

**City of Oakbrook Terrace
17W275 Butterfield Road
Oakbrook Terrace, IL 60181**

REQUEST FOR PROPOSAL

Title: Oakbrook Terrace – Landscaping Project
Request for Proposal for Tree and Shrub Planting, Native Seeding, and
Riprap Installation

Proposal Due Date and Time: August 17, 2023 – 10:00 AM

Pre-Bid Meeting (Optional): August 9, 2023 - 10:00 AM

Meeting Location:

Kreml Park
1S563 MACARTHUR DR
OAKBROOK TERR IL 60181

City of Oakbrook Terrace – Spring Road Tributary

See attached plans for site location map.

Project Engineer:

Christopher B. Burke Engineering, Ltd. (CBBEL)
Project Manager: Jedd Anderson, Vice President
Phone – Cell: 847-343-7818
E-mail: jedd@cbbel.com

TABLE OF CONTENTS

<u>TITLE</u>	<u>PAGE</u>
<i>Information & Instructions for Bidders</i>	
Section 1 General Information for Bidders	3
Section 2 Submission of Bids	8
Section 3 Evaluation of Bids	11
 <i>Bid Part I - Bidder's Declaration</i>	 14
 <i>Bid Part II – Contract Acknowledgement</i>	 15
 <i>Appendices</i>	
Appendix A Bid Form	16
Appendix B Plans and Specifications	17

INFORMATION AND INSTRUCTIONS TO BIDDERS

Section 1

General Information to Bidders

Introduction:

Subject to the conditions set forth in this Request for Proposal, City of Oakbrook Terrace is requesting **sealed** Bids for the following project:

Bid Name: Request for Proposal – Drainage and Wetland Restoration

Bid Deadline: **August 17 - 10:00 AM**

Pre-Bid Meeting (Optional): **August 9, 2023 – 10:00 AM**

Pre Bid Meeting Location: **Meeting Location:
Kreml Park
1S563 MACARTHUR DR
OAKBROOK TERR IL 60181**

See attached plans for site location.

Submission of Bids to: Jedd Anderson
Christopher B. Burke Engineering, Ltd.
9575 W. Higgins Road, Suite 600
Rosemont, IL 60018
Phone: 847-823-0500
E-mail: jedd@cbbel.com

Owner's Representative: Craig Ward, Director of Public Services
Phone: 630-941-1651
Email: cward@oakbrookterrace.net

Bidders may submit their Bids by US Mail, E-Mail, messenger, Fed Ex, or UPS. Electronic response to questions via email are appreciated in addition to hard copy Bids. ***Faxed Bids will not be accepted.***

Please direct design and project questions to:

Project Manager:

Jedd Anderson, Vice President
Christopher B. Burke Engineering, Ltd. (CBBEL)

Phone – Cell: 847-343-7818
E-mail: jedd@cbbel.com

Project Description

The proposed project includes installation of the installation of 78 trees and 875 shrubs for a total of 953 woody plantings. The project includes installation of up to 1 acre of native seeding via, “Interseeding” as defined by the IDOT Standard Specification. Project also includes installation of 50 cubic yards of IDOT Class A RR 3 riprap at locations defined by the engineer or owner (Jedd Anderson or Craig Ward)

The attached Plans, prepared by Christopher B. Burke Engineering, Ltd. (CBBEL) provide detailed project information.

Bidders shall review the plans.

Completion Date

The Bidder/Contractor shall complete all installation, planting, seeding, final site cleanup, and withdraw from the site by November 3, 2023.

Definitions

Except as otherwise specifically provided, definitions are set forth as follows:

Request for Proposal (RFP) - Refers to the document named City of Oakbrook Terrace’s Request for Proposal for Drainage Repair and Wetland Restoration

Addenda — Refers to the written or graphic instruments issued by the City of Oakbrook Terrace. Representative prior to the Bid Deadline, which modifies or interprets the RFP by additions, deletions, clarifications, or corrections.

Bidder – Refers to the firm that is interested in and/or responds to the RFP.

Bid - Refers to all documents that the Bidder must submit to the City of Oakbrook Terrace. Representative prior to the Bid Deadline.

Bid Deadline - Refers to the time and date indicated in the RFP as the latest date and time that a Bid will be accepted.

Contract – Refers to the final agreement reached between the successful Bidder and City of Oakbrook Terrace.

Contractor - The term Contractor shall mean the successful Bidder awarded the Contract.

Subcontractor — The term Subcontractor shall mean any individual, company, or corporation to whom the Contractor assigns any part of the Contract.

Code of Conduct and Fair Competition

The Bidder shall notify City of Oakbrook Terrace Representatives in writing of any possible conflict of interest as set forth below. City of Oakbrook Terrace. will investigate the matter and determine if an actual conflict of interest exists.

A conflict of interest arises when a City of Oakbrook Terrace employee, officer or agent involved in the RFP process or Contract has a financial or any other interest in a Bidder. If a conflict of interest exists, the Bidder may not submit a Bid.

City of Oakbrook Terrace reserves the right to cancel the award if, in its sole discretion, it determines that any interest disclosed from any source could give the appearance of a conflict or cause speculation as to the objectivity of the program to be developed by the Bidder. City of Oakbrook Terrace’s determination regarding any questions of conflict of interest shall be final.

Compliance with Federal, State and Local Laws

Bidder warrants in submitting a Bid and in the performance of an award as a result of the Bid, that Bidder has complied with, or will comply with, all applicable federal, state, and local laws, ordinances and all lawful orders, rules and regulations hereunder. The Bidder, by submitting the Bid or performance that results from an award by City of Oakbrook Terrace, agrees not to discriminate against any employee or applicant based on an individual's race, color, religion, religious creed, ancestry, national origin, age (except minors), sex, sexual orientation, marital status, medical condition (cancer-related) and disability, and otherwise as required or permitted by law. Bidder further agrees that any sub-contract will contain a provision requiring non-discrimination in employment as specified above. Any breach of this provision may be regarded as material breach of contract and cause for cancellation.

Limitation of Liability

City of Oakbrook Terrace makes no representations, warranties, or guarantees that the information contained herein is accurate, complete, timely, or that such information accurately represents the conditions that would be encountered in pursuing the work or at the site(s) of

work now or in the future. The furnishing of such information by City of Oakbrook Terrace shall not create or be deemed to create any obligation or liability upon it for any reason whatsoever and each Bidder, by submitting its Bid, expressly agrees that it has not relied upon the foregoing information, and that it shall not hold City of Oakbrook Terrace liable or responsible therefore in any manner whatsoever. Accordingly, nothing contained herein and no representation, statement or promise, of City of Oakbrook Terrace, its directors, officers, agents, representatives, or employees, oral or in writing, shall impair or limit the effect of the warranties of the Bidder required by this Request for Bid and that it shall not hold City of Oakbrook Terrace liable or responsible therefore in any manner whatsoever.

Neither the Trustees of City of Oakbrook Terrace, nor any officer, agent, or employee thereof shall be charged personally with any liability by a Bidder or another or held liable to a Bidder or another under any term or provision of this RFP or any statements made herein or because of the submission or attempted submission of a response hereto or otherwise.

Bidders Information

1. It is the responsibility of all project bidders to review all bid documents to ascertain their effect on each bid.
2. It is the responsibility of all project bidders to carefully examine the project site and fully inform himself/herself with the limitations and conditions related to the work covered by his/her bid and shall include in his/her bid a sum to cover the cost of all such items. It is the purpose and intent of the contract documents that a fully complete job be accomplished. It is the responsibility of each bidder to include all costs necessary to provide all labor, materials and equipment for the portion of the work bid upon, including incidentals, whether or not specifically called for in the project plans and specifications. Each bidder by making his/her bid represents that he/she has read and understands the bid documents and represents that he/she has visited the site and has familiarized himself/herself with all the conditions under which the work is to be performed. Site access is the sole responsibility of the Contractor. Areas disturbed as part of access to any portion of the project should be properly stabilized and restored to existing conditions. This restoration should be considered incidental to the contract.
3. It is the responsibility of all bidders to contact all utility companies and public and/or private agencies to become familiar with the specific locations of all existing utilities and systems that will affect the work. The successful bidder shall protect all such systems and utilities, including all other improvements which may exist within or adjacent to the work area during the prosecution of the work. All existing improvements, utilities and systems that may be damaged during construction shall be repaired and/or replaced to a condition at least equal to that prior to such damage at no additional expense to the Board. All such companies shall be notified prior to commencement of the work in order that all such lines be located and identified by the affected companies.
4. All inquiries as to the documents, interpretations, substitutions, conflicts, discrepancies,

omissions, and questions shall be referred to the Engineer, representative of the Board, who in turn will refer same to the Board.

