



**ADDENDUM NO. 1
TO SPECIFICATIONS AND PLANS FOR THE
REVITALIZE BRILEY TOWNSHIP PARK – ARCHITECTURAL & SITE IMPROVEMENT PACKAGE
BRILEY TOWNSHIP
MONTMORENCY COUNTY, MICHIGAN**

Date: December 9, 2024,

HRC Job No. 20221066

This Addendum is issued prior to receipt of bids to provide for certain changes and clarifications to the Specifications and/or the Plans, as herein specified, and is hereby made a part of the Contract Documents and shall be taken into consideration in preparing the Proposal. The General Conditions and Specifications for the original work and the Contract Drawings are to govern this work unless otherwise revised herein. All other conditions remain the same.

The Bidder shall acknowledge the receipt of this Addendum by signing this Addendum and enclosing it in the submission of his bids. This must also be acknowledged on Page 48 of the Bid for Lump Sum Contract (Proposal). The proposal included in this Addendum must be submitted for the bid to be considered responsive. Failure to enclose Addendum No. 1 in the submission of bids may be justification for the bid proposal being rejected as non-responsive.

The following lists the extent of this Addendum. Description of the changes or clarifications are given within each heading:

CONTRACT DOCUMENTS

1. PRE-BID MEETING MINUTES
2. SPECIFICATIONS
 - SECTION 00300 – BID FOR UNIT PRICE CONTRACT (Proposal Form – Re-issue)
 - Unit #17 – Observation Crew Days
 - SECTION 01421 – OBSERVATION CREW DAYS
3. DRAWINGS
 - SITE CIVIL DRAWING SHEETS C4 THROUGH C7
 - Re-issued due to printing error making drawing notes unreadable.

SUMMARY:

This Addendum No. 1 has been issued to include all required fees, bonding and surety's necessary for the awarded contractor to obtain the permit and complete the specified work. A copy of the amended pages of the Contract Documents noted in this Addendum No. 1 have been posted online at <http://www.hrcengr.com/bid-info>, www.bidnetdirect.com/mitn and should be utilized during the preparation of bids and incorporated into the Bid Documents.

The Bidder shall acknowledge receipt of this Addendum No. 1 by signing in the location provided below and incorporating this Addendum No. 1 with the submission of his bid. Failure to include Addendum No. 1 and its attachments may result in rejection of the bid.

Respectfully submitted,
HUBBELL, ROTH & CLARK, INC.



Michael J. Donnellon, Jr.
Senior Project Engineer/Landscape Architect

Cc: All plan holders
Briley Township; L. Rogers, K. South, C. Gerhart
HRC; File, A. Melchior, A. Malczewski, N. Faught

Received and Acknowledged By:

Company: _____

Signature: _____

Printed Name: _____

Title: _____

Date: _____

ADDENDUM 1

BID FOR UNIT PRICE CONTRACTS

Place _____
Date _____
Project No. _____

Proposal of _____ (hereinafter called "Bidder") (a Michigan corporation/ a partnership/ an individual doing business as in Michigan, to Briley Township (hereinafter called "Owner")

The Bidder, in compliance with your invitation for bids for REVITALIZING BRILEY TOWNSHIP PARK – SITE IMPROVEMENT PACKAGE, including the construction and installation of the following:

BID ITEM #1. PICKLEBALL COURTS

Installation of (2) regulation pickleball courts, including the necessary demolition, earthwork, drainage, 570 square yards of concrete/asphalt paving, perimeter fencing, acrylic coatings, netting, and site restoration.

BID ITEM #2. POURED-IN-PLACE RUBBERIZED PLAYGROUND SURFACING

Removal of approximately 3,620 square feet of existing fiber wood playground mulch and subgrade/base preparation for the installation of a poured-in-place rubberized playground surface around an existing park playground structure.

BID ITEM #3. NATIVE BIO-SWALE AND LANDSCAPE

All earthwork for the preparation of a bio-swale infiltration zone and approximately 300 square yard planting bed area, including the installation of native plant materials, for the purpose of infiltration of stormwater and improving water quality.

BID ITEM #4. RESTROOM/PAVILION RENOVATION

Interior/exterior renovation of a 1,964 square foot, 1970's constructed enclosed masonry park pavilion, including a small kitchen and (2) restrooms. Renovations include updates to the exterior building façade, conversion of (2) existing restrooms to (4) Americans with Disabilities Act (ADA) accessible and unisex(family-style) restrooms, warming kitchen improvements, all building electrical, mechanical, and plumbing improvements, according to applicable codes and regulations, and necessary site and parking improvements.

BID ITEM #5. OPEN-AIR PAVILION WEATHER PROTECTION

Fabrication and installation of outdoor fabric weather protection panels on an existing open-air pavilion, including the installation of new wooden panel support stringers to match existing pavilion structure.

BID ITEM #6. WATER BOTTLE FILL STATION AND PARK BENCHES

Installation of (1) ADA compliant, outdoor water bottle fill station and drinking fountain, including all necessary plumbing and foundational support as specified according to manufacturer recommendations.

The Bidder, having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the contract documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents of which this proposal is a part.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in written Notice to Proceed of the Owner and to be substantially complete by June 27, 2025 as stipulated in the specifications. Bidder

further agrees to pay as liquidated damages the sum of \$500 for each consecutive calendar day thereafter as hereinafter provided in Paragraph 19 of the General Conditions.

Bidder acknowledges receipt of the following addendum:

Addendum #1 – Dated _____ Initials _____

Addendum #2 – Dated _____ Initials _____

Addendum #3 – Dated _____ Initials _____

Addendum #1 – Dated _____ Initials _____

BASE PROPOSAL:

Bidder agrees to perform all the construction of Items listed below, as described in the specifications, and shown on the plans for the following unit prices:

BID ITEM #1 - PICKLEBALL COURTS

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)	TOTAL UNIT COSTS (Dollars)
1	1	General Conditions, Overhead & Profit, Permits	LS	\$ _____	_____ /100	\$ _____
2	1	Tree, Rem, 19 inch to 36 inch	EA	\$ _____	_____ /100	\$ _____
3	97	Fence, Rem	LFT	\$ _____	_____ /100	\$ _____
4	21	Sidewalk, Rem	SYD	\$ _____	_____ /100	\$ _____
5	17	Boulder, Remove & Replace	EA	\$ _____	_____ /100	\$ _____
6	1	Grading & Earthwork	LS	\$ _____	_____ /100	\$ _____
7	150	Erosion Control, Silt Fence	LFT	\$ _____	_____ /100	\$ _____
8	414	Aggregate Base, 6 Inch, 21AA Limestone	SYD	\$ _____	_____ /100	\$ _____
9	414	HMA, Court	SYD	\$ _____	_____ /100	\$ _____
10	20	Granular Material, CL II	CYD	\$ _____	_____ /100	\$ _____
11	1402	Sidewalk, Conc, 4 inch	SFT	\$ _____	_____ /100	\$ _____
12	1	Fence, Vinyl Coated, Chain Link	LS	\$ _____	_____ /100	\$ _____
13	1	Pickle Ball Court Painting	LS	\$ _____	_____ /100	\$ _____
14	1	Pickle Ball Nets	LS	\$ _____	_____ /100	\$ _____
15	1	Minor Traf Devices	LS	\$ _____	_____ /100	\$ _____
16	1359	Turf Restoration Seed & Straw, Inc. 2-inch Topsoil	SYD	\$ _____	_____ /100	\$ _____
17	___	Observation Crew Days	DAYS	\$1,200.00	_____ /100	\$ _____
SUBTOTAL					_____ /100	\$ _____

