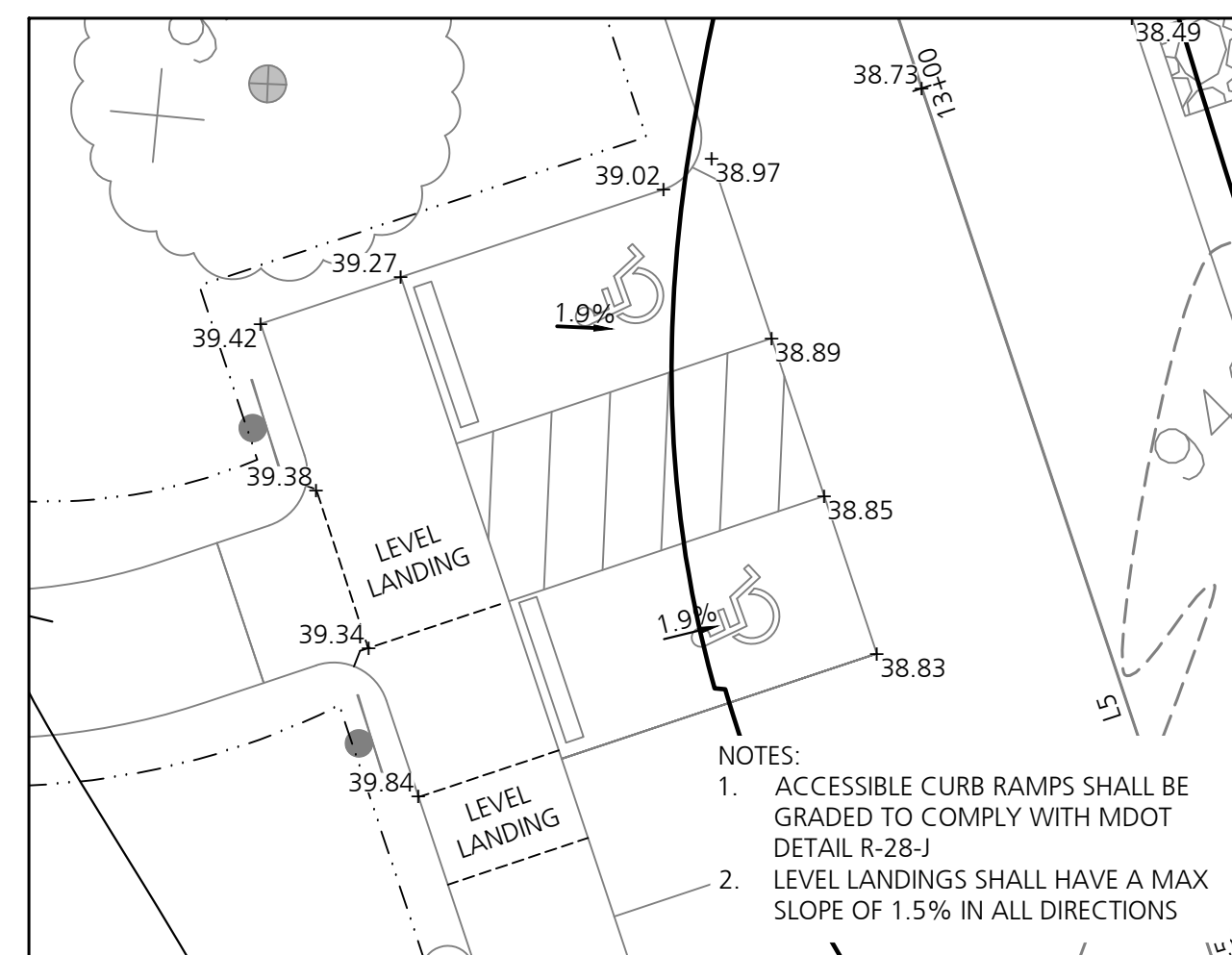
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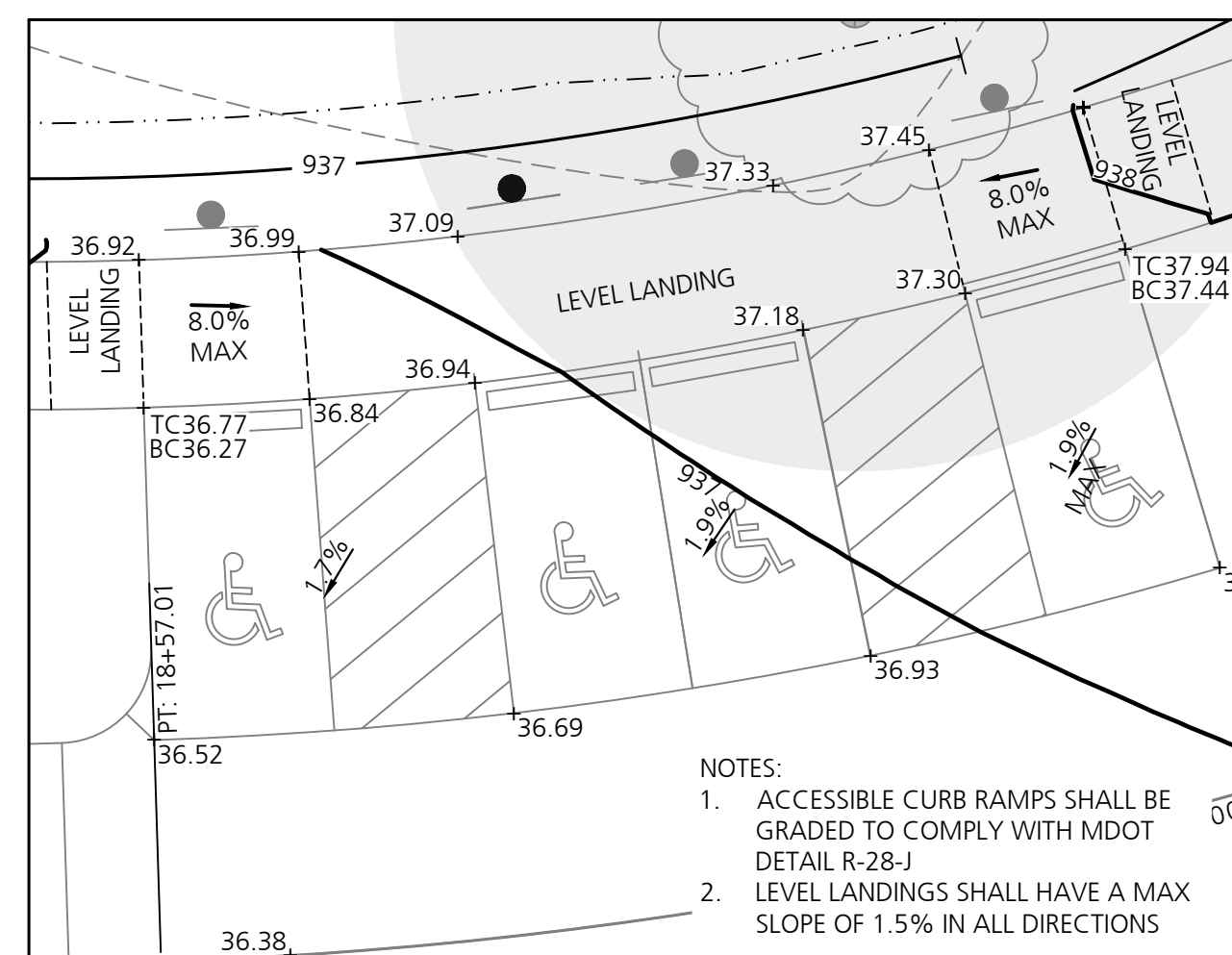
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Sheet Number

C4.2 GRADING PLAN - AREA C



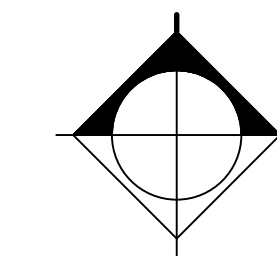
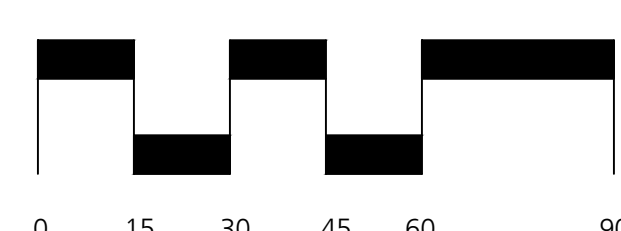
1 ADA RAMP GRADING
1" = 10 FEET



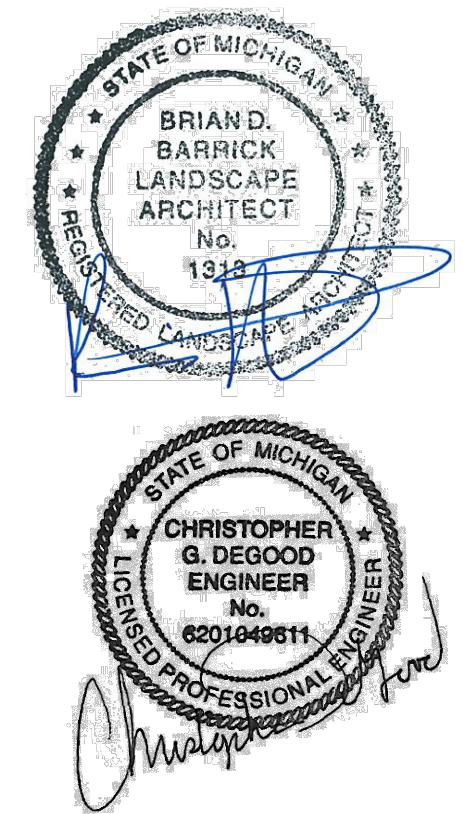
2 ADA RAMP GRADING
1" = 10 FEET



Know what's below.
Call before you dig.



Consultants



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01.04.2024	BIDDING

Scale

Quality Control

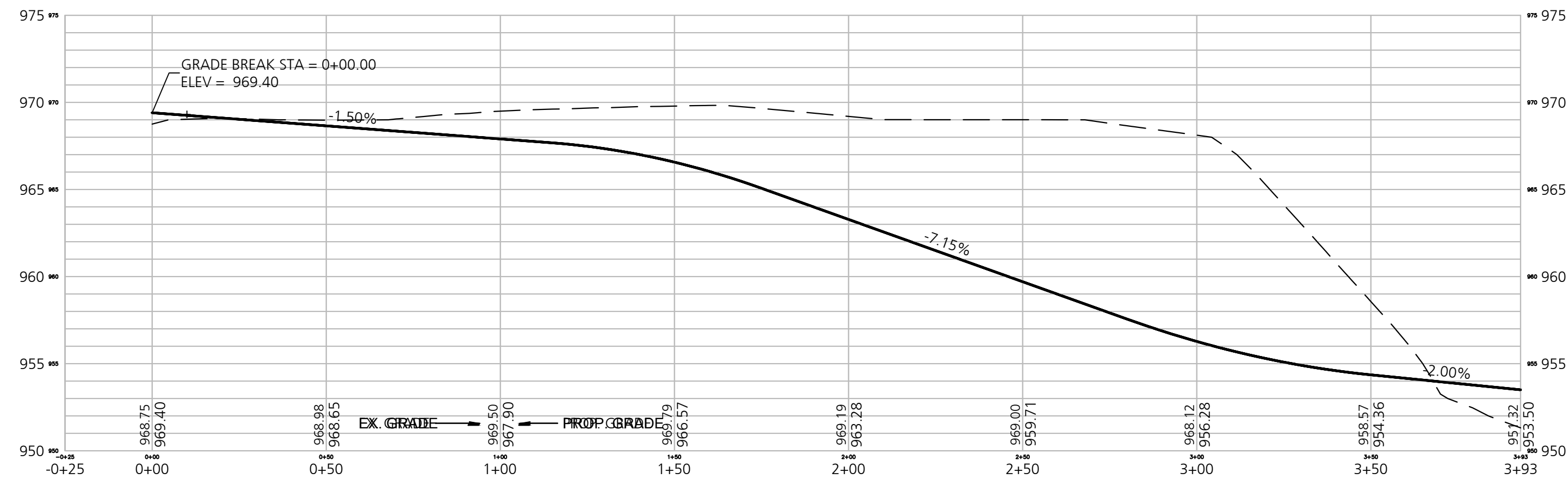
Drawn: MK, LDS
 Checked: LDS, BB
 Approved: BB

Project Number

2022024

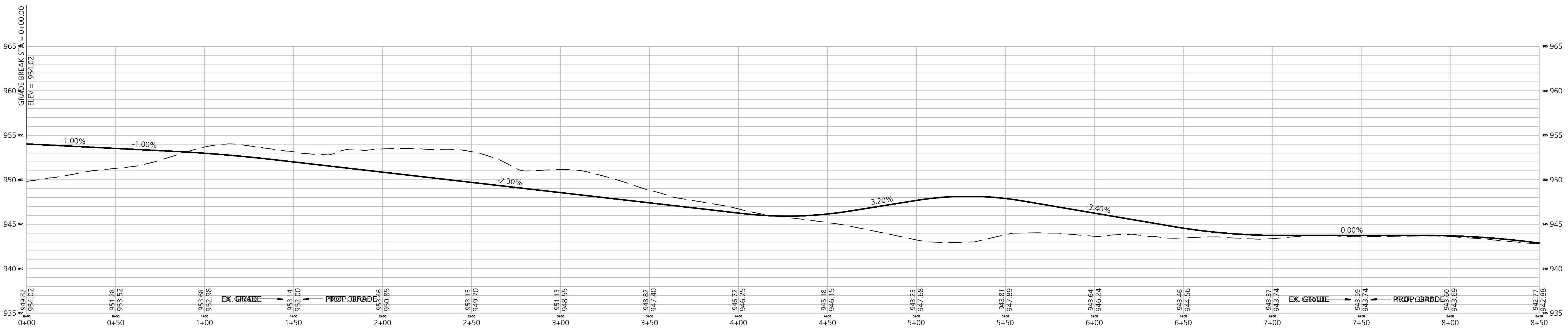
Sheet Number

C4.3 ROAD PROFILE (1)



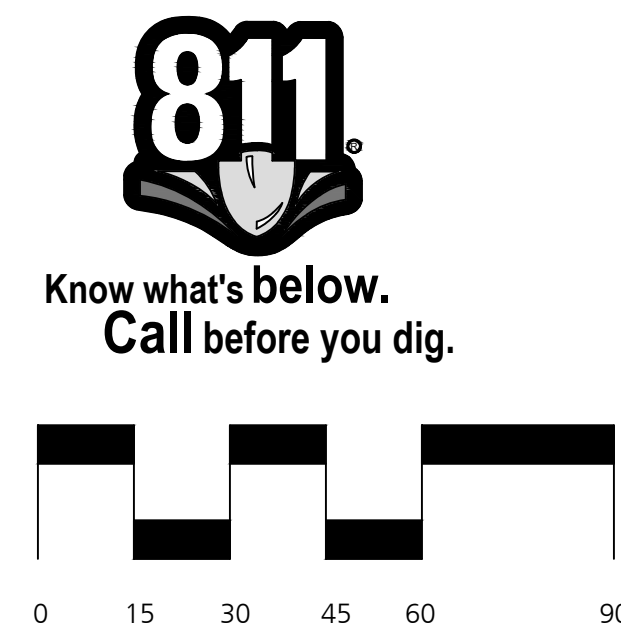
1 Entrance Road STA -0+25 to 3+93

HORIZONTAL SCALE: 1" = 30'

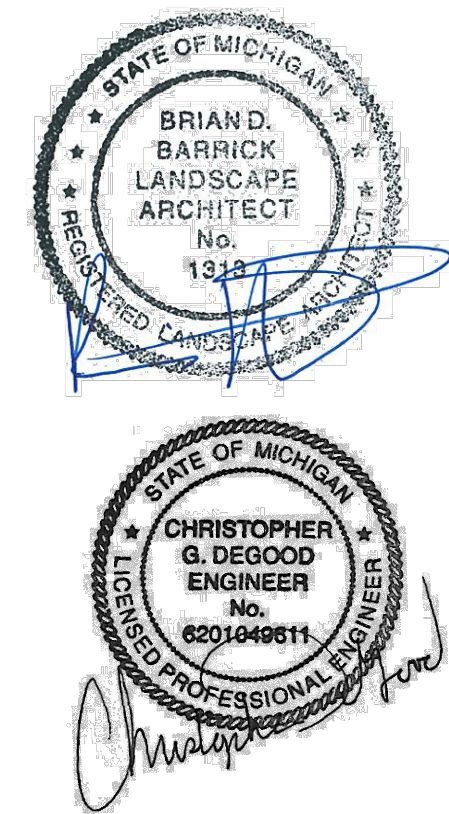


2 Main Drive STA 0+00 to 8+50

HORIZONTAL SCALE: 1" = 30'



Consultants



Seal

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White Lake Twp.
 Stanley Park
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Quality Control

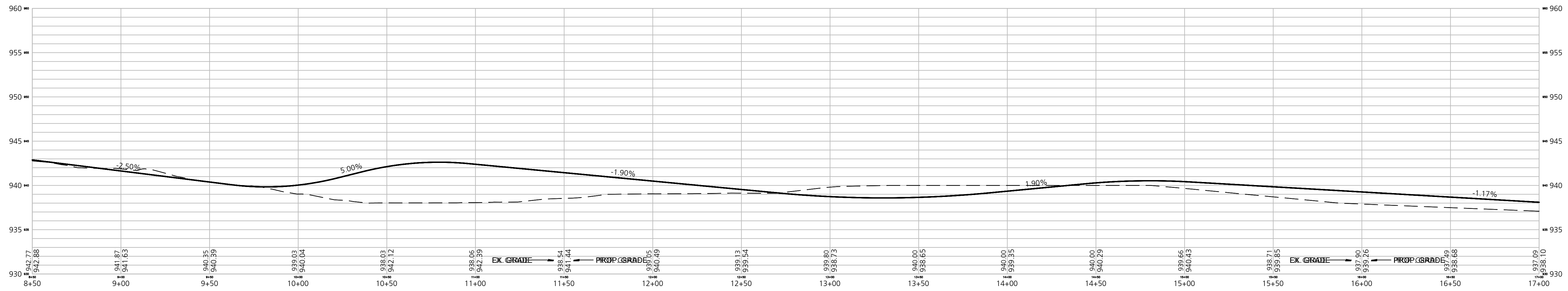
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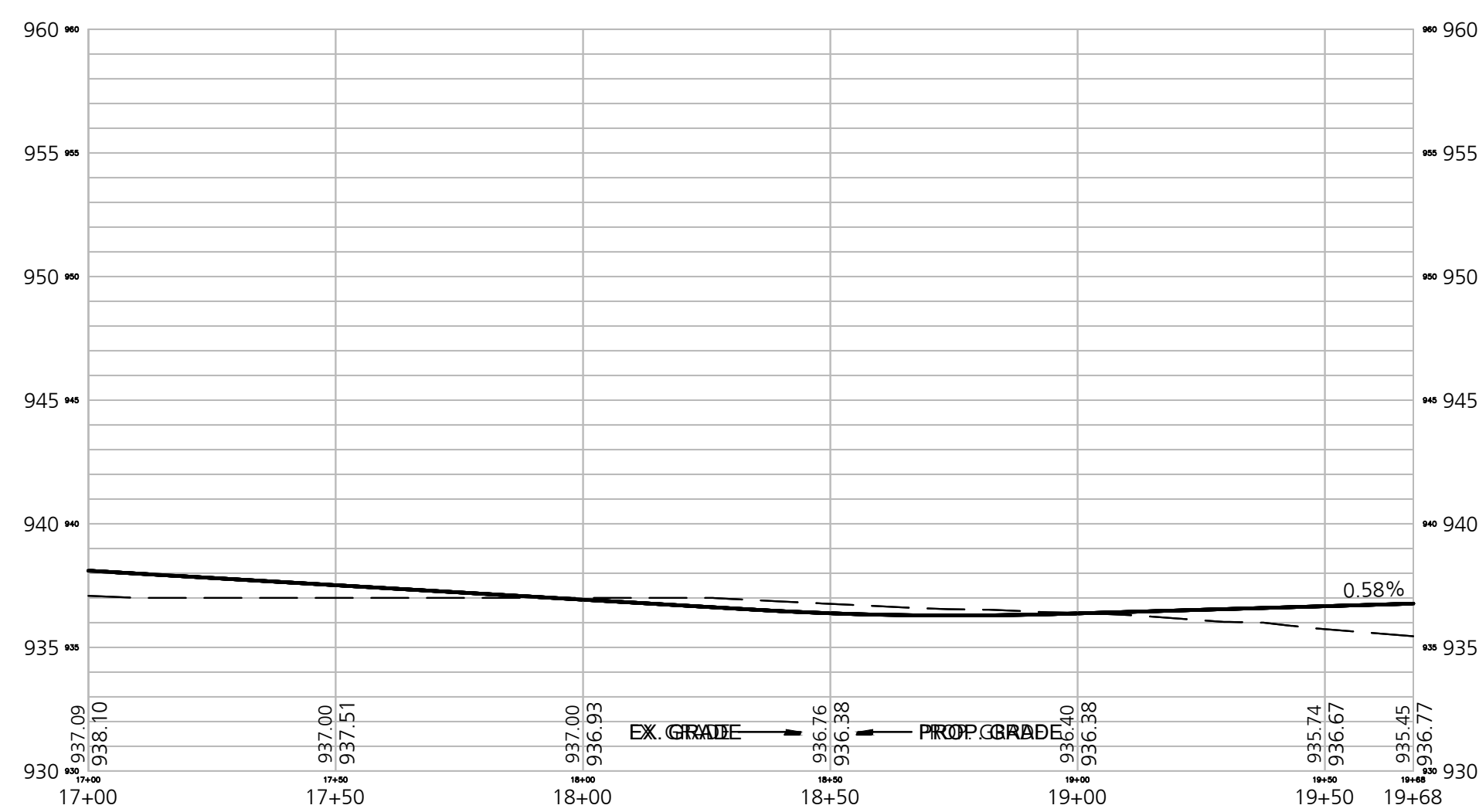
Sheet Number

C4.4 ROAD PROFILE (2)



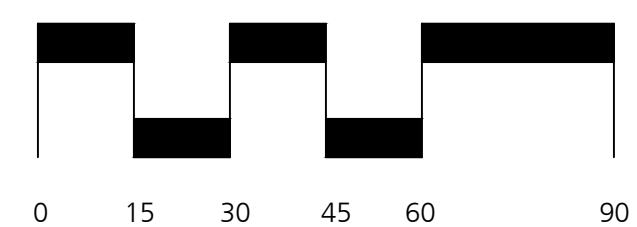
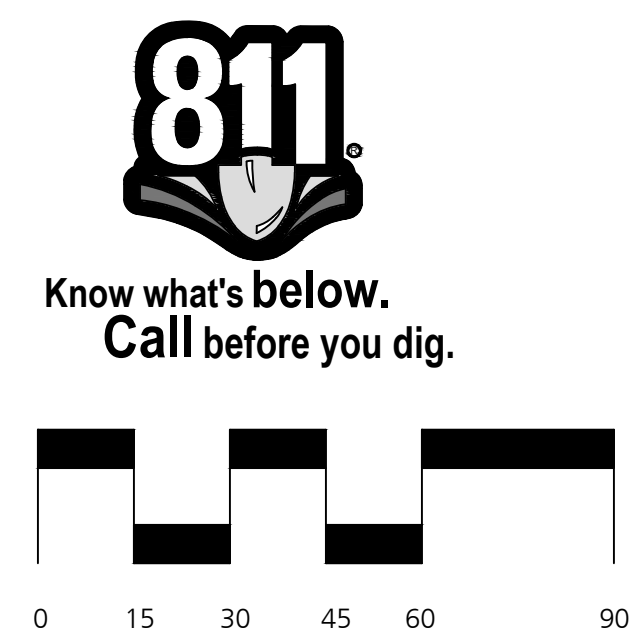
1 Main Drive STA 8+50 to 17+00

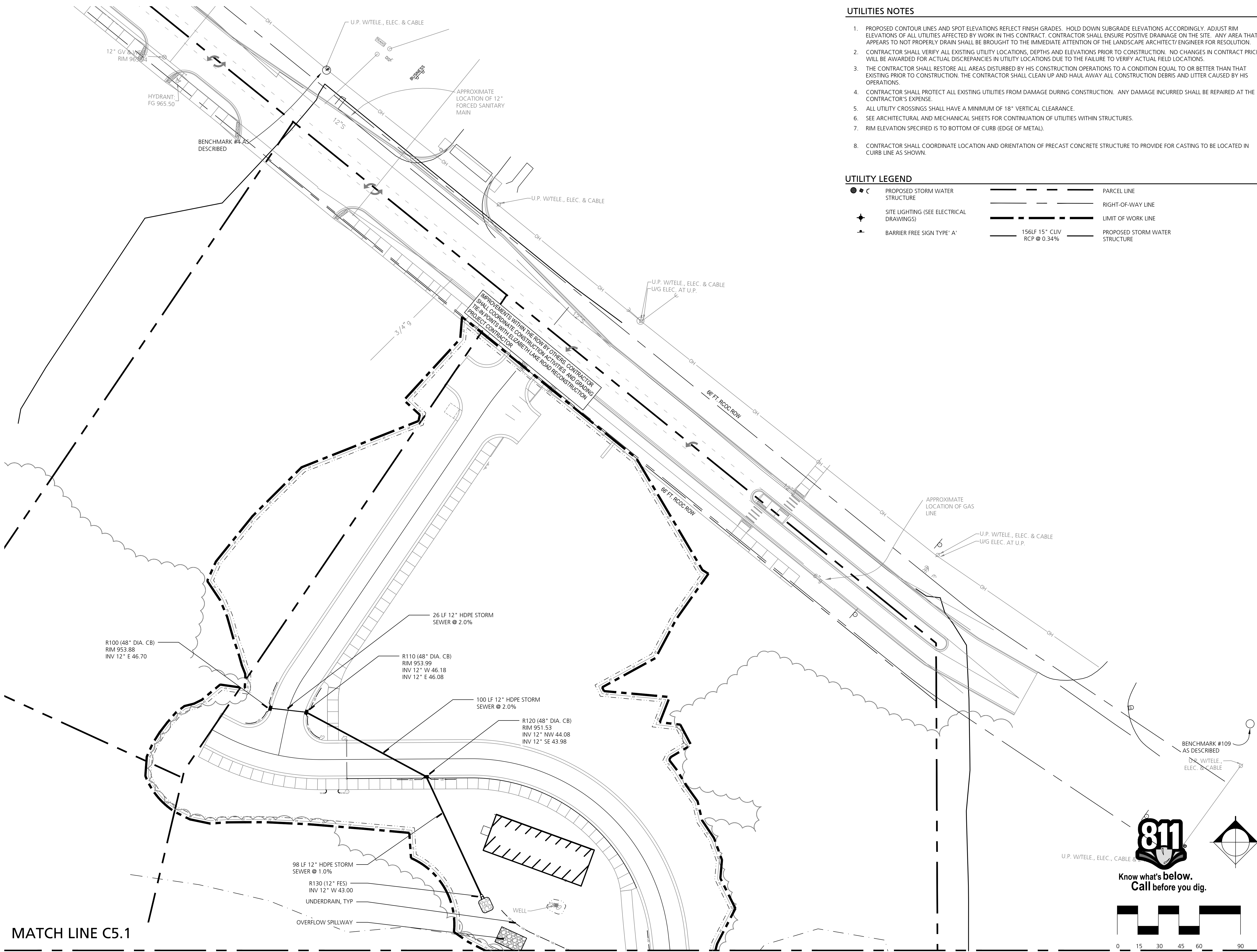
HORIZONTAL SCALE: 1" = 30'



2 Main Drive STA 17+00 TO 19+68

HORIZONTAL SCALE: 1" = 30'





UTILITIES NOTES

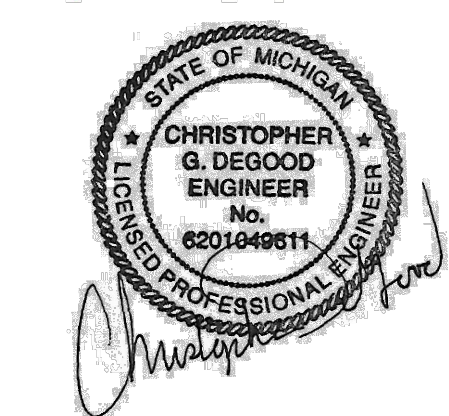
1. PROPOSED CONTOUR LINES AND SPOT ELEVATIONS REFLECT FINISH GRADES. HOLD DOWN SUBGRADE ELEVATIONS ACCORDINGLY. ADJUST RIM ELEVATIONS OF ALL UTILITIES AFFECTED BY WORK IN THIS CONTRACT. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE ON THE SITE. ANY AREA THAT APPEARS TO NOT PROPERLY DRAIN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT/ENGINEER FOR RESOLUTION.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS, DEPTHS AND ELEVATIONS PRIOR TO CONSTRUCTION. NO CHANGES IN CONTRACT PRICE WILL BE AWARDED FOR ACTUAL DISCREPANCIES IN UTILITY LOCATIONS DUE TO THE FAILURE TO VERIFY ACTUAL FIELD LOCATIONS.
3. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY HIS CONSTRUCTION OPERATIONS TO A CONDITION EQUAL TO OR BETTER THAN THAT EXISTING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CLEAN UP AND HAUL AWAY ALL CONSTRUCTION DEBRIS AND LITTER CAUSED BY HIS OPERATIONS.
4. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE INCURRED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. ALL UTILITY CROSSINGS SHALL HAVE A MINIMUM OF 18" VERTICAL CLEARANCE.
6. SEE ARCHITECTURAL AND MECHANICAL SHEETS FOR CONTINUATION OF UTILITIES WITHIN STRUCTURES.
7. RIM ELEVATION SPECIFIED IS TO BOTTOM OF CURB (EDGE OF METAL).
8. CONTRACTOR SHALL COORDINATE LOCATION AND ORIENTATION OF PRECAST CONCRETE STRUCTURE TO PROVIDE FOR CASTING TO BE LOCATED IN CURB LINE AS SHOWN.

UTILITY LEGEND

● C	PROPOSED STORM WATER STRUCTURE	---	PARCEL LINE
+	SITE LIGHTING (SEE ELECTRICAL DRAWINGS)	---	RIGHT-OF-WAY LINE
+	BARRIER FREE SIGN TYPE 'A'	---	LIMIT OF WORK LINE
		---	156LF 15" CLIV RCP @ 0.34%
		---	PROPOSED STORM WATER STRUCTURE

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 535 West William, Suite 101
 Ann Arbor, MI 48103
 734.663.2622 ph
 734.663.6759 fx

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 MDNR Project No. 26-01868
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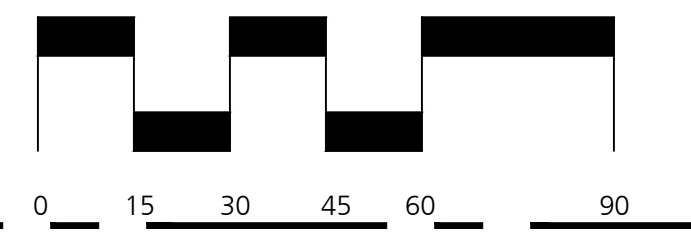
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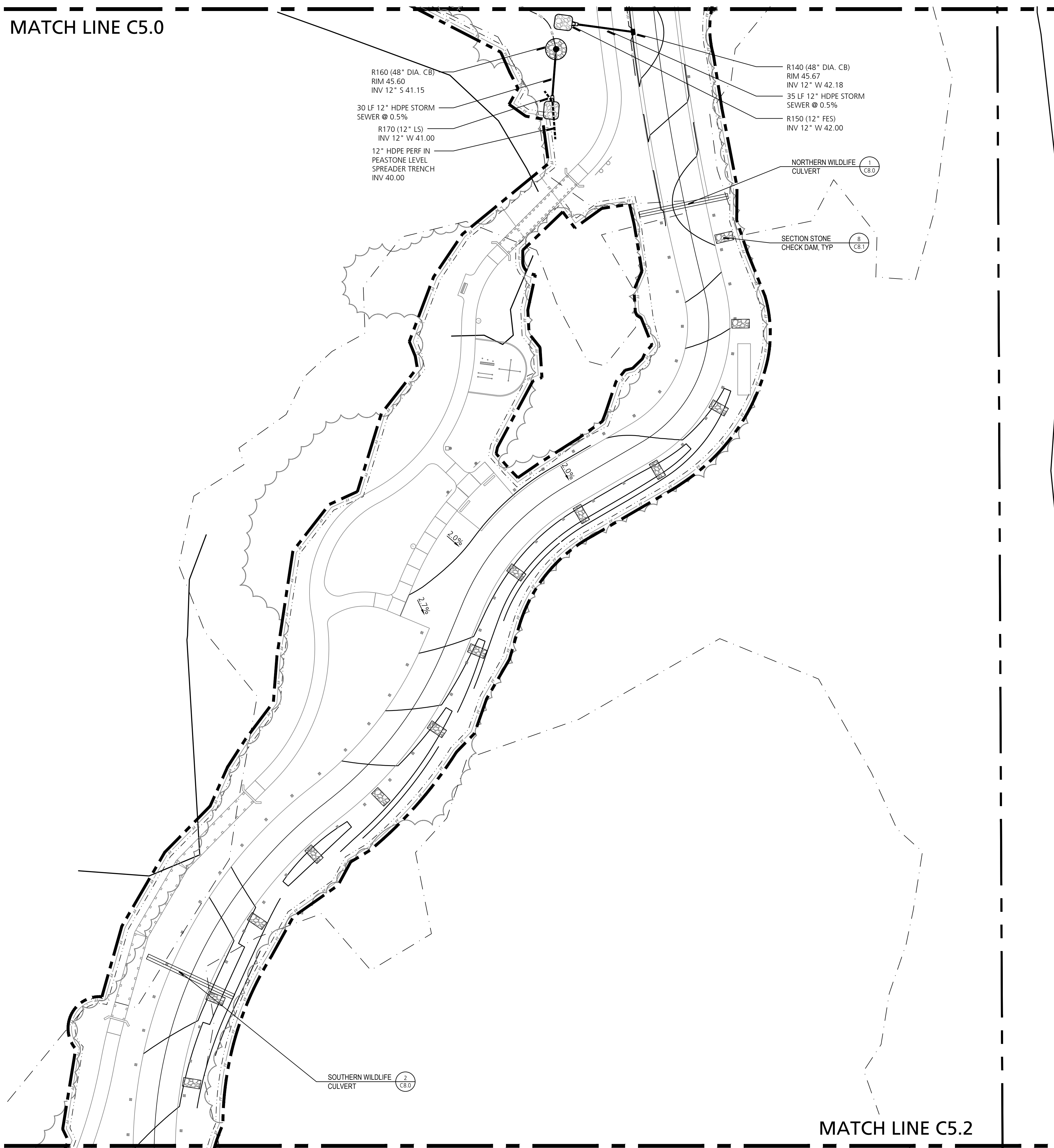
Sheet Number

