



FORT HAYS STATE UNIVERSITY

Forward thinking. World ready.

REQUEST FOR QUOTE #: 22016

Date Posted: March 4, 2022

Question Deadline: Tuesday, March 15, 2022
by 4:30 p.m.

Closing Date: Tuesday, March 22, 2022
by 4:30 p.m.

RETURNED SIGNED QUOTE TO:

Fort Hays State University (FHSU)
Purchasing Office
601 Park Street Sheridan Hall Room 318
Hays, KS 67601

It shall be the bidder's responsibility to monitor this website on a regular basis for any changes/addenda, <http://www.fhsu.edu/purchasing/bids>.

Purchasing Office Contact Information:

Telephone: 785-628-4251

Fax: 785-628-4046

Email: purchasing@fhsu.edu

INSTRUCTIONS TO BIDDERS:

1. The FHSU Purchasing Office is the only point of contact for this RFQ. When communicating, always refer to the quotation number.
2. To be considered, one copy of this quotation, with your bid properly filled in, must be signed and returned to the FHSU Purchasing Office by the specified closing date. E-mail and late bids cannot be considered.
3. **Submit bid response through FHSU's bid solicitation site, Vendor Registry:** <https://fhsu.edu/purchasing/bids/index.html>. **Bidder must be registered.**
4. Bid must be in U.S. Dollars (\$US) excluding Federal Excise/State Sales Taxes.
5. All prices and conditions must be shown. Additions or conditions not shown on this bid will not be allowed.
6. Bid for comparable merchandise will be considered, unless the specifications indicate "no substitution".
7. Bidder must specify exceptions to any requirement or specification in the bid.
8. Bid must include complete specifications and/or descriptive literature to facilitate consideration.
9. Please browse our web-site for similar pending requests.
10. **THIS IS NOT AN ORDER.**

Description of Project

Fort Hays State University seeks proposals from qualified landscapers to install trees, scrubs, and other landscaping materials as noted in the attached documents. Contractor to remove existing landscaping and replace as per drawings. Project to begin as soon as materials arrive onsite. Please provide a price if project can be completed by June 1, 2022 or by September 1, 2022. See attached drawings which includes general construction notes.

The supplier will also present Certificates of Insurance to the FHSU Purchasing Office evidencing the following coverage during the performance of the Services:

- (a) Worker's Compensation with statutory limits;
- (b) Employers Liability, with a minimum \$1,000,000 limit of liability per occurrence;
- (c) Commercial General Liability, including Contractual Liability coverage, with the following minimum limits of liability: \$1,000,000 per occurrence for Bodily Injury and Property Damage, and \$1,000,000 General Aggregate.

Contact Dana Cunningham, Facilities Planning Director, at 785-628-4424 or dacunningham@fhsu.edu for a site visit or if you have technical questions.

Total project cost for materials and labor if completed by June 1, 2022 \$_____

Total project cost for materials and labor if completed by September 1, 2022 \$_____

(FOB Destination Prepaid & Allowed)

TO BE CONSIDERED, THE FOLLOWING INFORMATION MUST BE PROVIDED BY THE BIDDER:

DATE _____
 TERMS _____
 DELIVERY WILL BE MADE _____ DAYS A.R.O.
 F.O.B. DEST. Fort Hays State University, Hays, KS 67601
 F.E.I.N. OR S.S.N. _____
 NAME _____
 ADDRESS _____
 CITY _____ ST _____ ZIP _____

SIGNED BY _____
 PRINT OR TYPE NAME _____
 TITLE _____
 TELEPHONE # _____
 FAX # _____
 E-MAIL ADDRESS _____
 CHECK IF APPLICABLE
 Small Business _____ Woman-Owned _____ Minority-Owned _____

State Credit Card: Presently, FHSU uses a State of Kansas Procurement Card (Visa) in lieu of a state warrant to pay for some of its purchases. State of Kansas Law does not allow retailers to charge a credit fee for using their cards. (Refusal will not be a determining factor in award of this contract.) Will the credit card be allowed for purchases? Yes _____ No _____

TERMS AND CONDITIONS

1. It is the intent of Fort Hays State University (FHSU) to permit competitive bidding. It is the bidder's responsibility to advise the FHSU Purchasing Office, in writing, no later than three (3) business days before the bid closing date, if any specification or requirement described herein limits bidding to a single source.
2. Unless otherwise specified, Fort Hays State University reserves the right to accept or reject all or any part of your quotation, and to waive technicalities.
3. Offered payment discounts will NOT be considered in determining the low bid. The discount period begins on the date of delivery, or acceptance, or receipt of a correct invoice by the receiving agency, whichever is later.
4. Except as otherwise indicated, the merchandise quoted is in new condition.
5. Fort Hays State University reserves the right to award purchases by item, by group, or by lot, whichever is deemed to be in the university's best interest.
6. In the event of a tie for the low bid, the award will be made to the Kansas bidder.
7. Unit price will prevail in the event of extension error(s).
8. If awarded a purchase order, the bidder agrees to furnish the item(s) or provide the service(s) enumerated hereon at the price(s) quoted and in accordance with the conditions indicated.
9. If a bid indicates that an item quoted is functionally equivalent and it is purchased and found not to be comparable, Fort Hays State University reserves the right to return that item at the bidder's expense, and the bidder will be billed for the difference in cost between this bid and the successful bid.
10. If any portion of this bid is provided by a vendor other than the bidder, the bidder remains the prime contractor responsible for fulfilling all requirements of this bid.
11. Contracts or purchase orders resulting from this quotation may not be assigned without prior written consent of the FHSU Director of Purchasing.
12. The seller agrees to protect Fort Hays State University from all damages arising out of alleged patent infringement.
13. Partial payments will not be made, unless otherwise specified.
14. Bid results are available by written request with a check payable to Fort Hays State University for five dollars (\$5.00) per request, tax included, with a stamped, self-addressed envelope. Unless otherwise requested, your canceled check will serve as your receipt.
15. Any conviction for a criminal or civil offense that indicates a lack of business integrity or business honesty which currently, seriously and directly affects responsibility as a state contractor must be disclosed. This is to include (1) conviction of a criminal offense as an incident to obtaining or attempting to obtain a public or private contract of subcontract or in the performance of such contract of subcontract; (2) conviction under state or federal statutes of embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property; (3) conviction under state or federal antitrust statutes; and (4) any other offense to be serious and compelling as to affect responsibility as a state contractor. For the purpose of this section, an individual or entity shall be presumed to have control of a company or organization if the individual or entity directly or indirectly, or action in concert with one or more individuals or entities, owns or controls twenty-five percent (25%) or more of its equity, or otherwise controls its management or policies. Failure to disclose an offense may result in disqualification of the bid or termination of the contract.
16. If any part of this contract (including any required installation) is fulfilled by any other contractor, the successful bidder remains responsible for completing all aspects of the work described herein.
17. Vendors who are new to the university should complete a vendor registration form found at: <https://vrapp.vendorregistry.com/Vendor/Register/Index/fort-hays-state-university-ks-vendor-registration>. A copy of the vendor's W-9 should also be submitted with your bid: <http://www.irs.gov/pub/irs-pdf/fw9.pdf?portlet=3>.

TAX CLEARANCE

Fort Hays State University strongly supports the State of Kansas Tax Clearance Process. Vendors submitting bids or proposals which exceed \$25,000 over the term of the contract shall include a copy of a Tax Clearance Certification Form with their submittal. Failure to provide this information may be cause for rejection of vendor's bid or proposal.