5. All bidders in doubt as to the true meaning of any part of the project documents shall submit to the Project Engineer, by March 19, 2021, a written request for interpretation and clarification.
6. Bidders are responsible for acquiring all issued addenda in time to incorporate them into their bid. Each bidder shall enumerate all addenda he/she has received in his/her bid.
7. Bidders/Contractors shall understand the requirements and obligations contained in the issued site development permits.
8. City of Oakbrook Terrace and Christopher B. Burke Engineering, Ltd. shall not be deemed to have any control over Contractor's operations or any activities on the jobsite and is in no way responsible for job site safety.

Qualifications of Bidder

Bidder must possess the ability to perform successfully under the terms and conditions set forth in the RFP. Consideration shall be given to such matters as Bidder integrity; record of past performance; and financial and technical resources.

The Project Engineer shall make such investigations, as deemed necessary, to determine the ability of a Bidder to provide the specified equipment and perform the services requested.

City of Oakbrook Terrace reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy City of Oakbrook Terrace that said Bidder is properly qualified to carry out the obligations of the Contract/project.

Section 2

Submission of Bids

Preparation of Bid

Bidders must fill out the attached **Bid Form** (Appendix A) to allow for an equivalency comparison of Bids received.

By submission of its Bid, the Bidder agrees that the Bid is predicated upon the acceptance of all the terms and conditions stated in the Request for Proposal, unless specifically excluded by the Bidder in its Bid. Part or all the RFP and the successful Bid may be incorporated into the Contract.

Bidders shall furnish the information and documents required by the RFP. Failure to submit all required information may deem a Bid as non-responsive. All costs associated with the Contract must be stated in US currency. By submitting a Bid, Bidder certifies that the prices proposed have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition as to any matter relating to such prices with any other Bidder or competitor. Bidders are cautioned to write all descriptions and prices clearly so there is no doubt as to the intent and scope of the Bid.

A person who is legally authorized to bind Bidder to a Contract shall sign the Bid. A Bid submitted by an agent shall have a current Power of Attorney attached, which evidences the agent's authority to bind Bidder. The person signing the Bid shall initial erasures or other changes.

Unnecessarily elaborate Bids beyond what is sufficient to present a complete and effective Bid are not desired and may be construed as an indication of the Bidder's lack of cost consciousness. Elaborate artwork, expensive paper and bindings are neither necessary nor desired. The cost incurred for the preparation of the Bid is the sole responsibility of the Bidder. City of Oakbrook Terrace does not assume any liability for any pre-contract activity and/or cost incurred by Bidders responding to this RFP.

Bid information is not considered confidential or proprietary. Trade secrets and other proprietary data contained in Bids may be held confidential if the Bidder requests, in writing, that City of Oakbrook Terrace does so, and if City of Oakbrook Terrace agrees, in writing, to do so. Material considered confidential by the Bidder must be clearly identified. Such confidential/proprietary information must be easily separable from the non-confidential sections of the Bid. Marking the entire Bid as proprietary will be neither accepted nor honored. Notwithstanding any of the foregoing, City of Oakbrook Terrace reserves the right to use any of the ideas presented in any reply, Bid, discussion, negotiations, or presentation related to the RFP.

If a Bidder intends to use subcontractor(s), the Bidder must identify in its Bid the names of the subcontractors and the portions of the work the subcontractors will perform.

Communications Regarding the RFP

Requests for clarification and interpretations of the RFP must be made in writing or email during the period of August 9, 2023 to August 17, 2021. All questions regarding the RFP shall be directed to the Project Engineer. Two types of questions generally arise. One may be answered by directing the questioner to a specific section of the RFP. Other questions may be more complex and may require a written amendment to the RFP. The Project Engineer will make that decision.

The Project Engineer shall make clarifications, interpretations, corrections, and changes to the RFP by written Addenda as specified below. **Questions will not be answered, and clarification will not be given after August 16, 2023 (3:00 pm).**

Addenda to RFP

Addenda to the RFP will be issued in writing and will be communicated to all Bidders by e-mail and shall become part of the RFP. If the RFP is amended, all terms and conditions that are not modified by the Addenda remain unchanged and in effect as written. If an addendum is issued after Bids have been received and/or after a short list has been developed, the addendum may be provided only to those who submitted Bids or only to those on the short list, in the sole discretion of the Project Engineer.

Each Bidder shall be responsible for making sure it has received all issued Addenda prior to submitting a Bid. **Addenda may be issued through August 15, 2023 3:00 pm.**

City of Oakbrook Terrace and the Project Engineer reserve the right to change the RFP schedule and to issue addenda. City of Oakbrook Terrace also reserves the right to cancel, reissue, or to make corrections or amendments to the RFP due to errors or changes identified by City of Oakbrook Terrace/Project Engineer or suggested by a Bidder, and to otherwise modify the terms of the RFP at any time in its sole discretion.

Submission of Bids

Bids are to be received in the designated office on or before the date and time specified as the Bid Deadline in the RFP. **Oral, telephone or telegraph, or facsimile Bids will not be considered.** If a Bid is sent by mail, Bidder assumes full responsibility in assuring that its Bid is received by the Bid Deadline.

Paper Copy Bids shall be submitted in a sealed envelope or package as follows:

- 1 Addressed to the address specified on the cover page of this RFP,
- 2 Show the Bid Name, **“Proposal for Drainage and Wetland Restoration”**
- 3 Give the Bidder’s name, primary contacts address, and

- 4 Show the date and time of the Bid Deadline as specified in this RFP.

E-mails Bids shall be submitted as a PDF Document to the Project Engineer (jedd@cbbel.com).

City of Oakbrook Terrace, or any City of Oakbrook Terrace proxies, representatives, officers, or employees, will not be held responsible for the pre-opening of, post-opening of, or the failure to open a Bid not properly addressed and identified.

Alternate or Substitute Bids

Bidders may submit more than one Bid. Alternate or substitute Bids must comply with the terms and conditions of the RFP and must contain all required documents as specified in the RFP.

City of Oakbrook Terrace is seeking Bids that meet its **minimum** requirements as outlined in the Scope of Work. If more than one method of meeting these requirements is proposed, each should be labeled primary, secondary, etc., submitted separately, and they will be evaluated in the specific priorities.

Late Submissions, Modifications, and Withdrawals of Bids

Late Bids: Bids received after the specified Bid Deadline will not be considered and paper copy submittals shall be returned to the Bidder unopened.

Bid Modifications: Prior to the Bid Deadline, a submitted Bid may be modified by written notice, signed by a duly authorized person on behalf of the Bidder, to the Project Engineer. The written notice shall be worded as not to reveal the amount of the original Bid.

Bid Modifications must contain all required documents as specified in the RFP. Failure to submit all required information can deem the Bid Modification as non-compliant and the contents of the Bid Modification will not be considered.

A previously submitted Bid will not be returned, unless written notice, signed by a duly authorized person, from the Bidding Company is received by the Project Engineer.

Bid Withdrawal Notifications: Prior to the Bid Deadline, a submitted Bid may be withdrawn by written notice to the Project Engineer up until the Bid Deadline. Written requests to withdraw must be signed by a duly authorized person on behalf of the Bidder and shall not reveal the amount of the Bid. Bids may not be modified or withdrawn after the Bid Deadline.

A withdrawn Bid may be resubmitted prior to the Bid Deadline. All resubmitted Bids must fully comply with the RFP. The Project Engineer will only consider the latest version of the Bid.

Section 3

Evaluation of Bids

Opening of Bids:

The assigned Project Engineer will not accept Bids after the specified date and time. Bid services and pricing will not be publicly announced. Bids will be reviewed and evaluated by the City of Oakbrook Terrace and Project Engineer. At any time, and from time to time after the opening of the Bids, City of Oakbrook Terrace or Project Engineer may give oral or written notice to one or more Bidders to furnish additional information relating to its Bid and/or qualifications to perform the services contained in the RFP, or to meet with designated representatives of City of Oakbrook Terrace. The giving of such notice shall not be construed as an acceptance of a Bidder's Bid.

All materials submitted in response to this RFP become the property of City of Oakbrook Terrace and the Project Engineer. Selection or rejection of a response does not affect this right. All copyright of materials produced under any contract or subcontract awarded because of this RFP shall be retained by City of Oakbrook Terrace. All forms of documents and data generated because of this contract are owned by and shall be delivered to City of Oakbrook Terrace at the direction of the City of Oakbrook Terrace Representative. During the period of performance, the information may not be disclosed by the Bidder to third parties, except as expressly provided in the Contract, without the written permission of the City of Oakbrook Terrace or Project Engineer.

Postponement of Bid Opening

If an emergency or unanticipated event (i.e. Pandemic) interrupts normal business processes to cause the postponement of the scheduled Bid opening or the issuance of an addenda, the Project Engineer will issue, in writing, to all Bidders, the new timeline and process.

Bid Evaluation and Selection Criteria

General Comments

City of Oakbrook Terrace requests proposals from qualified firms to provide at a minimum the following Services.

The proposed project includes installation of the installation of 78 trees and 875 shrubs for a total of 953 woody plantings. The project includes installation of up to 1 acre of native seeding via, "Interseeding" as defined by the IDOT Standard Specification. Project also includes installation of 50 cubic yards of IDOT Class A RR 3 riprap at locations defined by the engineer or owner (Jedd Anderson or Craig Ward).

