

**Dry Creek Park Landscaping
RFP No. 2014-3**



**Lehi City Corporation
Public Works Department**

RESPONSES ARE DUE PRIOR TO:

**February 25, 2014
5:00 PM MDT**

Preferred method is to submit electronically to:
www.bidsync.com

Responses may be mailed or hand-delivered to:

Lehi City Administration
Attn: Erin Wells
RFP No. 2014-3
153 North 100 East
Lehi, UT 84043

**Lehi City Corporation
Public Works Department**

Dry Creek Park Landscaping

REFERENCE NUMBER: RFP No. 2014-3
RFP TITLE: "Dry Creek Park Landscaping"
RFP LOCATION: Lehi City Corporation, Lehi City, Utah

SUBMISSION DEADLINE: February 25, 2014
SUBMISSION TIME: 5:00 PM MDT
SUBMISSION PLACE: Lehi City Administration
153 North 100 East
Lehi, Utah 84043

RFP DESCRIPTION: This is a contract for landscaping Dry Creek Park. Services include sprinkler irrigation, grading, planting, and concrete and asphalt work.

RFP CONTACT: Steve Marchbanks
Parks & Buildings Manager
(801)836-1023
smarchbanks@lehi-ut.gov

CONTRACTORS: Carefully read all instructions, requirements and specifications. Give all requested information properly and completely. Submit your proposal with appropriate supplements and/or samples. Please submit proposals through Bidsync.com or mail or deliver to the Lehi City Administration address above by the submission deadline. Proposals received after February 25, 2014 at 5:00 PM MDT will not be considered.

Additional instructions for submitting proposal:

- A. It is the responsibility of the Contractor to "Log In" through BidSync. For assistance contact BidSync at 1-800-990-9339.
- B. Questions regarding this proposal should be submitted through BidSync. The Contractor may also contact Steve Marchbanks, Parks & Buildings Manager (see "RFP Contact" above) for specific questions regarding the proposal content. RFP #2014-3 must be referenced on all proposals and correspondence related to the RFP. Significant questions that arise subsequent

to the issue of this RFP will be consolidated and answers will be provided to all Contractors on record as receiving this RFP. All questions should be received three (3) working days prior to RFP due date.

- C. The recommended method to submit your proposal is through BidSync. By using alternate methods of delivery, contractor bears all risks if documents are not received at the Administrative Office prior to the submission deadline. Contractor should call to verify Administration has received the hard-copy proposal prior to the RFP closing. If using an alternative method, Contractors may either mail or hand-deliver one (1) bound hardcopy and one (1) CD electronic copy to the Administration Office. Responses should be addressed as follows:

RFP #2014-3: Dry Creek Park Landscaping
Lehi City Administration
Attn: Erin Wells
153 North 100 East
Lehi, Utah 84043

Following the deadline, the names of those responding to the RFP will be made public. All other information will remain confidential, as required by law. (See Section 2.10)

Unless specifically authorized by the City's Administrative Office, telephonic proposals or modifications of proposals will not be considered. However, modifications by email, fax, etc. for proposals already submitted through the proper channels will be considered, if received prior to the time for the submission deadline.

SECTION 1: SERVICE REQUIREMENTS AND PROPOSAL PRICING

1.1 SERVICE REQUIREMENTS

Lehi City is seeking proposals for the landscaping 9 acres of Dry Creek Park located at approximately 1500 North and Center Street in Lehi. The following is a description of the work Lehi City will require:

1) Sprinkler irrigation installation

The exact Irrigation Plan is set forth in Section 5.1. The Contractor will install lateral lines and connect them to the already present main lines. If any damage to existing lines is discovered when lines are uncovered to connect, repair will be required. The lines will be a 2 wire system. The Contractor will also be responsible for installing a clock on the North segment in P.O.C.2 and making sure the entire wire system is operational. When installation work is completed, a map with exact valve locations will be required.

2) Grading

Dry Creek Park is a detention area and within Lehi City's 100-year storm floodplain. As such, minimal grading is required. The grading that is required is fine grading to prep for seed-bed. The area north of 1450 North (Cedar Hollow Road) will need to be lightly graded to match 1450 North and the elevation in the section of the Park south of 1450 North.

3) Planting

The exact Planting Plan is set forth in Section 5.2. The planting has already been completed in sections L200-L220 up to 1450 North. The Contractor will be required to complete the planting in sections L230-L240. The Contractor will be responsible to replant any dead plants in areas L200-L220. Planting will include a hydro seeding of grass.

4) Concrete and asphalt work

The contractor will be responsible to complete the paths as displayed in the plans in Section 5.1 and 5.2. The parking lot displayed in sections L240-L260 will not be required of the Contractor.

All work should be completed as soon as possible (weather dependent).

A pre-bid meeting is scheduled for Wednesday, February 10 at 4:00PM at Lehi City Hall, 153 North 100 East, Lehi, UT 84043. This meeting is not required, but highly suggested as details regarding the project will be given and Contractors will be able to ask questions of the Parks Division.

Contractors should submit proposals by February 25, 2014 at 5:00 PM MDT. Proposal documents and specifications for RFP No. 2014-3, "Dry Creek Park Landscaping," can be found online at lehi-ut.gov/business/rfp or on BidSync.com.

1.2 PROPOSAL PRICING

The Contractor shall provide landscaping services that meet all qualifications as described in the Service Requirements above. The total cost for the Dry Creek Park Landscaping as referenced above is: \$_____

SECTION 2: INSTRUCTIONS TO CONTRACTORS

2.1 ADMINISTRATIVE GUIDANCE

The information provided in this RFP is designed to provide interested Contractors with sufficient information to submit proposals meeting minimum requirements, but is not intended to limit a proposal's content or to exclude any relevant or essential data therefrom. Contractors are at liberty and are encouraged to expand upon the specifications to give additional evidence of their ability to provide the services requested in this RFP.

2.2 SCOPE OF TERMS & CONDITIONS

Before submitting a proposal, the Contractor shall understand all contract conditions referred to in this document, and any addenda issued before the RFP submission date. It shall be the Contractor's responsibility to ensure that the proposal includes all addenda issued prior to the RFP submission date. By submitting a proposal, the Contractor acknowledges and accepts the Terms and Conditions described herein.

2.3 PROPOSAL RESPONSE OUTLINE

The Contractor must submit a complete and concise response to the RFP, demonstrating the ability to meet the requirements of this RFP. Pertinent supplemental information should be referenced and included as attachments. The contents of the proposal submitted by the successful Contractor may become part of any contract awarded as a result of this solicitation. All proposals must be organized to comply with the following sections:

LETTER OF TRANSMITTAL

The letter of transmittal should include an introduction of the Contractor, including the name, address, telephone number, and fax number of the person to be contacted, along with others who are authorized to represent the Contractor in dealing with this RFP. Any other information not appropriately contained in the body of the proposal should also be included in the letter of transmittal. The letter should also indicate any criteria expected by the City that cannot be met by the Contractor. (See Detailed Discussion below and Section 3.3)The transmittal letter should be signed by an authorized representative of the Contractor empowered with the right to bind the Contractor for the amounts estimated and terms proposed.

DETAILED DISCUSSION

This section should be the major portion of the proposal and must contain a specific response to each section in this RFP. Failure to provide written response to items indicated will be interpreted by the City as an inability by the Contractor to provide the requested service. The Contractor should include a detailed discussion should include the following:

1. The professional reputation & qualifications of the Contractor. Include a list of clients that you have completed landscaping services for and the names and telephone numbers of the

contact person in those organizations. This list may include organizations from the public and private sector and from organizations inside and outside of Utah. As appropriate provide pictures and/or plans of previous work.

2. Proposed timeline for the project. Breakdown the timeline by each section of the project and give an estimated date of completion for each section and the project as a whole.

COST PROPOSAL

The Contractor must submit a cost proposal allowing costs to be evaluated independently of other criteria in the proposal. The cost proposal should be itemized and not just include a total price. The pricing for all products and services shall remain firm for the duration of the contract. No price changes, additions, or subsequent qualifications will be honored throughout the duration of the contract except with approved change orders. Pricing on all transportation, mobilization and other charges shall be prepaid by the Contractor and included in the proposal price. The Contractor must indicate any additional charges not mentioned above or forfeit the right to payment for such items.

FINANCIAL REPORT

The Contractor should furnish a current financial report (GAAP compliant) for the past three fiscal years. The financial report should include the size of the Contractor as measured by:

- A. Number of personnel;
- B. Number of clients, including the names of clients in the State of Utah; and
- C. Annual sales.

MISCELLANEOUS

The Contractor should provide any supplemental information and attachments relevant to the proposal, including samples, company literature, and catalogs.

2.4 PROPOSAL PREPARATION COSTS

Lehi City is not liable for any cost incurred by the Contractor associated with the preparation of the proposal or the negotiation of a contract for services prior to the issuing of the contract.

2.5 SUBSTANTIVE PROPOSALS

The Contractor certifies that, (a) the Contractor's proposal is genuine and is not made in the interest of, or on behalf of, an undisclosed person, firm, or corporation; (b) the Contractor has not directly or indirectly induced or solicited any other Contractor(s) to submit a false proposal; (c) the Contractor has not solicited or induced any other person, firm, or corporation to refrain or abstain from submitting a proposal; (d) the Contractor has not sought by collusion to obtain for itself any advantage over any other Contractor(s) or over Lehi City; and (e) Contractor shall not violate or cause any person to violate the Utah Municipal Officers and Employees Ethics Act, or any other Federal, State, or Municipal law.

2.6 RESTRICTIONS

All proposals must clearly set forth any restrictions or provisions deemed necessary by the Contractor to effectively service the proposed Contract.

2.7 PROPOSALS SHALL BE BINDING SUBJECT TO ACCEPTANCE

Proposals shall be binding upon the Contractors for sixty (60) calendar days from submission deadline. A Contractor may withdraw or modify its proposal any time prior to the submission deadline by written request, signed by the same authorized officer or agent who signed the original proposal.

2.8 ADDENDUM TO THE RFP

In the event that it becomes necessary to revise this RFP in whole or in part, an addendum will be provided to all Contractors on record as having received this RFP. A statement issued in an addendum shall have the effect of modifying a portion of the proposal documents when the statement in the addendum specifies a section, paragraph, or text, and states that it is to be so modified.

Any other communication, whether verbal or written, which are received by any representative of the Contractor from sources other than official addendum should be confirmed by the Contractor with the RFP Contact as being true and accurate prior to incorporating such information into its response. This refers to both formal and informal conversations and communications.

2.9 ALTERNATIVE PROPOSALS

Contractors may submit more than one proposal, each of which must follow the Proposal Response Outline (Section 2.3 herein) and satisfy the requirements of this RFP. If alternative proposals are submitted, the Contractor must explain the reasons for the alternative(s) and its alternative's comparative benefits. Each proposal submitted will be evaluated on its own merits.

2.10 DISCLOSURE OF PROPOSAL CONTENT

Under the Government Records Access and Management Act, Section 63-2-101 et seq., Utah Code Ann. (1993 and supp. 1996), as amended ("GRAMA") certain information in the submitted proposal may be open for public inspection. If the Contractor desires to have information contained in its proposal protected from such disclosure, the Contractor may request such treatment by providing a "written claim of business confidentiality and a concise statement of reasons supporting the claim of business confidentiality" with the proposal (GRAMA, Section 63G-2-309). Pricing elements of any proposal will not be considered protected. All material contained in and/or submitted with the proposal becomes the property of Lehi City and may be returned only at the City's option.

SECTION 3: PROPOSAL EVALUATION

3.1 EVALUATION PROCESS

All proposals in response to this RFP will be evaluated in a manner consistent with Lehi City policies and procedures, and Utah State Procurement Code 63g-6a-101, et seq. and all applicable rules, regulations, and policies.

In the initial phase of the evaluation process, the evaluation committee will review all proposals timely received. First, non-responsive proposals (those not conforming to RFP requirements) will be eliminated. Second, the remaining proposals will be evaluated in a cursory manner to eliminate from further consideration those proposals, which in the judgment of the evaluation committee, fail to offer sufficient and substantive provisions to warrant further consideration. Each Contractor bears sole responsibility for the items included, or not included, in the response submitted by that Contractor. Lehi City reserves the right to disqualify any proposal that includes significant deviations or exceptions to the terms, conditions, and/or specifications in this RFP.

At the conclusion of this initial evaluation phase, selected proposals will be chosen for detailed review and evaluation. Lehi City reserves the right to be the sole judge as to the overall acceptability of any proposal or to judge the individual merits of specific provisions within competing offers.

3.2 EVALUATION CRITERIA

Lehi City will judge the merit of all proposals received in accordance with the general evaluation criteria listed below. Failure to provide any of the information requested may result in the proposal being removed from further consideration. In evaluating the proposals, the City will consider:

1. Reputation of Contractor
2. Availability/Timeframe
3. Cost

3.4 AWARD OF CONTRACT

Upon completion of the evaluation process, Lehi City may negotiate with and award the contract to the Contractor whose proposal is determined to be most advantageous to the City, as determined by the evaluation criteria discussed above. **AWARD OF CONTRACT MAY BE MADE WITHOUT DISCUSSION AFTER PROPOSALS ARE RECEIVED.** Accordingly, each proposal should be submitted with the most favorable price and service available. The contract will incorporate the provisions of this RFP (including any addenda).

