

# EXHIBIT B

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## **Phoenix Library Landscape Design** **Jackson County Library Services**

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510 W 1st, Phoenix, OR 97535

**LANDSCAPE BID SET**  
**11/19/2025**

## VICINITY MAP



## PROJECT ADDRESS:

Phoenix Public Library  
510 W 1st Street  
Phoenix, OR 97535

## PROJECT SUMMARY:

INSTALLATION OF A NEW POLLINATOR GARDEN AND GATHERING SPACE AT THE EXISTING PUBLIC LIBRARY, INCLUDING THE CONSTRUCTION OF ACCESSIBLE PATHWAYS AND RENOVATION OF EXISTING ACCESSIBLE ROUTES. ADDITIONAL WORK INCLUDES DRAINAGE IMPROVEMENTS, ENHANCED PLANTING, AND IRRIGATION SYSTEMS.

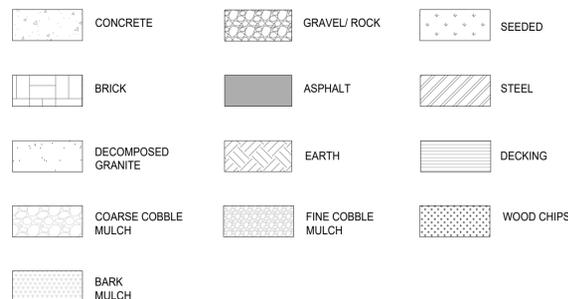
## PROJECT TEAM

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**Crystal Zastera**, Operations Coordinator

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**Shelby Scharen**, Principal Landscape Architect

## MATERIALS LEGEND



## PROJECT NOTES

1. THE CONSTRUCTION CONTRACT IS FOR THE CONSTRUCTION OF A COMPLETE AND FULLY FUNCTIONING INSTALLATION. THESE DOCUMENTS DESCRIBE THE DESIGN INTENT AND SPECIFIC REQUIREMENTS OF THE INSTALLATION. THESE DOCUMENTS DO NOT INTEND TO SHOW EVERY ITEM REQUIRED TO CONSTRUCT THE WORK. ITEMS SUCH AS FASTENERS, CONNECTORS, FILLERS, MISCELLANEOUS CLOSURE ELEMENTS, ANCILLARY CONTROL WIRING AND POWER WHERE REQUIRED FOR THE CONTROL OR OPERATION OF THE PROVIDED EQUIPMENT ARE NOT ALWAYS SHOWN BUT ARE CONSIDERED INCLUDED IN THE SCOPE OF THE WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A FULLY FUNCTIONING INSTALLATION WHICH MEETS THE DESIGN INTENT, INCLUDING THE SPECIFIC REQUIREMENTS INCLUDED IN THESE DOCUMENTS.
2. ALL ITEMS IN THESE DOCUMENTS ARE NEW UNLESS OTHERWISE NOTED.
3. THESE DOCUMENTS DESCRIBE A SINGLE CONSTRUCTION CONTRACT. THE USE OF SUBCONTRACTORS IS THE ELECTION OF THE CONTRACTOR.
4. ITEMS INDICATED IN THIS SET NOTED "BY OWNER" ARE NOT IN THE CONTRACT (N.I.C.)
5. UNLESS OTHERWISE NOTED, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS TO REVIEW ALL DRAWINGS, PROJECT MANUAL, ADDENDA, ETC. IN ORDER TO ASSURE THE COORDINATION OF ALL WORK AFFECTING EACH TRADE. FAILURE TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS BY THE GENERAL CONTRACTOR WITH ALL THE SUBCONTRACTORS FOR APPLICABLE ITEMS OF THE WORK SHALL NOT RELIEVE THE RESPONSIBLE PARTY FROM PERFORMING ALL WORK SO REQUIRED AS PART OF THE CONTRACT.
6. UNLESS OTHERWISE NOTED, THE PROJECT MANUAL, WHICH INCLUDES THE GENERAL CONDITIONS, SUPPLEMENTAL CONDITIONS, AND TECHNICAL SPECIFICATIONS, AND THE DRAWINGS ARE COMPLEMENTARY AND TOGETHER DESCRIBE THE PROJECT REQUIREMENTS. WHERE THERE ARE DISCREPANCIES BETWEEN THE PROJECT MANUAL AND THE DRAWINGS, THE CONTRACTOR SHALL ADVISE THE ARCHITECT AND REQUEST A CLARIFICATION. THE ORDER OF PRECEDENCE BETWEEN THE DRAWINGS AND THE PROJECT MANUAL IS AS DEFINED IN THE PROJECT MANUAL.
7. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL LAYOUT AND SEQUENCE THE INSTALLATION OF THE WORK SO THAT THE DIFFERENT SYSTEMS DO NOT OBSTRUCT THE INSTALLATION OF SUCCESSIVE WORK.
8. REFER TO THE PROJECT MANUAL FOR SPECIFICATIONS, GENERAL INFORMATION, PRODUCTS AND EXECUTION REQUIREMENTS. REQUIREMENTS OF THE SPECIFICATIONS APPLY TO ALL ASPECTS OF THE WORK AND ARE INCLUDED AS ADDITIONAL INFORMATION FOR EACH ITEM SPECIFIED. IF DISCREPANCIES EXISTS BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE MORE STRINGENT REQUIREMENTS SHALL PREVAIL. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES.
9. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS WILL VISIT THE SITE PRIOR TO BIDDING IN ORDER TO FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE IMPACT OF THE PROPOSED NEW WORK, INDICATED ON THE DRAWINGS AND SPECIFICATIONS. ON THESE CONDITIONS. ANY QUESTIONS REGARDING THE COORDINATION OF NEW WORK OR EXISTING CONDITIONS MUST BE SUBMITTED TO THE OWNER'S REPRESENTATIVE IN WRITING PRIOR TO BID SUBMISSION AND WITH ADEQUATE TIME FOR RESPONSE TO ALL BIDDERS. THE OWNER'S REPRESENTATIVE WILL RESPOND TO QUESTIONS, SUBMITTED IN A TIMELY MANNER, WITH WRITTEN CLARIFICATIONS FORWARDED TO ALL BIDDERS.
10. THE EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS ARE ASSUMED TO BE ACCURATE BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL, PRIOR TO THE START OF CONSTRUCTION, VERIFY ALL EXISTING CONDITIONS, PROVIDE A COMPLETE FIELD LAYOUT ON THE JOB SITE, AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEVIATIONS OR CONFLICTS WITH THESE DRAWINGS.
11. THE DRAWINGS SHALL NOT BE SCALED. THE GENERAL CONTRACTOR SHALL REFER TO THE DIMENSIONS INDICATED OR THE ACTUAL SIZES OF CONSTRUCTION ITEMS. WHERE NO DIMENSIONS OR METHOD OF DETERMINING A LOCATION IS GIVEN, VERIFY CORRECT DIMENSIONS OR LOCATION WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
12. THE DRAWINGS AND REFERENCED DETAILS HAVE BEEN DIMENSIONED IN ORDER TO ESTABLISH THE CONTROL AND GUIDELINES FOR FIELD LAYOUT. WHERE A DISCREPANCY EXISTS BETWEEN THE DRAWING AND THE DETAIL THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO INSTALLATION.
13. DIMENSIONS ARE TO FACE OF FINISH UNLESS OTHERWISE NOTED.
14. WHERE DIMENSIONS ARE NOTED TO BE VERIFIED IN THE FIELD (VIF) THE DIMENSION SHOWN IS THE DESIGN BASIS, BUT MAY DIFFER FROM ACTUAL CONDITIONS. CONTRACTOR SHALL VERIFY THESE DIMENSIONS WHILE LAYING OUT THE WORK AND REPORT ANY DISCREPANCIES BETWEEN THE DESIGN BASIS AND ACTUAL DIMENSIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. WHERE DIMENSIONS ARE NOTED "+/-" FIELD DIMENSIONS MAY VARY FROM THE NOTED DIMENSIONS BY MINOR AMOUNTS. IF THE CONTRACTOR IDENTIFIES DIMENSIONS IN THE FIELD THAT DIFFER BY MORE THAN 1" FROM THE +/- DIMENSIONS INDICATED IN THE DRAWINGS, THE CONTRACTOR SHOULD CONFIRM DIFFERENTIAL WITH ARCHITECTS.
15. DETAILS ARE KEYS TO THE PLANS AT TYPICAL LOCATIONS. TYPICAL DETAILS APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. THE CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR COORDINATING THE LOCATION OF TYPICAL DETAILS AND INSTALLING THE WORK INDICATED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
16. FINISHES ARE KEYS TO THE DRAWINGS AT TYPICAL LOCATIONS. THE FINISHES APPLY TO ALL LOCATIONS WHICH ARE SIMILAR BUT ARE NOT OTHERWISE DETAILED. CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR COORDINATING THE LOCATION OF ALL TYPICAL FINISHED. IF DISCREPANCIES EXIST OR QUALIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING.
17. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VERIFY SIZE AND INVERT ELEVATION OF OPENINGS / SLEEVES THROUGH CONCRETE AND MASONRY WALLS AND CONCRETE FOUNDATION WALLS. OPENINGS / SLEEVES ARE NOT LIMITED TO THOSE SHOWN ON STRUCTURAL DRAWING SHEETS.
18. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE AND MAKE PROVISIONS FOR ALL PIPE / CONDUIT SLEEVES THROUGH CONCRETE WALLS.
19. ELEVATIONS ARE TO TOP OF CONCRETE OR OTHER HARD SURFACE MATERIAL. DO NOT SCALE DRAWINGS. USE DIMENSIONS INDICATED.
20. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING THE WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
21. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AT THE SITE BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO START OF THE WORK. IN CASE OF CONFLICT BETWEEN ARCHITECTURAL AND CONSULTANTS DRAWINGS, THE ARCHITECT WILL DETERMINE THE CORRECT INTENTION OF THE WORK.
22. PROVIDE PEDESTRIAN PROTECTION AS NECESSARY AND AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
23. ALL CONSTRUCTION RELATING TO BUILDING, PARKING OR SITE DEVELOPMENT SHALL CONFORM TO STATE OF OREGON AND JURISDICTIONAL ACCESSIBILITY REQUIREMENTS.
24. THE CONTRACTOR SHALL COORDINATE ANY AND ALL REQUIREMENTS FOR OFF-SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, DRIVEWAYS, CURBS, GUTTERS, UTILITIES, ETC. OFF SITE IMPROVEMENTS SHALL MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (AHJ).
25. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. SPECIFIC NOTES ON DETAILS APPLY TO SIMILAR CONDITIONS UNLESS NOTED OTHERWISE (UNO / UON).
26. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND HORTICULTURAL PRACTICES IN A MANNER DESIGNED TO ENCOURAGE QUICK ESTABLISHMENT AND HEALTHY GROWTH.
27. FINAL LANDSCAPING SHALL BE COORDINATED WITH ALL OTHER FINAL PLAN ELEMENTS SO THAT THE PROPOSED GRADING, STORMWATER DRAINAGE, AND OTHER DEVELOPMENT IMPROVEMENTS DO NOT CONFLICT WITH NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS.

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510 W 1st St, Phoenix, OR 97535



Project  
Number

24-011

Issue

LANDSCAPE BID SET

Date

NOVEMBER 19, 2025

PROJECT  
INFORMATION

L0.0

**SECTION 011000 - GENERAL REQUIREMENTS**

**GENERAL**

- The Contractor's Scope of Work shall include all permits, licenses, labor, materials, equipment and related expenses necessary to complete the project to the satisfaction of the Owner, the Architect, and all agencies having jurisdiction, and all Utilities.
- All sub-trade plans review and permit fees are the responsibility of the Contractor. All project-specific work or fees such as water meter fees, tap fees, utility extensions, road improvements, or other similar work, required by the Jurisdiction or serving Utility, are the responsibility of the Contractor.
- All work hours shall abide by local Jurisdiction.
- All road and walkway closures shall be coordinated with the local Jurisdiction and Owner by the Contractor.

**OWNER OCCUPANCY**

- Owner intends to continue to occupy portions of the existing building during the entire construction period.

**MINIMUM WAGE RATES**

- The minimum wage rates to be paid all crafts and labor on this contract shall be the prevailing wage for the individual crafts involved in the Jackson County area during the life of the contract and as determined by the Commissioner of the Oregon Bureau of Labor and Industries, or in the case of a Federal-Aid project, the wage determination decision of the Federal Secretary of Labor, along with conformance to ORS 279C, as may be applicable to the supplying of the services and/or materials called for in the bid.
- Every contractor and subcontractor shall pay workers not less than the specified minimum hourly rate of wage for each trade or occupation in each locality. When a public works project is subject to Davis-Bacon Act (40 U.S.C. 3141 et seq) that would otherwise be subject to state prevailing wages, if the state prevailing rate of wage is higher than the federal prevailing rate of wage, the contractor and every subcontractor on the project shall pay at least the state prevailing rate of wage.
- Each worker in each trade or occupation employed in the performance of the contract either by the contractor, subcontractor or other person doing or contracting to do or contracting for the whole or any part of the work on the contract, must be paid not less than the applicable state prevailing rate of wage in accordance with ORS 279C.383 and 279C.840, or the applicable federal prevailing rate of wage, whichever is higher.
- If a dispute arises as to what the prevailing wage rate for any class of worker is, and if the dispute cannot be settled by the parties involved, it may be referred to the Commission of the Bureau of Labor and Industries, State of Oregon, for final determination. The Wage Rates are minimum rates only and the Owner will not consider any claims or additional compensation because of payment made by Contractor or a Sub-Contractor of any wage rate in excess of the prevailing rate.
- Prevailing Wage Rates: Pursuant to ORS Ch. 279C.800 - 279C.870, "Prevailing Wage Rates for Public WorksContracts in Oregon," effective January 5, 2025, and amendments, if any.

**TOBACCO FREE FACILITY**

- All bidders shall comply with OAR 581.021.0110 and ORS 326.051 regarding Tobacco Use on Public Grounds.
- For the purpose of this document "tobacco" is defined to include any lighted or unlighted cigarette, cigar, pipe, clove cigarette, and any other smoking product, spit tobacco, also known as smokeless, dip, chew, snuff, in any form, nicotine or nicotine delivering devices, chemicals or devices that produce the physical effect of nicotine substances or any other tobacco substitute (e.g., e-cigarettes). This does not include FDA approved nicotine replacement therapy products used for the purpose of cessation.
- No employee, sub-contractor, material supplier, or project visitor is permitted to smoke, inhale, dip, or chew or sell tobacco at any time, including non- education hours. In any building, facility, or On education facility grounds, athletic grounds, or parking lots.

**PRODUCT SUBSTITUTIONS**

- Product Substitutions for products listed specifically in the specification shall be made by written request to the Owner and Architect. Acceptance of the substitution shall be at the sole discretion of the Owner and Architect.
- Substitutions shall be for equal or better materials based on the performance data as provided by the manufacturer. Substitutions may also be made for products that have become unavailable or that have excessive lead times.

**SECTION 012010 - GENERAL STATUTORY PROVISIONS CONCERNING PUBLIC CONTRACTS**

- In accordance with the provisions of Oregon Revised Statutes (ORS) 279C.530, it is agreed that the Contractor shall make prompt payment, as due, to all person supplying to the contractor labor or materials for the prosecution of the Work provided for herein, pay all contributions or amounts due the State Industrial Accident Fund from the Contractor incurred in the performance of the contract herein, not permit any lien or claims to be file or prosecuted against the District on account of any labor or material furnished, and to pay the State Tax Commission all sums withheld from employees pursuant to ORS 316.169, ORS 316.189 and ORS 316.167.
- Pursuant to ORS 279C.515, it is agreed that if the Contractor fails, neglects or refuses to make prompt payment on any claim for labor or services furnished to the Contractor by any persons in connection with this agreement as such claim becomes due, the proper officer of officers representing the District may pay such claim to the person furnishing the labor or service and charge the amount of the payment against the Contractor. The payment of a claim in the manner authorized in this paragraph shall not relieve the Contractor or his surety from obligation with respect to any unpaid claims.
- Pursuant to ORS 279C.520, it is a condition of this agreement that no person shall be employed by the Contractor for more than eight (8) hours in any one (1) day, or forty hours in any one (1) week, except in cases of necessity, emergency or where the public policy absolutely requires it, and in such cases, the person shall be paid at least time and a half pay for all overtime in excess of eight (8) hours in any one (1) day and for Work performed on Saturdays and legal holidays.
- Pursuant to ORS 279C.525 the Contractor shall comply with the provisions of all federal, state and local statutes, ordinances and regulations dealing with the prevention of environmental pollution and the preservation of natural resources that affect the project.
- Pursuant to ORS 279C.530, it is an express condition of this agreement that the Contractor shall, promptly, as due, make payment to any person, co-partnership, association or corporation furnishing medical, surgical and hospital care or other needed care and attention, incident to sickness or injury, to the employees of such Contractor, or all sums which the Contractor may or shall have deducted from their wages of his employees for such services pursuant to the terms of ORS 279B.230, and any contract entered into pursuant thereto, or collected or deducted from the wages of its employees pursuant to any law, contract or agreement for the purposes of providing or paying for such service.
- The hourly rate of wage to be paid by the Contractor (and incorporated in his subcontracts) shall not be less than provided in ORS 279C.800 to ORS 279C.870, and as hereinafter included in Section 00 7343-BOLI Wage Rate Requirements.