C5.0 UTILITY PLAN - AREA A



MATCH LINE C5.1

MATCH LINE C5.0

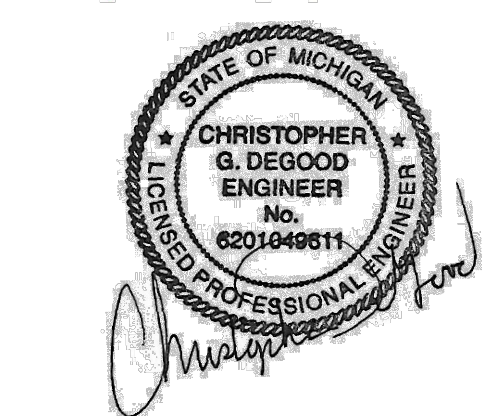


MATCH LINE C5.2

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 Environmental Services

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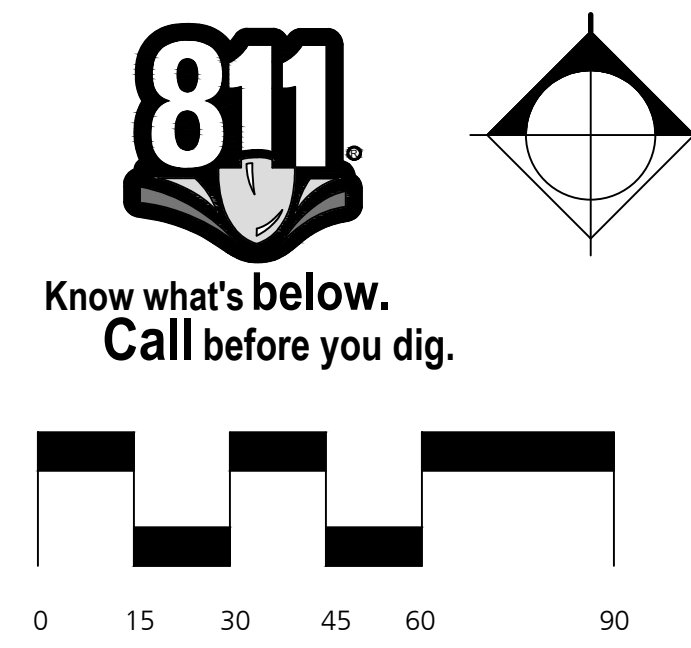
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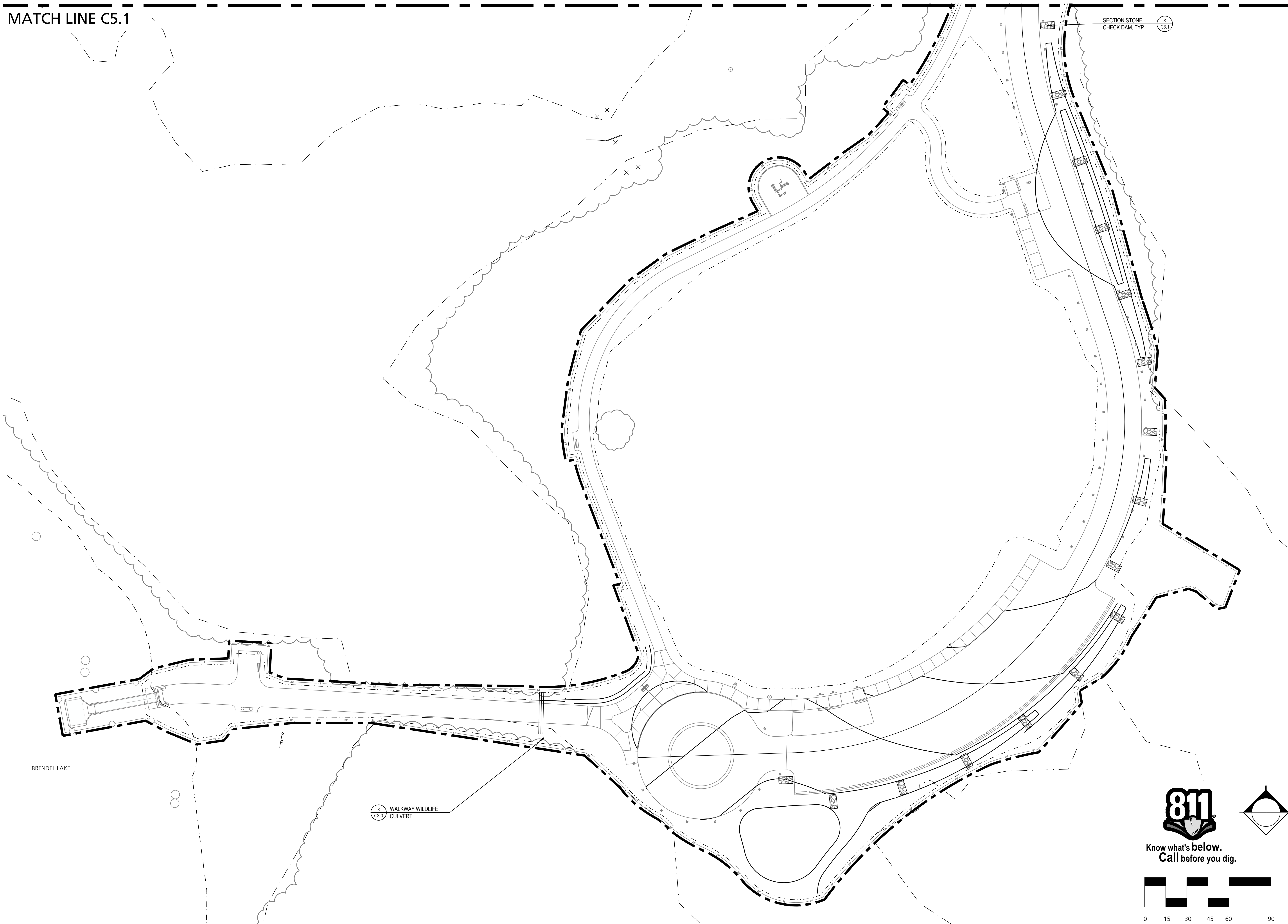
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Sheet Number

C5.1 UTILITY PLAN - AREA B



MATCH LINE C5.1

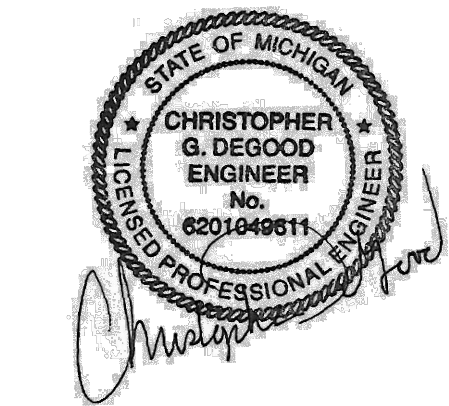


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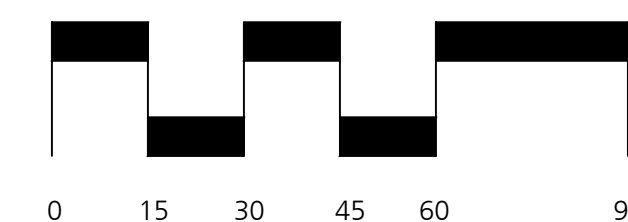
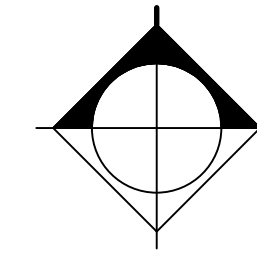
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Sheet Number

C5.2 UTILITY PLAN - AREA C

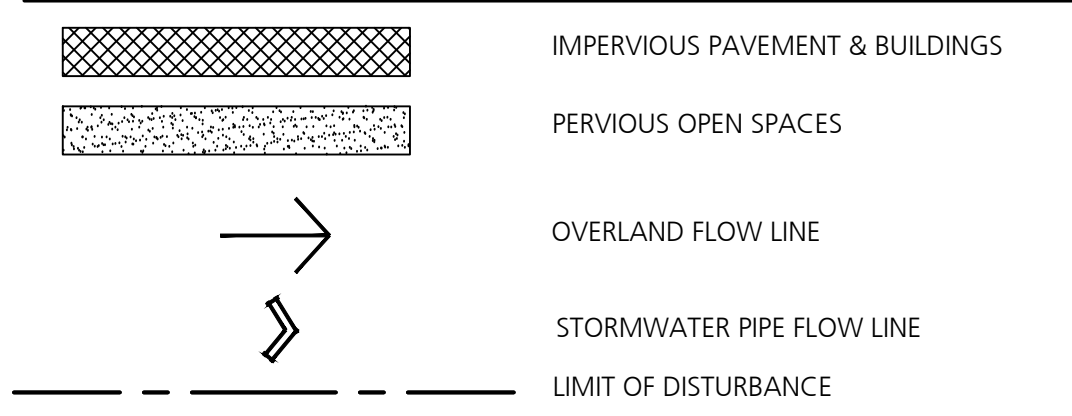


Know what's below.
Call before you dig.





STORMWATER MANAGEMENT LEGEND



Consultants



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 Stanley Park
 Phase 1 Implementation
 MDNR Project No. 26-01868
 White Lake Township, MI

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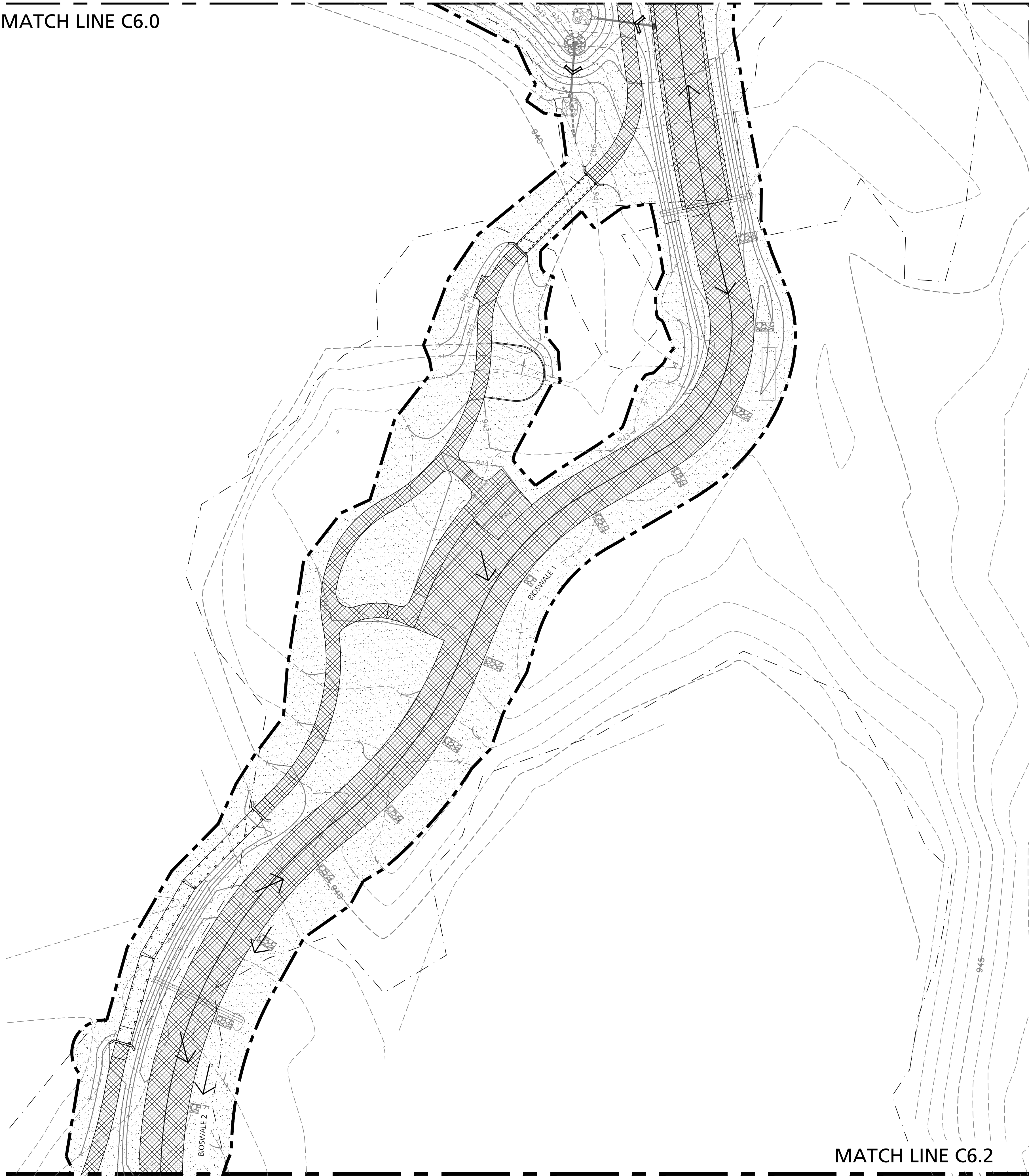
2022024

Sheet Number

C6.0 STORMWATER MANAGEMENT
 PLAN - AREA A

MATCH LINE C6.1

MATCH LINE C6.0



MATCH LINE C6.2

STORMWATER SUMMARY:

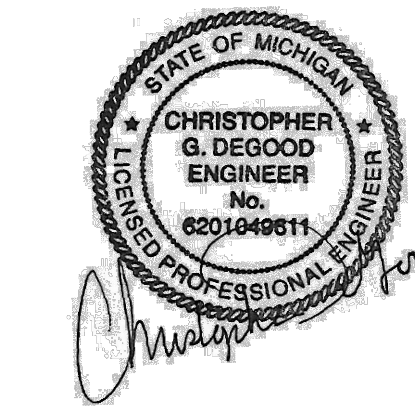
Area	9.68	ac
Prop. Impervious	2.10	ac
Prop. Pervious	7.58	ac
Infiltration Rate		in/hr
Runoff Coefficient, C	0.36	
100-yr peak intensity	13.84	in/hr

THE PROPOSED DESIGN INTENDS TO ELIMINATE CONCENTRATION OF TOTAL SUSPENDED SOLIDS BY MANAGING THE WATER QUALITY VOLUME. THE WATER QUALITY VOLUME WAS CALCULATED USING OAKLAND COUNTY WATER RESOURCES COMMISSIONER 2021 STORMWATER ENGINEERING DESIGN STANDARDS.

EQU (1) $V_{wq} = 3630 \cdot A \cdot C$

Stormwater Management BMP	Required Water Quality Volume (cft)	Provided Water Quality Volume (cft)
Pond 1	2,711	3,950
Pond 2	2,294	4,075

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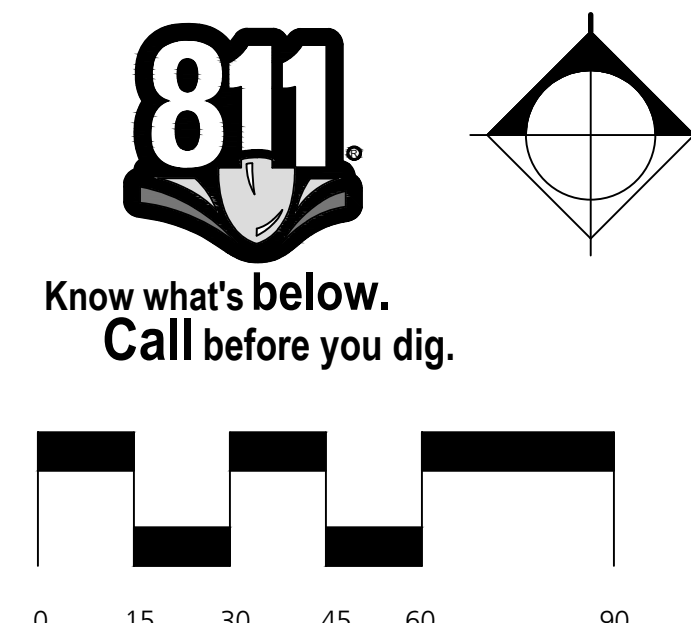
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Sheet Number

C6.1 STORMWATER MANAGEMENT
PLAN - AREA B



MATCH LINE C6.1

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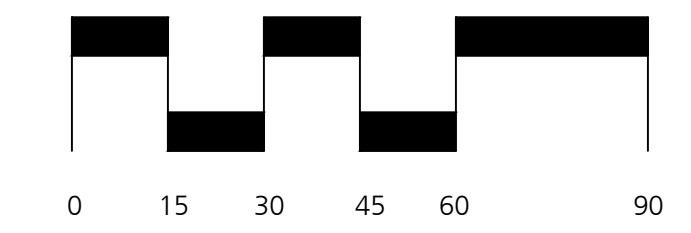
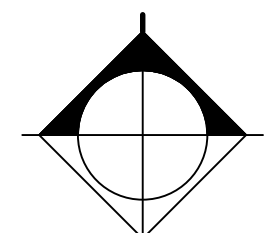
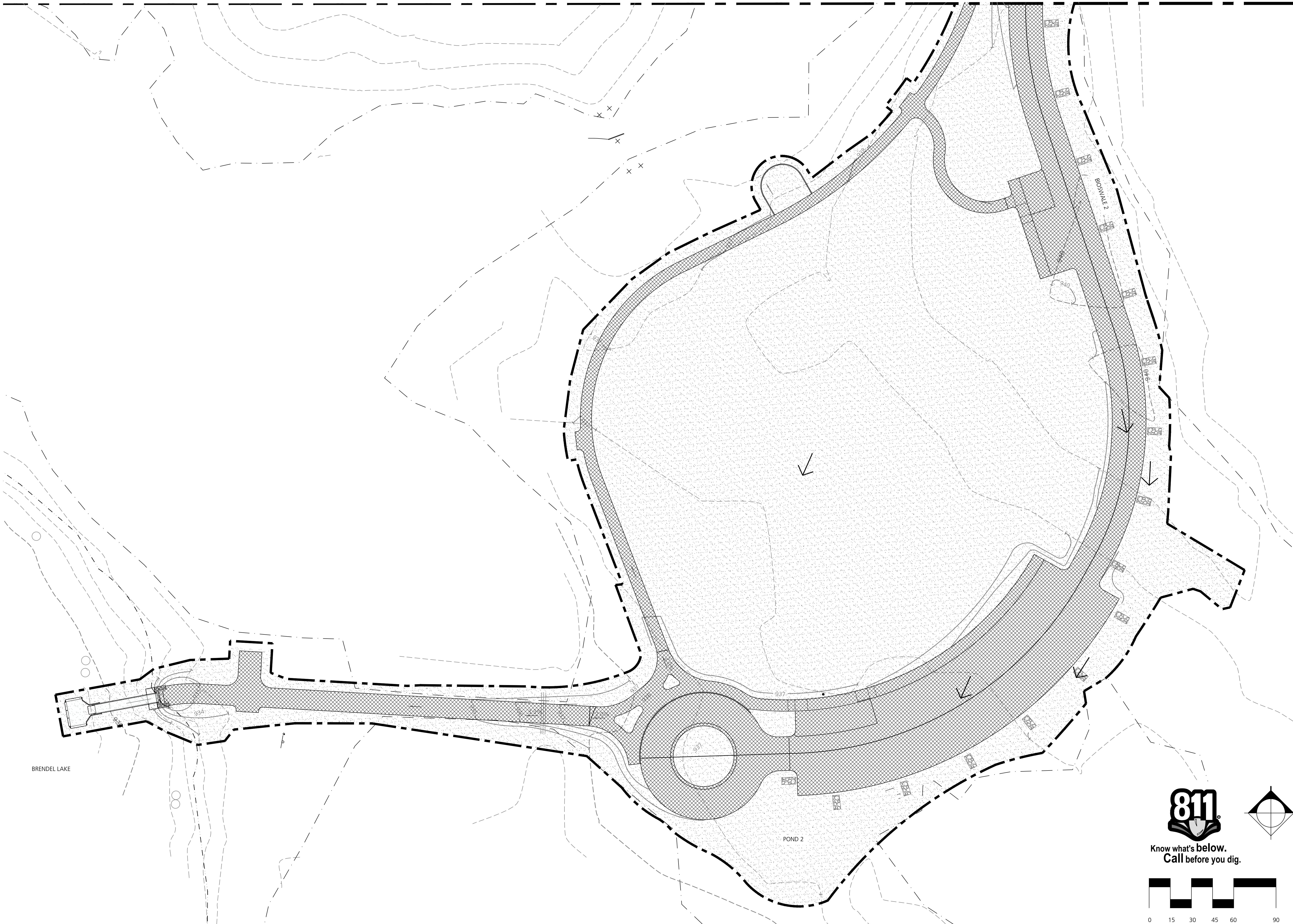
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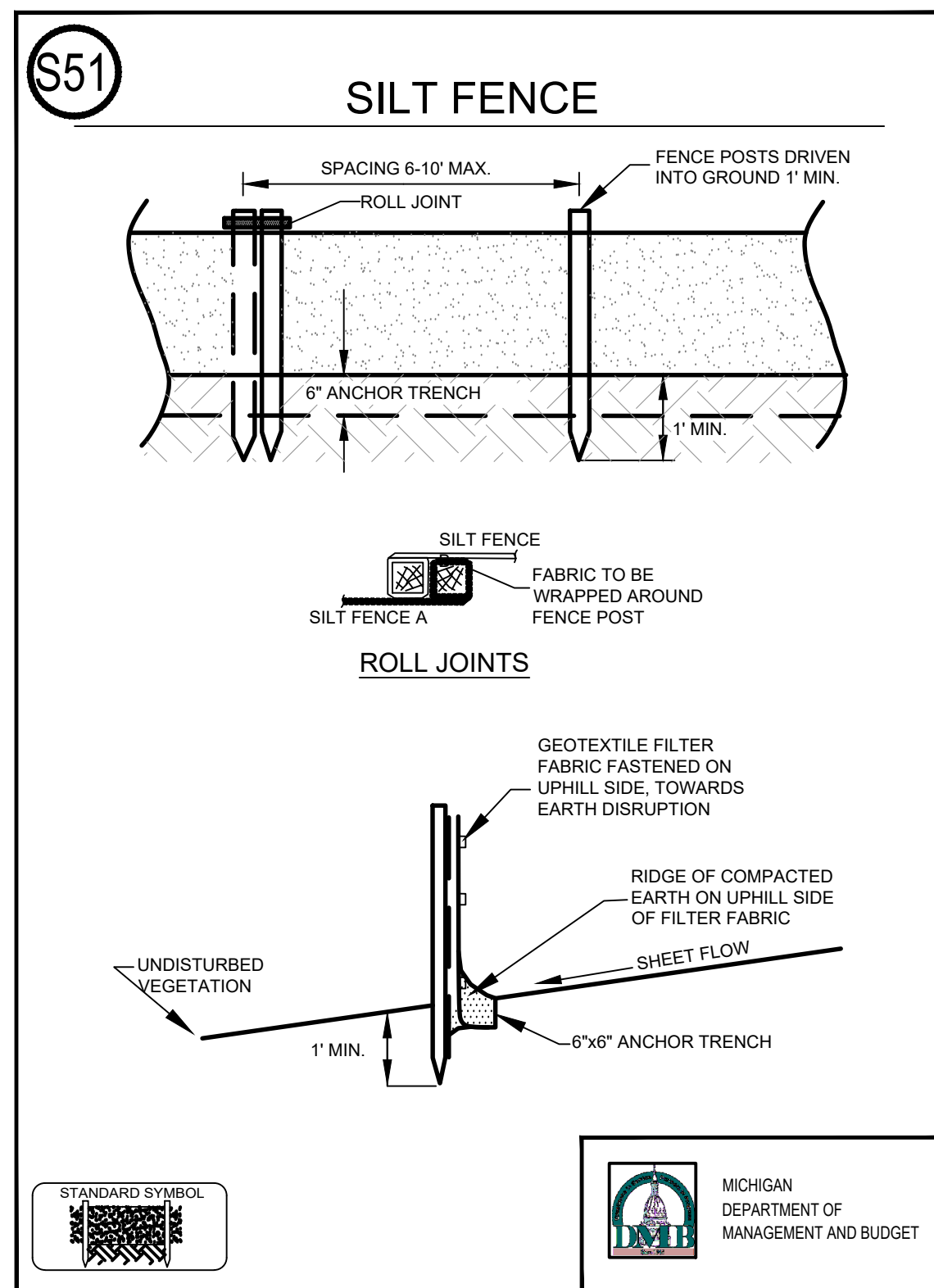
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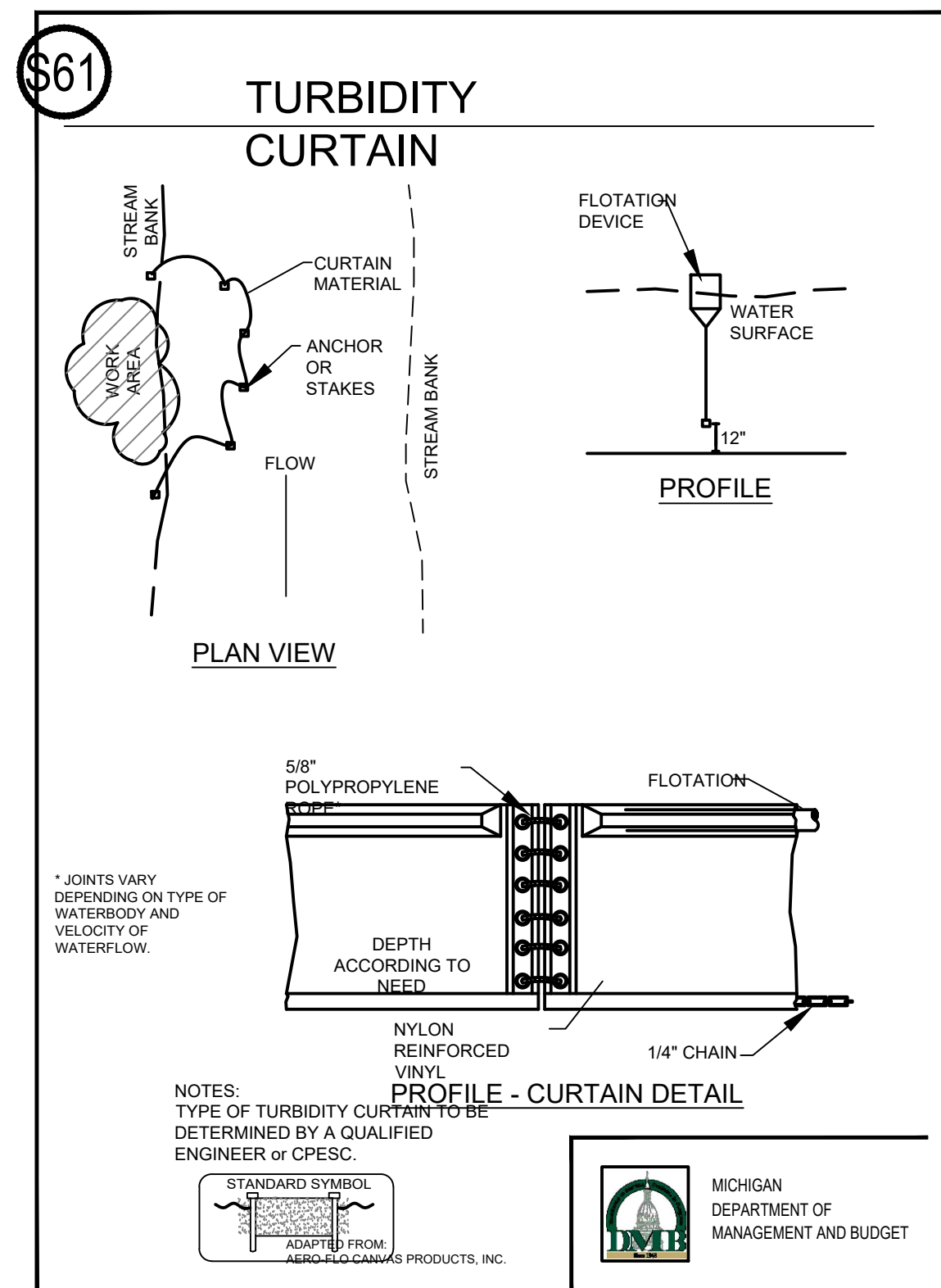
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C6.2 STORMWATER MANAGEMENT
PLAN - AREA C

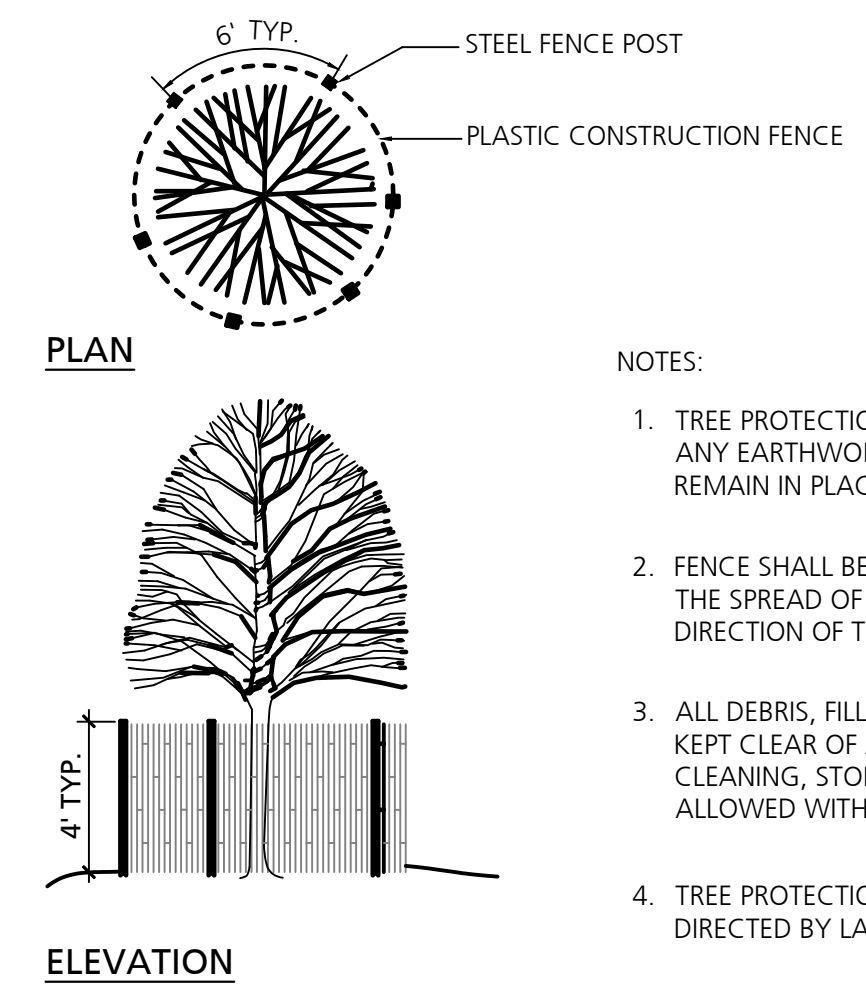




1 Filter Fabric/Wildlife Protection Fence: MDTMB SESC Detail
NO SCALE

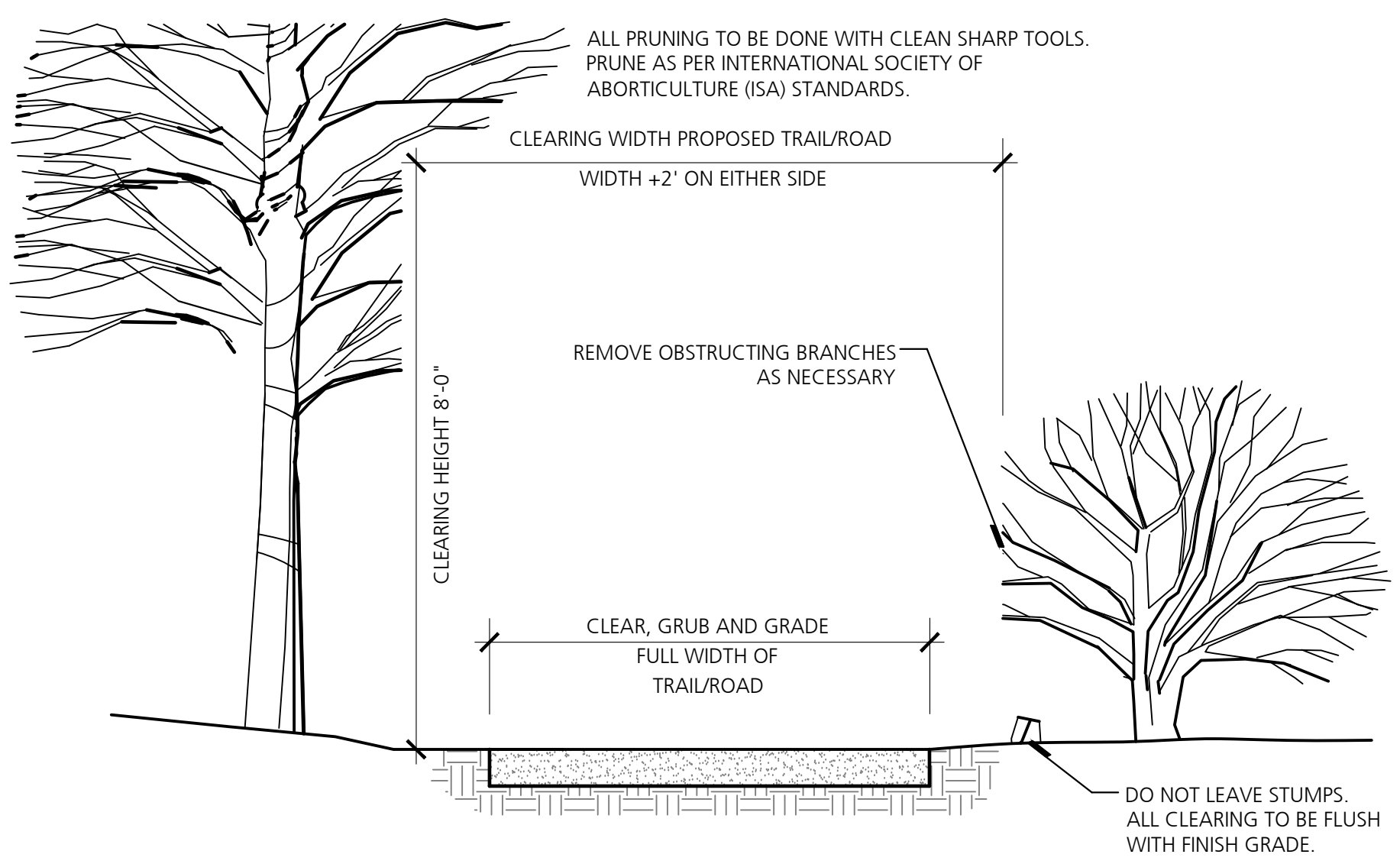


2 Turbidity Curtain: MDTMB SESC Detail
NO SCALE

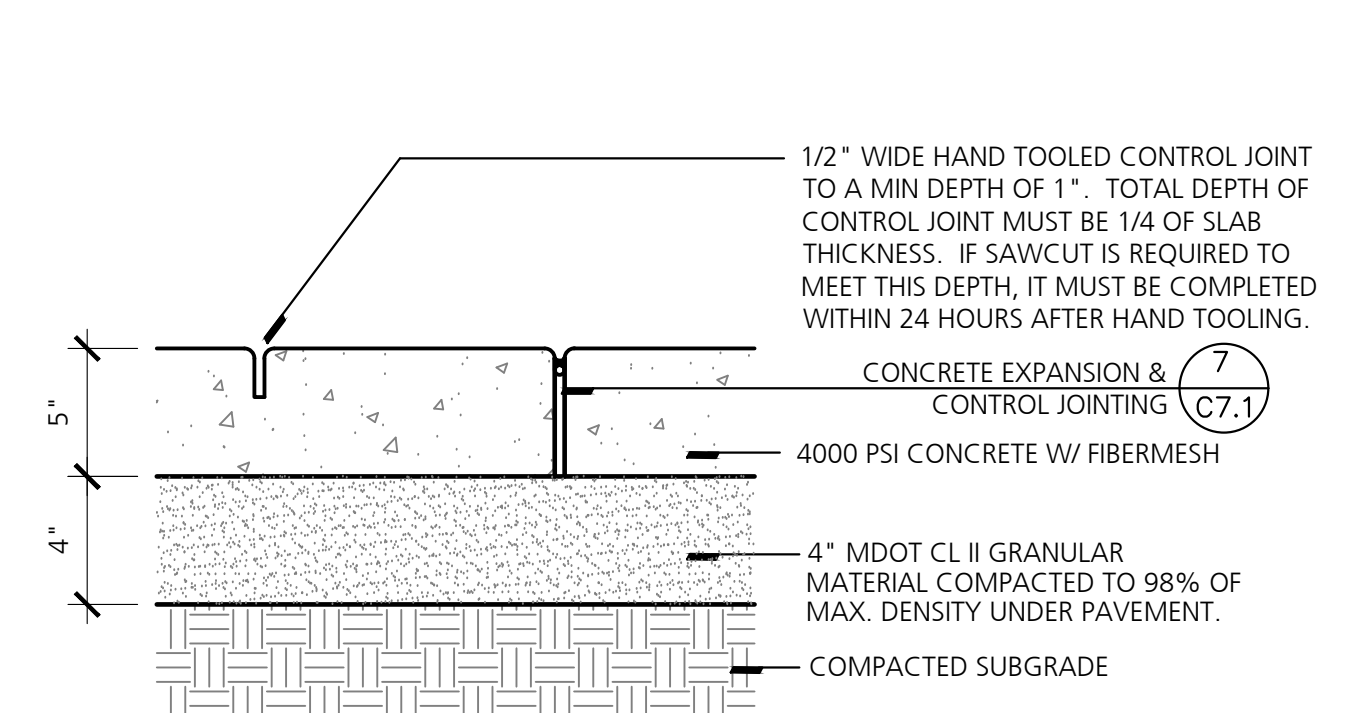


3 Tree Protection Fence
NO SCALE

- NOTES:
- TREE PROTECTION FENCING SHALL BE ERECTED PRIOR TO ANY EARTHWORK OR CONSTRUCTION AND IS TO REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
 - FENCE SHALL BE LOCATED AT THE OUTER PERIMETER OF THE SPREAD OF THE BRANCHES OR CLOSER ONLY AT THE DIRECTION OF THE PROJECT LANDSCAPE ARCHITECT.
 - ALL DEBRIS, FILL, EQUIPMENT AND MATERIAL SHALL BE KEPT CLEAR OF AREA WITHIN PROTECTIVE FENCE. NO CLEANING, STORAGE, OR DISPOSAL OF ANY MATERIAL ALLOWED WITHIN THE DRIP LINE OF TREES TO BE SAVED.
 - TREE PROTECTION FENCING SHALL BE INSTALLED WHERE DIRECTED BY LANDSCAPE ARCHITECT.