3.5 RIGHT TO REJECT

The City reserves the right to reject any and all proposals and to waive any formality in the proposals received, to accept or reject any or all of the items in the proposal, and award the contract in whole or in part, if it is deemed in the City's best interest. The City reserves the right to

negotiate any and all elements of the proposals, if any such action is deemed in the best interest of the City.

SECTION 4: GENERAL TERMS AND CONDITIONS

The Contractor should expect to see Terms and Conditions in the final contract substantially similar to the following. Lehi City reserves the right to add to, delete from, or otherwise amend these Terms and Conditions as the City deems necessary.

4.1 CONTRACT

The intention of the Contract is to include all labor, material, transportation, and all other action necessary for the accomplishment of the project described herein.

The Contract shall be signed in triplicate by Lehi City Corporation (Owner) and the selected firm or agency that will complete the work (Contractor). The accepted proposal will be retained by the Owner for its files.

4.2 THE CONTRACTOR

It is understood and agreed that the Contractor has satisfied itself as to the character of equipment required under this contract and all other matters which can in any way affect its execution and performance of this contract.

No verbal agreement or conversation with any officer, representative, agent, or employee of the Owner, either before or after the execution of this contract, shall affect or modify the terms or obligations herein contained. Any amendment to the Contract must be in writing, and must be executed by both parties to be valid.

4.3 THE OWNER

The Owner shall have responsibility for the general supervision of the project contemplated by the Contract. The Contractor shall have authority to direct the program of manufacture and deliver, as well as the manner of performance and completion of the project to ensure the performance of the Contract.

4.4 ASSIGNMENT

Contractor shall not assign any portion of its obligations under the Contract without the prior written consent of Owner. Assignment or subcontracting shall in no way relieve the Contractor of any of its obligations under this Contract.

4.5 LAWS AND ORDINANCES

The laws of the State of Utah shall govern any contract executed between the successful Contractor and Owner. Further, the place of performance and transaction of business shall be deemed to be in the County of Utah, State of Utah, and in the event of litigation, exclusive venue and place of jurisdiction shall be the State of Utah, and more specifically, the district court of Utah County, Utah.

Notwithstanding the foregoing, other Federal, State, and municipal laws, regulations, rules, orders, and ordinances may be applicable to this Agreement and the Work contemplated herein, including (but not limited to) the following:

- a) The Age Discrimination Act of 1975, as amended (42 USC 6101, et seq.);
- b) The Antiquities Act of 1906 (16 USC 431);
- c) Applicable Environmental Protection Agency regulations (including 40 CFR, Part 15);
- d) The Archeological and Historic Preservation Act of 1966, as amended (P.L. 88-655, 16 USC 470, et seq.);
- e) The Architectural Barriers Act of 1968 (Public Law 90-480) and DOI Section 504 Regulations (43 CFR, Part 17);
- f) The Civil Rights Act of 1964, Title VI (42 USC 2000d-1);
- g) The Contract Work Hours and Safety Standards Act, Section 102 and 107 (40 USC 327-333), as supplemented by the Department of Labor regulations (29 CFR, Part 5);
- h) The Copeland “Anti-Kickback” Act (18 USC 874);
- i) The Clean Air Act of 1970;
- j) Emergency Wetlands Resources Act of 1986 (P.L. 99-645);
- k) The Endangered Species Act of 1973 (16 USC 1531, et seq.);
- l) Executive Order 11288, concerning prevention, control, and abatement of water pollution;
- m) Executive Order 11296, Evaluation of Flood Hazard in Locating Federally Owned or Financed Buildings, Roads, and other Facilities and in Disposing of Federal Lands and Properties;
- n) Executive Order 11514, Protection and Enhancement of Environmental Quality (March 5, 1970, as amended by Executive Order 1191, May 24, 1977);
- o) Executive Order 11593, Protection and Enhancement of the Cultural Environment;
- p) Executive Order 11738;
- q) Executive Order 11988 Floodplain Management;
- r) Executive Order 11990, Protection of Wetlands;
- s) Federal Act for Protection and Restoration of Estuarine Areas (P.L. 90-454);
- t) The Federal Water Pollution Control Act;
- u) The Fish and Wildlife Coordination Act (16 USC 661, 662);
- v) The Food Disaster Protection Act of 1973 (12 USC 24., 1701-1 Supp., 42 USC 4001, et seq.);
- w) Land and Water Conservation Fund Program of Assistance of States; Post Completion Compliance Responsibilities (36 CFR, Part 59);
- x) The National Environmental Policy Act of 1969, as amended (P.L. 90-190, 42 USC 4321, et seq.);
- y) The National Historic Preservation Act of 1966, as amended (P.L. 88-665, 16 USC 470, et seq.);
- z) The Rehabilitation Act of 1973, Section 504 (29 USC 794);
- aa) The Rivers and Harbor Act of 1899 (33 USC 401, et seq.);
- bb) The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646), Title II and Title III, and the applicable regulations implementing such Act; and
- cc) Wild and Scenic Rivers Act of 1968 (P.L. 90-542, 16 USC 1274, et seq.);

The Contractor must comply with the foregoing, as well as any other applicable, laws, regulations, rules, and ordinances.

4.6 TERMINATION, SUSPENSION OR ABANDONMENT

4.6.1 The Owner may terminate this agreement at any time upon seven (7) calendar days' written notice, in the event the services of the Contractor, in the sole judgment of the Owner, are unsatisfactory, because of the Contractor's failure to prosecute the work with diligence or within the time limit specified, or in the event that the Contractor, in the sole judgment of the Owner, has materially breached this Contract. However, after receiving the Owner's written notice, Contractor shall have five (5) working days (Monday-Friday) in which to cure any such deficiency. In the event the Contractor fails to adequately cure a deficiency, the Contractor will be liable for any resulting damages from said deficiency and breach of this Agreement, which the Owner may pursue through any available means, whether in law or in equity.

4.6.2 The Owner reserves the right, at its sole discretion, to terminate, suspend or abandon this Agreement at any time upon seven (7) calendar day's written notice. In addition to other factors which may lead the Owner to suspend or abandon this Agreement, the Contractor acknowledges that the Work contemplated herein is in part funded by Federal grant assistance. If any portion of such contemplated assistance is not provided, the Owner would likely terminate, suspend, or abandon this Agreement.

4.6.3 In the event of termination, suspension or abandonment, without cause, the Owner shall pay the Contractor for services performed according to this agreement up to the time of such termination, suspension, or abandonment. The Contractor shall not be entitled to any additional compensation, award, or damages.

4.6.4 All work accomplished by the Contractor prior to the date of any termination, suspension, or abandonment shall be recorded, and tangible work documents shall be transferred to and become the sole property of the Owner. If the Owner has terminated the Project without cause, and then requests to resume the Project with the Contractor after more than three (3) months from the date of termination, the Contractor's compensation shall be subject to renegotiation.

4.7 ACCEPTANCE OF SERVICES RENDERED

Owner, through its designated agents and representatives, will be the sole determining judge of whether services rendered under the Contract satisfy the requirements as identified in the Contract.

4.8 INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall indemnify, defend and hold harmless Owner, and any subsidiary or affiliate of the Owner, and its past, present and future agents, representatives and employees from and against all claims, damages, lawsuits, losses, liabilities, liens, cost, citations, penalties, fines and expenses, including but not limited to attorneys' fees, arising out of or resulting from the performance of the work, provided that such claims, damages, losses, liabilities, liens, costs, citations, penalties, fines, or expenses are caused in whole or in part by any negligent, grossly negligent, reckless, or intentional act or omission by the Contractor, any

subcontractor, anyone directly or indirectly employed by the Contractor or any subcontractor, or any party for whose acts the Contractor or Owner may be liable, regardless of whether liability is imposed upon such party. This indemnity obligation is intended to include, but is not limited to, the indemnification of Owner indemnified hereunder for damages apportioned to the Contractor, any subcontractor, or any person or entity directly or indirectly employed by any of them or any person or entity for whose acts any of them may be liable. Such obligation shall not be construed to negate, abridge or otherwise reduce any other right or obligation of indemnity, which may otherwise exist in favor of the Owner. In any and all claims against the Owner, or any subsidiary or affiliate, or any of its past, present or future agents, representatives or employees by any employee of the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph shall not be limited in any way by any limitation on the amount or types of damages, compensations or benefits payable by or for the Contractor, or any subcontractor, the worker's or workman's compensation acts, disability benefit acts or other employee benefit acts.

4.9 INSURANCE

The Contractor shall, at its own expense, provide for the payment of Worker's Compensation benefits to its employees employed on or in connection with the work covered by this RFP, in accordance with applicable laws.

4.9.1 The Contractor shall, at its own expense, carry and maintain Comprehensive General Liability Insurance including but not limited to \$3,000,000.00 per occurrence

4.9.2 The Contractor shall, at its own expense, carry and maintain Automobile Public Liability insurance with Bodily Injury and Death Limits of at least \$250,000 for any one person and \$500,000 for any one occurrence, and Property Damage Limit per occurrences of \$250,000. Such benefits and such coverage as required herein or in any other documents to be considered a part hereof shall not be deemed to limit Contractor's liability under this Contract. It is intended by this section that the limits set forth herein will exceed applicable minimum requirements under Utah law. However, in the event that the foregoing amounts do not satisfy minimum requirements under applicable Utah law, the Contractor must maintain Automobile Public Liability insurance in amounts satisfying applicable Utah law.

4.9.3 The Contractor shall, at its own expense, carry and maintain professional liability/errors and omissions insurance appropriate to the Contractor's profession, with a minimum coverage of \$3,000,000; with neither Contractor nor listed subcontractors having less than \$500,000 individually.

The professional liability/errors and omissions insurance must be project specific with at least a one year extended reporting period (or longer upon request).

4.9.4 The Contractor shall likewise require its subcontractors, if any, to provide for such benefits and carry and maintain such insurance at no expense to the Owner.

4.9.5 Before commencement on the project contemplated herein, and at any time thereafter upon written request by the Owner, the Contractor shall furnish Owner with a copy of certificates of insurance as evidence that policies providing the required coverage's and limits of insurance are in full force and effect.

4.9.6 All insurance coverage furnished under this Contract, with the exception of Worker's Compensation and Employer's Liability, shall include the Owner, directors, officers, agents, and employees as additional insured with respect to the activities of the Contractor and its subcontractors. Any certificate or certificates presented as evidence of insurance shall specify the date when such benefits and insurance expire. The Contractor agrees that said benefits and insurance shall be provided and maintained until after the entire work under the Contract has been performed and accepted. The Contractor shall provide Owner at least sixty (60) days advance written notice prior to cancellation, termination, or material alteration of said policies of insurance.

4.10 EQUAL EMPLOYMENT OPPORTUNITY POLICY

No Contractor of goods and/or services under this RFP or any contract shall discriminate against any employee, applicant for employment, or recipient of services on the basis of race, religion, color, sex, age, disability, or national origin.

4.10.01 During the performance of this Agreement, the Contractor agrees as follows:

(a) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

(b) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(c) The Contractor will send to each labor union or representative or workers with which Contractor has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(d) The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(e) The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to Contractor's books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(f) In the event of the Contractor's non-compliance with the nondiscrimination clauses of this Agreement or with any of such rules, regulations, or orders, this Agreement may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(g) The Contractor will include the provisions of these subparagraphs (a) through (g) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

4.10.02 The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:

(a) Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.

(b) Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

(c) Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source

or community organization and what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.

(d) Provide immediate written notification to the Director of the Office of Federal Contract Compliance Programs, United States Department of Labor, when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

(e) Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under subsection (b) above.

(f) Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

(g) Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as superintendents, general foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

(h) Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.

(i) Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written

notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

(j) Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.

(k) Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.

(l) Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.

(m) Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.

(n) Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

(o) Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

(p) Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

The Contractor shall also require the foregoing specifications in each of its subcontracts, as well as any other requirements contemplated by 41 CFR 60-4.3.

4.10.03 Because this Agreement involves a Federally assisted construction contract, the Contractor also agrees that it will assist and cooperate actively with the Owner, any administering agency, and the Secretary of Labor in obtaining the compliance of the Owner or Contractor and any subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, and that Contractor will furnish the Owner, any administering agency, and the Secretary of Labor such information as they may require for the supervision of such compliance, and that Contractor will otherwise assist the Owner or any administering agency in the discharge of the agency's primary responsibility for securing compliance

The Contractor warrants and represents that it has not been debarred from, nor has it demonstrated ineligibility for Government contracts and federally assisted construction contracts

pursuant to Executive Order 11246 of September 24, 1965. The Contractor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with any such debarred or ineligible subcontractor.

The Contractor agrees that if it fails or refuses to comply with the provisions of this Section 4.10, the Owner may impose any sanctions allowed by law or equity, including (but not limited to) the sanctions contemplated by Executive Order 11246 of September 24, 1965, and Contractor agrees to impose such sanctions on its subcontractors for their failure to so comply.