A "Tax Clearance" is a comprehensive tax account review to determine and ensure that the account is compliant with all primary Kansas Tax Laws administered by the Kansas Department of Revenue (KDOR) Director of Taxation. Information pertaining to a Tax Clearance is subject to change(s), which may arise as a result of a State Tax Audit, Federal Revenue Agent Report, or other lawful adjustment(s).

To obtain a Tax Clearance Certificate, you must:

- Go to <https://www.kdor.ks.gov/apps/taxclearance/Default.aspx> to request a Tax Clearance Certificate
- Return to the website the following working day to see if KDOR will issue the certificate
- If issued an official certificate, print it and attach it to your bid response
- If denied a certificate, engage KDOR in a discussion about why a certificate wasn't issued

Bidders (and their subcontractors) are expected to submit a current Tax Clearance Certificate with every event response.

Please Note: Individual and business applications are available. For applications entered prior to 5:00 PM Monday through Friday, results typically will be available the following business day. Tax clearance requests may be denied if the request includes incomplete or incorrect information.

Please Note: You will need to sign back into the KDOR website to view and print the official tax clearance certificate.

A copy of the Certification of Tax Clearance form received from the Kansas Department of Revenue should be sent along with the bid response(s) to:

Fort Hays State University
Purchasing Office
601 Park Street, Sheridan Hall 318
Hays, KS 67601

Failure to provide this information may be cause for rejection of vendor's bid or proposal.

Information about Tax Registration can be found at the following website:

<http://www.ksrevenue.org/forms-btreg.html>.

The FHSU Purchasing Office reserves the right to confirm tax status of all potential contractors and subcontractors prior to the release of a purchase order or contract award.

In the event that a current tax certificate is unavailable, the FHSU Purchasing Office reserves the right to notify a bidder (one that has submitted a timely event response) that they have to provide a current Tax Clearance Certificate within ten (10) calendar days, or FHSU may proceed with an award to the next lowest responsive bidder, whichever is determined by the Purchasing Director to be in the best interest of FHSU and the State.

**CERTIFICATION REGARDING
IMMIGRATION REFORM & CONTROL**

All Contractors are expected to comply with the Immigration and Reform Control Act of 1986 (IRCA), as may be amended from time to time. This Act, with certain limitations, requires the verification of the employment status of all individuals who were hired on or after November 6, 1986, by the Contractor as well as any subcontractor or sub-subcontractor. The usual method of verification is through the Employment Verification (I-9) Form. With the submission of this bid, the Contractor hereby certifies without exception that Contractor has complied with all federal and state laws relating to immigration and reform. Any misrepresentation in this regard or any employment of persons not authorized to work in the United States constitutes a material breach and, at the State's option, may subject the contract to termination and any applicable damages.

Contractor certifies that, should it be awarded a contract by the State, Contractor will comply with all applicable federal and state laws, standards, orders and regulations affecting a person's participation and eligibility in any program or activity undertaken by the Contractor pursuant to this contract. Contractor further certifies that it will remain in compliance throughout the term of the contract.

At the State's request, Contractor is expected to produce to the State any documentation or other such evidence to verify Contractor's compliance with any provision, duty, certification, or the like under the contract.

Contractor agrees to include this Certification in contracts between itself and any subcontractors in connection with the services performed under this contract.

Signature, Title of Contractor

Date

State of Kansas
Fort Hays State University
DA-146a (Rev. 12/19)

CONTRACTUAL PROVISIONS ATTACHMENT

Important: This form contains mandatory contract provisions and must be attached to or incorporated in all copies of any contractual agreement. If it is attached to the vendor/contractor's standard contract form, then that form must be altered to contain the following provision:

"The Provisions found in Contractual Provisions Attachment (Form DA-146a, Rev. 12/19), which is attached hereto, are hereby incorporated in this contract and made a part thereof."

The parties agree that the following provisions are hereby incorporated into the contract to which it is attached and made a part thereof.

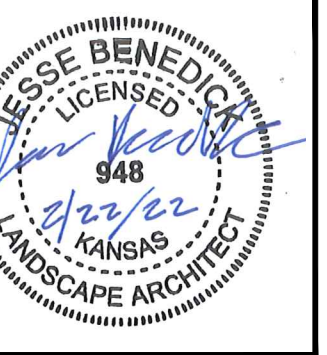
- 1. Controlling Provisions:** It is expressly agreed that the terms of each and every provision in this attachment shall prevail and control over the terms of any other conflicting provision in any other document relating to and a part of the contract in which this attachment is incorporated. Any terms that conflict or could be interpreted to conflict with this attachment are nullified.
- 2. Disclaimer Of Liability:** No provision of this contract will be given effect that attempts to require Fort Hays State University or any of its affiliates ("University") to defend, hold harmless, or indemnify any contractor or third party for any acts or omissions. The terms, conditions, and limitations of liability of the State of Kansas, the University, and their employees are defined under the Kansas Tort Claims Act (K.S.A. 75-6101 et seq.).
- 3. Termination Due To Lack Of Funding Appropriation:** If, in the judgment of the Director of Accounts and Reports, Department of Administration, sufficient funds are not appropriated to continue the function performed in this agreement and for the payment of the charges hereunder, the University may terminate this agreement at the end of its current fiscal year. The University agrees to give written notice of termination to contractor at least 30 days prior to the end of its current fiscal year, and shall give such notice for a greater period prior to the end of such fiscal year as may be provided in this contract, except that such notice shall not be required prior to 90 days before the end of such fiscal year. Contractor shall have the right, at the end of such fiscal year, to take possession of any equipment provided under the contract for which it has not been paid. The University will pay contractor all regular contractual payments incurred through the end of such fiscal year, plus contractual charges incidental to the return of any such equipment. Upon termination of the agreement under this provision, title to any such equipment shall revert to contractor at the end of the University's current fiscal year. The termination of the contract pursuant to this paragraph shall not cause any penalty to be charged to the agency or the contractor.
- 4. Kansas Law and Venue:** All matters arising out of or related to this agreement shall be subject to, governed by, and construed according to the laws of the State of Kansas, and jurisdiction and venue of any suit arising out of or related to this agreement shall reside only in courts located in the State of Kansas.
- 5. Required Non-Discrimination Provision:** Contractor agrees to comply with all applicable state and federal anti-discrimination laws. Contractor specifically agrees: (a) to comply with the Kansas Act Against Discrimination (K.S.A. 44-1001 et seq.) and the Kansas Age Discrimination in Employment Act (K.S.A. 44-1111 et seq.) and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101 et seq.) (ADA) and to not discriminate against any person because of race, religion, color, sex, disability, national origin or ancestry, or age in the admission or access to, or treatment or employment in, its programs or activities; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission or if it is determined that the contractor has violated applicable provisions of ADA, such violation(s) shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the University. The provisions of this paragraph (except the provisions relating to the ADA) are not applicable to a contractor who employs fewer than four employees during the term of such contract or whose contracts with the University cumulatively total \$5,000 or less during the fiscal year.