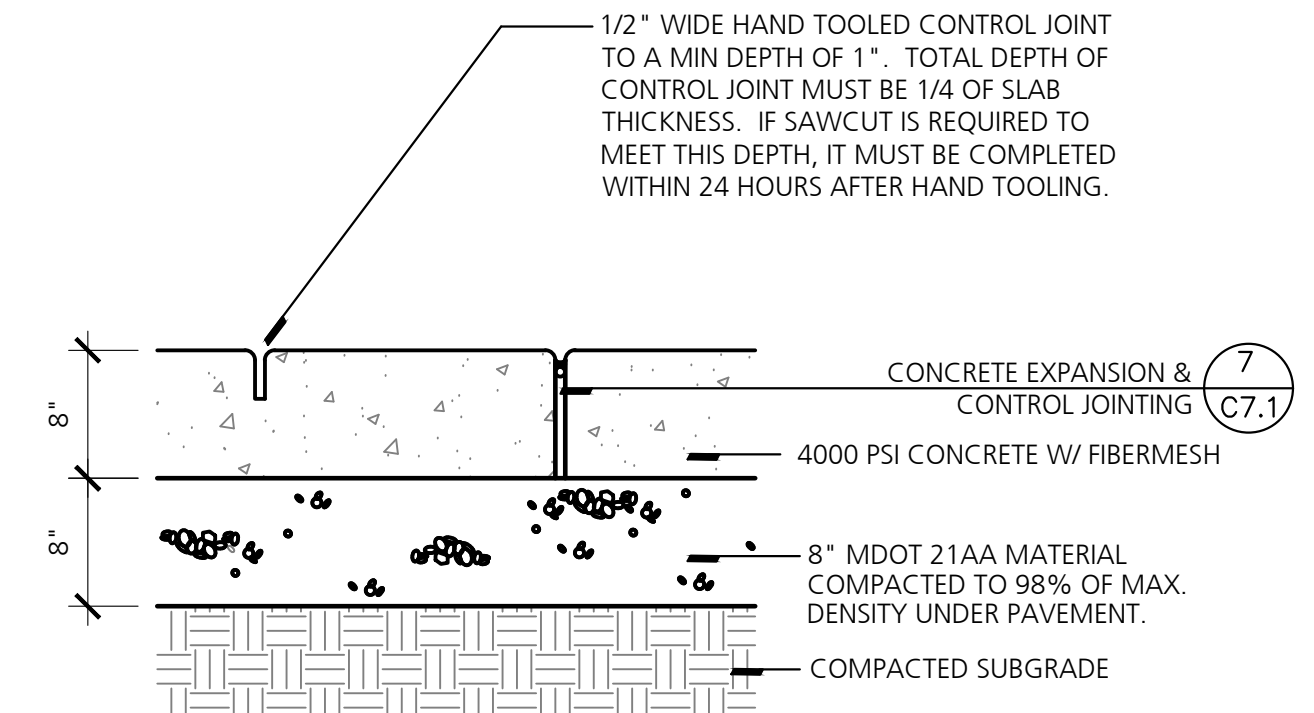


4 Clearing and Grubbing Extents at Trail/Road
NO SCALE



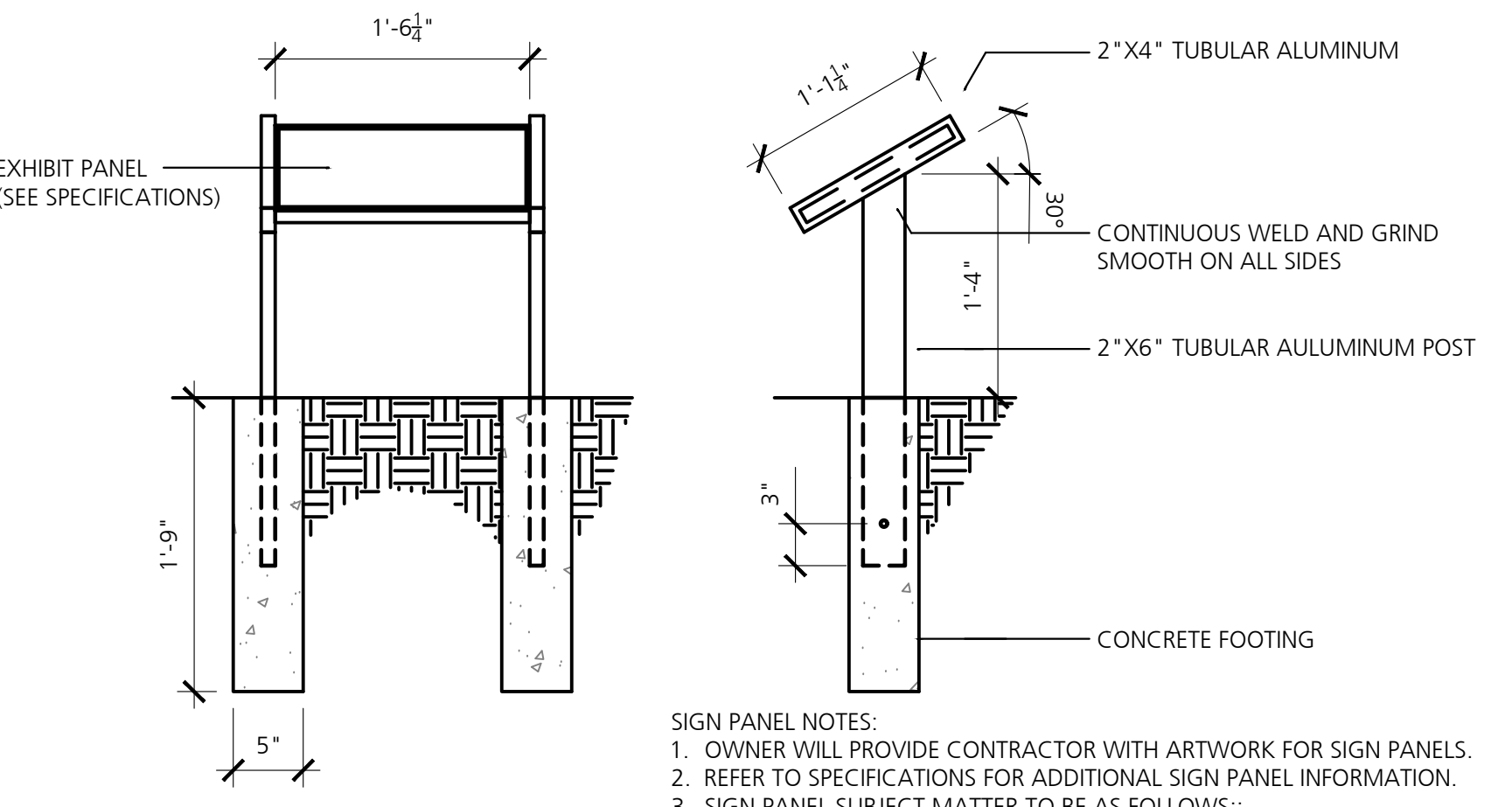
- NOTES:
- EXPANSION JOINTS SHALL BE INSTALLED SUCH THAT NO SINGLE DIMENSION EXCEEDS 50 FT. EXPANSION JOINTS TO BE LOCATED PER PLAN.
 - 1/2" EXPANSION PAPER SHALL BE PLACED AT ALL LOCATIONS THAT NEW SIDEWALK ABUTS CONCRETE CURB, EXISTING SIDEWALK, LIGHT POLE BASES, BUILDINGS/STRUCTURES, AND RETAINING WALLS.
 - SNAP-CAP EXPANSION JOINT STRIPS CAN BE USED ON ALL EXPANSION JOINTS
 - ALL EXPANSION JOINTS SHALL BE SEALED.
 - BROOM FINISH PARALLEL TO JOINTS AND PERPENDICULAR TO TRAFFIC (IF BROOMING PATTERN NOT SHOWN).

5 Concrete Pavement - Standard Duty (S.D.)
NO SCALE

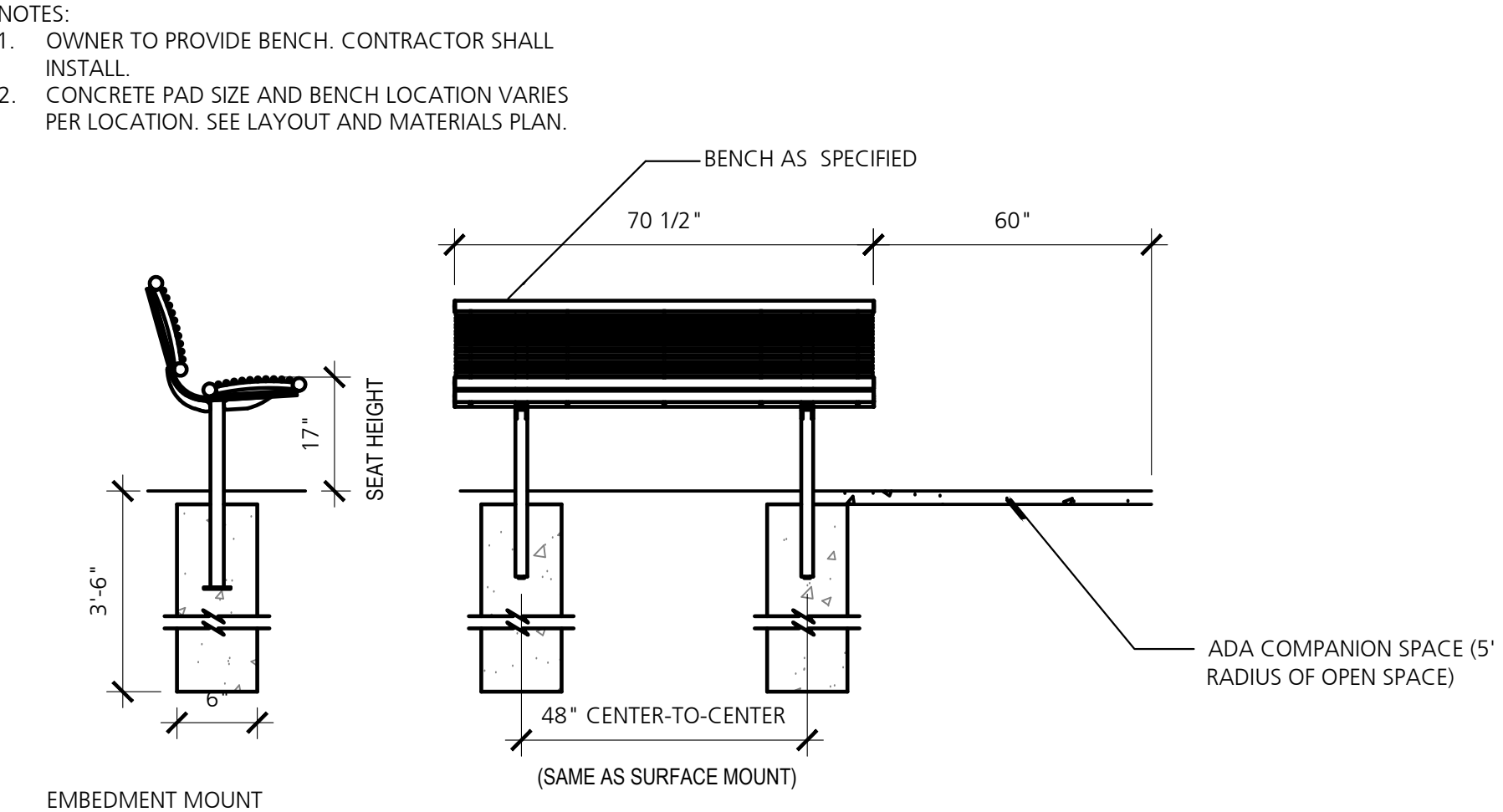


- NOTES:
- EXPANSION JOINTS SHALL BE INSTALLED SUCH THAT NO SINGLE DIMENSION EXCEEDS 50 FT. EXPANSION JOINTS TO BE LOCATED PER PLAN.
 - 1/2" EXPANSION PAPER SHALL BE PLACED AT ALL LOCATIONS THAT NEW SIDEWALK ABUTS CONCRETE CURB, EXISTING SIDEWALK, LIGHT POLE BASES, BUILDINGS/STRUCTURES, AND RETAINING WALLS.
 - SNAP-CAP EXPANSION JOINT STRIPS CAN BE USED ON ALL EXPANSION JOINTS
 - ALL EXPANSION JOINTS SHALL BE SEALED.
 - BROOM FINISH PARALLEL TO JOINTS AND PERPENDICULAR TO TRAFFIC (IF BROOMING PATTERN NOT SHOWN).

6 Concrete Pavement - Heavy Duty (H.D.)
NO SCALE

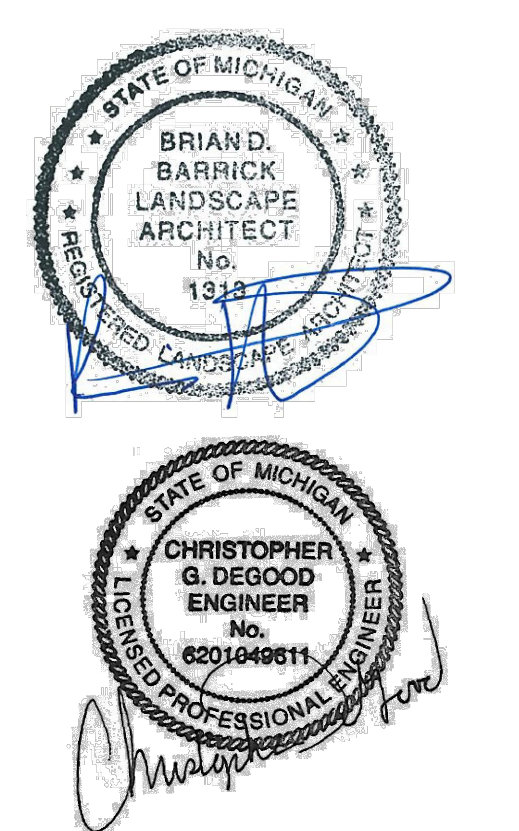


7 Wildlife Interpretive Sign
SCALE: SEE DETAILS



8 Bench with ADA Companion Seating
SCALE: SEE DETAILS

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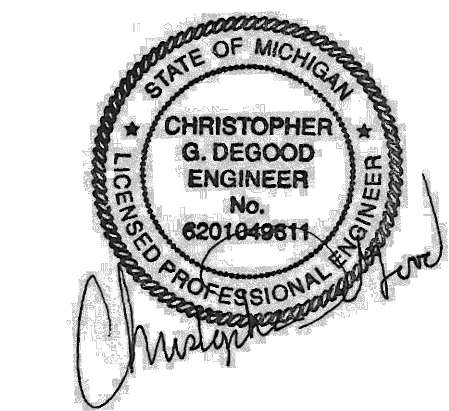
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C7.0 SITE DETAILS (1)

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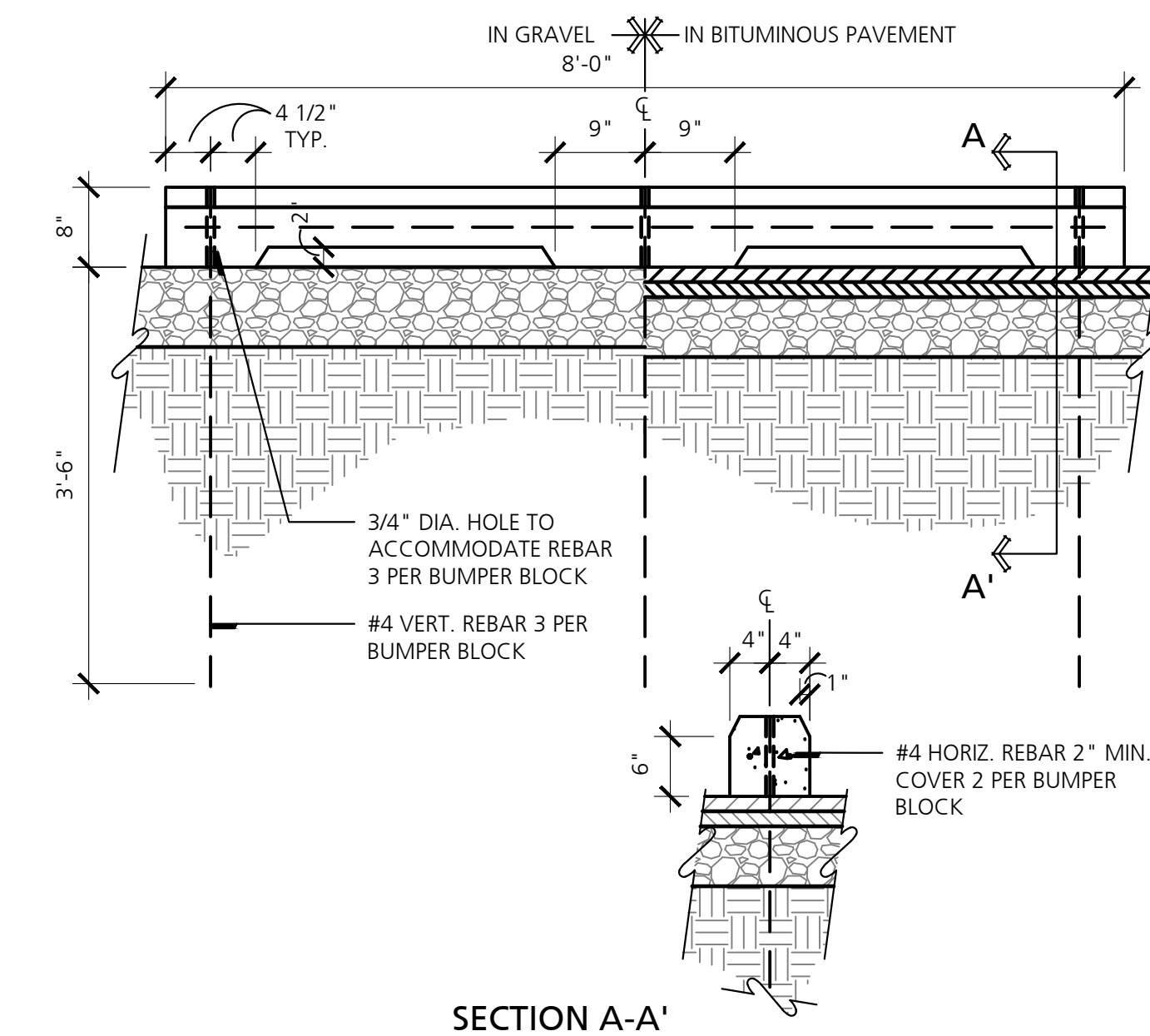
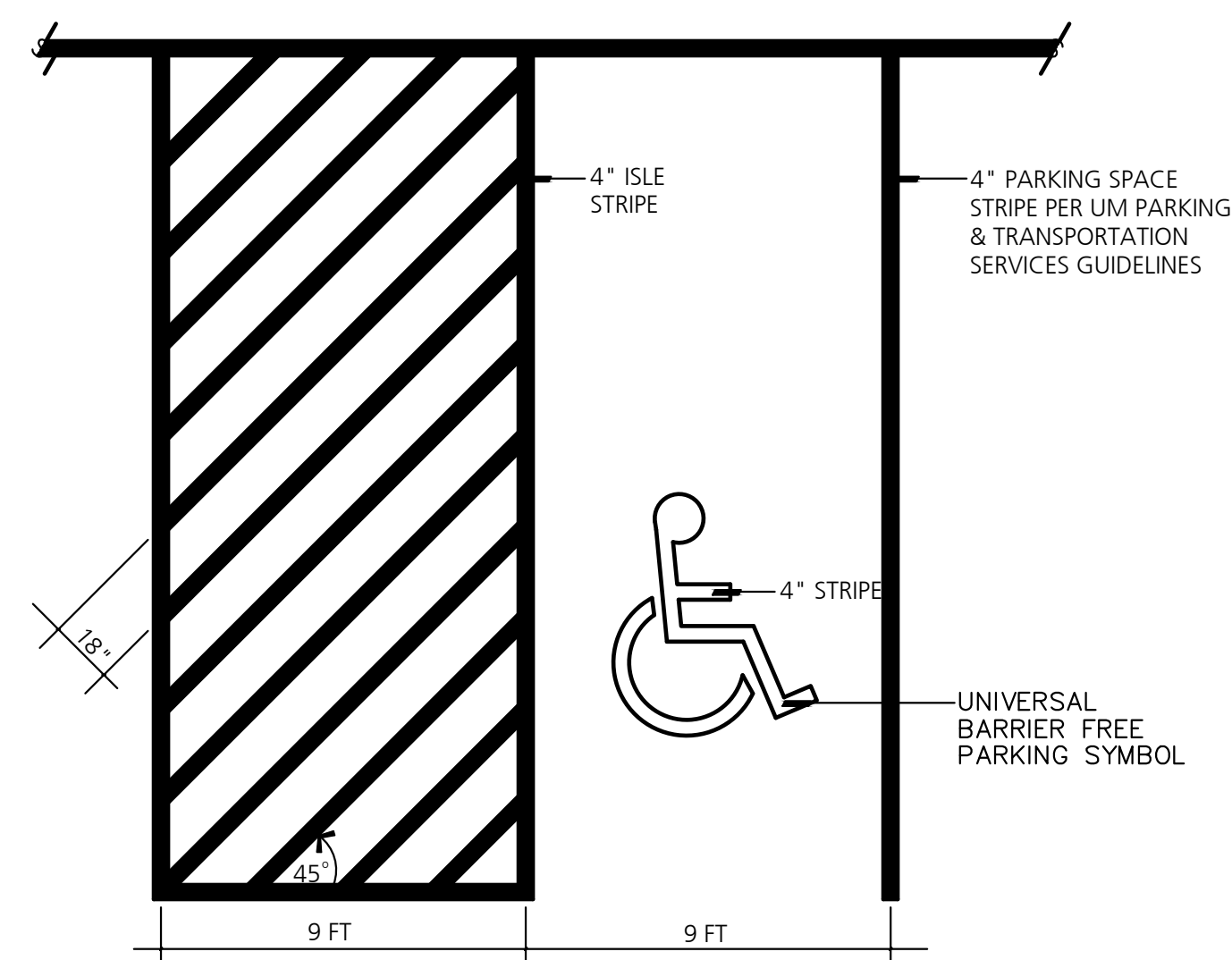
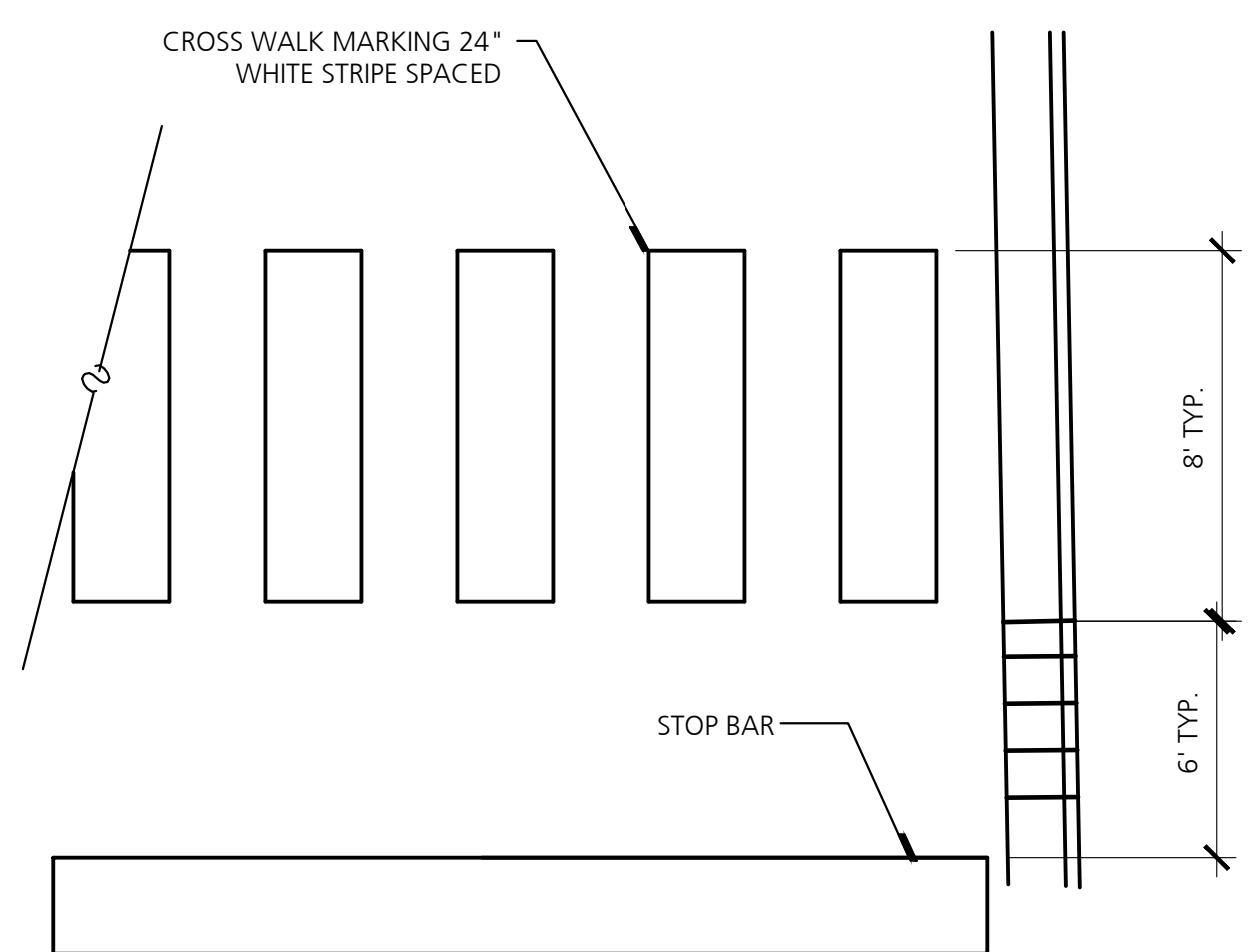
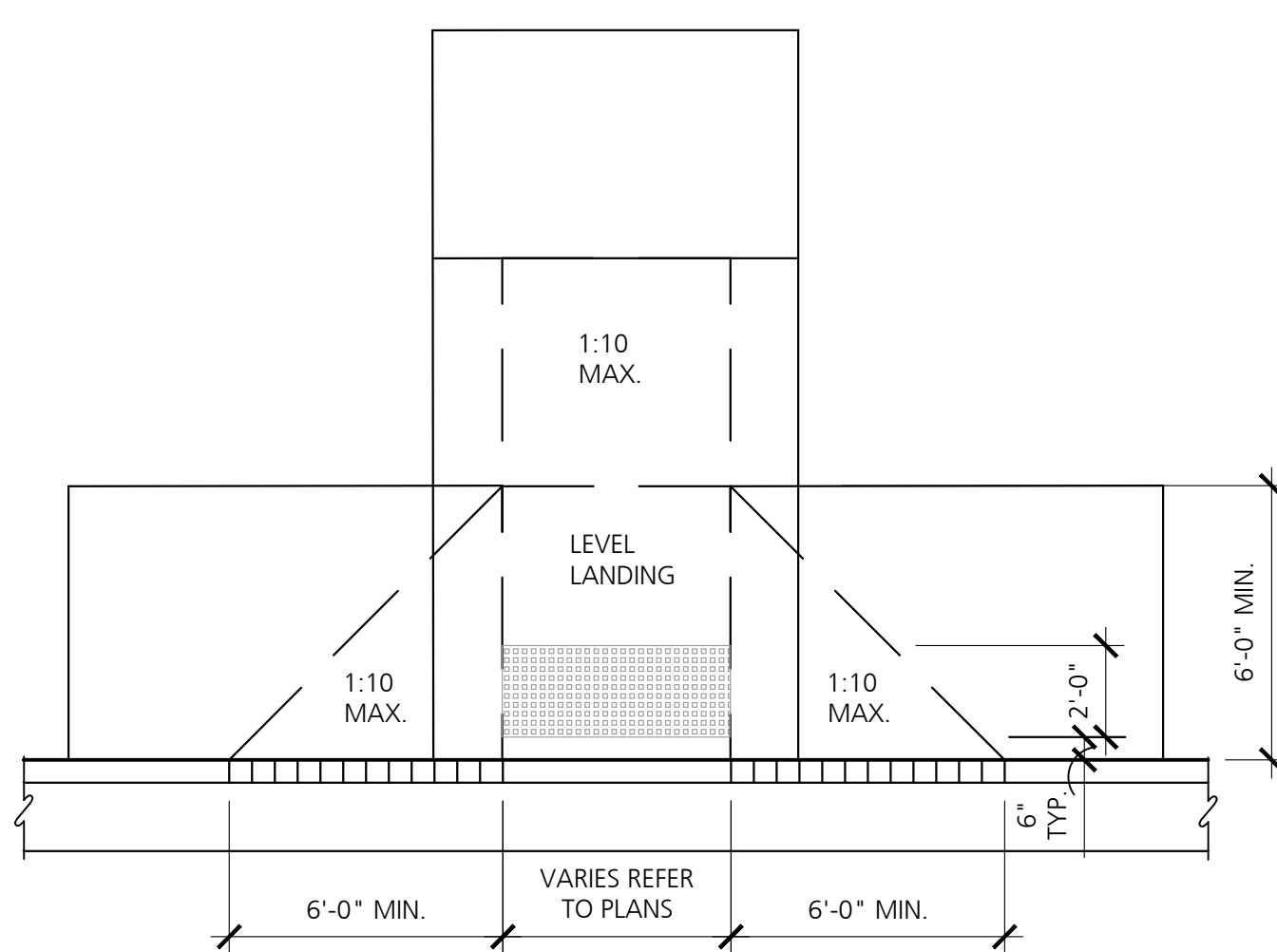
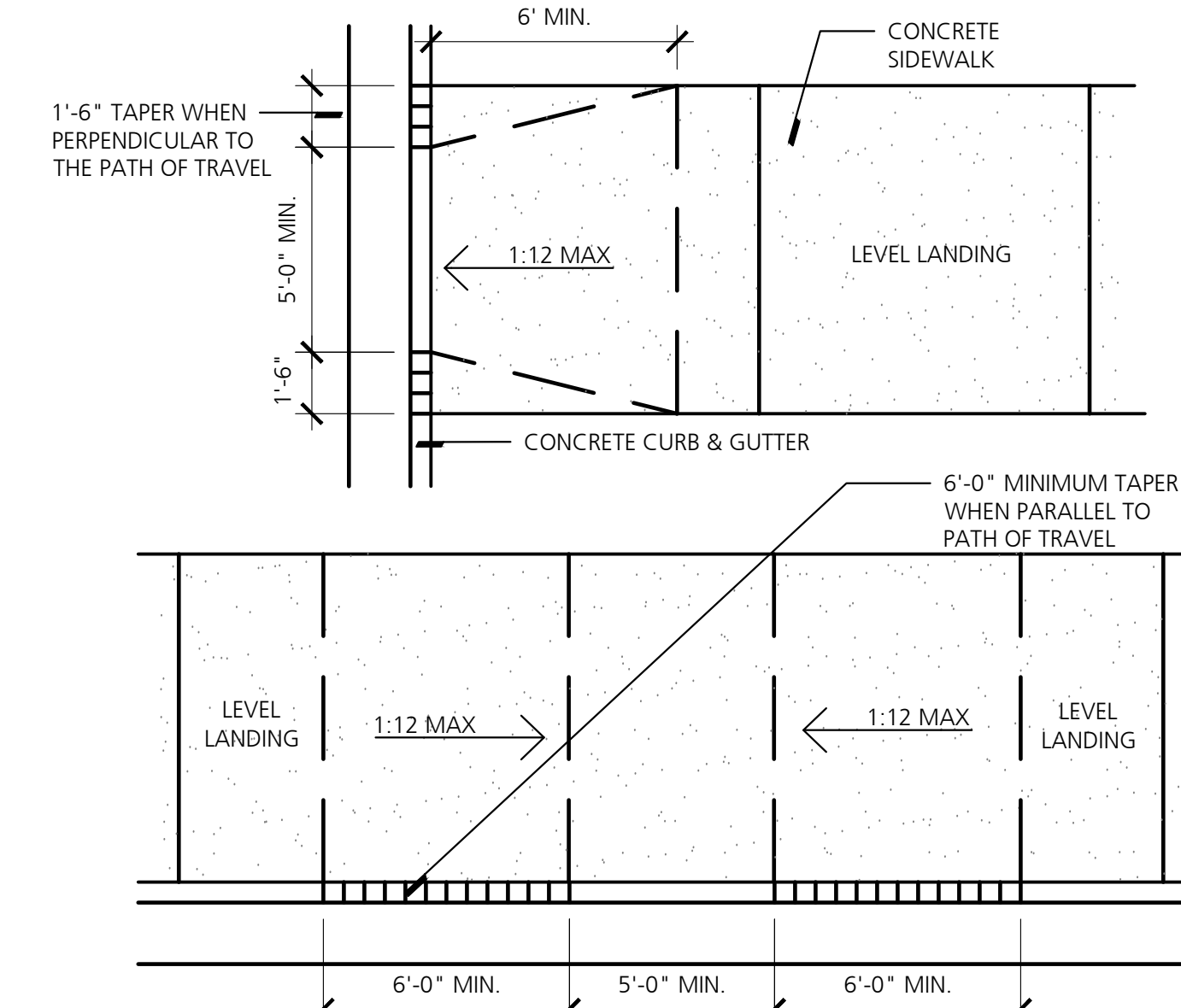
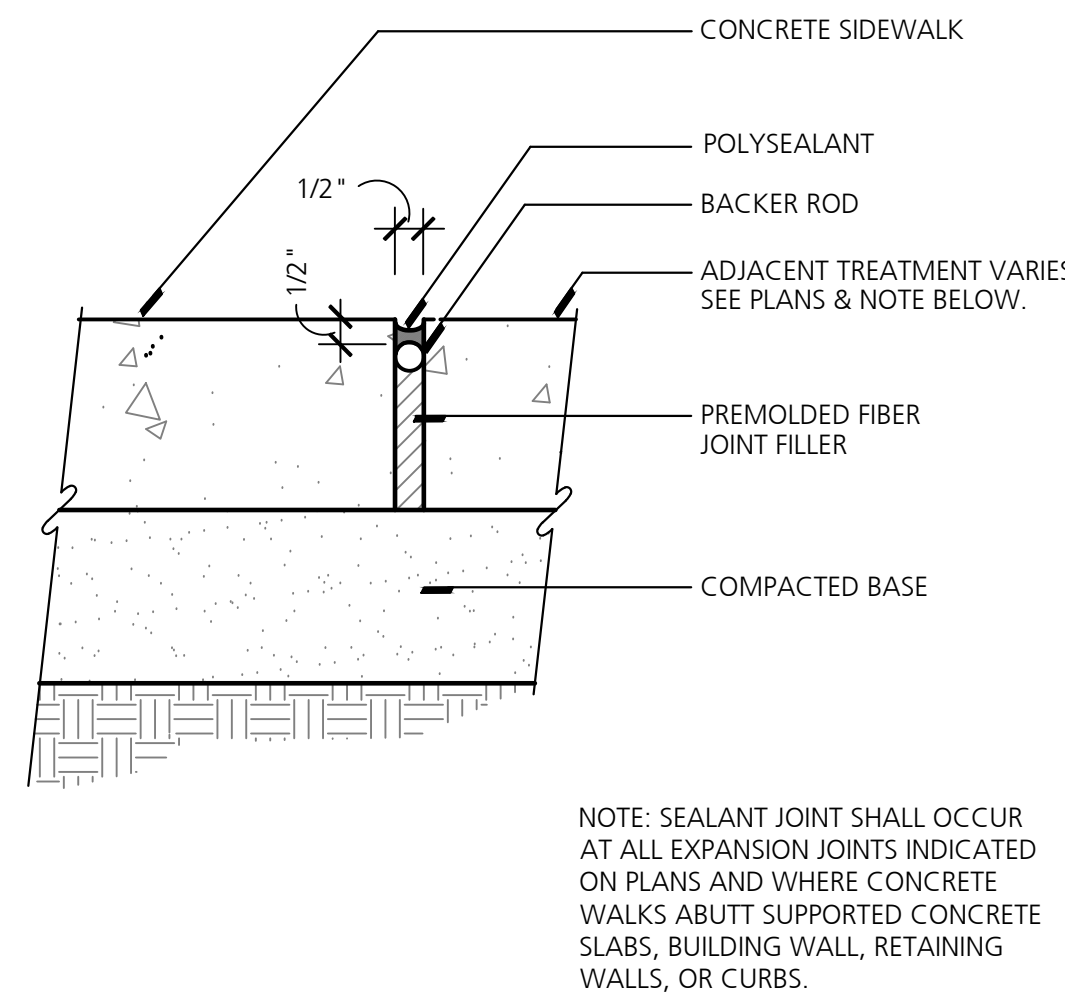
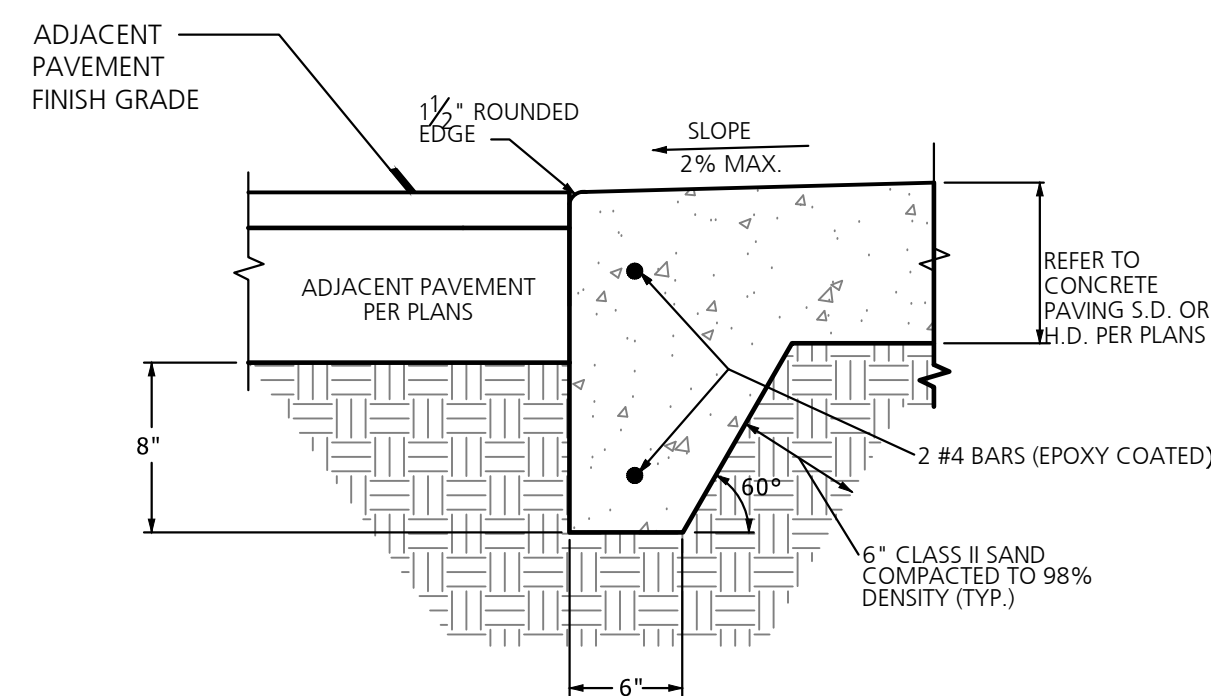
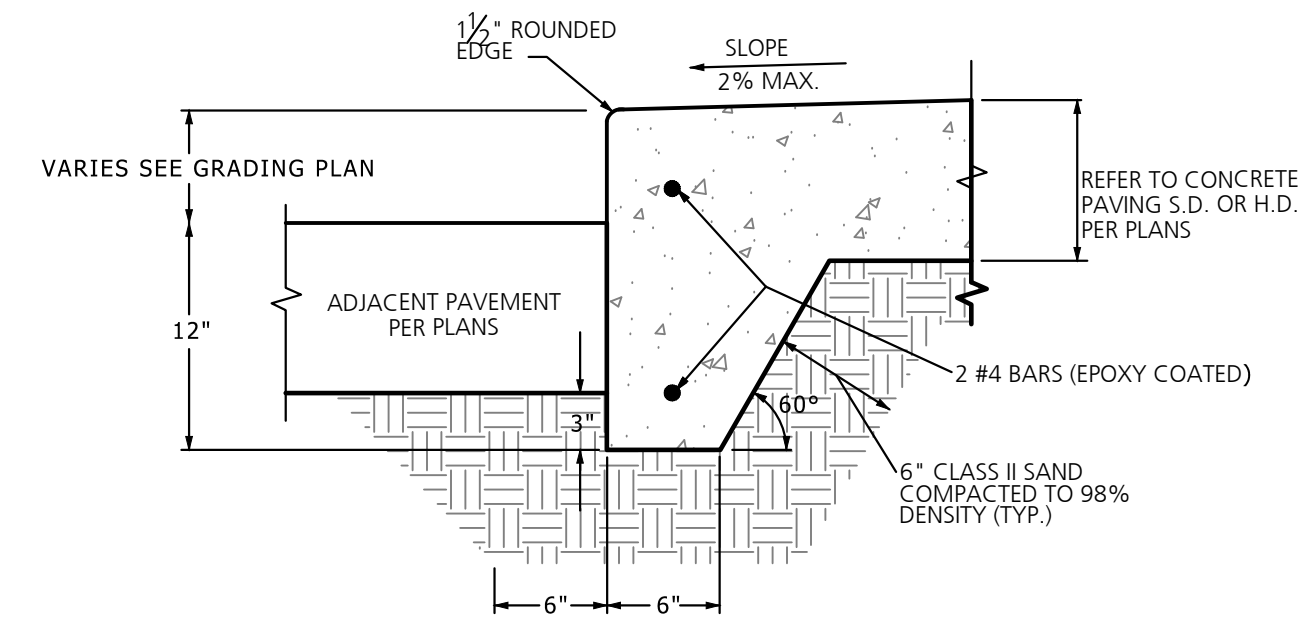
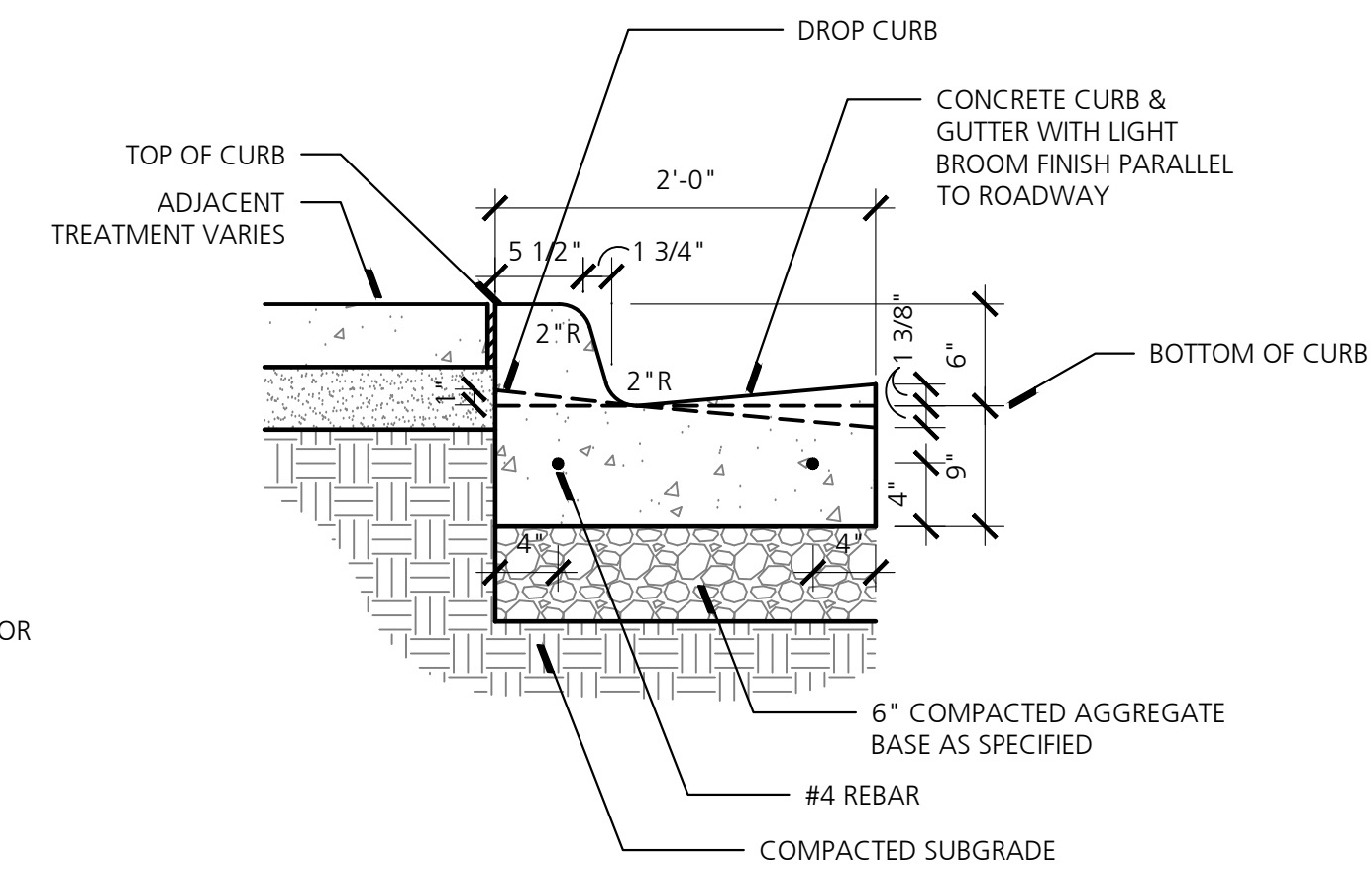
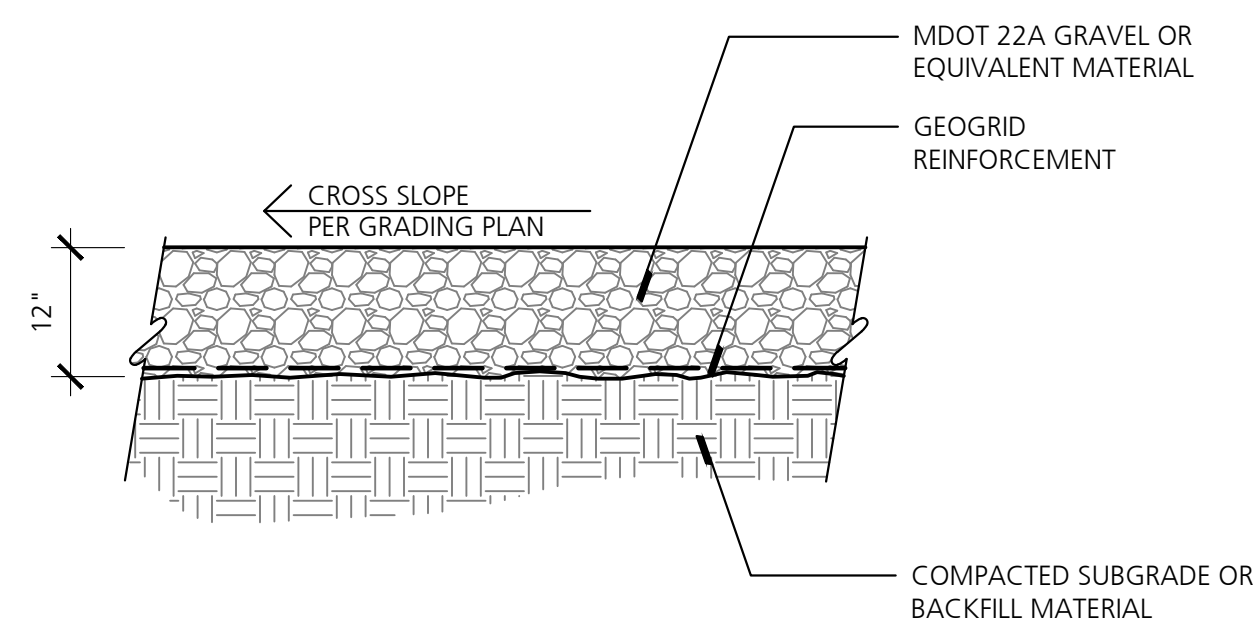
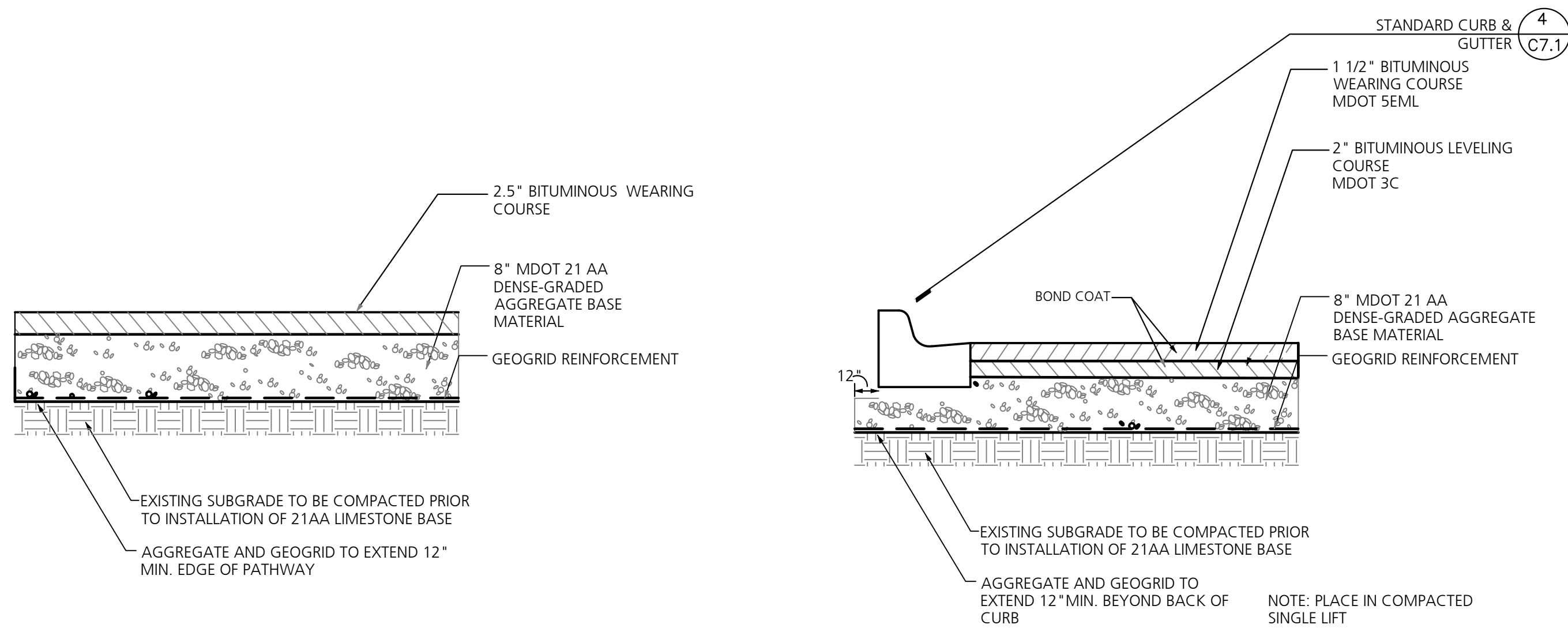
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Project Number