4.11 RECORD KEEPING AND AUDIT RIGHTS

Any Contractor providing goods or services under this contract shall maintain accurate accounting records for all goods and services provided hereunder, and shall retain all such records for a period of at least three (3) years following the termination or completion of the Contract. Upon 48-hours' notice and during normal business hours, the Owner, or any of its duly authorized representatives, shall have access to and the right to audit any records or other documents pertaining to the Contract. The Owner's audit rights shall extend throughout the term of the Contract and for a period of at least three (3) years thereafter. The Contractor also acknowledges that the State of Utah, the Comptroller of the United States, or any of their duly authorized representatives shall also have access to any books, documents, papers, and records of the Contractor, which are directly pertinent to the Work contemplated herein, for the purpose of making audits, examination, excerpts, and transcriptions.

4.12 MANAGEMENT REPORTS

Upon request the Contractor should be able to summarize and concisely report pertinent information to Owner in a timely manner, throughout the duration of this contract resulting from this RFP.

4.13 FURTHER AGREEMENTS

In addition to a proposal, Owner may from time to time require Contractor to execute certain additional documents or agreements, including without limitation, a Contract for the purpose of clarifying the intention of the parties with respect to providing the goods or services hereunder.

4.14 RELATIONSHIP OF THE PARTIES

In assuming and performing the obligations of any contract, Owner and any Contractor shall each be acting as independent parties and neither shall be considered or represent itself as a joint venture, partner, or employee of the other.

4.15 TAXES – CONTRACTOR'S RESPONSIBILITY

Contractor shall be responsible for and pay all taxes which may be levied or incurred against the Contractor in connection with the performance of any services under this Contract, including, but not limited to, taxes levied or incurred against Contractor's income, inventory, property, sales, or other taxes.

4.16 TAXES - OWNER IS EXEMPT

The Owner is exempt from the payment of any federal excise or any Utah sales tax (State of Utah Sales Tax Exemption number: Q41296). Exemption certification information appears on all purchase orders issued by Owner and such taxes will not apply to Owner unless otherwise noted. The price must be net, exclusive of taxes. However, when under established trade practice any federal excise tax is included in the list price, Contractor may quote the list price and shall show separately the amount of federal tax, either as a flat sum or as a percentage of the list price, which shall be deducted by Owner.

4.17 ROYALTIES AND PATENTS

The Contractor shall pay all applicable royalties and license fees. Contractor shall also defend all suits or claims for infringement of any intellectual property rights, and shall hold the Owner harmless from loss on account thereof.

4.18 PAYMENTS

These terms of payment cover payments to be made at the time of completion of the project. Unless otherwise specifically indicated in these contract documents, the terms of payment will be NET, 30 days upon acceptance of the work. A five percent (5%) retainage will be withheld until final product is reviewed and accepted by the City.

Invoices shall be submitted to:

Lehi City
Attn: Accounts Payable
153 North 100 East
Lehi Utah, 84043

4.19 PAYMENT WITHHELD

The Owner may withhold or, on account of subsequently discovered evidence, nullify the whole or part of any estimate to such extent as may be necessary to protect itself from loss on account of:

4.19.1 Defective goods or services not remedied.

4.19.2 Any other violation of or failure to comply with the provisions of this contract.

When the above grounds are removed, payment shall be made for amounts withheld because of them. Owner reserves the right, in case of Contractor default, to procure the goods or services from other sources while holding the defaulting Contractor responsible for any excess costs occasioned thereby.

4.20 ACCEPTANCE AND FINAL PAYMENT

In a timely manner after the work has been completed and accepted, the Owner will make a final estimate stating that the Contract has been completed and that the work has been accepted by it under the terms and conditions thereof, with qualifications, if any, as stated. And the balance found

to be due the Contractor according to the terms of payment shall be paid by the Owner, as provided under 4.18 PAYMENTS of this document. Prior to filing a final estimate, Contractor shall file with the Owner a sworn statement that all items of labor entering into the work or services have been paid.

4.21 CHANGE ORDERS

All change orders shall be described on a Change Order Request Form, provided by the Owner, and be authorized in writing by Owner prior to proceeding with the work requested. No payment shall be made to the Contractor for labor involved in correcting errors or omissions attributable in any way to the Contractor or its agents, subcontractors, and the like.

4.22 WARRANTY

4.22.1 Contractor expressly warrants the workmanship, materials, and manner of construction provided for and contemplated by this Contract and agrees that if the improvement contemplated therein does not remain in good condition for a period of one year from the date of final acceptance by Owner, ordinary wear and tear excepted, because of defects in the workmanship, materials or manner of construction, then and in that event Contractor agrees that any and all repairs and replacements necessary to maintain said improvement and each and every part thereof in such good condition shall be made by said Contractor without additional charge or cost to the Owner.

4.22.2 During the warranty period, Contractor shall make reasonable efforts to correct deficient work or products. Unless the specifications call for a shorter time, when the deficiency involves the health and safety of City residents, the loss of or damage to property, or renders the products or service unusable for its intended purpose; Contractor shall respond and begin to correct the work no later than 24 hours after having received notice.

SIGNATURE OF CONTRACTOR

Upon acceptance of this RFP, the undersigned agrees to complete all required work as described in this RFP document according to the terms and conditions described herein.

By _____

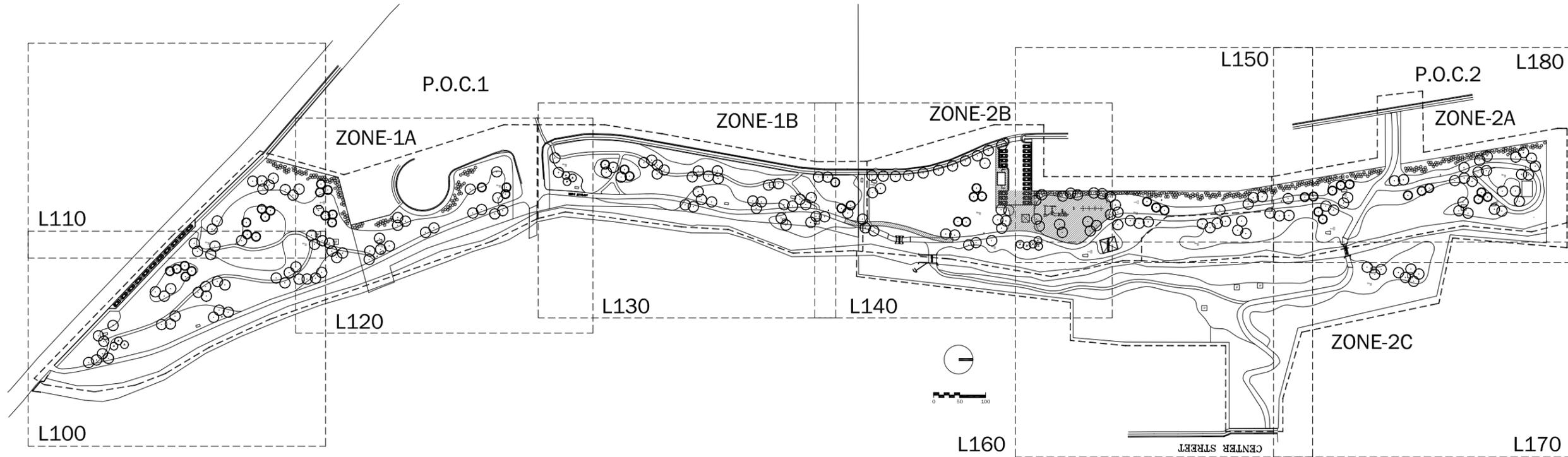
Title _____

Address _____

Date _____

SECTION 5: ATTACHMENTS

5.1 IRRIGATION PLAN



CRITICAL ANALYSIS POC1

GENERATED: 2010-12-16 15:26

P.O.C. NUMBER:01
 WATER SOURCE INFORMATION:

FLOW AVAILABLE
 POINT OF CONNECTION SIZE: 4"
 FLOW AVAILABLE: 298.00 GPM

PRESSURE AVAILABLE
 STATIC PRESSURE AT POC: 90.00 PSI
 PRESSURE AVAILABLE:90.00 PSI

DESIGN ANALYSIS
 MAXIMUM STATION FLOW: 188.70 GPM
 FLOW AVAILABLE AT POC: 298.00 GPM
 RESIDUAL FLOW AVAILABLE: 109.30 GPM

CRITICAL STATION: A11
 DESIGN PRESSURE: 60.00 PSI
 LOSS ELEV. HIGH HEAD TO VALVE: 0.00 PSI
 PIPE LOSS CRITICAL HEAD: 4.93 PSI
 LOSS FITTING FACTOR: 0.49 PSI
 LOSS THROUGH VALVE: 2.99 PSI
 PRESSURE REQ. AT CRITICAL STATION: 68.42 PSI
 LOSS FOR FITTINGS: 0.66 PSI
 LOSS FOR MAIN LINE: 6.65 PSI
 LOSS FOR POC TO VALVE ELEVATION: 0.00 PSI
 LOSS FOR BACKFLOW: 0.00 PSI
 CRITICAL STATION PRESSURE AT POC: 75.73 PSI
 PRESSURE AVAILABLE:90.00 PSI
 RESIDUAL PRESSURE AVAILABLE: 14.27 PSI

POC1

VALVE SCHEDULE POC1A

NUMBER	MODEL	SIZE	TYPE	PSI	PSI @ POC	GPM	PRECIP
A1	HUNTER ICV-FS	2"	TURF ROTOR	63.51	63.64	53.80	1.36 in/h
A2	HUNTER ICV-FS	2"	TURF ROTARY	46.96	47.17	48.69	0.36 in/h
A3	HUNTER ICV-FS	3"	TURF ROTOR	68.33	68.86	133.20	0.63 in/h
A4	HUNTER ICV-FS	3"	TURF ROTOR	70.83	72.56	144.30	0.55 in/h
A5	HUNTER ICV-FS	3"	TURF ROTOR	66.62	68.30	111.00	0.55 in/h
A6	HUNTER ICV-FS	1-1/2"	BUBBLER	38.33	38.79	46.00	7.66 in/h
A7	HUNTER ICV-FS	2"	TURF ROTARY	48.49	49.41	78.68	0.37 in/h
A8	HUNTER ICV-FS	3"	TURF ROTOR	65.85	66.97	77.70	0.54 in/h
A9	HUNTER ICV-FS	3"	TURF ROTOR	68.67	71.64	111.00	0.54 in/h
A10	HUNTER ICV-FS	3"	TURF ROTOR	69.27	73.01	122.10	0.51 in/h
A11	HUNTER ICV-FS	3"	TURF ROTOR	68.41	75.73	174.60	1.30 in/h

VALVE SCHEDULE POC1B

NUMBER	MODEL	SIZE	TYPE	PSI	PSI @ POC	GPM	PRECIP
A12	HUNTER ICV-FS	1-1/2"	TURF ROTARY	49.80	50.06	31.46	0.67 in/h
A13	HUNTER ICV-FS	3"	TURF ROTOR	67.52	68.53	129.30	1.27 in/h
A14	HUNTER ICV-FS	3"	TURF ROTOR	69.92	71.87	188.70	0.58 in/h
A15	HUNTER ICV-FS	3"	TURF ROTOR	69.51	70.78	144.30	0.53 in/h
A16	HUNTER ICV-FS	2"	BUBBLER	37.01	37.19	24.00	7.66 in/h
A17	HUNTER ICV-FS	3"	TURF ROTOR	67.87	69.88	129.30	1.32 in/h

CRITICAL ANALYSIS P.O.C. 2

GENERATED: 2010-12-16 15:26

P.O.C. NUMBER:02
 WATER SOURCE INFORMATION:

FLOW AVAILABLE
 POINT OF CONNECTION SIZE: 4"
 FLOW AVAILABLE: 298.00 GPM

PRESSURE AVAILABLE
 STATIC PRESSURE AT POC: 90.00 PSI
 PRESSURE AVAILABLE:90.00 PSI

DESIGN ANALYSIS
 MAXIMUM STATION FLOW: 188.70 GPM
 FLOW AVAILABLE AT POC: 298.00 GPM
 RESIDUAL FLOW AVAILABLE: 109.30 GPM

CRITICAL STATION: B8
 DESIGN PRESSURE: 60.00 PSI
 LOSS ELEV. HIGH HEAD TO VALVE: 0.00 PSI
 PIPE LOSS CRITICAL HEAD: 4.09 PSI
 LOSS FITTING FACTOR: 0.41 PSI
 LOSS THROUGH VALVE: 3.40 PSI
 PRESSURE REQ. AT CRITICAL STATION: 67.90 PSI
 LOSS FOR FITTINGS: 0.81 PSI
 LOSS FOR MAIN LINE: 8.05 PSI
 LOSS FOR POC TO VALVE ELEVATION: 0.00 PSI
 LOSS FOR BACKFLOW: 0.00 PSI
 CRITICAL STATION PRESSURE AT POC: 76.76 PSI
 PRESSURE AVAILABLE:90.00 PSI
 RESIDUAL PRESSURE AVAILABLE: 13.24 PSI

POC2

VALVE SCHEDULE POC 2

NUMBER	MODEL	SIZE	TYPE	PSI	PSI @ POC	GPM	PRECIP
B1	HUNTER ICV-FS	3"	TURF ROTARY	50.84	51.03	174.05	0.41 in/h
B2	HUNTER ICV-FS	1-1/2"	BUBBLER	37.38	37.58	25.00	7.66 in/h
B3	HUNTER ICV-FS	3"	TURF ROTOR	70.37	72.44	188.70	0.55 in/h
B4	HUNTER ICV-FS	3"	TURF ROTOR	70.14	72.16	188.70	0.56 in/h