The project is being implemented by the City of Oakbrook Terrace. Additional information on the project is provided throughout this permit submittal.

Evaluation Criteria

City of Oakbrook Terrace or the Project Engineer may use a variety of procedures and techniques in evaluating Bids and Bidders, including, but not limited to, creating a short list of Bidders, using upset levels, banding, comparative pairing, and price conversion techniques, requesting Best and Final Offers, conducting discussions, oral interviews and presentations, site visits, and negotiations, checking references, determining financial capability, and performing reevaluations of Bids as necessary. Through use of any procedure or technique, City of Oakbrook Terrace may limit the number of Bids to one or more that it will continue to consider. City of Oakbrook Terrace reserves the right to reject any Bid that does not meet prerequisites or minimum requirements or which scores below average on any of the criteria.

Selection

City of Oakbrook Terrace reserves the right to make an award without further discussion of the Bids submitted; there may be no best and final offer procedure. Interviews and negotiations may be conducted with one or more of the Bidders, but there shall be no obligation to receive further information from any Bidder. Therefore, each initial offer should contain the Bidder's best terms from a cost or price, service, and technical standpoint.

City of Oakbrook Terrace may consult references familiar with the Bidder regarding its prior operations and projects, financial resources, reputation, performance, or other matters. Submission of a Bid shall constitute permission for City of Oakbrook Terrace to make such inquiries, and authorization to third parties to respond thereto.

City of Oakbrook Terrace may elect to initiate contract negotiations with one or more Bidders including negotiation of costs/price(s) and any other issues or terms and conditions, including modifying any requirement in the RFP. The option of whether to initiate contract negotiations rests solely with City of Oakbrook Terrace. No Bidder shall have any rights against City of Oakbrook Terrace arising from such negotiations. The Bidders will be responsible for their travel and per diem expenses, required for any presentations, discussions, and/or negotiations.

City of Oakbrook Terrace reserves the right to award the Contract to a supplier other than the Bidder presenting the lowest price. The Contract resulting from this solicitation will be awarded to the Bidder(s) whose Bid(s) City of Oakbrook Terrace believes will be the most advantageous to City of Oakbrook Terrace. The release of the RFP does not compel City of Oakbrook Terrace to purchase or to make an award. City of Oakbrook Terrace shall not be obligated in any manner to any Bidder whatsoever until a written Contract has been duly executed relating to an approved Bid.

City of Oakbrook Terrace reserves the right to award multiple contracts for the products, work and/or services that are the subject matter of this Bid and Bidder(s) are hereby given notice that they may not be City of Oakbrook Terrace's only Contractor or Bidder for such products, work

and/or services.

As a result of the selection of a Bidder to supply products and/or services to City of Oakbrook Terrace. City of Oakbrook Terrace is neither endorsing nor suggesting that the Bidder's product or service is the best or only solution. The Bidder agrees to make no reference to City of Oakbrook Terrace in any literature, promotional material, brochures, sales presentation, or the like without the express written consent of City of Oakbrook Terrace.

The selected Bidder(s) will enter a Contract with City of Oakbrook Terrace which is substantially the same as the contract language included with this RFP. In no event is a Bidder to submit its own standard contract terms and conditions as a response to this RFP. If a Bidder objects to any of the provisions of City of Oakbrook Terrace's standard contract, it must identify in the Bid any clauses which are unacceptable and the reasons or problems and propose alternatives. The foregoing should not be interpreted to prohibit either party from proposing additional contract terms and conditions during negotiation of the final contract.

Rejection of Bids

City of Oakbrook Terrace has the right to reject any Bid for any reason.

Notification of Award

The City of Oakbrook Terrace Representative will issue "Notification of Award" letter(s) once a selection has been made.

BID PART I - BIDDER'S DECLARATION

This Bid is in response to City of Oakbrook Terrace’s request for a Bid (“RFP”) for Request for Proposal for Drainage and Wetland Restoration.

This Bid consists of:

- Information & Instructions for Bidders
- Bid Part I - Bidder’s Declaration
- Bid Part II - Contract Acknowledgement - Exceptions to City of Oakbrook Terrace Terms & Conditions Appendix A
- Appendix B

Bidder agrees to perform in accordance with all provisions of the RFP documents and any addenda thereto, except as may be specifically stated in this Bid, at the prices set forth herein.

Bidder agrees that this Bid is a firm offer to City of Oakbrook Terrace which cannot be withdrawn for 120 days from and after the Bid due date.

Bidder certifies that it has thoroughly examined and fully understands all of the provisions of the RFP and the conditions of the contract documents attached thereto, as well as any addenda issued prior to the due date; that it has carefully reviewed and fully supports the accuracy of its Bid; has satisfied itself as to the nature and location of all work, the technical, general, and local conditions to be encountered in the performance of any work, the requirements of the Contract and all other matters which may in any way affect performance or the cost thereof; and that City of Oakbrook Terrace shall not be responsible for any errors or omissions on the part of the undersigned in preparing this Bid.

If awarded a Contract, Bidder agrees to execute the Contract and deliver it to City of Oakbrook Terrace within 15 calendar days of such award, along with any required certificates of insurance.

Authorized Signatory Title

Company Name Date

Company Address

Telephone Number Federal Taxpayer I.D. Number

Email Address DUNS Number

**BID PART II
CONTRACT ACKNOWLEDGMENT**

DATE:

FROM: Vendor Name
Address

TO: City of Oakbrook Terrace

RE: PROPOSAL/BID DESCRIPTION
Oakbrook Terrace – Landscaping Project
Quotation # _____

Please be advised that we have carefully read the Exhibit “A”, Service Provider Agreement enclosed in the package. We acknowledge that if we are ultimately awarded the contract, we will promptly execute an agreement containing identical terms and conditions. We understand that there will be no negotiation of the terms and conditions of the Agreement upon award.

(Please note any contract exceptions in the space below or provide an attachment with appropriate signature. Type NONE if you do not have any exceptions.)

Note Exceptions:

Signature: _____

Name: _____

& Title: _____

TOTAL WRITTEN COST :

SIGNED _____

DATED _____

Appendix B

Plans and Specifications

SPRING ROAD TRIBUTARY

Proposed Landscaping Improvements

INDEX

- 1- Cover Sheet
- 2-4 Landscaping Plans
- 5 - Notes and Specs

LOCATION / VICINITY MAP



IDOT STANDARDS

BENCHMARK

SEE EXISTING CONDITIONS PLAN SHEET 3 OF 12

LOCATION

CALL JULIE 811
WITH THE FOLLOWING:
COUNTY _____
CITY-TOWNSHIP _____
48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN., & HOLIDAYS

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION

CLIENT :