- Pursuant to ORS 645.001 et seq. OAR Chapter 437, Div. 3 and OAR Chapter 437-002-0320 through OAR Chapter 437-002-0325, the Contractor shall comply with the following conditions under any contract to provide the District with goods or services.
- Contractors and their employees shall comply with the requirements of the above cited Laws, Rules, Policies and Regulations
- The Contractor shall review the Material Safety Data Sheets filed by the District to determine if there are any chemicals stored at the site of Work which the Contractor or any subcontractors will use, or could be exposed to in an emergency
- Workers shall inform the executive officer at the location where services are being performed of all hazardous chemicals which they or their sub-contractors bring upon education facility property, and upon request, provide the District with M.S.D.S. for such chemicals.
- Each bid shall identify whether the bidder is an Oregon resident bidder, as defined in ORS 279A.120.
- Pursuant to ORS 279C.830 (3), the contractor and every subcontractor must have a public works bond filed with the Construction Contractors Board before starting work on the project, unless exempt under ORS 279C.836 (4), (7), (8) or (9).

**SECTION 013000 - ADMINISTRATIVE REQUIREMENTS COORDINATION**

- The Contractor shall coordinate all materials, equipment and labor necessary for the project's completion. All materials to be new, free from defects in bearing strengths, durability of appearance, of best quality for the purpose intended.
- Protect all existing and functioning utilities from damage during construction. All existing utilities encountered during construction that will not be utilized shall be capped or removed by the Contractor.

**PROJECT MEETINGS**

- Schedule and administer meetings throughout progress of the work at weekly intervals. Conduct meeting with Owner, Architect, and SubContractors to discuss the project, schedule, critical sequencing, safety, security, and general procedural items.
- Contractor shall record and distribute meeting minutes.
- Architect will make observations of the work and issue field notes following the jobsite visit.

**CONSTRUCTION PROGRESS SCHEDULE**

- The Contractor shall provide to the Owner a construction schedule prior to beginning work. The schedule shall be in a critical path method format and shall be updated throughout the duration of the project to reflect the progress of the work.

**SUBMITTALS**

- The Contractor shall make required submittals to the Owner and Architect for review as required by this specification.
- Submittals shall be in PDF format and emailed. Submittals shall be clearly labeled and reviewed by the Contractor prior to submittal. Submittals that are insufficient or have not been reviewed by the Contractor will be returned without review.
- When required by this specification, submit physical samples and/or color selection charts for review by the Owner and Architect. The Contractor shall revise and/or resubmit submittals as directed by the Owner and/or Architect.

**SECTION 014000 - QUALITY REQUIREMENTS CONTROL OF INSTALLATION**

- Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce work of specified quality.
- The Owner shall hire and pay for independent testing agency to perform special inspections required by this specification, or the Jurisdiction. Any work producing insufficient test results shall be remedied by the Contractor without cost to the Owner.
- Contractor shall coordinate and call for all special inspections as required for the work. Comply with manufacturers' instructions, including each step in sequence.
- Should manufacturers' instructions conflict with Contract Documents, request clarification from Architect before proceeding.
- Comply with specified standards as minimum quality for the work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
- Have work performed by persons qualified to produce required and specified quality.
- Verify that field measurements are as indicated on shop drawings or as instructed by the manufacturer.
- Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, and disfigurement.

**DEFECT ASSESSMENT**

- Replace Work or portions of the Work not complying with specified requirements.

**SECTION 015639 - TEMPORARY TREE AND PLANT PROTECTION**

- Preservation, protection, and trimming of existing trees and shrubs, and other vegetation indicated to remain.
- Protect all trees, shrubs, ground cover and other vegetation existing on the Project site except as indicated to be removed.
- Meet local jurisdiction requirements for protection of existing trees and vegetation.
- Provide temporary fencing, barricades and guards as required to protect trees and other plants to remain.
- Protect all trees from stockpiling, material storage, vehicle parking and driving within the tree protection fence area.

**Materials:**

- As indicated on drawings, temporary chain link fence panels, 6' high, with on-grade concrete pier or steel pipe footings.

**General:**

- Protect all plant growth including root systems of trees and plants from: Dumping of construction materials and refuse. Toxic chemicals and solutions. Ponding of surface water in root zones. Protect root zones from flooding, erosion, and drying.
- Protect all existing plant material to remain against cutting, breaking and skinning of roots and branches, and skinning or bruising of bark.
- Do not allow fires under and adjacent to trees or other plants which are to remain. If required, the Certified Arborist shall perform removal of branches and prune roots from trees and large shrubs that are to remain, to be clear of new construction.
- Prune also to restore natural shape of trees and other plants impacted by construction activities.
- Cut branches and roots with sharp pruning instruments. Do not break, chop or mutilate.
- Water trees and plants to remain as necessary to maintain their health during the course of the work. Maintain a watering schedule and log of watering operations.
- Restrict vehicular and foot traffic of all construction crews to prevent compaction of soil over root systems and within tree protection zones.

- Erect fencing around all tree protection zones prior to commencement of clearing and demolition work and remove only after all work potentially injurious to trees and other plants is complete. Fencing shall be placed as far from trees as is practical, but in no instance closer than one foot behind required construction limits.
- Send written notification to all subcontractors regarding the requirements of this tree and plant protection specification. Prevent dumping of paint, solvents, and other foreign material in protection areas. Route trenching of underground utilities away from root protection zones of trees and plants to remain.

**Excavation Around Trees:**

- Excavate within root zone of trees only where indicated and acceptable to the Certified Arborist.
- Where trenching for utilities is required within root zones, tunnel under and around roots in a manner that minimizes damage to root zones, such as by using hand tools or an air spade. Do not cut main lateral support roots. Cut smaller roots that interfere with installation of new work using sharp pruning tools. Mark lines on ground prior to excavation. Excavate only after approval of location by Certified Arborist.
- Where excavating for new construction is required within root zones of trees, excavate in a manner that minimizes damage to root zones, such as by using hand tools or an air spade. Use narrow-lined spading fork or air spade to expose roots. Reposition roots in backfill areas whenever possible. If large, main lateral roots are encountered, expose beyond excavation limits as required to re-position roots without breaking.
- If roots are encountered within the limits of new construction and the Owner determines that modification of the work is not practical, cut roots in accordance with these specifications approximately 6 inches back from proposed construction.
- Do not allow exposed roots to dry out before permanent backfill is placed. Provide temporary earth cover, pack with wet peat moss or 4 layers of wet, untreated burlap and temporarily support and protect from damage until roots are permanently relocated and covered with backfill. Apply water to settle backfill and to eliminate voids and air pockets.
- All pruning shall be performed to ANSI A-300 Pruning standards by the Certified Arborist as well as other therapeutic care work performed to National Arborist Association standards.

**Grading and Filling Around Trees**

- Maintain existing grade within root zones of trees unless otherwise indicated or approved by the Owner and Certified Arborist.
- Lowering Grades: Where existing grade is above new finish grade shown around trees, under direction of Certified Arborist, carefully excavate within root zones to new grade in a manner that minimizes damage to root zones, such as by using hand tools or an air spade. Cut roots exposed by excavation, as specified, to approximately 3 inches below elevation of new finish grade. Raising Grades: As approved by the Owner and Certified Arborist.

**Aeration:**

- Perform aeration as determined by a Certified Arborist as required in areas where construction compaction has occurred.

**Repair and Removal of Trees:**

- Repair trees damaged by construction operations in a manner acceptable to the Owner. Make repairs promptly after damage occurs to prevent progressive deterioration of damaged trees.
- Remove dead and damaged trees which are determined by the Certified Arborist to be incapable of restoration.

**Improvements within Tree Protection Zones**

- Miscellaneous equipment such as electrical fixtures, junction boxes, and irrigation valves must be installed with care to avoid cutting roots. Digging must be minimal with excess dirt removed from the tree protection zone: do not cut roots greater than 1 inch in diameter without the approval of the Certified Arborist. Roots greater than 1 inch in diameter exposed during excavation must be cut squarely at the edge of the excavation with a sharp saw or appropriate pruning tool as specified.
- Install walkways as close to existing grade as possible, where specific finish grade elevations are not precisely detailed on grading plan, to minimize excavation into the soil where large roots and areas of high root density exist. Backfill roots with loose dirt to the minimum depth necessary to match adjacent existing grade. Place minimum 2 inch thick layer of mulch inside the tree protection zone if directed by the Certified Arborist.

**Compensation to Owner for Trees**

- Contractor shall pay the Owner the value of existing trees scheduled to remain that died, or were damaged and removed, because of the Contractor's failure to follow the approved tree protection & removal plan and Certified Arborist's recommendations and directions for tree protection.
- Existing tree value shall be determined according to the evaluation formula set forth in "The Council of Tree and Landscape Appraisers' Guide for Plant Appraisal", current edition.
- Any wound or damage by construction activities to an existing tree indicated to remain constitutes partial injury. These include, but are not limited to: Any cambium tissue damage. Unauthorized cutting, breaking or removing tree branches. Unauthorized cutting or damaging protected root zones. Soil compaction. Toxic run-off into tree protection areas.
- Partial injury will be calculated by percentage, estimated by the Certified Arborist, of the total value of the damaged tree.

**SECTION 015713 - TEMPORARY EROSION AND SEDIMENT CONTROL**

**Performance Requirements**

- Comply with requirements of EPA (NPDES) for erosion and sedimentation control, as specified by the NPDES, for Phases II, and in compliance with requirements of Construction General Permit (CGP), whether the project is required by law to comply or not.
- Also comply with all more stringent requirements of the State of Oregon Erosion and Sedimentation Control Manual, and Rogue Valley Stormwater Manual.
- Timing: Put preventive measures in place as soon as possible after disturbance of surface cover and before precipitation occurs.
- Storm Water Runoff: Control increased storm water runoff due to disturbance of surface cover due to construction activities for this project.
- Prevent runoff into storm and sanitary sewer systems, including open drainage channels, in excess of actual capacity or amount allowed by authorities having jurisdiction, whichever is less.
- Erosion On Site: Minimize wind, water, and vehicular erosion of soil on project site due to construction activities for this project.
- Control movement of sediment and soil from temporary stockpiles of soil. Prevent development of ruts due to equipment and vehicular traffic.
- If erosion occurs due to non-compliance with these requirements, restore eroded areas at no cost to Owner.
- Maintenance: Maintain temporary preventive measures until permanent measures have

been established.

**Scope of Preventive Measures**

- Storm Drain Inlet Sediment Trap: Protect each curb inlet as shown on drawings. Storm Drain Drop Inlet Sediment Traps: As detailed on drawings.
- Mulching: Use only for areas that may be subjected to erosion for less than 6 months. Temporary Seeding: Use where temporary vegetated cover is required.

**SECTION 017000 - EXECUTION AND CLOSEOUT REQUIREMENTS**

**EXAMINATION**

- Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.
- Examine and verify specific conditions described in individual specification sections. Take field measurements before confirming product orders or beginning fabrication, to minimize waste due to over-ordering or misfabrication. Verify that utility services are available, of the correct characteristics, and in the correct locations.
- Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

**PREPARATION**

- Clean substrate surfaces prior to applying next material or substance.
- Seal cracks or openings of substrate prior to applying next material or substance.
- Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

**GENERAL INSTALLATION REQUIREMENTS**

- Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement.
- Make vertical elements plumb and horizontal elements level, unless otherwise indicated.
- Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal lines, unless otherwise indicated. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.
- Make neat transitions between different surfaces, maintaining texture and appearance.

**CUTTING AND PATCHING**

- Perform all cutting, fitting and patching as required to place new work. Do not overcut. Patch all existing elements as required to restore to a "like new" condition.

**PROGRESS CLEANING**

- Maintain areas free of waste materials, debris, and rubbish. Maintain site in a clean and orderly condition. Broom and vacuum clean interior areas prior to start of surface finishing, and continue cleaning to eliminate dust.
- Collect and remove waste materials, debris, and trash/rubbish from site periodically and dispose off-site; do not burn or bury.

**PROTECTION OF INSTALLED WORK**

- Protect installed work from damage by construction operations.
- Provide special protection where specified in individual specification sections.
- Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.

**FINAL CLEANING**

- Use cleaning materials that are nonhazardous.
- Clean equipment and fixtures to a sanitary condition with cleaning materials appropriate to the surface and material being cleaned. Clean site; sweep paved areas, rake clean landscaped surfaces.
- Remove waste, surplus materials, trash/rubbish, and construction facilities from the site; dispose of in legal manner; do not burn or bury.

**CLOSEOUT PROCEDURES**

- Make submittals that are required by governing or other authorities.
- Accompany Owner on preliminary inspection to determine items to be listed for completion or correction in the Contractor's Correction Punch List for Contractor's Notice of Substantial Completion.
- Notify Architect when work is considered ready for Architect's Substantial Completion inspection.
- Submit written certification containing Contractor's Correction Punch List, that Contract Documents have been reviewed, work has been inspected, and that work is complete in accordance with Contract Documents and ready for Architect's Substantial Completion inspection.
- Conduct Substantial Completion inspection and create Final Correction Punch List containing Architect's and Contractor's comprehensive list of items identified to be completed or corrected and submit to Architect.
- Correct items of work listed in Final Correction Punch List and comply with requirements for access to Owner-occupied areas.
- Notify Architect when work is considered finally complete and ready for Architect's Substantial Completion final inspection. Complete items of work determined by Architect listed in executed Certificate of Substantial Completion.

**SECTION 017800 - CLOSEOUT SUBMITTALS**

**Project Record Documents**

- Submit documents to Architect with claim for final Application for Payment.
- Operation and Maintenance Data: Submit to the Owner an Operations and Maintenance Manual including Owner's Manual for all equipment, equipment warranties, finish materials maintenance procedures, outlining maintenance practices, procedures, products used, seasonal maintenance goals, and frequency of services proposed for a 12 month warranty maintenance period. Maintenance plan should include maintaining plant health, controlling erosion, preserving aesthetic quality, and preventing damage from pests or disease.
- Deliver spare parts and materials to the Owner.
- Submit to the Owner all Warranties.
- For equipment, or component parts of equipment put into service during construction and operated by Owner, submit completed documents within ten days after acceptance.
- Submit one copy of completed documents 15 days prior to Final Inspection. This copy will be reviewed and returned after final inspection, with Architect comments. Revise content of all document sets as required prior to final submission.
- Submit two sets of revised final documents in final form within 10 days after final inspection.
- The Contractor shall maintain a physical copy of record documents at the jobsite throughout the duration of the work. Any installed work deviating from that drawn or specified shall be legibly marked on the record set.
- Upon completion of the work, submit record documents to the Owner.



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**Project Number**  
24-011

**Issuance**  
LANDSCAPE BID SET

**Date**  
NOVEMBER 19, 2025

**PROJECT SPECIFICATIONS**

**L0.1**

10. Make other submittals within 10 days after Date of Substantial Completion, prior to final Application for Payment.
11. For items of Work for which acceptance is delayed beyond Date of Substantial Completion, submit within 10 days after acceptance, listing the date of acceptance as the beginning of the warranty period.

#### Warranties

1. The Contractor shall provide a one (1) year warranty to the Owner for the work described in these documents and date from the Date of Completion. The Warranty shall cover all materials and workmanship used on this project. The Contractor shall repair or replace any materials or equipment found to be faulty/defective within the one-year period at no cost to the Owner.
2. Subcontractors shall provide a written guarantee to the Owner as required by this specification.

#### SECTION 024100 - DEMOLITION

1. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.
2. Obtain required permits.  
Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.
3. Provide, erect, and maintain temporary barriers and security devices.  
Conduct operations to minimize effects on and interference with adjacent structures and occupants. Do not close or obstruct roadways or sidewalks without permits from authority having jurisdiction.
4. Conduct operations to minimize obstruction of public and private entrances and exits. Do not obstruct required exits at any time. Protect persons using entrances and exits from removal operations.
5. Obtain written permission from owners of adjacent properties when demolition equipment will traverse, infringe upon, or limit access to their property.
6. Do not begin removal until receipt of notification to proceed from Owner.
7. Protect existing structures and other elements to remain in place and not removed.
8. Provide bracing and shoring.
9. Prevent movement or settlement of adjacent structures.
10. Stop work immediately if adjacent structures appear to be in danger.
11. Provide tree protection fencing as shown on plans. Install fencing prior to construction /installation and maintain tree protection fencing throughout duration of work, removing only after hardscape elements have been installed.

#### Debris and Waste Removal

1. Remove debris, junk, and trash from site.
2. Leave site in clean condition, ready for subsequent work.
3. Clean up spillage and wind-blown debris from public and private lands.

#### SECTION 033000 - CAST-IN-PLACE CONCRETE

#### Formwork

1. Formwork Design and Construction: Comply with guidelines of ACI PRC-347 to provide formwork that will produce concrete complying with tolerances of ACI SPEC-117.
2. Form Materials: Sonotube or Contractor's choice of standard products with sufficient strength to withstand hydrostatic head without distortion in excess of permitted tolerances.

#### Concrete Materials

1. Cement: ASTM C150/C150M, Type I - Normal Portland type.
2. Fine and Coarse Aggregates: ASTM C33/C33M.
3. Water: ASTM C1602/C1602M; clean, potable, and not detrimental to concrete.

#### Concrete Mix Design

1. Proportioning Normal Weight Concrete: Comply with ACI PRC-211.1 recommendations. Replace as much Portland cement as possible with fly ash, ground granulated blast furnace slag, silica fume, or rice hull ash as is consistent with ACI recommendations.
2. Normal Weight Concrete: Compressive Strength, when tested in accordance with ASTM C39/C39M at 28 days: 3,000 pounds per square inch (20.7 MPa).

#### SECTION 061000 - ROUGH CARPENTRY

#### Materials

1. Dimensional Lumber: Comply with PS20 and requirements of American Lumber Standard Committee, Douglas Fir or Cedar, as noted. See Drawings for sizes.
2. Sheathing: 1x6 6 foot length Cedar boards, with face grain horizontal to posts.  
Connectors: Simpson Strong-Tie, stainless steel or zinc-coated. Secure with fastenings recommended by manufacturer to develop full total load reactions.
3. Fasteners: per OSSC Table 2304.10.2, where required or indicated. All nuts, bolts, screws, washers, and nails to be either stainless steel or zinc-coated. Do not mix stainless steel and zinc-coated fasteners.