Contractor shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take

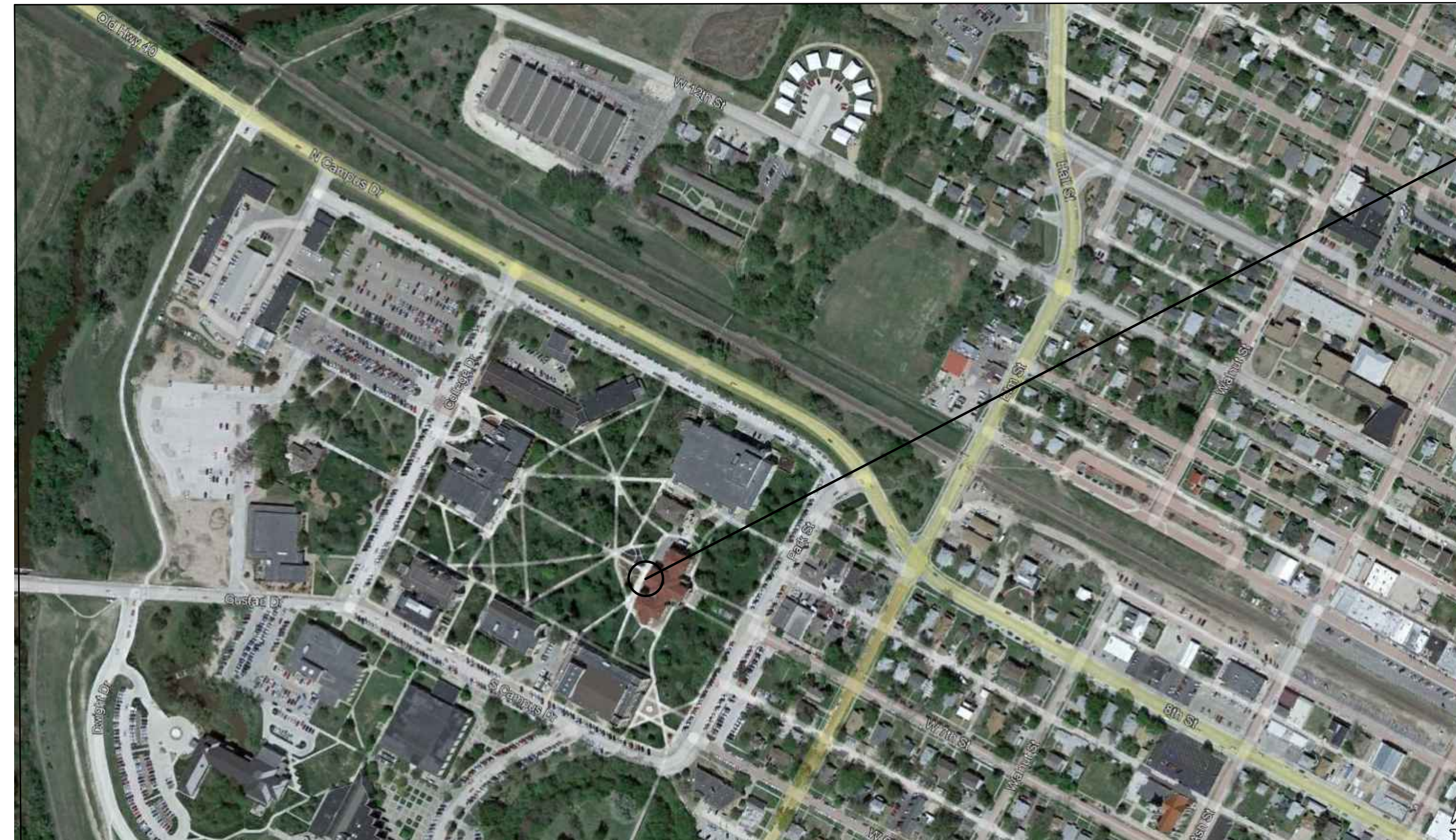
affirmative action to employ and advance individuals in employment without regard to race, color, religion, sex, national origin, protected veteran status or disability.

6. **Acceptance Of Contract:** This contract shall not be considered accepted, approved or otherwise effective until the statutorily required approvals and certifications have been given.
7. **Arbitration, Damages, Warranties:** Notwithstanding any language to the contrary, no interpretation of this contract shall find that the University has agreed to binding arbitration, or the payment of damages or penalties. Further, the University does not agree to pay attorney fees, costs, or late payment charges beyond those available under the Kansas Prompt Payment Act (K.S.A. 75-6403), and no provision will be given effect that attempts to exclude, modify, disclaim or otherwise attempt to limit any damages or rights of action available to the University at law, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.
8. **Authority To Contract:** By signing this contract, the representative of the contractor thereby represents that such person is duly authorized by the contractor to execute this contract on behalf of the contractor and that the contractor agrees to be bound by the provisions thereof.
9. **Responsibility For Taxes:** The University shall not be responsible for, nor indemnify a contractor for, any federal, state or local taxes which may be imposed or levied upon the subject matter of this contract.
10. **Insurance:** The University shall not be required to purchase any insurance against loss or damage to property or any other subject matter relating to this contract, nor shall this contract require the University to establish a "self-insurance" fund to protect against any such loss or damage.
11. **Information/Confidentiality:** As a state agency, the University's contracts are generally public records. Accordingly, no provision of this contract shall restrict the University's ability to produce this contract in response to a lawful request or from otherwise complying with the Kansas Open Records Act (K.S.A. 45-215 et seq.). Moreover, no provision of this contract shall be construed as limiting the Legislative Division of Post Audit from having access to information pursuant to K.S.A. 46-1101 et seq.
12. **The Eleventh Amendment:** The Eleventh Amendment is an inherent and incumbent protection of the State of Kansas and need not be reserved, but the University here reiterates that nothing in or related to this contract shall be deemed a waiver of the Eleventh Amendment.
13. **Campaign Contributions / Lobbying:** Funds provided through a grant award or contract shall not be given or received in exchange for the making of a campaign contribution. No part of the funds provided through this contract shall be used to influence or attempt to influence an officer or employee of any State of Kansas agency or a member of the Legislature regarding any pending legislation or the awarding, extension, continuation, renewal, amendment or modification of any government contract, grant, loan, or cooperative agreement.
14. **Privacy of Student Records:** Contractor understands that the University is subject to FERPA (Family Educational Rights and Privacy Act, 20 U.S.C. § 1232g) and agrees to handle any student education records it receives pursuant to this Agreement in a manner that enables the University to be compliant with FERPA and its regulations. Contractor agrees to protect the privacy of student data and educational records in a commercially reasonable manner and shall not transmit, share, or disclose any data about a student without the student's written consent, except to other University officials who seek the information within the context of his/her professionally assigned responsibilities and used within the context of official University business. Contractor shall promptly report to the University any disclosure of University's student educational records.
15. **Boycotts of Israel Prohibited:** Kansas 2018 HB 2482 generally prohibits the University from entering into a contract with a company to acquire or dispose of services, supplies, information technology or construction, unless such company submits a written certification that such company is not currently engaged in a boycott of Israel. For the purposes of this Section, "company" means an organization, association, corporation, partnership, venture or other entity, its subsidiary or affiliate, that exists for profitmaking purposes or to otherwise secure economic advantage. Accordingly, by executing this contract, Contractor hereby certifies that it is not currently engaged in a boycott of Israel.
16. **Harassment Policy:** Fort Hays State University prohibits sexual harassment, discrimination, and retaliation. The University's applicable policies on sexual harassment, discrimination, and retaliation are available at <https://fhsu.edu/policies/documents/harassment-policy/index.pdf> and include the procedures for submitting a complaint of sexual harassment, discrimination, or retaliation, including an anonymous complaint. Contractor and its employees, officials, agents, or subcontractors shall at all times comply with the University's policies on sexual harassment, discrimination, and retaliation.