VALVE SCHEDULE POC 2B

NUMBER	MODEL	SIZE	TYPE	PSI	PSI @ POC	GPM	PRECIP
B5	HUNTER ICV-FS	1-1/2"	BUBBLER	37.50	37.82	29.00	7.66 in/h
B6	HUNTER ICV-FS	2"	TURF ROTARY	50.44	51.82	79.56	0.39 in/h
B7	HUNTER ICV-FS	3"	TURF ROTOR	67.90	76.76	184.20	1.75 in/h
B8	HUNTER ICV-FS	3"	TURF ROTOR	65.79	68.22	90.60	1.68 in/h
B9	HUNTER ICV-FS	3"	TURF ROTOR	66.91		99.90	0.61 in/h
B10	HUNTER ICV-FS	3"	TURF ROTOR	66.70	70.11	107.60	1.40 in/h
B11	HUNTER ICV-FS	3"	TURF ROTOR	67.00		145.40	1.46 in/h

VALVE SCHEDULE POC 2C

NUMBER	MODEL	SIZE	TYPE	PSI	PSI @ POC	GPM	HEAD ELEV	PRECIP
B12	HUNTER ICV-FS	3"	TURF ROTOR	67.18	68.41	111.00	0.00 ft	0.55 in/h
B13	HUNTER ICV-FS	1"	BUBBLER	33.67	33.68	4.00	0.00 ft	7.66 in/h
B14	HUNTER ICV-FS	3"	TURF ROTOR	69.77	72.43	166.50	0.00 ft	0.53 in/h
B15	HUNTER ICV-FS	3"	TURF ROTOR	67.75	69.82	111.00	0.00 ft	0.56 in/h
B16	HUNTER ICV-FS	3"	TURF ROTOR	67.26	69.94	138.00	0.00 ft	1.22 in/h
B17	HUNTER ICV-FS	3"	TURF ROTARY	68.14	69.78	105.25	45.00 ft	0.49 in/h
B18	HUNTER ICV-FS	3"	TURF ROTOR	67.27	70.41	144.40	0.00 ft	1.25 in/h
B19	HUNTER ICV-FS	3"	TURF ROTOR	67.74	75.11	179.50	0.00 ft	1.43 in/h

OWNER
 LEHI CITY
 153 NORTH 100 EAST
 LEHI, UTAH 84043

PROJECT
 DRY CREEK PARK

DRAWING TITLE
 IRRIGATION KEY PLAN

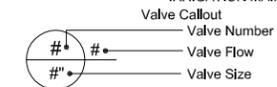
DATE 19 DEC 10
 SCALE 1"=20'
 DRAWN BY PJB
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ARCHITECTS, INC.
327 EAST BROADWAY SLD, UT 84111
801/322/2724

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI		
	HUNTER MP1000 W/ MPR40-06-CV-R TURF ROTATOR, 6" POP-UP WITH CHECK VALVE, RECLAIMED BODY CAP, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC, ON MPR40 6" POP-UP BODY.	6	40		
	HUNTER MP2000 W/ MPR40-06-CV-R TURF ROTATOR, 6" POP-UP WITH CHECK VALVE, RECLAIMED BODY CAP, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC, ON MPR40 6" POPUP BODY.	3	40		
	HUNTER MP3000 W/ MPR40-06-CV-R TURF ROTATOR, 6" POP-UP WITH FACTORY INSTALLED CHECK VALVE, RECLAIMED BODY CAP, MP ROTATOR NOZZLE. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC, ON MPR40 6" POP-UP BODY.	178	40		
	HUNTER MP STRIP W/ MPR40-06-CV-R TURF ROTATOR, 6" POPUP WITH FACTORY INSTALLED CHECK VALVE, RECLAIMED BODY CAP, MP ROTATOR NOZZLE. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP, ON MPR40 6" POP-UP BODY.	93	40		
	HUNTER RZWS-SLEEVE-18-25 18" LONG RZWS WITH FILTER FABRIC SLEEVE, 0.25 GPM BUBBLER, 1/2" SWING JOINT FOR CONNECTION TO 1/2" PIPE	512	30		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS
	HUNTER I-40-06-SS-R TURF ROTOR, 6" POP-UP, ADJUSTABLE TO FULL CIRCLE, WITH CHECK VALVE AND STAINLESS STEEL RISER, RECLAIMED WATER ID.	13	60	8.50	41'
	HUNTER I-40-06-SS-R TURF ROTOR, 6" POP-UP, ADJUSTABLE TO FULL CIRCLE, WITH CHECK VALVE AND STAINLESS STEEL RISER, RECLAIMED WATER ID.	172	60	11.1	45'
	HUNTER I-40-06-SS-R TURF ROTOR, 6" POP-UP, ADJUSTABLE TO FULL CIRCLE, WITH CHECK VALVE AND STAINLESS STEEL RISER, RECLAIMED WATER ID.	2	60	12.3	47'
	HUNTER I-40-06-SS-R TURF ROTOR, 6" POP-UP, ADJUSTABLE TO FULL CIRCLE, WITH CHECK VALVE AND STAINLESS STEEL RISER, RECLAIMED WATER ID.	84	60	15.1	51'
	HUNTER I-40-06-SS-R TURF ROTOR, 6" POP-UP, ADJUSTABLE TO FULL CIRCLE, WITH CHECK VALVE AND STAINLESS STEEL RISER, RECLAIMED WATER ID.	2	60	20.0	56'
	HUNTER I-40-06-SS-R TURF ROTOR, 6" POP-UP, ADJUSTABLE TO FULL CIRCLE, WITH CHECK VALVE AND STAINLESS STEEL RISER, RECLAIMED WATER ID.	4	60	22.7	59'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	HUNTER ICV-FS ELECTRIC REMOTE CONTROL VALVE, 220 PSI RATED PLASTIC GLOBE VALVE, FILTER SENTRY.	35			
	HUNTER HQ-44LRC-R-AW QUICK COUPLER VALVE, PURPLE LOCKING RUBBER COVER, ACME KEY W/ ANTI-ROTATION WINGS, RED BRASS AND STAINLESS STEEL, WITH 1" NPT INLET, 2-PIECE WING.	3			
	NIBCO T-113-K CLASS 125 BRONZE GATE SHUT OFF VALVE WITH CROSS HANDLE. SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4" - 3"	23			
	HUNTER ACC-99D-PED 2-WIRE DECODER CONTROLLER WITH 99 STATION CAPACITY, METAL CABINET, METAL PEDESTAL	1			
	HUNTER MWS-FR WEATHER STATION WITH RAIN SENSOR, WIND SENSOR AND FREEZE SENSOR, 120 VAC, 5 AMP	1			
	POINT OF CONNECTION 4"	1			
	POINT OF CONNECTION 4"	1			
	POINT OF CONNECTION 4"	1			
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4" IN SIZE.	24,789 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40	3,328 L.F.			



IRRIGATION NOTES

- CONTRACTOR SHALL VERIFY STATIC PRESSURE AT POINT OF CONNECTION AND OPERATING PRESSURE AT EACH HEAD AS INDICATED. INSUFFICIENT PRESSURE CONCERNS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY.
- ALL HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE.
- MAKE THE MAINLINE CONNECTION TO THE EXISTING MAIN LINE VERIFY BACKFLOW PREVENTION AS REQUIRED BY LOCAL MUNICIPALITY CODES AND ORDINANCES.
- ALL VALVES SHALL BE LOCATED IN GROUPS WHERE SHOWN ON DRAWINGS. VALVES SHALL BE LOCATED 3' AWAY FROM ANY FENCE, MOWSTRIP, WALK, CURB, OR BUILDING.
- ALL VALVES SHALL BE WIRED USING #14 U.F. WIRE AND PEN-TITE WATER RESISTANT WIRE CONNECTORS. CONTROL CABLE SHALL FOLLOW THE MAINLINE IN THE SAME TRENCHES. TAPE AND BUNDLE 2 FT. OF CABLE EVERY 100 FT., AT EACH TURN IN THE MAINLINE TRENCH, AND AT EACH VALVE.
- IRRIGATION CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PERMANENT POWER TO THE CONTROLLERS WITH OWNER AND ELECTRICAL CONTRACTOR.
- PROVIDE AND INSTALL ALL THE MANUFACTURER'S RECOMMENDED SURGE AND LIGHTNING PROTECTION EQUIPMENT ON ALL CONTROLLERS.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS OF THE IRRIGATION SPRINKLER SYSTEM SHOWING EXACT MEASURED AND DIMENSIONED LOCATIONS OF ALL VALVES, WIRE SPLICES NOT IN A VALVE BOX AND DRAIN VALVES. THE DIMENSIONS TO PERMANENT FEATURES SUCH AS STRUCTURES.
- THE IRRIGATION DESIGN IS SCHEMATIC. ALL PIPING, VALVES, HEADS, ETC., SHOWN OUTSIDE OF THE PLANTING AREA IS FOR GRAPHIC CLARITY ONLY AND SHALL BE INSTALLED WITHIN THE PLANTING AREA. COORDINATE IRRIGATION, PLANTING AND OTHER SITE OPERATIONS. VERIFY AVAILABLE WATER PRESSURE AND FLOW AT SUPPLY SOURCE PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF ALL CONSTRUCTED ITEMS, BUILDINGS DIFFERENCES IN ACTUAL AND DRAWN DIMENSIONS, UNDERGROUND SERVICES, ETC. PRIOR TO BEGINNING CONSTRUCTION. CALL 1-800-624-2444, FOR LOCATION OF UNDERGROUND SERVICES
- NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF IRRIGATION LAYOUT SHOWS ANY DISCREPANCY BETWEEN DESIGNED IRRIGATION SYSTEM AND ACTUAL SITE CONDITIONS, FOR ANY DECISIONS WHICH ARE DEEMED NECESSARY FOR ADJUSTMENT OF DESIGNED SYSTEM. NO MAJOR CHANGES OR SUBSTITUTIONS SHALL BE MADE TO THE IRRIGATION SYSTEM WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- INSTALL SLEEVES AND PIPING IN A PARALLEL OR PERPENDICULAR MANNER, FOLLOWING THE GENERAL LAYOUT OF THE PAVING DESIGN. THE CONSTRUCTOR SHALL ENSURE COMPLETE SPRINKLER COVERAGE FOR ALL PLANTED AREAS, AND SHALL ADJUST THE IRRIGATION HEADS TO ACCOMPLISH SUCH, FLUSH AND ADJUST HEADS TO ENSURE NO OVERTHROW ONTO WALLS, WALKS OR OTHER HARD SURFACES. STREETS
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WILL ALL LOCAL CODES AND ORDINANCES BY A LICENSED LANDSCAPE CONTRACTOR AND EXPERIENCED WORKERS, AND ALL PERMITS SHALL BE OBTAINED AND FEES PAID BY THE CONTRACTOR.

OWNER
LEHI CITY
153 NORTH 100 EAST
LEHI, UTAH 84043

PROJECT
DRY CREEK PARK

DRAWING TITLE
IRRIGATION SCHEDULES AND NOTES

DATE 19 DEC 10
SCALE 1"=20'
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CHECKED BY PJB

LC-DC

L-020



ARCHITECTS, INC.
327 EAST BROADWAY SLD, UT 84111
801/322/2724

MATCH LINE L-110

FRONTAGE ROAD

ASPHALT PATH

DRY CREEK

MATCH LINE L-120

174 A11
3"

A10 122
3"

A9 111
3"

A8 77.7
3"

A6 46.0
1 1/2"