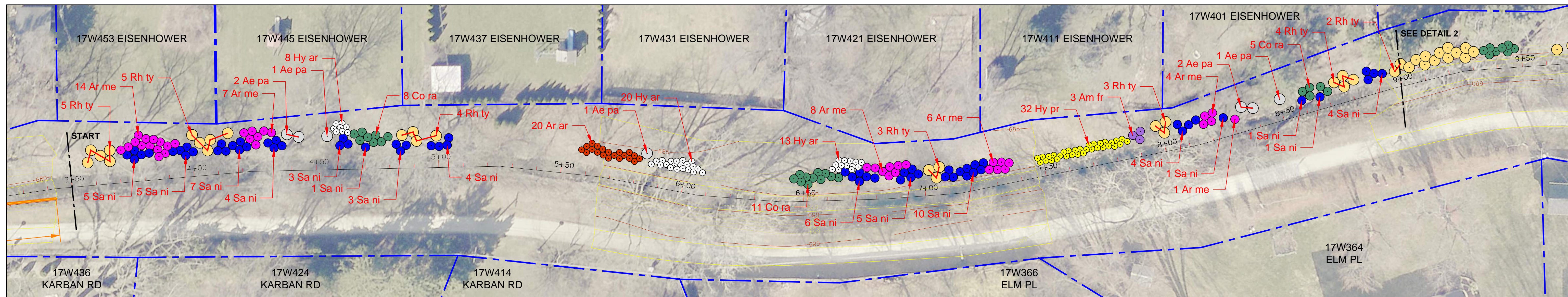


CITY OF OAKBROOK TERRACE
17W275 BUTTERFIELD ROAD
OAKBROOK TERRACE IL. 60181

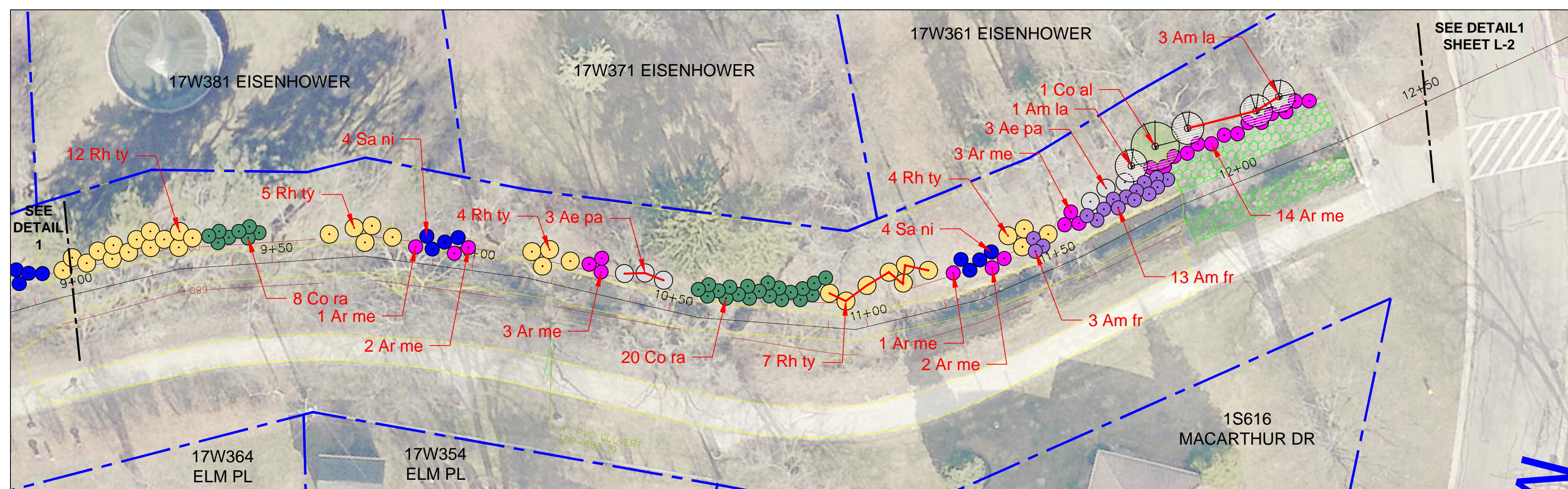
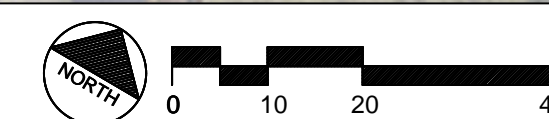


CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W. Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

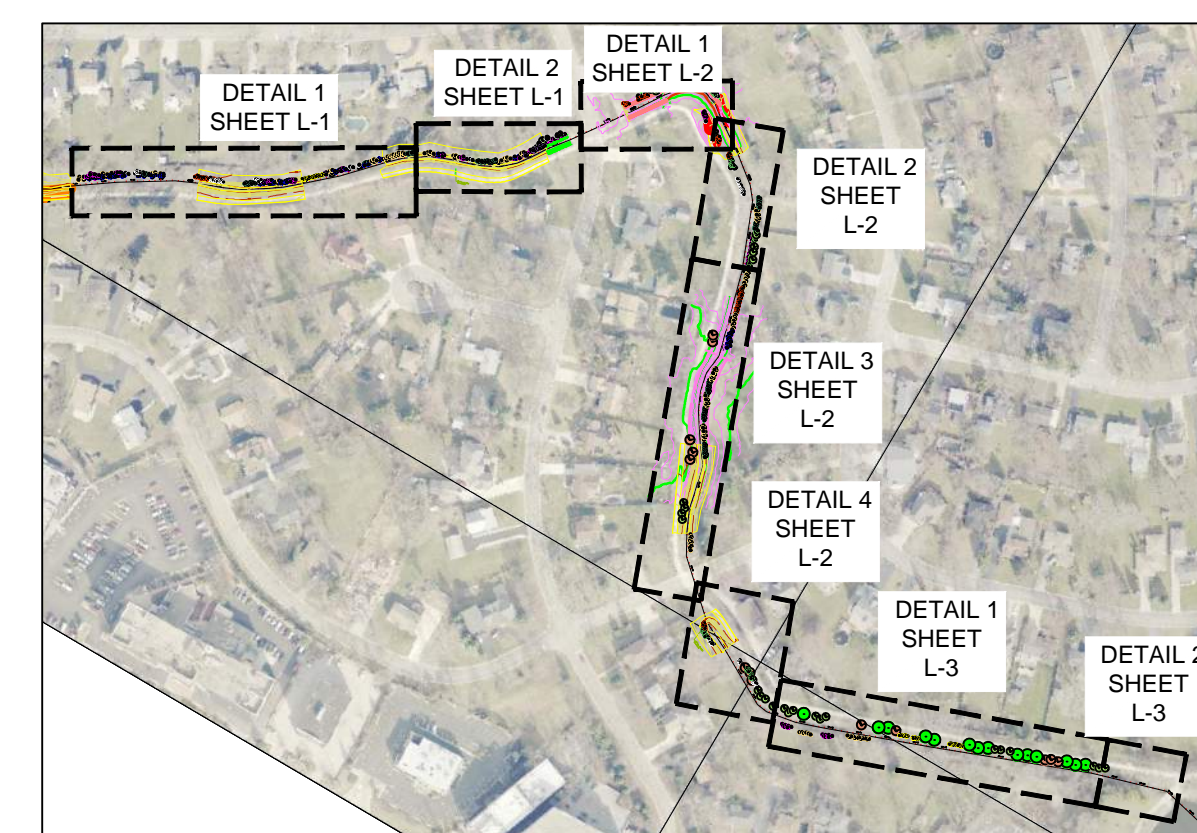
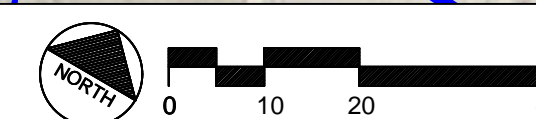
PROFESSIONAL DESIGN FIRM NO. 184-001175
EXPIRATION DATE: 04/30/19



LANDSCAPE DETAIL 1



LANDSCAPE DETAIL 2



KEY PLAN

LANDSCAPE KEY

- LARGE TREES**
- Ta di
- ORNAMENTAL TREES**
- Am la
 - Be ni
 - Co al
- SHRUBS**
- 4.5' o.c.
 - Ae pa
 - Ph op
 - Rh ty
 - 3.5' o.c.
 - Am fr
 - Ar me
 - Co ra
 - Sa ni
 - 2.5' o.c.
 - Ar ar
 - Hy ar
 - Hy pr
 - Ri am

PLANT LIST

Sym.	Botanical Name	Common Name	Qty.	Install Size	Cond.	Spacing
Deciduous Tree						
Am la	Amelanchier laevis	Allegheny Shadblow	14	6' clump	B&B	
Be ni	Betula nigra	River Birch	15	7' clump	B&B	
Co al	Cornus alternifolia	Pagoda Dogwood	33	6' clump	B&B	
Ta di	Taxodium distichum	Bald Cypress	16	2"	B&B	
Deciduous Shrub						
Ae pa	Aesculus parviflora	Bottlebrush Buckeye	21	1 gal.	Cont.	4.5' o.c.
Am fr	Amorpha fruticosa	Indigo Bush	19	1 gal.	Cont.	3.5' o.c.
Ar ar	Aronia arbutifolia	Red Chokeberry	130	1 gal.	Cont.	2.5' o.c.
Ar me	Aronia melanocarpa	Black Chokeberry	110	1 gal.	Cont.	3.5' o.c.
Co ra	Cornus racemosa	Gray Dogwood	114	1 gal.	Cont.	3.5' o.c.
Hy ar	Hydrangea arborescens	Smooth Hydrangea	102	1 gal.	Cont.	3.5' o.c.
Hy pr	Hypericum prolificum	Shrubby St. John's Wort	76	1 gal.	Cont.	2.5' o.c.
Ph op	Physocarpus opulifolius	Ninebark	15	1 gal.	Cont.	4.5' o.c.
Rh ty	Rhus typhina	Staghorn Sumac	142	1 gal.	Cont.	4.5' o.c.
Ri am	Ribes americanum	Wild Black Current	57	1 gal.	Cont.	4.5' o.c.
Sa ni	Sambucus nigra var. canadensis	Elderberry	89	1 gal.	Cont.	3.5' o.c.