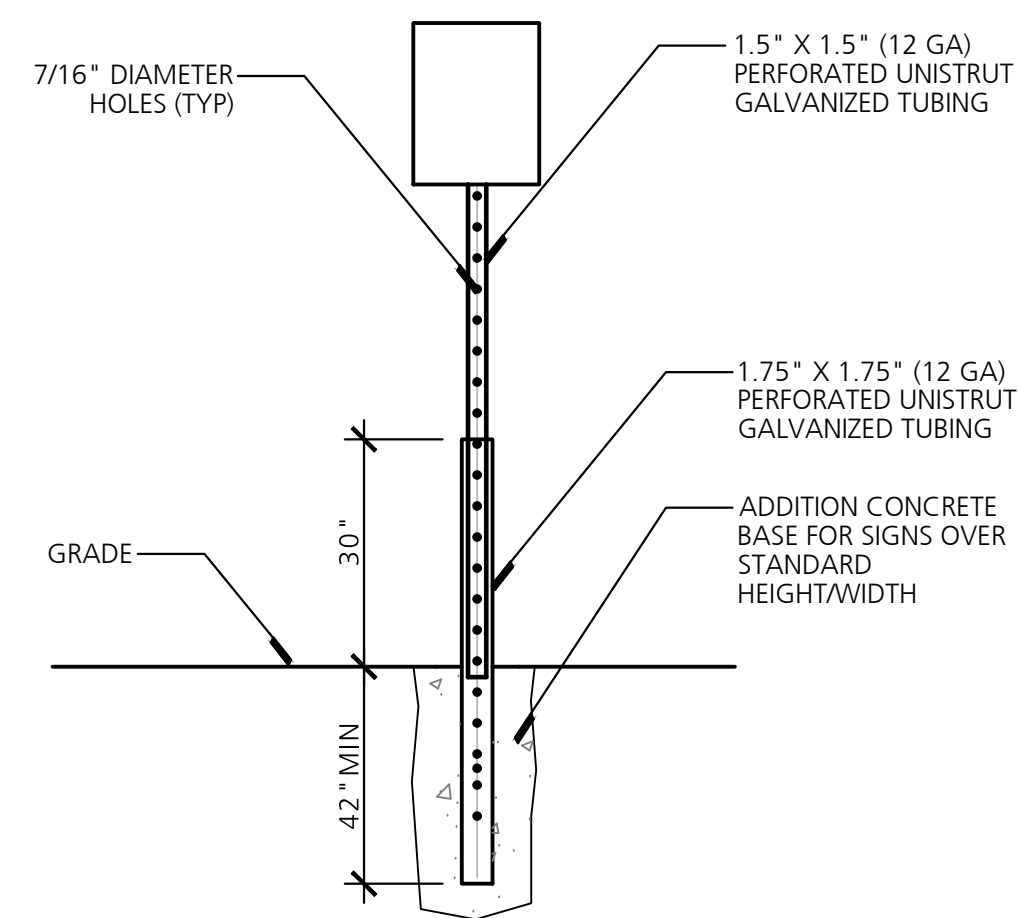
2022024

Sheet Number

C7.1 SITE DETAILS (2)

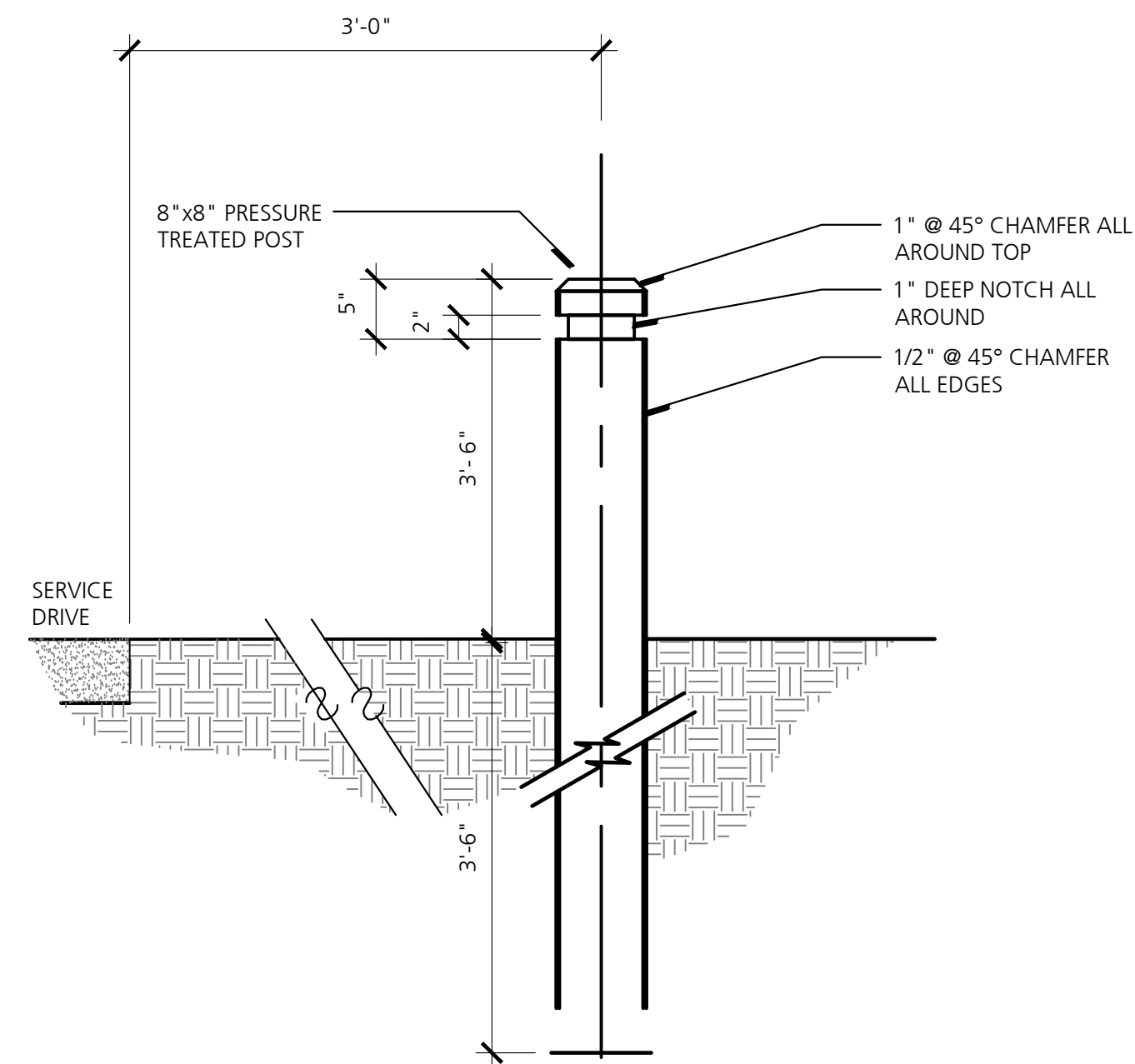


NOTE: SIGN SPECIFICATIONS AND HEIGHT TO MEET MMUTCD.



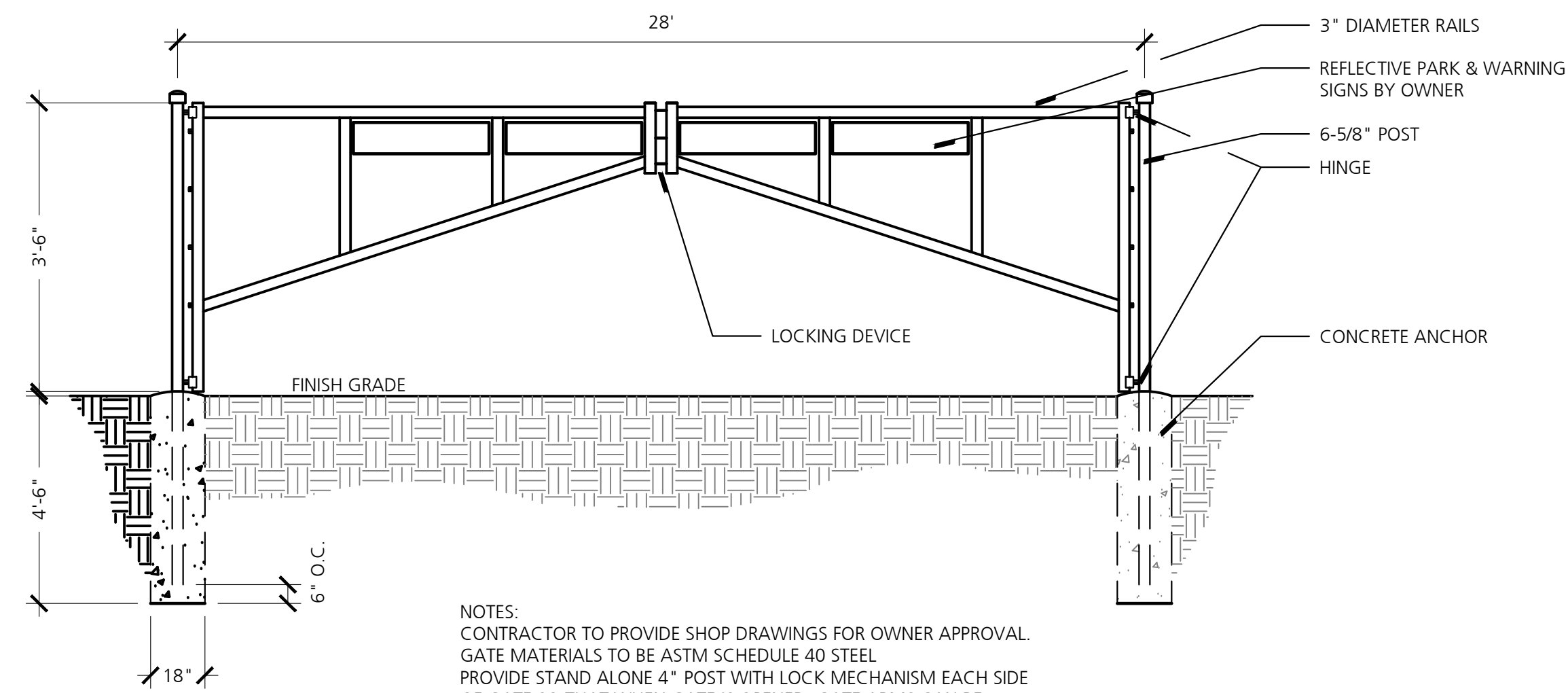
1 Typical Signage Installation

NO SCALE



2 Timber Bollard

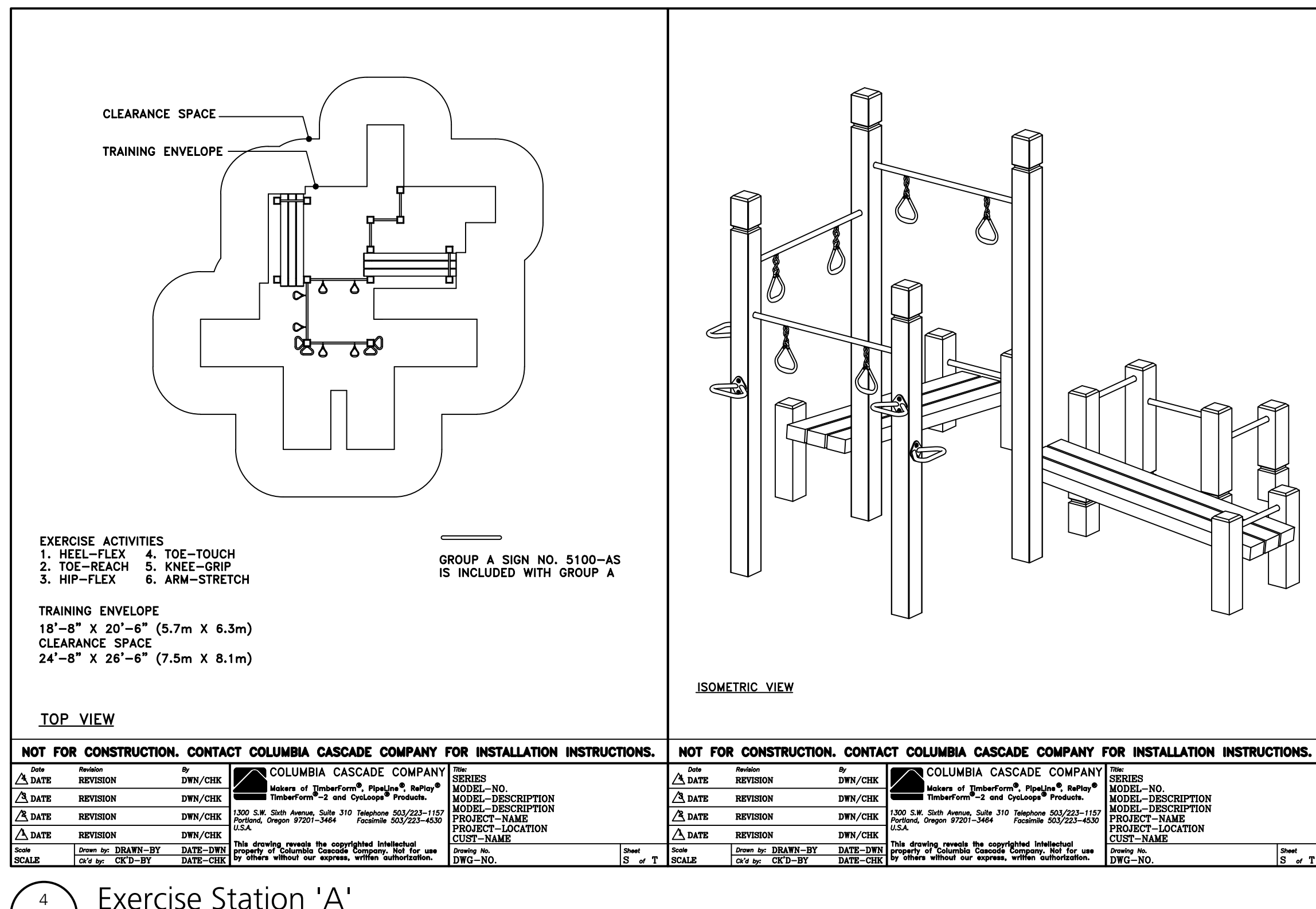
NO SCALE



NOTES:
CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR OWNER APPROVAL.
GATE MATERIALS TO BE ASTM SCHEDULE 40 STEEL.
PROVIDE STAND ALONE 4\"/>

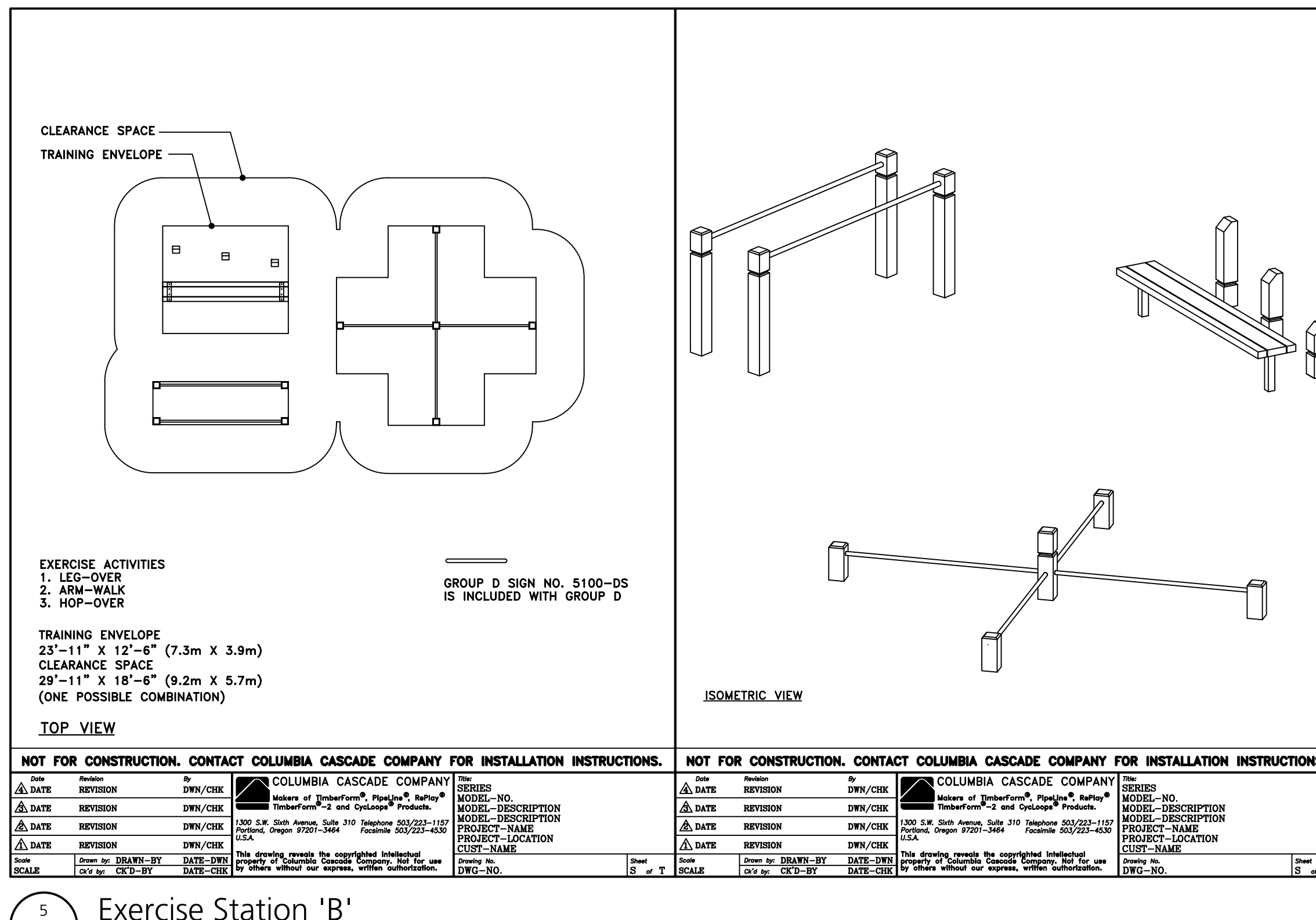
3 Double Swing Park Gate

NO SCALE



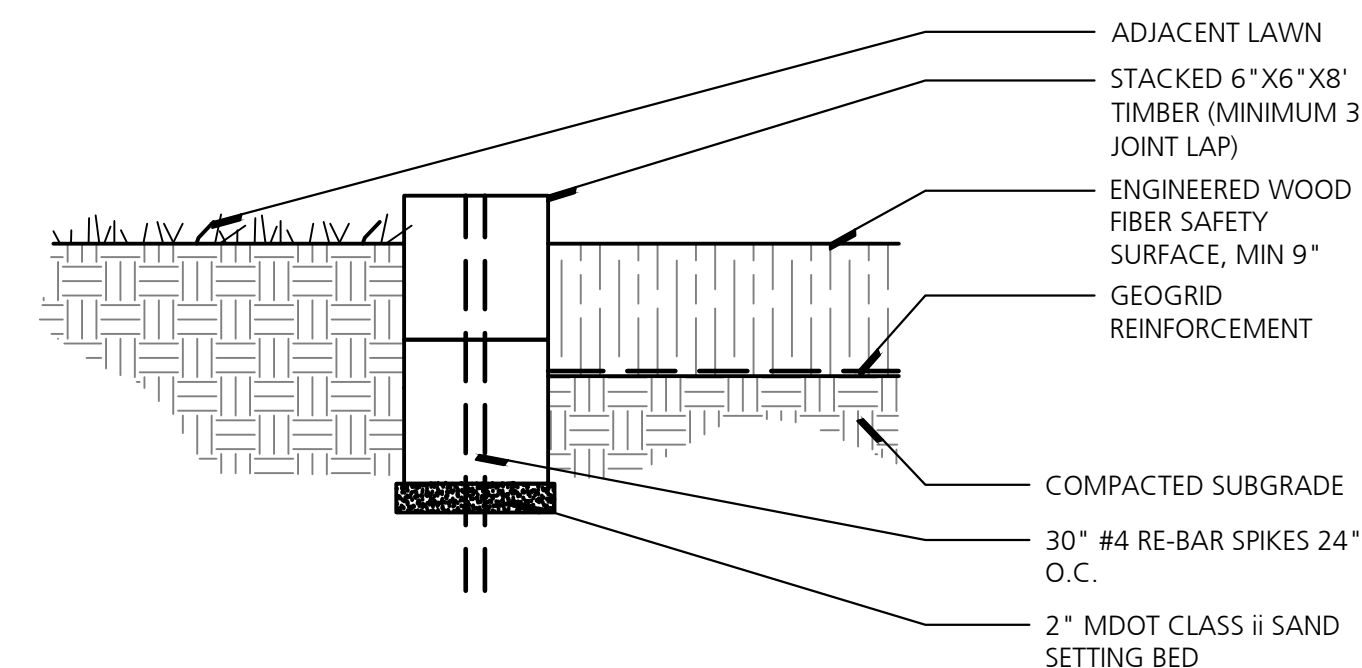
4 Exercise Station 'A'