OWNER
LEHI CITY
153 NORTH 100 EAST
LEHI, UTAH 84043

PROJECT
DRY CREEK PARK

DRAWING TITLE
IRRIGATION PLAN



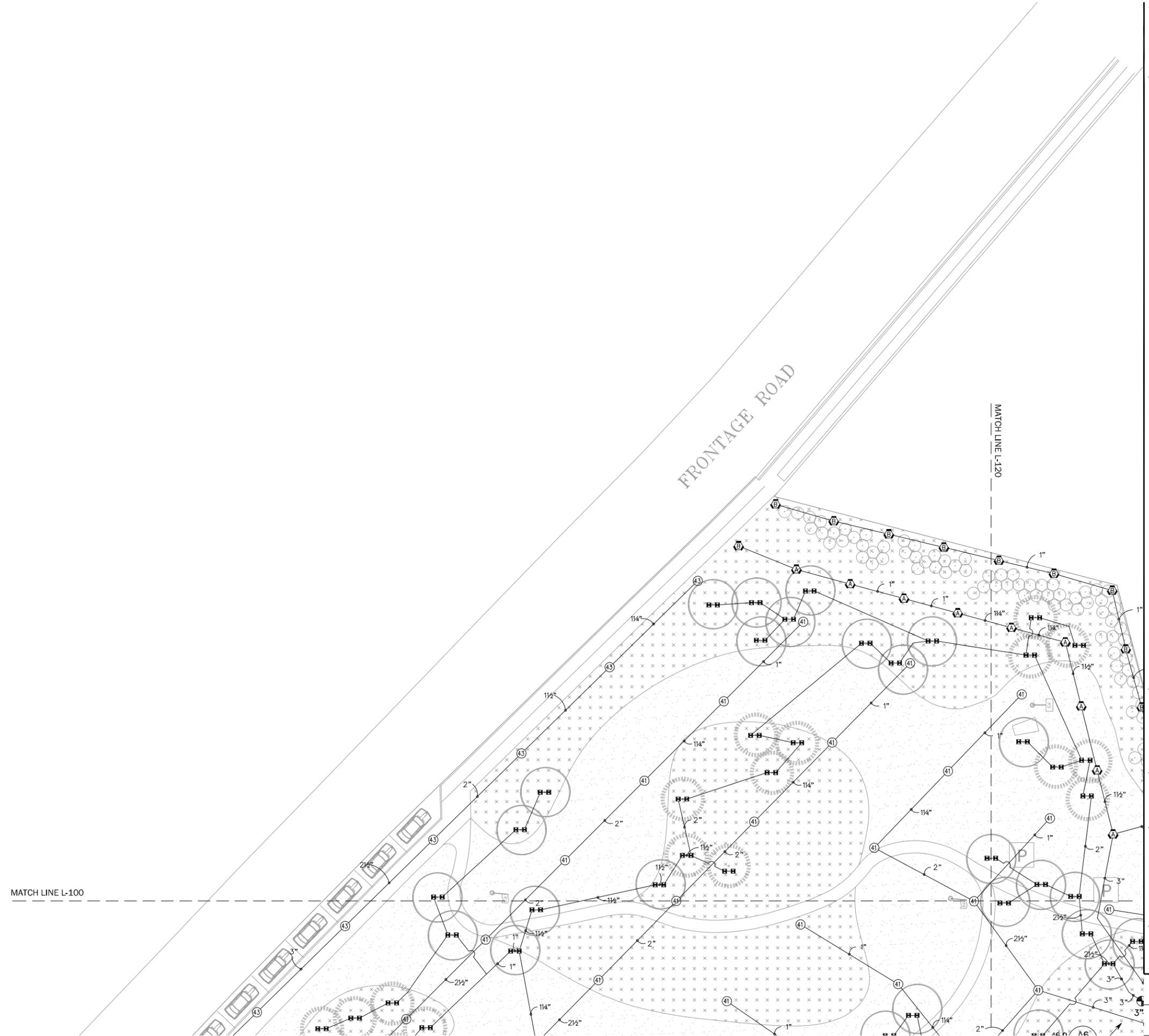
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LEHI CITY
153 NORTH 100 EAST
LEHI, UTAH 84043

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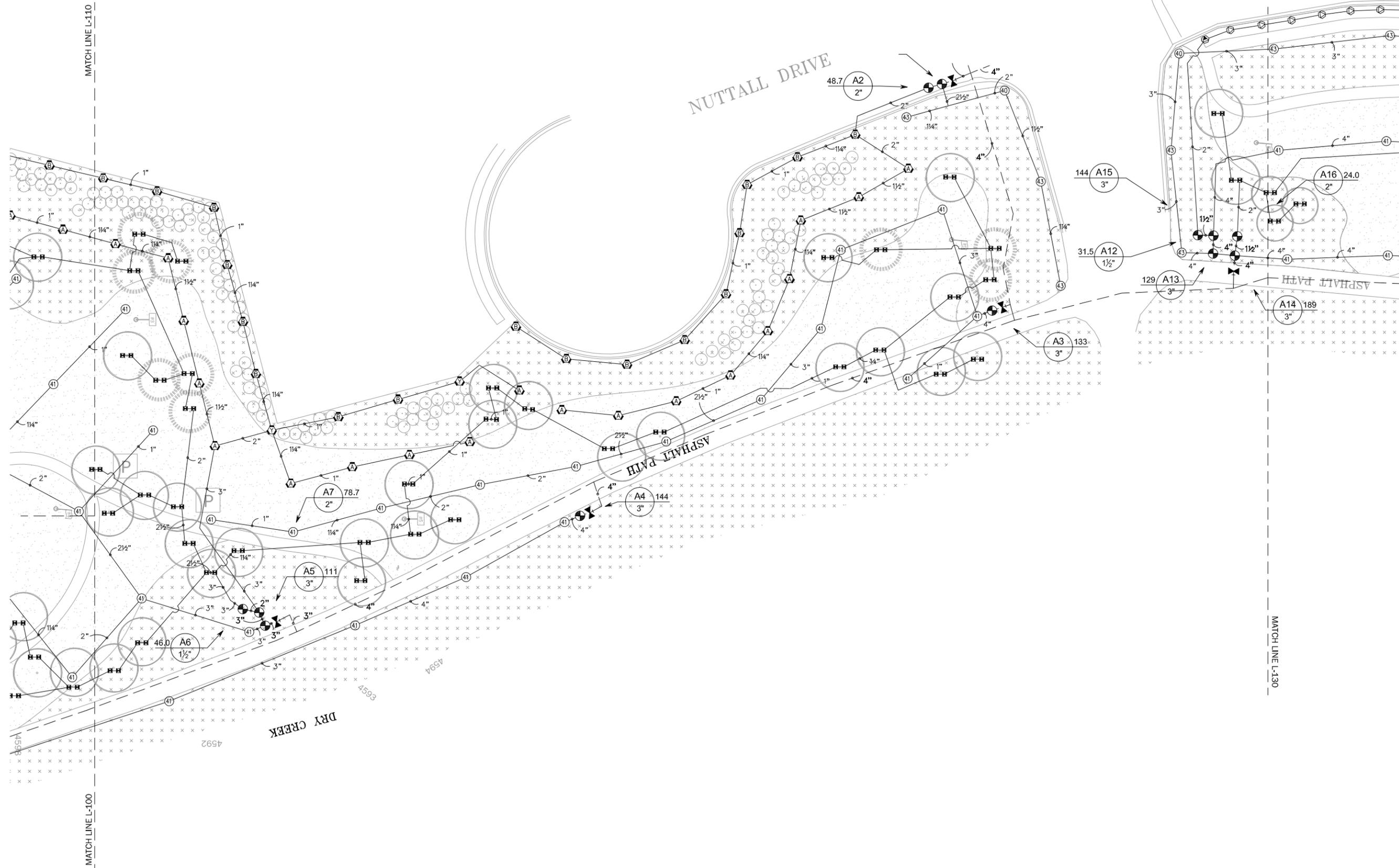
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ARCHITECTS, INC.

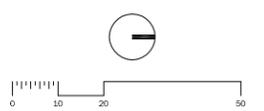
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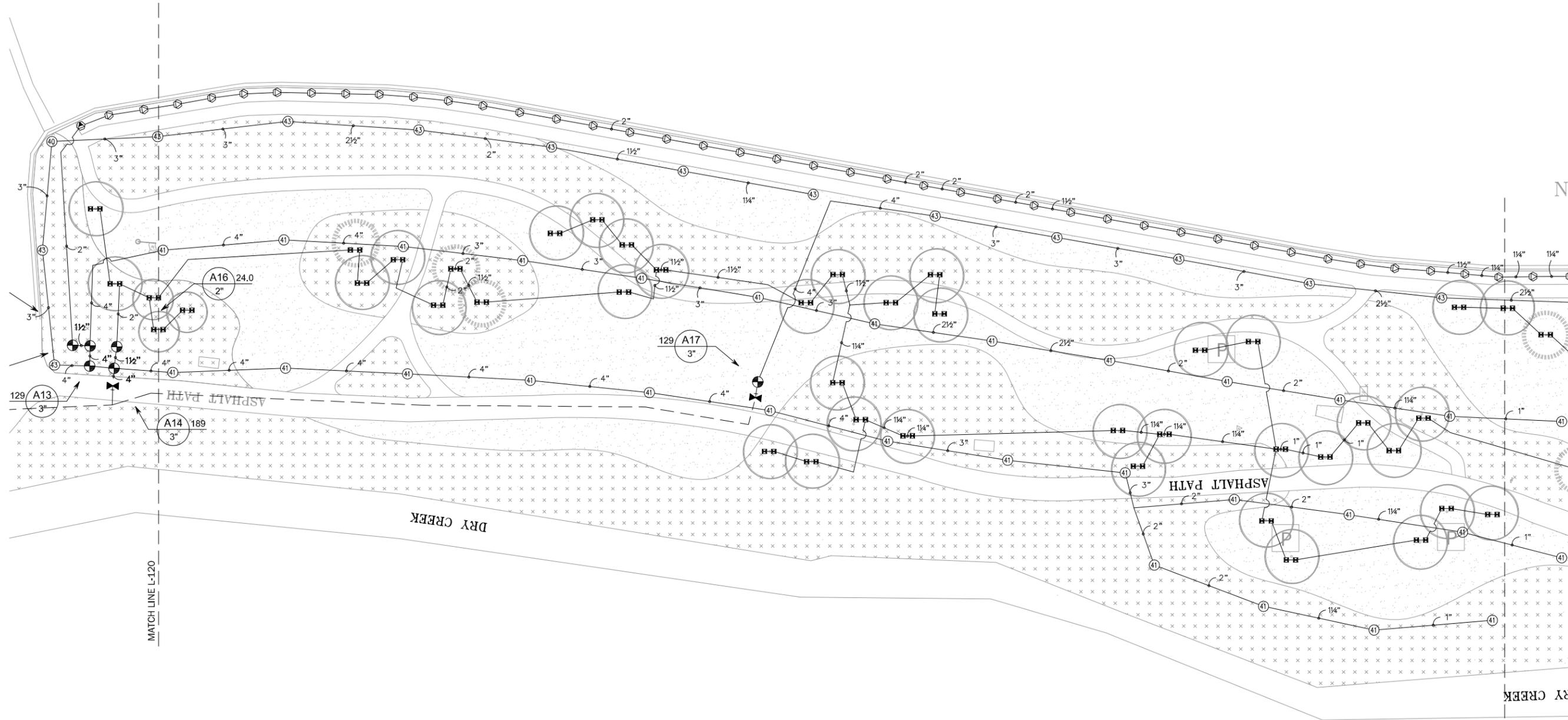
DRAWING TITLE
 IRRIGATION PLAN



DATE 19 DEC 10
 SCALE 1"=20'
 DRAWN BY PJB
 CHECKED BY PJB



ARCHITECTS, INC.
 327 EAST BROADWAY SLD, UT 84111
 801/322/2724



OWNER
 LEHI CITY
 153 NORTH 100 EAST
 LEHI, UTAH 84043

PROJECT
 DRY CREEK PARK

DRAWING TITLE
 IRRIGATION PLAN



DATE 19 DEC 10
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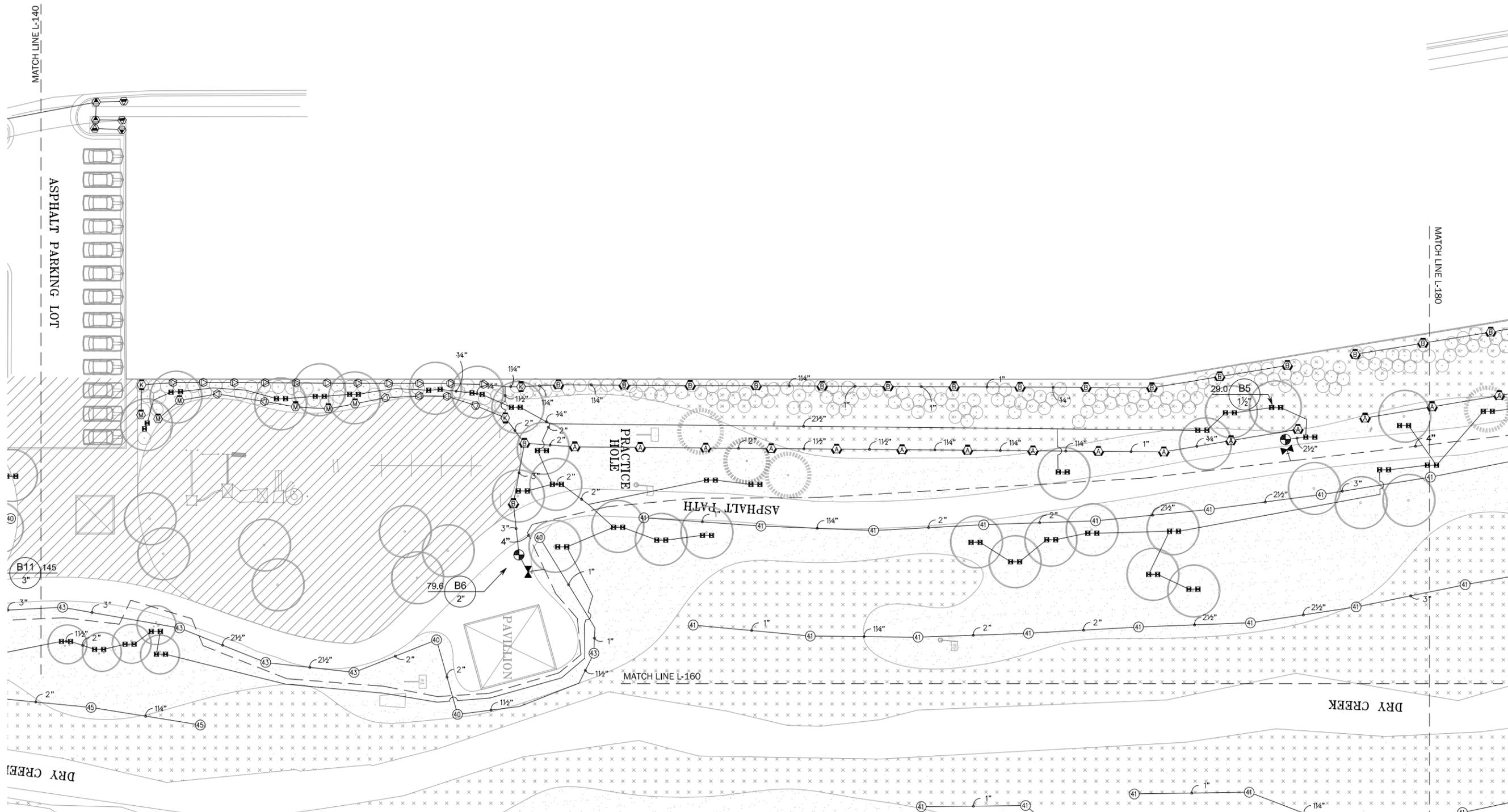
LC-DC