PICKEN HALL LANDSCAPE IMPROVEMENTS FORT HAYS STATE UNIVERSITY Hays, KS



Picken Hall Landscape Improvements Plan
 Fort Hays State University



Project Location

LOCATION MAP

INDEX OF SHEETS

- L-1 Existing Conditions/Demolition
- L-2 Site Improvements
- L-3 Landscape Details and Specifications

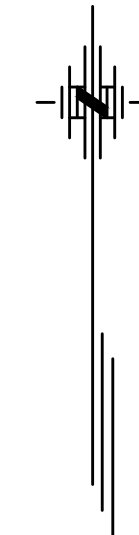
CONTACT INFORMATION

Fort Hays State University Facilities
 Dana A Cunningham RA, AUA
 Director, Facilities Planning
 Fort Hays State University
 785-628-4424

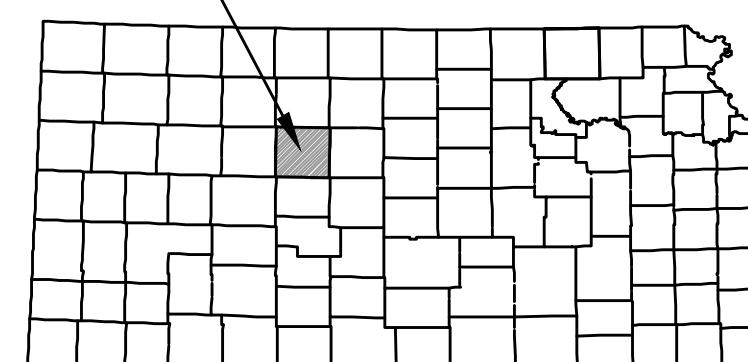
Jesse Benedick
 Professional Landscape Architect
 Schwab Eaton P.A.
 Beloit, KS
 785-738-2725

LEGEND

- EXISTING TREE/SHRUB
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING FIBER OPTIC
- EXISTING UNDERGROUND GAS
- EXISTING CITY WATER LINE
- EXISTING UNDERGROUND ELECTRIC



Ellis County



NOTE:

The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The contractor is responsible for contacting all utility companies for field location of all underground utility lines prior to any excavation and for making his own verification as to the type and location of underground utilities as may be necessary to avoid damage thereto.

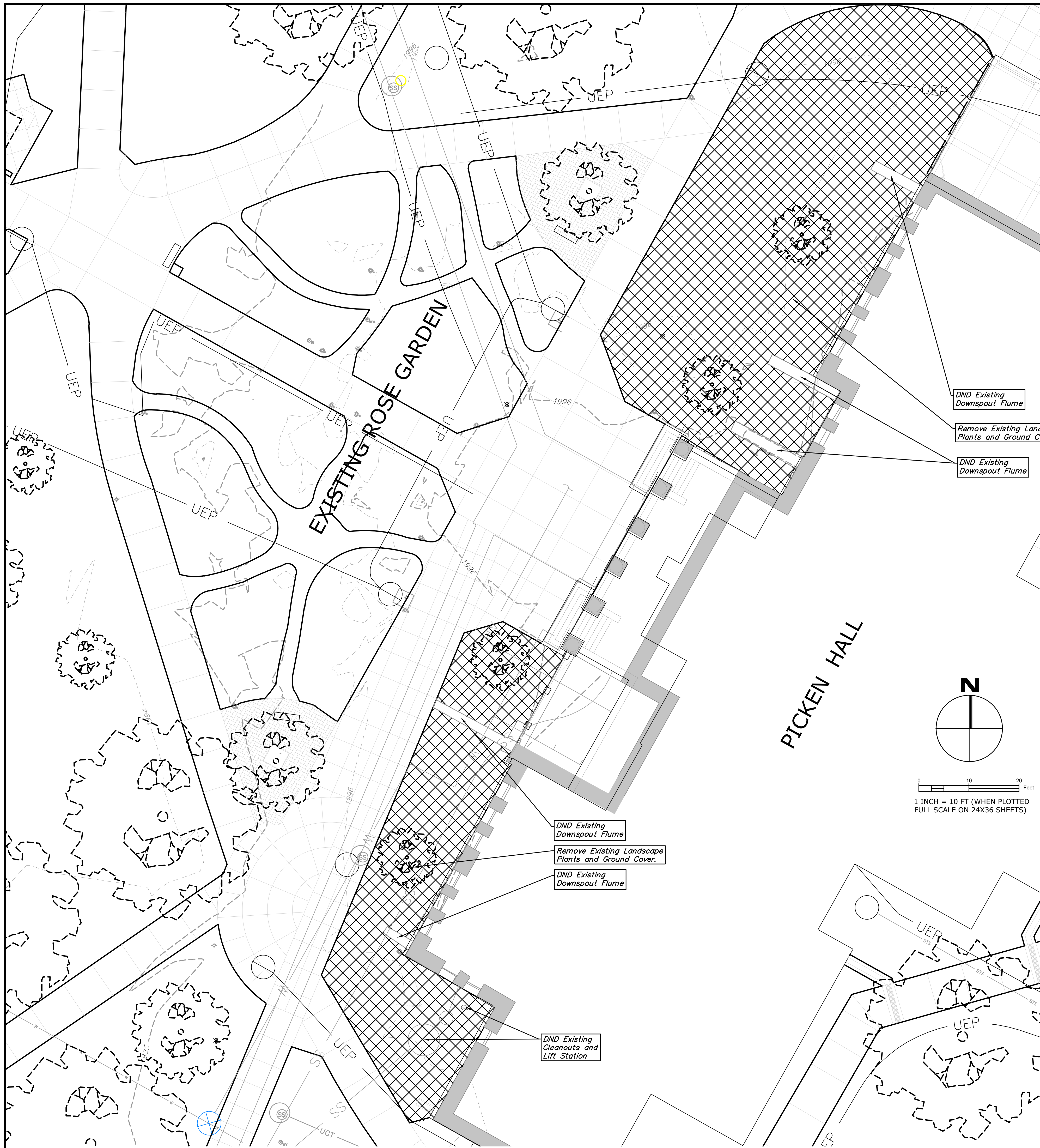


CIVIL ENGINEERS | LAND SURVEYORS | LANDSCAPE ARCHITECTS
 1125 GARDEN WAY | MANHATTAN, KANSAS | P. 785.539.4687
 101 S. Mill Street | BELOIT, KANSAS | P. 785.738.2725

Revisions:

Date:
 Feb. 2022
 Schwab-Eaton
 Project Number:
 20.004A
 Drawn By:
 JGB
 Checked By:
 JG


Sheet Name:
 Title Page
 Sheet No.:

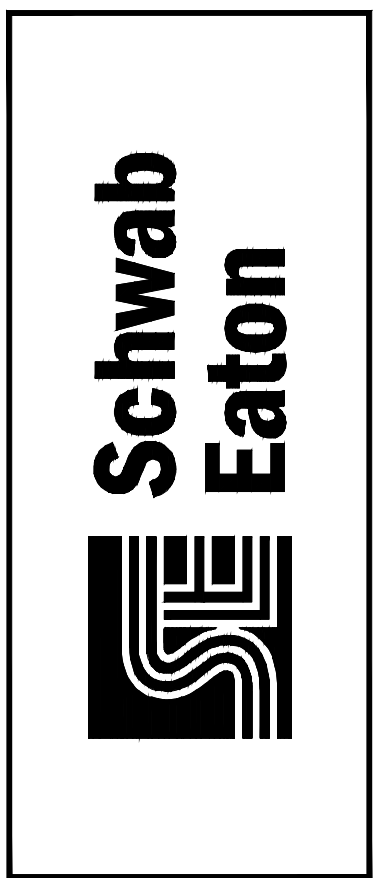


LANDSCAPE DEMOLITION NOTES:

1. Demolition activities shall be coordinated to make every reasonable effort to avoid disrupting safe public access into existing facilities surrounding the work area. Coordinate & schedule with FHSU during project construction.
2. No demolition activities shall take place within the rose garden planting areas.
3. The Contractor shall field verify the actual locations, bury depths and sizes of all existing utilities prior to commencing construction activities. He shall contact the Kansas One-Call system a minimum of three full business days prior to Work to request marking of utilities by the respective utility owners. The Contractor shall directly contact all utility owners not subscribing to the One-Call system.
4. All necessary erosion control measures shall be taken to prevent soil erosion and sedimentation outside of the Limits of Construction.
5. See Specifications on L-3.