BID ITEM # 2 - NATIVE SWALE & LANDSCAPE

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)	TOTAL UNIT COSTS (Dollars)
18	1	General Conditions, Overhead & Profit, Permits	LS	\$ _____	_____ /100	\$ _____
19	67	Infiltration Zone Soil Mixture	SYD	\$ _____	_____ /100	\$ _____
20	294	Planting Bed Soil Mixture	SYD	\$ _____	_____ /100	\$ _____
21	3	Amelanchier arboria (Serviceberry)	EA	\$ _____	_____ /100	\$ _____
22	8	Viburnum lentago (Nannyberry)	EA	\$ _____	_____ /100	\$ _____
23	13	Cornus Stolonifera (Red-Osier Dogwood)	EA	\$ _____	_____ /100	\$ _____
24	8	Salvia 'Marcus' Salvia	FLATS	\$ _____	_____ /100	\$ _____
25	165	Schizachyrium scoparius (Little Bluestem)	EA	\$ _____	_____ /100	\$ _____
26	201	Achillea millefolium 'Moonshine' (Yarrow)	EA	\$ _____	_____ /100	\$ _____
27	191	Aquilegia canadensis (Wild Columbine)	EA	\$ _____	_____ /100	\$ _____
28	111	Panicum virgatum (Switch Grass)	EA	\$ _____	_____ /100	\$ _____
29	54	Symphotrichum laeve (Smooth Aster)	EA	\$ _____	_____ /100	\$ _____
30	66	Rudbeckia hirta (Black-eyed Susans)	EA	\$ _____	_____ /100	\$ _____
SUBTOTAL					_____ /100	\$ _____

BID ITEM #3 - POURED-IN-PLACE RUBBERIZED PLAYGROUND SURFACING

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)	TOTAL UNIT COSTS (Dollars)
31	1	General Conditions, Overhead & Profit, Permits	LS	\$ _____	_____ /100	\$ _____
32	403	Fibar Wood Mulch, Rem	SYD	\$ _____	_____ /100	\$ _____
33	403	Aggregate Base, 4 Inch, 21AA Limestone	SYD	\$ _____	_____ /100	\$ _____
34	173	Underdrain, Subgrade, 6 inch	LFT	\$ _____	_____ /100	\$ _____
35	1	Underdrain, Outlet Ending, 6 inch	EA	\$ _____	_____ /100	\$ _____
36	3620	Rubberized Surfacing, Poured-in-Place	SFT	\$ _____	_____ /100	\$ _____
SUBTOTAL					_____ /100	\$ _____

BID ITEM #4 - RESTROOM/PAVILION RENOVATION

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)		TOTAL UNIT COSTS (Dollars)
37	1	General Conditions, Overhead & Profit, Permits	LS	\$ _____	_____	/100	\$ _____
38	1	Demolition	LS	\$ _____	_____	/100	\$ _____
39	1	Site Restoration (Paving, striping and parking blocks)	LS	\$ _____	_____	/100	\$ _____
40	1	Exterior Stone, Siding & Trim	LS	\$ _____	_____	/100	\$ _____
41	250	Masonry Repointing	LF	\$ _____	_____	/100	\$ _____
42	20	CMU Crack Repairs	LF	\$ _____	_____	/100	\$ _____
43	20	Damaged Brick Replacement	EA	\$ _____	_____	/100	\$ _____
44	1	Doors & Windows	LS	\$ _____	_____	/100	\$ _____
45	1	Masonry	LS	\$ _____	_____	/100	\$ _____
46	1	Interior Concrete	LS	\$ _____	_____	/100	\$ _____
47	1	Millwork & Toilet Accessories	LS	\$ _____	_____	/100	\$ _____
48	1	Flooring & Paint	LS	\$ _____	_____	/100	\$ _____
47	1	Electrical	LS	\$ _____	_____	/100	\$ _____
48	1	Mechanical	LS	\$ _____	_____	/100	\$ _____
49	1	Plumbing	LS	\$ _____	_____	/100	\$ _____
SUBTOTAL						_____ /100	\$ _____

BID ITEM #5 - OPEN-AIR PAVILION WEATHER PROTECTION

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)		TOTAL UNIT COSTS (Dollars)
50	1	General Conditions, Overhead & Profit, Permits	LS	\$ _____	_____	/100	\$ _____
51	1	Carpentry	LS	\$ _____	_____	/100	\$ _____
52	1	Fabric Panel Manufacturing & Installation	LS	\$ _____	_____	/100	\$ _____
SUBTOTAL						_____ /100	\$ _____

BID ITEM #6 - WATER BOTTLE FILL STATION AND PARK BENCHES

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)		TOTAL UNIT COSTS (Dollars)
53	1	General Conditions, Overhead & Profit, Permits	LS	\$ _____	_____	/100	\$ _____
54	1	Water Bottle Fill Station Site Preparation & Restoration	LS	\$ _____	_____	/100	\$ _____
55	1	Water Bottle Fill Station, Equip.	LS	\$ _____	_____	/100	\$ _____
56	1	Water Bottle Fill Station, Plumbing	LS	\$ _____	_____	/100	\$ _____
57	2	Park Benches	EA	\$ _____	_____	/100	\$ _____
SUBTOTAL						_____ /100	\$ _____

ALTERNATE BID ITEM - STAINED EXPOSED WOOD ROOF STRUCTURE & DECKING

ITEM #	QTY	DESCRIPTION	UNIT	UNIT COST (Dollars)	TOTAL UNIT COSTS (Written)		TOTAL UNIT COSTS (Dollars)
58	1	In lieu of painting exposed wood roof structure & decking in Bid Item #4, Unit #46, provide stained finish at all exposed wood structure & decking.	LS	\$ _____	_____	/100	\$ _____

DIVISION SUMMARY

BID ITEM #1 - PICKLEBALL COURTS	_____	/100	\$ _____
BID ITEM #2 - NATIVE SWALE & LANDSCAPE	_____	/100	\$ _____
BID ITEM #3 - RUBBERIZED PLAYGROUND SURFACING (PIP)	_____	/100	\$ _____
BID ITEM #4 - RESTROOM/PAVILION RENOVATION	_____	/100	\$ _____
BID ITEM #5 - OPEN-AIR PAVILION WEATHER PROTECTION	_____	/100	\$ _____
BID ITEM #6 - WATER BOTTLE FILL STATION AND PARK BENCHES	_____	/100	\$ _____
TOTAL	_____	/100	\$ _____

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern.)

The above unit prices shall include all labor, materials, bailing, shoring, removal, mobilization, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

Bidder understands that the Owner reserves the right to reject any or all bids, accept any or all unit divisions, and to waive any informalities in the bidding.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of thirty (30) calendar days after the scheduled closing time for receiving bids.

Upon receipt of written notice of the acceptance of this bid, Bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required by Paragraph 15b of the Instruction to Bidders. The bid security attached in the sum of _____ (\$_____) is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner caused thereby.

Respectfully submitted:

By: _____
(Title)

(SEAL — if bid is by a corporation)

(Business Address and Zip Code)

ADDENDUM 1

SECTION 01421

OBSERVATION CREW DAYS

PART 1 GENERAL

1.1 General Requirements

- A. Included as a bid item is the Contractor's statement of the number of "Crew Days" in which he undertakes to complete the work.
- B. The cost per "Crew Day" is included in the comparative evaluation of bids, and the number of "Crew Days" for which the Owner will have to provide engineering supervision and observation including inspection of cleanup operations is a consideration of the contract.
- C. In addition, the Contractor will be charged observation time for the handling of complaints which are received on the job.
- D. Any provision of this contract for liquidated damages on account of failure to complete the work by a stated date or in a stated number of days shall be independent of and in addition to the provisions of this Section.
- E. If the Contractor completes the work using fewer "Crew Days" than the number stated in his Proposal, his final payment shall include, in addition to the balance due him for the pay items of work completed, the amount of the cost for each unused "Crew Day".
- F. If the work under the contract is incomplete when the Contractor has expended the number of "Crew Days" stated in his Proposal, subsequent payments to the Contractor shall include a deduction item in the amount of the cost for each excess "crew day" used during the period covered by payment.

1.2 Definitions

- A. A "Crew" as herein used shall be any Contractor's working force including cleanup crew which under normal practice requires the presence of an observer to assure the Owner that the quality of work and the operations of the Contractor conform to the requirements of the plans and specifications.
- B. Any force whose work can be satisfactorily followed by construction observation, otherwise on the project will not be counted an additional "Crew".
- C. In the event of question, whether any working force should be considered a separate "Crew" requiring the presence of construction observation, the Engineer's determination shall be final.
- D. To account for crews working other than 8 hours on a regular work day, the following equivalents shall apply to cover fractional days and overtime:
 - 1. Through 4 hours 1/2 Crew Day

- 2. Over 4 hours through 6 hours 3/4 Crew Day
 - 3. Over 6 hours through 8 hours 1 Crew Day
 - 4. Over 8 hours 3/8 Crew Day for each two hours or part thereof
 - 5. Saturdays
 - a. Through 4 hours 3/4 Crew Day
 - b. Over 4 hours 3/8 Crew Day for each two hours or part thereof
- E. If the quantity of work under the contract shall vary from that stated in the Proposal, the number of "Crew Days" allowed under this item shall be adjusted, up or down, in proportion to the change in the total value of work under the contract.
- F. The Contractor shall notify the Engineer at least 24 hours in advance of changes in his work force or operations which will increase or decrease the number of construction observers required on the project.