#### SECTION 061500 - WOOD DECKING

#### Manufacturers

1. Composite Wood Decking: Azek Building Products, Inc; TimberTech, www.azek.com Wood Materials

1. Regulatory Requirements: Marking or Certificate of Inspection: For sawn lumber units load-supporting applications, provide grade marking or certificate of inspection in accordance with ICC (IBC).
2. Composite Decking: TimberTech Composite Prime+ Collection. Or other approved hardwood mixed with plastic and molded into standard lumber board sizes and accessory shapes; minimum plastic content of 50 percent.
3. Dimensions: 1 x 6 inches, 12 ft length
4. Finish: Textured surface for slip resistance
5. Color: Coconut Husk. Provide sample to Owner for approval.
6. Performance Standards: Must meet or exceed ASTM D7032 for wood-plastic composite decking boards, including performance in wet, dry, and frozen conditions. Decking must meet ADA standards for walkways.
7. Surface Burning Characteristics: Flame spread index of 80, maximum; smoke developed index of 200, maximum; when tested in accordance with ASTM E84.

#### Accessories

1. Decking Clips: Hidden fasteners compatible with TimberTech decking. Provide a clean, secure attachment.
2. Decking Fasteners: Stainless steel or zinc-coated steel Screws: Bugle head, zinc-coated steel, power driven type, length three times thickness of decking.

3. Trim and Edging: TimberTech composite for curb at edge of bridge.

#### SECTION 084500 - TRANSLUCENT WALL AND ROOF ASSEMBLIES

#### PRODUCTS

1. Roof: Polycarbonate Corrugated Roof Panel, 26 inches x 12 feet. Color: Red Brick
2. Fasteners: Neoprene Gasket or similar waterproof roofing fastener; Framing Screws, zinc-coated or stainless steel.

#### SECTION 311000 - SITE CLEARING

#### Clearing and Grubbing

1. Clearing: Cut trees, stumps, shrubs, downed timber, and other vegetation for removal within identified area as indicated on drawings according to 29 CFR 1910.266. Follow recommendations of ANSI Z133 and best local practices for species involved. Stumps from removed trees to be removed to a depth of 18"
2. Do not remove or damage vegetation beyond limits indicated on drawings.

#### Selective Removal and Trimming

1. Selective Removal: Individual tree and shrub identified for removal as indicated on drawings according to 29 CFR 1910.266.
2. Selective Trimming: Individual limbs and branches cut back according to ANSI A300 Part 1 where necessary. Follow recommendations of ANSI Z133 and best local practices for species involved.

#### Removed Vegetation Processing

1. Do not burn, bury, landfill, or leave on-site.

#### SECTION 312200 - GRADING

#### Rough Grading

1. Excavate and fill subgrade material to elevations indicated on plans. Remove and replace unsuitable materials as specified fill.
2. Fine Grading: Scrape and spread subgrade material uniformly smooth and without disruptions as indicated on drawings. Care must be taken to protect existing tree roots by hand-grading only under pine trees, as shown in Zone B on detail 2/L0.4.
3. Tolerances: Top Surface: Plus or minus 1/2 inch (13 mm).

#### SECTION 321123 - AGGREGATE BASE COURSES

#### Materials

1. Coarse Aggregate Type 3/4" minus CRB: Coarse aggregate, complying with State of Oregon Highway Department standard.

#### Installation

1. Spread aggregate over prepared substrate to a total compacted thickness of 4 inches or as indicated on drawings.
2. Under Bituminous Concrete Paving: Place coarse aggregate to a total compacted thickness of 4 inches.
3. Under Portland Cement Concrete Paving: Place coarse aggregate to a total compacted thickness of 4 inches.
4. Place aggregate in maximum 4 inch (100 mm) layers and roller compact to specified density.
5. Level and contour surfaces to elevations and gradients indicated.
6. Add small quantities of fine aggregate to coarse aggregate as appropriate to assist compaction.
7. Add water to assist compaction. If excess water is apparent, remove aggregate and aerate to reduce moisture content. Use mechanical tamping equipment in areas inaccessible to compaction equipment.
8. Tolerances: Variation From Design Elevation: Within 1/2 inch (12.8 mm).

#### SECTION 321500 - AGGREGATE SURFACING

1. Decomposed Granite Surfacing: Naturally occurring, crushed granite with particle size 3/8 inch minus. Free of organic matter, shale, clay, friable material, debris, and excessive fines. Natural buff color. Place 3 inch depth over compacted base course.
2. Submit a 1/2 gallon sample of proposed surfacing no earlier than 30 days prior to installation.
3. Steel Edging: 4" x 1/8" Flat Bar Steel. Secure with 12 inch metal stakes no farther than 4 ft apart.
4. Aggregate Base Course Preparation: Compact the subgrade to a uniform level and stable condition, ensuring it is free of large stones, roots, or other debris.
5. Compaction: Compact the crushed stone layer using a vibrating plate compactor or roller to 85-90% relative compaction. Ensure that the compaction is uniform and that the surface is smooth and level according to the grading plan.
6. Stabilizer: Apply an organic liquid polymer stabilizer per manufacturer's recommendation. Blend off-site or with on site pugmill to ensure uniform distribution of binder per manufacturer-recommended rate.
7. Finishing: Lightly mist surface and perform final compaction. Ensure surface is level, even, and free of any depressions or irregularities that would not comply with ADA standards. Protect completed work from traffic until cured and compacted.
8. Maintenance: Owner is responsible for periodic replenishment of crushed stone surfacing, especially in high-traffic areas. Maintain the surface by recompacting the material periodically and adding new material as needed.

#### SECTION 323300 - SITE FURNISHINGS

#### Bicycle Rack

Manufacturer: ULine; www.uline.com

Model: Circle, H-6572

Frame: Steel. Color: Black

#### Metal Benches

Manufacturer: Vestre; https://vestre.com/us/

Model: Hvilan 106 Bench

Frame: Steel Powdercoated. Color: Saffron Yellow

Slats: Linseed Oil Nordic Pine (standard).

Mounting: Surface, using concealed anchor bolts

#### Metal Table

Manufacturer: Vestre; https://vestre.com/us/

Model: Hvilan 133 Table

Frame: Steel Powdercoated. Color: Saffron Yellow

Top: Linseed Oil Nordic Pine (standard).

Mounting: Surface, using concealed anchor bolts.

#### Reading Chairs

Manufacturer: Maglin; www.maglin.com

Model: 720 Chair

Frame: Steel Powdercoated. Color: Blue

Slats: Ash Wood

#### Cat Sculpture

Manufacturer: Kenneth Lynch & Sons; www.klynchandsons.com

Model: No. 494 Kitten, 6 1/2" Ht.

Material: Cast Stone

#### Boulders

Monolithic local granite, natural cleave/uncut faces of consistent character and quality. No sharp edges, as possible. Confirm with Landscape Architect.

Size: small: 1-2 foot diameter, 100-300 lbs

large: 2-3 foot diameter, 500-1800 lbs

#### Wood Benches & Log Steppers

Provide sustainability harvested natural wood, certified or labeled. Wood from recovered timber is permitted, provided it is free of contamination; identify source. Wood is to be fir or local species. Logs should be seasoned, one-year minimum, with bark removed.

#### Wayfinding Signs

Steel Post: 4x4 powder-coated steel post,

Wood Panel: Cedar 1x10, Provide mock-up of wood panel for approval by Landscape Architect

Wood is to be cedar, or other local species.

#### SECTION 328400 - PLANTING IRRIGATION

#### Irrigation System

1. Submit copies of manufacturer's product data for all materials to be used for this portion of work.
2. Submit documentation that the installer is a licensed and bonded Landscape Contracting Business that specializes in and has experience in successfully installing similar irrigation systems.
3. Operations and maintenance submittals: valve schedule; project record drawing; product data and warranty information for all included parts and equipment
4. Required site observation visits with the landscape architect:
  1. Trench layout and depth verification
  2. Main line pressure test before installation of valves
  3. Main line visual test after installation of valves
  4. Coverage Test
5. Regulatory Requirements:
  1. All work detailed herein and, on the drawings, shall be accomplished in strict accordance with the applicable Local, State and Federal codes and regulations.
  2. The Landscape Contracting Business shall be responsible for obtaining and paying for all necessary permits to accomplish the work described herein. Submit requests for product substitution approval to landscape architect. Substitutions will be permitted only if approved in writing by the Landscape Architect. Any structures or facilities damaged by work of this project, including portions of the existing irrigation system, shall be restored to equal or better than original condition at the offending Landscape Contracting Business's expense and to the satisfaction of the Owner's Representative.
6. Guarantee all installation against defects in materials and workmanship, which may occur during normal usage for a period of one year after final acceptance of the Work. Landscape Contracting Business shall not be responsible for damage due to vandalism, negligence of the Owner or Acts of Nature.
7. Weather Requirements: Do not solvent weld polyvinyl chloride pipe when ambient temperature is below 40°F or above 95°F. Do not solvent weld polyvinyl chloride pipe in wet conditions.
8. Minimum depth of cover to top of irrigation piping shall be as follows: Lateral Lines: Minimum of 12" deep. Mainline: Minimum of 18" deep. Sleeves under vehicular pavement: Minimum of 24" deep
9. Controller to Decoder: Lay two-wire communication wire in trench under mainline and/or lateral lines whenever they occur in same trench. Place communication wire in sleeves when under paving, and in conduit when not in common trench with mainline and/or lateral lines. Wire splices to be inside valve boxes using moisture proof electrical connectors according to manufacturer's installation instructions.
10. Minimum Pressure Test on Main Lines, Valves, Joints and Fittings: 100 pounds per square inch without losing more than 3 pounds per square inch for a period of 1 hour. Provide airless paint sprayer with compressor, or other equipment, to achieve required hydraulic test pressure without injection of air into main lines.
11. Contractor shall provide minimum 24-hour notice to Landscape Architect requesting observation of final pressure test. Piping may be pressure tested in sections if approved by Landscape Architect. Perform lateral line leak testing for each control valve in numerical sequence, immediately after main line pressure testing has been approved, in the presence of the Landscape Architect. Perform final coverage test by operating each control valve in the presence of the Landscape Architect when the irrigation system has been completely installed and adjusted.

#### Pipe Materials

1. PVC Pipe: Schedule 40 ASTM D2241; 200 psi (1.38 MPa) pressure rated upstream from controls, 160 psi (1.10 MPa) downstream; solvent welded sockets.
2. PVC Sleeves: Schedule 40, sized two times the diameter of the pipes scheduled to be contained in the sleeve. Minimum sleeve size is 6" unless otherwise noted on Drawings.
3. Galvanized Steel Pipe and Fittings: Pipe, Schedule 40, hot-dipped galvanized, conforming to ASTM A53. Fittings: Hot-dipped galvanized, malleable iron.
4. Fittings: Type and style of connection to match pipe. Nipples and above ground risers shall be schedule 80 PVC.
5. Solvent Cement: ASTM D2564 for PVC pipe and fittings.
6. PVC Primer: Weld-on P-70, or approved equal, purple color, or accepted substitute, meeting requirements of ASTM F656.
7. PVC Cement: Weld-on P721, or approved equal.

#### Irrigation Heads

1. Irrigation Heads: See schedule for type and size indicated on drawings.

#### Valves

1. Valves: Hunter Industries. See schedule on drawings
2. Gate Valves: Brass, size to match main line.

3. Quick Coupling Valve: Hunter HQ-44-LRC-R
4. Valve Boxes for Isolation Valves, Quick Couplers, and Manual Drain Valves: Carson, Armor, or approved equal, 10" diameter round valve boxes, one for each valve.
5. Valve Boxes for Control Valves: Valve Boxes for Control Valves: 12" minimum size box, one box for each valve, with locking lid, and extensions as needed. Or maximum of two 1" valves per jumbo valve box.

#### Low Volume Irrigation

1. 1/2" XF Series Blank Tubing, or equivalent High-density polyethylene (HDPE), UV-resistant, designed for low-volume drip irrigation systems.
2. Rain Bird Xeri-Bug Emitters, or equivalent.
3. Emitters shall be installed at predetermined intervals to provide point-source water application directly to the root zones.
4. Emitters shall be available in flow rates of 0.5 GPH, 1.0 GPH, and 2.0 GPH, depending on the specific needs of the plant material and application.
5. Air Relief Valves shall be installed at high points of the irrigation system to allow air to escape and prevent airlocks that could impair system performance.
6. Verify the flow rate of the emitters (0.5 GPH, 1.0 GPH, or 2.0 GPH) and ensure that the pressure compensating features are working properly to deliver consistent water flow.

#### Accessories

1. Locater Wire: All main lines to be marked on the top side of pipe with continuous 14-gauge, single-strand locater wire, with light blue color coating.
2. Pipe Joint Tape: Minimum of 1/2" Teflon tape for use in wrapping threaded PVC and/or galvanized pipe fittings and joints, as required.
3. Drain Rock: 1/4" round clean, washed pea gravel.
4. Air-relief Valves: Install in quantities and locations as recommended by the manufacturer.

#### Controls

1. Exterior location, coordinate with Owner. See schedule on drawings for Controller type.
2. Control wire: two-wire communication wire. No. 14 AWG, solid copper, jacketed two-conductor, direct-burial cable.
3. Low volume irrigation: as indicated in the drawings

#### SECTION 329113 - SOIL PREPARATION

#### Testing

1. Submit analysis of existing (on-site) and imported topsoil from licensed soils testing laboratory for approval prior to reuse of existing topsoil or delivery of imported topsoil.
2. Soil test shall include the following: sieve analysis of soil particle size; magnesium, nitrogen, phosphorus, boron, zinc, and potassium levels; soluble salt level; pH; organic matter; and infiltration rate. Test results shall include specific recommendations for soil conditioners, amendments and fertilizers to adjust the soil to meet the description noted above. A written narrative summarizing the analysis and recommendations shall be included in the submittal.

#### Soil Materials

1. Topsoil: Fertile, friable, natural loam, surface soil, capable of sustaining vigorous plant growth; porous and free draining, free of subsoil clay lumps, brush, noxious weeds, weed seeds, roots, stones larger than 1-1/2 inches in any dimension and other material harmful to plant growth.
2. Definition of Noxious Weed: As designated on State of Oregon Dept. of Agriculture's Noxious Weed List.
3. Compost: 1/4-inch minus fir or hemlock sawdust aged a minimum of 2 years, or approved equal.
4. Planting Bed Fertilizer: Best Fertilizer Triple Pro 15-15-15, or approved equal.
5. Mycorrhizae Soil Amendment: Plant Success Mycorrhizae Tablets, or approved equal.

#### Weather Limitations

1. Install erosion-control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust to adjacent track surface, facilities and walkways.
2. Avoid working the soil during excessively wet weather, when the soil is waterlogged, or cold weather when the ground is frozen.

#### Placing Topsoil

1. Place topsoil during dry weather and on dry unfrozen subgrade.
2. Grade topsoil to eliminate rough, low or soft areas, and to ensure positive drainage.
3. Throughout landscape installation landscape shall be kept free of weeds. All landscape areas shall be treated to remove noxious weeds, and weed seeds. To minimize the harm to the environment and pollinators, the following methods are allowed in place of chemical herbicides: Manual removal, organic herbicides, and pre-emergent herbicides.

#### Pollinator Garden & Entrance Garden (Typical):

- 4.1. Area as shown on plans.
- 4.2. Remove all rock, asphalt, concrete, roots of any dead tree or tree/plant to be removed, and all construction debris, from planting beds to a minimum depth of 12 inches below finish grade. Remove existing soil as needed to accommodate approved imported topsoil. Place topsoil to a depth of 6 inches below finish grade, with an additional 2 inches of compost and Planting Bed Fertilizer according to the manufacturer's specifications. Apply additional soil amendments as required by soil test analysis at the rate indicated by the analysis. Incorporate into existing soil and rake smooth. Place Mycorrhizae Tablets in each plant pit at the time of planting according to the manufacturer's specifications.

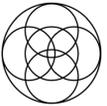
#### Plantings under Pine Trees (Understory):

- 5.1. Area as shown on plans.
- 5.2. Remove all rock, asphalt, concrete, or materials inhibiting to plant life from soil surface. Remove top 1 inch of existing soil, or as needed to remove existing grass and weeds. Rake area under pine trees to remove weeds and seeds. Do not overexcavate or damage existing tree roots. Do not import new topsoil under pine trees. Amend existing soil within each planting hole only, with imported topsoil and compost. Apply natural pre-emergent herbicide per manufacturer's recommendation. Place Mycorrhizae Tablets in each plant pit at the time of planting according to the manufacturer's specifications.
6. Seeded Areas:
  - 6.1. Remove all existing weeds, vegetation, rock, asphalt, concrete, roots of any dead tree or tree/plant to be removed, and all construction debris, from seeded areas to a minimum depth of 6 inches below finish grade. Remove top 2 inches of existing soil, or as needed to remove existing grass and weeds. Import 1 inch of new topsoil, 1 inch of compost, and Planting Bed Fertilizer according to the manufacturer's specifications. Incorporate into existing soil and rake smooth. Settle and compact the area.

#### SECTION 329219 - SEEDING

#### Seed Mixture:

1. Fleur de Lawn (PT Lawn Seed). 1.5 lbs per 1,000 sq ft



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Project  
Number

24-011

Issuance

LANDSCAPE BID SET

Date

NOVEMBER 19, 2025

PROJECT  
SPECIFICATIONS

L0.2

Hydro-mulch:

1. Cellulose, wood fiber, or processed straw based and applied at 1,000 lbs per acre.

Tackifier:

1. Organic/non-petroleum based and shall be applied at the manufacturer's recommended rate.

- Fertilizer:
1. Seed Starter Fertilizer: 2 lbs per 1,000 sq ft of 12-12-12 fertilizer.