DEMOLITION LEGEND

 Remove existing plant materials and ground cover materials



Picken Hall Landscape Improvements Plan
 Fort Hays State University

Revisions:
 Date: Feb. 2022
 Schwab-Eaton Project Number: 20.004A
 Drawn By: JGB
 Checked By: JG

Sheet Name: Existing & Demolition
 Sheet No.: L-1



SITE IMPROVEMENT NOTES:

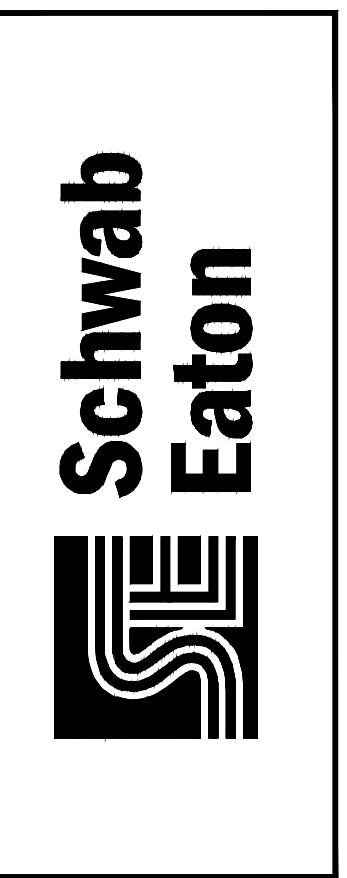
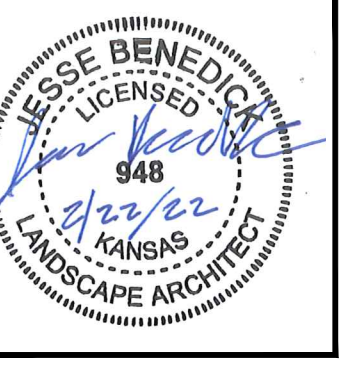
1. The Contractor/Landscaper shall field verify site conditions before submitting a final bid and make clarifications within said bid if necessary.
2. Construction activities shall be coordinated to make every reasonable effort to avoid disrupting safe public access into existing facilities surrounding the work area. Coordinate & schedule with Fort Hays State University Facilities regarding any imminent disruption of utility service or work within the access roads during project construction.
3. The Contractor shall maintain positive drainage away from Picken Hall. Finish grades below window thresholds and along the base of the building shall match existing grades.
4. The Contractor shall provide drip irrigation for all new plantings. Coordinate with FHSU Grounds Dept. for water supply point of connection to well water supply. See specifications on L-3.
4. Although the Drawings show locations of existing and proposed utilities, such is shown for informational purposes only and the accuracy and completeness has not been determined by the Landscape Architect. Actual locations may differ and other utilities not shown thereon may exist within the area of Work. Therefore the Contractor shall be fully responsible for field verifying the actual locations of all existing utilities prior to construction and shall immediately notify the Landscape Architect regarding any discrepancies found that will impede the Contractor's ability to perform his Work.
5. Existing Irrigation: Rotor Irrigation may be present in this site location.
 - a. The Contractor shall contact FHSU Grounds Department prior to construction for a field meeting to identify controller and control valve locations and approximate limits of the respective irrigation system. The Contractor shall identify existing sprinkler head locations and pipe routing. Any damage to the existing system resulting from the Contractor's operations shall be immediately repaired at the Contractor's expense.
 - b. Modifications may be required in head placement, adding heads (and piping) and adding zones to accommodate and serve the Landscape Improvements shown in the Drawings. Where such conditions are encountered, the Contractor shall notify the Landscape Architect and submit a proposed shop drawing or description of the modification along with the complete cost of the modification. The submittal will be reviewed by the Landscape Architect and the Owner. If accepted, the Landscape Architect will either prepare a Change Order for processing or issue a Field Order noting acceptance and authorizing the Contractor to proceed with the understanding that the Scope of Work described in the Field Order will be incorporated in a forthcoming Change Order.

NORTH PLANTING SCHEDULE

Symbol	Abbreviation - Common Name - Scientific Name	Quantity	Size
TREES			
	AB - Autumn Brilliance Amelanchier - Amelanchier x grandiflora	1	2" Cal. 10' ht.
	CB - Colorado Blue Spruce - Picea pungens gluca 'Baby Blue'	4	3" Cal., 8' ht.
	BM - Betty Magnolia - Magnolia Betty	1	5 Gal., 4' ht.
	PS - Purple Spire Columnar Crabapple - Malus 'Jefspire'	1	2" Cal. 8' ht.
SHRUBS			
	WE - Burning Bush - Euonymus alatus	4	3 Gal., 3' ht.
	ME - Euonymus kiautschovicus 'Manhattan'	10	3 Gal., 1.5' ht.
	BB - Beauty Berry - Callicarpa americana L.	14	3 Gal., 1.5' ht.
	BT - Picea pungens 'Blue Totem'	6	5 Gal., 4-5' ht.
	SS - Merlot Virginia Sweetspire - Itea virginica 'Merlot'	20	1 Gal., 1' ht.
	GC - Ground Cotoneaster - Cotoneaster horizontalis var. perpusillus	21	1 Gal., 2' sp.
	EJ - Effusa Juniper - Juniperus communis 'Effusa'	21	3 Gal., 2' sp.
	SO - Choralberry - Symphoricarpos orbiculatus	37	1 gal. 1' ht.
PERENNIALS			
	SD - Stella De Oro Daylily - Hemerocallis x 'Stella de Oro'	27	1 qt.
	BL - Big Blue Liriope - Liriope musari 'Big Blue'	66	1 qt.
	PD - Dwarf Prairie Dropseed - Sporobolus heterolepis 'Tara'	34	1 qt.