PART 2 PRODUCTS

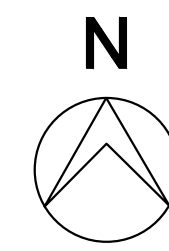
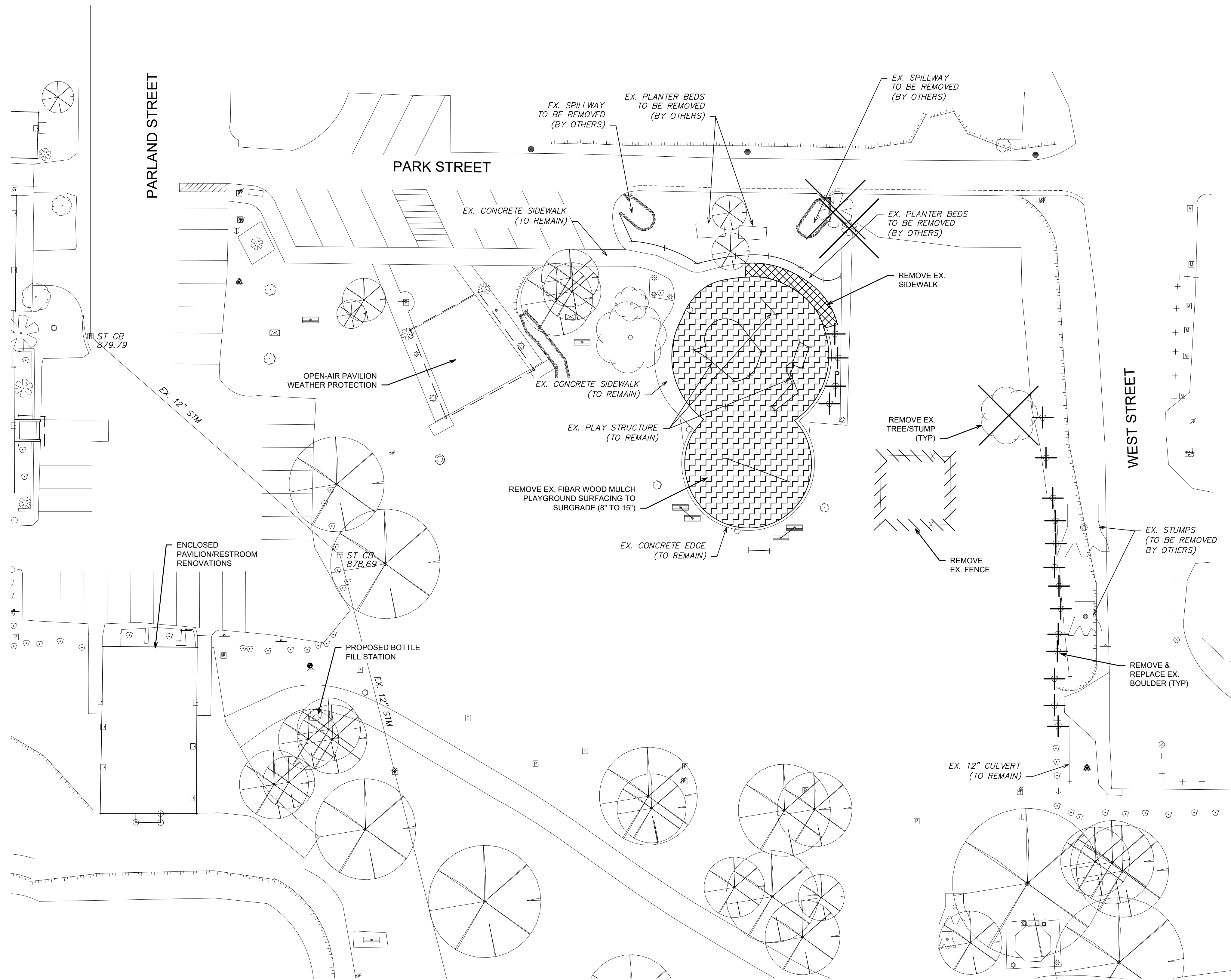
Not Used

PART 3 EXECUTION

Not Used

END OF SECTION

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QUANTITIES - THIS SHEET		
Item Description	Qty	Unit
Tree, Rem, 19 inch to 36 inch	1	Ea
Fence, Rem	97	Ft
Sidewalk, Rem	21	Syd
Boulder, Remove & Replace	17	Ea
Fibar Wood Mulch, Rem	403	Syd

LEGEND

- Sidewalk, Rem
- Fibar Wood Mulch, Rem
- Fence, Rem
- Tree, Rem
- Boulder, Remove & Replace

REMOVAL NOTES:

- CONTRACTOR TO REMOVE ALL EXISTING WOOD FIBER PLAYGROUND MULCH TO EXISTING SUBGRADE. TO BE PAID FOR AS: Fibar Wood Mulch, Rem - Syd
- EXISTING BOULDERS ARE TO BE REMOVED AND REPLACED AS APPROVED BY THE ENGINEER. LOCATION OF BOULDER STORAGE DURING CONSTRUCTION TO BE REVIEWED AND APPROVED BY THE OWNER. TO BE PAID FOR AS: Boulder, Remove & Replace - Ea.
- EXISTING FENCE SHALL BE REMOVED AND NOT REPLACED. TO BE PAID FOR AS: Fence, Rem - Ft.
- ANY ITEMS INTENDED TO REMAIN, THAT ARE DAMAGED BY THE CONTRACTOR, ARE TO BE REPLACED IN KIND, AT THE EXPENSE OF THE CONTRACTOR.

CONSTRUCTION NOTES:

- CONTRACTOR TO MAINTAIN ACCESS TO ALL OTHER AMENITIES WITH IN THE PARK DURING CONSTRUCTION. TO BE PAID FOR UNDER THE CONTRACT ITEMS OF: Minor Traf Devices - LSUM AND Traf Regulatory Control - LSUM.
- CONTRACTOR MAY UTILIZE 1/2 OF THE PARKING LOT FOR HIS OPERATIONS. THE REMAINDER OF THE PARKING LOT SHALL REMAIN AVAILABLE FOR PUBLIC USE, TO BE PAID FOR UNDER THE CONTRACT ITEMS OF: Minor Traf Devices - LSUM AND Traf Regulatory Control - LSUM. ANY DAMAGE TO THE PARKING LOT BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROTECT THE EXISTING SIDEWALK FROM ALL CONSTRUCTION ACTIVITIES. ANY DAMAGE INCURRED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

NOTICE:

ALL EXISTING UTILITIES SHOWN ON THIS TOPOGRAPHIC SURVEY HAVE BEEN TAKEN FROM VISUAL OBSERVATION AND RECORD MAPPING WHERE AVAILABLE. NO GUARANTEE IS MADE, OR SHOULD BE ASSUMED, AS TO THE COMPLETENESS OR ACCURACY OF THE UTILITIES SHOWN ON THIS DRAWING. PARTIES UTILIZING THIS INFORMATION SHALL FIELD VERIFY



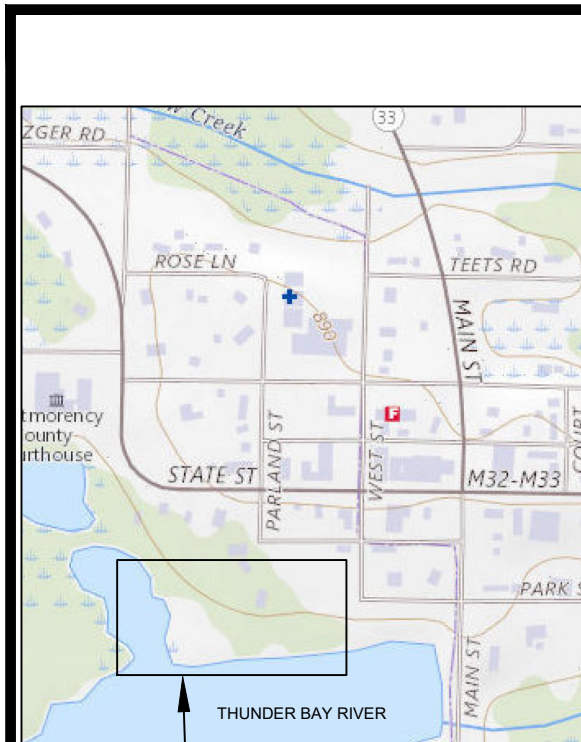
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(3 WORKING DAYS)
BEFORE YOU DIG
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or 811
(TOLL FREE)