Hydro-seeding:

1. Verify no foreign or deleterious material is within planting area.
2. Uniformly moisten excessively dry soil and suspend work if soil moisture is excessively wet. Proceed with installation when conditions are optimal.
3. Proceed with seeding only when existing and forecasted weather conditions permit planting to be performed when beneficial and optimum results may be obtained. Limit planting to days with a low of 40 degrees Fahrenheit to a high of 85 degrees Fahrenheit.
4. Grade seeded areas to a smooth, uniform state.
5. Mix the cellulose mulch with water to attain a mixture with a maximum of 50 lbs cellulose fiber per 100 gallons of water.
6. Use the seed mixture as verified by Landscape Architect. Seed shall be the last item to be placed in the tank and shall not remain in the hydro-seeder more than 4 hours.
7. Following germination, immediately re-seed areas without germinated seeds that are larger than 3 by 3 inches.
8. Satisfactory turf shall be healthy, well-rooted, even-colored, free of weeds, bare areas, and surface irregularities. Mow the lawn once it has reached 4 inches in height.
9. Erect temporary fencing or barricades and warning signs to protect newly planted areas from traffic. Maintain fencing and barricades throughout initial maintenance period and remove after plantings are established.

**SECTION 329300 - PLANTS**

Plants

1. Species and size identified in plant schedule, grown in climatic conditions similar to those in locality of the work.

Mulch Materials

1. Submit a quart size sample of all mulch materials no earlier than 30 days prior to installation.
2. Bark Mulch: Shredded hemlock or fir bark, medium grade, free of wood chips, maximum size to pass 3/4 inch mesh screen; free of material inhibiting plant life. Newly developed planting beds to receive 3 inch layer of mulch. Lift plant foliage above mulch to prevent mulch contact with foliage. Under pine trees, place bark mulch to a depth of 4 inches.
3. Wood Chips: Remove top 1" of topsoil, or as needed to remove existing grass and weeds. Apply natural pre-emergent herbicide per manufacturer specifications. Place 4" depth of 1 to 2.5 inch heartwood douglas fir, untreated, uncertified wood chips. Grade mulch as needed so that edges meet specified finish grades.
4. Fine Cobble Mulch: Clean, washed, round rock, 1/4 to 3/4 inch size. Free of extraneous materials and no fines. Color to match decomposed granite, large boulders and coarse cobble mulch. 3 inch depth.
5. Coarse Cobble Mulch: Clean, washed, round rock, 1 to 3 inch size. Free of extraneous materials. Color to match decomposed granite, large boulder and fine cobble mulch. 4 inch depth.

Planting

1. The landscape construction professional as defined in ORS 671.520 and performing work under this section of the contract shall hold a valid landscape contractor's license in accordance with ORS 671.510 to 671.760.
2. Protect utility lines and site improvements.
3. Submit written confirmation of plant order with landscape bid. Substitution requests for plants must be submitted prior to bidding. Contractor shall verify plant quantities indicated on the Drawings.
4. Comply with minimum requirements for plant quality, grade tolerances, and caliper to height ratios as specified in American Standards for Nursery Stock, ANSI Z60.1. Nursery stock shall be healthy, well branched and rooted, full foliage when in lead, free of disease, injury, insects, weeds, and weed roots. All plant material shall be free of any defects, of normal health, height, leaf density, and spread appropriate to the species. All trees shall be ball and burlap or equivalent.
5. Protect plants against damage and dehydration. Store potted plant materials in shade and protect against harmful weather. Do not plant when air temperature is less than 35°F or above 90°F. Avoid planting during excessively wet weather, when the soil is waterlogged, or cold weather when the ground is frozen.
6. Notify the Landscape Architect of delivery schedule so plant materials may be inspected upon delivery.
7. Place plants for best appearance for review and final orientation by Architect.
8. Set plants vertical.
9. Remove non-biodegradable root containers. Set plants in pits or beds, partly filled with prepared plant mix.
10. Remove burlap, ropes, and wires, from the root ball.
11. Place bare root plant materials so roots lie in a natural position.
12. Backfill soil mixture in 6 inch layers.
13. Maintain plant life in vertical position.
14. Saturate soil with water when the pit or bed is half full of topsoil and again when full.

Plant Support

1. Brace plants vertically with plant protector wrapped guy wires and stakes to the following:
2. Tree Caliper: 1 to 2 inches (25 to 50 mm); Tree Support Method: 2 stakes with two ties

Maintenance

1. Provide maintenance at no extra cost to Owner; Owner will pay for water.
2. Provide a separate maintenance contract for specified maintenance service.
3. Maintain plant life for 12 months after date of Final Acceptance.
4. Maintain plant life immediately after placement and until plants are well established and exhibit a vigorous growing condition. Continue maintenance until termination of warranty period.
5. Irrigate sufficiently to saturate root system and prevent soil from drying out.
6. Remove dead or broken branches and treat pruned areas or other wounds.
7. Neatly trim plants where necessary. Immediately remove clippings after trimming.
8. Control growth of weeds. No chemical herbicides are permitted.
9. Control insect damage and disease. Apply pesticides in accordance with manufacturers instructions. Remedy damage from use of herbicides and pesticides.
10. Replace mulch when deteriorated. Maintain wrappings, guys, turnbuckles, and stakes. Adjust turnbuckles to keep guy wires tight. Repair or replace accessories when required.

Temporary Fencing

1. Provide temporary fencing around Pollinator Garden, to protect from animal browsing. Erect safety fencing at perimeter of garden for 3 months, until plants are established. Safety Fencing: Heavy-duty 4x100' black Uline S-22226BL, or approved equal, installed with T-posts.



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JACKSON COUNTY LIBRARY SERVICES  
 PHOENIX LIBRARY LANDSCAPE DESIGN  
 510 W 1st St, Phoenix, OR 97535



**Project Number**

24-011

**Issuance**

BID SET

**Date**

NOVEMBER 19, 2025

**PROJECT SPECIFICATIONS**

**L0.3**

# TOPOGRAPHIC MAP FOR CRYSTAL ZASTERA JACKSON COUNTY LIBRARY SERVICES



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Project  
Number

24-011

Issuance

LANDSCAPE BID SET

Date

NOVEMBER 19, 2025

SITE  
SURVEY

L0.4

SITE:  
PHOENIX PUBLIC LIBRARY  
510 W. 1ST STREET  
PHOENIX, OREGON 97535

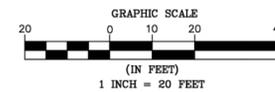
DATE: 06-06-2024  
SCALE: 1" = 20'

### LEGEND

	COMMUNICATIONS PEDESTAL
	CURB INLET
	CULVERT
	DROP GRATE
	ELECTRIC BOX
	ELECTRIC METER
	ELECTRIC PANEL (OR AS NOTED)
	ROCK 1'x1'
	FLAG POLE
	GAS METER
	GAS VALVE
	LIGHT POLE
	MAIL BOX
	POST (METAL)
	ROOF DRAIN
	SEWER CLEANOUT
	SEWER MANHOLE
	SIGN (PRIVATE)
	STAND PIPE (WATER)
	WATER METER
	UTILITY POLE
	WATER VALVE BOX
	BOUNDARY LINE (SEE NOTE 1)
	BUILDING EAVE
	FENCE (6' CHAINLINK)
	FENCE (6' WOOD)
	FENCE (6' WROUGHT IRON)
	O/HU O/HU OVERHEAD UTILITY LINE
	F/O F/O UNDERGROUND COMMUNICATION
	UGE UGE UNDERGROUND ELECTRIC
	G G UNDERGROUND GAS
	SS SS UNDERGROUND SEWER
	SD SD UNDERGROUND STORM
	W W UNDERGROUND WATER
	APPROXIMATE TREE DRIP
	TREE NUMBER (SEE SHEET 2)
	ASPHALT SURFACE
	CONCRETE SURFACE
	GRAVEL SURFACE

### PROJECT NOTES:

- BOUNDARY LINES SHOWN ARE PER FIELD RECOVERED PROPERTY CORNERS AND RECORD DATA PER FILED SURVEY NUMBER 19382. THESE LINES ARE SUBJECT TO CHANGE SHOULD A FULLY RESOLVED BOUNDARY SURVEY BE PERFORMED.
- BASIS OF BEARING IS PER FILED SURVEY NUMBER 19382.
- VERTICAL DATUM IS NGVD88 (GEOID 18).
- UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY TIES OF LOCATE PAINT PER O.U.N.C. TICKET #24134232. NO ATTEMPT WAS MADE TO LOCATE HIDDEN UTILITIES.
- NO EASEMENTS ARE SHOWN AND NO EASEMENT RESEARCH WAS PERFORMED. THE PROPERTY SHOWN HEREIN MAY BE SUBJECT TO EASEMENTS AND RESTRICTION OF RECORD THAT WOULD BE REVEALED THROUGH A TITLE REPORT.
- ROOF DRAINS TO UNDERGROUND SYSTEM.
- CONTOURS ARE 1' INTERVALS.



**TERRASURVEY, INC**  
PROFESSIONAL LAND SURVEYORS  
270 FOURTH STREET  
ASHLAND, OREGON 97520  
(541) 482-6474  
terraim@bisp.net  
JOB NO. 1837-24

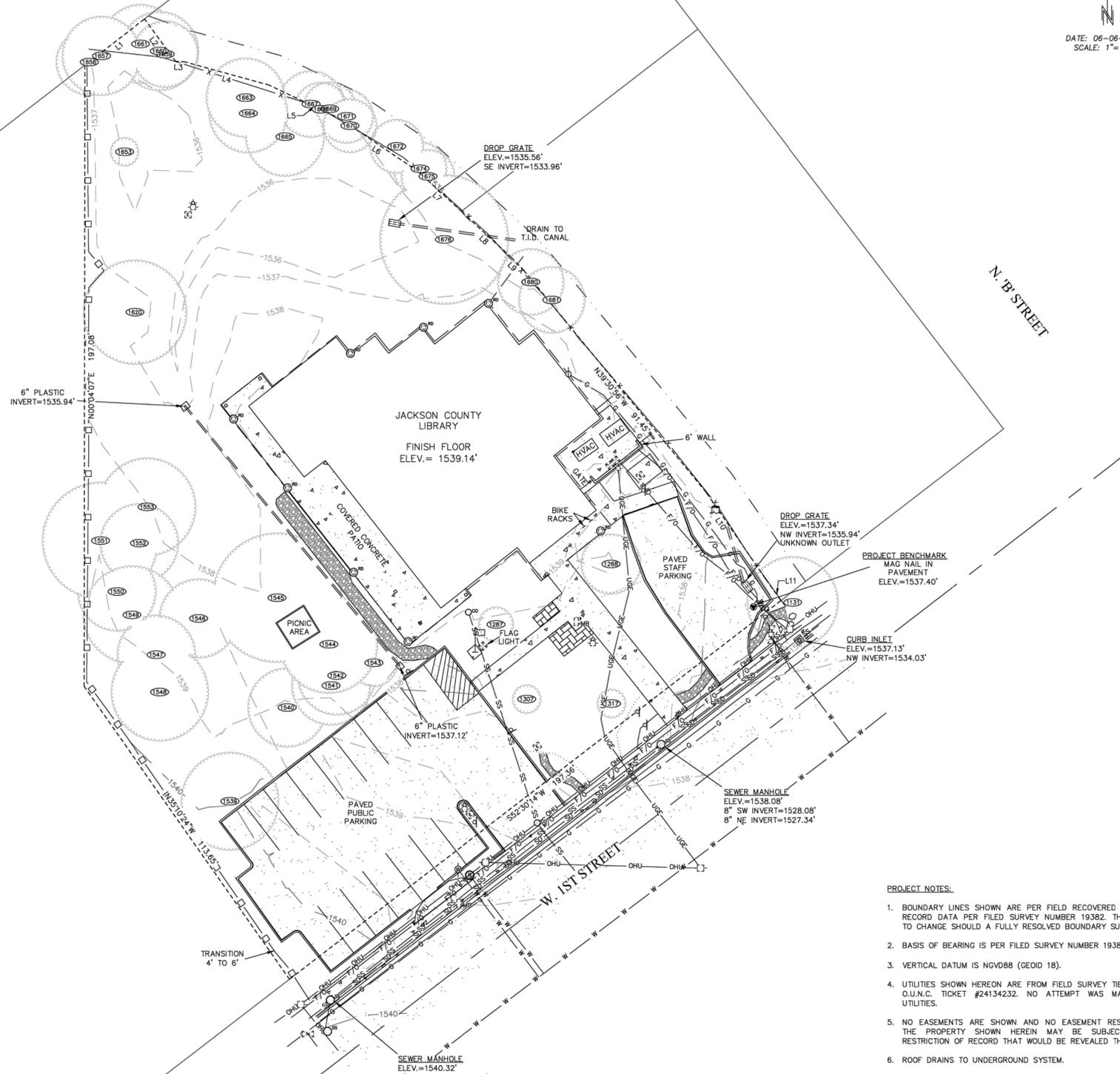
REGISTERED  
PROFESSIONAL  
LAND SURVEYOR

PHILIP J. DROSSOS  
No. 89718

Renewal 12-31-25

POINT #	TYPE	DIAMETER	NOTES
1131	DECIDUOUS	12"	
1268	DECIDUOUS	8"	
1287	DECIDUOUS	5"	
1307	DECIDUOUS	4"	
1317	DECIDUOUS	4"	
1539	PINE	36"	
1540	PINE	22"	
1541	PINE	24"	
1542	PINE	18"	
1543	DECIDUOUS	5"	
1544	PINE	24"	
1545	PINE	36"	
1546	PINE	18"	
1547	PINE	28"	
1548	PINE	28"	
1549	PINE	24"	
1550	PINE	18"	
1551	PINE	36"	
1552	PINE	24"	
1553	PINE	28"	
1620	PINE	36"	
1653	CONIFER	4"	
1656	DECIDUOUS	8"	
1657	CONIFER	14"	
1659	DECIDUOUS	8"	
1660	CONIFER	12"	
1661	CONIFER	10"	GROUP#3
1663	PINE	24"	
1664	PINE	30"	
1665	PINE	30"	
1667	DECIDUOUS	8"	
1668	DECIDUOUS	6"	
1669	CONIFER	10"	
1670	CONIFER	8"	
1671	DECIDUOUS	8"	
1672	CONIFER	8"	
1674	CONIFER	8"	
1675	CONIFER	10"	
1676	CONIFER	36"	
1680	CONIFER	12"	
1681	CONIFER	12"	

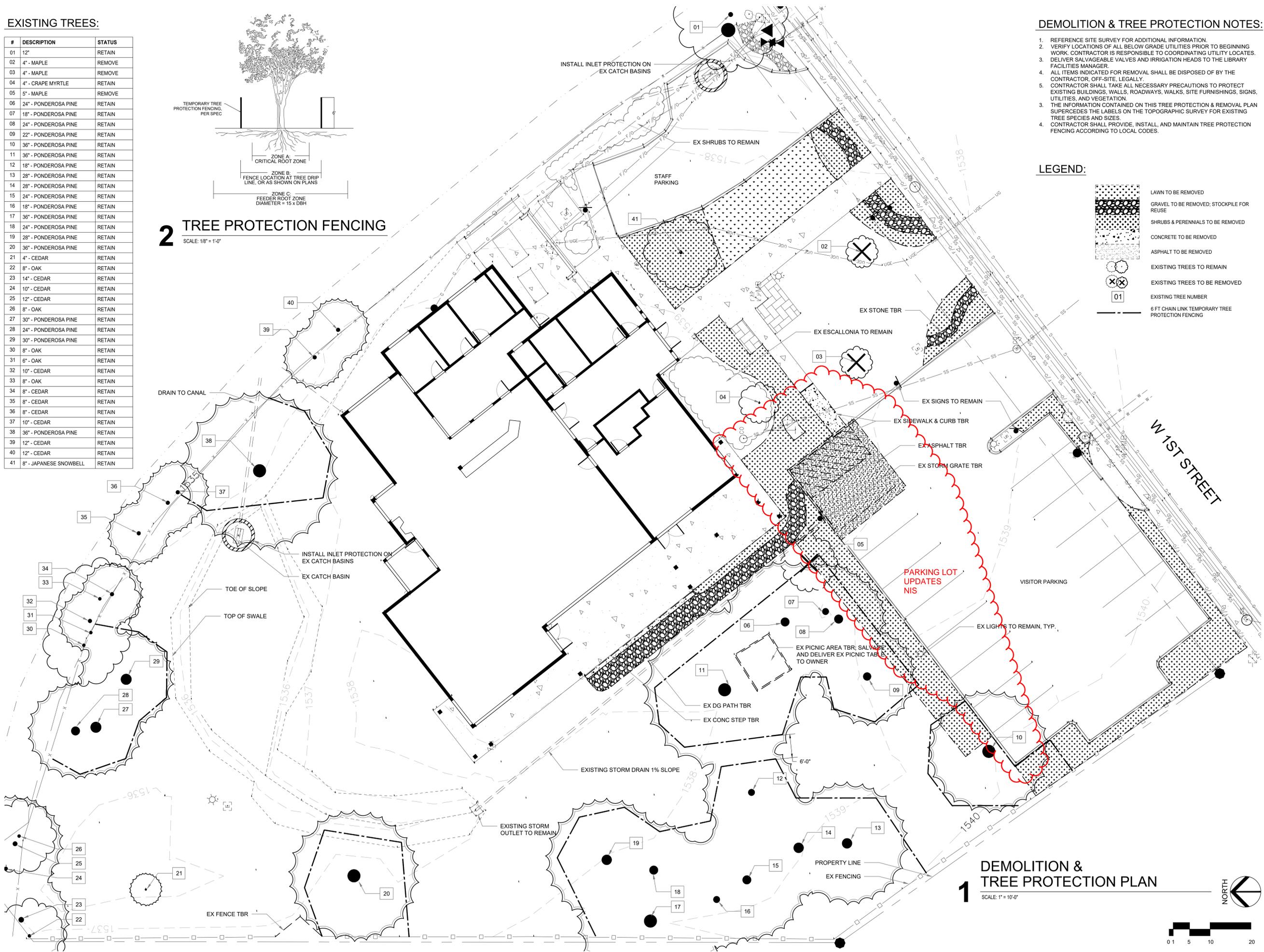
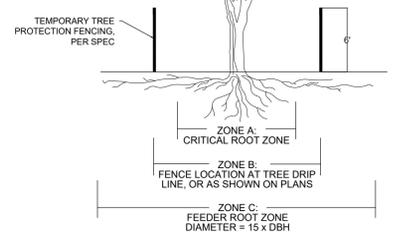
LINE	BEARING	DISTANCE
L2	N36°20'02"W	16.68'
L3	N86°39'36"W	2.86'
L4	N74°40'55"W	27.82'
L5	N64°47'04"W	25.23'
L6	N55°59'43"W	29.58'
L7	N47°34'24"W	19.03'
L8	N47°34'24"W	21.78'
L9	N43°46'43"W	5.42'
L10	N34°33'53"W	33.29'
L11	N35°29'35"W	8.41'
L1	N52°27'32"E	24.05'