GROUND COVER LEGEND

	Red-Dyed Hardwood Mulch (Rose Garden)
	Aggregate Mulch (River Rock) - Type I: 5"-8" DIA Voids filled with Type II River Rock
	Aggregate Mulch (River Rock) - Type II, 0.5"-3" Egg Rock

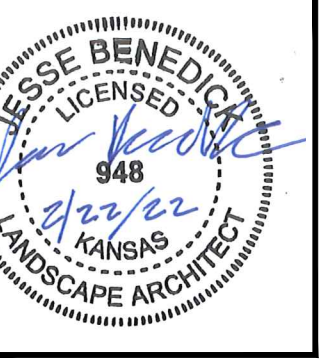


Picken Hall Landscape Improvements Plan
 Fort Hays State University

Revisions:

 Date:
 Feb. 2022
 Schwab-Eaton
 Project Number:
 20.004A
 Drawn By:
 JGB
 Checked By:
 JG

Sheet Name:
 Landscape
 Improvements
 Sheet No.:
L-2



Revisions:

Date: Feb. 2022

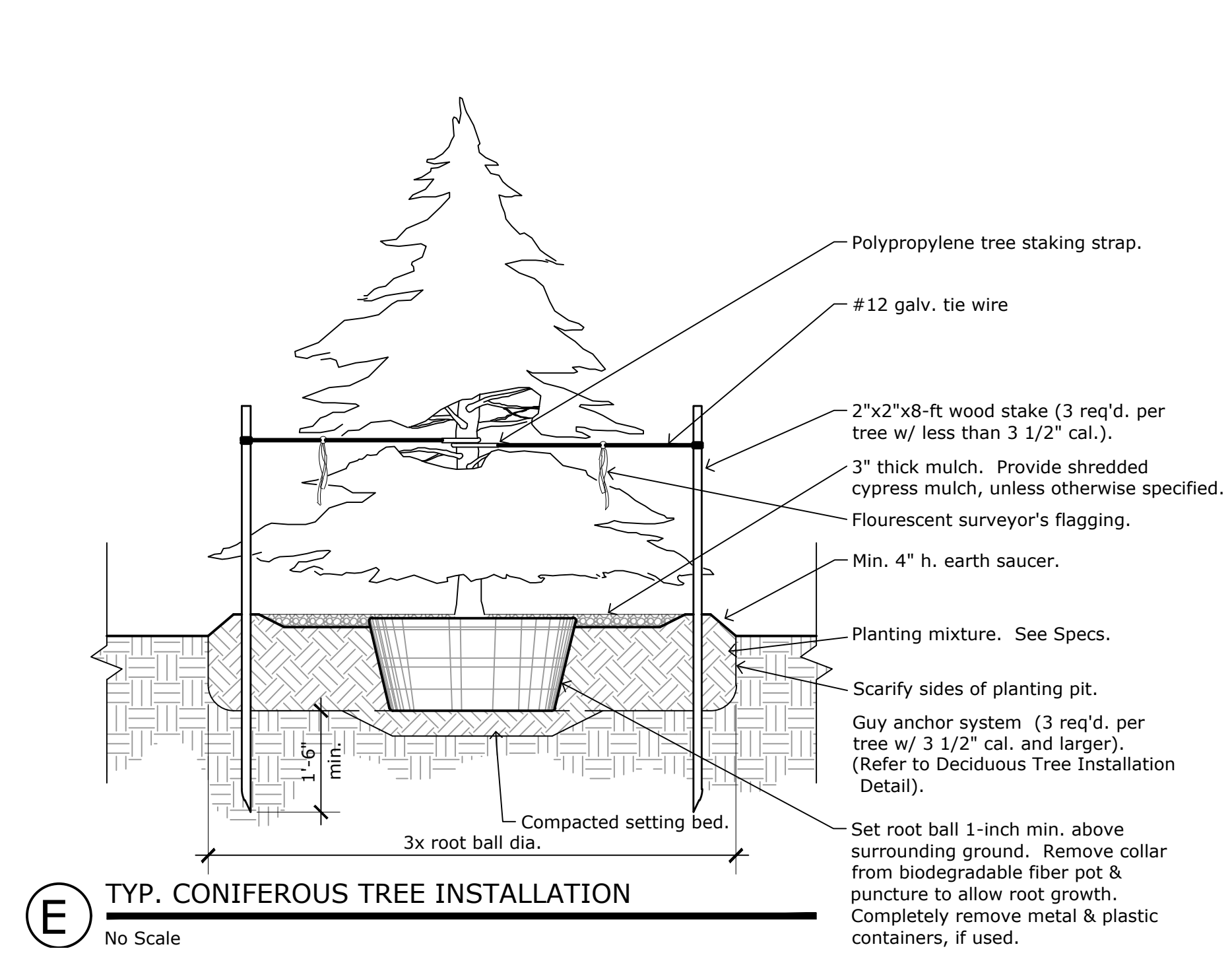
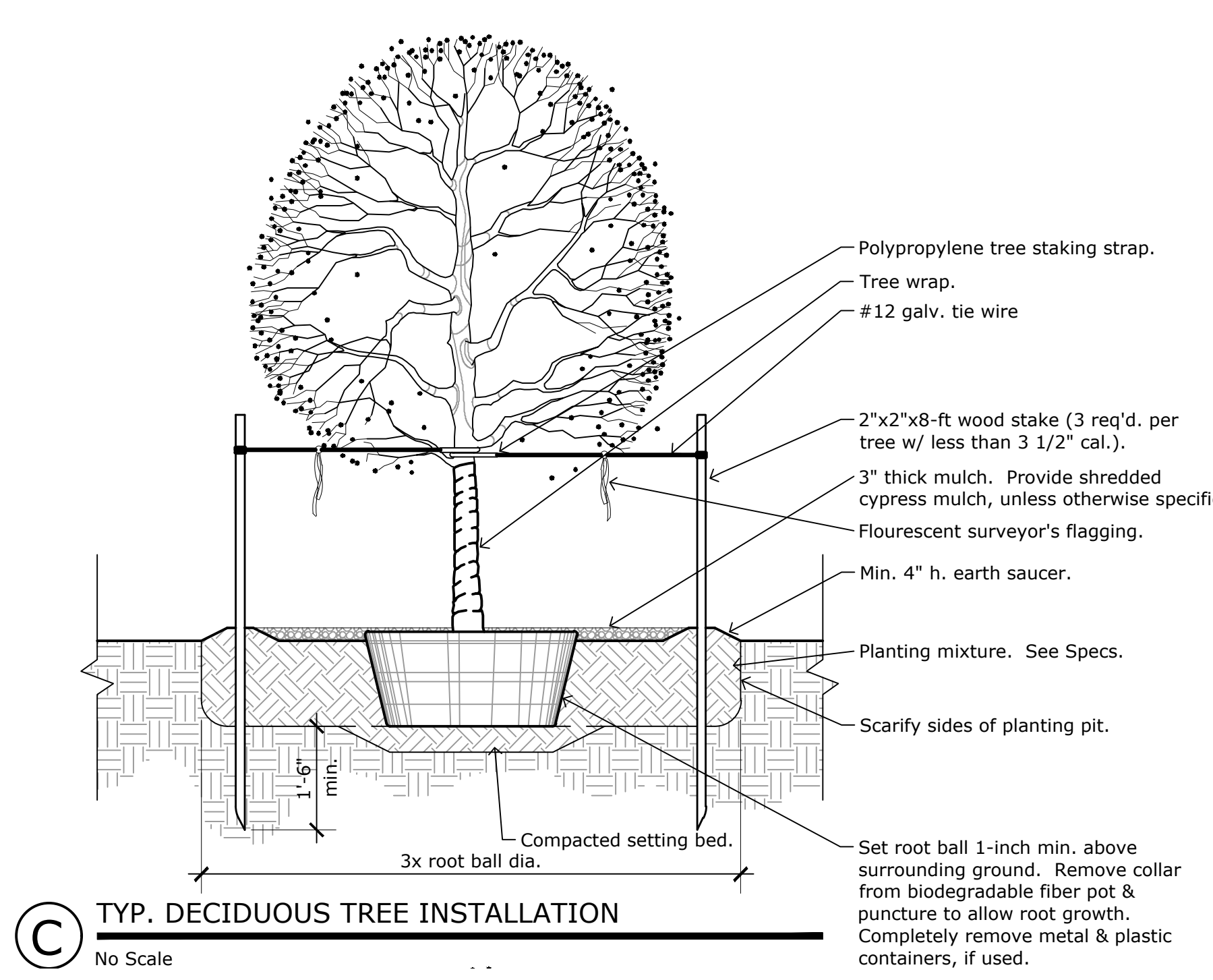
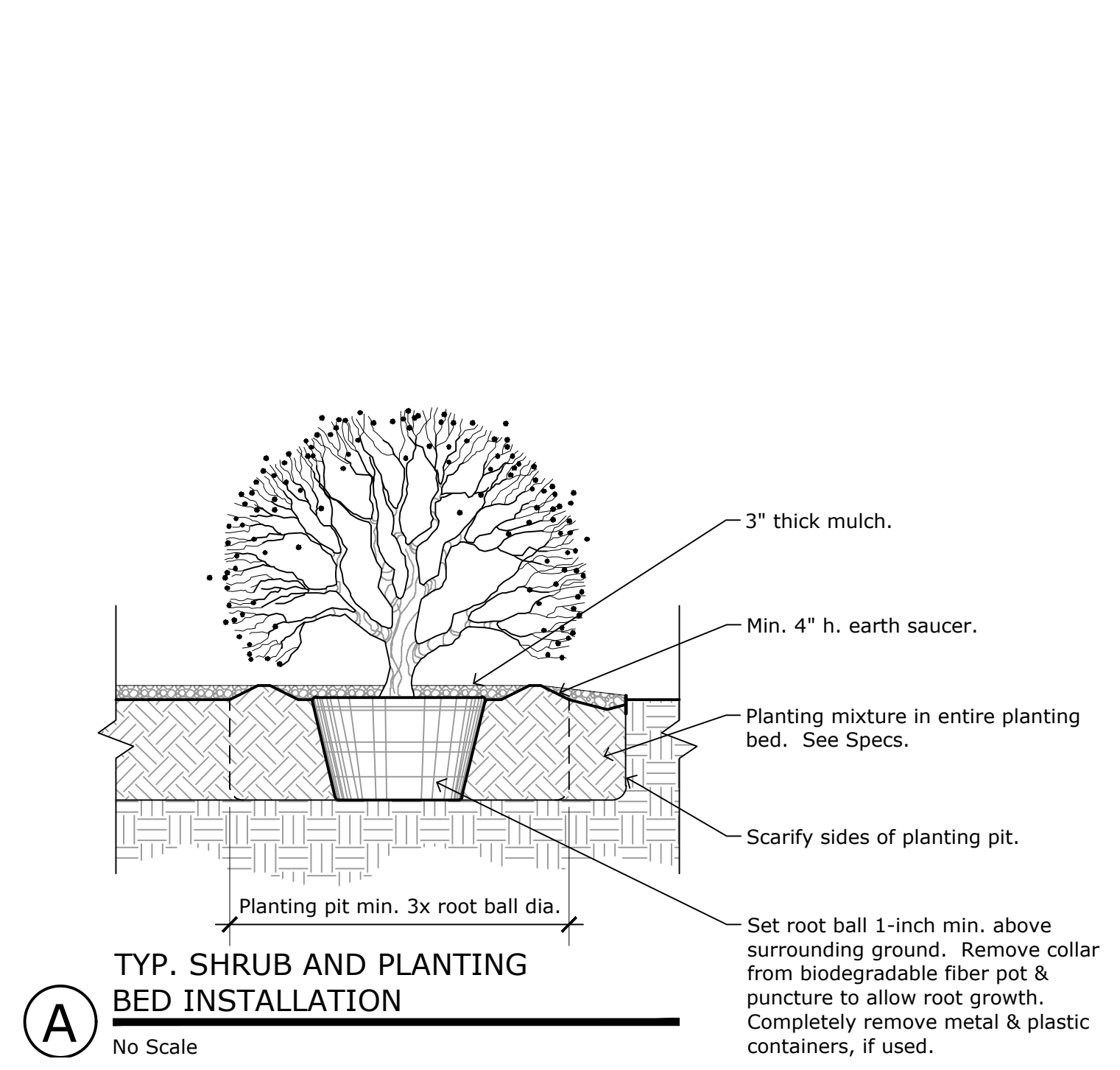
Schwab-Eaton Project Number: 20.004A