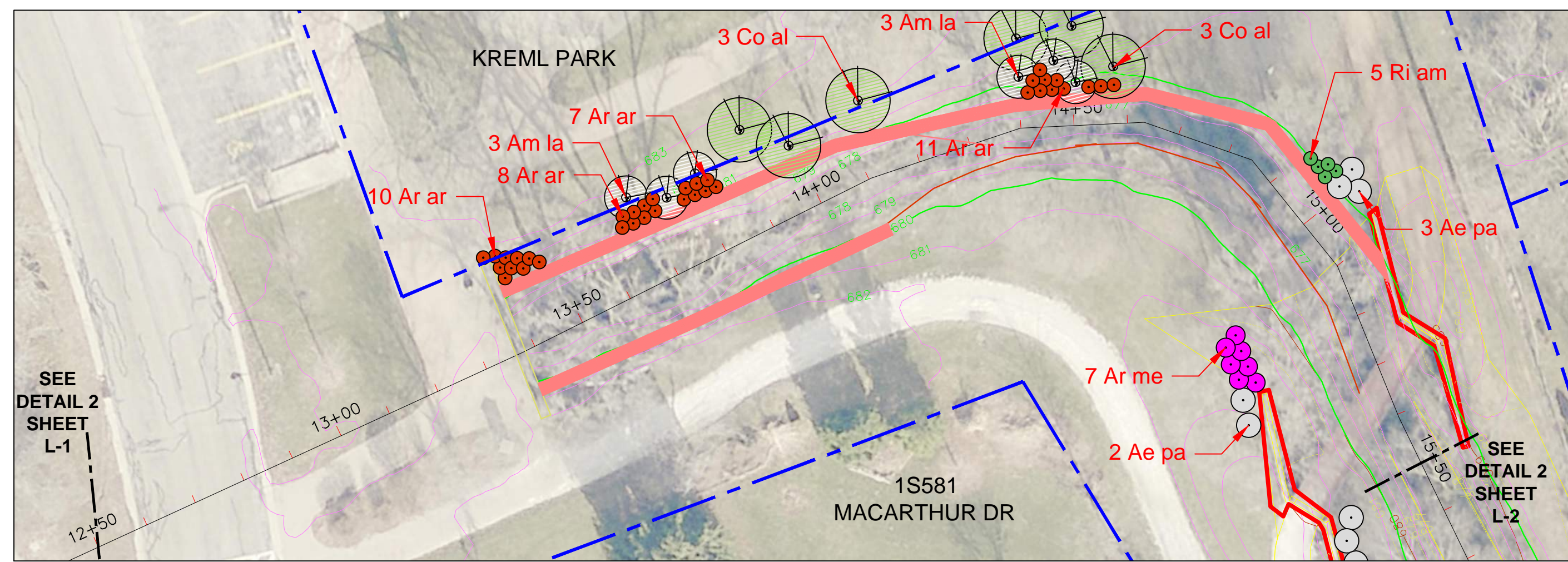
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:
CITY OF OAKBROOK TERRACE
 17W275 BUTTERFIELD ROAD
 OAKBROOK TERRACE IL. 60181

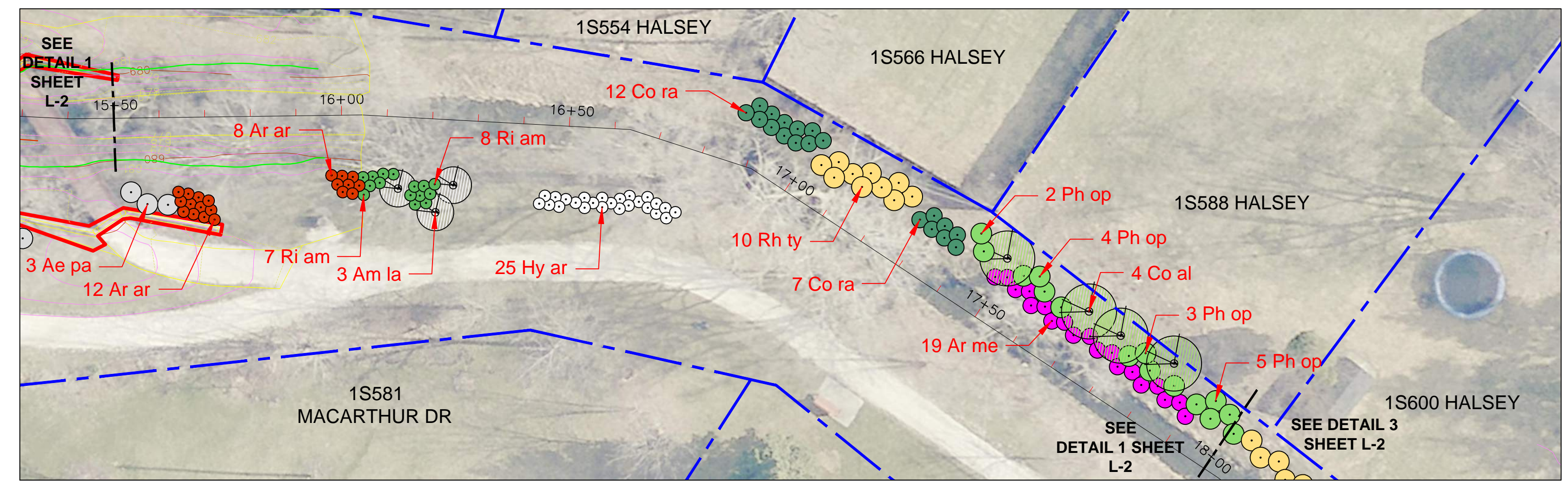
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE:
SPRING ROAD TRIBUTARY LANDSCAPE PLAN

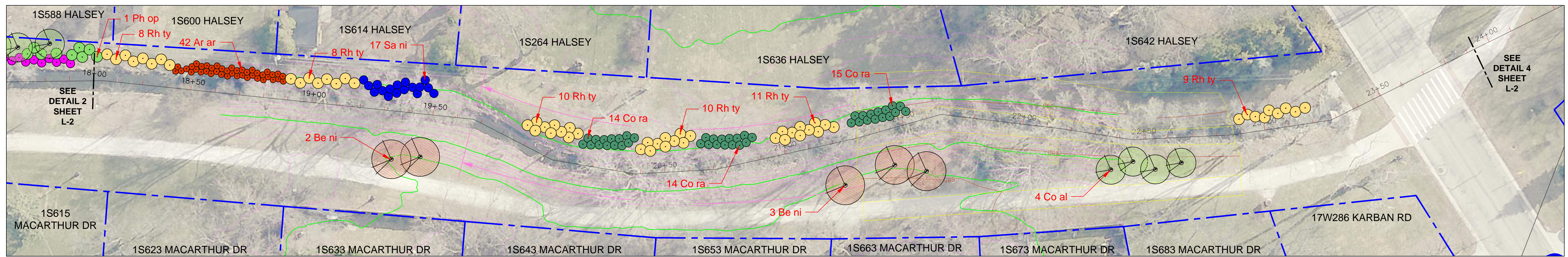
PROJ. NO.180522
 DATE: 6/30/2023
 SHEET 1 OF 3
 DRAWING NO.
L-1