**EXISTING TREES:**

#	DESCRIPTION	STATUS
01	12"	RETAIN
02	4" - MAPLE	REMOVE
03	4" - MAPLE	REMOVE
04	4" - CRAPE MYRTLE	RETAIN
05	5" - MAPLE	REMOVE
06	24" - PONDEROSA PINE	RETAIN
07	18" - PONDEROSA PINE	RETAIN
08	24" - PONDEROSA PINE	RETAIN
09	22" - PONDEROSA PINE	RETAIN
10	36" - PONDEROSA PINE	RETAIN
11	36" - PONDEROSA PINE	RETAIN
12	18" - PONDEROSA PINE	RETAIN
13	28" - PONDEROSA PINE	RETAIN
14	28" - PONDEROSA PINE	RETAIN
15	24" - PONDEROSA PINE	RETAIN
16	18" - PONDEROSA PINE	RETAIN
17	36" - PONDEROSA PINE	RETAIN
18	24" - PONDEROSA PINE	RETAIN
19	28" - PONDEROSA PINE	RETAIN
20	36" - PONDEROSA PINE	RETAIN
21	4" - CEDAR	RETAIN
22	8" - OAK	RETAIN
23	14" - CEDAR	RETAIN
24	10" - CEDAR	RETAIN
25	12" - CEDAR	RETAIN
26	8" - OAK	RETAIN
27	30" - PONDEROSA PINE	RETAIN
28	24" - PONDEROSA PINE	RETAIN
29	30" - PONDEROSA PINE	RETAIN
30	8" - OAK	RETAIN
31	6" - OAK	RETAIN
32	10" - CEDAR	RETAIN
33	8" - OAK	RETAIN
34	8" - CEDAR	RETAIN
35	8" - CEDAR	RETAIN
36	8" - CEDAR	RETAIN
37	10" - CEDAR	RETAIN
38	36" - PONDEROSA PINE	RETAIN
39	12" - CEDAR	RETAIN
40	12" - CEDAR	RETAIN
41	8" - JAPANESE SNOWBELL	RETAIN

**2 TREE PROTECTION FENCING**  
SCALE: 1/8" = 1'-0"



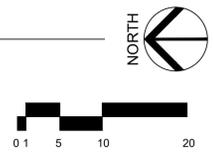
**DEMOLITION & TREE PROTECTION NOTES:**

1. REFERENCE SITE SURVEY FOR ADDITIONAL INFORMATION.
2. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE TO COORDINATING UTILITY LOCATES.
3. DELIVER SALVAGEABLE VALVES AND IRRIGATION HEADS TO THE LIBRARY FACILITIES MANAGER.
4. ALL ITEMS INDICATED FOR REMOVAL SHALL BE DISPOSED OF BY THE CONTRACTOR, OFF-SITE, LEGALLY.
5. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING BUILDINGS, WALLS, ROADWAYS, WALKS, SITE FURNISHINGS, SIGNS, UTILITIES, AND VEGETATION.
3. THE INFORMATION CONTAINED ON THIS TREE PROTECTION & REMOVAL PLAN SUPERCEDES THE LABELS ON THE TOPOGRAPHIC SURVEY FOR EXISTING TREE SPECIES AND SIZES.
4. CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN TREE PROTECTION FENCING ACCORDING TO LOCAL CODES.

**LEGEND:**

- LAWN TO BE REMOVED
- GRAVEL TO BE REMOVED; STOCKPILE FOR REUSE
- SHRUBS & PERENNIALS TO BE REMOVED
- CONCRETE TO BE REMOVED
- ASPHALT TO BE REMOVED
- EXISTING TREES TO REMAIN
- EXISTING TREES TO BE REMOVED
- EXISTING TREE NUMBER
- 6 FT CHAIN LINK TEMPORARY TREE PROTECTION FENCING

**1 DEMOLITION & TREE PROTECTION PLAN**  
SCALE: 1" = 10'-0"



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Project Number 24-011

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Date NOVEMBER 19, 2025

DEMOLITION & TREE PROTECTION PLAN

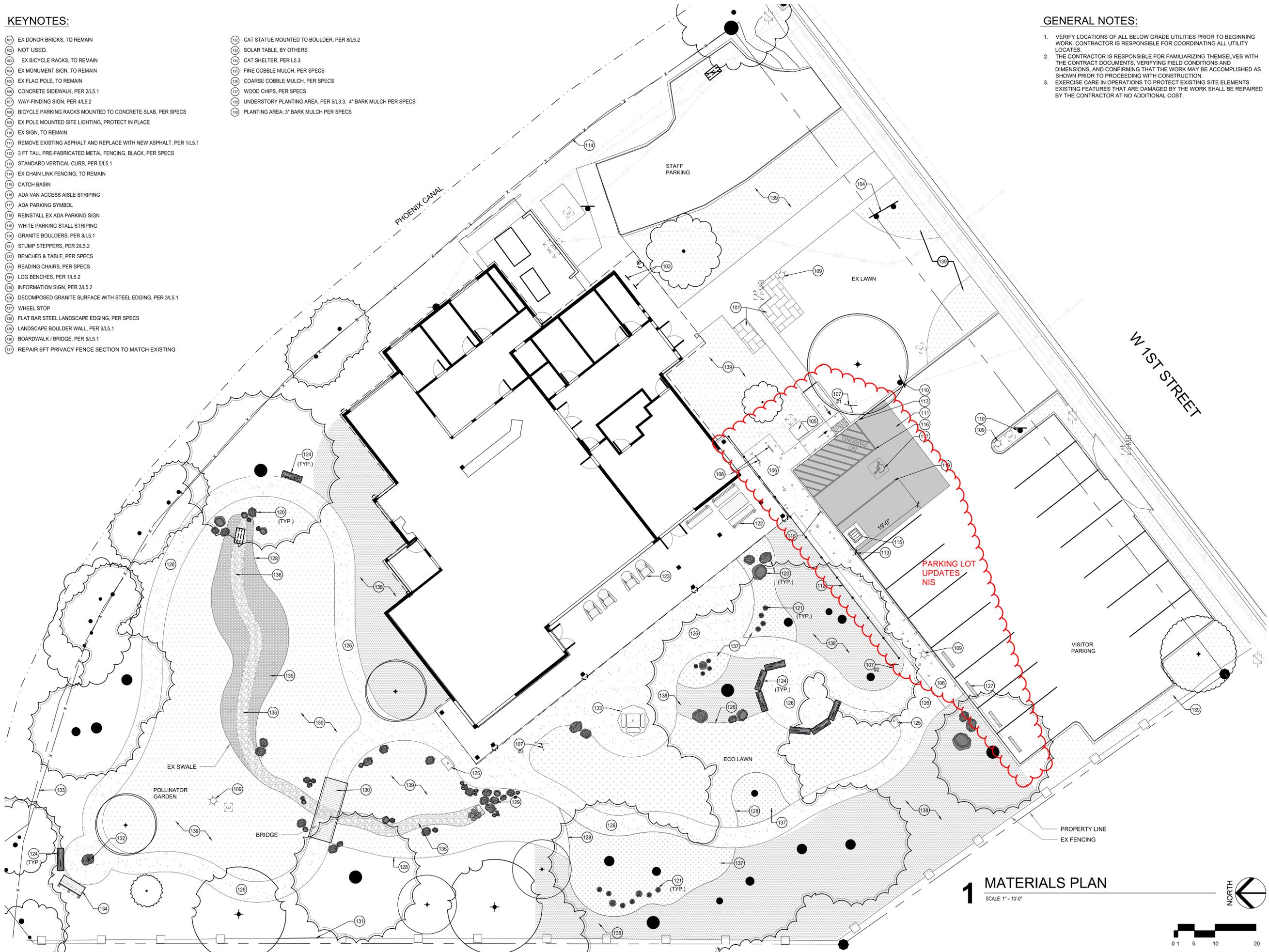
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**KEYNOTES:**

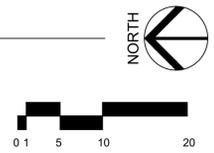
- 101 EX DONOR BRICKS, TO REMAIN
- 102 NOT USED.
- 103 EX BICYCLE RACKS, TO REMAIN
- 104 EX MONUMENT SIGN, TO REMAIN
- 105 EX FLAG POLE, TO REMAIN
- 106 CONCRETE SIDEWALK, PER 2/L5.1
- 107 WAY-FINDING SIGN, PER 4/L5.2
- 108 BICYCLE PARKING RACKS MOUNTED TO CONCRETE SLAB, PER SPECS
- 109 EX POLE MOUNTED SITE LIGHTING, PROTECT IN PLACE
- 110 EX SIGN, TO REMAIN
- 111 REMOVE EXISTING ASPHALT AND REPLACE WITH NEW ASPHALT, PER 1/L5.1
- 112 3 FT TALL PRE-FABRICATED METAL FENCING, BLACK, PER SPECS
- 113 STANDARD VERTICAL CURB, PER 5/L5.1
- 114 EX CHAIN LINK FENCING, TO REMAIN
- 115 CATCH BASIN
- 116 ADA VAN ACCESS AISLE STRIPING
- 117 ADA PARKING SYMBOL
- 118 REINSTALL EX ADA PARKING SIGN
- 119 WHITE PARKING STALL STRIPING
- 120 GRANITE BOULDERS, PER 8/L5.1
- 121 STUMP STEPPERS, PER 2/L5.2
- 122 BENCHES & TABLE, PER SPECS
- 123 READING CHAIRS, PER SPECS
- 124 LOG BENCHES, PER 1/L5.2
- 125 INFORMATION SIGN, PER 3/L5.2
- 126 DECOMPOSED GRANITE SURFACE WITH STEEL EDGING, PER 3/L5.1
- 127 WHEEL STOP
- 128 FLAT BAR STEEL LANDSCAPE EDGING, PER SPECS
- 129 LANDSCAPE BOULDER WALL, PER 9/L5.1
- 130 BOARDWALK / BRIDGE, PER 5/L5.1
- 131 REPAIR 6FT PRIVACY FENCE SECTION TO MATCH EXISTING
- 132 CAT STATUE MOUNTED TO BOULDER, PER 8/L5.2
- 133 SOLAR TABLE, BY OTHERS
- 134 CAT SHELTER, PER L5.3
- 135 FINE COBBLE MULCH, PER SPECS
- 136 COARSE COBBLE MULCH, PER SPECS
- 137 WOOD CHIPS, PER SPECS
- 138 UNDERSTORY PLANTING AREA, PER 5/L3.3. 4" BARK MULCH PER SPECS
- 139 PLANTING AREA, 3" BARK MULCH PER SPECS

**GENERAL NOTES:**

1. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL UTILITY LOCATES.
2. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE CONTRACT DOCUMENTS, VERIFYING FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. EXERCISE CARE IN OPERATIONS TO PROTECT EXISTING SITE ELEMENTS. EXISTING FEATURES THAT ARE DAMAGED BY THE WORK SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.



**1 MATERIALS PLAN**  
SCALE: 1" = 10'-0"



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**MATERIALS PLAN**

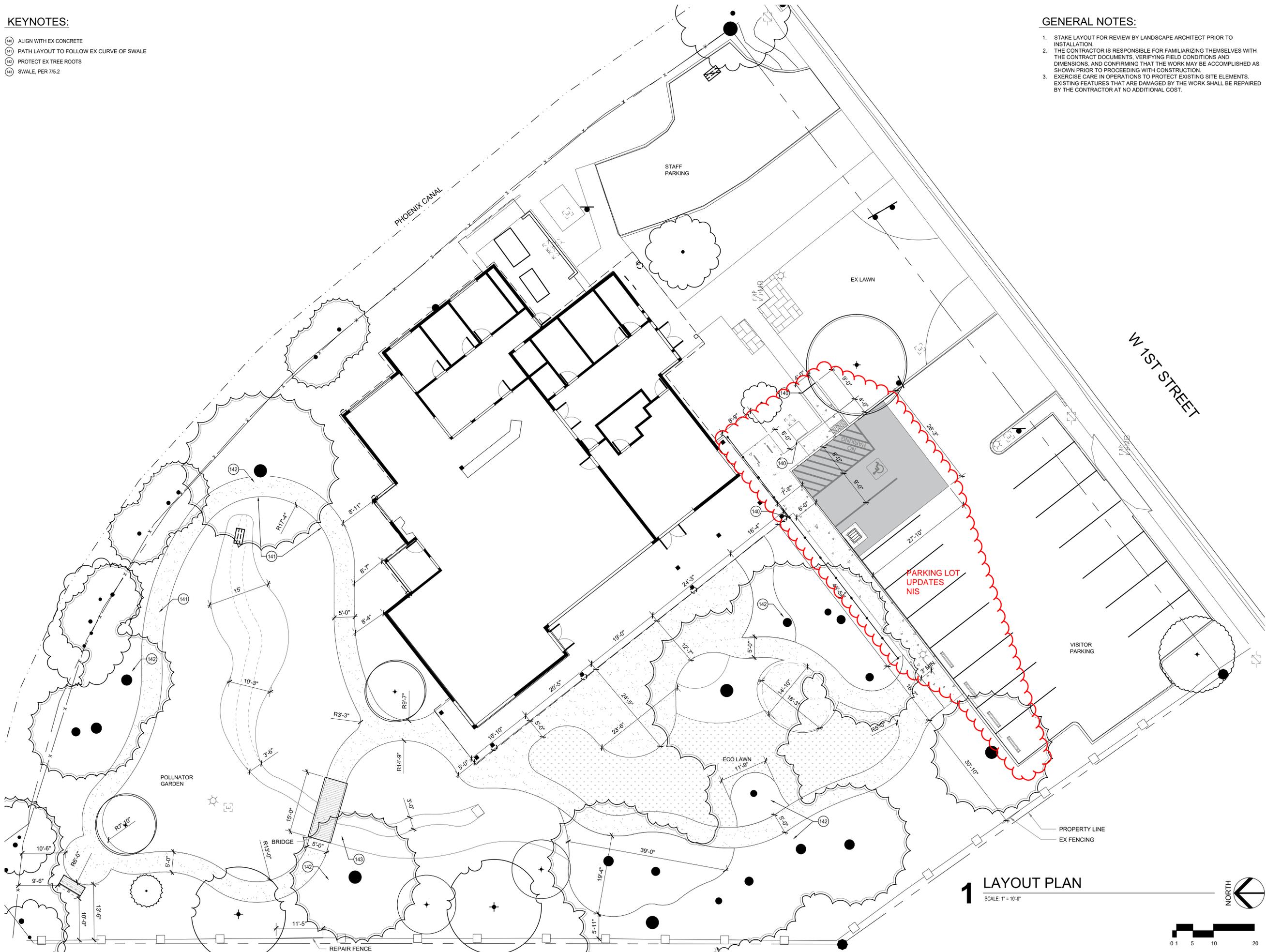
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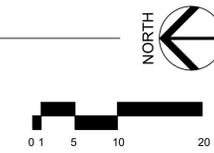
- (140) ALIGN WITH EX CONCRETE
- (141) PATH LAYOUT TO FOLLOW EX CURVE OF SWALE
- (142) PROTECT EX TREE ROOTS
- (143) SWALE, PER 7/5.2

**GENERAL NOTES:**

1. STAKE LAYOUT FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE CONTRACT DOCUMENTS, VERIFYING FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. EXERCISE CARE IN OPERATIONS TO PROTECT EXISTING SITE ELEMENTS. EXISTING FEATURES THAT ARE DAMAGED BY THE WORK SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.