NOT TO SCALE



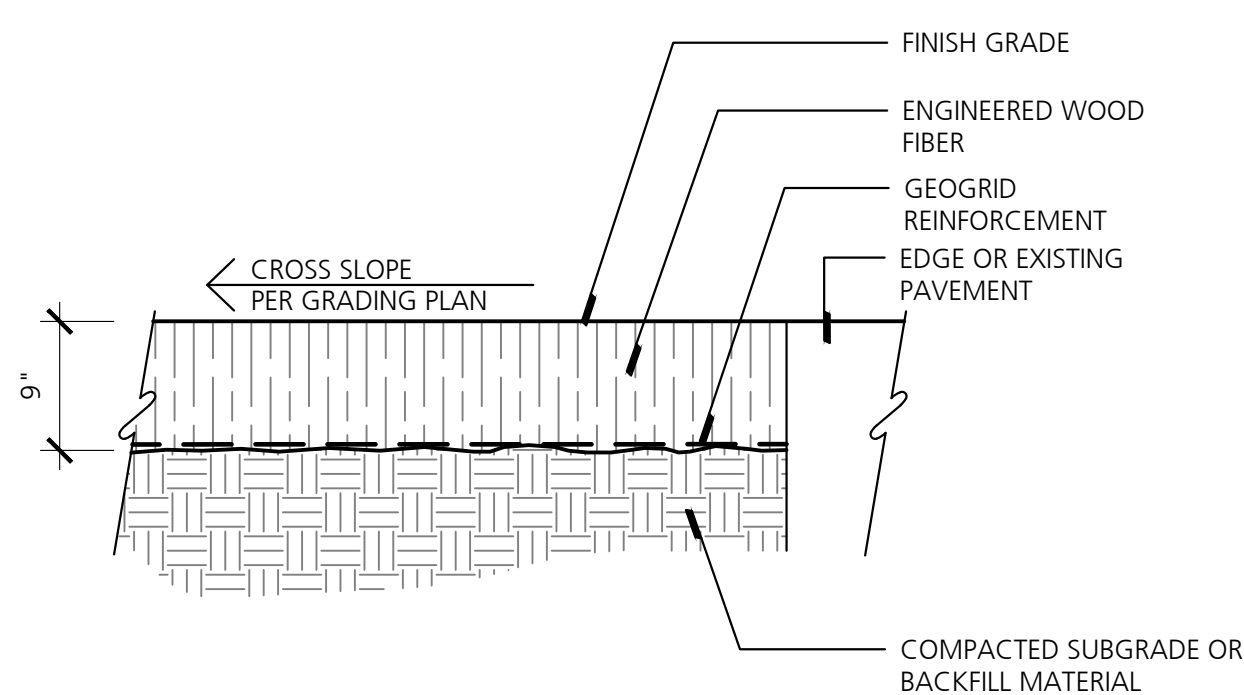
5 Exercise Station 'B'

NOT TO SCALE



6 Timber Edging

NO SCALE



7 Engineered Wood Fiber

NO SCALE

Consultants



Seal

Project Title

White Lake Twp.
Stanley Park
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MDNR Project No. 26-01868
White Lake Township, MI

Sheet Title

Dates

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05.31.2023	MDNR PRE-BID REVIEW
01.04.2024	BIDDING

Scale

Quality Control

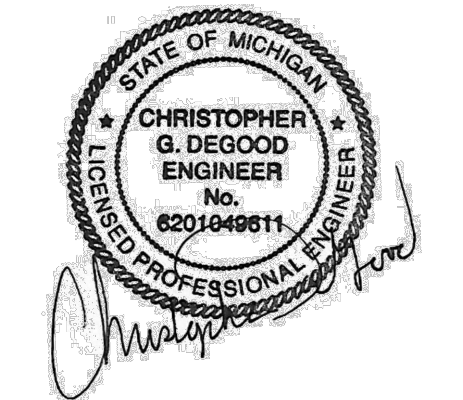
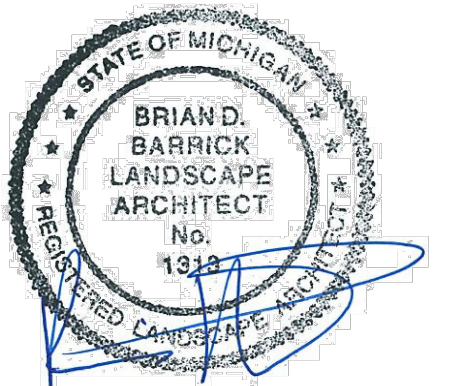
Drawn: MK, LDS
Checked: LDS, BB
Approved: BB

Project Number

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Consultants



Seal

Project Title

White Lake Twp.
 Stanley Park
 Phase 1 Implementation
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01.04.2024	BIDDING

Scale

Quality Control

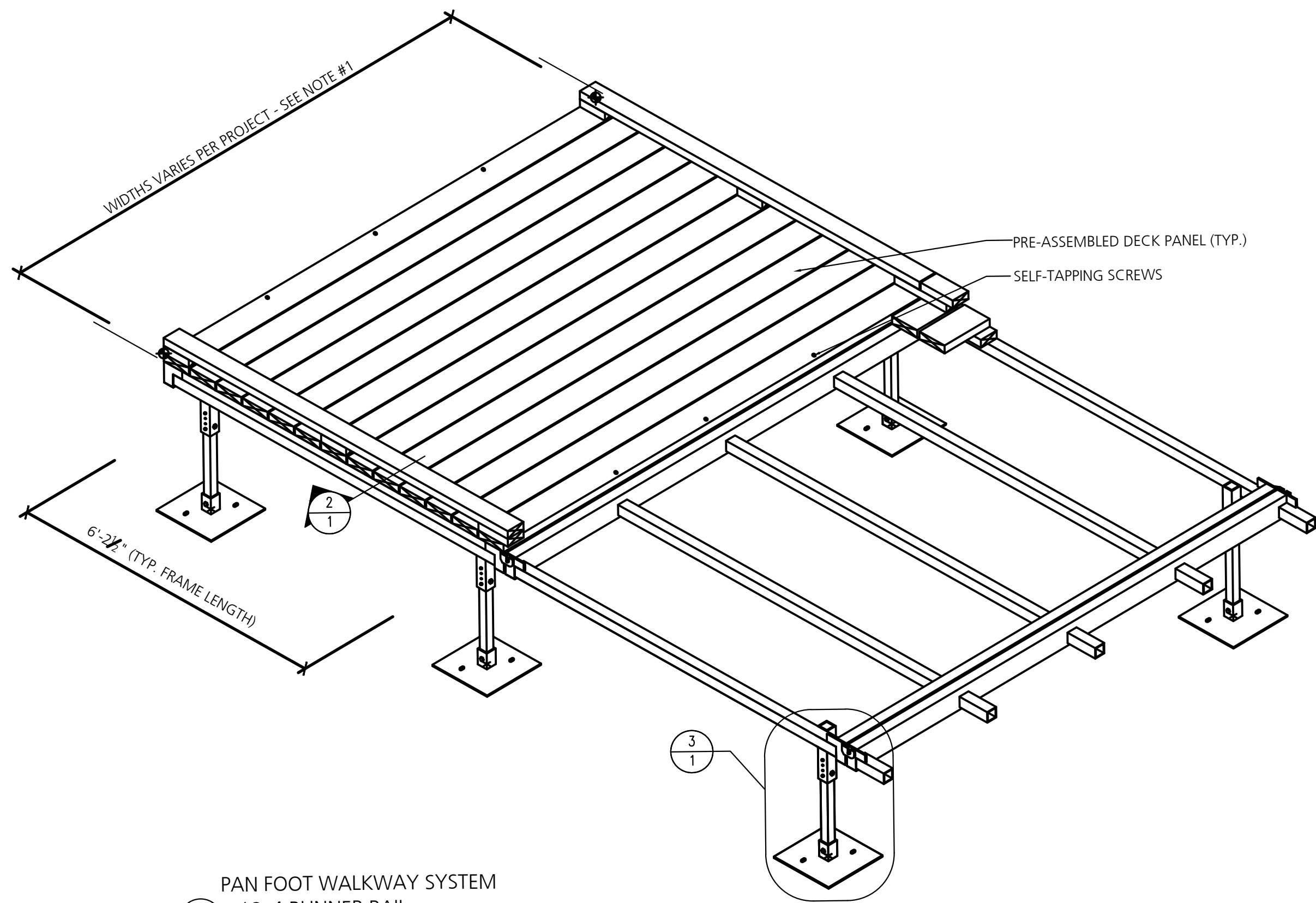
Drawn: MK, LDS
Checked: LDS, BB
Approved: BB

Project Number

2022024

Sheet Number

C7.3 SITE DETAILS (4)



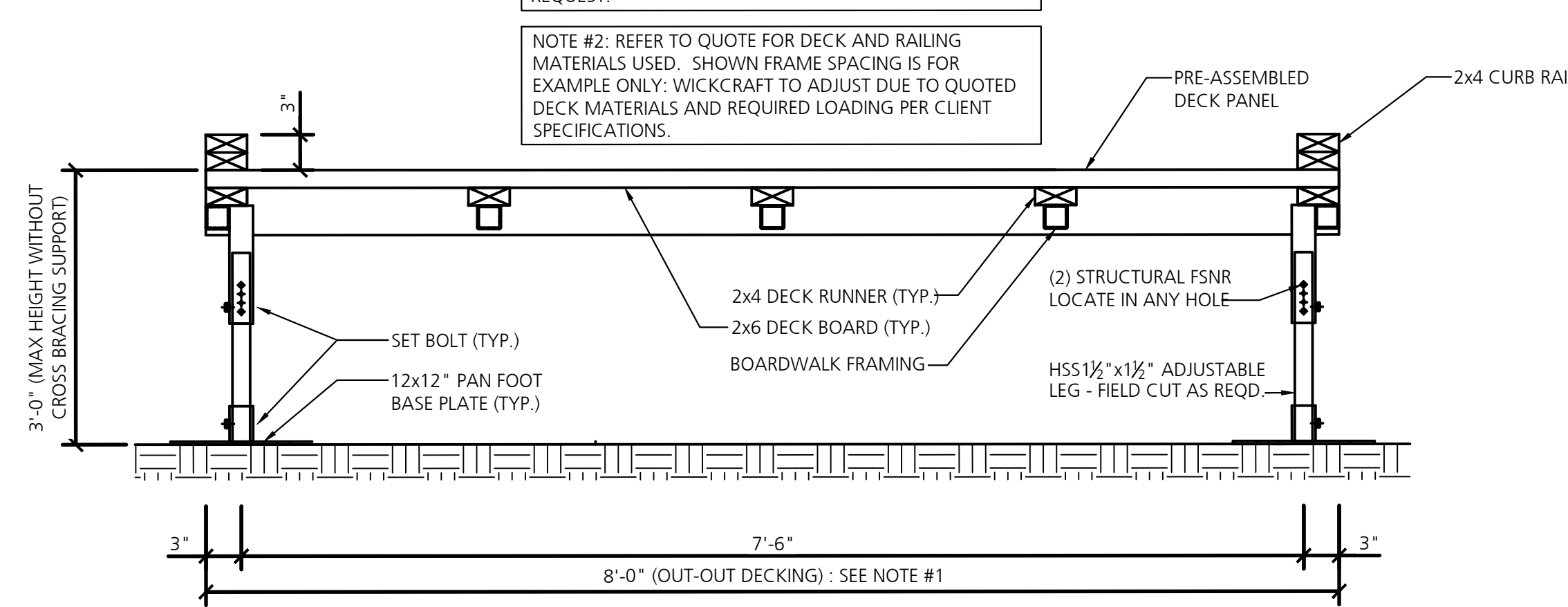
PAN FOOT WALKWAY SYSTEM

1
1 w/ 2x4 RUNNER RAIL

SCALE: N.T.S.

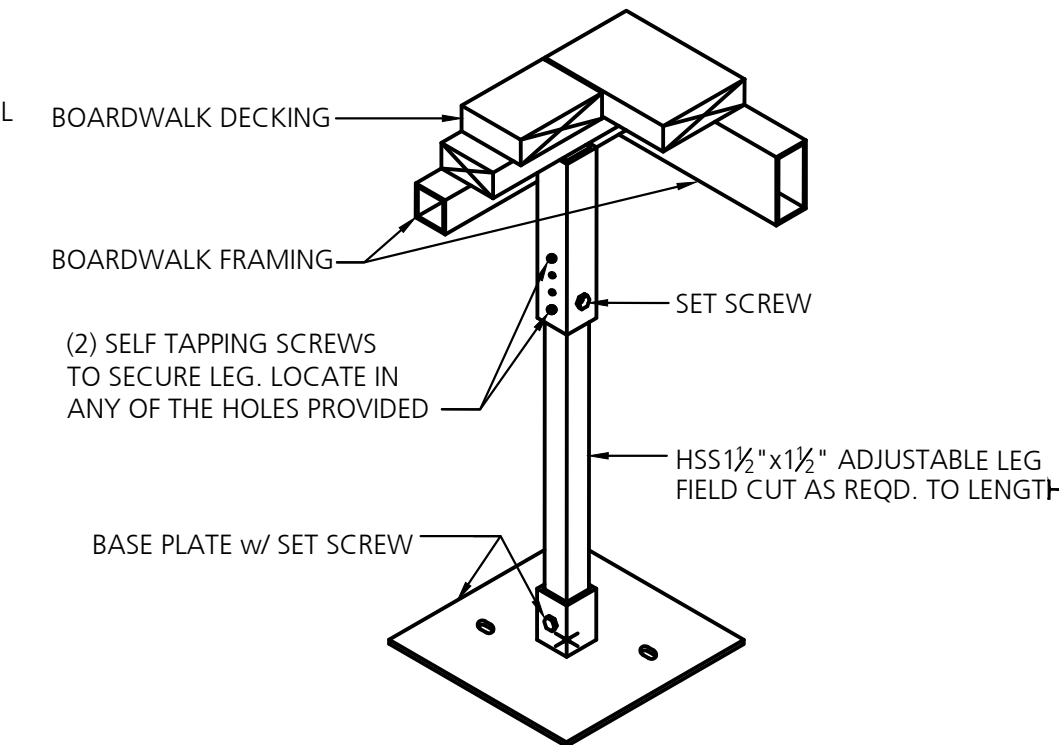
NOTE #1: SHOWN WIDTH IS FOR EXAMPLE ONLY. REFER TO QUOTE FOR ACTUAL WIDTHS. PAN FOOT BOARDWALK SYSTEMS ARE AVAILABLE IN 4'-0", 6'-0", 8'-0" & 10'-0" STANDARD WIDTHS. CUSTOM WIDTHS AVAILABLE UPON REQUEST.

NOTE #2: REFER TO QUOTE FOR DECK AND RAILING MATERIALS USED. SHOWN FRAME SPACING IS FOR EXAMPLE ONLY. WICKCRAFT TO ADJUST DUE TO QUOTED DECK MATERIALS AND REQUIRED LOADING PER CLIENT SPECIFICATIONS.



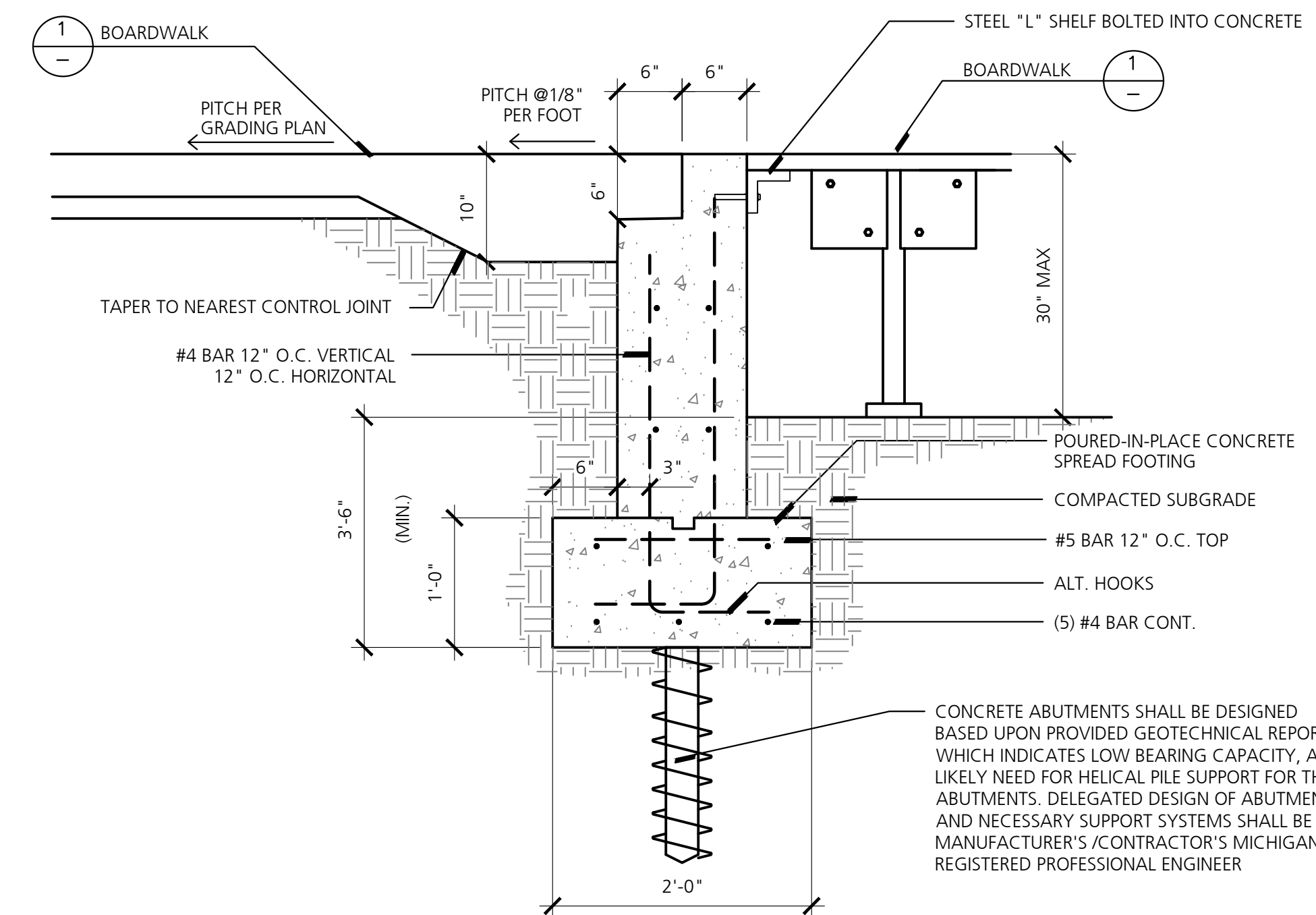
2
1 WALKWAY SECTION w/ 2x4 RUNNER RAIL

SCALE: N.T.S.



3
1 ADJUSTABLE LEG DETAIL

SCALE: N.T.S.



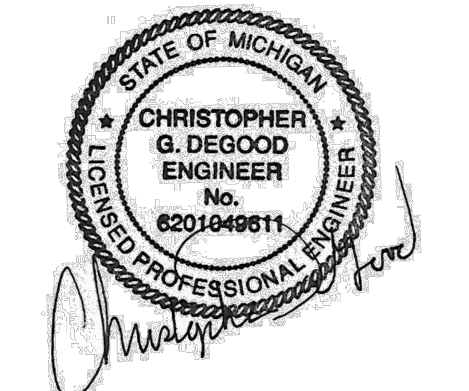
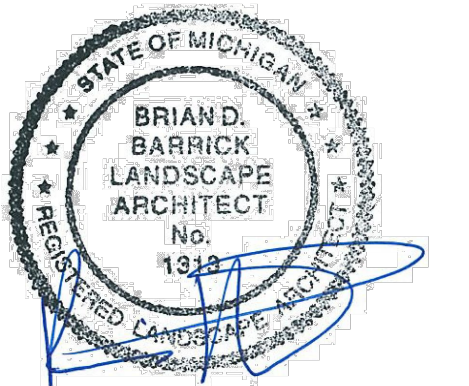
2
1 Concrete Abutment at Boardwalk

NO SCALE

1
1 Boardwalk

NOT TO SCALE

Consultants



Seal

Project Title

White Lake Twp.
 Stanley Park
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Scale

Quality Control

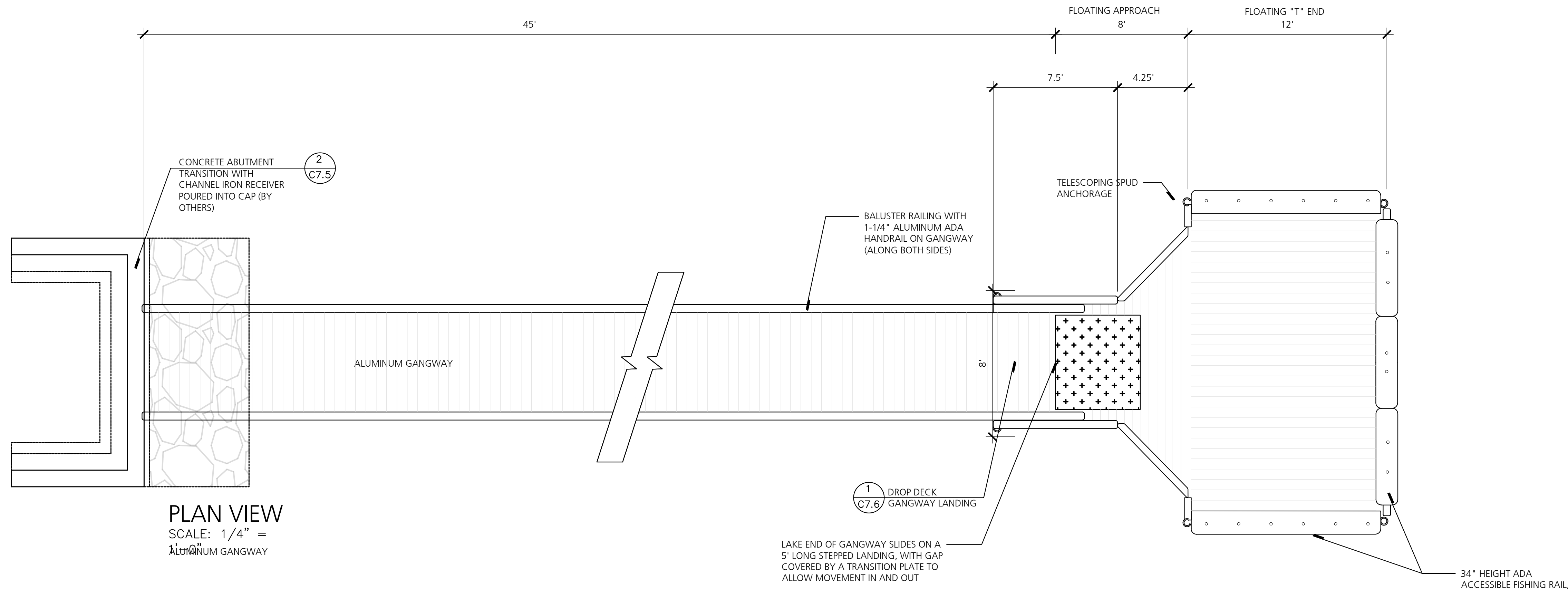
Drawn: MK, LDS
 Checked: LDS, BB
 Approved: BB

Project Number

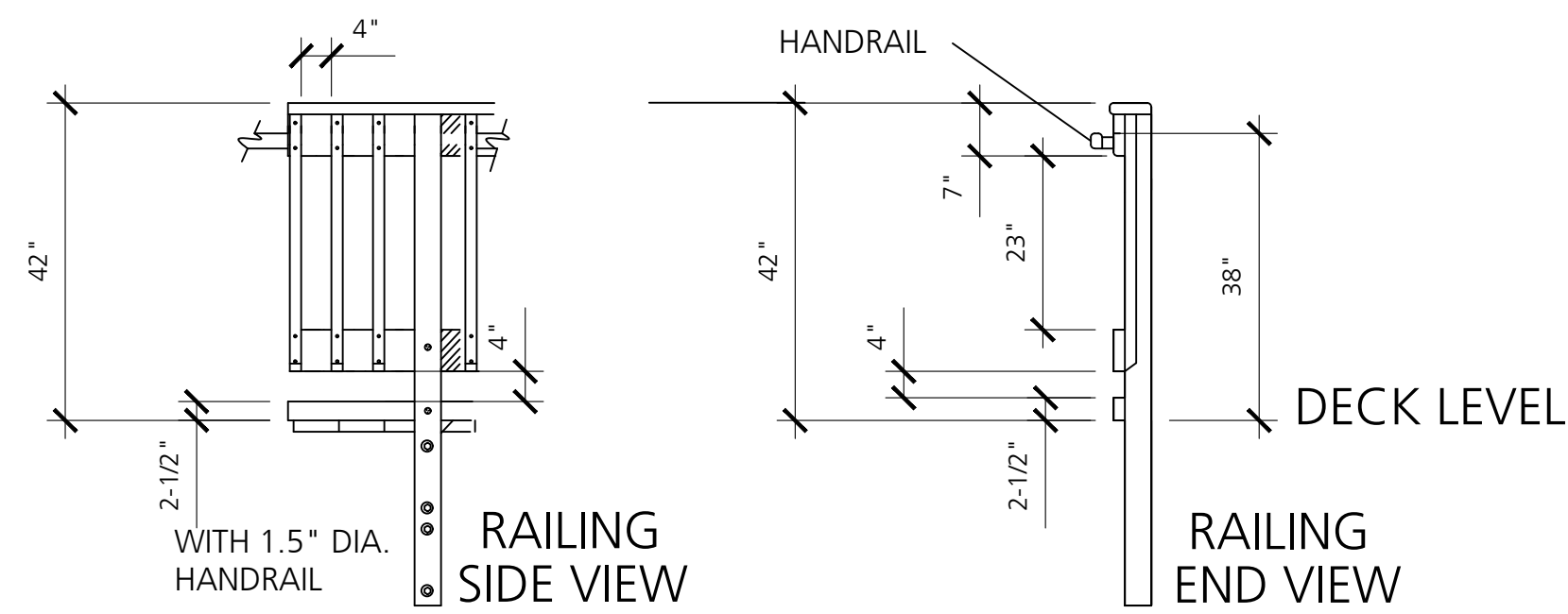
2022024

Sheet Number

C7.4 SITE DETAILS (5)

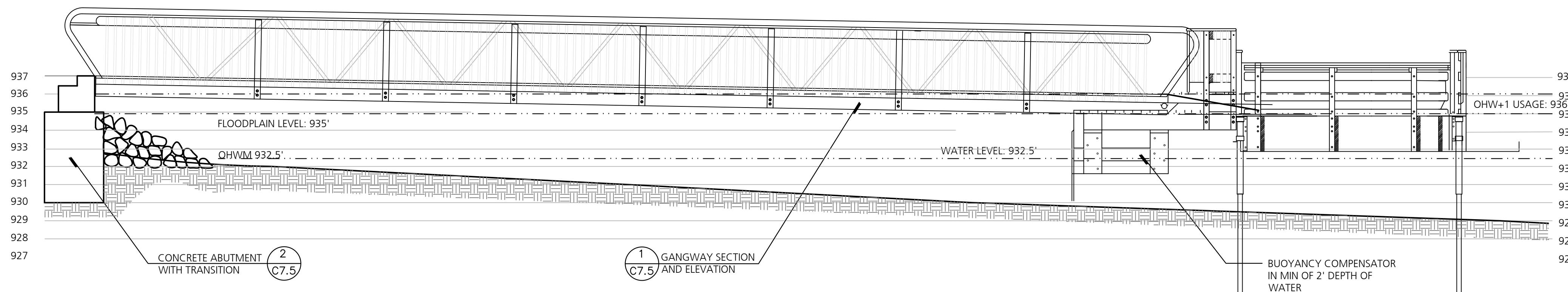


PLAN VIEW
 SCALE: 1/4" =
 1'-0"



RAILING DETAIL
 NOT TO SCALE

NOTE: 1-1/2" DIA. HANDRAIL RUNS FULL LENGTH OF APPROACH DOCK PLUS RAMP. BOTH SIDES.



SIDE ELEVATION
 SCALE: 1/4" =
 1'-0"

Consultants



Seal

Project Title

White Lake Twp.
Stanley Park
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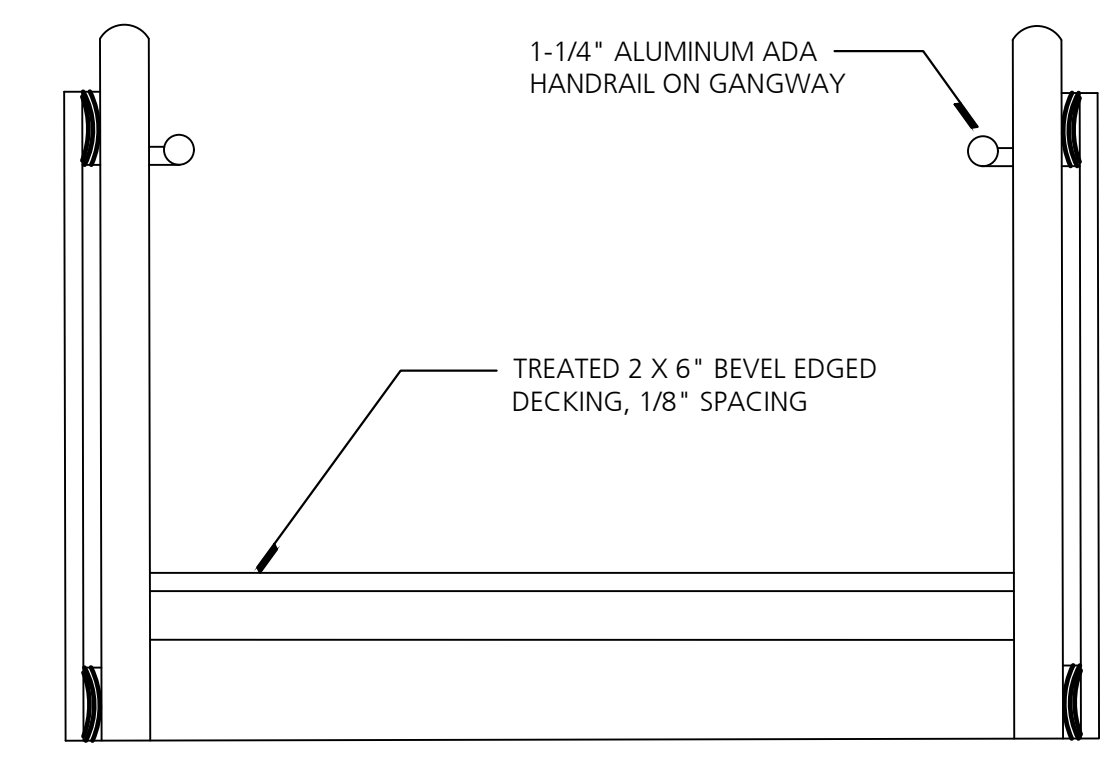
Scale

Quality Control
Drawn: MK, LDS
Checked: LDS, BB
Approved: BB

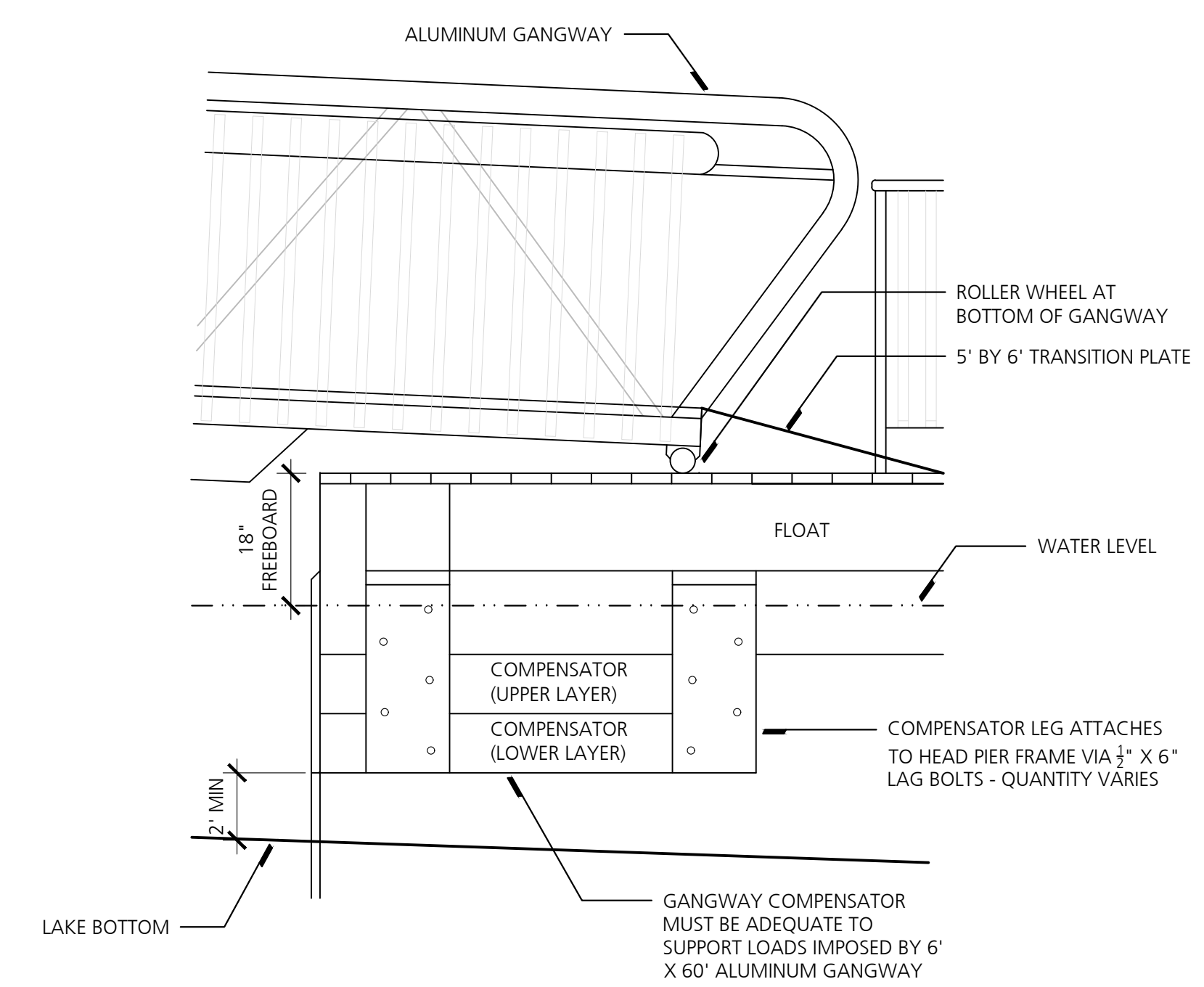
Project Number
2022024

Sheet Number

C7.5 SITE DETAILS (6)