L-130



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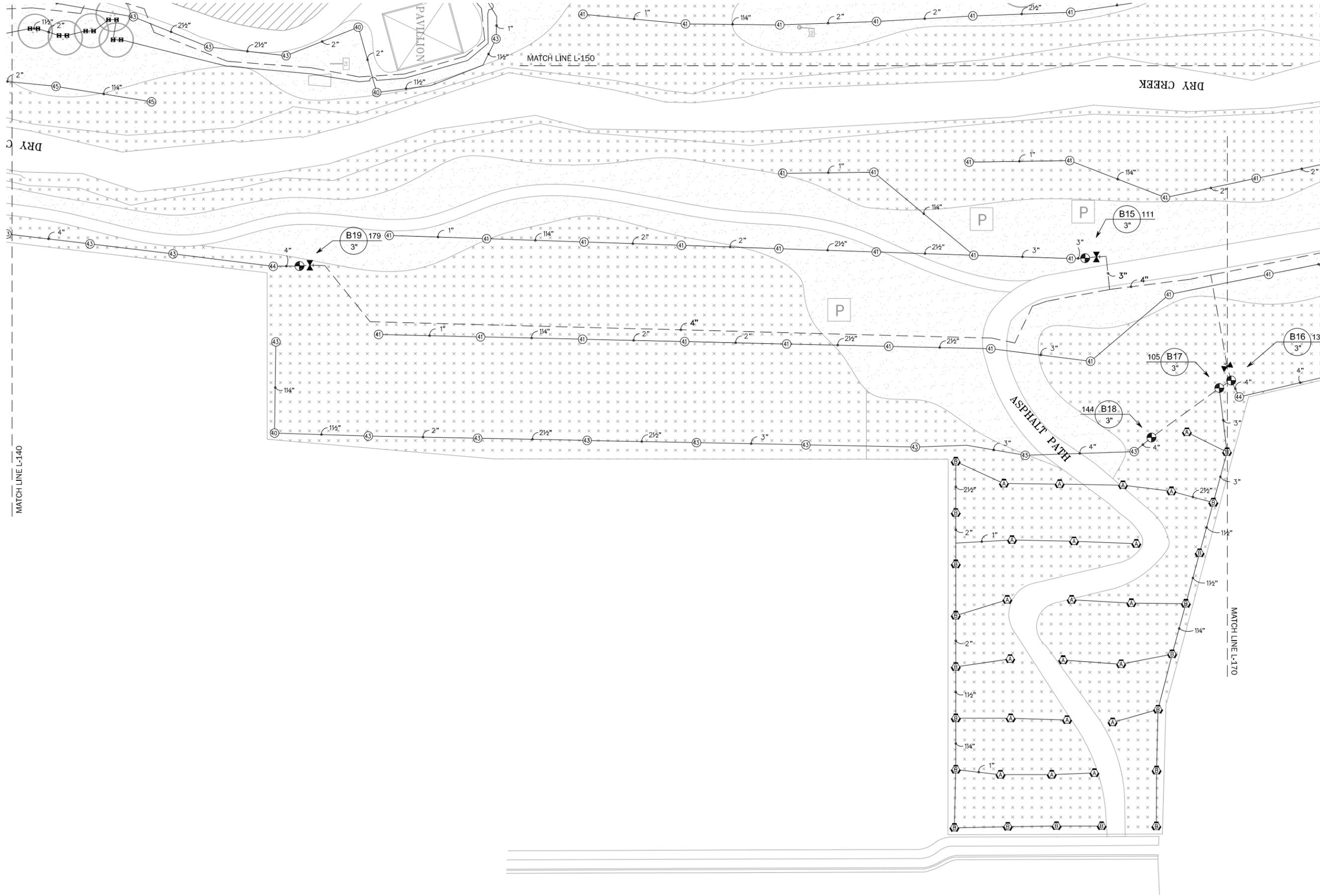


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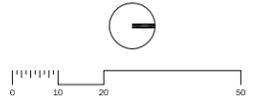
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 BG1/322/2724

- T100 KEY PLAN
- D100 IRRIGATION PLAN
- C406 GRADING PLAN
- L100 SITE PLAN
- L150 SITE DETAILS
- L200 IRRIGATION PLAN
- L250 IRRIGATION DETAILS
- L300 PLANTING PLAN
- L350 PLANTING DETAILS

OWNER
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 LEHI, UTAH 84043

PROJECT
 DRY CREEK PARK

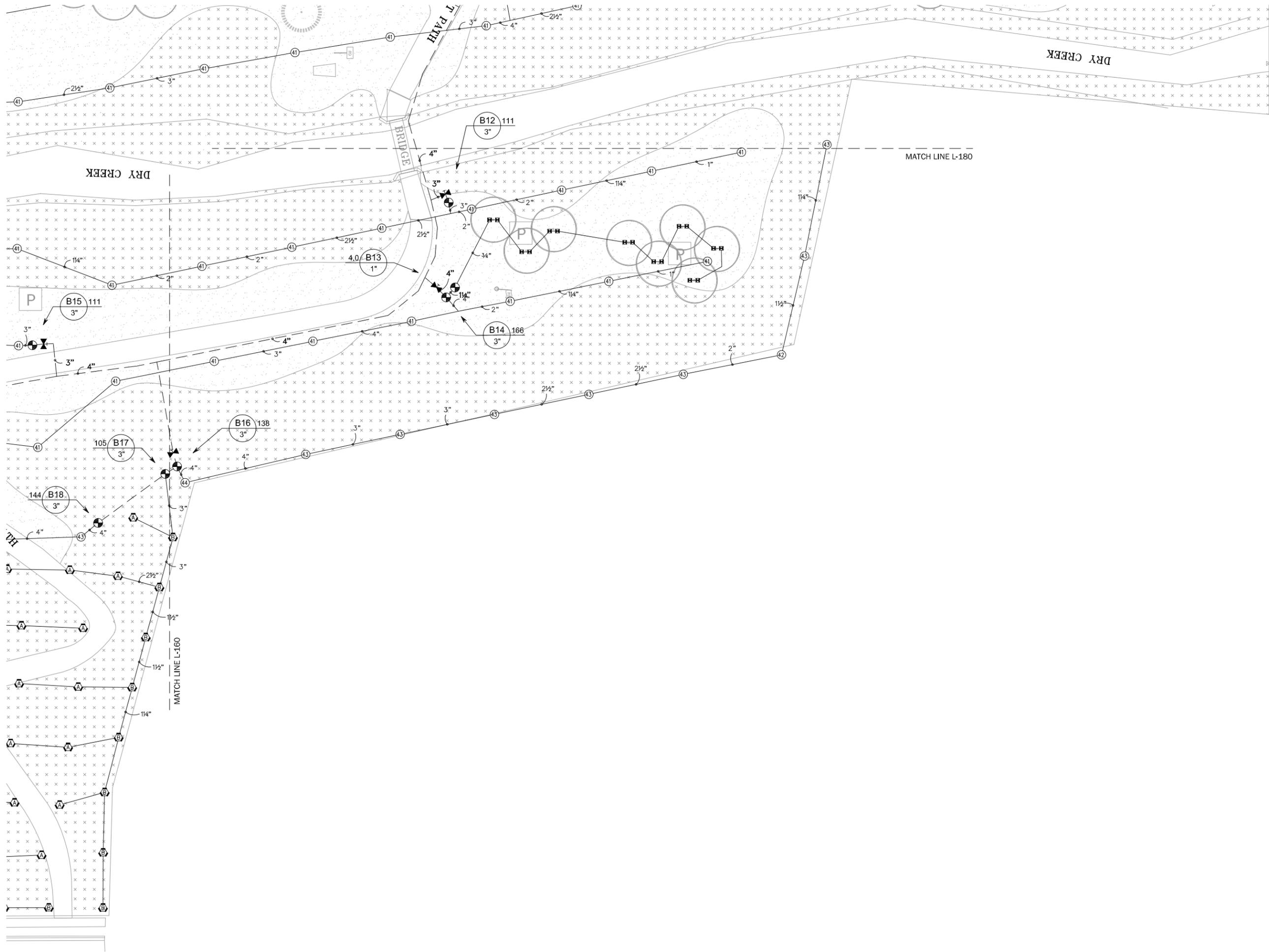
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PROJECT
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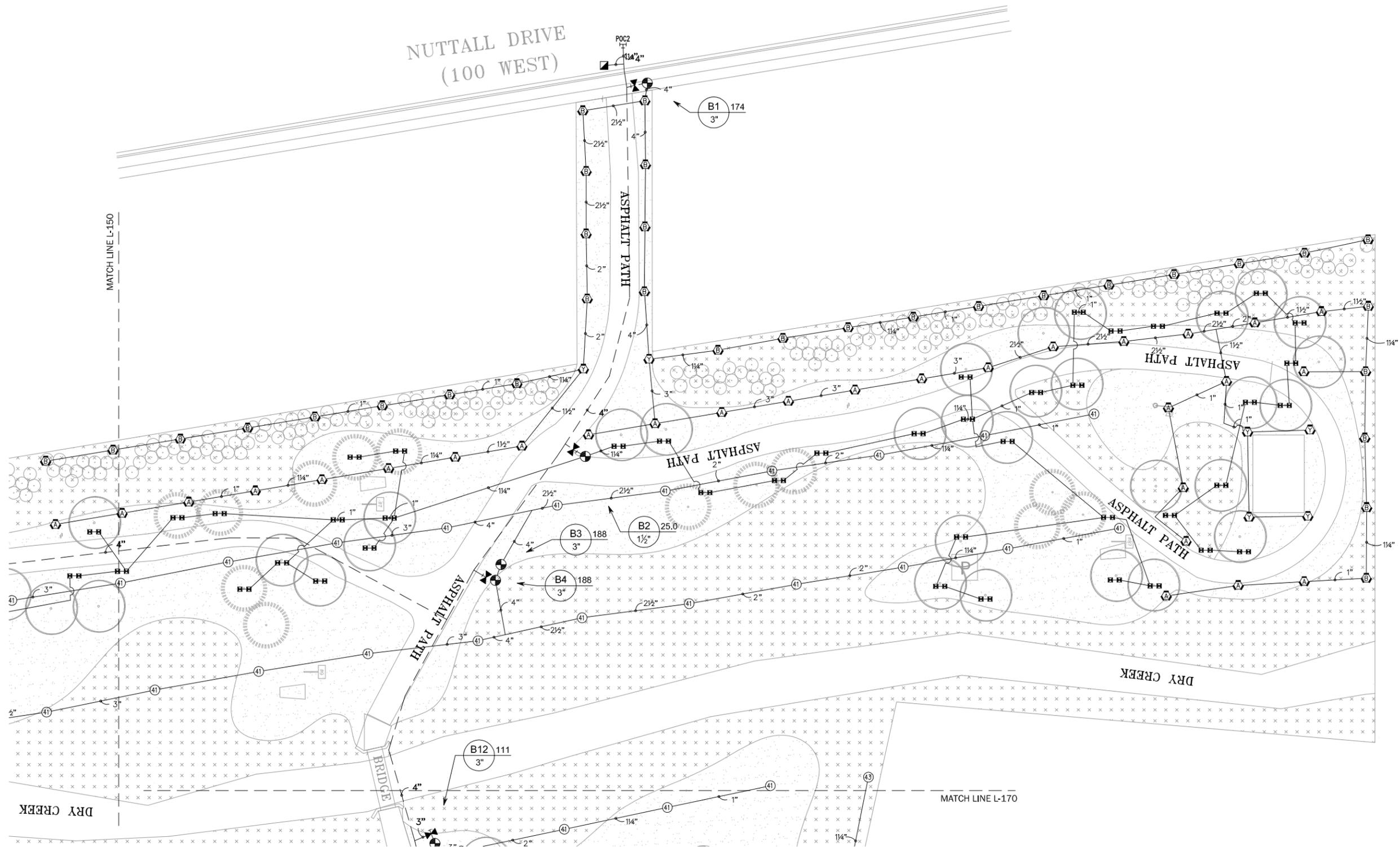
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L-170