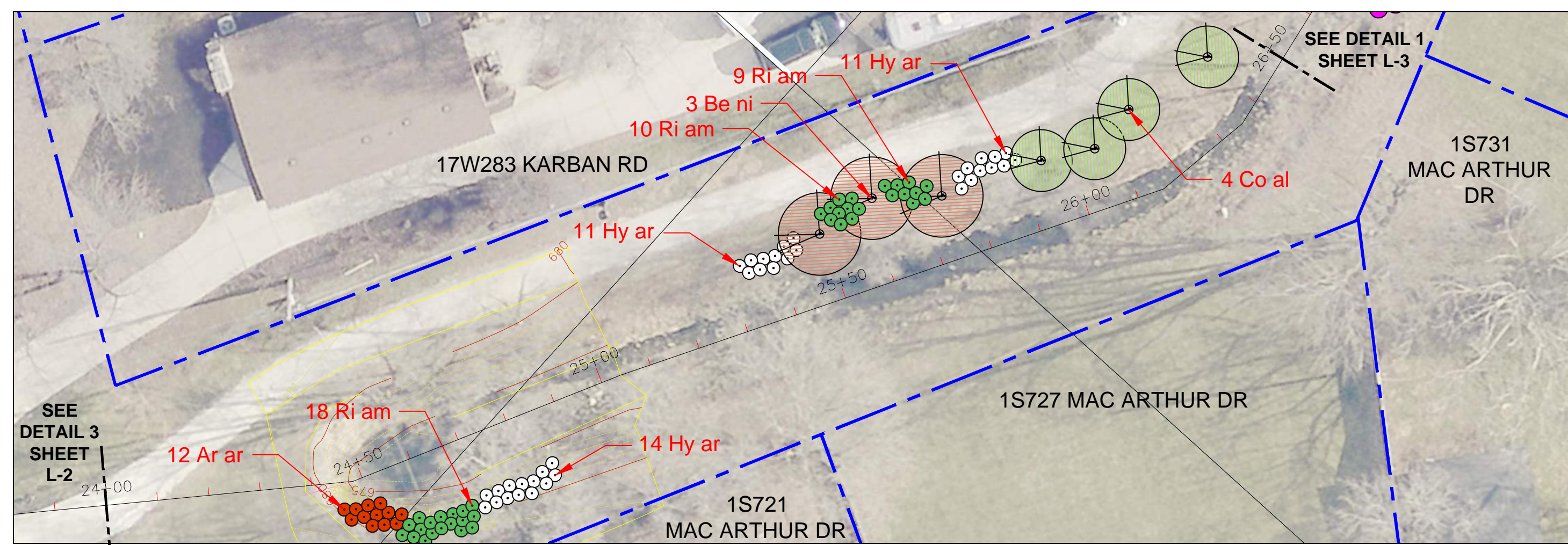
LANDSCAPE DETAIL 1



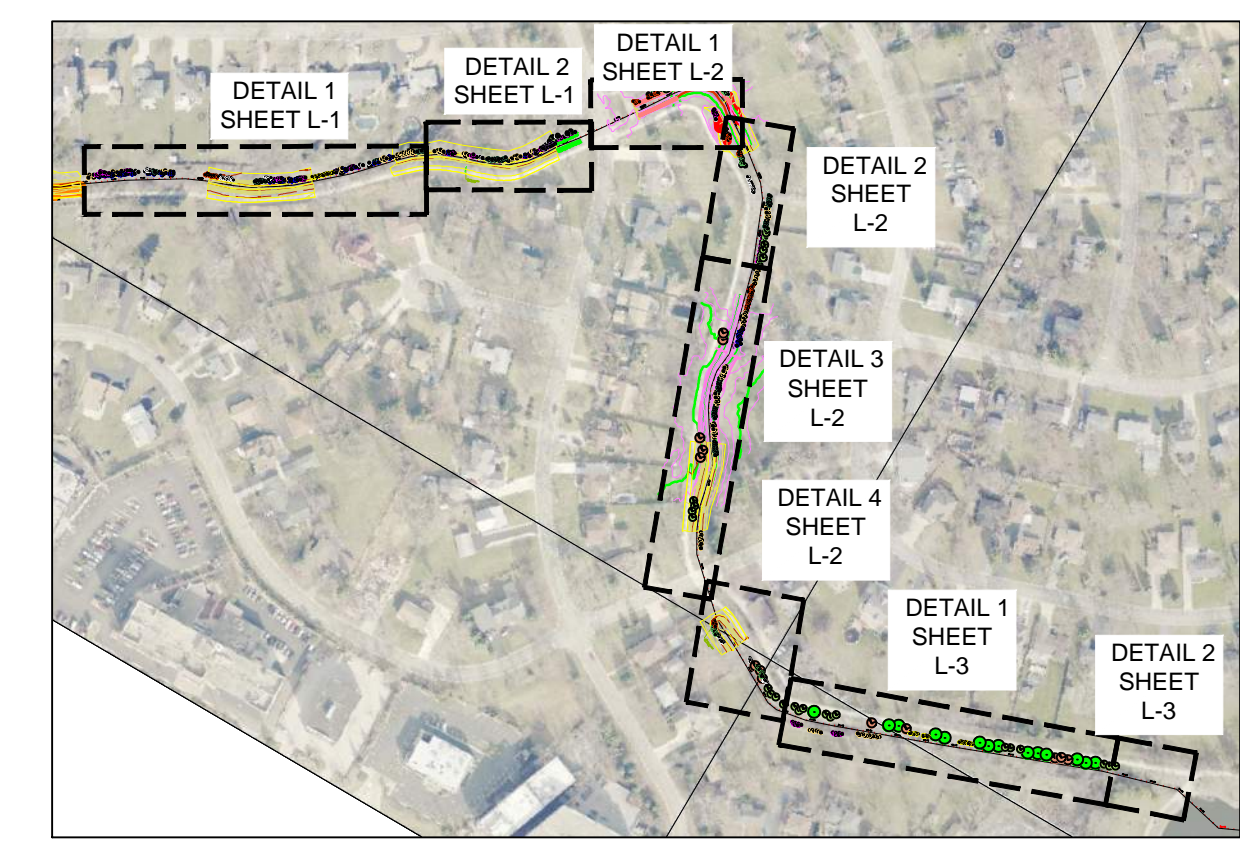
LANDSCAPE DETAIL 2



LANDSCAPE DETAIL 3



LANDSCAPE DETAIL 4



KEY PLAN

- ### LANDSCAPE KEY
- LARGE TREES**
 - Ta di
 - ORNAMENTAL TREES**
 - Am la
 - Be ni
 - Co al
 - SHRUBS**
 - 4.5' o.c.
 - Ae pa
 - Ph op
 - Rh ty
 - 3.5' o.c.
 - Am fr
 - Ar me
 - Co ra
 - Sa ni
 - 2.5' o.c.
 - Ar ar
 - Hy ar
 - Hy pr
 - Ri am

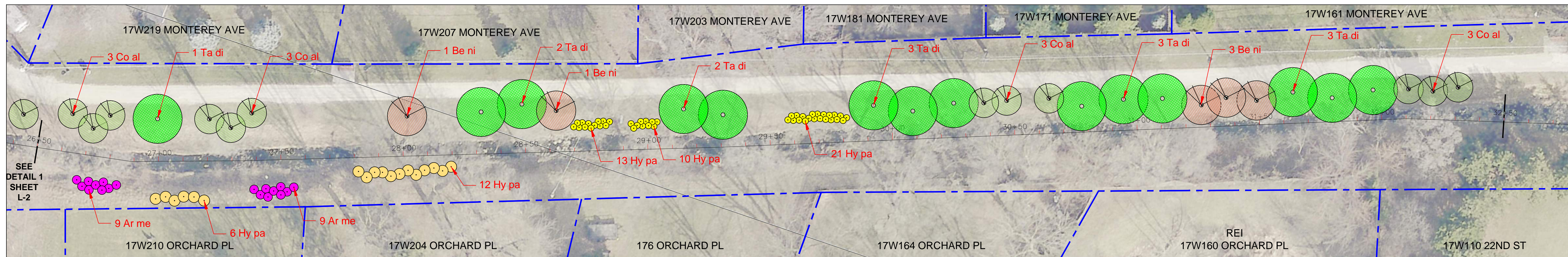
CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT: **CITY OF OAKBROOK TERRACE**
 17W275 BUTTERFIELD ROAD
 OAKBROOK TERRACE IL. 60181

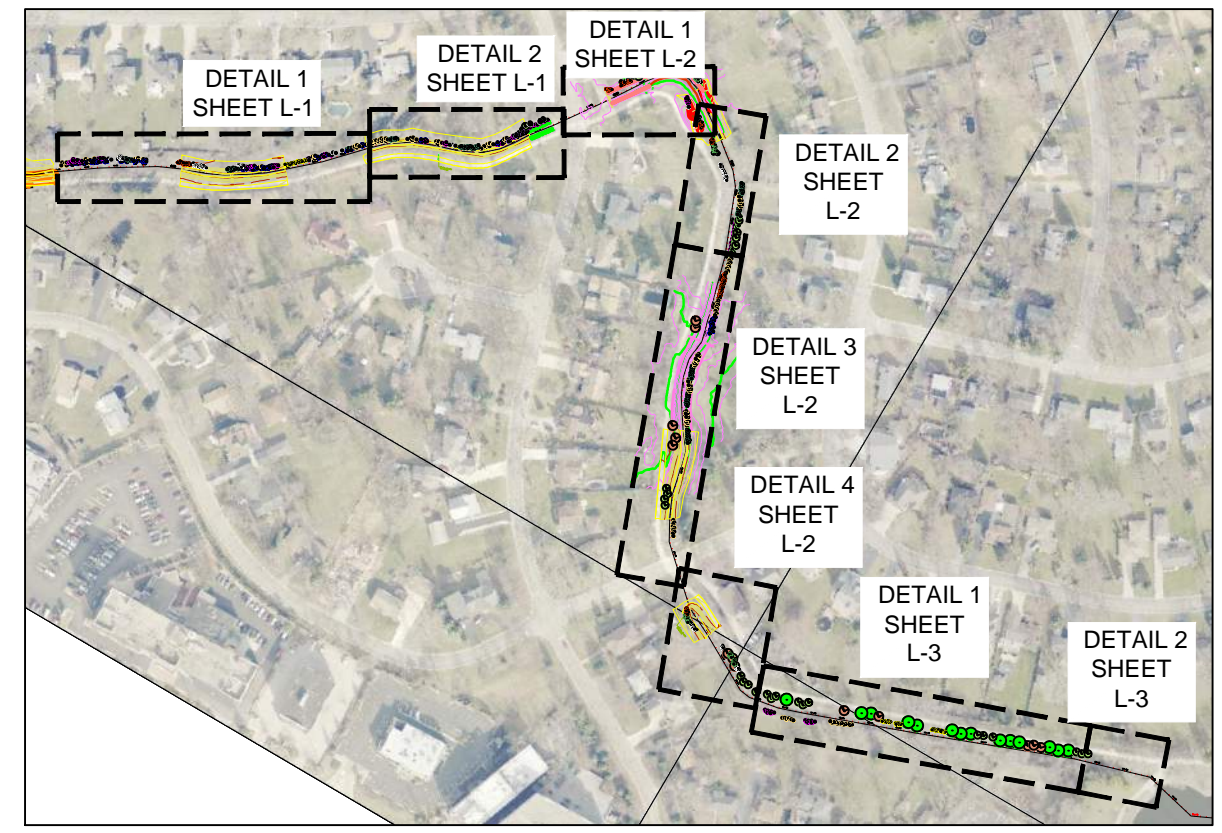
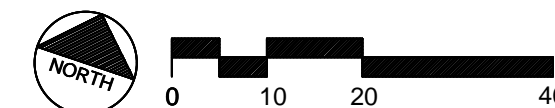
NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SPRING ROAD TRIBUTARY LANDSCAPE PLAN**