HRC
HUBBELL, ROTH & CLARK, INC
CONSULTING ENGINEERS SINCE 1915
555 HULET DRIVE BLOOMFIELD HILLS, MICH. P.O. BOX 824 48303 - 0824
PHONE: (248) 454-6300
FAX (1st Floor): (248) 454-6312
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WEB SITE: www.hrcengr.com

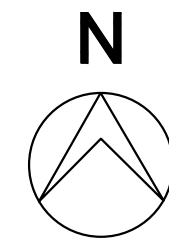
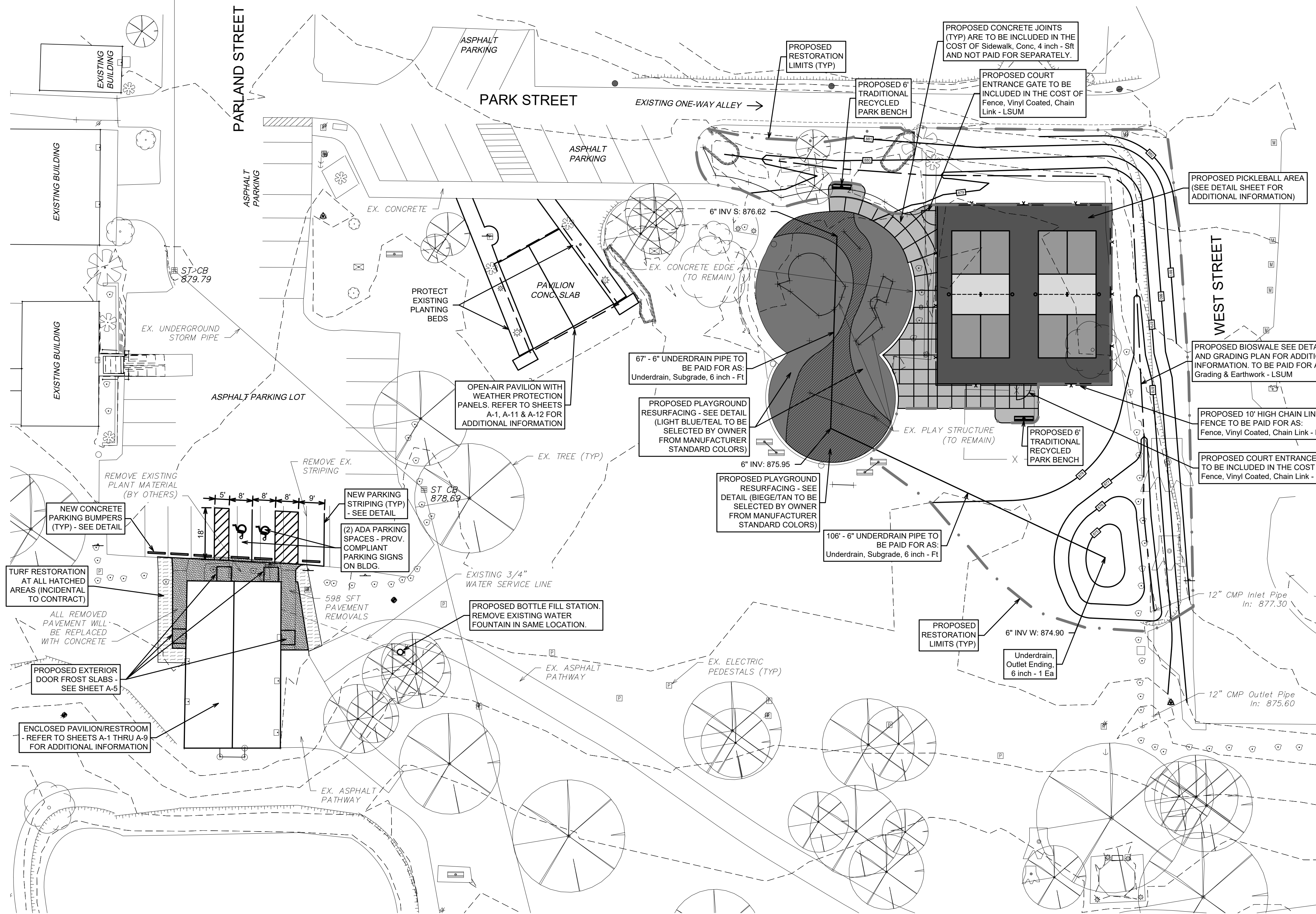
DATE	ADDITIONS AND/OR REVISIONS
12/9/2024	REBID ADDENDUM 1
11-21-2024	ISSUED FOR REBIDDING
10-29-2024	OWNER REVIEW
08-27-2024	ADDENDUM 1
07-18-2024	ISSUED FOR CONSTRUCTION
06-27-2024	ISSUED FOR BID
05-28-2024	90% OWNER REVIEW
03-13-2024	OWNER REVIEW
03-07-2024	PRELIM. OWNER REVIEW
DESIGNED	TJP
DRAWN	TJP
CHECKED	MJD
APPROVED	MPD



PROJECT AREA

BRILEY TOWNSHIP
ATLANTA, MONTMORENCY CO., MI
REVITALIZE BRILEY TOWNSHIP PARK SITE AND ARCHITECTURE PACKAGE
MEDC- CDBG GRANT

REMOVAL PLAN	
HRC JOB NO. 20221066	SCALE 1" = 20'
DATE June 2024	SHEET NO. C-4



QUANTITIES - THIS SHEET		
Item Description	Qty	Unit
Grading & Earthwork	1	LSUM
Erosion Control, Silt Fence	150	Ft
Aggregate Base, 6 inch, 21AA, Limestone	414	Syd
HMA Court	414	Syd
Granular Material, CL II	20	Cyd
Sidewalk, Conc, 4 inch	1402	Sft
Fence, Vinyl Coated, Chain Link	1	LSUM
Pickle Ball Court Painting	1	LSUM
Pickle Ball Nets	1	LSUM
Aggregate Base, 4 inch, 21AA, Limestone	403	Syd
Underdrain, Subgrade, 6 inch	173	Ft
Underdrain, Outlet Ending, 6 inch	1	Ea
Rubberized Surfacing, Poured-in-Place	3620	Sft
Turf Restoration Seed & Straw, Inc. 2-inch Topsoil	1359	Syd

CONSTRUCTION NOTES:

- CONTRACTOR TO MAINTAIN ACCESS TO ALL OTHER AMENITIES WITH IN THE PARK DURING CONSTRUCTION. TO BE PAID FOR UNDER THE CONTRACT ITEM OF: Minor Traf Devices - LSUM.
- CONTRACTOR MAY UTILIZE 1/2 OF THE PARKING LOT FOR HIS OPERATIONS. THE REMAINDER OF THE PARKING LOT SHALL REMAIN AVAILABLE FOR PUBLIC USE, TO BE PAID FOR UNDER THE CONTRACT ITEM OF: Minor Traf Devices - LSUM. ANY DAMAGE TO THE PARKING LOT BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR WITH 4 INCH THICK HMA AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROTECT THE EXISTING SIDEWALK FROM ALL CONSTRUCTION ACTIVITIES. ANY DAMAGE INCURRED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

POURED-IN-PLACE SURFACING NOTES:

- MAINTAIN AND PROTECT ALL EXISTING AND PROPOSED PAVEMENTS, PLAYGROUND STRUCTURES AND FOUNDATIONS FROM DAMAGE.
- ALL PLAYGROUND POLE STRUCTURES SHALL BE PROTECTED BY APPLYING A TEMPORARY PROTECTIVE WRAP TO A HEIGHT OF 3' ABOVE PROPOSED SURFACING GRADE. PRIOR TO REMOVAL OF MULCH.
- COLORS & LOCATIONS SHOWN ARE FOR BIDDING PROPOSES AND ARE SUBJECT TO FIELD REVIEW AND ADJUSTMENTS
- SUBGRADE TO BE SLOPED TO THE UNDERDRAIN LOCATION.
- ALL WORK AND MATERIALS ASSOCIATED WITH PLAYGROUND RESURFACING IS TO BE PAID FOR AS: Rubberized Surfacing, Poured-in-Place - Sft AND Aggregate Base, 4 inch, 21AA Limestone - Syd. SEE DETAIL SHEET FOR ADDITIONAL INFORMATION.