Drawn By: JGB

Checked By: JG

Sheet Name: Landscape Details

Sheet No.: L-3



SITE DEMOLITION SPECIFICATION

- PART 1 - GENERAL**
- 1.1 SCOPE OF WORK:
- A. Provide all labor, materials, and equipment necessary for all site preparation and incidental demolition Work.
- PART 2 - MATERIALS**
- 2.1 DEMOLITION MATERIALS:
- A. Topsoil: Reusable topsoil stripped during site clearing, having the following characteristics:
 - A. Containing between 1% and 8% organic matter by weight.
 - B. Free of subsoil, heavy roots, grass, excessive weeds and gravel, large stones, broken glass, debris, and toxic substances.
 - B. Landscape Rock: Reusable landscape rock exists on site. It is to be collected, salvaged and returned to FHSU for their use.
- PART 3 - EXECUTION**
- 3.1 PREPARATION AND CLEARING:
- A. Verify all utility depths and locations prior to commencing Work.
 - B. Notify utility companies regarding abandonment of existing utilities and verify the status thereof.
 - C. Protect existing improvements to remain from damage during demolition/construction.
 - D. Protect existing trees (and their root zones) and other landscaping to remain from damage during demolition/construction.
 - E. Remove trees, shrubs, grass and other vegetation, improvements or obstructions that interfere with new construction. Removal includes new and old tree stumps and their roots. Fill and compact to a density equal to adjacent original ground, all depressions caused by clearing and grubbing unless further excavation or earthwork is indicated.
 - F. Stockpile topsoil in area(s) on site where it will not interfere with drainage, construction, or utility operations. No topsoil shall be removed from site until restoration of topsoil to all landscape areas is completed and reviewed by the Engineer and/or Landscape Architect.
- 3.2 SALVAGEABLE ITEMS:
- A. Carefully remove landscape rock indicated to salvaged. Store and protect for reinstallation. Items indicated to salvaged but not specified for reinstallation shall be delivered to the Owner.
- 3.3 DEMOLITION:
- A. Conduct demolition in a manner as to minimize interference with adjacent structures.
 - B. Cease operations immediately if adjacent structures appear to be in danger. Notify Architect/Engineer. Do not resume operations until directed.
 - C. Conduct operations with minimum interference to public or private accesses. Maintain protected egress and access at all times.
 - D. Rough grade and compact areas affected by demolition to maintain drainage, site grades and contours.
 - E. Remove demolished materials from site, unless otherwise specified.
 - F. Do not burn or bury materials on site. Leave site in clean condition.
 - G. Remove temporary work, unless otherwise specified.