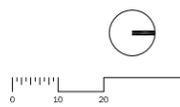
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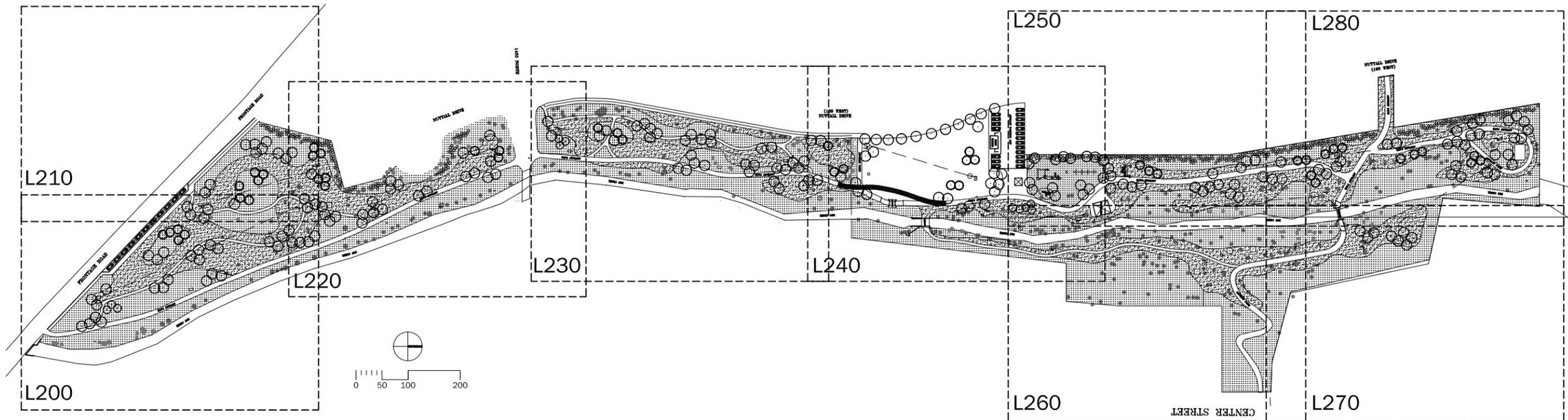
PROJECT
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DRAWING TITLE
 IRRIGATION PLAN



DATE 19 DEC 10
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5.2 PLANTING PLAN

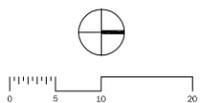


PLANTING SCHEDULE			
TYPE KEY	BOTANIC NAME	COMMON NAME	SIZE
SHRUBS			
S Aa	ARONIA ARBUTIFOLIA 'BRILLIANTISIMA'	CHOKEBERRY	5 GAL
S Cs	CORNUS SERICEA 'BAILEY'	RED OSIER DOGWOOD	5 GAL
S Ci	CERCOCARPUS LEDIFOLIUS 'CURLEAF'	CURLLEAF MOUNTAIN MAHOGANY	5 GAL
S Ej	EUNOYMOUS JAPONICA 'AUREO-VARIEGATA' GOLD SPOT	GOLD SPOT EUONYMOUS	5 GAL
S Fp	FALLUGIA PARADOXA	APACHE PLUME	5 GAL
S Jc	JUNIPERUS COMMUNIS	COMMON JUNIPER	5 GAL
S Kj	KERRIA JAPONICA	JAPANESE KERRIA	5 GAL
S Pf	PHOTINIA X FRASERI	PHOTINIA	5 GAL
S Pm	PHILADELPHUS LEWISII 'WILD'	MOCK ORANGE	5 GAL
S Po	PHYSOCARPUS OPULIFOLIUS	NINEBARK	5 GAL
S Sa	SYMPHORICARPOS ALBA	COMMON SNOWBERRY	5 GAL
S Vr	VIBURNUM X RHYTIDOPHYLLOIDES 'ALLEGHANY'	LEATHERLEAF VIBURNUM	5 GAL
TYPE KEY	BOTANIC NAME	COMMON NAME	SIZE
TREES			
T Aa	AMELANCHIER ALNIFOLIA 'SASKATOON'	SERVICEBERRY	10 GAL
T Ac	ABIES CONCOLOR	WHITE FIR	8-10'
T Bn	BETULA NIGRA	RIVER BIRCH	2" CAL
T Bo	BETULA OCCIDENTALIS FONTINALIS 'WESTERN RED'	WESTERN RED BIRCH	2" CAL
T Cc	CERCIS CANADENSIS 'EASTERN'	REDBUD	2" CAL
T Co	CELTIS OCCIDENTALIS	COMMON HACKBERRY	2" CAL
T Fa	FRAXINUS AMERICANA 'AUTUMN PURPLE'	AMERICAN ASH	2" CAL
2 Pa	PLATANUS X ACERIFOLIA 'BLOODGOOD'	LONDON PLANE TREE	2" CAL
T Pm	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	8-10'
T Pp	PICEA PUNGENS 'COLORADO'	COLORADO SPRUCE	8-10'
T Ppo	PINUS PONDEROSA	PONDEROSA PINE	2" CAL
T Pse	PRUNUS SERRULATA 'KWANZAN'	KWANZAN CHERRY	2" CAL
T Qr	QUERCUS RUBRA	RED OAK	2" CAL
T Rp	ROBINIA PSEUDOACACIA 'PURPLE ROBE'	BLACK LOCUST	2" CAL
T Sa	SALIX AMYGDALOIDES 'PEACH LEAF'	PEACH LEAF WILLOW	2" CAL
T Sj	SOPHORA JAPONICA 'PRINCETON UPRIGHT'	JAPANESE PAGODA TREE	2" CAL
T Zs	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA	2" CAL

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 PLANTING KEY PLAN



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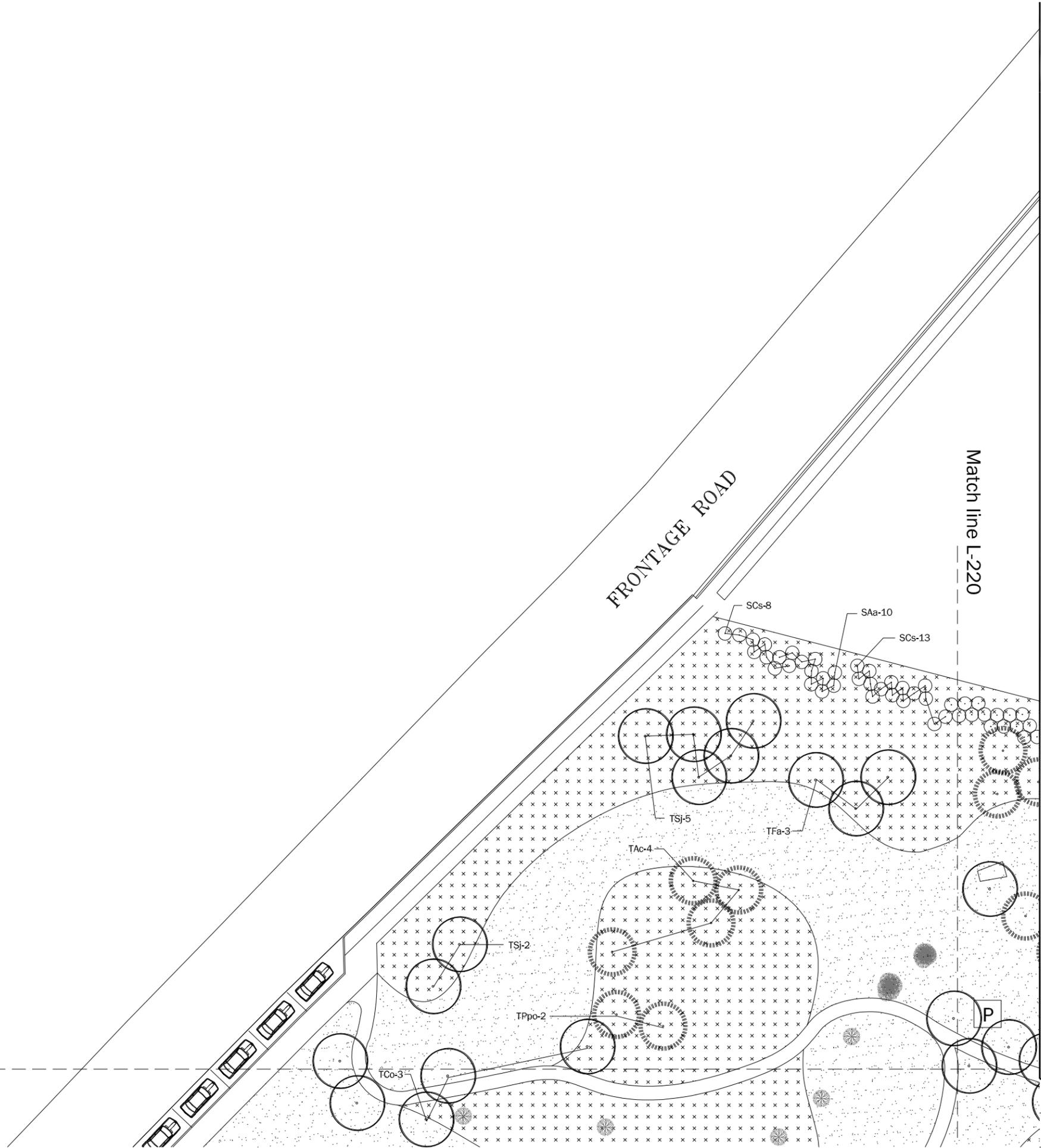


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xxx TALL FESCUE HYDROSEED
 WITH WILDFLOWER MIX

FESCUE HYDROSEED

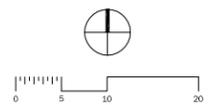
Match line L-200



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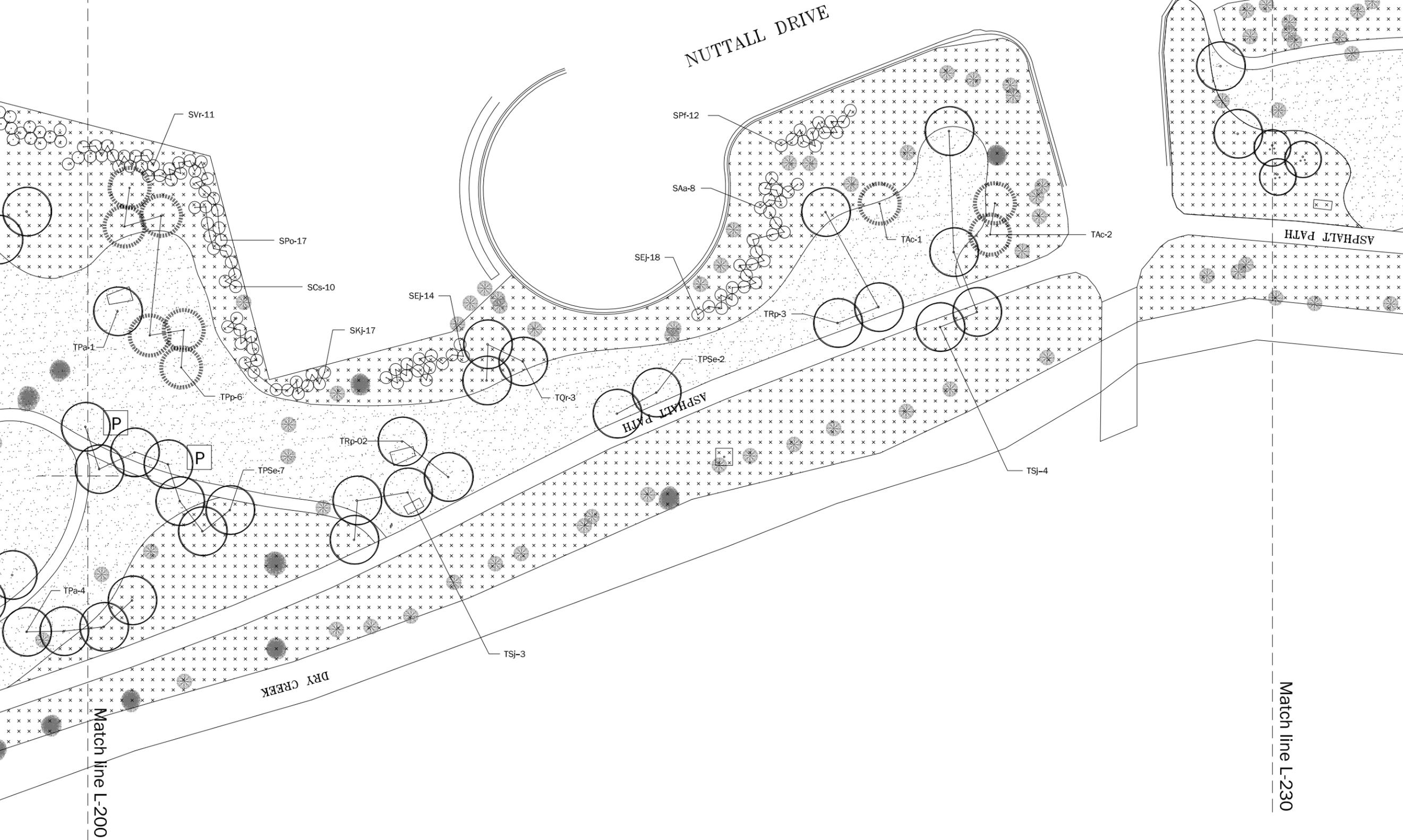
L-210