BENCH CONSTRUCTION NOTES:

- CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND COORDINATING THE INSTALLATION OF THE PARK BENCHES WITH THE SITE IMPROVEMENT CONTRACTOR.
- PARK BENCH MANUFACTURED BY BELSON OUTDOORS, MODEL #PL6-P TO MATCH OTHER EXISTING PARK BENCHES.
- MUST HAVE PREDRILLED MOUNTING HOLES FOR THE ABILITY TO SURFACE MOUNT BENCH AND PADS TO PROTECT THE FLOORING.
- PARK BENCH TO MOUNTED TO CONCRETE PAD WITH STAINLESS STEEL CONCRETE MOUNTING LAG BOLTS.

LEGEND

- PROPOSED HMA
- PROPOSED CONCRETE
- PROPOSED PLAYGROUND RESURFACE (LIGHT BLUE/TEAL)
- PROPOSED PLAYGROUND RESURFACE (BIEGE/TAN)
- PROPOSED NATIVE PLANTINGS
- PROPOSED BIOSWALE

NOTICE:
 ALL EXISTING UTILITIES SHOWN ON THIS TOPOGRAPHIC SURVEY HAVE BEEN TAKEN FROM VISUAL OBSERVATION AND RECORD MAPPING WHERE AVAILABLE. NO GUARANTEE IS MADE, OR SHOULD BE ASSUMED, AS TO THE COMPLETENESS OR ACCURACY OF THE UTILITIES SHOWN ON THIS DRAWING. PARTIES UTILIZING THIS INFORMATION SHALL FIELD VERIFY



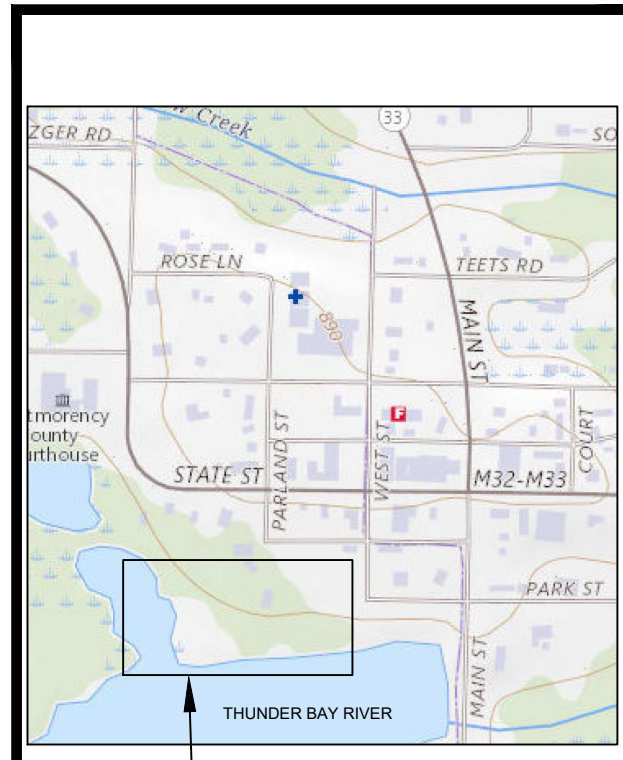
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 72 HOURS
 (3 WORKING DAYS)
 BEFORE YOU DIG
 1-800-482-7171
 or 811
 (TOLL FREE)



HRC
HUBBELL, ROTH & CLARK, INC
 CONSULTING ENGINEERS SINCE 1915
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 BLOOMFIELD HILLS, MICH. 48303 - 0824
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 FAX (1st Floor): (248) 454-6312
 FAX (2nd Floor): (248) 454-6359
 WEB SITE: www.hrcengr.com

DATE	ADDITIONS AND/OR REVISIONS
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03-07-2024	PRELIM. OWNER REVIEW

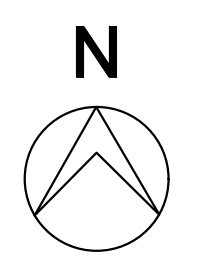
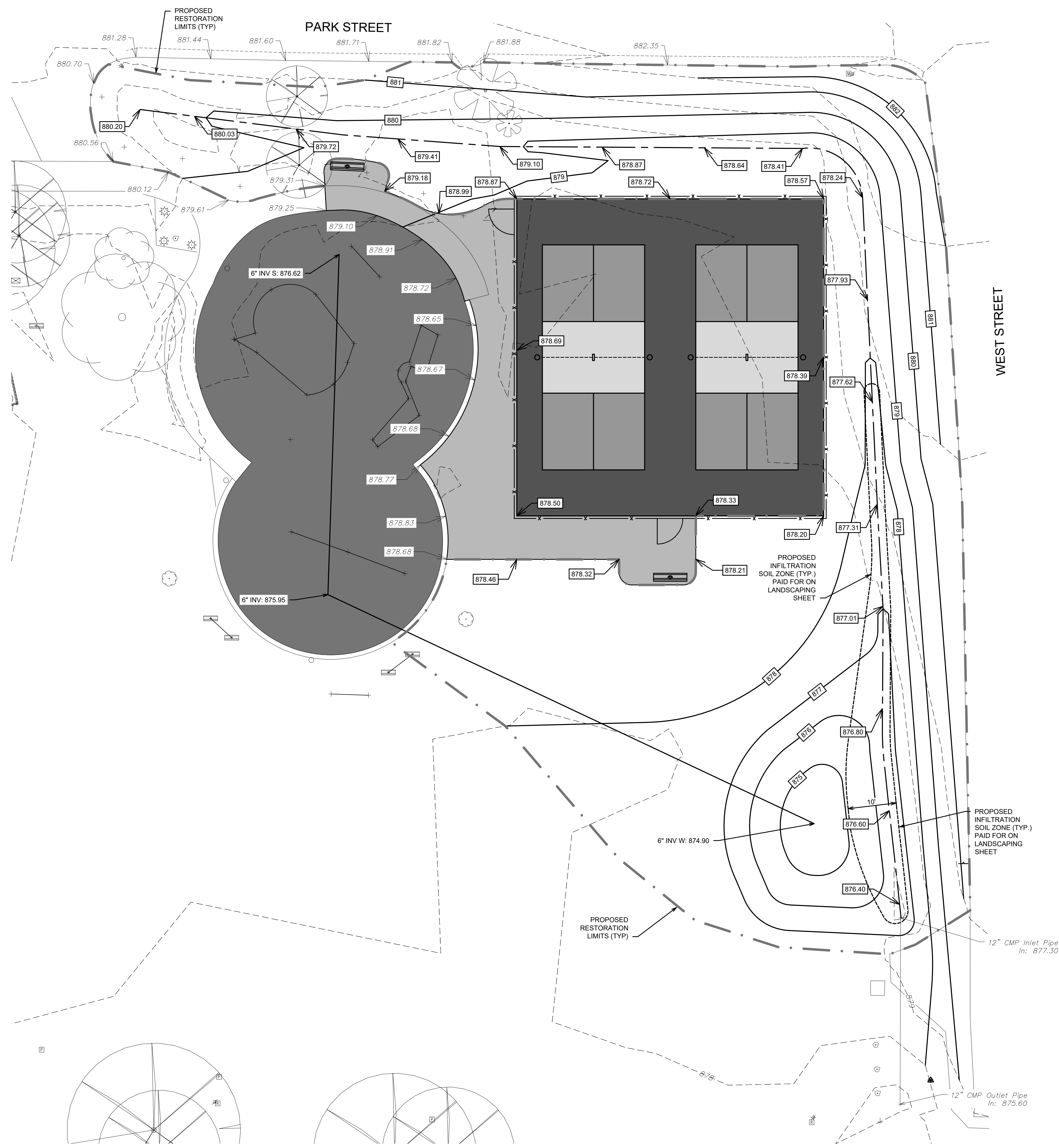
DATE	ADDITIONS AND/OR REVISIONS
DESIGNED	TJP
DRAWN	TJP
CHECKED	MJD
APPROVED	MPD