IRRIGATION SPECIFICATIONS

- PART 1 - GENERAL**
- 1.1 SCOPE OF WORK:
- A. The Contractor shall provide a complete turnkey drip irrigation system and furnish all labor, materials, and equipment for proper installation of the system. This Work includes, but is not limited to, the following:
 1. Providing a system design.
 2. Permitting and Fees.
 3. Trenching and backfill.
 4. Installation of complete irrigation system.
 5. Testing of all systems and make operative.
 6. First year winterization and following spring system startup.
 - B. System Designer Qualifications: Irrigation designer shall be a certified irrigation designer through the Irrigation Association or other design professional with extensive experience in the design of commercial irrigation systems. Evidence of certification or design experience shall be provided. Designer shall have a minimum of three years of experience and have successfully designed a minimum of ten systems of similar or larger size and scope as that required for this Project.
 - C. All irrigation Work shall be performed by a professional irrigation company.
 1. Company shall have successfully installed a minimum of five irrigation systems of similar size with similar components within the past three years.
 2. Final acceptance may be obtained from the Owner upon the satisfactory completion of all Work.
- 1.2 GUARANTEE:
- A. All work shall be guaranteed against all defects in material, equipment and workmanship. Warranty period shall be a minimum of 12 months from date of acceptance and shall be extended as required to include a complete winterization and spring start-up cycle following initial operation of the system.
 - B. Longer manufacturers' warranties shall be so honored.
- 1.3 REGULATORY REQUIREMENTS:
- A. Conform to all applicable federal, state, and local codes and ordinances regarding piping and component requirements, backflow prevention, and protection of potable water supply.
- 1.4 SUBMITTALS:
- A. Shop Drawing: Scalable irrigation system layout showing the following information:
 1. Locations of point of service connection, master valve, and each irrigation zone, zone valve, quick coupler valve and other incidental items.
 2. Piping layout showing locations of pipe tees and reducers and legend or notes identifying each pipe type, class and size.
- PART 2 - MATERIALS**
- 2.1 PIPING:
- A. All pressure pipe between the p.o.c. and zone valves shall be Class 200 PVC pipe; ASTM D2241, except where otherwise specified or shown on the Drawings.
 - B. All zone pipe downstream from the zone valve shall be Class 160 PVC pipe; ASTM D2241.
 - C. PVC Pipe joints:
 1. 2-inch Pipe Diameter and Larger: Solvent-weld or integral bell with elastomeric gasket meeting ASTM F477.
 2. Less than 2-inch Pipe Diameter: Solvent-weld.
- 2.2 FITTINGS:
- A. Fittings and couplings shall be compatible with the respective pipe or component to which it is connected.
 1. PVC Pipe (ASTM D2251):
 - a. Schedule 40 PVC pressure fittings; meeting ASTM D2466 and D1784, solvent-weld or slip-on joints.
 - B. Provide dielectric fittings when connection materials of dissimilar metals.
- 2.3 SOLVENT CEMENT:
- A. As recommended by pipe manufacturer. Compatible with PVC pipe and of proper consistency.
- 2.4 DRIP IRRIGATION COMPONENTS:
- A. Flow Control Zone Kit:
 1. Operating Range: 3 to 15 gpm with inlet pressure of between 20 and 150 psi.
 2. Valve: Solenoid operated control valve, heavy-duty plastic body.
 3. Filter: pressure regulating, heavy-duty plastic housing, replaceable #200 mesh stainless steel screen.
 - B. Dripline: Polyethylene tubing with pressure-compensating, low-volume emitters integrated within the tubing at an even spacing; internal check valve; providing uniform water distribution rate between operating pressures of 20 and 60 psi.
- 3.1 GUARANTEE:
- A. All work shall be guaranteed against backfill settlement and against all defects in material, equipment and workmanship for the period specified in PART 1 - GENERAL. Any leaks resulting from said defects shall be immediately repaired at no additional cost to the Owner.
 - B. The Contractor shall assist the Owner in system winterization and spring start-up occurring during the warranty period.

TREES, SHRUBS, AND GROUND COVER SPECIFICATIONS

- PART 1 - GENERAL**
- 1.1 SCOPE OF WORK:
- A. Provide all labor, materials, and equipment necessary for installation of all plantings and related work.
 - B. The use of all fertilizers and pesticides shall be in strict conformance with all applicable local, state, and federal laws and regulations.
- 1.2 WARRANTY:
- A. Provide written warranty commencing against death, disease, insect damage, and unsatisfactory growth, except as would result from vandalism or Owner's neglect. The warranty shall be a full 12 months commencing after the latest of the following:
 1. Completion of all landscape installation activities.
 2. Project Substantial Completion.
 - B. Replacements: Healthy plants of same size and species as specified, planted in the next growing season following Warranty Period and in accordance with these Specifications.
- 1.3 SUBMITTALS:
- A. Submit list of all names, sizes, quantities and sources of plant materials.
- PART 2 - MATERIALS**
- 2.1 TREES, SHRUBS, AND GROUND COVER:
- A. Trees, shrubs, and ground cover: Species and size identifiable in plant schedule, grown in climatic conditions similar to those in locality of the Work. All plants shall be in compliance with ANSI Z60.1. Provide healthy, vigorous stock, free of disease, insects, eggs, and defects such as knots, sun-scald, injuries, abrasions or disfigurement. Plants shall be well-formed, uniformly branched, consistent in size and quality. Trees shall have straight trunks with a central leader in canopy.
 - B. No substitutions of plant species, cultivar, size, etc., shall be permitted without prior written authorization by Landscape Architect.
- 2.2 SOIL MATERIALS:
- A. Topsoil: See Section 31 2200 - EARTHWORK.
- 2.3 SOIL AMENDMENT MATERIALS:
- A. Mycorrhizal Fungi: Endo (arbuscular) mycorrhizal inoculum meeting the following:
 1. Inoculum shall contain propagules of viable spores, mycelium, and/or mycorrhizal root fragments in a granular or powder form suitable for broadcasting.
 - 2.
 3. Provide inoculum from one of the following: or acceptable equivalent:
 - a. Plant Health Care, Inc., Pittsburg, PA (Tel: 800.421.9051).
 - b. BioNet, LLC (Tel: 877.777.8327).
 - c. Mycorrhizal Applications, Inc., Grants Pass, OR (Tel: 541.476.3985).
 - d. Bio-Plex, Manheim, PA (Tel: 800.441.3573).
- 2.4 MULCH MATERIALS:
- A. Mulching Material:
 1. Red Dyed Organic Mulch: Product produced from pest-free hardwood consisting of wood shavings, ground bark, cellulose fiber dust, free of ingredients inhibiting growth or germination. Provide the following:
 - a. Red dye to match existing red mulch in the existing rose garden.
 - b. Cypress (*Taxodium distichum*) Mulch: Premium grade, fine textured, uniformly shredded cypress bark and cypress wood.
 2. Aggregate Mulch Type I: Clean, rounded, washed river rock meeting the following:
 - a. Size: ~5'-8" Large Egg Rock
 3. Aggregate Mulch Type II: Clean, rounded, washed river rock meeting the following:
 - b. Size: ~0.5'-3" Small Egg Rock
 - B. Weed Control Mat:
 1. Provide weed control mat below aggregate mulched areas.
 2. Permeable, UV resistant, needle-punched, woven, polypropylene landscape fabric; minimum 20-year warranty; meeting the following:
 - a. Weight: 4.0 oz/sq. yd. min, based on ASTM D5261.
 - b. Water Flow: 0 gpm/sq. ft. min, based on ASTM D4491.
 - c. Product: Provide DeWitt 20-Year Weed Barrier; or acceptable equivalent.
- 2.5 EDGING:
- A. Provide edging between different types/sizes of ground covers.
 - B. Edging material: Commercial grade, 1/4-inch x 4-inch, powder-coated steel edging. Color to be selected by the Landscape Architect from the manufacturer's standard colors. Provide edging product as manufactured by any of the following, or acceptable equivalent:
 1. Collier Metal Specialties, "Col-Met" (Tel: 800.829.8225)
 2. Coyote Landscape Products, "ToughEdge" (Tel: 800.321.1115)
 3. Sure-Loc Edging Corporation (Tel: 800.787.3562).