**1 LAYOUT PLAN**  
SCALE: 1" = 10'-0"



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LAYOUT PLAN

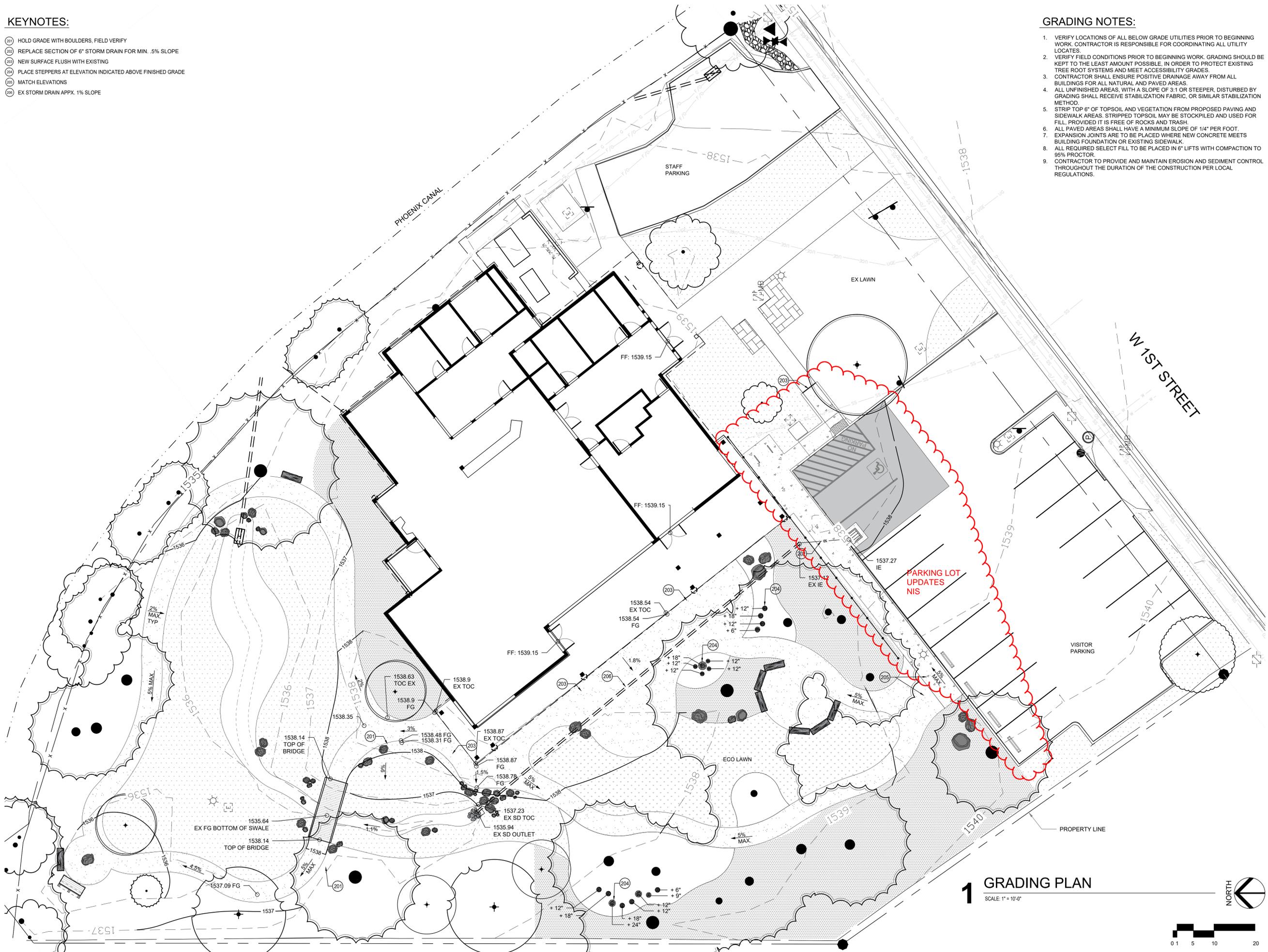
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**KEYNOTES:**

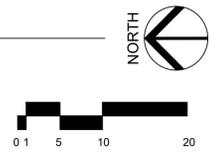
- Ⓜ HOLD GRADE WITH BOULDERS, FIELD VERIFY
- Ⓜ REPLACE SECTION OF 6" STORM DRAIN FOR MIN. .5% SLOPE
- Ⓜ NEW SURFACE FLUSH WITH EXISTING
- Ⓜ PLACE STEPPERS AT ELEVATION INDICATED ABOVE FINISHED GRADE
- Ⓜ MATCH ELEVATIONS
- Ⓜ EX STORM DRAIN APPX. 1% SLOPE

**GRADING NOTES:**

1. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL UTILITY LOCATES.
2. VERIFY FIELD CONDITIONS PRIOR TO BEGINNING WORK. GRADING SHOULD BE KEPT TO THE LEAST AMOUNT POSSIBLE, IN ORDER TO PROTECT EXISTING TREE ROOT SYSTEMS AND MEET ACCESSIBILITY GRADES.
3. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
4. ALL UNFINISHED AREAS, WITH A SLOPE OF 3:1 OR STEEPER, DISTURBED BY GRADING SHALL RECEIVE STABILIZATION FABRIC, OR SIMILAR STABILIZATION METHOD.
5. STRIP TOP 6" OF TOPSOIL AND VEGETATION FROM PROPOSED PAVING AND SIDEWALK AREAS. STRIPPED TOPSOIL MAY BE STOCKPILED AND USED FOR FILL, PROVIDED IT IS FREE OF ROCKS AND TRASH.
6. ALL PAVED AREAS SHALL HAVE A MINIMUM SLOPE OF 1/4" PER FOOT.
7. EXPANSION JOINTS ARE TO BE PLACED WHERE NEW CONCRETE MEETS BUILDING FOUNDATION OR EXISTING SIDEWALK.
8. ALL REQUIRED SELECT FILL TO BE PLACED IN 6" LIFTS WITH COMPACTION TO 95% PROCTOR.
9. CONTRACTOR TO PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROL THROUGHOUT THE DURATION OF THE CONSTRUCTION PER LOCAL REGULATIONS.



**1 GRADING PLAN**  
SCALE: 1" = 10'-0"



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GRADING PLAN

L2.1





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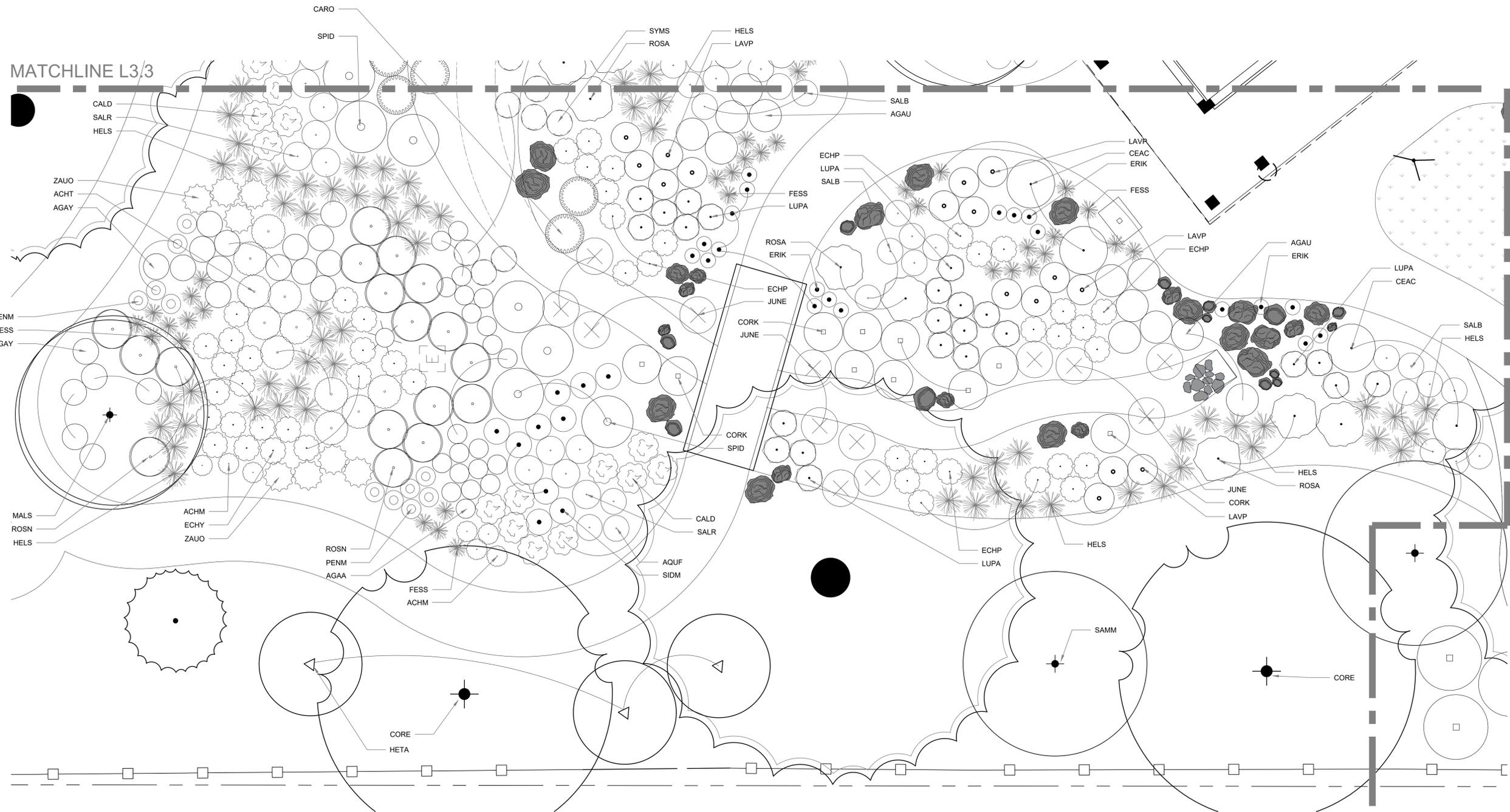
LANDSCAPE BID SET

Date

NOVEMBER 19, 2025

ENLARGED  
PLANTING PLAN

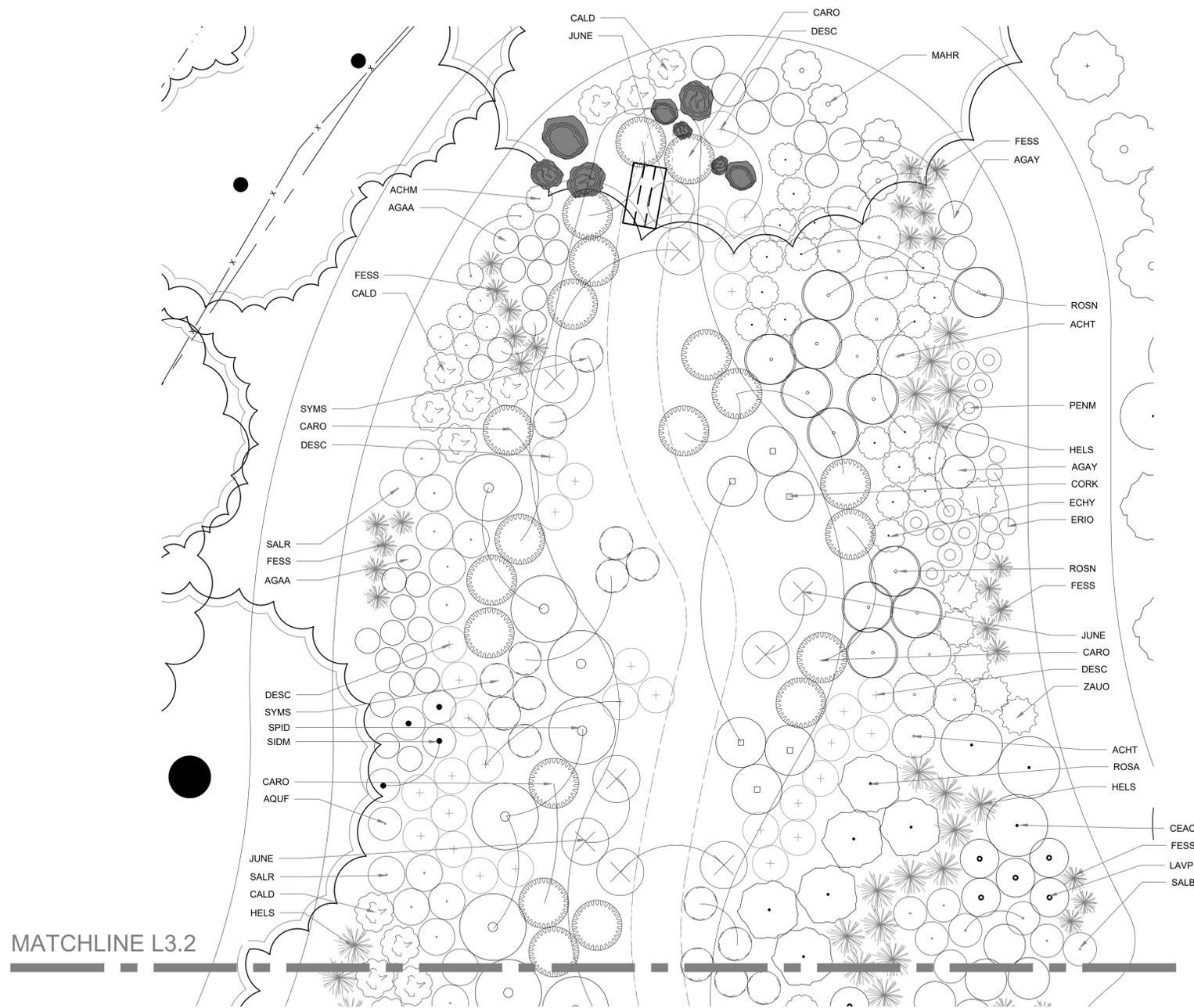
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# 1 POLLINATOR GARDEN - SOUTH

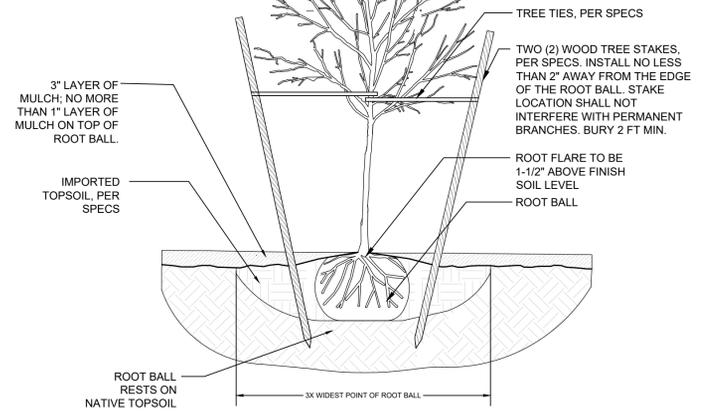
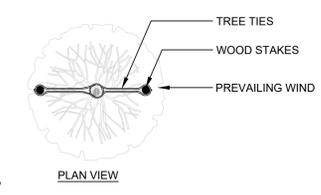
SCALE: 1/4" = 1'-0"





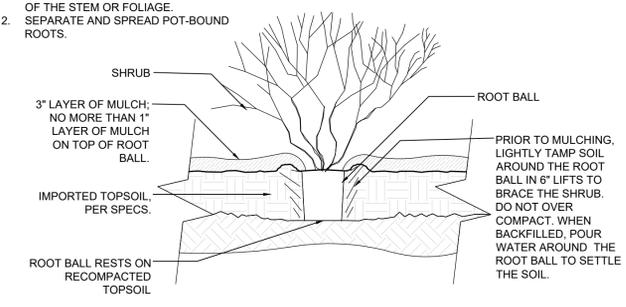
**1 POLLINATOR GARDEN - NORTH**  
 SCALE: 1/4" = 1'-0"  
 NORTH

- NOTE:
1. SCARIFY THE SIDES OF THE PLANTING HOLE PRIOR TO PLACING TOPSOIL.
  2. ALL MULCH AND WOOD CHIPS SHALL BE REMOVED FROM THE CROWN OF THE TREE, NOT COVERING ANY PART OF THE TRUNK.
  3. PRUNE ONLY AFTER REVIEW WITH LANDSCAPE ARCHITECT.

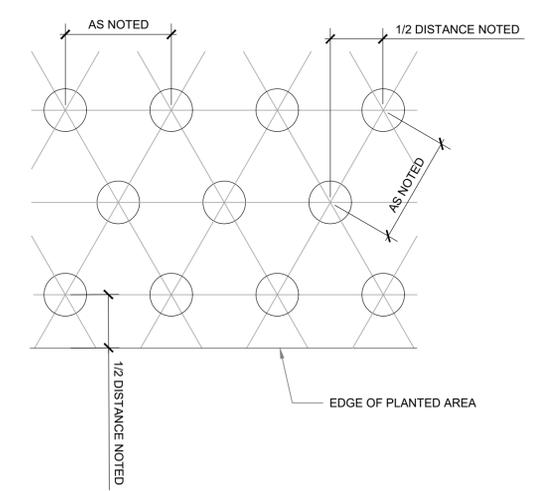


**2 TREE PLANTING**  
 SCALE: 1/2" = 1'-0"

- NOTE:
1. ALL MULCH AND WOOD CHIPS SHALL BE REMOVED FROM THE CROWN OF THE PLANT, NOT COVERING ANY PART OF THE STEM OR FOLIAGE.
  2. SEPARATE AND SPREAD POT-BOUND ROOTS.

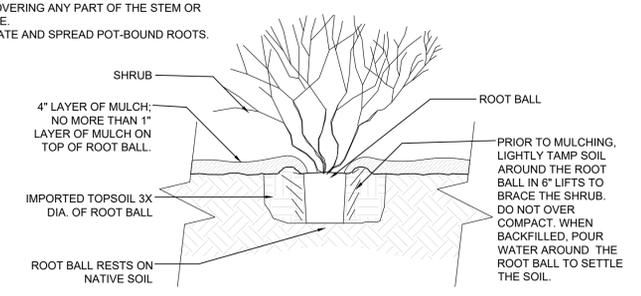


**3 SHRUB PLANTING, TYPICAL**  
 SCALE: 1/2" = 1'-0"



**4 GROUNDCOVER PLANTING**  
 SCALE: 1/2" = 1'-0"

- NOTE:
1. SCARIFY THE SIDES OF THE PLANTING HOLE PRIOR TO PLACING TOPSOIL.
  2. ALL MULCH AND WOOD CHIPS SHALL BE REMOVED FROM THE CROWN OF THE PLANT, NOT COVERING ANY PART OF THE STEM OR FOLIAGE.
  3. SEPARATE AND SPREAD POT-BOUND ROOTS.