PROJ. NO.180522
 DATE: 6/30/2023
 SHEET 2 OF 3
 DRAWING NO. **L-2**

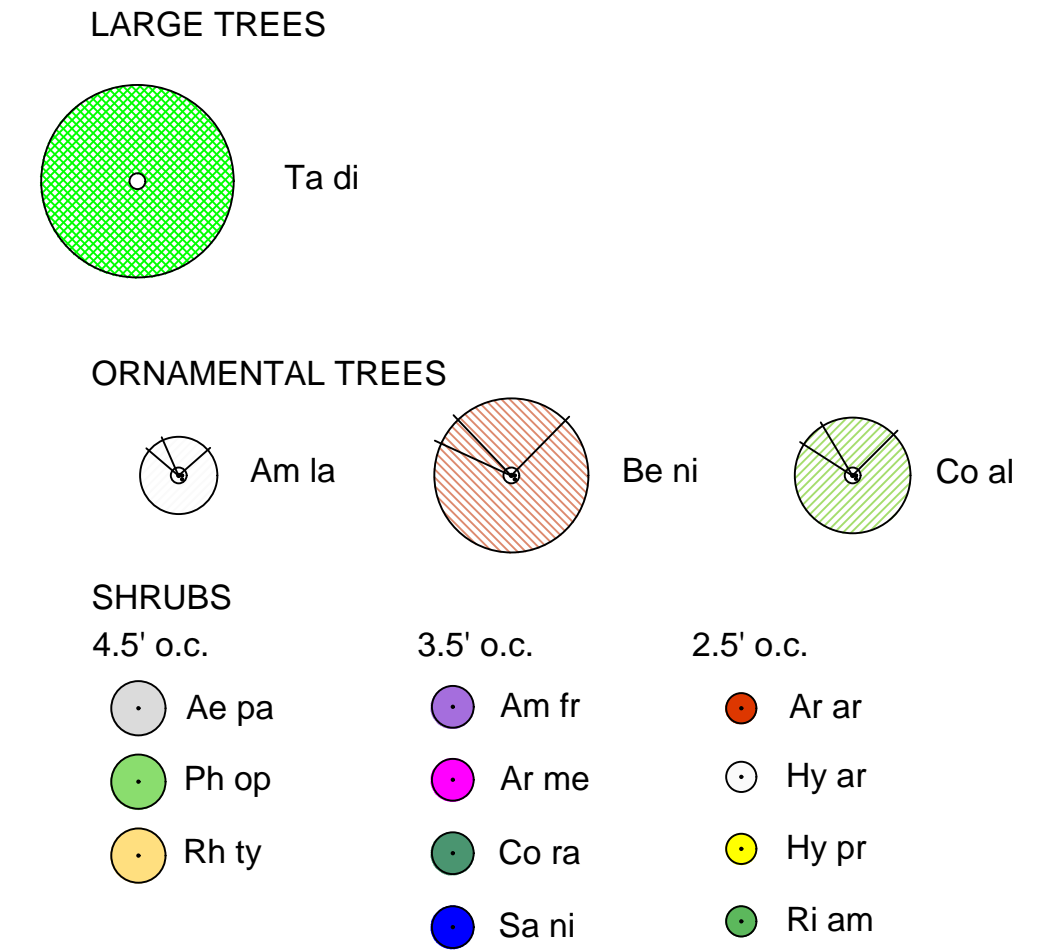


LANDSCAPE DETAIL 1



KEY PLAN

LANDSCAPE KEY



PLANT LIST

Sym.	Botanical Name	Common Name	Qty.	Install Size	Cond.	Spacing
Deciduous Tree						
Am la	Amelanchier laevis	Allegheny Shadblow	14	6' clump	B&B	
Be ni	Betula nigra	River Birch	15	7' clump	B&B	
Co al	Cornus alternifolia	Pagoda Dogwood	33	6' clump	B&B	
Ta di	Taxodium distichum	Bald Cypress	16	2"	B&B	
Deciduous Shrub						
Ae pa	Aesculus parviflora	Bottlebrush Buckeye	21	1 gal.	Cont.	4.5' o.c.
Am fr	Amorpha fruticosa	Indigo Bush	19	1 gal.	Cont.	3.5' o.c.
Ar ar	Aronia arbutifolia	Red Chokeberry	130	1 gal.	Cont.	2.5' o.c.
Ar me	Aronia melanocarpa	Black Chokeberry	110	1 gal.	Cont.	3.5' o.c.
Co ra	Cornus racemosa	Gray Dogwood	114	1 gal.	Cont.	3.5' o.c.
Hy ar	Hydrangea arborescens	Smooth Hydrangea	102	1 gal.	Cont.	3.5' o.c.
Hy pr	Hypericum prolificum	Shrubby St. John's Wort	76	1 gal.	Cont.	2.5' o.c.
Ph op	Physocarpus opulifolius	Ninebark	15	1 gal.	Cont.	4.5' o.c.
Rh ty	Rhus typhina	Staghorn Sumac	142	1 gal.	Cont.	4.5' o.c.
Ri am	Ribes americanum	Wild Black Current	57	1 gal.	Cont.	4.5' o.c.
Sa ni	Sambucus nigra var. canadensis	Elderberry	89	1 gal.	Cont.	3.5' o.c.

1 acre of broadcast native seeding, and 50 cyds of IDOT Class A RR3 Riprap to be installed at the direction of the Engineer.

All native seed mixes shall be installed with a granular form of endomycorrhizal inoculant at the rate specified per acre by the manufacturer.

Buffer/Mesic Prairie - NWL to Limits of Seeding

Botanical Name	Common Name	lbs / acre
Andropogon gerardii	Big Bluestem	4
Bromus ciliatus	Fringed Brome	1
Bromus pubescens	Woodland Brome	1
Bouteloua curtipendula	Side Oats Grama	2
Elymus canadensis	Canada Wild Rye	3
Elymus histrix	Bottle Brush Grass	1
Elymus riparius	Riverbank Wild Rye	1
Elymus virginicus	Virginia Wild Rye	3
Glyceria striata	Fowl Manna Grass	1
Panicum virgatum	Switch Grass	1.5
Poa palustris	Fowl Bluegrass	1
Schizachyrium scoparium	Little Bluestem	3
Sorghastrum nutans	Indian Grass	3
TOTAL		25.5

TEMPORARY COVER

Botanical Name	Common Name	lbs / acre
Avena sativa	Common Oat	90

Buffer/Mesic Prairie - NWL to 2' above NWL

Botanical Name	Common Name	lbs / acre
Carex lurida	Bottlebrush Sedge	0.3
Carex vulpinoidea	Brown Fox Sedge	0.6
Elymus histrix	Bottle Brush Grass	1
Elymus riparius	Riverbank Wild Rye	1
Elymus virginicus	Virginia Wild Rye	3
Glyceria striata	Fowl Manna Grass	1
Juncus effusus	Common Rush	0.3
Juncus torreyi	Torrey's Rush	0.3
Leersia oryzoides	Rice Cut Grass	3
Panicum virgatum	Switch Grass	3
Poa palustris	Fowl Bluegrass	1.5
Puccinellia pallida	Pale Manna Grass	0.5
Scirpus atrovirens	Dark Green Rush	0.6
Scirpus cyperinus	Wool Grass	0.6
Scirpus fluviatilis	River Bulrush	0.2
Scirpus validus	Great Bulrush	0.6
Zizania aquatica	Wild Rice	0.5
TOTAL		18

TEMPORARY COVER

Botanical Name	Common Name	lbs / acre
Avena sativa	Common Oat	90

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CLIENT:  **CITY OF OAKBROOK TERRACE**
 17W275 BUTTERFIELD ROAD
 OAKBROOK TERRACE IL. 60181

NO.	DATE	NATURE OF REVISION	CHKD.	MODEL:

TITLE: **SPRING ROAD TRIBUTARY LANDSCAPE PLAN**

PROJ. NO.180522
 DATE: 6/30/2023
 SHEET 3 OF 3
 DRAWING NO. **L-3**

SEEDING

Description. This work shall consist of preparing the seed bed and placing the seed and other materials required in seeding operations on the disturbed areas.

Seed Bed Preparation. Seed bed preparation shall not be started until all stones, boulders, debris and similar material larger than 25 mm (1 in.) in diameter have been removed. The areas to be seeded shall be worked to a minimum depth of 75 mm (3 in.) with a disk tiller or other equipment approved by the Owner, reducing all soil particles to a size not larger than 6 mm (1/4 in.) in the largest dimension. The prepared surface shall be relatively free from weeds, clods, stones, roots, sticks, rivulets, gullies, crusting and caking. No seeds shall be sown until the seed bed has been approved by the Owner.