BRILEY TOWNSHIP
ATLANTA, MONTMORENCY CO., MI
REVITALIZE BRILEY TOWNSHIP PARK SITE AND ARCHITECTURE PACKAGE
MEDC- CDBG GRANT

SITE PLAN

HRC JOB NO. 20221066	SCALE 1" = 20'
DATE October 2024	SHEET NO. C-5



CONSTRUCTION NOTES:

- CONTRACTOR TO MAINTAIN ACCESS TO ALL OTHER AMENITIES WITH IN THE PARK DURING CONSTRUCTION. TO BE PAID FOR UNDER THE CONTRACT ITEM OF: Minor Traf Devices - LSUM.
- CONTRACTOR MAY UTILIZE 1/2 OF THE PARKING LOT FOR HIS OPERATIONS. THE REMAINDER OF THE PARKING LOT SHALL REMAIN AVAILABLE FOR PUBLIC USE. TO BE PAID FOR UNDER THE CONTRACT ITEM OF: Minor Traf Devices - LSUM. ANY DAMAGE TO THE PARKING LOT BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR WITH 4 INCH THICK HMA AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PROTECT THE EXISTING SIDEWALK FROM ALL CONSTRUCTION ACTIVITIES. ANY DAMAGE INCURRED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- ALL MATERIAL & WORK ASSOCIATED WITH GRADING THE PROPOSED SITE AS SHOWN ON THESE PLANS IS TO BE INCLUDED IN THE COST OF: Grading & Earthwork - LSUM.

LEGEND

- PROPOSED HMA
- PROPOSED CONCRETE
- PROPOSED PLAYGROUND RESURFACE
- PROPOSED BIOSWALE
- 785 EXISTING CONTOUR LINE
- 785 PROPOSED CONTOUR LINE
- XXX.XX EXISTING GRADES
- XXX.XX PROPOSED GRADES

NOTICE:
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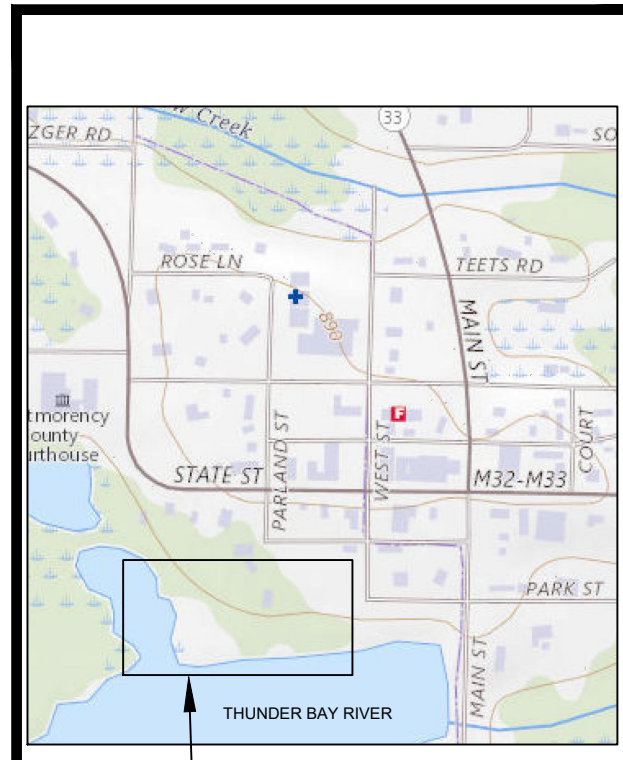
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PHONE: (248) 454-6300
FAX (1st. Floor): (248) 454-6312
FAX (2nd. Floor): (248) 454-6359
WEB SITE: www.hrcengr.com

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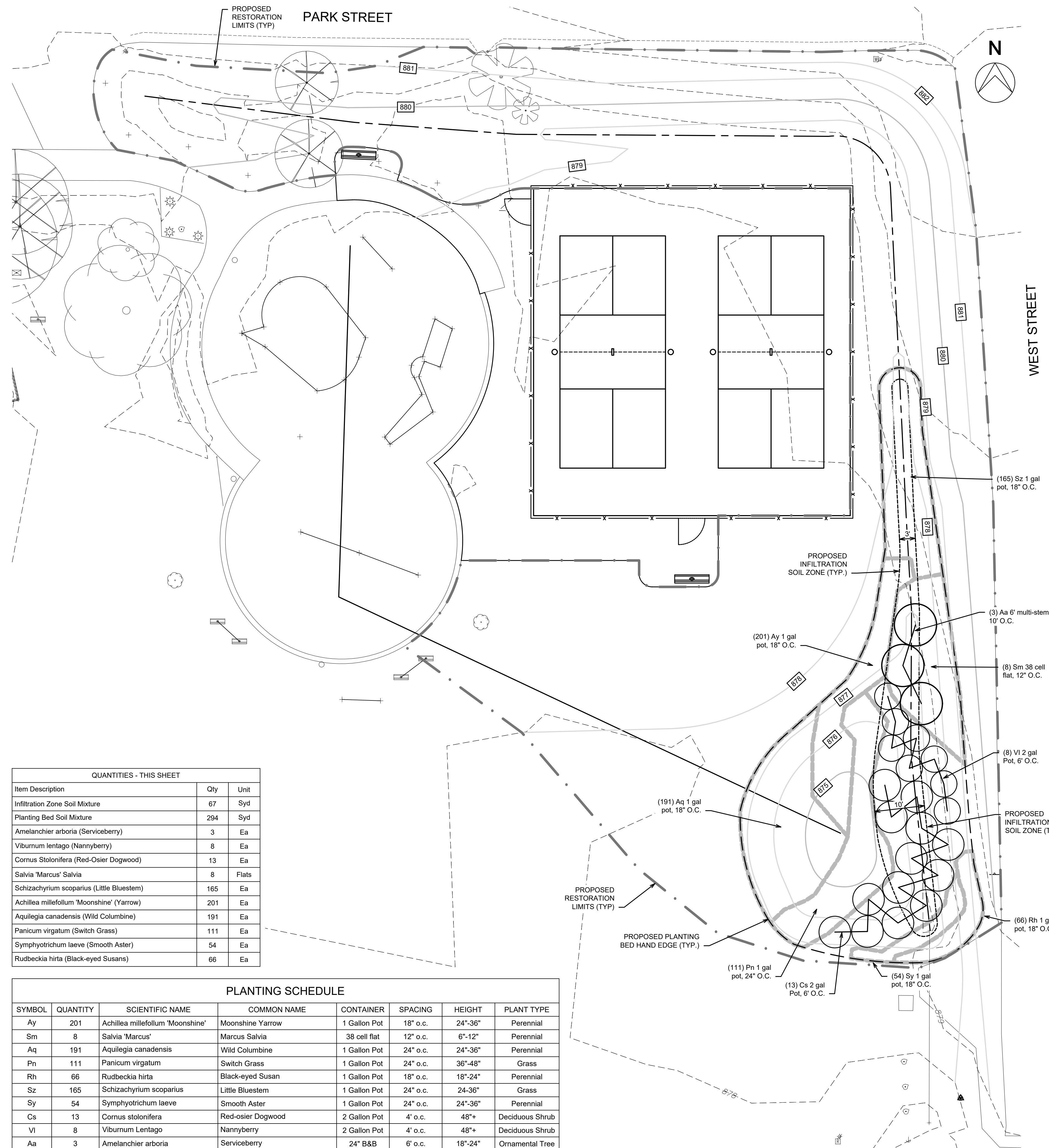