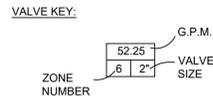


**5 SHRUB PLANTING, UNDERSTORY**  
 SCALE: 1/2" = 1'-0"

IRRIGATION LEGEND

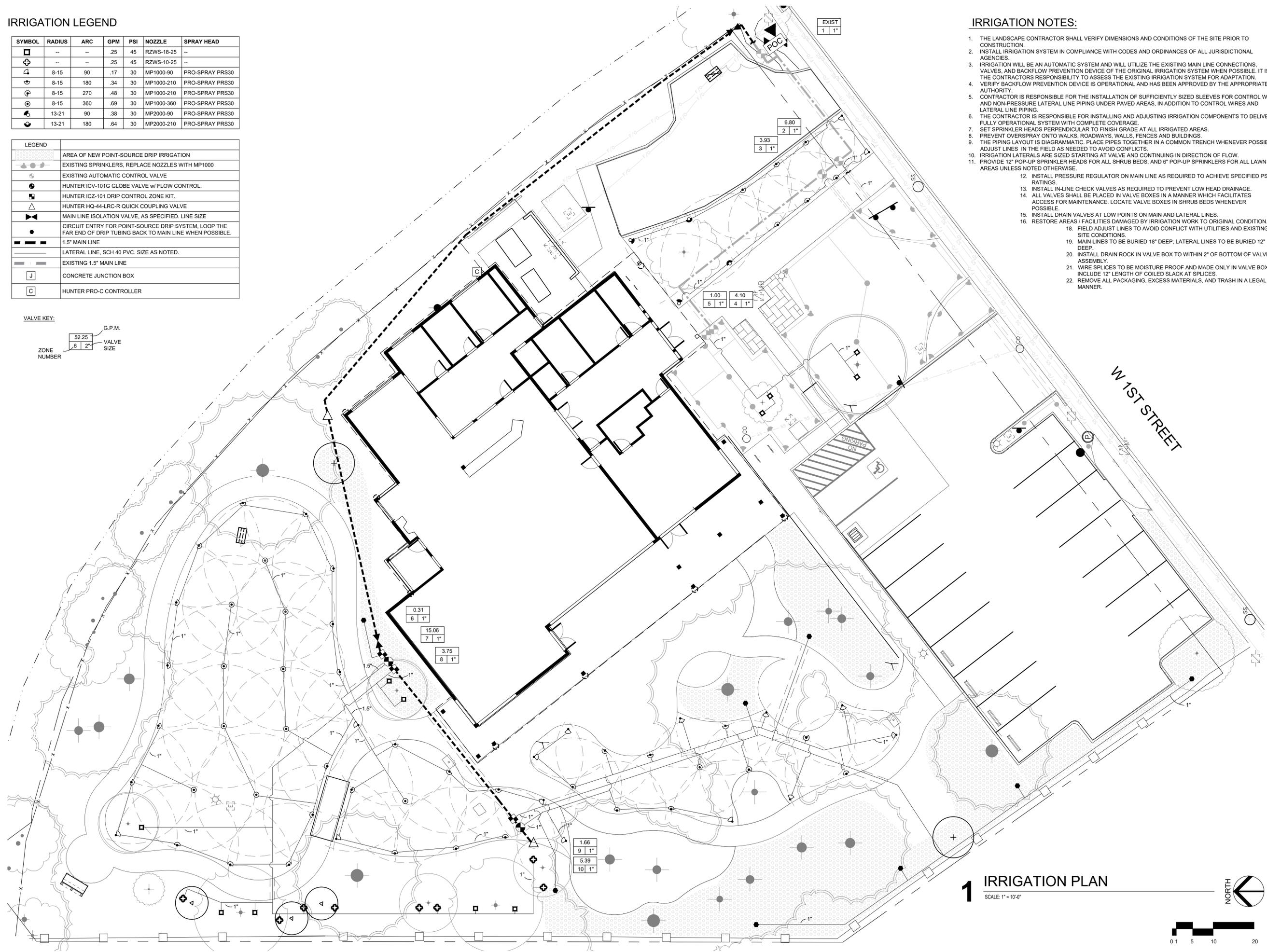
SYMBOL	RADIUS	ARC	GPM	PSI	NOZZLE	SPRAY HEAD
	--	--	.25	45	RZWS-18-25	--
	--	--	.25	45	RZWS-10-25	--
	8-15	90	.17	30	MP1000-90	PRO-SPRAY PRS30
	8-15	180	.34	30	MP1000-210	PRO-SPRAY PRS30
	8-15	270	.48	30	MP1000-210	PRO-SPRAY PRS30
	8-15	360	.69	30	MP1000-360	PRO-SPRAY PRS30
	13-21	90	.38	30	MP2000-90	PRO-SPRAY PRS30
	13-21	180	.64	30	MP2000-210	PRO-SPRAY PRS30

LEGEND	
	AREA OF NEW POINT-SOURCE DRIP IRRIGATION
	EXISTING SPRINKLERS, REPLACE NOZZLES WITH MP1000
	EXISTING AUTOMATIC CONTROL VALVE
	HUNTER ICV-101G GLOBE VALVE w/ FLOW CONTROL.
	HUNTER ICZ-101 DRIP CONTROL ZONE KIT.
	HUNTER HQ-44-LRC-R QUICK COUPLING VALVE
	MAIN LINE ISOLATION VALVE, AS SPECIFIED. LINE SIZE
	CIRCUIT ENTRY FOR POINT-SOURCE DRIP SYSTEM, LOOP THE FAR END OF DRIP TUBING BACK TO MAIN LINE WHEN POSSIBLE.
	1.5" MAIN LINE
	LATERAL LINE, SCH 40 PVC. SIZE AS NOTED.
	EXISTING 1.5" MAIN LINE
	CONCRETE JUNCTION BOX
	HUNTER PRO-C CONTROLLER



IRRIGATION NOTES:

1. THE LANDSCAPE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS OF THE SITE PRIOR TO CONSTRUCTION.
2. INSTALL IRRIGATION SYSTEM IN COMPLIANCE WITH CODES AND ORDINANCES OF ALL JURISDICTIONAL AGENCIES.
3. IRRIGATION WILL BE AN AUTOMATIC SYSTEM AND WILL UTILIZE THE EXISTING MAIN LINE CONNECTIONS, VALVES, AND BACKFLOW PREVENTION DEVICE OF THE ORIGINAL IRRIGATION SYSTEM WHEN POSSIBLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSESS THE EXISTING IRRIGATION SYSTEM FOR ADAPTATION.
4. VERIFY BACKFLOW PREVENTION DEVICE IS OPERATIONAL AND HAS BEEN APPROVED BY THE APPROPRIATE AUTHORITY.
5. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF SUFFICIENTLY SIZED SLEEVES FOR CONTROL WIRES AND NON-PRESSURE LATERAL LINE PIPING UNDER PAVED AREAS, IN ADDITION TO CONTROL WIRES AND LATERAL LINE PIPING.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND ADJUSTING IRRIGATION COMPONENTS TO DELIVER A FULLY OPERATIONAL SYSTEM WITH COMPLETE COVERAGE.
7. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE AT ALL IRRIGATED AREAS.
8. PREVENT OVERSPRAY ONTO WALKS, ROADWAYS, WALLS, FENCES AND BUILDINGS.
9. THE PIPING LAYOUT IS DIAGRAMMATIC. PLACE PIPES TOGETHER IN A COMMON TRENCH WHENEVER POSSIBLE. ADJUST LINES IN THE FIELD AS NEEDED TO AVOID CONFLICTS.
10. IRRIGATION LATERALS ARE SIZED STARTING AT VALVE AND CONTINUING IN DIRECTION OF FLOW.
11. PROVIDE 12" POP-UP SPRINKLER HEADS FOR ALL SHRUB BEDS, AND 6" POP-UP SPRINKLERS FOR ALL LAWN AREAS UNLESS NOTED OTHERWISE.
12. INSTALL PRESSURE REGULATOR ON MAIN LINE AS REQUIRED TO ACHIEVE SPECIFIED PSI RATINGS.
13. INSTALL IN-LINE CHECK VALVES AS REQUIRED TO PREVENT LOW HEAD DRAINAGE.
14. ALL VALVES SHALL BE PLACED IN VALVE BOXES IN A MANNER WHICH FACILITATES ACCESS FOR MAINTENANCE. LOCATE VALVE BOXES IN SHRUB BEDS WHENEVER POSSIBLE.
15. INSTALL DRAIN VALVES AT LOW POINTS ON MAIN AND LATERAL LINES.
16. RESTORE AREAS / FACILITIES DAMAGED BY IRRIGATION WORK TO ORIGINAL CONDITION.
17. FIELD ADJUST LINES TO AVOID CONFLICT WITH UTILITIES AND EXISTING SITE CONDITIONS.
18. MAIN LINES TO BE BURIED 18" DEEP; LATERAL LINES TO BE BURIED 12" DEEP.
19. INSTALL LATERAL ROCK IN VALVE BOX TO WITHIN 2" OF BOTTOM OF VALVE ASSEMBLY.
20. WIRE SPLICES TO BE MOISTURE PROOF AND MADE ONLY IN VALVE BOXES. INCLUDE 12" LENGTH OF COILED SLACK AT SPLICES.
21. REMOVE ALL PACKAGING, EXCESS MATERIALS, AND TRASH IN A LEGAL MANNER.



1 IRRIGATION PLAN

SCALE: 1" = 10'-0"



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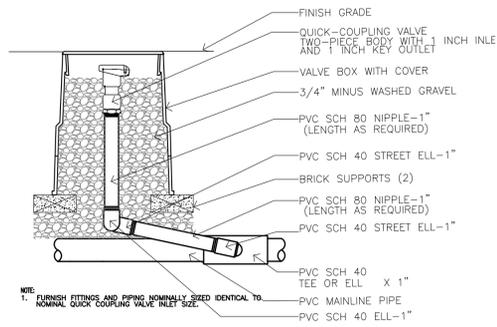
Project Number  
24-011

Issuance  
LANDSCAPE BID SET

Date  
NOVEMBER 19, 2025

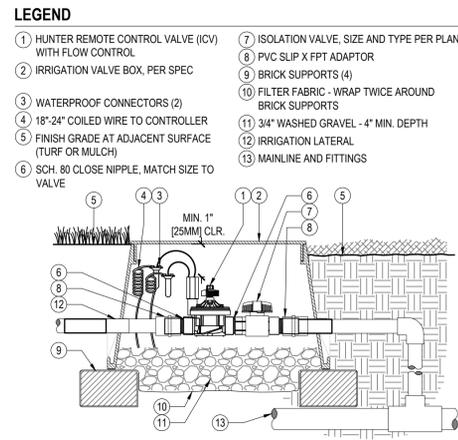
IRRIGATION PLAN

L4.1



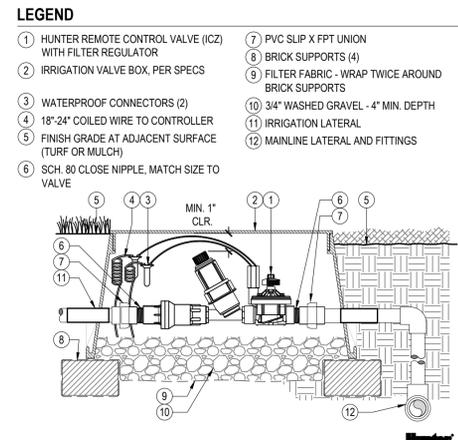
# 1 QUICK COUPLER

NOT TO SCALE



# 2 AUTOMATIC CONTROL ZONE

NOT TO SCALE

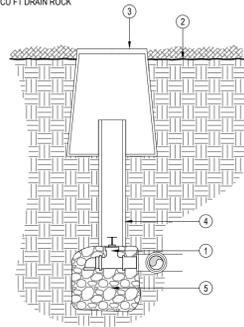


# 3 DRIP CONTROL ZONE KIT

NOT TO SCALE

### LEGEND

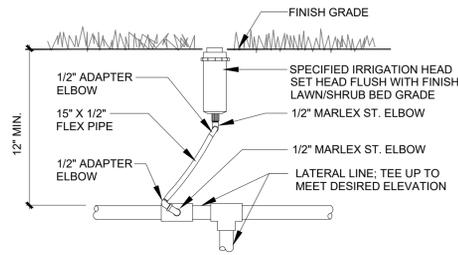
- 1 MANUAL DRAIN VALVE
- 2 FINISH GRADE, MULCH OR TURF
- 3 VALVE BOX, PER SPEC
- 4 4\"/>



# 4 MANUAL DRAIN VALVE

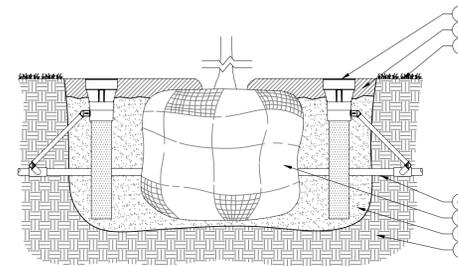
NOT TO SCALE

NOTE:  
1. INSTALL IRRIGATION HEADS PERPENDICULAR TO THE SLOPE OF THE FINISH GRADE.



# 5 SPRAY DETAIL

NOT TO SCALE



### LEGEND:

- 1 18\"/>

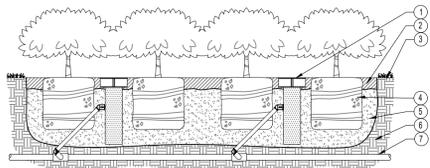
NOTES  
INSTALL RZWS SLEEVE OVER TUBE TO HELP PREVENT SOIL INTRUSION

# 6 TREE ROOT ZONE WATERING - 18"

NOT TO SCALE

### LEGEND:

- 1 10\"/>



NOTES  
INSTALL RZWS SLEEVE OVER TUBE TO HELP PREVENT SOIL INTRUSION

# 7 SHRUB ROOT ZONE WATERING - 10"

NOT TO SCALE



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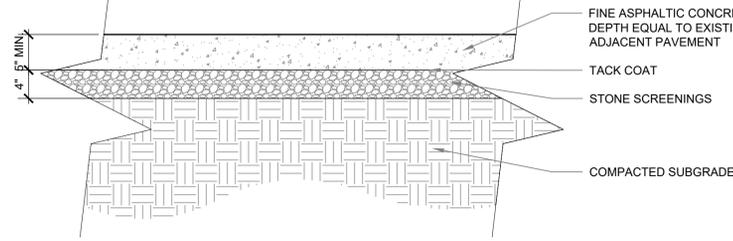
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IRRIGATION  
DETAILS

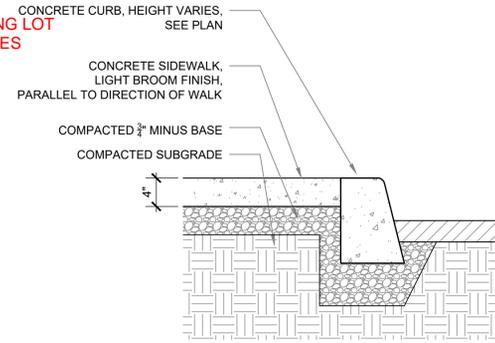
L4.2

PARKING LOT  
UPDATES  
NIS

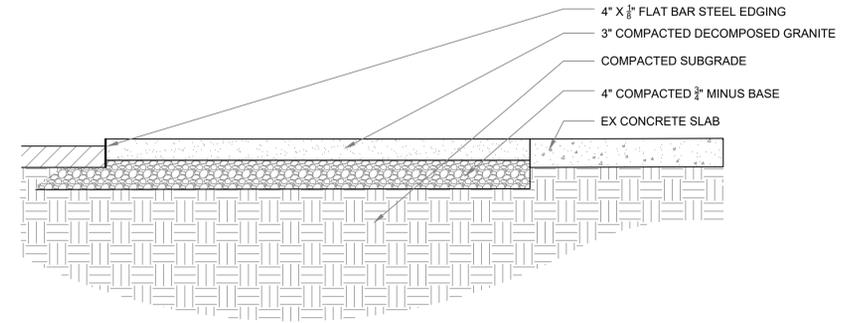


**1 ASPHALT PAVEMENT**  
SCALE: 1" = 1' 0"

PARKING LOT  
UPDATES  
NIS

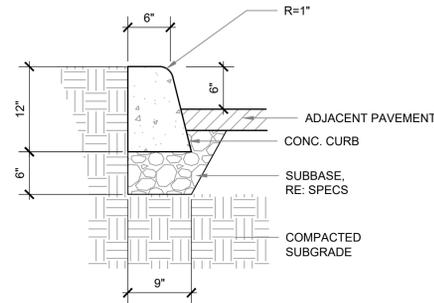


**2 UNREINFORCED CONCRETE PAVING**  
SCALE: 1" = 1' 0"

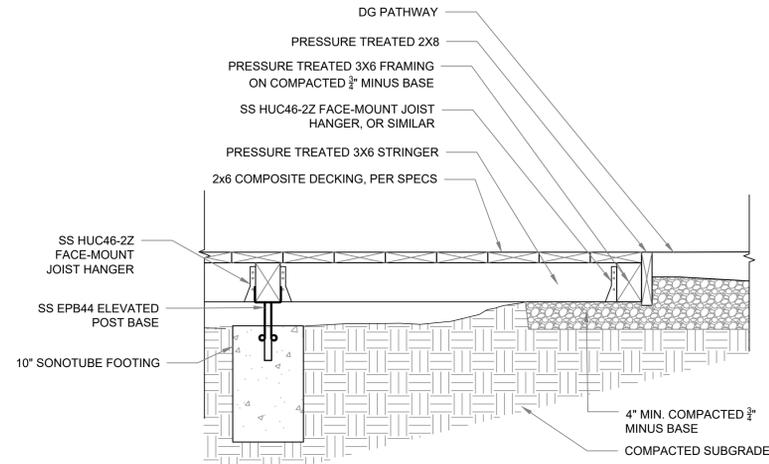


**3 DECOMPOSED GRANITE PAVING**  
SCALE: 1" = 1' 0"

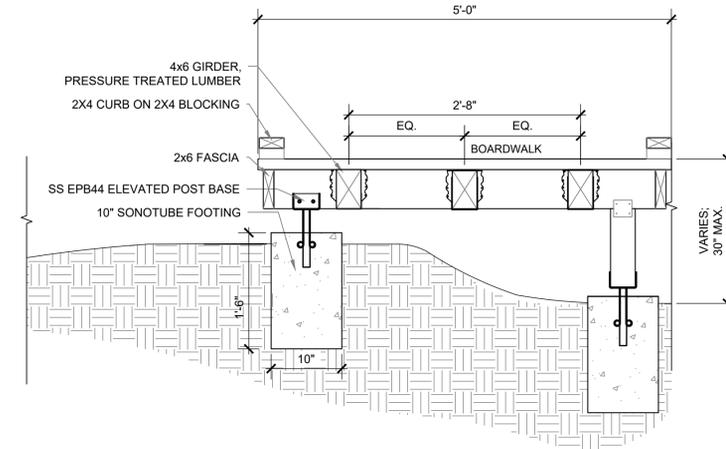
PARKING LOT  
UPDATES  
NIS



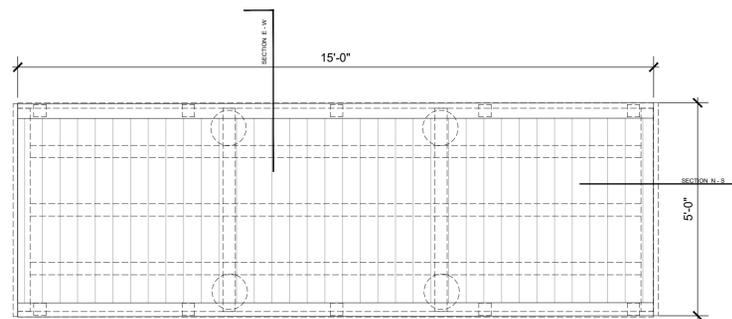
**4 VERTICAL CURB**  
SCALE: 1" = 1' 0"