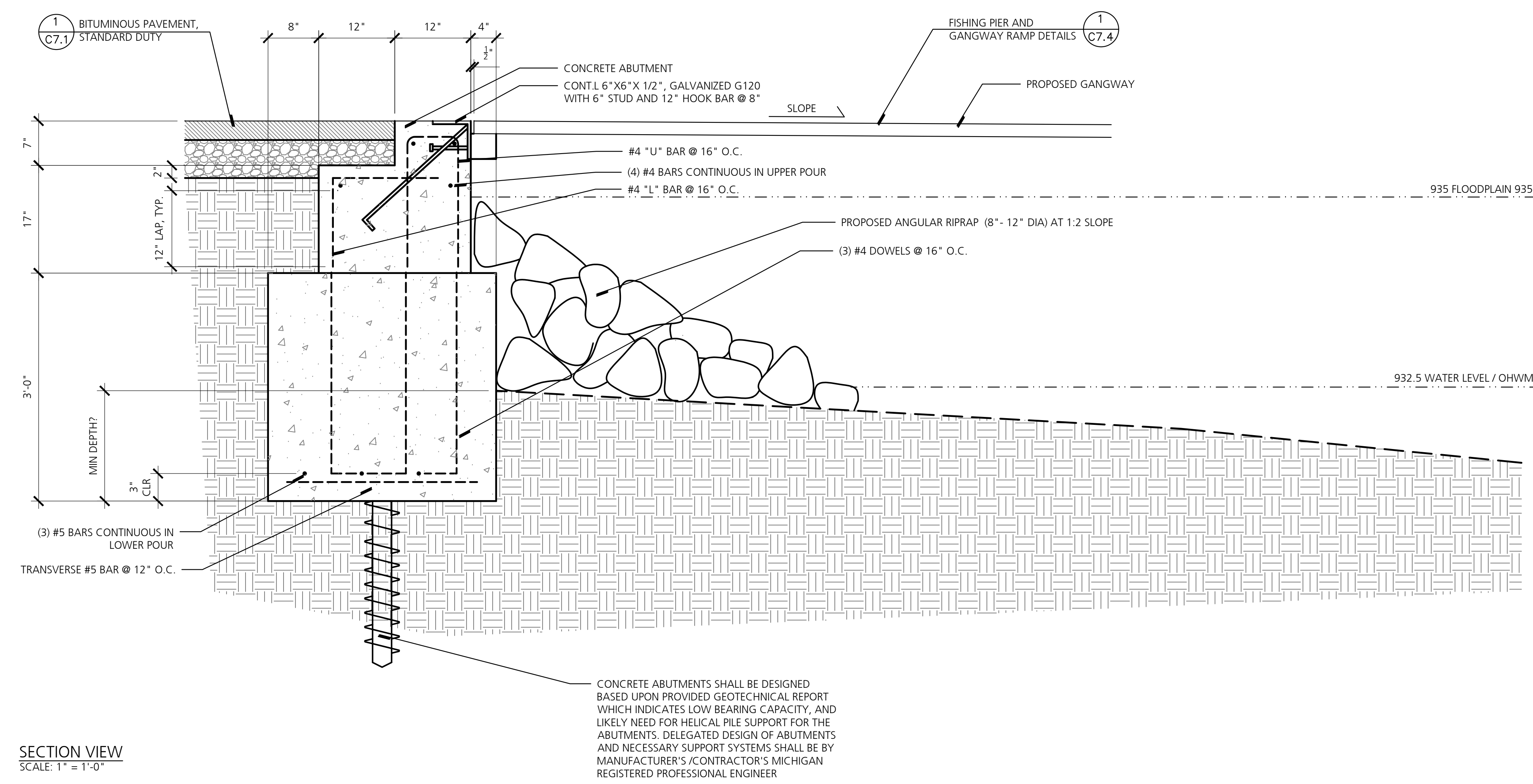


GANGWAY SECTION ELEVATION
NOT TO SCALE



DROP DECK GANGWAY LANDING
NOT TO SCALE

1 Fishing Pier and Gang Way Ramp Details (Cont.)
NO SCALE

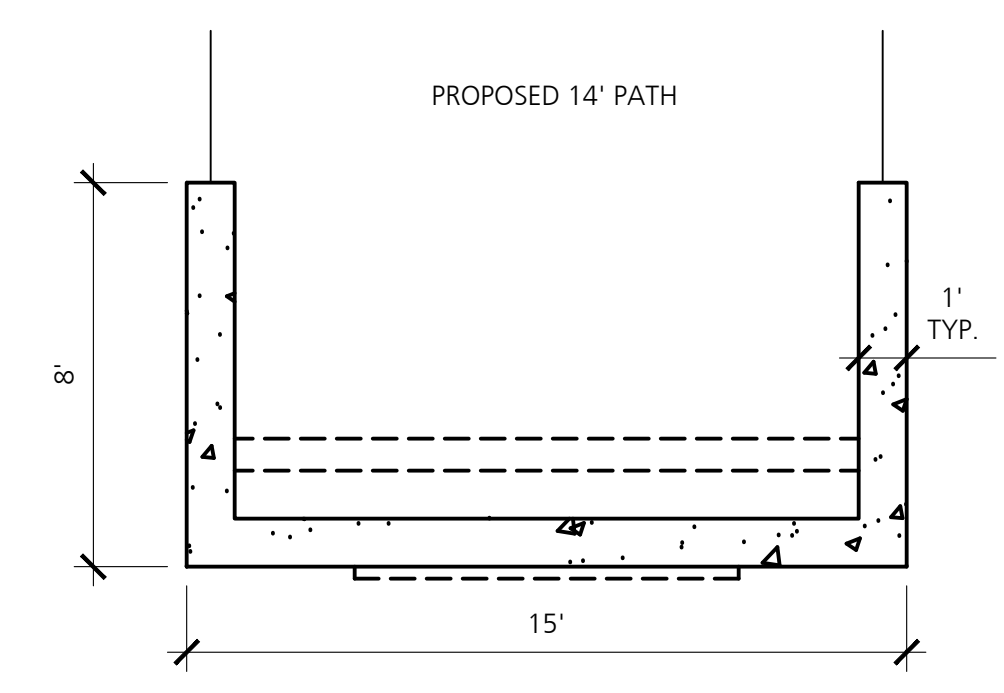


SECTION VIEW
SCALE: 1" = 1'-0"

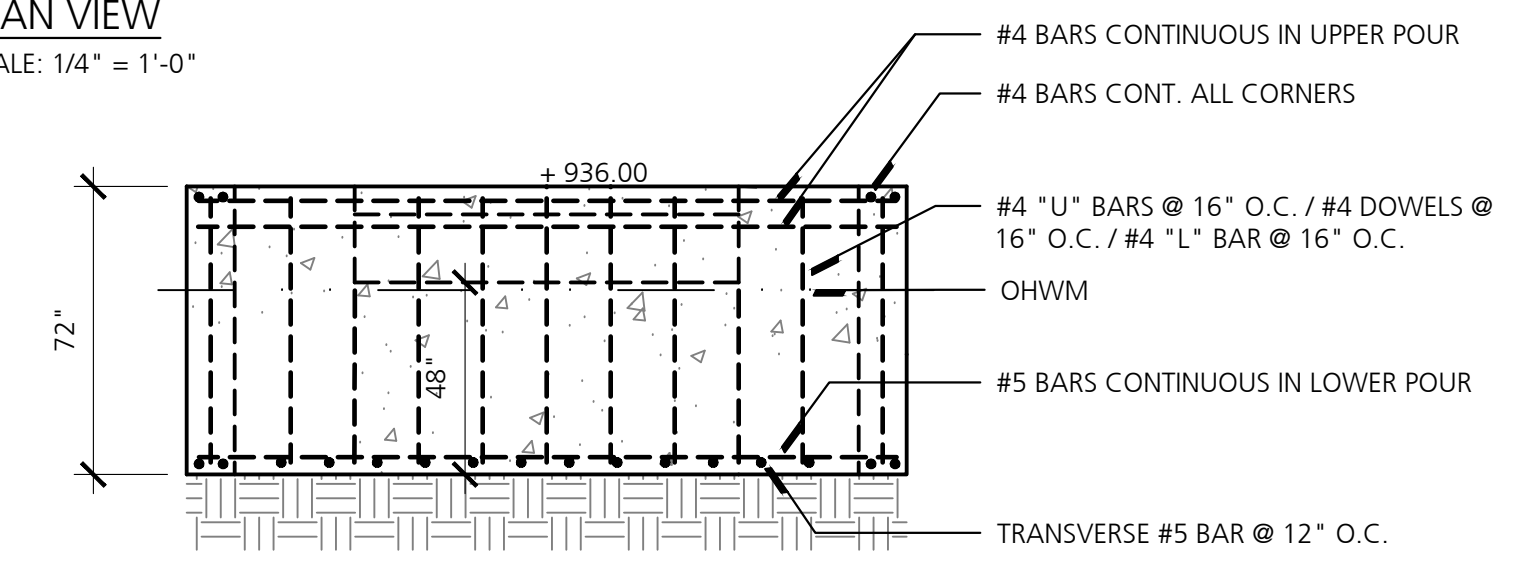
2 Concrete Abutment with Transition
NO SCALE

NOTES:

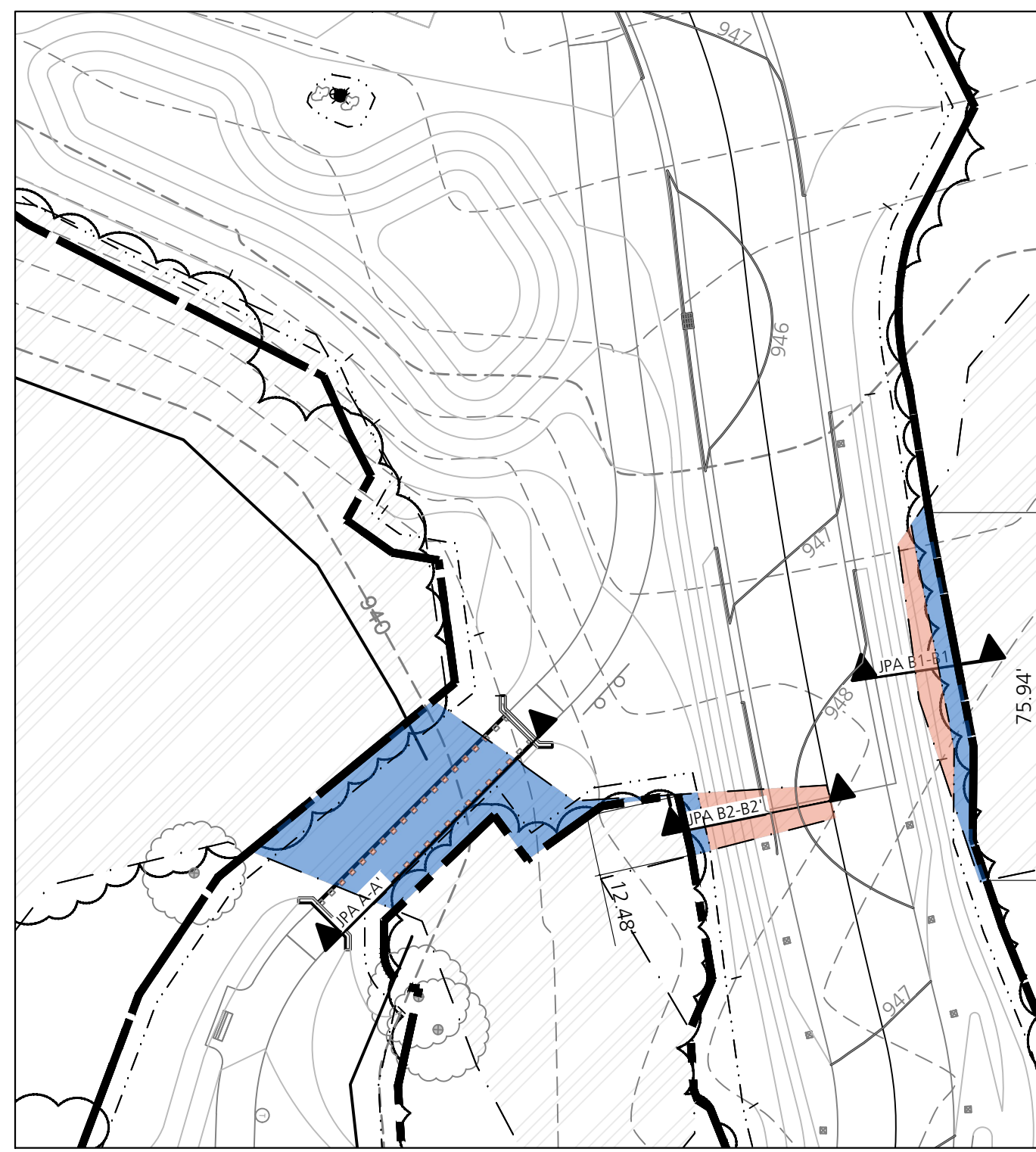
- THE FISHING PIER SHOWN ON THIS SITE DETAIL SHEET ARE BASED OFF A PIER BY FLATATION DOCKING SYSTEMS, INC. FROM CEDARVILLE, MICHIGAN (906.484.3422). IT IS NOT THE INTENT TO PRECLUDE ANY OTHER FISHING PIER SYSTEMS FROM A DIFFERENT MANUFACTURER. HOWEVER, THEY SHOULD COMPLY WITH THE REQUIRED DESIGN LOADS, DIMENSIONS AND BE CONSTRUCTED WITH THE SPECIFIED MATERIALS AND DETAILS. THEY SHOULD BE OF A QUALITY EQUAL TO OR BETTER THAN THE SPECIFICATIONS PROVIDED.
- CONCRETE TO BE 5000psi AT 28 DAYS AND AIR ENTRAINED TO 6% +/- 1%. REBAR TO BE GRADE 60 EPOXY COATED BAR.
- COVER AT UPPER POUR TO BE 1" MIN.
- REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS ON EXCAVATION AND DEWATERING.



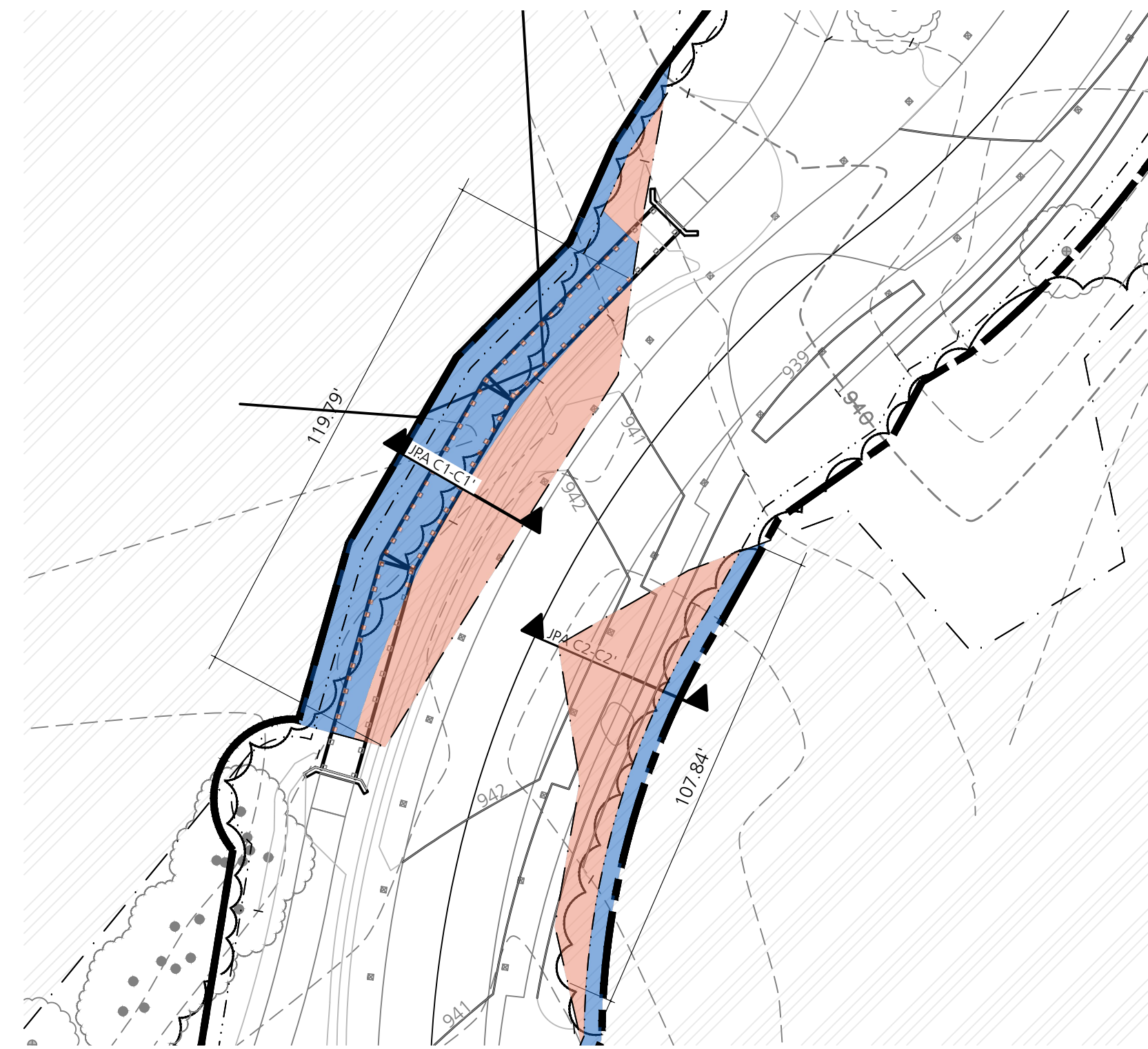
PLAN VIEW
SCALE: 1/4" = 1'-0"



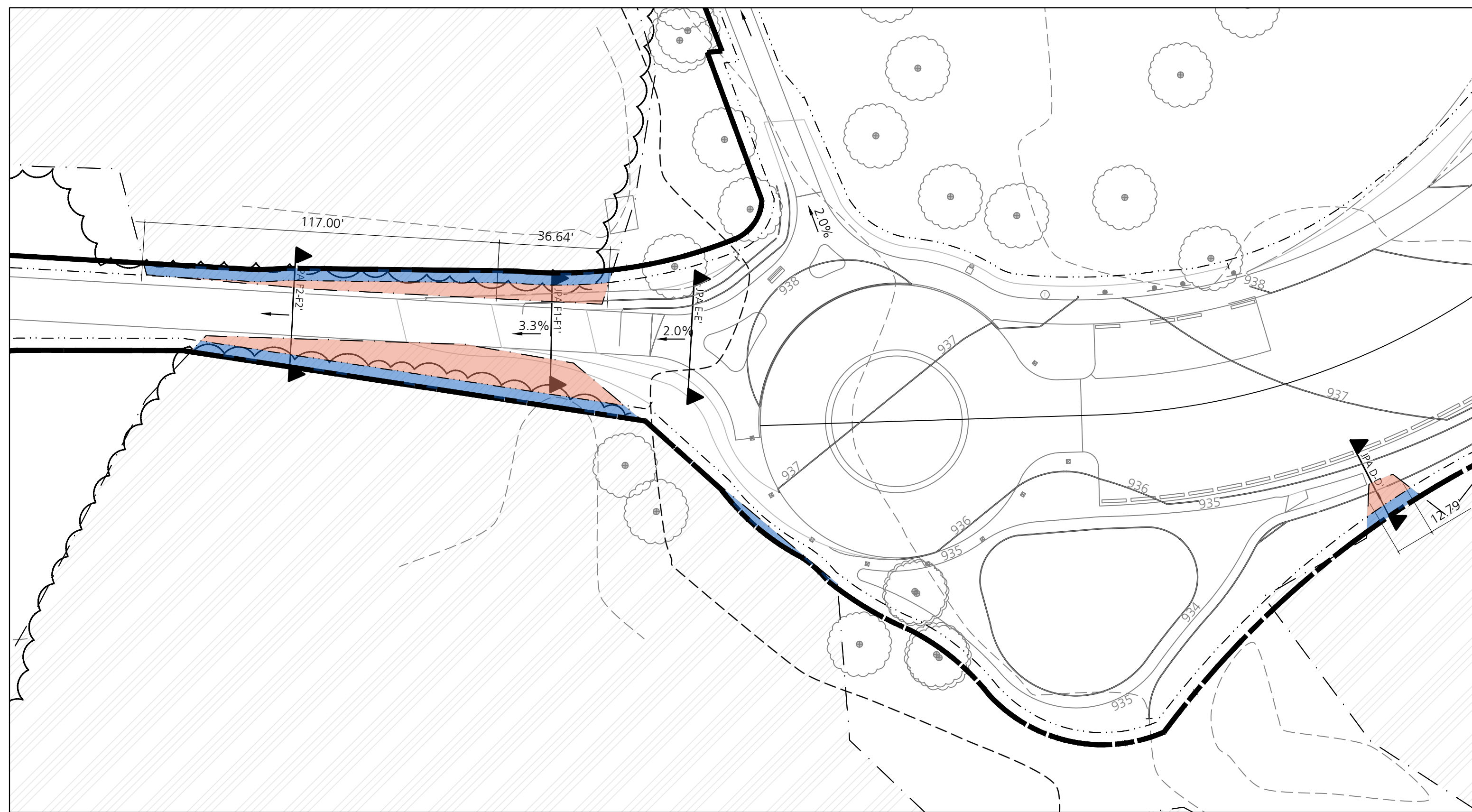
SECTION VIEW: ABUTMENT VIEWED FROM WATER
SCALE: 1/4" = 1'-0"



1 WETLAND IMPACT AREAS A-B
NO SCALE

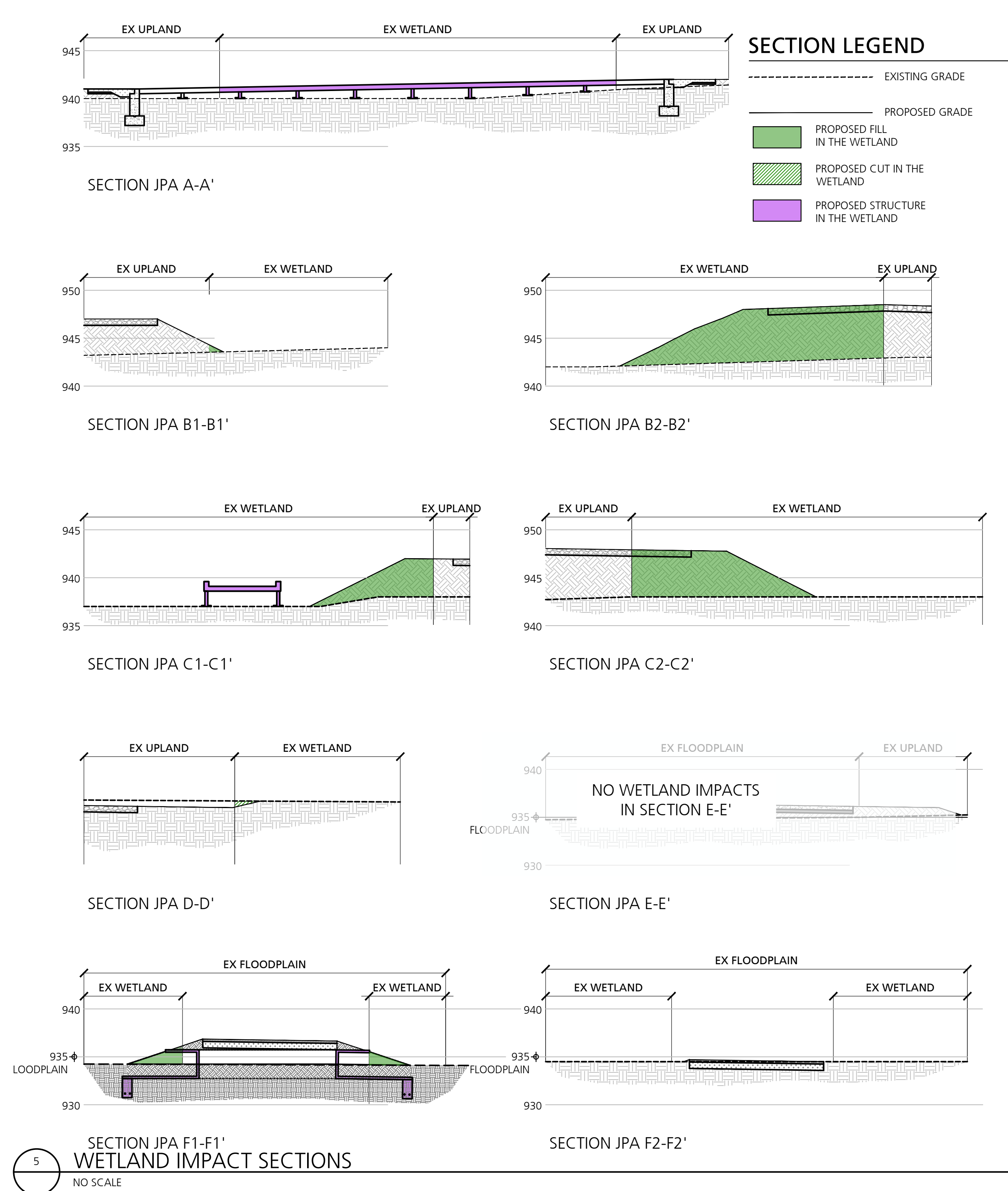
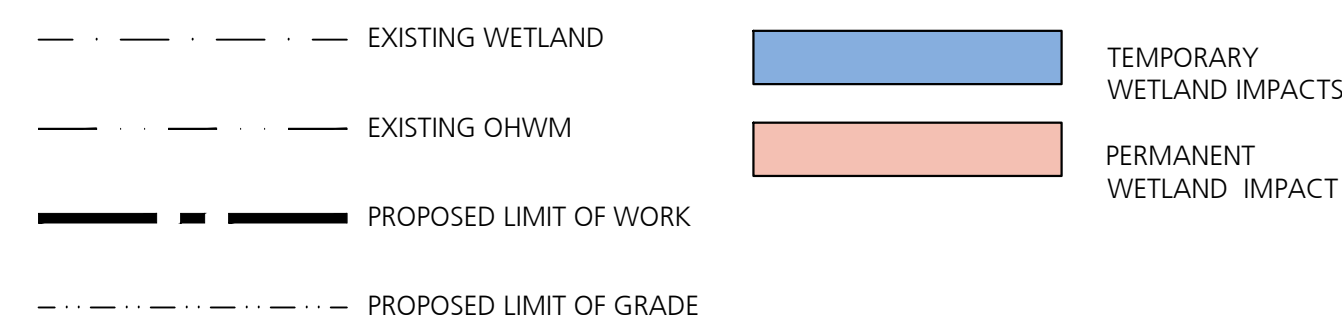


2 WETLAND IMPACTS AREAS D-E



4 WETLAND IMPACTS AREAS F-G
NO SCALE

PLAN LEGEND, NORTH ARROW, AND SCALE



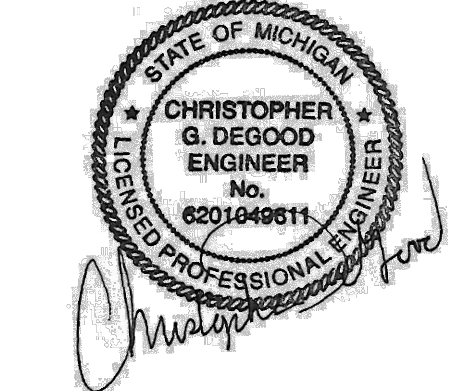
5 SECTION JPA F1-F1'
WETLAND IMPACT SECTIONS
NO SCALE

Wetland Impact Summary Table						
Impact Area	Type	Wetland Impact Area (SF)		Fill (CY)	Cut (CY)	Notes
		Temp	Perm			
A	Structure - Boardwalk	1386	29	0	0	Boardwalk Pan Footings sit on top of wetland, see Detail 1, sheet C7.4
B	Fill - Access Drive	313	384	59	0	Fill for access drive over culvert equalizer, soil and gravel
	Structure - Northern Wildlife Culvert	-	-	-	-	Wetland equalizer culvert, see detail Detail 1, sheet C8.0
C	Fill - Access Drive	407	2380	418	0	Fill for access drive over wetland culvert equalizer, soil and gravel - Detail 2, sheet C8.0
	Structure - Southern Wildlife Culvert	-	-	-	-	Wetland equalizer culvert, see detail Detail 2, sheet C8.0
D	Structure - Boardwalk	1464	247	-	-	Boardwalk Pan Footings sit on top of wetland, see Detail 1, sheet C7.4
	Other - Cut - Parking Lot	60	42	0	1	Cut for parking lot swale
F	Fill - Pathway (Bituminous)	2445	243	16	0	Fill for pathway over culvert equalizer, soil, bituminous paving, limestone
	Structure - Walkway Wildlife Culvert	-	-	-	-	Wetland equalizer culvert, see Detail 3, sheet C8.0
All	Other - Vegetation Removal	-	-	-	-	Veg removal impacts overlap with other impacts are are not double-counted in area, total is 8105 sf
Total		6075	3325	493	1	
Total Acres		0.14	0.08			

Wetland Impacts - Calculations							
Section	Fill (SF)	Cut (SF)	Net Fill-Cut (SF)	Section Width	Fill Volume (CY)	Cut Volume (CY)	Net Volume (Net Fill-Dredge Area x Section Width) (CY)
JPA A-A'	0	0	0	8	0	0	0
JPA B1-B1'	1	0	0.6	76	2	0	2
JPA B2-B2'	118	0	118	13	57	0	57
JPA C1-C1'	31	0	31	120	138	0	138
JPA C2-C2'	70	0	70	108	280	0	280
JPA D-D'	0	1	-0.9	13	0	1	0
JPA F1-F1'	9	0	8.3	52	16	0	16
JPA F2-F2'	0	0	0	124	0	0	0

5 WETLAND IMPACT CALCULATIONS
NO SCALE

Consultants



Seal
Project Title
**White Lake Twp.
Stanley Park
Phase 1 Implementation
MDNR Project No. 26-01868**
White Lake Township, MI

Sheet Title

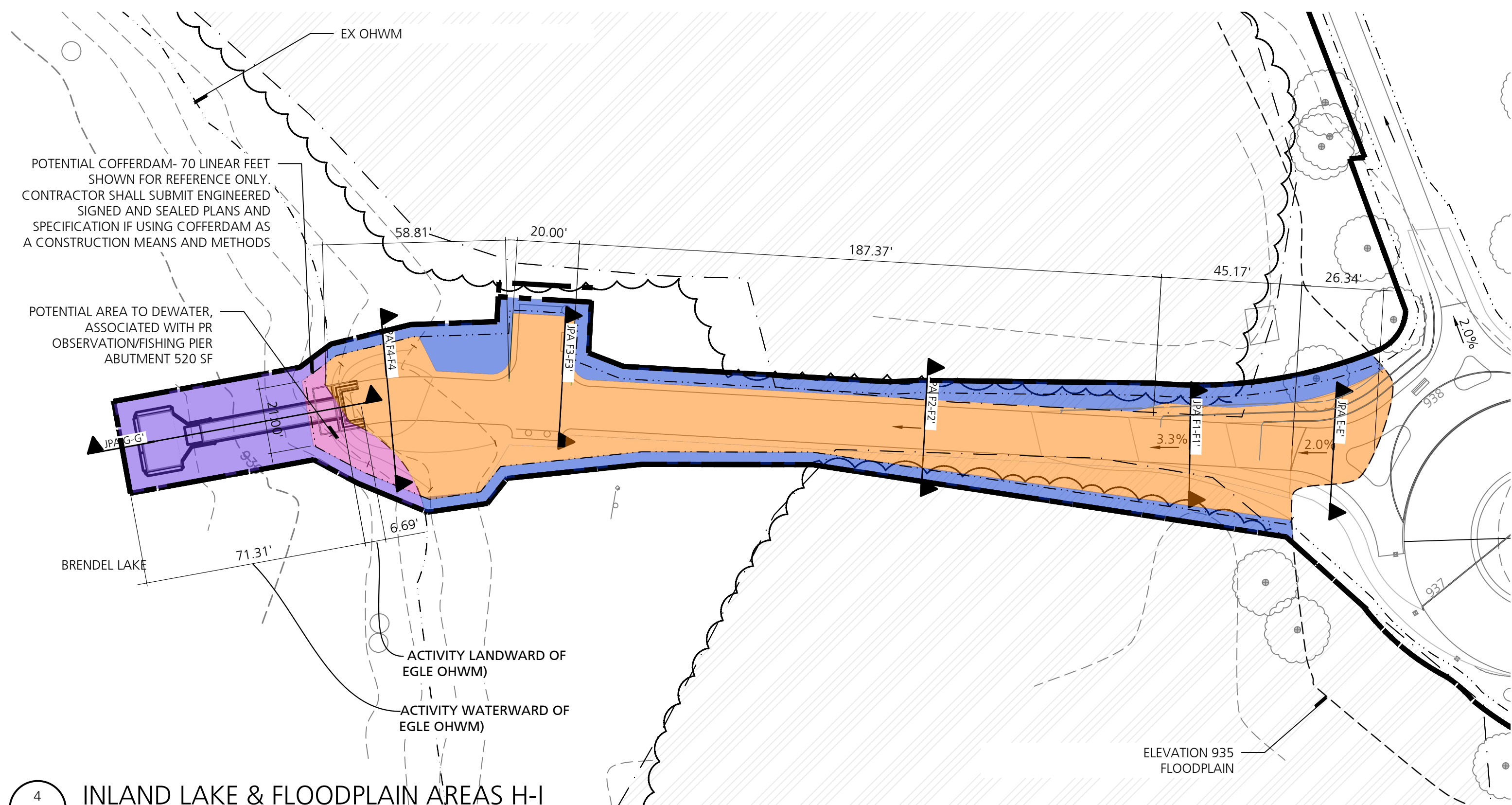
Dates	
Dates	Issued for
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Scale

Quality Control
Drawn: MK, LDS
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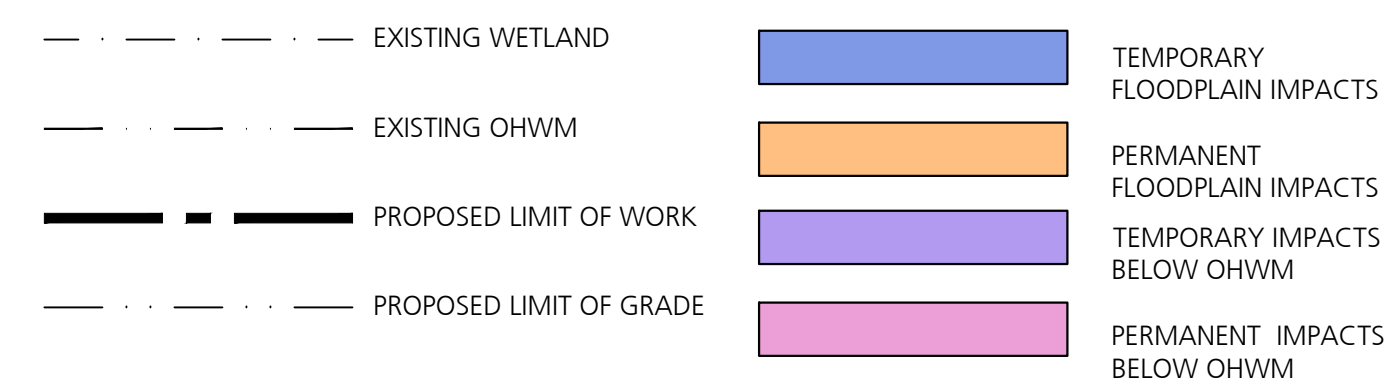
Project Number
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4 INLAND LAKE & FLOODPLAIN AREAS H-I
NO SCALE