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xxxx TALL FESCUE HYDROSEED
WITH WILDFLOWER MIX

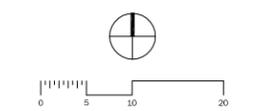
xxxx FESCUE HYDROSEED



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DRY CREEK PARK

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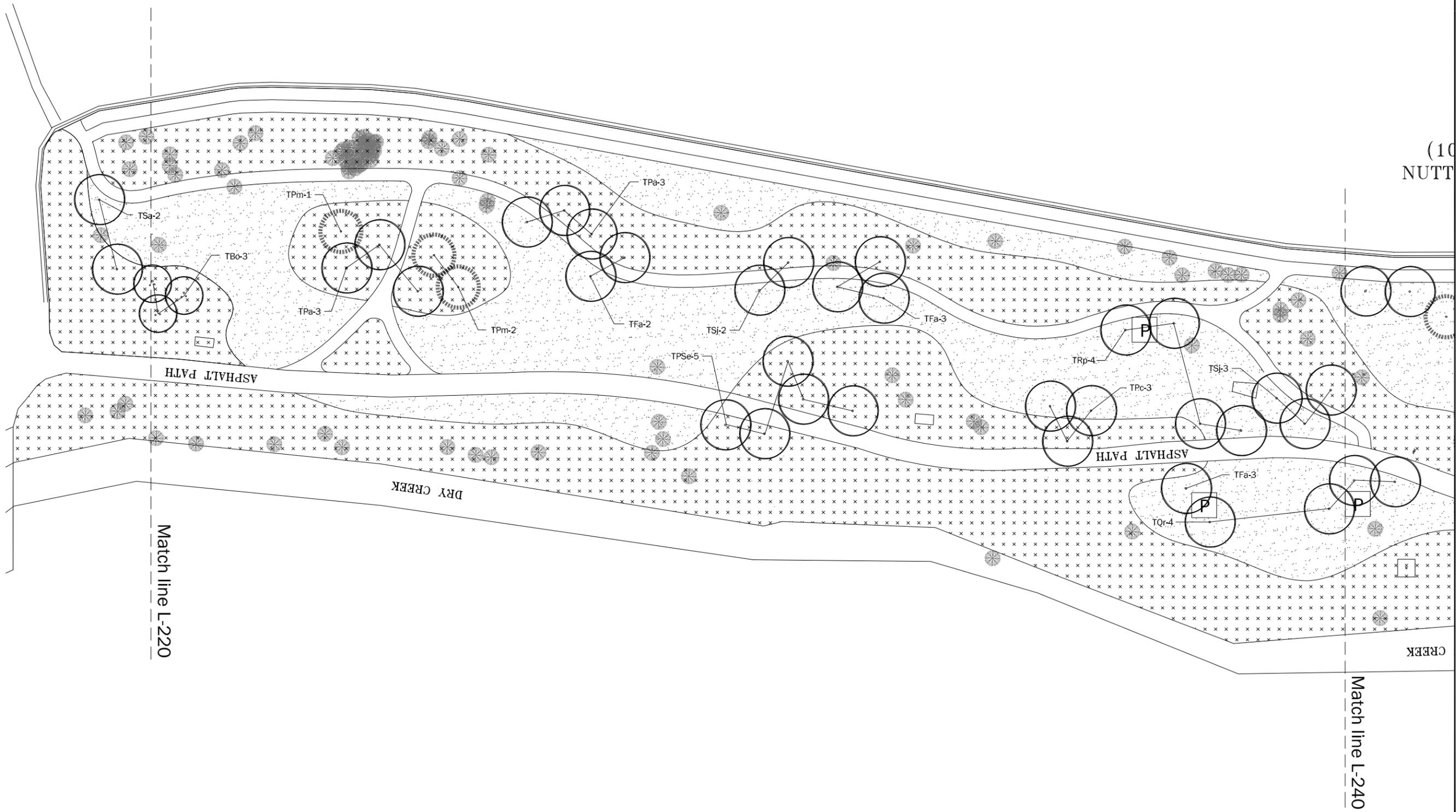
L-220



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XXXX TALL FESCUE HYDROSEED
 WITH WILDFLOWER MIX

XXXX FESCUE HYDROSEED



(10
 NUTT

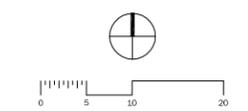
Match line L-220

Match line L-240

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PROJECT
 DRY CREEK PARK

DRAWING TITLE
 PLANTING PLAN



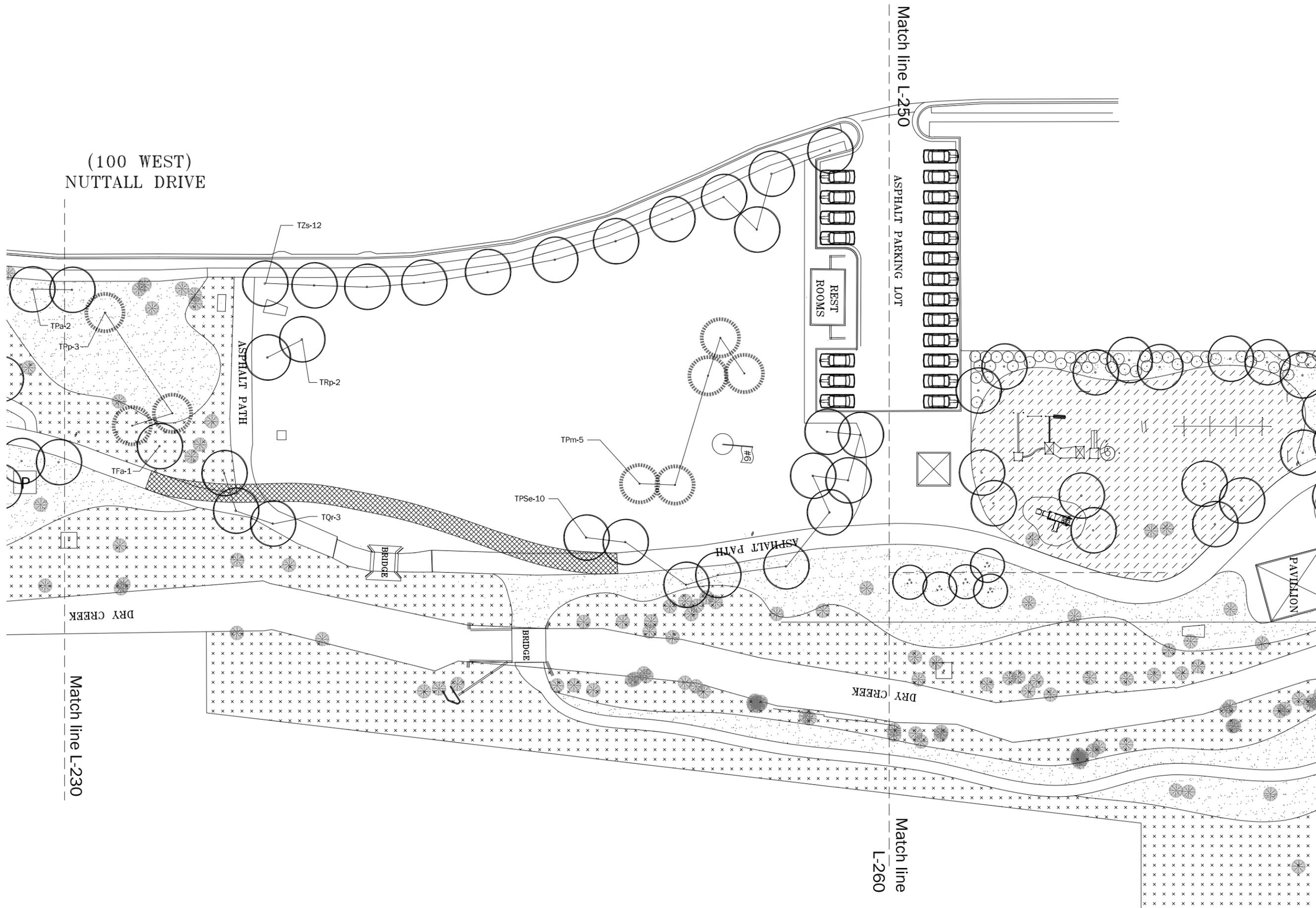
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xxx TALL FESCUE HYDROSEED
xxx WITH WILDFLOWER MIX

FESCUE HYDROSEED



(100 WEST)
NUTTALL DRIVE

DRY CREEK

Match line L-230

Match line L-250

ASPHALT PARKING LOT

REST ROOMS

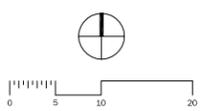
Match line L-260

PAVILION

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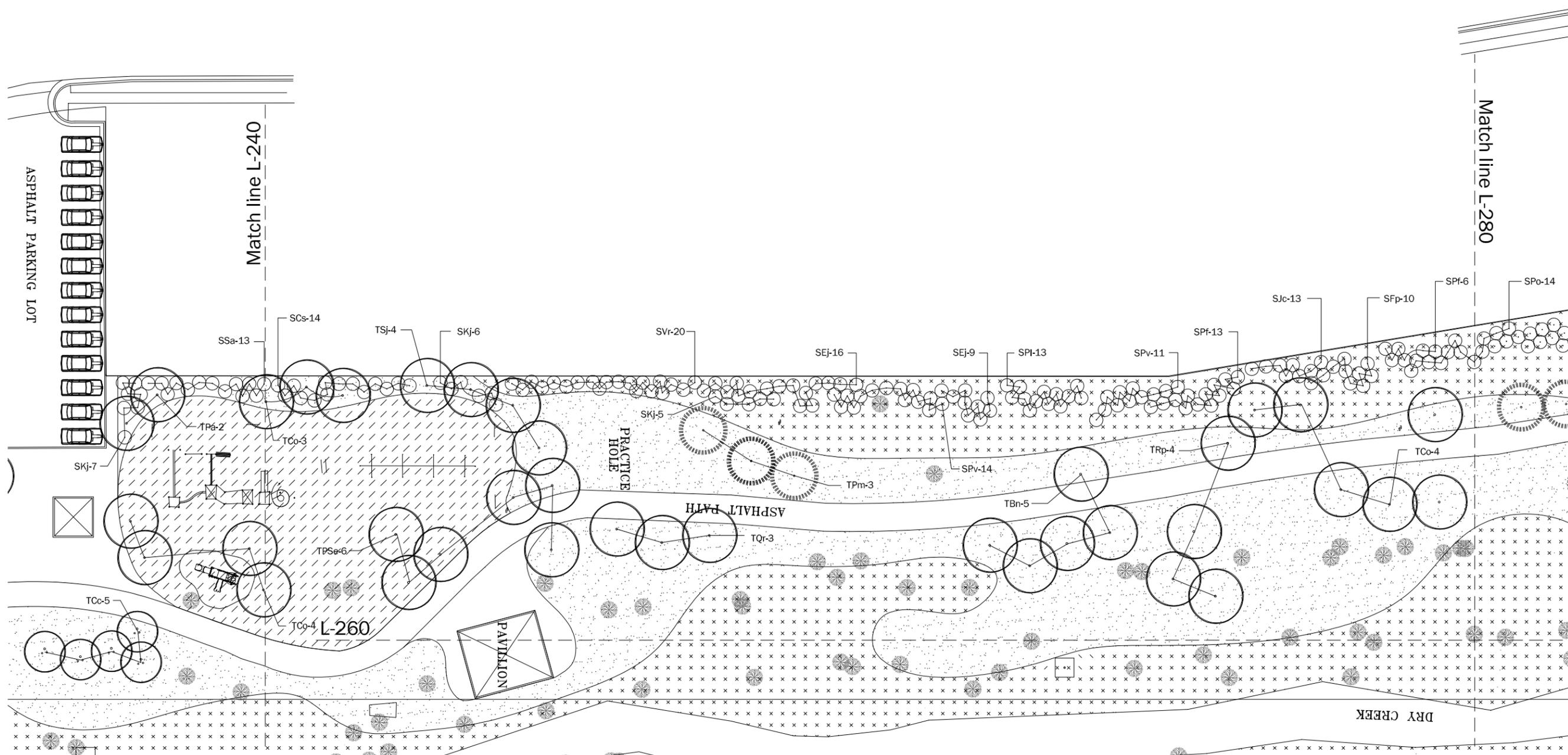
L-240



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xxx TALL FESCUE HYDROSEED
 WITH WILDFLOWER MIX

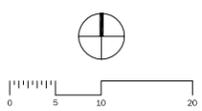
xxxx FESCUE HYDROSEED



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LC-DC
 L-250

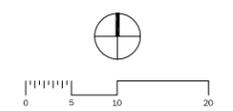


xxx TALL FESCUE HYDROSEED
 WITH WILDFLOWER MIX
 FESCUE HYDROSEED

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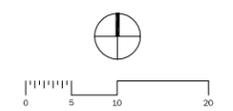


- TALL FESCUE HYDROSEED WITH WILDFLOWER MIX
- FESCUE HYDROSEED

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