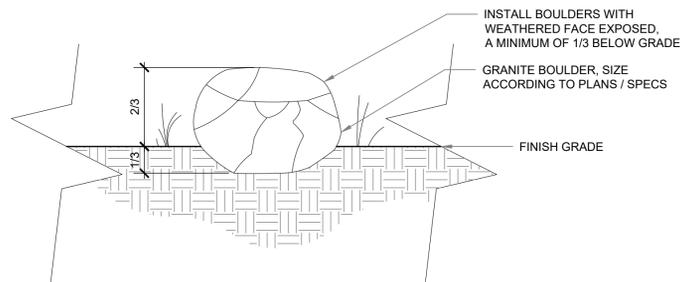
**5 BRIDGE SECTION N - S**  
SCALE: 1" = 1' 0"



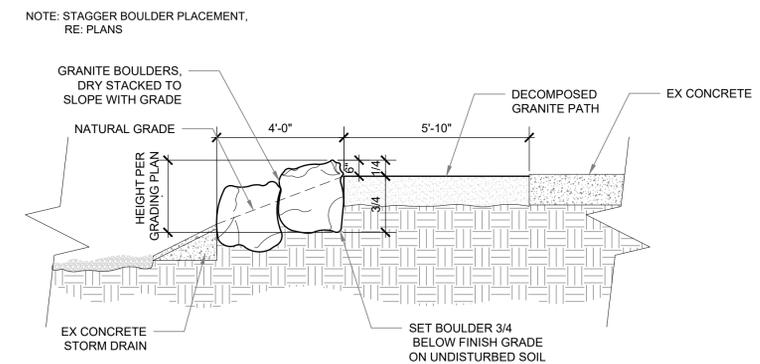
**6 BRIDGE SECTION E - W**  
SCALE: 1" = 1' 0"



**7 BRIDGE PLAN**  
SCALE: 1/2" = 1' 0"

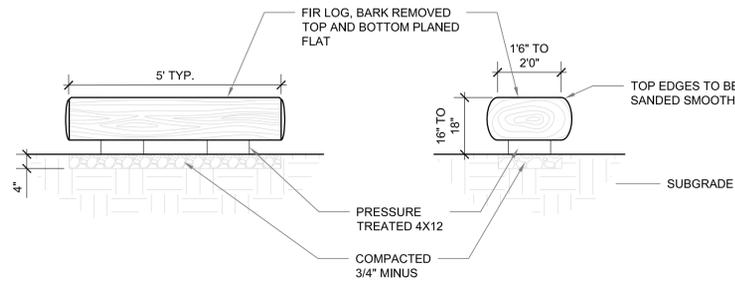


**8 BOULDER PLACEMENT**  
SCALE: 1" = 1' 0"

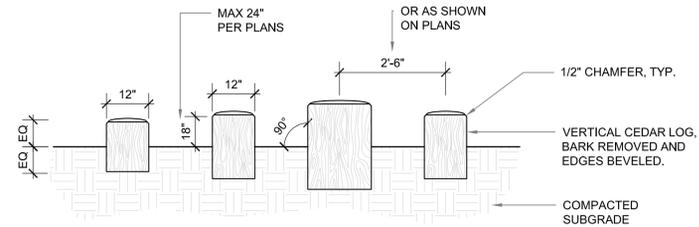


**9 SECTION AT BOULDER WALL**  
SCALE: 3/8" = 1' 0"

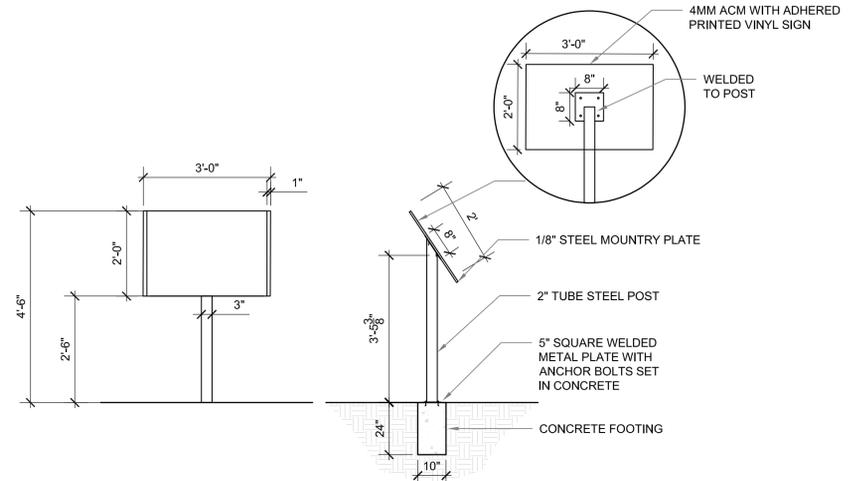




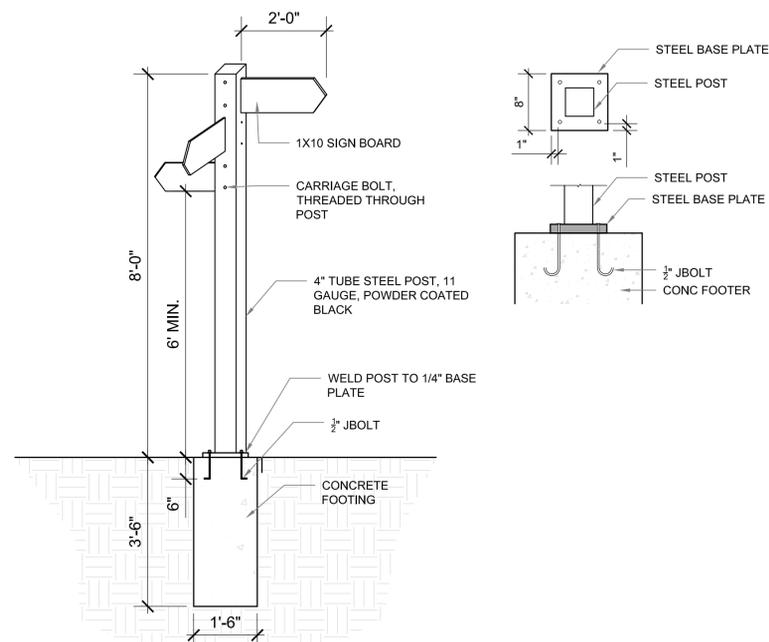
**1 LOG BENCH**  
SCALE: 1/2" = 1' 0"



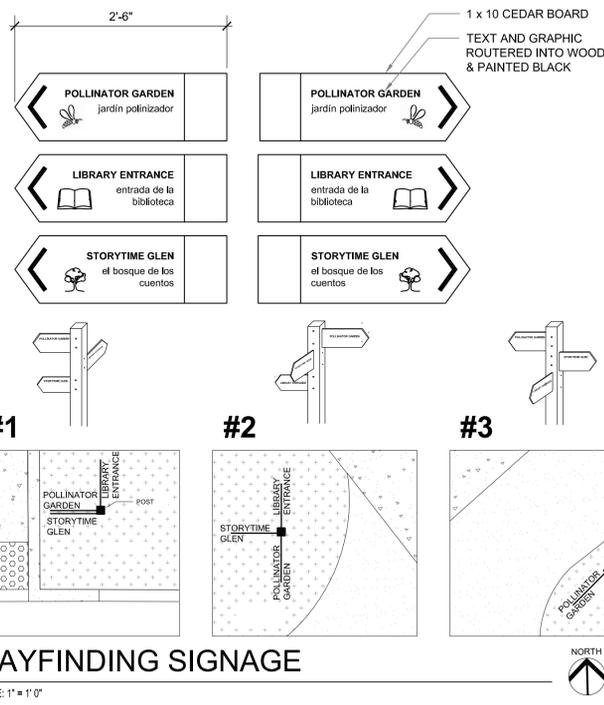
**2 STUMP STEPPERS**  
SCALE: 1/2" = 1' 0"



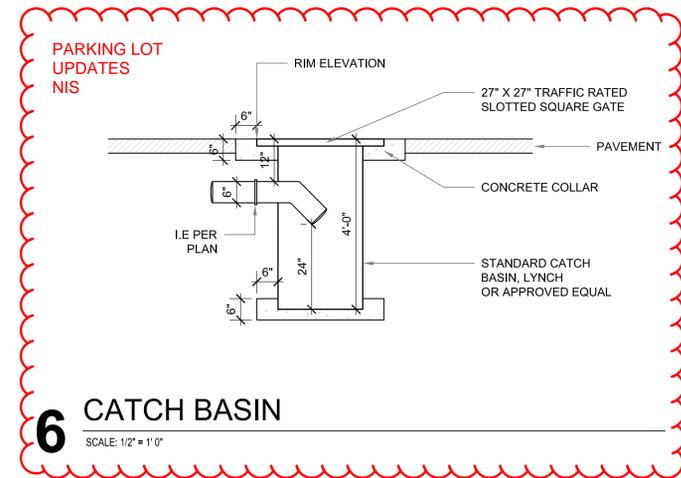
**3 INFORMATION SIGN**  
SCALE: 1/2" = 1' 0"



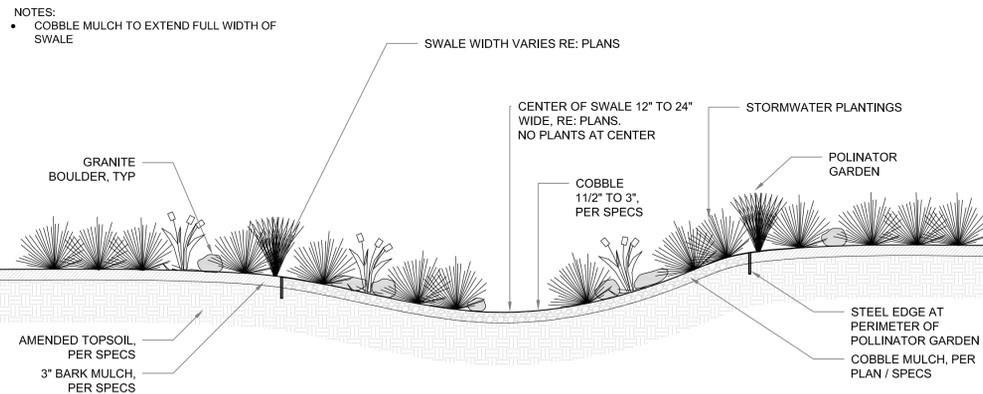
**4 WAYFINDING SIGN - ASSEMBLY**  
SCALE: 1/2" = 1' 0"



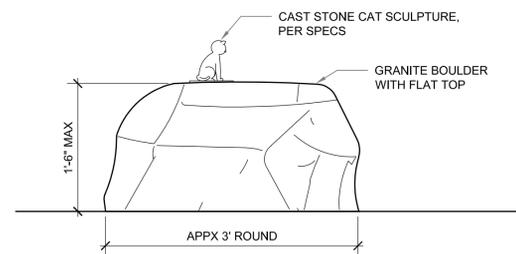
**5 WAYFINDING SIGNAGE**  
SCALE: 1" = 1' 0"



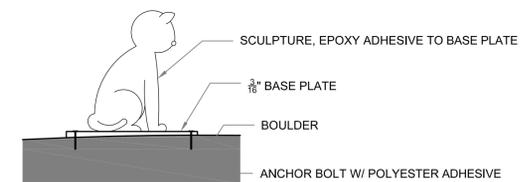
**6 CATCH BASIN**  
SCALE: 1/2" = 1' 0"



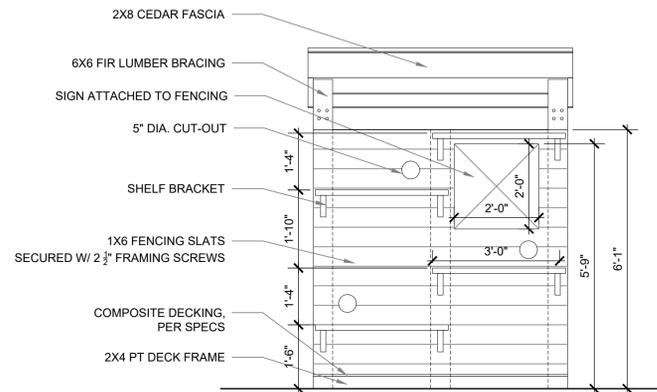
**7 SECTION AT SWALE**  
SCALE: 1/2" = 1' 0"



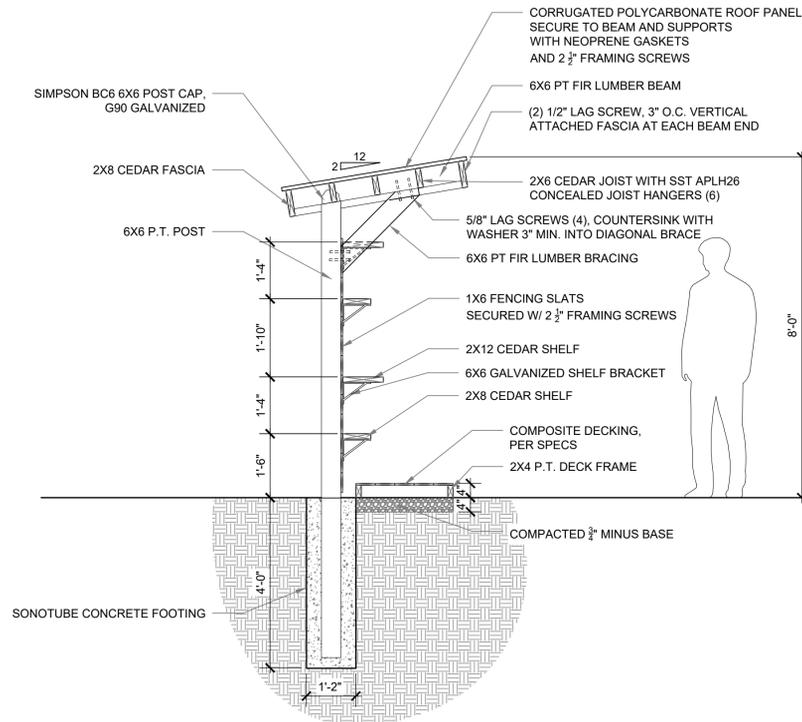
**8 CAT SCULPTURE**  
SCALE: 1" = 1' 0"



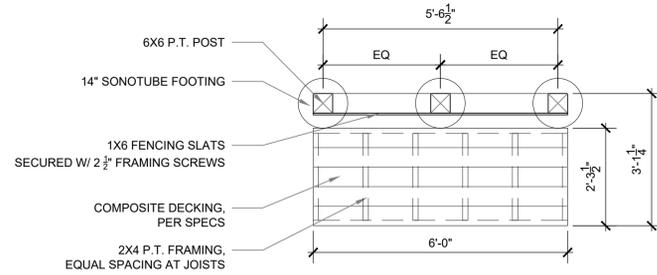
**9 CAT SCULPTURE**  
SCALE: 3" = 1' 0"



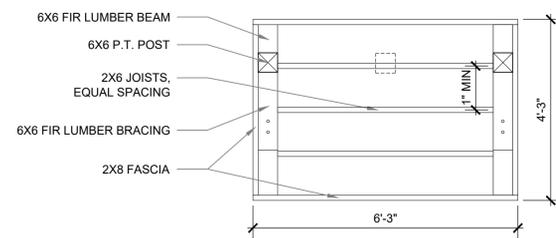
**1** CAT SHELTER - ELEVATION  
SCALE: 1/2" = 1' 0"



**2** CAT SHELTER - SECTION  
SCALE: 1/2" = 1' 0"



**3** CAT SHELTER - PLAN  
SCALE: 1/2" = 1' 0"



**4** CAT SHELTER - ROOF FRAMING PLAN  
SCALE: 1/2" = 1' 0"