BRILEY TOWNSHIP
ATLANTA, MONTMORENCY CO., MI
REVITALIZE BRILEY TOWNSHIP PARK SITE AND ARCHITECTURE PACKAGE

MEDC- CDBG GRANT

GRADING PLAN

HRC JOB NO. 20221066	SCALE 1" = 10'
DATE June 2024	SHEET NO. C-6

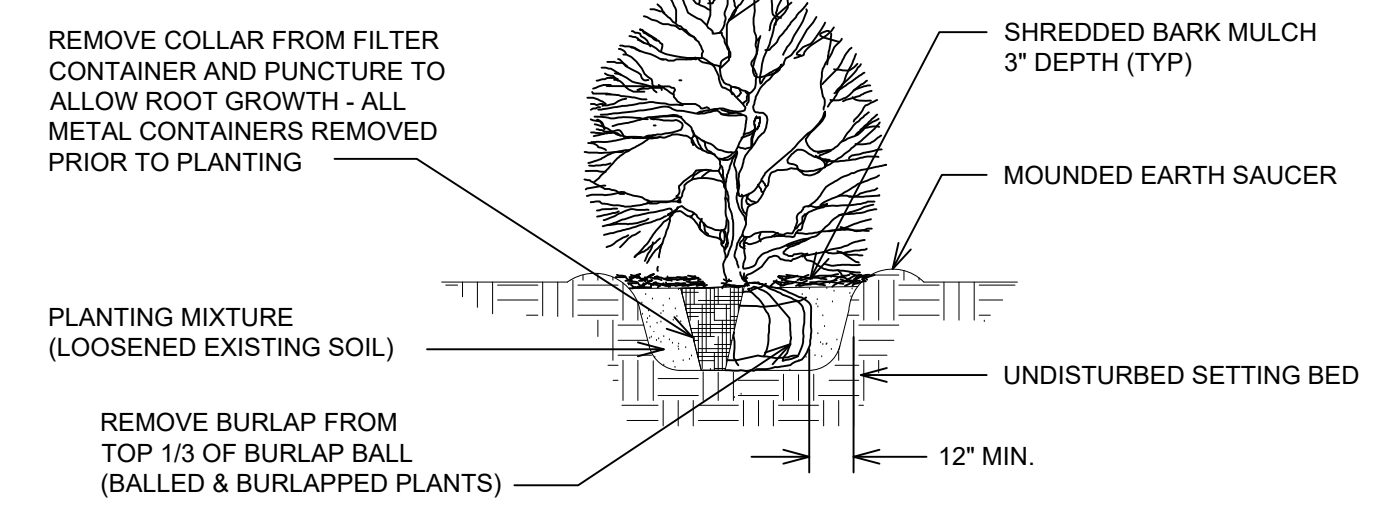


QUANTITIES - THIS SHEET

Item Description	Qty	Unit
Infiltration Zone Soil Mixture	67	Syd
Planting Bed Soil Mixture	294	Syd
Amelanchier arboria (Serviceberry)	3	Ea
Viburnum lentago (Nannyberry)	8	Ea
Cornus stolonifera (Red-Osier Dogwood)	13	Ea
Salvia 'Marcus' Salvia	8	Flats
Schizachyrium scoparius (Little Bluestem)	165	Ea
Achillea millefolium 'Moonshine' (Yarrow)	201	Ea
Aquilegia canadensis (Wild Columbine)	191	Ea
Panicum virgatum (Switch Grass)	111	Ea
Symphotrichum laeve (Smooth Aster)	54	Ea
Rudbeckia hirta (Black-eyed Susans)	66	Ea

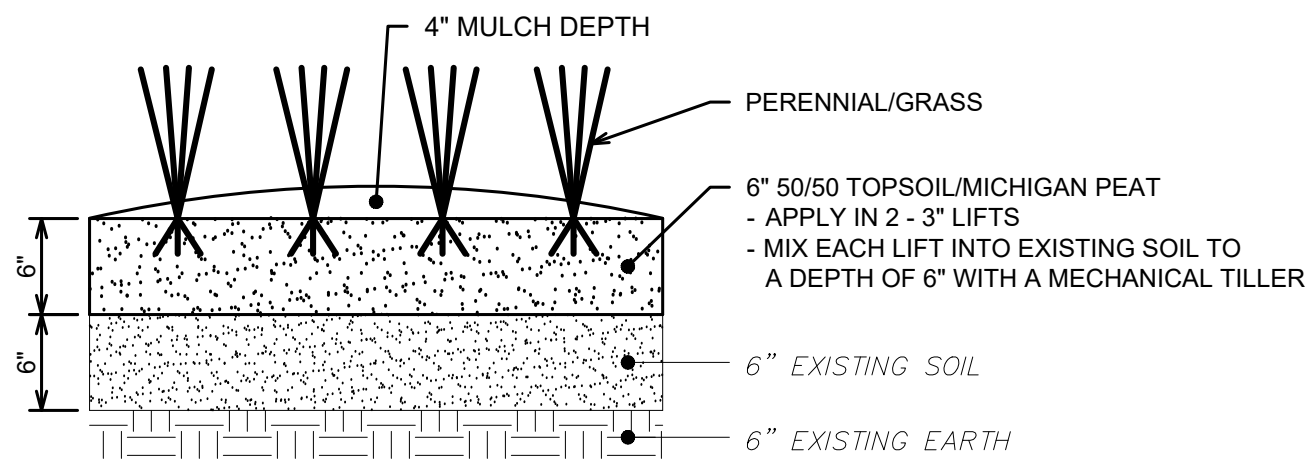
PLANTING SCHEDULE

SYMBOL	QUANTITY	SCIENTIFIC NAME	COMMON NAME	CONTAINER	SPACING	HEIGHT	PLANT TYPE
Ay	201	Achillea millefolium 'Moonshine'	Moonshine Yarrow	1 Gallon Pot	18" o.c.	24"-36"	Perennial
Sm	8	Salvia 'Marcus'	Marcus Salvia	38 cell flat	12" o.c.	6"-12"	Perennial
Aq	191	Aquilegia canadensis	Wild Columbine	1 Gallon Pot	24" o.c.	24"-36"	Perennial
Pn	111	Panicum virgatum	Switch Grass	1 Gallon Pot	24" o.c.	36"-48"	Grass
Rh	66	Rudbeckia hirta	Black-eyed Susan	1 Gallon Pot	18" o.c.	18"-24"	Perennial
Sz	165	Schizachyrium scoparius	Little Bluestem	1 Gallon Pot	24" o.c.	24"-36"	Grass
Sy	54	Symphotrichum laeve	Smooth Aster	1 Gallon Pot	24" o.c.	24"-36"	Perennial
Cs	13	Cornus stolonifera	Red-osier Dogwood	2 Gallon Pot	4" o.c.	48"+	Deciduous Shrub
Vi	8	Viburnum Lentago	Nannyberry	2 Gallon Pot	4" o.c.	48"+	Deciduous Shrub
Aa	3	Amelanchier arboria	Serviceberry	24" B&B	6' o.c.	18"-24"	Ornamental Tree