PLAN LEGEND, NORTH ARROW, AND SCALE



Floodplain Impact Summary Table						
Impact Area	Type	Floodplain Impact Area (SF)		Fill (CY)	Cut (CY)	Notes
		Temp	Perm			
E	Fill - Pathway (Concrete)	190	875	35	0	Fill for pathway ramping down to lake access
F	Fill - Pathway (Bituminous)	3439	8648	332	95	Fill for pathway over culvert equalizer, soil, bituminous paving, limestone
	Structure - Abutment	-	43	12	-	Structure is approx 6 ft deep, 3 ft wide, and 31 ft long. and is 60% in floodplain, see detail 2/C7.6
All	Vegetation Removal	-	-	-	-	Veg removal impacts overlap with other impacts are are not double-counted in area
	Total	3629	9566	380	95	
	Total Acres	0.08	0.22			

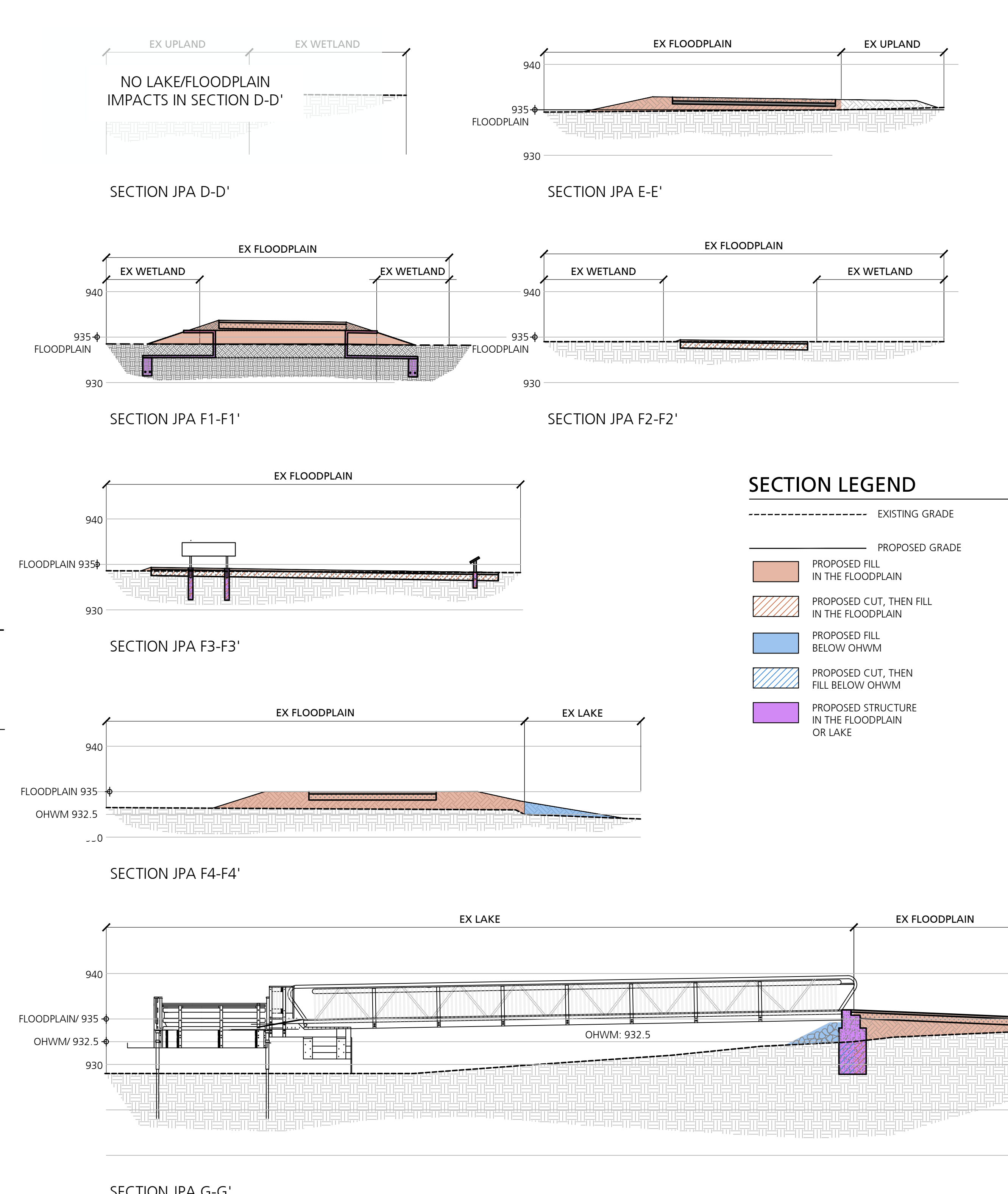
Floodplain Impacts Calculations							
Section	Fill (SF)	Cut (SF)	Net Fill-Cut (SF)	Section Width	Fill Volume (CY)	Dredge Volume (CY)	Net Volume (Net Fill-Dredge Area x Section Width) (CY)
JPA E-E'	35	0	35	27	35	0	35
JPA F1-F1'	56	0	56	45	93	0	93
JPA F2-F2'	13	11	1.6	187	89	78	11
JPA F3-F3'	34	22	11.6	20	25	16	9
JPA F4-F4'	57	0	57	59	125	0	125

5 FLOODPLAIN IMPACTS CALCULATIONS
NO SCALE

Lake Impacts Summary Table						
Impact Area	Type	Lake Impact Area (SF)		Fill (CY)	Cut (CY)	Notes
		Temp	Perm			
F	Fill - Grading at Abutment	2015	404	17	0	Fill for pathway ramping up to abutment, soil, bituminous paving, limestone
G	Fill - Rip Rap	0	90	8	6	Abutment protection
	Structure - Abutment	0	26	8	0	Structure is approx 6 ft deep, 3 ft wide, and 31 ft long. and is 40% in lake
	Total	2015	520	33	6	

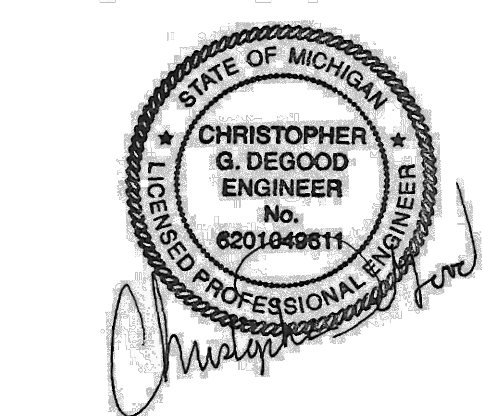
Lake Impacts - Calculations							
Section	Fill (SF)	Cut (SF)	Net Fill-Cut (SF)	Section Width	Fill Volume (CY)	Dredge Volume (CY)	Net Volume (Net Fill-Dredge Area x Section Width) (CY)
JPA F4-F4'	7.6	0	7.6	59	17	0	17
JPA G-G'	8	6	2	27	8	6	2

5 LAKE IMPACTS CALCULATIONS
NO SCALE



5 LAKE & FLOODPLAIN IMPACT SECTIONS
NO SCALE

Consultants



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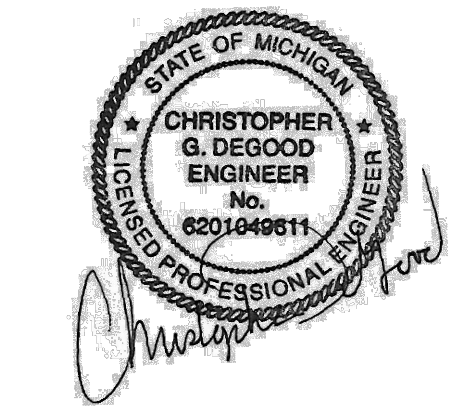
Quality Control
Drawn: MK, LDS
Checked: LDS, BB
Approved: BB

Project Number
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Sheet Number

C7.7 JPA PERMIT - INLAND LAKE & FLOODPLAIN IMPACTS

Consultants



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Scale

Quality Control

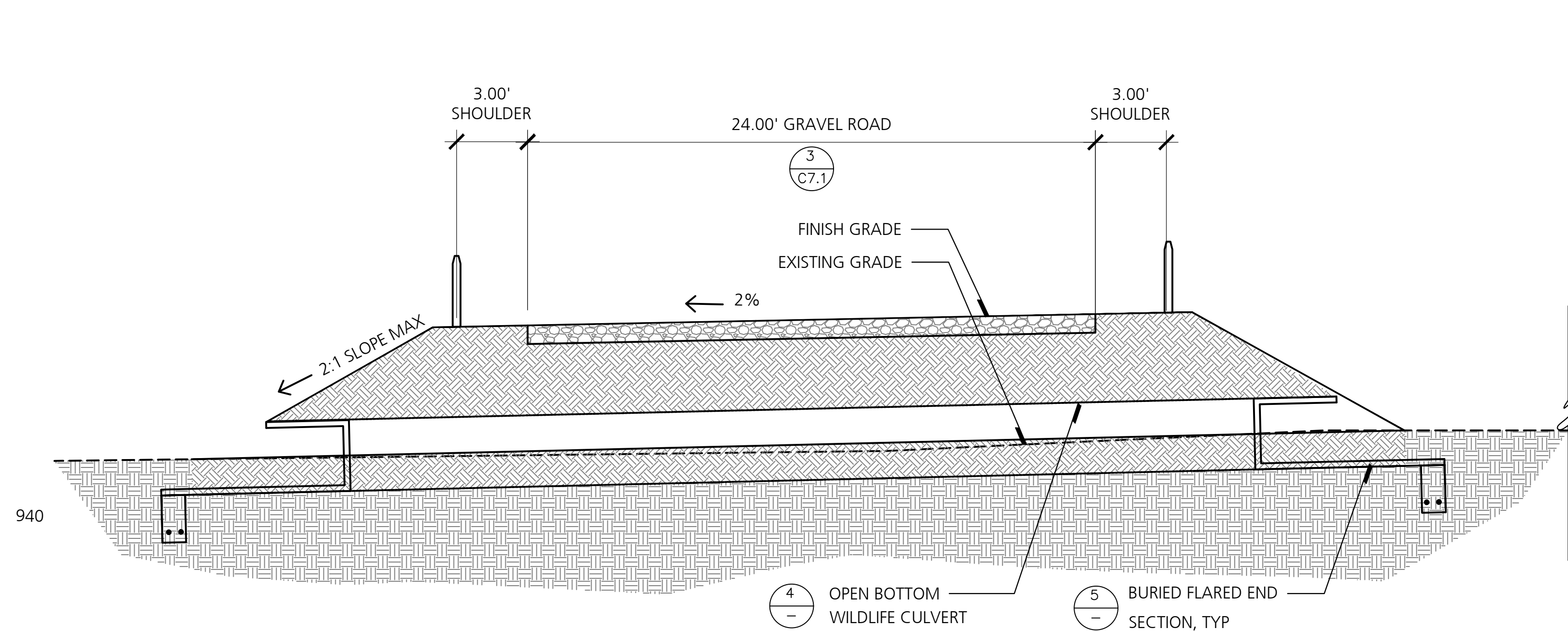
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Project Number

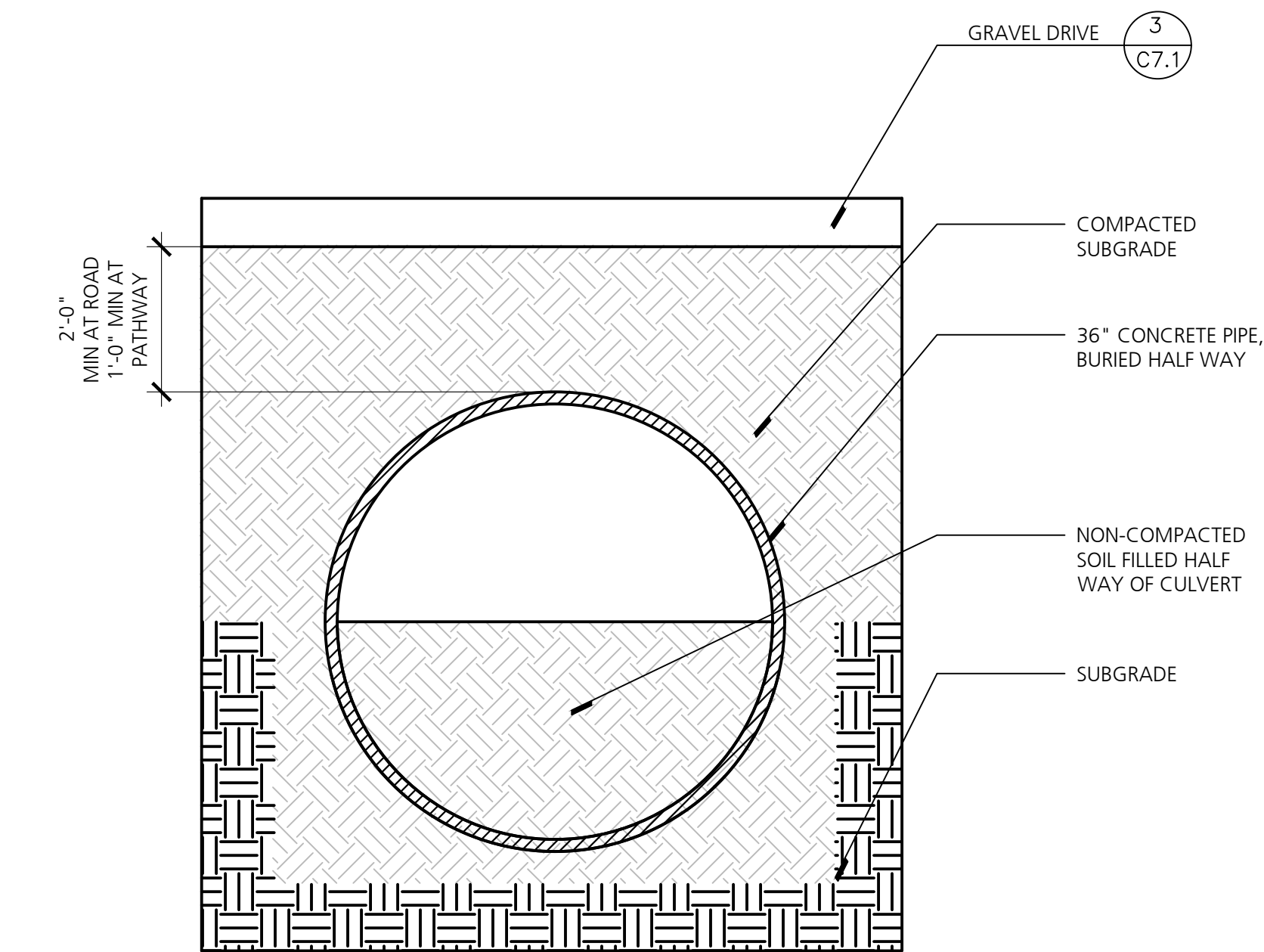
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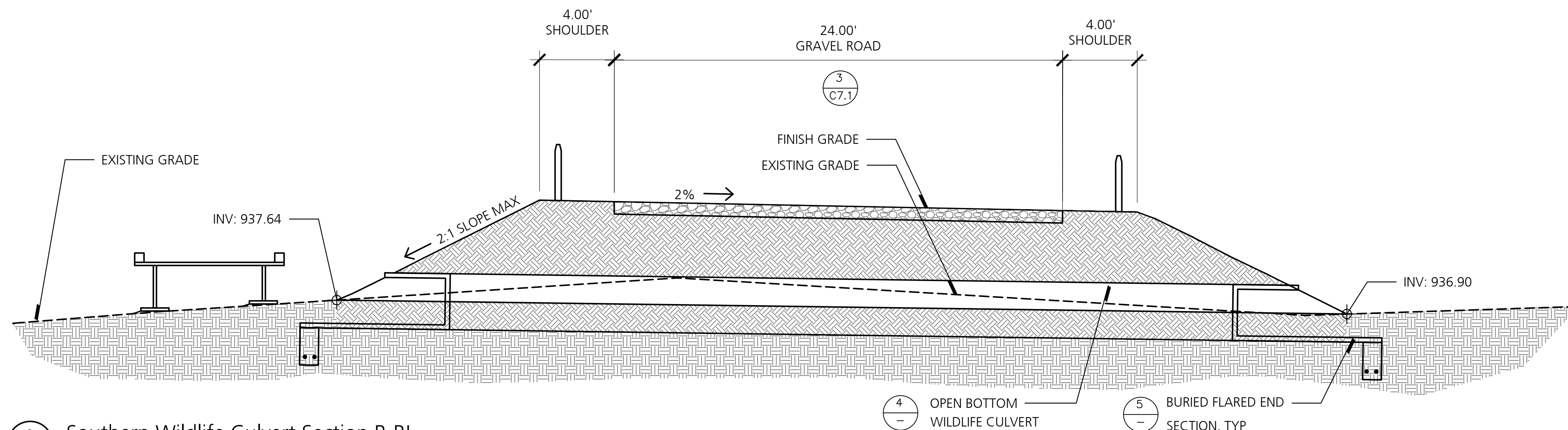
C8.0 UTILITY DETAILS (1)



1 Northern Wildlife Culvert Section A-A'
 NO SCALE

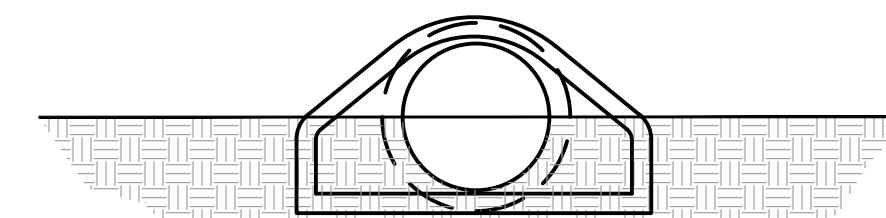


4 Open Bottom Wildlife Culvert
 NO SCALE

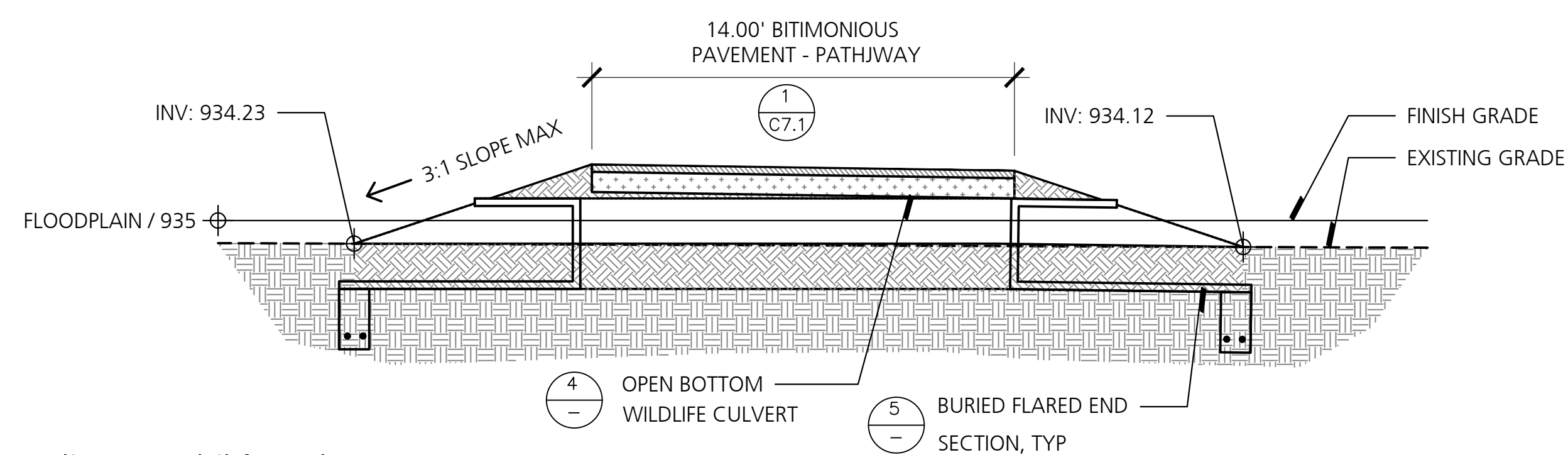


2 Southern Wildlife Culvert Section B-B'
 NO SCALE

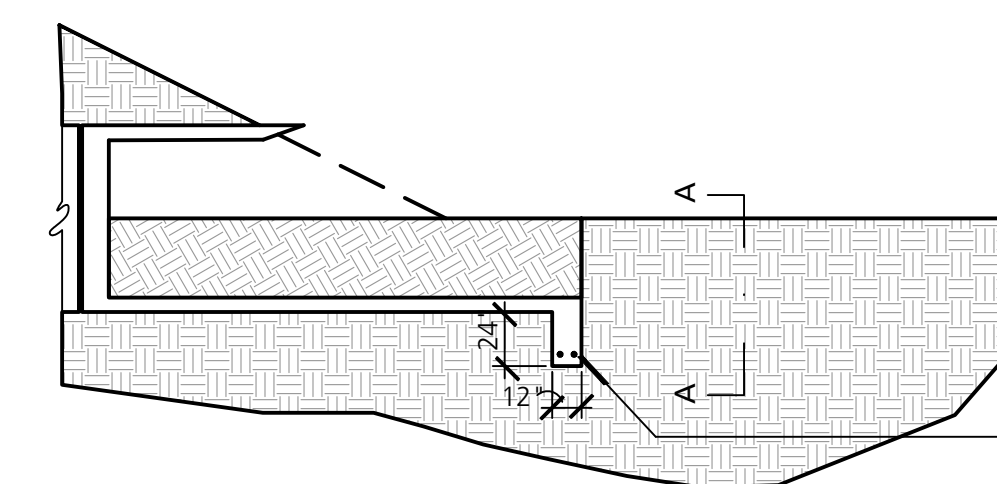
- NOTES:
 1. BAR GRATE IS REQUIRED AT ALL END SECTIONS, 18" DIA. OR LARGER.
 2. END SECTIONS ARE ALL TO BE R.C.P. - CLASS IV.
 3. USE #6 VERTICAL AND #8 HORIZONTAL REBAR.



SECTION A-A



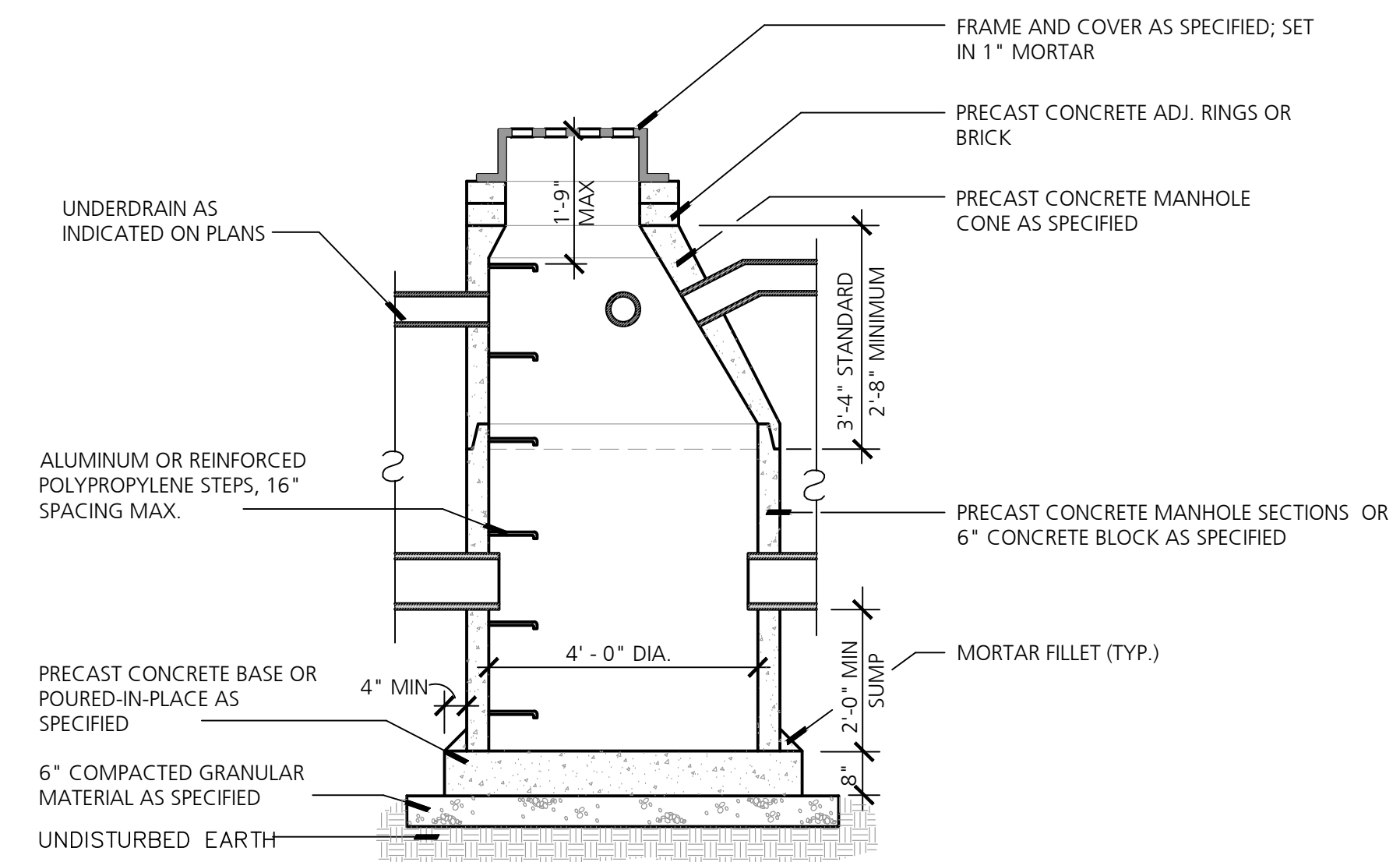
3 Walkway Wildlife Culvert Section A-A'
 NO SCALE