Seeding Methods. No seed shall be sown during high winds or when the ground is not in a proper condition for seeding, nor shall any seed be sown until the purity test has been completed for the seeds to be used and shows that the seed meets the noxious weed seed requirements. All seed installation equipment shall be approved by the Owner prior to being used. Prior to starting work, seeders shall be calibrated and adjusted to sow seeds at the required seeding rate. Equipment shall be operated in a manner to ensure complete coverage of the entire area to be seeded. The Owner shall be notified 48 hours prior to beginning the seeding operations so that the Owner may determine by trial runs that a calibration of the seeder will provide uniform distribution at the specified rate per acre. When seed or fertilizer is applied with a hydraulic seeder, the rate of application shall be not less than 9500 L (1000 gal) of slurry per acre. This slurry shall contain the proper quantity of seed or fertilizer nutrients specified per acre. When using a hydraulic seeder, the fertilizer nutrients and seed shall be applied in two separate operations.

Seeding Dates. The seeding dates shall be from April 15 to June 1 and from September 15 to October 15.

Seeding Mixtures. Seed mix as identified below and on the plan. All seeding shall occur prior to placement of mulch cover.

Buffer/Mesic Prairie - NWL to Limits of Seeding

Botanical Name	Common Name	lbs / acre
Andropogon gerardii	Big Bluestem	4
Bromus ciliatus	Fringed Brome	1
Bromus pubescens	Woodland Brome	1
Bouteloua curtipendula	Side Oats Grama	2
Elymus canadensis	Canada Wild Rye	3
Elymus histrix	Bottle Brush Grass	1
Elymus riparius	Riverbank Wild Rye	1
Elymus virginicus	Virginia Wild Rye	3
Glyceria striata	Fowl Manna Grass	1
Panicum virgatum	Switch Grass	1.5
Poa palustris	Fowl Bluegrass	1
Schizachyrium scoparium	Little Bluestem	3
Sorghastrum nutans	Indian Grass	3
	TOTAL	25.5

For placement on slopes, knitted straw blanket shall be unrolled in the direction of the slope and shall extend a minimum of 900 mm (3 ft) over the crest of the slope. On slope applications, six staples shall be installed on uniform spacing across the uphill end of each roll. The downhill ends of the lowermost rolls across the slope also shall be anchored with six staples, placed on uniform spacing.

Maintenance. Following the mulching operation, foot and vehicular traffic, or the movement of equipment over the mulched area shall be prohibited.

Promptly after seeding, wet the upper 1" of seedbed thoroughly, keeping all areas moist throughout the germination process and the grasses and forbs have reached a height of 1 inch. The surface of the soil shall not be allowed to dry out, but areas of standing water are not permitted.

At any location where mulching has been displaced by any Contractor's equipment or personnel, the seeding and mulch or other work damaged as a result of that displacement shall be repaired or replaced immediately at the Contractor's expense, in a manner satisfactory to the Owner.

Watering. Once the new seed has reached a height of 1" or greater supplemental watering may be required in the event of inadequate rainfall, as determined by the Owner. Supplemental water shall be applied within 24 hours of notification from the Owner. Use a diffusing type attachment for hose watering to create a light sprinkling effect. The water shall be applied at the rate of 1 inch per week across the surface of all seeded areas.

Guarantee. Contractor shall guarantee the seeding for a period of two growing season from the Date of Substantial Completion of total project for any loss due to faulty materials, workmanship, or procedures. Seeded areas shall have a healthy, uniform, close stand of established grasses and forbs, free of weeds, surface irregularities and have no bare spots larger than 1-1/2' diameter. If any area does not meet this criteria contractor shall prepare the soil surface of the rejected areas, install seed fertilizer and mulch, and water until an acceptable stand of grass is established. Any seeded or landscaped area disturbed by these procedures will be restored at the contractor's expense.

If any seeding must be performed later than the scheduled periods then the contractor shall also guarantee these seeded areas for a period of one growing season from the date of substantial completion from loss due to weather conditions.

Maintenance. Contractor is responsible for all maintenance of the seeding for a period of one growing season from the Date of Substantial Completion of total project.

Measurement and Payment. This work will be paid for at the contract price per SQUARE YARD as SEEDING which price shall be payment in full for all labor, material, and equipment necessary for the supply, and installation of the seeding and all incidental work and materials herein specified.

TREES AND SHRUBS

This work shall include all labor, material, and equipment necessary for excavation, and installation of the trees and shrubs and all incidental work specified herein.

Prior to all the work of this section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where this installation may properly commence.

Verify that planting may be completed in accordance with the original design and the referenced standards.

Apply a total non-plant selective herbicide to the outline of all mass planting beds. Follow manufactures instructions for use and applications. Herbicide to be applied by a licensed applicator.

After herbicide manufacture recommendations for sufficient time to perform removes existing turf and vegetation debris. Dispose of off-site.

TREES & SHRUBS

All materials shall conform to the standards adopted by the American Association of Nurserymen.

After the plant is placed in the hole, all cords and burlap shall be cut away from the trunk and the burlap and any wire baskets removed from the top of the ball.

GUARANTEES

The Contractor shall guarantee the plant material for a period of one year after Date of Substantial Completion of total Project. The Contractor shall replace all plant material, which has not survived the guarantee period.

Within this period of the guarantee, plants replaced by approval of the Owners Representative shall be guaranteed for 1 year from date of replacement.

At any time within the period of the guarantee, the Contractor shall replace any plant, which has died or is in a dying condition, or has failed to flourish in such a manner or is such a degree that its usefulness or appearance has been impaired due to inferior or defective materials or workmanship, or unfavorable weather conditions. The decision of the Owners Representative for making replacements shall be conclusive and binding. The Contractor shall also make good damage to persons or property caused by defective workmanship or materials.

PLANTING

Remove all rocks and debris over 1" in diameter from top 3" of planting beds. Prepared backfill soil shall be in a loose friable condition at the time of planting. All plants shall be placed in a plumb position and set at the same depth as they grew in the nursery or container. Tamping or watering shall accompany the backfilling operation to eliminate air pockets.

Prior to placing the plant in the hole, the container shall be removed with care so as not to disturb the root system.

FERTILIZER

All fertilizer shall be a commercial balanced 10-6-4 fertilizer delivered to the site in bags labeled with the manufacturer's guaranteed analysis. The fertilizer shall be applied to mass planting beds at the manufacturer's recommended rate.

SHREDDED HARDWOOD BARK MULCH

Shredded hardwood bark mulch shall be free of harmful chemicals, diseases, and insects. Mulch shall have a minimum 1/8 inch dimension and a maximum length of 2-1/2".

Basis of Payment: This work shall be paid for at the contract unit price per EACH for:

TREES AND SHRUBS

Unit prices shall include all labor, material, and equipment necessary for excavation, and installation of the shrubs, perennials and grasses and all incidental work herein specified.

Botanical Name	Common Name	lbs / acre	Seeding
Avena sativa	Common Oat	90	3

Buffer/Mesic Prairie - NWL to 2' above NWL

Botanical Name	Common Name	lbs / acre
Carex lurida	Bottlebrush Sedge	0.3
Carex vulpinoidea	Brown Fox Sedge	0.6
Elymus histrix	Bottle Brush Grass	1
Elymus riparius	Riverbank Wild Rye	1
Elymus virginicus	Virginia Wild Rye	3
Glyceria striata	Fowl Manna Grass	1
Juncus effusus	Common Rush	0.3
Juncus torreyi	Torrey's Rush	0.3
Leersia oryzoides	Rice Cut Grass	3
Panicum virgatum	Switch Grass	3
Poa palustris	Fowl Bluegrass	1.5
Puccinellia pallida	Pale Manna Grass	0.5
Scirpus atrovirens	Dark Green Rush	0.6
Scirpus cyperinus	Wool Grass	0.6
Scirpus fluviatilis	River Bulrush	0.2
Scirpus validus	Great Bulrush	0.6
Zizania aquatica	Wild Rice	0.5
	TOTAL	18

Botanical Name	Common Name	lbs / acre
Avena sativa	Common Oat	90

All seed shall be mixed with a granular form of endomycorrhizal inoculant at a rate of 40 lbs/acre.

Seed mixture shall be delivered to the site in bags labeled with the manufacture's guaranteed analysis of seed type and percentage included.

Installation. Roll all seeded areas after seed application. Within 24 hours from the time seeding has been performed, the seeded area shall be given a covering of mulch. On slopes steeper than 1:3 (V:H), mulch shall be applied the same day as seeded.

Mulch Blanket. NAG S-150 Mulch blanket shall be placed within 24 hours after seeding operations have been completed on the areas specified.

Prior to placing the blanket, the areas to be covered shall be relatively free of foreign material which will prevent the close contact of the blanket with the seed bed. After the area has been properly shaped, fertilized and seeded, the blanket shall be laid out flat, evenly and smoothly, without stretching the material.

The blankets shall be placed so that the netting is on the top and the fibers are in contact with the soil.