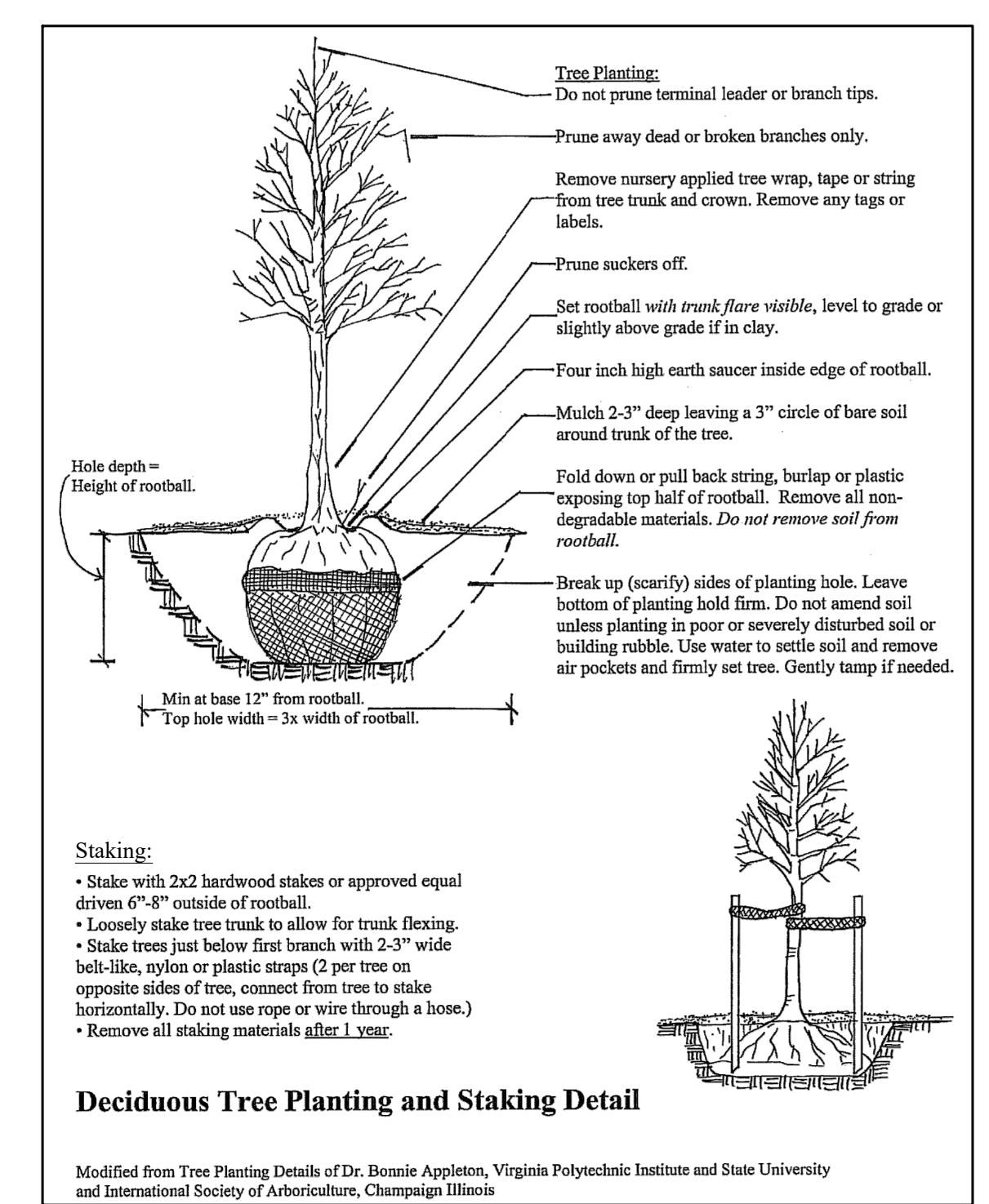


NOTE:
SHRUB SHALL BEAR SAME RELATION TO FRESH GRADE AS IT DID TO PREVIOUSLY EXISTING GRADE.

SHRUB PLANTING DETAIL
NOT TO SCALE

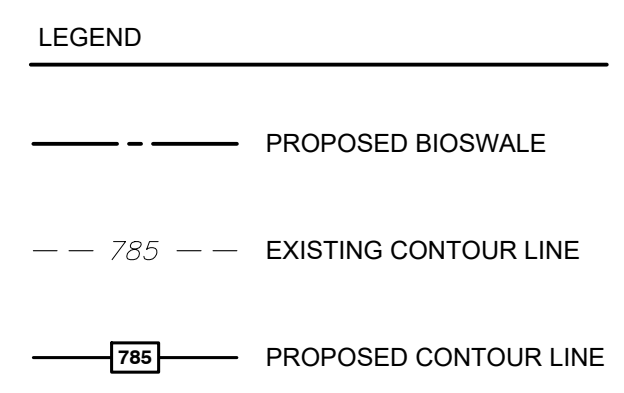


PLANTING BED PREP PERENNIAL DETAIL
NOT TO SCALE



LANDSCAPE GENERAL CONDITIONS:

- INSTALLATION OF PLANT MATERIAL SHALL TAKE PLACE BETWEEN APRIL 1ST AND NOVEMBER 15TH.
- ALL PLANT MATERIAL SHALL BE GUARANTEED AND MAINTAINED FOR A PERIOD OF (2) TWO SUCCEEDING SUMMER GROWING SEASONS OF JUNE, JULY AND AUGUST.
- ALL PLANT MATERIAL SHALL CONFORM TO THE "AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS" (LATEST EDITION) AND BE CERTIFIED BY THE STATE OF MICHIGAN DEPARTMENT OF AGRICULTURE TO BE DISEASE-FREE AND PEST-FREE.
- ALL PLANT MATERIAL SHALL BE PLACED AS SUCH, NOT TO INTERFERE WITH ANY ABOVE AND/OR BELOW GROUND UTILITIES.
- ALL TREES SHALL BE STAKED AND/OR GUYED WITH A MINIMUM OF TWO LINES USING NYLON OR PLASTIC STRAPS AND HARDWOOD STAKES, IN ACCORDANCE WITH RECOMMENDED NURSERY PRACTICES.
- ALL TREE STAKES, AND WRAP SHALL BE REMOVED AFTER ONE WINTER SEASON.
- ALL PLANTING AREA SHALL HAVE THE EXISTING SOIL REMOVED TO A DEPTH OF 6" - 8". A MIXTURE OF EQUAL PARTS TOPSOIL AND MICHIGAN BLACK PEAT SHALL BE FILLED INTO THE REMAINING EXISTING SOILS TO AN APPROXIMATE DEPTH OF 6" - 8" AND THE PLANTING BED FILLED WITH SAME SOIL MIXTURE TO EXISTING GRADE, SLOPING AWAY FROM EXISTING STRUCTURES OR BUILDINGS.
- ALL MULCH BEDS SHALL RECEIVE A MINIMUM OF 4" OF DOUBLE SHREDDED HARDWOOD BARK MULCH.
- TOPSOIL, FERTILIZER, SEED, MULCH, AND ANCHORING MULCH SHALL BE APPLIED, AS REQUIRED, ACCORDING TO THE REFERENCED MDOT SPECIFICATIONS. THIS SHALL INCLUDE THE UNIFORM APPLICATION OF THE FOLLOWING:
 - TURF AREA TOPSOIL - PROVIDE MINIMUM 4" DEPTH ON PREPARED AREAS. RAKE AND REMOVE FROM SITE: STONES LARGER THAN 2"; ROOTS, LITTER AND FOREIGN MATTER. IMPORTED TOPSOIL SHALL CONFORM TO ASTM 05268. TOPSOIL SHALL BE IN A FRIABLE CONDITION PRIOR TO PLACING SEED.
 - FERTILIZER - APPLY AT A MINIMUM 240 LBS./ACRE, EITHER 19-19-19, 25-5-15 OR 30-0-11.
 - SEED, APPLY AT 220# PER ACRE.
 - ROADSIDE SEEDING IN OTHER AREAS. THE MIXTURE IS:
 - 50% PERENNIAL RYEGRASS
 - 15% KENTUCKY BLUEGRASS
 - 35% CREEPING RED FESCUE



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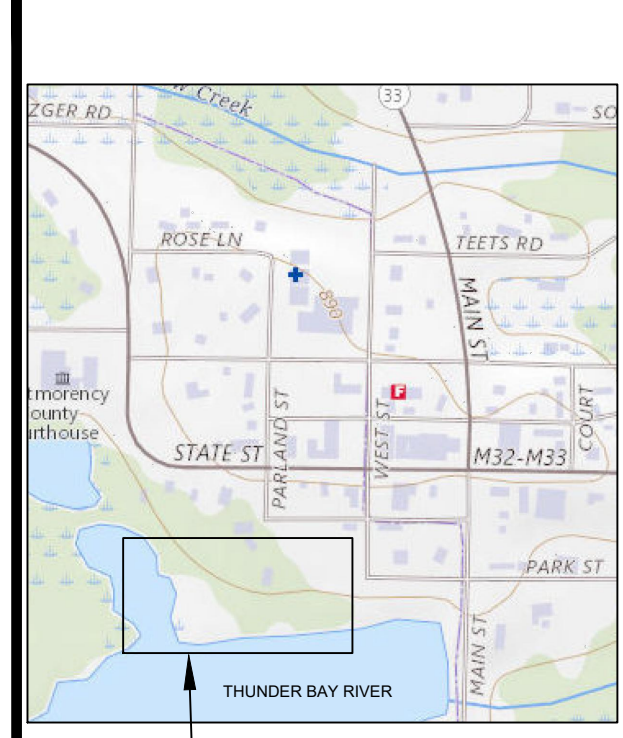
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LANDSCAPE PLAN

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DATE October 2024 SHEET NO. C-7