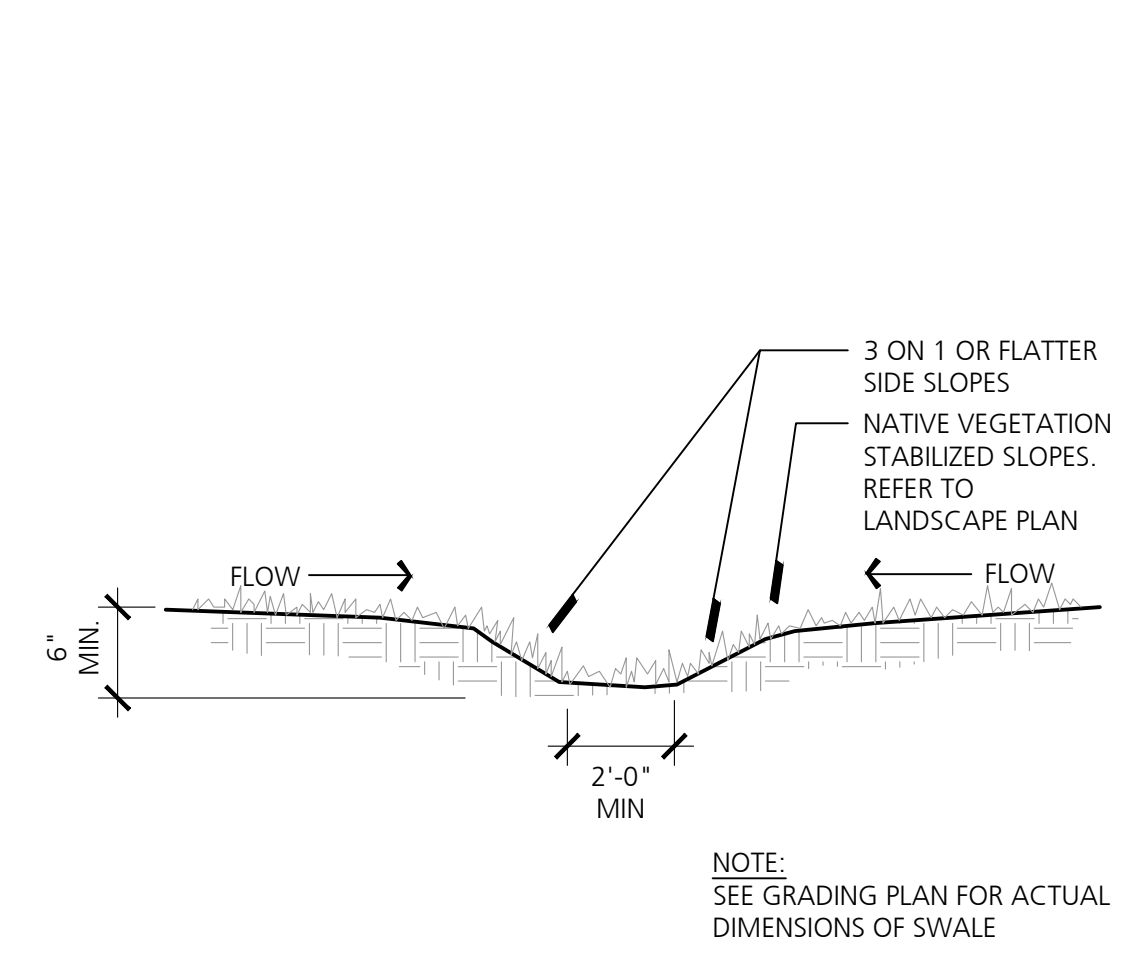
LONGITUDINAL SECTION

5 Buried Flared End Section
 NO SCALE

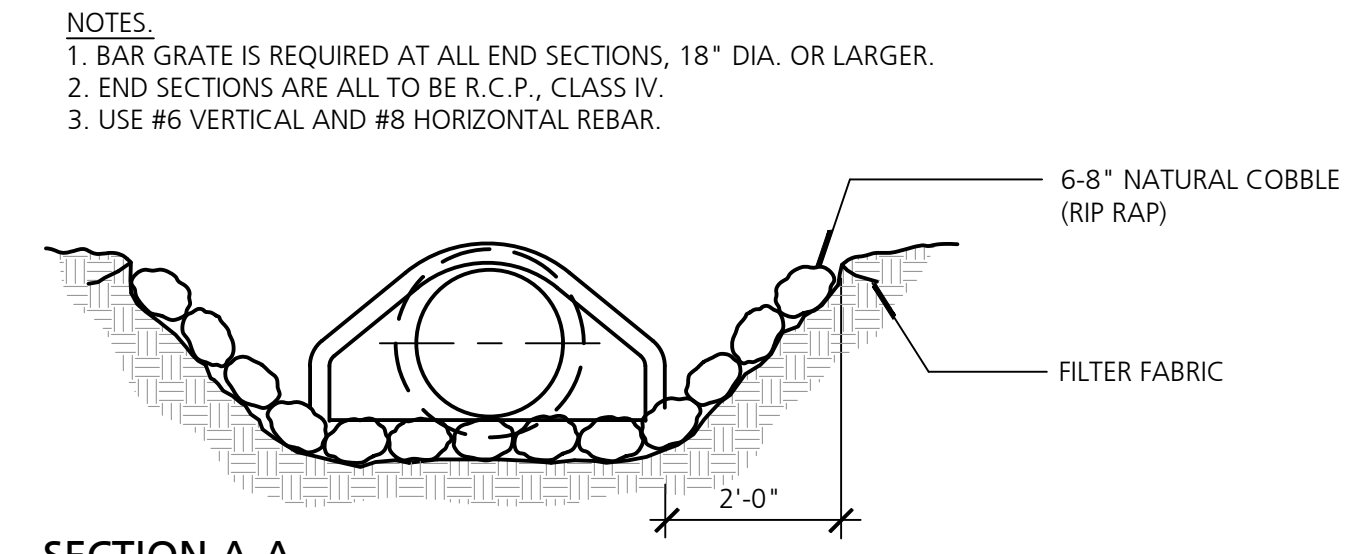
TWO (2) #4 REBAR IN CONC. FOOTING



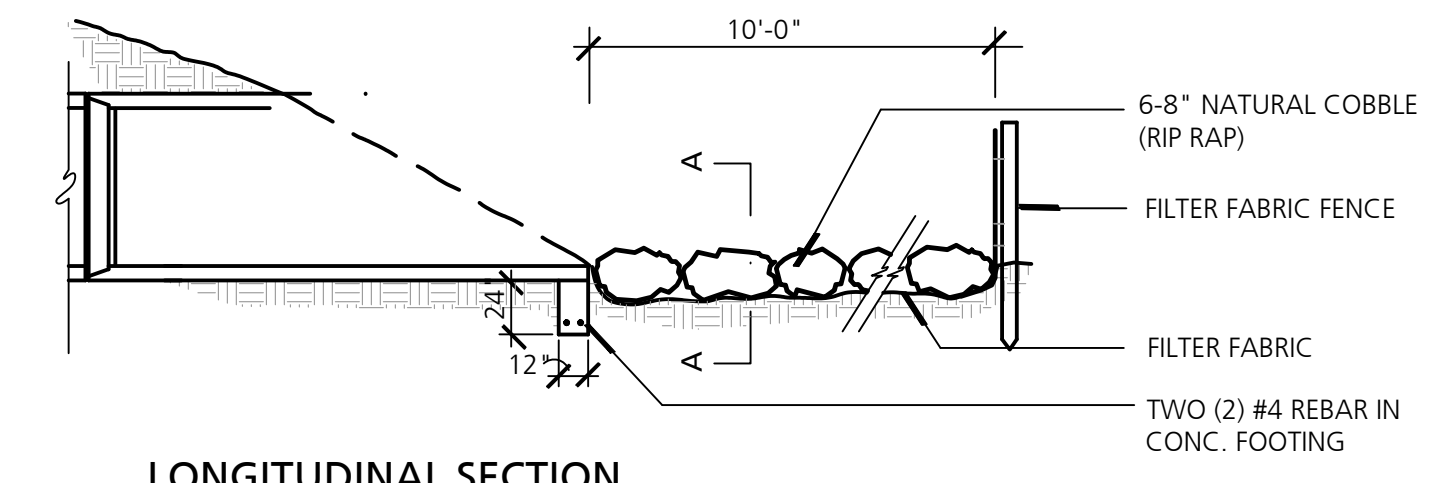
1 Catch Basin
NOT TO SCALE



2 Vegetated Swale
NOT TO SCALE

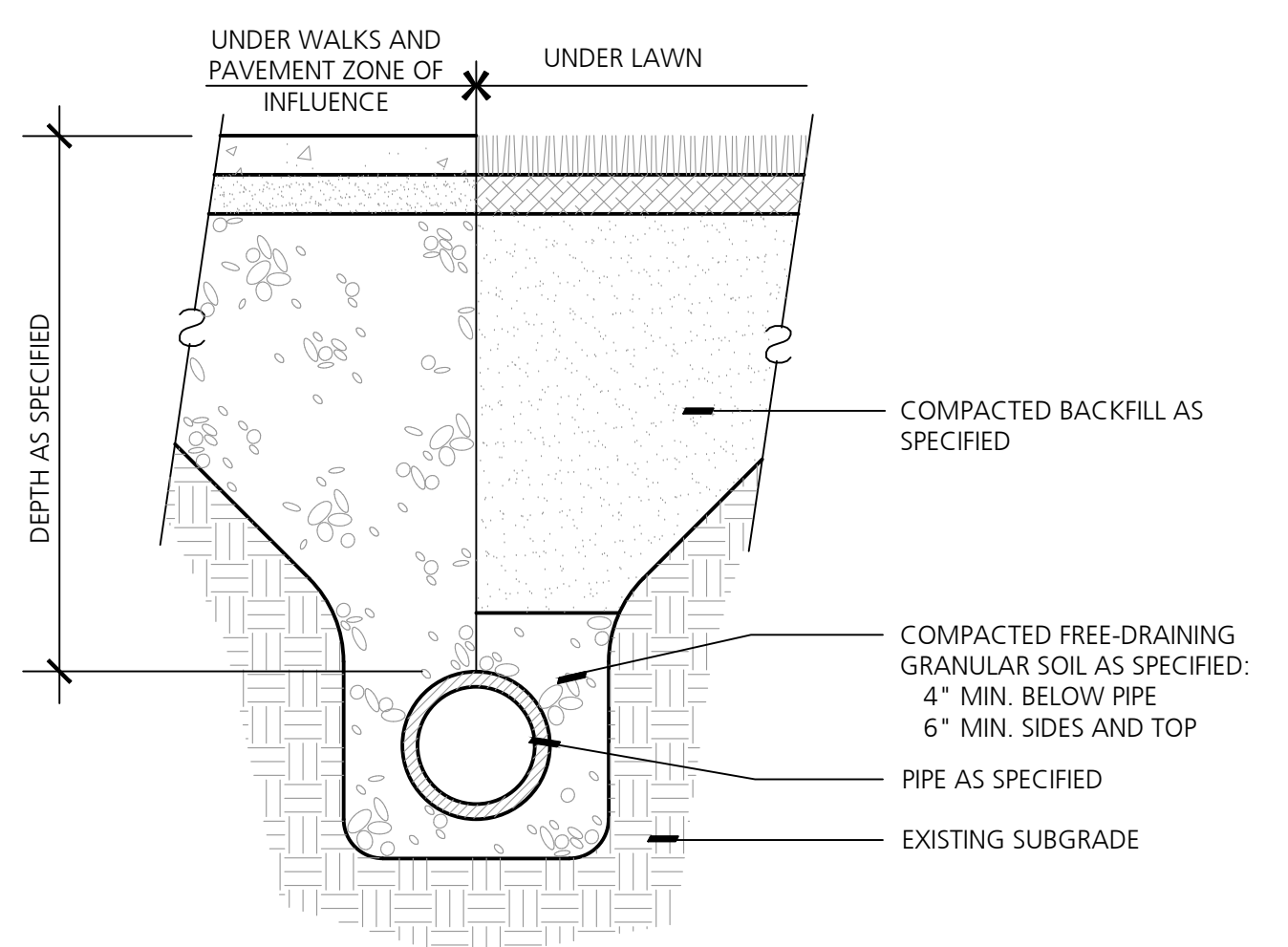


SECTION A-A

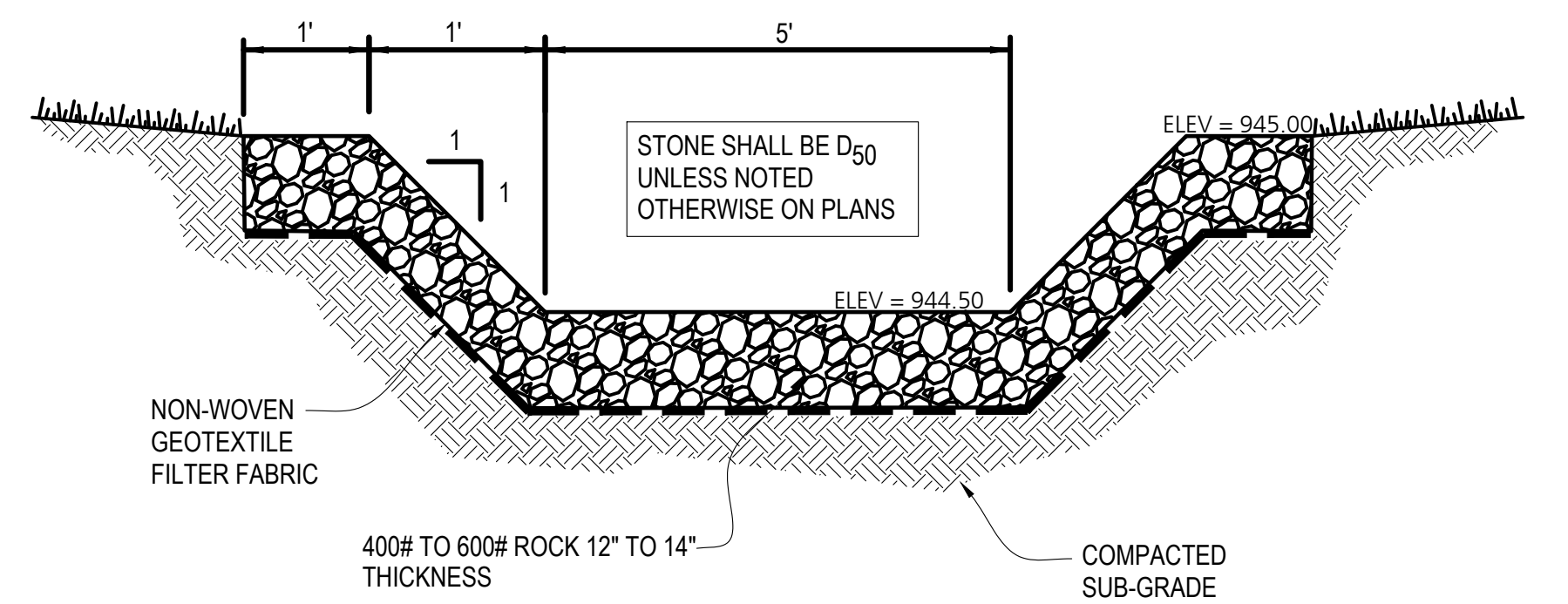


LONGITUDINAL SECTION

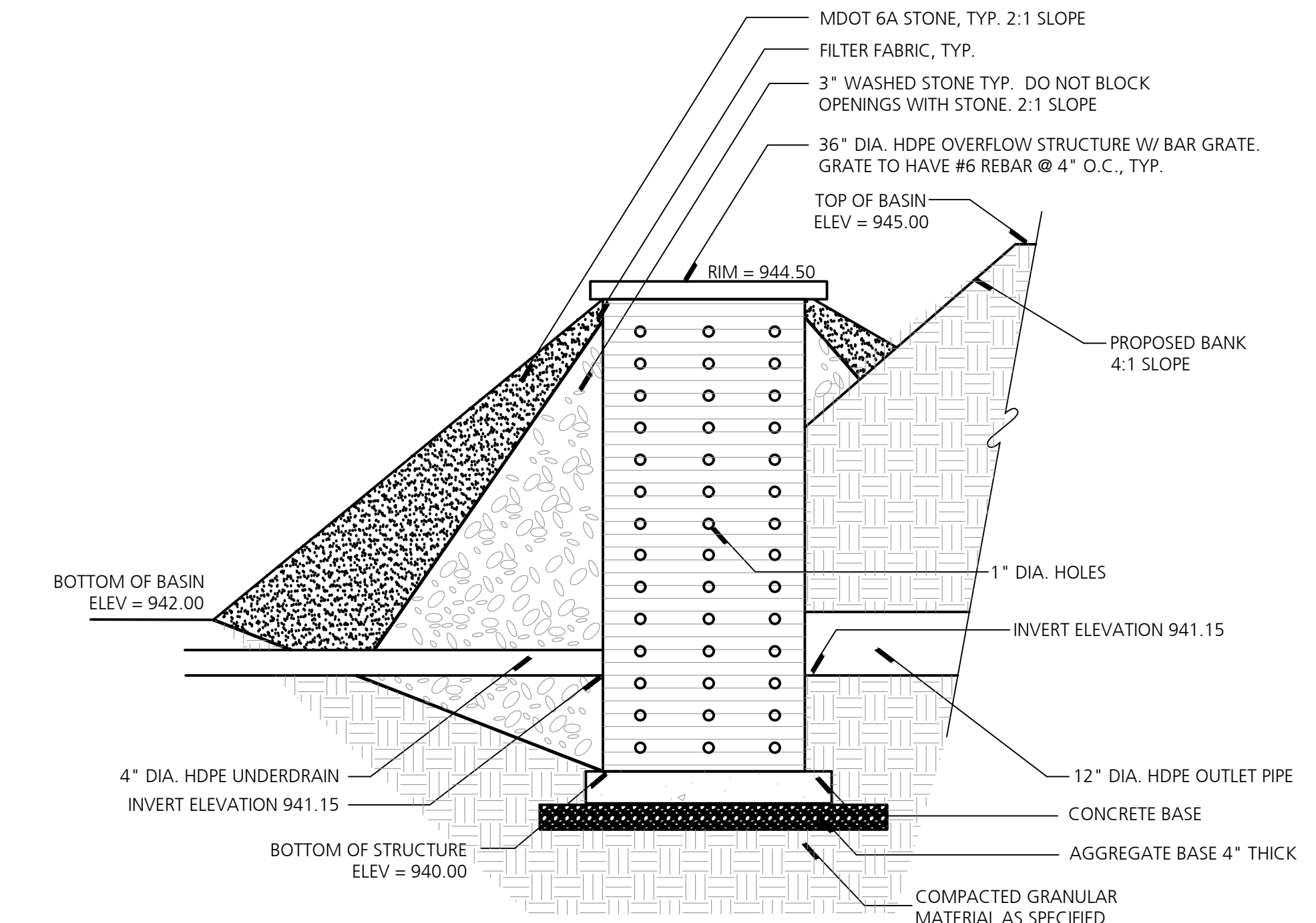
3 Flared End Section
NO SCALE



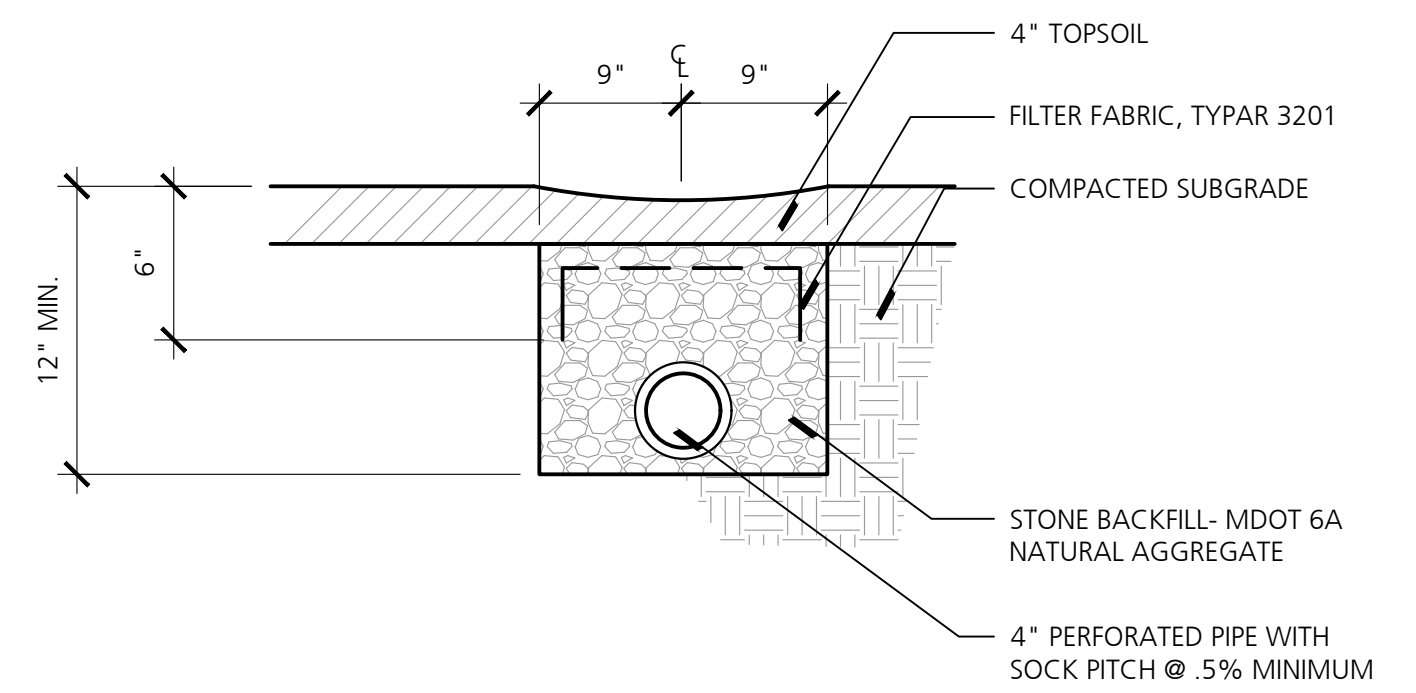
4 Trench Detail
NO SCALE



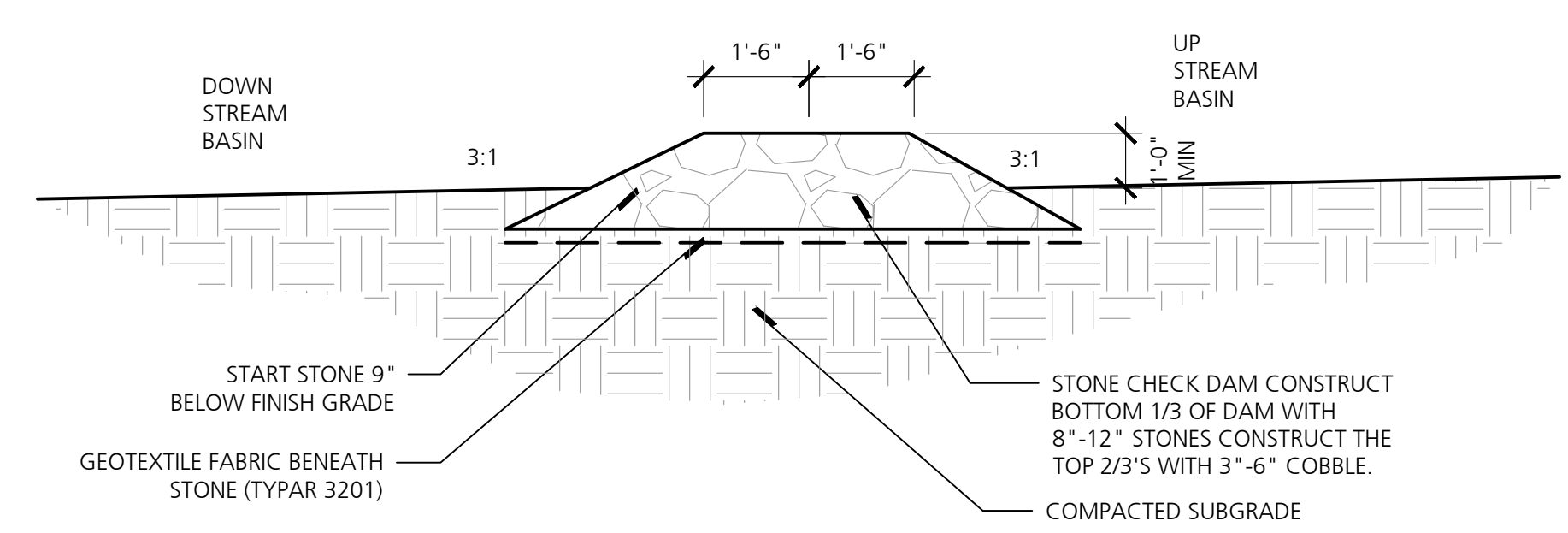
5 Basin Overflow Spillway
NO SCALE



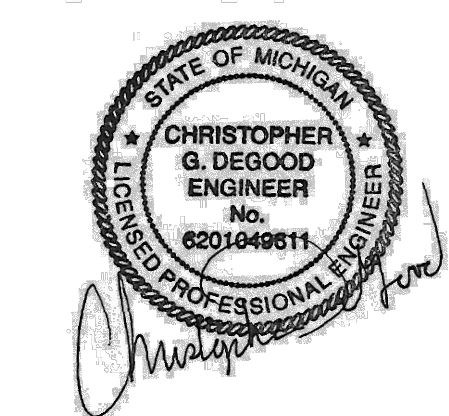
6 Sediment Basin Outlet Control Structure
NO SCALE



7 Underdrain Drain
NO SCALE



8 Section Stone Check Dam
NO SCALE



Seal

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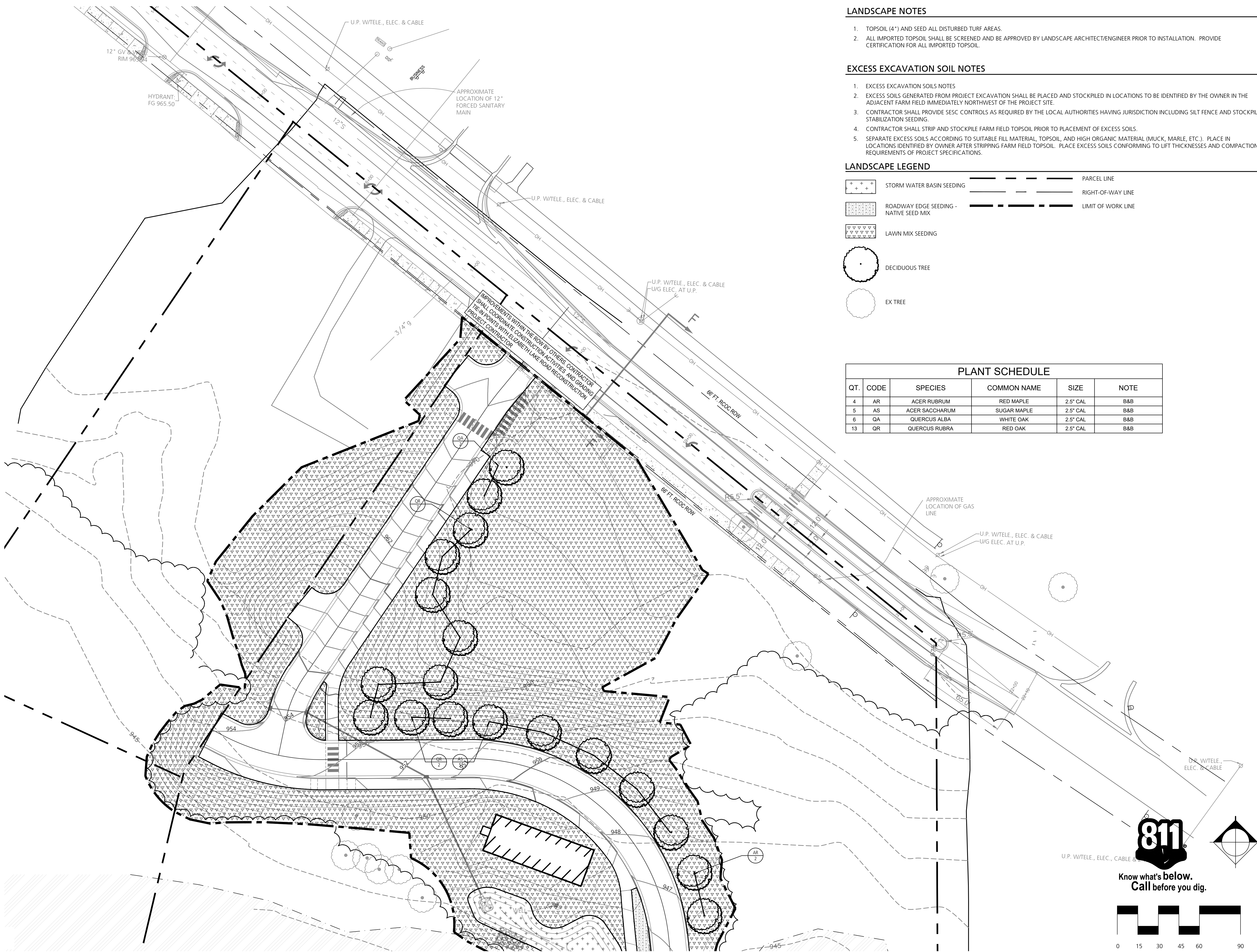
Scale

Quality Control

Drawn: MK, LDS
Checked: LDS, BB
Approved: BB

Project Number
2022024

Sheet Number



LANDSCAPE NOTES

1. TOPSOIL (4") AND SEED ALL DISTURBED TURF AREAS.
2. ALL IMPORTED TOPSOIL SHALL BE SCREENED AND BE APPROVED BY LANDSCAPE ARCHITECT/ENGINEER PRIOR TO INSTALLATION. PROVIDE CERTIFICATION FOR ALL IMPORTED TOPSOIL.

EXCESS EXCAVATION SOIL NOTES

1. EXCESS EXCAVATION SOILS NOTES
2. EXCESS SOILS GENERATED FROM PROJECT EXCAVATION SHALL BE PLACED AND STOCKPILED IN LOCATIONS TO BE IDENTIFIED BY THE OWNER IN THE ADJACENT FARM FIELD IMMEDIATELY NORTHWEST OF THE PROJECT SITE.
3. CONTRACTOR SHALL PROVIDE SESC CONTROLS AS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION INCLUDING SILT FENCE AND STOCKPILE STABILIZATION SEEDING.
4. CONTRACTOR SHALL STRIP AND STOCKPILE FARM FIELD TOPSOIL PRIOR TO PLACEMENT OF EXCESS SOILS.
5. SEPARATE EXCESS SOILS ACCORDING TO SUITABLE FILL MATERIAL, TOPSOIL, AND HIGH ORGANIC MATERIAL (MUCK, MARLE, ETC.). PLACE IN LOCATIONS IDENTIFIED BY OWNER AFTER STRIPPING FARM FIELD TOPSOIL. PLACE EXCESS SOILS CONFORMING TO LIFT THICKNESSES AND COMPACTION REQUIREMENTS OF PROJECT SPECIFICATIONS.

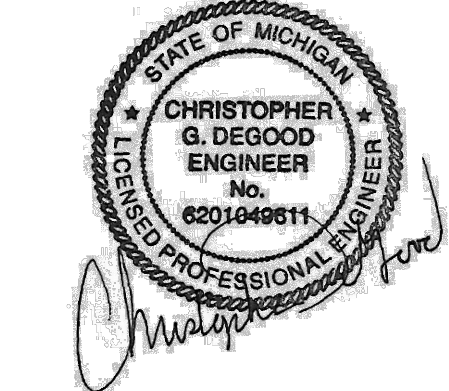
LANDSCAPE LEGEND

	STORM WATER BASIN SEEDING		PARCEL LINE
	ROADWAY EDGE SEEDING - NATIVE SEED MIX		RIGHT-OF-WAY LINE
	LAWN MIX SEEDING		LIMIT OF WORK LINE
	DECIDUOUS TREE		
	EX TREE		

PLANT SCHEDULE

QT.	CODE	SPECIES	COMMON NAME	SIZE	NOTE
4	AR	ACER RUBRUM	RED MAPLE	2.5" CAL	B&B
5	AS	ACER SACCHARUM	SUGAR MAPLE	2.5" CAL	B&B
6	QA	QUERCUS ALBA	WHITE OAK	2.5" CAL	B&B
13	QR	QUERCUS RUBRA	RED OAK	2.5" CAL	B&B

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L1.0 LANDSCAPE PLAN - AREA A

MATCH LINE L1.0

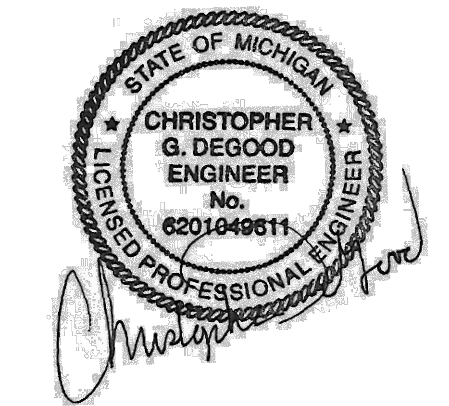


MATCH LINE L1.2

B R
Beckett & Raeder
 Landscape Architecture
 Planning, Engineering &
 Environmental Services

Beckett & Raeder, Inc.
 535 West William, Suite 101
 Ann Arbor, MI 48103
 734.663.2622 ph
 734.663.6759 fx

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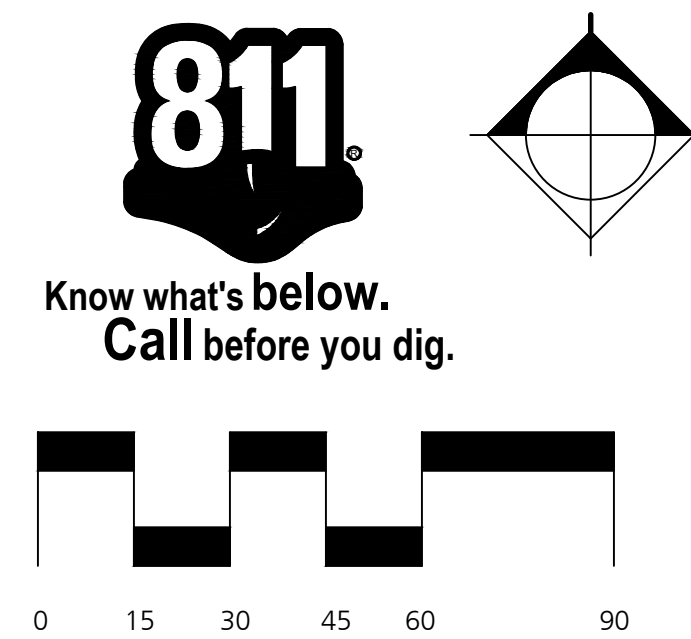
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 Approved: BB

Project Number

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Sheet Number

**L1.1 LANDSCAPE PLAN -
 AREA B**



MATCH LINE L1.1

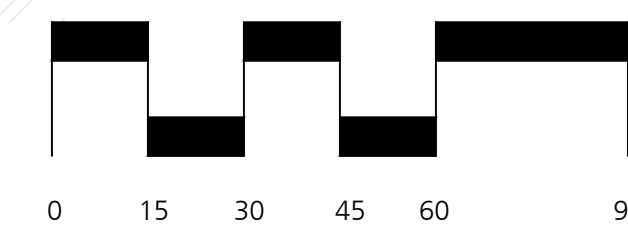
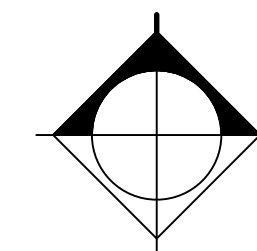


BRENDEL LAKE

APPROXIMATE
WATERS' EDGE
ELEV. = ±932.5'
SURVEYED
04/15/22



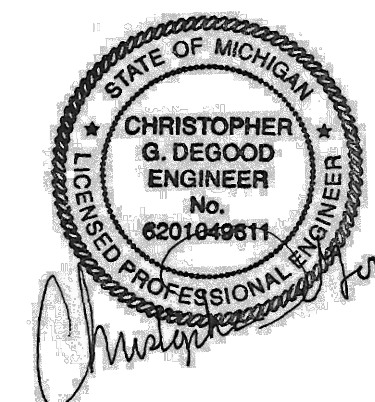
Know what's below.
Call before you dig.



B R
Beckett & Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103
734.663.2622 ph
734.663.6759 fx

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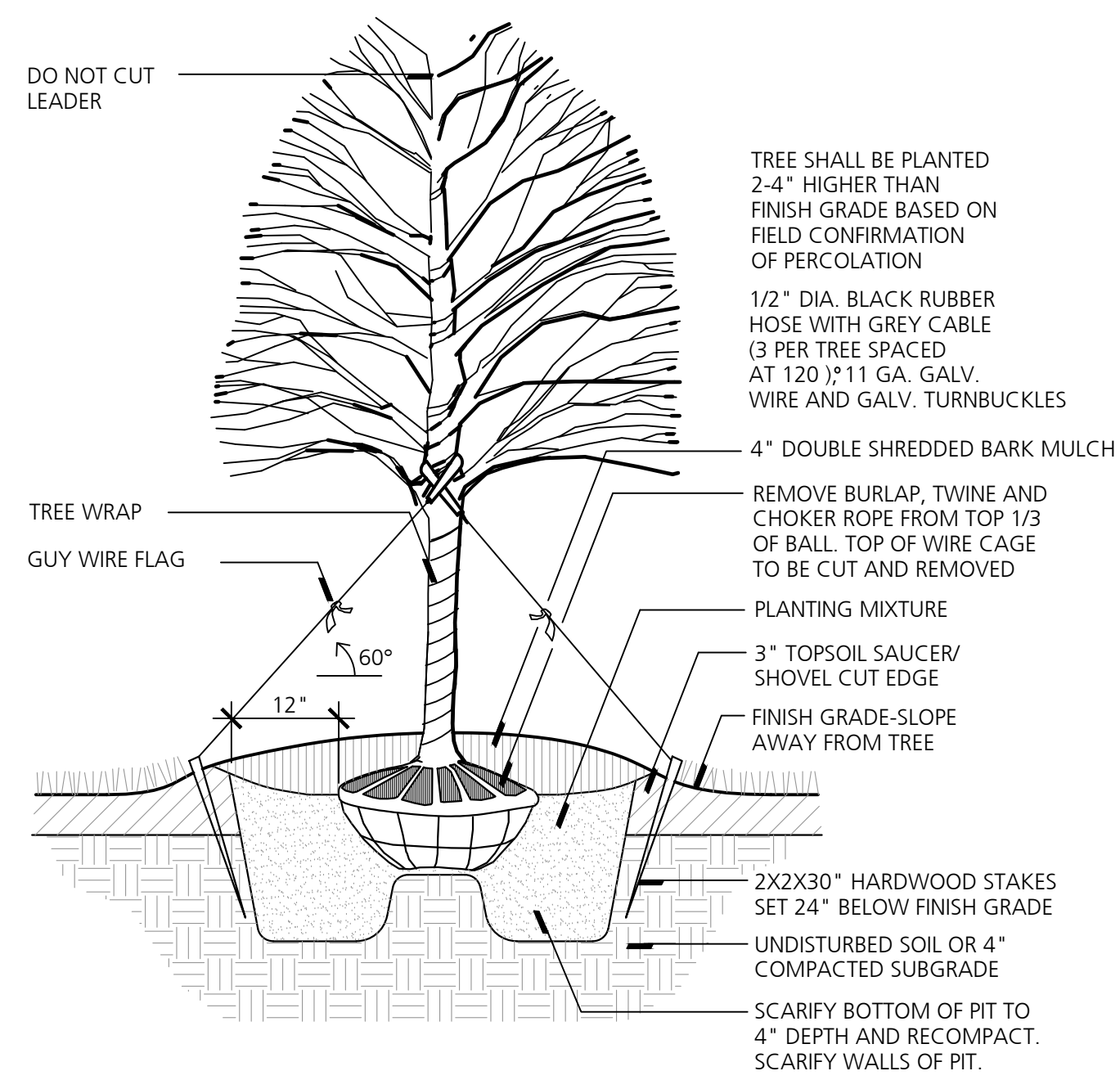
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Approved: BB

Project Number

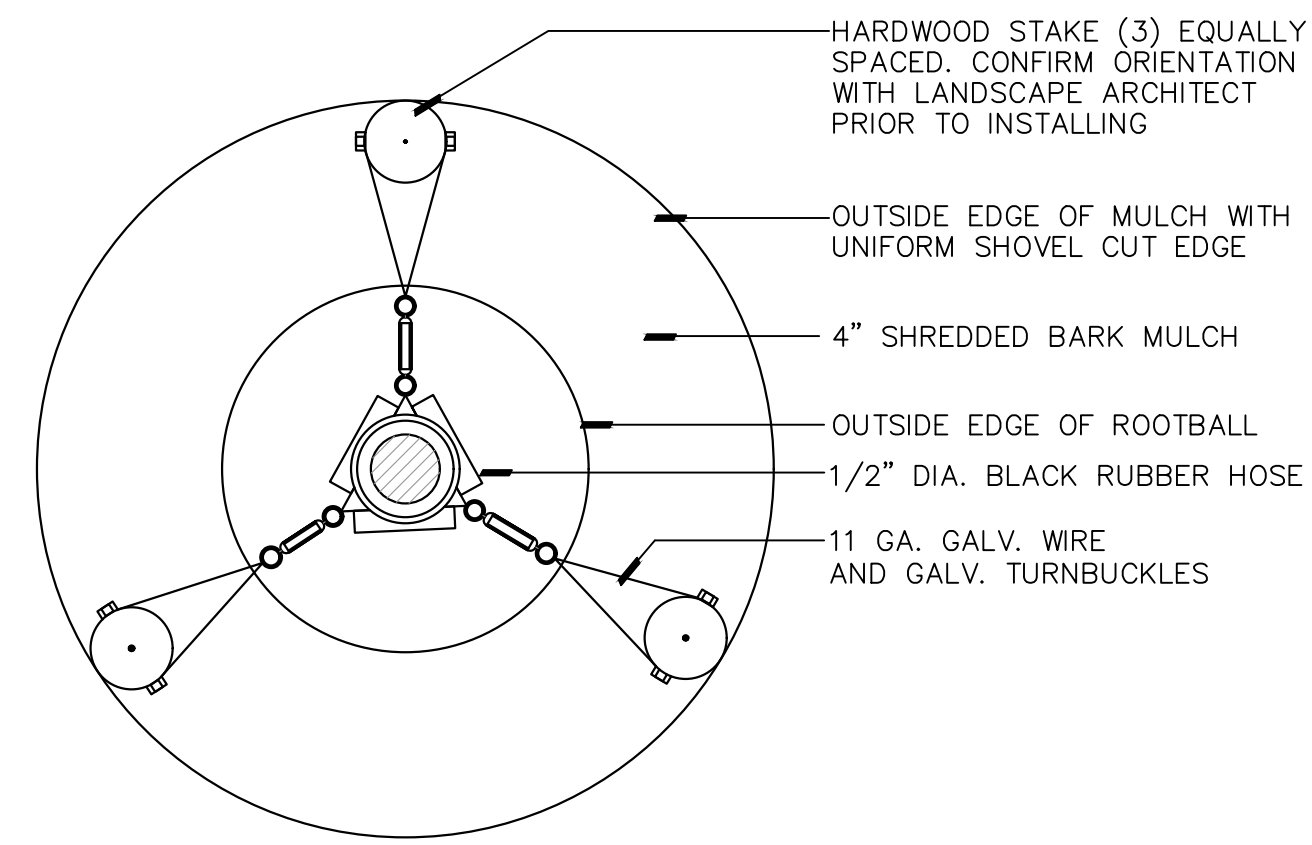
2022024

Sheet Number

**L1.2 LANDSCAPE PLAN -
AREA C**

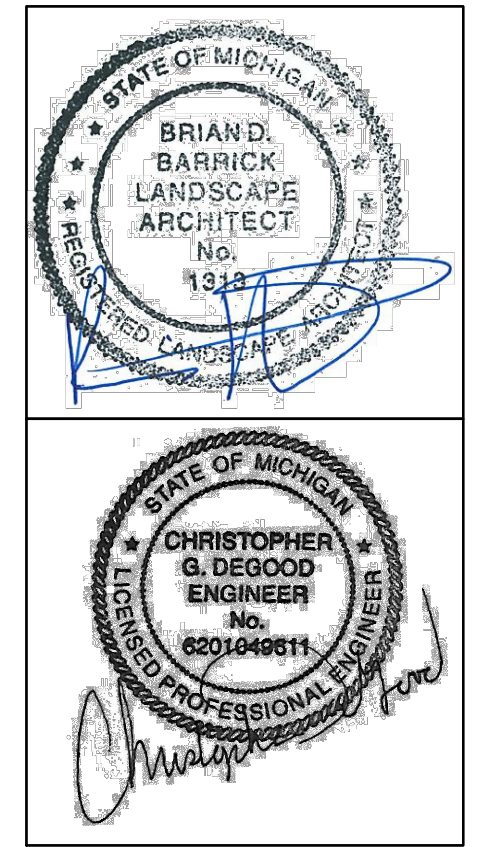


1 Deciduous Tree Planting
NO SCALE



2 Tree Staking
NOT TO SCALE

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L2.0 LANDSCAPE DETAILS (1)